

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051324\
 Data File : VX041477.D
 Acq On : 13 May 2024 09:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 14 01:19:58 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	5.544	168	191678	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	260141	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	112454	53.891	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.780%			
35) Dibromofluoromethane	5.379	113	97699	55.419	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.840%			
50) Toluene-d8	8.647	98	309169	55.409	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.820%			
62) 4-Bromofluorobenzene	11.079	95	124453	57.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	86638	55.008	ug/l	100
3) Chloromethane	1.294	50	77829	47.754	ug/l	99
4) Vinyl Chloride	1.374	62	81614	52.530	ug/l	99
5) Bromomethane	1.599	94	53103	54.521	ug/l	99
6) Chloroethane	1.666	64	41608	57.679	ug/l	99
7) Trichlorofluoromethane	1.867	101	137282	51.242	ug/l	99
8) Diethyl Ether	2.136	74	48964	51.853	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	87296	57.975	ug/l	88
10) Methyl Iodide	2.447	142	94834	58.518	ug/l	89
11) Tert butyl alcohol	3.014	59	99071	237.208	ug/l	# 92
12) 1,1-Dichloroethene	2.306	96	80144	53.956	ug/l	88
13) Acrolein	2.239	56	110887	334.668	ug/l	98
14) Allyl chloride	2.660	41	142213	56.988	ug/l	98
15) Acrylonitrile	3.068	53	252131	264.506	ug/l	100
16) Acetone	2.386	43	262039	285.725	ug/l	96
17) Carbon Disulfide	2.501	76	161267	46.187	ug/l	100
18) Methyl Acetate	2.703	43	120807	56.587	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	287596	53.114	ug/l	100
20) Methylene Chloride	2.782	84	91300	50.400	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	83004	50.004	ug/l	91
22) Diisopropyl ether	3.763	45	288675	54.583	ug/l	86
23) Vinyl Acetate	3.721	43	1306036	276.061	ug/l	97
24) 1,1-Dichloroethane	3.605	63	158976	53.207	ug/l	98
25) 2-Butanone	4.562	43	367478	272.094	ug/l	98
26) 2,2-Dichloropropane	4.465	77	133164	53.305	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	102998	52.405	ug/l	92
28) Bromochloromethane	4.891	49	57228	53.668	ug/l	# 82
29) Tetrahydrofuran	5.007	42	227206	257.236	ug/l	97
30) Chloroform	5.086	83	169009	54.369	ug/l	98
31) Cyclohexane	5.458	56	126136	50.085	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	149780	52.961	ug/l	99
36) 1,1-Dichloropropene	5.684	75	108255	51.354	ug/l	97
37) Ethyl Acetate	4.714	43	136604	51.936	ug/l	100
38) Carbon Tetrachloride	5.672	117	127436	52.771	ug/l	99
39) Methylcyclohexane	7.373	83	117321	47.374	ug/l	93
40) Benzene	6.031	78	328240	50.511	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	74892	55.323	ug/l	95
42) 1,2-Dichloroethane	6.080	62	126740	53.217	ug/l	97
43) Isopropyl Acetate	6.342	43	205369	51.931	ug/l	99
44) Trichloroethene	7.116	130	81200	47.320	ug/l	86
45) 1,2-Dichloropropane	7.427	63	74064	51.011	ug/l	97
46) Dibromomethane	7.580	93	60156	52.046	ug/l #	79
47) Bromodichloromethane	7.818	83	121135	58.812	ug/l	95
48) Methyl methacrylate	7.690	41	105196	58.027	ug/l	96
49) 1,4-Dioxane	7.665	88	41825	1067.103	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	661134	278.605	ug/l	100
52) Toluene	8.714	92	211004	53.079	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	109112	45.787	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	129549	57.212	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	88297	57.677	ug/l	97
56) Ethyl methacrylate	9.116	69	138080	58.279	ug/l	98
57) 1,3-Dichloropropane	9.305	76	141034	55.200	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	331505	288.564	ug/l	94
59) 2-Hexanone	9.433	43	539416	284.270	ug/l	99
60) Dibromochloromethane	9.518	129	106348	59.009	ug/l	99
61) 1,2-Dibromoethane	9.610	107	92297	54.801	ug/l	98
64) Tetrachloroethene	9.269	164	87398	50.488	ug/l	91
65) Chlorobenzene	10.079	112	252556	52.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	92966	54.217	ug/l	98
67) Ethyl Benzene	10.195	91	415021	51.835	ug/l	98
68) m/p-Xylenes	10.299	106	327393	102.111	ug/l	94
69) o-Xylene	10.640	106	160785	52.374	ug/l	94
70) Styrene	10.652	104	275958	54.781	ug/l	96
71) Bromoform	10.799	173	82969	54.067	ug/l #	100
73) Isopropylbenzene	10.963	105	428475	51.710	ug/l	97
74) N-amyl acetate	10.841	43	192970	53.304	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	134122	49.397	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	109777m	49.623	ug/l	
77) Bromobenzene	11.195	156	119574	51.129	ug/l	80
78) n-propylbenzene	11.305	91	464235	53.342	ug/l	97
79) 2-Chlorotoluene	11.360	91	283956	50.631	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	336772	49.856	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	43583	53.663	ug/l	97
82) 4-Chlorotoluene	11.451	91	322276	50.617	ug/l	93
83) tert-Butylbenzene	11.713	119	385820	53.338	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	364519	53.631	ug/l	94
85) sec-Butylbenzene	11.890	105	455342	54.929	ug/l	95
86) p-Isopropyltoluene	12.006	119	400993	53.861	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	224319	52.770	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	227947	52.048	ug/l	95
89) n-Butylbenzene	12.329	91	329081	54.970	ug/l	98
90) Hexachloroethane	12.536	117	65222	52.385	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	224855	50.079	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	29756	47.426	ug/l	61
93) 1,2,4-Trichlorobenzene	13.585	180	167094	53.241	ug/l	95
94) Hexachlorobutadiene	13.725	225	82340	52.537	ug/l	98
95) Naphthalene	13.774	128	488508	52.524	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	167786	52.309	ug/l	95

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ClientSampleId :
VSTDCCC050

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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

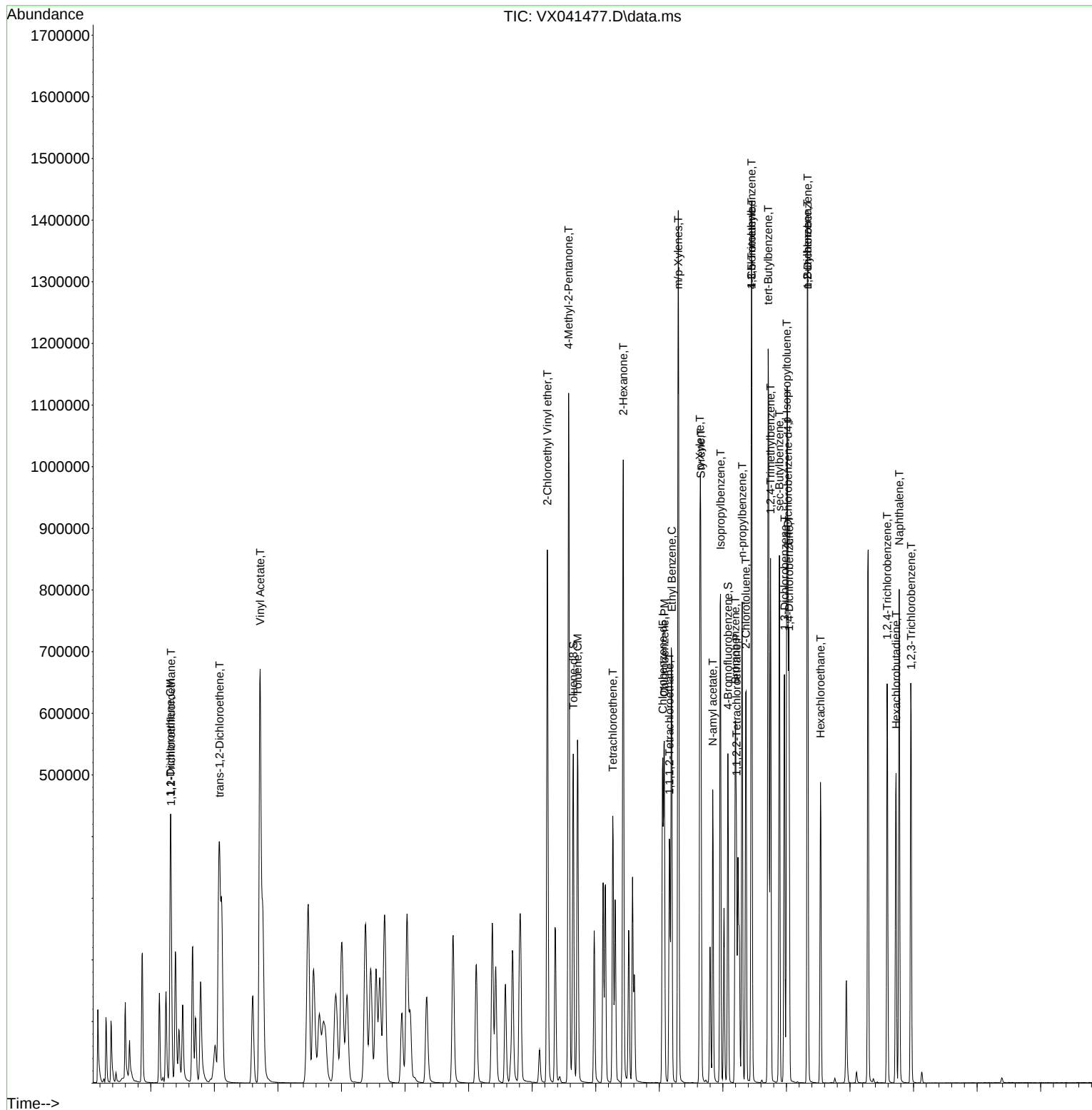
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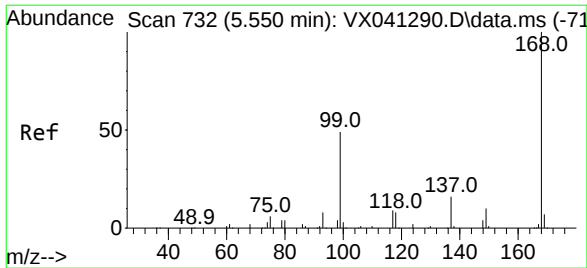
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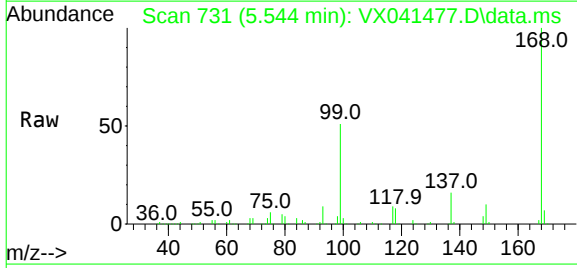
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 73
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

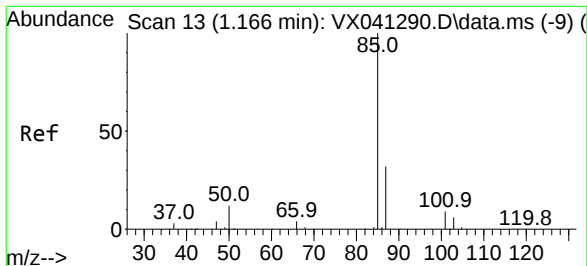
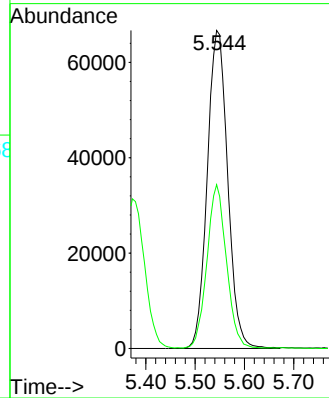
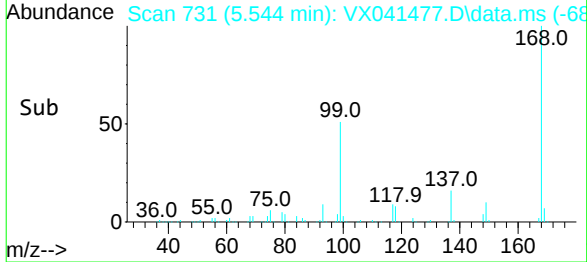
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 191678
Ion Ratio Lower Upper
168 100
99 51.3 56.6 85.0#

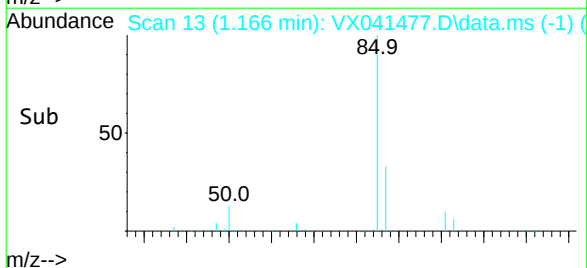
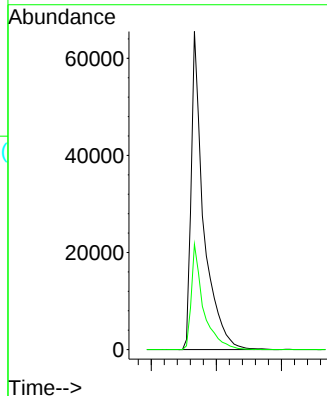
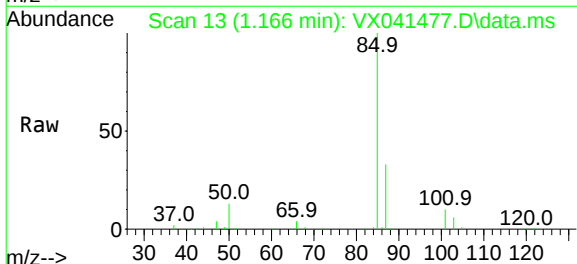
Manual Integrations
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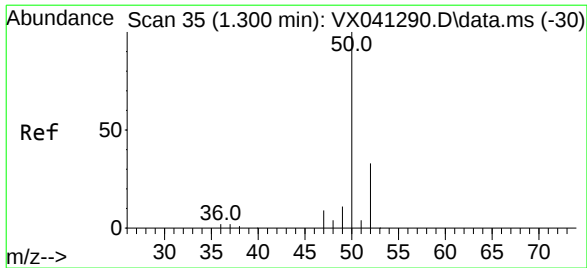
Reviewed By :John Carlone 05/14/2024
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#2
Dichlorodifluoromethane
Concen: 55.008 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion: 85 Resp: 86638
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





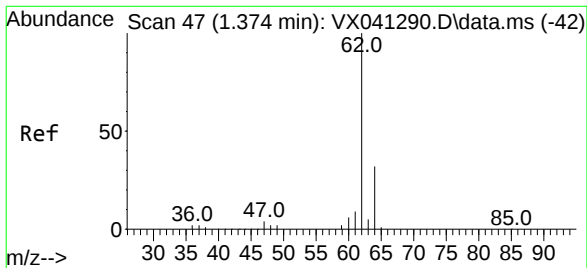
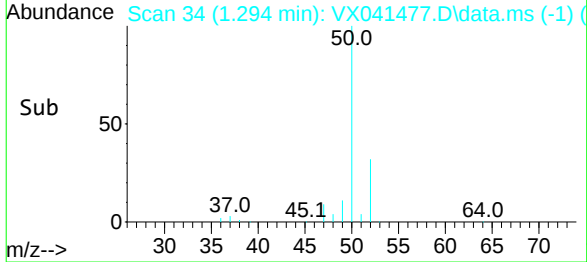
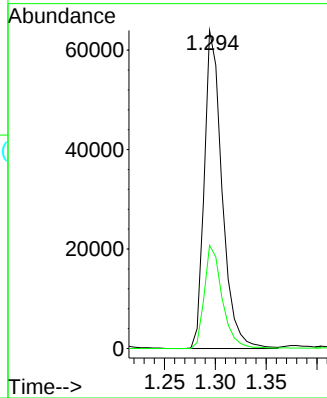
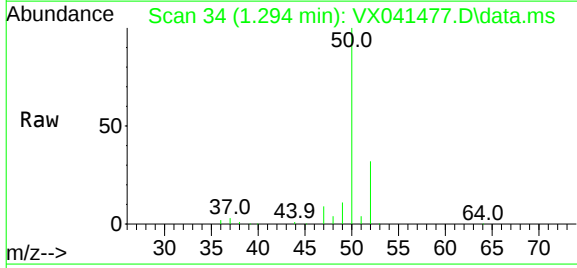
#3
Chloromethane
Concen: 47.754 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 50 Resp: 77829
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

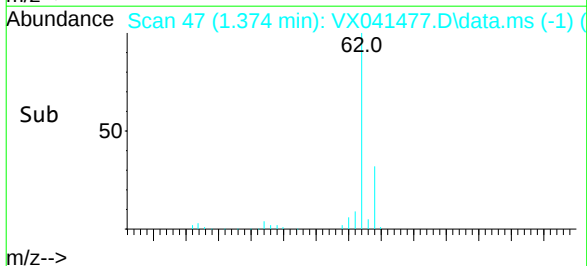
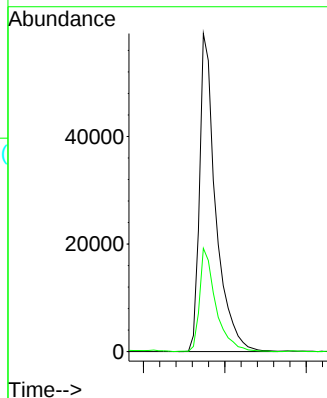
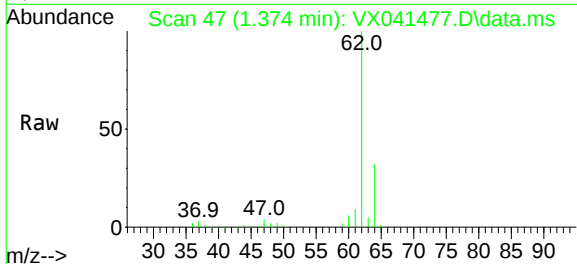
Manual Integrations
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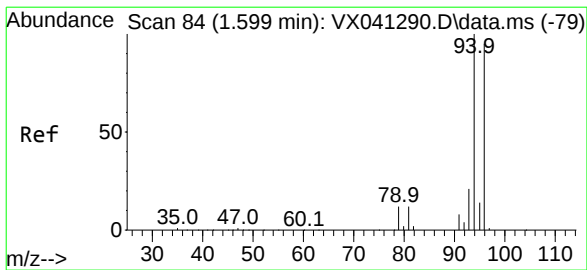
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#4
Vinyl Chloride
Concen: 52.530 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion: 62 Resp: 81614
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5

Bromomethane

Concen: 54.521 ug/l

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 53103

Ion Ratio Lower Upper

94 100

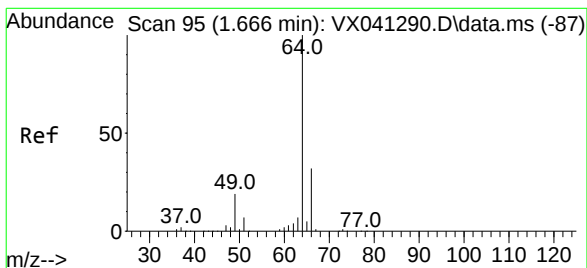
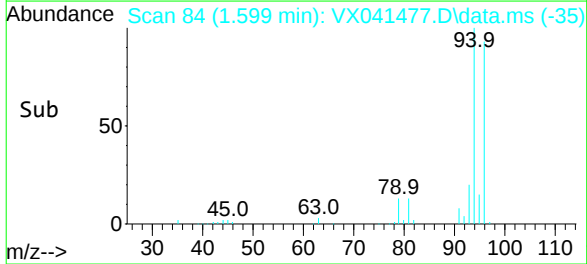
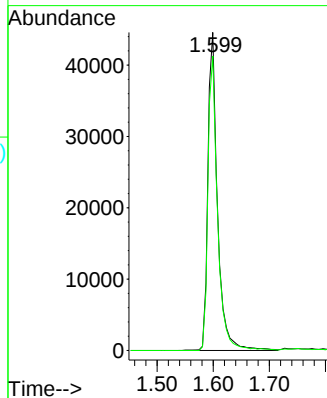
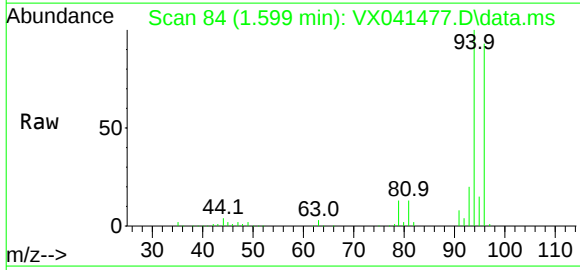
96 92.6 74.6 111.8

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 05/14/2024



#6

Chloroethane

Concen: 57.679 ug/l

RT: 1.666 min Scan# 95

Delta R.T. -0.000 min

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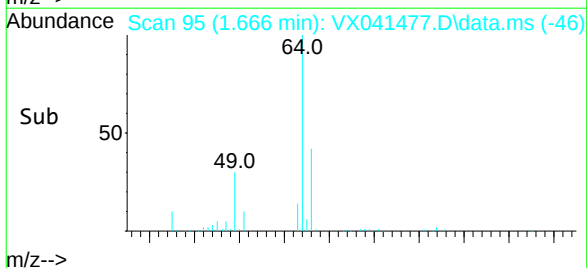
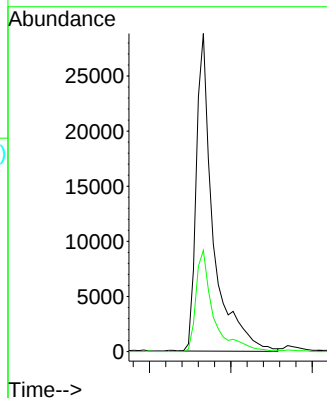
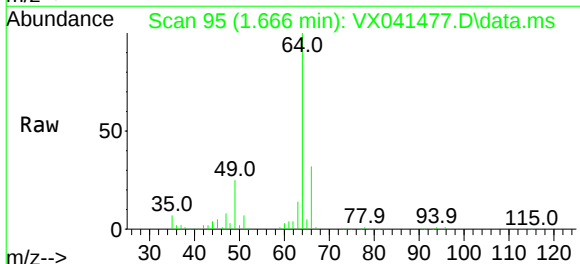
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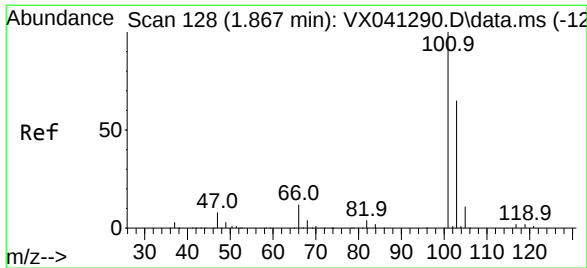
Tgt Ion: 64 Resp: 41608

Ion Ratio Lower Upper

64 100

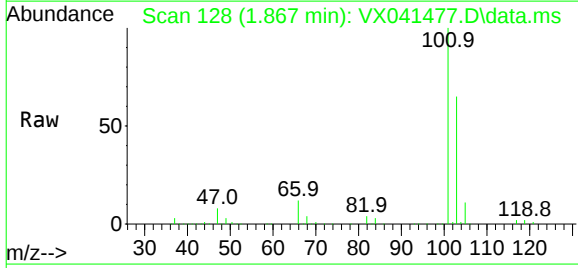
66 31.9 25.1 37.7





Trichlorofluoromethane
 Concen: 51.242 ug/l
 RT: 1.867 min Scan# 128
 Delta R.T. -0.000 min
 Lab File: VX041477.D
 Acq: 13 May 2024 09:08

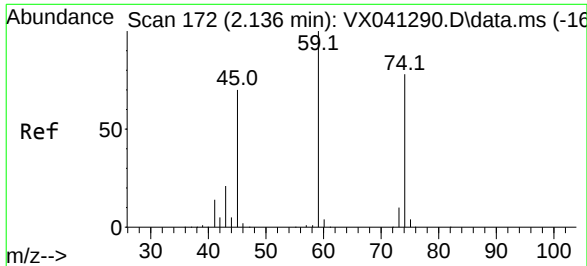
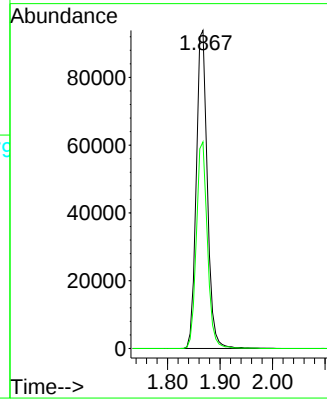
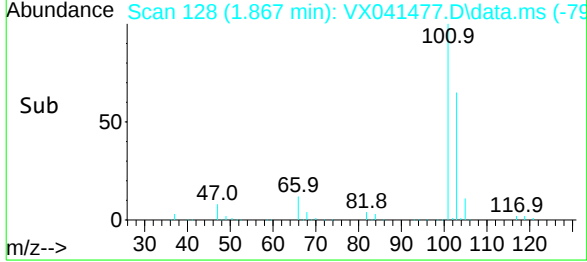
Instrument : MSVOA_X
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Tgt Ion: 101 Resp: 137282
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.2

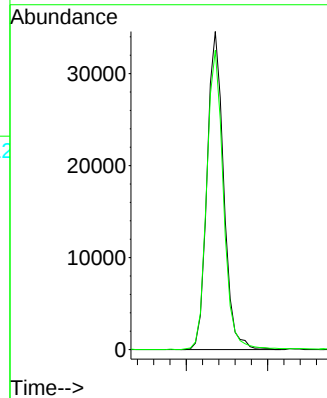
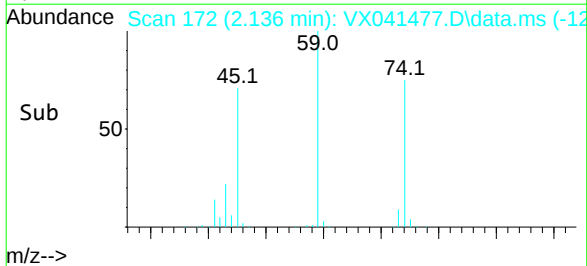
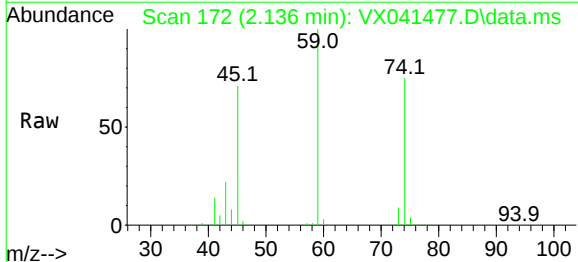
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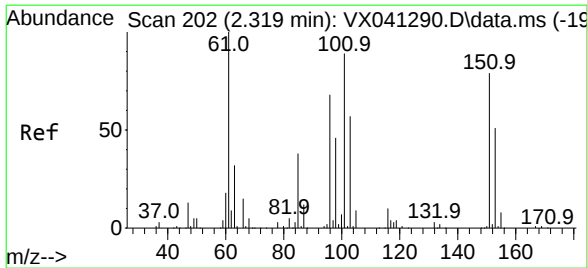
Reviewed By : John Carlone 05/14/2024
 Supervised By : Mahesh Dadoda 05/14/2024



Diethyl Ether
 Concen: 51.853 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX041477.D
 Acq: 13 May 2024 09:08

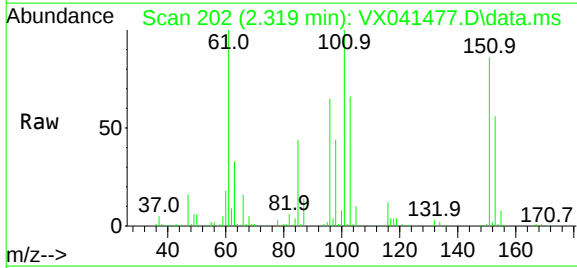
Tgt Ion: 74 Resp: 48964
 Ion Ratio Lower Upper
 74 100
 45 95.1 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.975 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

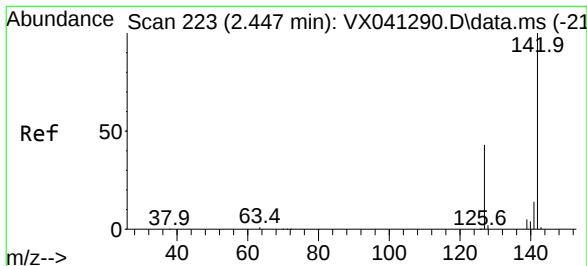
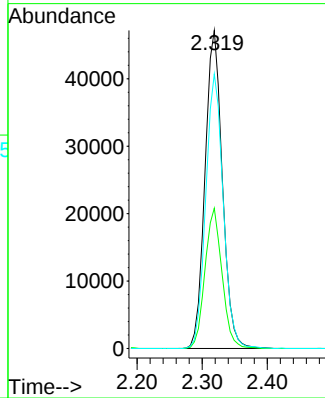
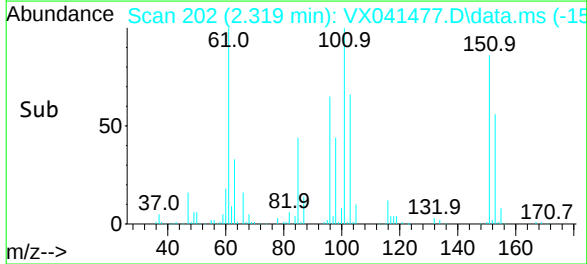
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 87296
Ion Ratio Lower Upper
101 100
85 43.3 37.0 55.6
151 86.9 58.6 87.8

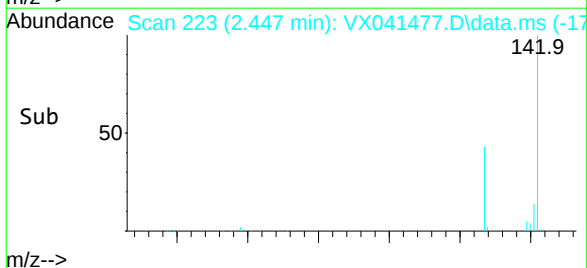
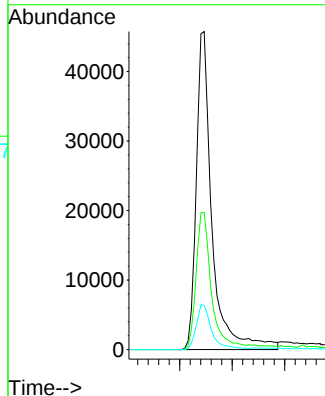
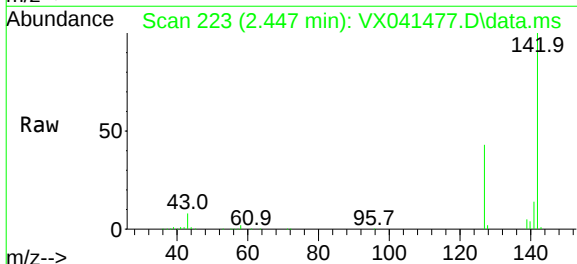
Manual Integrations
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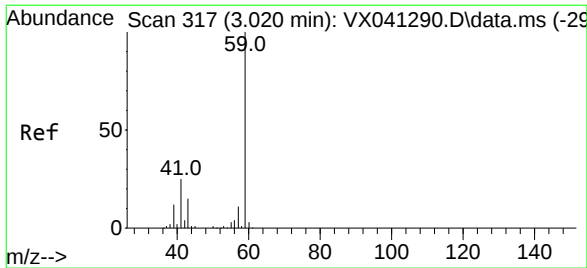
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#10
Methyl Iodide
Concen: 58.518 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion:142 Resp: 94834
Ion Ratio Lower Upper
142 100
127 42.3 41.6 62.4
141 13.8 11.6 17.4





#11

Tert butyl alcohol

Concen: 237.208 ug/l

RT: 3.014 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 99071

Ion Ratio Lower Upper

59 100

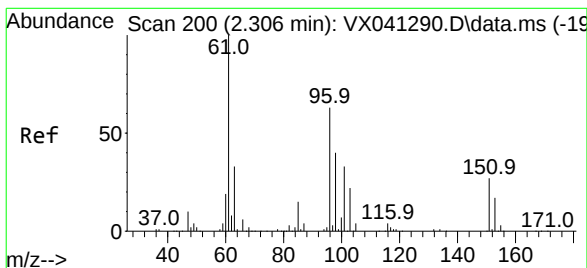
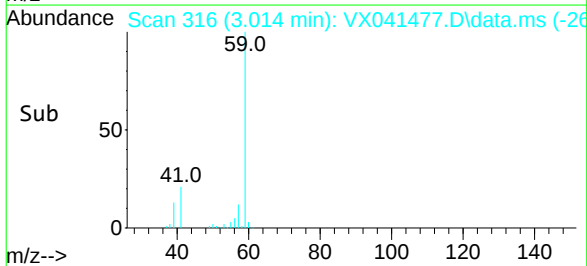
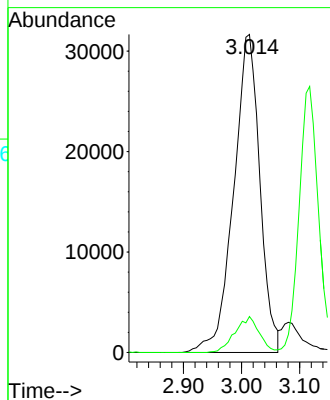
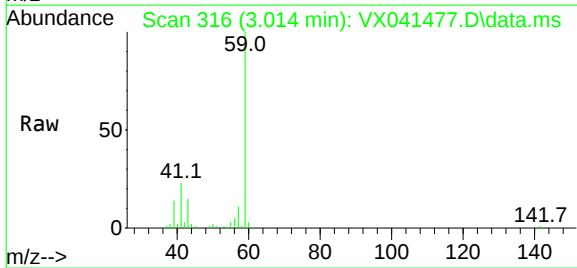
57 10.5 6.0 9.0#

Manual Integrations

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Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#12

1,1-Dichloroethene

Concen: 53.956 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

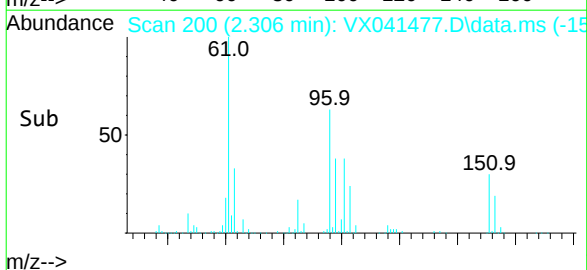
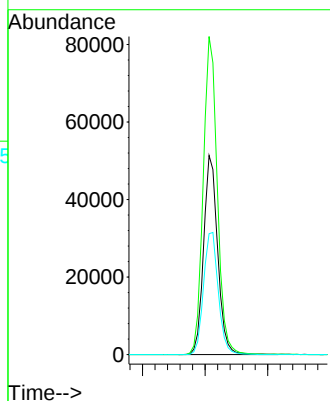
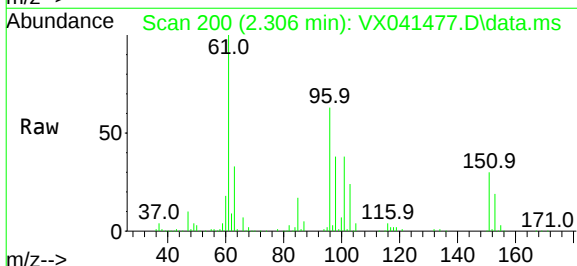
Tgt Ion: 96 Resp: 80144

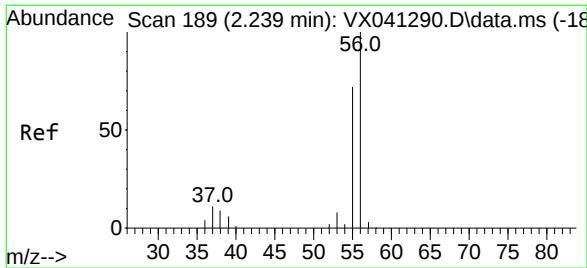
Ion Ratio Lower Upper

96 100

61 159.7 144.6 216.8

98 60.7 50.4 75.6





#13

Acrolein

Concen: 334.668 ug/l

RT: 2.239 min Scan# 18

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 110887

Ion Ratio Lower Upper

56 100

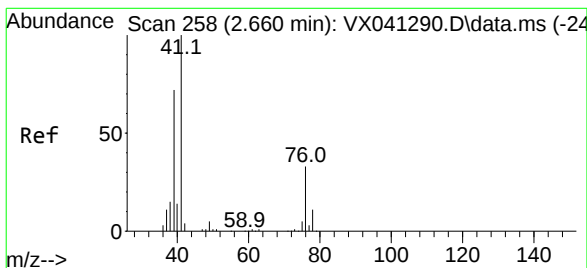
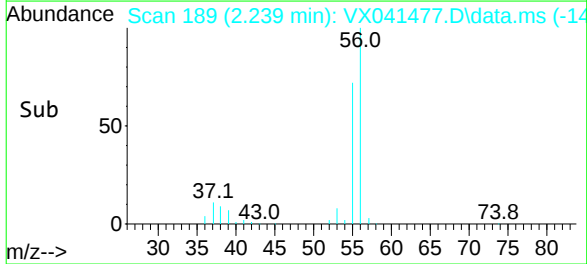
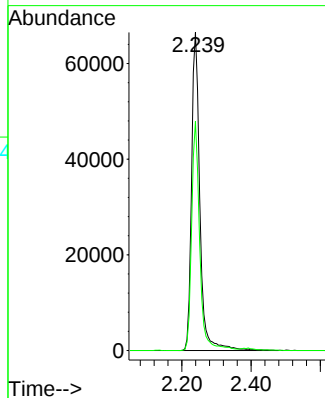
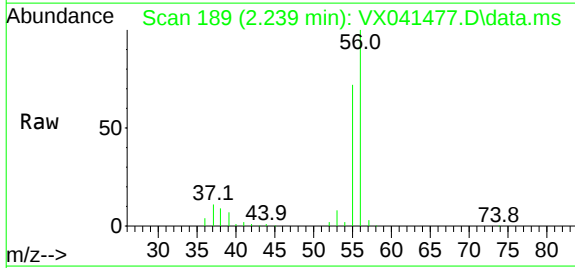
55 70.1 57.1 85.7

Manual Integrations

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Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#14

Allyl chloride

Concen: 56.988 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

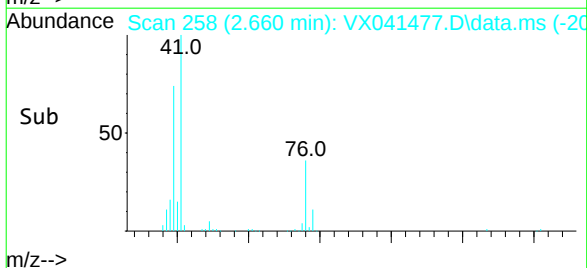
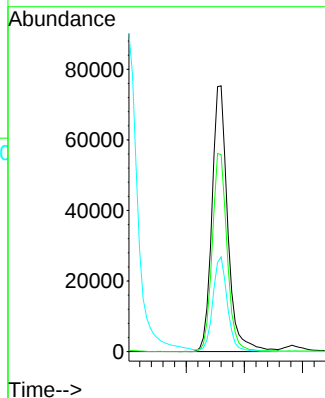
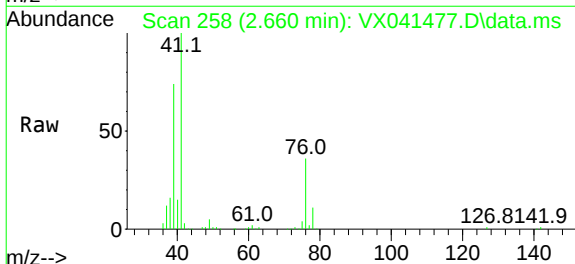
Tgt Ion: 41 Resp: 142213

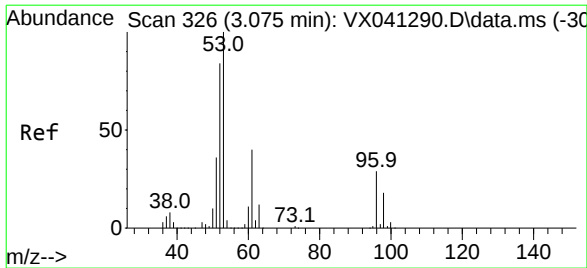
Ion Ratio Lower Upper

41 100

39 70.5 55.8 83.6

76 32.8 24.3 36.5





#15

Acrylonitrile

Concen: 264.506 ug/l

RT: 3.068 min Scan# 32

Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

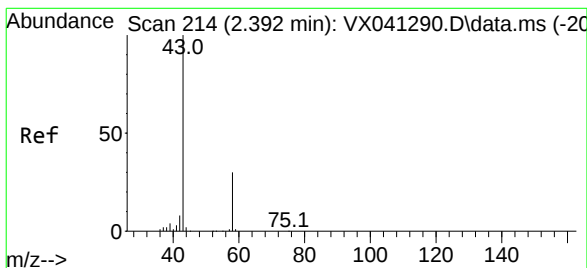
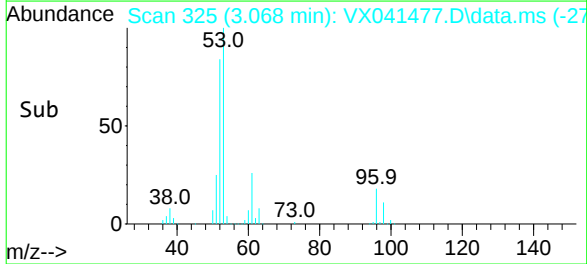
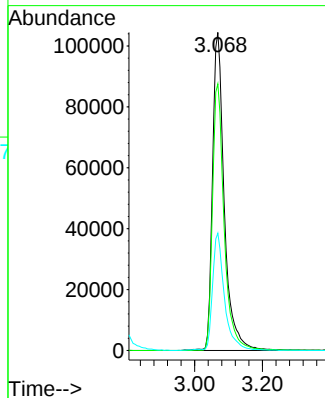
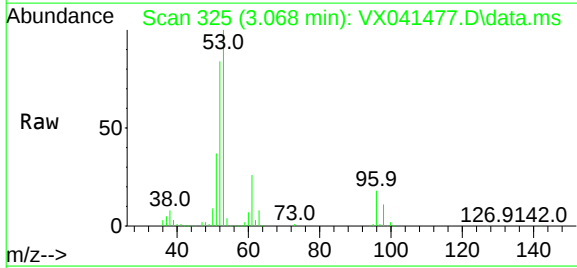
Tgt Ion:	53	Resp:	252131
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.0	99.0
51	36.5	29.8	44.6

Manual Integrations

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Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#16

Acetone

Concen: 285.725 ug/l

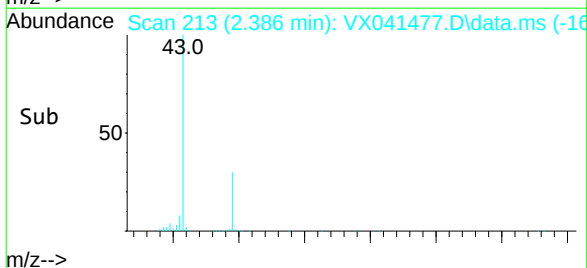
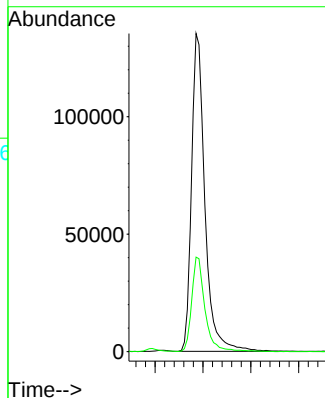
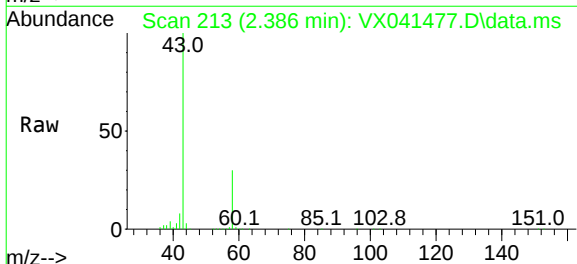
RT: 2.386 min Scan# 213

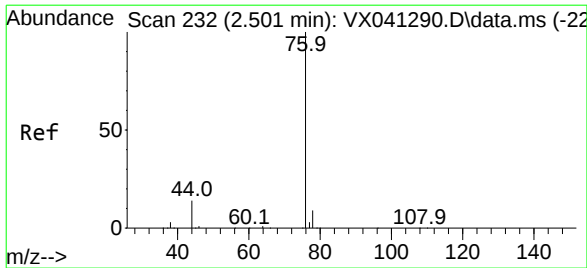
Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Tgt Ion:	43	Resp:	262039
Ion	Ratio	Lower	Upper
43	100		
58	29.7	21.9	32.9





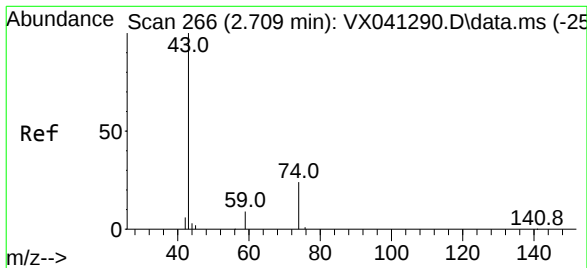
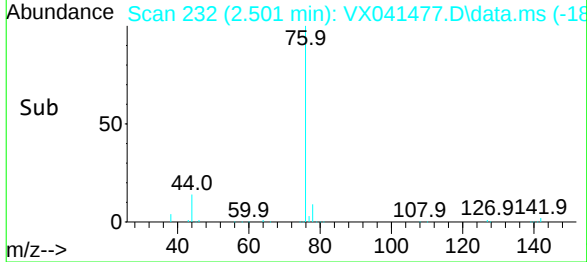
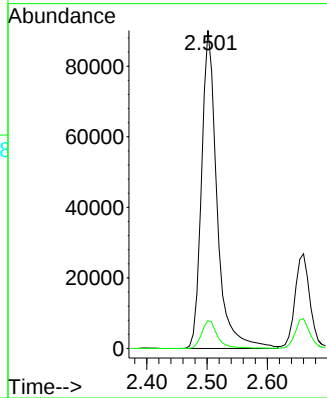
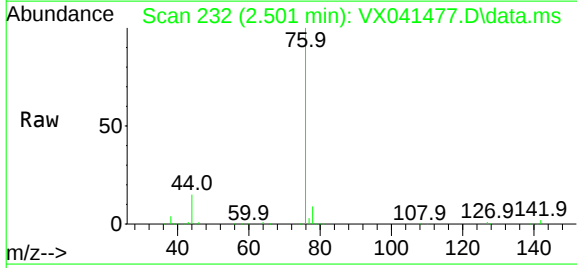
#17
Carbon Disulfide
Concen: 46.187 ug/l
RT: 2.501 min Scan# 231
Delta R.T. 0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 161267
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

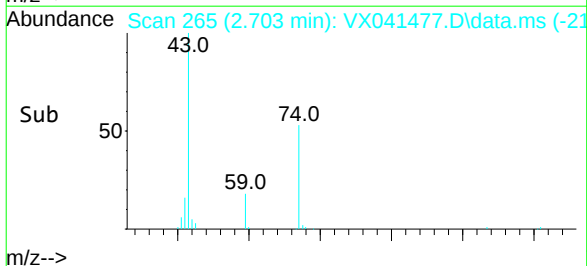
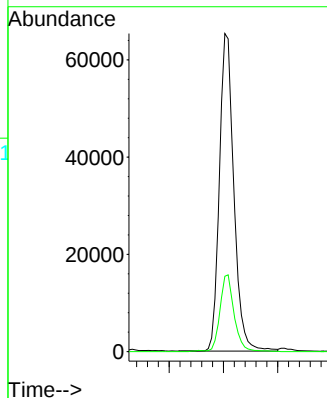
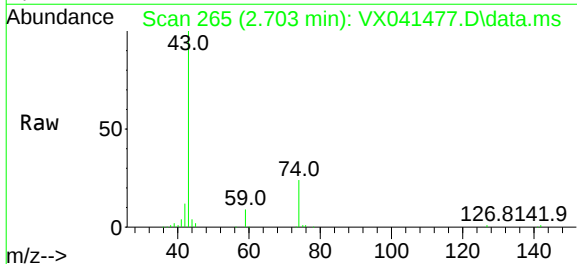
Manual Integrations
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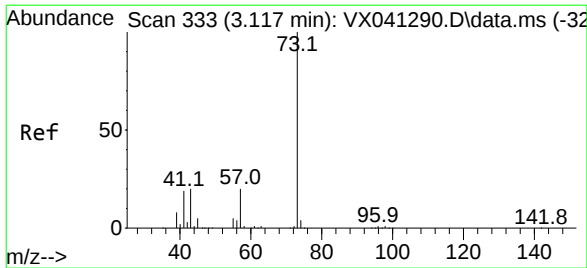
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#18
Methyl Acetate
Concen: 56.587 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion: 43 Resp: 120807
Ion Ratio Lower Upper
43 100
74 23.6 17.8 26.8





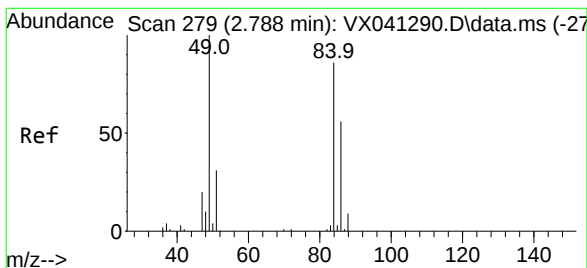
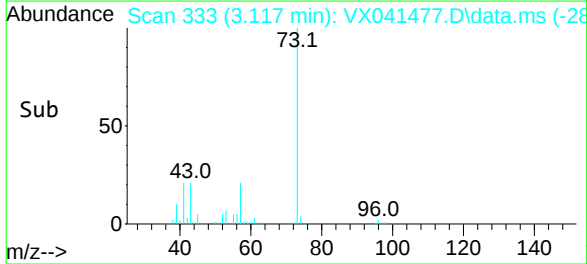
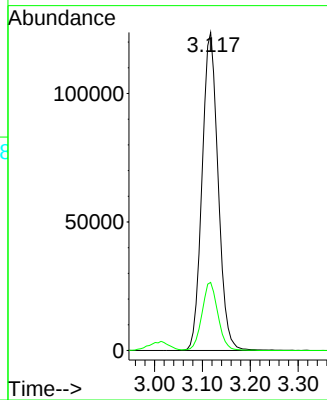
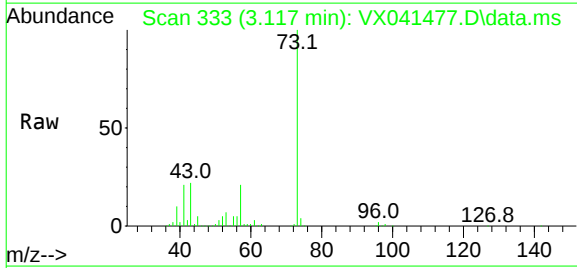
#19
Methyl tert-butyl Ether
Concen: 53.114 ug/l
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050

Tgt Ion: 73 Resp: 287596
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9

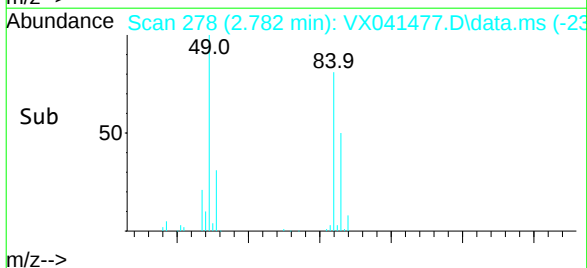
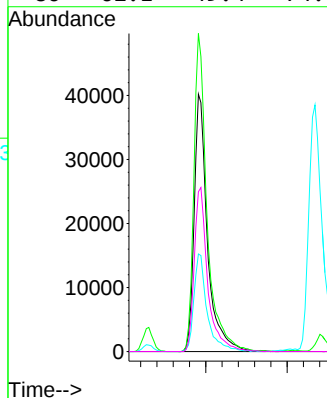
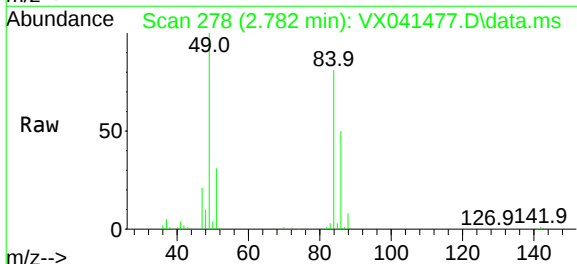
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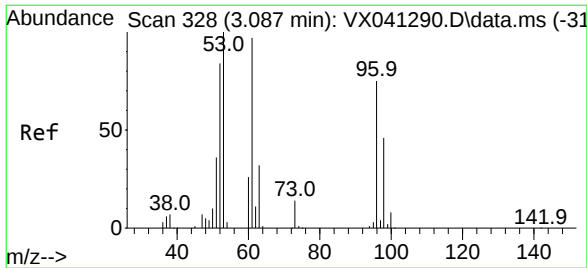
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#20
Methylene Chloride
Concen: 50.400 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

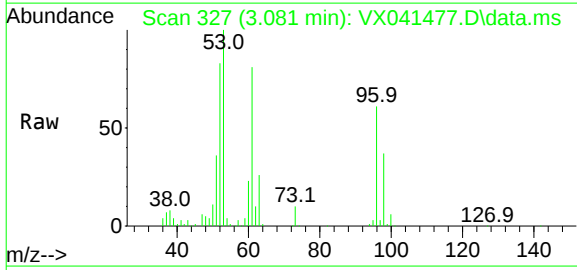
Tgt Ion: 84 Resp: 91300
Ion Ratio Lower Upper
84 100
49 123.5 103.6 155.4
51 37.9 33.8 50.6
86 62.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.004 ug/l
RT: 3.081 min Scan# 328
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

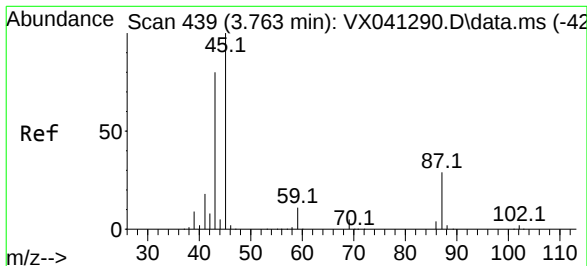
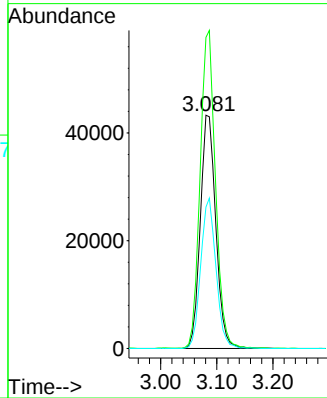
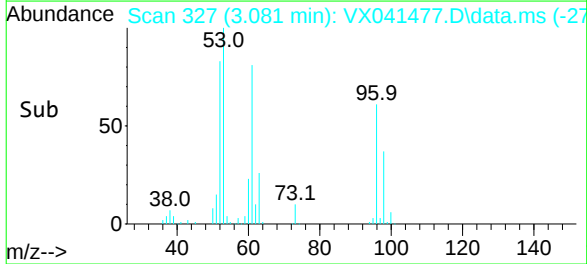
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



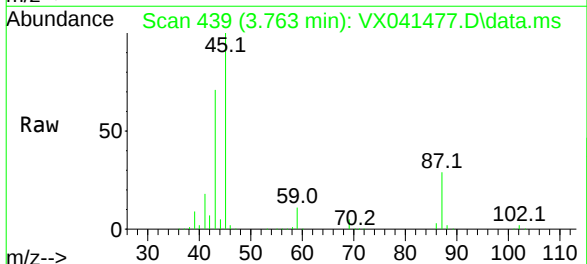
Tgt Ion: 96 Resp: 83004
Ion Ratio Lower Upper
96 100
61 133.2 119.2 178.8
98 60.6 48.7 73.1

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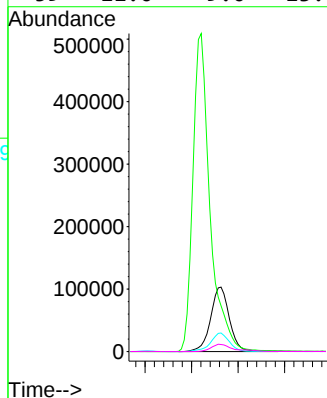
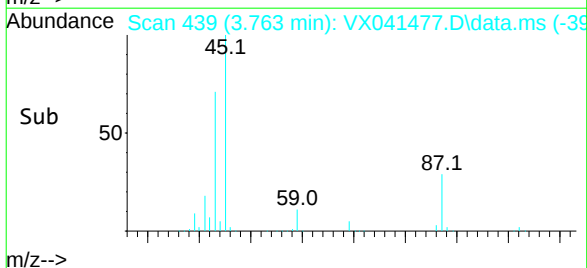
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

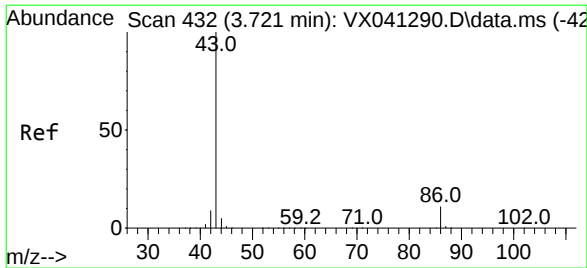


#22
Diisopropyl ether
Concen: 54.583 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08



Tgt Ion: 45 Resp: 288675
Ion Ratio Lower Upper
45 100
43 70.5 69.7 104.5
87 28.8 20.8 31.2
59 11.0 9.0 13.4





#23

Vinyl Acetate

Concen: 276.061 ug/l

RT: 3.721 min Scan# 43

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1306036

Ion Ratio Lower Upper

43 100

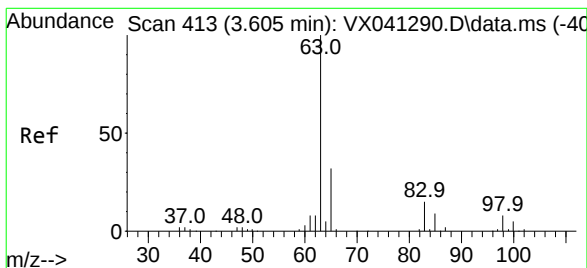
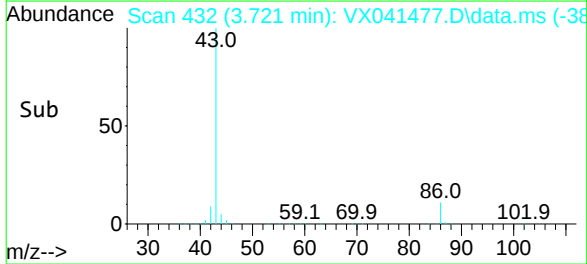
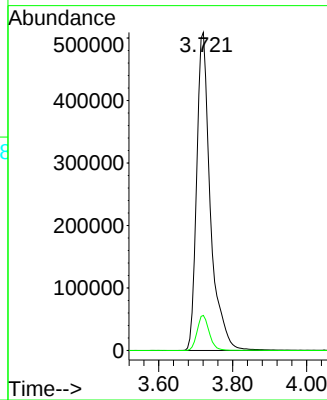
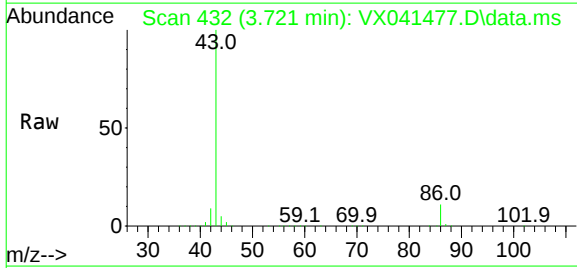
86 11.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#24

1,1-Dichloroethane

Concen: 53.207 ug/l

RT: 3.605 min Scan# 413

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

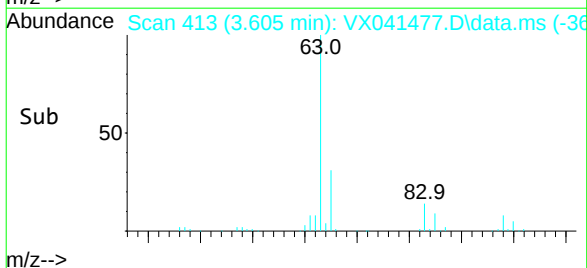
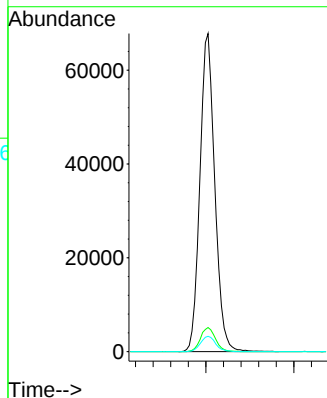
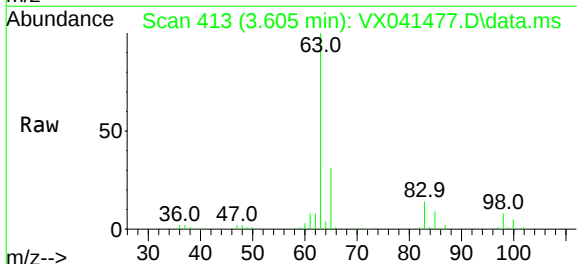
Tgt Ion: 63 Resp: 158976

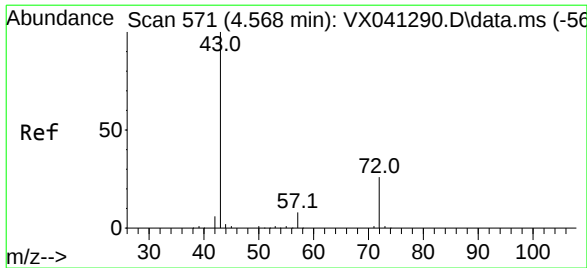
Ion Ratio Lower Upper

63 100

98 7.6 3.3 9.8

100 4.8 2.1 6.5





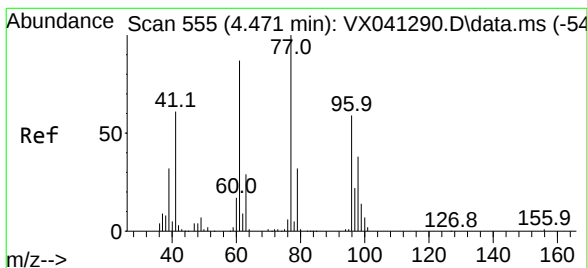
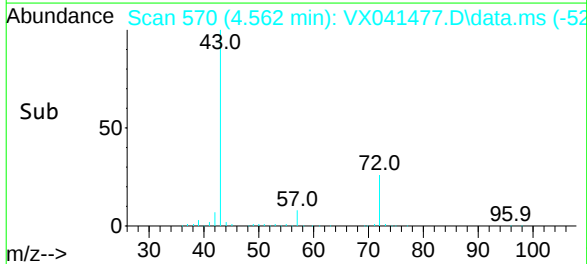
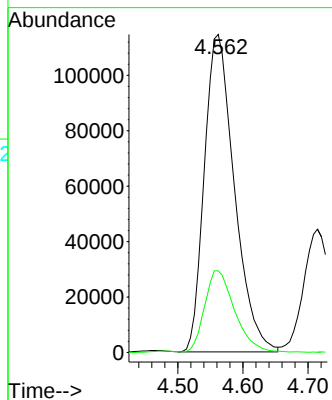
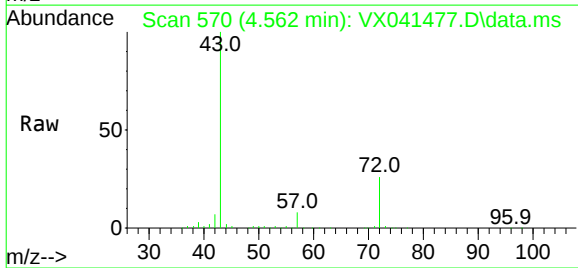
#25
2-Butanone
Concen: 272.094 ug/l
RT: 4.562 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 367478
Ion Ratio Lower Upper
43 100
72 25.5 19.4 29.2

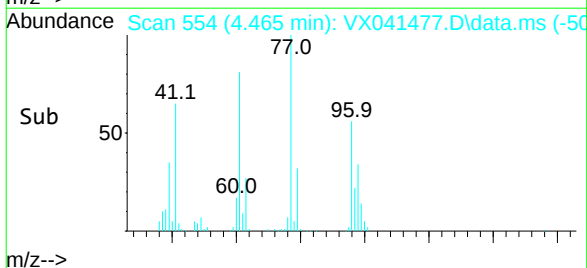
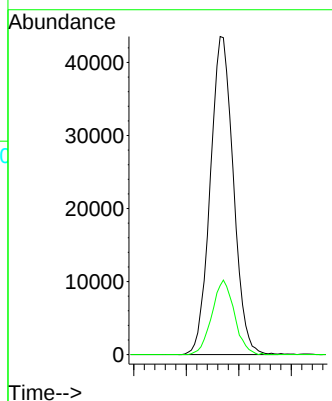
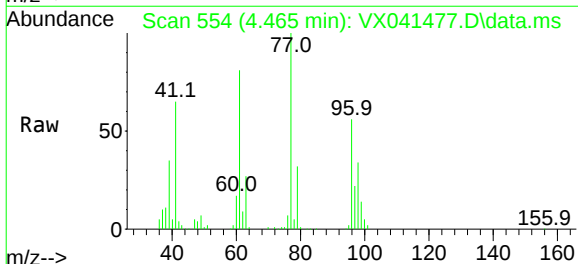
Manual Integrations
APPROVED

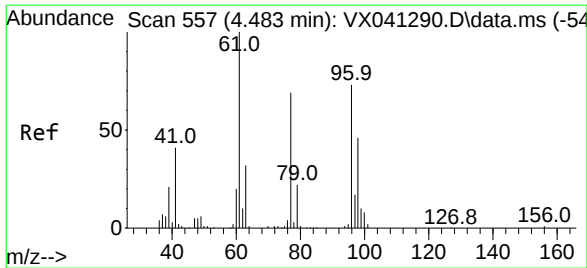
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#26
2,2-Dichloropropane
Concen: 53.305 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

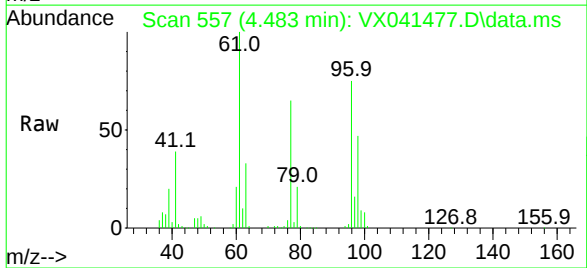
Tgt Ion: 77 Resp: 133164
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 52.405 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

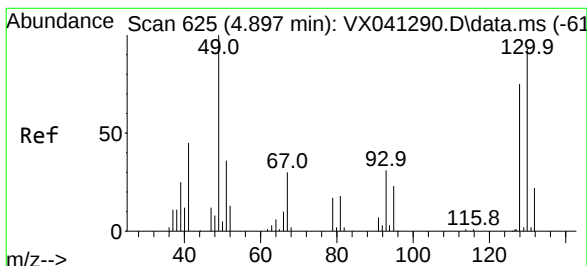
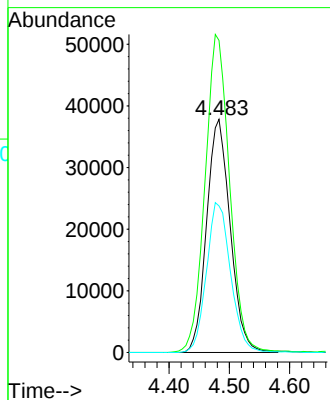
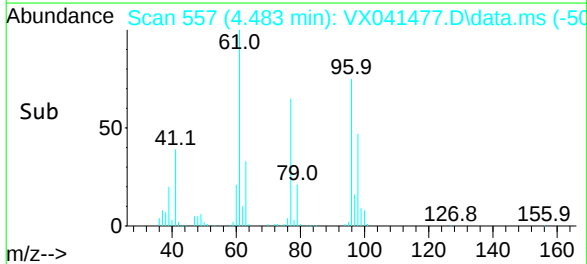
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



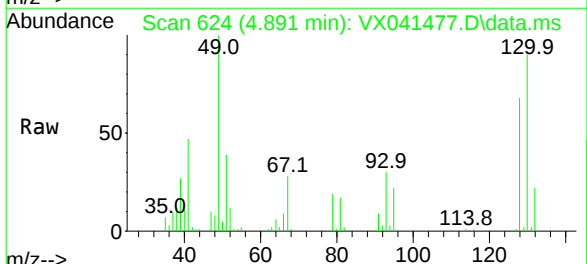
Tgt Ion: 96 Resp: 102998
Ion Ratio Lower Upper
96 100
61 142.0 0.0 312.2
98 65.9 0.0 129.0

Manual Integrations
APPROVED

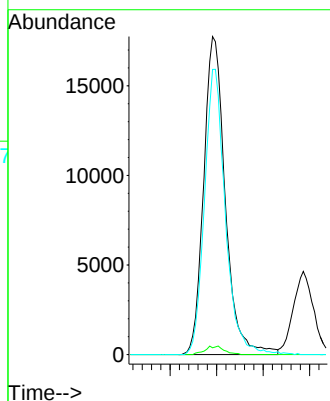
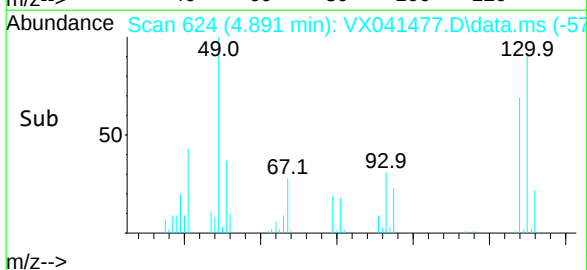
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

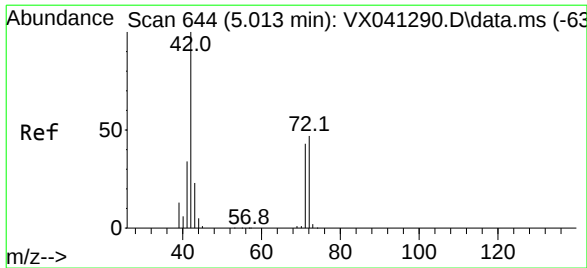


#28
Bromochloromethane
Concen: 53.668 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08



Tgt Ion: 49 Resp: 57228
Ion Ratio Lower Upper
49 100
129 2.4 0.0 3.8
130 87.0 57.5 86.3#





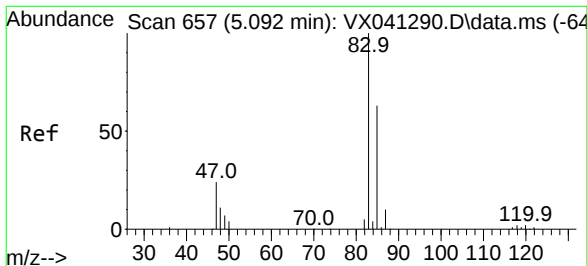
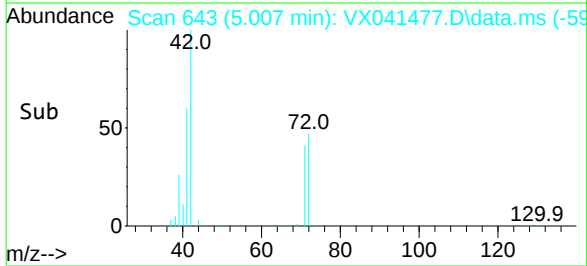
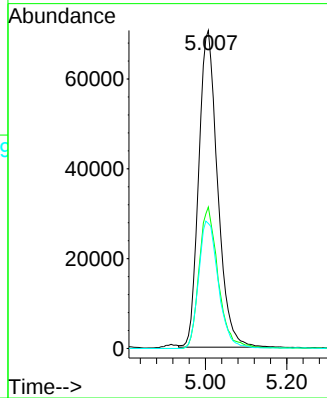
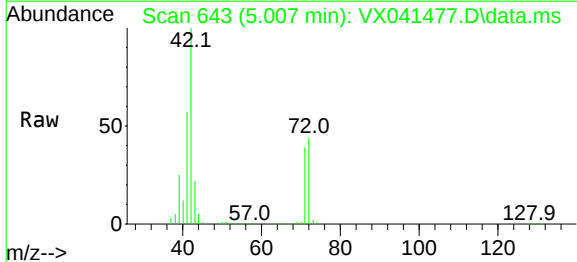
#29
Tetrahydrofuran
Concen: 257.236 ug/l
RT: 5.007 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 227206
Ion Ratio Lower Upper
42 100
72 45.3 34.2 51.4
71 42.0 32.2 48.2

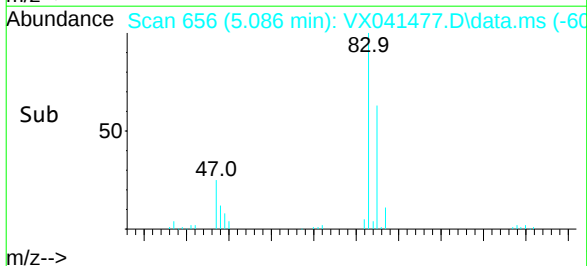
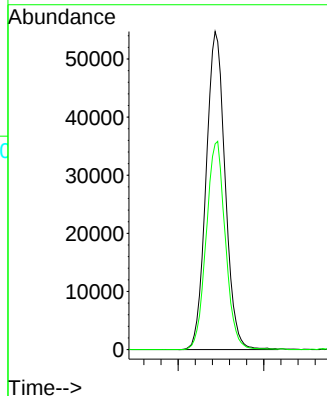
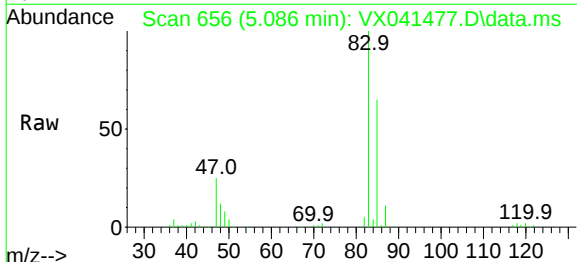
Manual Integrations
APPROVED

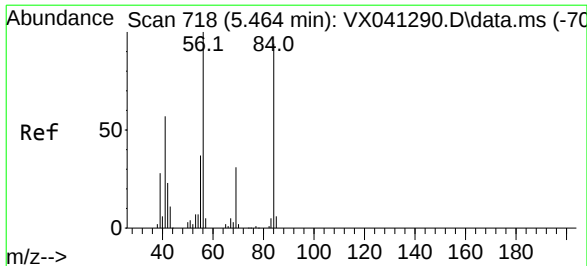
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#30
Chloroform
Concen: 54.369 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion: 83 Resp: 169009
Ion Ratio Lower Upper
83 100
85 64.7 50.3 75.5





#31

Cyclohexane

Concen: 50.085 ug/l

RT: 5.458 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

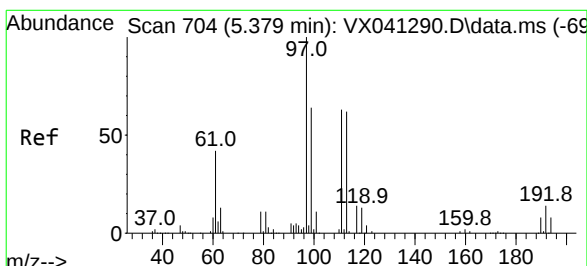
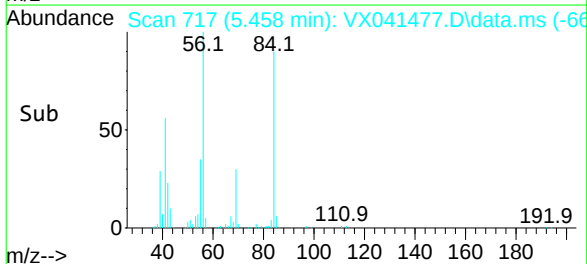
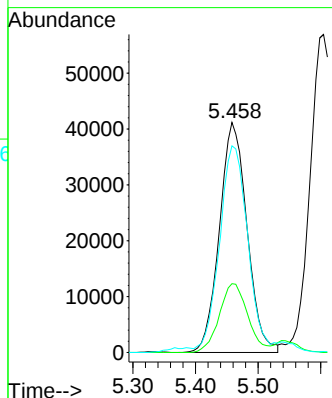
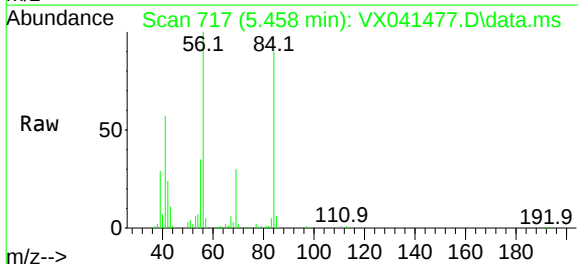
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	126136
Ion	Ratio	Lower	Upper
56	100		
69	29.9	23.4	35.2
84	88.1	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: 52.961 ug/l

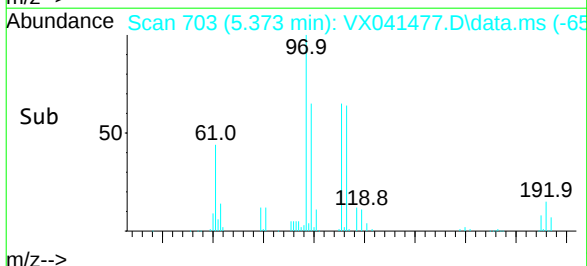
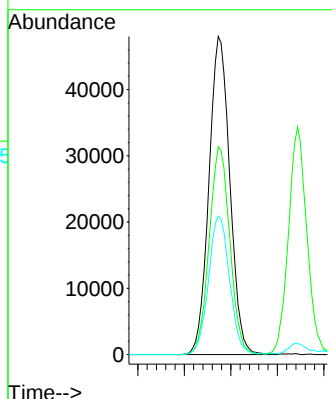
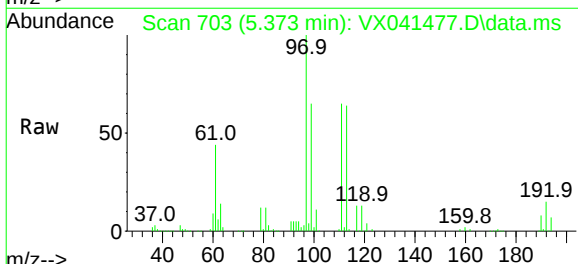
RT: 5.373 min Scan# 703

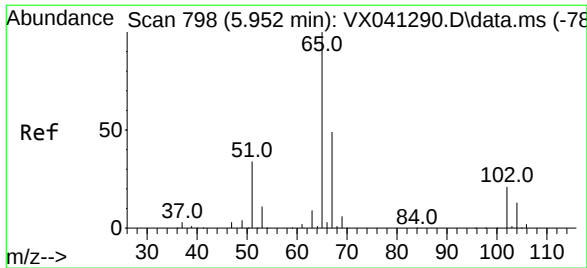
Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Tgt Ion:	97	Resp:	149780
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.1	76.7
61	43.9	36.4	54.6





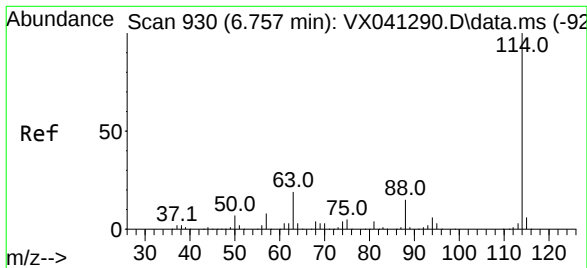
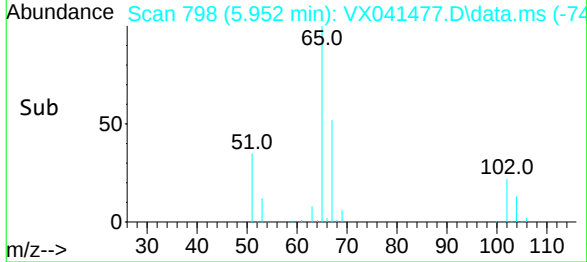
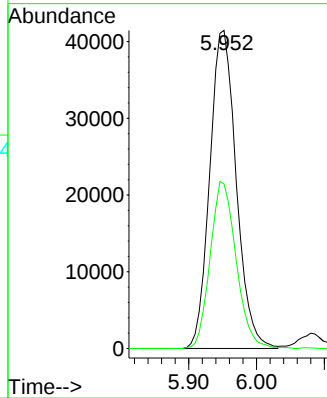
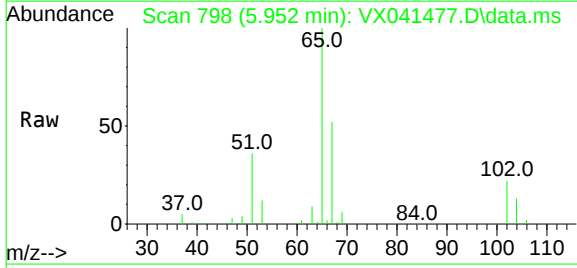
#33
1,2-Dichloroethane-d4
Concen: 53.891 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 112454
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

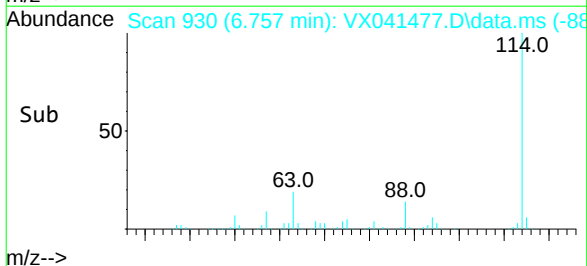
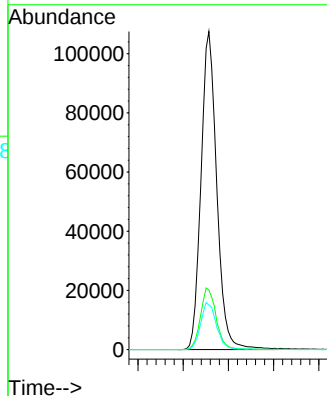
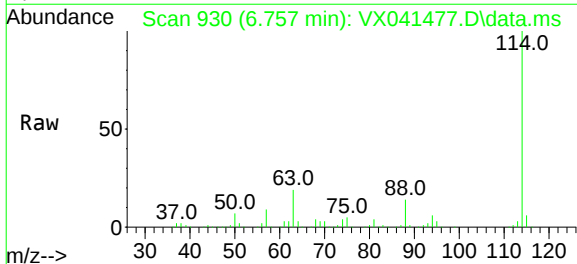
Manual Integrations
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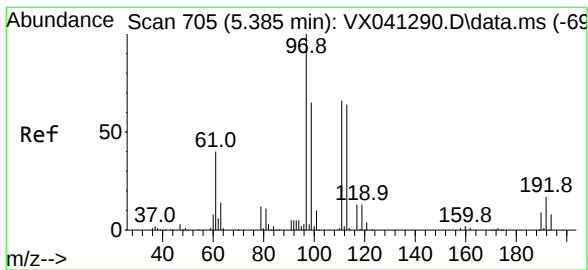
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion:114 Resp: 260141
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 14.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 55.419 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 97699

Ion Ratio Lower Upper

113 100

111 100.6 82.9 124.3

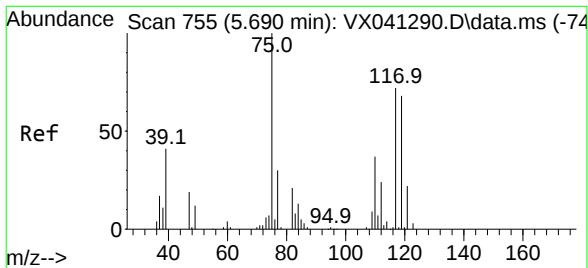
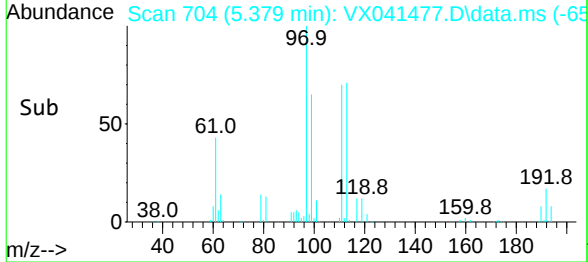
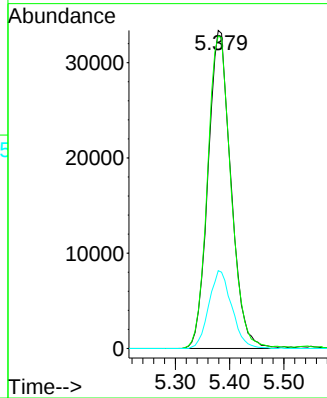
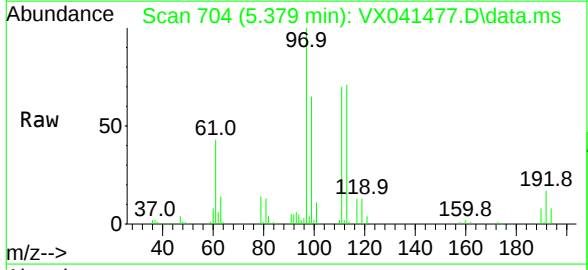
192 24.5 13.3 19.9#

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#36

1,1-Dichloropropene

Concen: 51.354 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

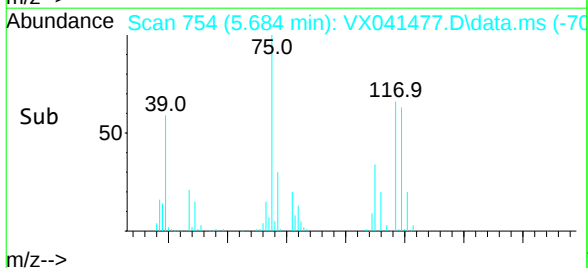
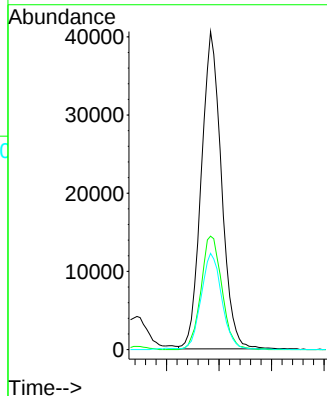
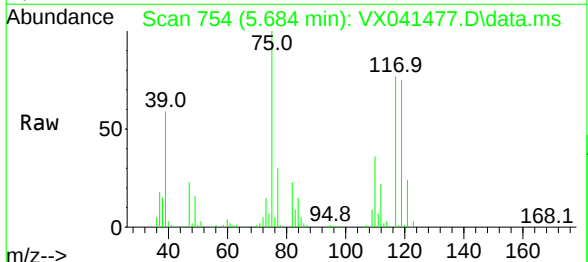
Tgt Ion: 75 Resp: 108255

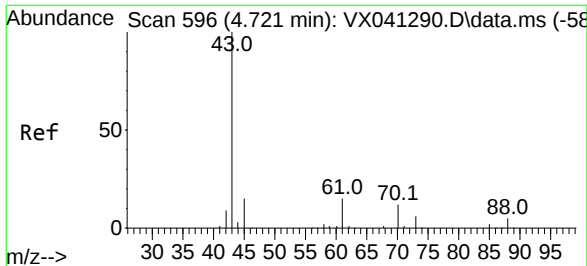
Ion Ratio Lower Upper

75 100

110 37.2 17.0 50.9

77 30.8 24.7 37.1





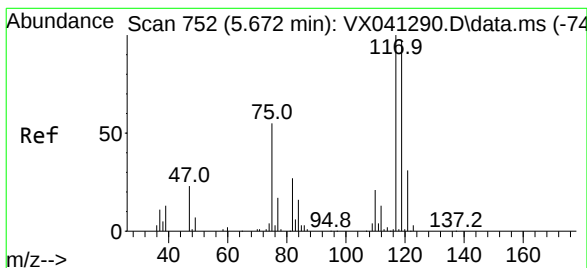
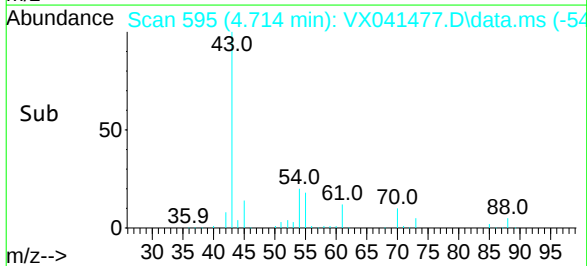
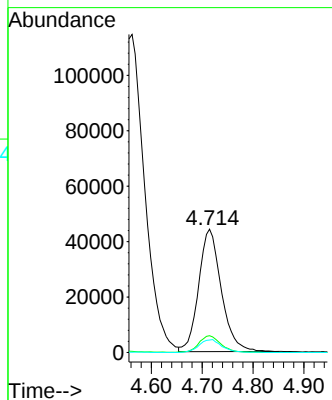
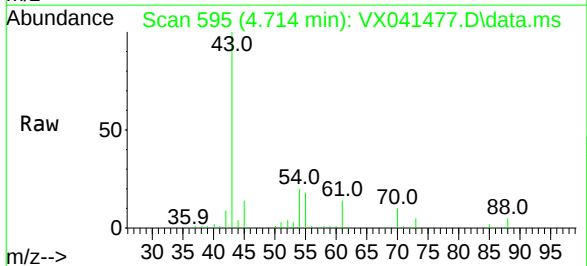
#37
Ethyl Acetate
Concen: 51.936 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	136604
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	16.0
70	10.5	8.3	12.5

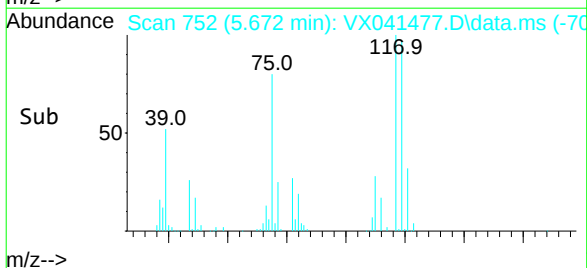
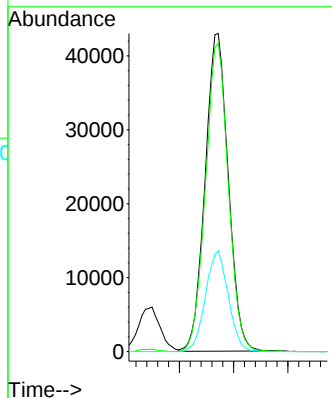
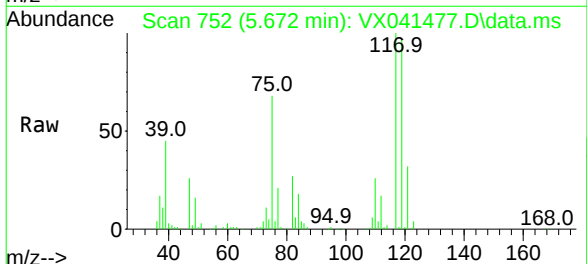
Manual Integrations
APPROVED

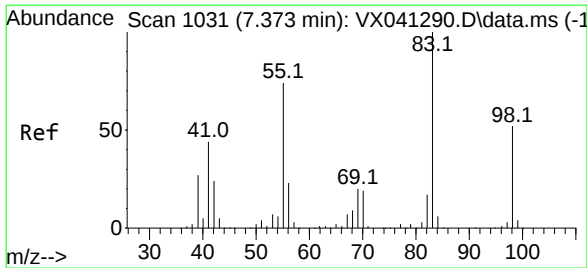
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#38
Carbon Tetrachloride
Concen: 52.771 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion:	117	Resp:	127436
Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.2	117.2
121	31.7	24.4	36.6





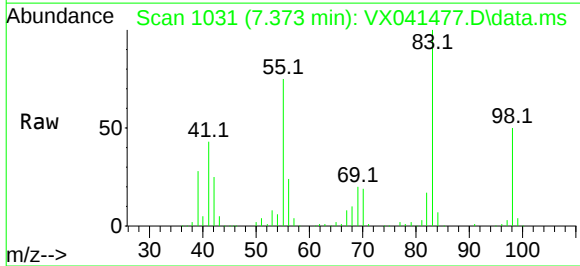
#39
Methylcyclohexane
Concen: 47.374 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



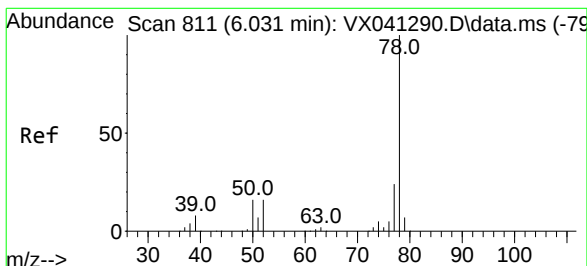
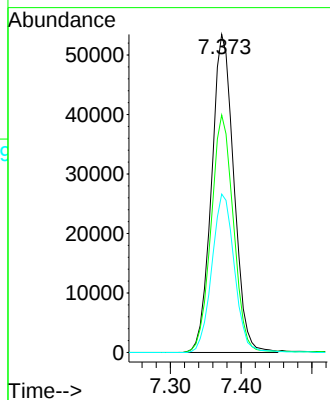
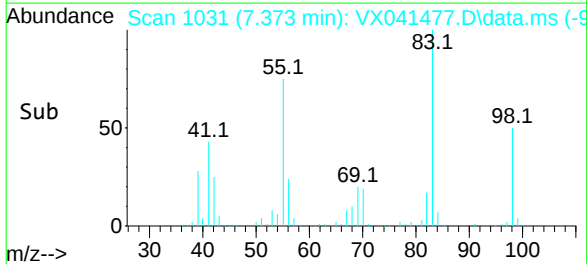
Tgt Ion: 83 Resp: 117321
Ion Ratio Lower Upper
83 100
55 74.7 64.6 97.0
98 49.8 36.7 55.1

Manual Integrations

APPROVED

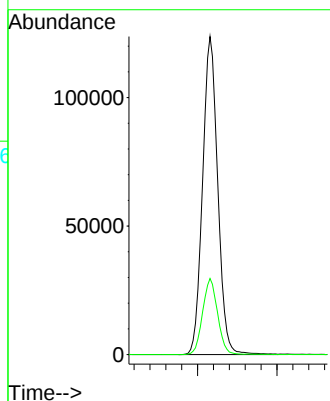
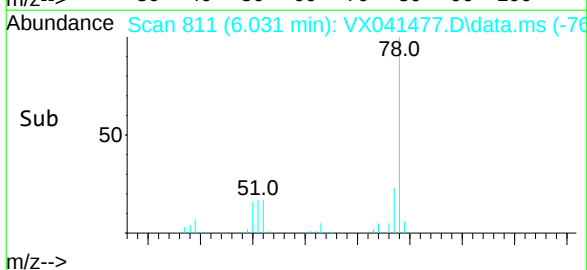
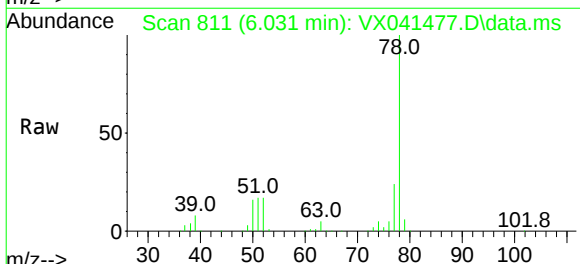
Reviewed By :John Carlone 05/14/2024

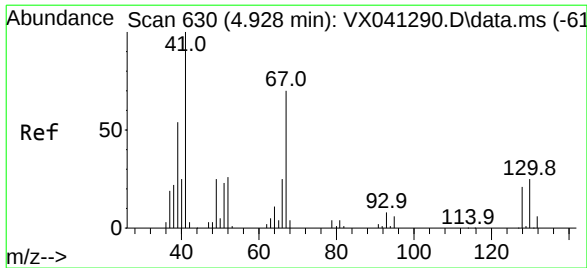
Supervised By :Mahesh Dadoda 05/14/2024



#40
Benzene
Concen: 50.511 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion: 78 Resp: 328240
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





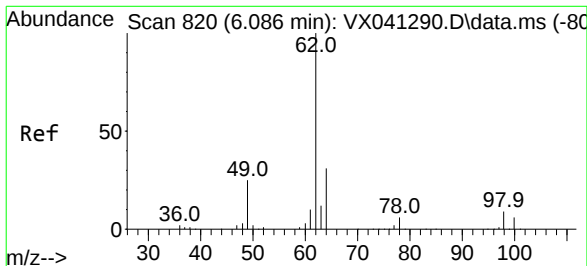
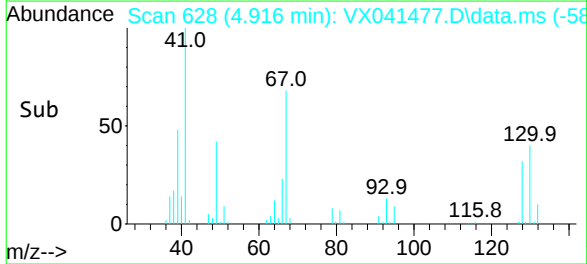
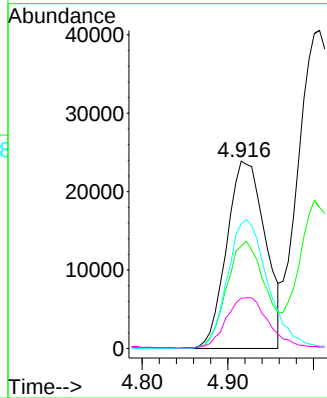
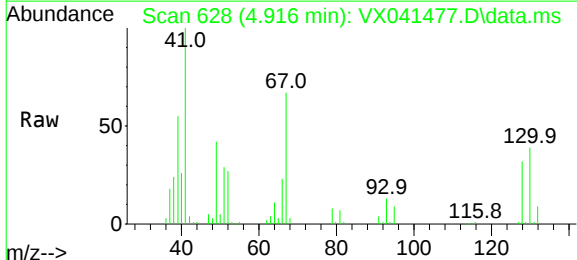
#41
Methacrylonitrile
Concen: 55.323 ug/l
RT: 4.916 min Scan# 62
Delta R.T. -0.012 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	74892
Ion	Ratio	Lower	Upper
41	100		
39	59.0	45.2	67.8
67	72.5	52.6	78.8
52	29.6	22.7	34.1

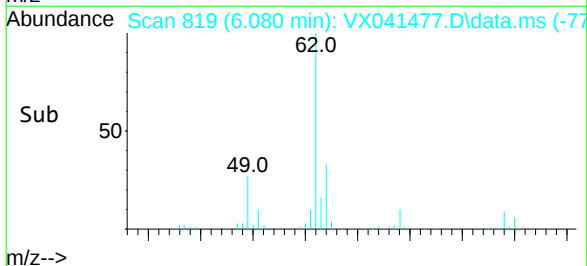
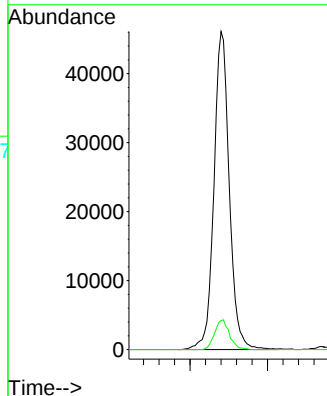
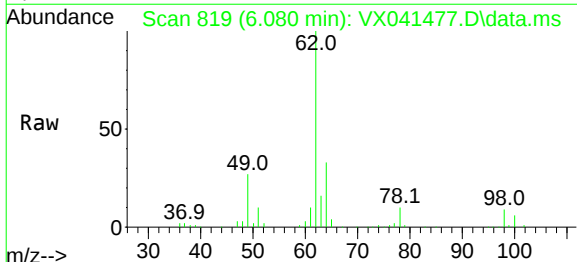
Manual Integrations
APPROVED

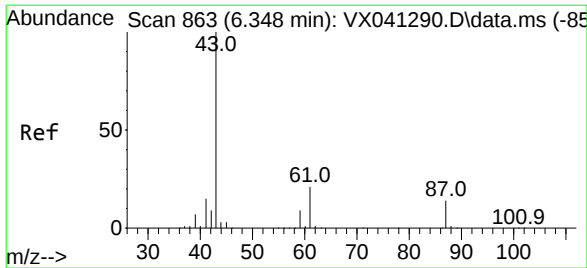
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#42
1,2-Dichloroethane
Concen: 53.217 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion:	62	Resp:	126740
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 51.931 ug/l

RT: 6.342 min Scan# 86

Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

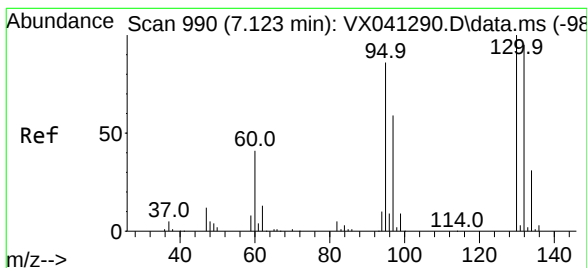
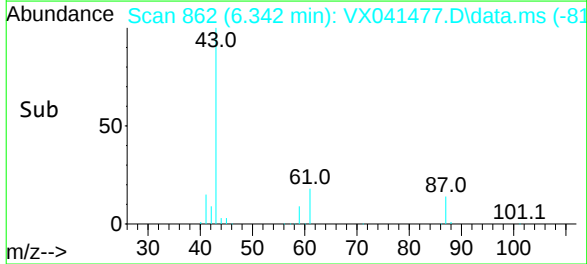
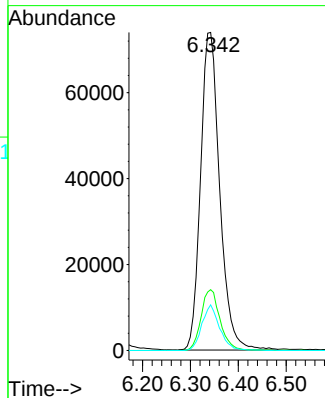
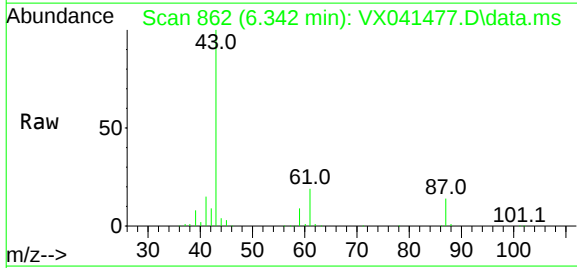
Tgt Ion:	43	Resp:	205369
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.2	22.8
87	13.3	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#44

Trichloroethene

Concen: 47.320 ug/l

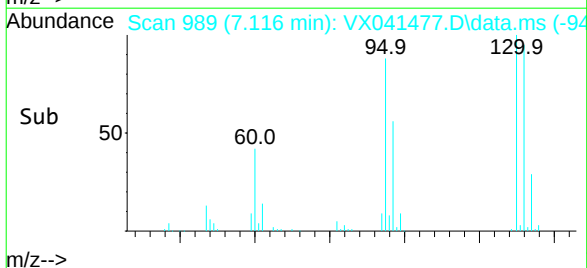
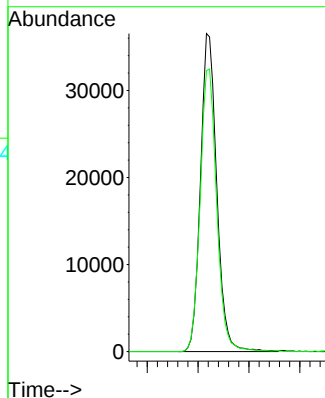
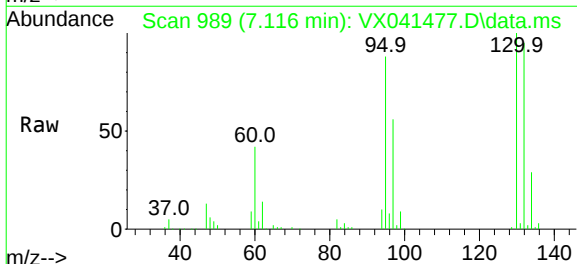
RT: 7.116 min Scan# 989

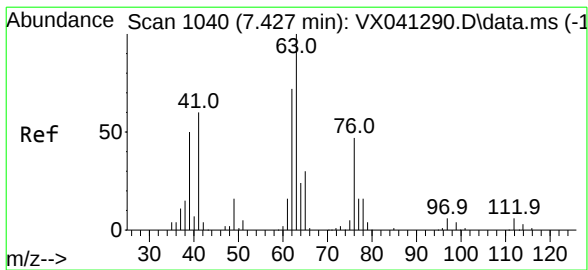
Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Tgt Ion:	130	Resp:	81200
Ion	Ratio	Lower	Upper
130	100		
95	88.3	0.0	204.4





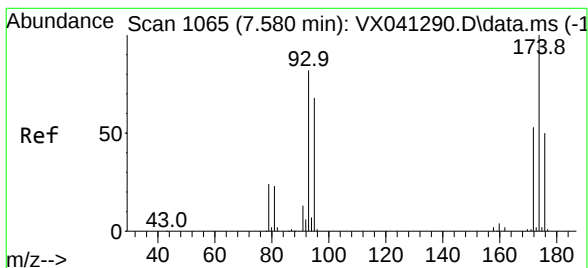
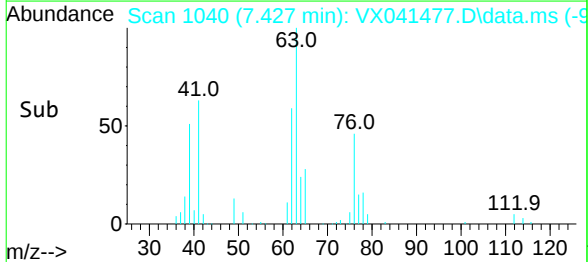
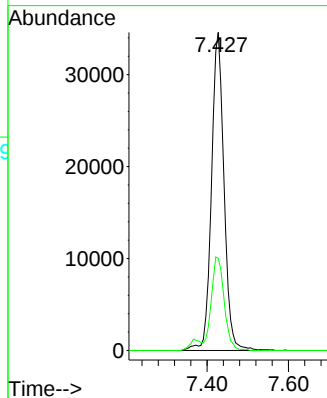
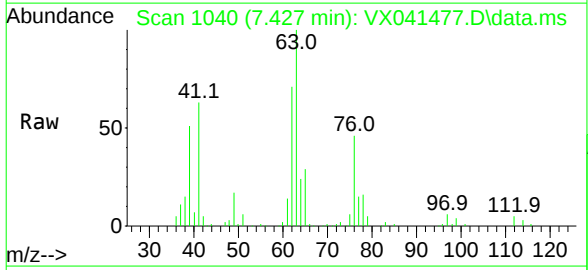
#45
1,2-Dichloropropane
Concen: 51.011 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 74064
Ion Ratio Lower Upper
63 100
65 29.0 24.3 36.5

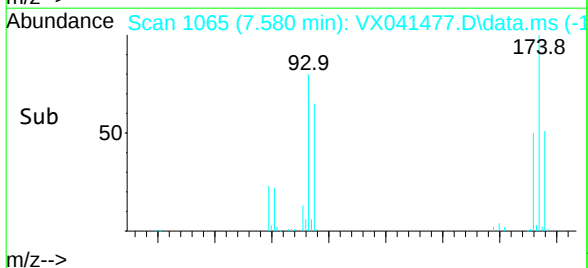
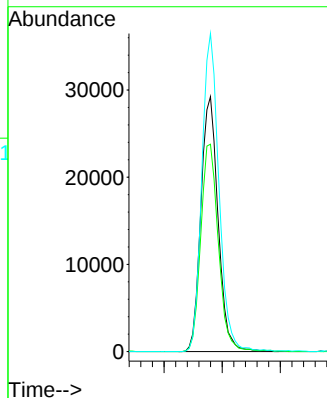
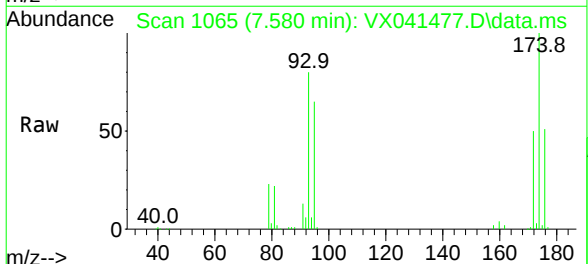
Manual Integrations
APPROVED

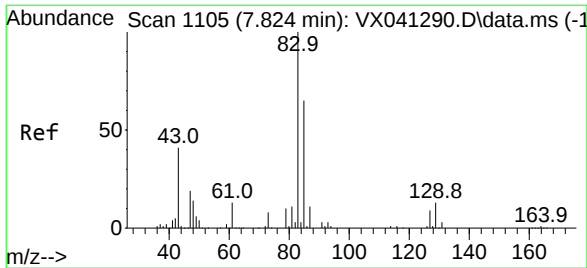
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#46
Dibromomethane
Concen: 52.046 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion: 93 Resp: 60156
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 123.7 69.4 104.0#





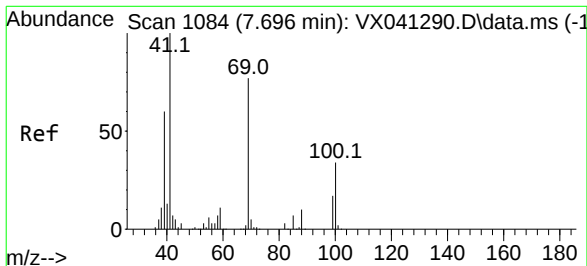
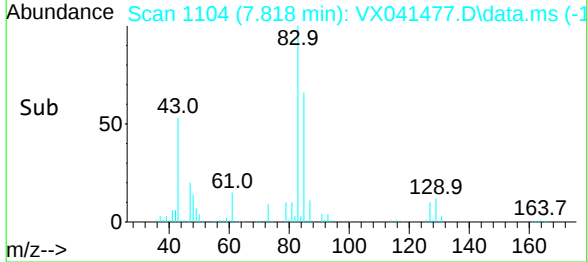
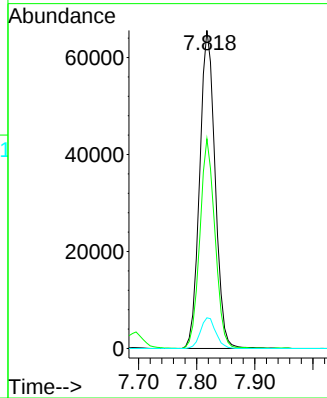
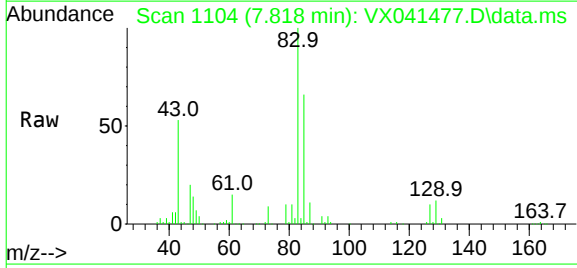
#47
Bromodichloromethane
Concen: 58.812 ug/l
RT: 7.818 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 121135
Ion Ratio Lower Upper
83 100
85 66.0 49.8 74.6
127 9.6 7.1 10.7

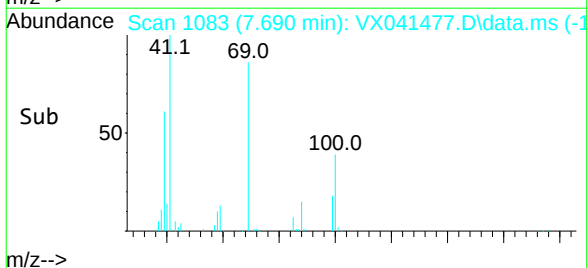
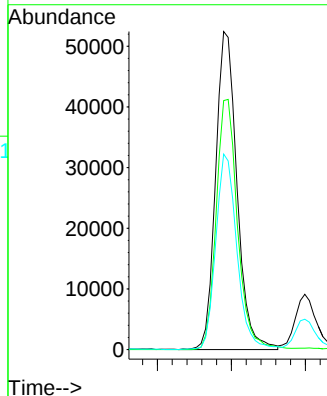
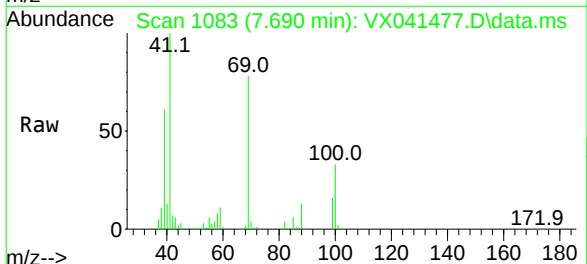
Manual Integrations
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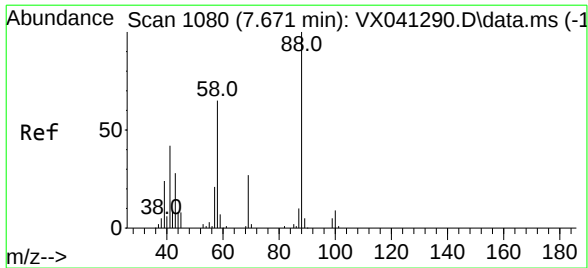
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#48
Methyl methacrylate
Concen: 58.027 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

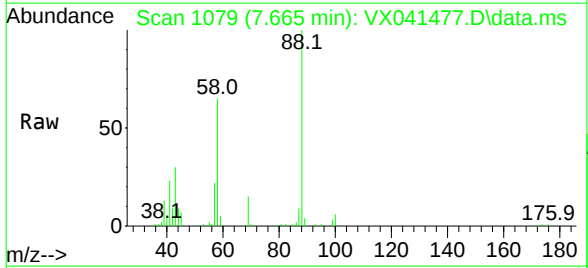
Tgt Ion: 41 Resp: 105196
Ion Ratio Lower Upper
41 100
69 78.5 59.2 88.8
39 60.9 47.7 71.5





#49
1,4-Dioxane
Concen: 1067.103 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

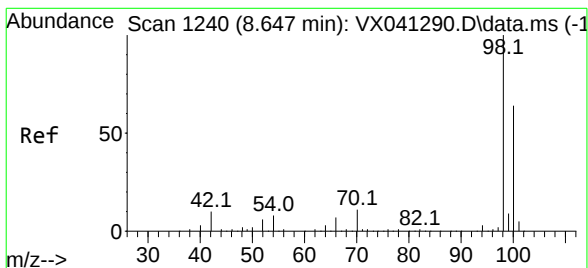
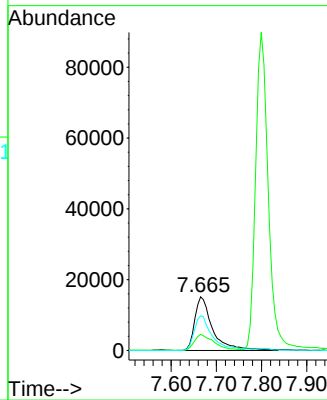
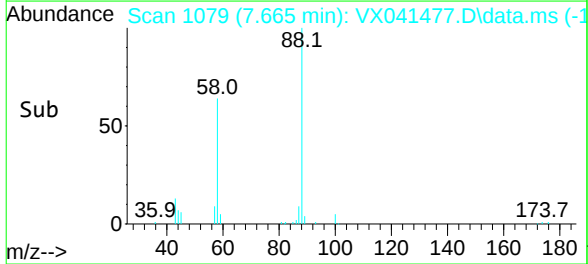
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



Tgt Ion: 88 Resp: 41825
Ion Ratio Lower Upper
88 100
43 32.0 0.0 0.0#
58 65.0 60.1 90.1

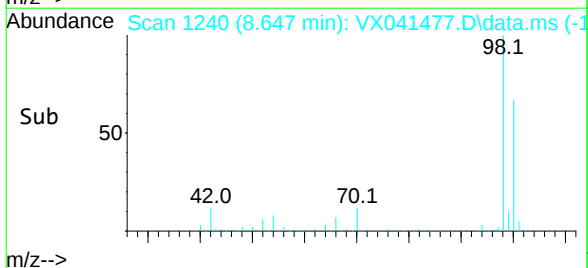
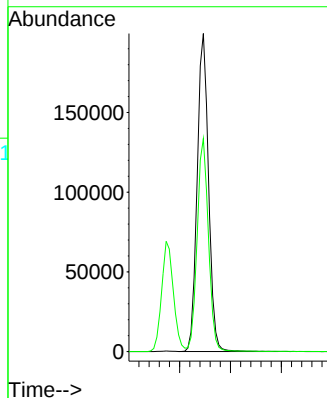
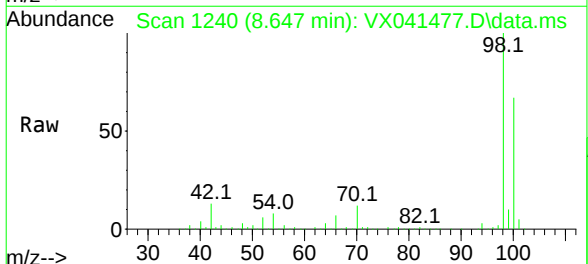
Manual Integrations
APPROVED

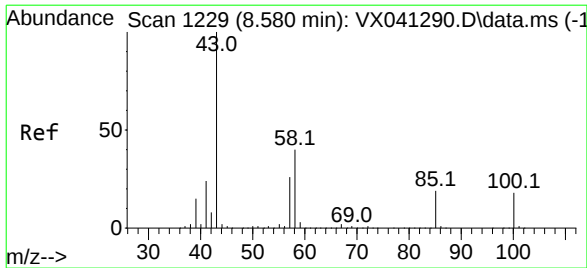
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#50
Toluene-d8
Concen: 55.409 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion: 98 Resp: 309169
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 278.605 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 661134

Ion Ratio Lower Upper

43 100

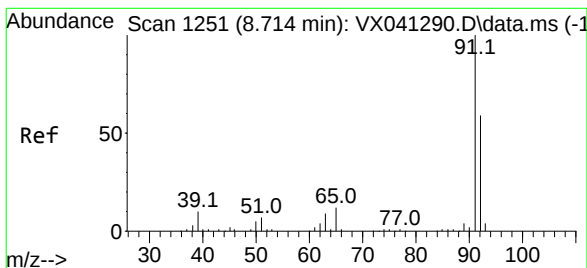
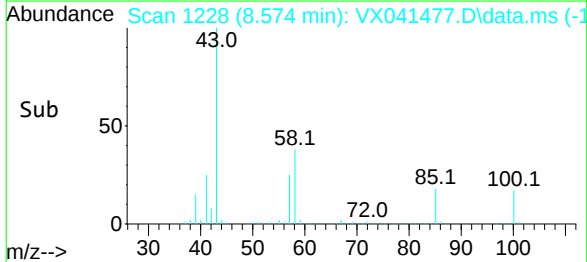
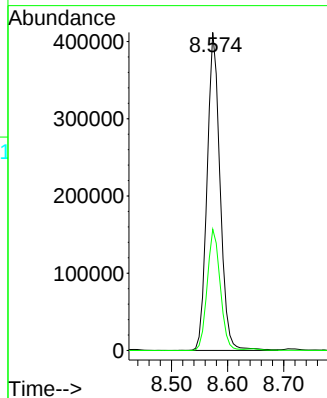
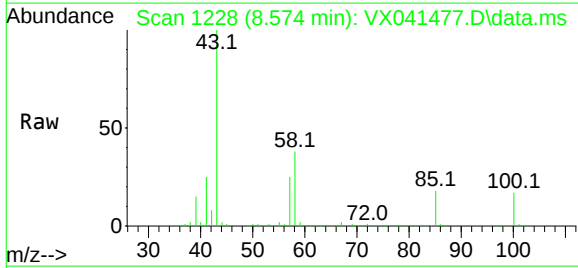
58 38.3 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#52

Toluene

Concen: 53.079 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX041477.D

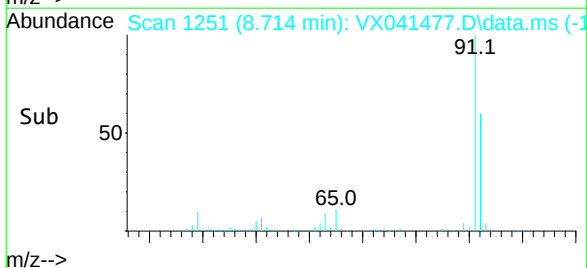
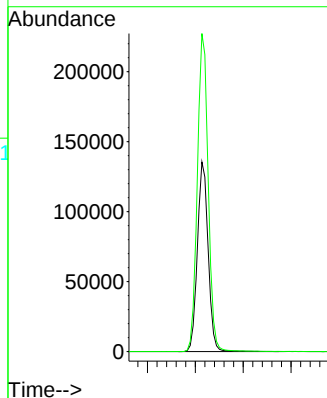
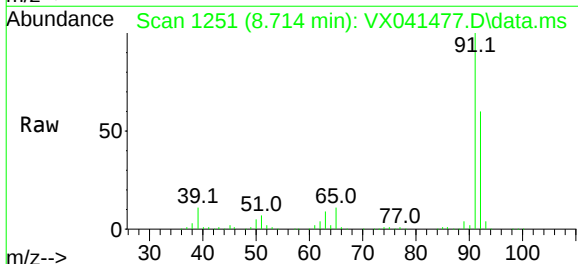
Acq: 13 May 2024 09:08

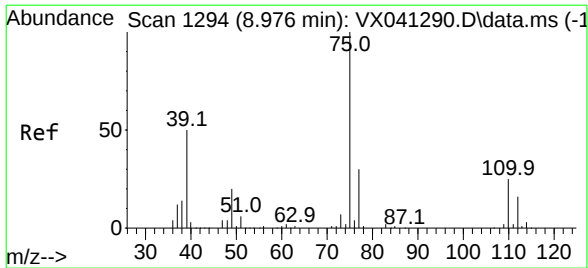
Tgt Ion: 92 Resp: 211004

Ion Ratio Lower Upper

92 100

91 169.5 134.2 201.2





#53
 t-1,3-Dichloropropene
 Concen: 45.787 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. -0.000 min
 Lab File: VX041477.D
 Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

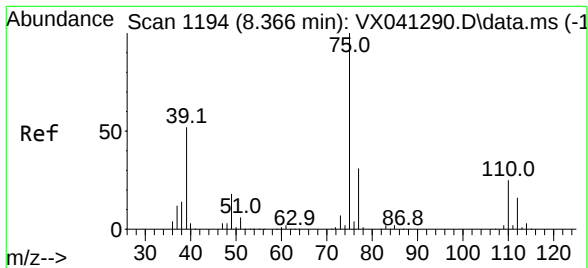
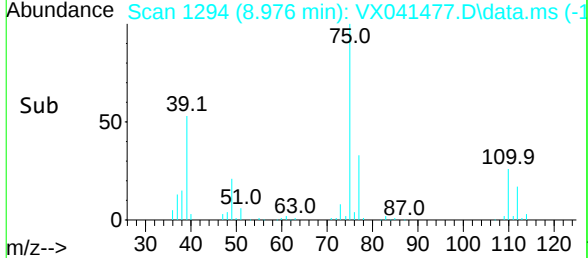
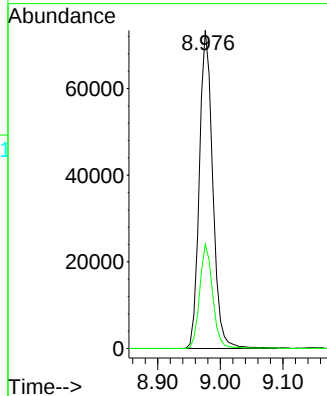
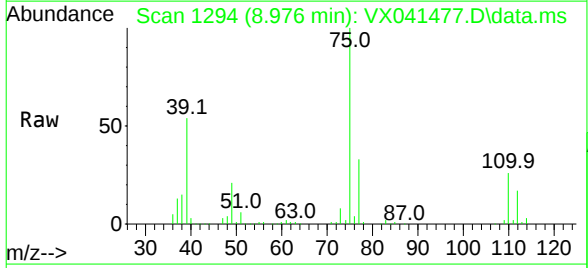
ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 109112
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.7 38.5

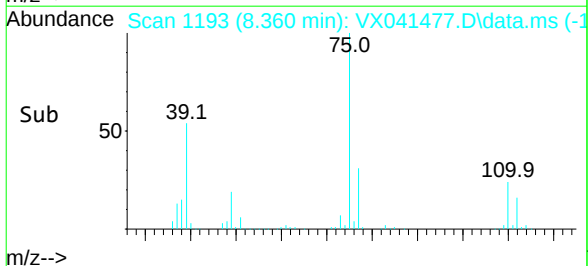
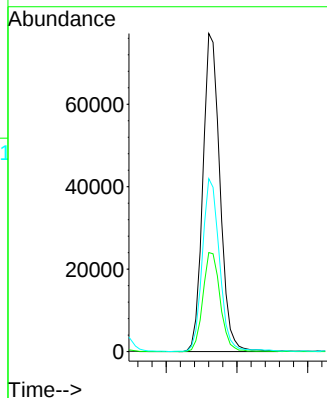
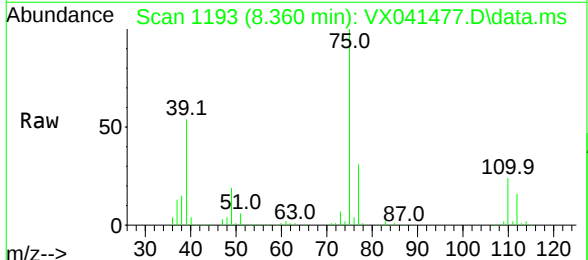
Manual Integrations
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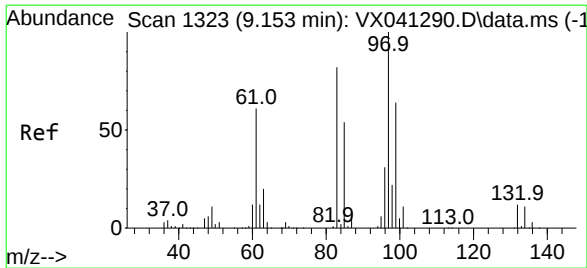
Reviewed By :John Carlone 05/14/2024
 Supervised By :Mahesh Dadoda 05/14/2024



#54
 cis-1,3-Dichloropropene
 Concen: 57.212 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: VX041477.D
 Acq: 13 May 2024 09:08

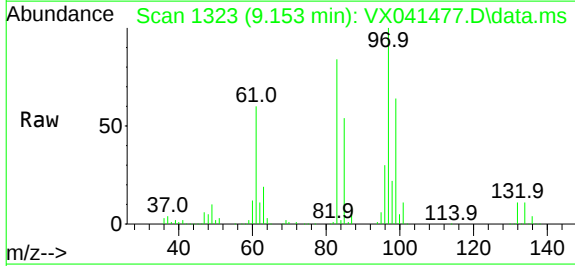
Tgt Ion: 75 Resp: 129549
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 54.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 57.677 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

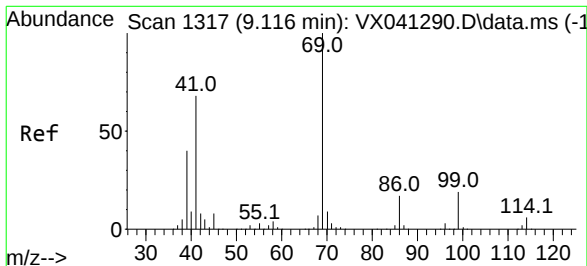
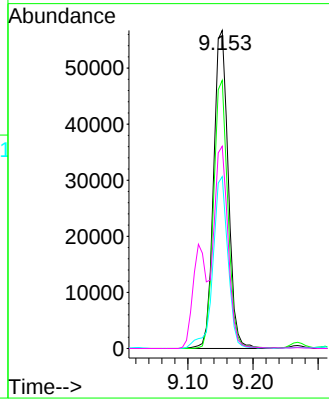
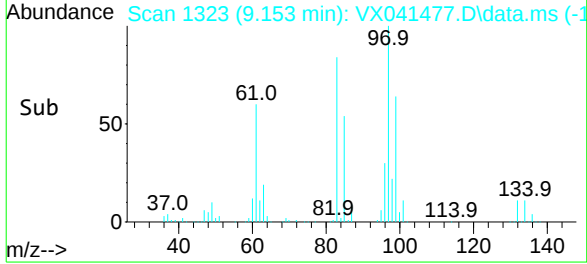
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	88297
Ion	Ratio	Lower	Upper
97	100		
83	84.3	65.8	98.8
85	54.0	41.6	62.4
99	63.6	47.8	71.8

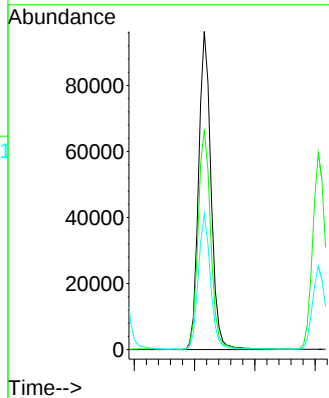
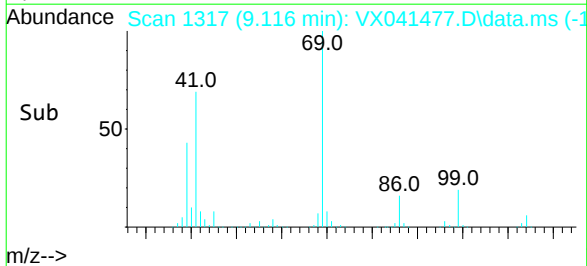
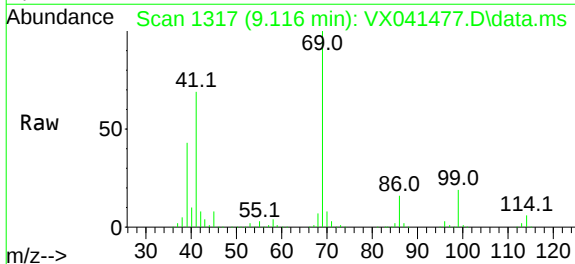
Manual Integrations
APPROVED

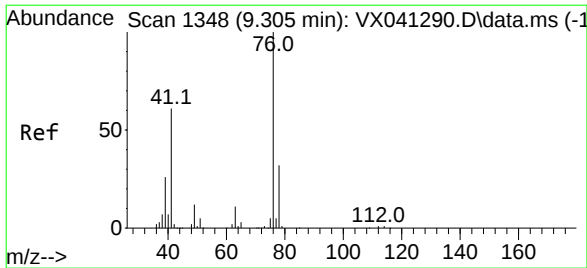
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#56
Ethyl methacrylate
Concen: 58.279 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

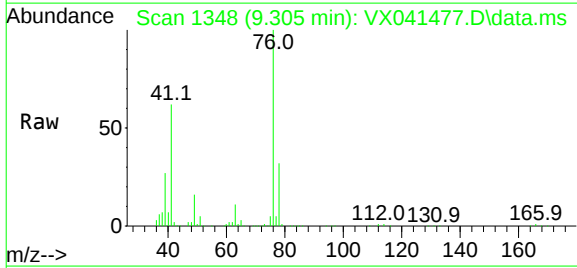
Tgt Ion:	69	Resp:	138080
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.8	85.2
39	41.7	32.0	48.0





#57
1,3-Dichloropropane
Concen: 55.200 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

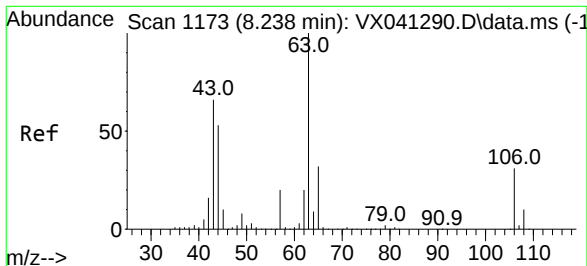
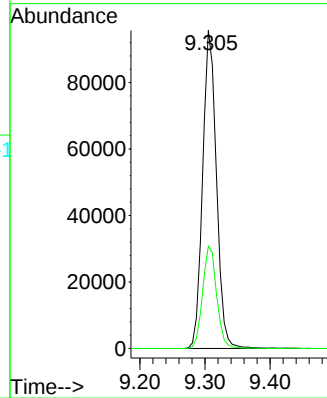
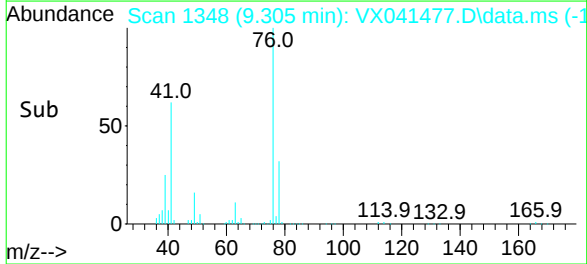
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 141034
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

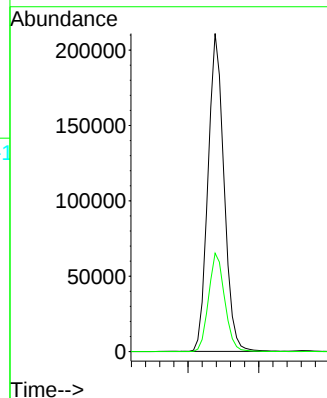
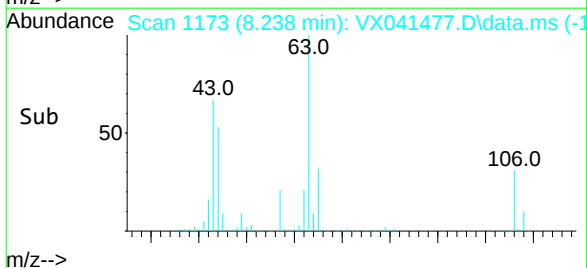
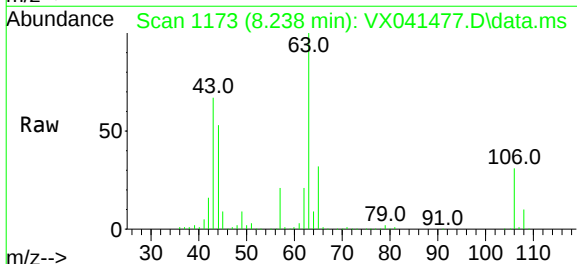
Manual Integrations
APPROVED

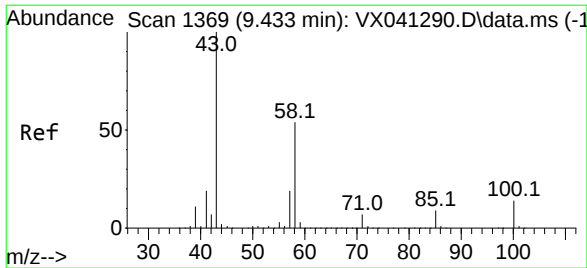
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 288.564 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion: 63 Resp: 331505
Ion Ratio Lower Upper
63 100
106 31.2 22.5 33.7





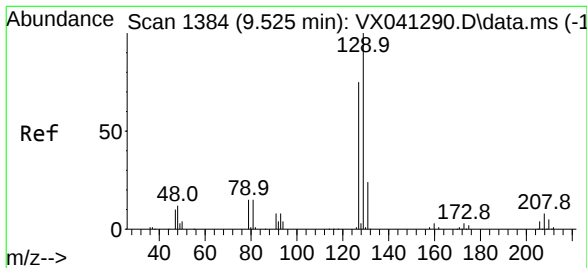
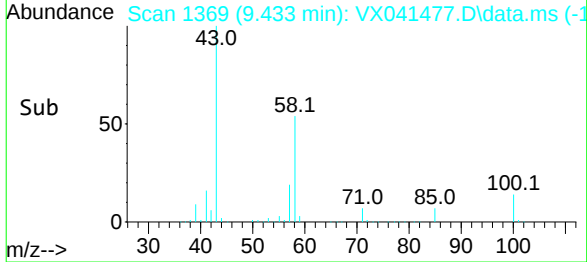
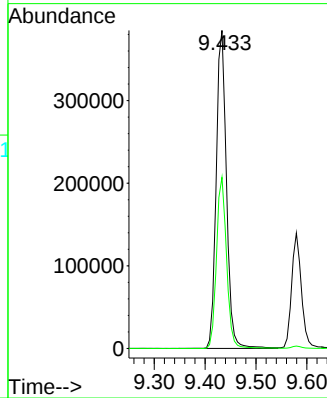
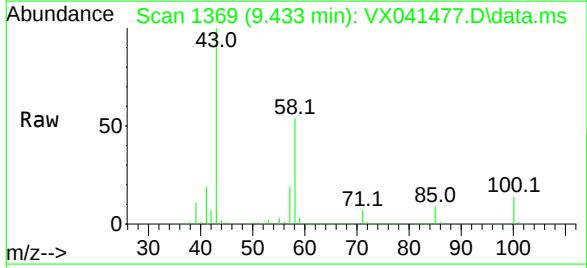
#59
2-Hexanone
Concen: 284.270 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 539416
Ion Ratio Lower Upper
43 100
58 53.1 26.2 78.5

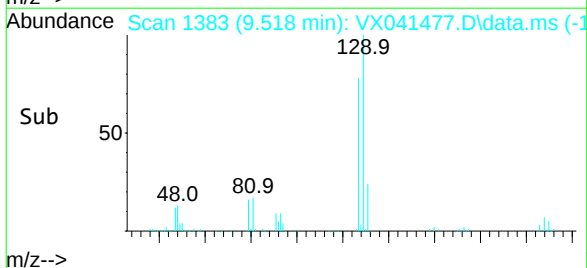
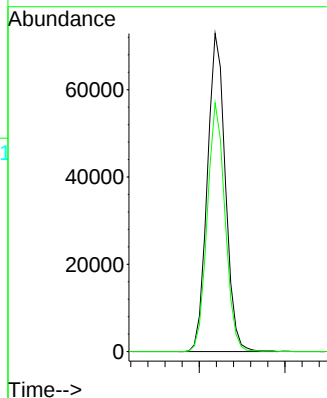
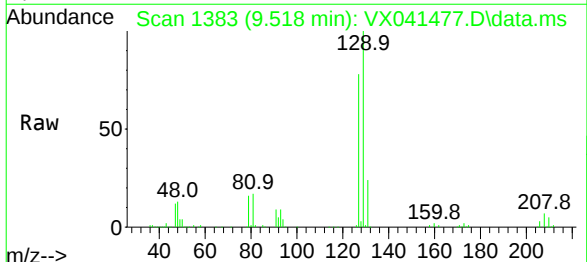
Manual Integrations
APPROVED

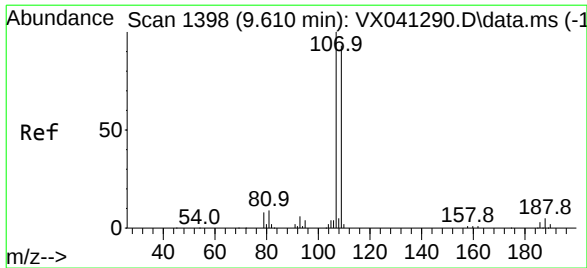
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#60
Dibromochloromethane
Concen: 59.009 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

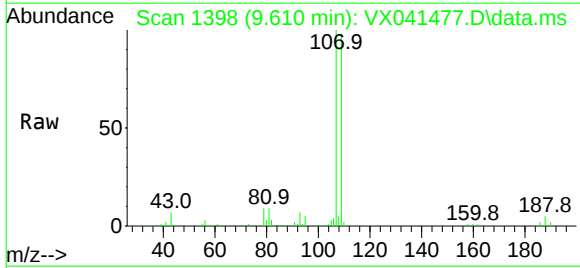
Tgt Ion:129 Resp: 106348
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.801 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

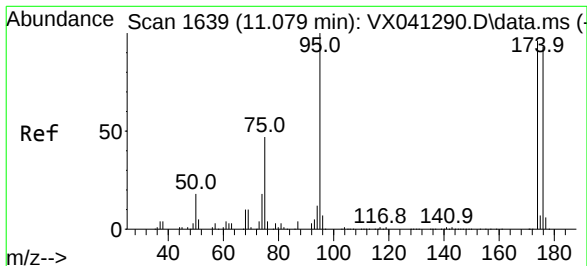
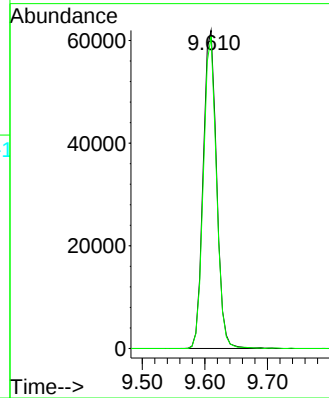
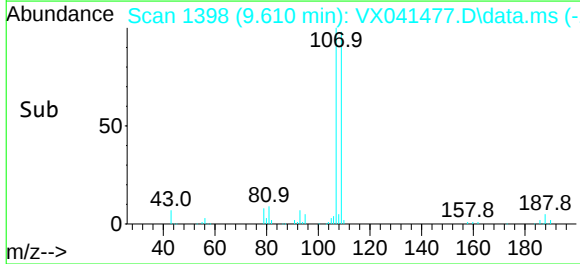
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050



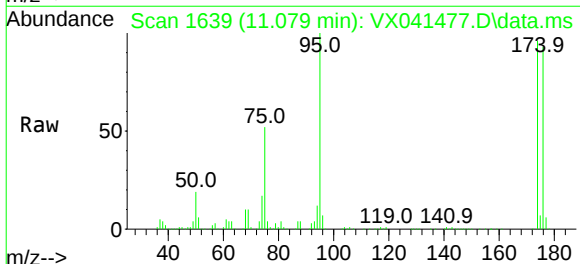
Tgt Ion: 107 Resp: 92297
Ion Ratio Lower Upper
107 100
109 95.7 75.2 112.8

Manual Integrations
APPROVED

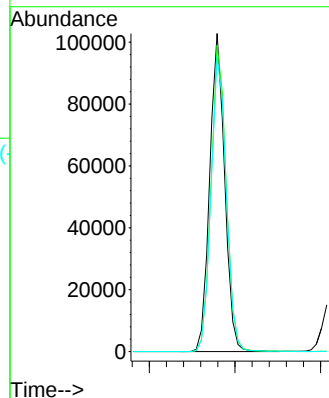
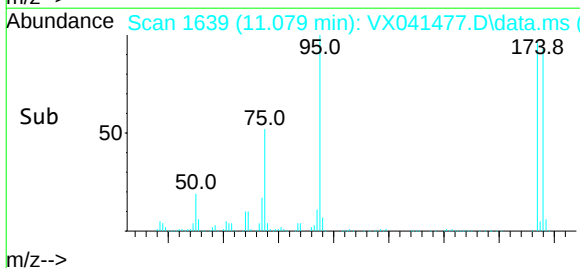
Reviewed By : John Carlone 05/14/2024
Supervised By : Mahesh Dadoda 05/14/2024

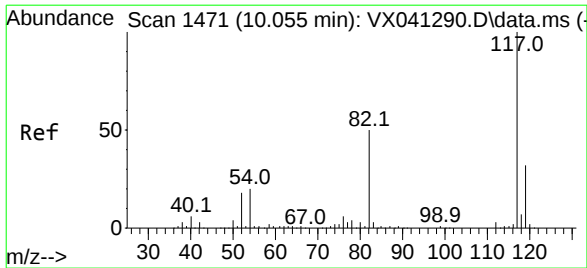


#62
4-Bromofluorobenzene
Concen: 57.619 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08



Tgt Ion: 95 Resp: 124453
Ion Ratio Lower Upper
95 100
174 97.5 0.0 135.6
176 95.0 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

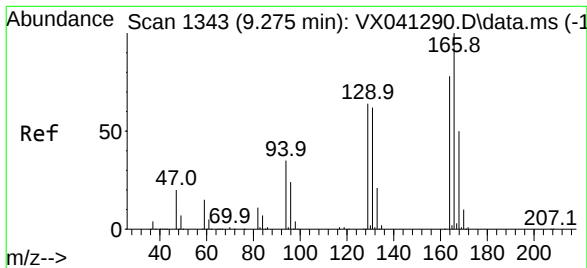
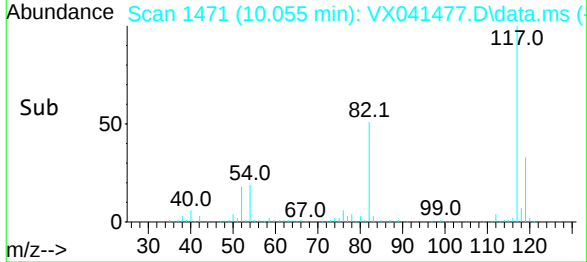
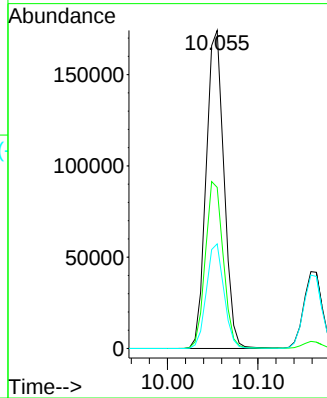
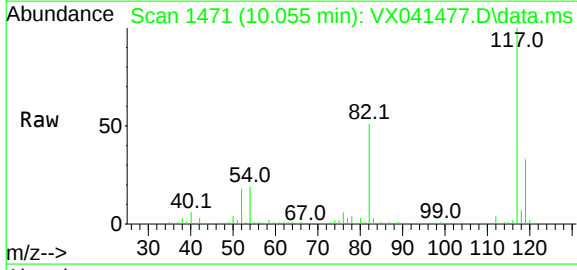
Tgt Ion:	117	Resp:	239052
Ion	Ratio	Lower	Upper
117	100		
82	50.6	46.2	69.4
119	32.9	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#64

Tetrachloroethene

Concen: 50.488 ug/l

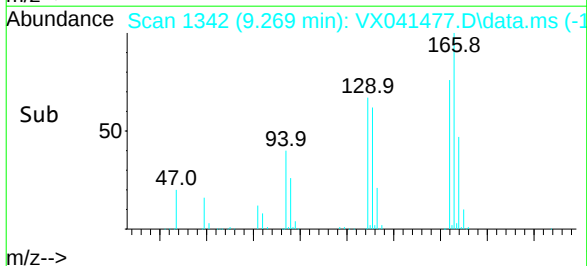
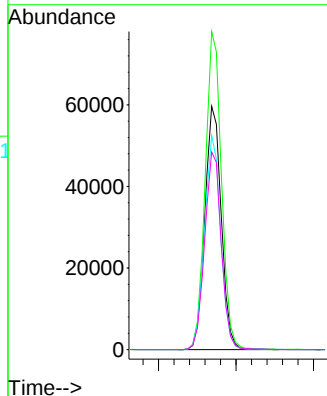
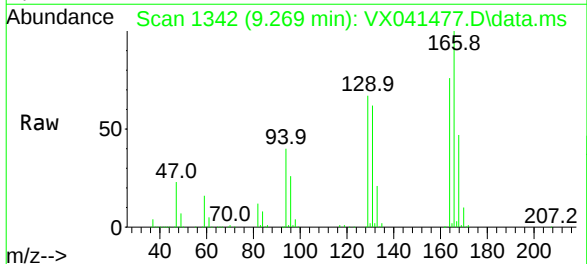
RT: 9.269 min Scan# 1342

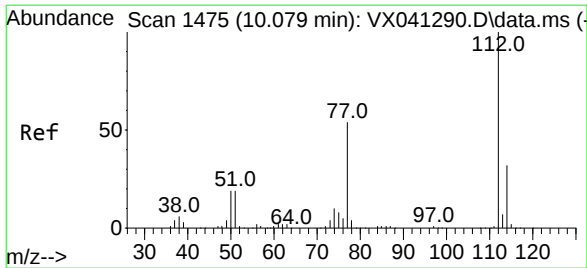
Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Tgt Ion:	164	Resp:	87398
Ion	Ratio	Lower	Upper
164	100		
166	130.7	102.7	154.1
129	88.0	80.4	120.6
131	81.2	76.5	114.7





#65

Chlorobenzene

Concen: 52.043 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 252556

Ion Ratio Lower Upper

112 100

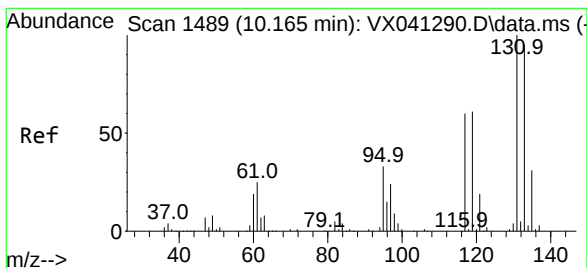
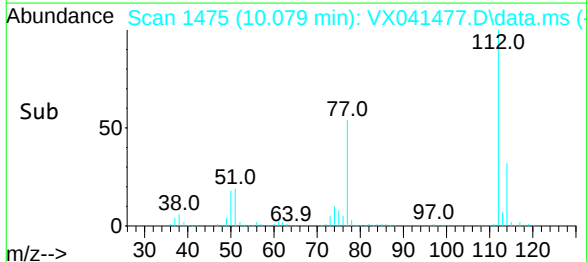
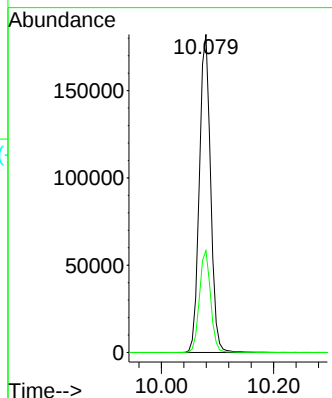
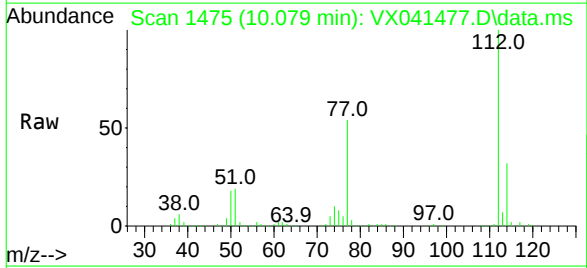
114 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 54.217 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

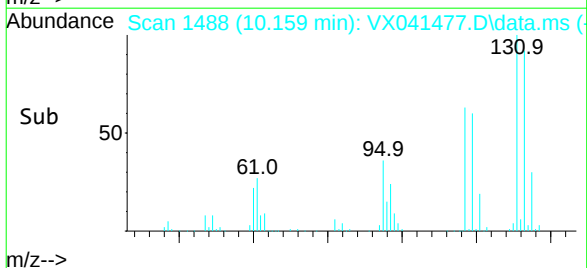
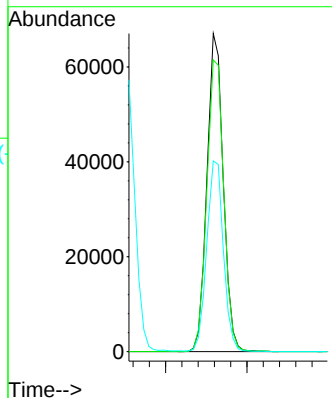
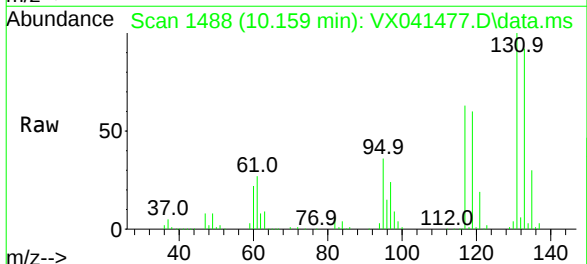
Tgt Ion:131 Resp: 92966

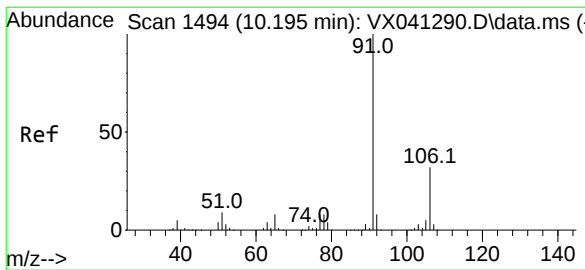
Ion Ratio Lower Upper

131 100

133 95.6 47.1 141.4

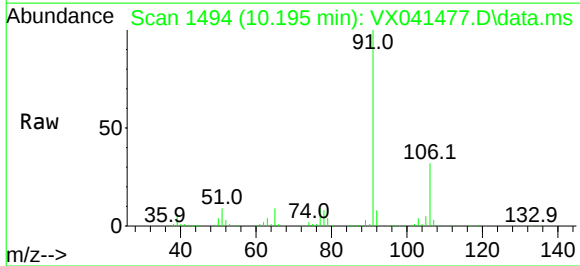
119 61.5 32.2 96.6





#67
Ethyl Benzene
Concen: 51.835 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

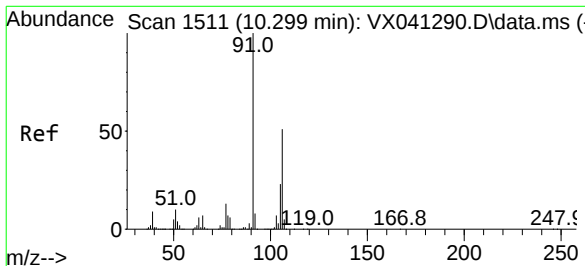
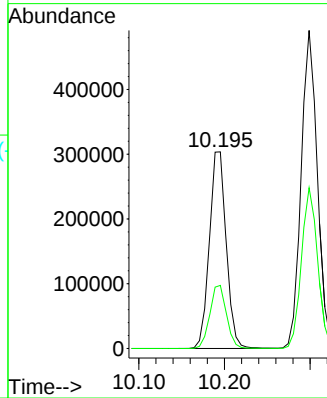
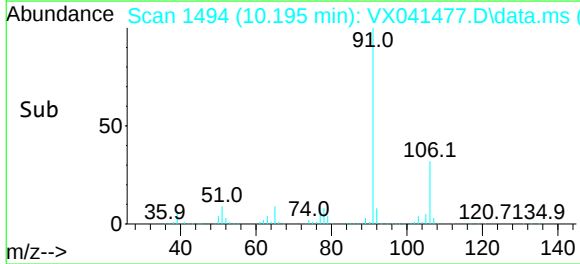
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



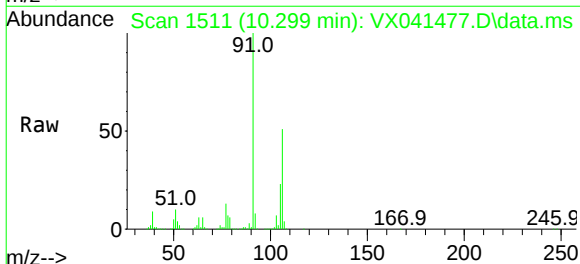
Tgt Ion: 91 Resp: 415021
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

Manual Integrations
APPROVED

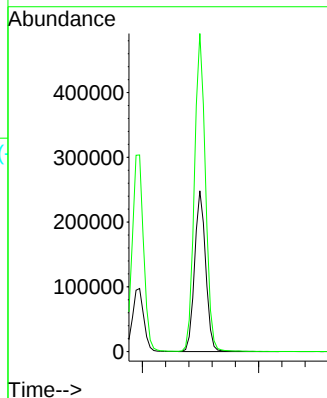
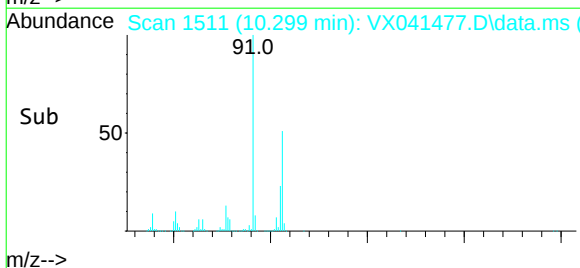
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024

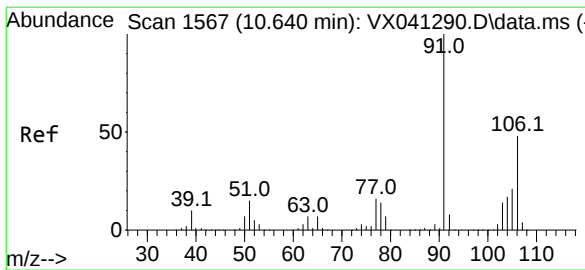


#68
m/p-Xylenes
Concen: 102.111 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08



Tgt Ion:106 Resp: 327393
Ion Ratio Lower Upper
106 100
91 197.8 165.5 248.3





#69

o-Xylene

Concen: 52.374 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:106 Resp: 160785

Ion Ratio Lower Upper

106 100

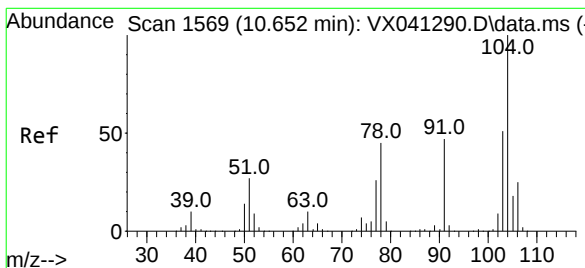
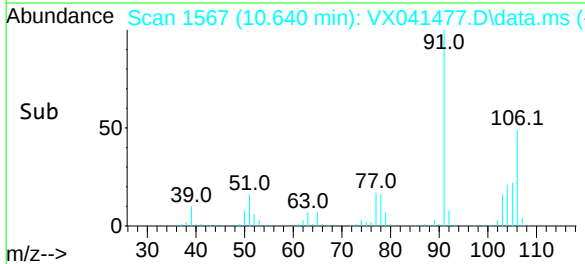
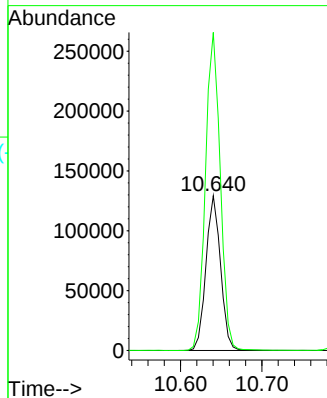
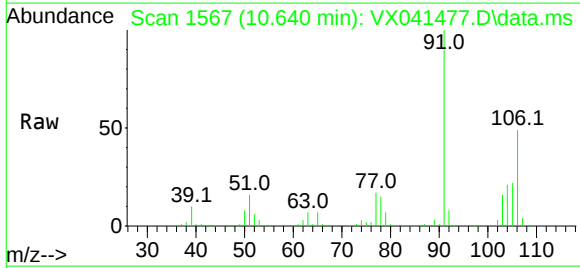
91 209.0 108.9 326.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#70

Styrene

Concen: 54.781 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

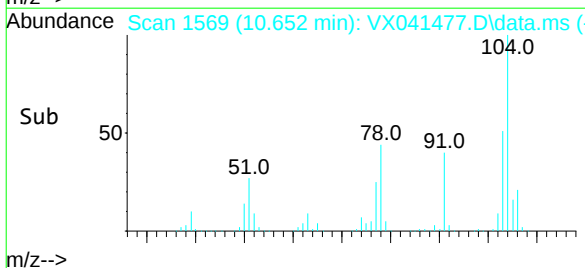
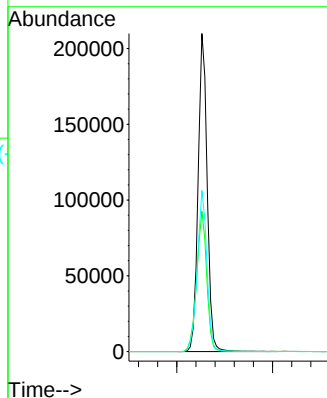
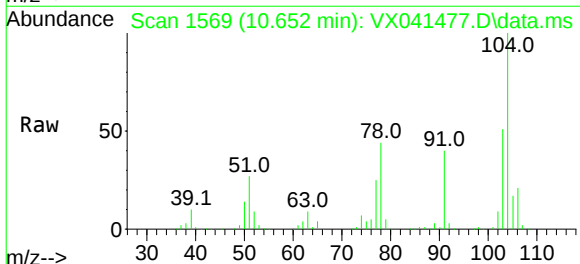
Tgt Ion:104 Resp: 275958

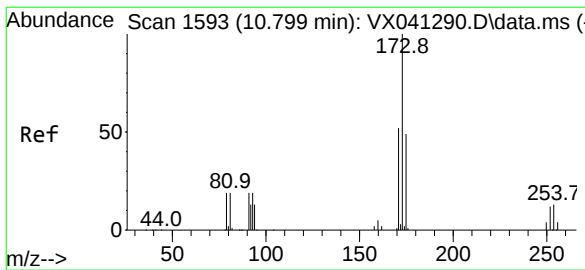
Ion Ratio Lower Upper

104 100

78 48.6 43.6 65.4

103 54.5 43.6 65.4





#71

Bromoform

Concen: 54.067 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

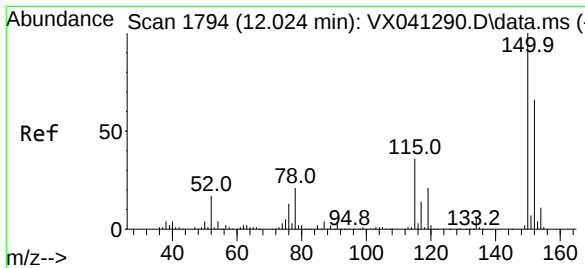
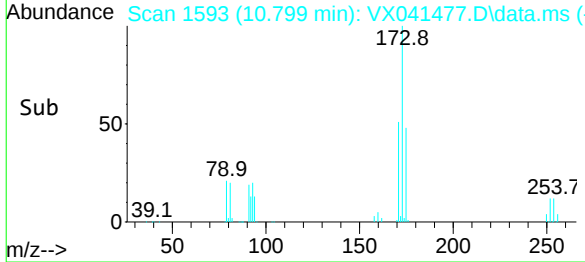
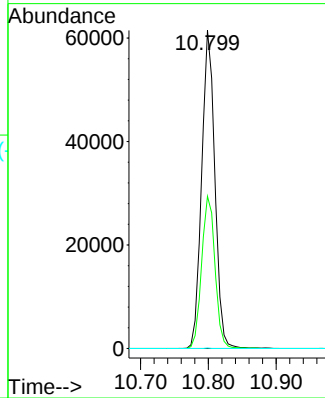
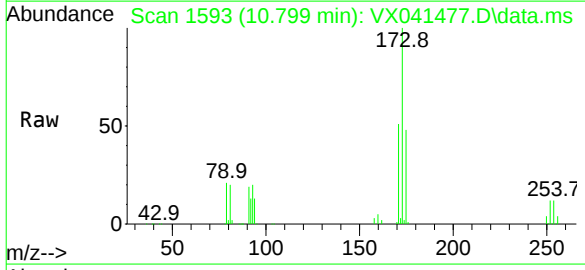
Tgt Ion:	173	Resp:	82969
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.1	72.4
254	0.0	0.0	0.0

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

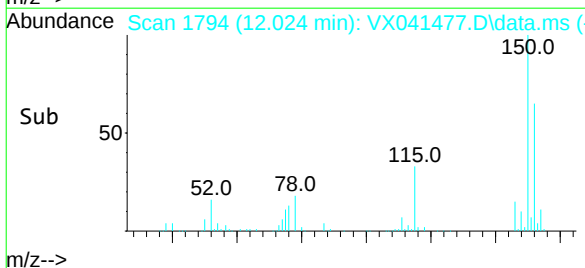
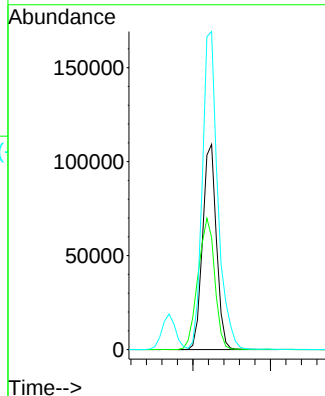
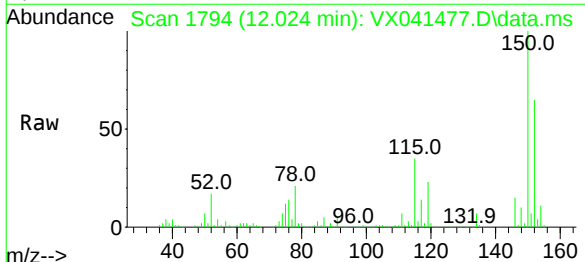
RT: 12.024 min Scan# 1794

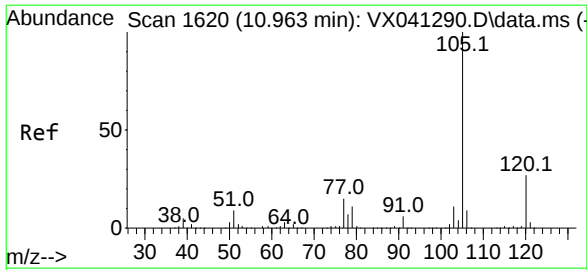
Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Tgt Ion:	152	Resp:	135746
Ion Ratio	Lower	Upper	
152	100		
115	77.1	43.3	129.9
150	173.1	0.0	345.0





#73

Isopropylbenzene

Concen: 51.710 ug/l

RT: 10.963 min Scan# 16

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

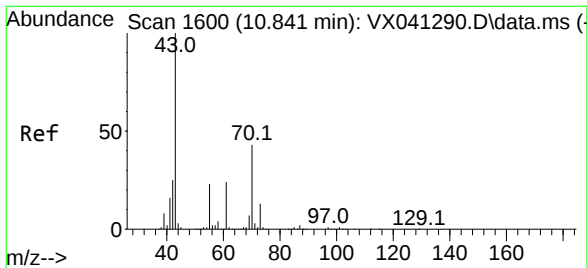
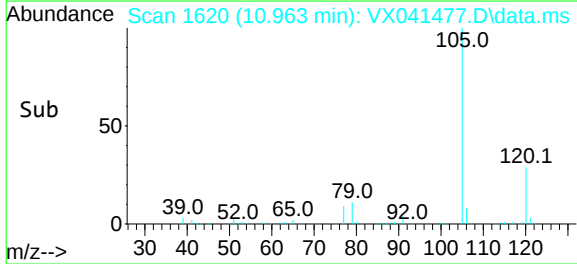
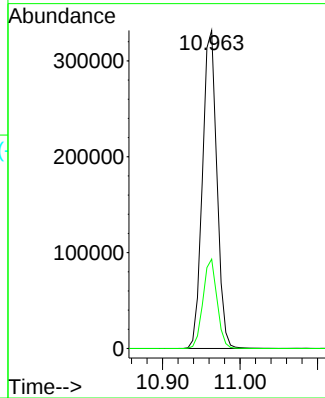
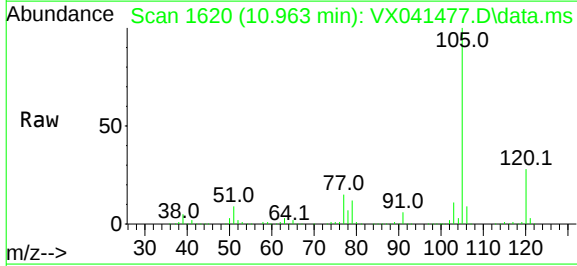
Tgt Ion:105 Resp: 428475
 Ion Ratio Lower Upper
 105 100
 120 27.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#74

N-ethyl acetate

Concen: 53.304 ug/l

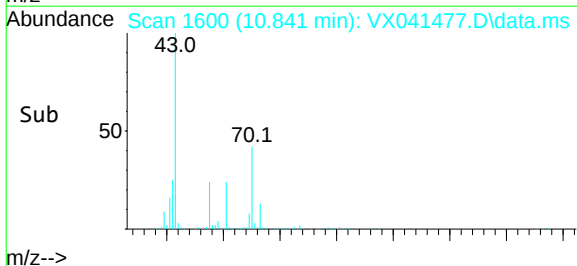
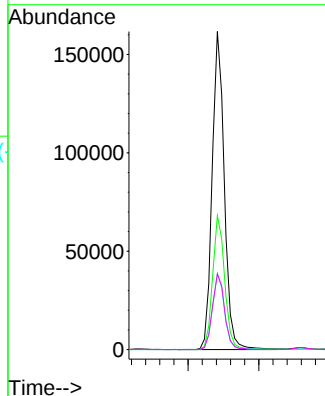
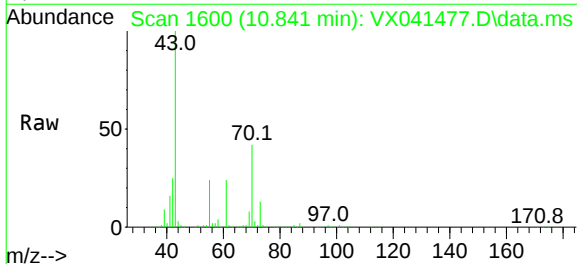
RT: 10.841 min Scan# 1600

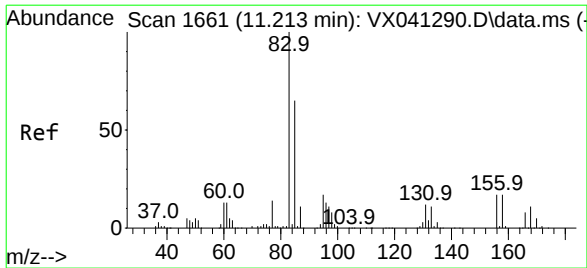
Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Tgt Ion: 43 Resp: 192970
 Ion Ratio Lower Upper
 43 100
 70 42.0 32.9 49.3
 55 23.8 19.3 28.9
 61 23.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.397 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

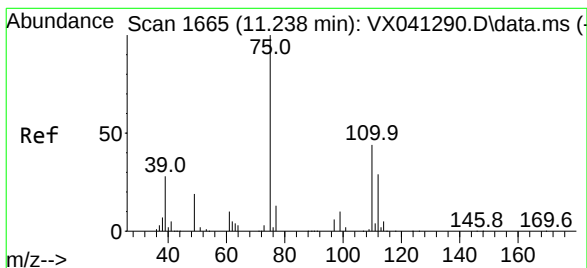
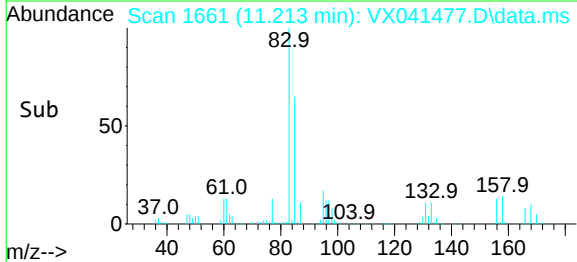
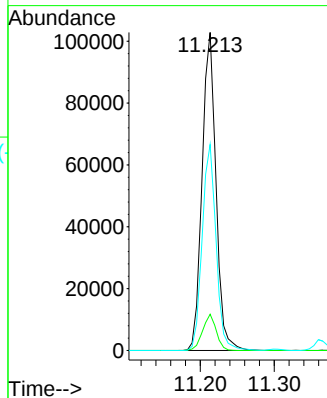
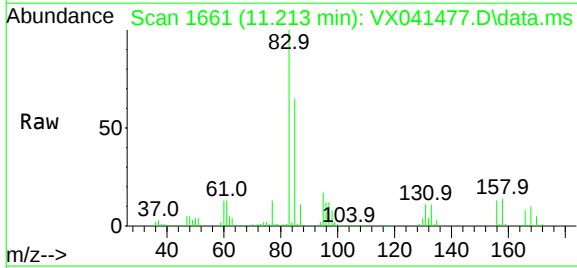
Tgt Ion:	83	Resp:	134122
Ion	Ratio	Lower	Upper
83	100		
131	11.2	5.3	15.8
85	64.9	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#76

1,2,3-Trichloropropane

Concen: 49.623 ug/l m

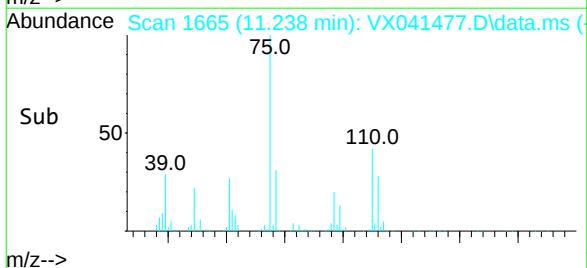
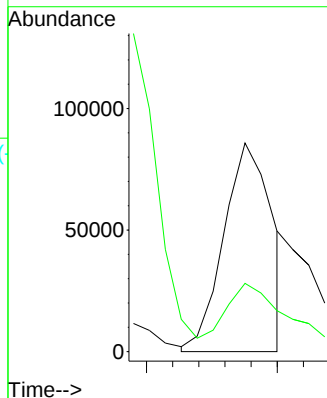
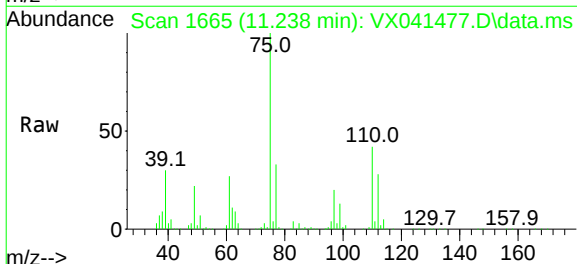
RT: 11.238 min Scan# 1665

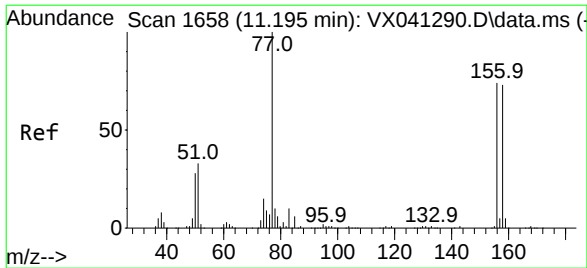
Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

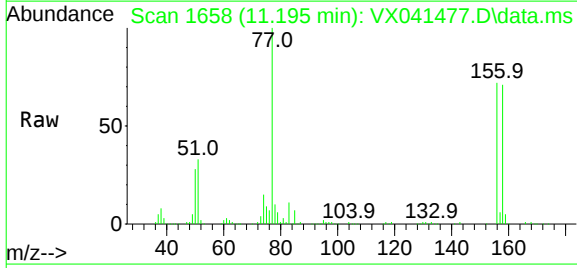
Tgt Ion:	75	Resp:	109777
Ion	Ratio	Lower	Upper
75	100		
77	43.6	19.1	57.5





#77
Bromobenzene
Concen: 51.129 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

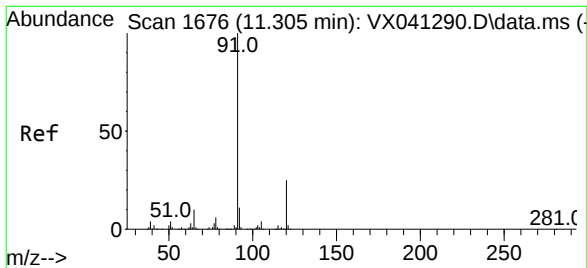
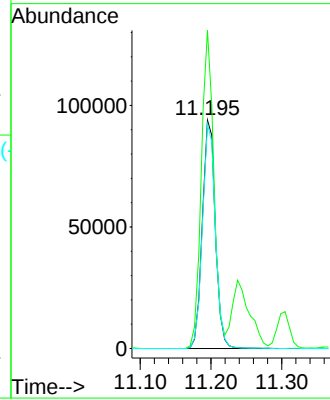
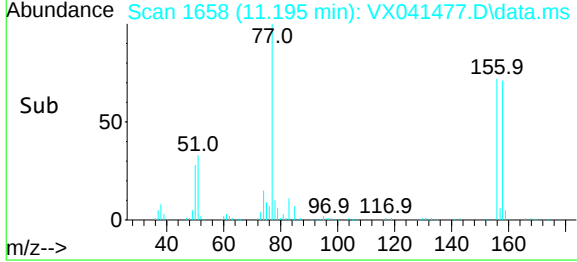
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 119574
Ion Ratio Lower Upper
156 100
77 134.4 88.4 265.3
158 98.4 48.0 144.0

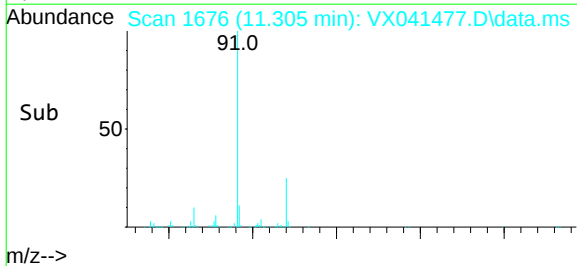
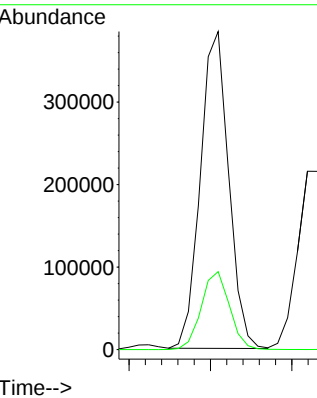
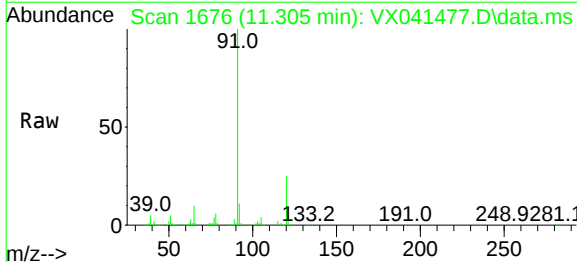
Manual Integrations
APPROVED

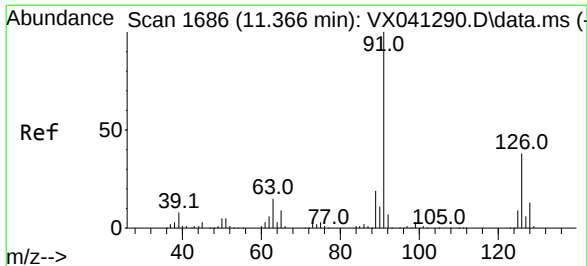
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#78
n-propylbenzene
Concen: 53.342 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion: 91 Resp: 464235
Ion Ratio Lower Upper
91 100
120 24.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.631 ug/l

RT: 11.360 min Scan# 16

Delta R.T. -0.006 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 283956

Ion Ratio Lower Upper

91 100

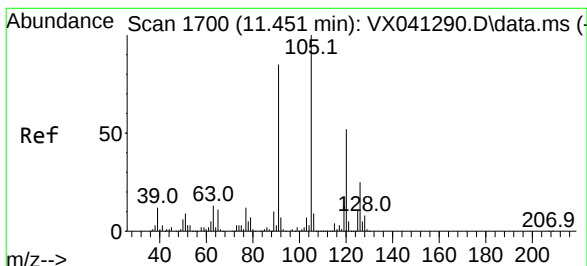
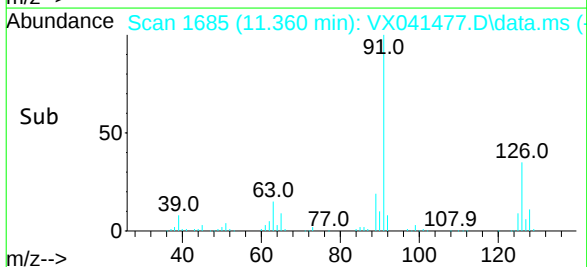
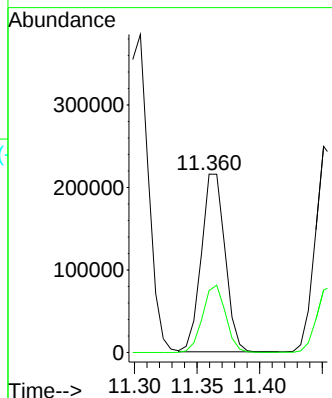
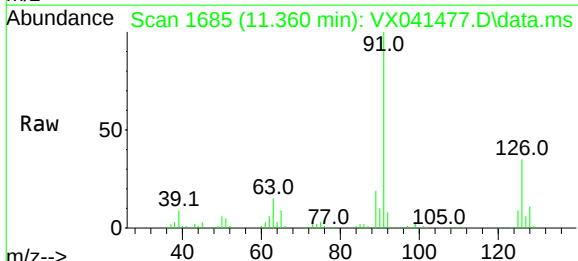
126 36.7 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 49.856 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX041477.D

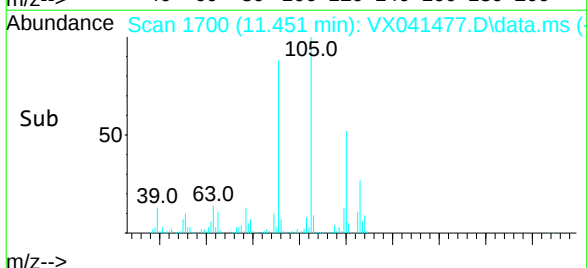
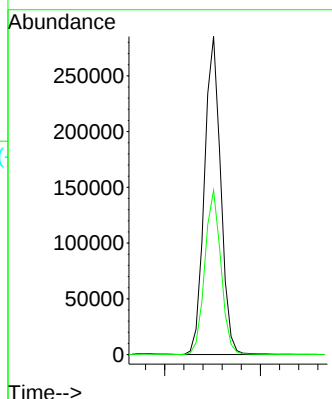
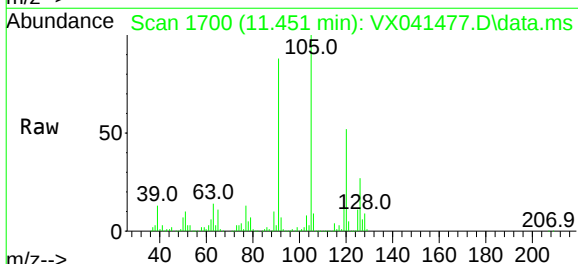
Acq: 13 May 2024 09:08

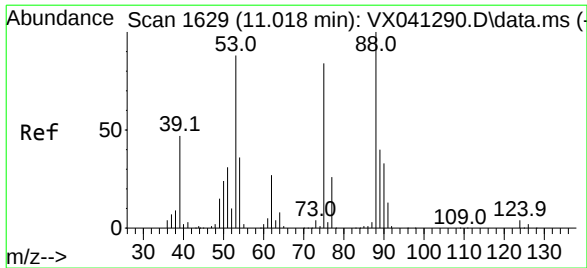
Tgt Ion:105 Resp: 336772

Ion Ratio Lower Upper

105 100

120 51.0 24.1 72.3





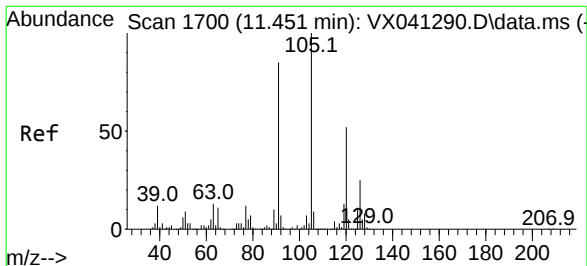
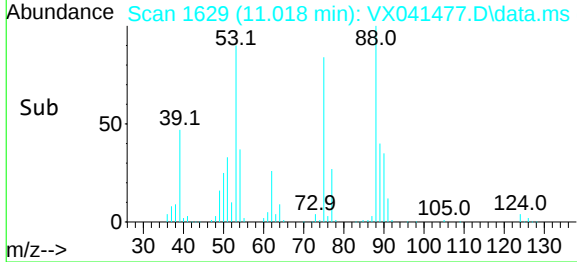
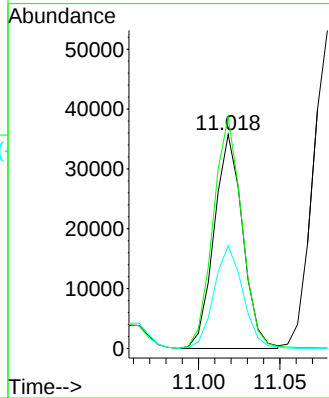
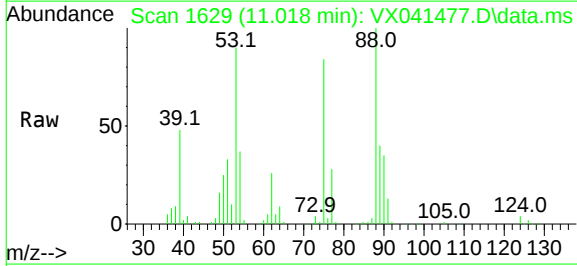
#81
trans-1,4-Dichloro-2-butene
Concen: 53.663 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.5	90.5	135.7
89	48.5	36.9	55.3

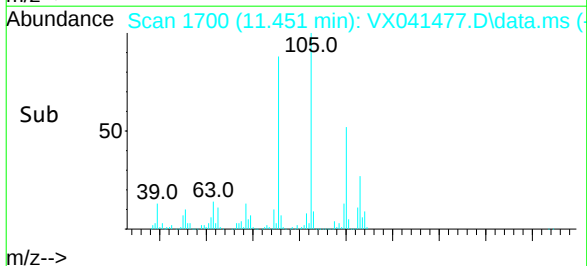
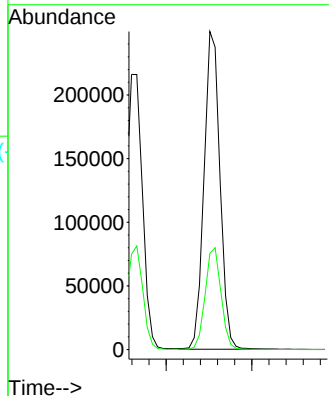
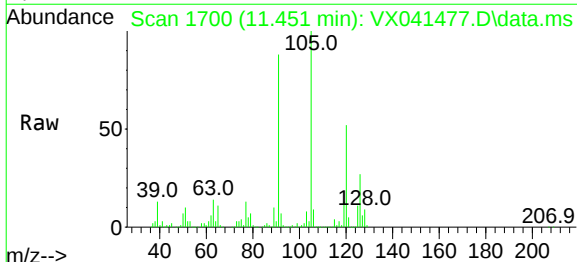
Manual Integrations
APPROVED

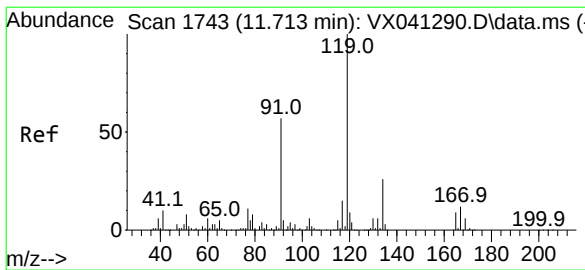
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#82
4-Chlorotoluene
Concen: 50.617 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	14.2	42.6





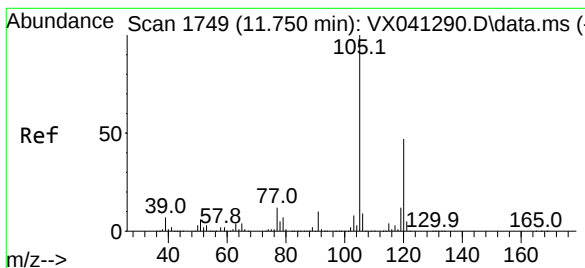
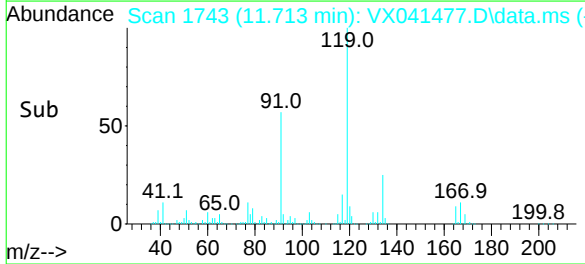
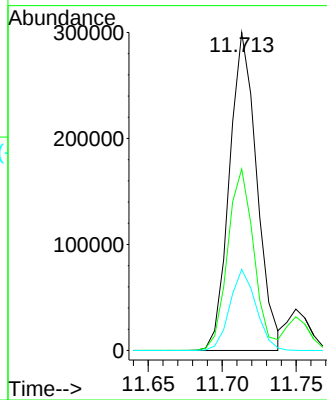
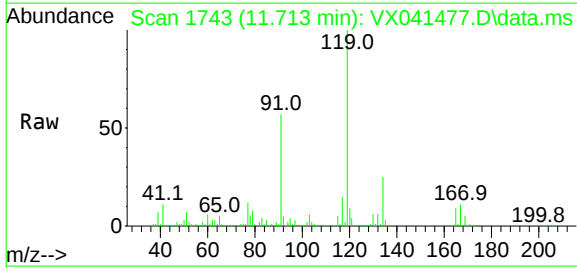
#83
tert-Butylbenzene
Concen: 53.338 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 385820
Ion Ratio Lower Upper
119 100
91 54.8 31.2 93.6
134 24.4 11.7 35.0

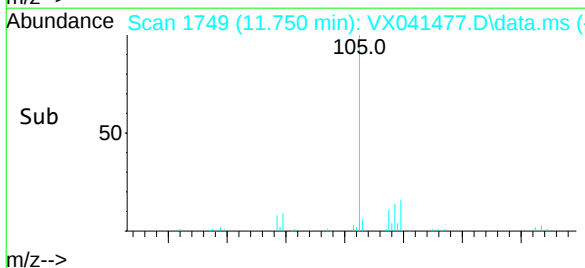
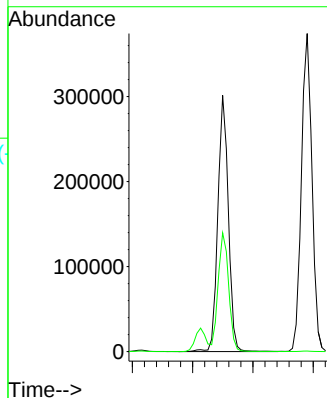
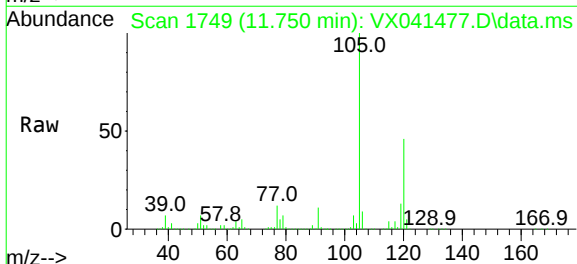
Manual Integrations
APPROVED

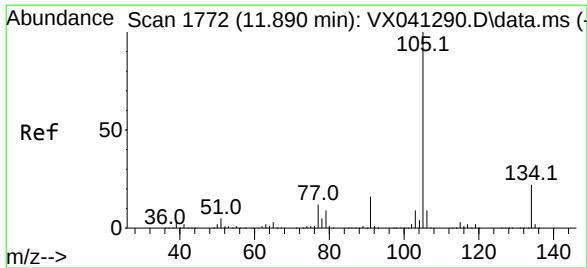
Reviewed By :John Carlone 05/14/2024
Supervised By :Mahesh Dadoda 05/14/2024



#84
1,2,4-Trimethylbenzene
Concen: 53.631 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX041477.D
Acq: 13 May 2024 09:08

Tgt Ion:105 Resp: 364519
Ion Ratio Lower Upper
105 100
120 46.4 21.2 63.6





#85

sec-Butylbenzene

Concen: 54.929 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 455342

Ion Ratio Lower Upper

105 100

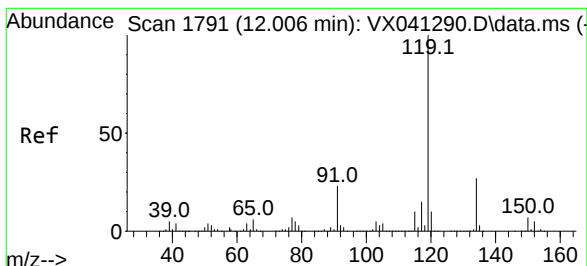
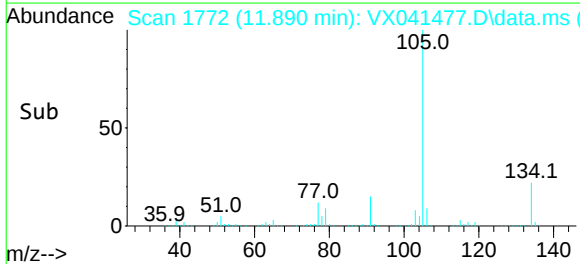
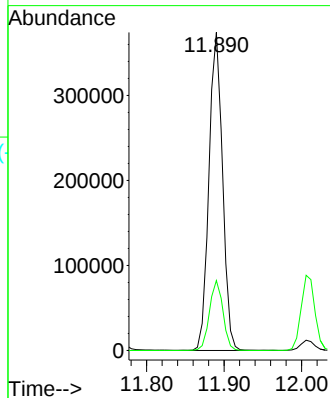
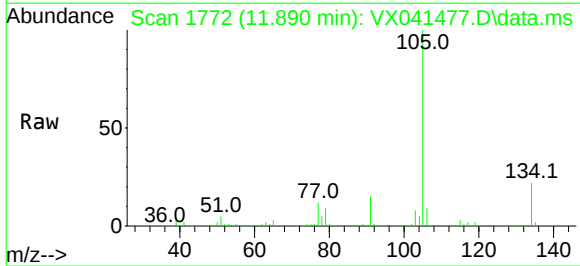
134 21.8 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#86

p-Isopropyltoluene

Concen: 53.861 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

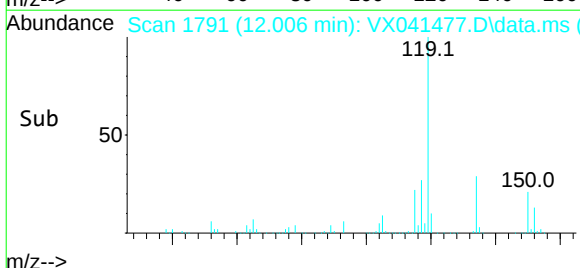
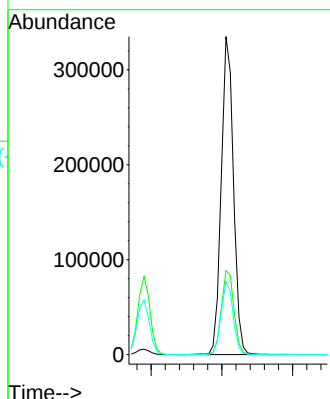
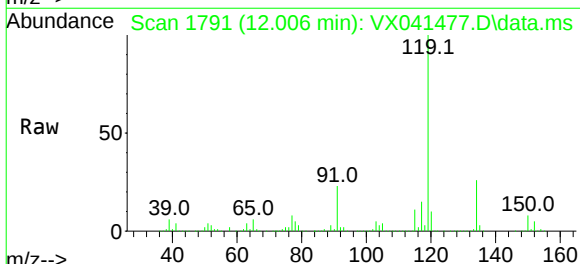
Tgt Ion:119 Resp: 400993

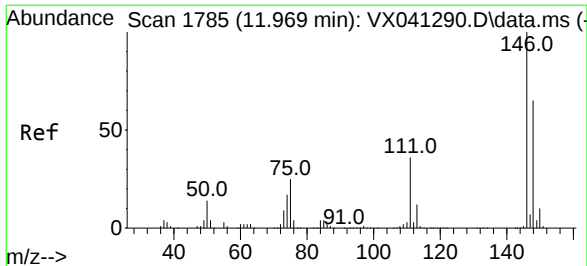
Ion Ratio Lower Upper

119 100

134 27.2 12.8 38.3

91 22.7 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.770 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX041477.D

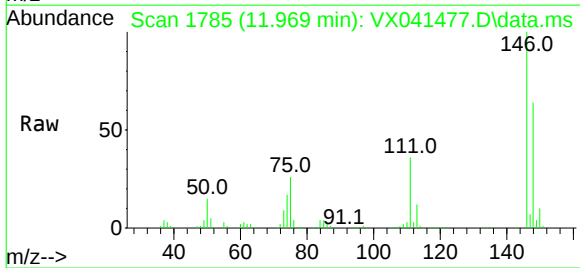
Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



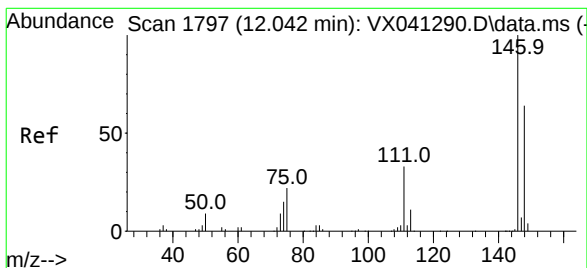
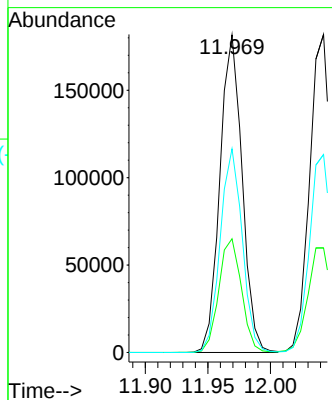
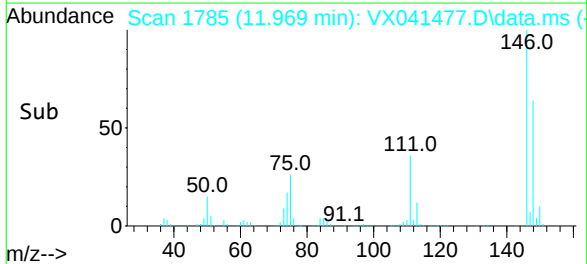
Tgt Ion:	146	Resp:	224319
Ion	Ratio	Lower	Upper
146	100		
111	36.7	22.1	66.1
148	63.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#88

1,4-Dichlorobenzene

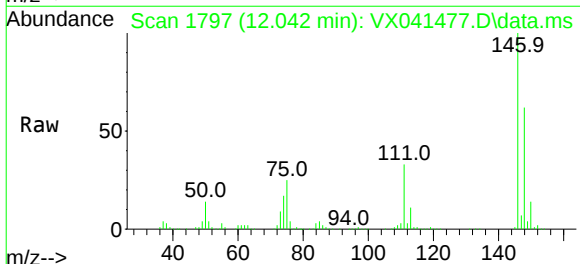
Concen: 52.048 ug/l

RT: 12.042 min Scan# 1797

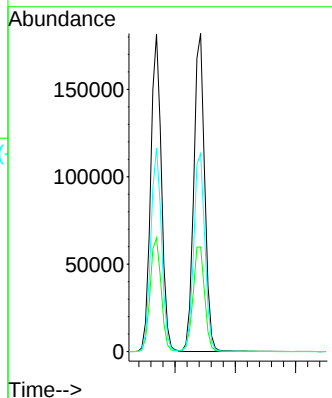
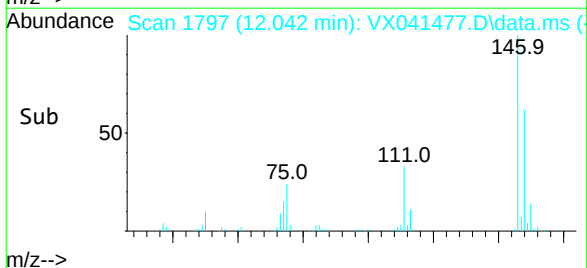
Delta R.T. -0.000 min

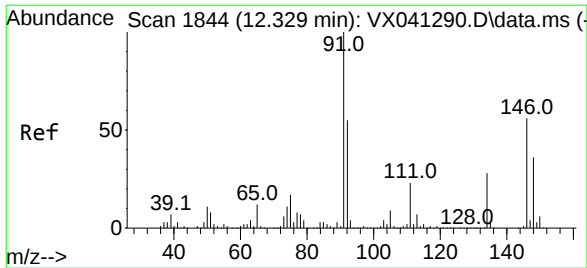
Lab File: VX041477.D

Acq: 13 May 2024 09:08



Tgt Ion:	146	Resp:	227947
Ion	Ratio	Lower	Upper
146	100		
111	35.0	21.3	63.7
148	63.7	31.8	95.4





#89

n-Butylbenzene

Concen: 54.970 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

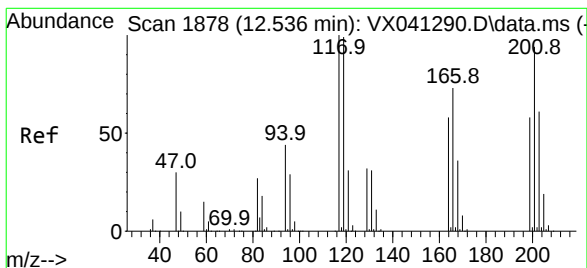
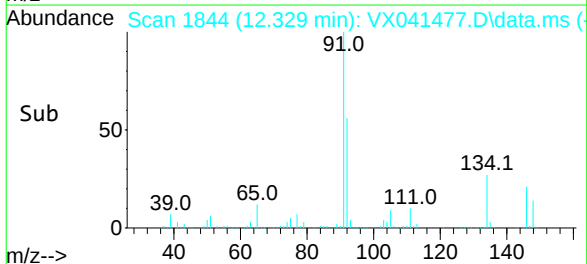
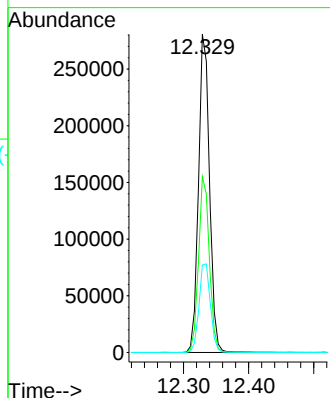
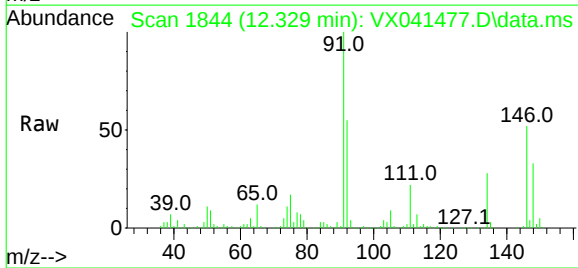
Tgt Ion:	91	Resp:	329081
Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.4	82.0
134	29.0	12.6	37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#90

Hexachloroethane

Concen: 52.385 ug/l

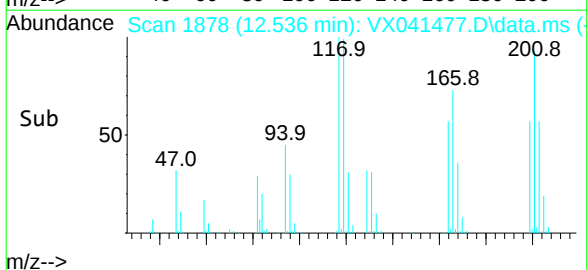
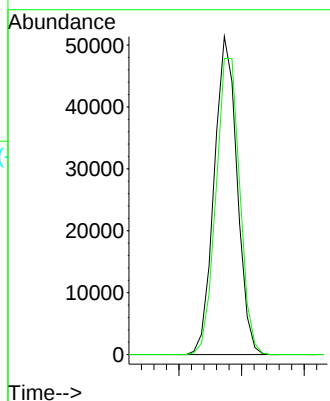
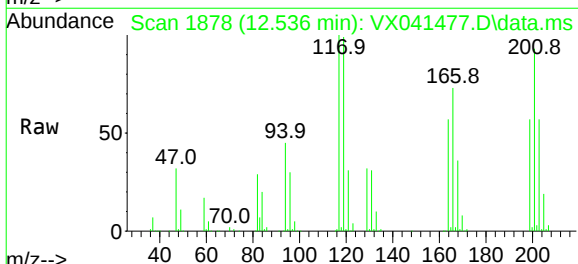
RT: 12.536 min Scan# 1878

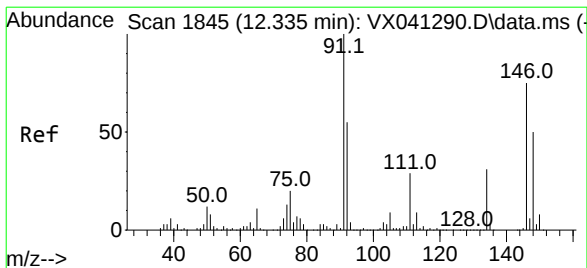
Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Tgt Ion:	117	Resp:	65222
Ion	Ratio	Lower	Upper
117	100		
201	97.1	32.9	98.6





#91

1,2-Dichlorobenzene

Concen: 50.079 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX041477.D

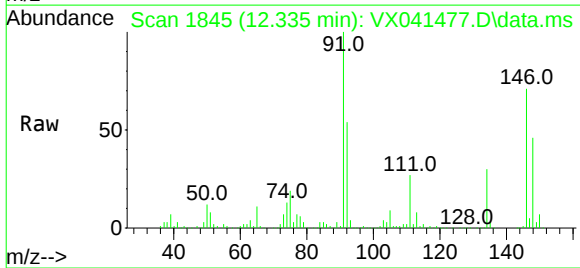
Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 224855

Ion Ratio Lower Upper

146 100

111 38.4 22.4 67.0

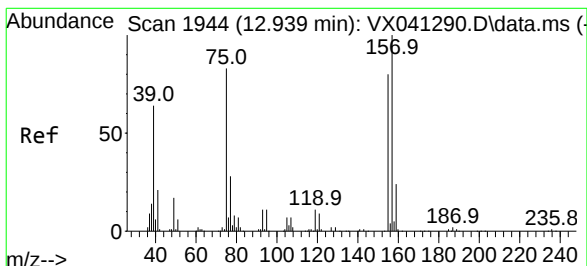
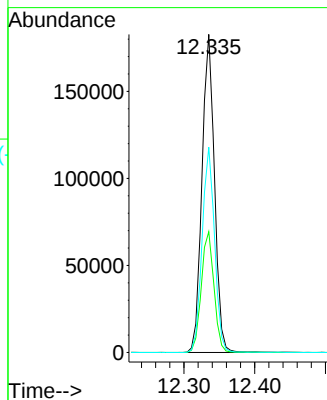
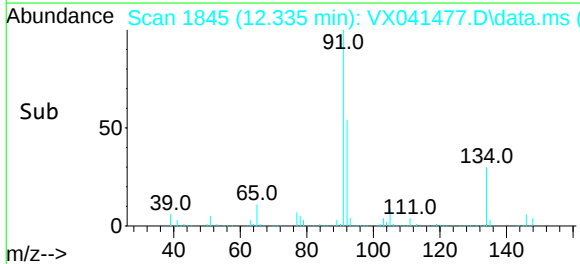
148 64.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.426 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

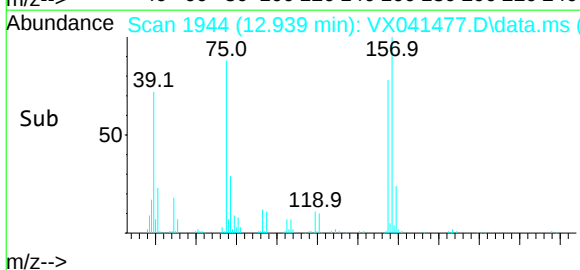
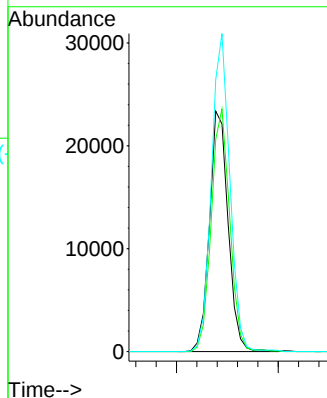
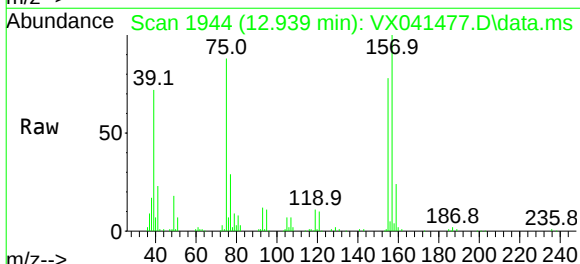
Tgt Ion: 75 Resp: 29756

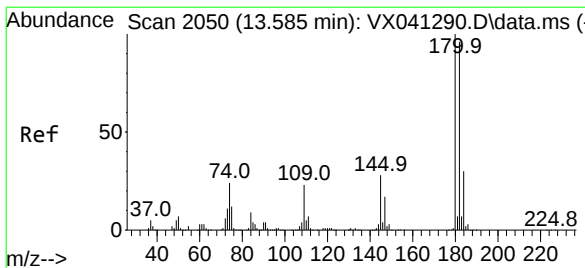
Ion Ratio Lower Upper

75 100

155 100.1 36.1 108.5

157 130.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.241 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 167094

Ion Ratio Lower Upper

180 100

182 94.8 48.3 144.8

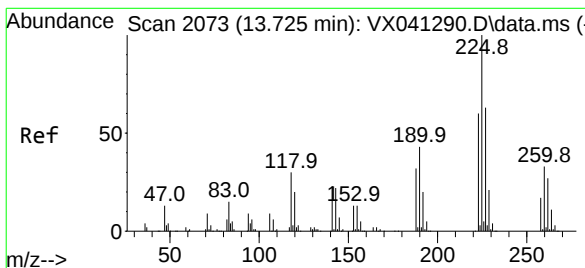
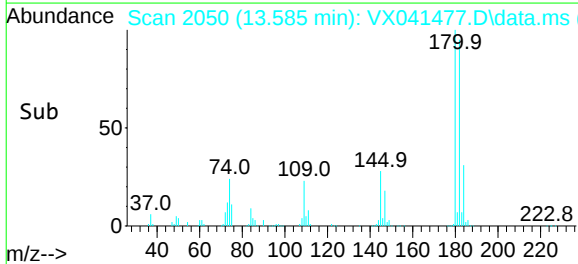
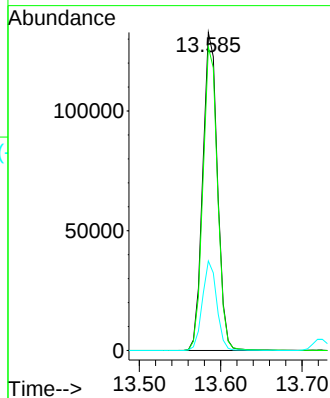
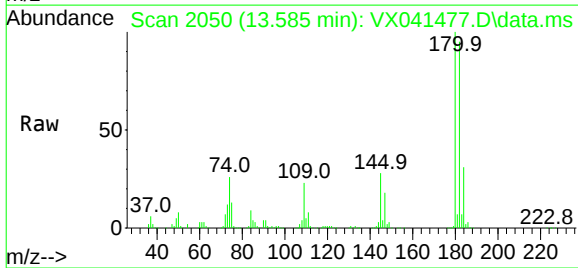
145 27.4 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#94

Hexachlorobutadiene

Concen: 52.537 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

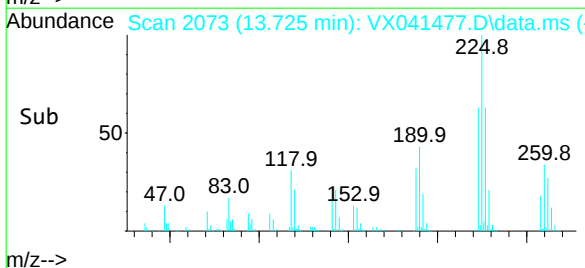
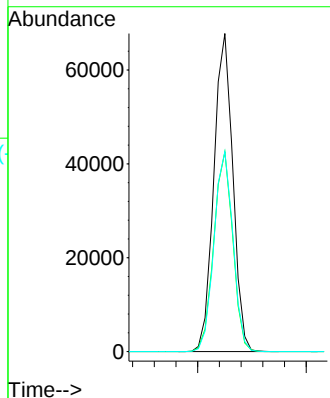
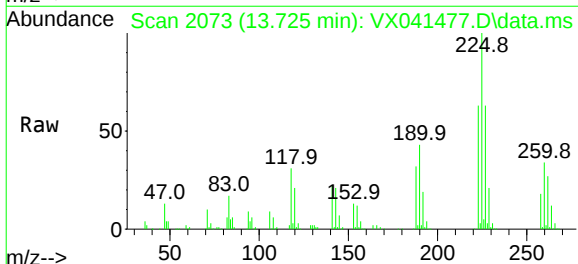
Tgt Ion:225 Resp: 82340

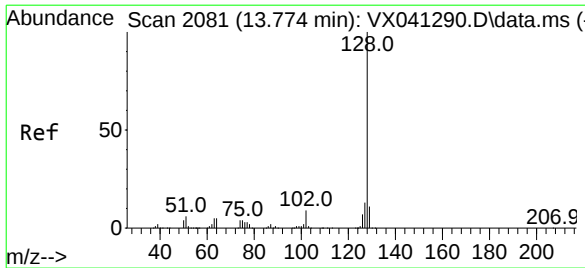
Ion Ratio Lower Upper

225 100

223 62.8 31.1 93.2

227 62.9 32.5 97.5





#95

Naphthalene

Concen: 52.524 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

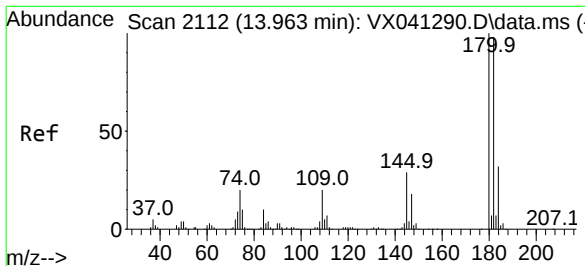
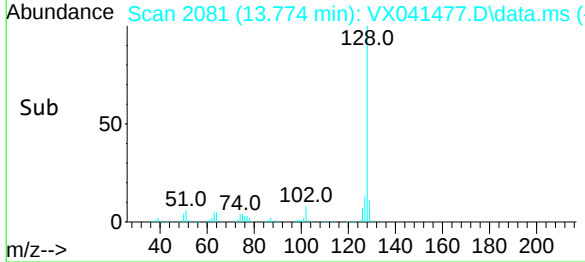
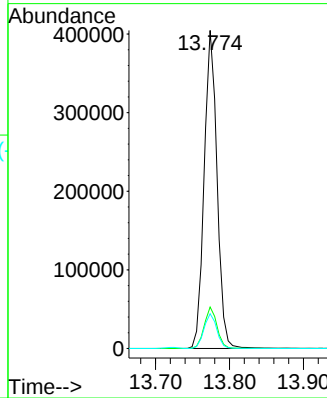
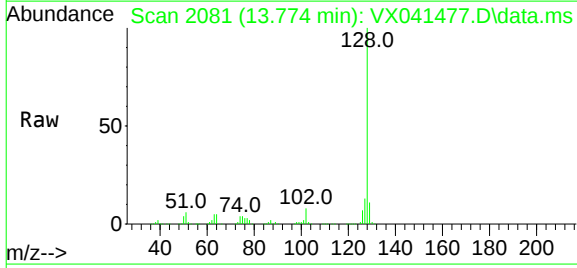
Tgt Ion:	128	Resp:	488508
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/14/2024

Supervised By :Mahesh Dadoda 05/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 52.309 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX041477.D

Acq: 13 May 2024 09:08

Tgt Ion:	180	Resp:	167786
Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.9	140.6
145	29.6	17.8	53.5

