

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041504.D
 Acq On : 13 May 2024 19:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 14 01:39:32 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 05/14/2024
 Supervised By : Mahesh Dadoda 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	173989	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	249320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	229083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103151	54.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.920%			
35) Dibromofluoromethane	5.385	113	85491	50.599	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.200%			
50) Toluene-d8	8.647	98	295165	55.195	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.400%			
62) 4-Bromofluorobenzene	11.079	95	100305	48.454	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.900%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	70729	49.472	ug/l	99
3) Chloromethane	1.295	50	67669	45.741	ug/l	98
4) Vinyl Chloride	1.374	62	71690	50.834	ug/l	100
5) Bromomethane	1.599	94	52641	59.542	ug/l	99
6) Chloroethane	1.666	64	39099	59.711	ug/l	96
7) Trichlorofluoromethane	1.868	101	124574	51.226	ug/l	99
8) Diethyl Ether	2.136	74	47312	55.197	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.319	101	79068	57.849	ug/l	88
10) Methyl Iodide	2.447	142	89812	61.054	ug/l	93
11) Tert butyl alcohol	3.008	59	123382	325.451	ug/l	# 92
12) 1,1-Dichloroethene	2.313	96	73648	54.624	ug/l	89
13) Acrolein	2.239	56	116189	386.322	ug/l	98
14) Allyl chloride	2.660	41	132954	58.694	ug/l	99
15) Acrylonitrile	3.069	53	252347	291.647	ug/l	99
16) Acetone	2.392	43	234820	282.027	ug/l	94
17) Carbon Disulfide	2.508	76	145215	45.818	ug/l	100
18) Methyl Acetate	2.709	43	120048	61.948	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	272352	55.412	ug/l	100
20) Methylene Chloride	2.788	84	86311	52.489	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	77028	51.121	ug/l	89
22) Diisopropyl ether	3.764	45	271106	56.472	ug/l	91
23) Vinyl Acetate	3.721	43	1249897	291.055	ug/l	96
24) 1,1-Dichloroethane	3.605	63	150527	55.501	ug/l	98
25) 2-Butanone	4.562	43	370044	301.850	ug/l	97
26) 2,2-Dichloropropane	4.471	77	119009	52.482	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	98790	55.375	ug/l	91
28) Bromochloromethane	4.898	49	51229	52.926	ug/l	# 82
29) Tetrahydrofuran	5.007	42	236605	295.112	ug/l	97
30) Chloroform	5.093	83	160546	56.898	ug/l	96
31) Cyclohexane	5.465	56	116421	50.927	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	141113	54.969	ug/l	98
36) 1,1-Dichloropropene	5.690	75	101326	50.154	ug/l	96
37) Ethyl Acetate	4.721	43	139947	55.516	ug/l	100
38) Carbon Tetrachloride	5.672	117	121335	52.425	ug/l	96
39) Methylcyclohexane	7.379	83	121379	51.139	ug/l	92
40) Benzene	6.031	78	324990	52.181	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	75045	57.842	ug/l	96
42) 1,2-Dichloroethane	6.086	62	124571	54.576	ug/l	97
43) Isopropyl Acetate	6.342	43	212866	56.163	ug/l	98
44) Trichloroethene	7.123	130	89142	54.203	ug/l	88
45) 1,2-Dichloropropane	7.428	63	80618	57.935	ug/l	98
46) Dibromomethane	7.580	93	61653	55.656	ug/l #	79
47) Bromodichloromethane	7.824	83	119292	60.431	ug/l	99
48) Methyl methacrylate	7.696	41	106826	61.484	ug/l	96
49) 1,4-Dioxane	7.665	88	53948	1436.142	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	733557	322.541	ug/l	99
52) Toluene	8.714	92	209265	54.927	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	117567	51.173	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	127237	58.630	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	88853	60.559	ug/l	96
56) Ethyl methacrylate	9.116	69	143457	63.177	ug/l	99
57) 1,3-Dichloropropane	9.305	76	143928	58.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	335532	304.746	ug/l	94
59) 2-Hexanone	9.433	43	573246	315.210	ug/l	97
60) Dibromochloromethane	9.519	129	102377	59.271	ug/l	99
61) 1,2-Dibromoethane	9.610	107	91717	56.820	ug/l	99
64) Tetrachloroethene	9.275	164	85010	51.246	ug/l	89
65) Chlorobenzene	10.080	112	248905	53.523	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	90228	54.910	ug/l	99
67) Ethyl Benzene	10.195	91	407585	53.122	ug/l	98
68) m/p-Xylenes	10.299	106	320067	104.171	ug/l	93
69) o-Xylene	10.640	106	160684	54.619	ug/l	94
70) Styrene	10.653	104	272203	56.387	ug/l	95
71) Bromoform	10.799	173	75140	51.096	ug/l #	99
73) Isopropylbenzene	10.964	105	385353	48.897	ug/l	97
74) N-amyl acetate	10.842	43	173647	50.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	130996	50.726	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	107543m	51.113	ug/l	
77) Bromobenzene	11.195	156	108253	48.668	ug/l	79
78) n-propylbenzene	11.305	91	413793	49.991	ug/l	96
79) 2-Chlorotoluene	11.366	91	266395	49.942	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	310933	48.398	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	40367	52.259	ug/l	94
82) 4-Chlorotoluene	11.451	91	294775	48.678	ug/l	93
83) tert-Butylbenzene	11.713	119	354318	51.502	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	338306	52.334	ug/l	93
85) sec-Butylbenzene	11.890	105	443522	56.255	ug/l	96
86) p-Isopropyltoluene	12.006	119	387538	54.730	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	216771	53.617	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	219043	52.586	ug/l	95
89) n-Butylbenzene	12.329	91	309248	54.313	ug/l	98
90) Hexachloroethane	12.536	117	64695	54.634	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	222271	52.050	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33857	56.737	ug/l	62
93) 1,2,4-Trichlorobenzene	13.585	180	153730	51.501	ug/l	96
94) Hexachlorobutadiene	13.725	225	72538	48.663	ug/l	99
95) Naphthalene	13.774	128	476455	53.863	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	155680	51.031	ug/l	96

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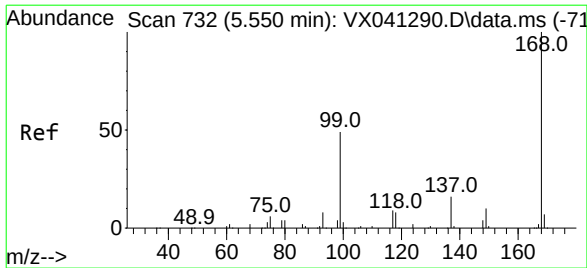
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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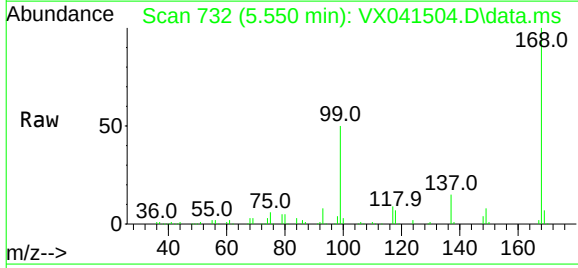
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041504.D
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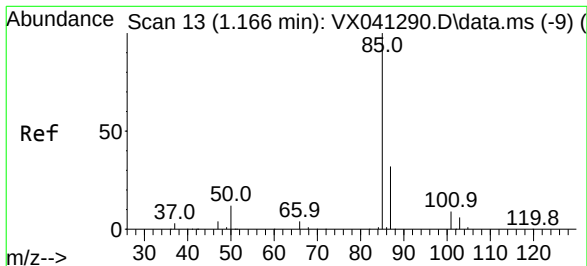
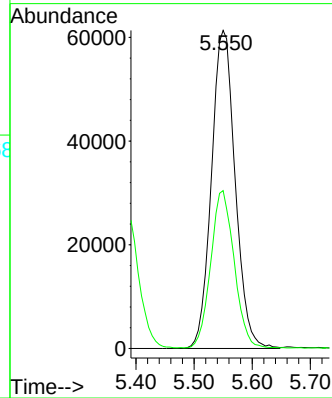
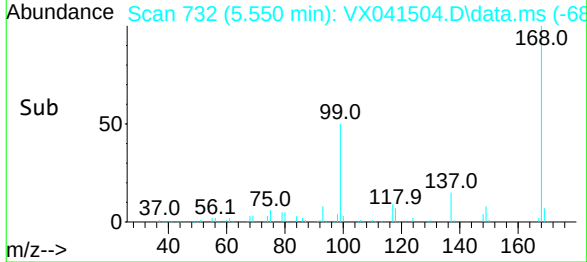
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 173989
Ion Ratio Lower Upper
168 100
99 49.4 56.6 85.0#

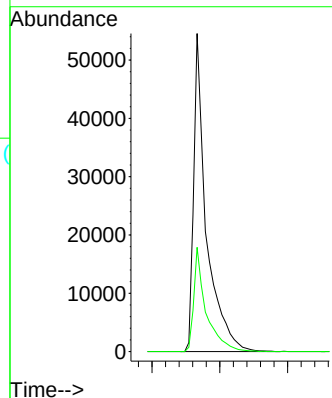
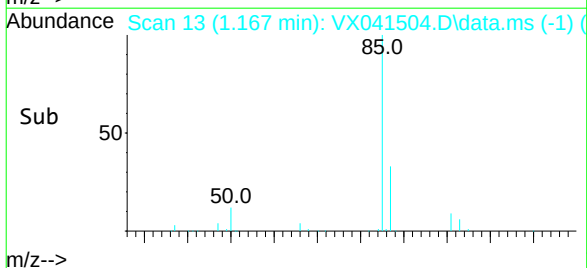
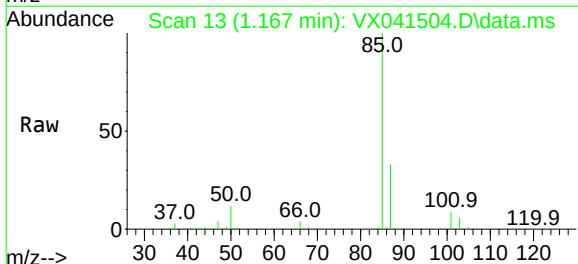
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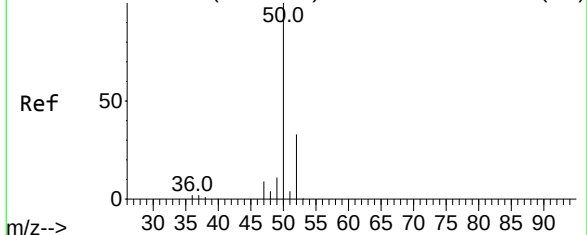


#2
Dichlorodifluoromethane
Concen: 49.472 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion: 85 Resp: 70729
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1



Abundance Scan 35 (1.300 min): VX041290.D\data.ms (-30)



#3

Chloromethane

Concen: 45.741 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 67669

Ion Ratio Lower Upper

50 100

52 33.2 25.5 38.3

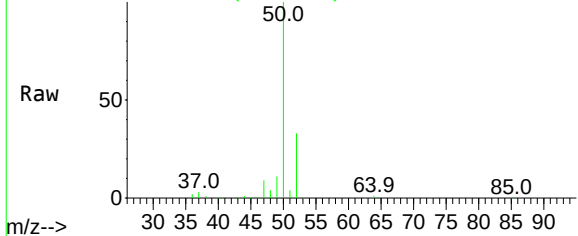
Manual Integrations

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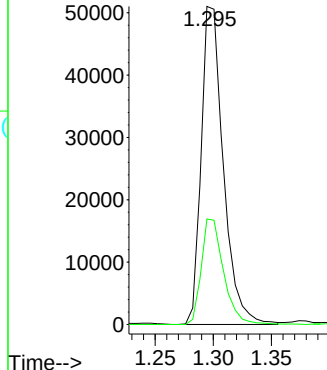
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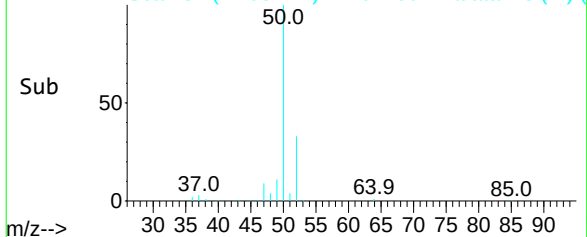
Abundance Scan 34 (1.295 min): VX041504.D\data.ms



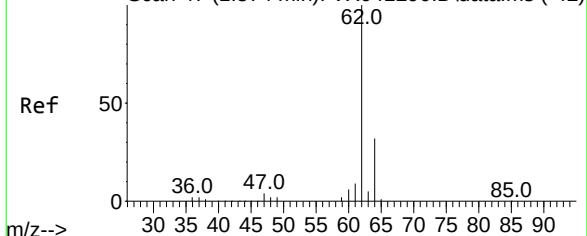
Abundance



Abundance Scan 34 (1.295 min): VX041504.D\data.ms (-1)



Abundance Scan 47 (1.374 min): VX041290.D\data.ms (-42)



#4

Vinyl Chloride

Concen: 50.834 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

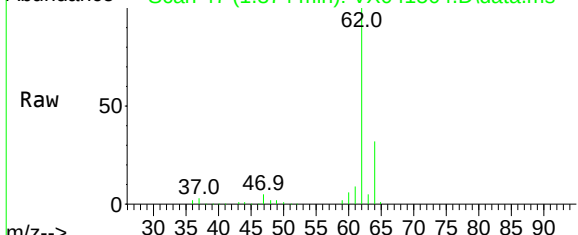
Tgt Ion: 62 Resp: 71690

Ion Ratio Lower Upper

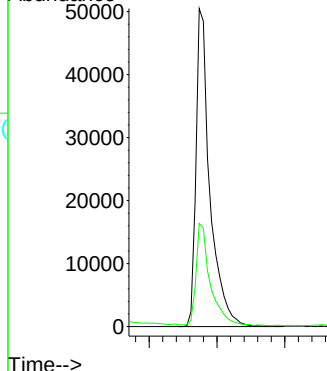
62 100

64 31.9 25.4 38.0

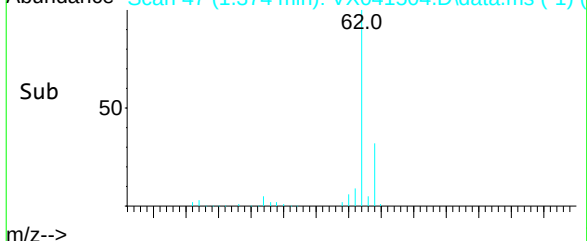
Abundance Scan 47 (1.374 min): VX041504.D\data.ms

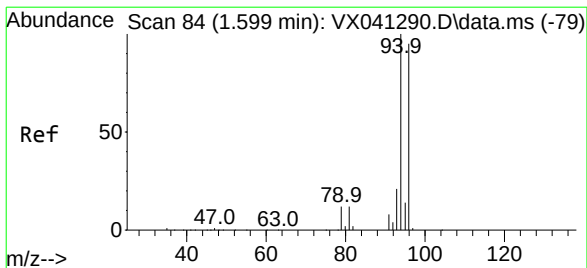


Abundance



Abundance Scan 47 (1.374 min): VX041504.D\data.ms (-1)





#5

Bromomethane

Concen: 59.542 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 52641

Ion Ratio Lower Upper

94 100

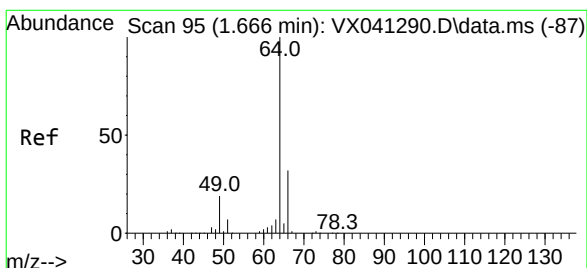
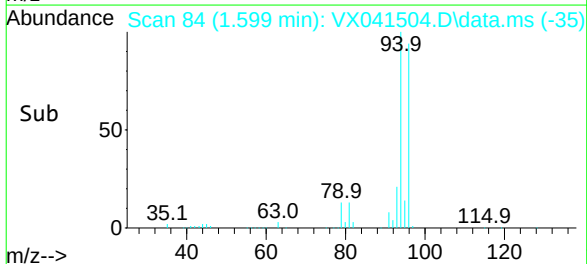
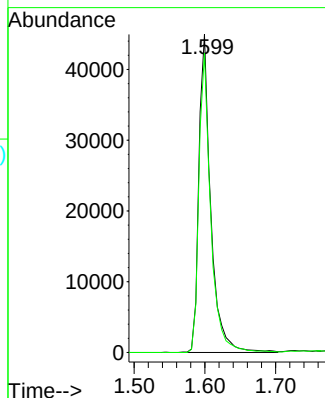
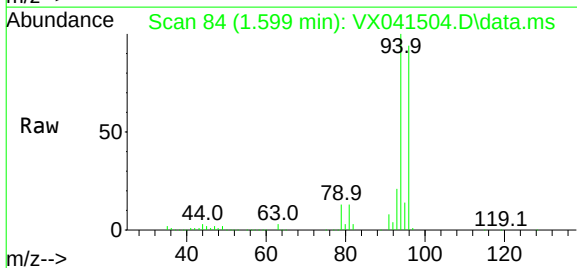
96 94.1 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 59.711 ug/l

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX041504.D

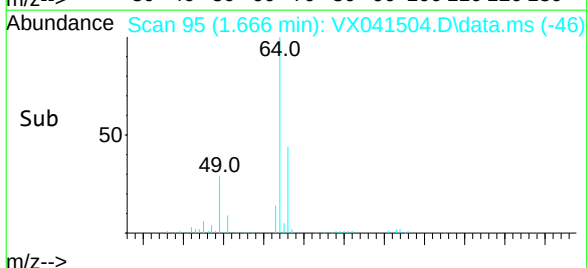
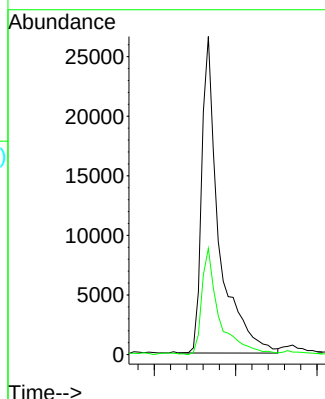
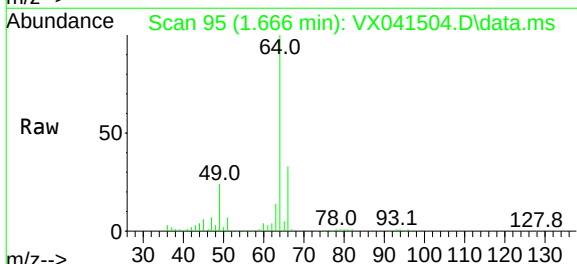
Acq: 13 May 2024 19:40

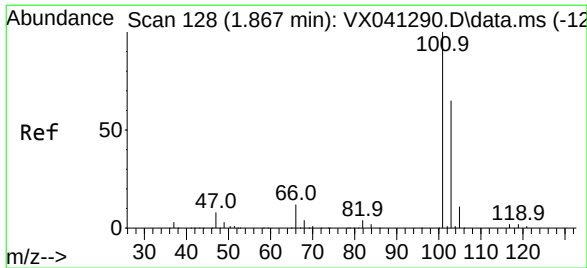
Tgt Ion: 64 Resp: 39099

Ion Ratio Lower Upper

64 100

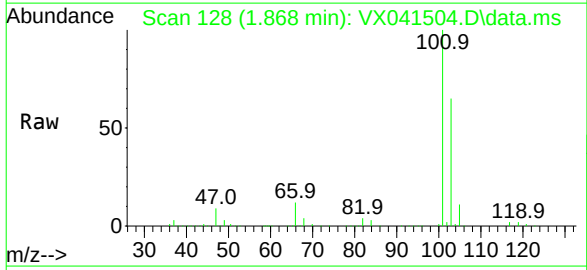
66 33.3 25.1 37.7





Trichlorofluoromethane
 Concen: 51.226 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: VX041504.D
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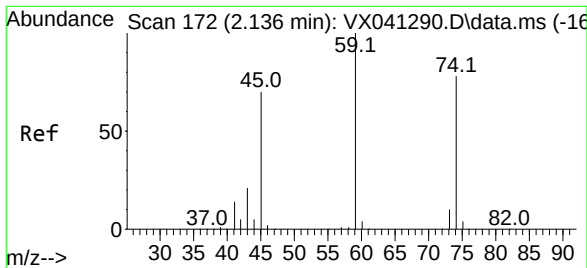
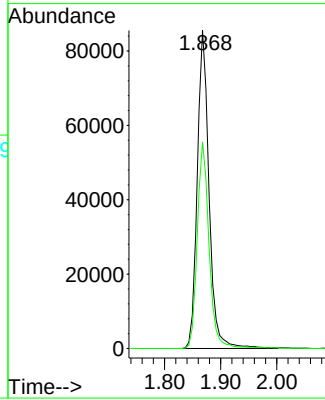
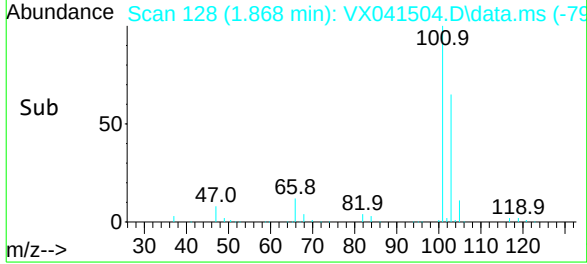
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 124574
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.2

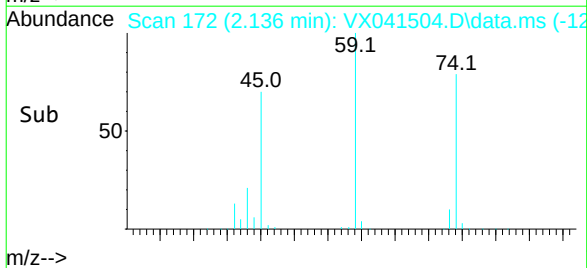
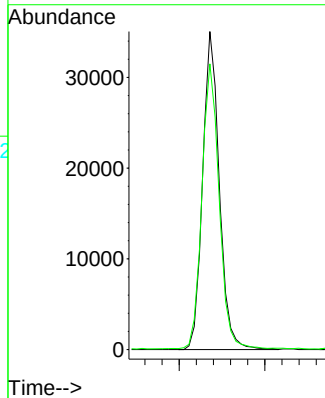
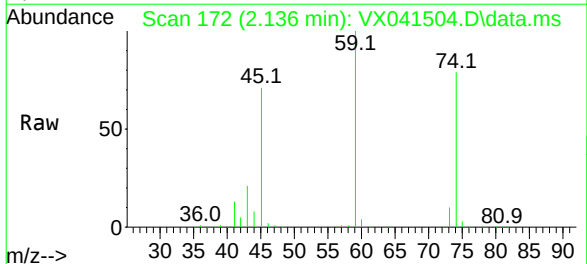
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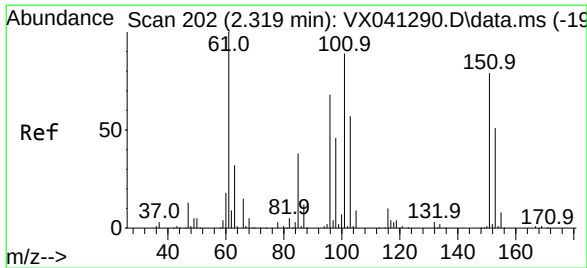
Reviewed By :John Carlone 05/14/2024
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Diethyl Ether
 Concen: 55.197 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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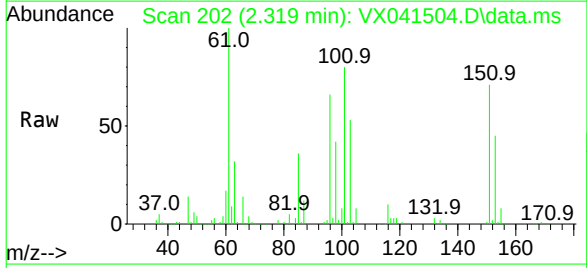
Tgt Ion: 74 Resp: 47312
 Ion Ratio Lower Upper
 74 100
 45 92.7 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.849 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

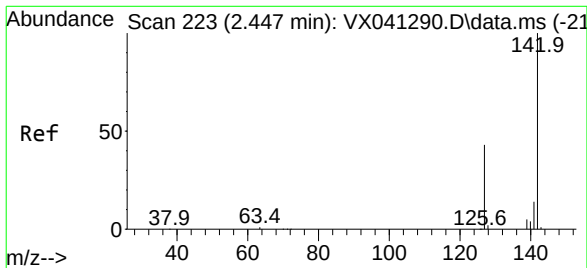
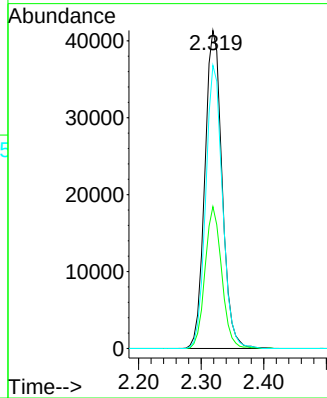
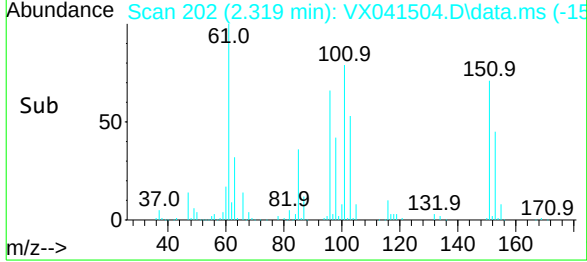
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 79068
Ion Ratio Lower Upper
101 100
85 43.0 37.0 55.6
151 86.5 58.6 87.8

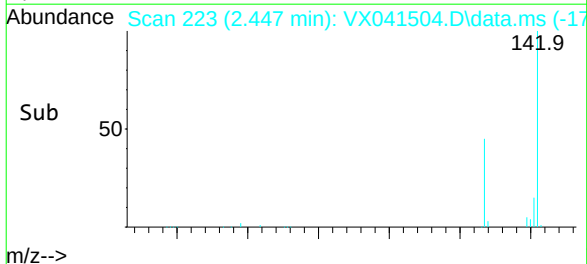
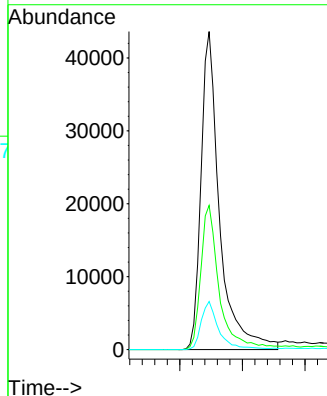
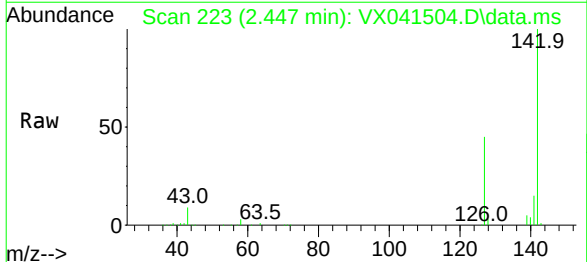
Manual Integrations
APPROVED

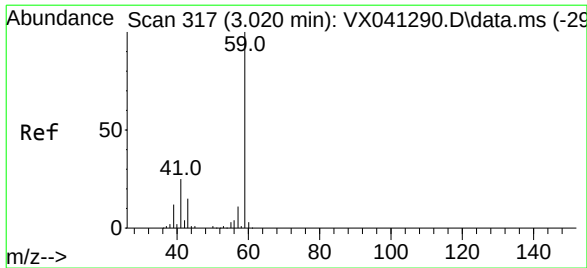
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#10
Methyl Iodide
Concen: 61.054 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion:142 Resp: 89812
Ion Ratio Lower Upper
142 100
127 45.4 41.6 62.4
141 14.4 11.6 17.4





#11

Tert butyl alcohol

Concen: 325.451 ug/l

RT: 3.008 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 123382

Ion Ratio Lower Upper

59 100

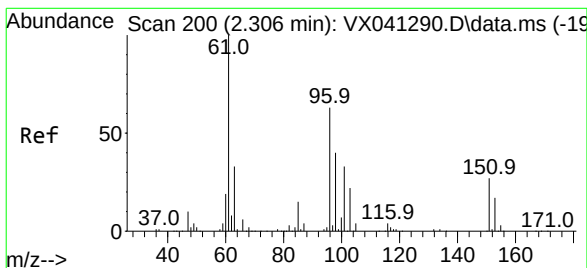
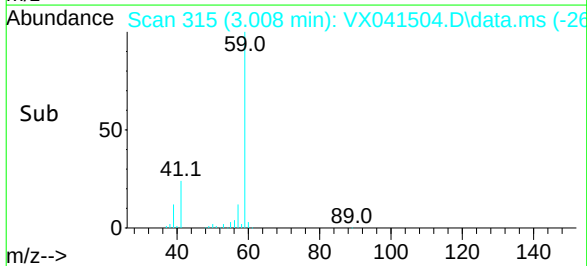
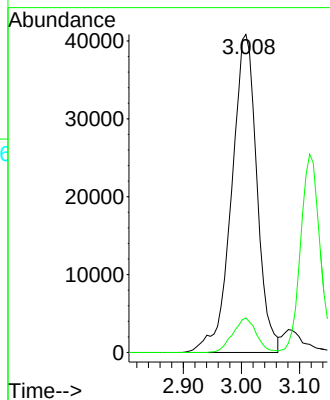
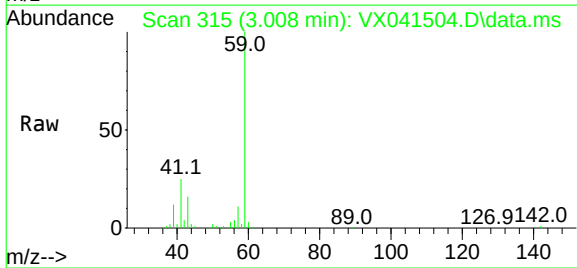
57 10.2 6.0 9.0#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#12

1,1-Dichloroethene

Concen: 54.624 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.006 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

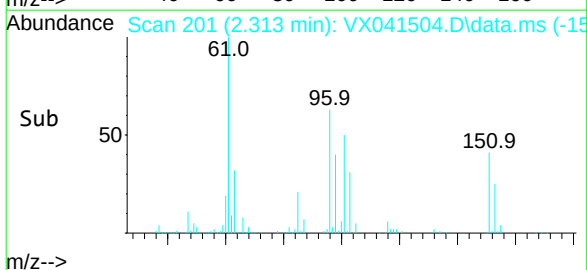
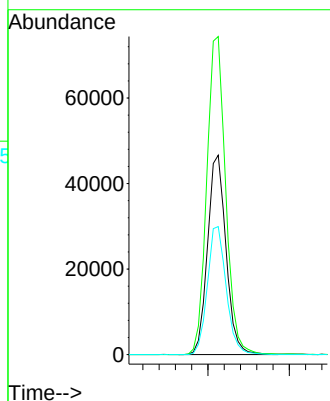
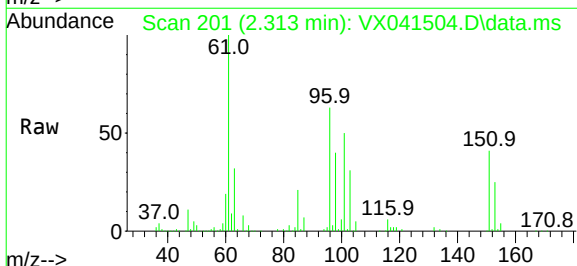
Tgt Ion: 96 Resp: 73648

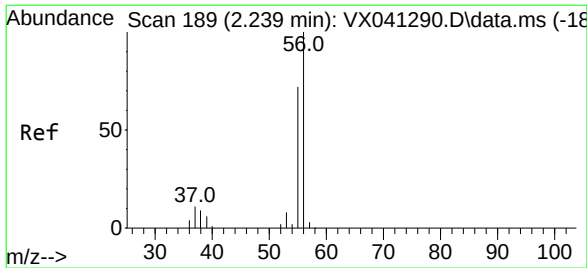
Ion Ratio Lower Upper

96 100

61 159.5 144.6 216.8

98 64.2 50.4 75.6





#13

Acrolein

Concen: 386.322 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX041504.D

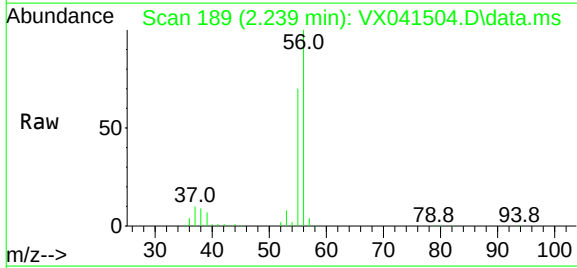
Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 116189

Ion Ratio Lower Upper

56 100

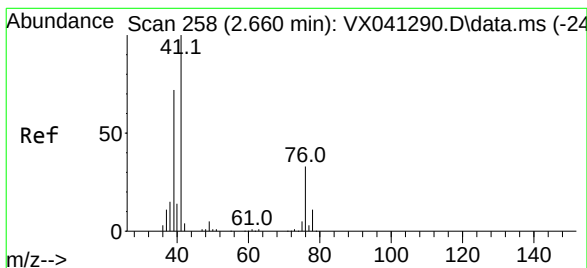
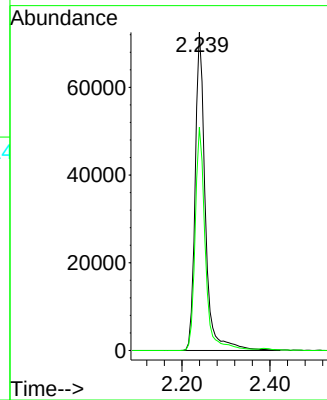
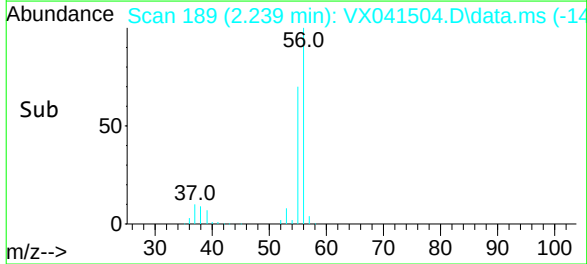
55 70.0 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#14

Allyl chloride

Concen: 58.694 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

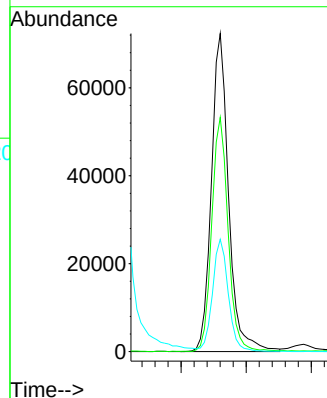
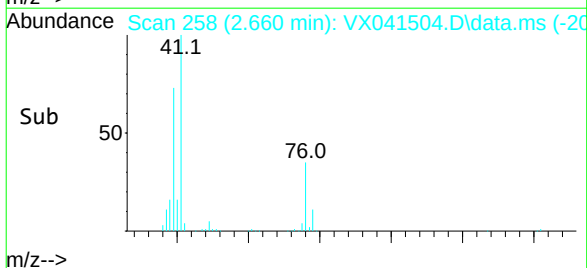
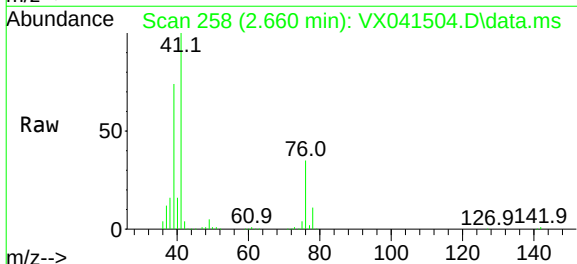
Tgt Ion: 41 Resp: 132954

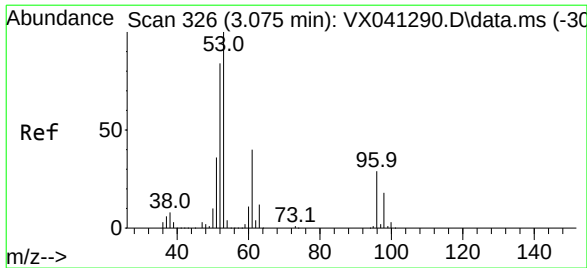
Ion Ratio Lower Upper

41 100

39 69.8 55.8 83.6

76 32.5 24.3 36.5





#15

Acrylonitrile

Concen: 291.647 ug/l

RT: 3.069 min Scan# 32

Delta R.T. -0.006 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

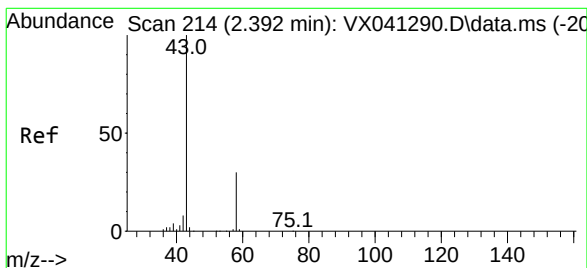
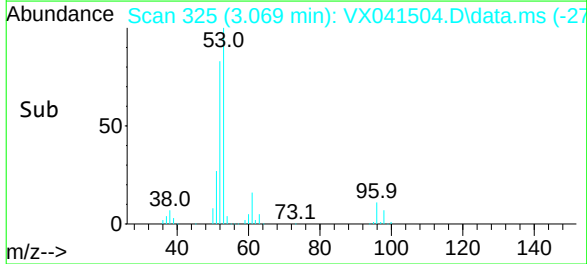
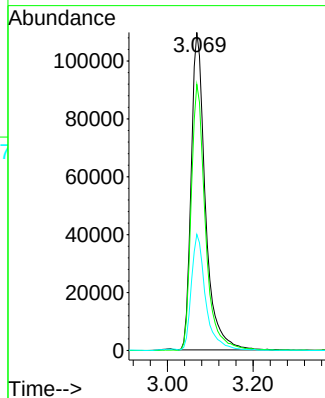
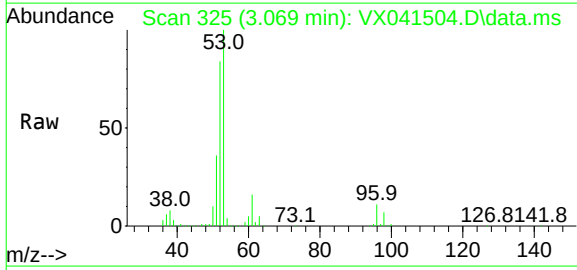
Tgt Ion:	53	Resp:	252347
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.0	99.0
51	36.8	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#16

Acetone

Concen: 282.027 ug/l

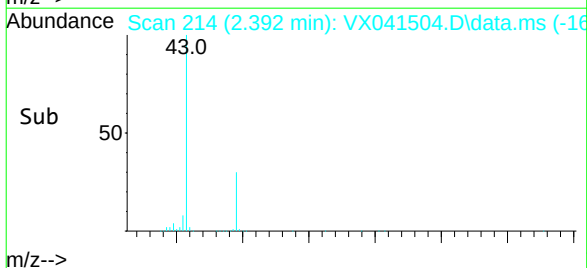
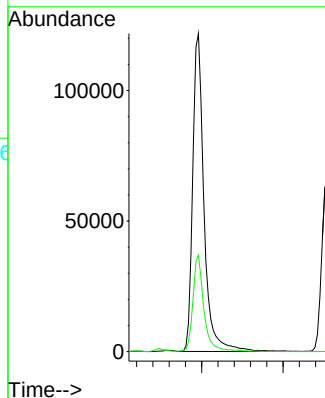
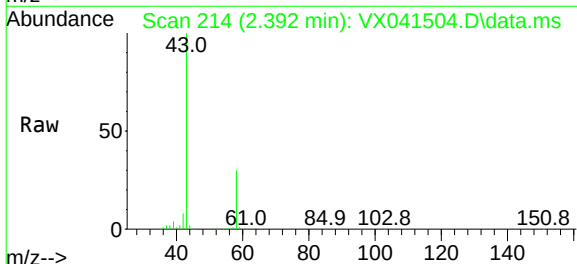
RT: 2.392 min Scan# 214

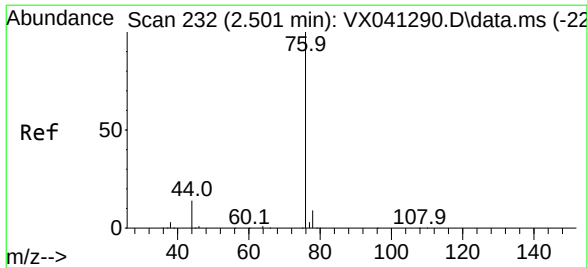
Delta R.T. -0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Tgt Ion:	43	Resp:	234820
Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.9	32.9





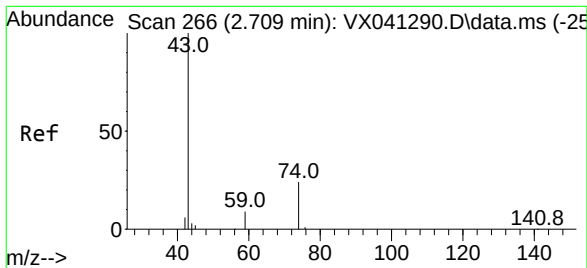
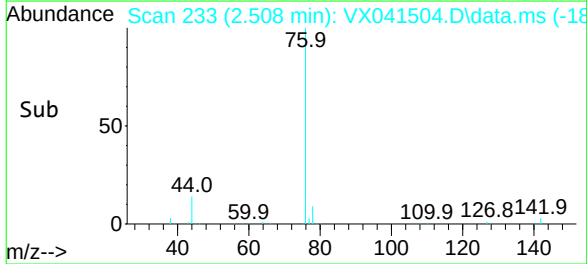
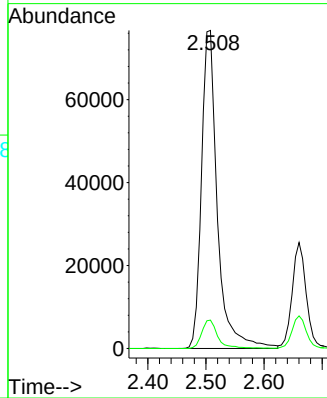
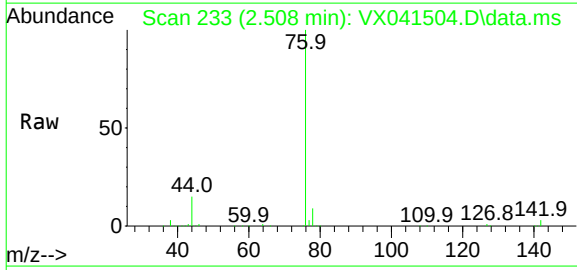
#17
Carbon Disulfide
Concen: 45.818 ug/l
RT: 2.508 min Scan# 232
Delta R.T. 0.007 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 145215
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

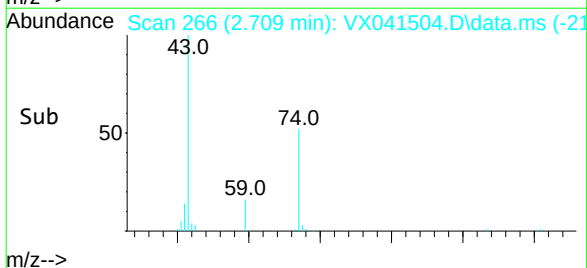
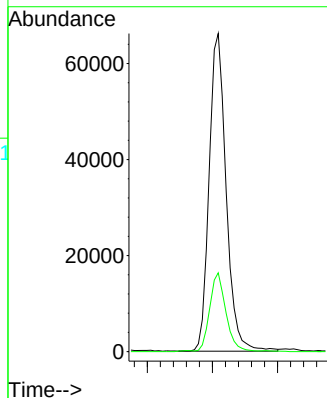
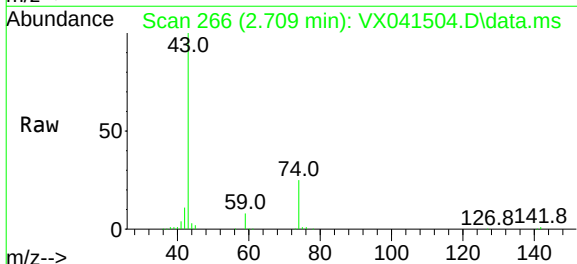
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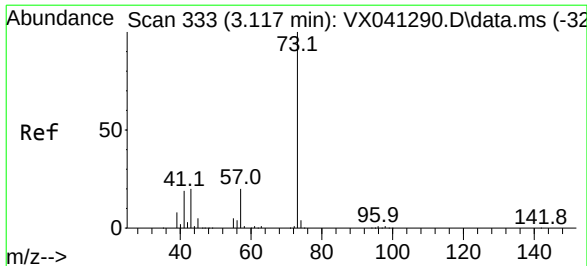
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#18
Methyl Acetate
Concen: 61.948 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

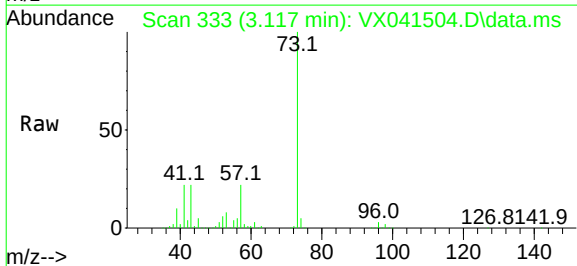
Tgt Ion: 43 Resp: 120048
Ion Ratio Lower Upper
43 100
74 22.9 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 55.412 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

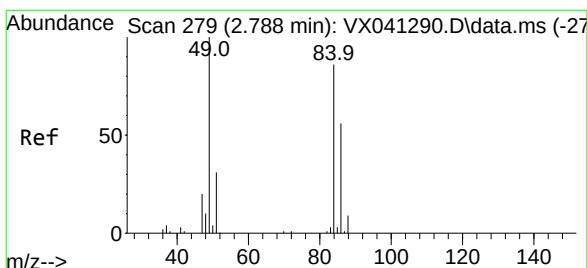
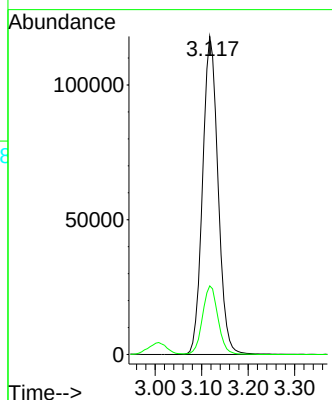
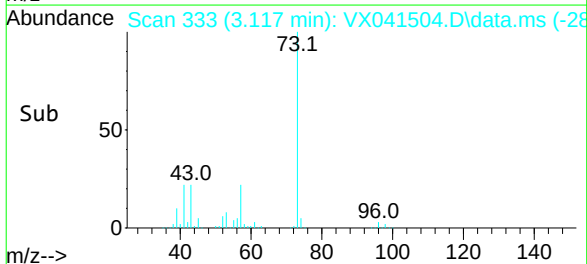
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



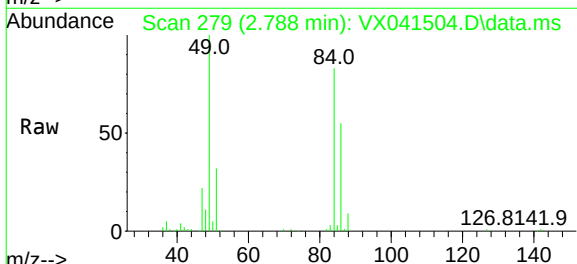
Tgt Ion: 73 Resp: 272352
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

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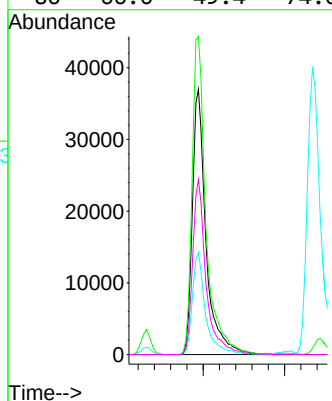
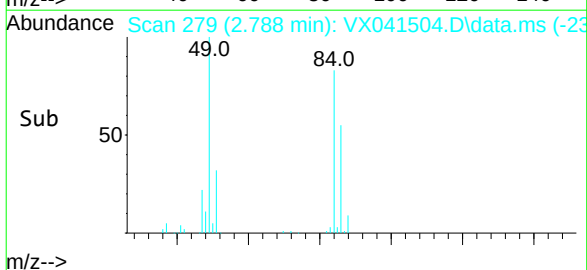
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

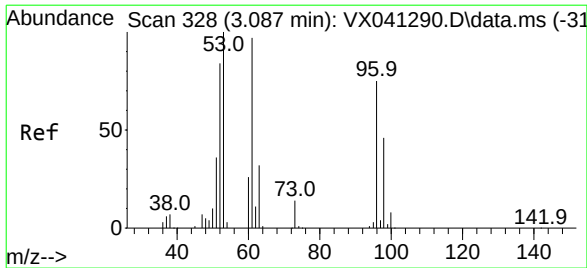


#20
Methylene Chloride
Concen: 52.489 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40



Tgt Ion: 84 Resp: 86311
Ion Ratio Lower Upper
84 100
49 119.9 103.6 155.4
51 38.6 33.8 50.6
86 66.0 49.4 74.0





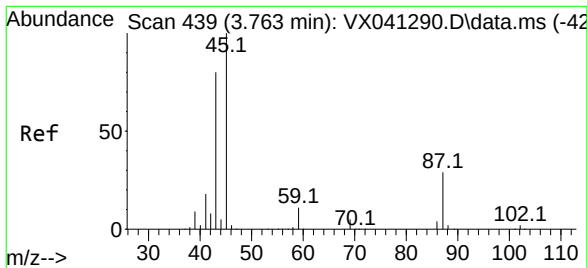
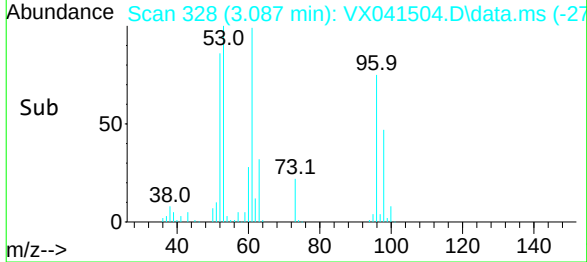
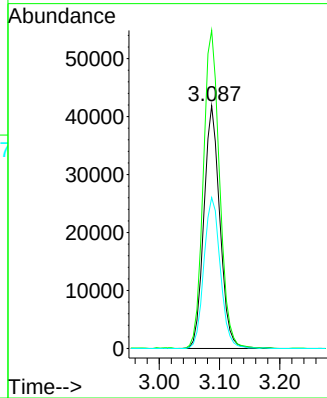
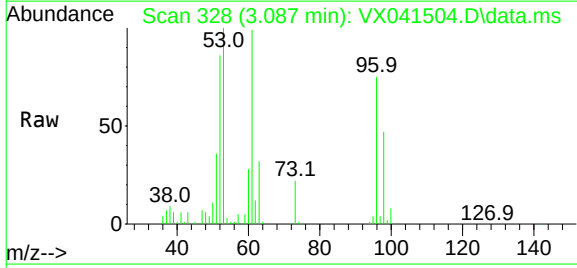
#21
trans-1,2-Dichloroethene
Concen: 51.121 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 77028
Ion Ratio Lower Upper
96 100
61 131.0 119.2 178.8
98 62.2 48.7 73.1

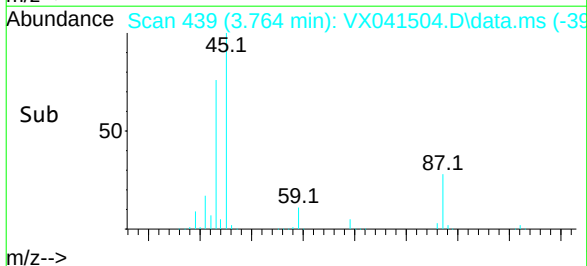
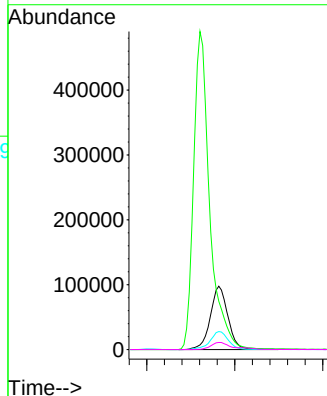
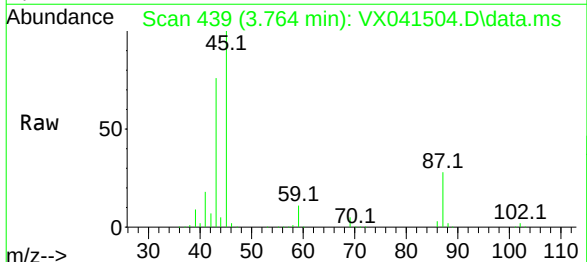
Manual Integrations
APPROVED

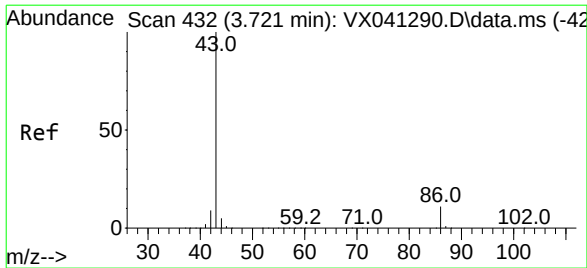
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#22
Diisopropyl ether
Concen: 56.472 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion: 45 Resp: 271106
Ion Ratio Lower Upper
45 100
43 75.9 69.7 104.5
87 28.4 20.8 31.2
59 11.3 9.0 13.4





#23

Vinyl Acetate

Concen: 291.055 ug/l

RT: 3.721 min Scan# 43

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1249897

Ion Ratio Lower Upper

43 100

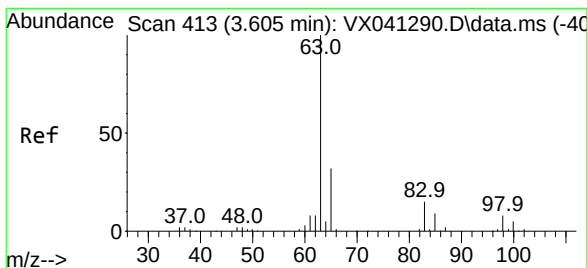
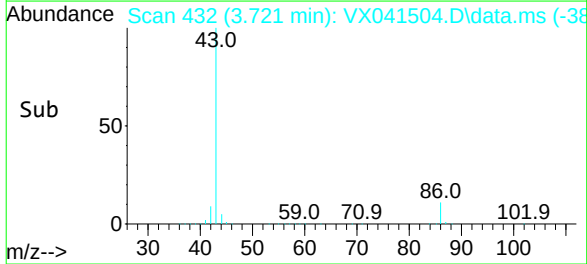
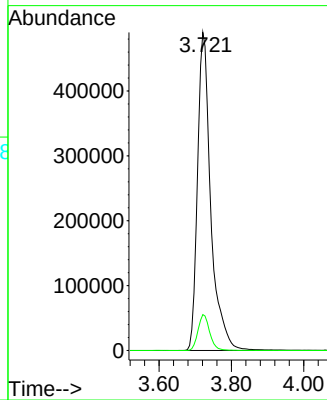
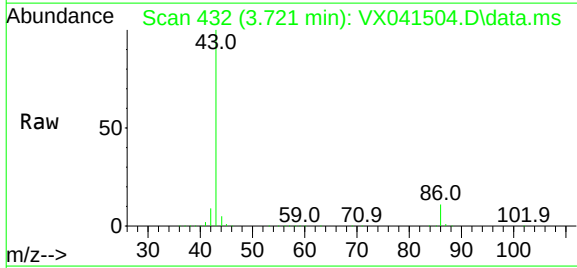
86 11.3 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#24

1,1-Dichloroethane

Concen: 55.501 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

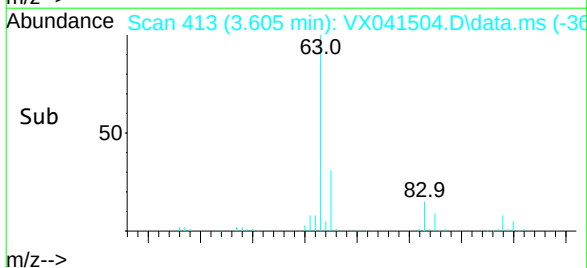
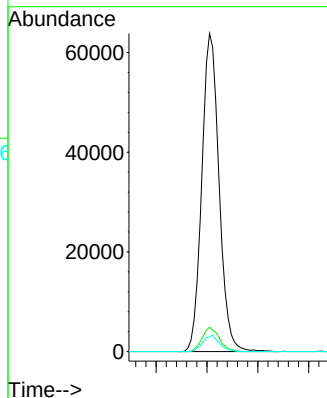
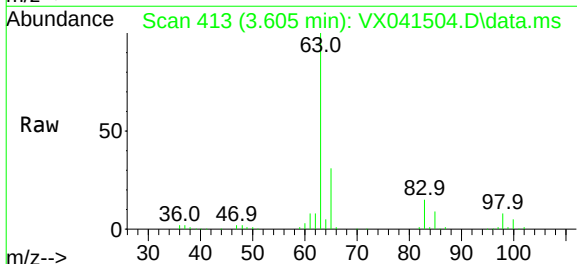
Tgt Ion: 63 Resp: 150527

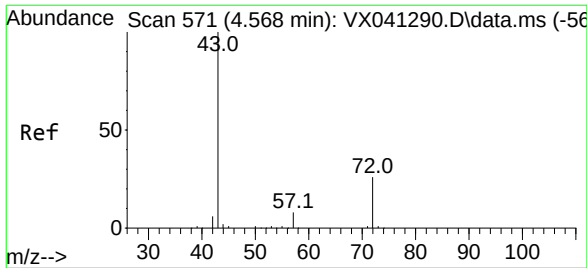
Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.8

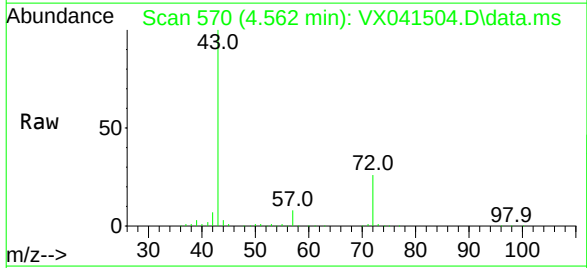
100 4.6 2.1 6.5





#25
2-Butanone
Concen: 301.850 ug/l
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

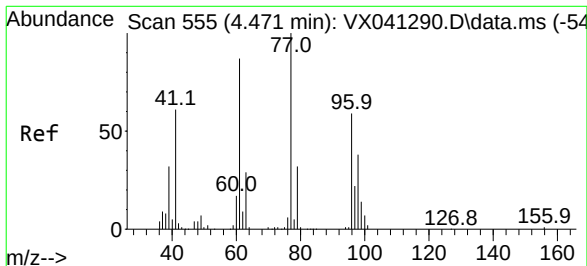
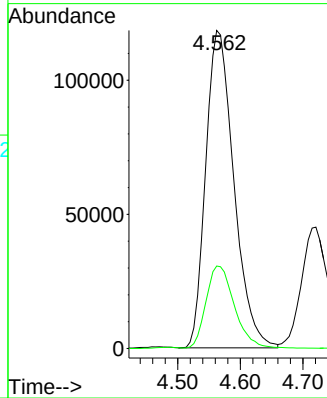
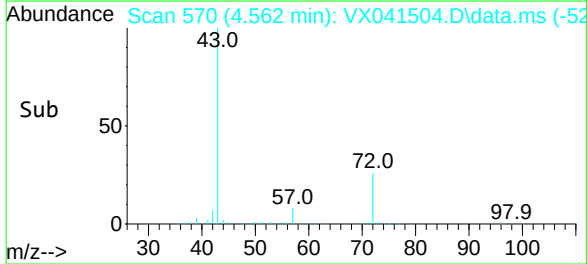
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 370044
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2

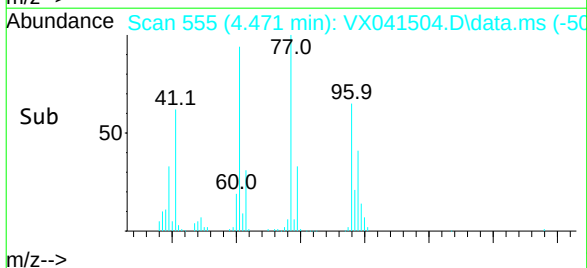
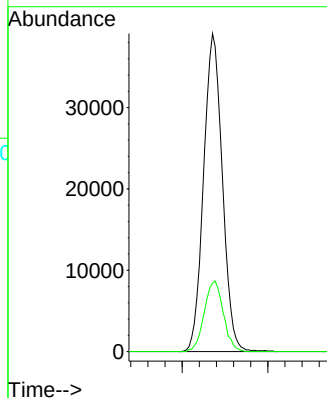
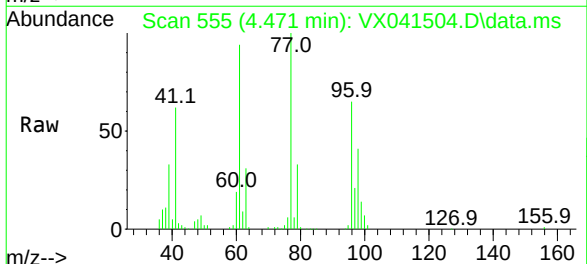
Manual Integrations
APPROVED

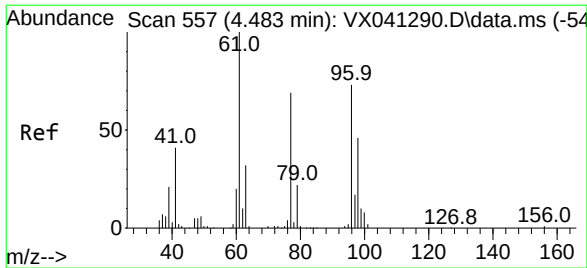
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#26
2,2-Dichloropropane
Concen: 52.482 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

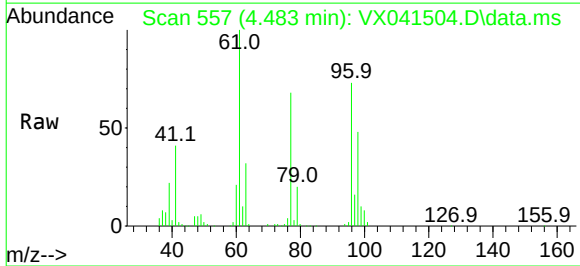
Tgt Ion: 77 Resp: 119009
Ion Ratio Lower Upper
77 100
97 22.5 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 55.375 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

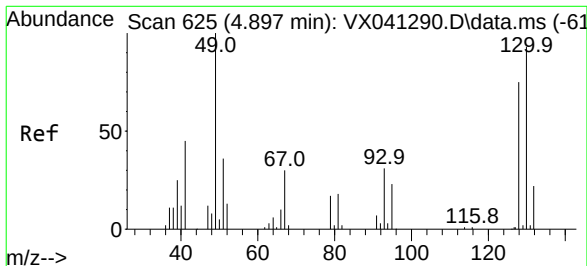
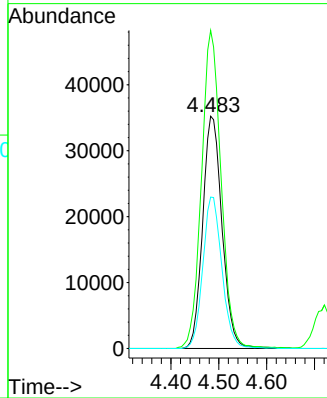
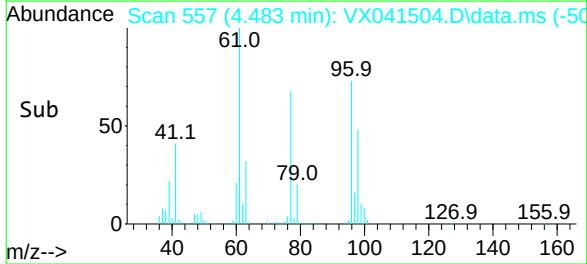
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



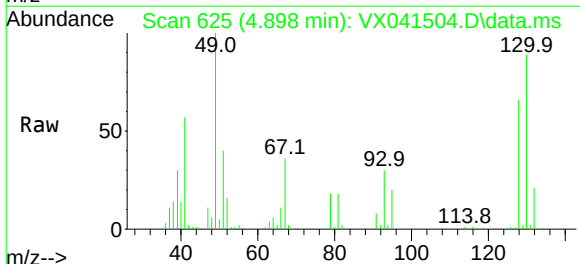
Tgt Ion: 96 Resp: 98796
Ion Ratio Lower Upper
96 100
61 139.2 0.0 312.2
98 64.5 0.0 129.0

Manual Integrations
APPROVED

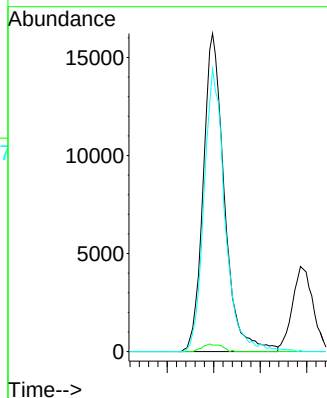
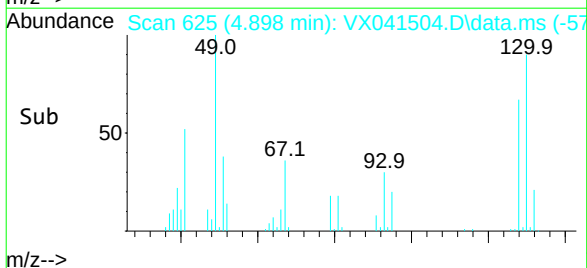
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

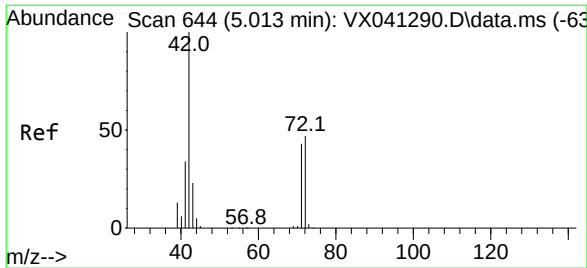


#28
Bromochloromethane
Concen: 52.926 ug/l
RT: 4.898 min Scan# 625
Delta R.T. 0.001 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40



Tgt Ion: 49 Resp: 51229
Ion Ratio Lower Upper
49 100
129 2.2 0.0 3.8
130 86.9 57.5 86.3#





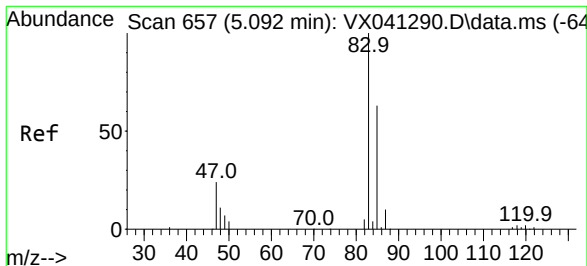
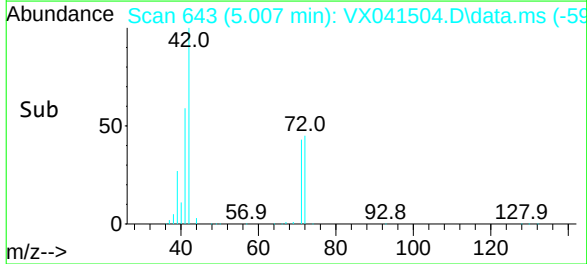
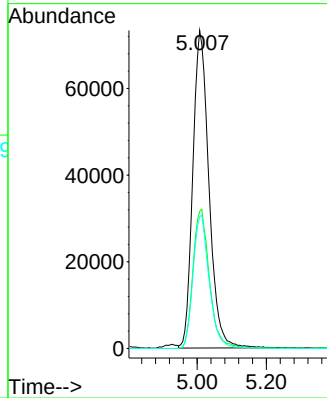
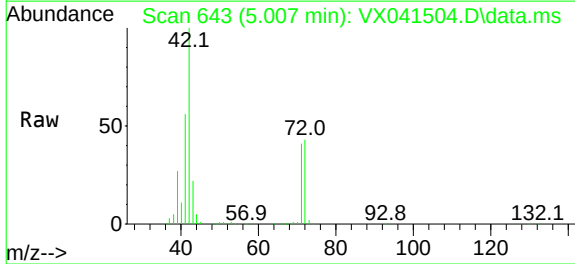
#29
Tetrahydrofuran
Concen: 295.112 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 236605
Ion Ratio Lower Upper
42 100
72 44.8 34.2 51.4
71 42.1 32.2 48.2

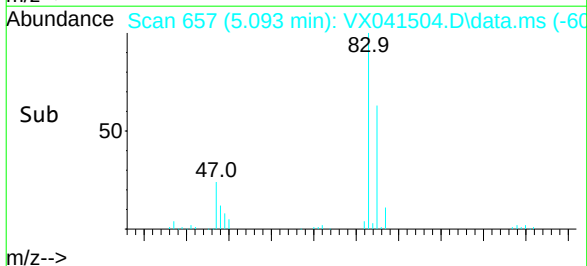
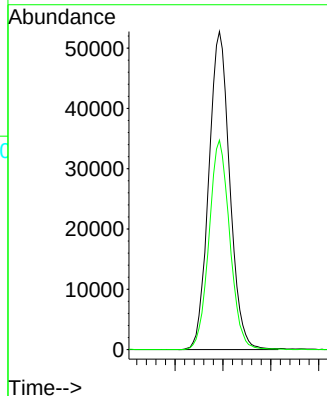
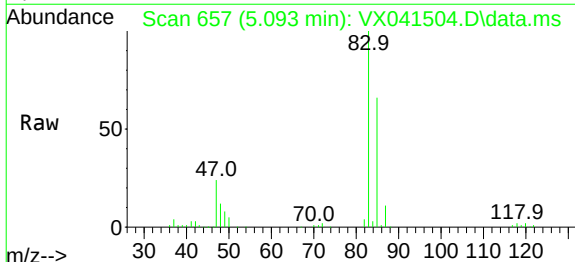
Manual Integrations
APPROVED

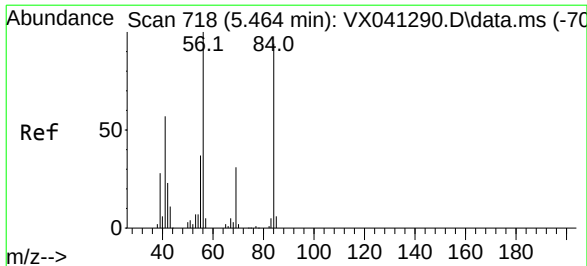
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#30
Chloroform
Concen: 56.898 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion: 83 Resp: 160546
Ion Ratio Lower Upper
83 100
85 65.8 50.3 75.5





#31

Cyclohexane

Concen: 50.927 ug/l

RT: 5.465 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

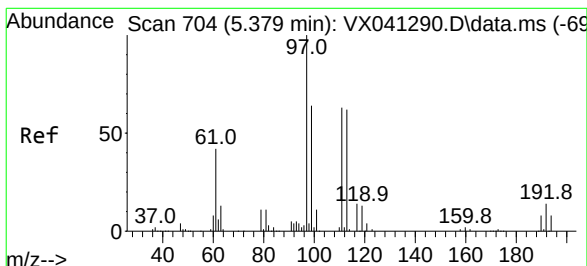
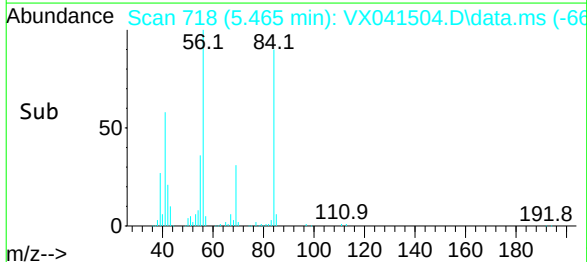
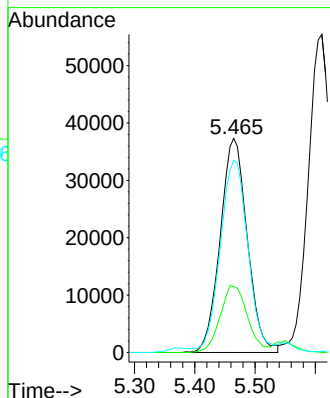
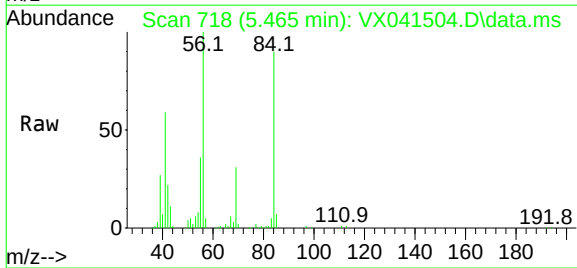
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	116421
Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.4	35.2
84	87.7	65.9	98.9

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#32

1,1,1-Trichloroethane

Concen: 54.969 ug/l

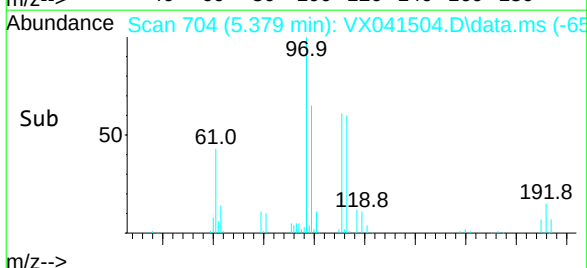
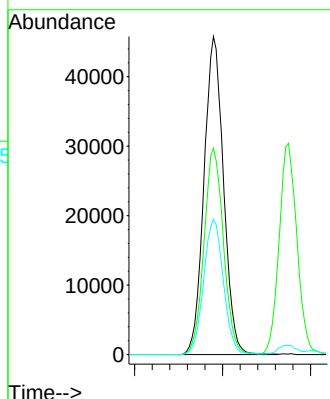
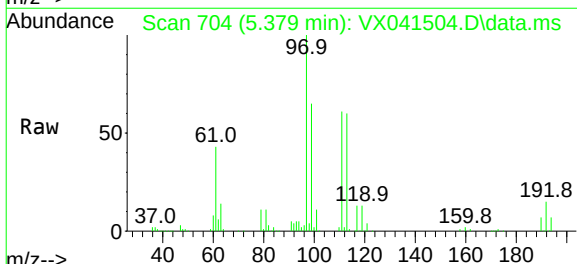
RT: 5.379 min Scan# 704

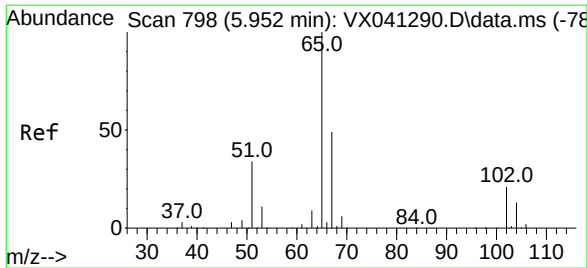
Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Tgt Ion:	97	Resp:	141113
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.1	76.7
61	43.0	36.4	54.6





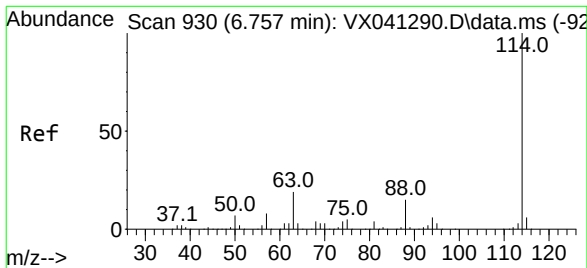
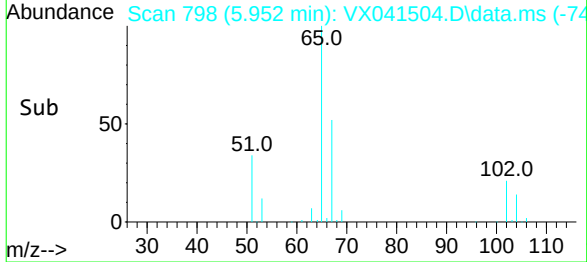
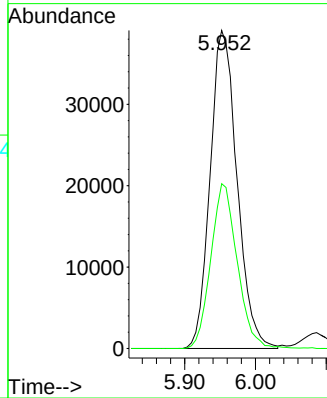
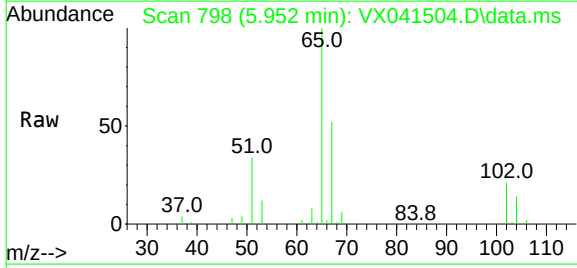
#33
1,2-Dichloroethane-d4
Concen: 54.459 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 103151
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2

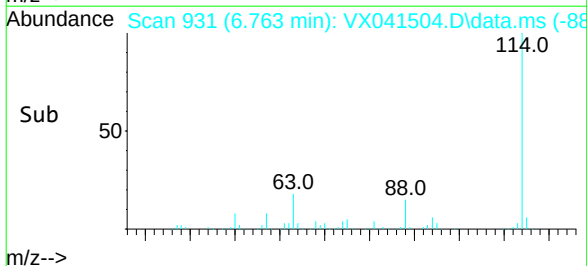
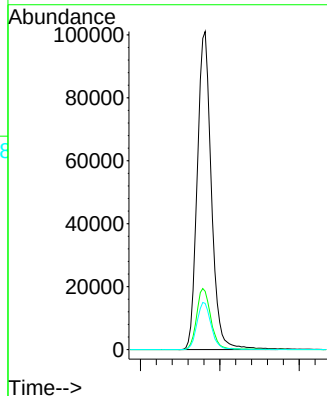
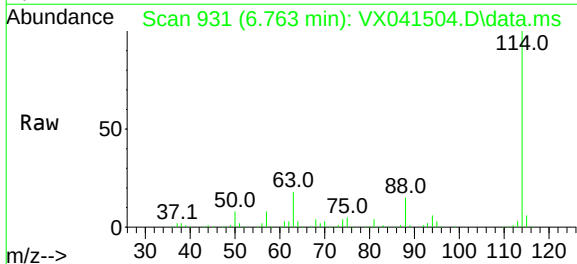
Manual Integrations
APPROVED

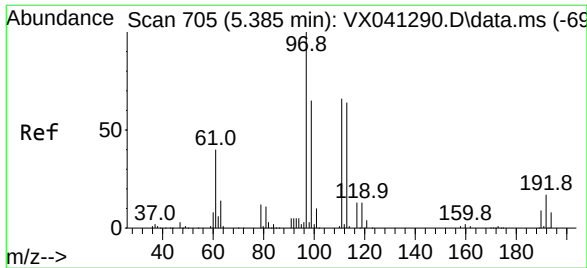
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion:114 Resp: 249320
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 14.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.599 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

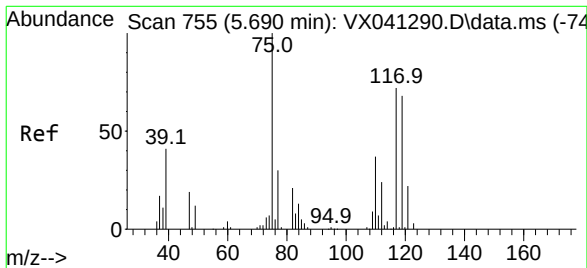
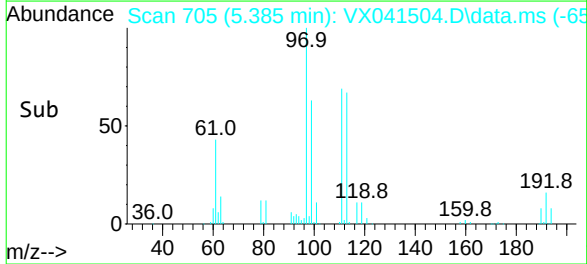
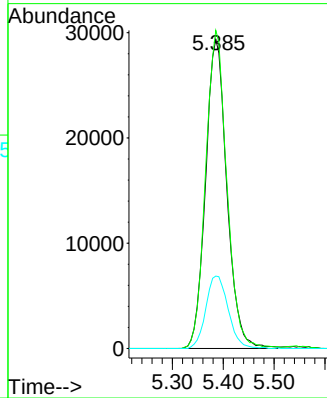
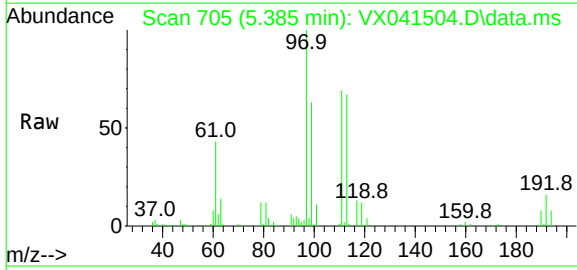
Tgt Ion:	113	Resp:	85491
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.9	124.3
192	24.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#36

1,1-Dichloropropene

Concen: 50.154 ug/l

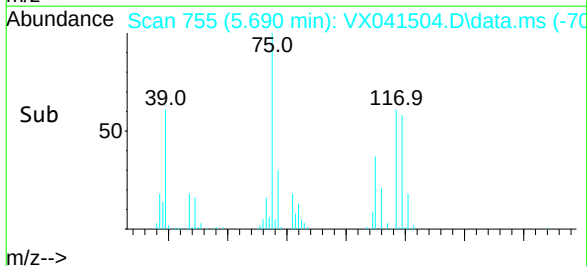
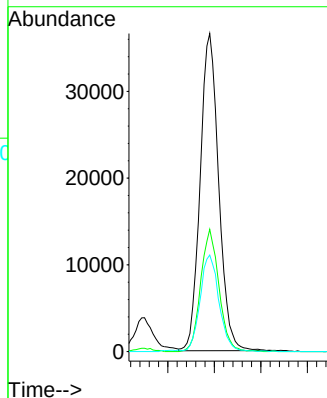
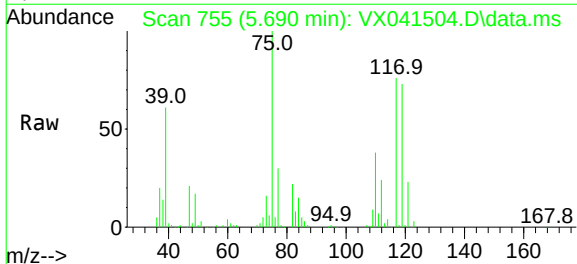
RT: 5.690 min Scan# 755

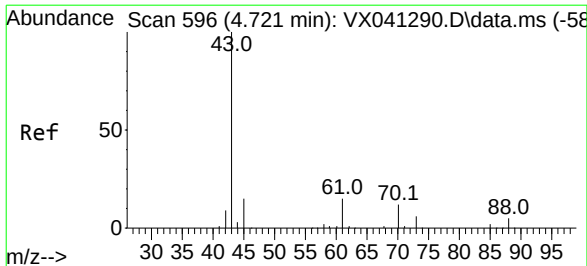
Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Tgt Ion:	75	Resp:	101326
Ion	Ratio	Lower	Upper
75	100		
110	37.8	17.0	50.9
77	31.1	24.7	37.1





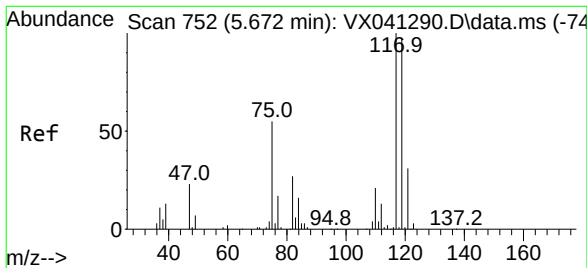
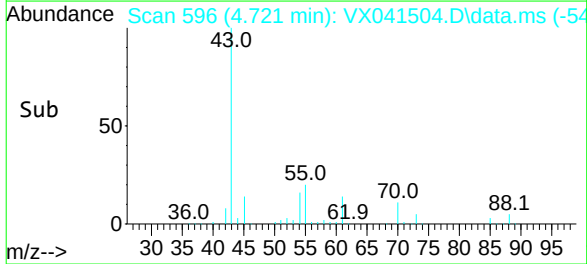
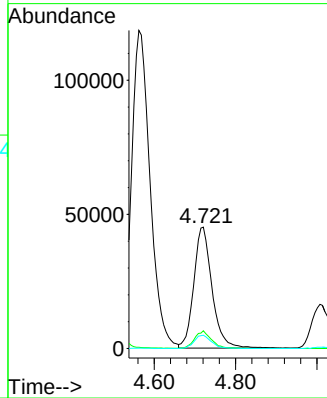
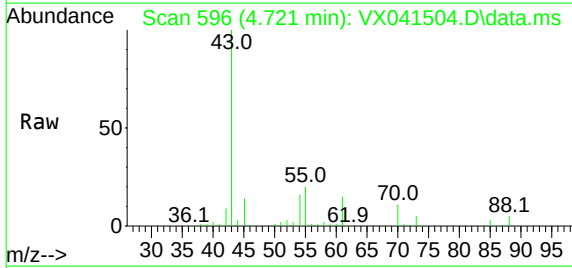
#37
Ethyl Acetate
Concen: 55.516 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43	Resp: 139947
Ion Ratio	Lower Upper
43 100	
61 13.5	10.6 16.0
70 10.4	8.3 12.5

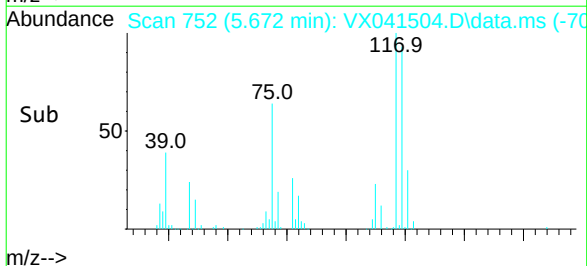
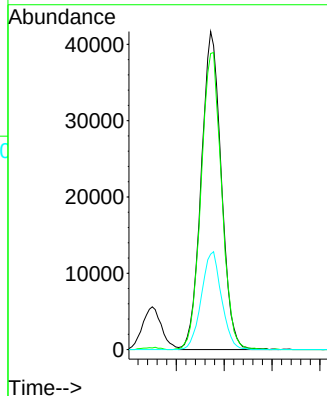
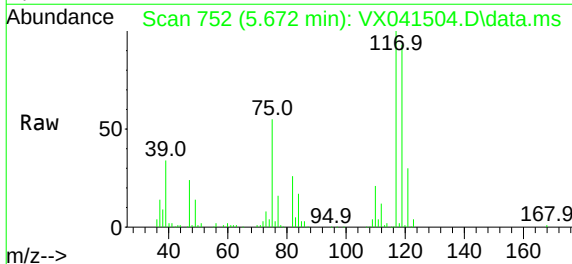
Manual Integrations
APPROVED

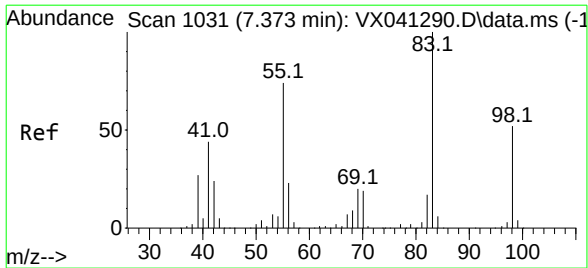
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#38
Carbon Tetrachloride
Concen: 52.425 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

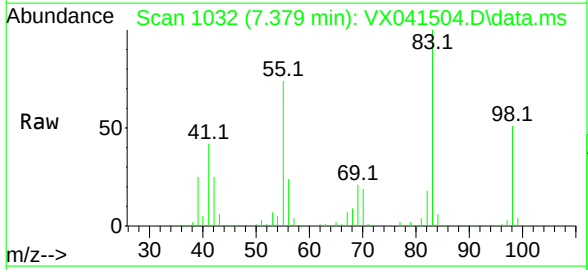
Tgt Ion: 117	Resp: 121335
Ion Ratio	Lower Upper
117 100	
119 93.0	78.2 117.2
121 30.0	24.4 36.6





#39
Methylcyclohexane
Concen: 51.139 ug/l
RT: 7.379 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

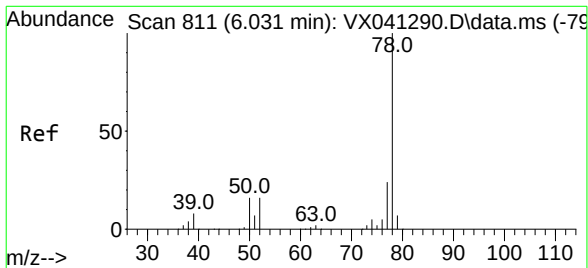
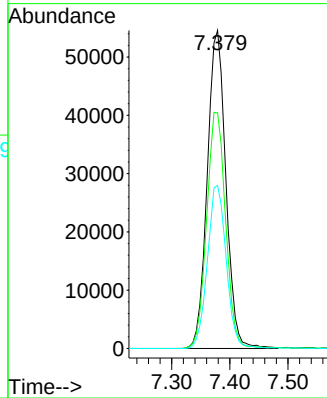
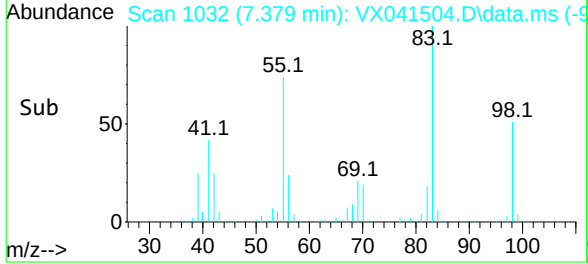
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 121379
Ion Ratio Lower Upper
83 100
55 74.1 64.6 97.0
98 51.3 36.7 55.1

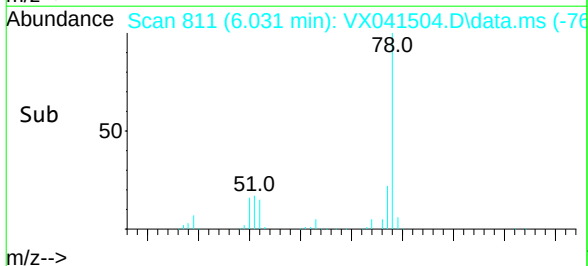
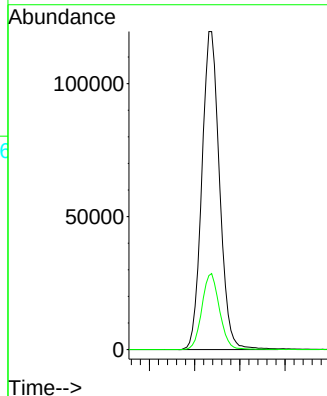
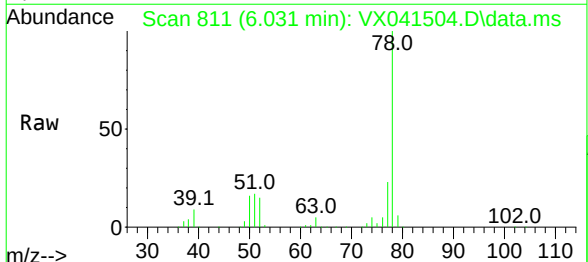
Manual Integrations
APPROVED

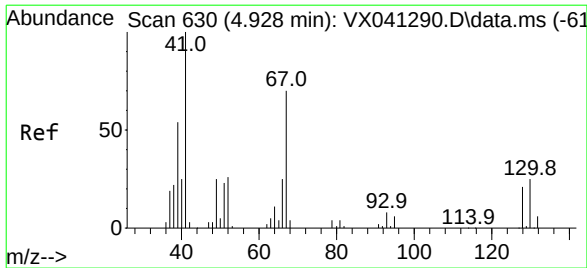
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#40
Benzene
Concen: 52.181 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion: 78 Resp: 324990
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





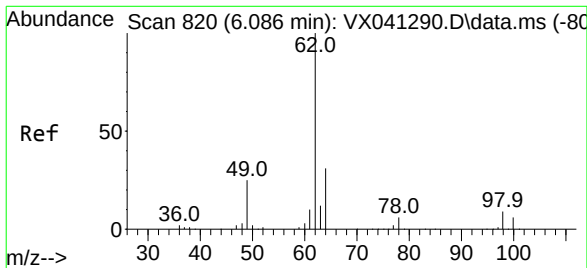
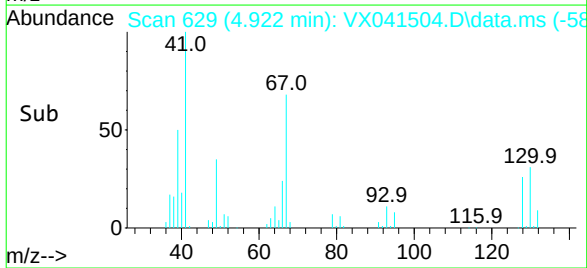
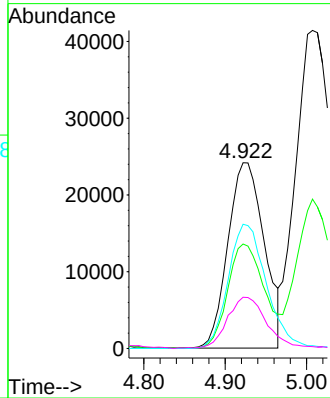
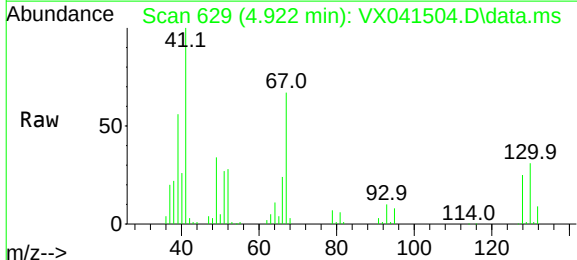
#41
Methacrylonitrile
Concen: 57.842 ug/l
RT: 4.922 min Scan# 629
Delta R.T. -0.006 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	75045
Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.2	67.8
67	70.7	52.6	78.8
52	30.3	22.7	34.1

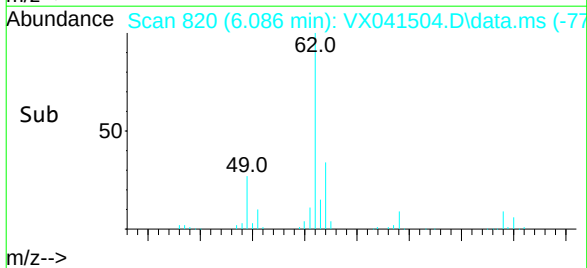
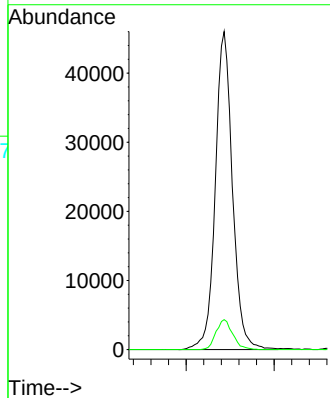
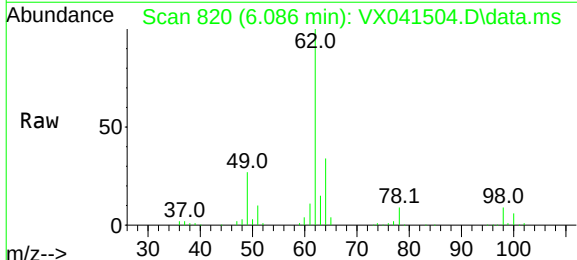
Manual Integrations
APPROVED

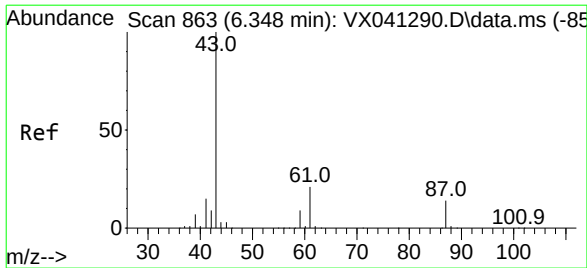
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#42
1,2-Dichloroethane
Concen: 54.576 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion:	62	Resp:	124571
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	16.0





#43

Isopropyl Acetate

Concen: 56.163 ug/l

RT: 6.342 min Scan# 863

Delta R.T. -0.006 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

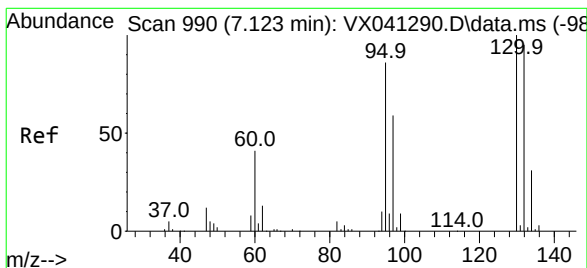
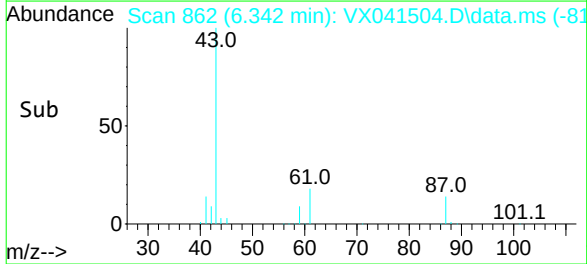
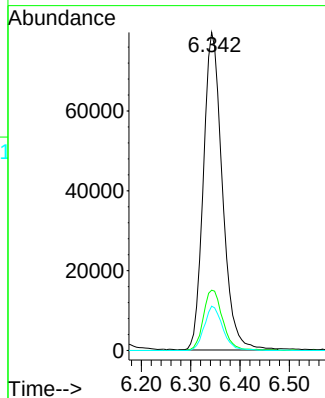
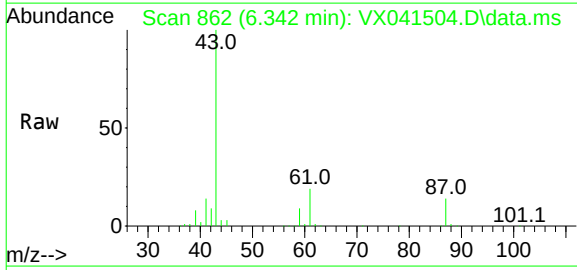
Tgt Ion:	43	Resp:	212866
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.2	22.8
87	13.6	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#44

Trichloroethene

Concen: 54.203 ug/l

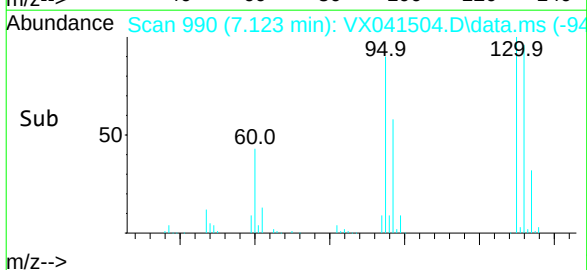
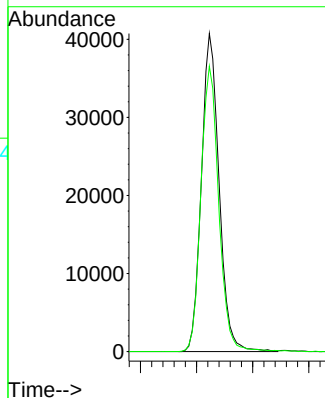
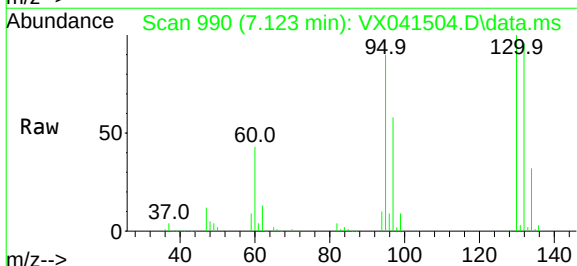
RT: 7.123 min Scan# 990

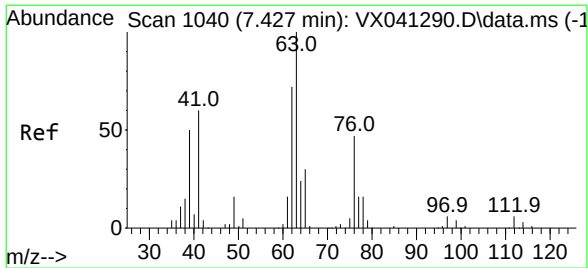
Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Tgt Ion:	130	Resp:	89142
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	204.4





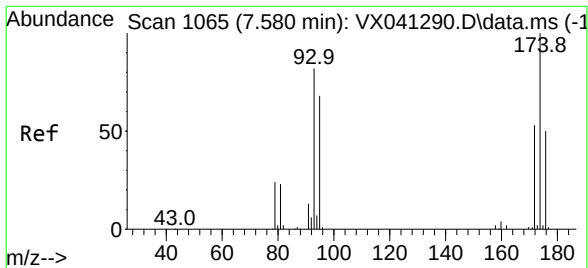
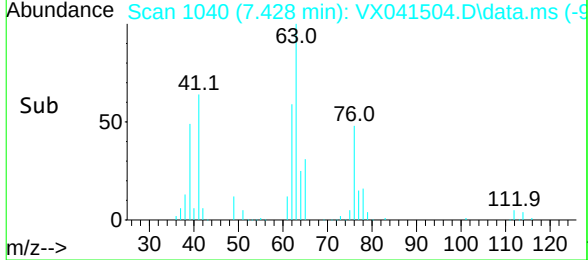
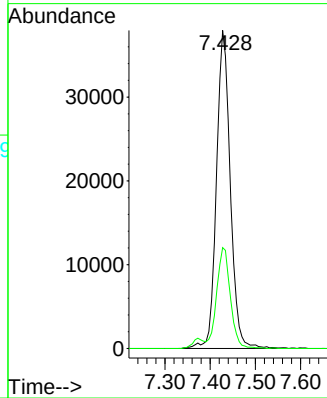
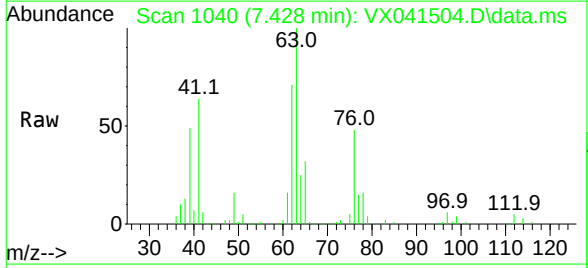
#45
1,2-Dichloropropane
Concen: 57.935 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 80618
Ion Ratio Lower Upper
63 100
65 31.7 24.3 36.5

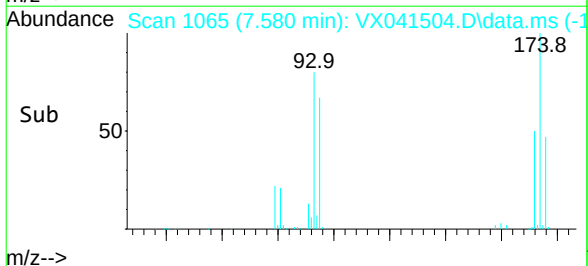
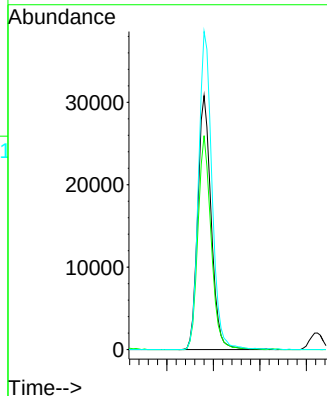
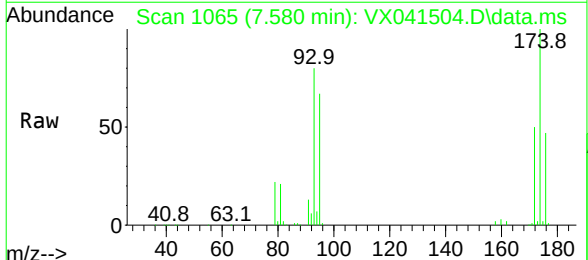
Manual Integrations
APPROVED

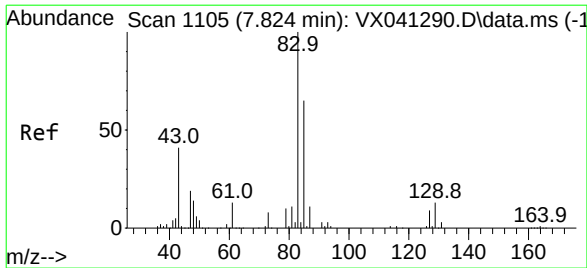
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#46
Dibromomethane
Concen: 55.656 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion: 93 Resp: 61653
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 124.7 69.4 104.0#





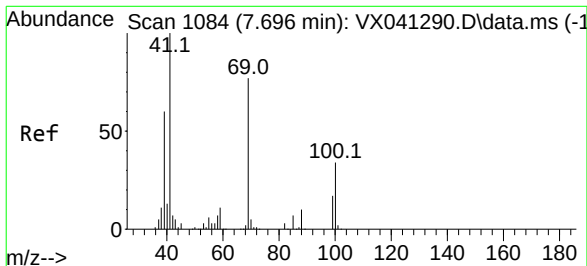
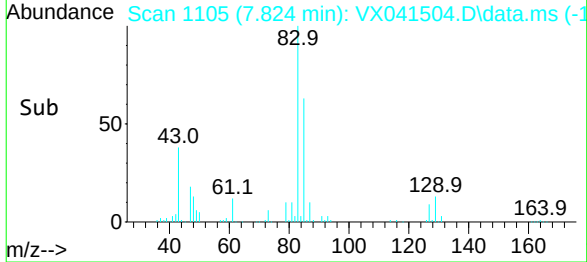
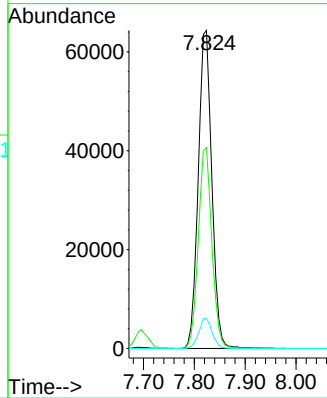
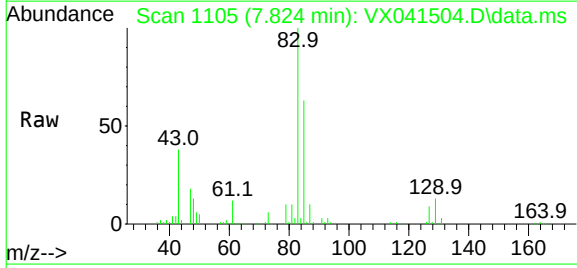
#47
Bromodichloromethane
Concen: 60.431 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 119292
Ion Ratio Lower Upper
83 100
85 63.1 49.8 74.6
127 9.4 7.1 10.7

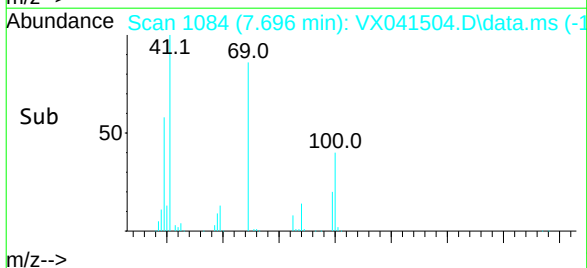
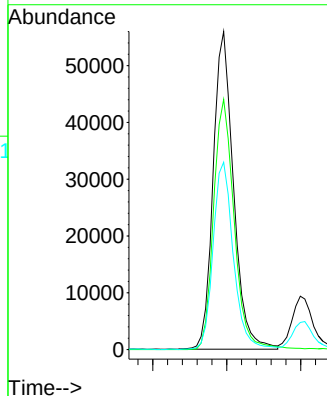
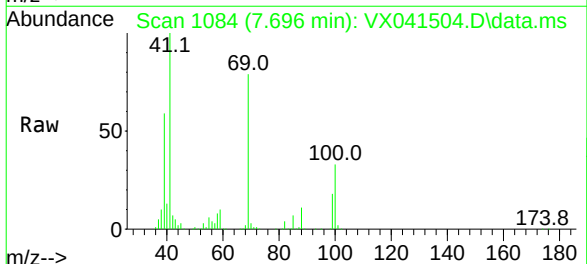
Manual Integrations
APPROVED

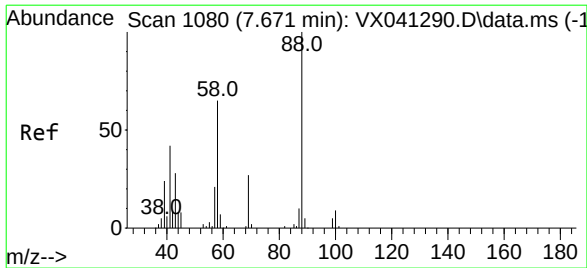
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#48
Methyl methacrylate
Concen: 61.484 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

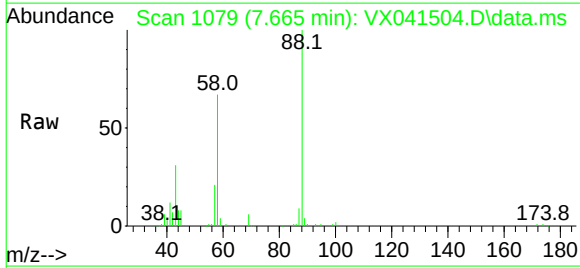
Tgt Ion: 41 Resp: 106826
Ion Ratio Lower Upper
41 100
69 79.8 59.2 88.8
39 59.0 47.7 71.5





#49
1,4-Dioxane
Concen: 1436.142 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

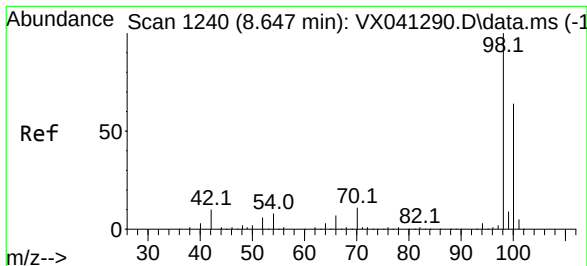
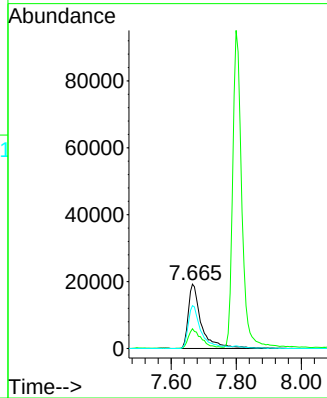
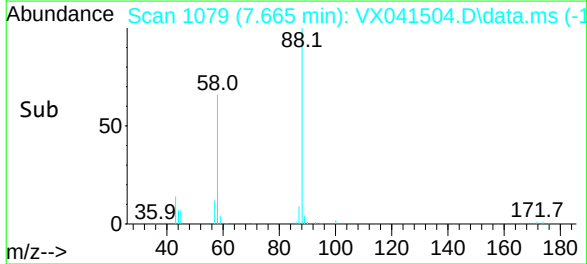
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 53948
Ion Ratio Lower Upper
88 100
43 31.3 0.0 0.0#
58 64.4 60.1 90.1

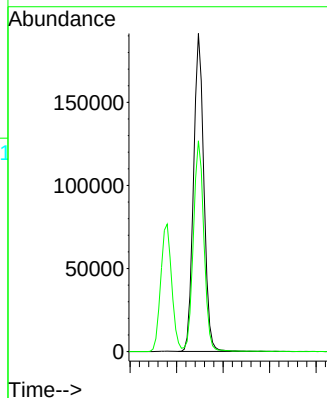
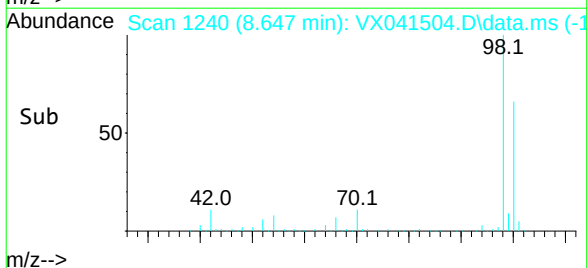
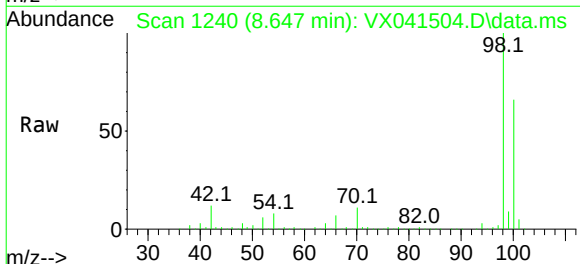
Manual Integrations
APPROVED

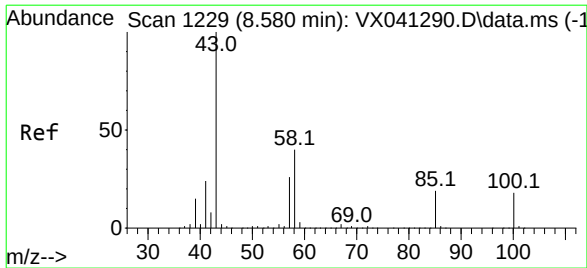
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#50
Toluene-d8
Concen: 55.195 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion: 98 Resp: 295165
Ion Ratio Lower Upper
98 100
100 67.4 53.1 79.7





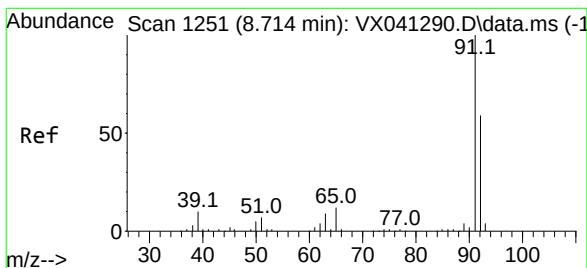
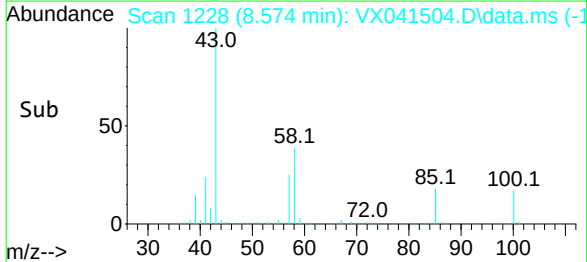
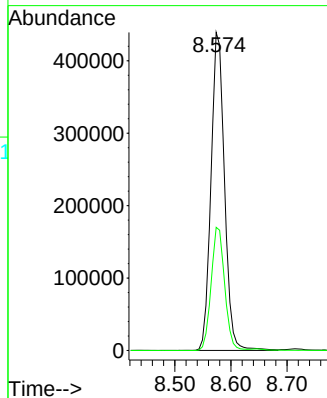
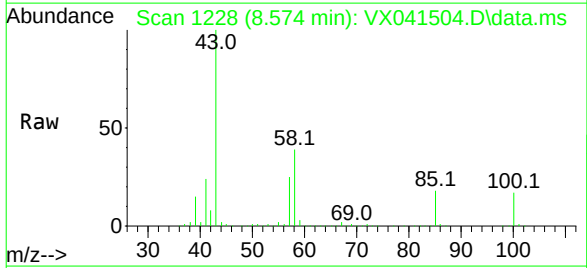
#51
4-Methyl-2-Pentanone
Concen: 322.541 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 733557
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

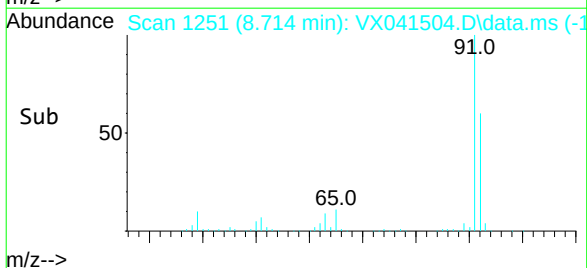
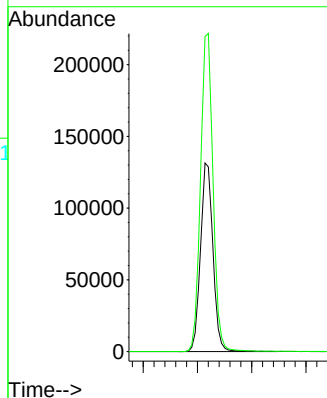
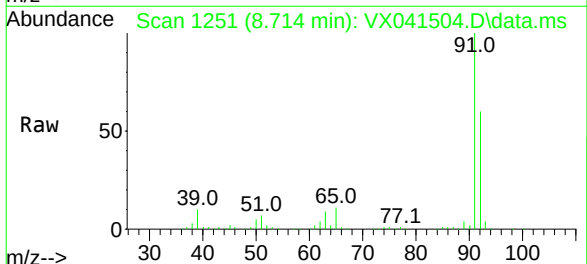
Manual Integrations
APPROVED

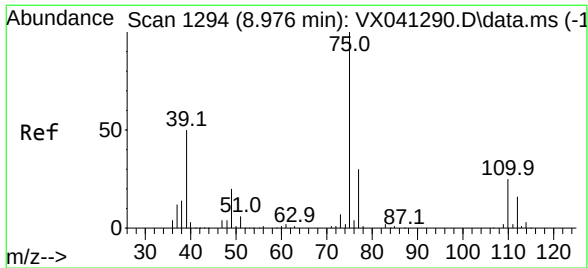
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#52
Toluene
Concen: 54.927 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

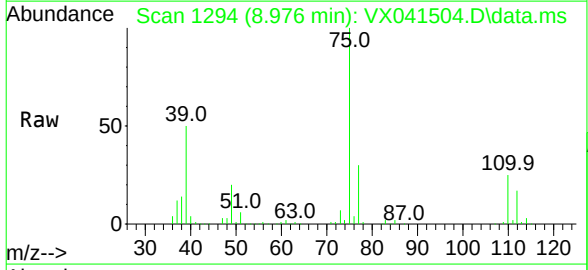
Tgt Ion: 92 Resp: 209265
Ion Ratio Lower Upper
92 100
91 170.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 51.173 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

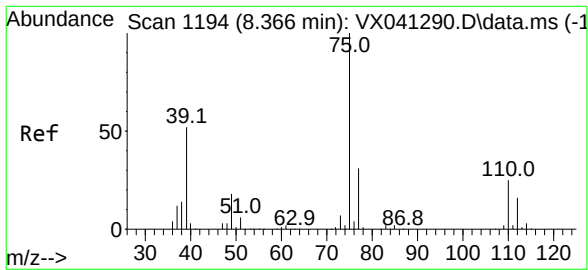
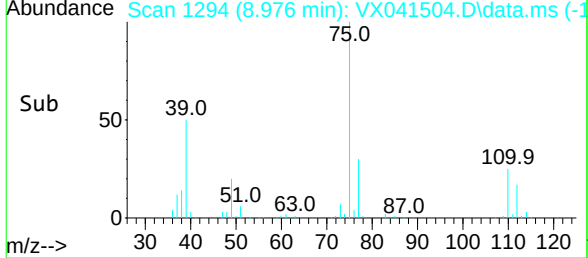
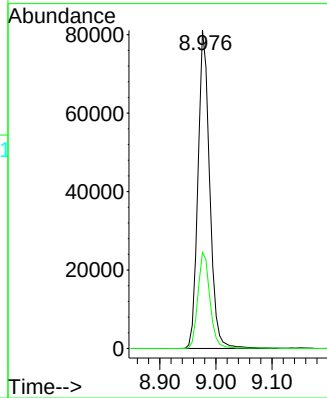
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 117567
Ion Ratio Lower Upper
75 100
77 30.2 25.7 38.5

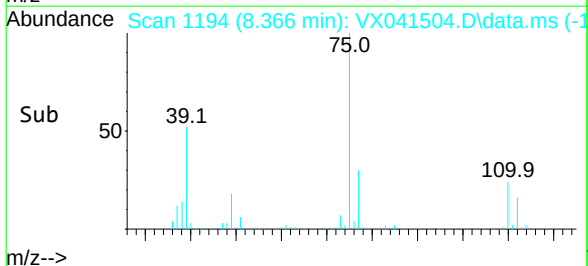
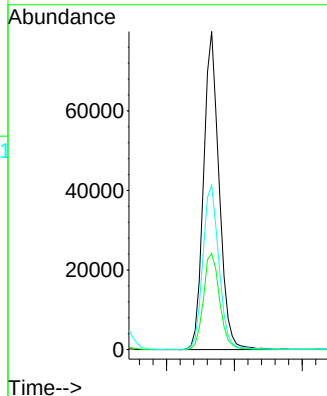
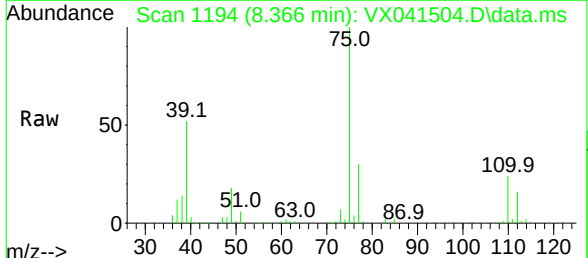
Manual Integrations
APPROVED

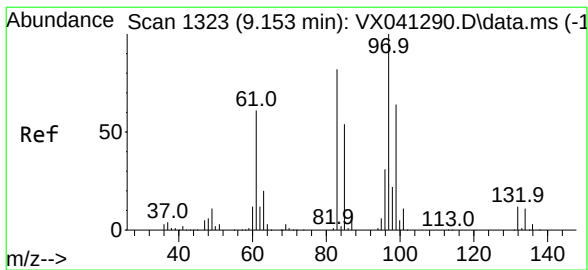
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#54
cis-1,3-Dichloropropene
Concen: 58.630 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

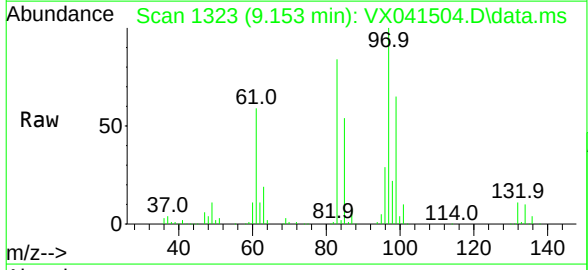
Tgt Ion: 75 Resp: 127237
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9
39 51.6 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 60.559 ug/l
RT: 9.153 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

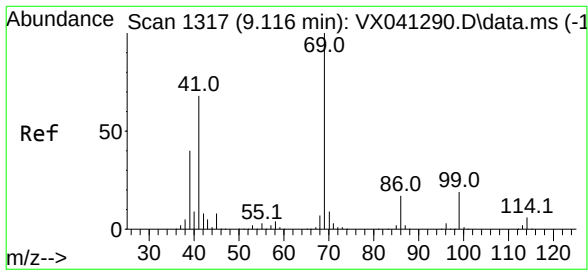
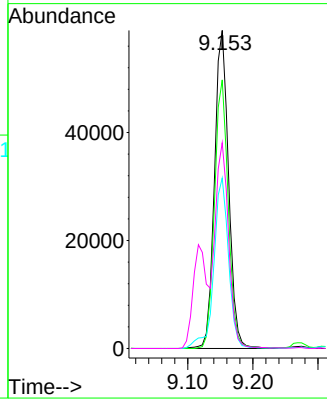
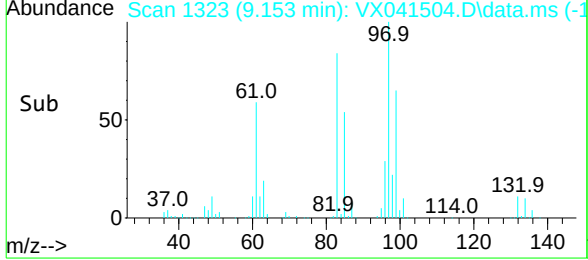
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	65.8	98.8
85	53.6	41.6	62.4
99	64.7	47.8	71.8

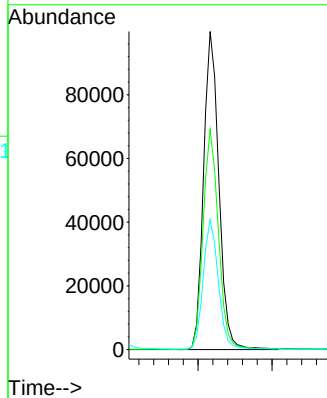
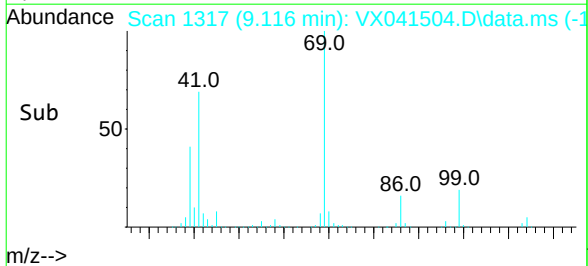
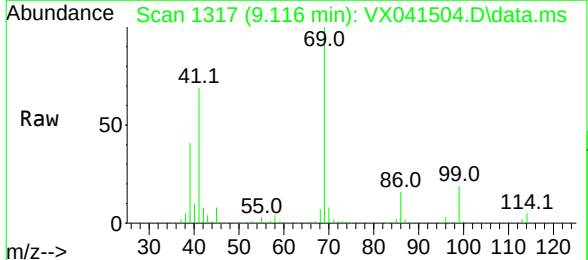
Manual Integrations
APPROVED

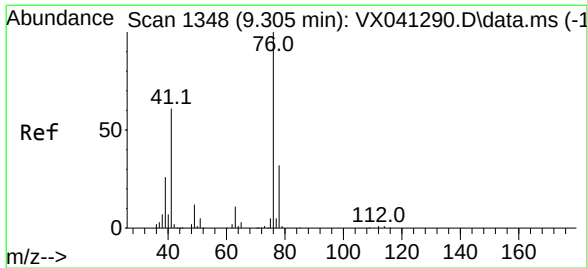
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#56
Ethyl methacrylate
Concen: 63.177 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

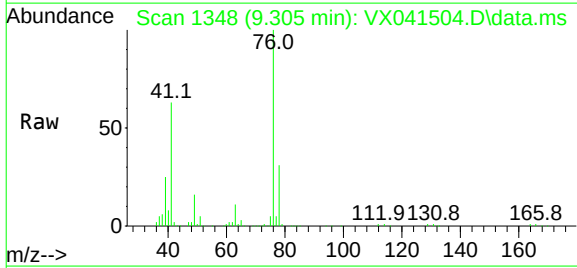
Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.5	56.8	85.2
39	40.2	32.0	48.0





#57
1,3-Dichloropropane
Concen: 58.777 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

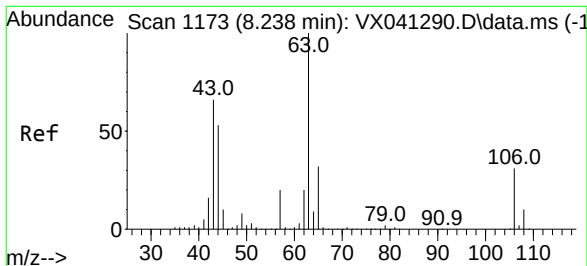
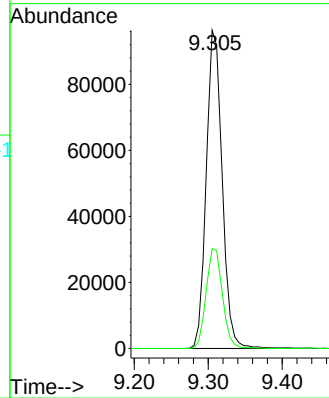
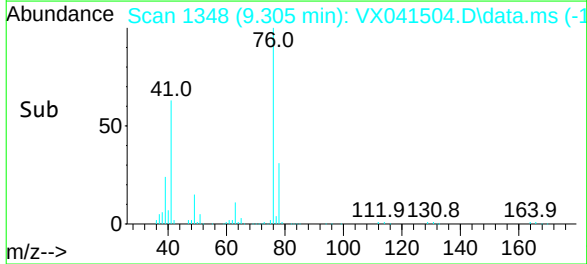
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 143928
Ion Ratio Lower Upper
76 100
78 32.3 26.1 39.1

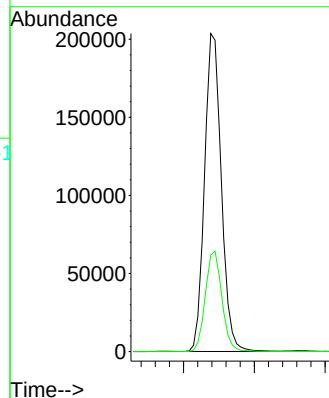
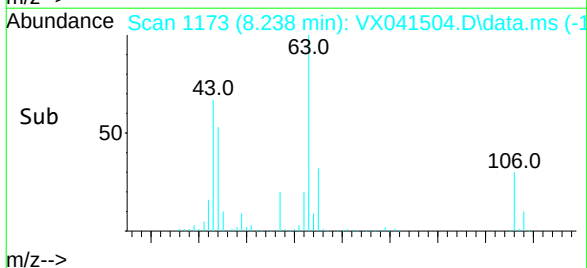
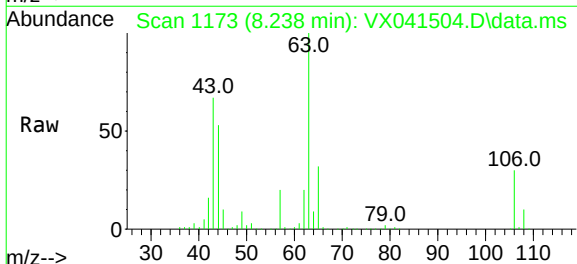
Manual Integrations
APPROVED

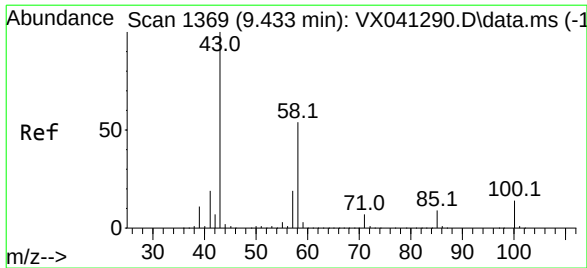
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 304.746 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion: 63 Resp: 335532
Ion Ratio Lower Upper
63 100
106 31.3 22.5 33.7





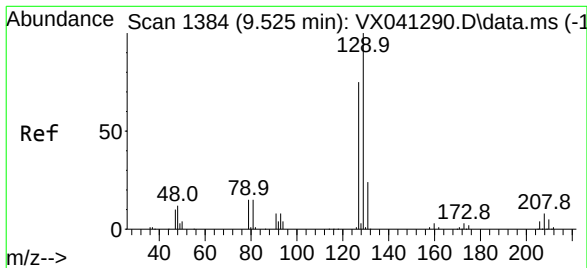
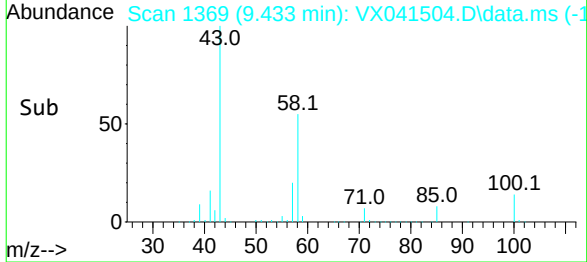
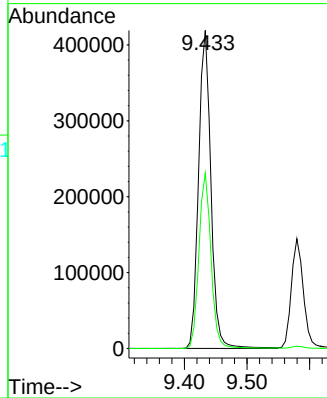
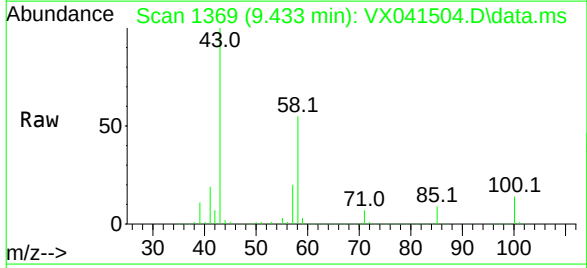
#59
2-Hexanone
Concen: 315.210 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 573246
Ion Ratio Lower Upper
43 100
58 54.4 26.2 78.5

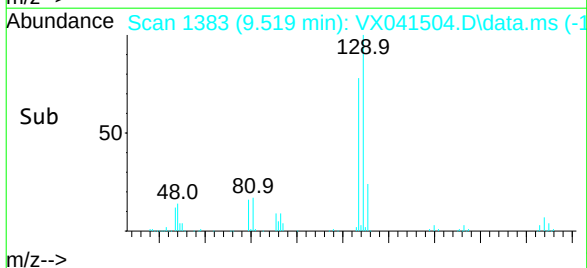
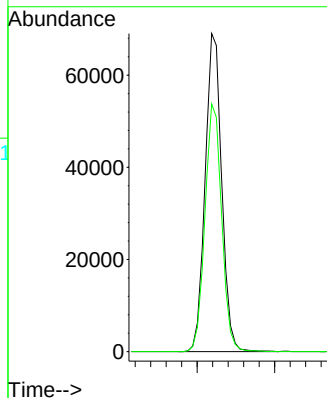
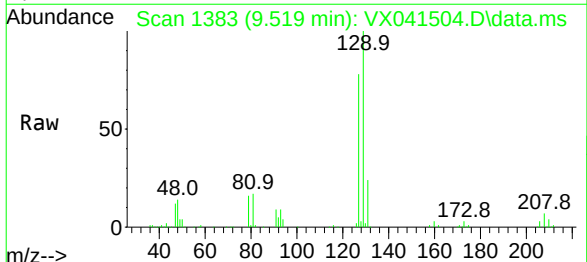
Manual Integrations
APPROVED

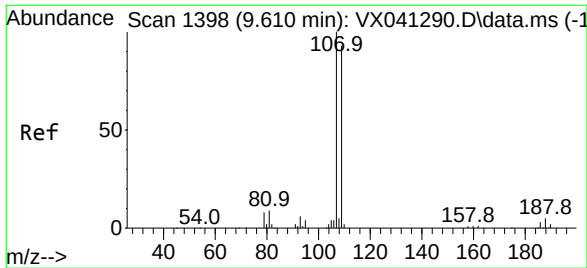
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#60
Dibromochloromethane
Concen: 59.271 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

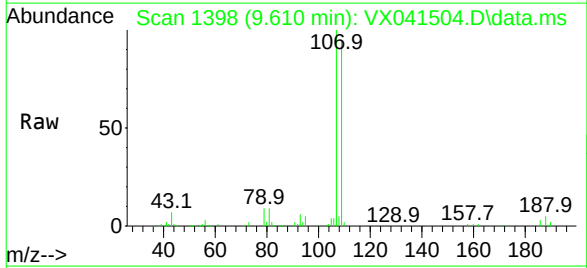
Tgt Ion:129 Resp: 102377
Ion Ratio Lower Upper
129 100
127 78.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.820 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

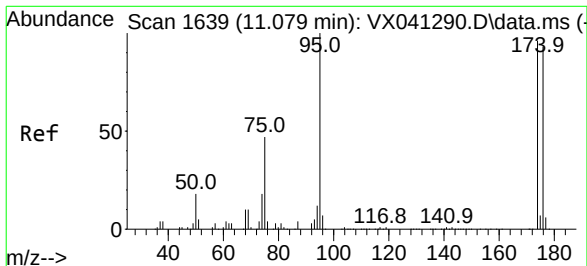
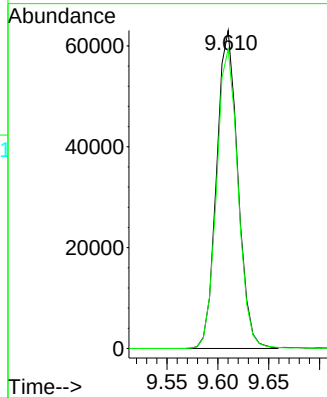
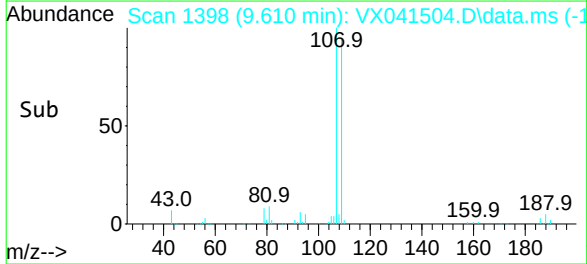
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



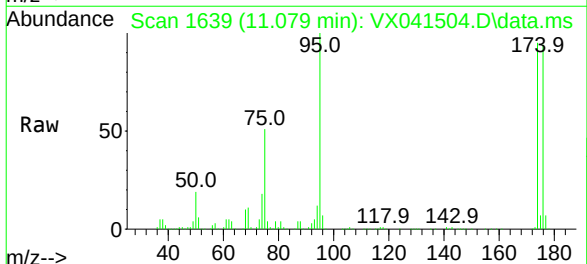
Tgt Ion:107 Resp: 91717
Ion Ratio Lower Upper
107 100
109 95.3 75.2 112.8

Manual Integrations
APPROVED

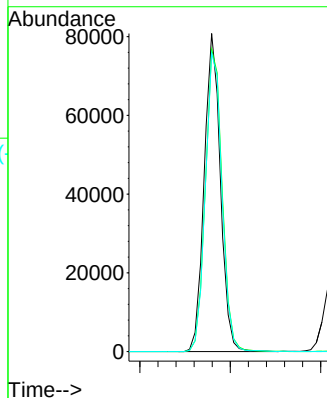
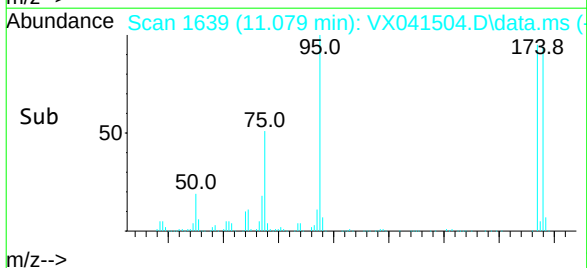
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

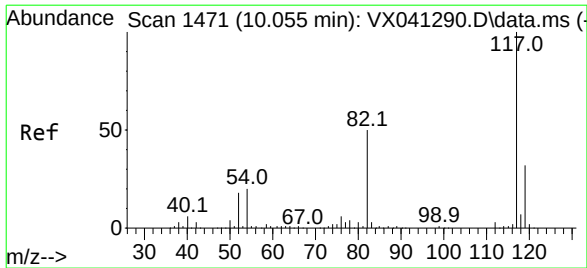


#62
4-Bromofluorobenzene
Concen: 48.454 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40



Tgt Ion: 95 Resp: 100305
Ion Ratio Lower Upper
95 100
174 98.5 0.0 135.6
176 96.5 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: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

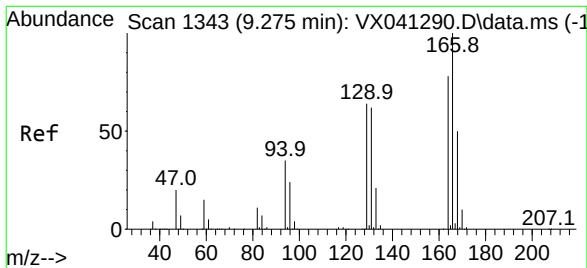
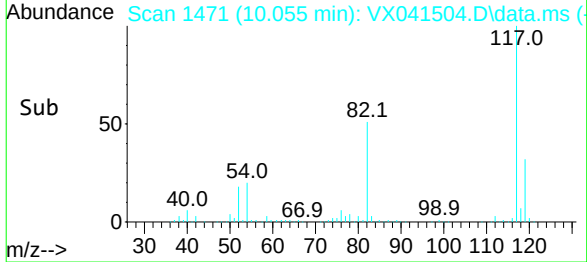
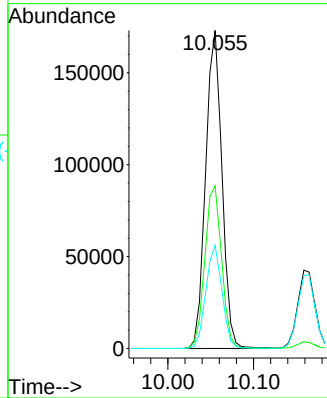
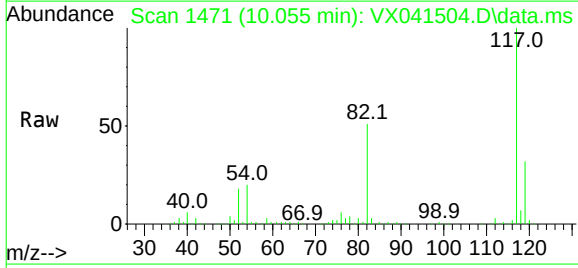
Tgt Ion:	117	Resp:	229083
Ion	Ratio	Lower	Upper
117	100		
82	51.1	46.2	69.4
119	32.4	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#64

Tetrachloroethene

Concen: 51.246 ug/l

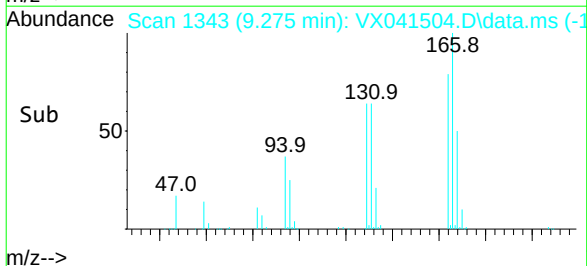
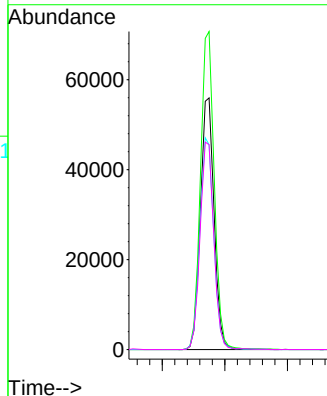
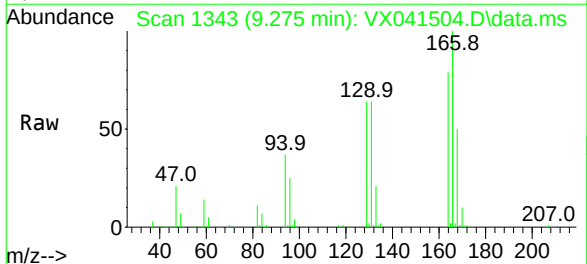
RT: 9.275 min Scan# 1343

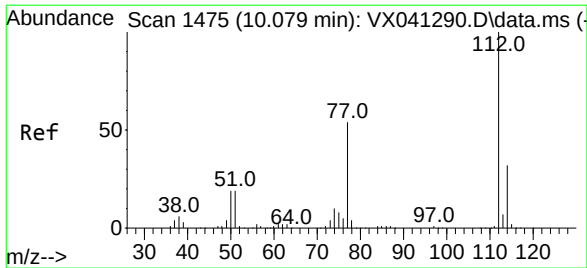
Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Tgt Ion:	164	Resp:	85010
Ion	Ratio	Lower	Upper
164	100		
166	126.4	102.7	154.1
129	81.4	80.4	120.6
131	81.4	76.5	114.7





#65

Chlorobenzene

Concen: 53.523 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 248905

Ion Ratio Lower Upper

112 100

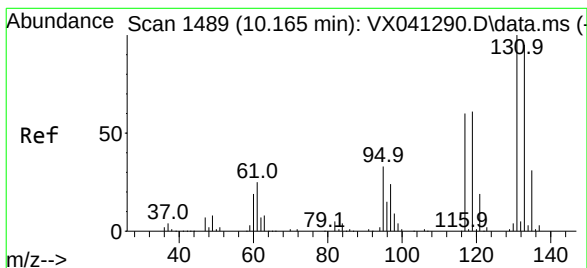
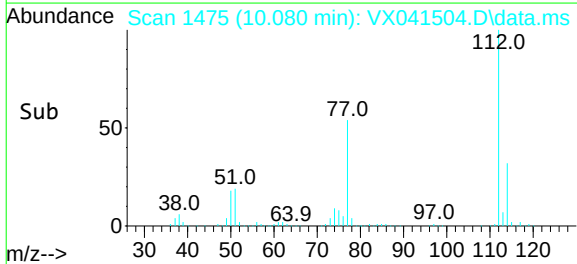
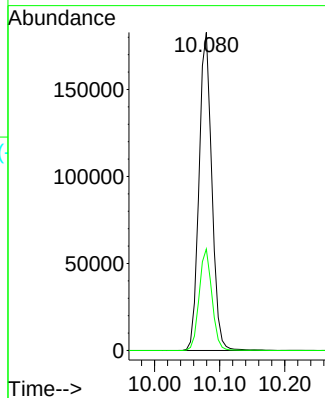
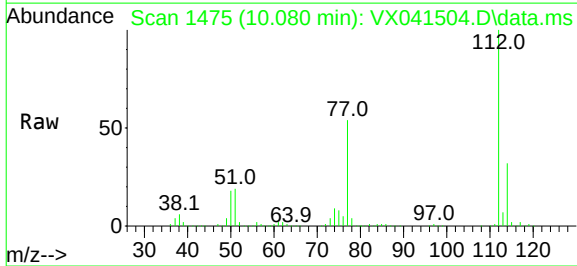
114 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 54.910 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

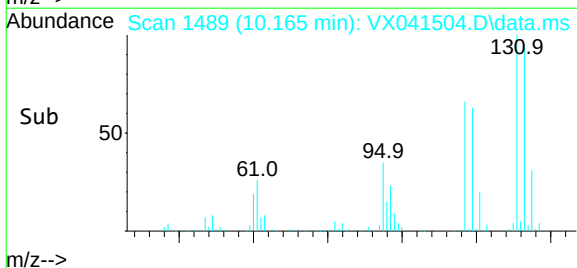
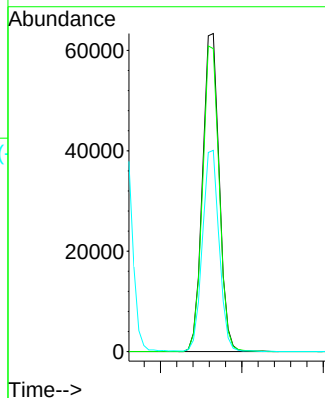
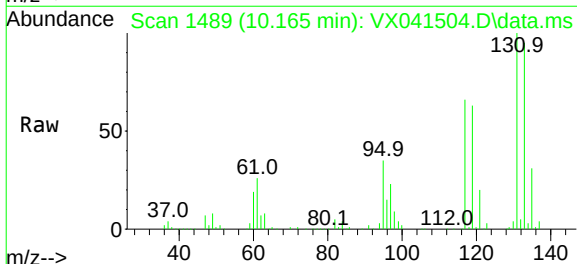
Tgt Ion:131 Resp: 90228

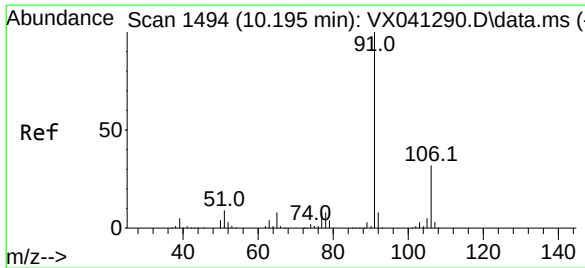
Ion Ratio Lower Upper

131 100

133 95.6 47.1 141.4

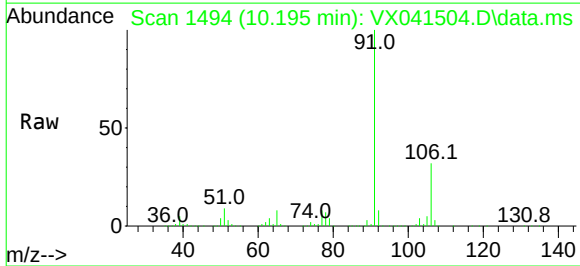
119 63.3 32.2 96.6





#67
Ethyl Benzene
Concen: 53.122 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

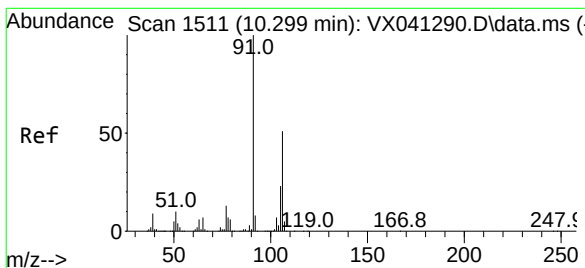
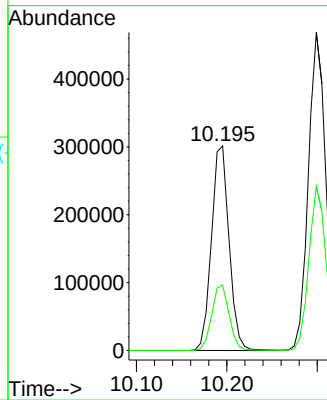
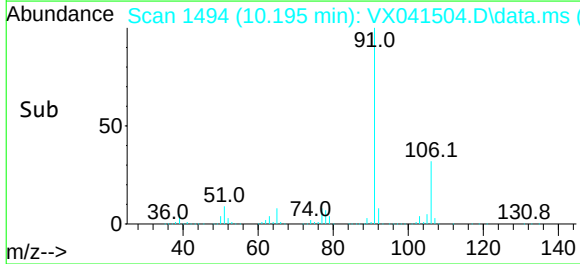
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 407585
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

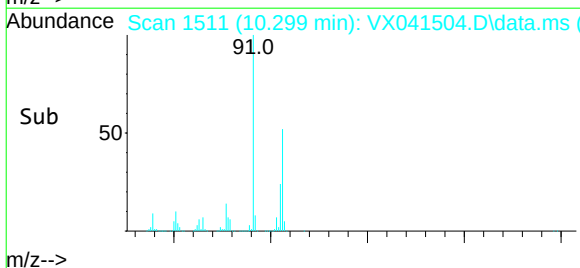
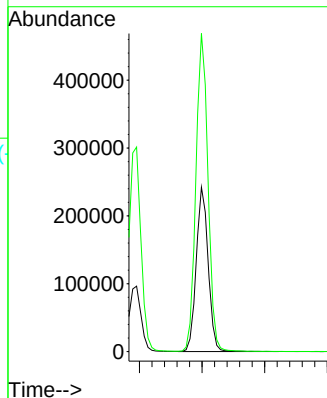
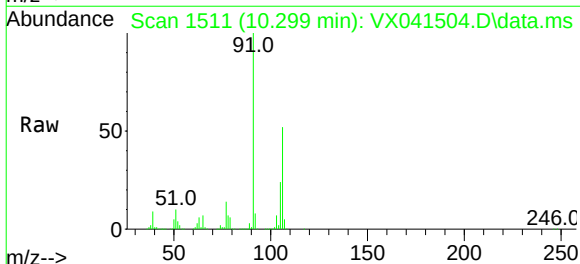
Manual Integrations
APPROVED

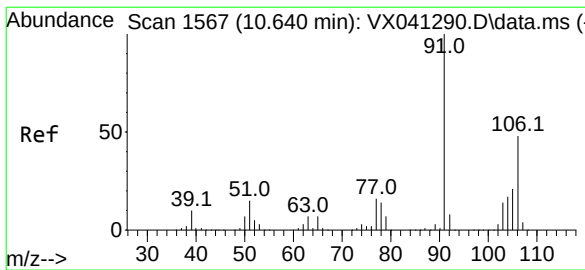
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#68
m/p-Xylenes
Concen: 104.171 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion:106 Resp: 320067
Ion Ratio Lower Upper
106 100
91 196.2 165.5 248.3





#69

o-Xylene

Concen: 54.619 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 160684

Ion Ratio Lower Upper

106 100

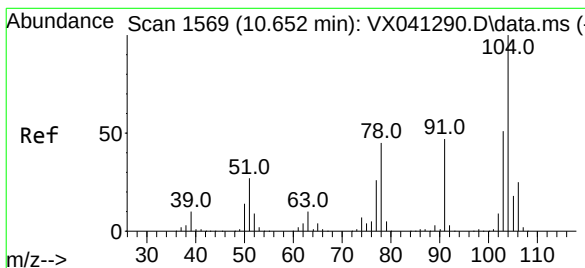
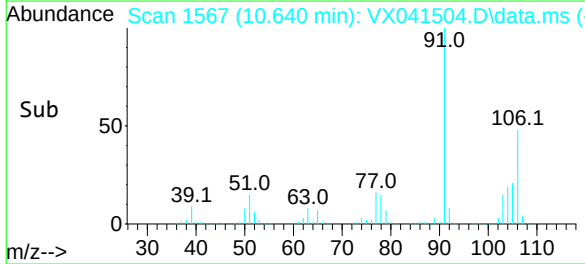
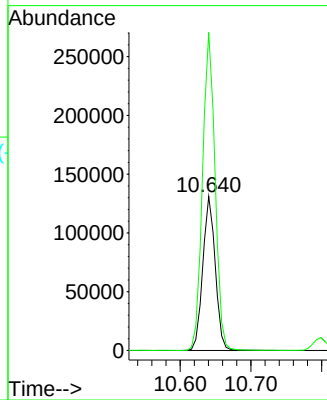
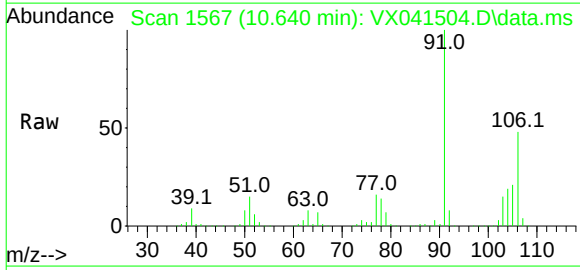
91 207.6 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#70

Styrene

Concen: 56.387 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

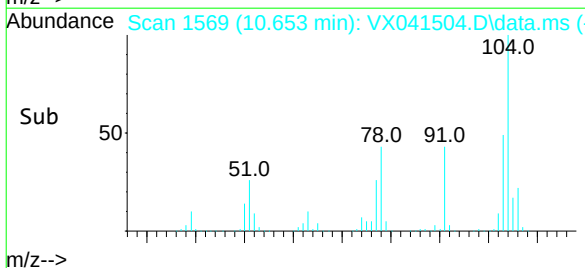
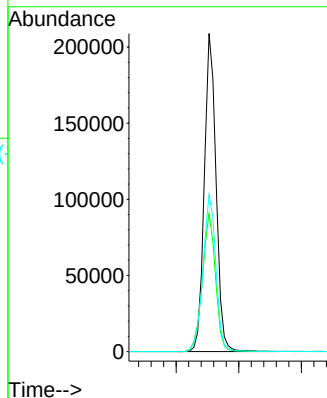
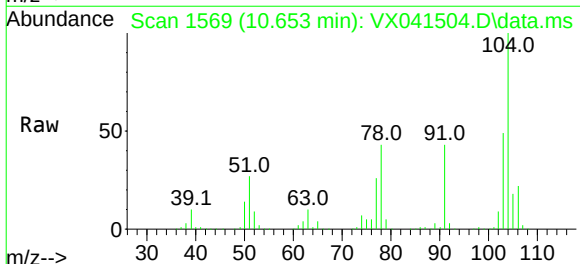
Tgt Ion:104 Resp: 272203

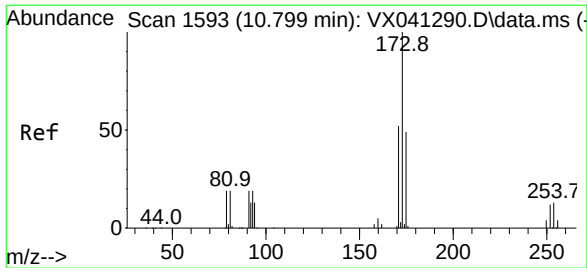
Ion Ratio Lower Upper

104 100

78 48.1 43.6 65.4

103 54.1 43.6 65.4





#71

Bromoform

Concen: 51.096 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

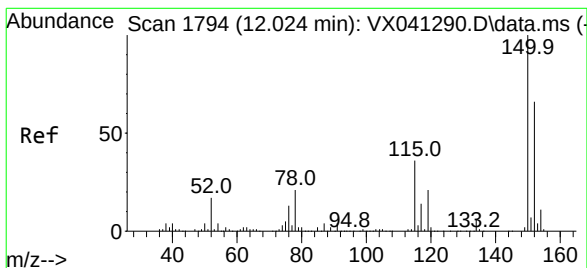
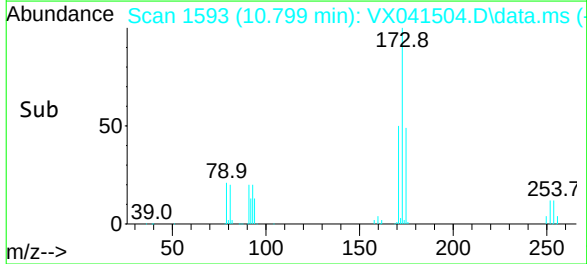
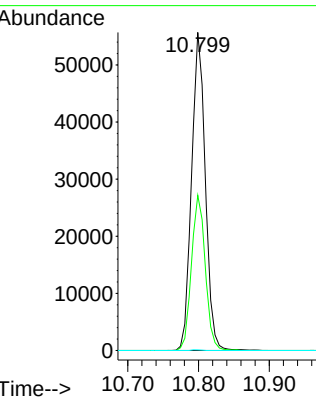
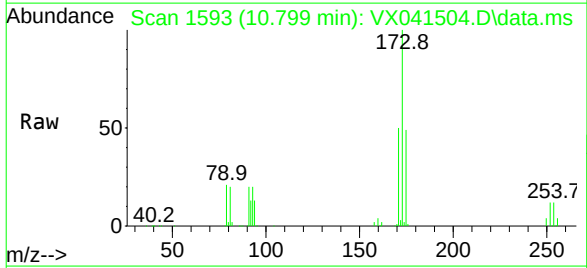
Tgt Ion	173	Resp	75140
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.1	72.4
254	0.1	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

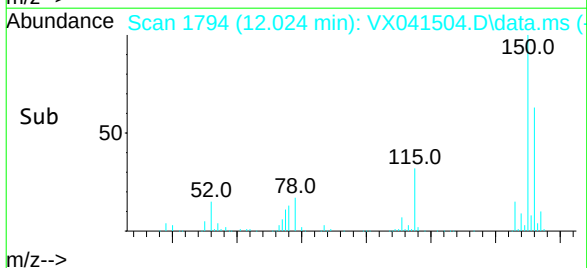
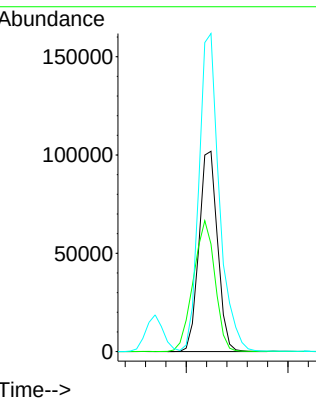
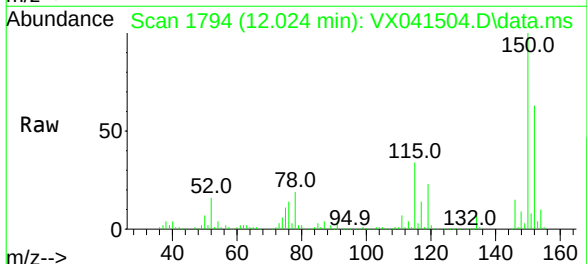
RT: 12.024 min Scan# 1794

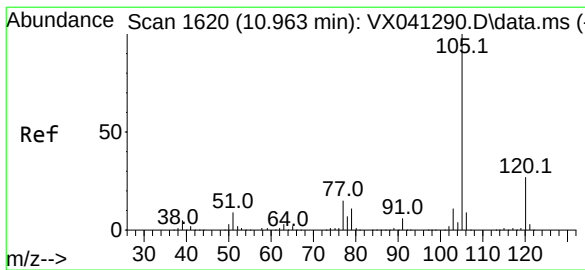
Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Tgt Ion	152	Resp	129107
Ion Ratio	Lower	Upper	
152	100		
115	76.5	43.3	129.9
150	173.6	0.0	345.0





#73

Isopropylbenzene

Concen: 48.897 ug/l

RT: 10.964 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 385353

Ion Ratio Lower Upper

105 100

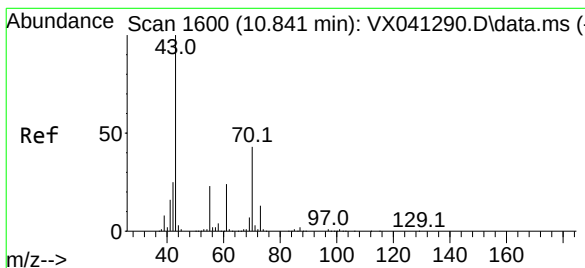
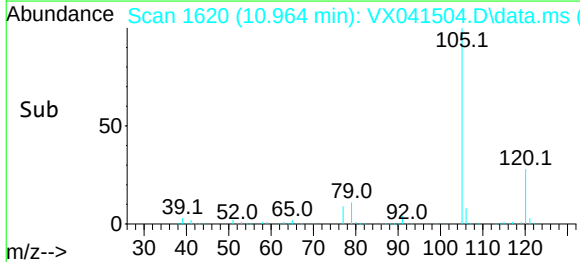
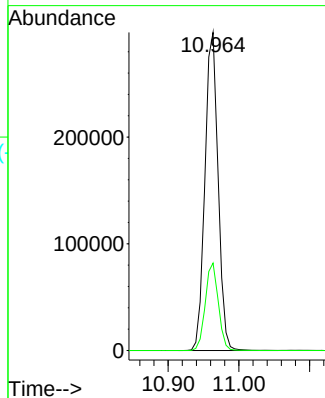
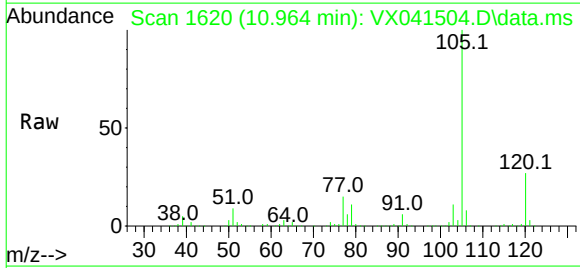
120 27.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#74

N-ethyl acetate

Concen: 50.433 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Tgt Ion: 43 Resp: 173647

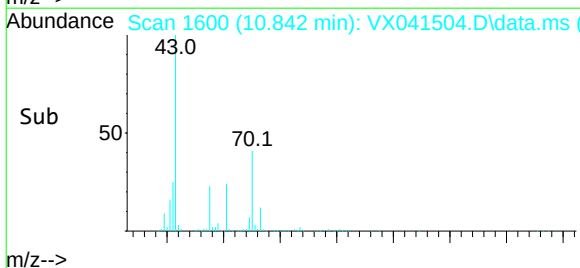
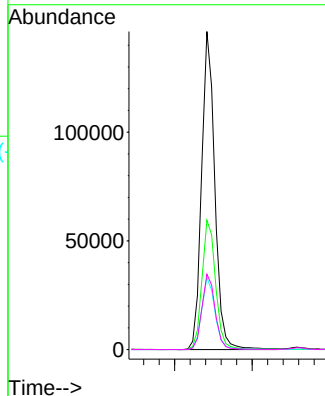
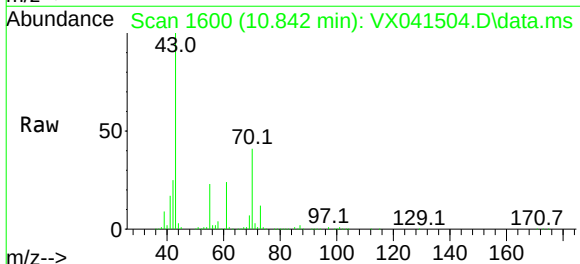
Ion Ratio Lower Upper

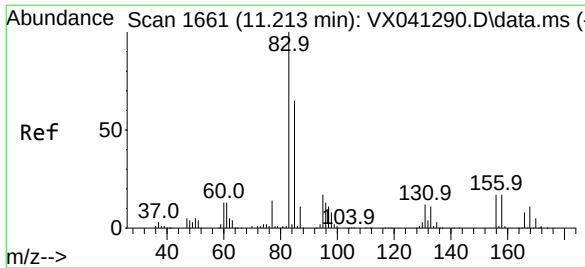
43 100

70 42.0 32.9 49.3

55 23.1 19.3 28.9

61 23.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.726 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

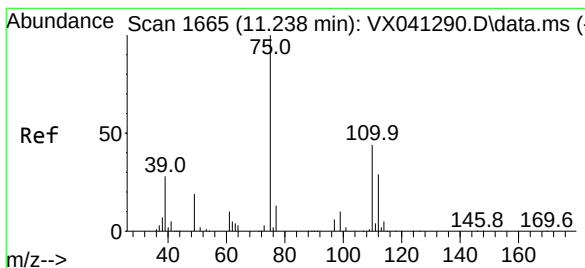
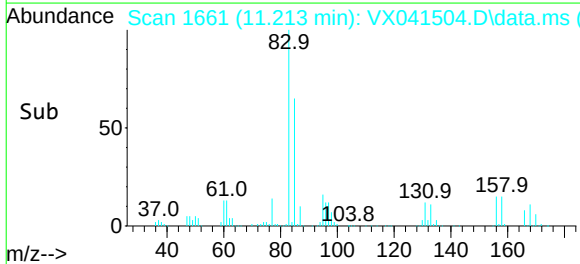
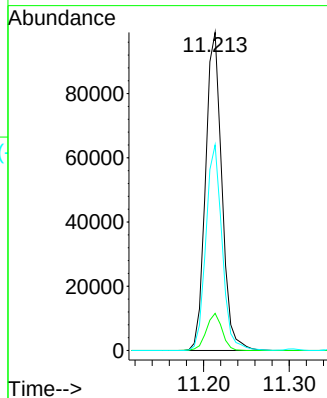
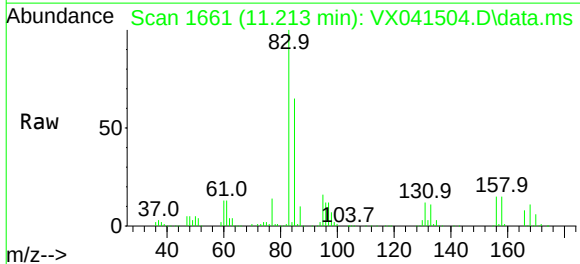
Tgt Ion:	83	Resp:	130996
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.3	15.8
85	64.2	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#76

1,2,3-Trichloropropane

Concen: 51.113 ug/l m

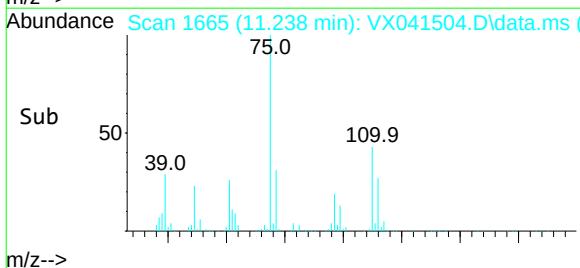
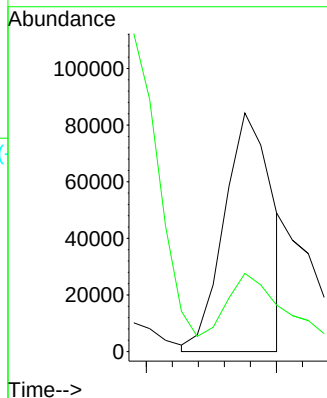
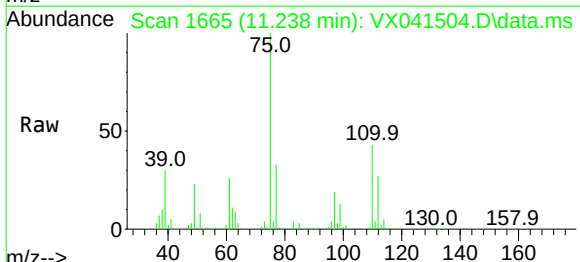
RT: 11.238 min Scan# 1665

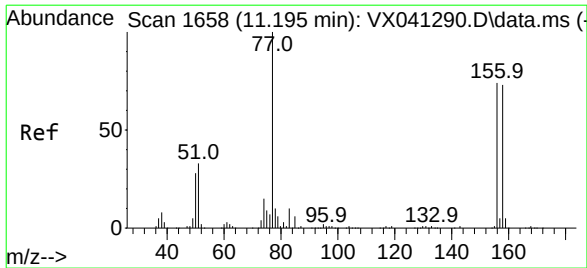
Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Tgt Ion:	75	Resp:	107543
Ion	Ratio	Lower	Upper
75	100		
77	43.5	19.1	57.5





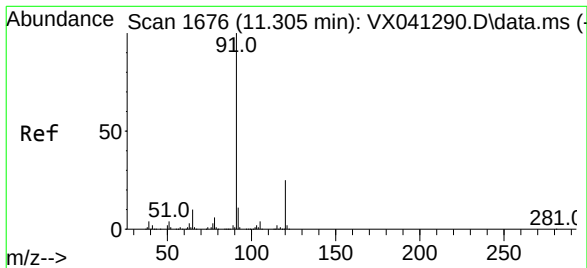
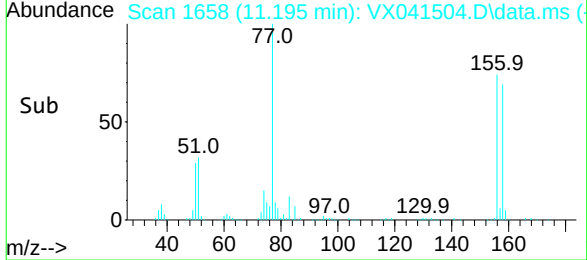
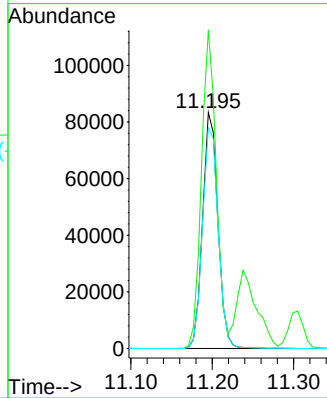
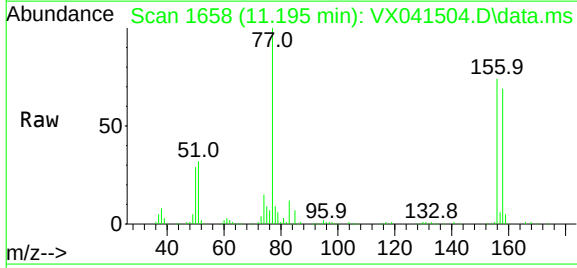
#77
Bromobenzene
Concen: 48.668 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 108253
Ion Ratio Lower Upper
156 100
77 131.5 88.4 265.3
158 96.4 48.0 144.0

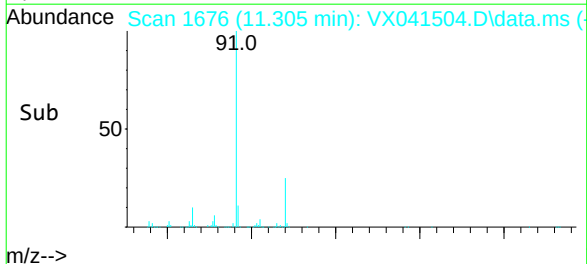
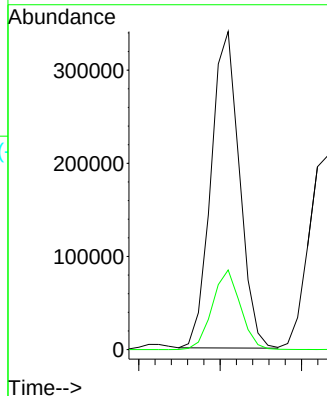
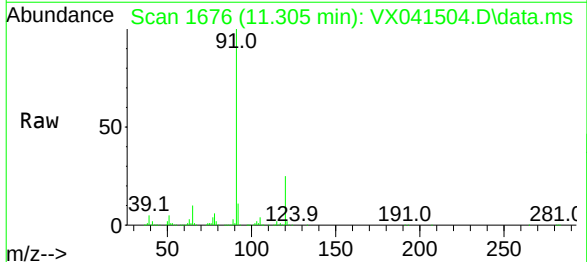
Manual Integrations
APPROVED

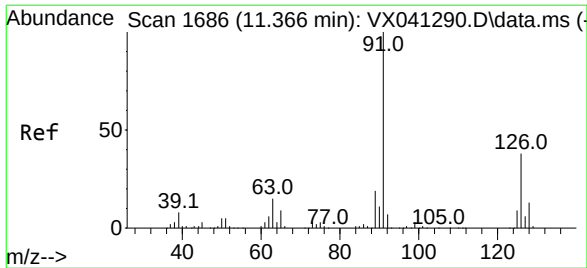
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#78
n-propylbenzene
Concen: 49.991 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion: 91 Resp: 413793
Ion Ratio Lower Upper
91 100
120 24.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.942 ug/l

RT: 11.366 min Scan# 16

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 266395

Ion Ratio Lower Upper

91 100

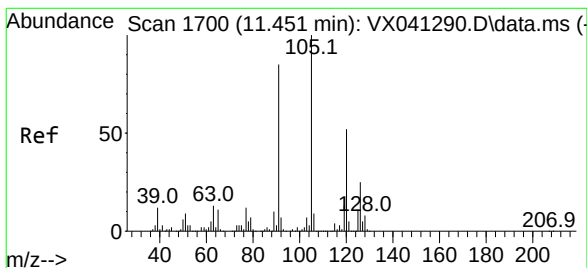
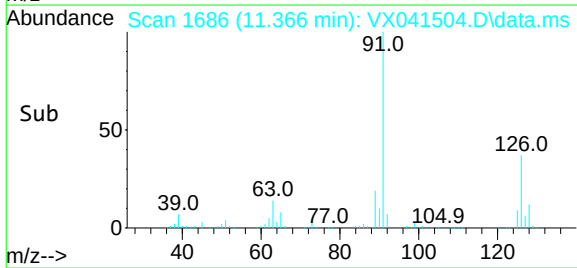
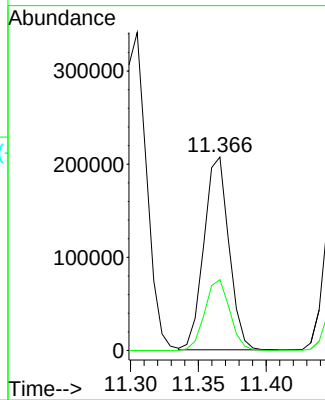
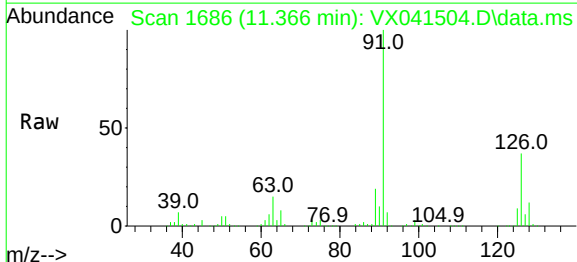
126 36.6 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 48.398 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041504.D

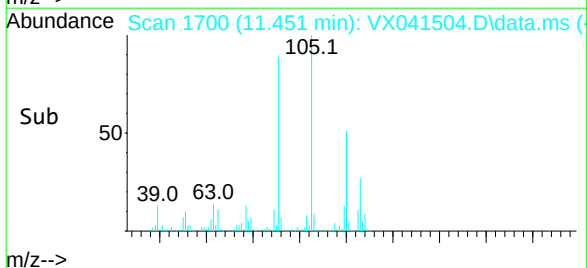
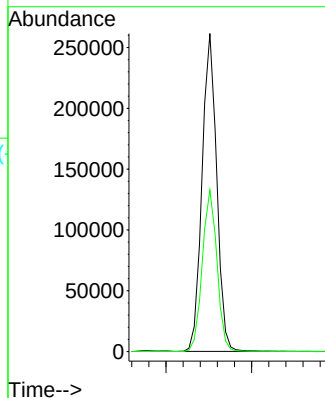
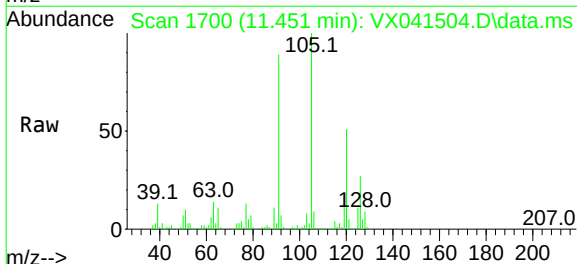
Acq: 13 May 2024 19:40

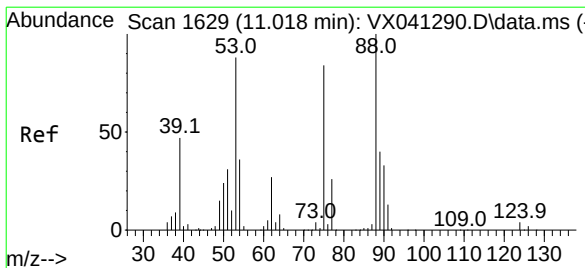
Tgt Ion:105 Resp: 310933

Ion Ratio Lower Upper

105 100

120 50.9 24.1 72.3





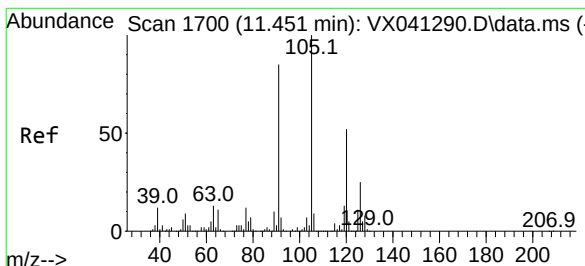
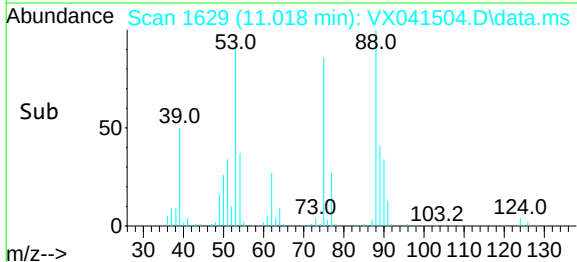
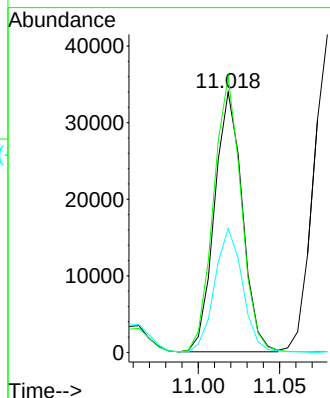
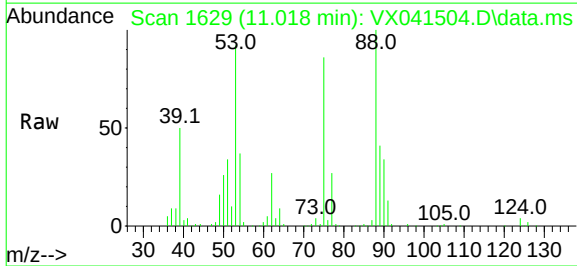
#81
trans-1,4-Dichloro-2-butene
Concen: 52.259 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.7	90.5	135.7
89	48.0	36.9	55.3

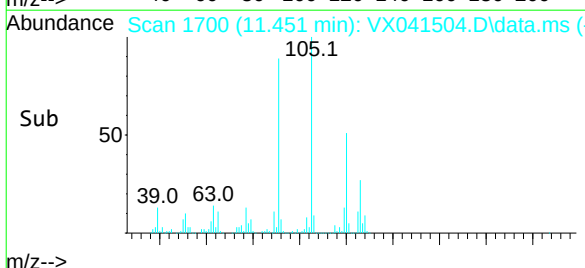
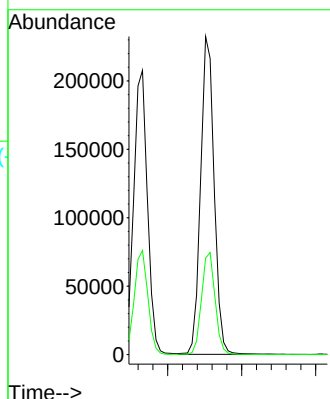
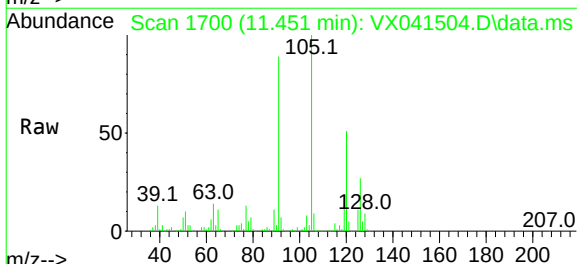
Manual Integrations
APPROVED

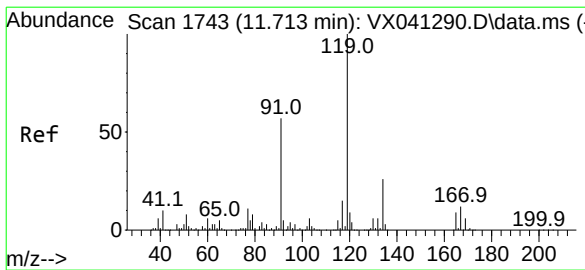
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#82
4-Chlorotoluene
Concen: 48.678 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	14.2	42.6





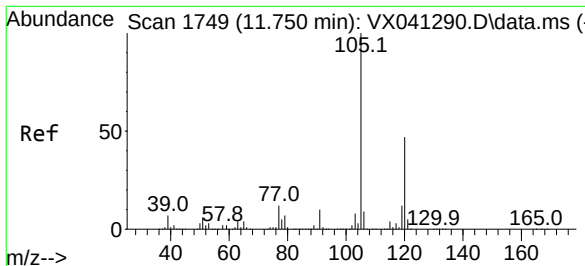
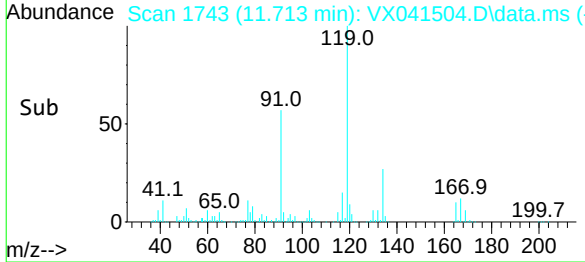
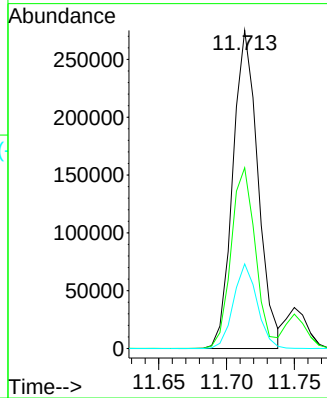
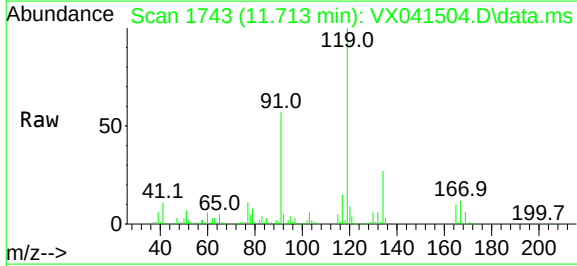
#83
tert-Butylbenzene
Concen: 51.502 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	55.1	31.2	93.6
134	25.0	11.7	35.0

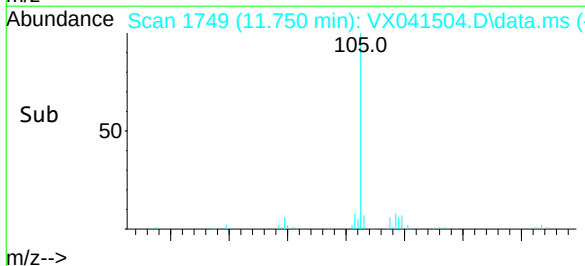
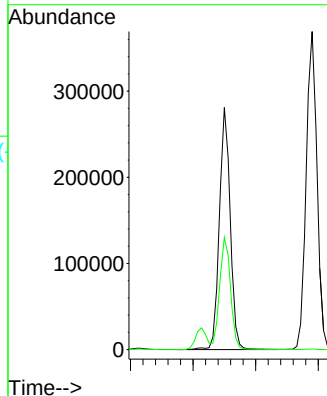
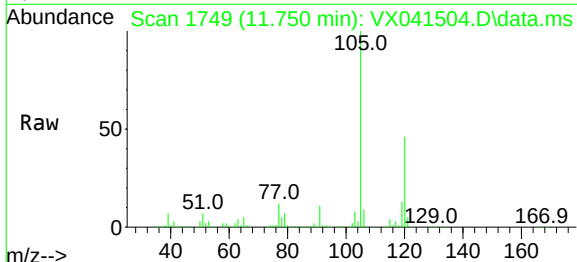
Manual Integrations
APPROVED

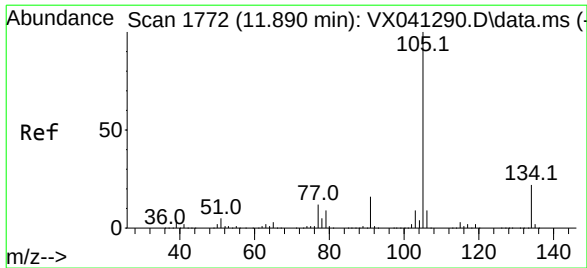
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#84
1,2,4-Trimethylbenzene
Concen: 52.334 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

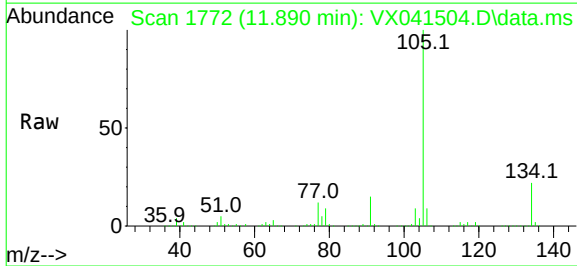
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	21.2	63.6





#85
sec-Butylbenzene
Concen: 56.255 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

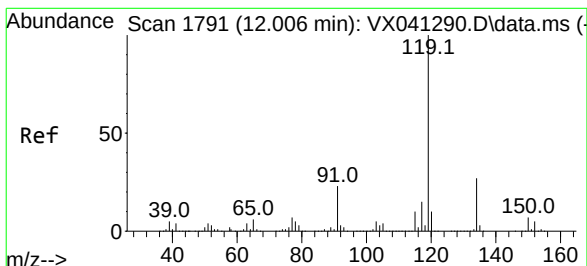
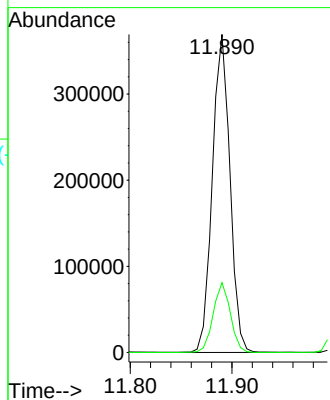
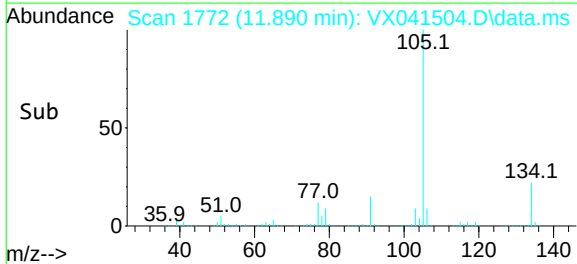
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 443522
Ion Ratio Lower Upper
105 100
134 21.5 9.8 29.4

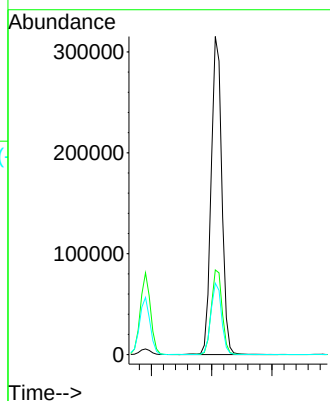
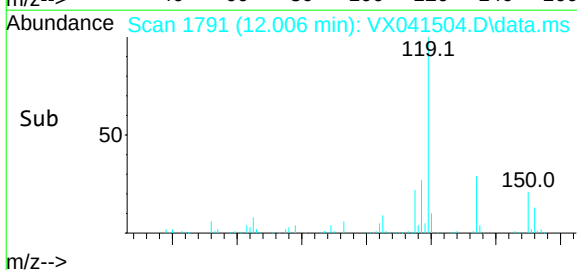
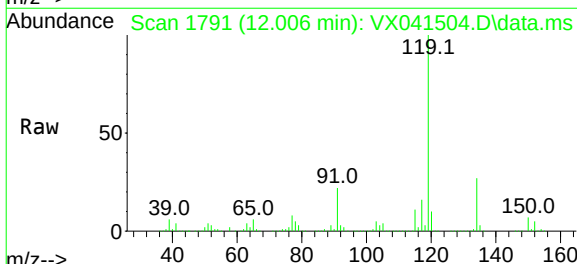
Manual Integrations
APPROVED

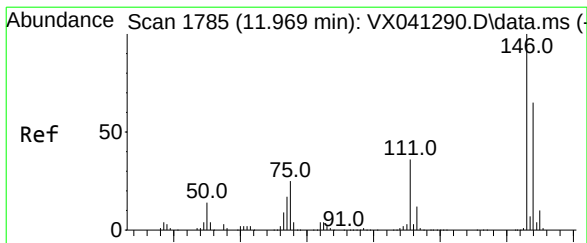
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#86
p-Isopropyltoluene
Concen: 54.730 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

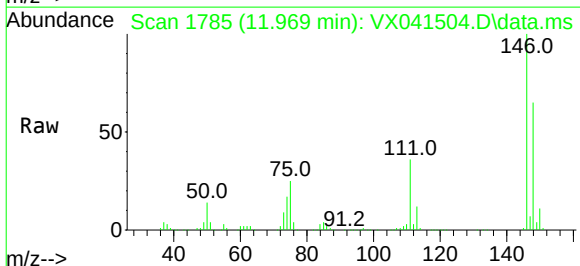
Tgt Ion:119 Resp: 387538
Ion Ratio Lower Upper
119 100
134 27.0 12.8 38.3
91 22.6 13.1 39.3





#87
1,3-Dichlorobenzene
Concen: 53.617 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

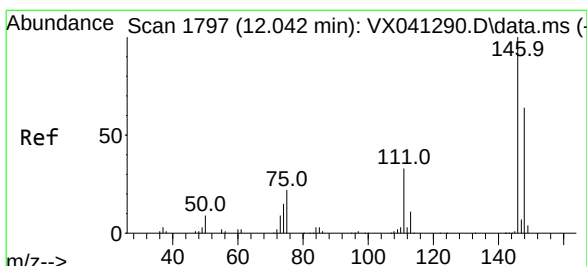
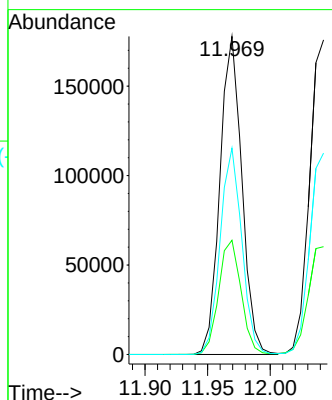
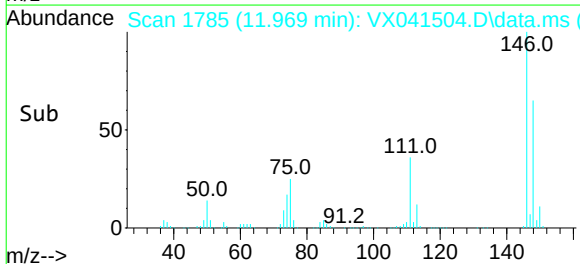
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 216771
Ion Ratio Lower Upper
146 100
111 36.8 22.1 66.1
148 64.3 31.8 95.3

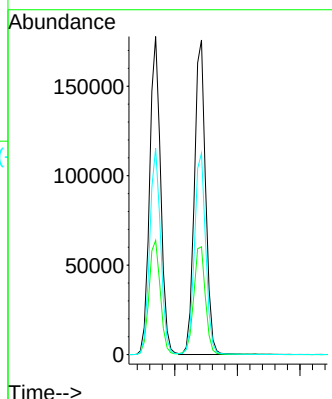
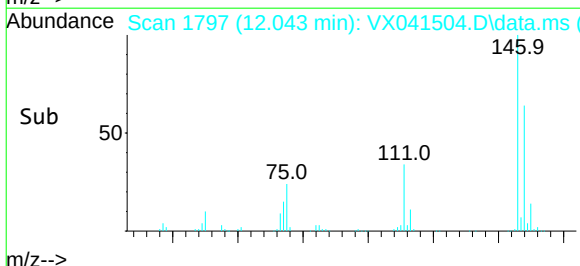
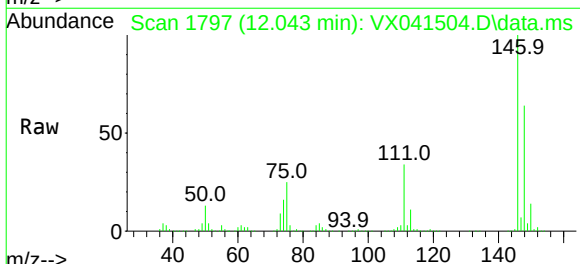
Manual Integrations
APPROVED

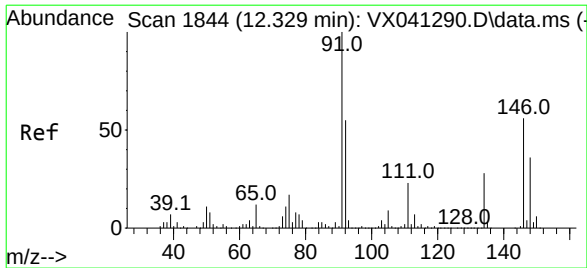
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#88
1,4-Dichlorobenzene
Concen: 52.586 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX041504.D
Acq: 13 May 2024 19:40

Tgt Ion:146 Resp: 219043
Ion Ratio Lower Upper
146 100
111 35.6 21.3 63.7
148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 54.313 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

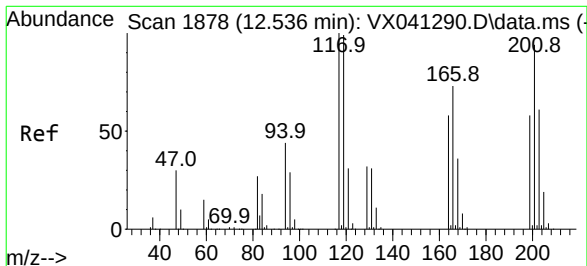
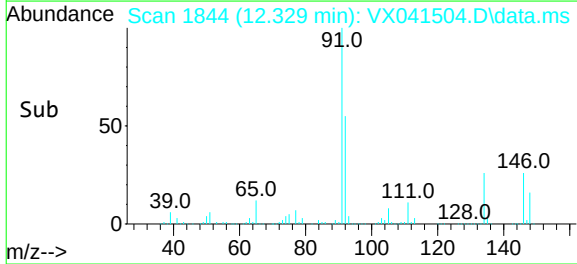
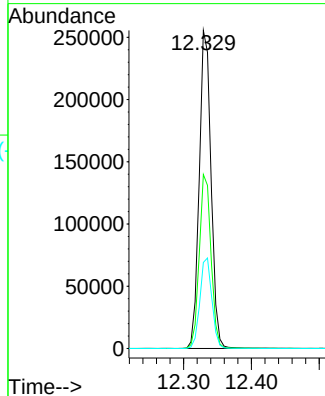
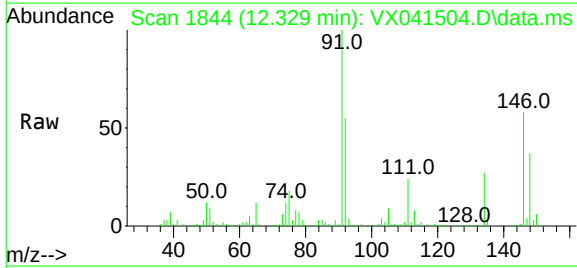
Tgt Ion:	91	Resp:	309248
Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.4	82.0
134	28.8	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#90

Hexachloroethane

Concen: 54.634 ug/l

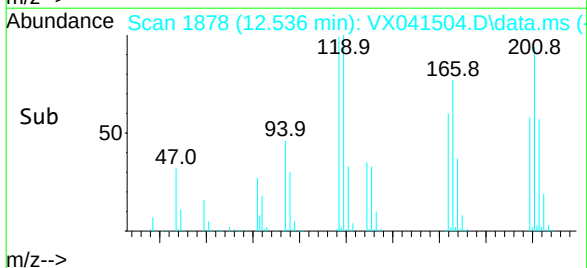
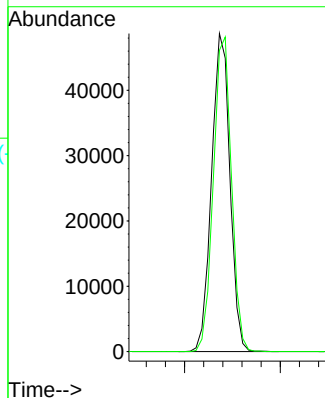
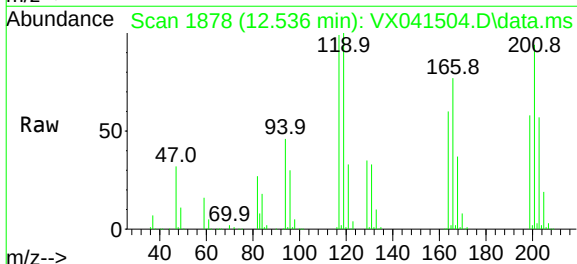
RT: 12.536 min Scan# 1878

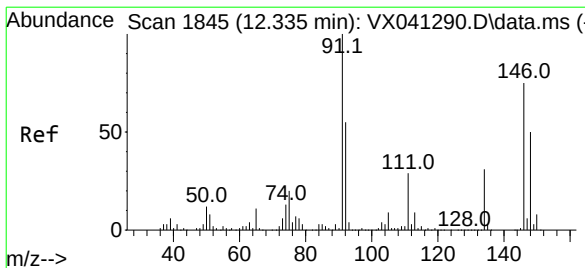
Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Tgt Ion:	117	Resp:	64695
Ion	Ratio	Lower	Upper
117	100		
201	97.5	32.9	98.6





#91

1,2-Dichlorobenzene

Concen: 52.050 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

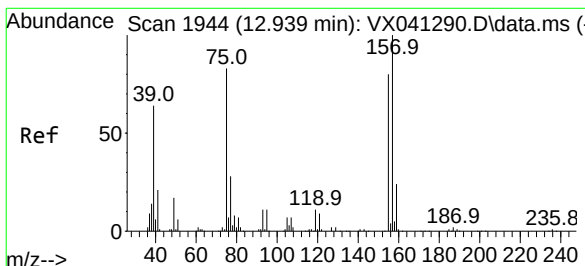
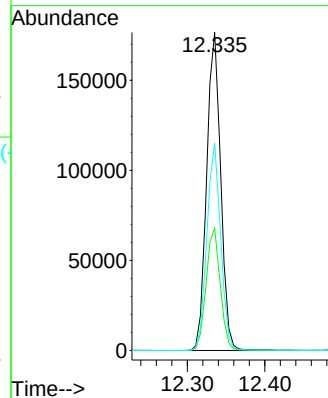
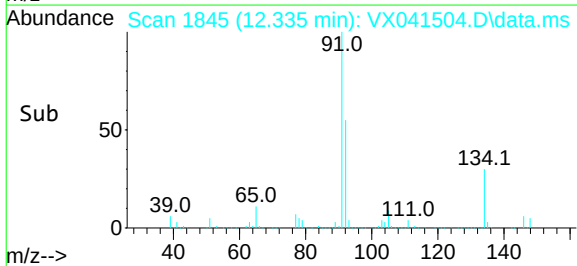
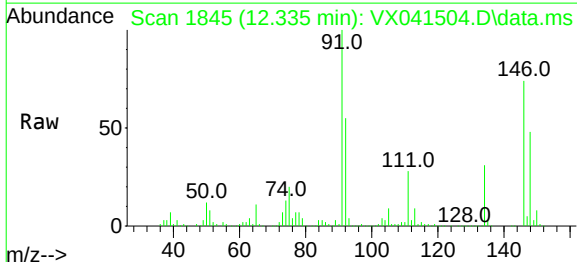
Tgt Ion:	146	Resp:	222271
Ion	Ratio	Lower	Upper
146	100		
111	38.8	22.4	67.0
148	64.4	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.737 ug/l

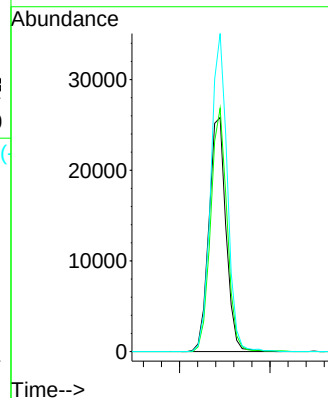
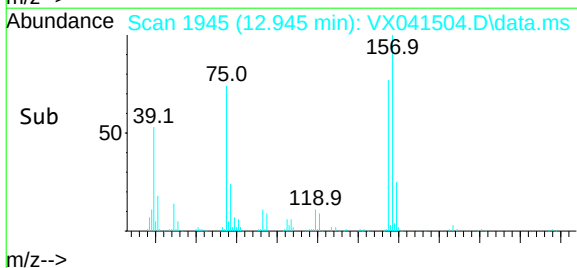
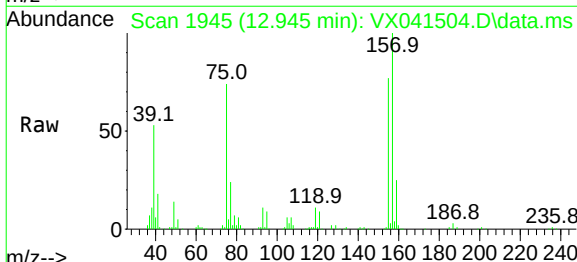
RT: 12.945 min Scan# 1945

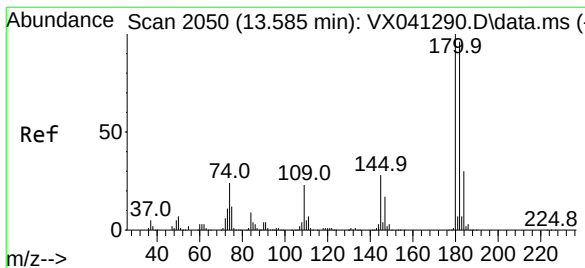
Delta R.T. 0.006 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Tgt Ion:	75	Resp:	33857
Ion	Ratio	Lower	Upper
75	100		
155	99.5	36.1	108.5
157	130.3	44.9	134.7





#93

1,2,4-Trichlorobenzene

Concen: 51.501 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

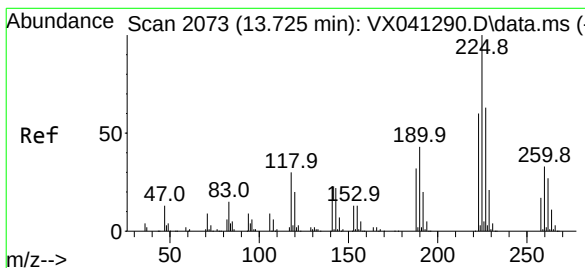
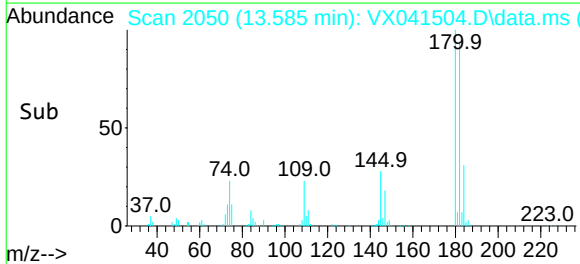
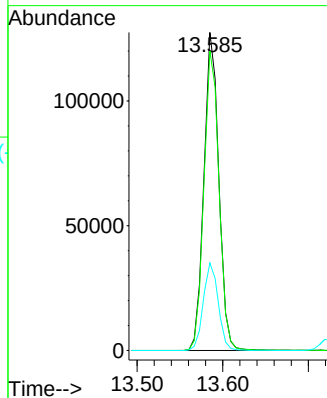
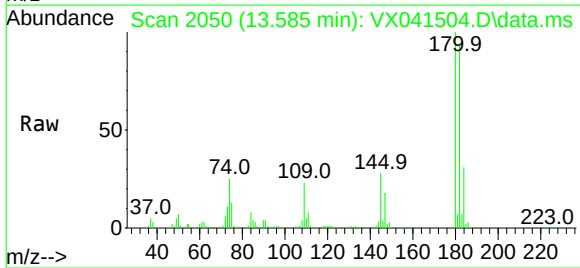
Tgt Ion:	180	Resp:	153730
Ion Ratio	Lower	Upper	
180	100		
182	95.8	48.3	144.8
145	27.6	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#94

Hexachlorobutadiene

Concen: 48.663 ug/l

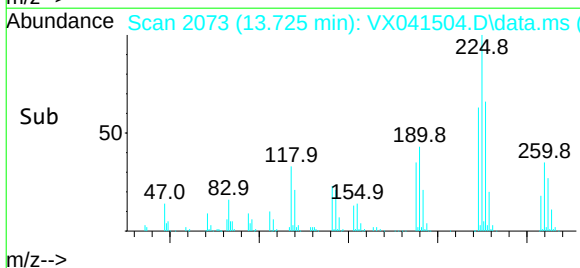
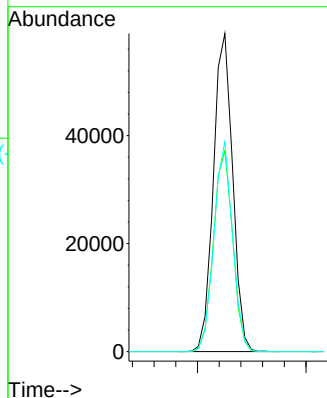
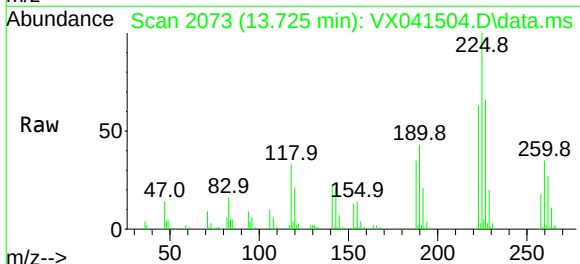
RT: 13.725 min Scan# 2073

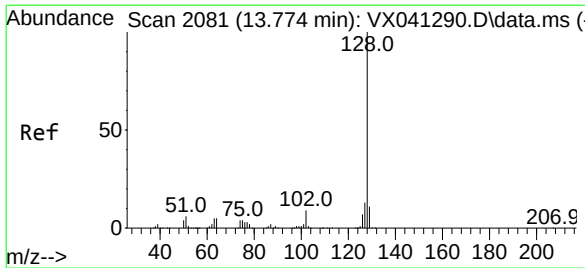
Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Tgt Ion:	225	Resp:	72538
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.1	93.2
227	63.9	32.5	97.5





#95

Naphthalene

Concen: 53.863 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

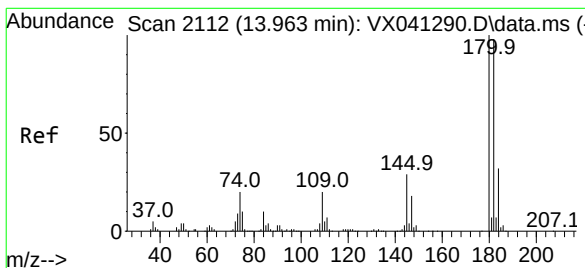
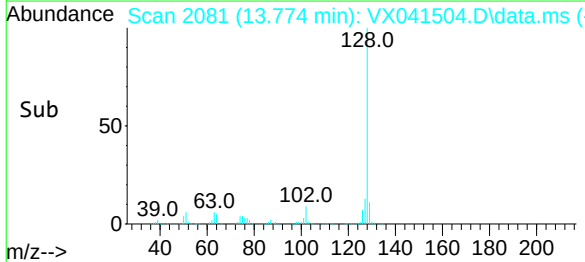
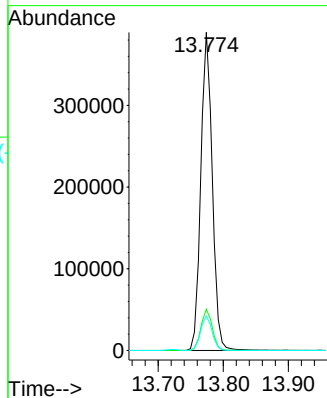
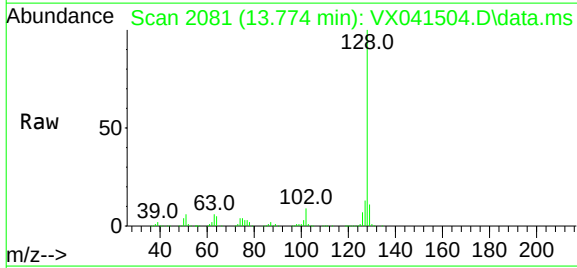
Tgt Ion:	128	Resp:	476455
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 51.031 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041504.D

Acq: 13 May 2024 19:40

Tgt Ion:	180	Resp:	155680
Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.9	140.6
145	29.3	17.8	53.5

