

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041513.D
 Acq On : 14 May 2024 12:30
 Operator : JC/MD
 Sample : VX0514WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

Quant Time: May 15 00:57:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	170026	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	243425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	220405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121647	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100599	54.349	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.700%
35) Dibromofluoromethane	5.385	113	81915	49.657	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.320%
50) Toluene-d8	8.647	98	282230	54.055	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.100%
62) 4-Bromofluorobenzene	11.079	95	107188	53.033	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.060%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	26098	18.680	ug/l	97
3) Chloromethane	1.294	50	24162	16.713	ug/l	100
4) Vinyl Chloride	1.374	62	25645	18.608	ug/l	100
5) Bromomethane	1.599	94	17639	20.416	ug/l	96
6) Chloroethane	1.666	64	14858	23.220	ug/l	98
7) Trichlorofluoromethane	1.868	101	48160	20.265	ug/l	100
8) Diethyl Ether	2.136	74	17583	20.992	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.319	101	29859	22.355	ug/l	88
10) Methyl Iodide	2.447	142	30377	21.131	ug/l	91
11) Tert butyl alcohol	3.014	59	37175	100.344	ug/l	# 93
12) 1,1-Dichloroethene	2.307	96	27272	20.699	ug/l	91
13) Acrolein	2.239	56	36940	125.686	ug/l	99
14) Allyl chloride	2.660	41	47569	21.489	ug/l	98
15) Acrylonitrile	3.075	53	92010	108.818	ug/l	99
16) Acetone	2.392	43	88736	106.622	ug/l	97
17) Carbon Disulfide	2.502	76	48843	15.770	ug/l	96
18) Methyl Acetate	2.709	43	45287	23.914	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	100588	20.943	ug/l	99
20) Methylene Chloride	2.788	84	32618	20.299	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	28199	19.151	ug/l	90
22) Diisopropyl ether	3.764	45	100972	21.523	ug/l	97
23) Vinyl Acetate	3.721	43	444802	105.992	ug/l	99
24) 1,1-Dichloroethane	3.605	63	55654	20.999	ug/l	96
25) 2-Butanone	4.568	43	131109	109.440	ug/l	99
26) 2,2-Dichloropropane	4.471	77	44353	20.015	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	35709	20.482	ug/l	91
28) Bromochloromethane	4.898	49	19307	20.412	ug/l	# 83
29) Tetrahydrofuran	5.013	42	82033	104.703	ug/l	96
30) Chloroform	5.093	83	59717	21.657	ug/l	98
31) Cyclohexane	5.464	56	43311	19.388	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	51570	20.557	ug/l	98
36) 1,1-Dichloropropene	5.690	75	35969	18.235	ug/l	95
37) Ethyl Acetate	4.721	43	51299	20.843	ug/l	99
38) Carbon Tetrachloride	5.672	117	42612	18.857	ug/l	99
39) Methylcyclohexane	7.373	83	45063	19.446	ug/l	93
40) Benzene	6.031	78	119440	19.642	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041513.D
 Acq On : 14 May 2024 12:30
 Operator : JC/MD
 Sample : VX0514WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01

Quant Time: May 15 00:57:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 06:03:16 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/15/2024
 Supervised By : Mahesh Dadoda 05/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	26164	20.655	ug/l	93
42) 1,2-Dichloroethane	6.086	62	46726	20.967	ug/l	97
43) Isopropyl Acetate	6.348	43	75718	20.461	ug/l	98
44) Trichloroethene	7.123	130	33136	20.636	ug/l	86
45) 1,2-Dichloropropane	7.434	63	29696	21.857	ug/l	99
46) Dibromomethane	7.580	93	22222	20.546	ug/l #	78
47) Bromodichloromethane	7.824	83	41371	21.465	ug/l	90
48) Methyl methacrylate	7.696	41	37466	22.086	ug/l	96
49) 1,4-Dioxane	7.671	88	16135	439.929	ug/l #	90
51) 4-Methyl-2-Pentanone	8.580	43	263424	118.631	ug/l	99
52) Toluene	8.720	92	78560	21.119	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	40512	19.640	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	44358	20.935	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	32998	23.035	ug/l	98
56) Ethyl methacrylate	9.116	69	49470	22.314	ug/l	100
57) 1,3-Dichloropropane	9.311	76	53525	22.388	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	110705	102.982	ug/l	94
59) 2-Hexanone	9.433	43	200307	112.810	ug/l	98
60) Dibromochloromethane	9.519	129	35432	21.010	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34032	21.594	ug/l	99
64) Tetrachloroethene	9.275	164	31746	19.891	ug/l	92
65) Chlorobenzene	10.079	112	90885	20.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	32303	20.433	ug/l	98
67) Ethyl Benzene	10.195	91	147858	20.030	ug/l	97
68) m/p-Xylenes	10.299	106	117517	39.754	ug/l	94
69) o-Xylene	10.640	106	58035	20.504	ug/l	95
70) Styrene	10.653	104	96515	20.780	ug/l	96
71) Bromoform	10.799	173	26791	18.936	ug/l #	99
73) Isopropylbenzene	10.963	105	152491	20.536	ug/l	97
74) N-amyl acetate	10.842	43	66597	20.528	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	54078	22.225	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42596m	21.486	ug/l	
77) Bromobenzene	11.195	156	43147	20.588	ug/l	79
78) n-propylbenzene	11.305	91	164333	21.071	ug/l	96
79) 2-Chlorotoluene	11.366	91	103850	20.663	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	126255	20.857	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	13583	18.663	ug/l	97
82) 4-Chlorotoluene	11.457	91	117766	20.640	ug/l	94
83) tert-Butylbenzene	11.713	119	135776	20.946	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	125515	20.607	ug/l	93
85) sec-Butylbenzene	11.890	105	157048	21.141	ug/l	96
86) p-Isopropyltoluene	12.006	119	136915	20.522	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	77118	20.244	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	77386	19.718	ug/l	95
89) n-Butylbenzene	12.329	91	103023	19.204	ug/l	98
90) Hexachloroethane	12.536	117	18130	16.249	ug/l #	58
91) 1,2-Dichlorobenzene	12.335	146	80729	20.064	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11120	19.777	ug/l	63
93) 1,2,4-Trichlorobenzene	13.585	180	52582	18.696	ug/l	95
94) Hexachlorobutadiene	13.725	225	26123	18.600	ug/l	98
95) Naphthalene	13.774	128	162344	19.478	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54827	19.074	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
Data File : VX041513.D
Acq On : 14 May 2024 12:30
Operator : JC/MD
Sample : VX0514WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

Quant Time: May 15 00:57:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

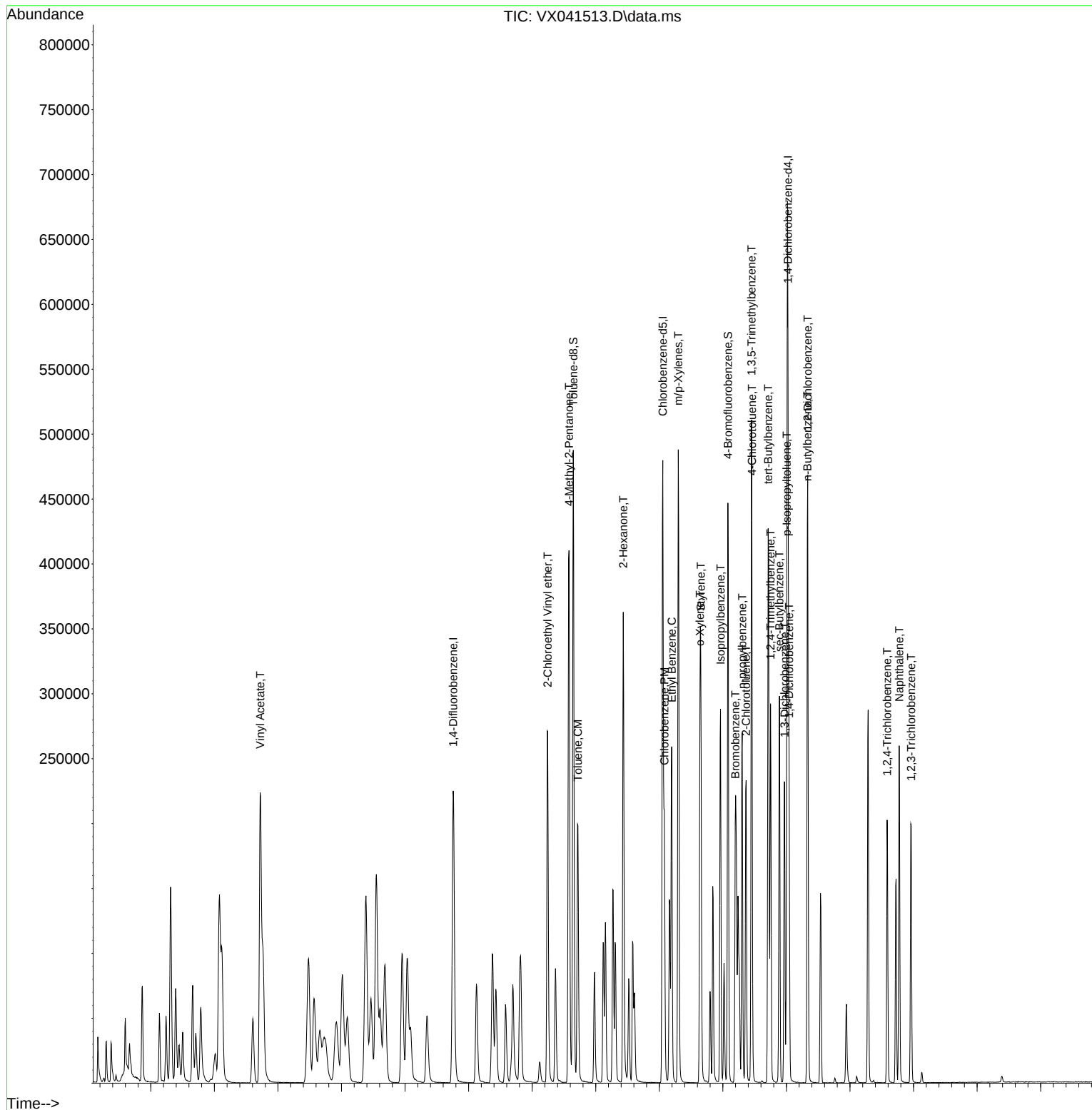
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
Data File : VX041513.D
Acq On : 14 May 2024 12:30
Operator : JC/MD
Sample : VX0514WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

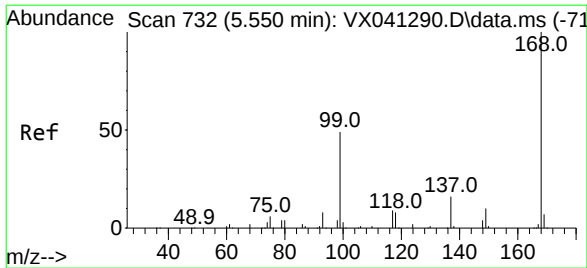
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

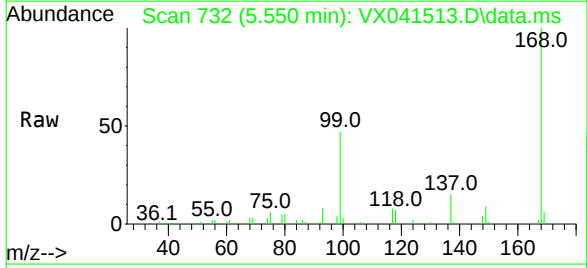
Quant Time: May 15 00:57:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

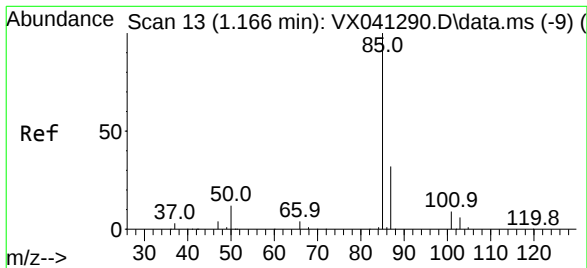
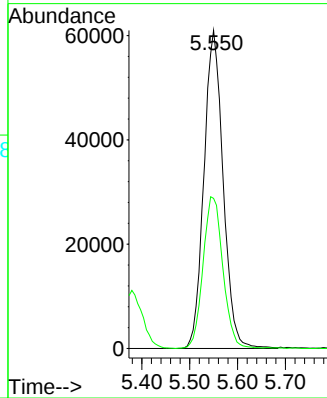
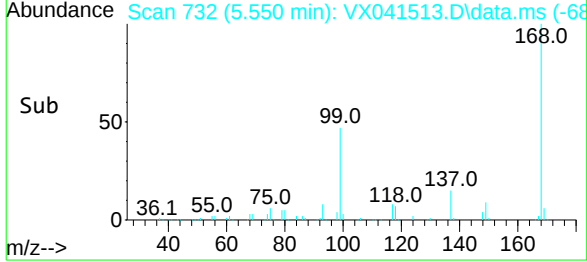
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01



Tgt Ion:168 Resp: 170026
Ion Ratio Lower Upper
168 100
99 47.1 56.6 85.0#

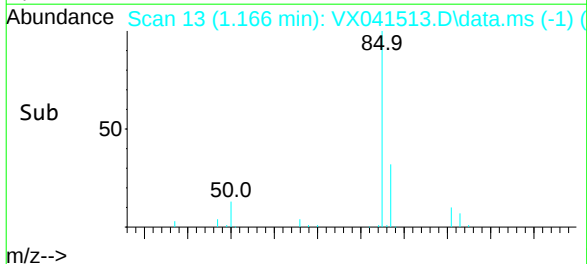
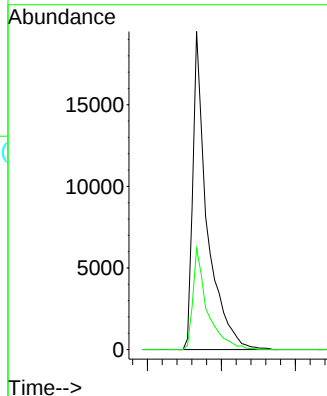
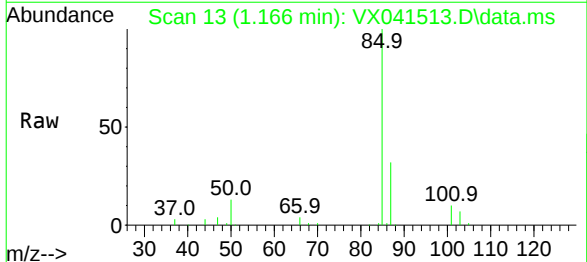
Manual Integrations
APPROVED

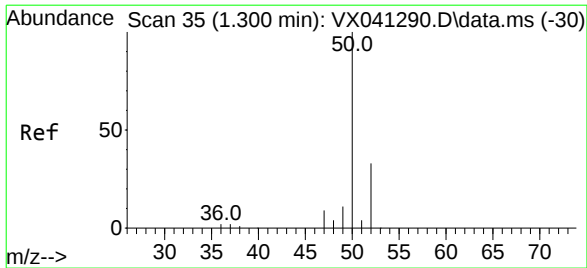
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#2
Dichlorodifluoromethane
Concen: 18.680 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

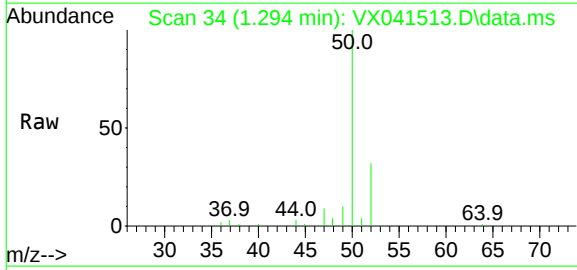
Tgt Ion: 85 Resp: 26098
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





#3
Chloromethane
Concen: 16.713 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

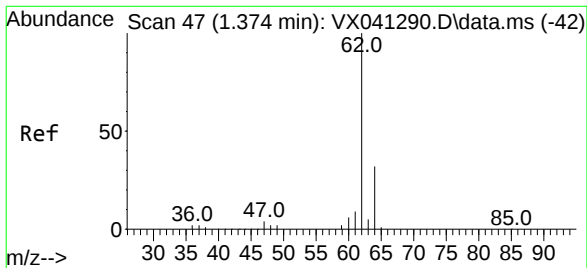
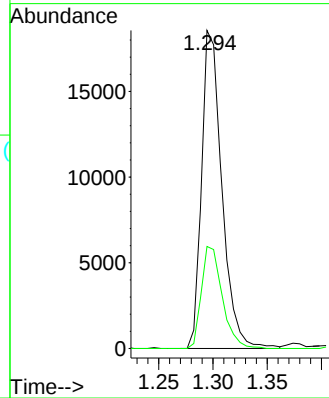
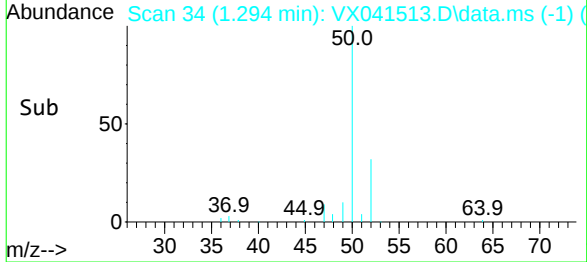
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01



Tgt Ion: 50 Resp: 24162
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3

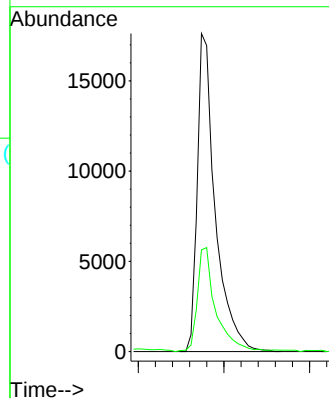
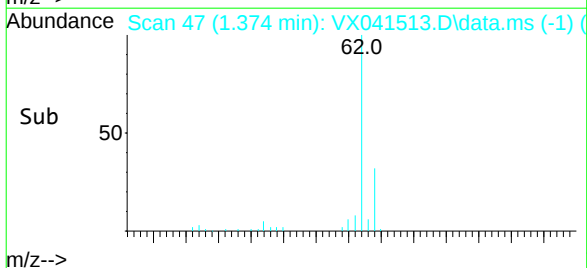
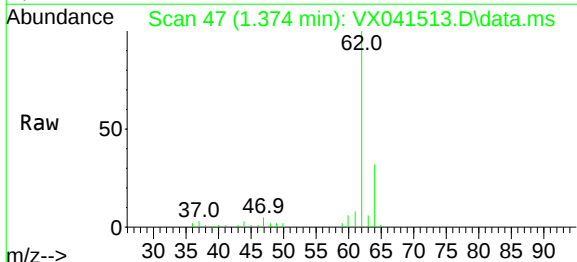
Manual Integrations
APPROVED

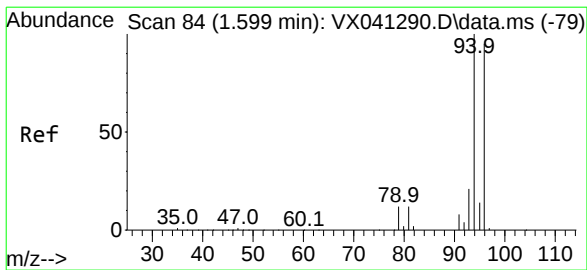
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#4
Vinyl Chloride
Concen: 18.608 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion: 62 Resp: 25645
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 20.416 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041513.D

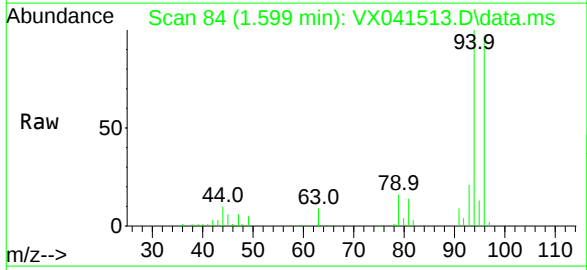
Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01



Tgt Ion: 94 Resp: 17639

Ion Ratio Lower Upper

94 100

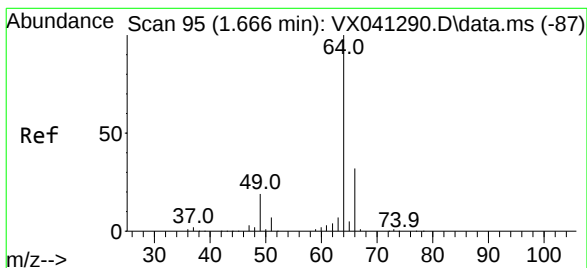
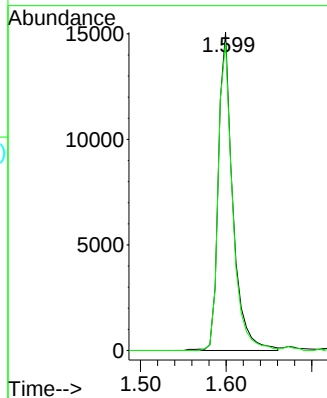
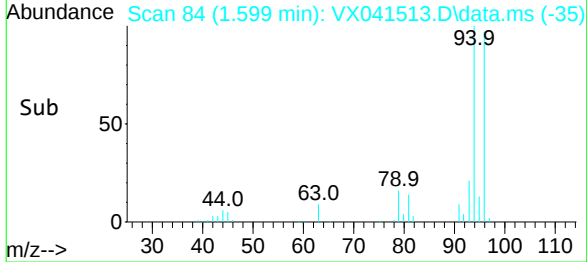
96 96.8 74.6 111.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#6

Chloroethane

Concen: 23.220 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041513.D

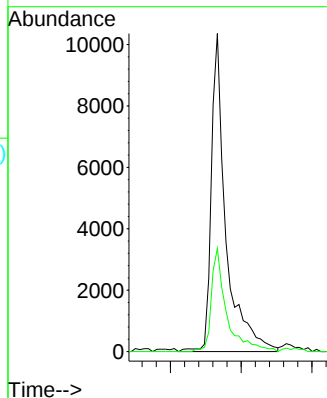
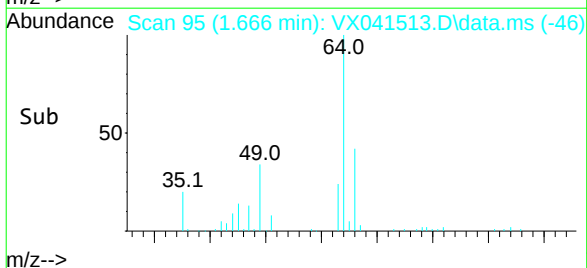
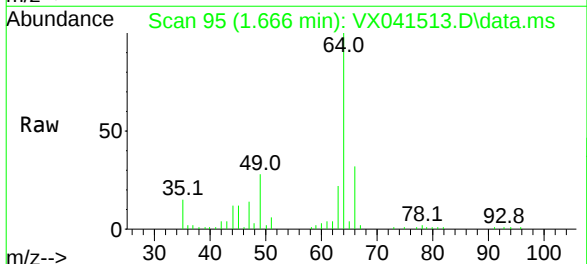
Acq: 14 May 2024 12:30

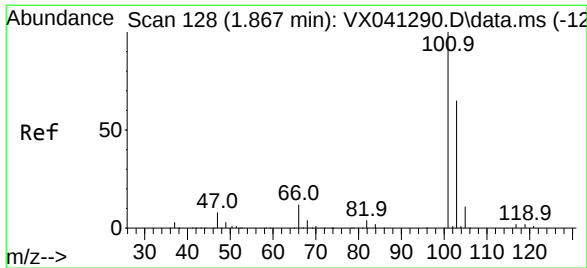
Tgt Ion: 64 Resp: 14858

Ion Ratio Lower Upper

64 100

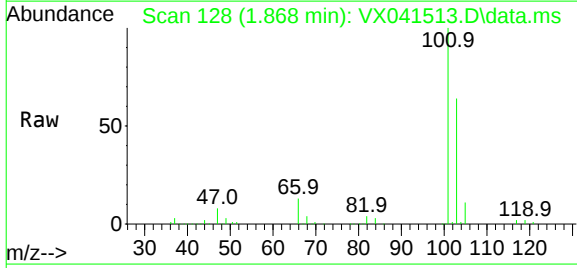
66 32.5 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 20.265 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX041513.D
 Acq: 14 May 2024 12:30

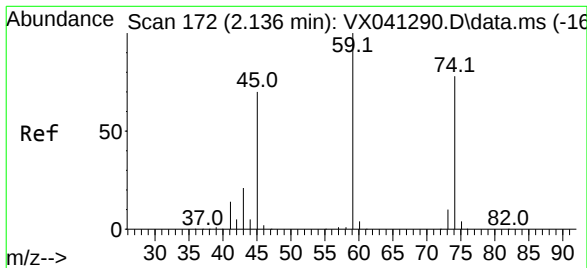
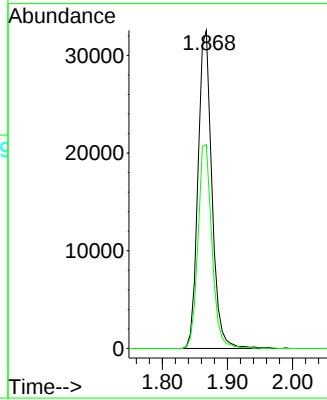
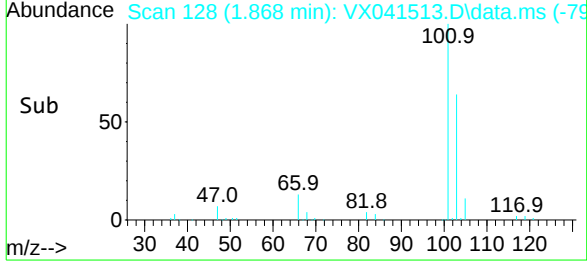
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBSD01



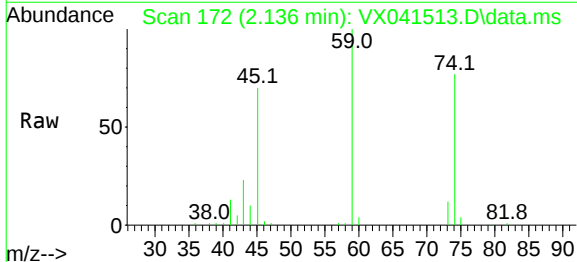
Tgt Ion:101 Resp: 48160
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.2

Manual Integrations
 APPROVED

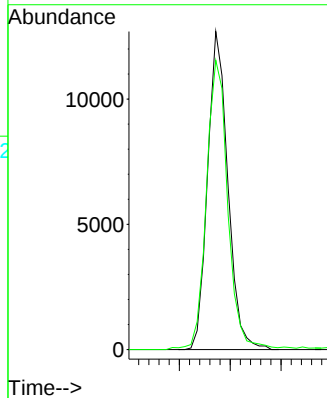
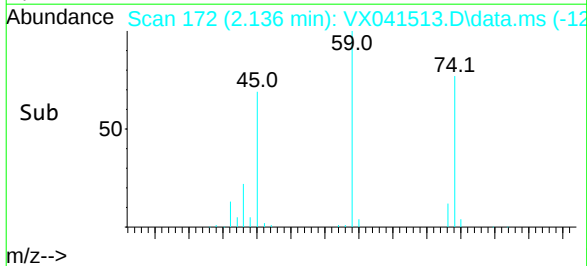
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024

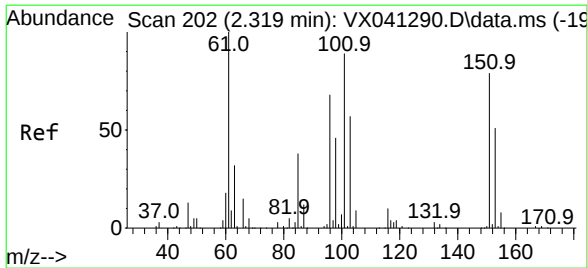


#8
 Diethyl Ether
 Concen: 20.992 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041513.D
 Acq: 14 May 2024 12:30



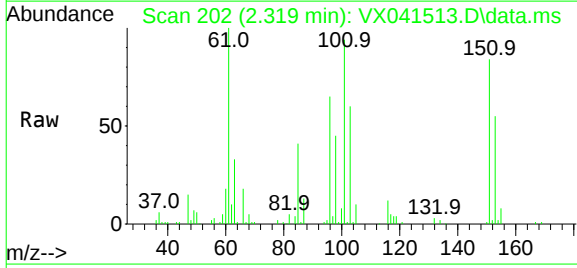
Tgt Ion: 74 Resp: 17583
 Ion Ratio Lower Upper
 74 100
 45 96.2 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.355 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

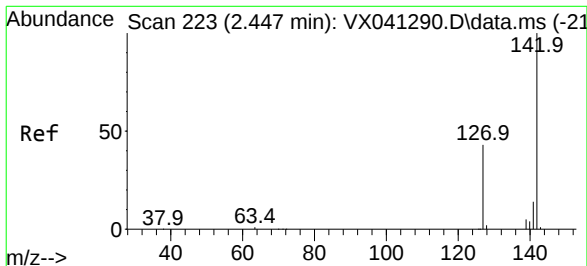
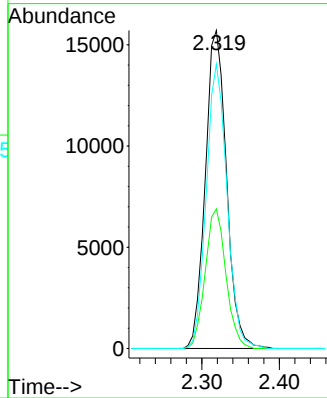
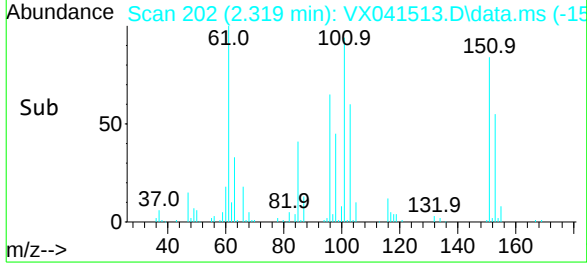
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01



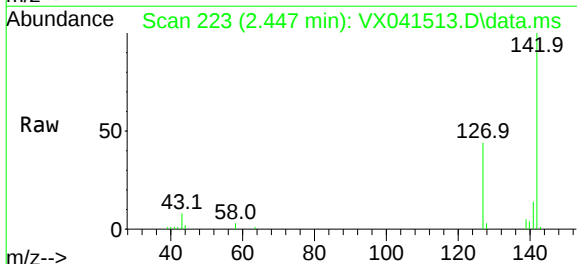
Tgt Ion:101 Resp: 29859
Ion Ratio Lower Upper
101 100
85 42.9 37.0 55.6
151 87.6 58.6 87.8

Manual Integrations
APPROVED

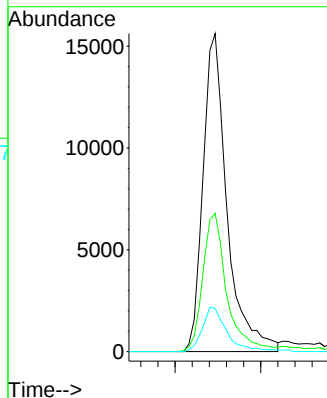
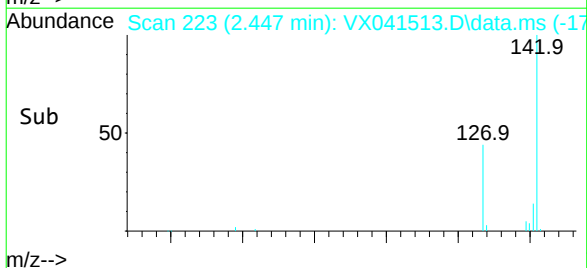
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

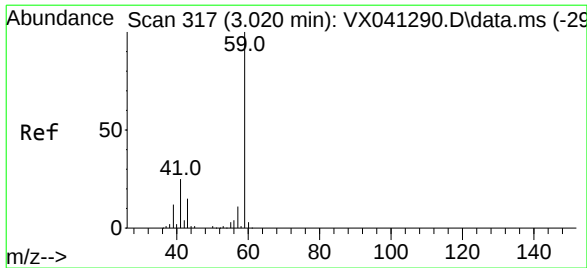


#10
Methyl Iodide
Concen: 21.131 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30



Tgt Ion:142 Resp: 30377
Ion Ratio Lower Upper
142 100
127 43.6 41.6 62.4
141 14.5 11.6 17.4





#11

Tert butyl alcohol

Concen: 100.344 ug/l

RT: 3.014 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

Tgt Ion: 59 Resp: 37175

Ion Ratio Lower Upper

59 100

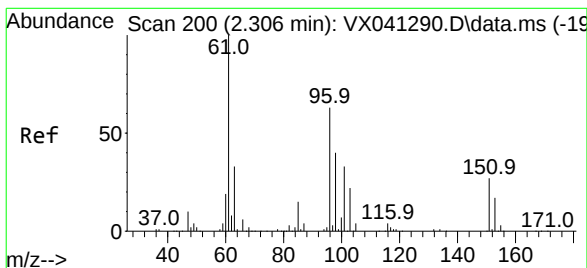
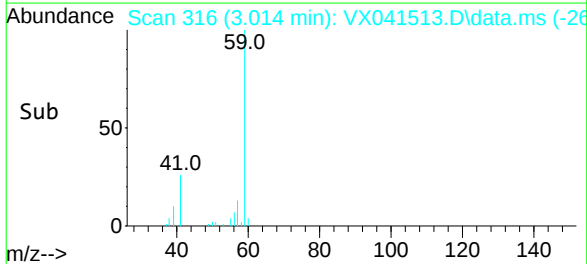
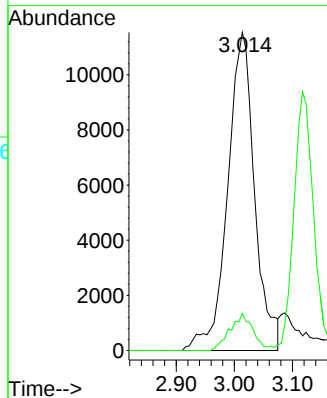
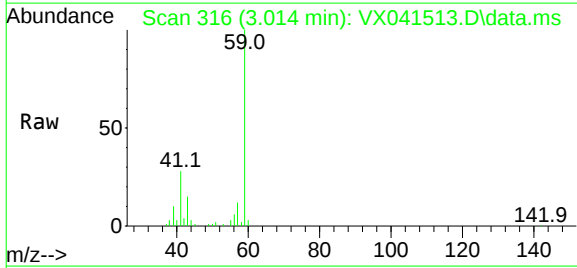
57 9.8 6.0 9.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#12

1,1-Dichloroethene

Concen: 20.699 ug/l

RT: 2.307 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

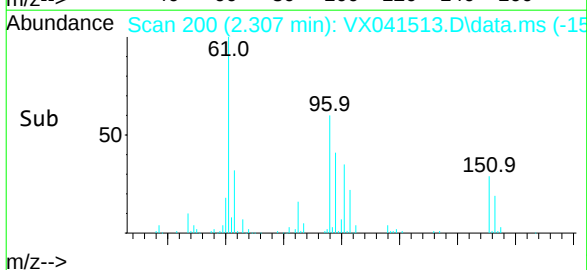
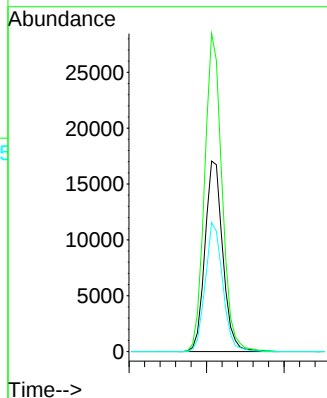
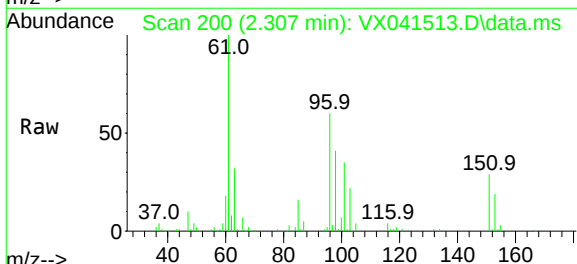
Tgt Ion: 96 Resp: 27272

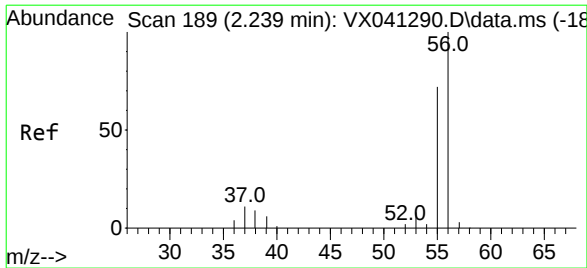
Ion Ratio Lower Upper

96 100

61 166.9 144.6 216.8

98 67.7 50.4 75.6





#13

Acrolein

Concen: 125.686 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

Tgt Ion: 56 Resp: 36940

Ion Ratio Lower Upper

56 100

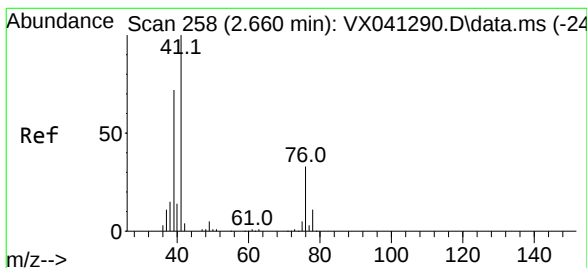
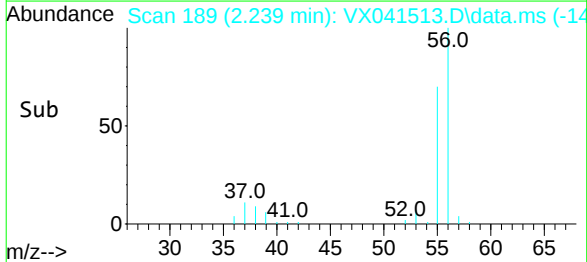
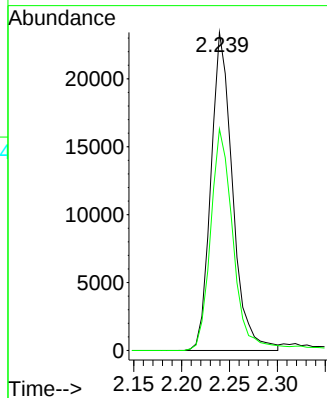
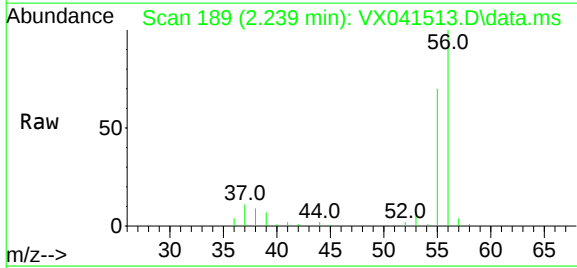
55 72.0 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#14

Allyl chloride

Concen: 21.489 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

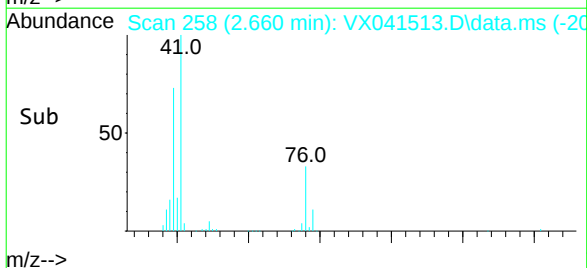
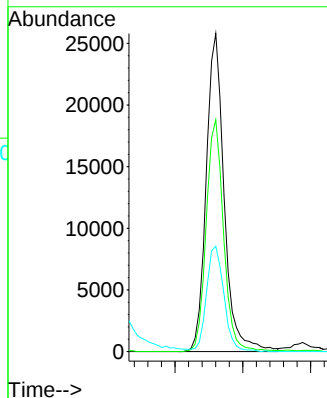
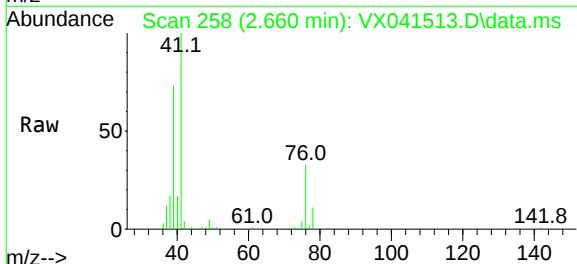
Tgt Ion: 41 Resp: 47569

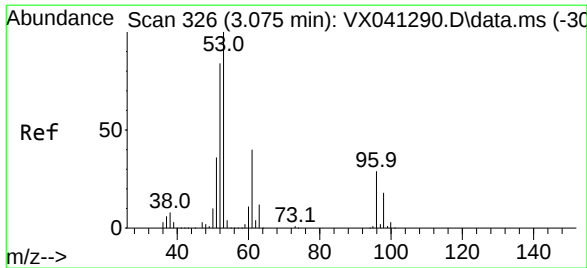
Ion Ratio Lower Upper

41 100

39 70.3 55.8 83.6

76 32.2 24.3 36.5





#15

Acrylonitrile

Concen: 108.818 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

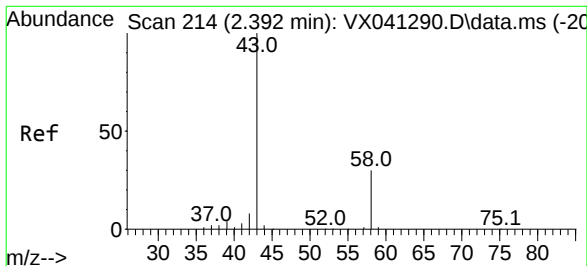
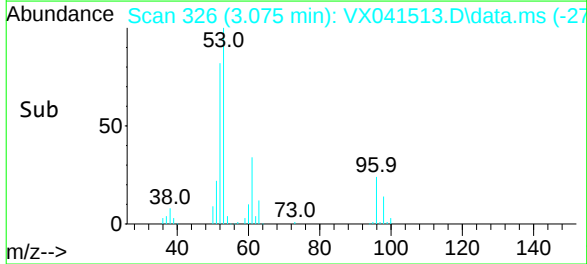
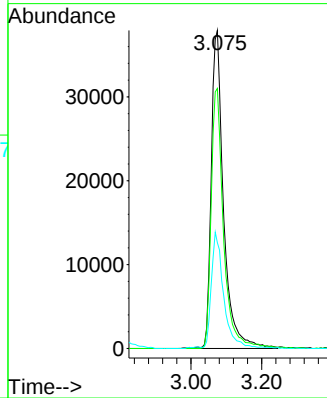
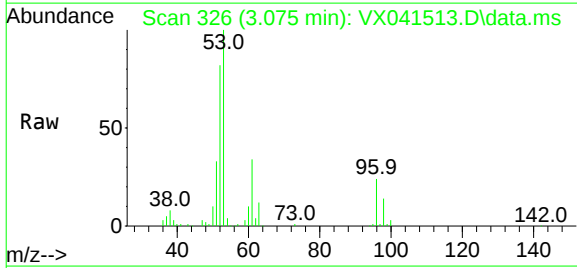
Tgt Ion:	53	Resp:	92010
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.0	99.0
51	35.1	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#16

Acetone

Concen: 106.622 ug/l

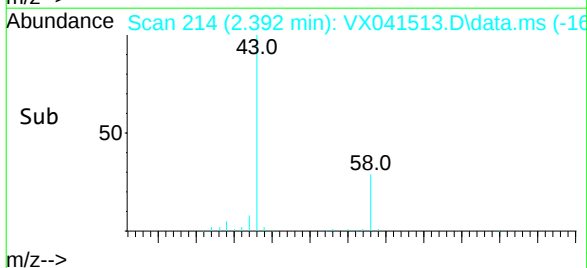
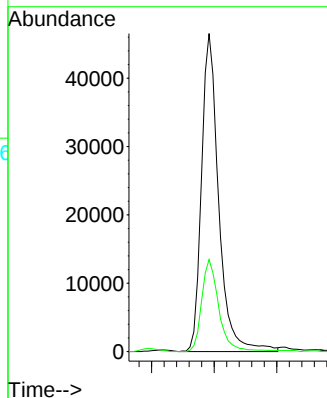
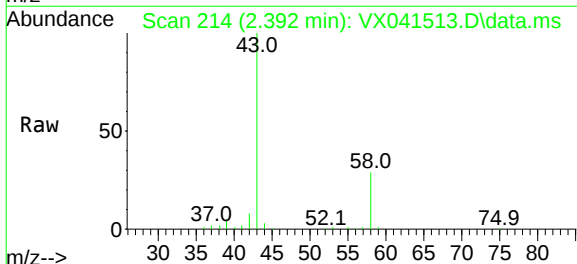
RT: 2.392 min Scan# 214

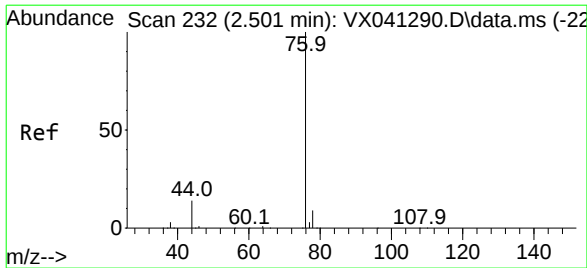
Delta R.T. -0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Tgt Ion:	43	Resp:	88736
Ion	Ratio	Lower	Upper
43	100		
58	28.9	21.9	32.9





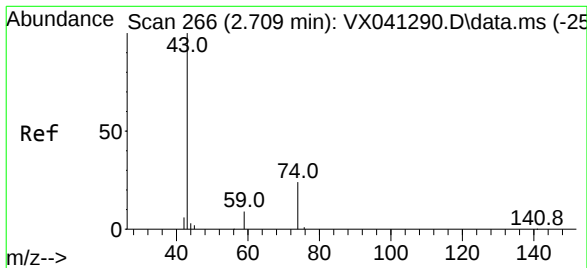
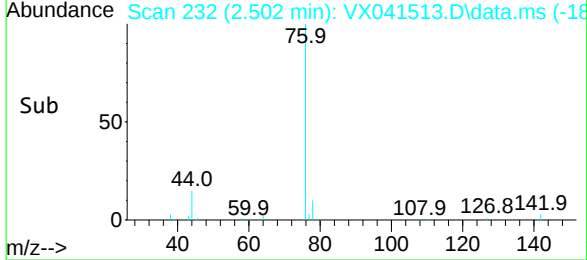
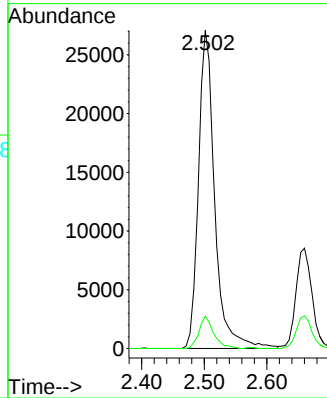
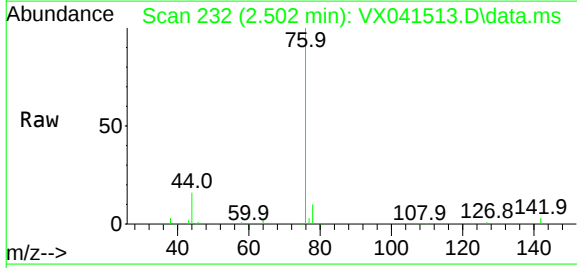
#17
Carbon Disulfide
Concen: 15.770 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.001 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion: 76 Resp: 48843
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.6

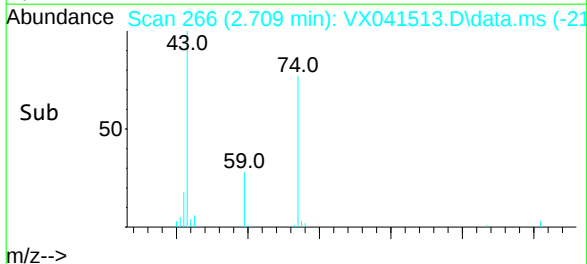
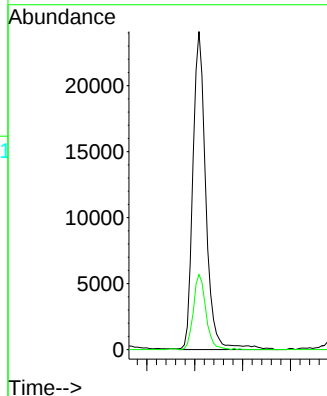
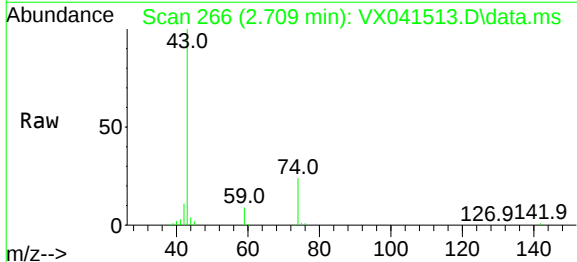
Manual Integrations
APPROVED

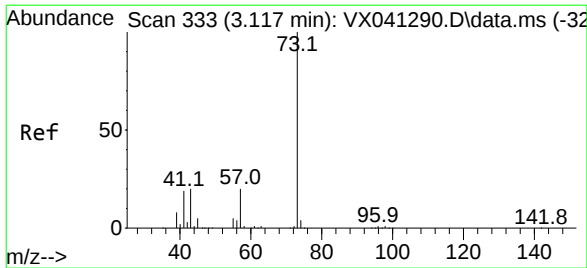
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#18
Methyl Acetate
Concen: 23.914 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion: 43 Resp: 45287
Ion Ratio Lower Upper
43 100
74 22.7 17.8 26.8





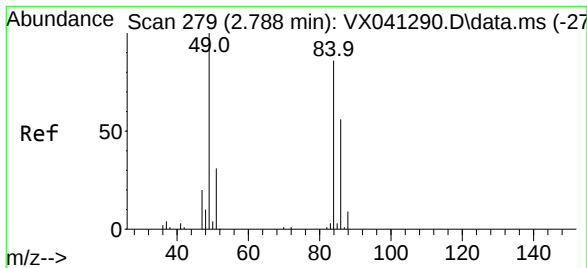
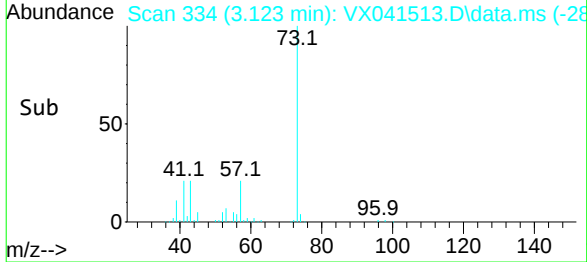
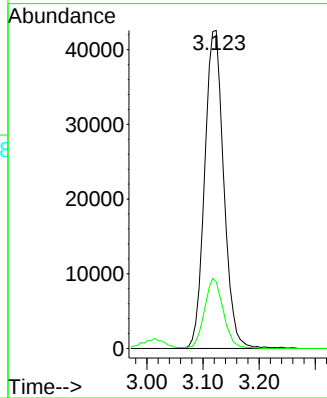
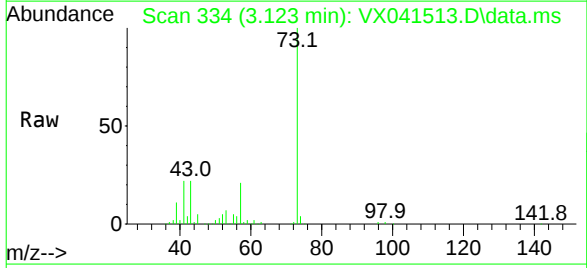
#19
Methyl tert-butyl Ether
Concen: 20.943 ug/l
RT: 3.123 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion: 73 Resp: 100588
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

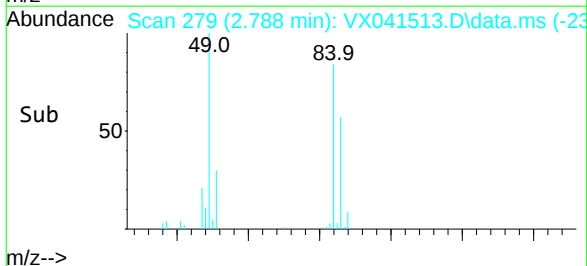
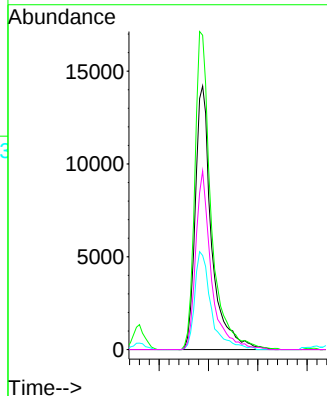
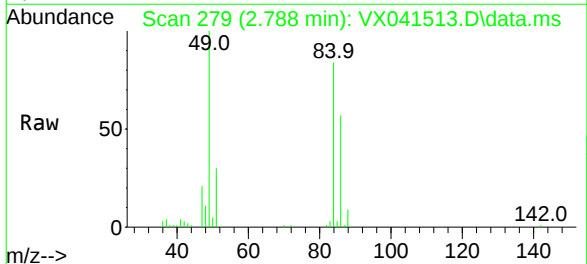
Manual Integrations
APPROVED

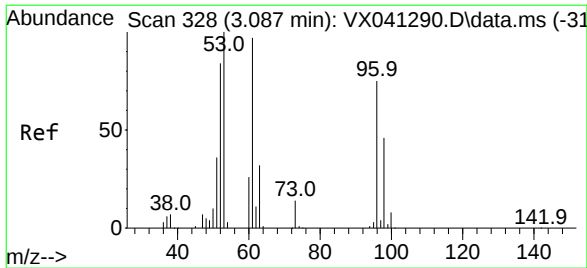
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#20
Methylene Chloride
Concen: 20.299 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion: 84 Resp: 32618
Ion Ratio Lower Upper
84 100
49 119.3 103.6 155.4
51 35.7 33.8 50.6
86 67.8 49.4 74.0





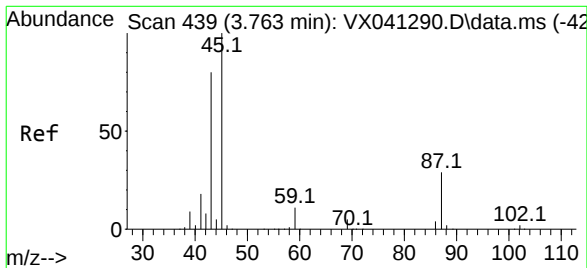
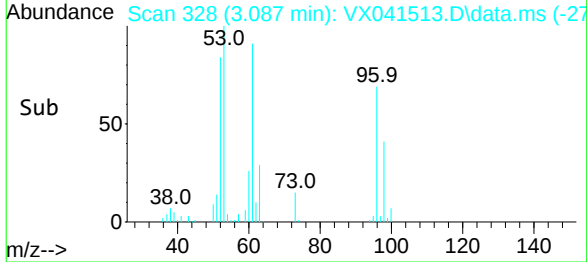
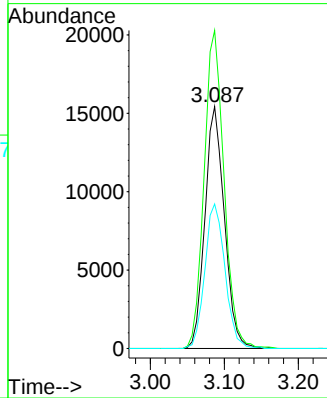
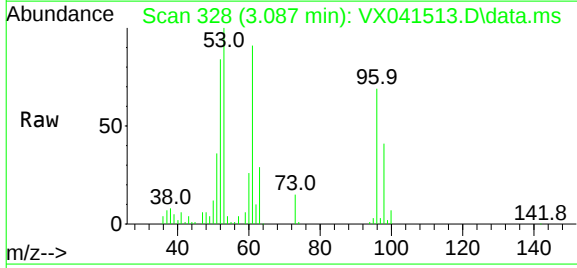
#21
trans-1,2-Dichloroethene
Concen: 19.151 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.5	119.2	178.8
98	59.7	48.7	73.1

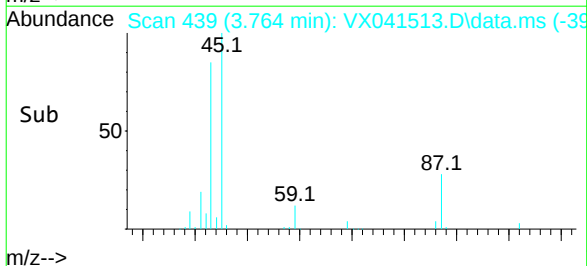
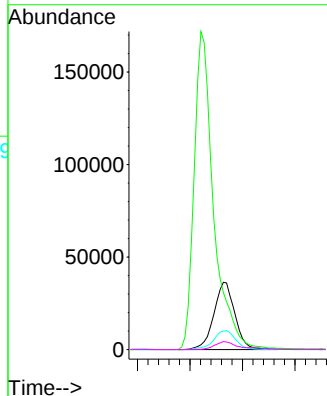
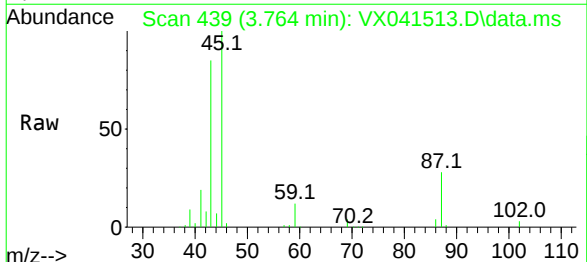
Manual Integrations
APPROVED

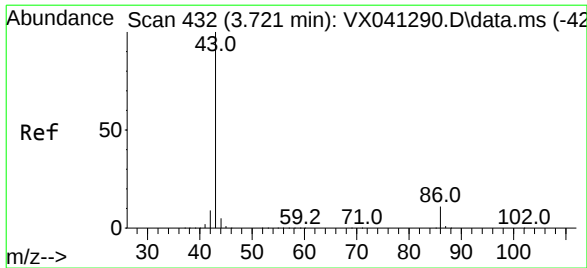
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#22
Diisopropyl ether
Concen: 21.523 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion	Ratio	Lower	Upper
45	100		
43	84.3	69.7	104.5
87	27.6	20.8	31.2
59	11.9	9.0	13.4





#23

Vinyl Acetate

Concen: 105.992 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

Tgt Ion: 43 Resp: 444802

Ion Ratio Lower Upper

43 100

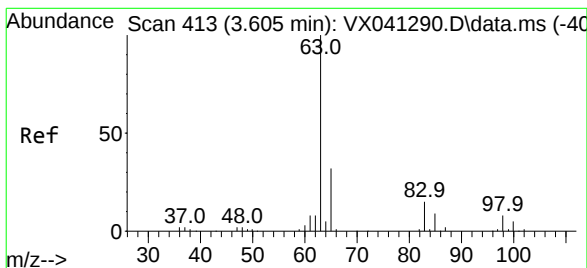
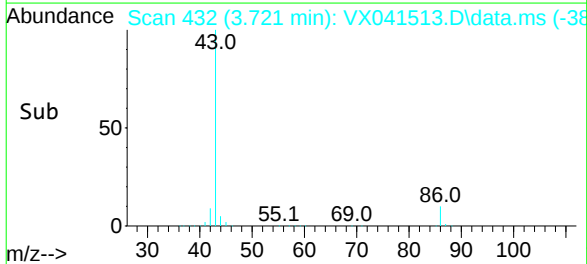
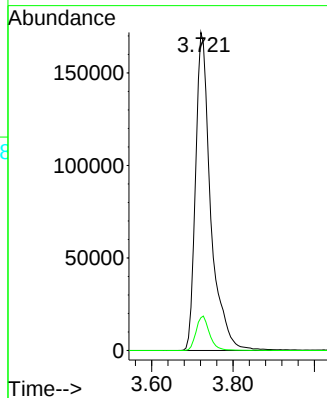
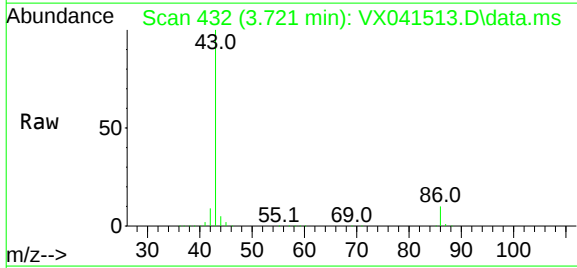
86 10.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#24

1,1-Dichloroethane

Concen: 20.999 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

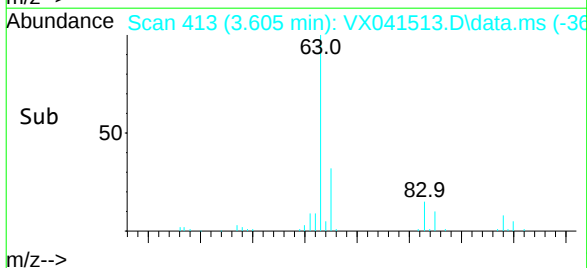
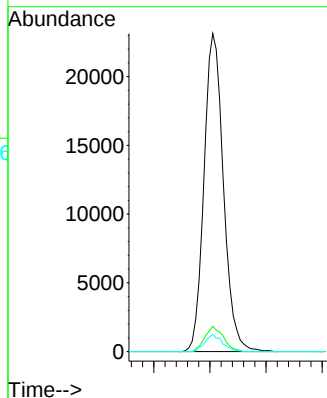
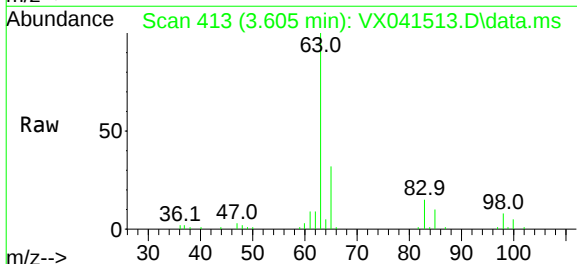
Tgt Ion: 63 Resp: 55654

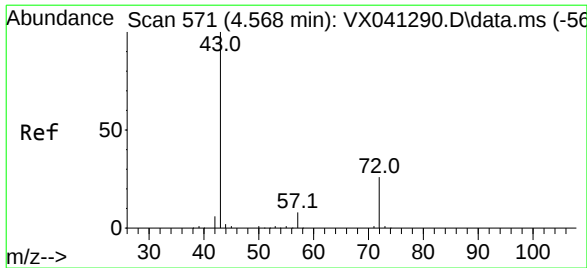
Ion Ratio Lower Upper

63 100

98 8.0 3.3 9.8

100 5.4 2.1 6.5





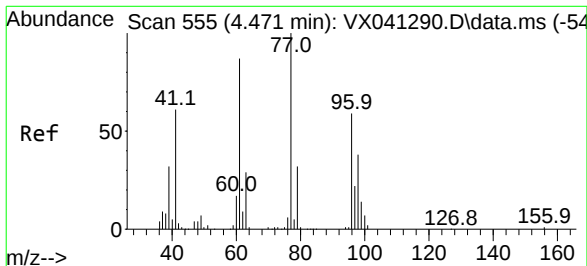
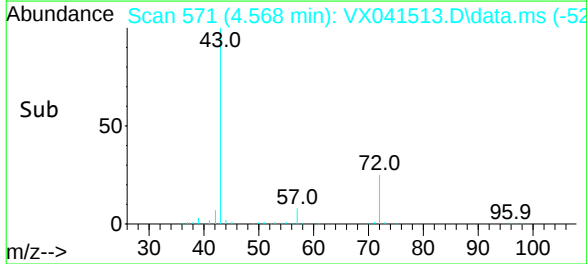
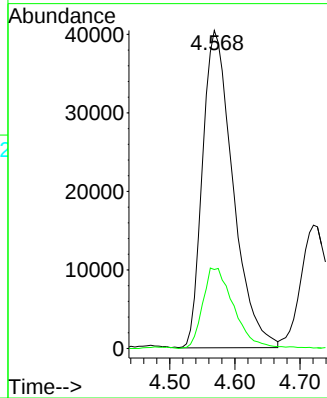
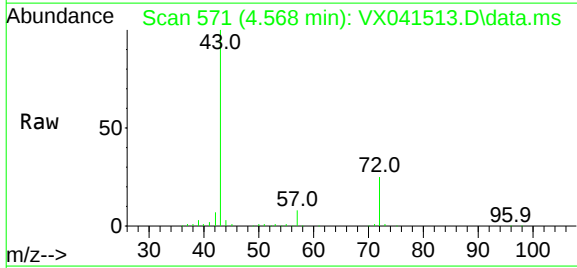
#25
2-Butanone
Concen: 109.440 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion: 43 Resp: 131109
Ion Ratio Lower Upper
43 100
72 24.9 19.4 29.2

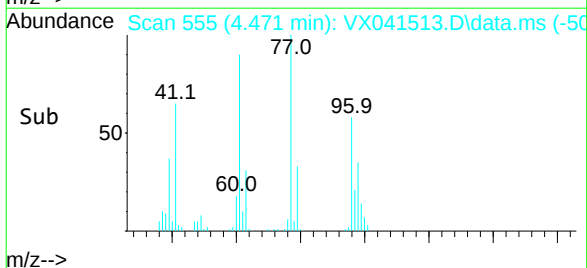
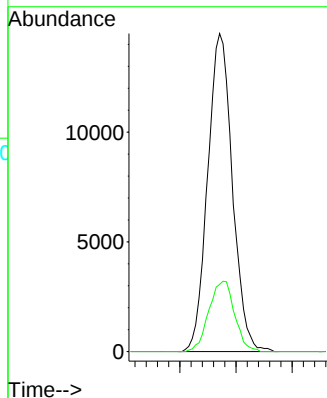
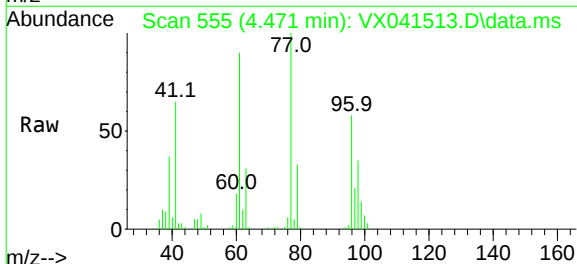
Manual Integrations
APPROVED

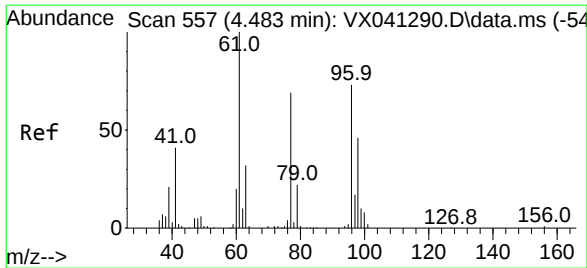
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#26
2,2-Dichloropropane
Concen: 20.015 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

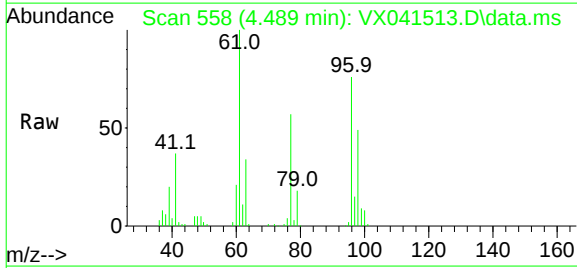
Tgt Ion: 77 Resp: 44353
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 20.482 ug/l
RT: 4.489 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

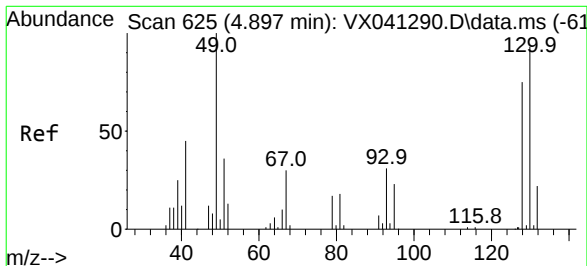
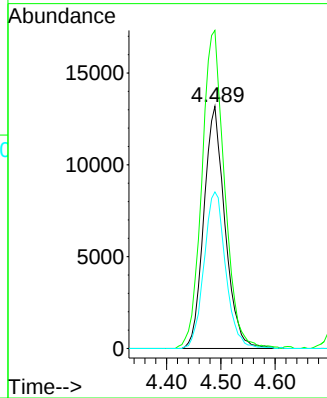
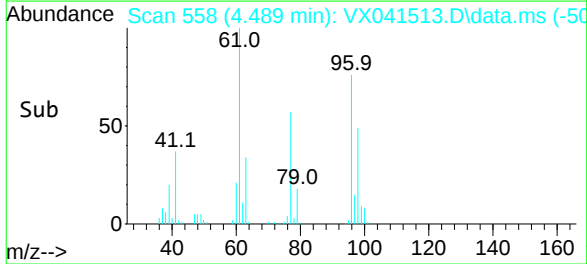
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01



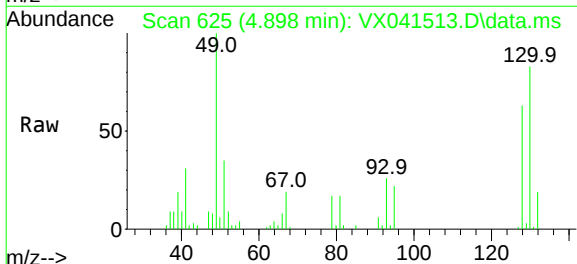
Tgt Ion: 96 Resp: 35709
Ion Ratio Lower Upper
96 100
61 141.3 0.0 312.2
98 66.3 0.0 129.0

Manual Integrations
APPROVED

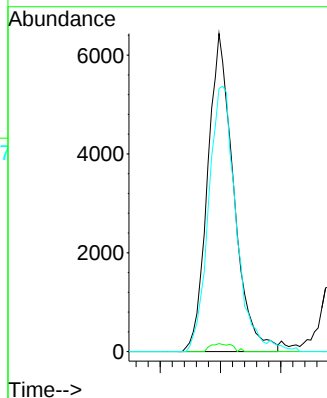
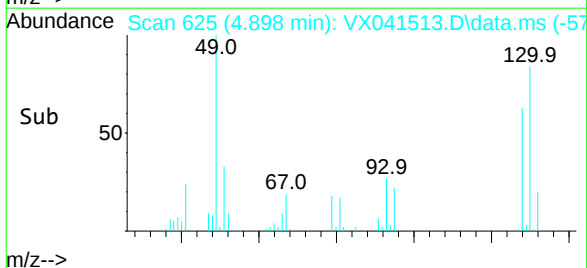
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

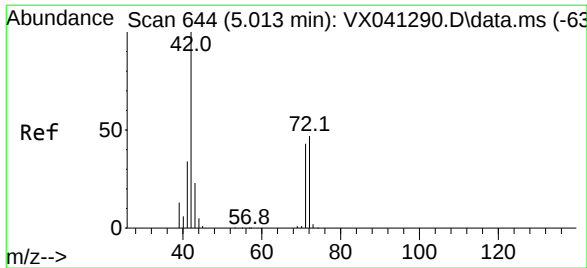


#28
Bromochloromethane
Concen: 20.412 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30



Tgt Ion: 49 Resp: 19307
Ion Ratio Lower Upper
49 100
129 2.1 0.0 3.8
130 86.7 57.5 86.3#





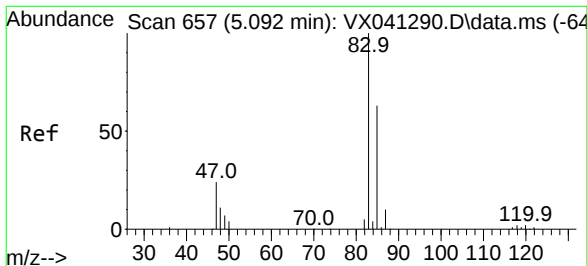
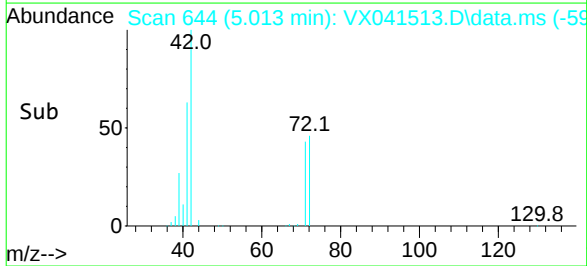
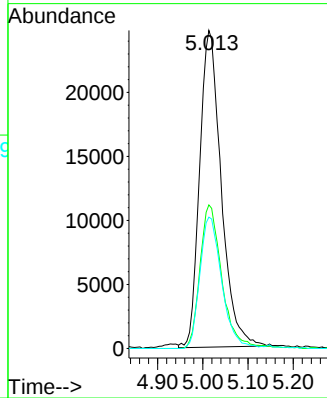
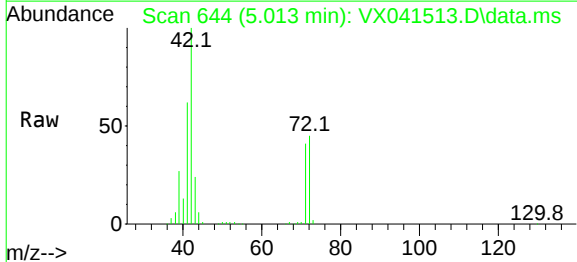
#29
Tetrahydrofuran
Concen: 104.703 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion:	42	Resp:	82033
Ion	Ratio	Lower	Upper
42	100		
72	46.2	34.2	51.4
71	41.9	32.2	48.2

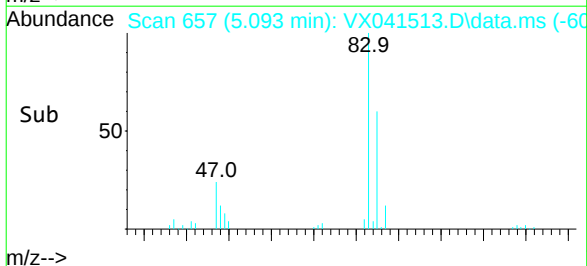
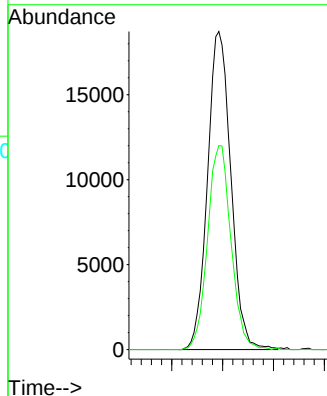
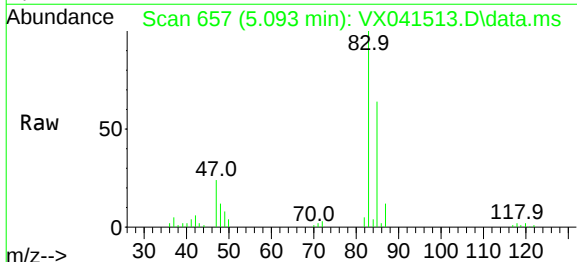
Manual Integrations
APPROVED

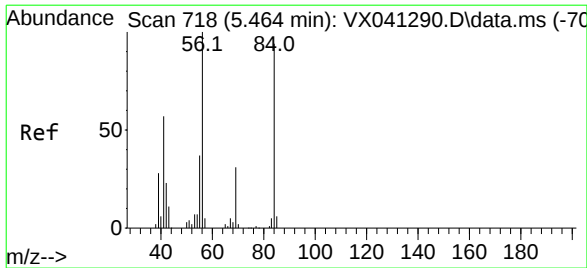
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#30
Chloroform
Concen: 21.657 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion:	83	Resp:	59717
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.3	75.5





#31

Cyclohexane

Concen: 19.388 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

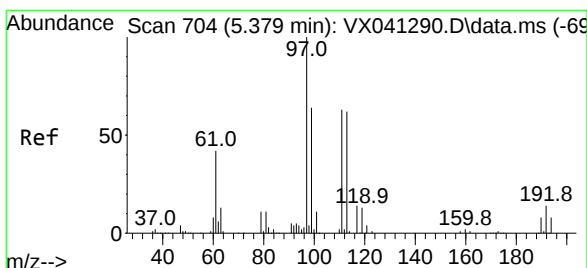
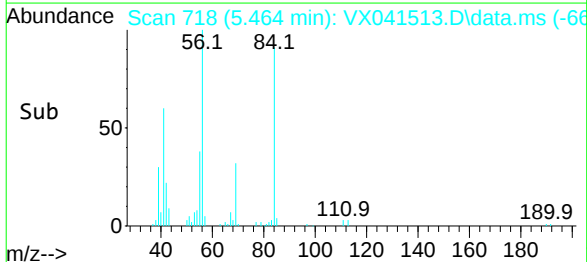
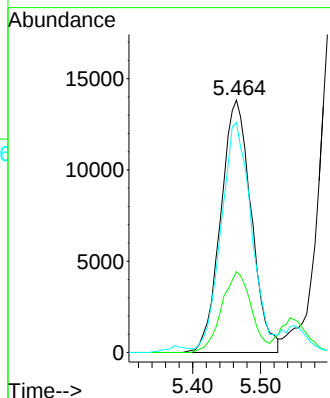
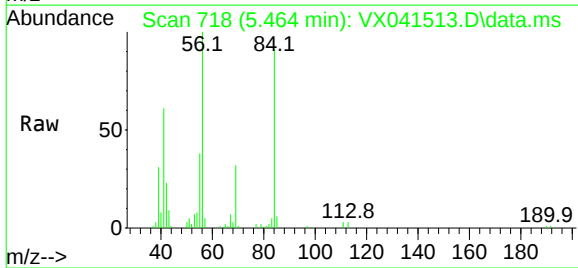
ClientSampleId :

VX0514WBSD01

Tgt Ion:	56	Resp:	43311
Ion	Ratio	Lower	Upper
56	100		
69	32.0	23.4	35.2
84	89.0	65.9	98.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#32

1,1,1-Trichloroethane

Concen: 20.557 ug/l

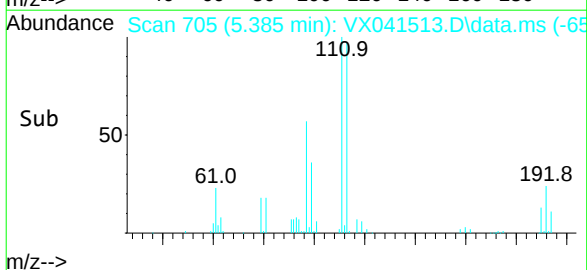
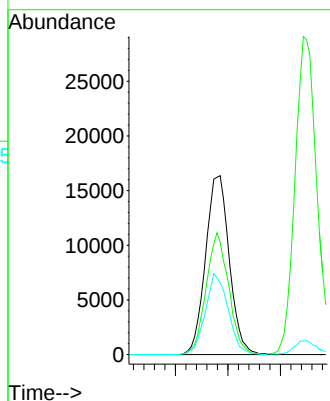
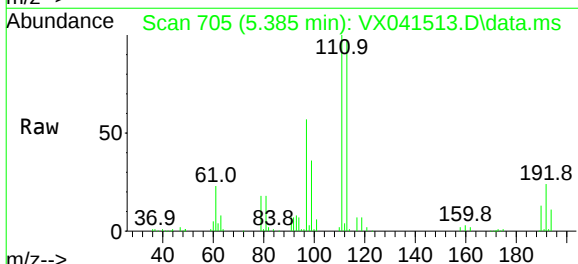
RT: 5.385 min Scan# 705

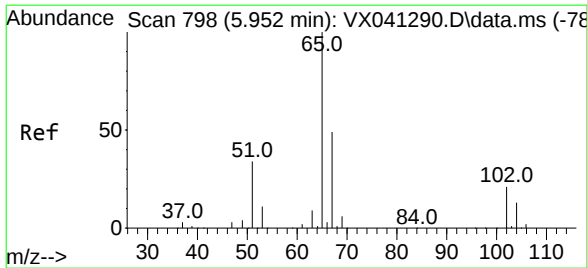
Delta R.T. 0.006 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Tgt Ion:	97	Resp:	51570
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.1	76.7
61	43.3	36.4	54.6





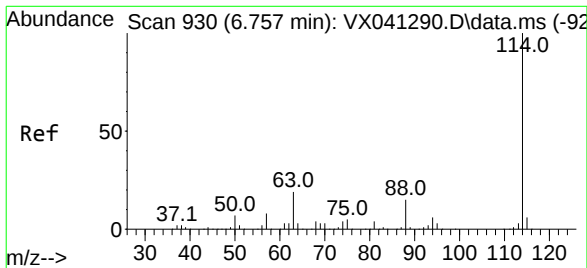
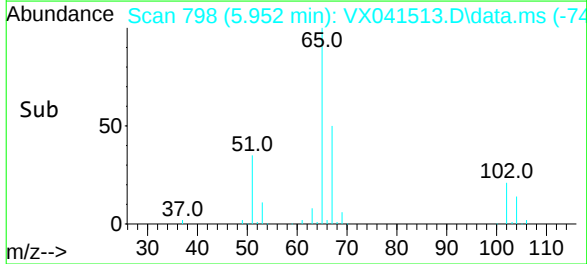
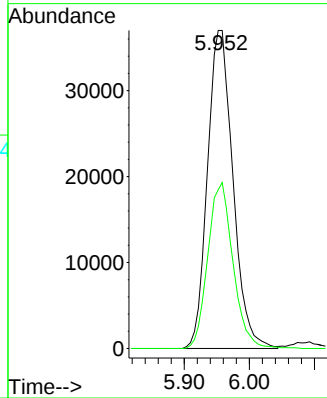
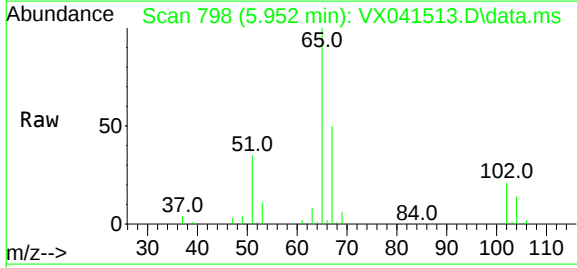
#33
1,2-Dichloroethane-d4
Concen: 54.349 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion: 65 Resp: 100599
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

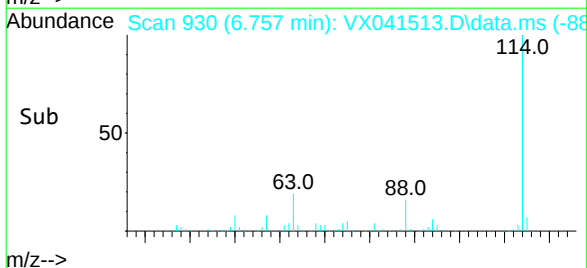
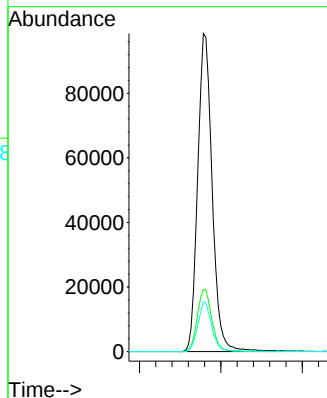
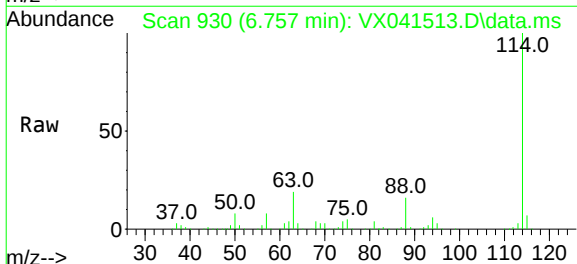
Manual Integrations
APPROVED

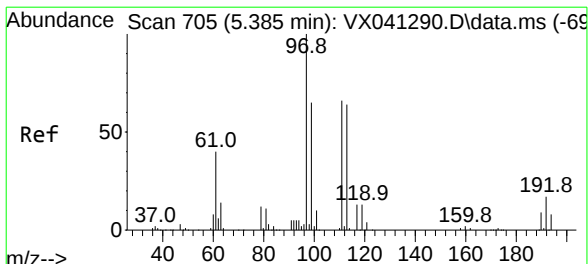
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion:114 Resp: 243425
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.7 0.0 36.6





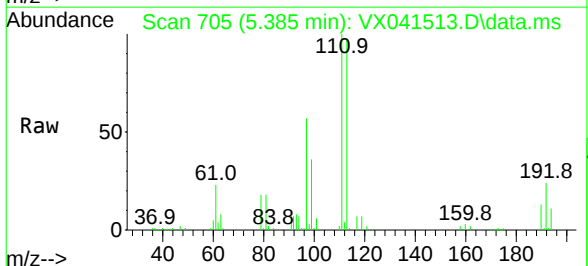
#35
 Dibromofluoromethane
 Concen: 49.657 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX041513.D
 Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

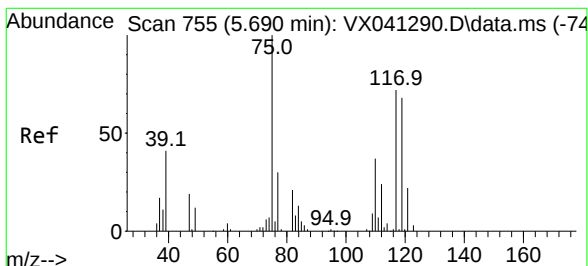
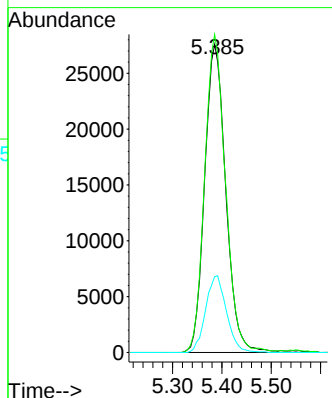
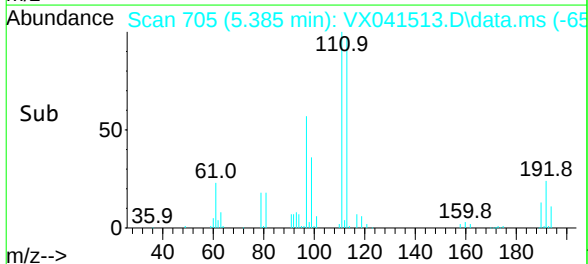
VX0514WBSD01



Tgt Ion:	113	Resp:	81915
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	24.7	13.3	19.9

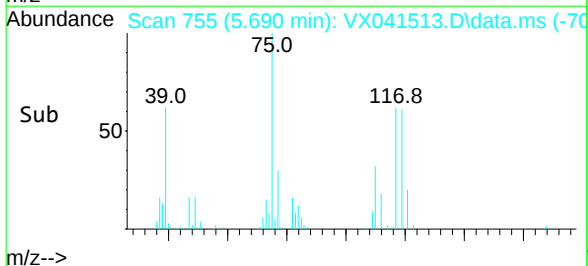
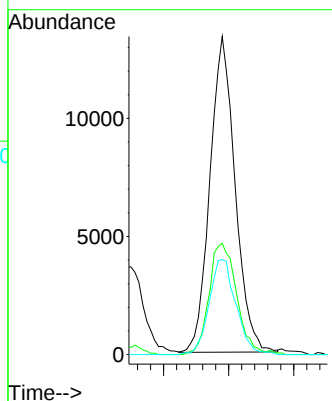
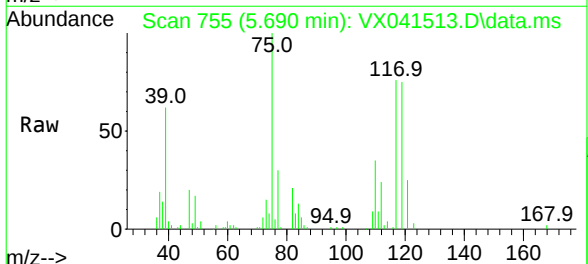
Manual Integrations
 APPROVED

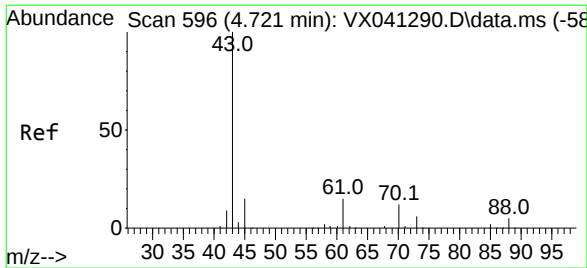
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#36
 1,1-Dichloropropene
 Concen: 18.235 ug/l
 RT: 5.690 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VX041513.D
 Acq: 14 May 2024 12:30

Tgt Ion:	75	Resp:	35969
Ion	Ratio	Lower	Upper
75	100		
110	38.7	17.0	50.9
77	32.1	24.7	37.1





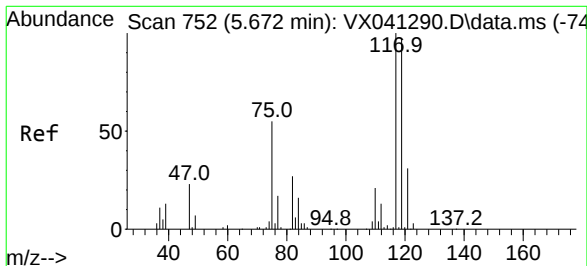
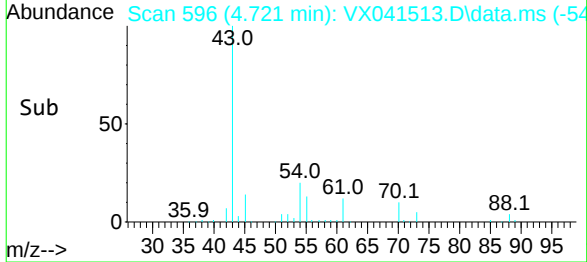
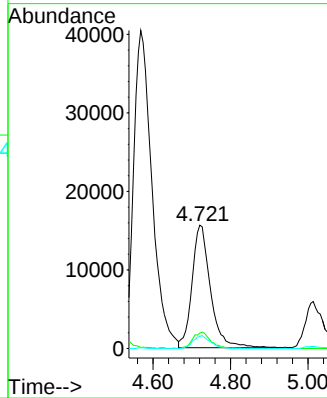
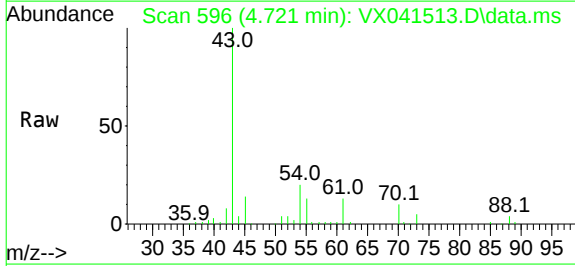
#37
Ethyl Acetate
Concen: 20.843 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion: 43	Resp: 51299
Ion Ratio	Lower Upper
43 100	
61 13.1	10.6 16.0
70 9.8	8.3 12.5

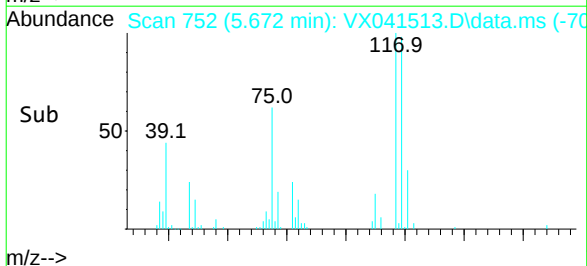
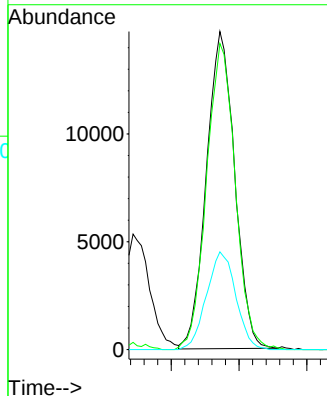
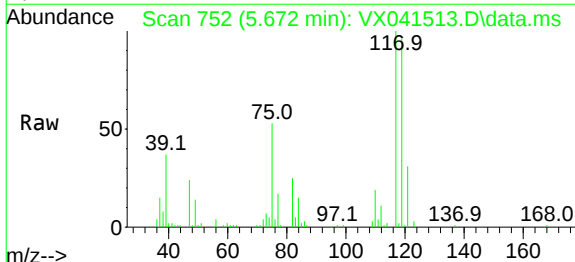
Manual Integrations
APPROVED

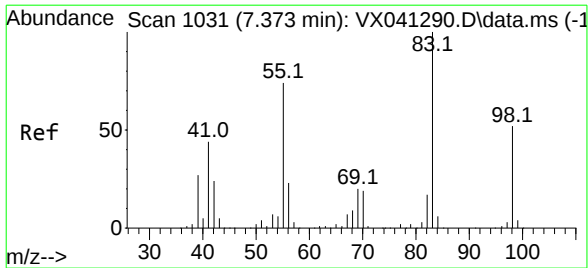
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#38
Carbon Tetrachloride
Concen: 18.857 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

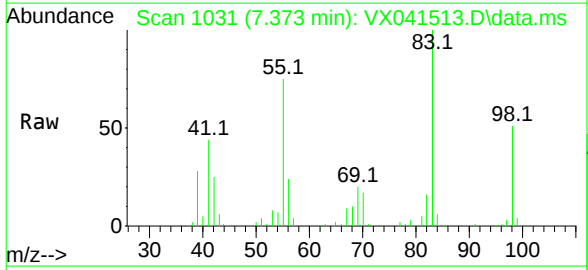
Tgt Ion: 117	Resp: 42612
Ion Ratio	Lower Upper
117 100	
119 96.1	78.2 117.2
121 30.9	24.4 36.6





#39
Methylcyclohexane
Concen: 19.446 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

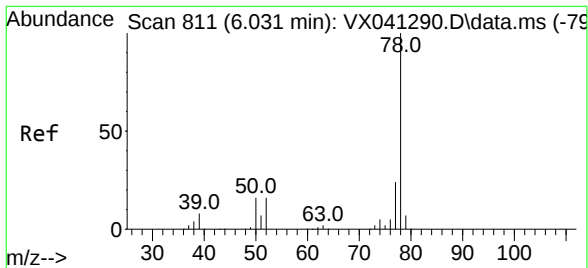
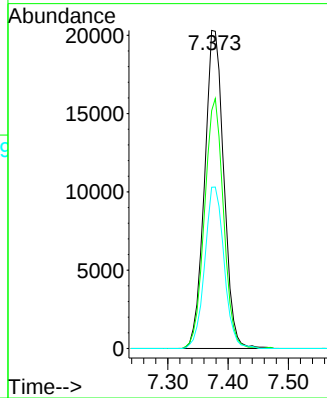
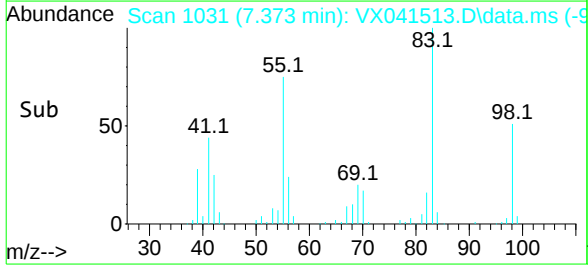
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01



Tgt Ion: 83 Resp: 45063
Ion Ratio Lower Upper
83 100
55 74.8 64.6 97.0
98 50.7 36.7 55.1

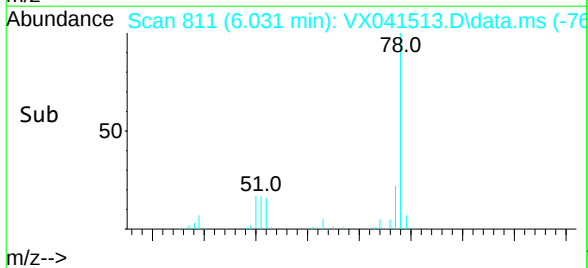
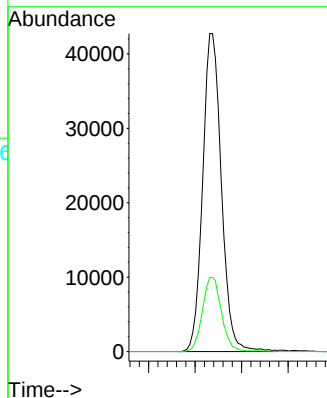
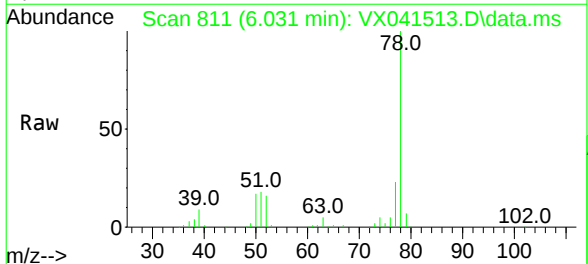
Manual Integrations
APPROVED

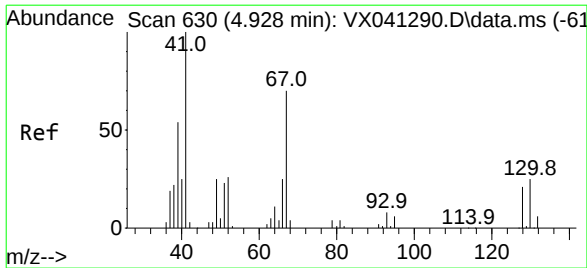
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#40
Benzene
Concen: 19.642 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion: 78 Resp: 119440
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





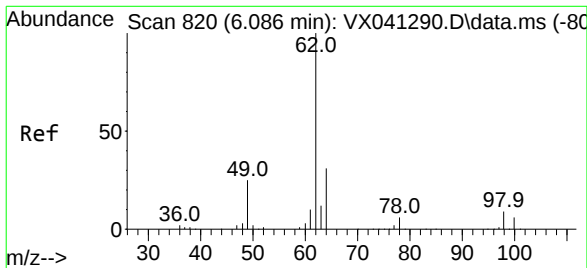
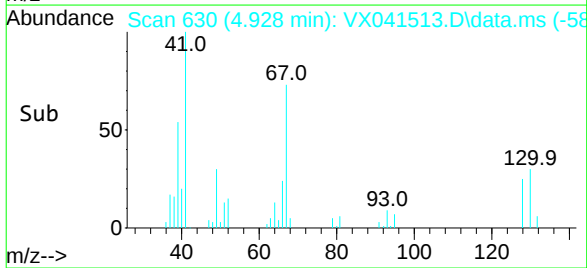
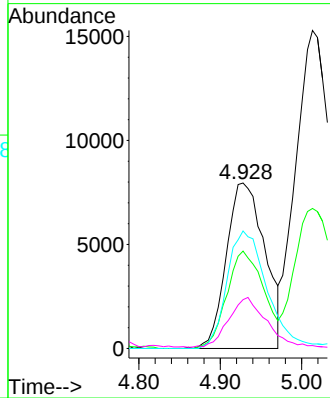
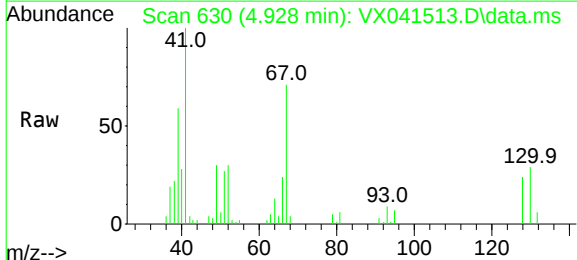
#41
Methacrylonitrile
Concen: 20.655 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion:	41	Resp:	26164
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.2	67.8
67	75.3	52.6	78.8
52	31.8	22.7	34.1

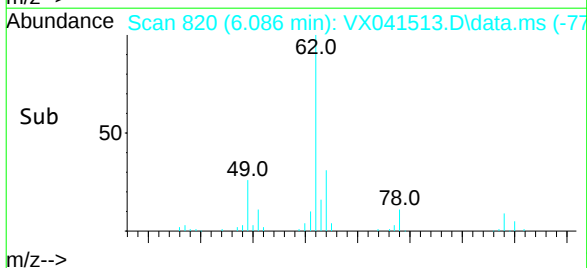
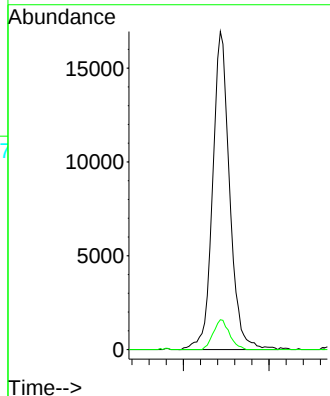
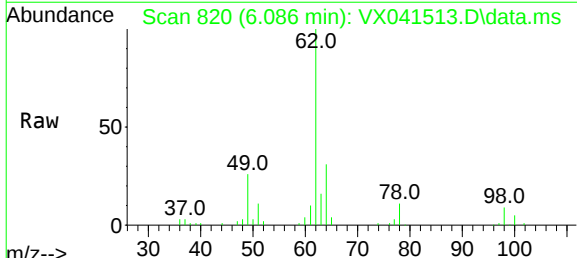
Manual Integrations
APPROVED

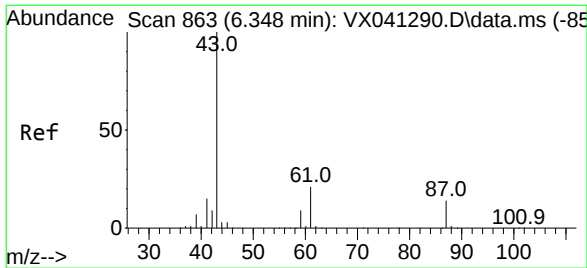
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#42
1,2-Dichloroethane
Concen: 20.967 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion:	62	Resp:	46726
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.0





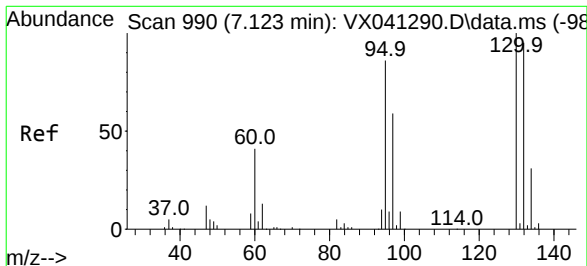
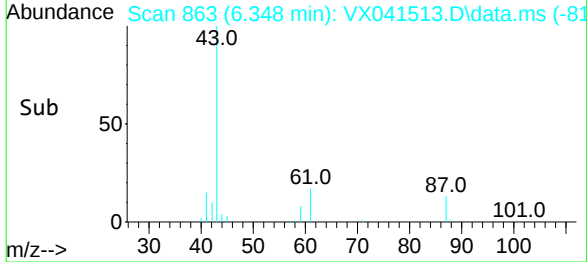
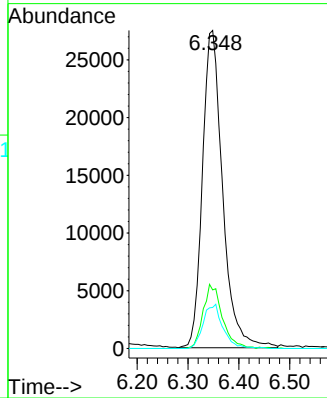
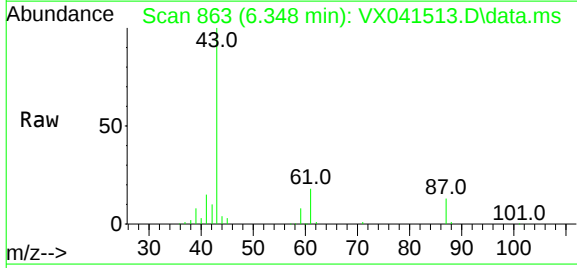
#43
Isopropyl Acetate
Concen: 20.461 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.2	22.8
87	13.7	9.8	14.6

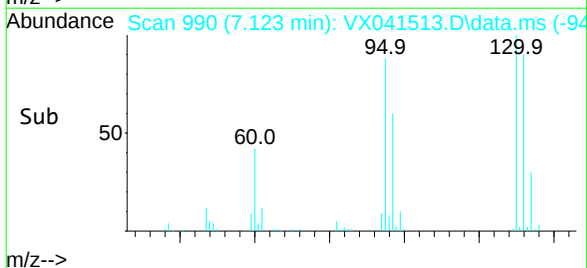
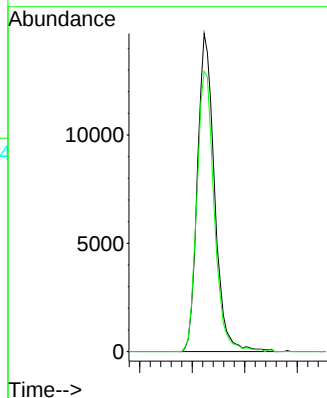
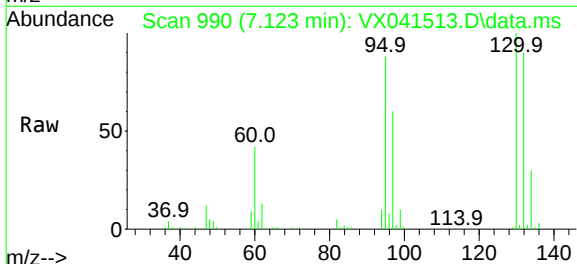
Manual Integrations
APPROVED

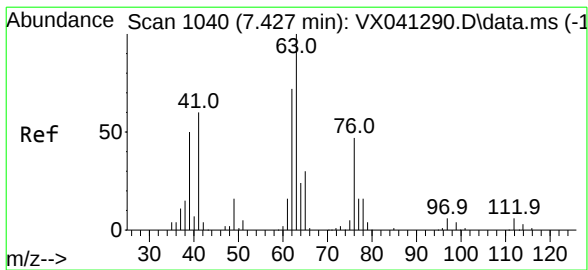
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#44
Trichloroethene
Concen: 20.636 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.0	0.0	204.4





#45

1,2-Dichloropropane

Concen: 21.857 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

Tgt Ion: 63 Resp: 29696

Ion Ratio Lower Upper

63 100

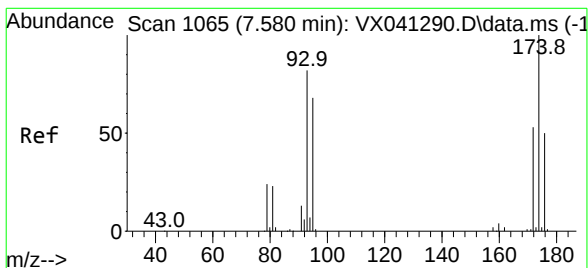
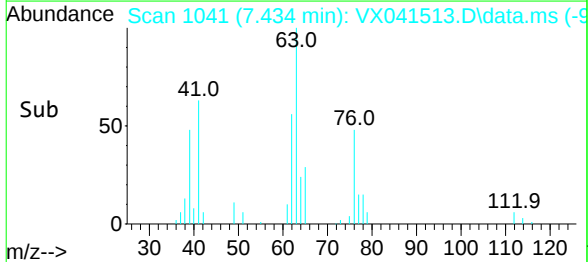
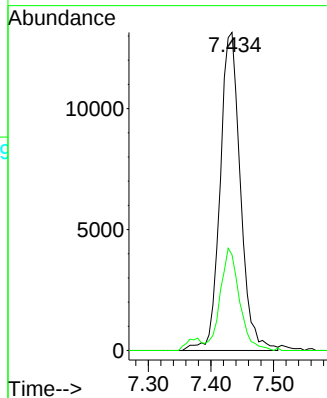
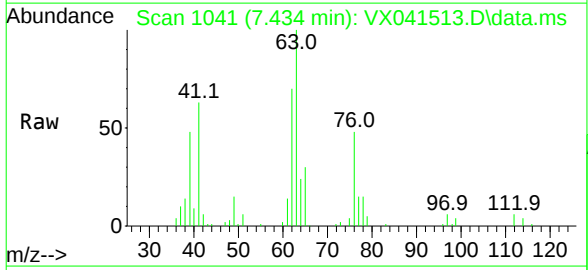
65 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#46

Dibromomethane

Concen: 20.546 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

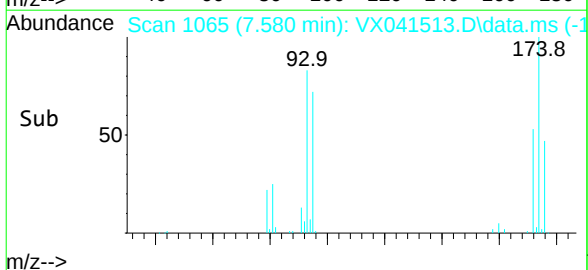
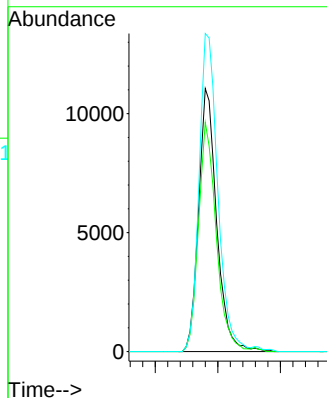
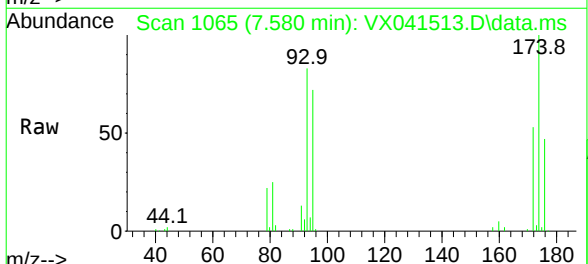
Tgt Ion: 93 Resp: 22222

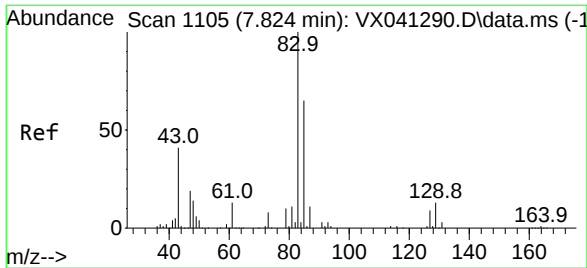
Ion Ratio Lower Upper

93 100

95 85.4 66.6 100.0

174 124.6 69.4 104.0#





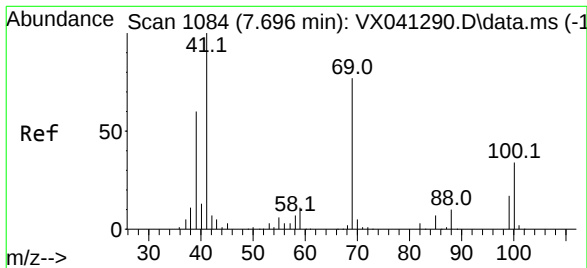
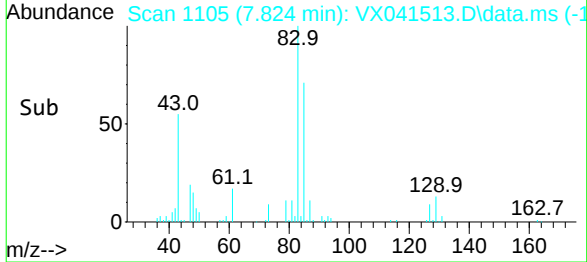
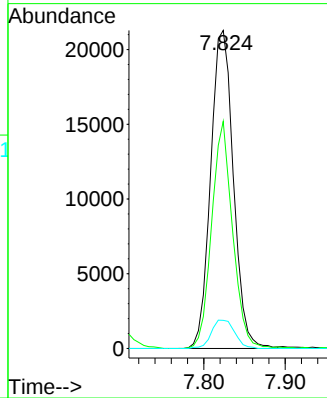
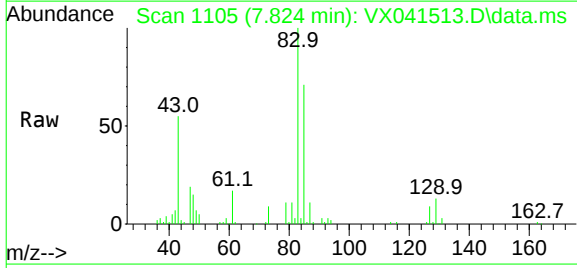
#47
Bromodichloromethane
Concen: 21.465 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	71.4	49.8	74.6
127	8.9	7.1	10.7

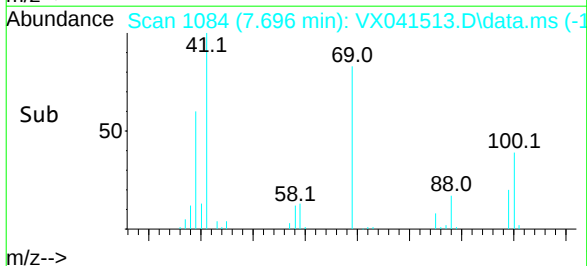
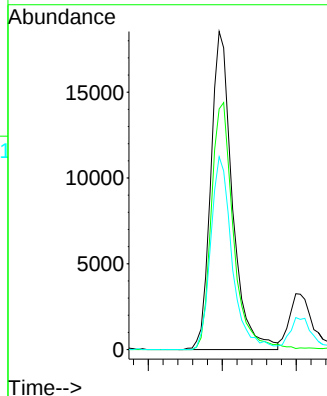
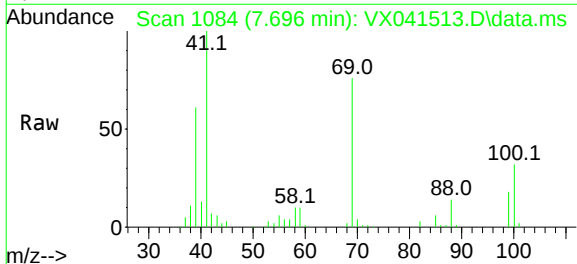
Manual Integrations
APPROVED

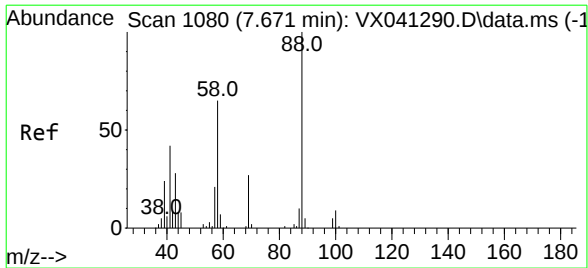
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#48
Methyl methacrylate
Concen: 22.086 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

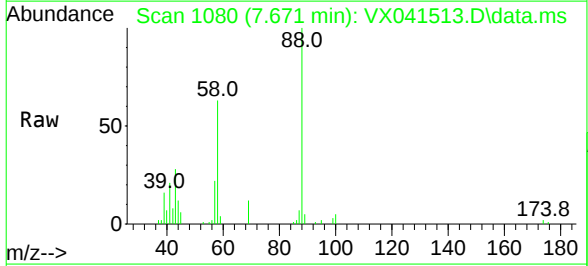
Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.7	59.2	88.8
39	60.2	47.7	71.5





#49
1,4-Dioxane
Concen: 439.929 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

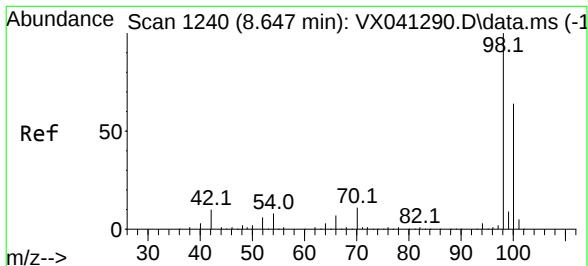
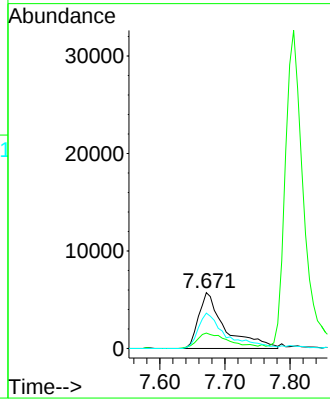
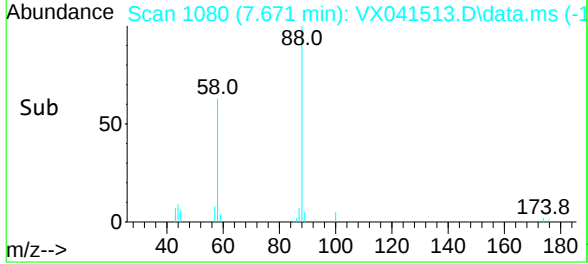
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01



Tgt Ion: 88 Resp: 16135
Ion Ratio Lower Upper
88 100
43 33.5 0.0 0.0#
58 66.2 60.1 90.1

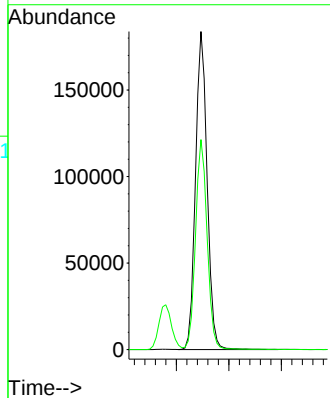
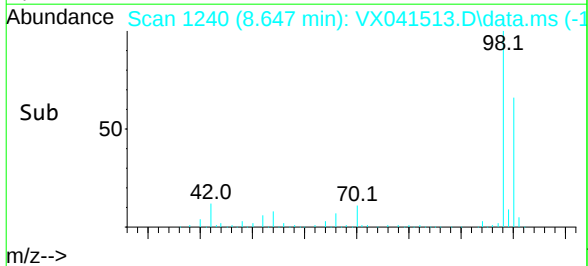
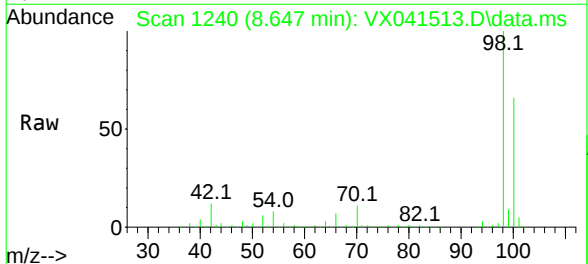
Manual Integrations
APPROVED

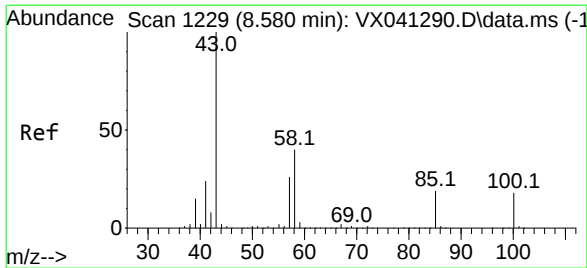
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#50
Toluene-d8
Concen: 54.055 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion: 98 Resp: 282230
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





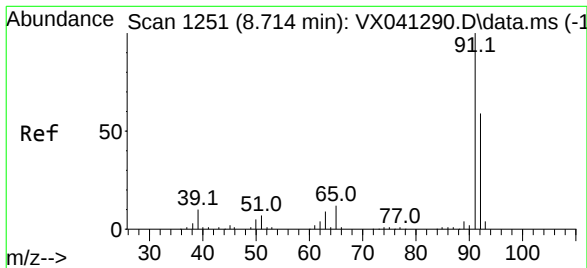
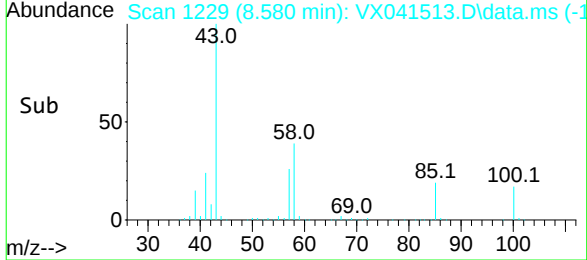
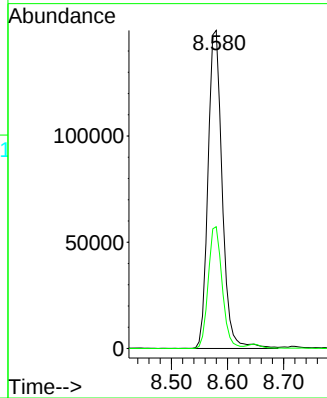
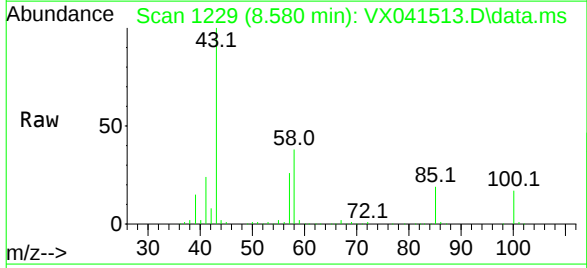
#51
4-Methyl-2-Pentanone
Concen: 118.631 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion: 43 Resp: 263424
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6

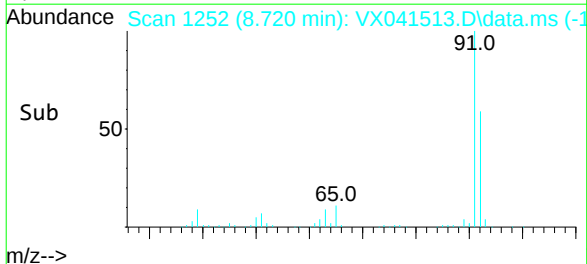
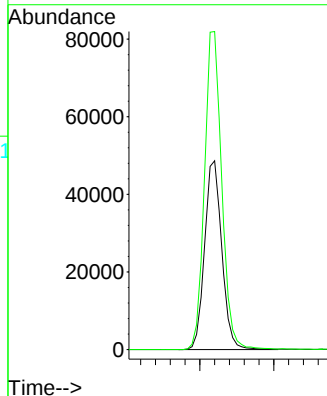
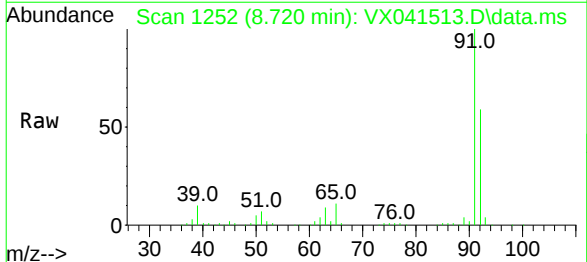
Manual Integrations
APPROVED

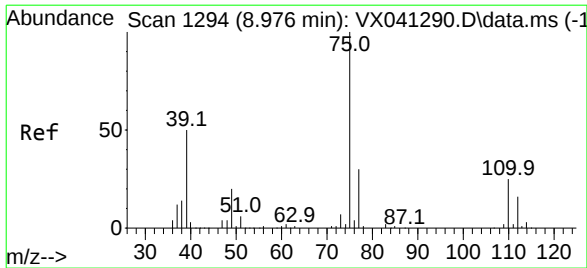
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#52
Toluene
Concen: 21.119 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

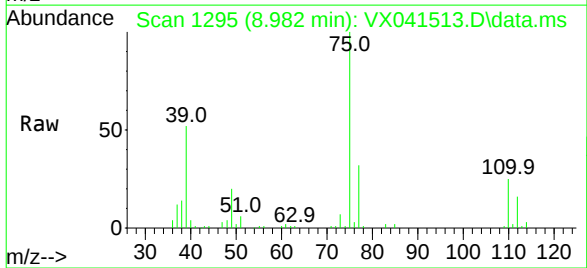
Tgt Ion: 92 Resp: 78560
Ion Ratio Lower Upper
92 100
91 169.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 19.640 ug/l
RT: 8.982 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

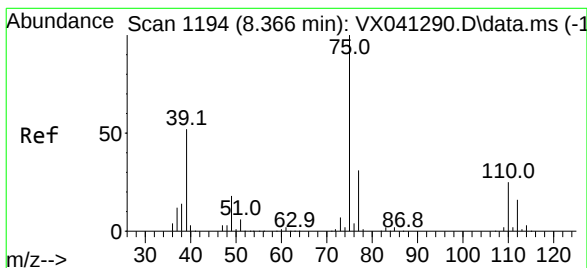
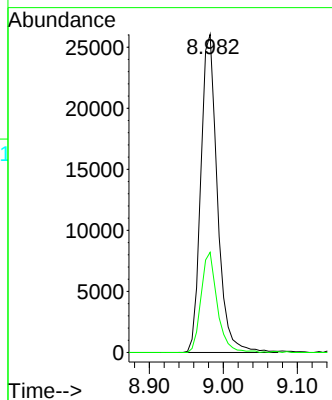
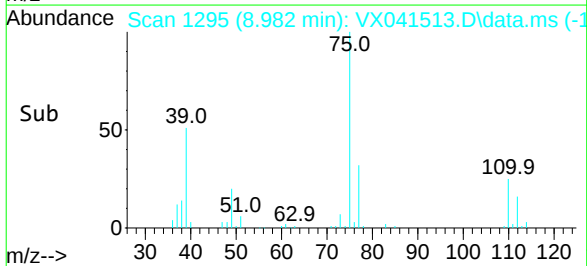
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01



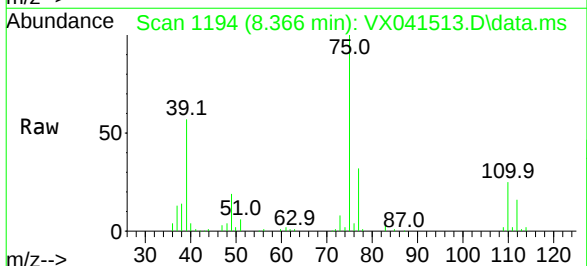
Tgt Ion: 75 Resp: 40512
Ion Ratio Lower Upper
75 100
77 31.5 25.7 38.5

Manual Integrations
APPROVED

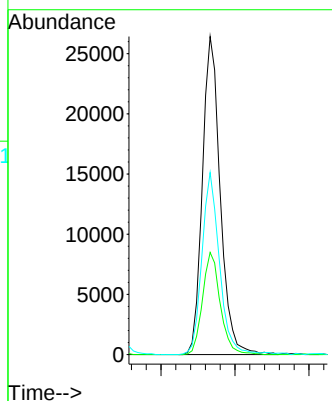
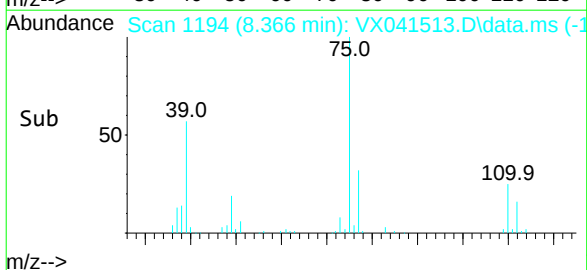
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

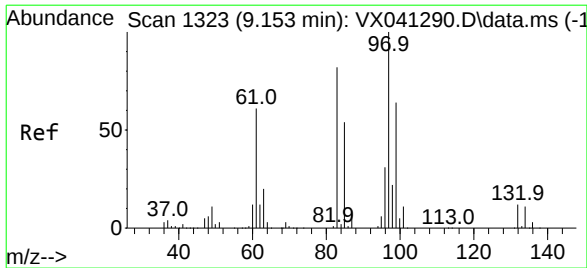


#54
cis-1,3-Dichloropropene
Concen: 20.935 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30



Tgt Ion: 75 Resp: 44358
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
39 57.2 46.7 70.1





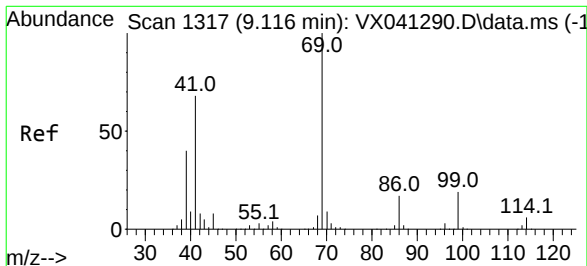
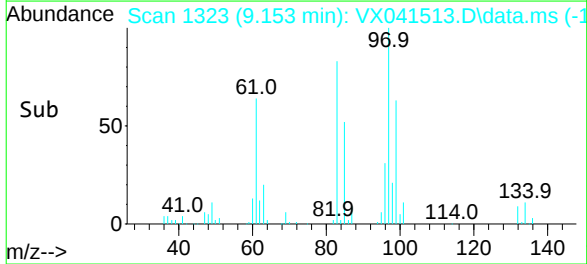
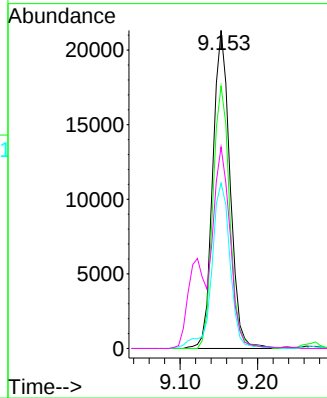
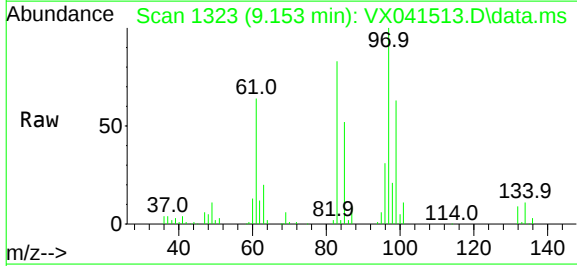
#55
1,1,2-Trichloroethane
Concen: 23.035 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.8	98.8
85	51.6	41.6	62.4
99	63.1	47.8	71.8

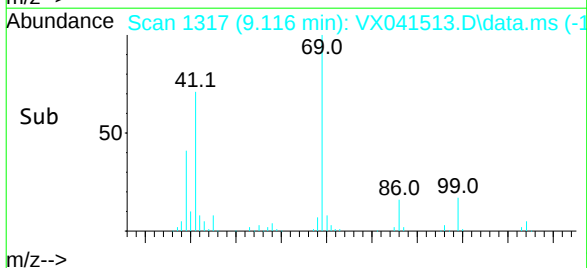
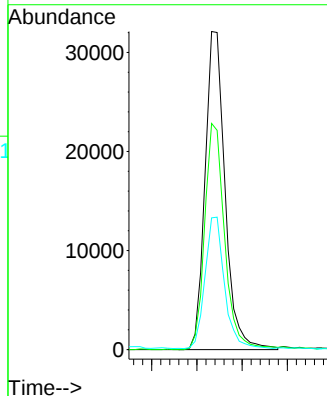
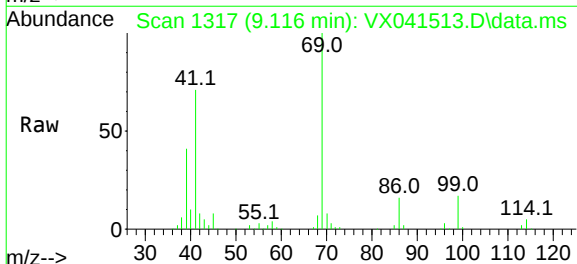
Manual Integrations
APPROVED

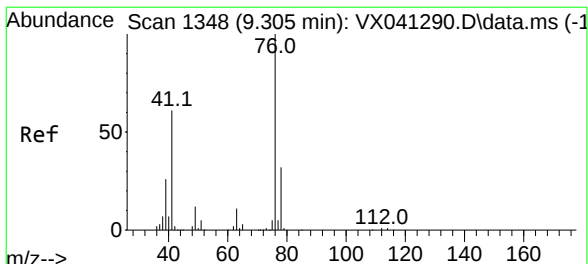
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#56
Ethyl methacrylate
Concen: 22.314 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.2	56.8	85.2
39	40.1	32.0	48.0





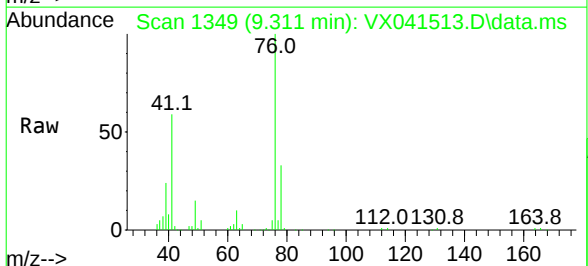
#57
 1,3-Dichloropropane
 Concen: 22.388 ug/l
 RT: 9.311 min Scan# 1348
 Delta R.T. 0.006 min
 Lab File: VX041513.D
 Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

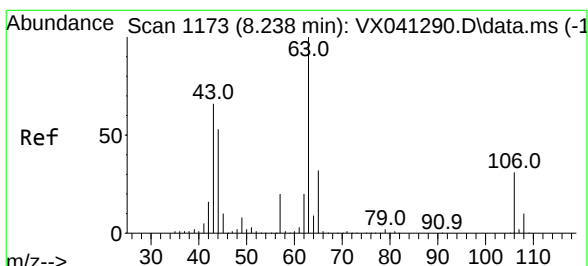
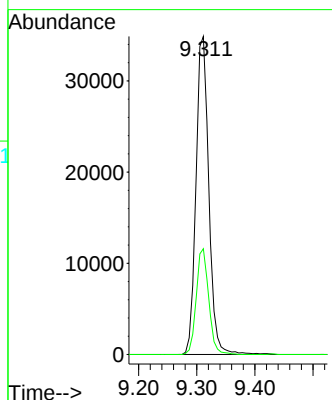
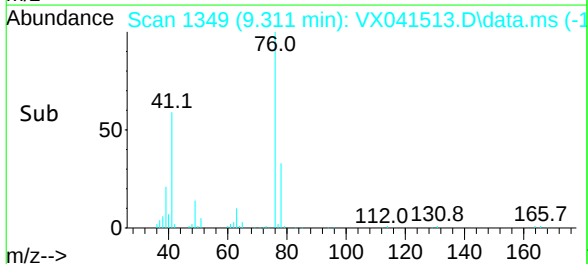
VX0514WBSD01



Tgt Ion: 76 Resp: 53525
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1

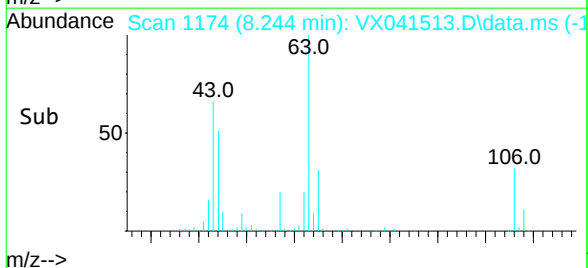
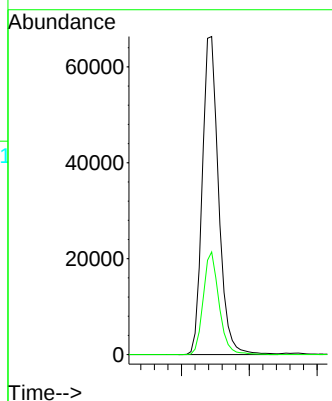
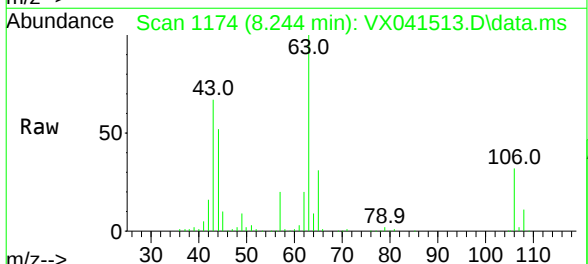
Manual Integrations
 APPROVED

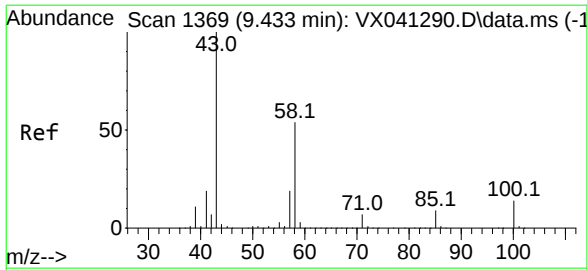
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.982 ug/l
 RT: 8.244 min Scan# 1174
 Delta R.T. 0.006 min
 Lab File: VX041513.D
 Acq: 14 May 2024 12:30

Tgt Ion: 63 Resp: 110705
 Ion Ratio Lower Upper
 63 100
 106 31.1 22.5 33.7





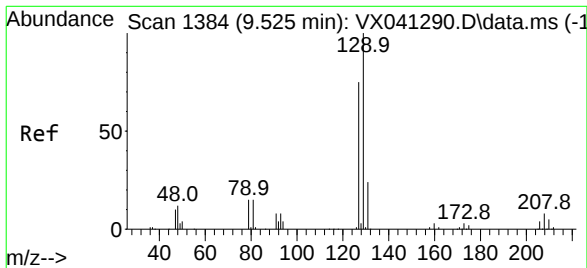
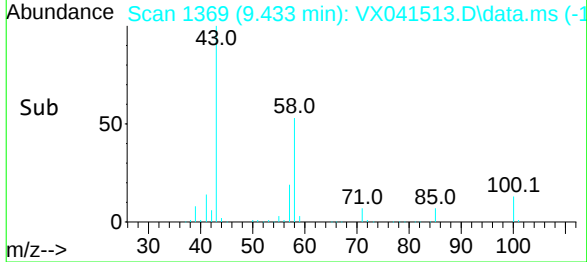
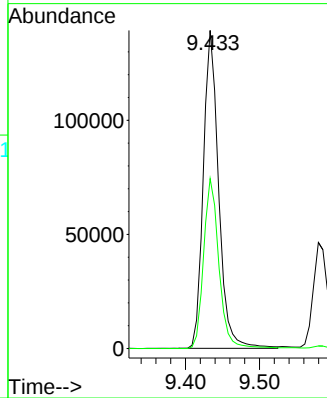
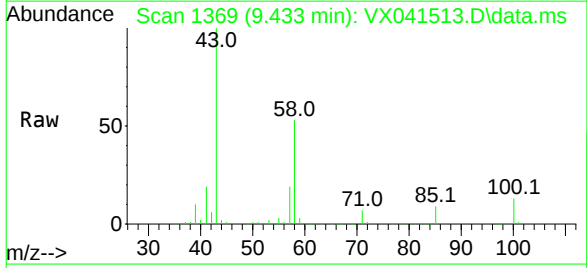
#59
2-Hexanone
Concen: 112.810 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion: 43 Resp: 200307
Ion Ratio Lower Upper
43 100
58 53.4 26.2 78.5

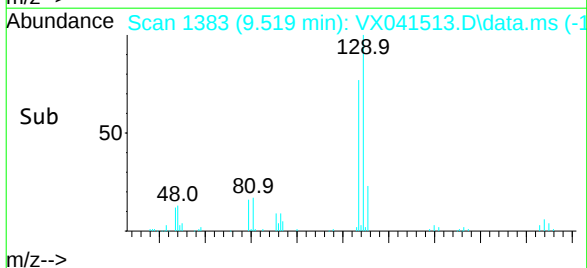
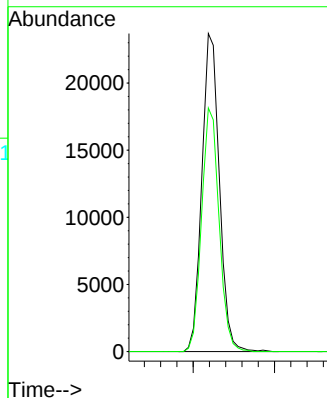
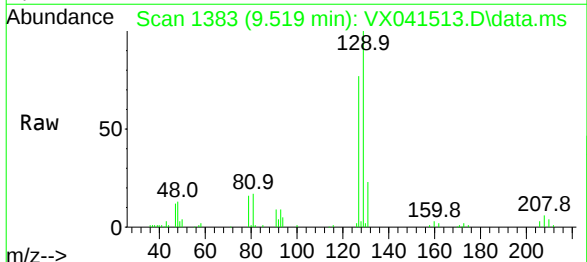
Manual Integrations
APPROVED

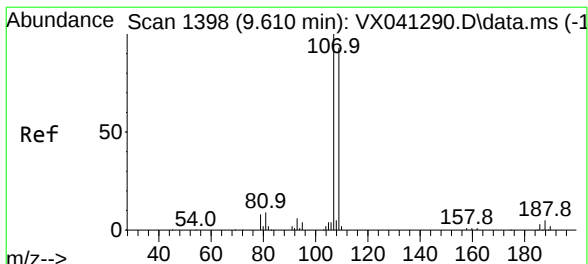
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#60
Dibromochloromethane
Concen: 21.010 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion:129 Resp: 35432
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.4





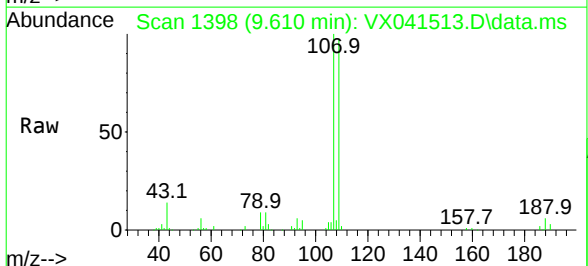
#61
1,2-Dibromoethane
Concen: 21.594 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

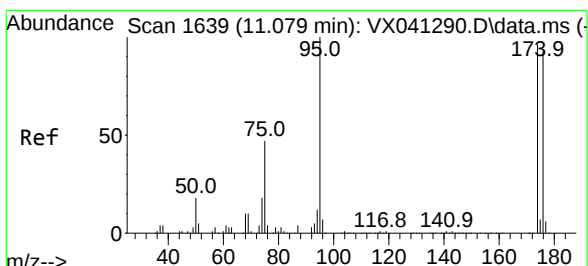
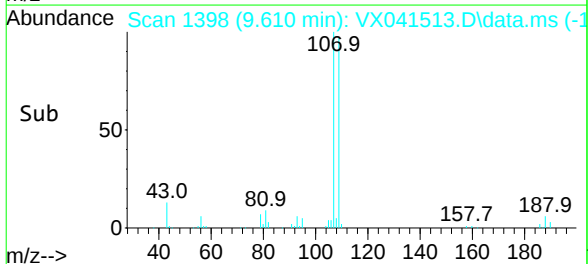
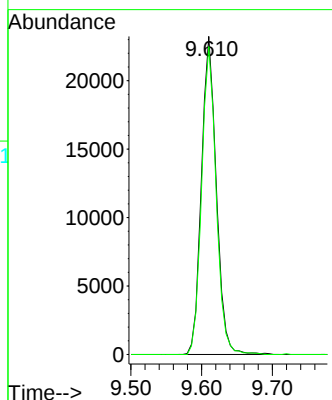
VX0514WBSD01



Tgt Ion: 107 Resp: 34032
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

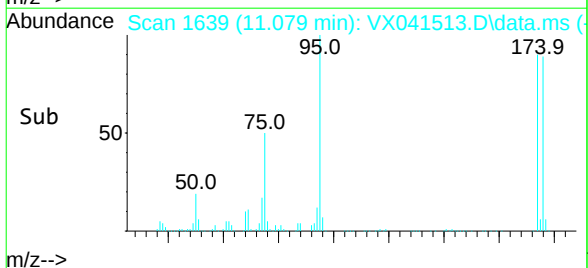
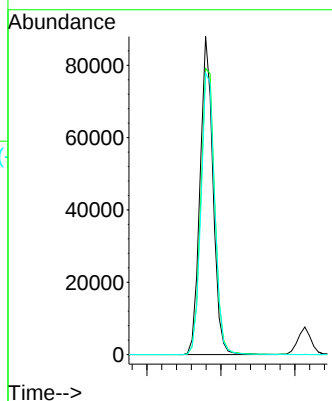
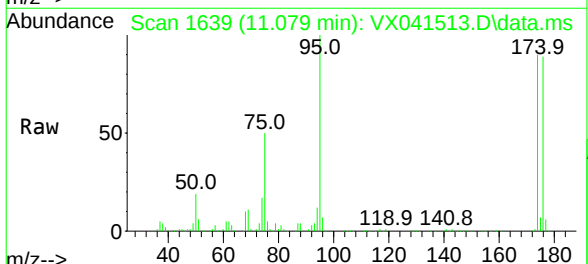
Manual Integrations
APPROVED

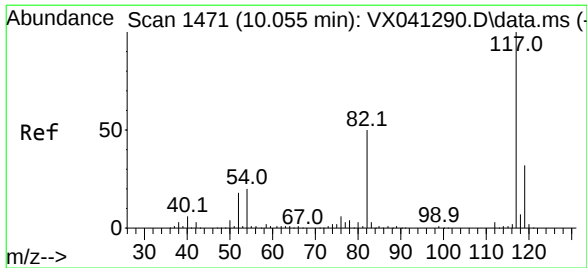
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024



#62
4-Bromofluorobenzene
Concen: 53.033 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion: 95 Resp: 107188
Ion Ratio Lower Upper
95 100
174 96.9 0.0 135.6
176 93.8 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

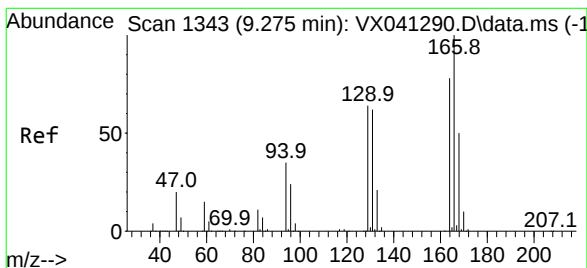
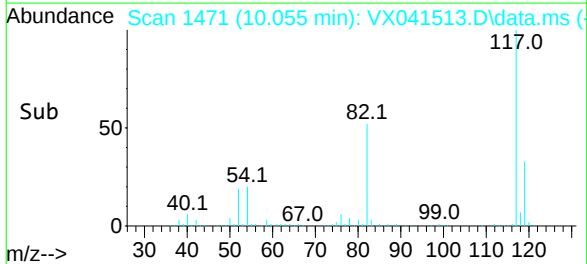
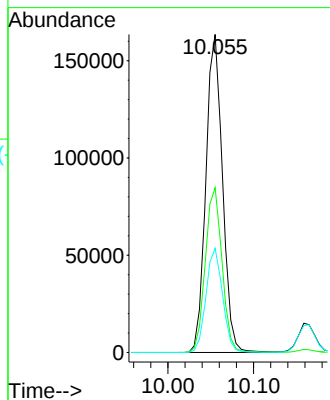
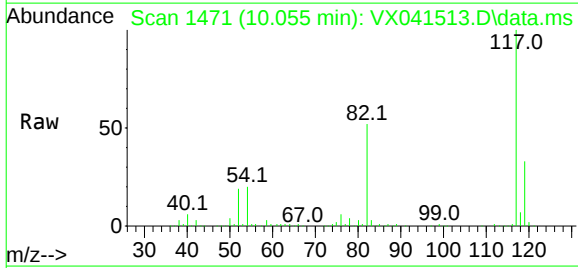
Tgt Ion:	117	Resp:	220405
Ion	Ratio	Lower	Upper
117	100		
82	51.8	46.2	69.4
119	32.8	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#64

Tetrachloroethene

Concen: 19.891 ug/l

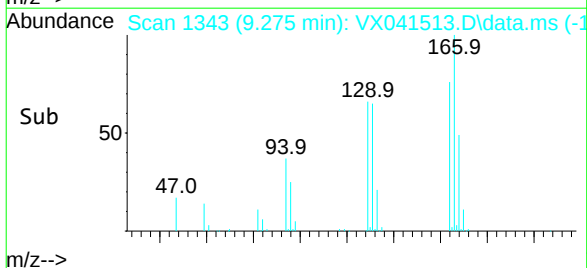
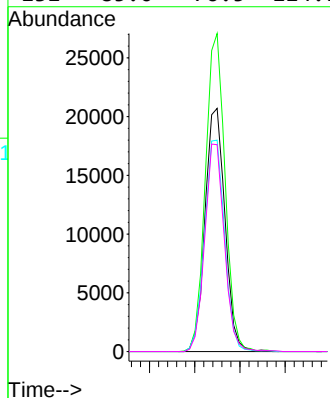
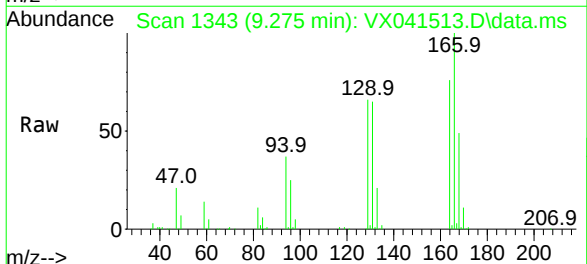
RT: 9.275 min Scan# 1343

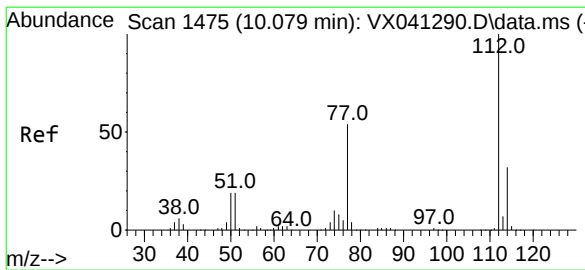
Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Tgt Ion:	164	Resp:	31746
Ion	Ratio	Lower	Upper
164	100		
166	130.8	102.7	154.1
129	86.9	80.4	120.6
131	85.0	76.5	114.7





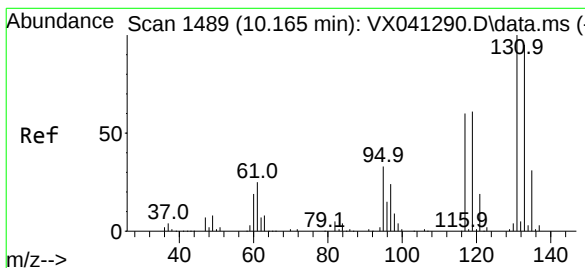
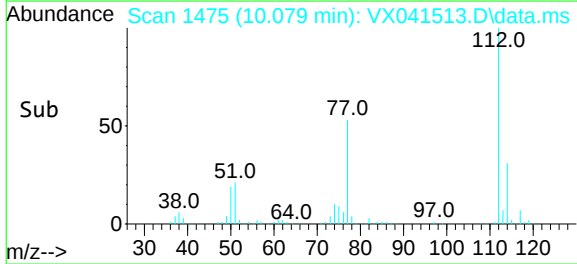
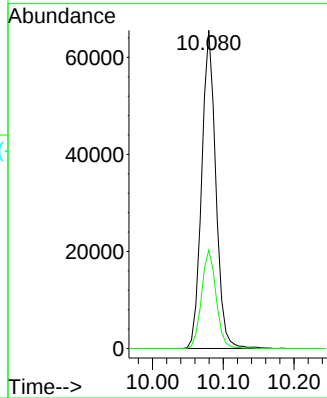
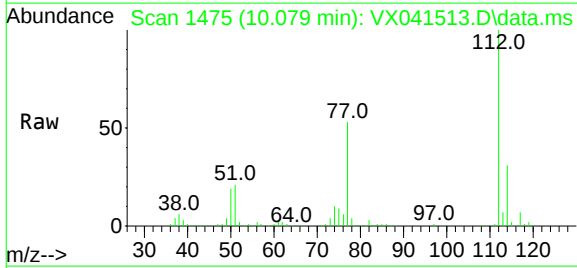
#65
Chlorobenzene
Concen: 20.313 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion:112 Resp: 90885
Ion Ratio Lower Upper
112 100
114 30.9 25.7 38.5

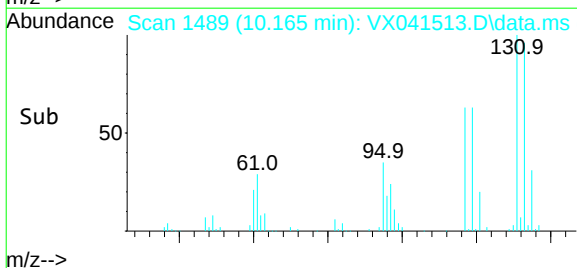
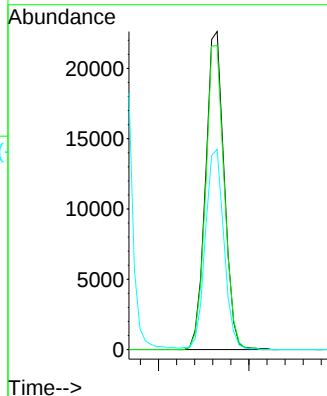
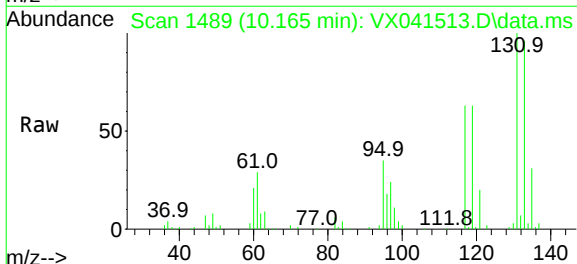
Manual Integrations
APPROVED

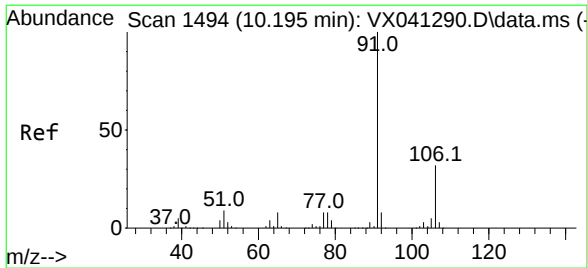
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.433 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion:131 Resp: 32303
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 63.3 32.2 96.6





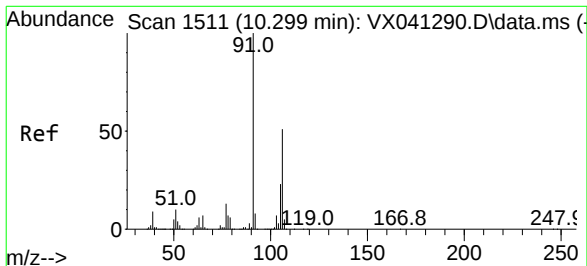
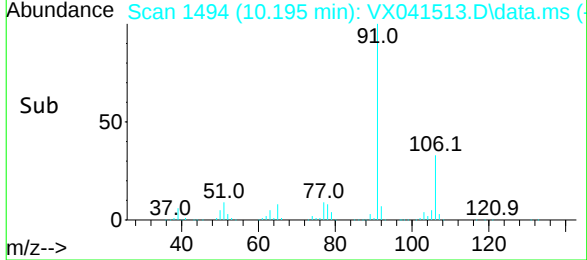
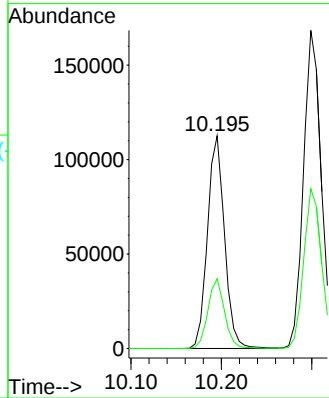
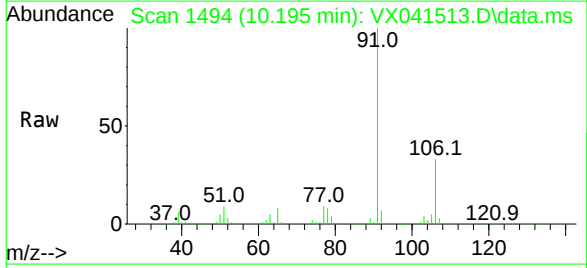
#67
Ethyl Benzene
Concen: 20.030 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion: 91 Resp: 147858
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

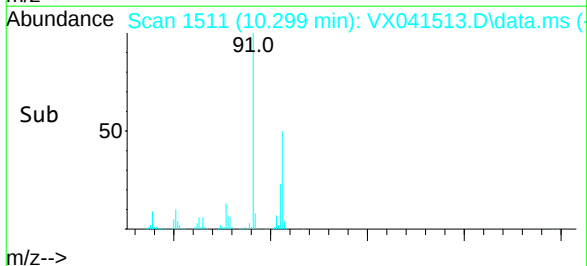
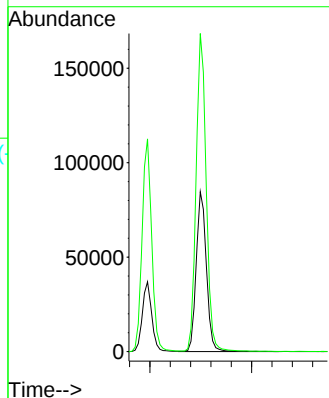
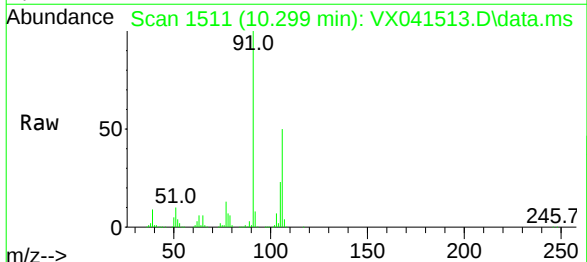
Manual Integrations
APPROVED

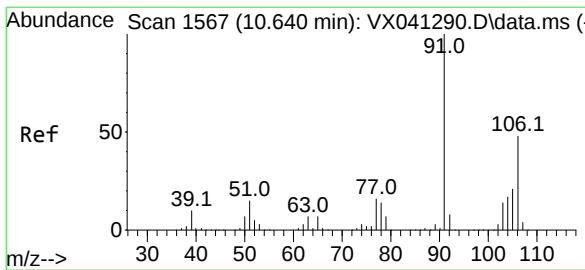
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#68
m/p-Xylenes
Concen: 39.754 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion:106 Resp: 117517
Ion Ratio Lower Upper
106 100
91 197.1 165.5 248.3





#69

o-Xylene

Concen: 20.504 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

Tgt Ion:106 Resp: 58035

Ion Ratio Lower Upper

106 100

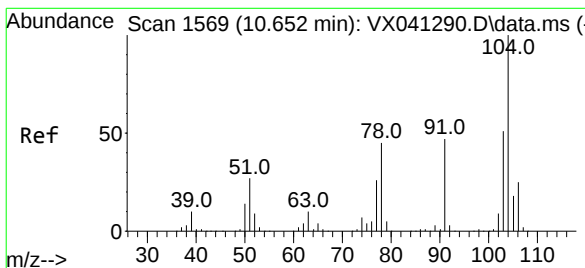
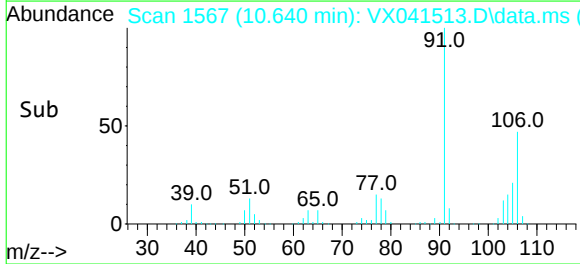
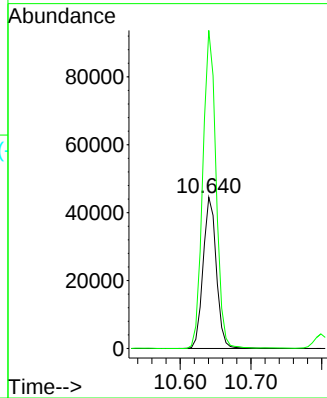
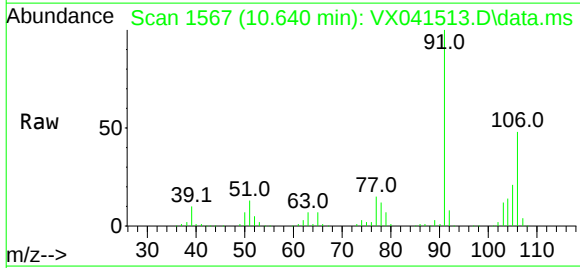
91 210.3 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#70

Styrene

Concen: 20.780 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

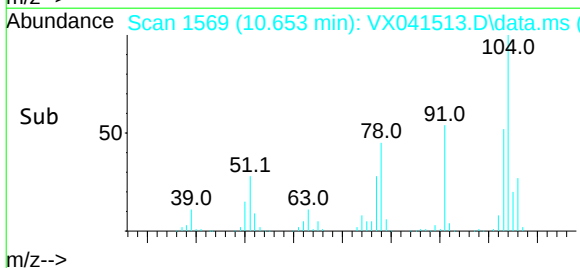
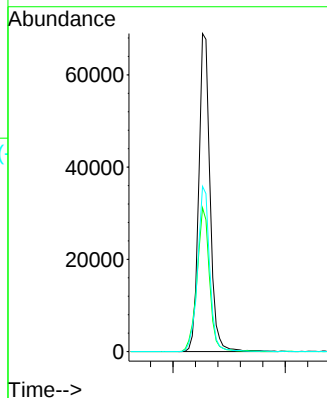
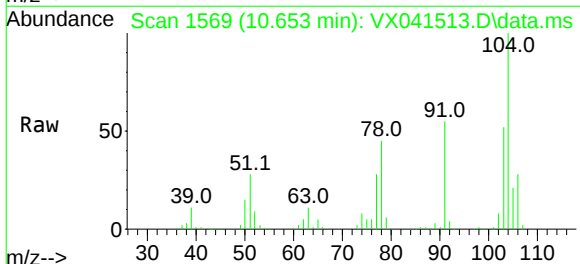
Tgt Ion:104 Resp: 96515

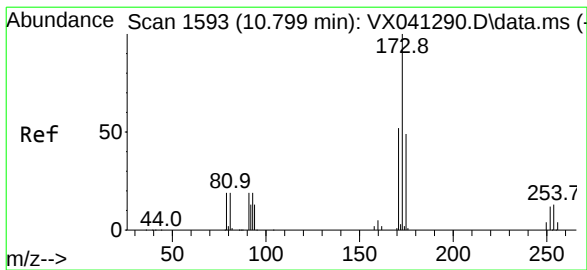
Ion Ratio Lower Upper

104 100

78 49.7 43.6 65.4

103 55.5 43.6 65.4





#71

Bromoform

Concen: 18.936 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

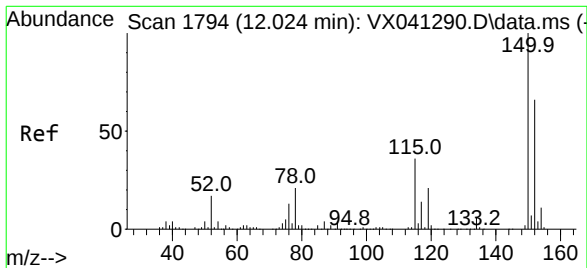
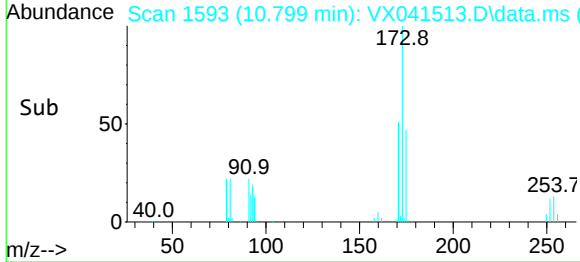
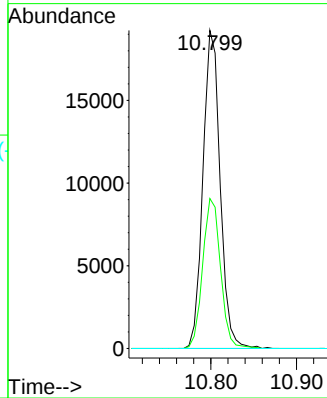
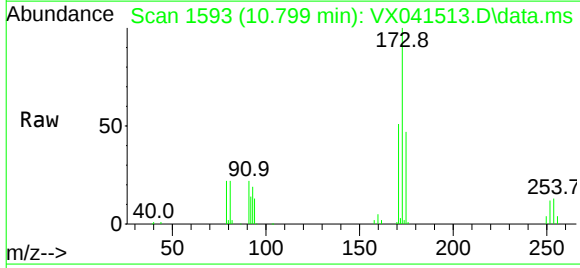
Tgt Ion:	173	Resp:	26791
Ion Ratio	Lower	Upper	
173	100		
175	49.0	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

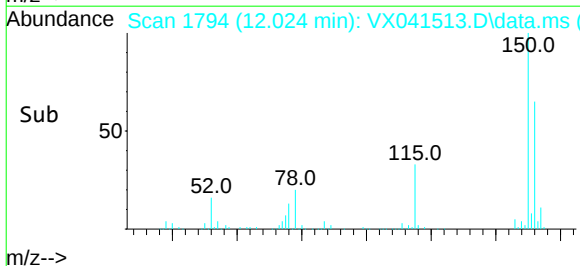
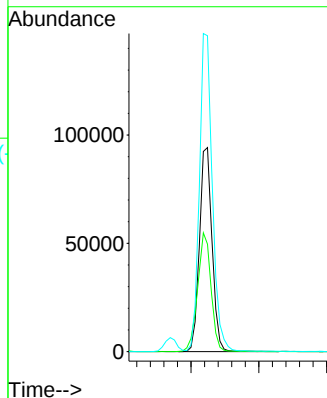
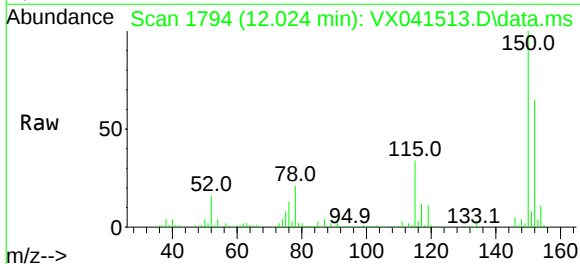
RT: 12.024 min Scan# 1794

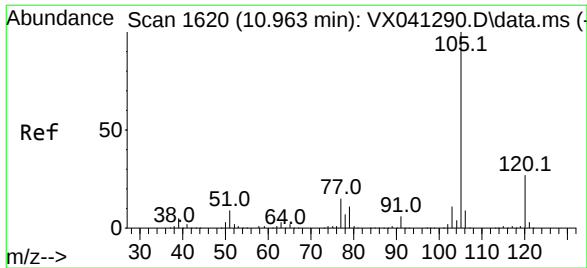
Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Tgt Ion:	152	Resp:	121647
Ion Ratio	Lower	Upper	
152	100		
115	61.8	43.3	129.9
150	160.0	0.0	345.0





#73

Isopropylbenzene

Concen: 20.536 ug/l

RT: 10.963 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

Tgt Ion:105 Resp: 152491

Ion Ratio Lower Upper

105 100

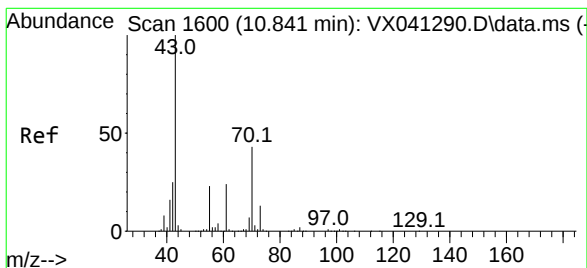
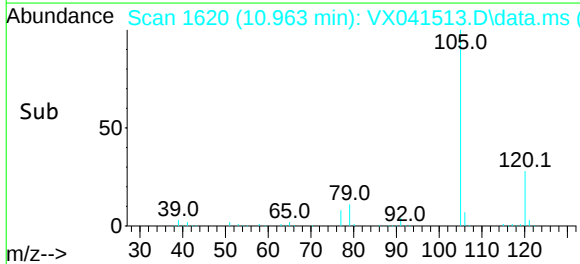
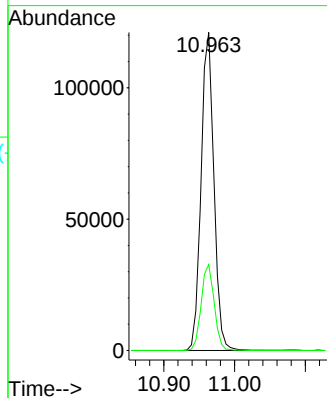
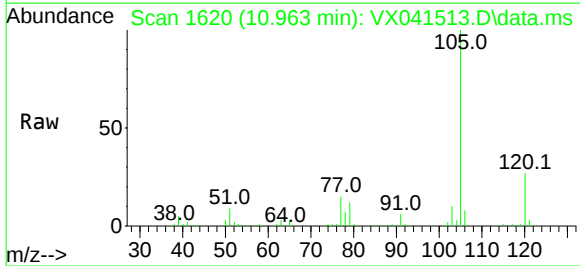
120 27.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#74

N-ethyl acetate

Concen: 20.528 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Tgt Ion: 43 Resp: 66597

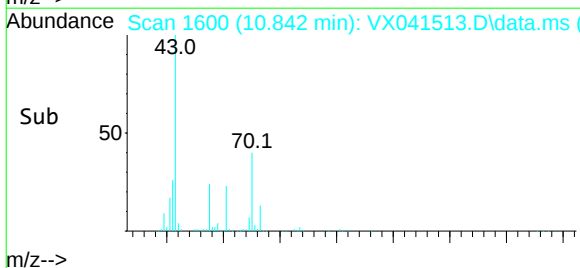
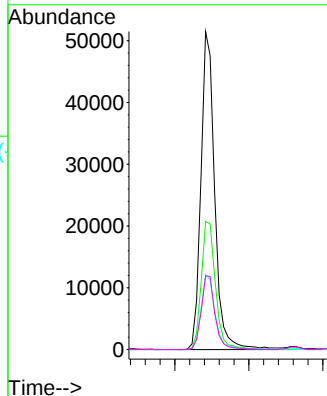
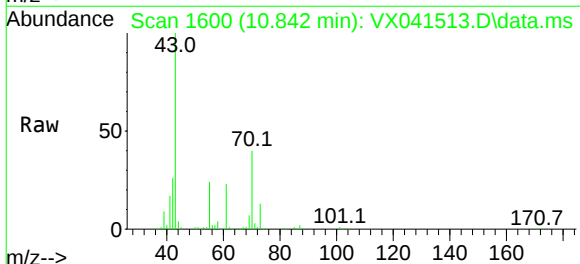
Ion Ratio Lower Upper

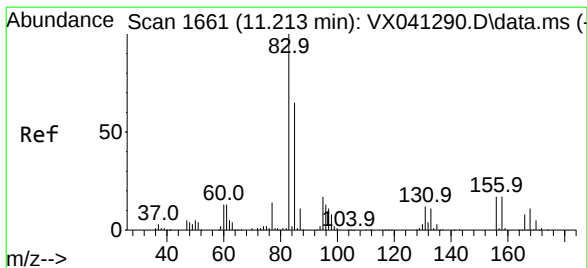
43 100

70 42.0 32.9 49.3

55 24.0 19.3 28.9

61 23.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.225 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

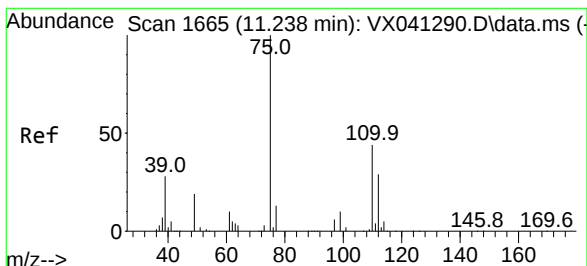
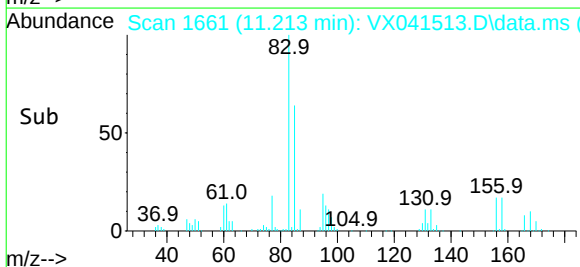
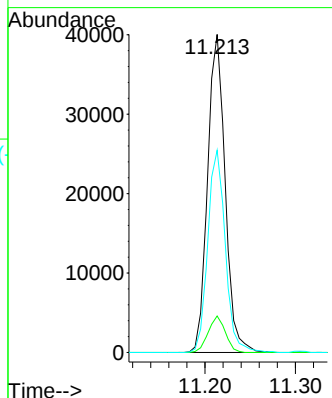
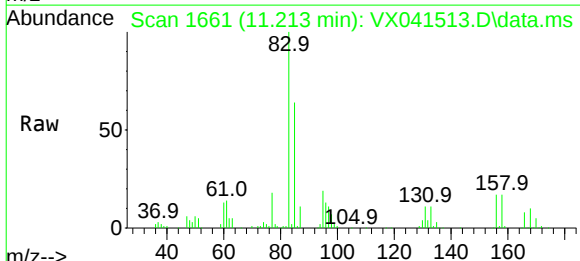
Tgt Ion:	83	Resp:	54078
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.3	15.8
85	63.7	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#76

1,2,3-Trichloropropane

Concen: 21.486 ug/l m

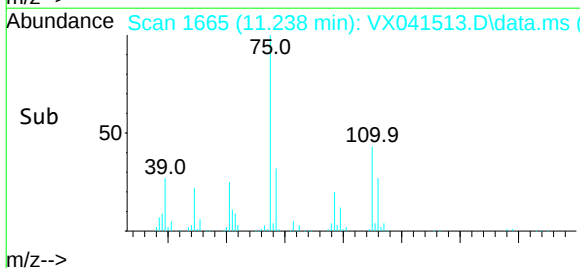
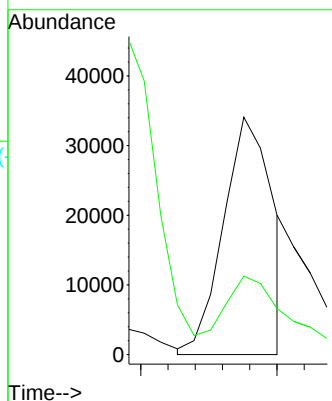
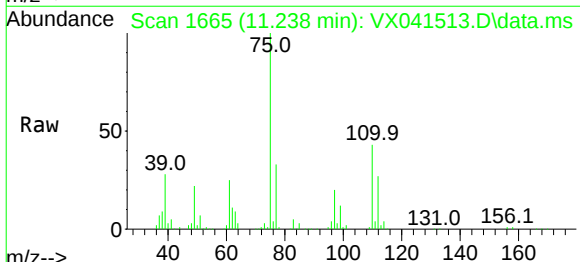
RT: 11.238 min Scan# 1665

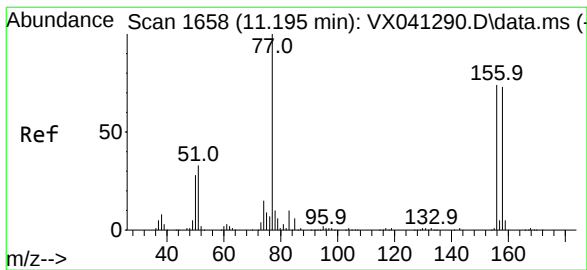
Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Tgt Ion:	75	Resp:	42596
Ion	Ratio	Lower	Upper
75	100		
77	43.9	19.1	57.5





#77

Bromobenzene

Concen: 20.588 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

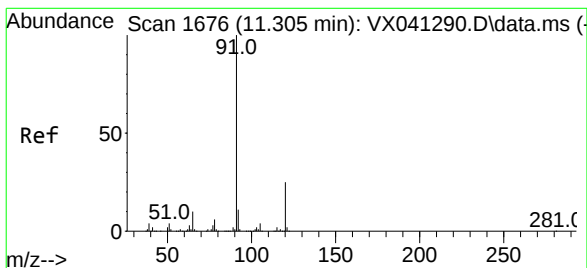
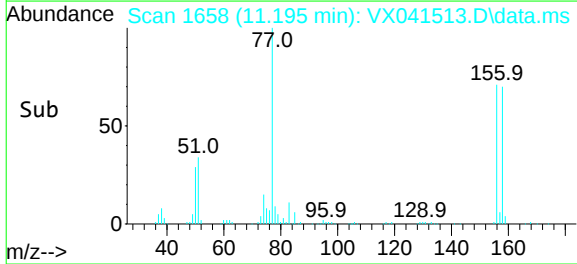
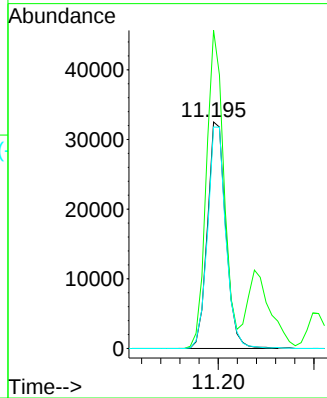
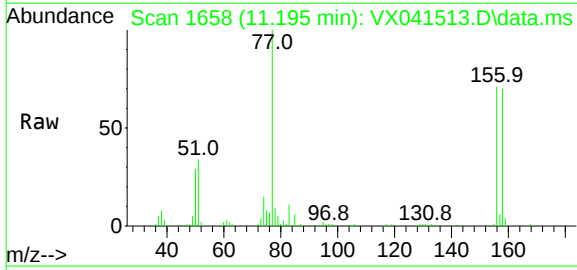
Tgt Ion:	156	Resp:	43147
Ion Ratio	Lower	Upper	
156	100		
77	133.8	88.4	265.3
158	98.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#78

n-propylbenzene

Concen: 21.071 ug/l

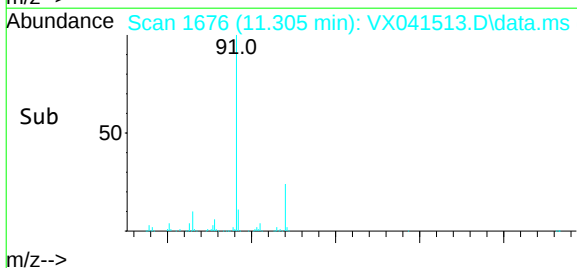
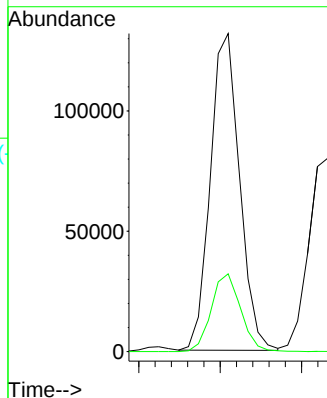
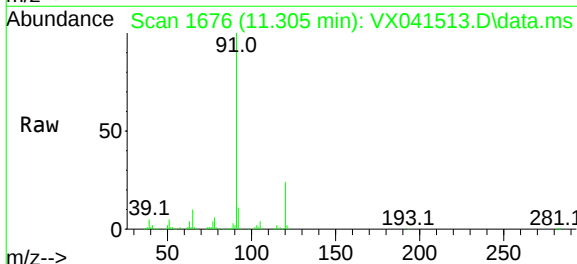
RT: 11.305 min Scan# 1676

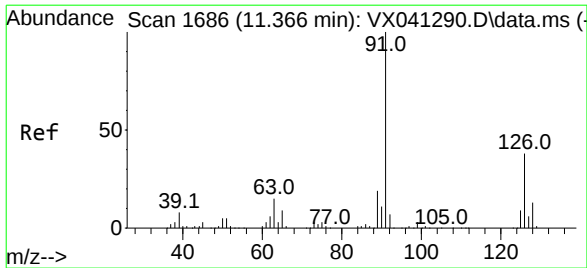
Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Tgt Ion:	91	Resp:	164333
Ion Ratio	Lower	Upper	
91	100		
120	24.7	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.663 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

Tgt Ion: 91 Resp: 103850

Ion Ratio Lower Upper

91 100

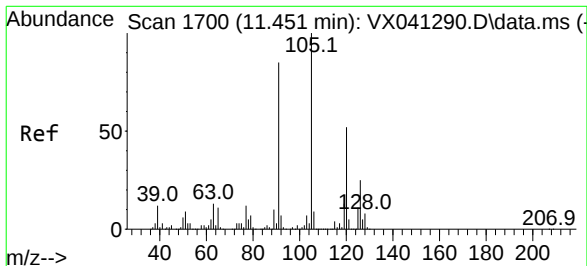
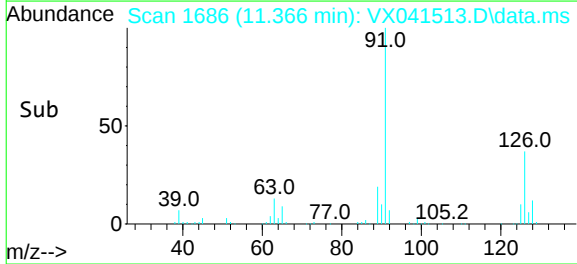
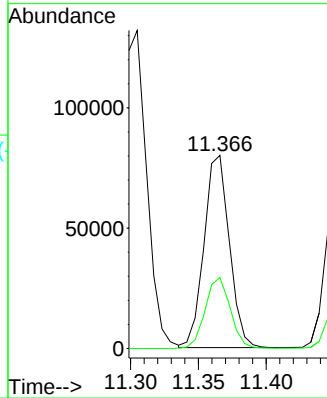
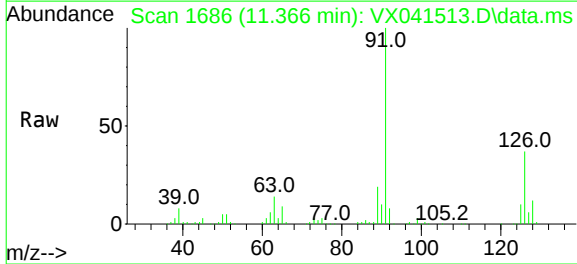
126 36.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.857 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041513.D

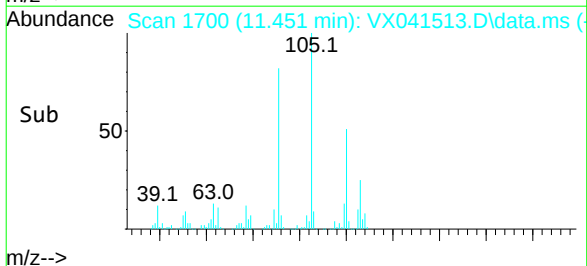
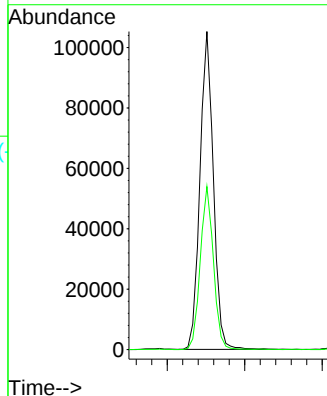
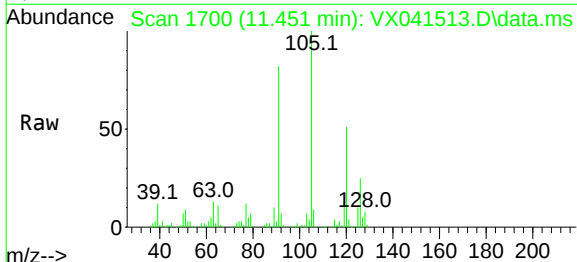
Acq: 14 May 2024 12:30

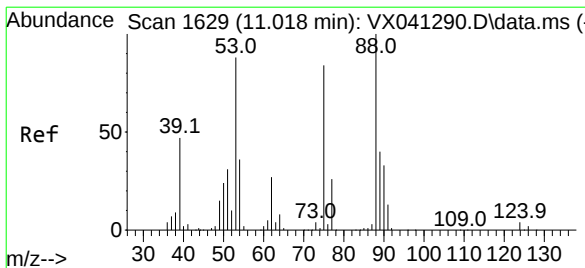
Tgt Ion:105 Resp: 126255

Ion Ratio Lower Upper

105 100

120 50.4 24.1 72.3





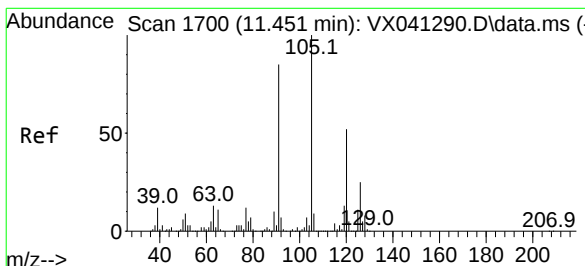
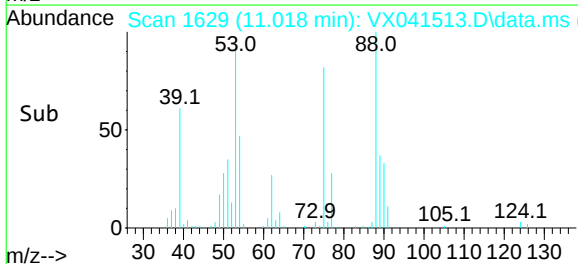
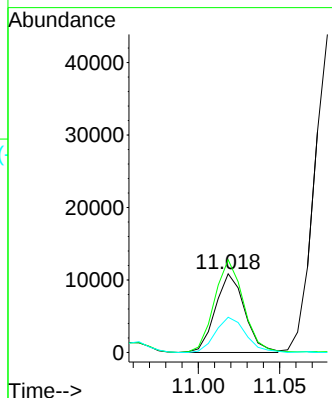
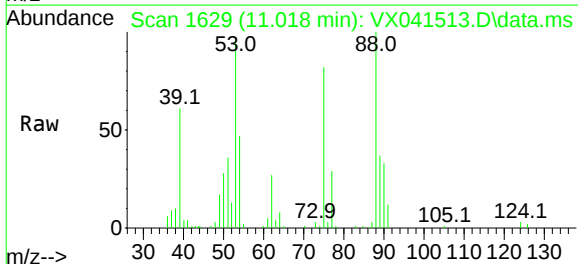
#81
trans-1,4-Dichloro-2-butene
Concen: 18.663 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion: 75 Resp: 13583
Ion Ratio Lower Upper
75 100
53 117.1 90.5 135.7
89 46.4 36.9 55.3

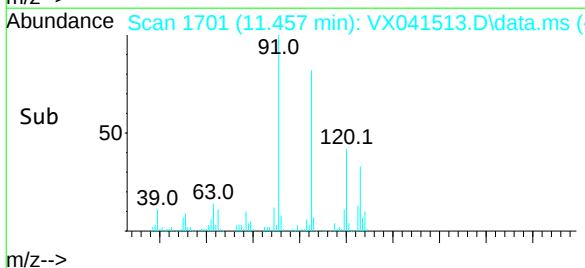
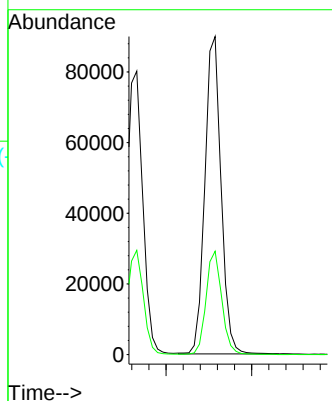
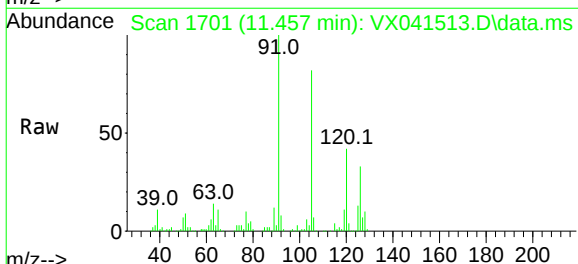
Manual Integrations
APPROVED

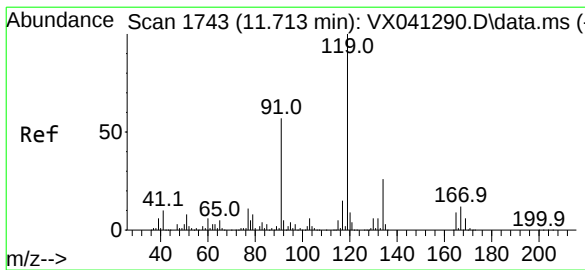
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#82
4-Chlorotoluene
Concen: 20.640 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion: 91 Resp: 117766
Ion Ratio Lower Upper
91 100
126 31.8 14.2 42.6





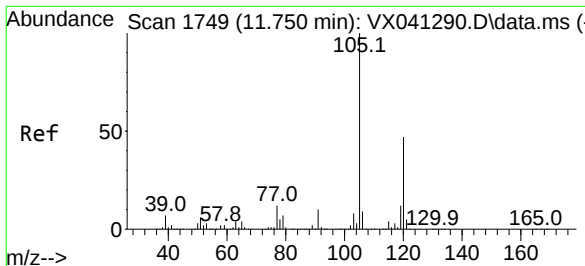
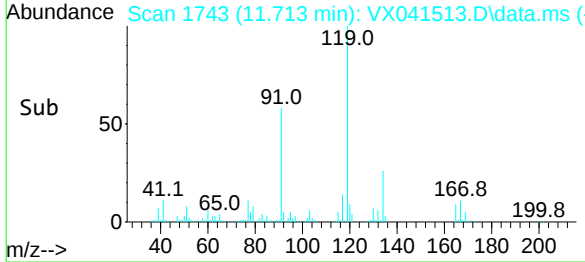
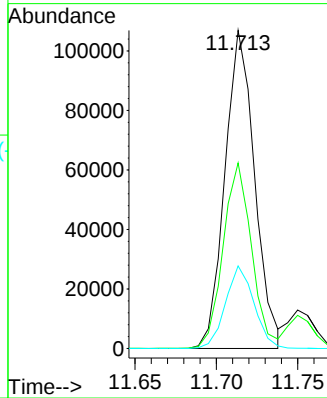
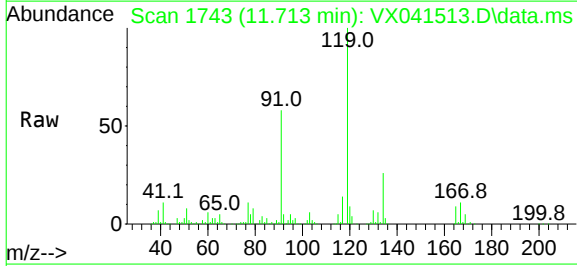
#83
tert-Butylbenzene
Concen: 20.946 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBSD01

Tgt Ion:119 Resp: 135776
Ion Ratio Lower Upper
119 100
91 55.9 31.2 93.6
134 24.9 11.7 35.0

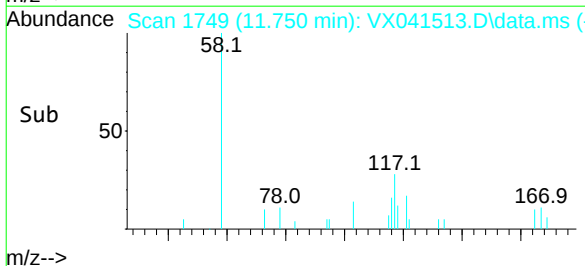
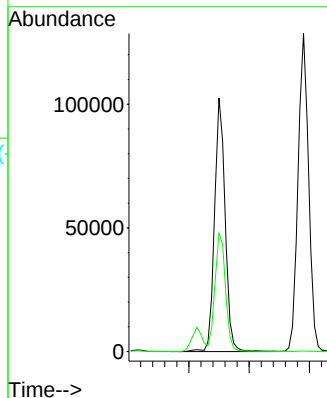
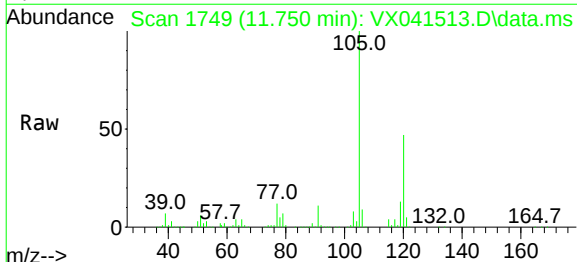
Manual Integrations
APPROVED

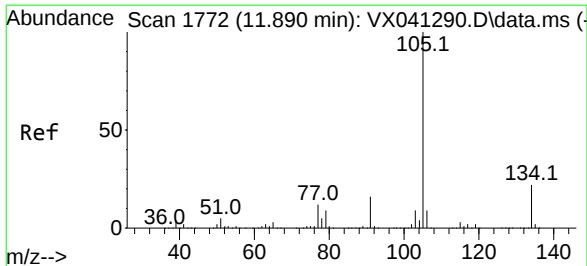
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.607 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041513.D
Acq: 14 May 2024 12:30

Tgt Ion:105 Resp: 125515
Ion Ratio Lower Upper
105 100
120 46.7 21.2 63.6





#85

sec-Butylbenzene

Concen: 21.141 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

Tgt Ion:105 Resp: 157048

Ion Ratio Lower Upper

105 100

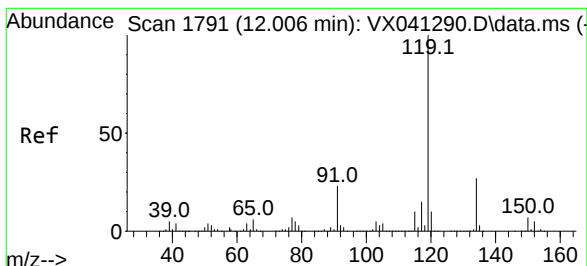
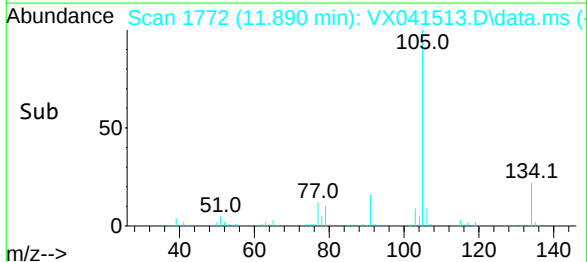
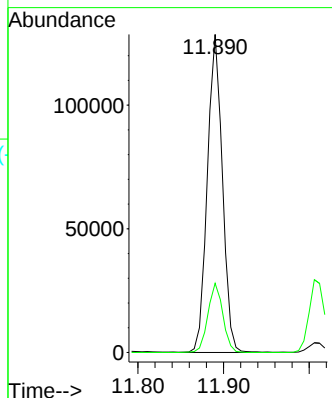
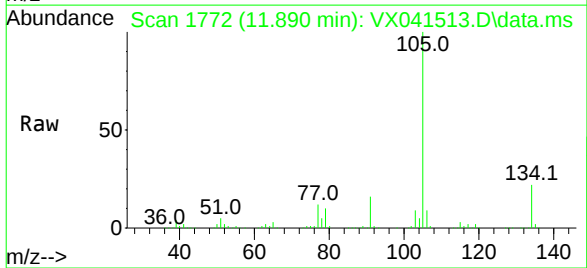
134 21.5 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#86

p-Isopropyltoluene

Concen: 20.522 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

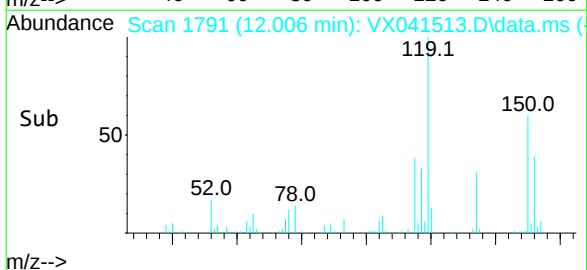
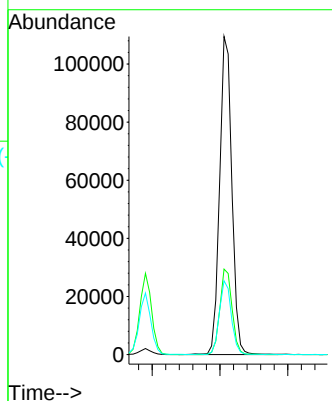
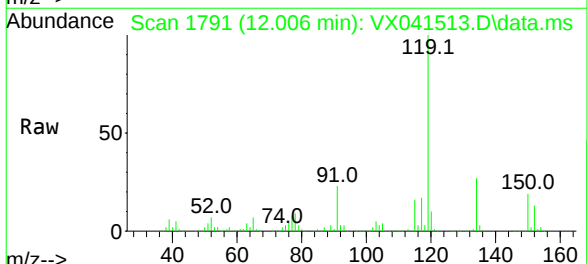
Tgt Ion:119 Resp: 136915

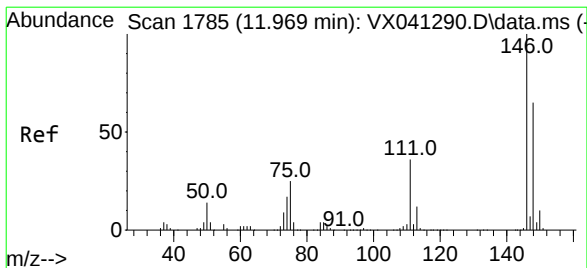
Ion Ratio Lower Upper

119 100

134 26.9 12.8 38.3

91 23.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 20.244 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

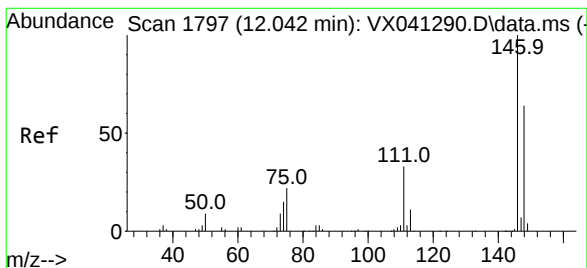
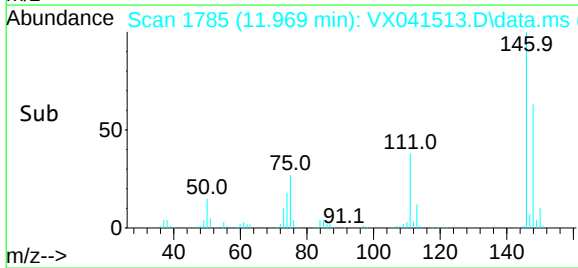
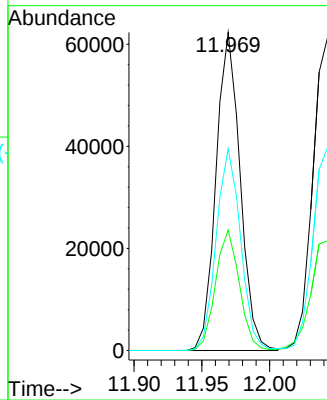
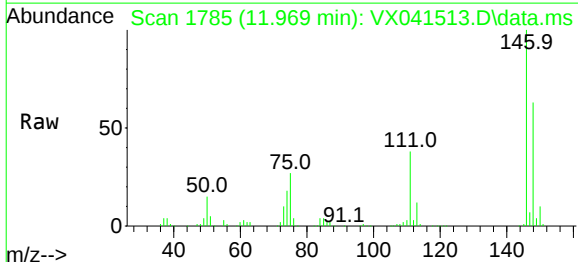
Tgt Ion:	146	Resp:	77118
Ion	Ratio	Lower	Upper
146	100		
111	37.4	22.1	66.1
148	64.4	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#88

1,4-Dichlorobenzene

Concen: 19.718 ug/l

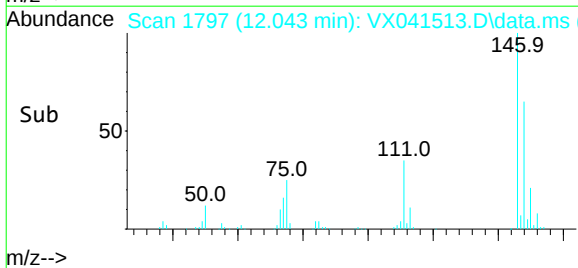
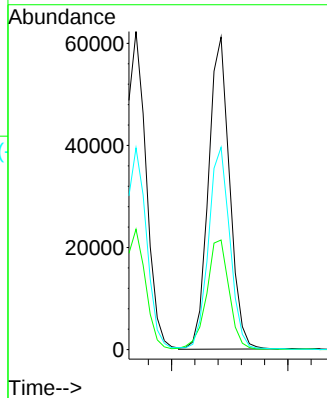
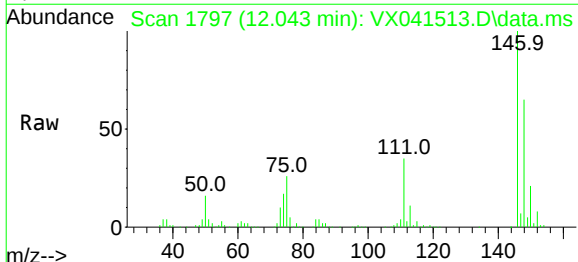
RT: 12.043 min Scan# 1797

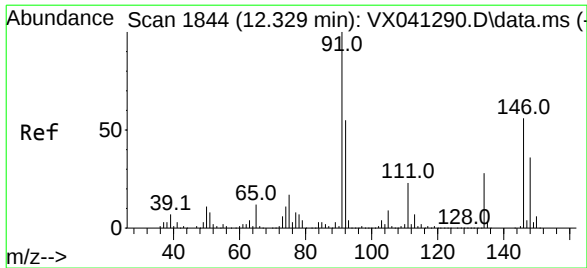
Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Tgt Ion:	146	Resp:	77386
Ion	Ratio	Lower	Upper
146	100		
111	37.5	21.3	63.7
148	66.1	31.8	95.4





#89

n-Butylbenzene

Concen: 19.204 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

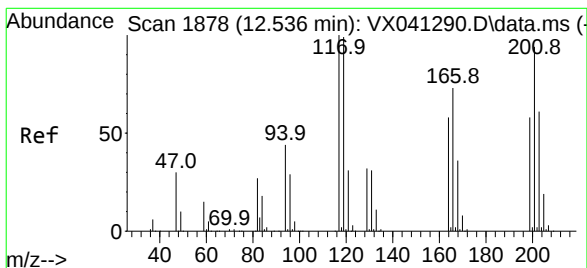
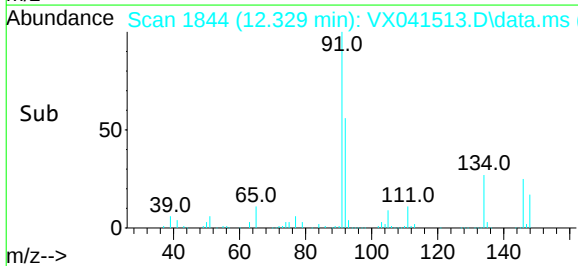
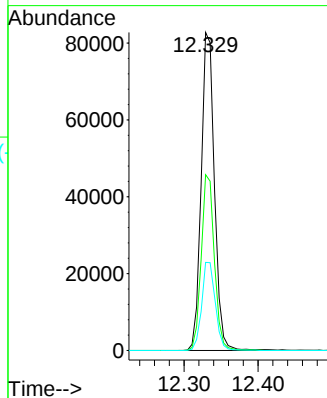
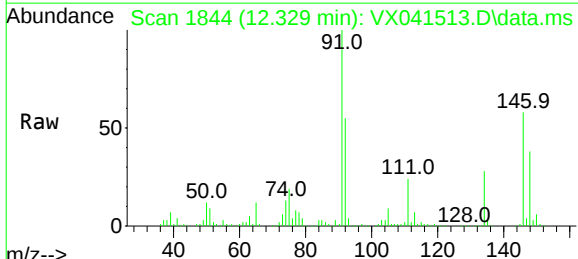
Tgt Ion:	91	Resp:	103023
Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.4	82.0
134	28.6	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#90

Hexachloroethane

Concen: 16.249 ug/l

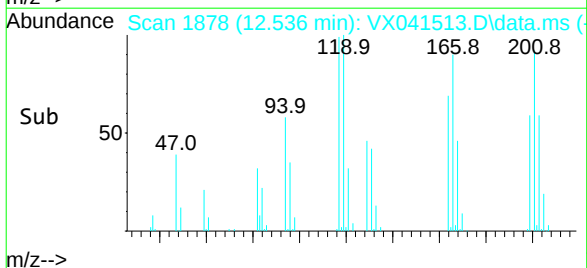
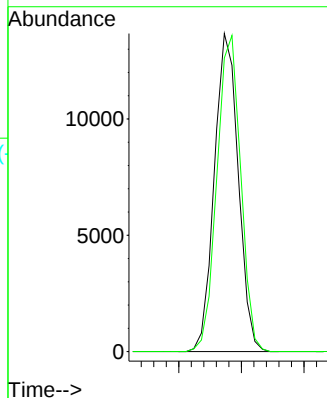
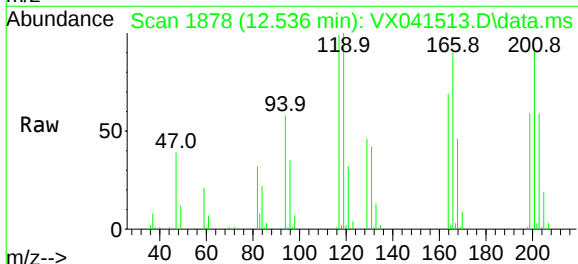
RT: 12.536 min Scan# 1878

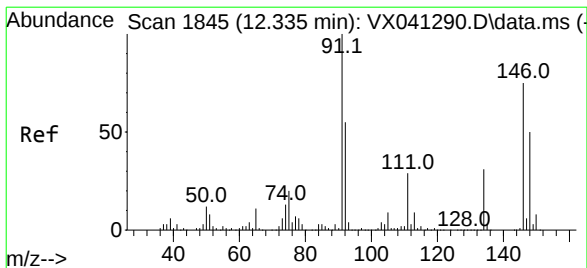
Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Tgt Ion:	117	Resp:	18130
Ion	Ratio	Lower	Upper
117	100		
201	98.9	32.9	98.6





#91

1,2-Dichlorobenzene

Concen: 20.064 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

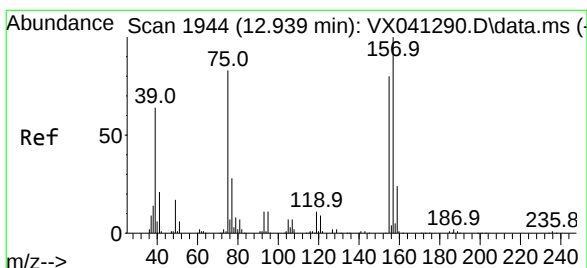
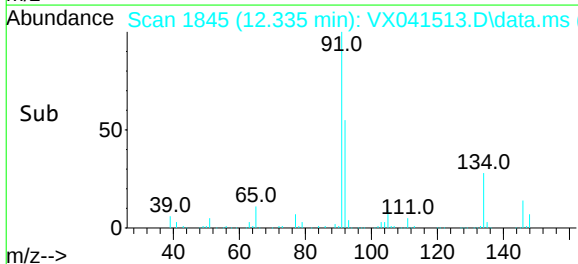
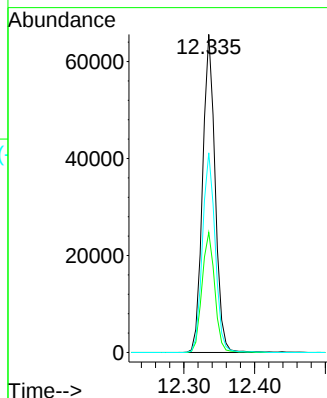
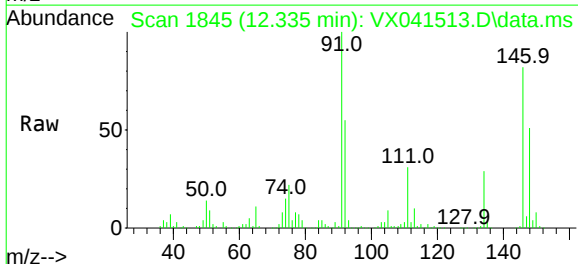
Tgt Ion:	146	Resp:	80729
Ion	Ratio	Lower	Upper
146	100		
111	38.4	22.4	67.0
148	63.8	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.777 ug/l

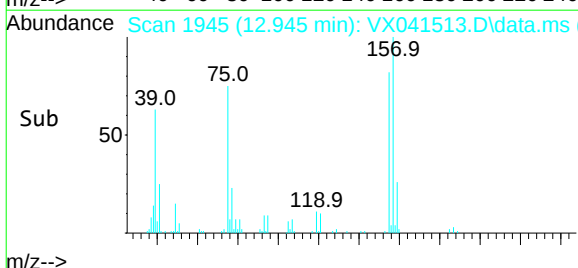
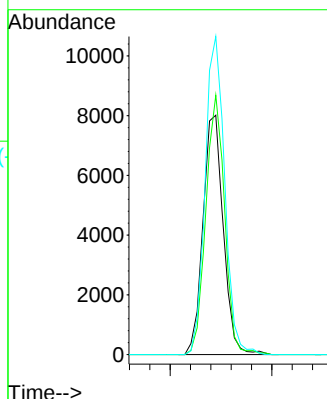
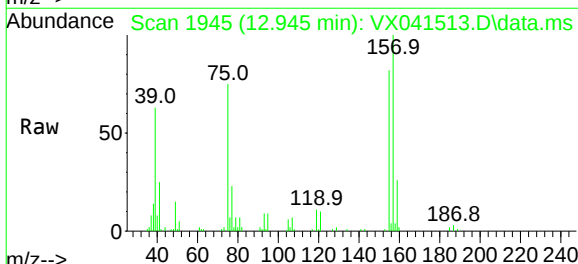
RT: 12.945 min Scan# 1945

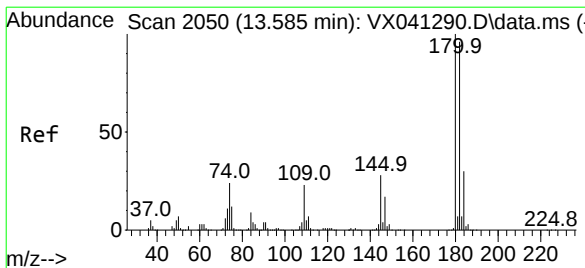
Delta R.T. 0.006 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Tgt Ion:	75	Resp:	11120
Ion	Ratio	Lower	Upper
75	100		
155	100.2	36.1	108.5
157	127.6	44.9	134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.696 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

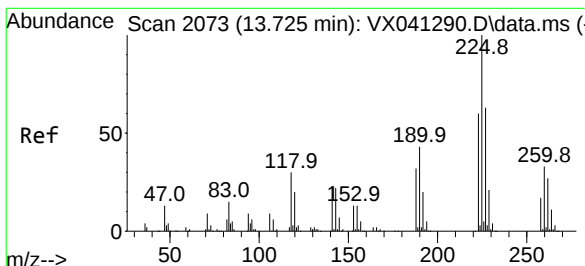
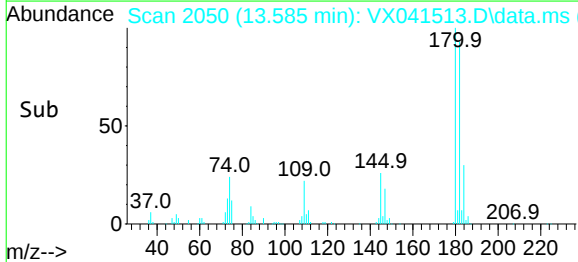
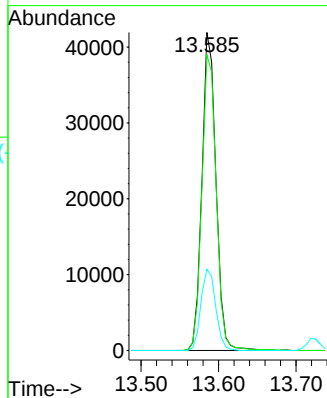
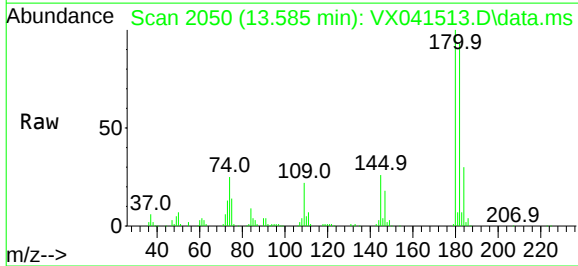
Tgt Ion:	180	Resp:	52582
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.3	144.8
145	26.9	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#94

Hexachlorobutadiene

Concen: 18.600 ug/l

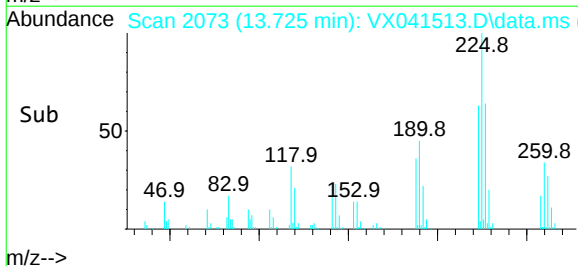
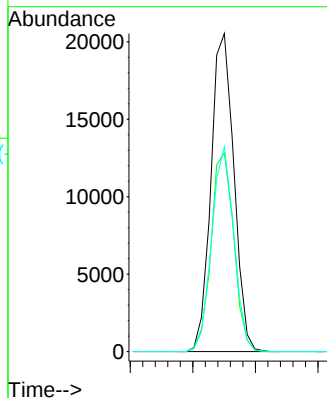
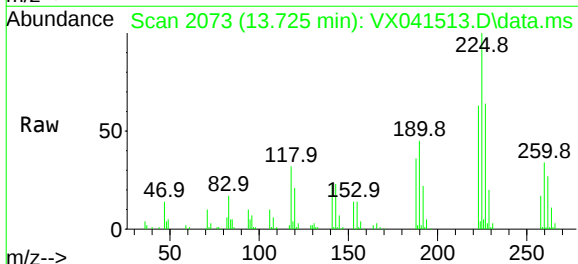
RT: 13.725 min Scan# 2073

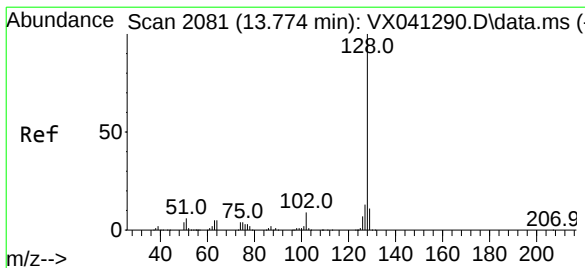
Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Tgt Ion:	225	Resp:	26123
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.1	93.2
227	62.5	32.5	97.5





#95

Naphthalene

Concen: 19.478 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBSD01

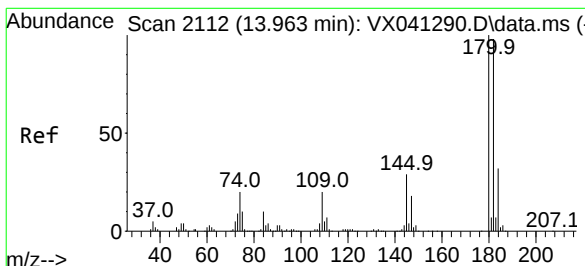
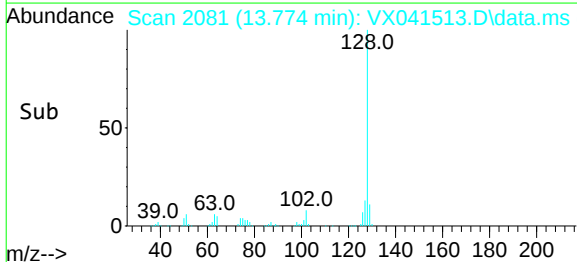
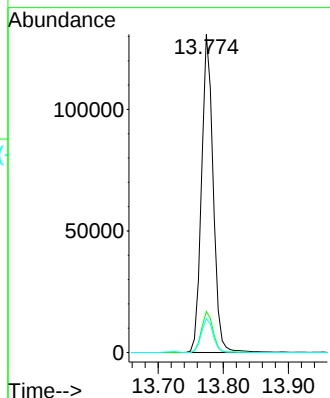
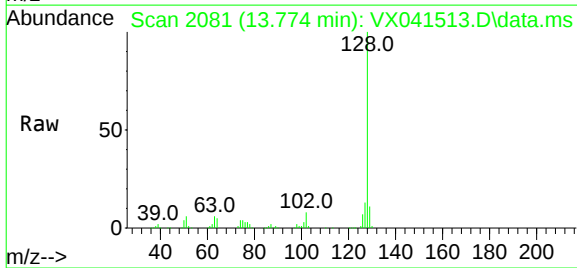
Tgt Ion:	128	Resp:	162344
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 19.074 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041513.D

Acq: 14 May 2024 12:30

Tgt Ion:	180	Resp:	54827
Ion	Ratio	Lower	Upper
180	100		
182	96.8	46.9	140.6
145	29.5	17.8	53.5

