

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041509.D
 Acq On : 14 May 2024 10:54
 Operator : JC/MD
 Sample : VX0514WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Quant Time: May 15 00:55:48 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)

Internal Standards						
1) Pentafluorobenzene	5.550	168	175812	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	250259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124725	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106115	55.443	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.880%	
35) Dibromofluoromethane	5.385	113	85609	50.479	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.960%	
50) Toluene-d8	8.647	98	298281	55.569	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 111.140%	
62) 4-Bromofluorobenzene	11.079	95	113692	54.715	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	25571	17.701	ug/l	100
3) Chloromethane	1.295	50	23974	16.037	ug/l	98
4) Vinyl Chloride	1.374	62	26724	18.753	ug/l	95
5) Bromomethane	1.599	94	18105	20.266	ug/l	98
6) Chloroethane	1.666	64	14850	22.443	ug/l	89
7) Trichlorofluoromethane	1.868	101	49996	20.346	ug/l	99
8) Diethyl Ether	2.136	74	17400	20.090	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	30099	21.793	ug/l #	87
10) Methyl Iodide	2.447	142	29334	19.734	ug/l	90
11) Tert butyl alcohol	3.002	59	40127	104.747	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	27653	20.297	ug/l	85
13) Acrolein	2.240	56	37802	124.386	ug/l	98
14) Allyl chloride	2.660	41	48161	21.041	ug/l	99
15) Acrylonitrile	3.069	53	90502	103.512	ug/l	98
16) Acetone	2.386	43	94656	110.118	ug/l	97
17) Carbon Disulfide	2.502	76	50830	15.871	ug/l	99
18) Methyl Acetate	2.709	43	45132	23.048	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	100512	20.238	ug/l	100
20) Methylene Chloride	2.788	84	32765	19.719	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	28240	18.548	ug/l	91
22) Diisopropyl ether	3.764	45	101999	21.026	ug/l	95
23) Vinyl Acetate	3.721	43	445181	102.591	ug/l	97
24) 1,1-Dichloroethane	3.605	63	54979	20.061	ug/l	97
25) 2-Butanone	4.568	43	134270	108.390	ug/l	98
26) 2,2-Dichloropropane	4.477	77	45972	20.063	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	36400	20.192	ug/l	91
28) Bromochloromethane	4.904	49	19376	19.810	ug/l #	78
29) Tetrahydrofuran	5.013	42	83131	102.612	ug/l	96
30) Chloroform	5.093	83	59365	20.821	ug/l	94
31) Cyclohexane	5.458	56	42978	18.605	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	51913	20.012	ug/l	97
36) 1,1-Dichloropropene	5.690	75	36236	17.869	ug/l	95
37) Ethyl Acetate	4.715	43	49921	19.729	ug/l	99
38) Carbon Tetrachloride	5.672	117	43673	18.799	ug/l	97
39) Methylcyclohexane	7.373	83	45667	19.168	ug/l	93
40) Benzene	6.038	78	119080	19.048	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
 Data File : VX041509.D
 Acq On : 14 May 2024 10:54
 Operator : JC/MD
 Sample : VX0514WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Quant Time: May 15 00:55:48 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	25861	19.858	ug/l	92
42) 1,2-Dichloroethane	6.086	62	47104	20.559	ug/l	97
43) Isopropyl Acetate	6.349	43	76414	20.085	ug/l	99
44) Trichloroethene	7.129	130	32950	19.960	ug/l	83
45) 1,2-Dichloropropane	7.428	63	29790	21.328	ug/l	98
46) Dibromomethane	7.586	93	22418	20.161	ug/l #	80
47) Bromodichloromethane	7.824	83	42039	21.216	ug/l	98
48) Methyl methacrylate	7.696	41	37803	21.676	ug/l	97
49) 1,4-Dioxane	7.671	88	16411	435.236	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	260208	113.983	ug/l	100
52) Toluene	8.720	92	77372	20.232	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	40389	19.120	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	44847	20.588	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	32368	21.978	ug/l	97
56) Ethyl methacrylate	9.116	69	50420	22.121	ug/l	100
57) 1,3-Dichloropropane	9.305	76	53893	21.926	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	114368	103.485	ug/l	94
59) 2-Hexanone	9.433	43	204961	112.279	ug/l	99
60) Dibromochloromethane	9.519	129	35767	20.630	ug/l	97
61) 1,2-Dibromoethane	9.610	107	33506	20.680	ug/l	99
64) Tetrachloroethene	9.269	164	31571	19.367	ug/l	90
65) Chlorobenzene	10.080	112	91902	20.110	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	32298	20.002	ug/l	99
67) Ethyl Benzene	10.195	91	147607	19.577	ug/l	97
68) m/p-Xylenes	10.299	106	117596	38.947	ug/l	94
69) o-Xylene	10.640	106	58644	20.285	ug/l	95
70) Styrene	10.659	104	96496	20.341	ug/l	96
71) Bromoform	10.799	173	28235	19.538	ug/l #	100
73) Isopropylbenzene	10.964	105	153125	20.112	ug/l	97
74) N-amyl acetate	10.842	43	66151	19.888	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	53471	21.433	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	42114m	20.719	ug/l	
77) Bromobenzene	11.195	156	43239	20.122	ug/l	80
78) n-propylbenzene	11.305	91	164485	20.570	ug/l	97
79) 2-Chlorotoluene	11.366	91	104807	20.339	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	125790	20.268	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13773	18.457	ug/l	96
82) 4-Chlorotoluene	11.451	91	119152	20.368	ug/l	93
83) tert-Butylbenzene	11.713	119	137987	20.762	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	128562	20.587	ug/l	95
85) sec-Butylbenzene	11.890	105	157398	20.665	ug/l	96
86) p-Isopropyltoluene	12.006	119	136371	19.936	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	77358	19.806	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	79371	19.724	ug/l	96
89) n-Butylbenzene	12.329	91	106007	19.272	ug/l	97
90) Hexachloroethane	12.536	117	21654	18.929	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	80867	19.602	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	11367	19.718	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	53160	18.435	ug/l	96
94) Hexachlorobutadiene	13.725	225	26506	18.407	ug/l	98
95) Naphthalene	13.774	128	160268	18.755	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55078	18.689	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
Data File : VX041509.D
Acq On : 14 May 2024 10:54
Operator : JC/MD
Sample : VX0514WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Manual Integrations
APPROVED

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

Quant Time: May 15 00:55:48 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

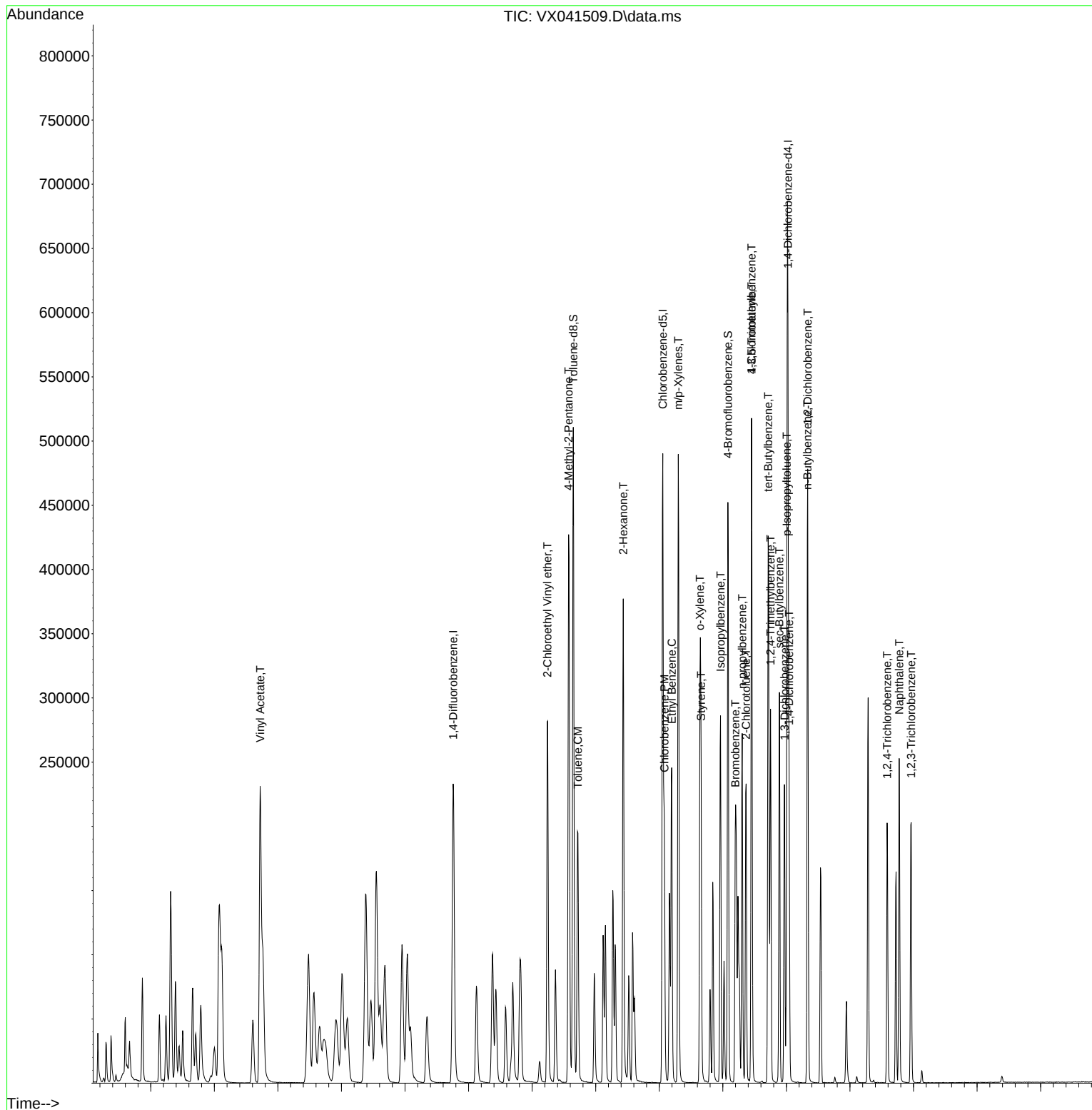
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
Data File : VX041509.D
Acq On : 14 May 2024 10:54
Operator : JC/MD
Sample : VX0514WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

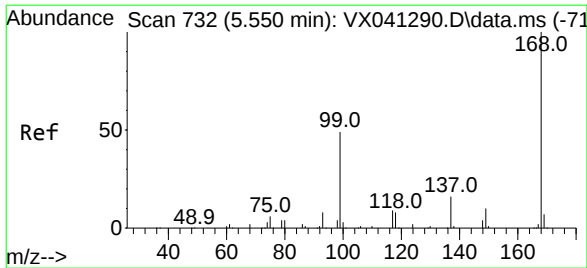
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Manual Integrations
APPROVED

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

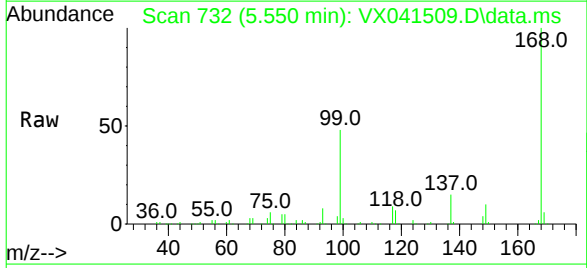
Quant Time: May 15 00:55:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

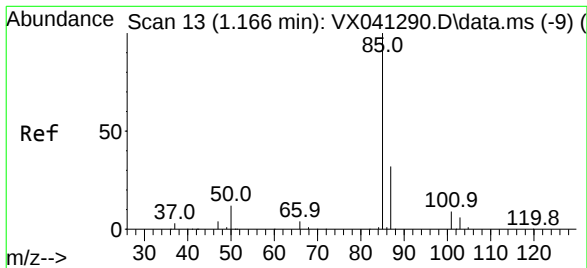
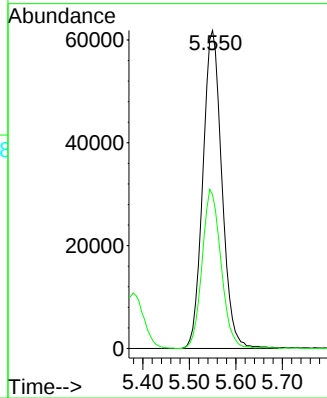
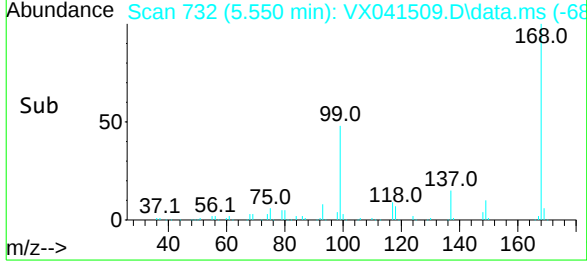
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



Tgt Ion:168 Resp: 175812
Ion Ratio Lower Upper
168 100
99 48.3 56.6 85.0#

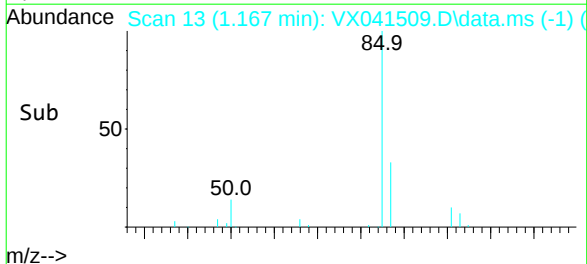
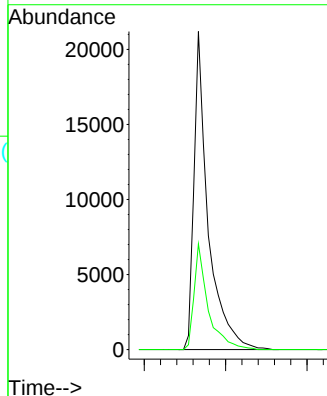
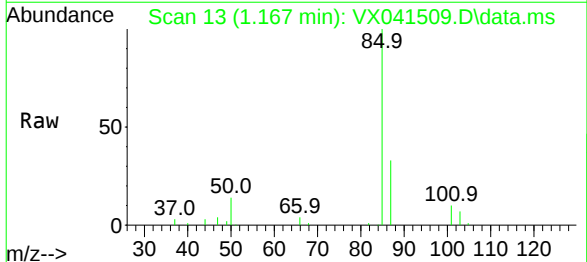
Manual Integrations
APPROVED

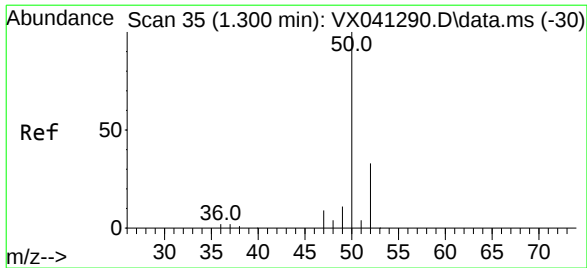
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#2
Dichlorodifluoromethane
Concen: 17.701 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

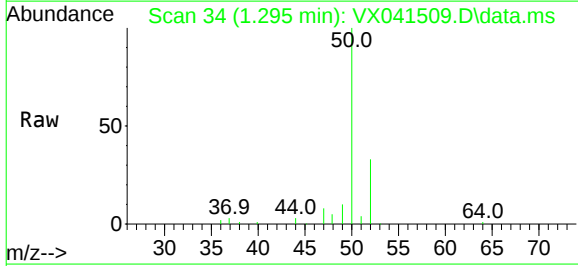
Tgt Ion: 85 Resp: 25571
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.1





#3
Chloromethane
Concen: 16.037 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

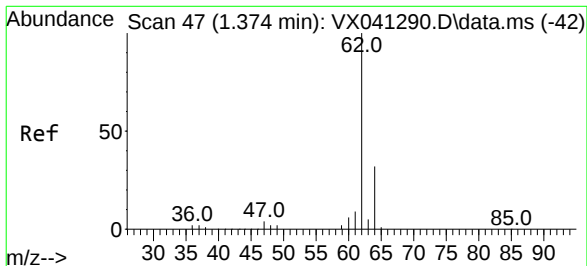
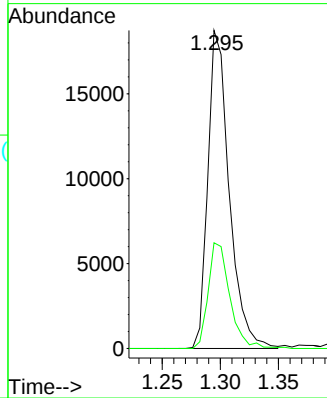
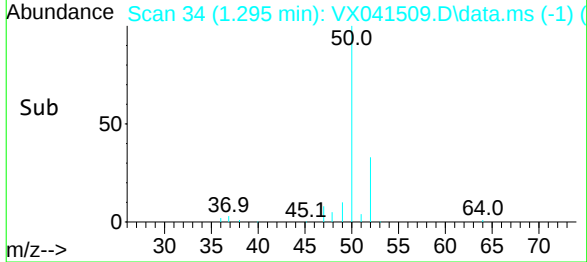
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



Tgt Ion: 50 Resp: 23974
Ion Ratio Lower Upper
50 100
52 33.2 25.5 38.3

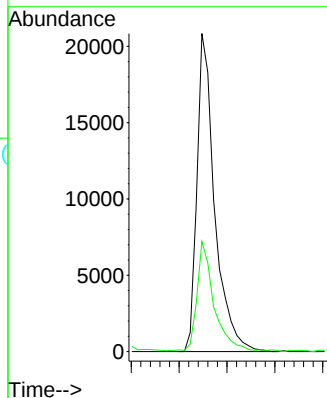
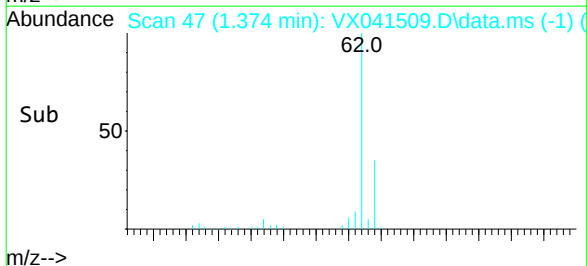
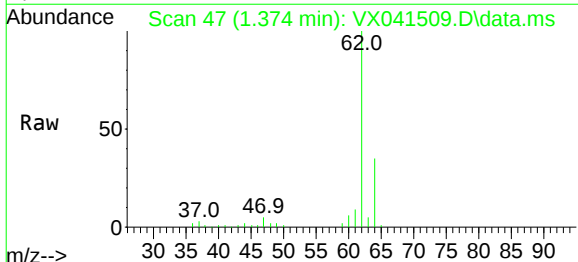
Manual Integrations
APPROVED

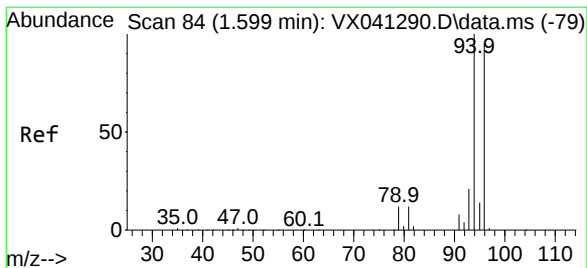
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#4
Vinyl Chloride
Concen: 18.753 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Tgt Ion: 62 Resp: 26724
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0





#5

Bromomethane

Concen: 20.266 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041509.D

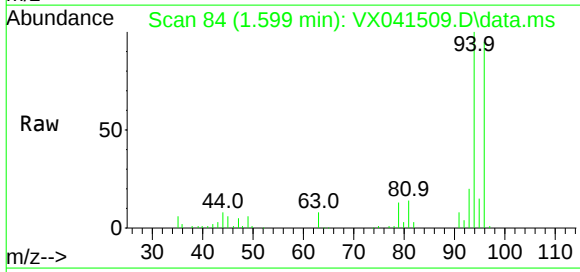
Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01



Tgt Ion: 94 Resp: 18105

Ion Ratio Lower Upper

94 100

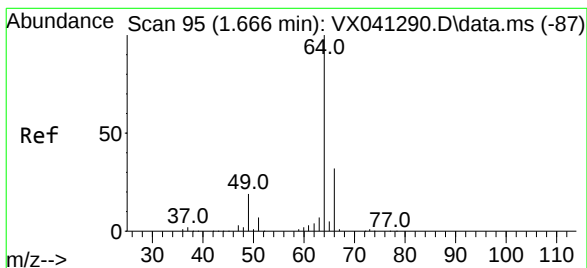
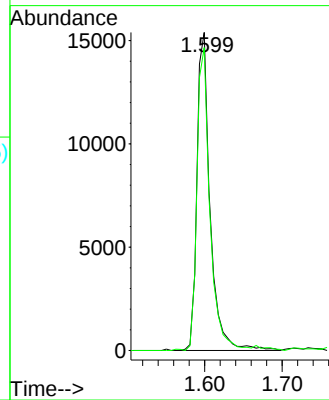
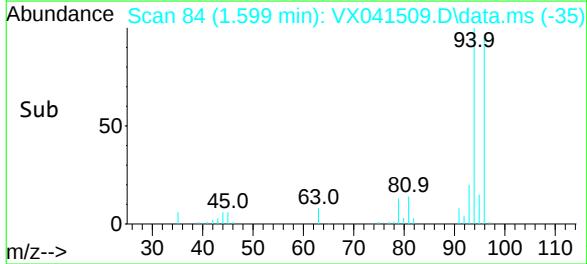
96 94.9 74.6 111.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#6

Chloroethane

Concen: 22.443 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041509.D

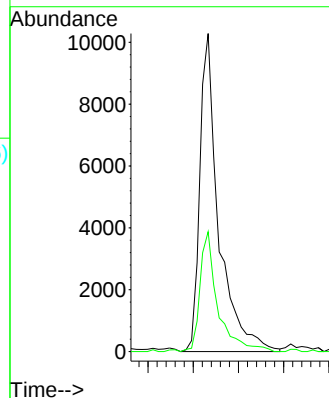
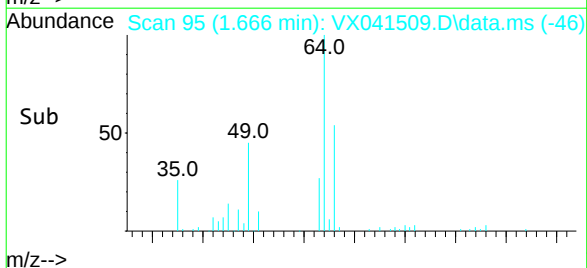
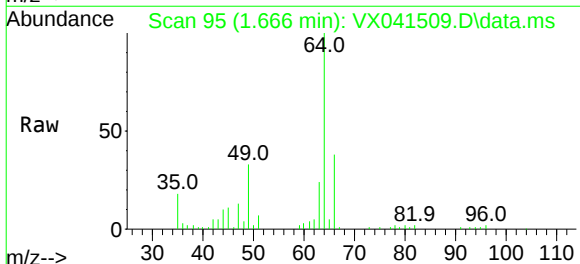
Acq: 14 May 2024 10:54

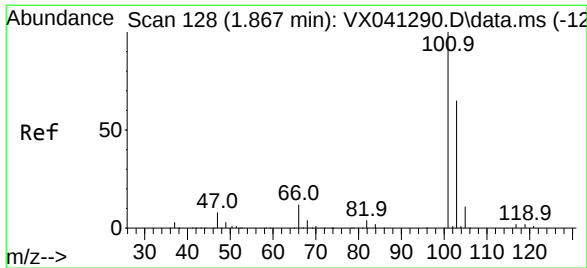
Tgt Ion: 64 Resp: 14850

Ion Ratio Lower Upper

64 100

66 37.7 25.1 37.7





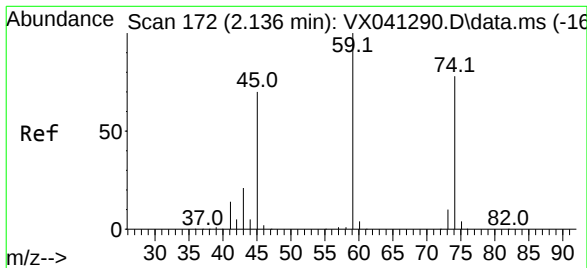
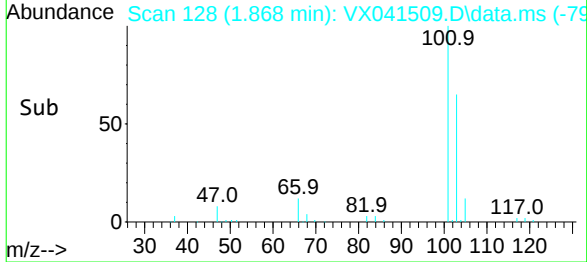
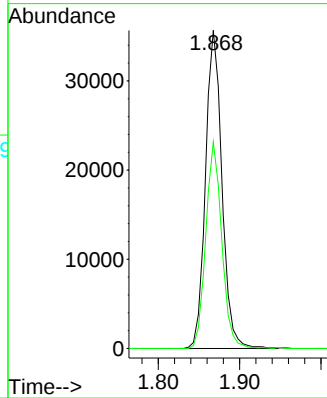
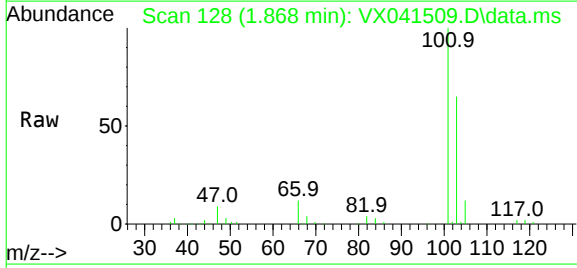
#7
 Trichlorofluoromethane
 Concen: 20.346 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX041509.D
 Acq: 14 May 2024 10:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBS01

Tgt Ion:101 Resp: 49996
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.2

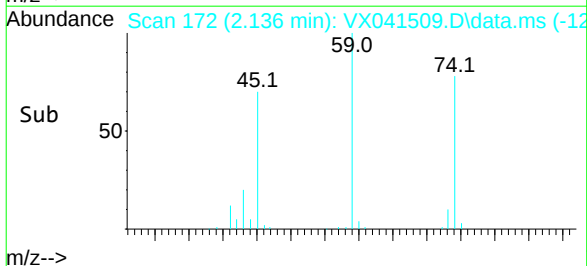
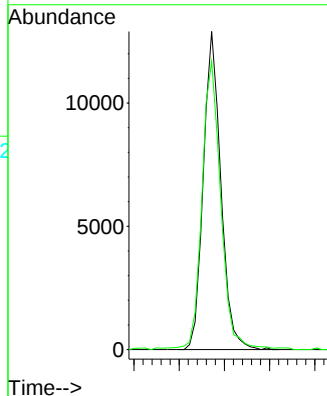
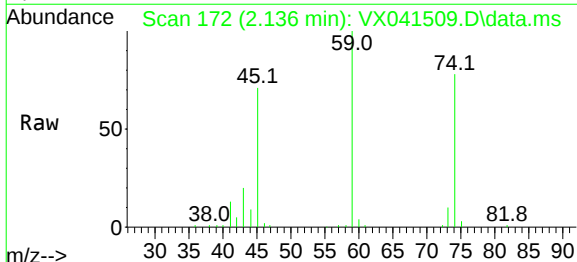
Manual Integrations
 APPROVED

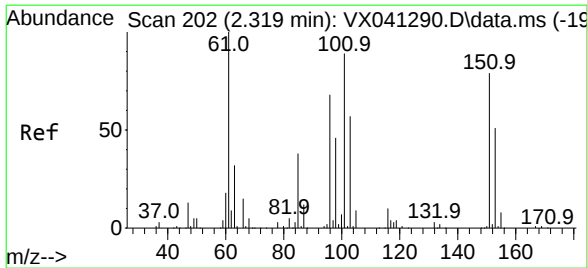
Reviewed By :John Carlone 05/15/2024
 Supervised By :Mahesh Dadoda 05/15/2024



#8
 Diethyl Ether
 Concen: 20.090 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX041509.D
 Acq: 14 May 2024 10:54

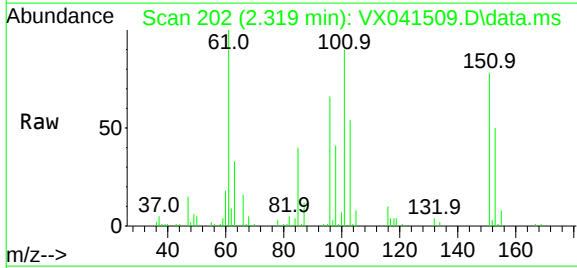
Tgt Ion: 74 Resp: 17400
 Ion Ratio Lower Upper
 74 100
 45 97.8 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.793 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

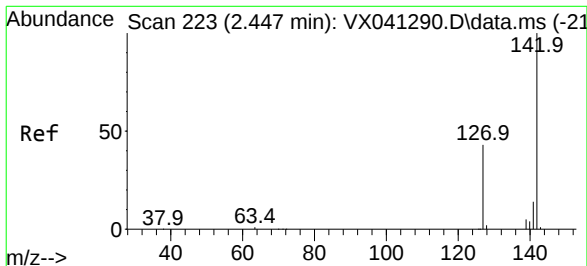
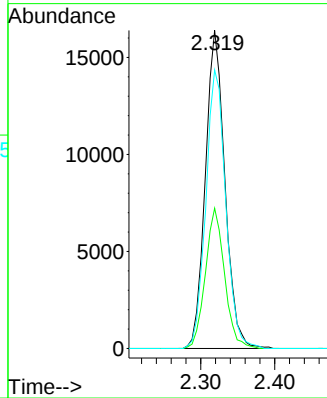
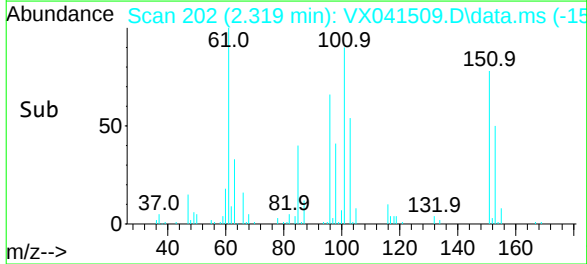
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



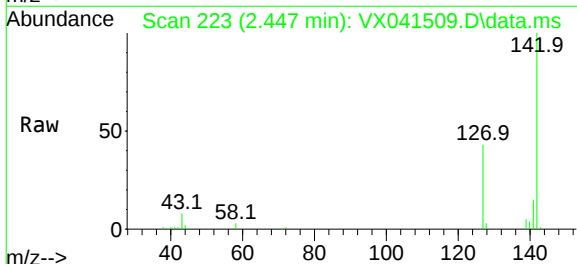
Tgt Ion:101 Resp: 30099
Ion Ratio Lower Upper
101 100
85 43.3 37.0 55.6
151 89.2 58.6 87.8#

Manual Integrations
APPROVED

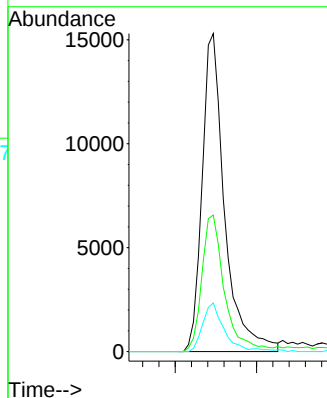
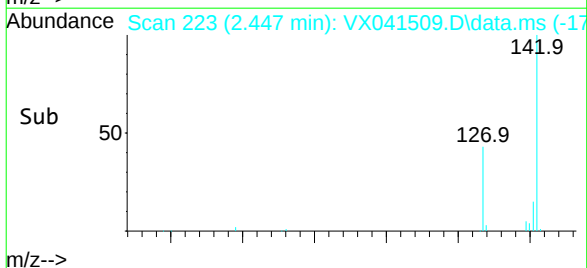
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

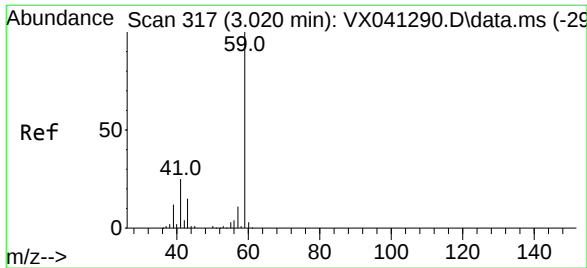


#10
Methyl Iodide
Concen: 19.734 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54



Tgt Ion:142 Resp: 29334
Ion Ratio Lower Upper
142 100
127 43.2 41.6 62.4
141 15.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 104.747 ug/l

RT: 3.002 min Scan# 31

Delta R.T. -0.018 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tgt Ion: 59 Resp: 40127

Ion Ratio Lower Upper

59 100

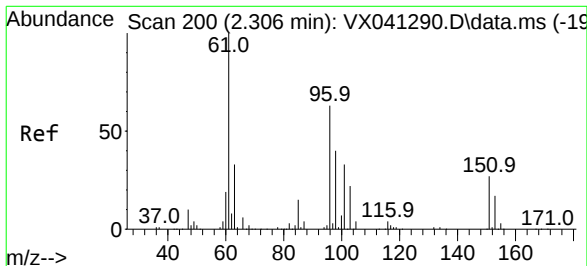
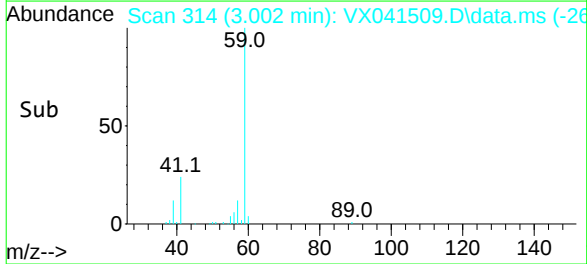
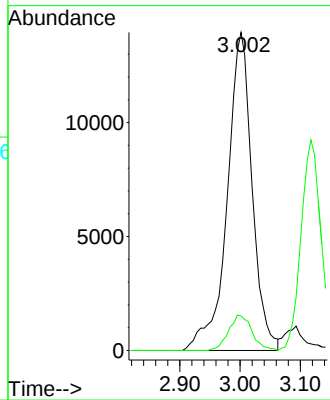
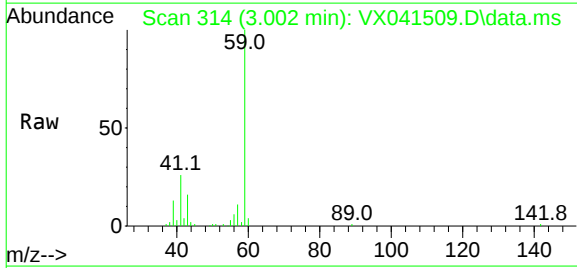
57 10.4 6.0 9.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#12

1,1-Dichloroethene

Concen: 20.297 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

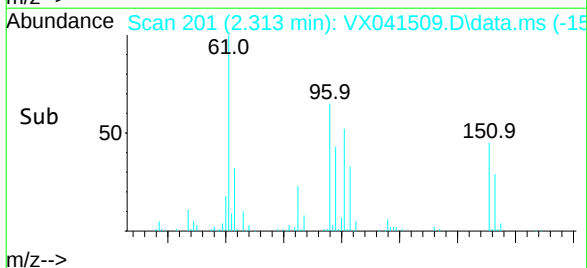
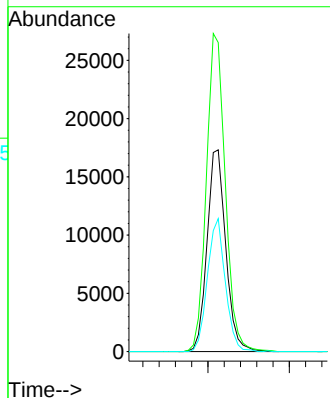
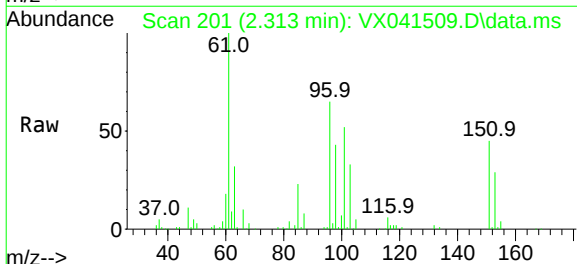
Tgt Ion: 96 Resp: 27653

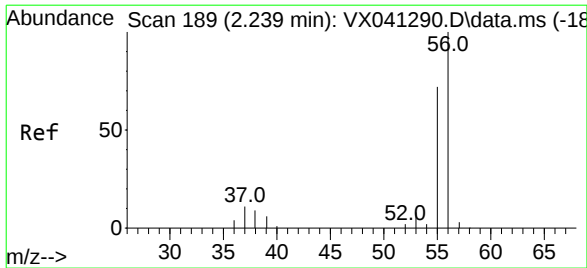
Ion Ratio Lower Upper

96 100

61 153.2 144.6 216.8

98 65.9 50.4 75.6





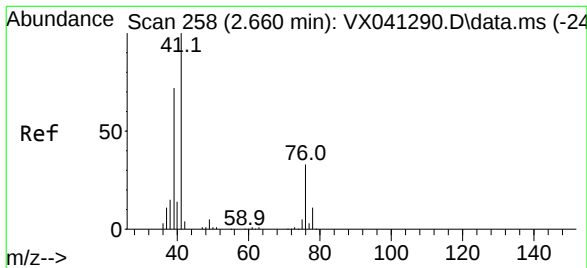
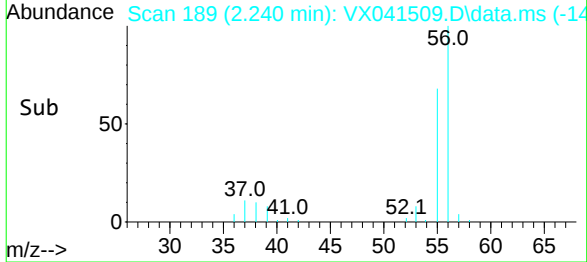
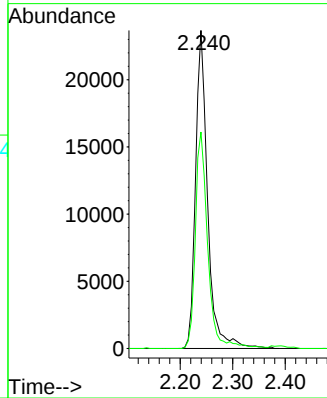
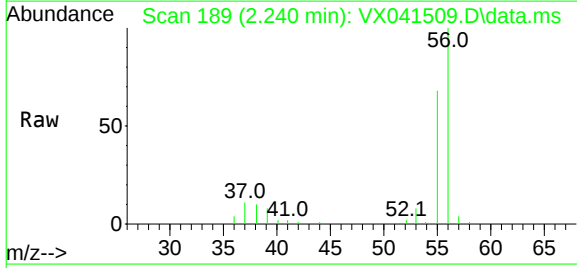
#13
Acrolein
Concen: 124.386 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tgt Ion: 56 Resp: 37802
Ion Ratio Lower Upper
56 100
55 70.0 57.1 85.7

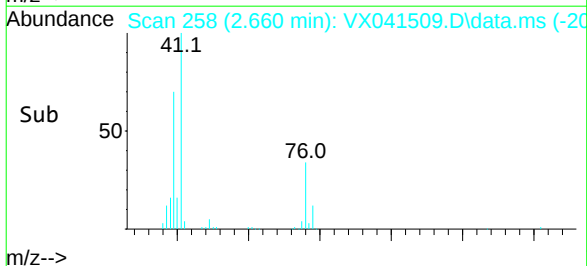
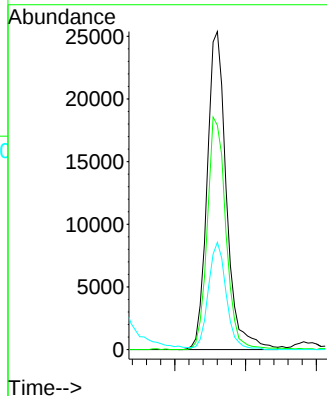
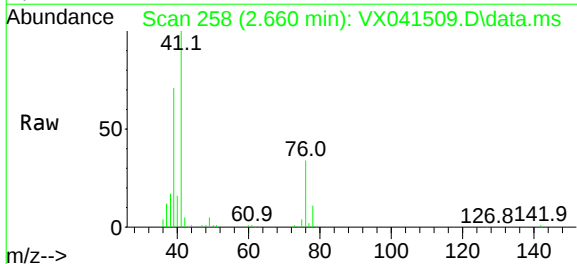
Manual Integrations
APPROVED

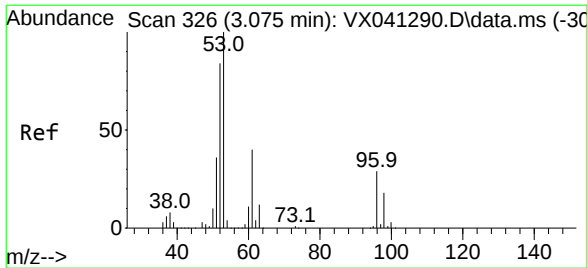
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#14
Allyl chloride
Concen: 21.041 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Tgt Ion: 41 Resp: 48161
Ion Ratio Lower Upper
41 100
39 70.5 55.8 83.6
76 31.3 24.3 36.5





#15

Acrylonitrile

Concen: 103.512 ug/l

RT: 3.069 min Scan# 32

Delta R.T. -0.006 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

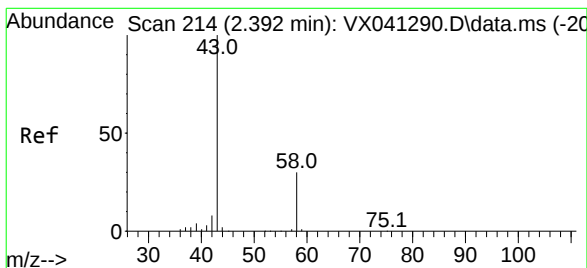
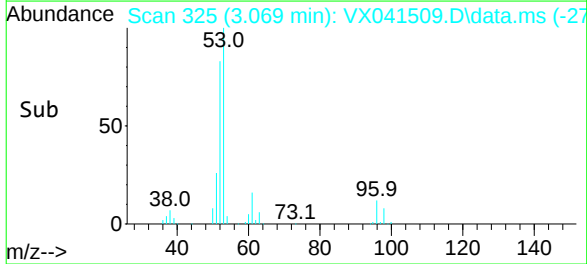
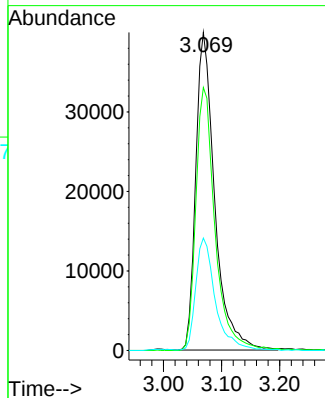
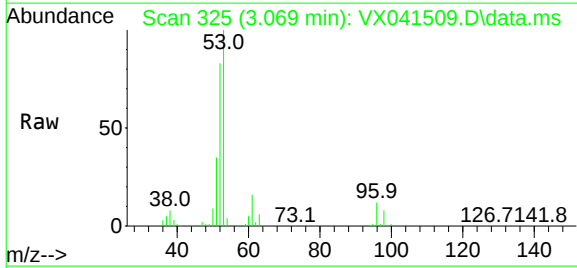
Tgt Ion:	53	Resp:	90502
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.0	99.0
51	36.2	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#16

Acetone

Concen: 110.118 ug/l

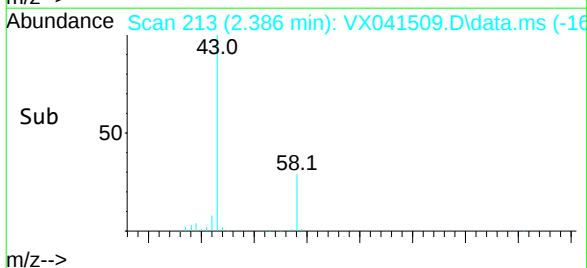
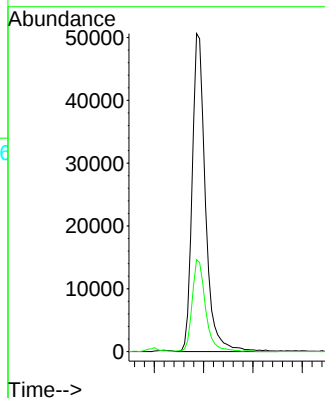
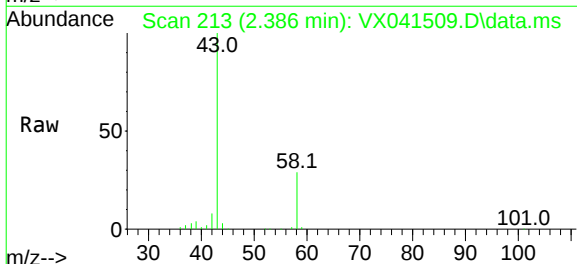
RT: 2.386 min Scan# 213

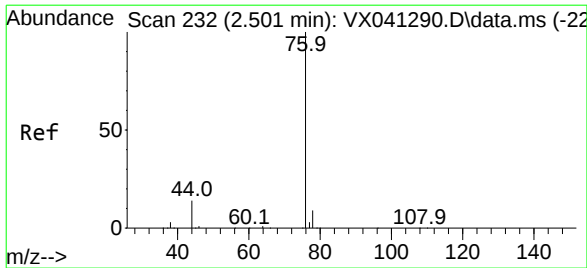
Delta R.T. -0.006 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Tgt Ion:	43	Resp:	94656
Ion	Ratio	Lower	Upper
43	100		
58	28.9	21.9	32.9





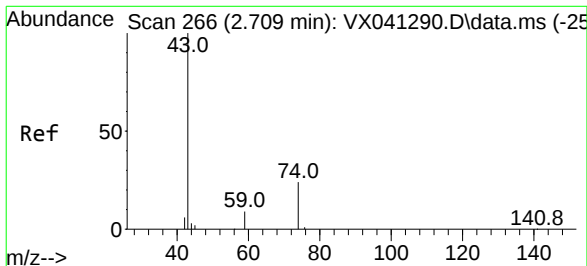
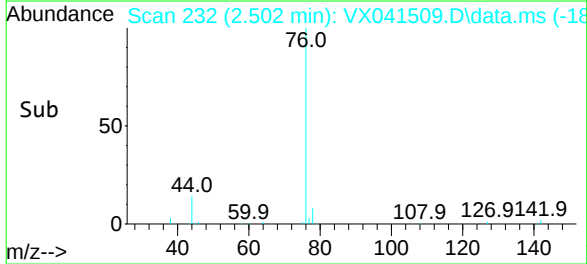
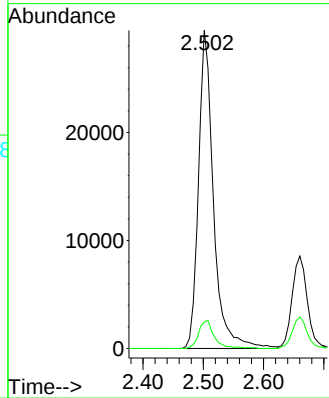
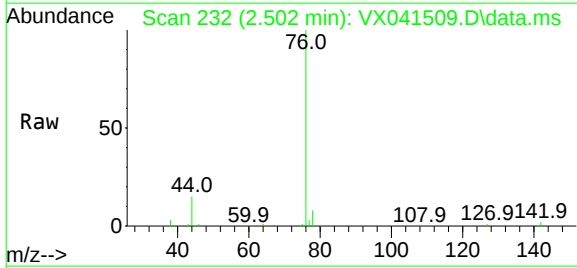
#17
Carbon Disulfide
Concen: 15.871 ug/l
RT: 2.502 min Scan# 231
Delta R.T. 0.001 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tgt Ion: 76 Resp: 50830
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.6

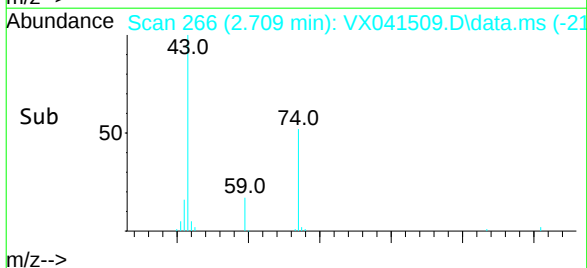
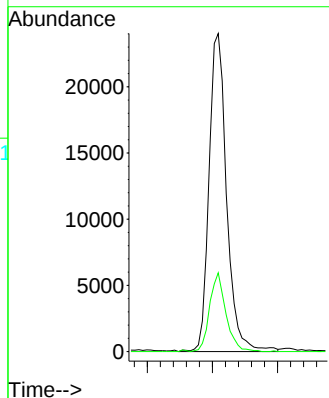
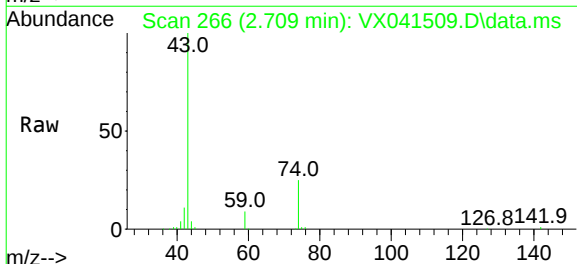
Manual Integrations
APPROVED

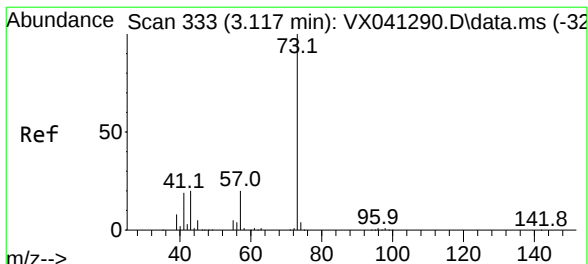
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#18
Methyl Acetate
Concen: 23.048 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Tgt Ion: 43 Resp: 45132
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





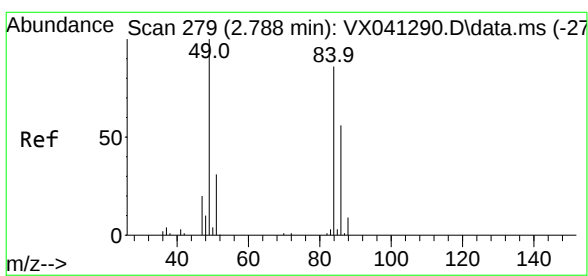
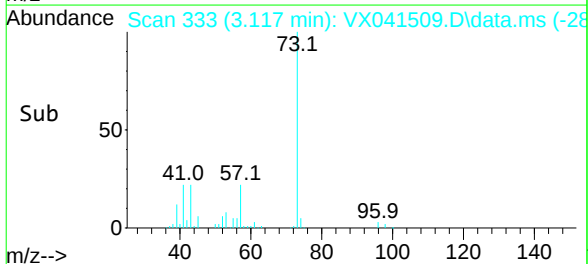
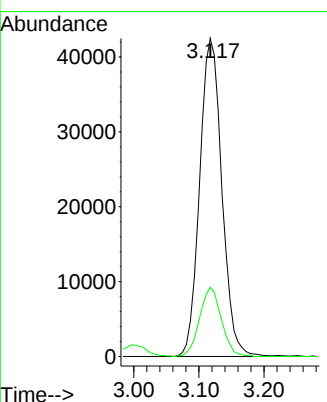
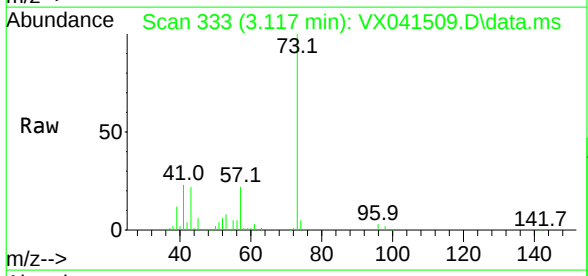
#19
Methyl tert-butyl Ether
Concen: 20.238 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tgt Ion:	73	Resp:	100512
Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.3	25.9

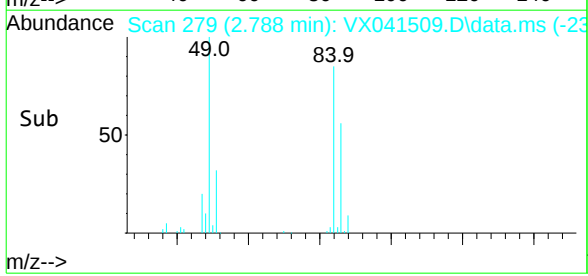
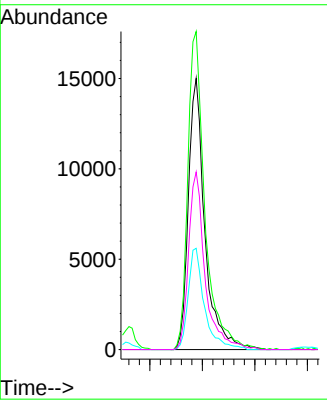
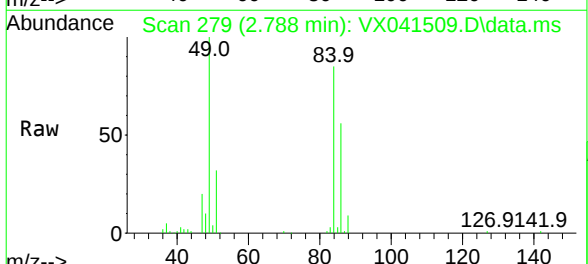
Manual Integrations
APPROVED

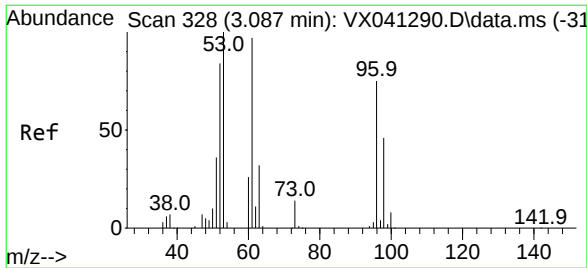
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#20
Methylene Chloride
Concen: 19.719 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

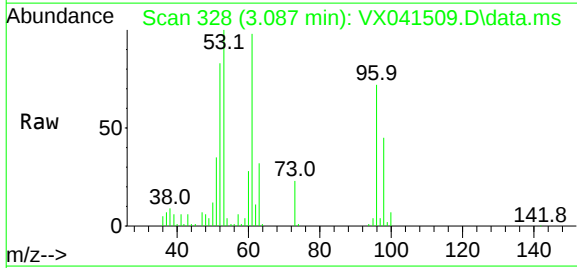
Tgt Ion:	84	Resp:	32765
Ion	Ratio	Lower	Upper
84	100		
49	117.3	103.6	155.4
51	37.3	33.8	50.6
86	65.5	49.4	74.0





#21
trans-1,2-Dichloroethene
Concen: 18.548 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

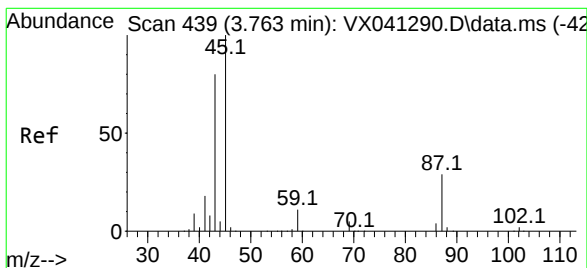
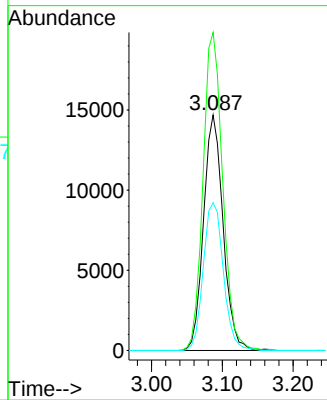
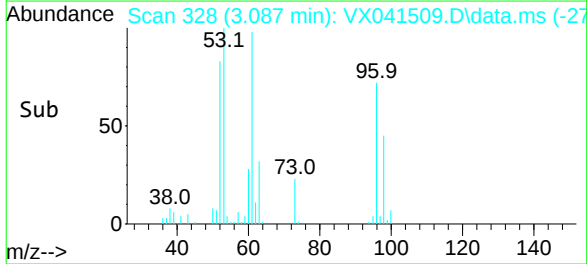
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



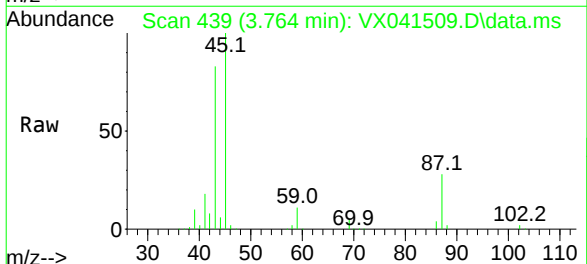
Tgt Ion: 96 Resp: 28240
Ion Ratio Lower Upper
96 100
61 135.0 119.2 178.8
98 62.8 48.7 73.1

Manual Integrations
APPROVED

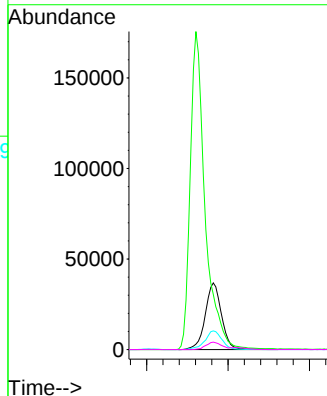
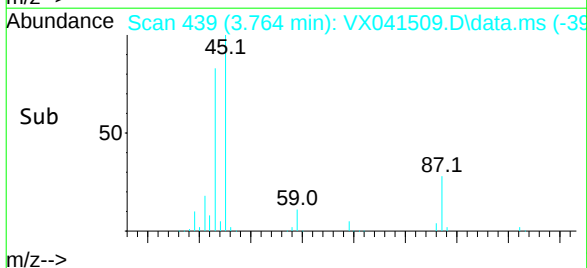
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

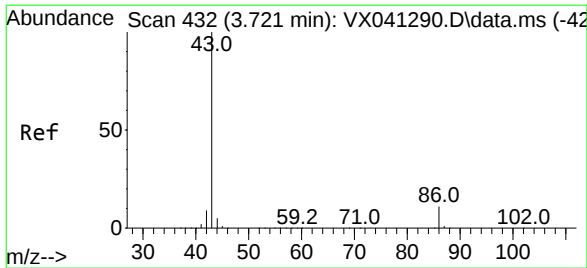


#22
Diisopropyl ether
Concen: 21.026 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54



Tgt Ion: 45 Resp: 101999
Ion Ratio Lower Upper
45 100
43 82.2 69.7 104.5
87 28.0 20.8 31.2
59 11.2 9.0 13.4





#23

Vinyl Acetate

Concen: 102.591 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tgt Ion: 43 Resp: 445181

Ion Ratio Lower Upper

43 100

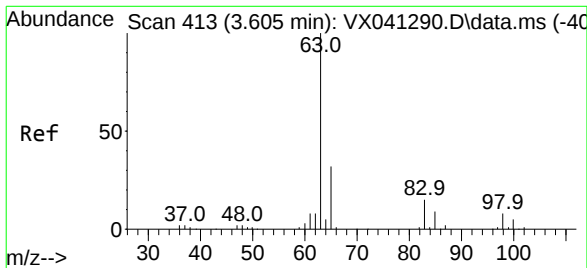
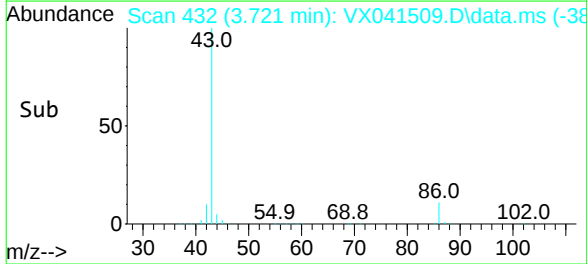
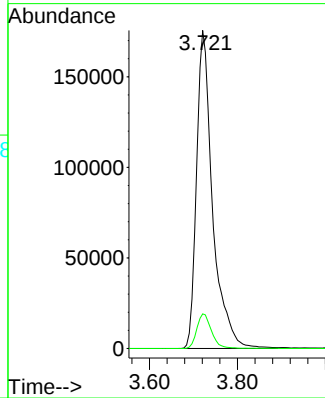
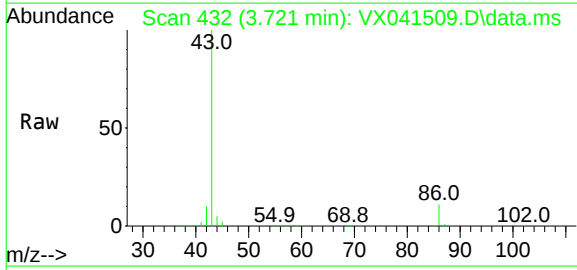
86 10.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#24

1,1-Dichloroethane

Concen: 20.061 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

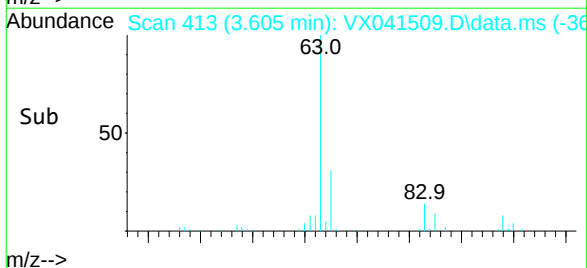
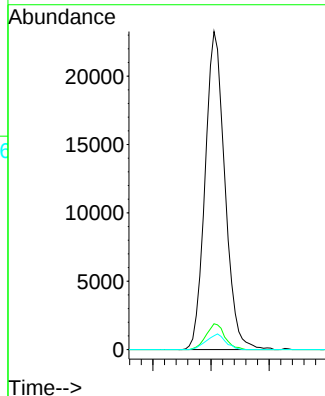
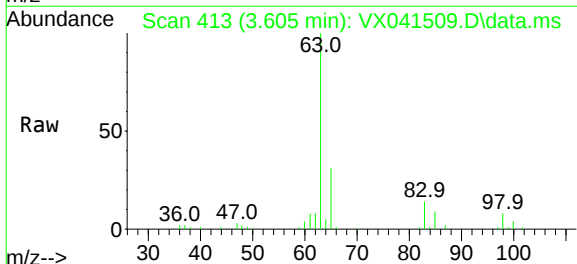
Tgt Ion: 63 Resp: 54979

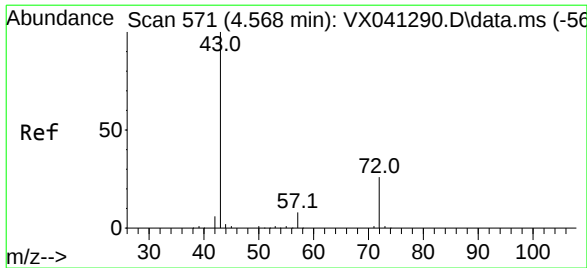
Ion Ratio Lower Upper

63 100

98 8.1 3.3 9.8

100 4.3 2.1 6.5





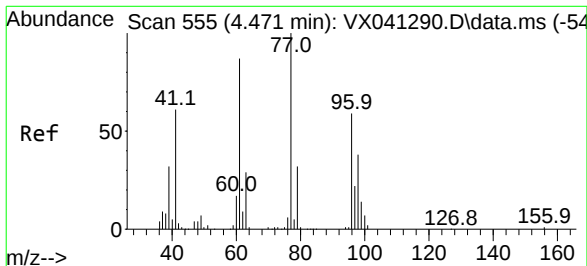
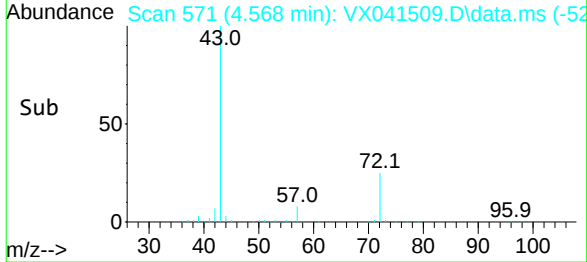
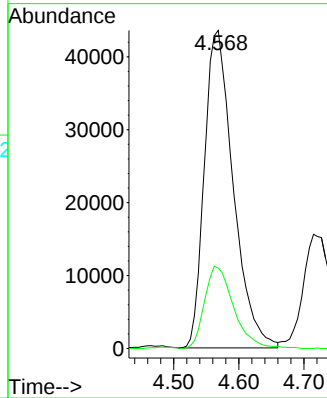
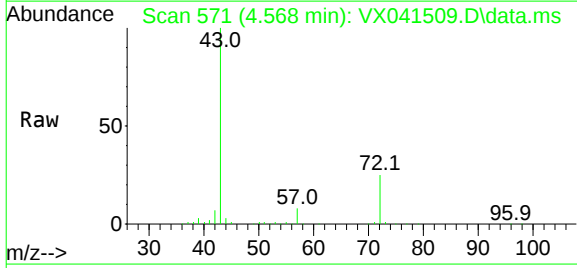
#25
2-Butanone
Concen: 108.390 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tgt Ion: 43 Resp: 134276
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.2

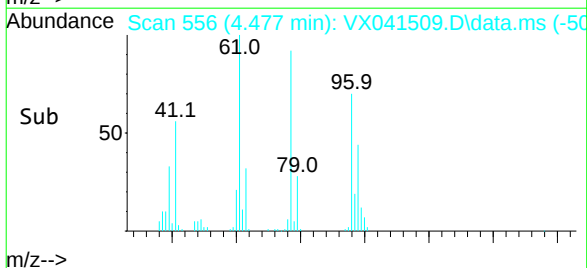
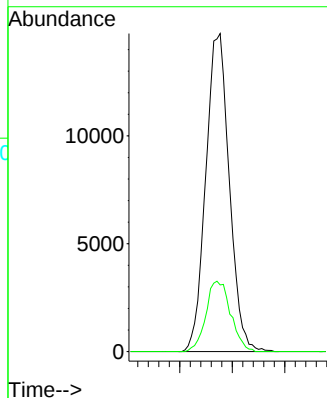
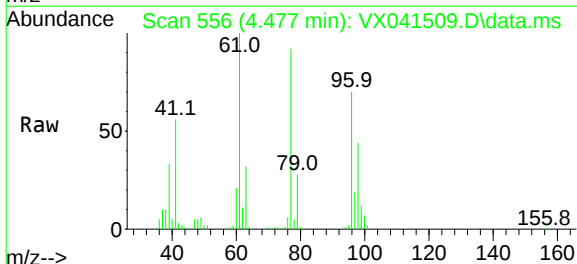
Manual Integrations
APPROVED

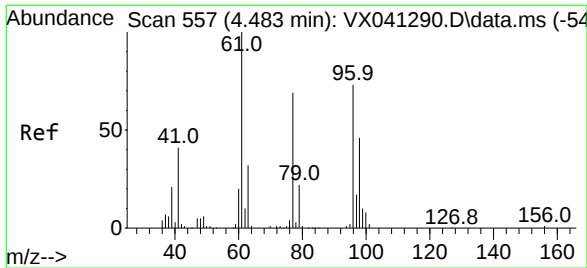
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#26
2,2-Dichloropropane
Concen: 20.063 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

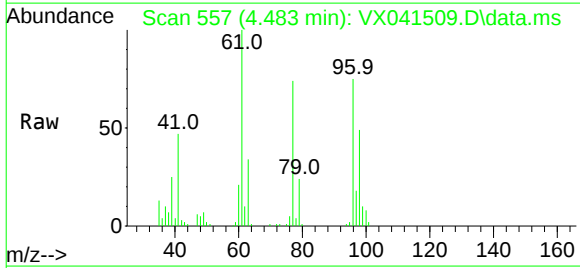
Tgt Ion: 77 Resp: 45972
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 20.192 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

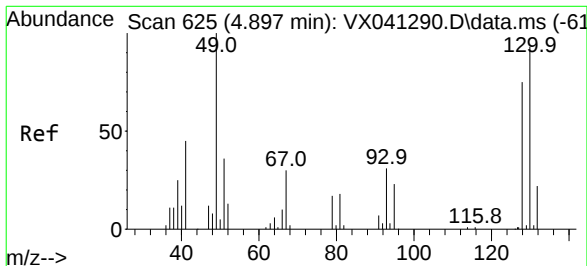
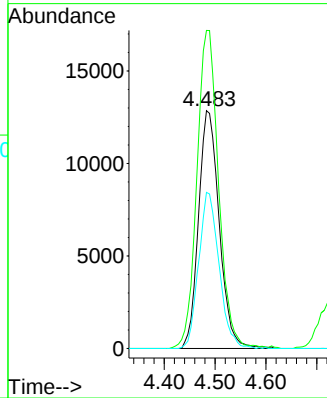
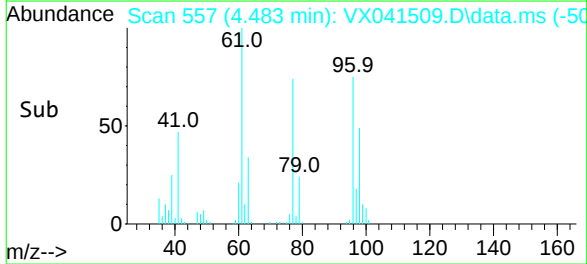
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



Tgt Ion: 96 Resp: 36400
Ion Ratio Lower Upper
96 100
61 139.9 0.0 312.2
98 64.7 0.0 129.0

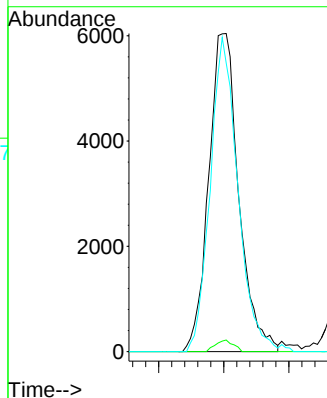
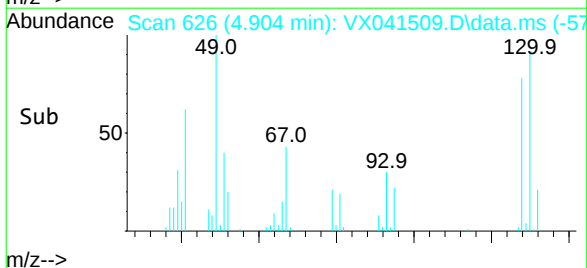
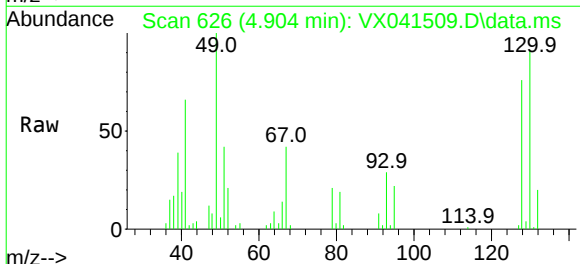
Manual Integrations
APPROVED

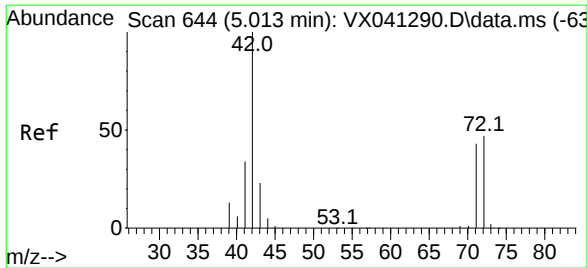
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#28
Bromochloromethane
Concen: 19.810 ug/l
RT: 4.904 min Scan# 626
Delta R.T. 0.007 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

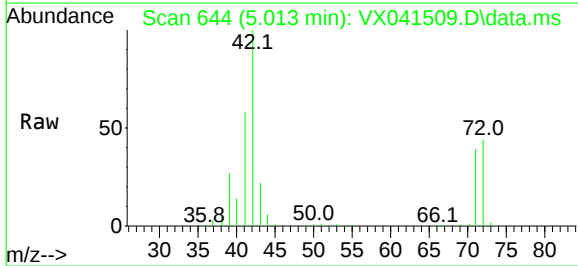
Tgt Ion: 49 Resp: 19376
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 90.8 57.5 86.3#





#29
Tetrahydrofuran
Concen: 102.612 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

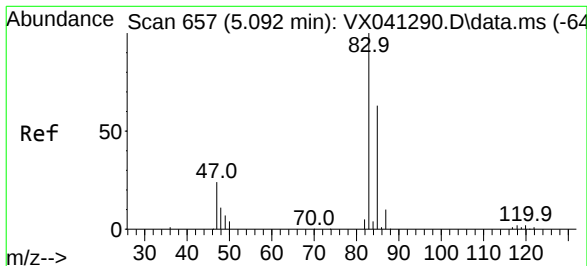
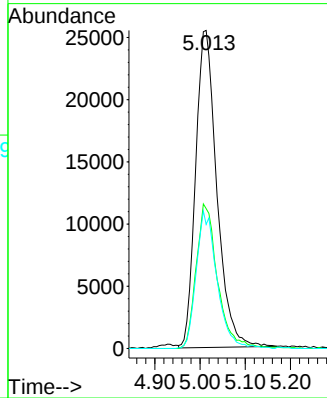
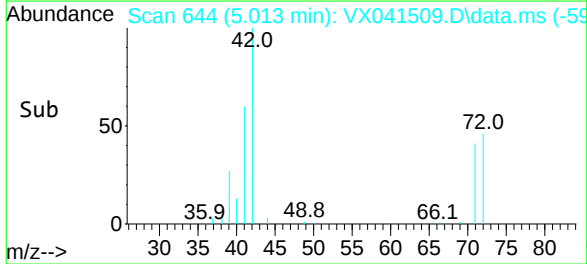
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.2	34.2	51.4
71	42.5	32.2	48.2

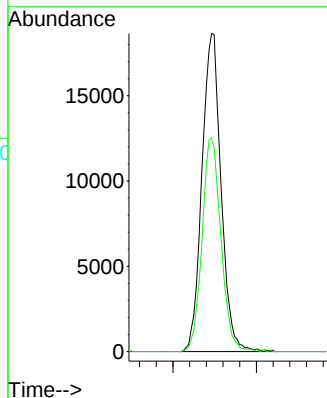
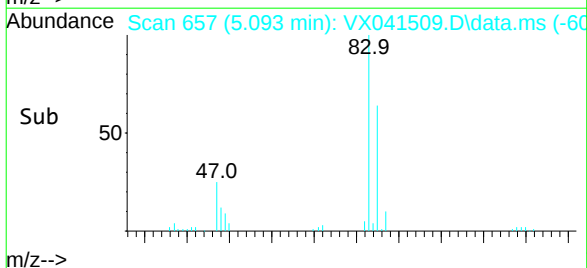
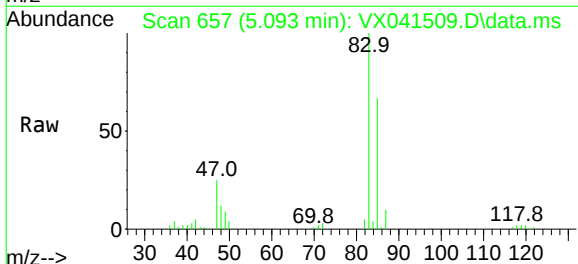
Manual Integrations
APPROVED

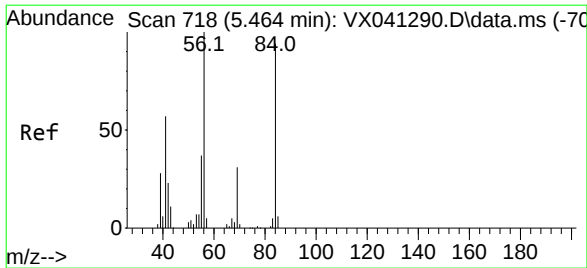
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#30
Chloroform
Concen: 20.821 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	50.3	75.5





#31

Cyclohexane

Concen: 18.605 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX041509.D

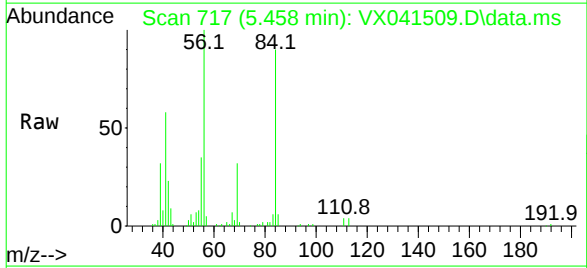
Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01



Tgt Ion: 56 Resp: 42978

Ion Ratio Lower Upper

56 100

69 32.2 23.4 35.2

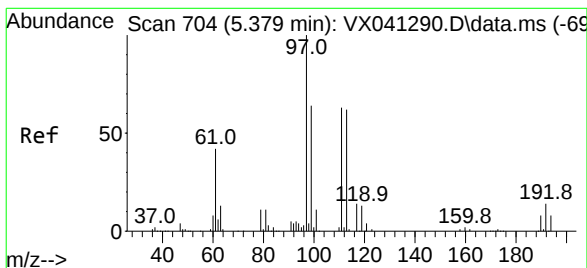
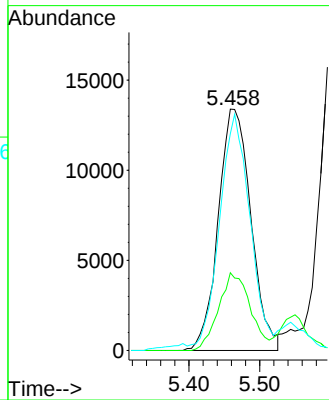
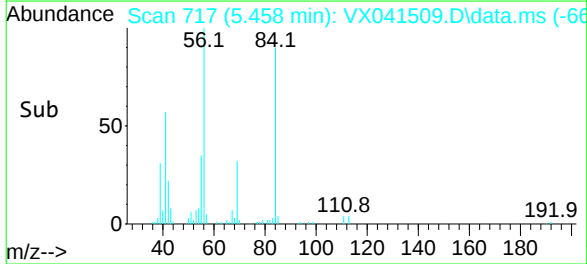
84 87.8 65.9 98.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#32

1,1,1-Trichloroethane

Concen: 20.012 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

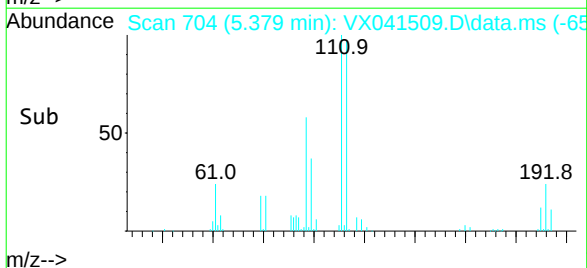
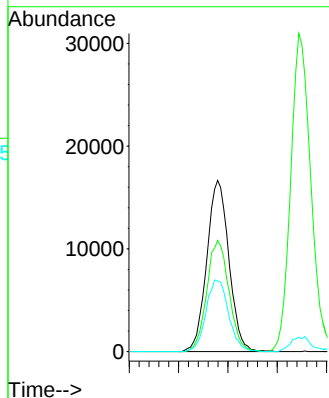
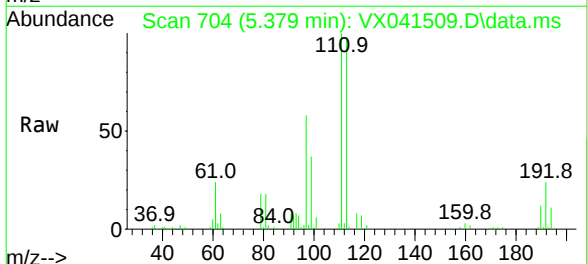
Tgt Ion: 97 Resp: 51913

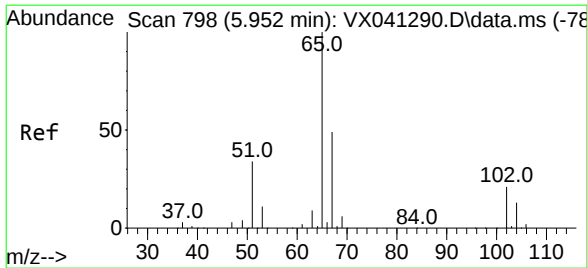
Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 42.6 36.4 54.6





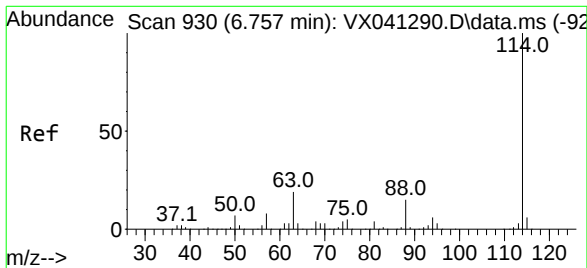
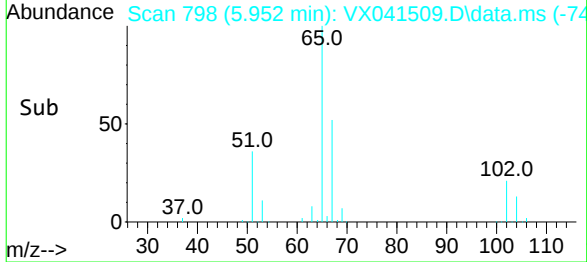
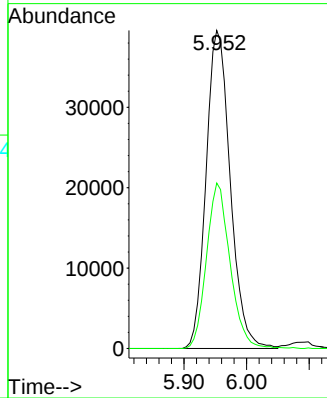
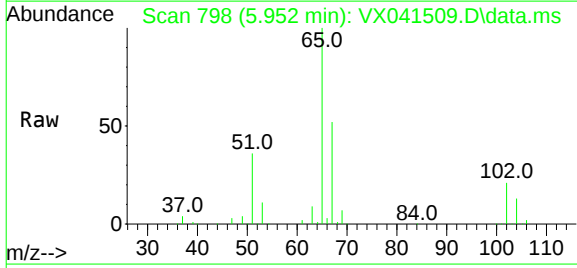
#33
1,2-Dichloroethane-d4
Concen: 55.443 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tgt Ion: 65 Resp: 106115
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.2

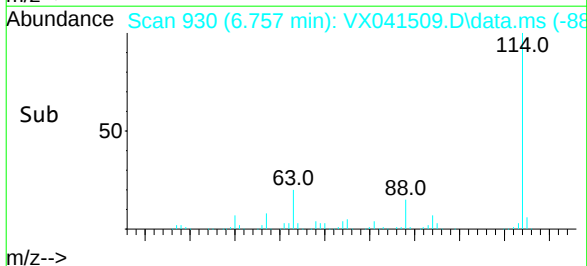
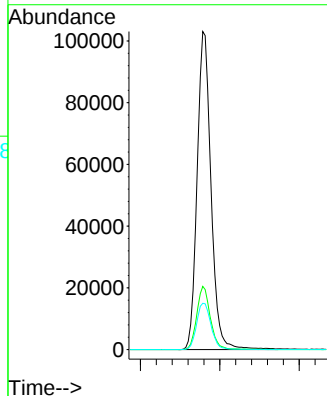
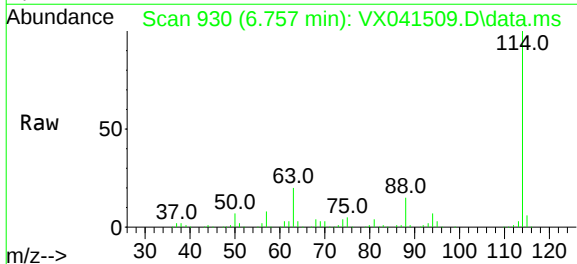
Manual Integrations
APPROVED

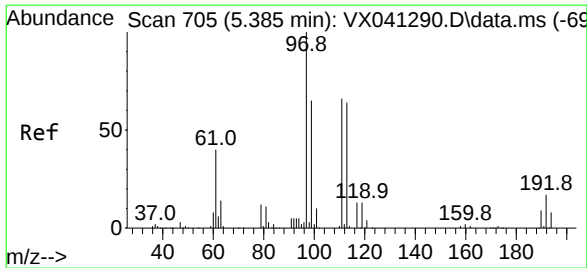
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Tgt Ion:114 Resp: 250259
Ion Ratio Lower Upper
114 100
63 19.9 0.0 45.0
88 14.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.479 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tgt Ion:113 Resp: 85609

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

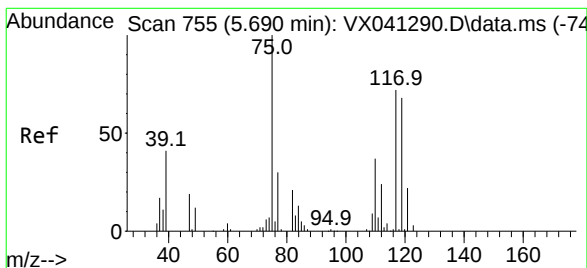
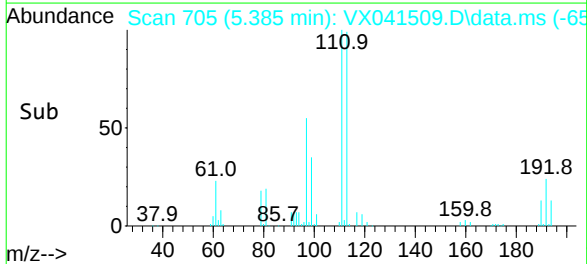
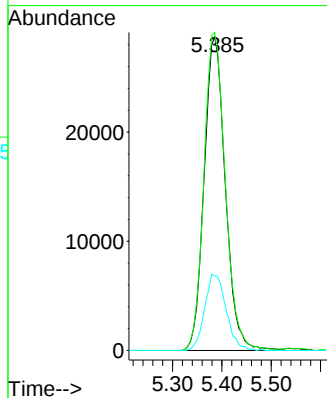
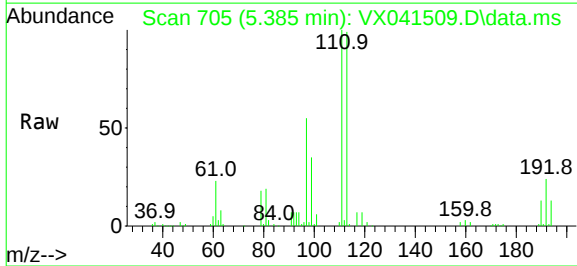
192 24.7 13.3 19.9#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#36

1,1-Dichloropropene

Concen: 17.869 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

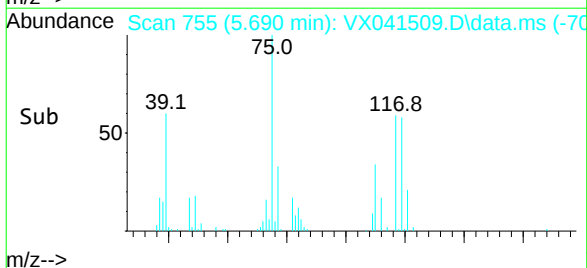
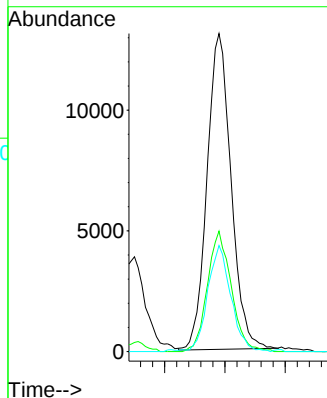
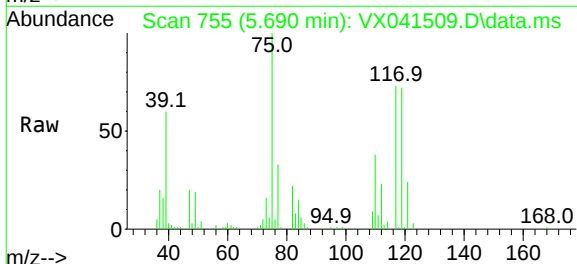
Tgt Ion: 75 Resp: 36236

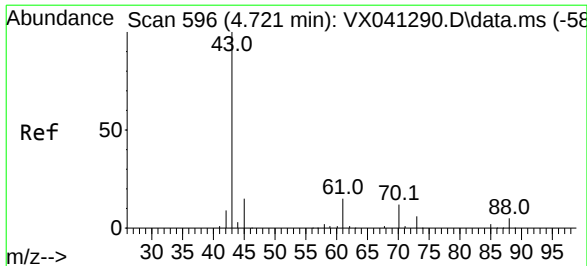
Ion Ratio Lower Upper

75 100

110 37.9 17.0 50.9

77 32.3 24.7 37.1





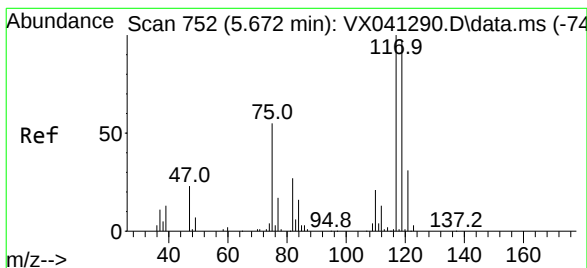
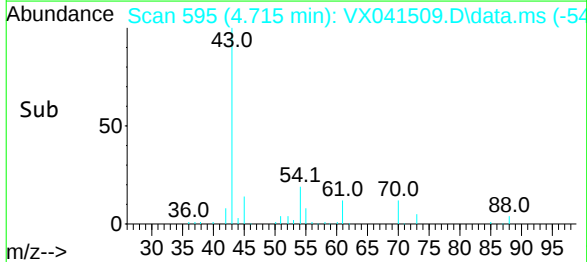
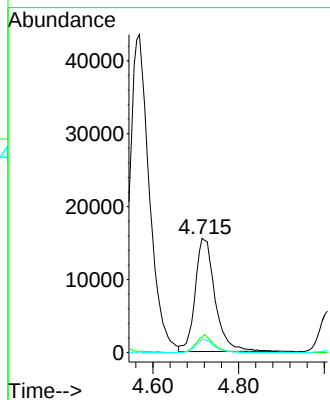
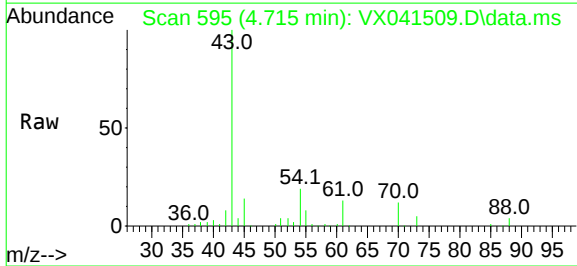
#37
Ethyl Acetate
Concen: 19.729 ug/l
RT: 4.715 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tgt Ion:	43	Resp:	49921
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	16.0
70	10.6	8.3	12.5

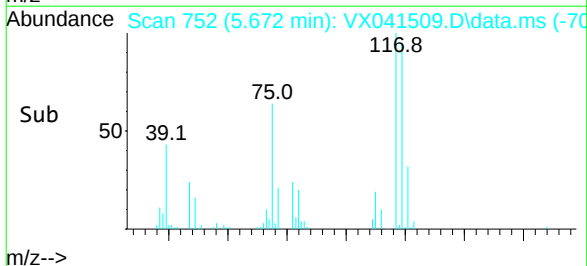
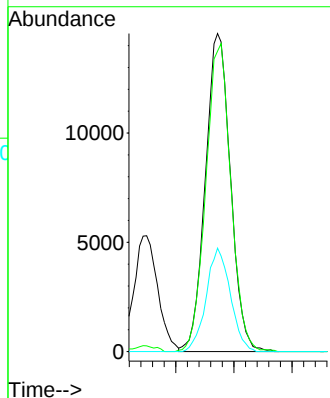
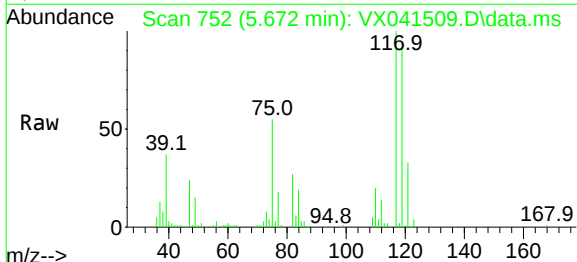
Manual Integrations
APPROVED

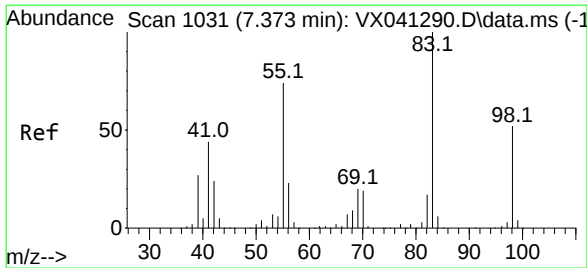
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#38
Carbon Tetrachloride
Concen: 18.799 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

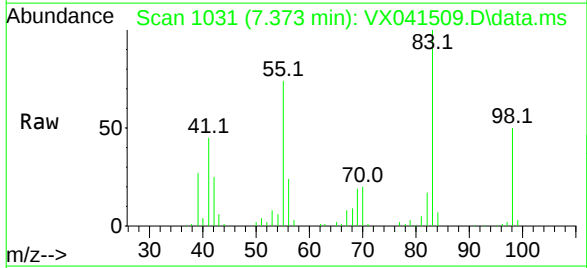
Tgt Ion:	117	Resp:	43673
Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.2	117.2
121	32.5	24.4	36.6





#39
Methylcyclohexane
Concen: 19.168 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

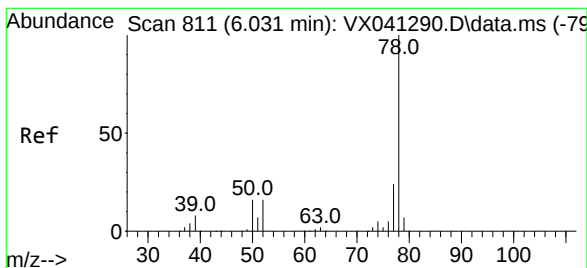
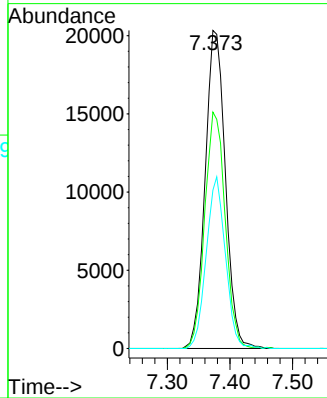
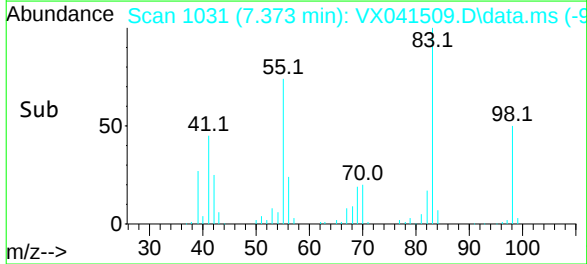
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



Tgt Ion: 83 Resp: 45667
Ion Ratio Lower Upper
83 100
55 74.3 64.6 97.0
98 49.8 36.7 55.1

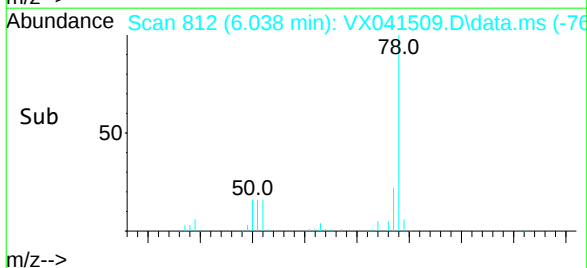
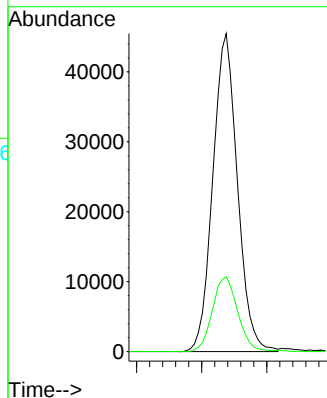
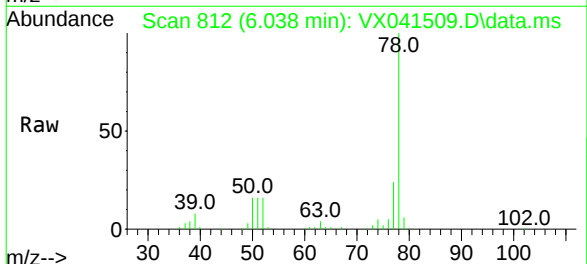
Manual Integrations
APPROVED

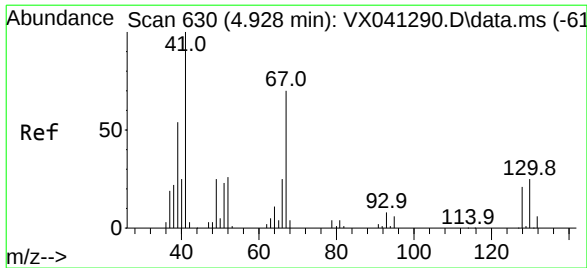
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#40
Benzene
Concen: 19.048 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Tgt Ion: 78 Resp: 119080
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





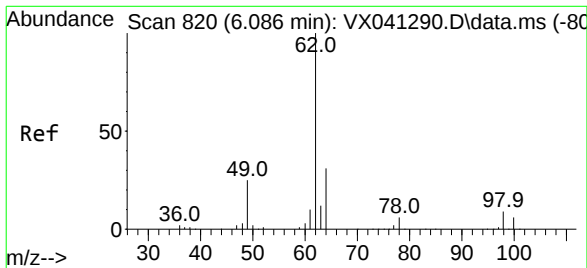
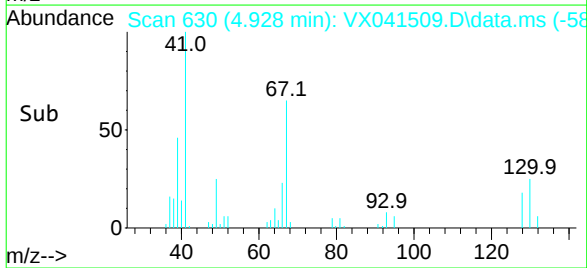
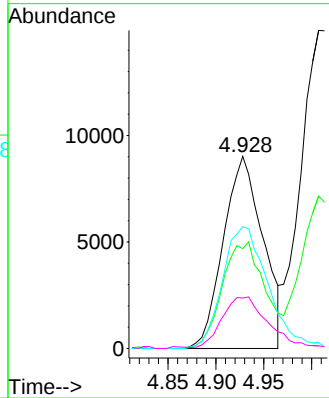
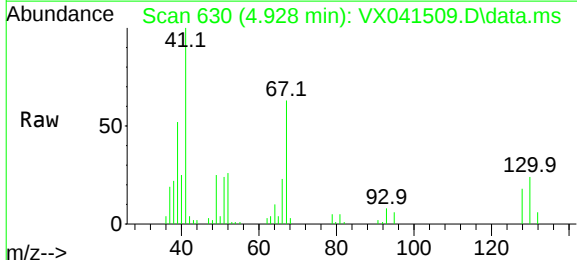
#41
Methacrylonitrile
Concen: 19.858 ug/l
RT: 4.928 min Scan# 630
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tgt Ion: 41	Resp: 25861
Ion Ratio	Lower Upper
41 100	
39 60.8	45.2 67.8
67 73.6	52.6 78.8
52 31.7	22.7 34.1

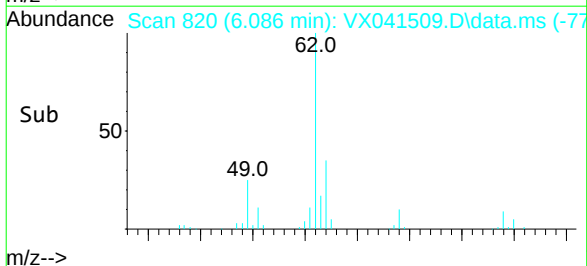
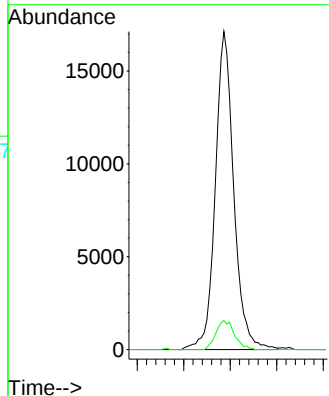
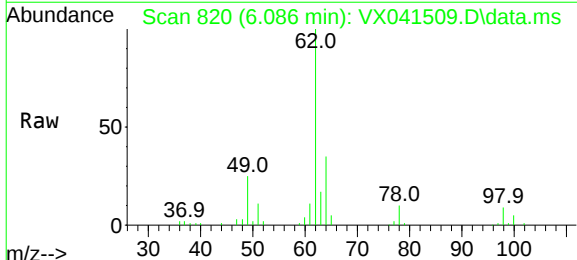
Manual Integrations
APPROVED

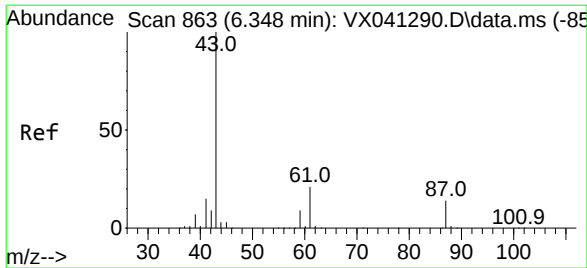
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#42
1,2-Dichloroethane
Concen: 20.559 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Tgt Ion: 62	Resp: 47104
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 16.0





#43

Isopropyl Acetate

Concen: 20.085 ug/l

RT: 6.349 min Scan# 863

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

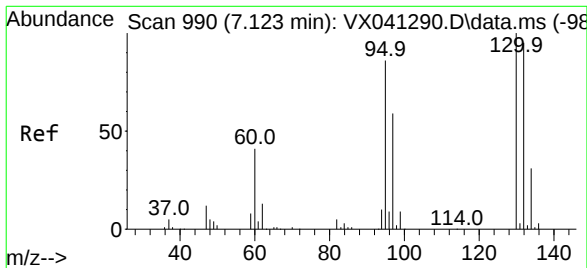
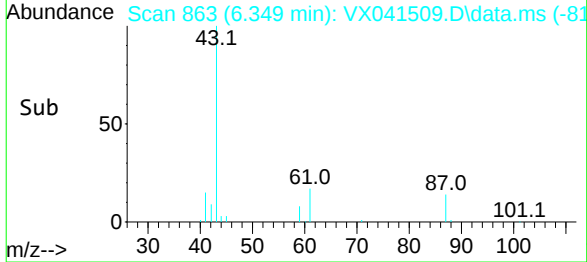
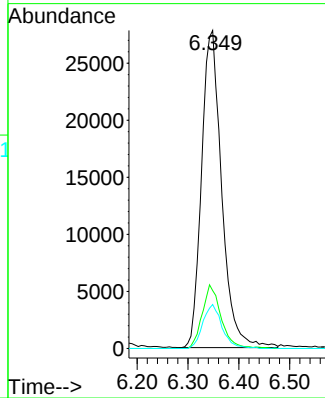
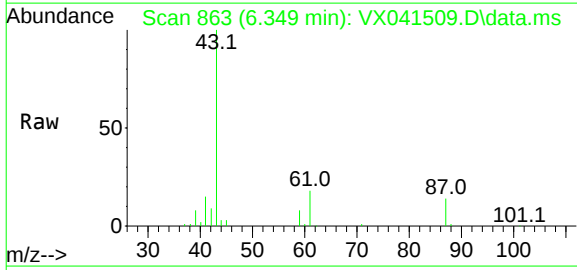
Tgt Ion:	43	Resp:	76414
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.2	22.8
87	13.3	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#44

Trichloroethene

Concen: 19.960 ug/l

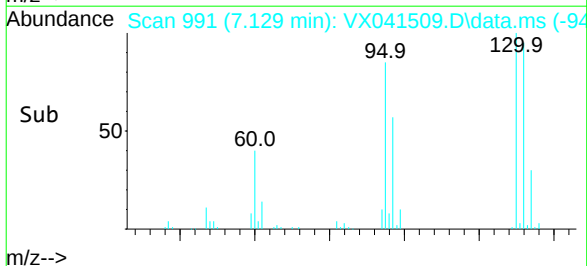
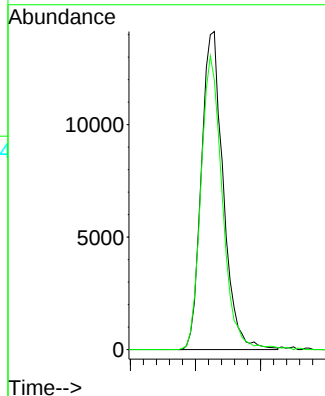
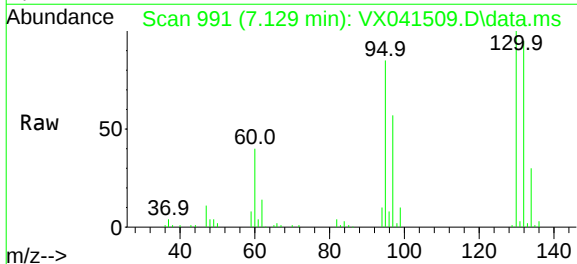
RT: 7.129 min Scan# 991

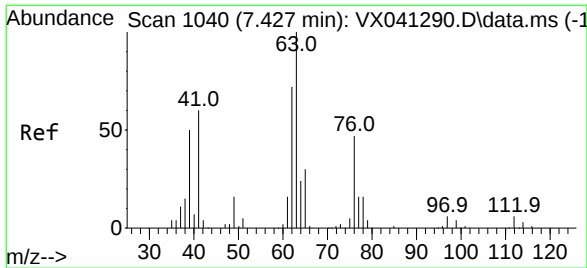
Delta R.T. 0.006 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Tgt Ion:	130	Resp:	32950
Ion	Ratio	Lower	Upper
130	100		
95	84.9	0.0	204.4





#45

1,2-Dichloropropane

Concen: 21.328 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tgt Ion: 63 Resp: 29790

Ion Ratio Lower Upper

63 100

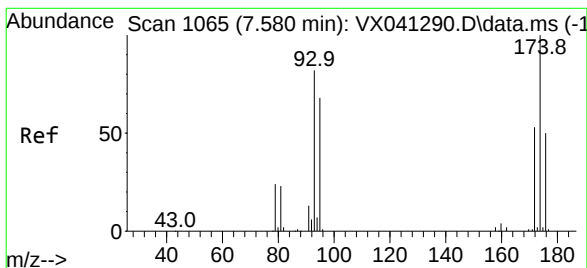
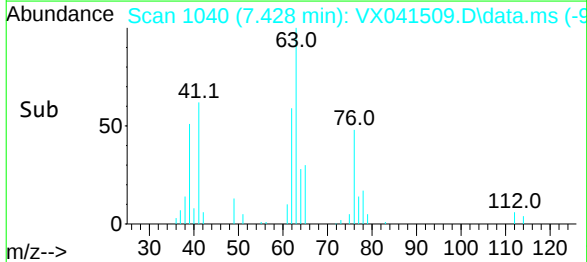
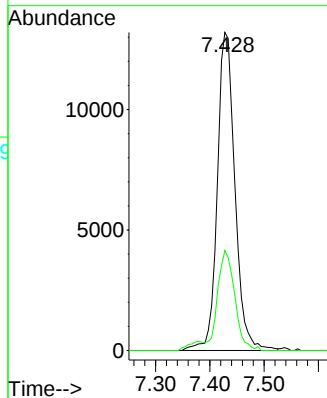
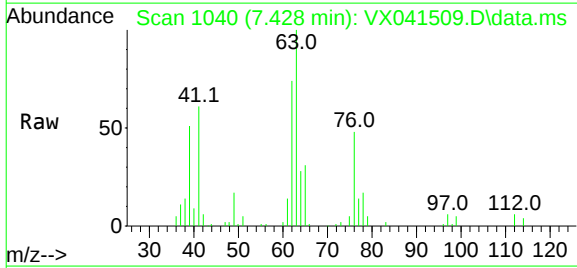
65 31.4 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#46

Dibromomethane

Concen: 20.161 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

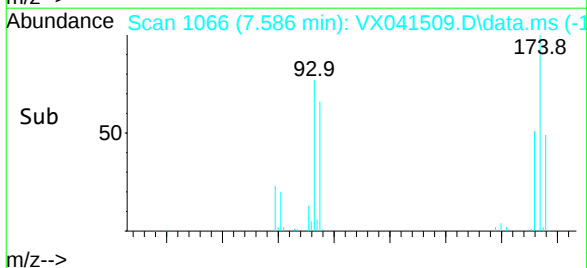
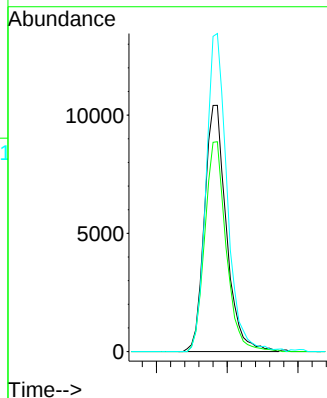
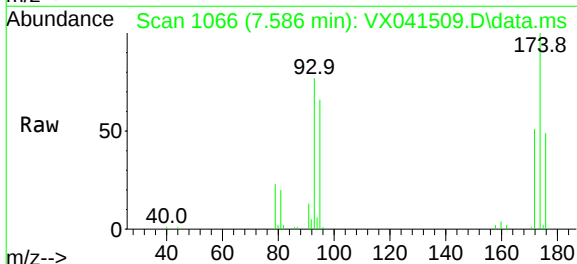
Tgt Ion: 93 Resp: 22418

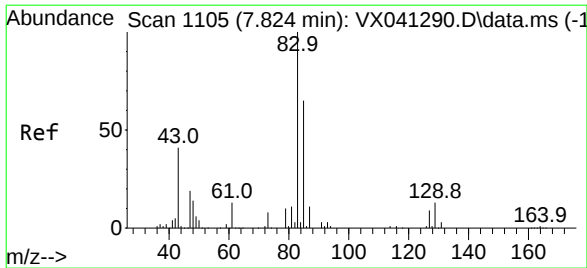
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

174 123.4 69.4 104.0#





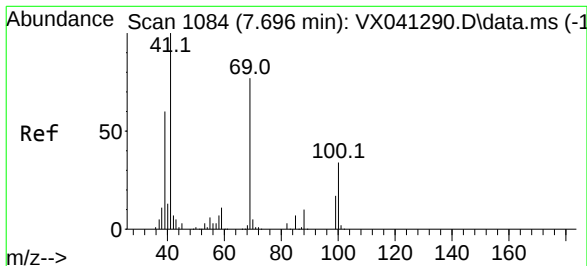
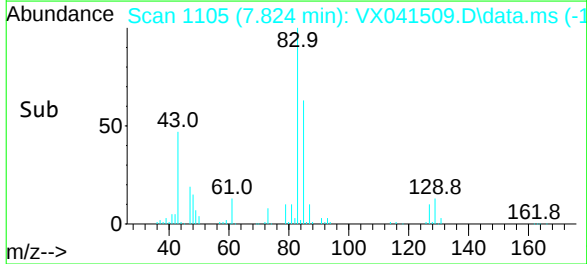
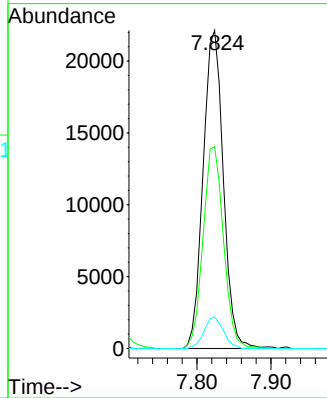
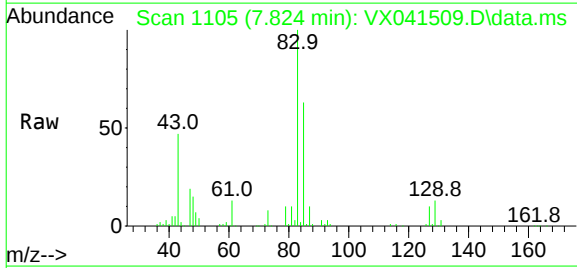
#47
Bromodichloromethane
Concen: 21.216 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.8	74.6
127	9.9	7.1	10.7

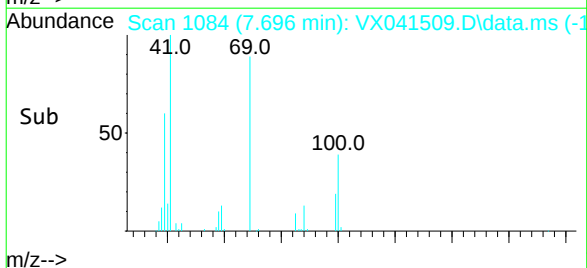
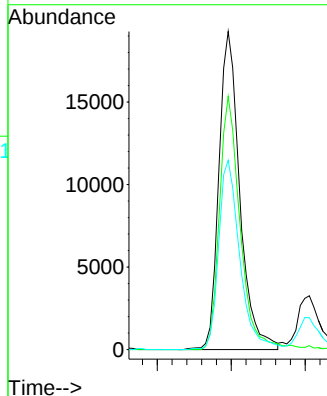
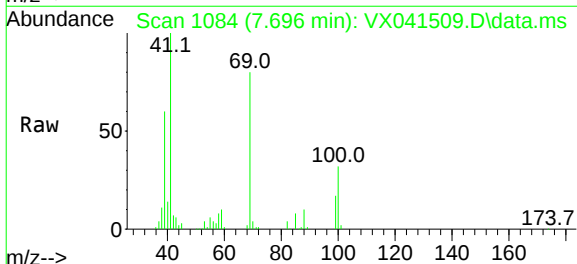
Manual Integrations
APPROVED

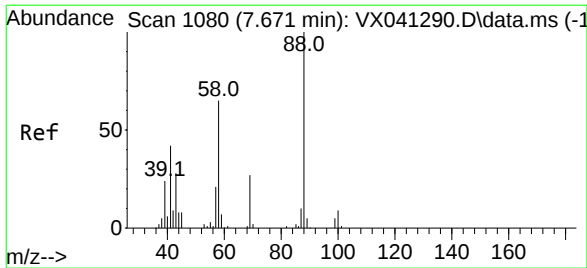
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#48
Methyl methacrylate
Concen: 21.676 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

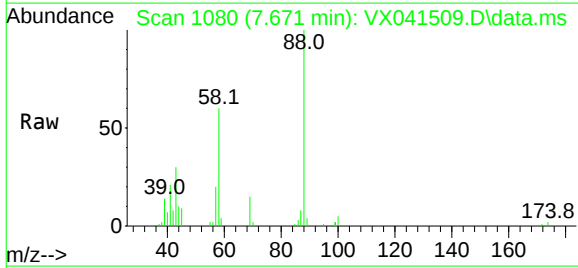
Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.7	59.2	88.8
39	60.2	47.7	71.5





#49
1,4-Dioxane
Concen: 435.236 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

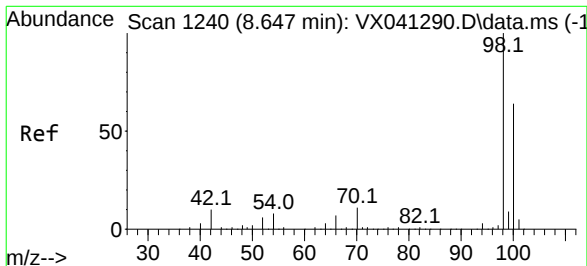
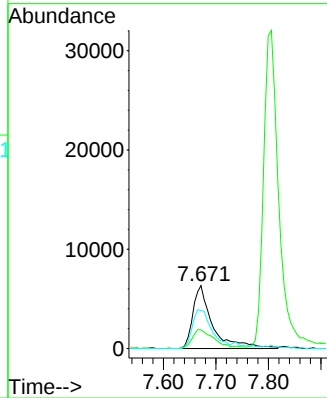
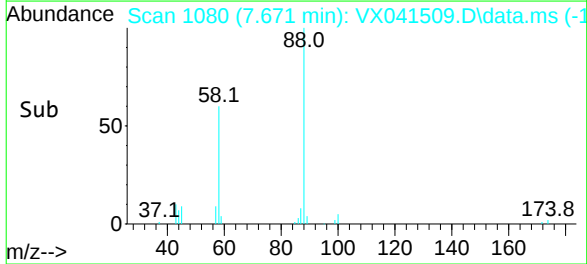
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



Tgt Ion: 88 Resp: 16411
Ion Ratio Lower Upper
88 100
43 32.7 0.0 0.0#
58 60.9 60.1 90.1

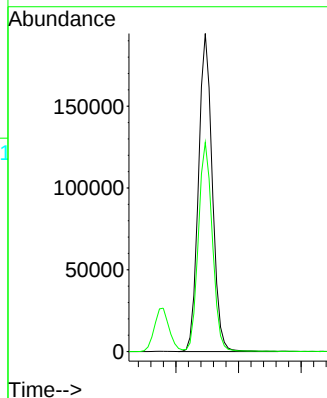
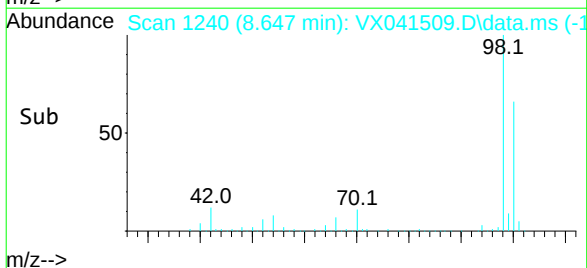
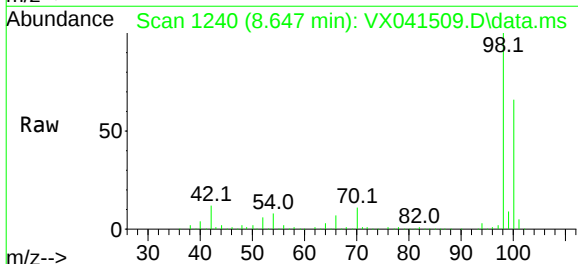
Manual Integrations
APPROVED

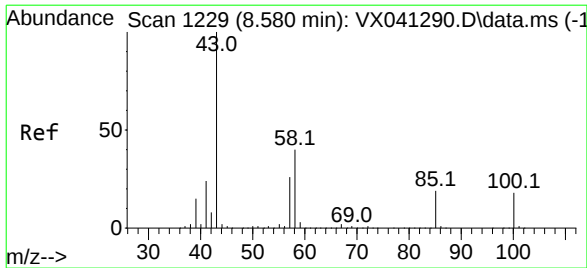
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#50
Toluene-d8
Concen: 55.569 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Tgt Ion: 98 Resp: 298281
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 113.983 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tgt Ion: 43 Resp: 260208

Ion Ratio Lower Upper

43 100

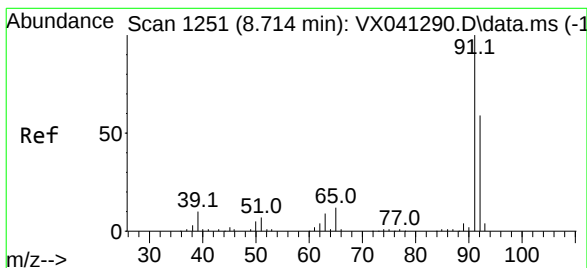
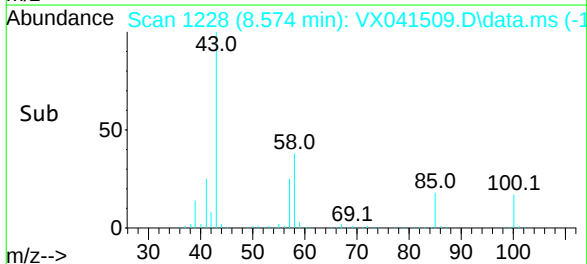
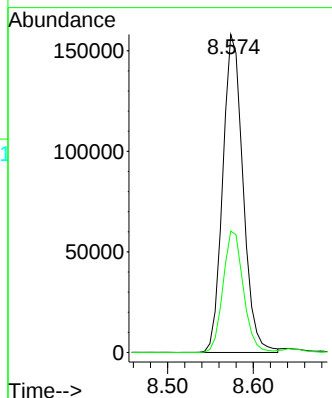
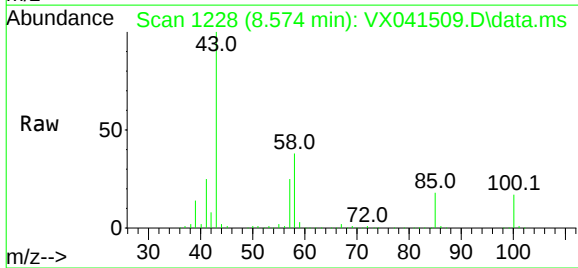
58 38.2 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#52

Toluene

Concen: 20.232 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX041509.D

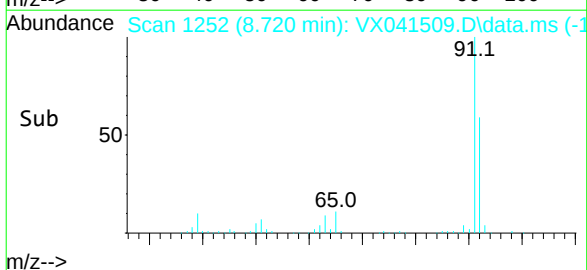
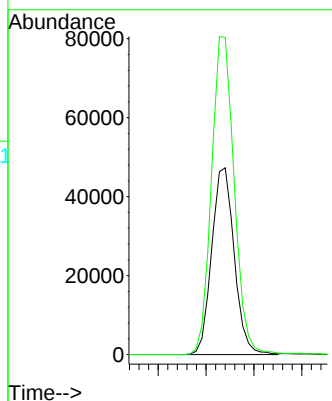
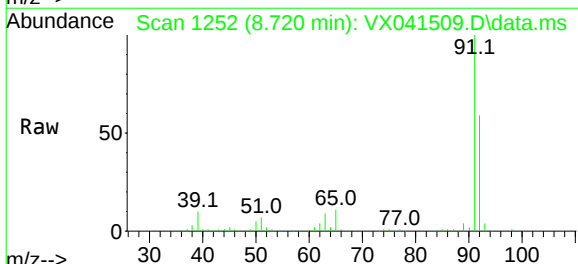
Acq: 14 May 2024 10:54

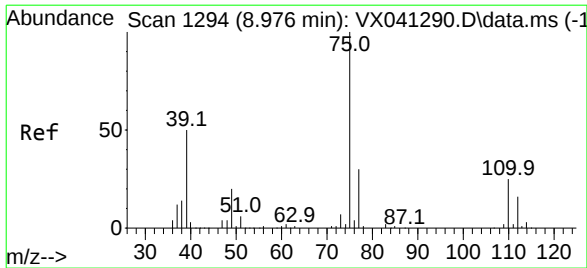
Tgt Ion: 92 Resp: 77372

Ion Ratio Lower Upper

92 100

91 171.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 19.120 ug/l

RT: 8.976 min Scan# 12

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tgt Ion: 75 Resp: 40389

Ion Ratio Lower Upper

75 100

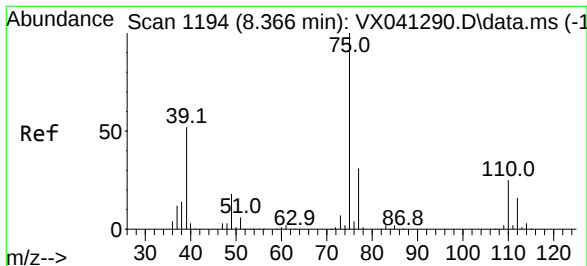
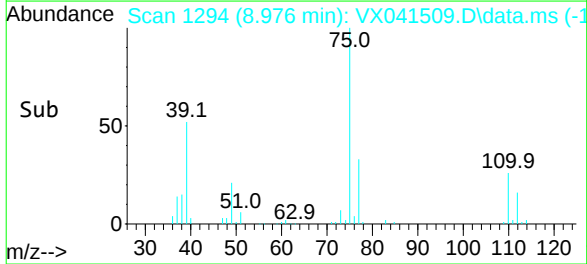
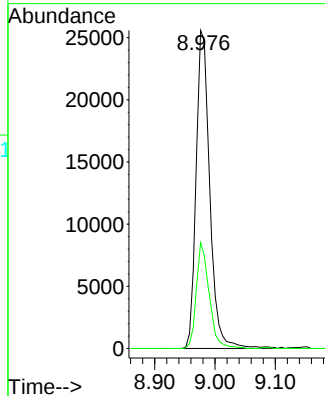
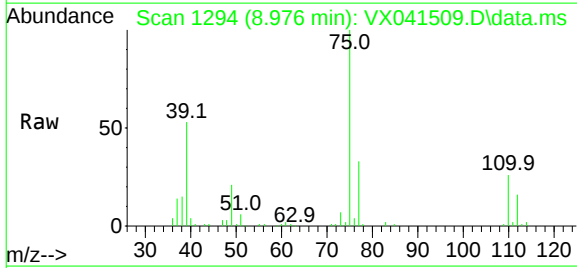
77 33.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#54

cis-1,3-Dichloropropene

Concen: 20.588 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

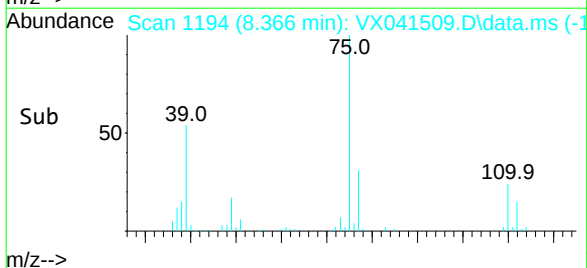
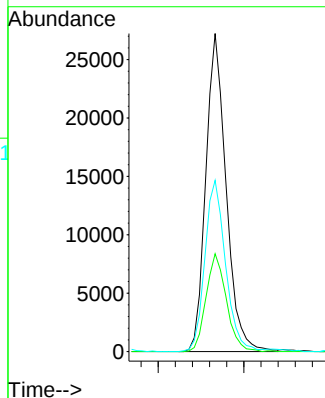
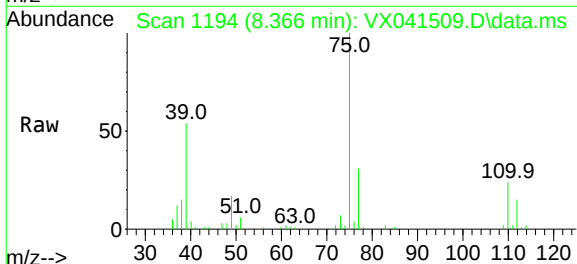
Tgt Ion: 75 Resp: 44847

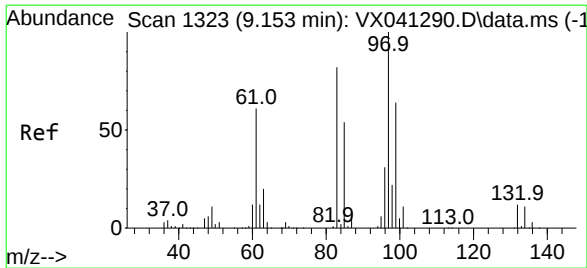
Ion Ratio Lower Upper

75 100

77 30.8 25.3 37.9

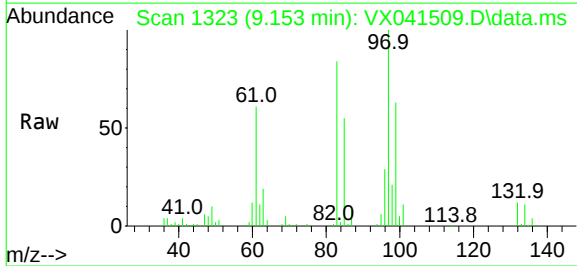
39 53.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 21.978 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

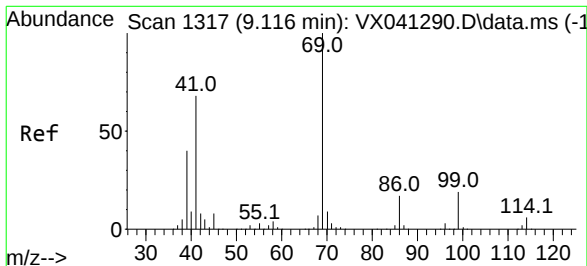
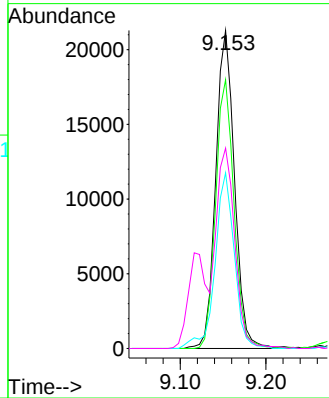
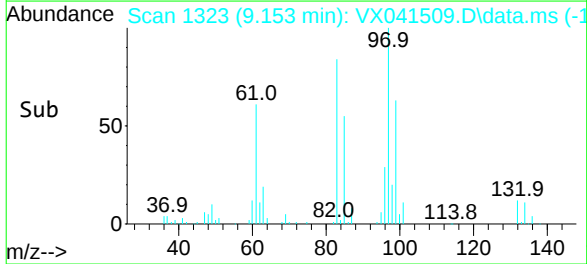
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



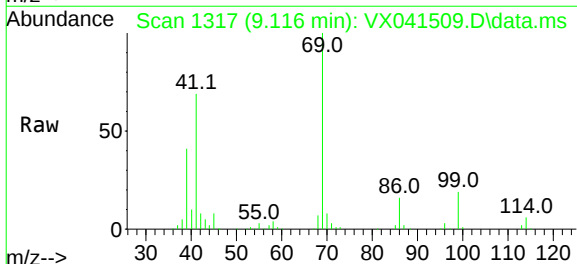
Tgt Ion:	97	Resp:	32368
Ion	Ratio	Lower	Upper
97	100		
83	84.5	65.8	98.8
85	55.2	41.6	62.4
99	62.4	47.8	71.8

Manual Integrations
APPROVED

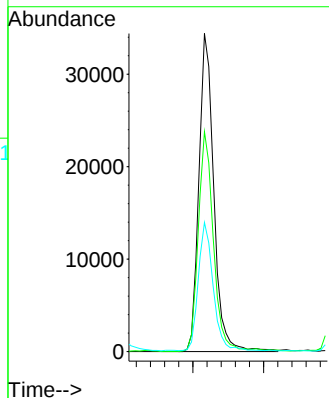
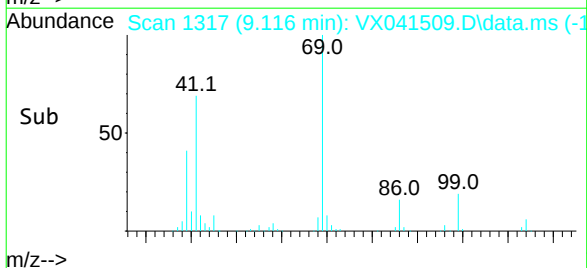
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

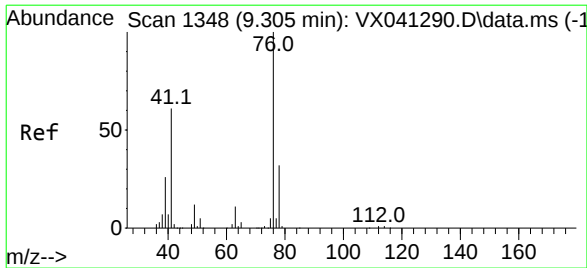


#56
Ethyl methacrylate
Concen: 22.121 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54



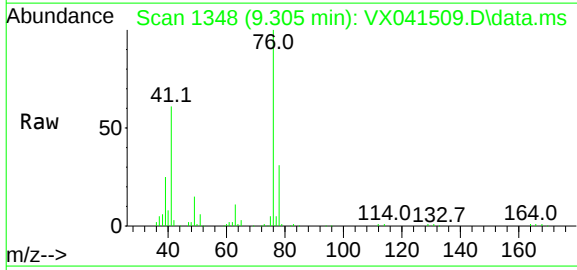
Tgt Ion:	69	Resp:	50420
Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.8	85.2
39	40.2	32.0	48.0





#57
1,3-Dichloropropane
Concen: 21.926 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

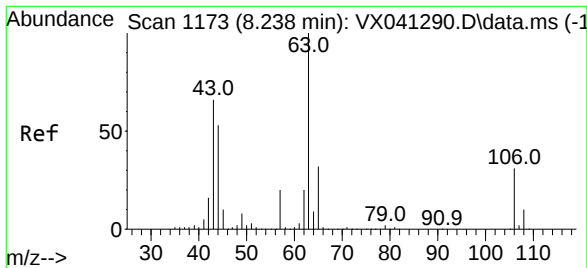
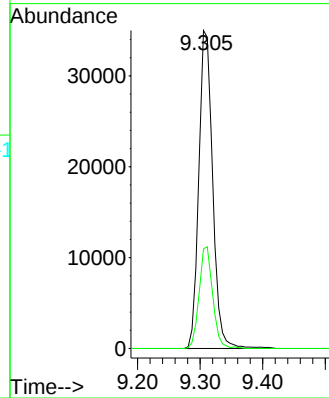
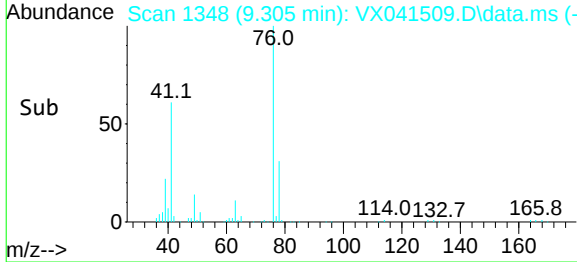
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



Tgt Ion: 76 Resp: 53893
Ion Ratio Lower Upper
76 100
78 31.3 26.1 39.1

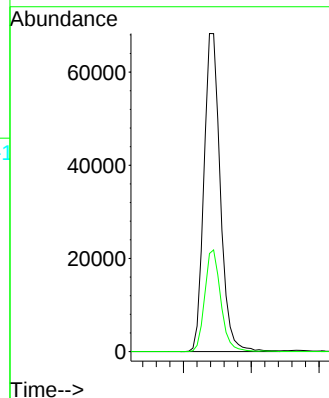
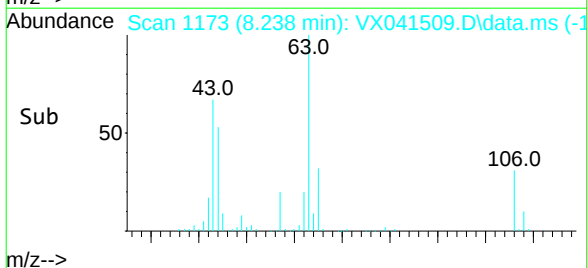
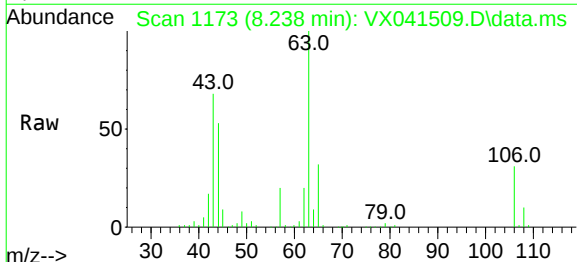
Manual Integrations
APPROVED

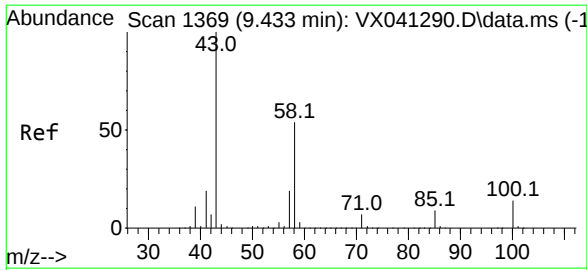
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 103.485 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Tgt Ion: 63 Resp: 114368
Ion Ratio Lower Upper
63 100
106 31.3 22.5 33.7





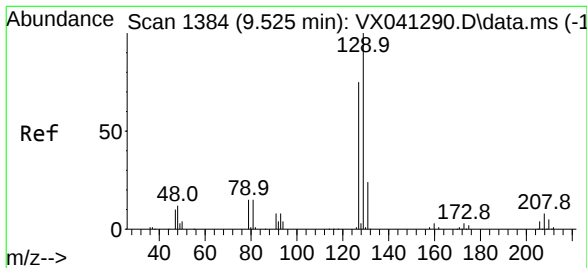
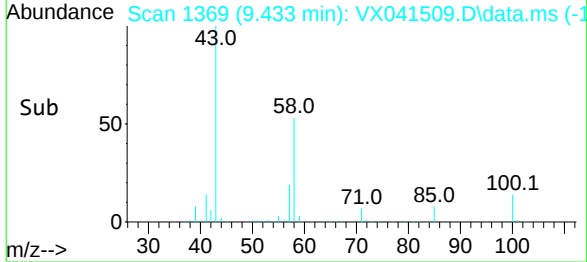
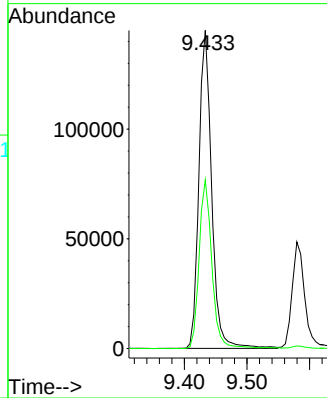
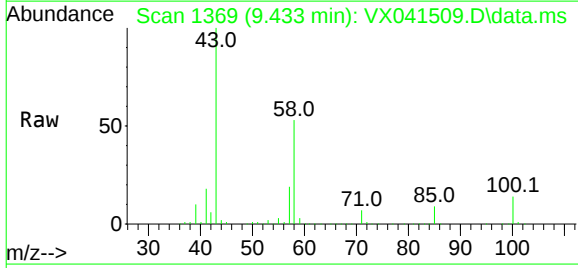
#59
2-Hexanone
Concen: 112.279 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tgt Ion: 43 Resp: 204961
Ion Ratio Lower Upper
43 100
58 52.8 26.2 78.5

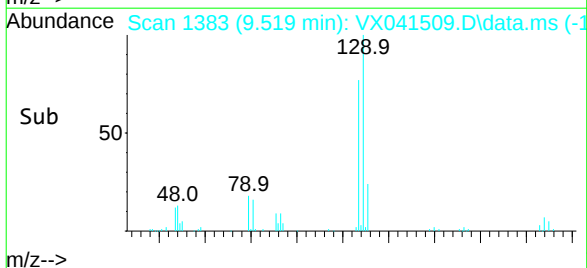
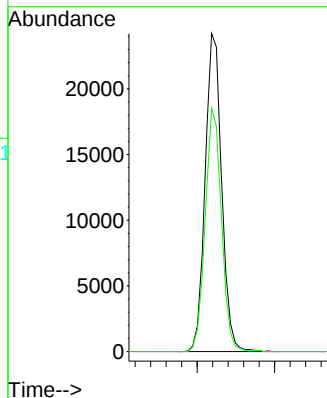
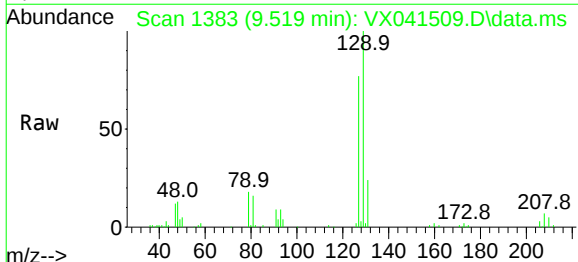
Manual Integrations
APPROVED

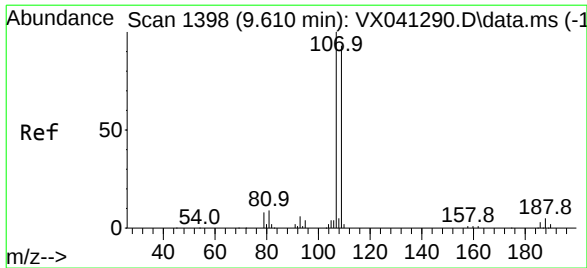
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#60
Dibromochloromethane
Concen: 20.630 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

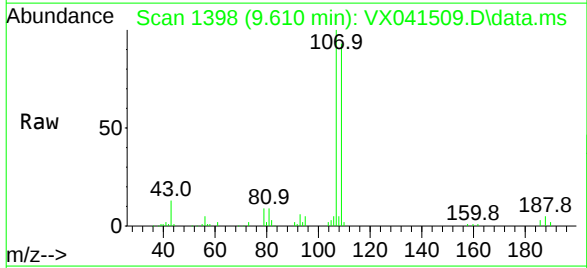
Tgt Ion:129 Resp: 35767
Ion Ratio Lower Upper
129 100
127 75.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.680 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

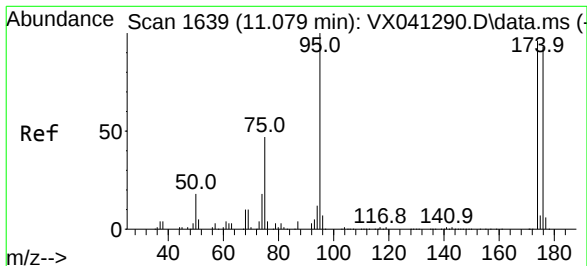
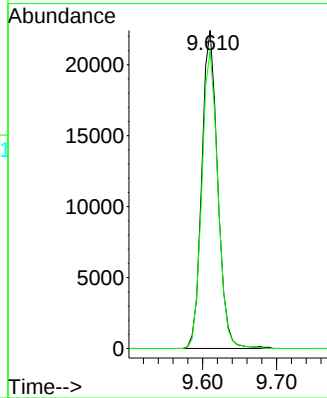
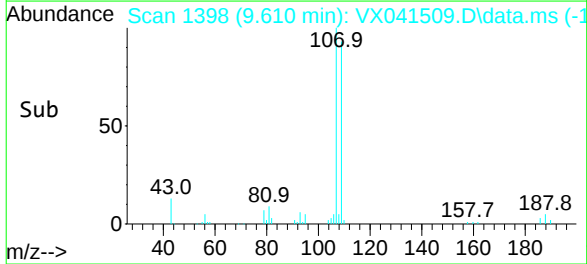
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



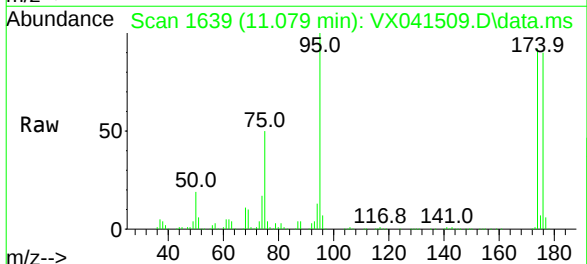
Tgt Ion: 107 Resp: 33506
Ion Ratio Lower Upper
107 100
109 94.7 75.2 112.8

Manual Integrations
APPROVED

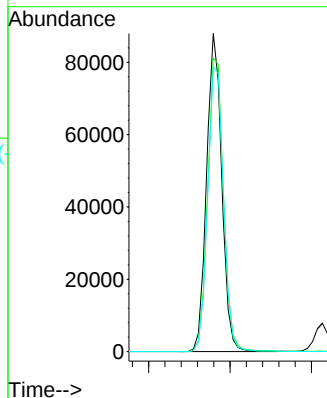
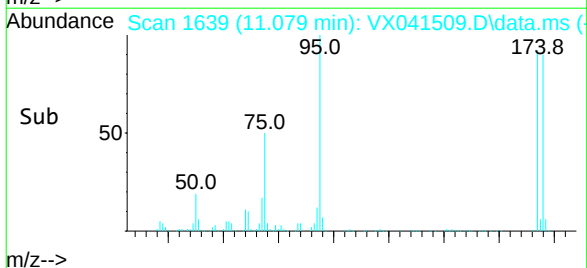
Reviewed By : John Carlone 05/15/2024
Supervised By : Mahesh Dadoda 05/15/2024

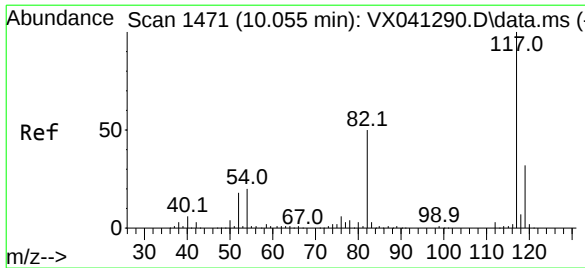


#62
4-Bromofluorobenzene
Concen: 54.715 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54



Tgt Ion: 95 Resp: 113692
Ion Ratio Lower Upper
95 100
174 96.4 0.0 135.6
176 93.2 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: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

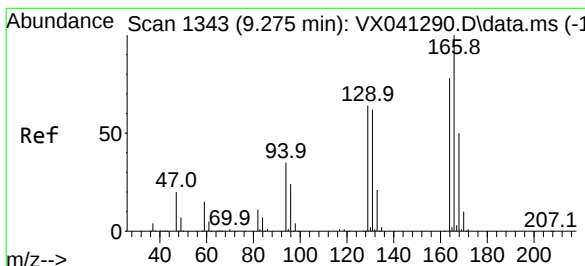
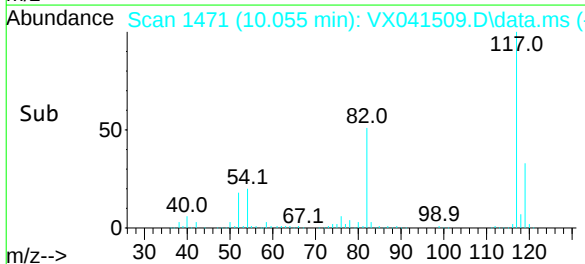
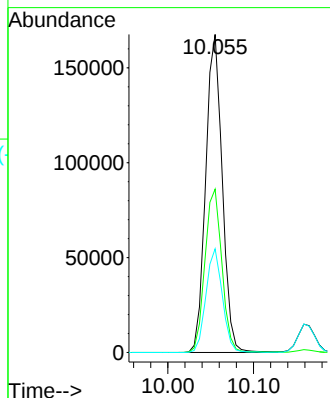
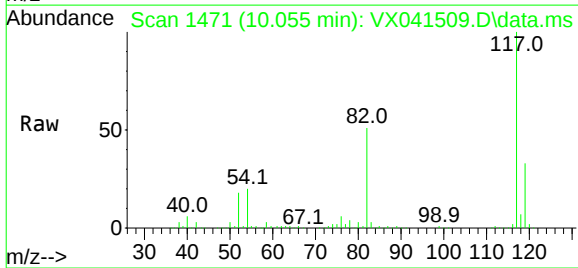
Tgt Ion:	117	Resp:	225120
Ion	Ratio	Lower	Upper
117	100		
82	51.4	46.2	69.4
119	32.6	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#64

Tetrachloroethene

Concen: 19.367 ug/l

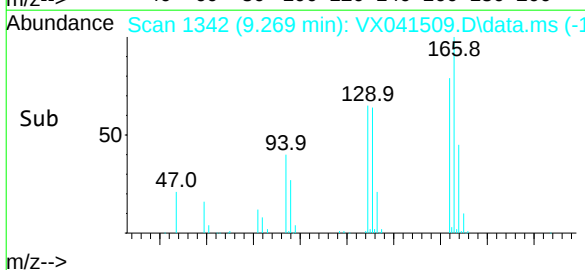
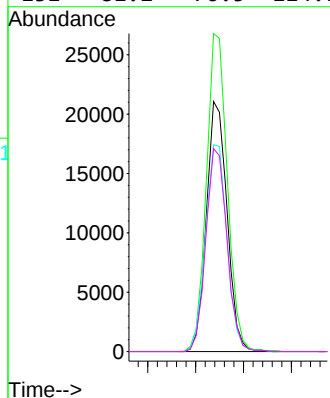
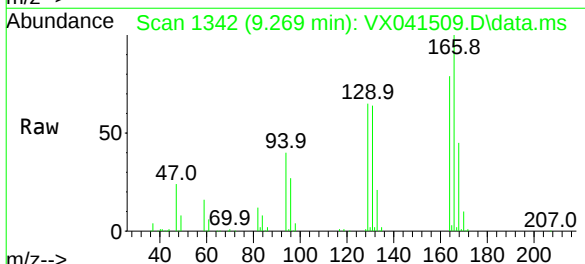
RT: 9.269 min Scan# 1342

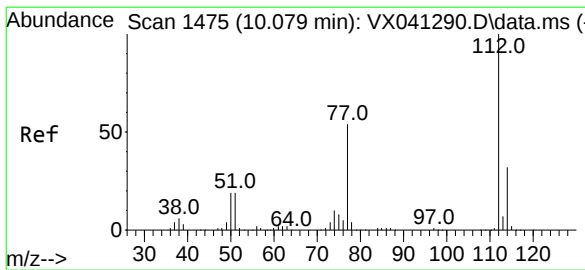
Delta R.T. -0.006 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Tgt Ion:	164	Resp:	31571
Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.7	154.1
129	82.7	80.4	120.6
131	81.2	76.5	114.7





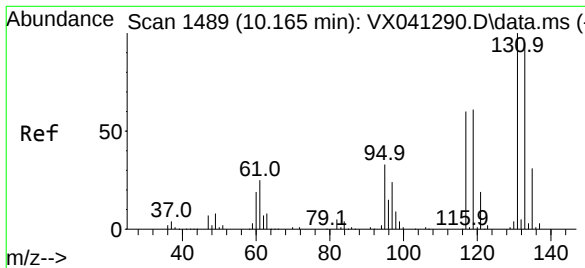
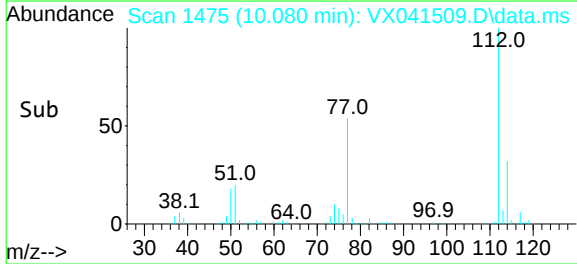
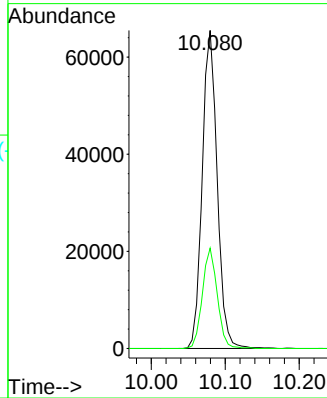
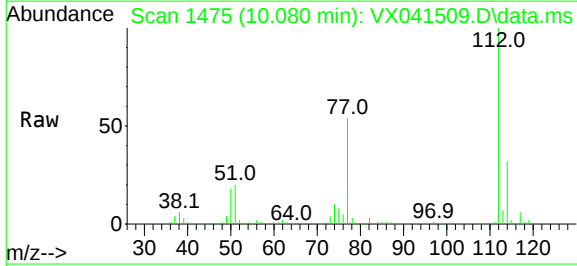
#65
Chlorobenzene
Concen: 20.110 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tgt Ion:112 Resp: 91902
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

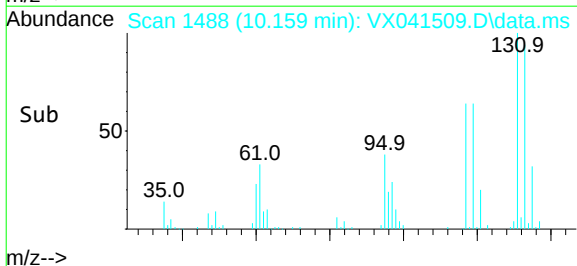
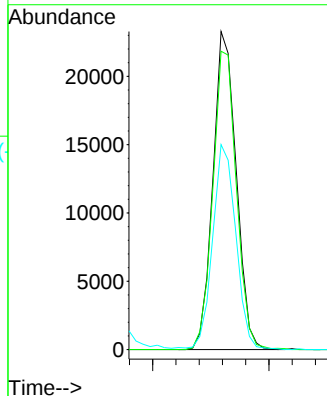
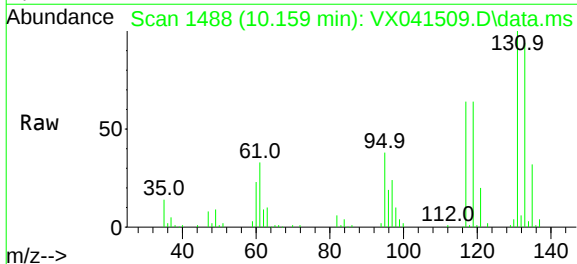
Manual Integrations
APPROVED

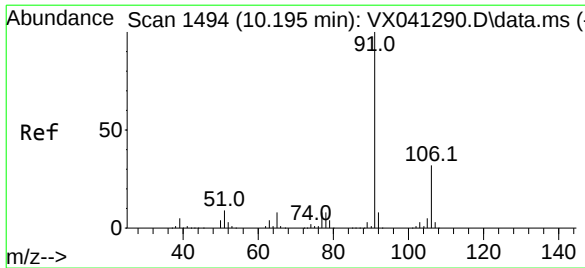
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.002 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

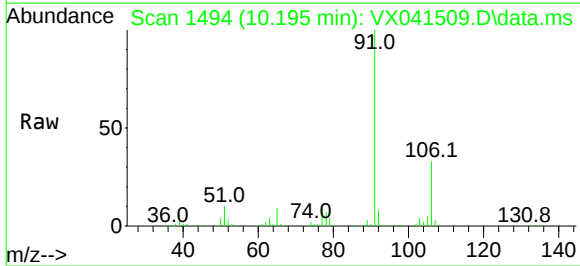
Tgt Ion:131 Resp: 32298
Ion Ratio Lower Upper
131 100
133 95.4 47.1 141.4
119 64.7 32.2 96.6





#67
Ethyl Benzene
Concen: 19.577 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

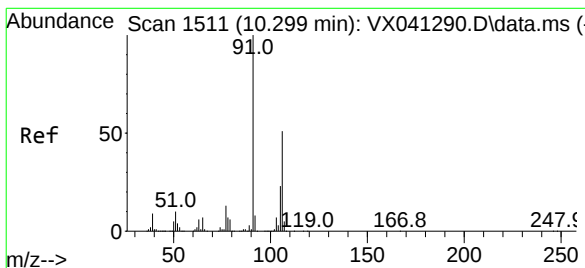
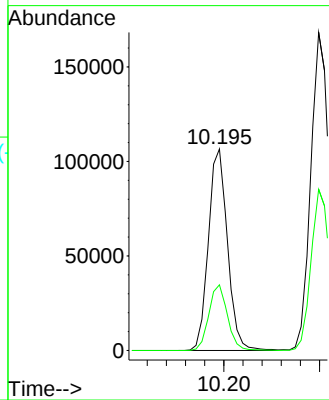
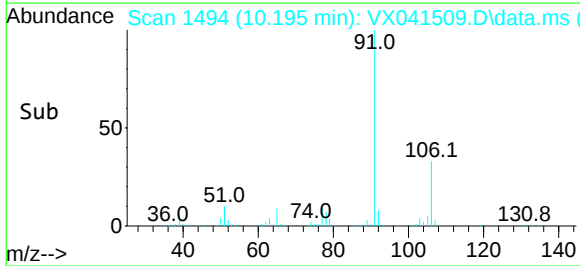
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



Tgt Ion: 91 Resp: 147607
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

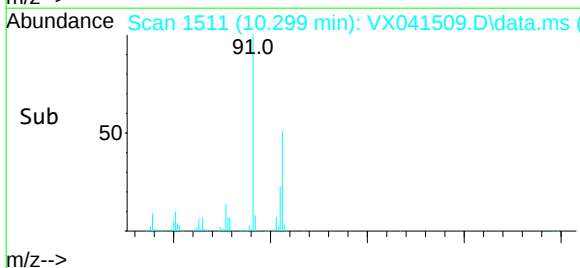
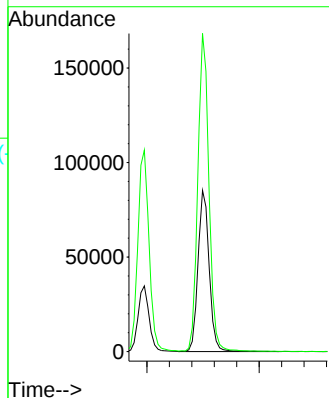
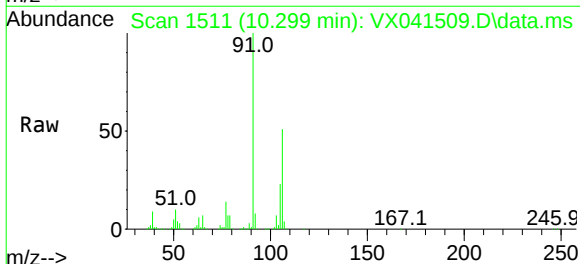
Manual Integrations
APPROVED

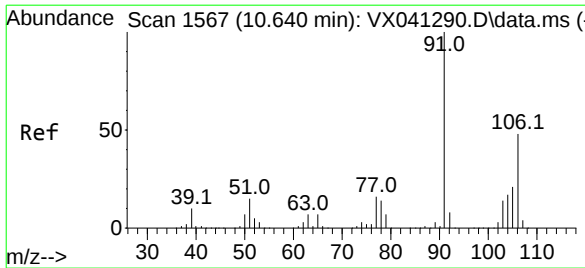
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#68
m/p-Xylenes
Concen: 38.947 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Tgt Ion:106 Resp: 117596
Ion Ratio Lower Upper
106 100
91 197.2 165.5 248.3





#69

o-Xylene

Concen: 20.285 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tgt Ion:106 Resp: 58644

Ion Ratio Lower Upper

106 100

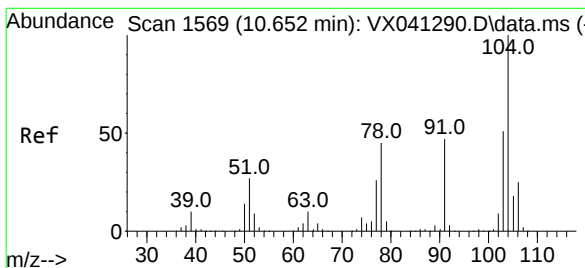
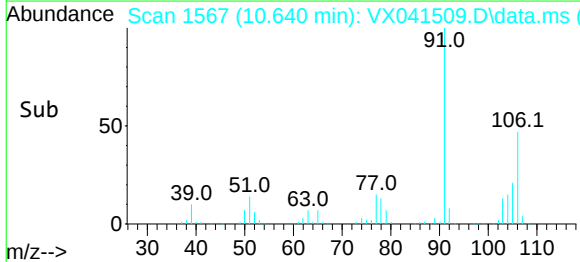
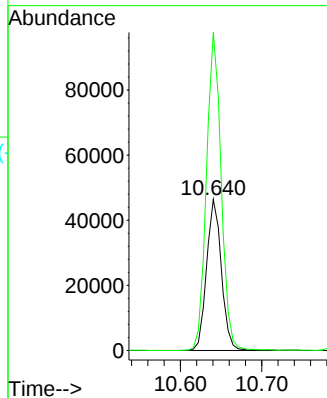
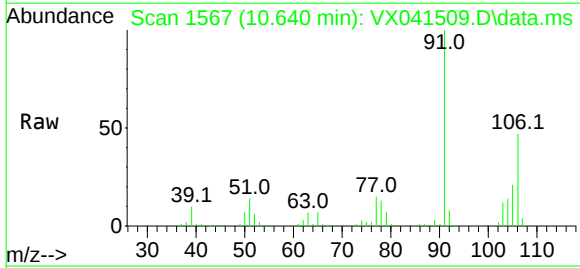
91 209.3 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#70

Styrene

Concen: 20.341 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.006 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

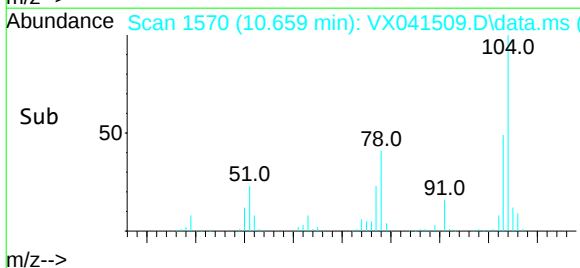
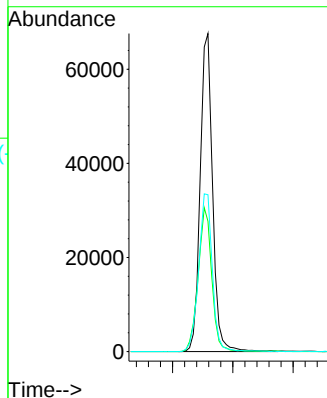
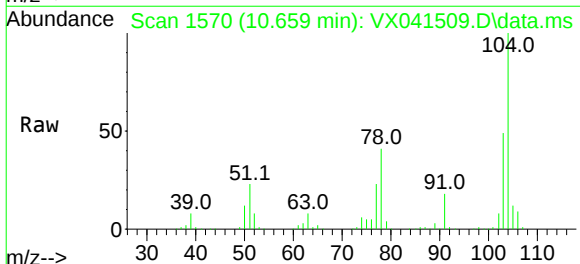
Tgt Ion:104 Resp: 96496

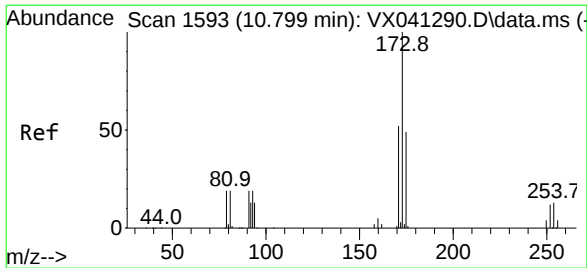
Ion Ratio Lower Upper

104 100

78 49.6 43.6 65.4

103 54.9 43.6 65.4





#71

Bromoform

Concen: 19.538 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

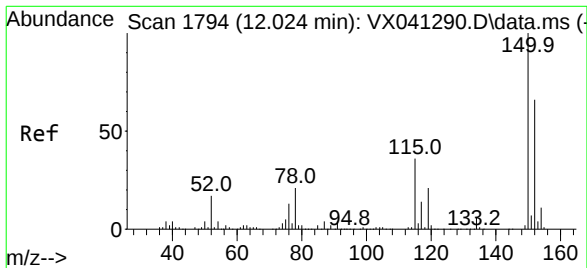
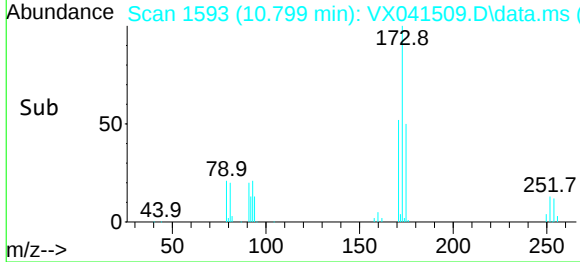
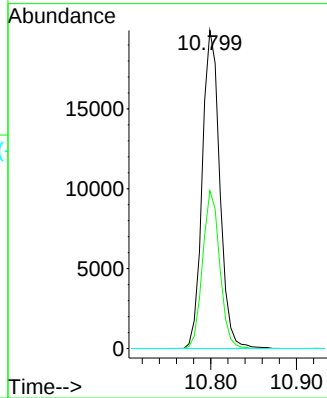
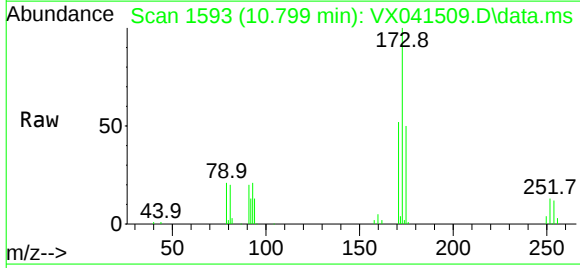
Tgt Ion:	173	Resp:	28235
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.1	72.4
254	0.0	0.0	0.0

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

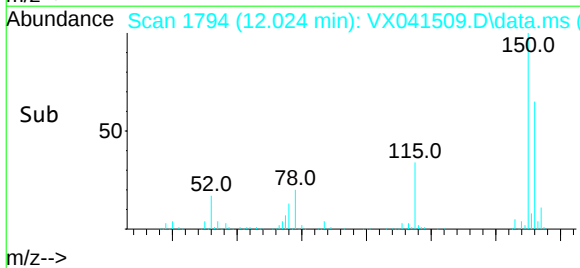
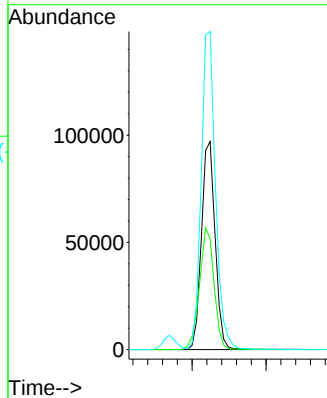
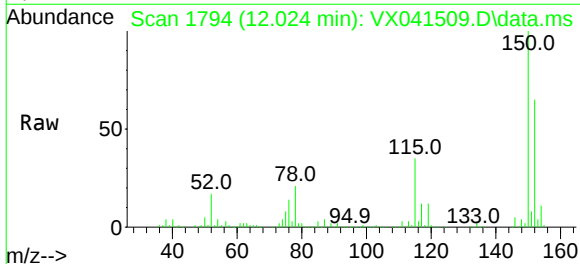
RT: 12.024 min Scan# 1794

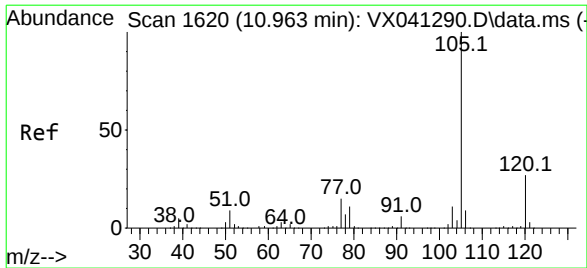
Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Tgt Ion:	152	Resp:	124725
Ion Ratio	Lower	Upper	
152	100		
115	62.2	43.3	129.9
150	158.9	0.0	345.0





#73

Isopropylbenzene

Concen: 20.112 ug/l

RT: 10.964 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

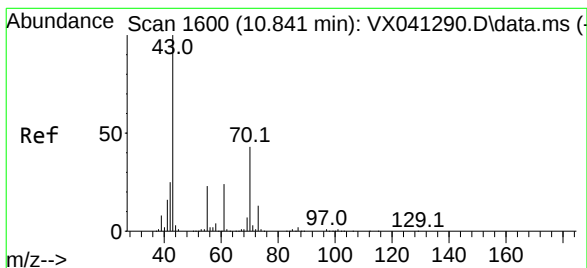
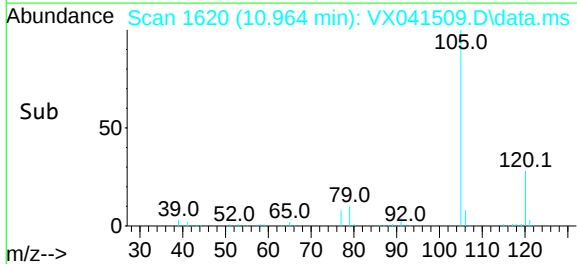
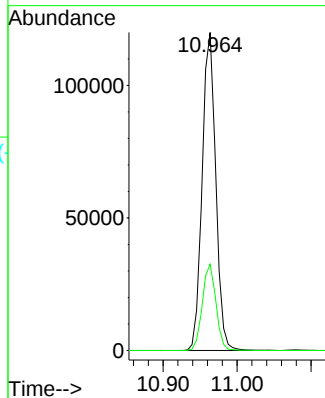
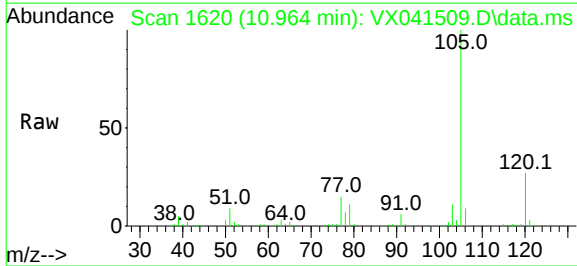
Tgt Ion:105 Resp: 153125
 Ion Ratio Lower Upper
 105 100
 120 27.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#74

N-ethyl acetate

Concen: 19.888 ug/l

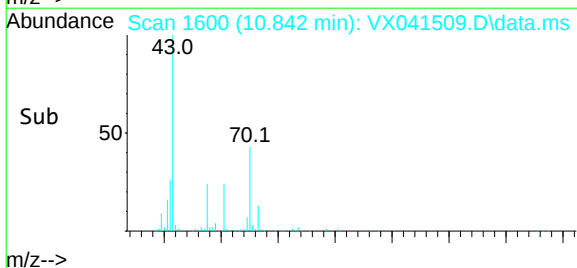
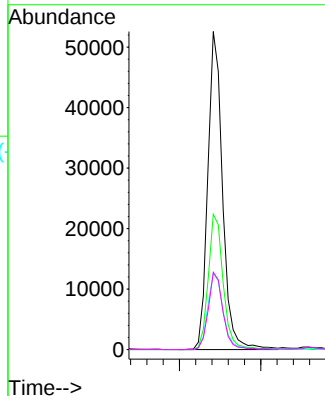
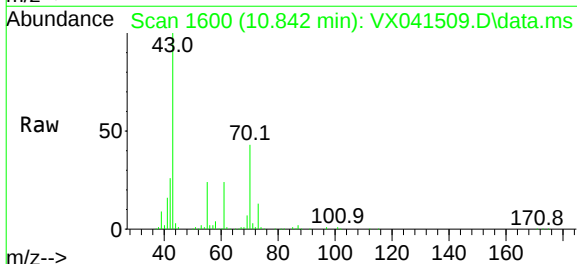
RT: 10.842 min Scan# 1600

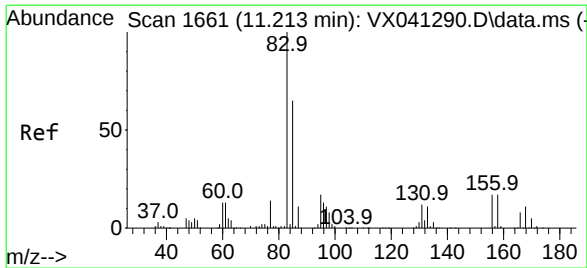
Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Tgt Ion: 43 Resp: 66151
 Ion Ratio Lower Upper
 43 100
 70 42.9 32.9 49.3
 55 25.3 19.3 28.9
 61 24.2 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.433 ug/l

RT: 11.214 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

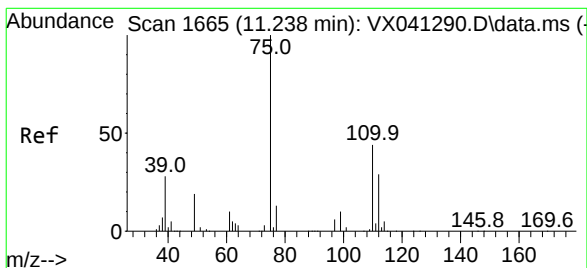
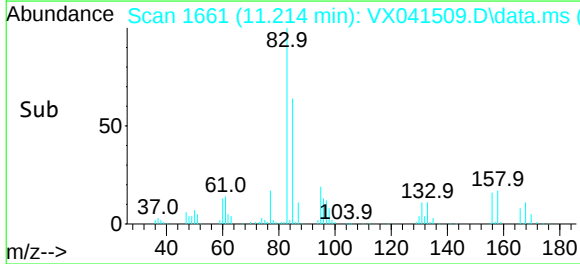
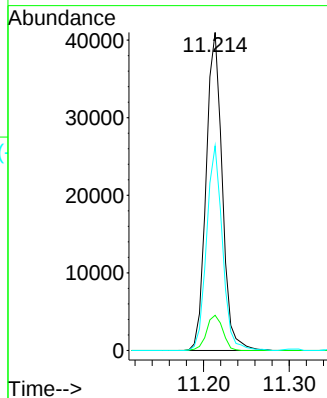
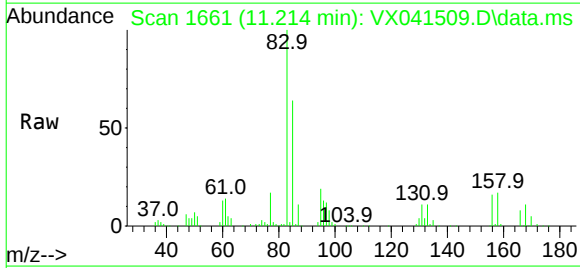
Tgt Ion:	83	Resp:	53471
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.3	15.8
85	63.5	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#76

1,2,3-Trichloropropane

Concen: 20.719 ug/l m

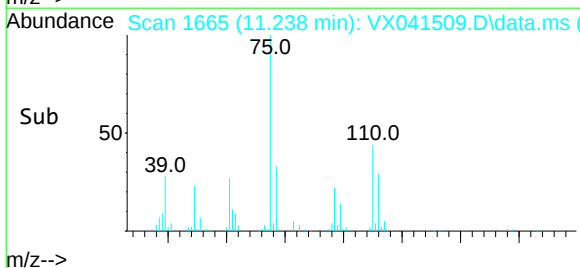
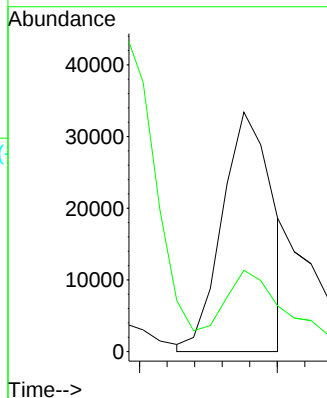
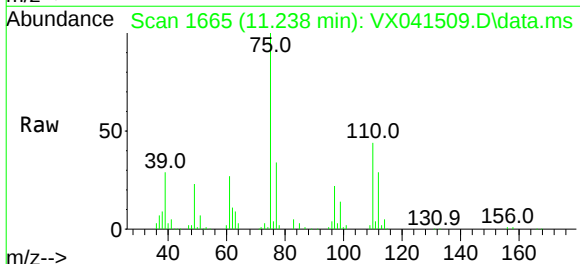
RT: 11.238 min Scan# 1665

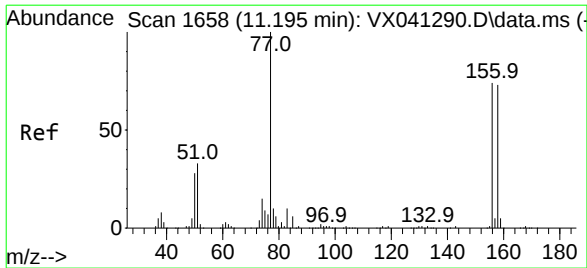
Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

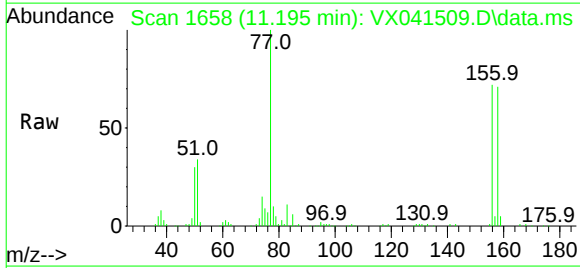
Tgt Ion:	75	Resp:	42114
Ion	Ratio	Lower	Upper
75	100		
77	44.9	19.1	57.5





#77
Bromobenzene
Concen: 20.122 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

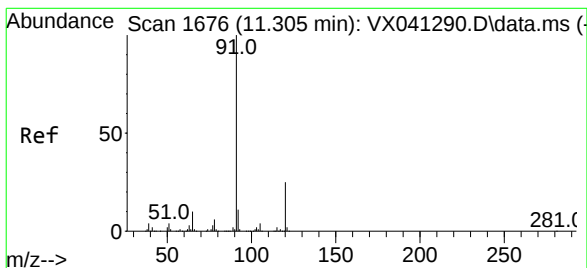
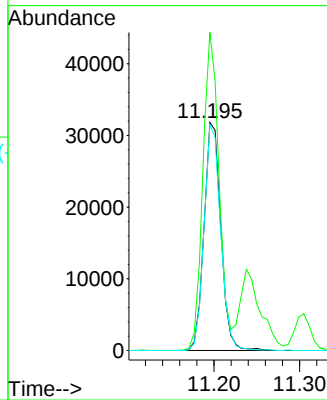
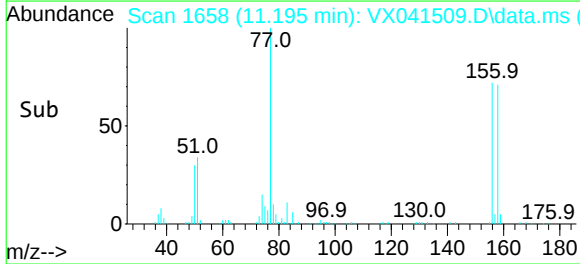
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



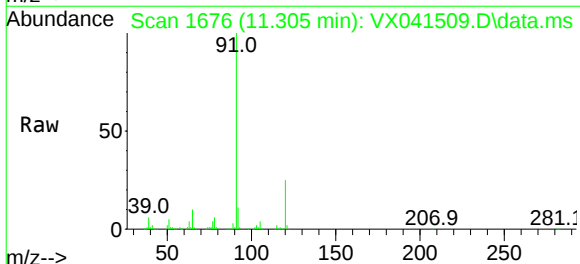
Tgt Ion: 156 Resp: 43239
Ion Ratio Lower Upper
156 100
77 134.2 88.4 265.3
158 97.7 48.0 144.0

Manual Integrations
APPROVED

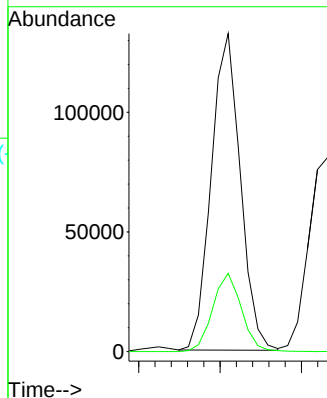
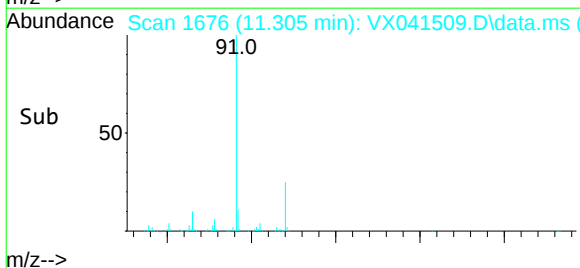
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

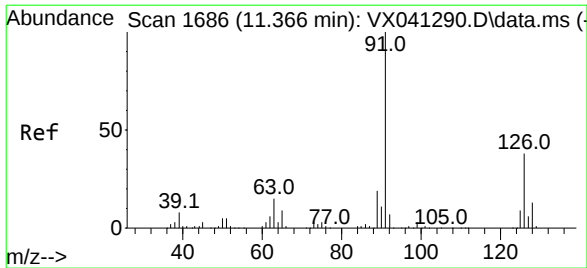


#78
n-propylbenzene
Concen: 20.570 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54



Tgt Ion: 91 Resp: 164485
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.339 ug/l

RT: 11.366 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tgt Ion: 91 Resp: 104807

Ion Ratio Lower Upper

91 100

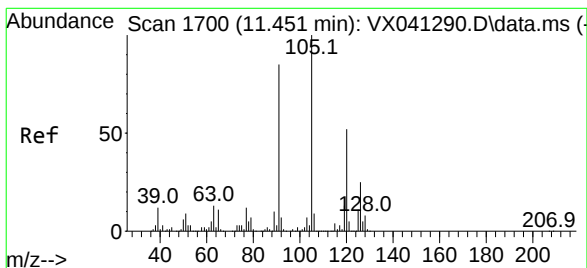
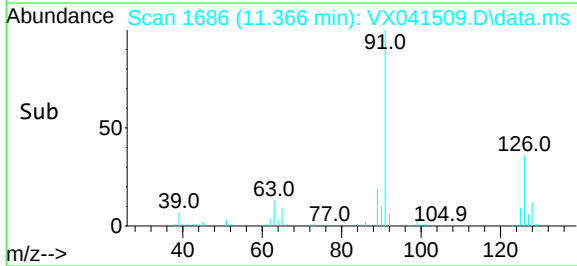
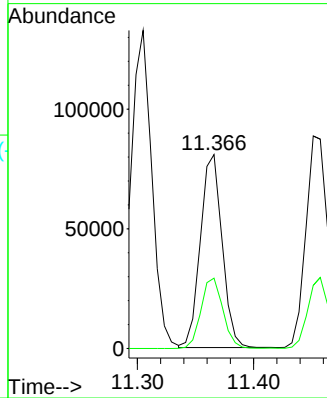
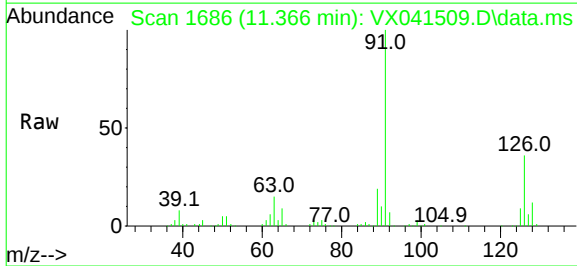
126 36.8 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#80

1,3,5-Trimethylbenzene

Concen: 20.268 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041509.D

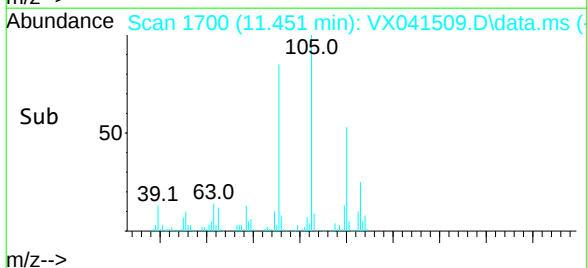
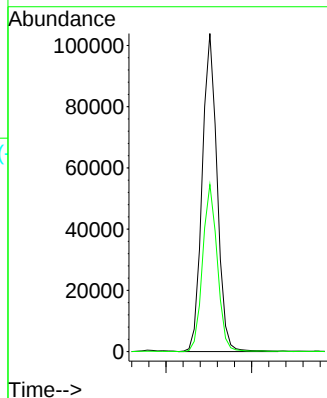
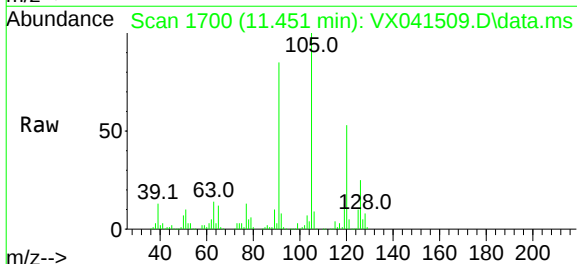
Acq: 14 May 2024 10:54

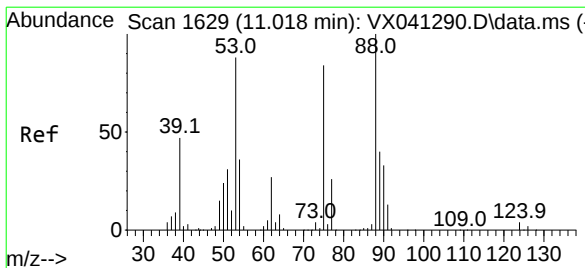
Tgt Ion:105 Resp: 125790

Ion Ratio Lower Upper

105 100

120 51.7 24.1 72.3





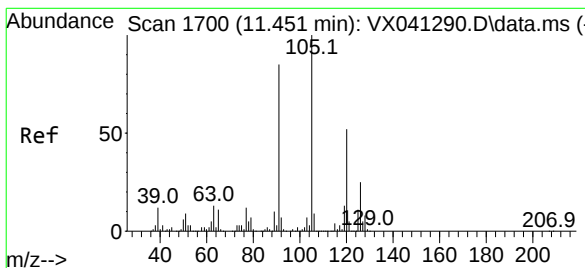
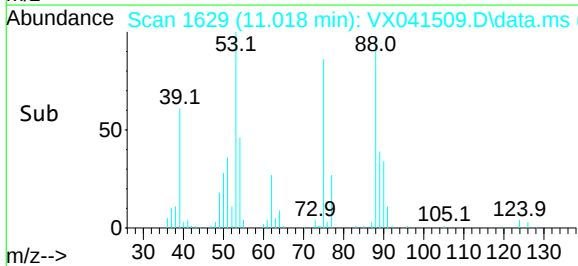
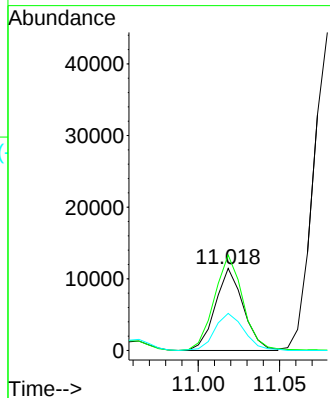
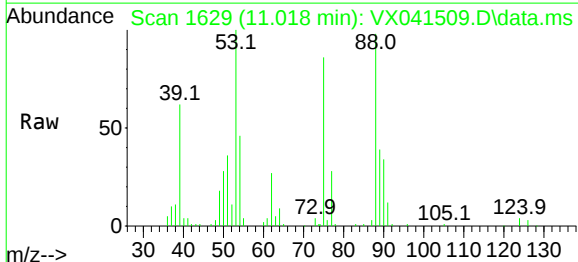
#81
trans-1,4-Dichloro-2-butene
Concen: 18.457 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Tgt Ion: 75 Resp: 13773
Ion Ratio Lower Upper
75 100
53 119.0 90.5 135.7
89 47.2 36.9 55.3

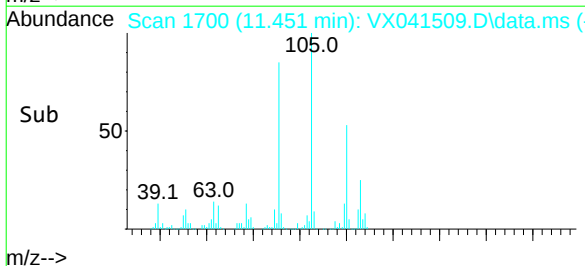
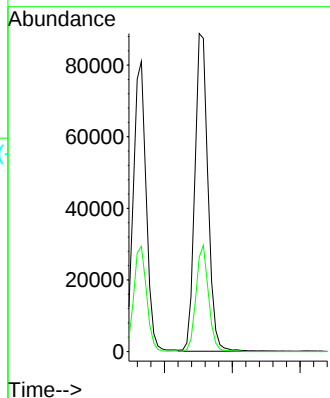
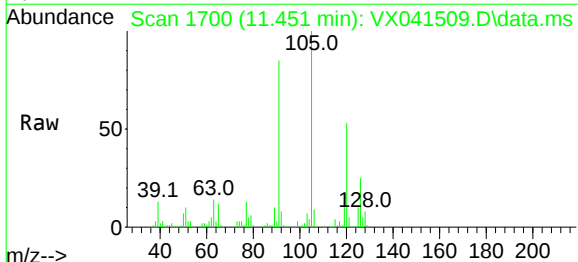
Manual Integrations
APPROVED

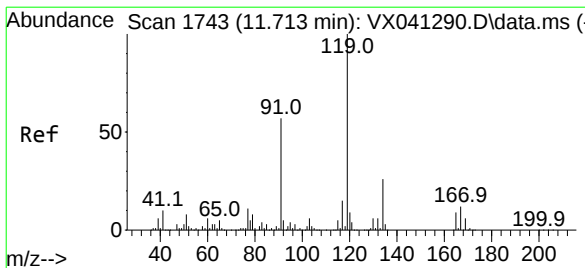
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#82
4-Chlorotoluene
Concen: 20.368 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Tgt Ion: 91 Resp: 119152
Ion Ratio Lower Upper
91 100
126 31.9 14.2 42.6





#83

tert-Butylbenzene

Concen: 20.762 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

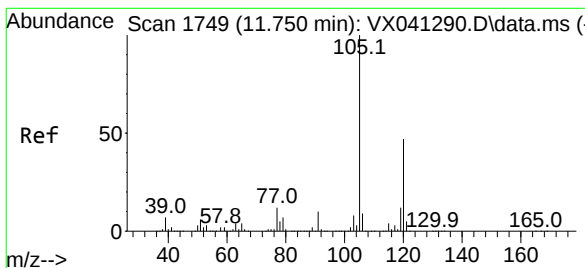
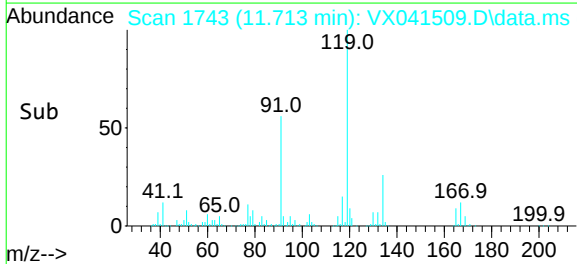
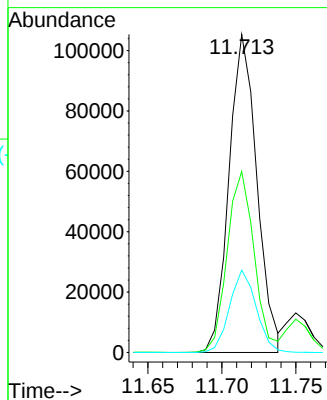
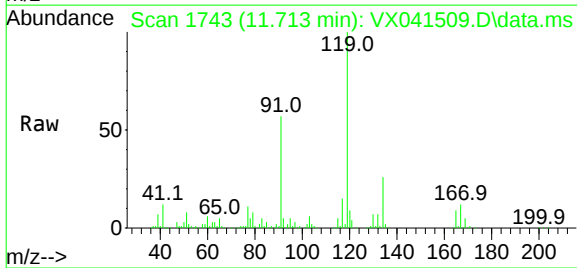
Tgt Ion:	119	Resp:	137987
Ion Ratio	Lower	Upper	
119	100		
91	55.3	31.2	93.6
134	24.8	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#84

1,2,4-Trimethylbenzene

Concen: 20.587 ug/l

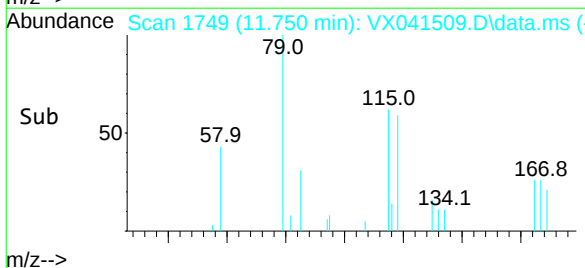
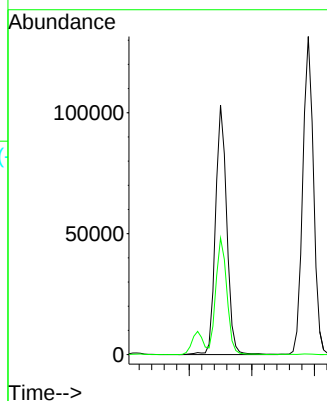
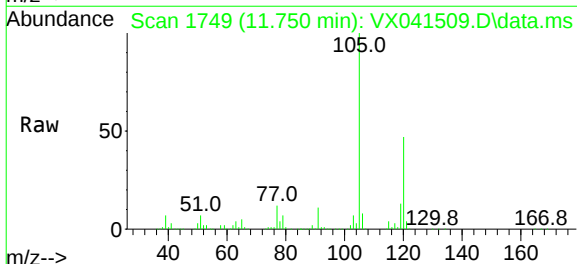
RT: 11.750 min Scan# 1749

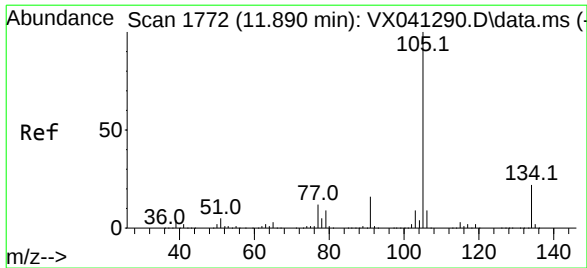
Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Tgt Ion:	105	Resp:	128562
Ion Ratio	Lower	Upper	
105	100		
120	45.7	21.2	63.6





#85

sec-Butylbenzene

Concen: 20.665 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tgt Ion:105 Resp: 157398

Ion Ratio Lower Upper

105 100

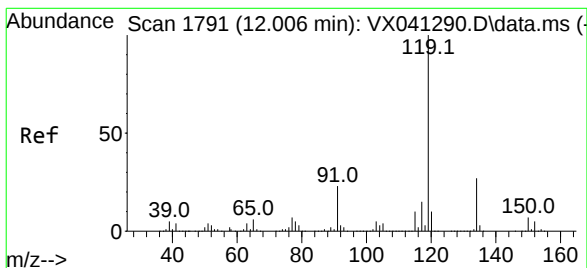
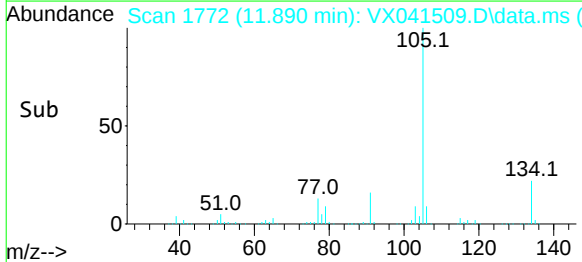
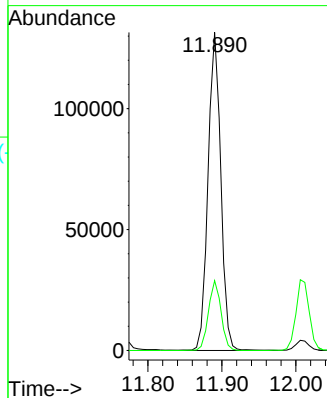
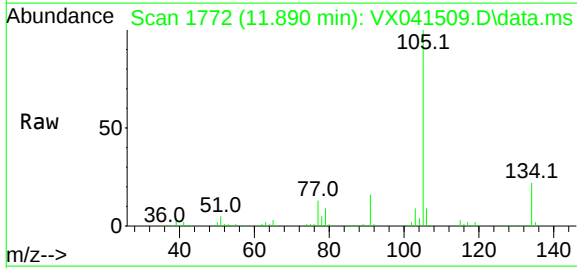
134 21.6 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#86

p-Isopropyltoluene

Concen: 19.936 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

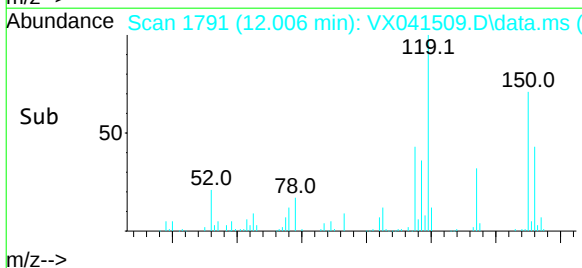
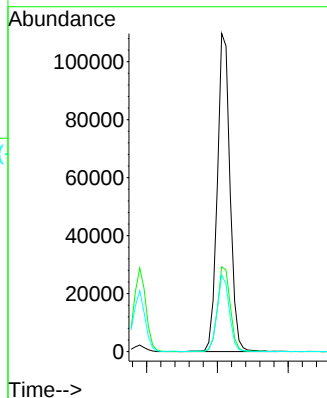
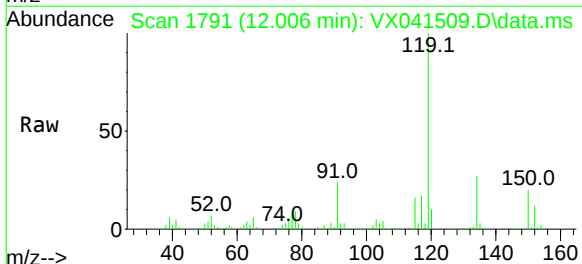
Tgt Ion:119 Resp: 136371

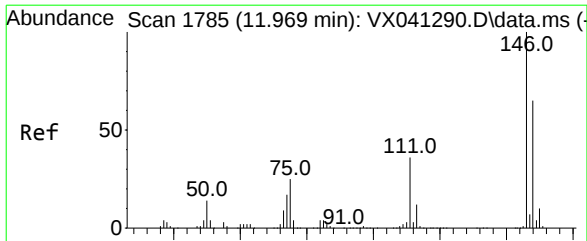
Ion Ratio Lower Upper

119 100

134 26.8 12.8 38.3

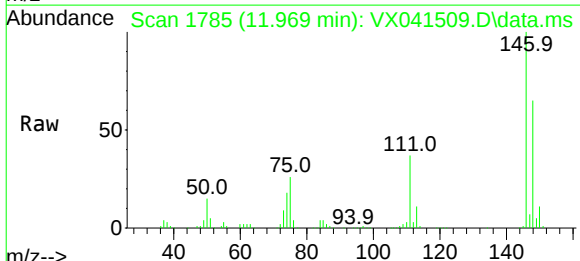
91 23.2 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 19.806 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

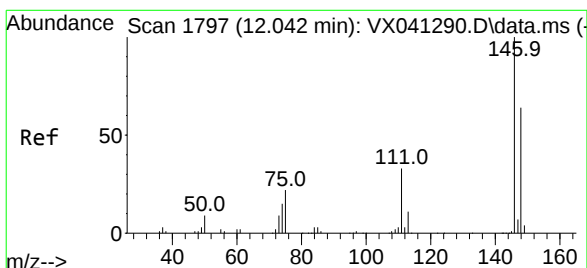
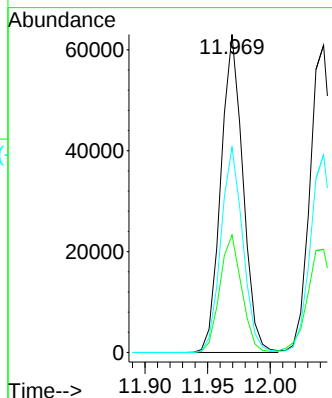
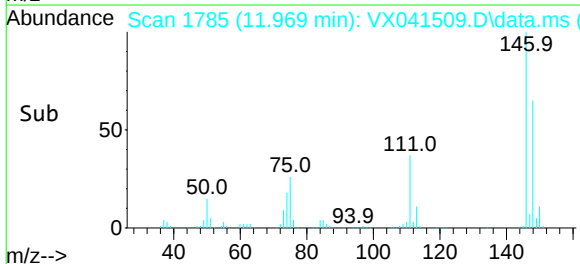
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



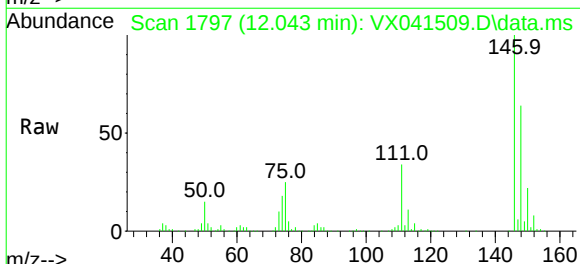
Tgt Ion:146 Resp: 77358
Ion Ratio Lower Upper
146 100
111 36.8 22.1 66.1
148 64.2 31.8 95.3

Manual Integrations
APPROVED

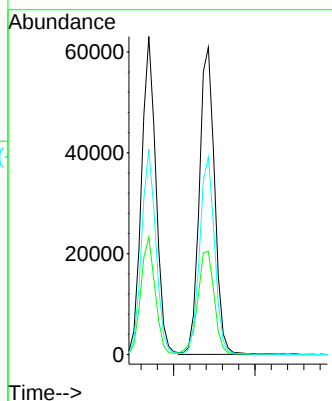
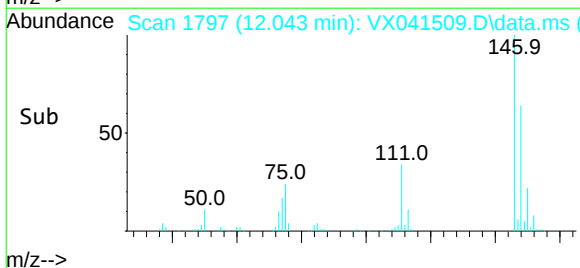
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024

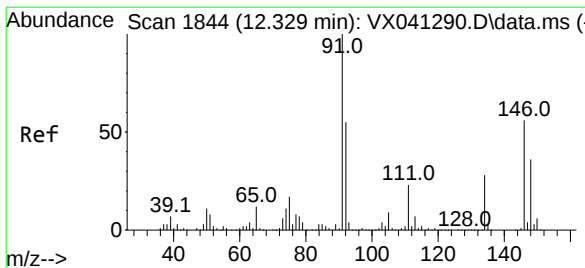


#88
1,4-Dichlorobenzene
Concen: 19.724 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54



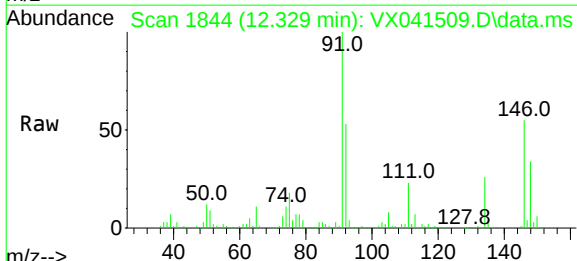
Tgt Ion:146 Resp: 79371
Ion Ratio Lower Upper
146 100
111 36.6 21.3 63.7
148 63.4 31.8 95.4





#89
n-Butylbenzene
Concen: 19.272 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

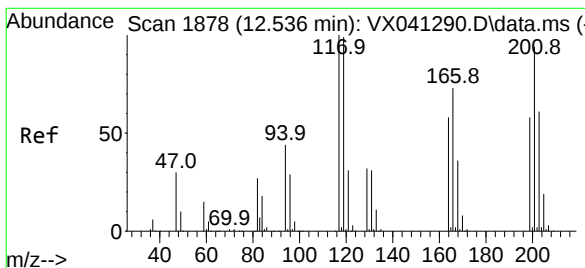
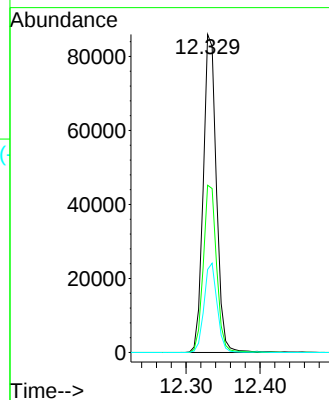
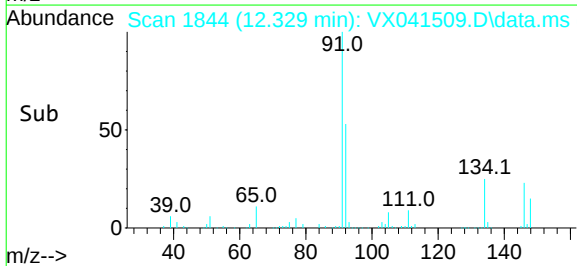
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01



Tgt Ion: 91 Resp: 106007
Ion Ratio Lower Upper
91 100
92 53.2 27.4 82.0
134 27.9 12.6 37.8

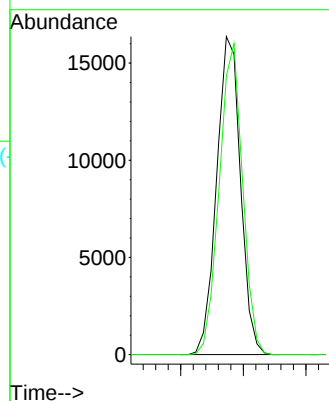
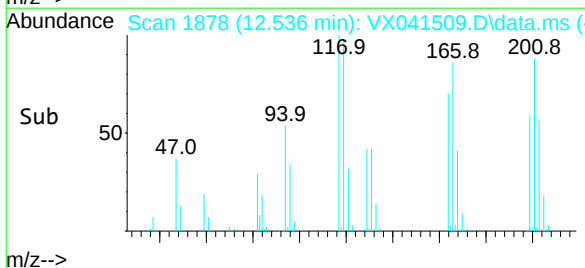
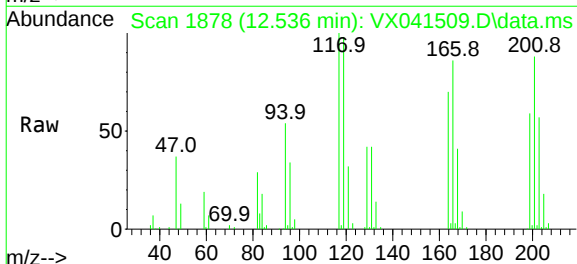
Manual Integrations
APPROVED

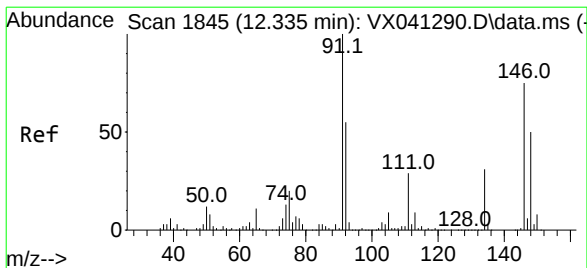
Reviewed By :John Carlone 05/15/2024
Supervised By :Mahesh Dadoda 05/15/2024



#90
Hexachloroethane
Concen: 18.929 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX041509.D
Acq: 14 May 2024 10:54

Tgt Ion:117 Resp: 21654
Ion Ratio Lower Upper
117 100
201 95.6 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 19.602 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

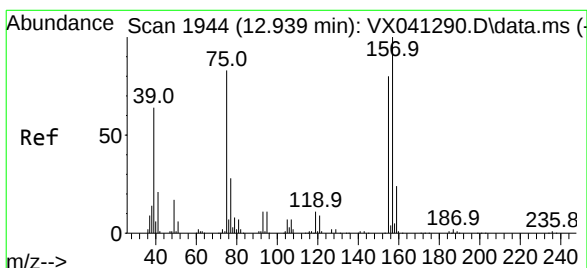
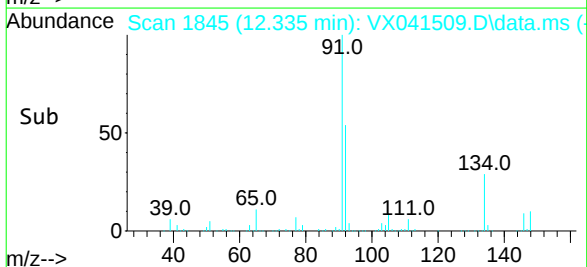
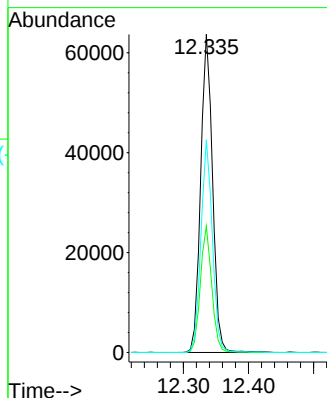
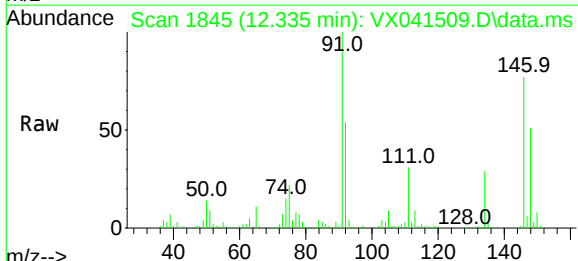
Tgt Ion:	146	Resp:	80867
Ion Ratio	Lower	Upper	
146	100		
111	38.1	22.4	67.0
148	64.6	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.718 ug/l

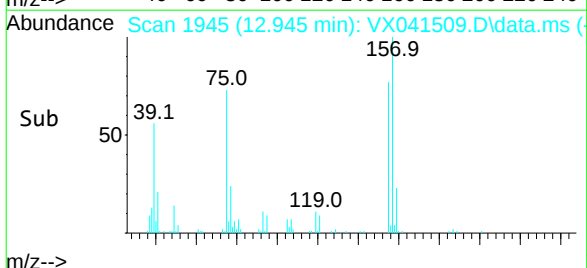
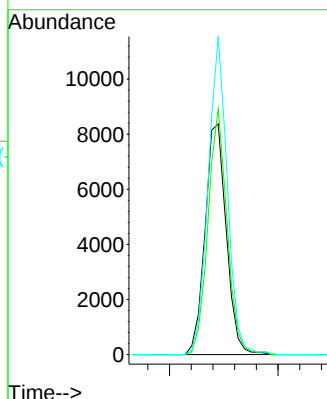
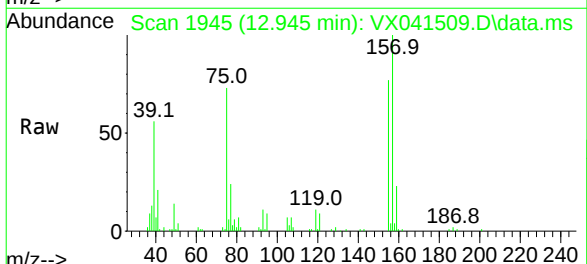
RT: 12.945 min Scan# 1945

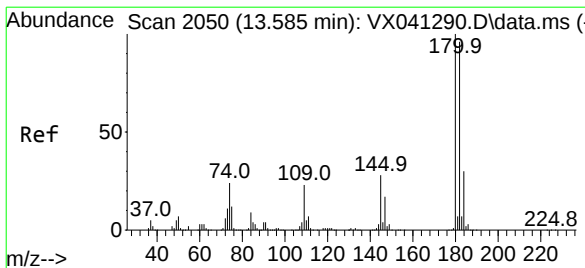
Delta R.T. 0.006 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Tgt Ion:	75	Resp:	11367
Ion Ratio	Lower	Upper	
75	100		
155	96.1	36.1	108.5
157	124.7	44.9	134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.435 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

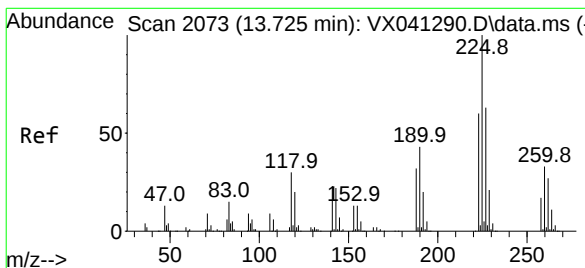
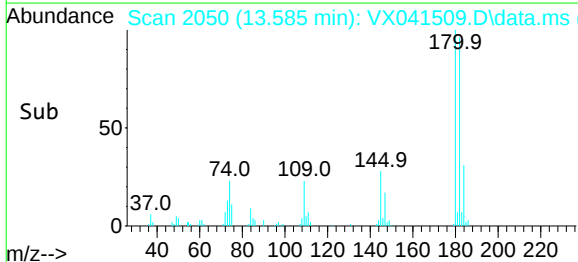
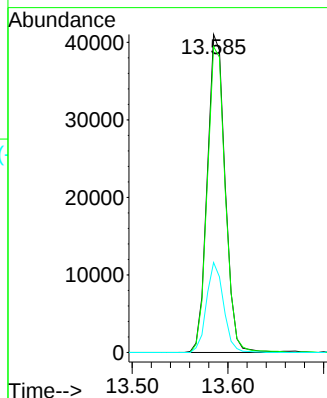
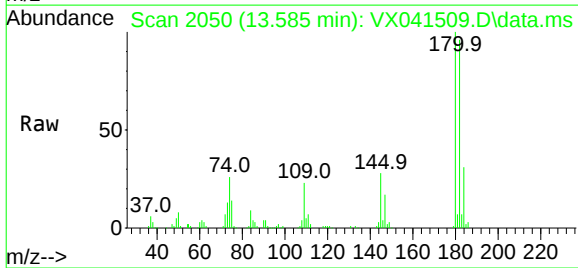
Tgt Ion:	180	Resp:	53160
Ion Ratio	Lower	Upper	
180	100		
182	96.9	48.3	144.8
145	27.1	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#94

Hexachlorobutadiene

Concen: 18.407 ug/l

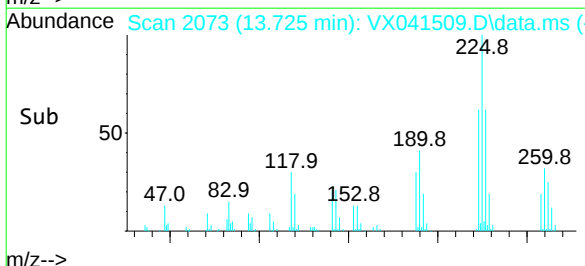
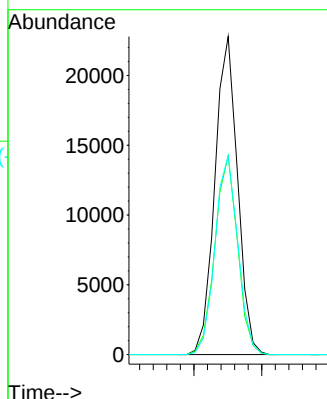
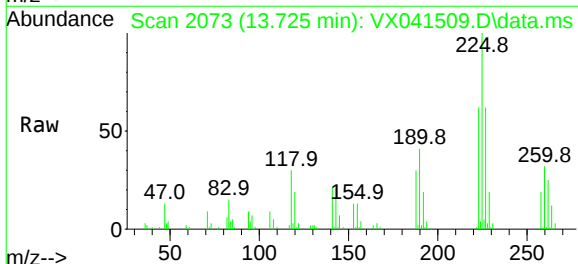
RT: 13.725 min Scan# 2073

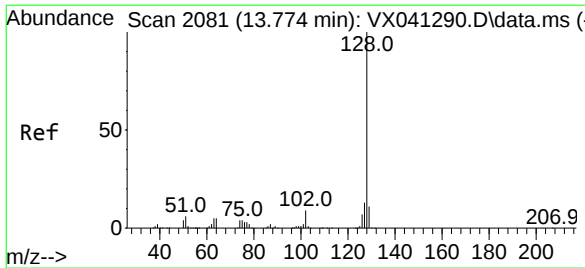
Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Tgt Ion:	225	Resp:	26506
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.1	93.2
227	62.8	32.5	97.5





#95

Naphthalene

Concen: 18.755 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBS01

Tgt Ion:128 Resp: 160268

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

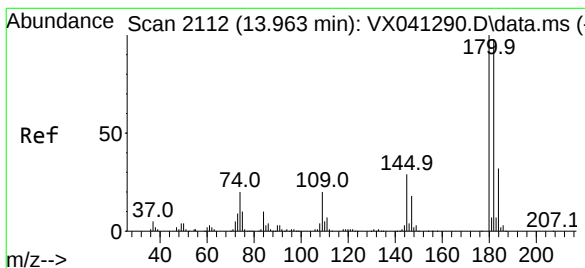
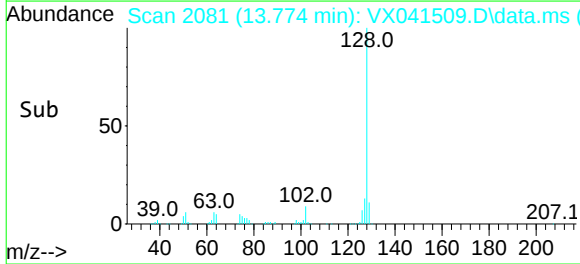
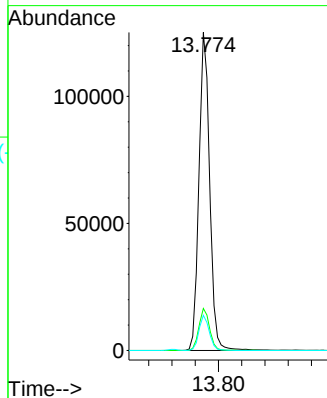
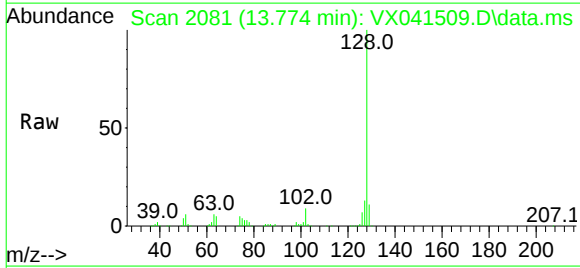
129 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/15/2024

Supervised By :Mahesh Dadoda 05/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.689 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041509.D

Acq: 14 May 2024 10:54

Tgt Ion:180 Resp: 55078

Ion Ratio Lower Upper

180 100

182 95.0 46.9 140.6

145 29.5 17.8 53.5

