

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035577.D
 Acq On : 10 May 2023 11:03
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050

Quant Time: May 11 04:14:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	304037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	472336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	419791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	209220	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158090	43.099	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.200%
35) Dibromofluoromethane	5.385	113	150735	51.994	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.980%
50) Toluene-d8	8.647	98	524408	47.952	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.900%
62) 4-Bromofluorobenzene	11.079	95	207123	50.346	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	143724	44.675	ug/l	99
3) Chloromethane	1.295	50	146452	50.042	ug/l	99
4) Vinyl Chloride	1.374	62	133055	45.330	ug/l	98
5) Bromomethane	1.618	94	79894	40.952	ug/l	93
6) Chloroethane	1.691	64	78571	45.768	ug/l	100
7) Trichlorofluoromethane	1.886	101	214008	46.623	ug/l	99
8) Diethyl Ether	2.130	74	84593	50.545	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	157785	51.466	ug/l	94
10) Methyl Iodide	2.453	142	155032	40.068	ug/l	98
11) Tert butyl alcohol	3.008	59	164589	246.437	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	148566	50.311	ug/l	95
13) Acrolein	2.240	56	151614	230.835	ug/l	100
14) Allyl chloride	2.666	41	265609	51.112	ug/l	93
15) Acrylonitrile	3.069	53	423395	253.466	ug/l	100
16) Acetone	2.392	43	407555	255.828	ug/l	94
17) Carbon Disulfide	2.514	76	385777	54.497	ug/l	100
18) Methyl Acetate	2.703	43	322951	52.423	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	548004	54.093	ug/l	95
20) Methylene Chloride	2.788	84	177439	48.575	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	168320	52.483	ug/l	91
22) Diisopropyl ether	3.758	45	522434	50.803	ug/l #	88
23) Vinyl Acetate	3.721	43	1848375	261.493	ug/l	95
24) 1,1-Dichloroethane	3.605	63	302263	52.183	ug/l	99
25) 2-Butanone	4.562	43	586277	252.133	ug/l	93
26) 2,2-Dichloropropane	4.471	77	265981	58.612	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	207621	55.074	ug/l	90
28) Bromochloromethane	4.898	49	121496	49.220	ug/l #	77
29) Tetrahydrofuran	5.007	42	360945	242.146	ug/l	91
30) Chloroform	5.093	83	318171	54.412	ug/l	97
31) Cyclohexane	5.471	56	252328	48.494	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	284143	55.447	ug/l	95
36) 1,1-Dichloropropene	5.690	75	232089	51.271	ug/l	96
37) Ethyl Acetate	4.709	43	218630	52.880	ug/l #	94
38) Carbon Tetrachloride	5.672	117	249877	58.148	ug/l	99
39) Methylcyclohexane	7.379	83	265786	48.236	ug/l	96
40) Benzene	6.038	78	704804	54.276	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	126742	53.500	ug/l	95
42) 1,2-Dichloroethane	6.086	62	235223	50.804	ug/l	94
43) Isopropyl Acetate	6.336	43	381792	54.957	ug/l #	93
44) Trichloroethene	7.123	130	205928	57.565	ug/l	95
45) 1,2-Dichloropropane	7.428	63	182302	55.685	ug/l	99
46) Dibromomethane	7.580	93	126843	56.420	ug/l #	89
47) Bromodichloromethane	7.818	83	255056	61.575	ug/l	99
48) Methyl methacrylate	7.690	41	184647	54.184	ug/l	88
49) 1,4-Dioxane	7.714	88	76521	921.217	ug/l #	78
51) 4-Methyl-2-Pentanone	8.574	43	1113261	260.835	ug/l	93
52) Toluene	8.720	92	464025	56.374	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	289701	66.970	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	310399	63.483	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	189301	57.690	ug/l	98
56) Ethyl methacrylate	9.116	69	281385	57.565	ug/l #	86
57) 1,3-Dichloropropane	9.305	76	312258	55.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	646755	264.613	ug/l	92
59) 2-Hexanone	9.427	43	840596	262.164	ug/l	91
60) Dibromochloromethane	9.519	129	216415	68.836	ug/l	100
61) 1,2-Dibromoethane	9.610	107	202387	59.829	ug/l	100
64) Tetrachloroethene	9.275	164	170034	52.900	ug/l	97
65) Chlorobenzene	10.080	112	515663	56.777	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	203008	64.226	ug/l	98
67) Ethyl Benzene	10.189	91	879497	55.917	ug/l	99
68) m/p-Xylenes	10.299	106	697860	115.792	ug/l	93
69) o-Xylene	10.640	106	345712	58.497	ug/l	94
70) Styrene	10.653	104	578403	60.361	ug/l	95
71) Bromoform	10.799	173	166522	75.740	ug/l #	99
73) Isopropylbenzene	10.964	105	866513	56.658	ug/l	99
74) N-amyl acetate	10.842	43	326042	56.728	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	275653	58.070	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	308161	73.838	ug/l	83
77) Bromobenzene	11.195	156	229887	60.470	ug/l	87
78) n-propylbenzene	11.305	91	964127	54.890	ug/l	97
79) 2-Chlorotoluene	11.366	91	601057	54.762	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	722946	56.062	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	93002	72.174	ug/l	89
82) 4-Chlorotoluene	11.451	91	690100	55.980	ug/l	95
83) tert-Butylbenzene	11.713	119	725829	56.096	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	743516	57.383	ug/l	98
85) sec-Butylbenzene	11.890	105	835363	52.634	ug/l	98
86) p-Isopropyltoluene	12.006	119	734387	54.405	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	425796	58.936	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	433252	57.195	ug/l	98
89) n-Butylbenzene	12.329	91	600255	52.677	ug/l	98
90) Hexachloroethane	12.536	117	129038	62.448	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	422414	58.458	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	57644	60.560	ug/l	71
93) 1,2,4-Trichlorobenzene	13.585	180	269906	59.424	ug/l	98
94) Hexachlorobutadiene	13.725	225	113113	56.744	ug/l	98
95) Naphthalene	13.774	128	868706	62.127	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	261409	57.173	ug/l	99

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QLast Update : Tue Apr 25 16:31:40 2023
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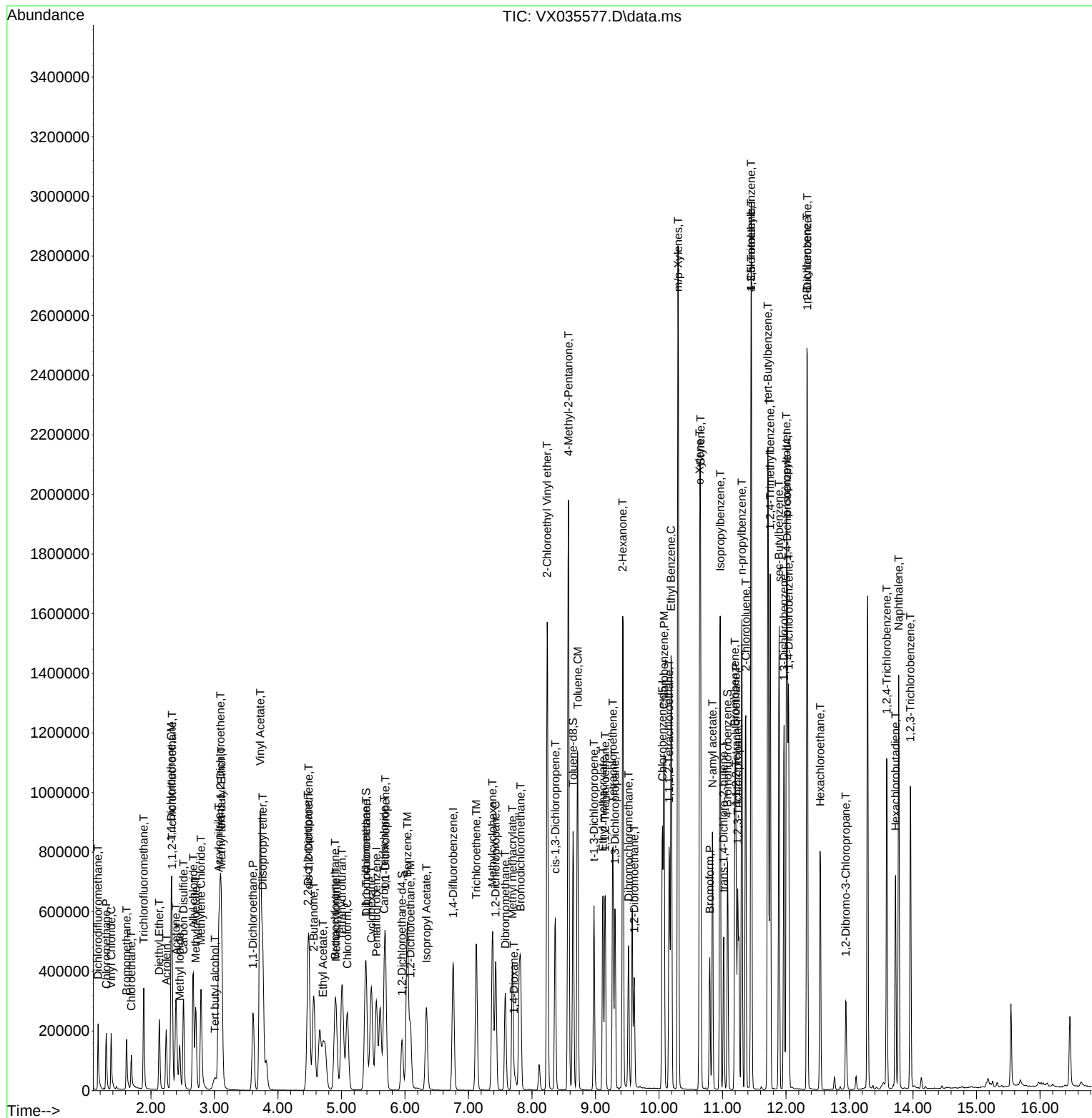
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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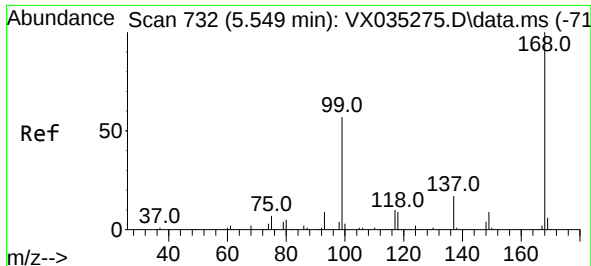
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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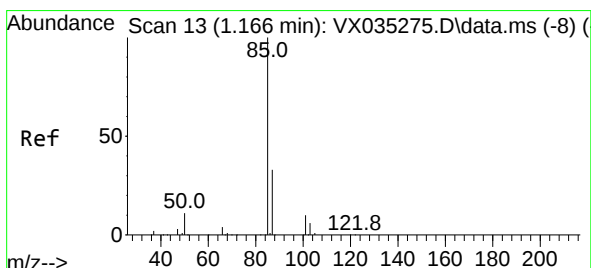
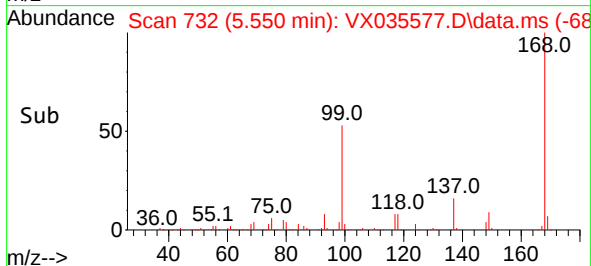
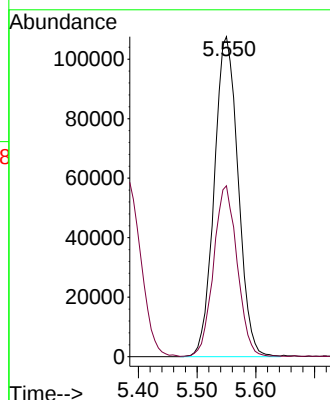
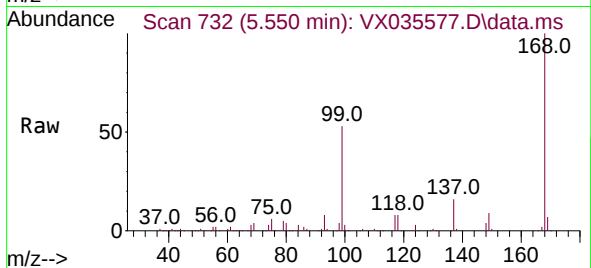




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035577.D
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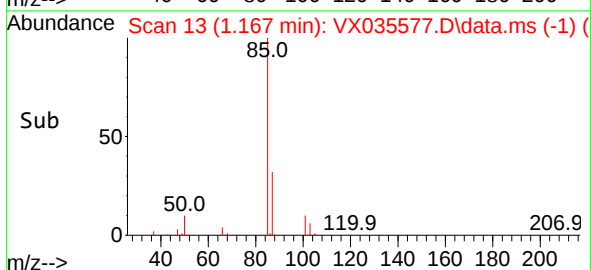
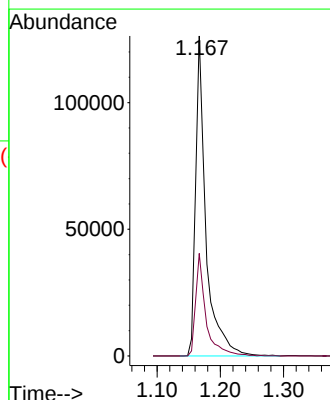
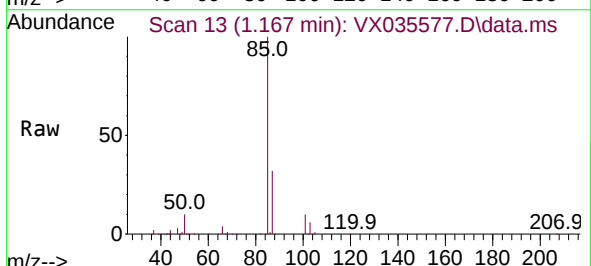
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

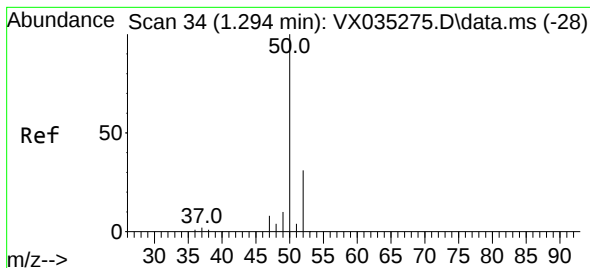
Tgt Ion:168 Resp: 304037
Ion Ratio Lower Upper
168 100
99 53.3 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 44.675 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 85 Resp: 143724
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.1





#3

Chloromethane

Concen: 50.042 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.001 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

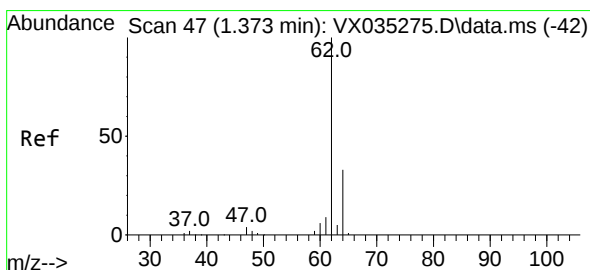
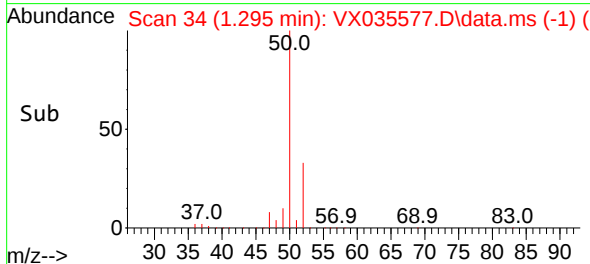
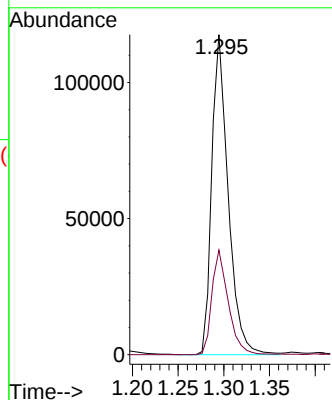
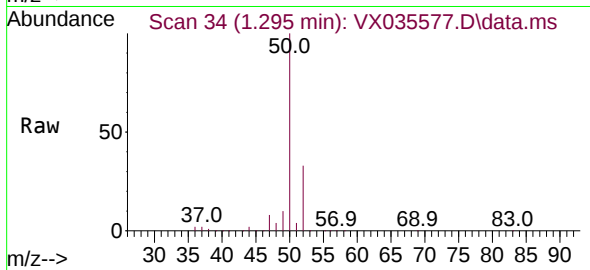
VSTDCCC050

Tgt Ion: 50 Resp: 146452

Ion Ratio Lower Upper

50 100

52 32.7 25.9 38.9



#4

Vinyl Chloride

Concen: 45.330 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX035577.D

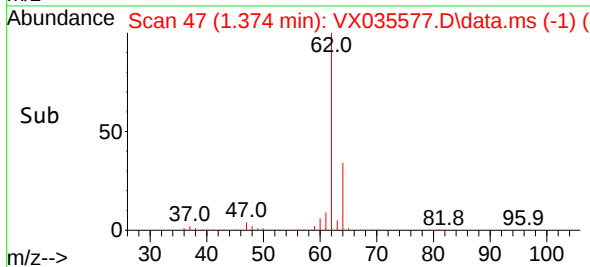
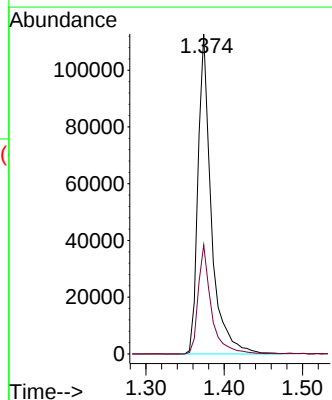
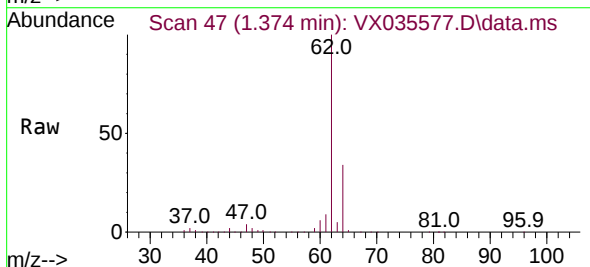
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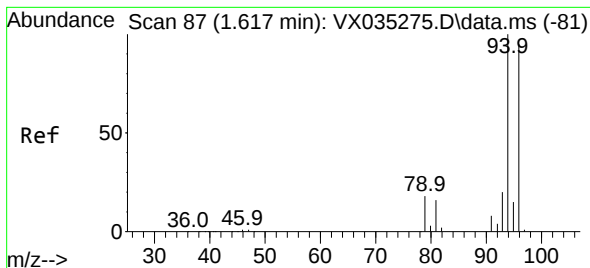
Tgt Ion: 62 Resp: 133055

Ion Ratio Lower Upper

62 100

64 34.1 26.4 39.6





#5

Bromomethane

Concen: 40.952 ug/l

RT: 1.618 min Scan# 81

Delta R.T. 0.001 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

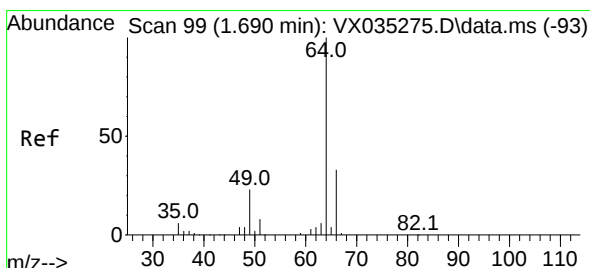
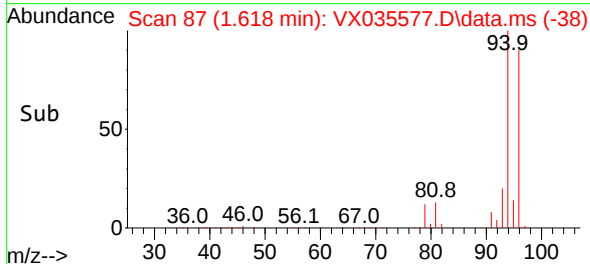
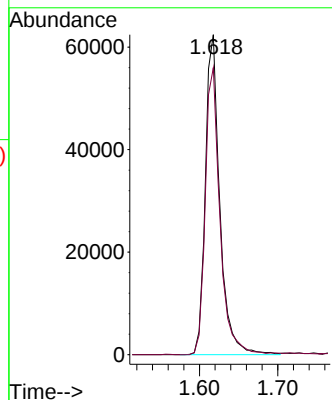
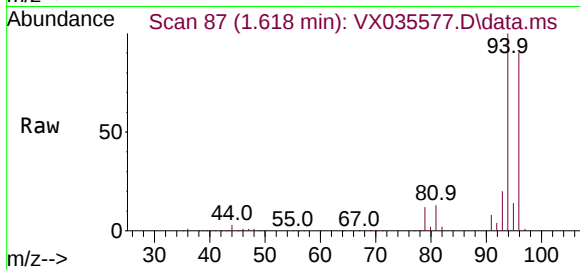
VSTDCCC050

Tgt Ion: 94 Resp: 79894

Ion Ratio Lower Upper

94 100

96 89.7 77.0 115.6



#6

Chloroethane

Concen: 45.768 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX035577.D

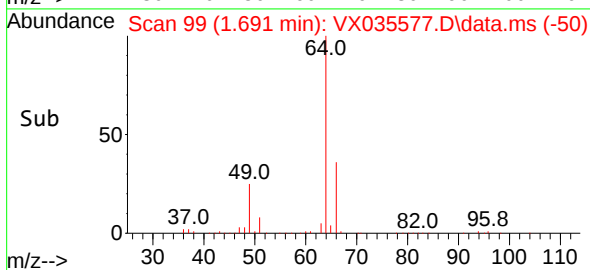
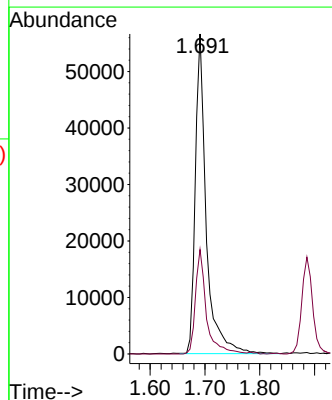
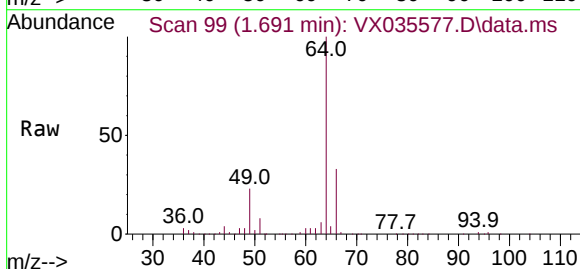
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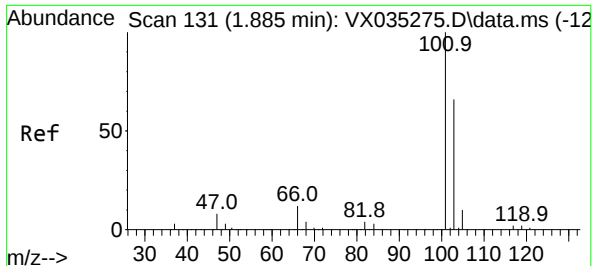
Tgt Ion: 64 Resp: 78571

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.4

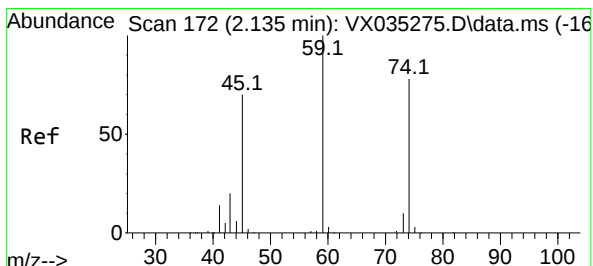
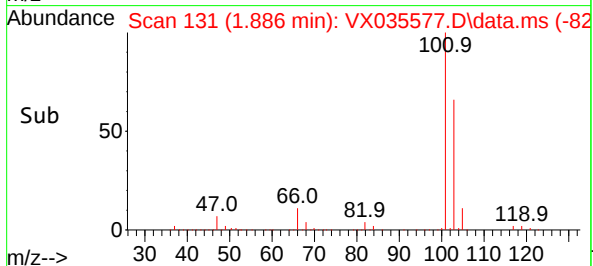
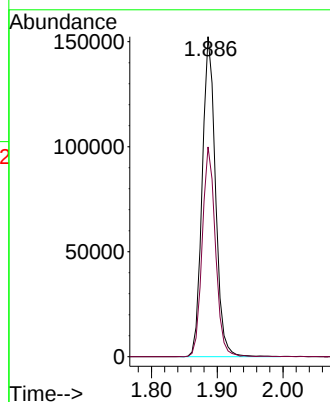
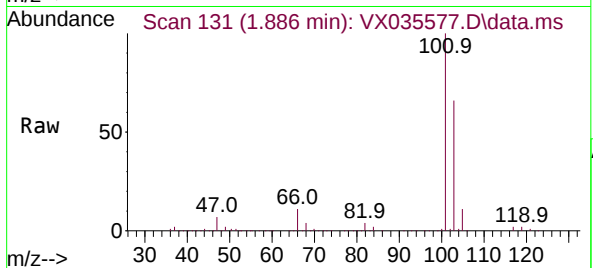




#7
 Trichlorofluoromethane
 Concen: 46.623 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VX035577.D
 Acq: 10 May 2023 11:03

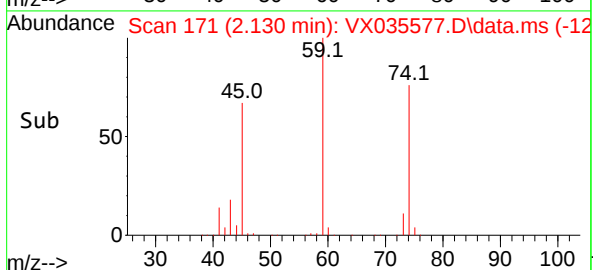
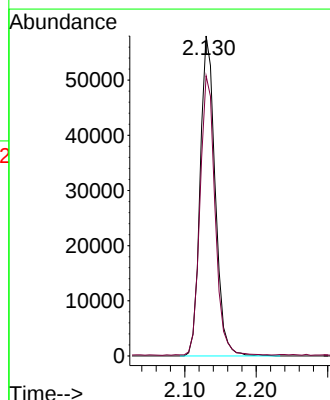
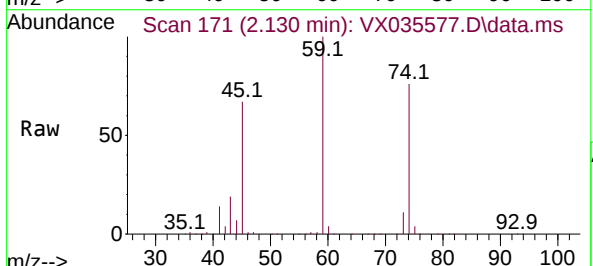
Instrument :
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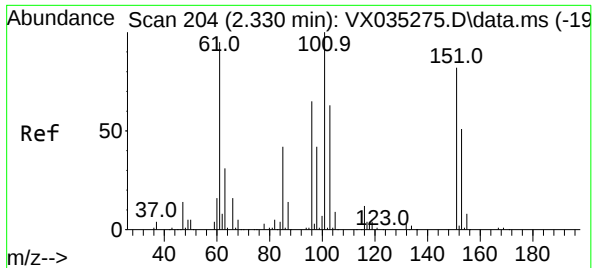
Tgt Ion:101 Resp: 214008
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.0 78.0



#8
 Diethyl Ether
 Concen: 50.545 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.005 min
 Lab File: VX035577.D
 Acq: 10 May 2023 11:03

Tgt Ion: 74 Resp: 84593
 Ion Ratio Lower Upper
 74 100
 45 87.5 49.8 149.3

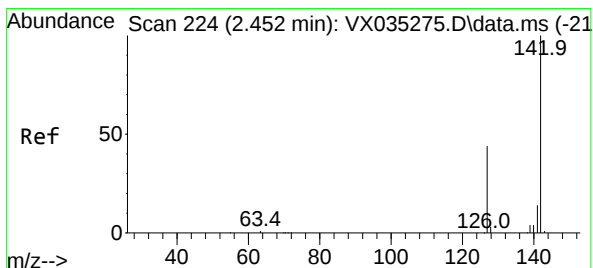
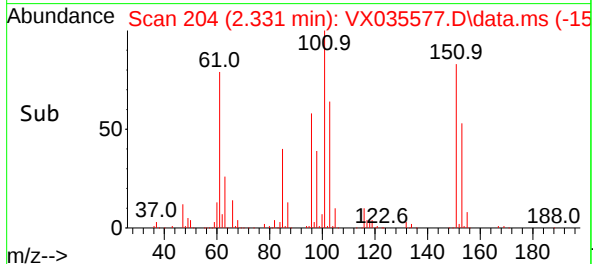
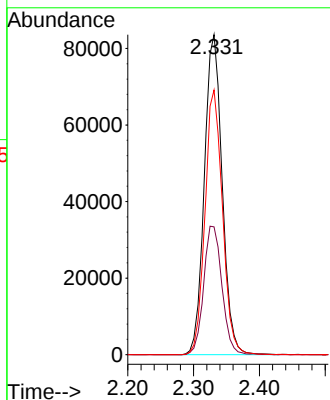
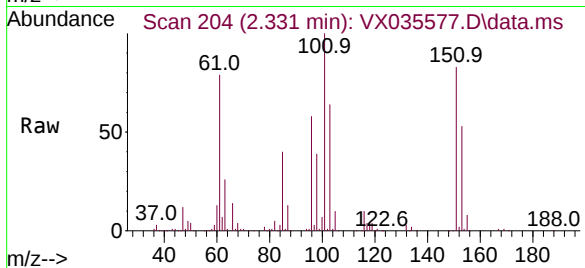




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.466 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

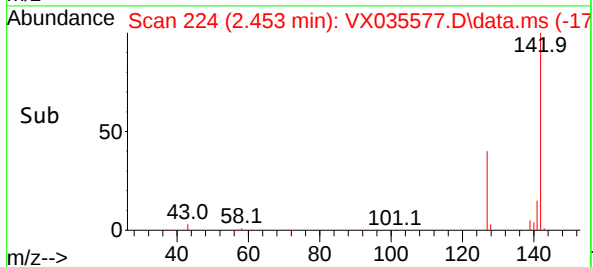
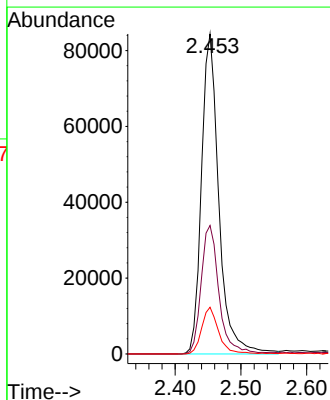
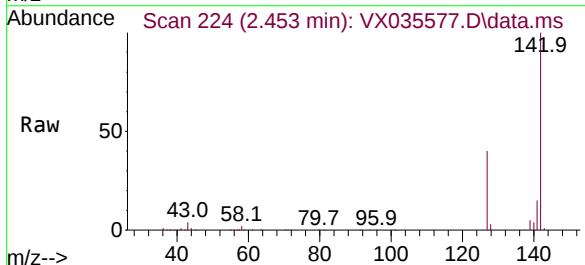
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

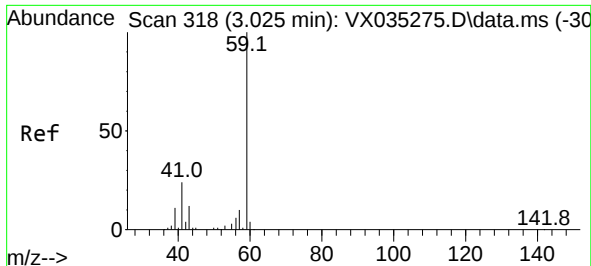
Tgt Ion:101 Resp: 157785
Ion Ratio Lower Upper
101 100
85 41.1 35.4 53.2
151 81.3 60.2 90.4



#10
Methyl Iodide
Concen: 40.068 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion:142 Resp: 155032
Ion Ratio Lower Upper
142 100
127 41.2 34.0 51.0
141 14.2 11.1 16.7

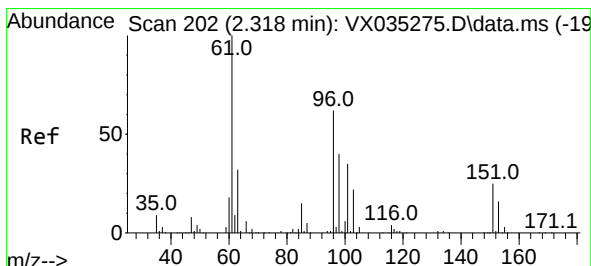
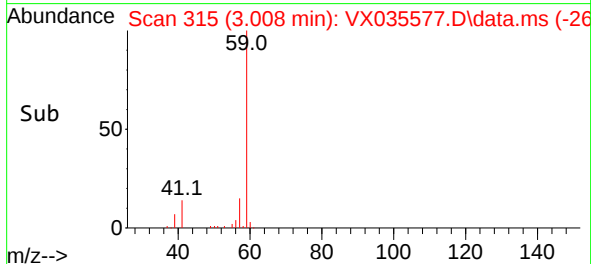
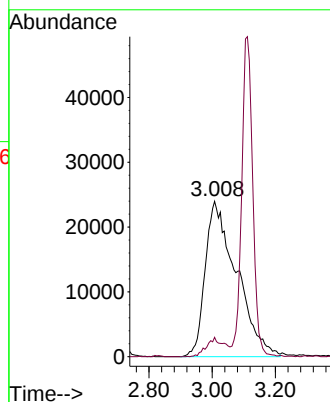
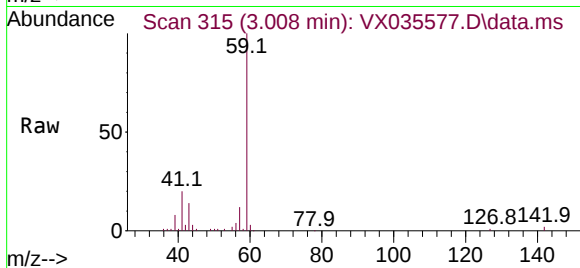




#11
Tert butyl alcohol
Concen: 246.437 ug/l
RT: 3.008 min Scan# 31
Delta R.T. -0.017 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

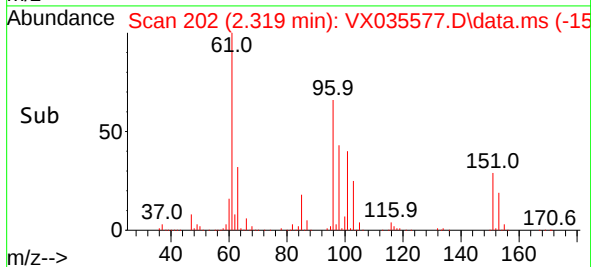
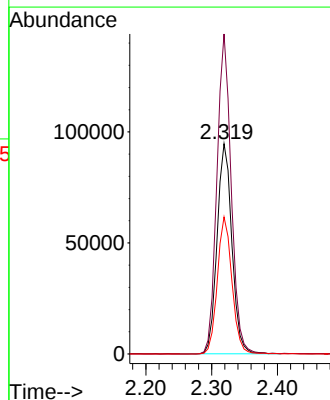
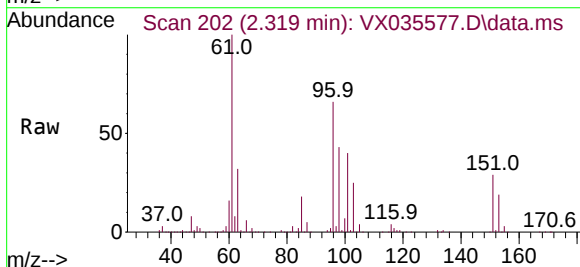
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

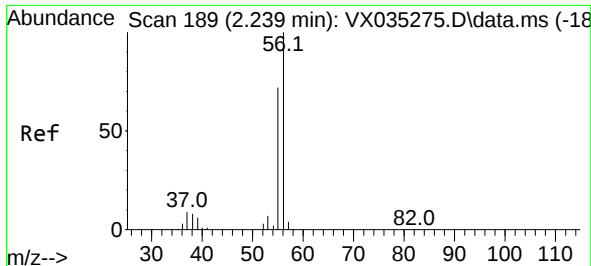
Tgt Ion: 59 Resp: 164589
Ion Ratio Lower Upper
59 100
57 7.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 50.311 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 96 Resp: 148566
Ion Ratio Lower Upper
96 100
61 152.3 128.8 193.2
98 65.2 51.4 77.0





#13

Acrolein

Concen: 230.835 ug/l

RT: 2.240 min Scan# 189

Delta R.T. 0.001 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

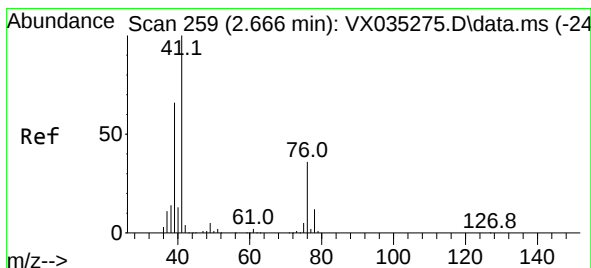
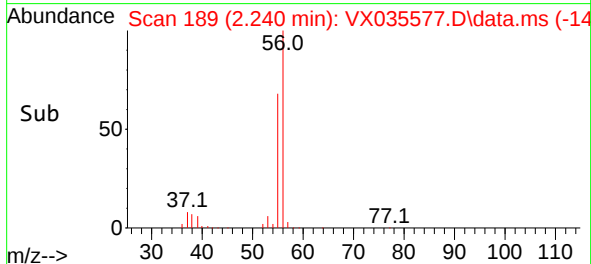
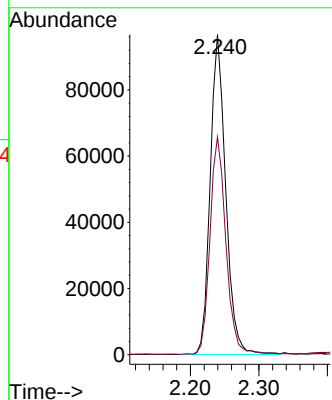
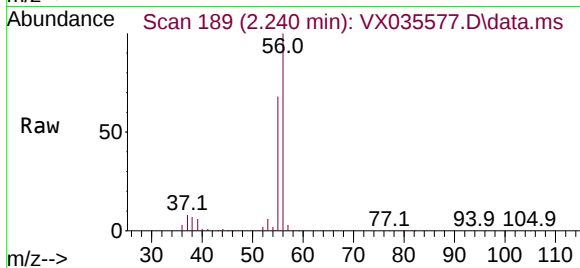
VSTDCCC050

Tgt Ion: 56 Resp: 151614

Ion Ratio Lower Upper

56 100

55 70.4 56.6 85.0



#14

Allyl chloride

Concen: 51.112 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

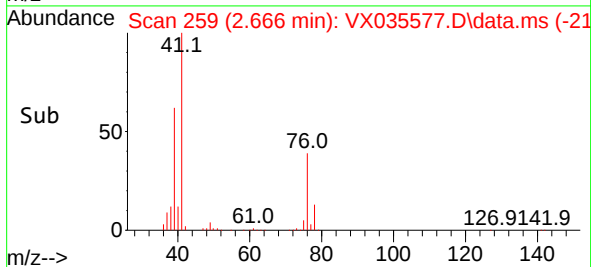
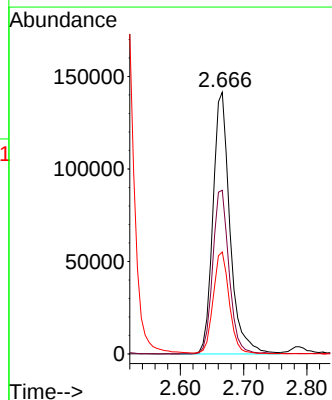
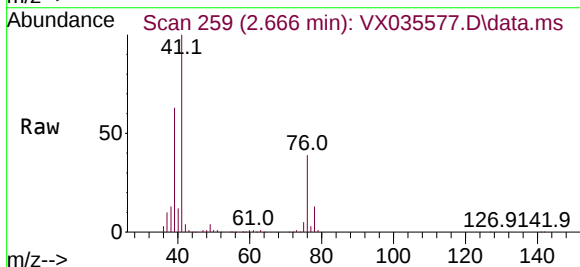
Tgt Ion: 41 Resp: 265609

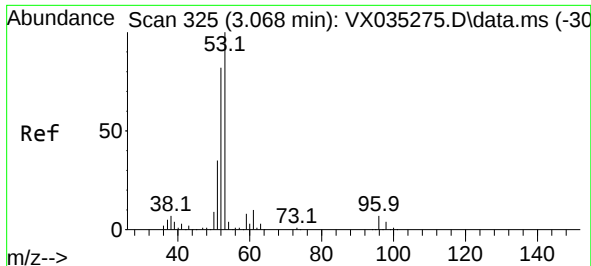
Ion Ratio Lower Upper

41 100

39 60.1 52.4 78.6

76 36.6 26.0 39.0

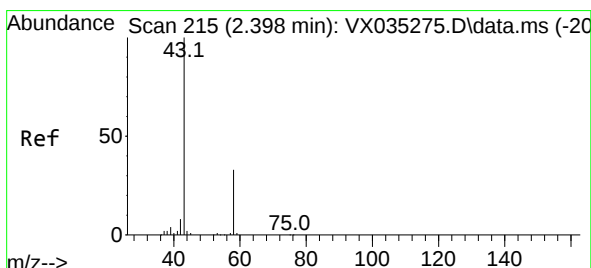
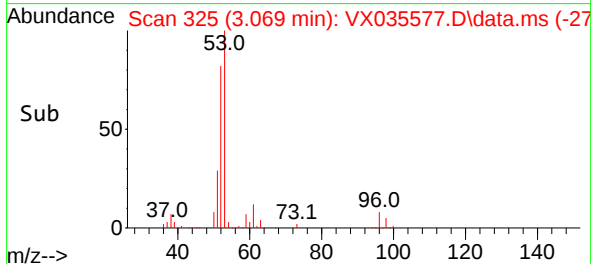
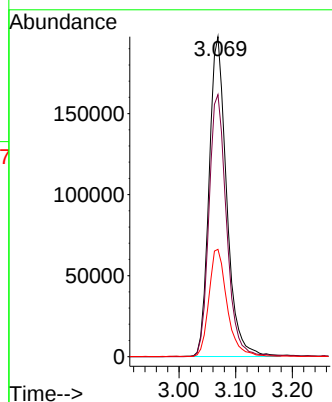
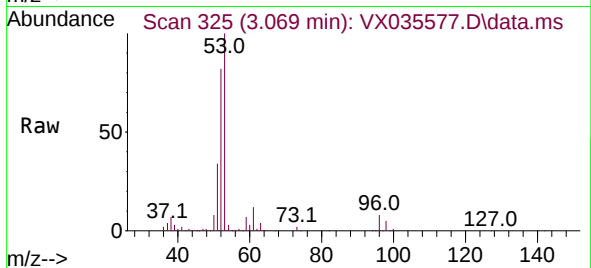




#15
Acrylonitrile
Concen: 253.466 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

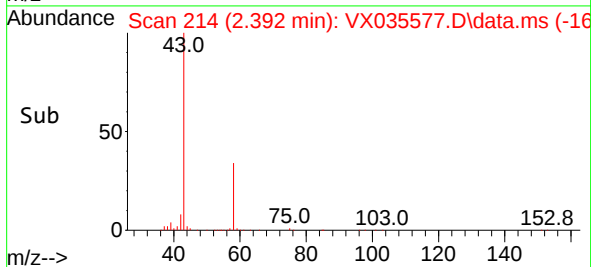
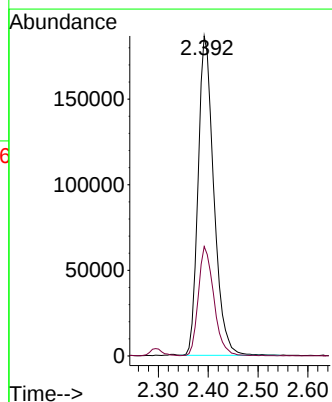
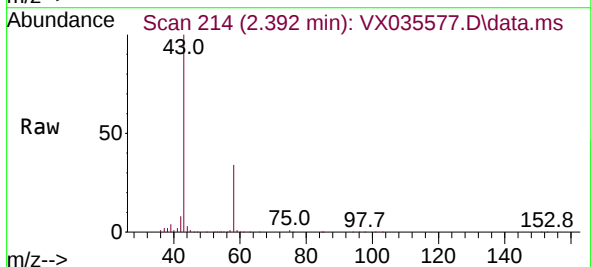
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

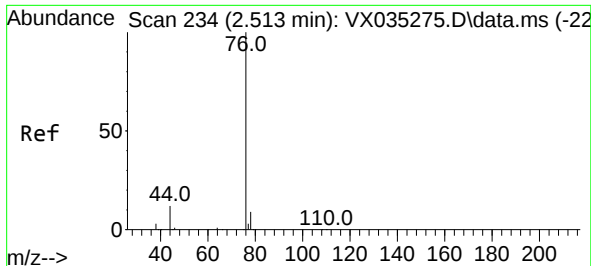
Tgt Ion: 53 Resp: 423395
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 34.8 28.3 42.5



#16
Acetone
Concen: 255.828 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 43 Resp: 407555
Ion Ratio Lower Upper
43 100
58 34.2 24.7 37.1

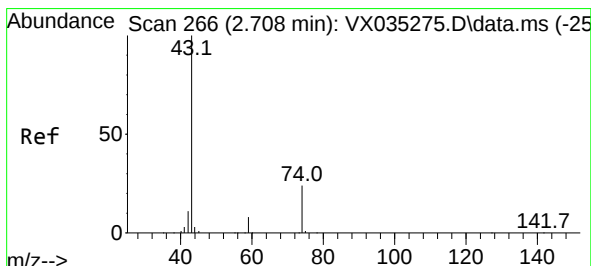
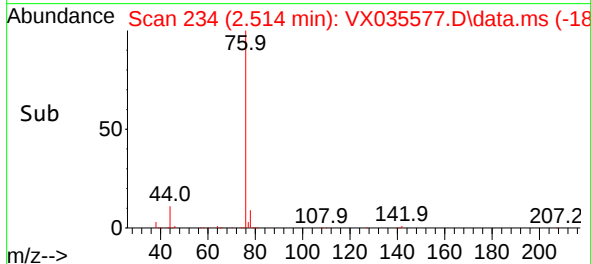
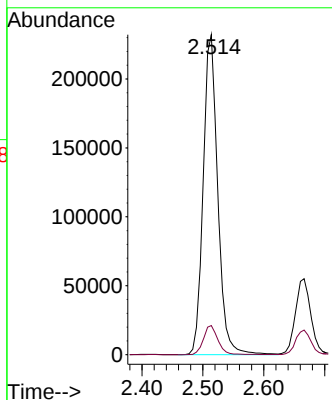
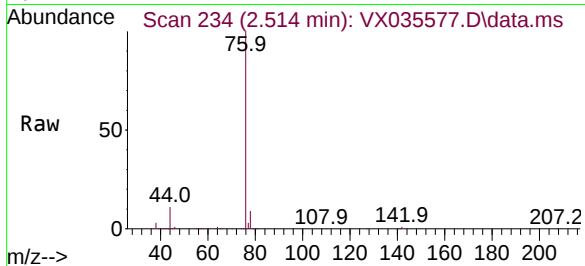




#17
Carbon Disulfide
Concen: 54.497 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

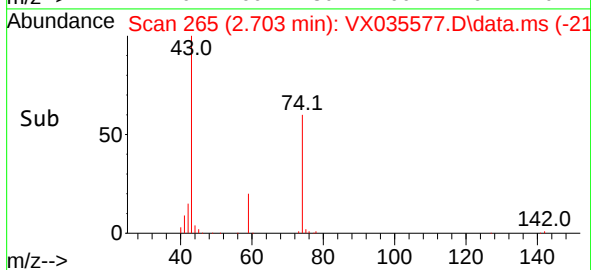
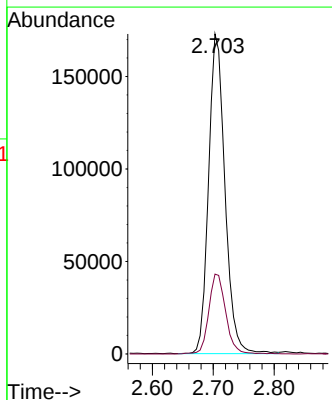
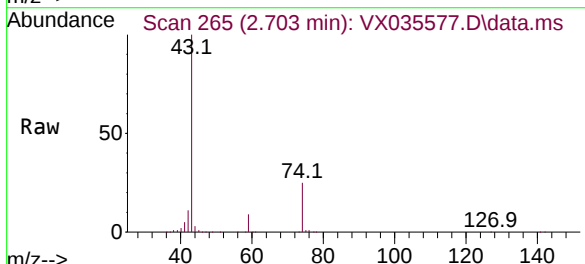
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

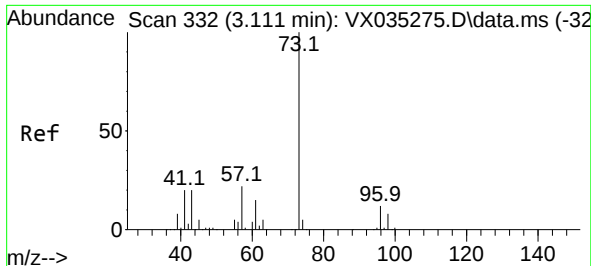
Tgt Ion: 76 Resp: 385777
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 52.423 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.005 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 43 Resp: 322951
Ion Ratio Lower Upper
43 100
74 25.8 18.3 27.5





#19

Methyl tert-butyl Ether

Concen: 54.093 ug/l

RT: 3.111 min Scan# 311

Delta R.T. 0.000 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

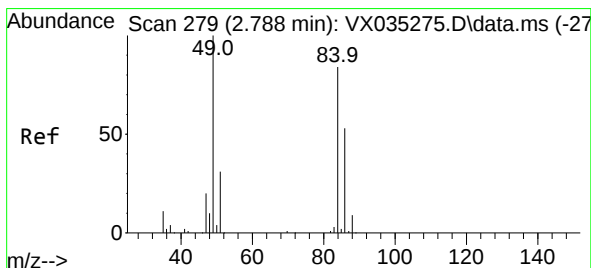
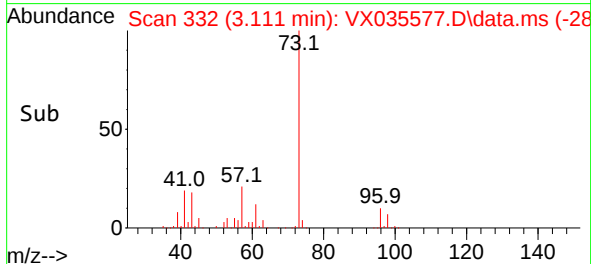
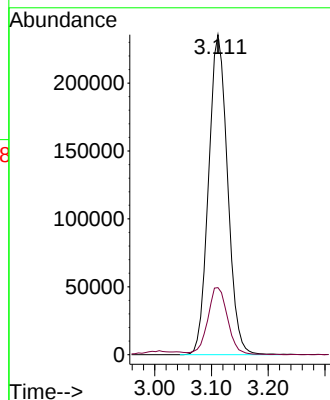
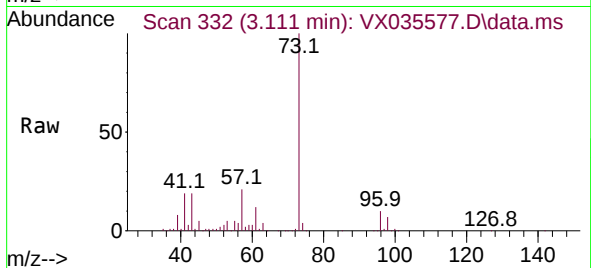
VSTDCCC050

Tgt Ion: 73 Resp: 548004

Ion Ratio Lower Upper

73 100

57 20.9 18.5 27.7



#20

Methylene Chloride

Concen: 48.575 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Tgt Ion: 84 Resp: 177439

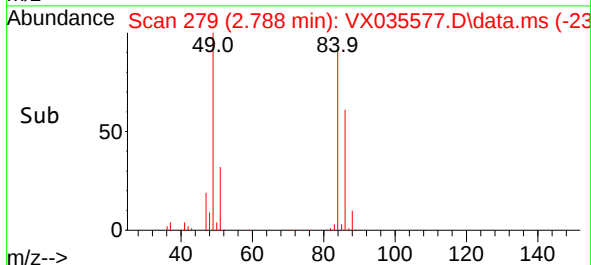
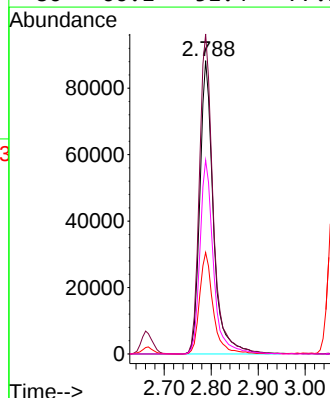
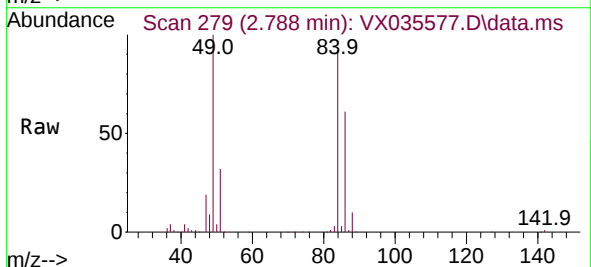
Ion Ratio Lower Upper

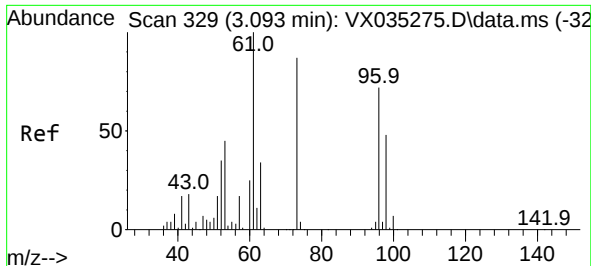
84 100

49 109.1 103.8 155.8

51 34.6 31.8 47.8

86 66.1 51.4 77.2

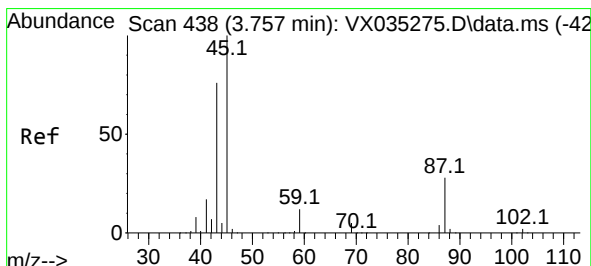
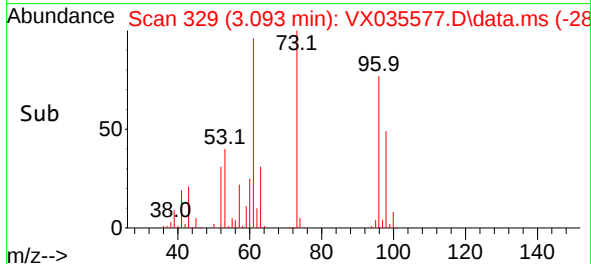
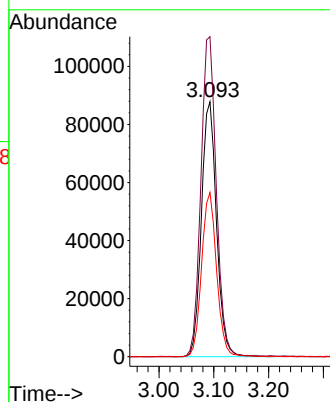
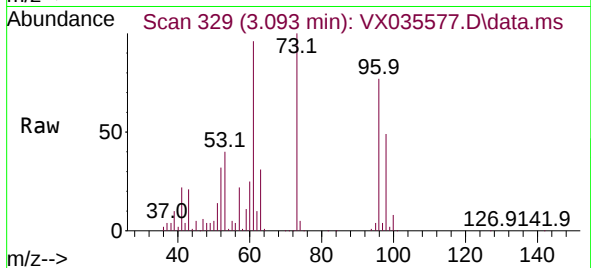




#21
trans-1,2-Dichloroethene
Concen: 52.483 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

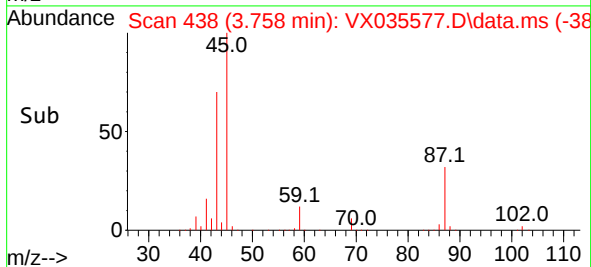
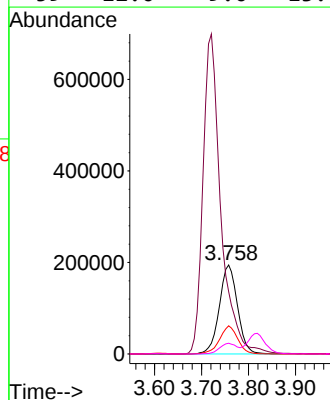
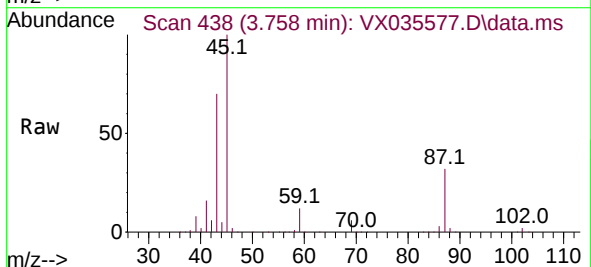
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 168320
Ion Ratio Lower Upper
96 100
61 125.4 113.0 169.6
98 64.4 52.1 78.1



#22
Diisopropyl ether
Concen: 50.803 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 45 Resp: 522434
Ion Ratio Lower Upper
45 100
43 69.9 65.4 98.2
87 31.8 20.6 31.0#
59 12.0 9.0 13.6

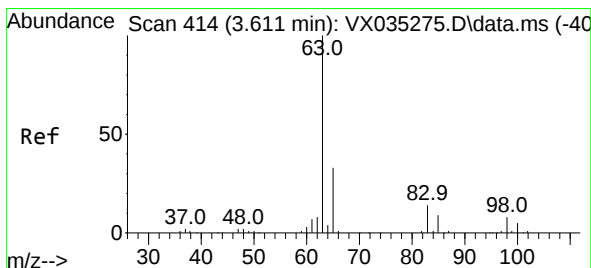
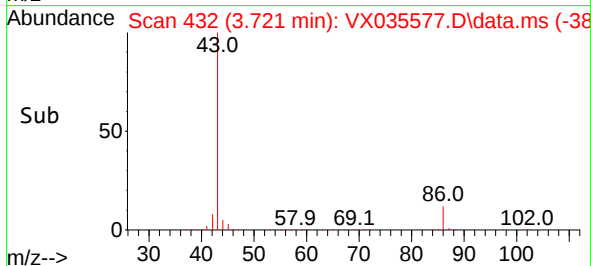
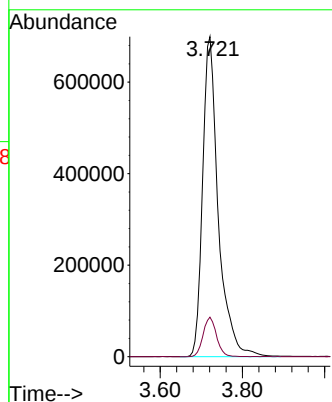
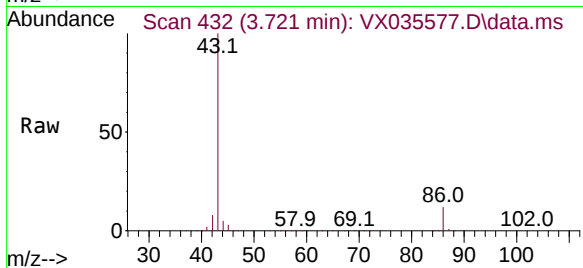




#23
 Vinyl Acetate
 Concen: 261.493 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. 0.001 min
 Lab File: VX035577.D
 Acq: 10 May 2023 11:03

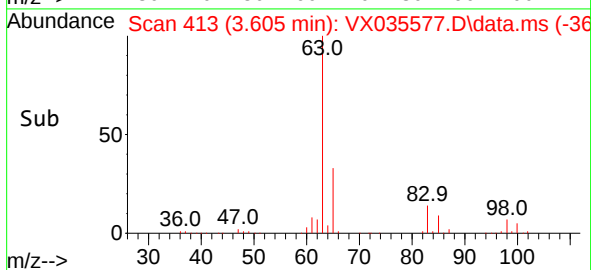
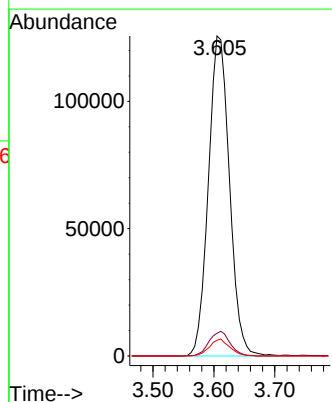
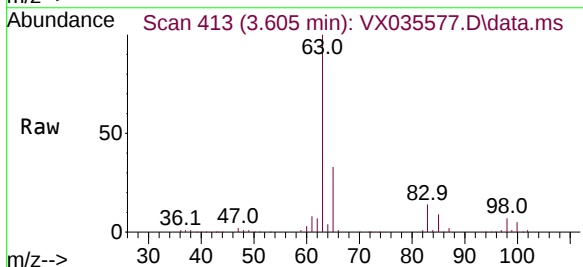
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

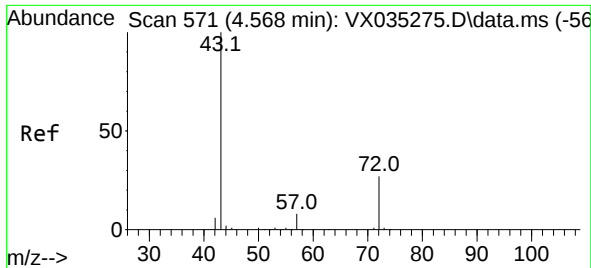
Tgt Ion: 43 Resp: 1848375
 Ion Ratio Lower Upper
 43 100
 86 12.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 52.183 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035577.D
 Acq: 10 May 2023 11:03

Tgt Ion: 63 Resp: 302263
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.9 2.4 7.1

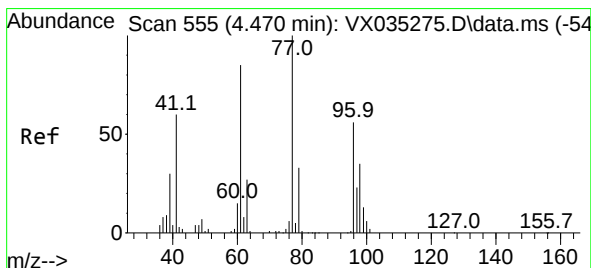
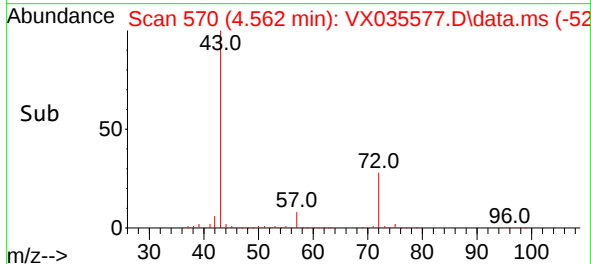
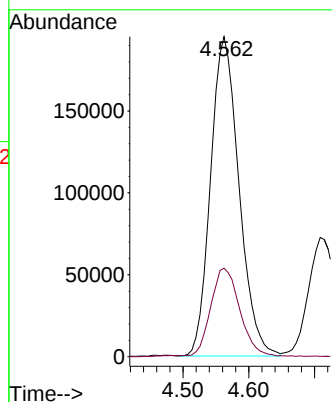
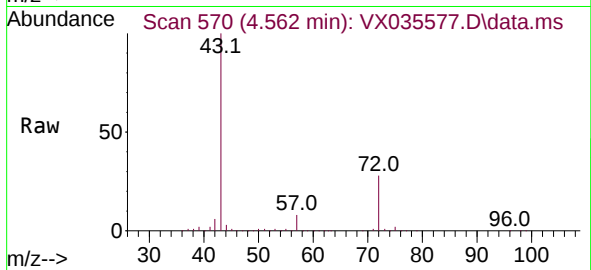




#25
2-Butanone
Concen: 252.133 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

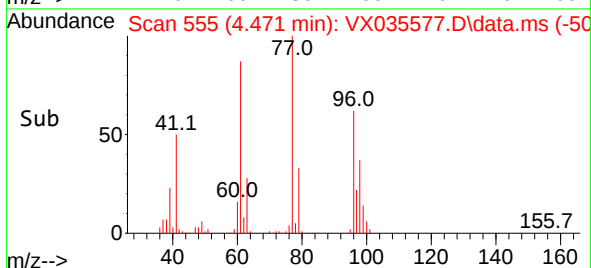
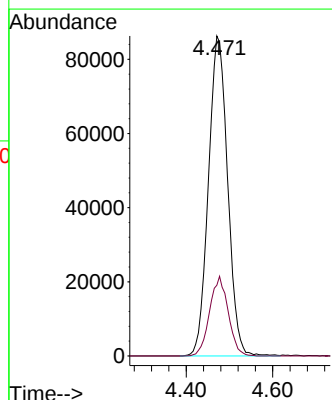
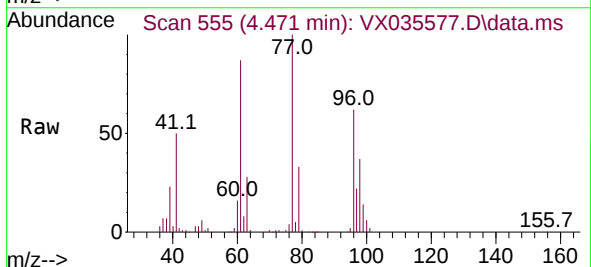
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

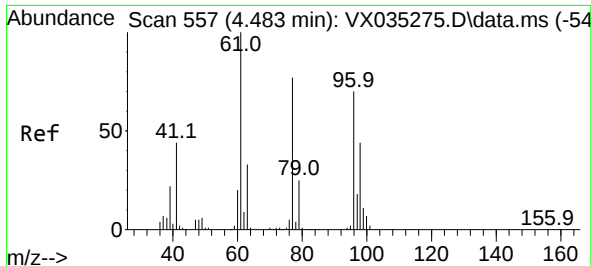
Tgt Ion: 43 Resp: 586277
Ion Ratio Lower Upper
43 100
72 27.4 19.3 28.9



#26
2,2-Dichloropropane
Concen: 58.612 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 77 Resp: 265981
Ion Ratio Lower Upper
77 100
97 24.0 11.4 34.1



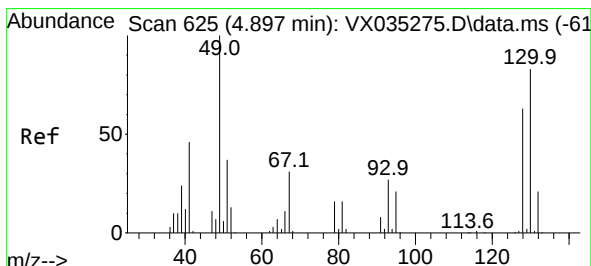
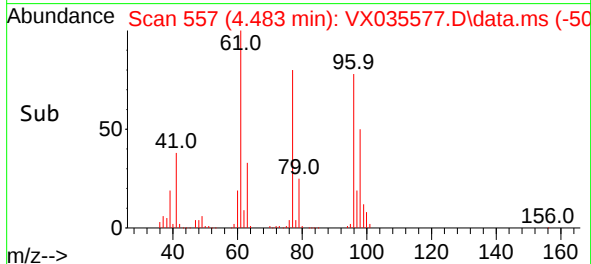
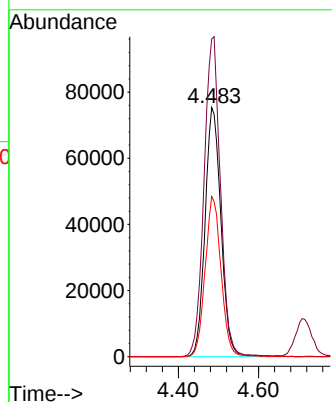
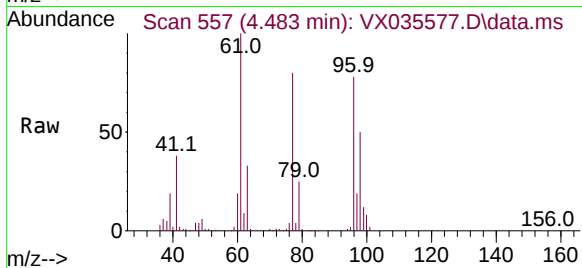


#27
 cis-1,2-Dichloroethene
 Concen: 55.074 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. 0.000 min
 Lab File: VX035577.D
 Acq: 10 May 2023 11:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 207621

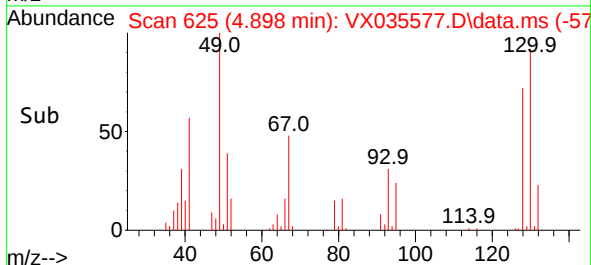
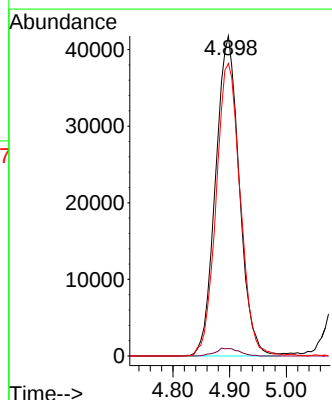
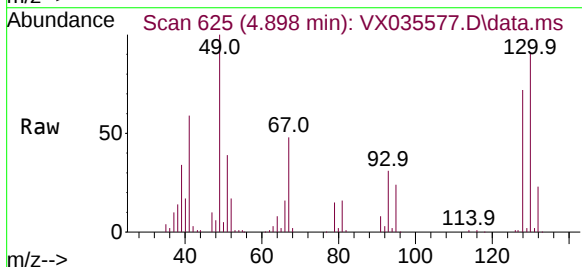
Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	300.4
98	64.1	0.0	129.0

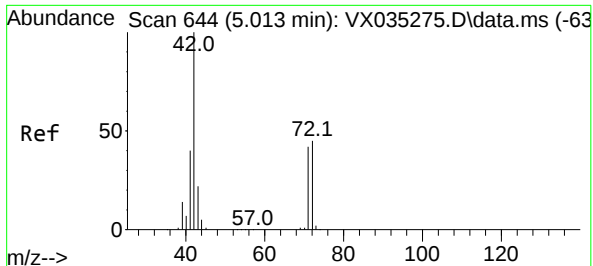


#28
 Bromochloromethane
 Concen: 49.220 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. 0.001 min
 Lab File: VX035577.D
 Acq: 10 May 2023 11:03

Tgt Ion: 49 Resp: 121496

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.0
130	92.8	58.2	87.2





#29

Tetrahydrofuran

Concen: 242.146 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

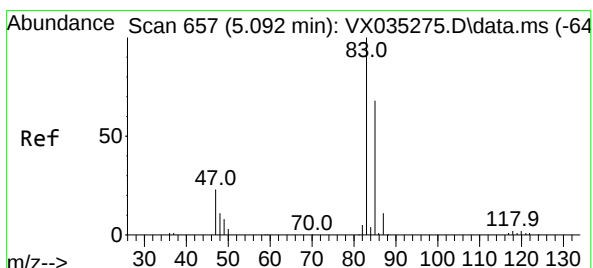
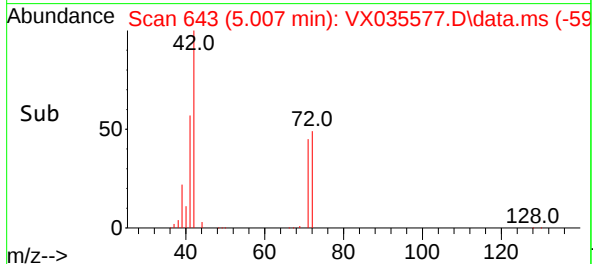
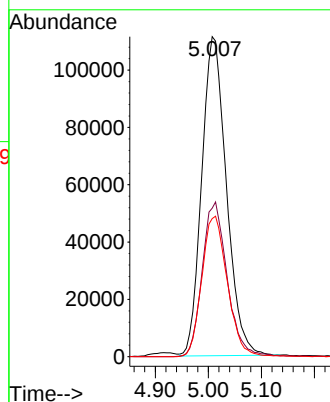
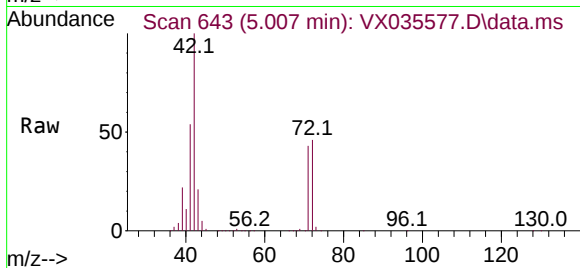
Tgt Ion: 42 Resp: 360945

Ion Ratio Lower Upper

42 100

72 49.0 34.5 51.7

71 45.5 32.1 48.1



#30

Chloroform

Concen: 54.412 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX035577.D

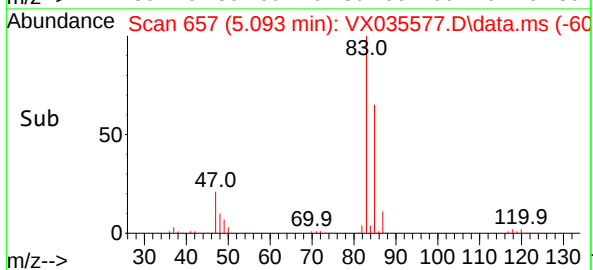
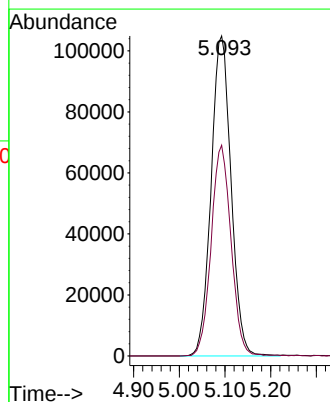
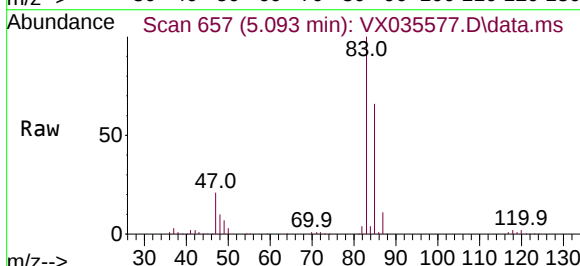
Acq: 10 May 2023 11:03

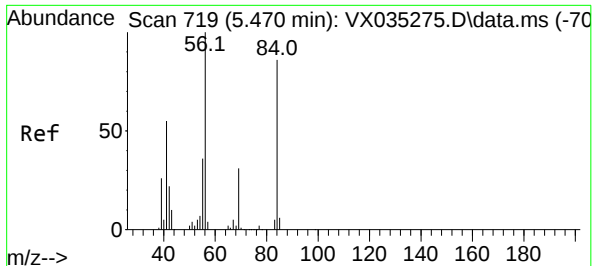
Tgt Ion: 83 Resp: 318171

Ion Ratio Lower Upper

83 100

85 65.9 50.6 76.0

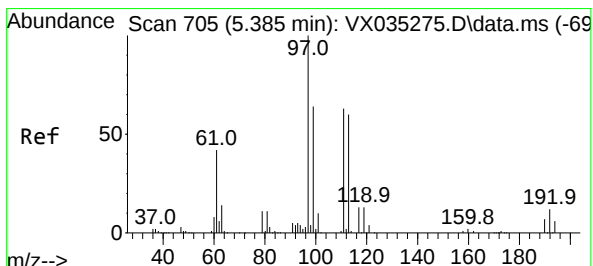
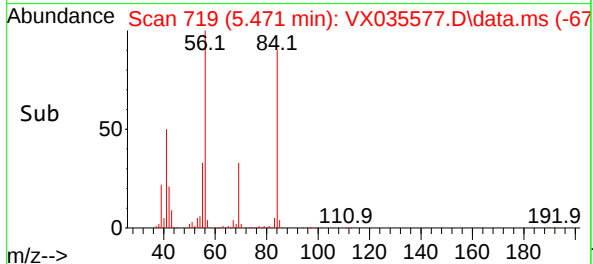
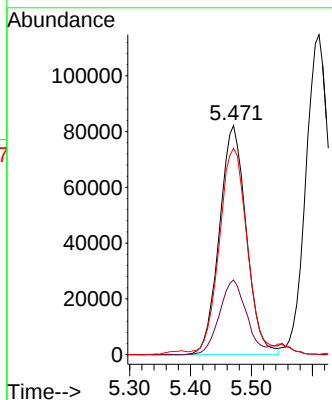
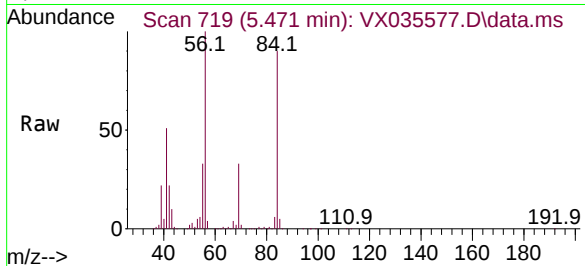




#31
Cyclohexane
Concen: 48.494 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

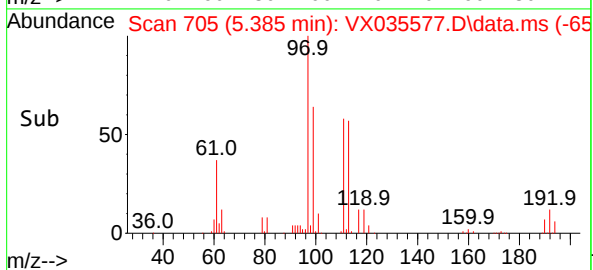
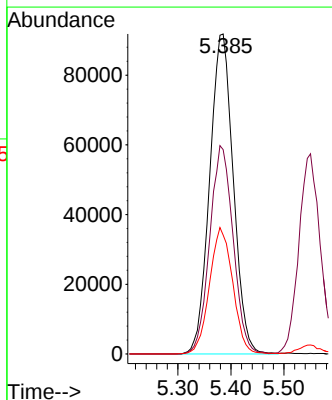
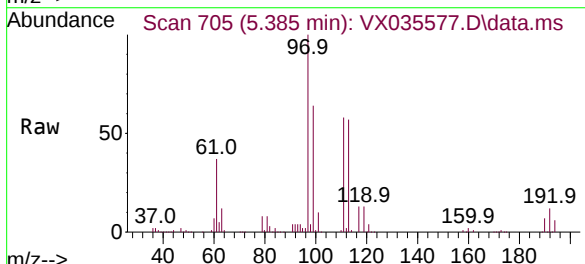
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

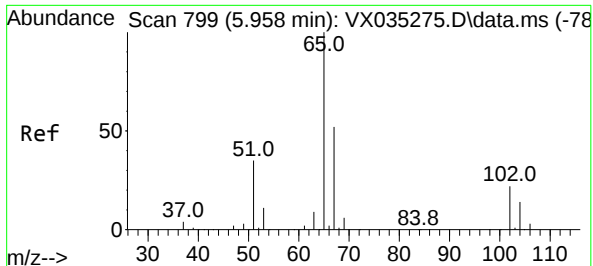
Tgt Ion: 56 Resp: 252328
Ion Ratio Lower Upper
56 100
69 32.6 23.7 35.5
84 88.5 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 55.447 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 97 Resp: 284143
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 38.9 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 43.099 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

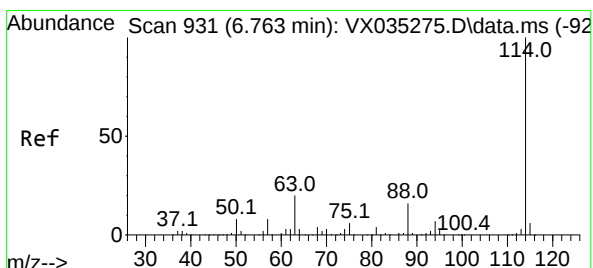
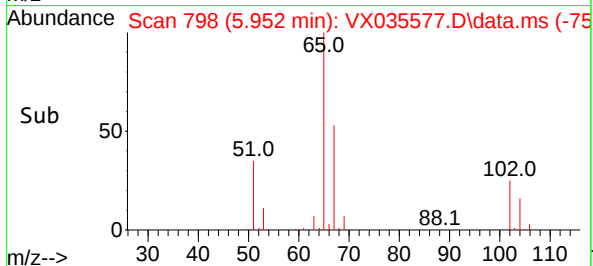
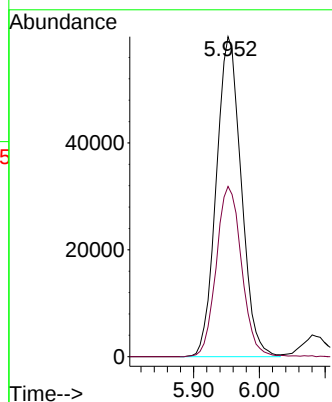
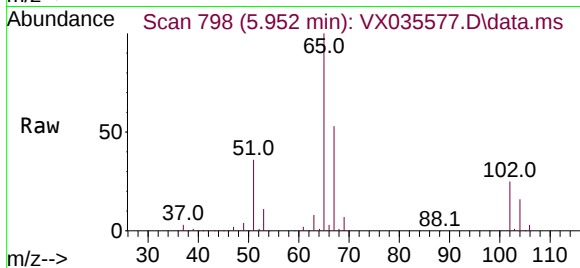
VSTDCCC050

Tgt Ion: 65 Resp: 158090

Ion Ratio Lower Upper

65 100

67 54.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

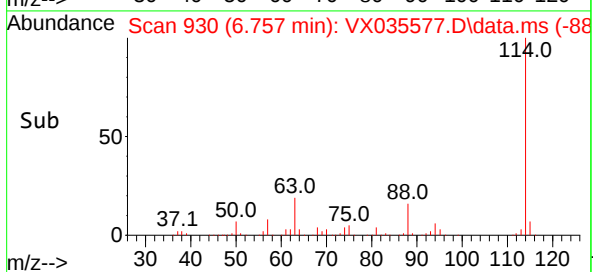
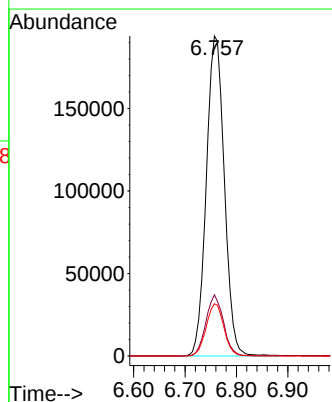
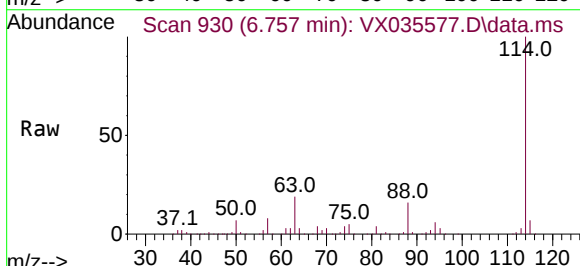
Tgt Ion: 114 Resp: 472336

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.2

88 16.3 0.0 33.2

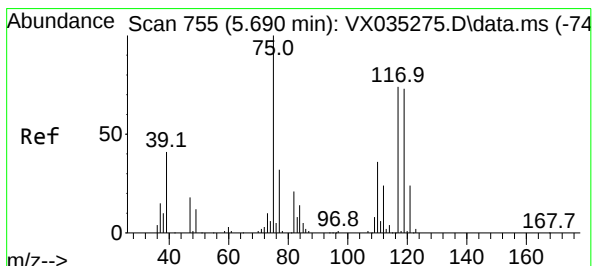
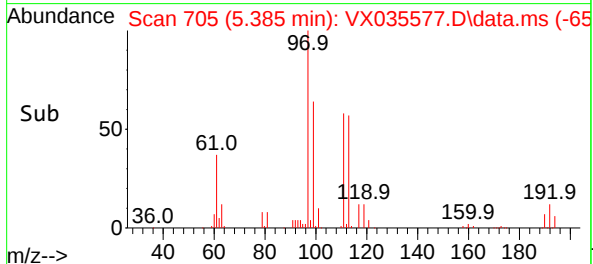
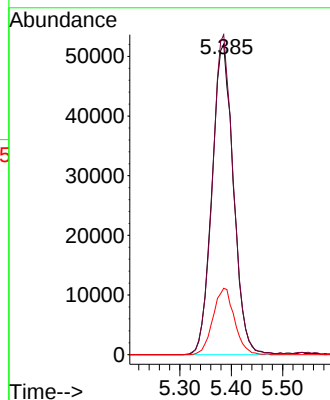
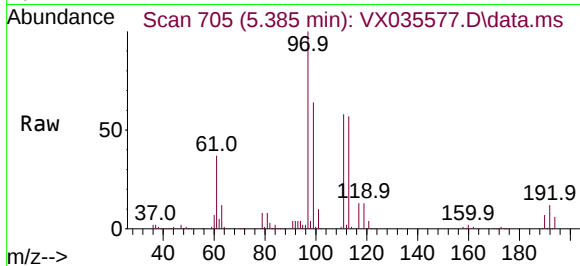




#35
Dibromofluoromethane
Concen: 51.994 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

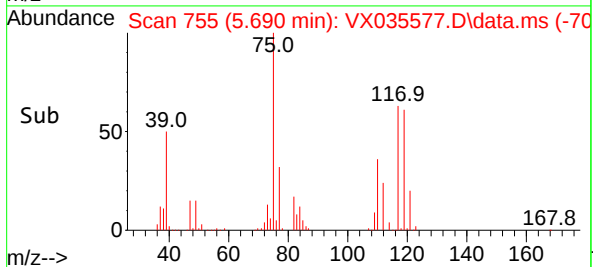
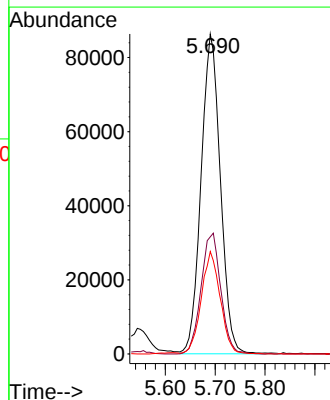
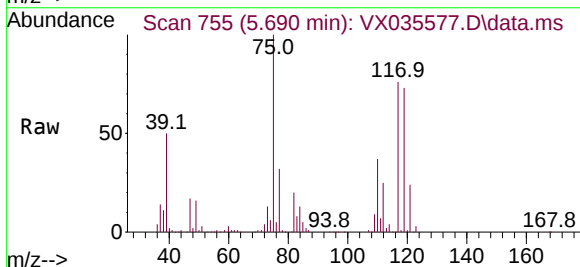
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

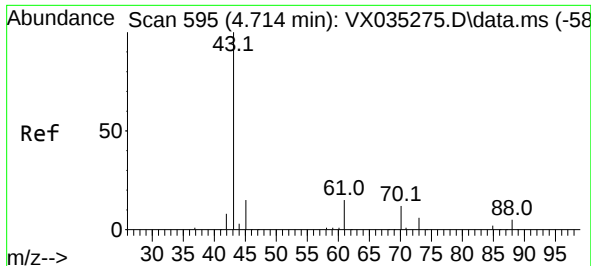
Tgt Ion:113 Resp: 150735
Ion Ratio Lower Upper
113 100
111 101.1 83.7 125.5
192 21.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 51.271 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 75 Resp: 232089
Ion Ratio Lower Upper
75 100
110 38.6 17.5 52.5
77 31.5 24.3 36.5





#37

Ethyl Acetate

Concen: 52.880 ug/l

RT: 4.709 min Scan# 594

Delta R.T. -0.005 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

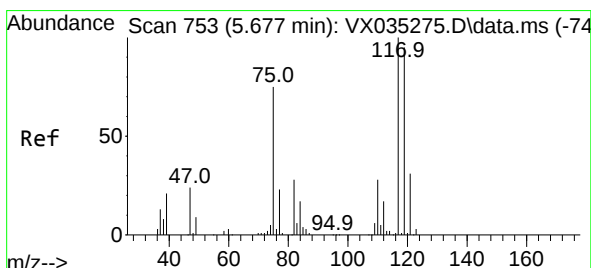
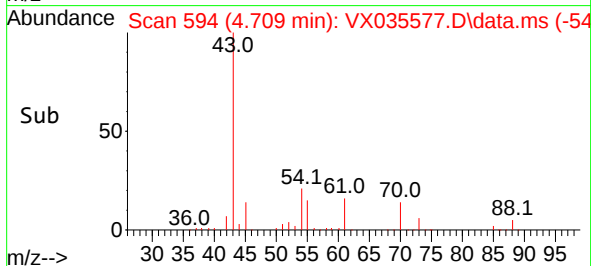
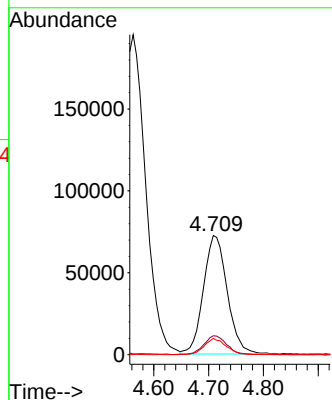
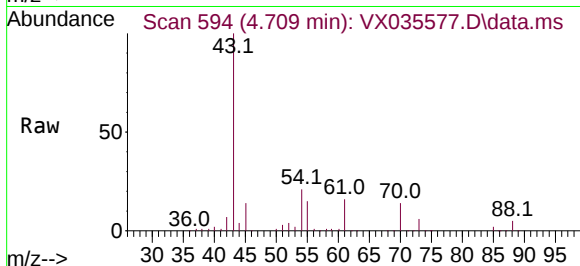
Tgt Ion: 43 Resp: 218630

Ion Ratio Lower Upper

43 100

61 15.1 10.2 15.4

70 12.6 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 58.148 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.005 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

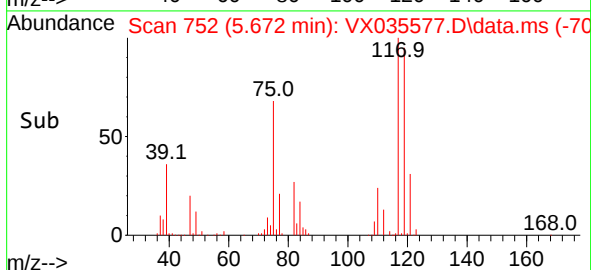
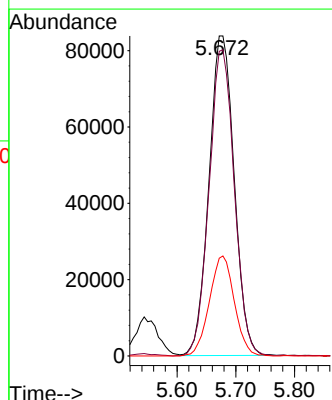
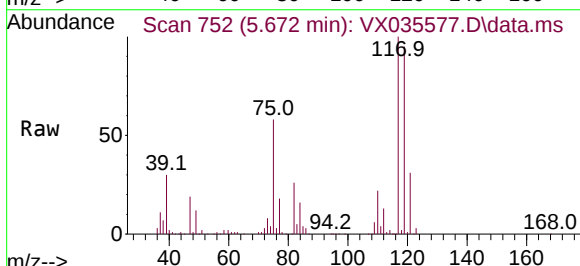
Tgt Ion: 117 Resp: 249877

Ion Ratio Lower Upper

117 100

119 95.3 76.6 114.8

121 30.6 23.8 35.6

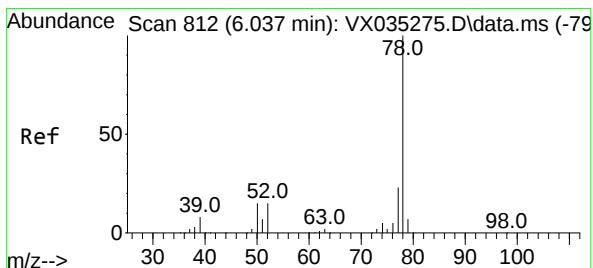
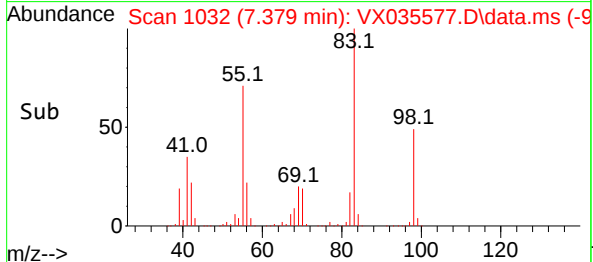
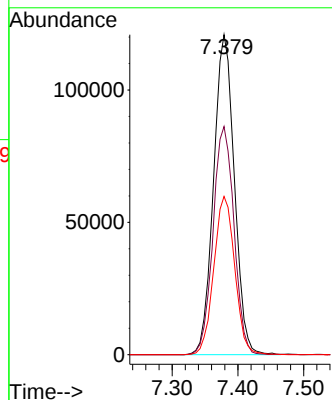
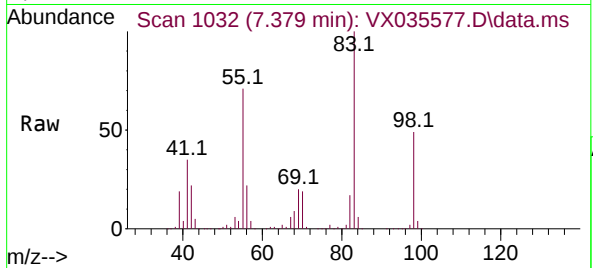




#39
Methylcyclohexane
Concen: 48.236 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

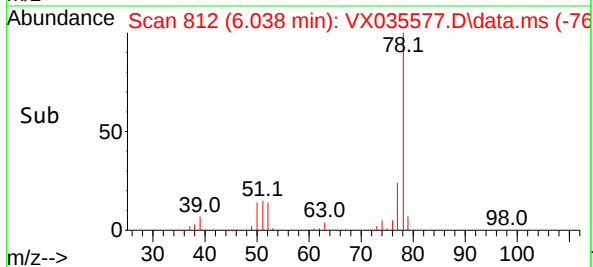
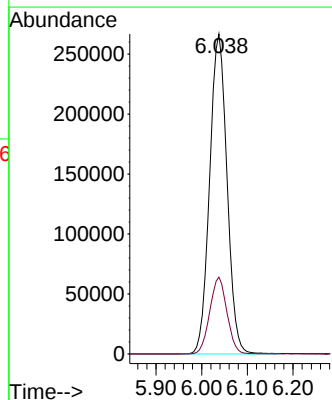
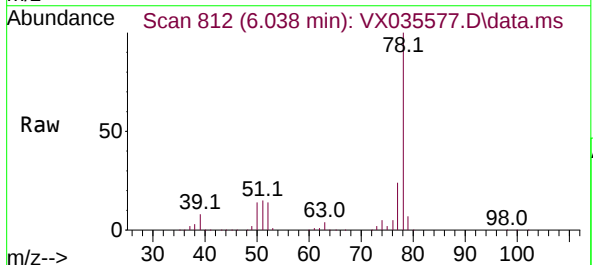
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

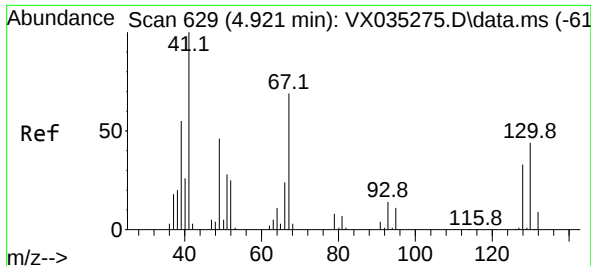
Tgt Ion: 83 Resp: 265786
Ion Ratio Lower Upper
83 100
55 71.3 60.5 90.7
98 49.4 40.4 60.6



#40
Benzene
Concen: 54.276 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 78 Resp: 704804
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4

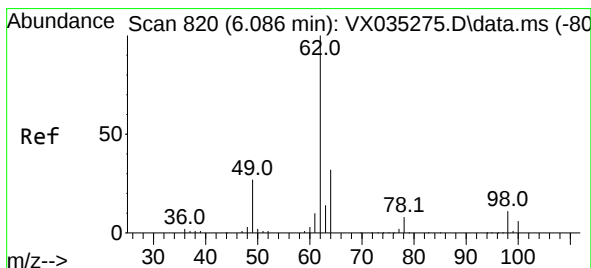
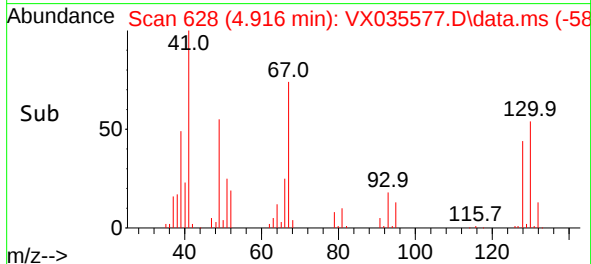
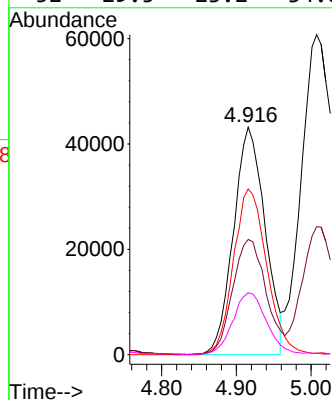
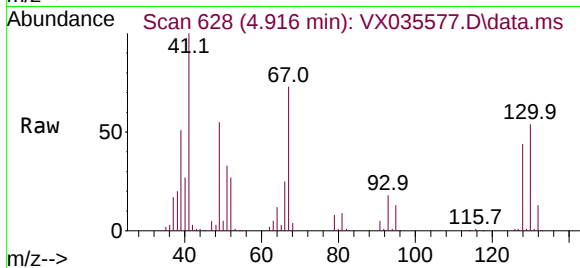




#41
Methacrylonitrile
Concen: 53.500 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.005 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

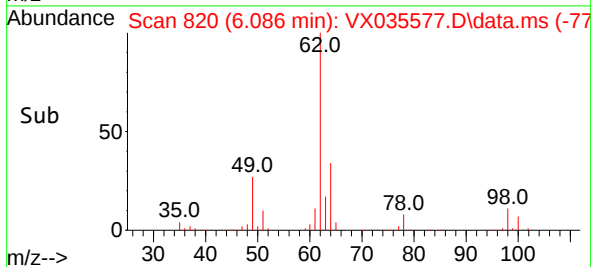
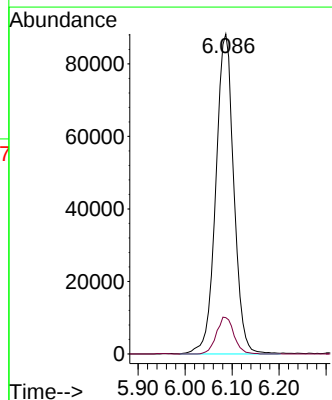
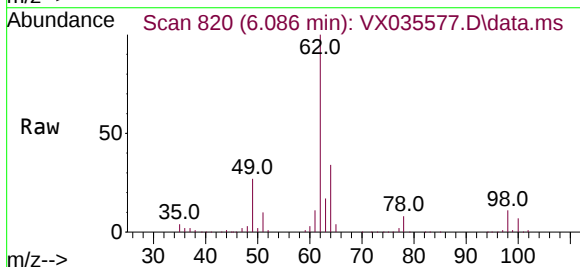
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

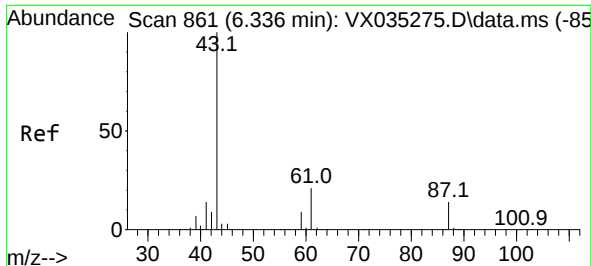
Tgt Ion: 41 Resp: 126742
Ion Ratio Lower Upper
41 100
39 54.1 45.0 67.6
67 77.2 55.6 83.4
52 29.5 23.2 34.8



#42
1,2-Dichloroethane
Concen: 50.804 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 62 Resp: 235223
Ion Ratio Lower Upper
62 100
98 11.2 0.0 18.0

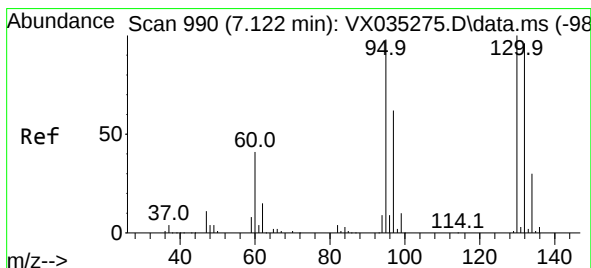
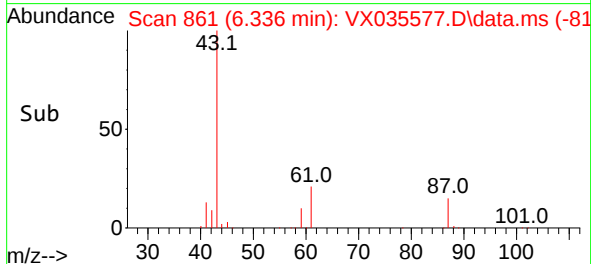
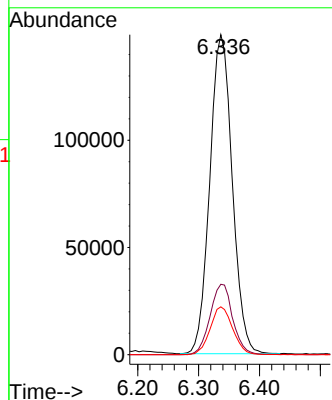
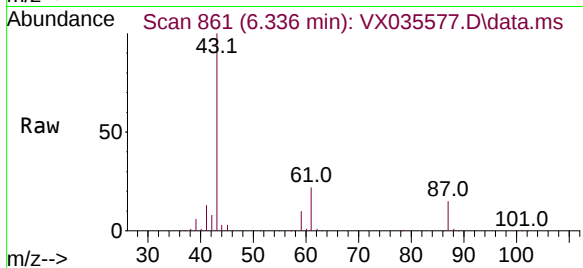




#43
Isopropyl Acetate
Concen: 54.957 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

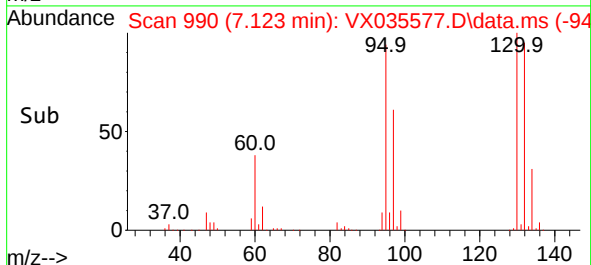
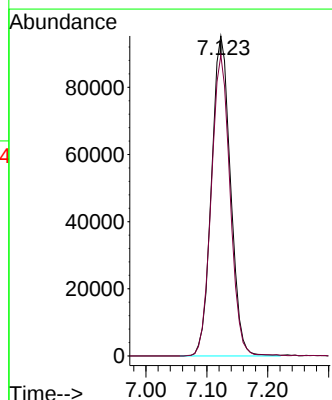
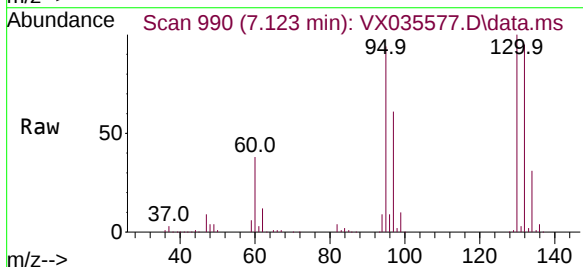
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

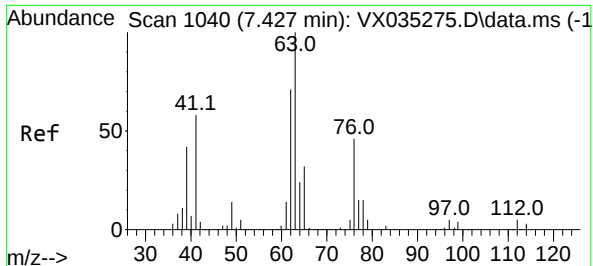
Tgt Ion: 43 Resp: 381792
Ion Ratio Lower Upper
43 100
61 22.3 15.2 22.8
87 15.1 9.8 14.8#



#44
Trichloroethene
Concen: 57.565 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion:130 Resp: 205928
Ion Ratio Lower Upper
130 100
95 94.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 55.685 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

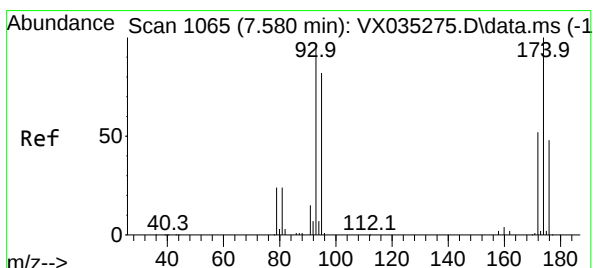
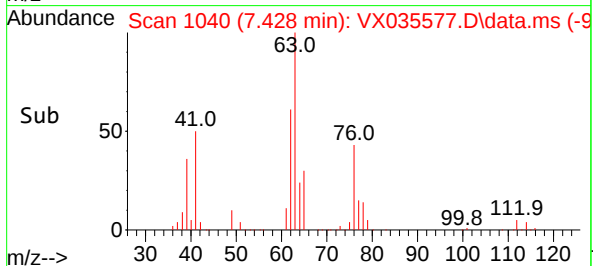
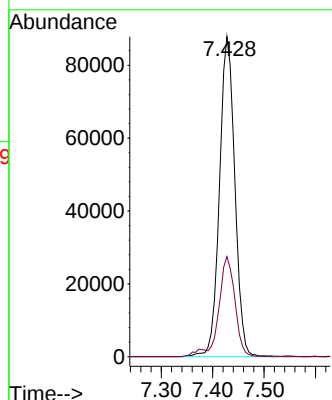
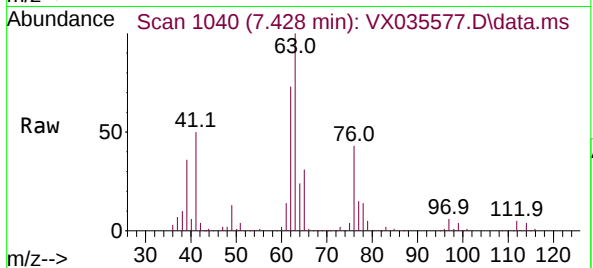
VSTDCCC050

Tgt Ion: 63 Resp: 182302

Ion Ratio Lower Upper

63 100

65 31.2 24.6 37.0



#46

Dibromomethane

Concen: 56.420 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

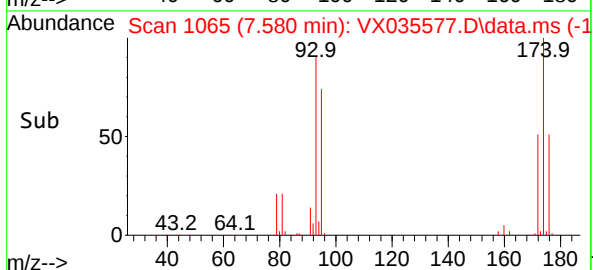
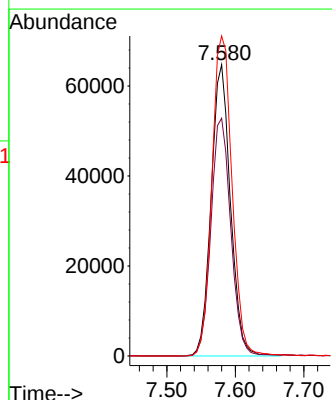
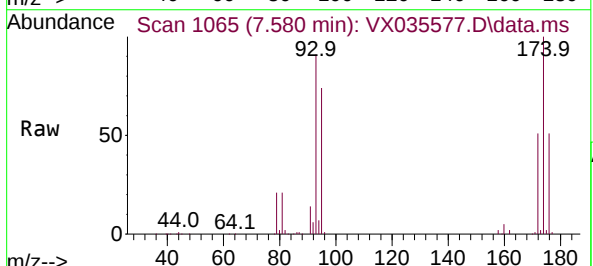
Tgt Ion: 93 Resp: 126843

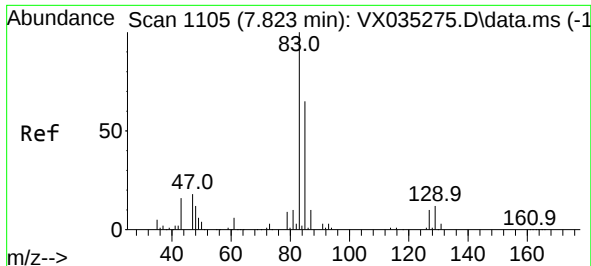
Ion Ratio Lower Upper

93 100

95 83.8 66.9 100.3

174 114.6 75.4 113.0#

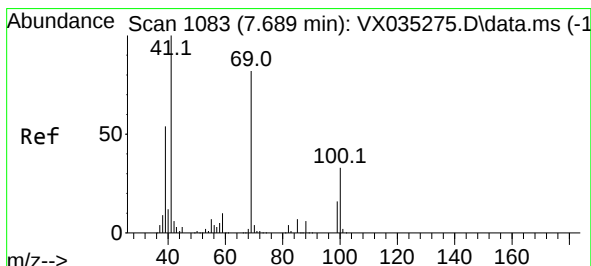
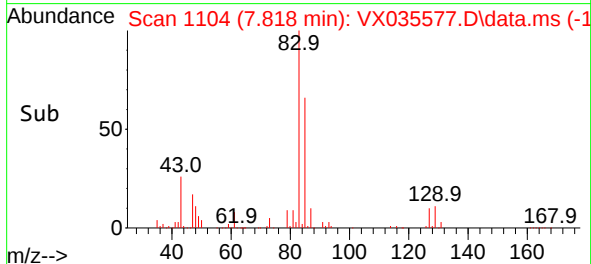
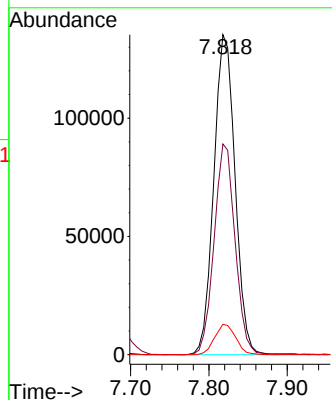
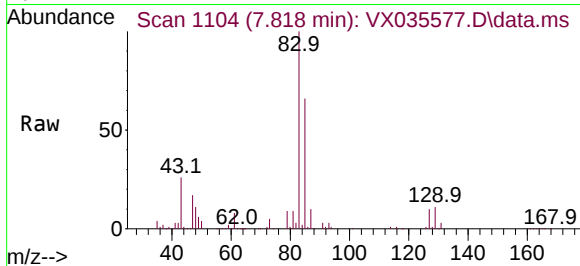




#47
Bromodichloromethane
Concen: 61.575 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

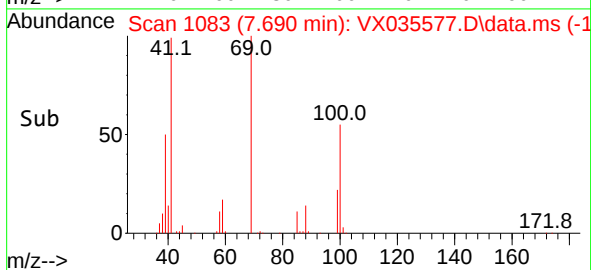
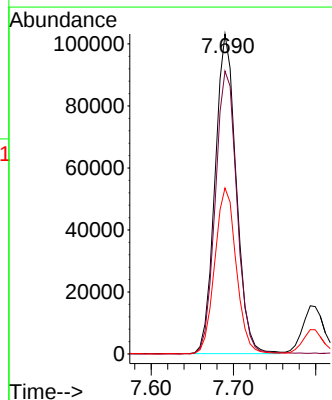
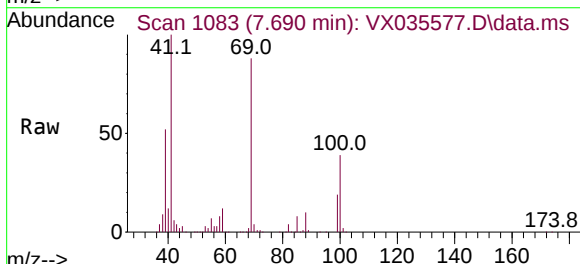
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

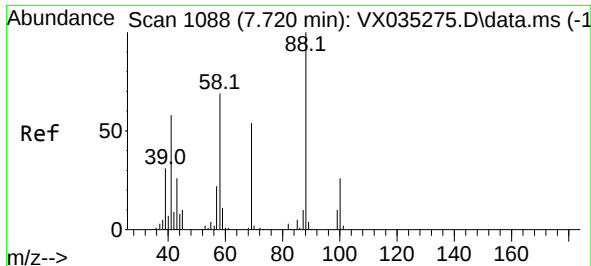
Tgt Ion: 83 Resp: 255056
Ion Ratio Lower Upper
83 100
85 65.9 52.2 78.4
127 9.5 6.6 9.8



#48
Methyl methacrylate
Concen: 54.184 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 41 Resp: 184647
Ion Ratio Lower Upper
41 100
69 90.7 62.2 93.4
39 52.8 47.7 71.5





#49

1,4-Dioxane

Concen: 921.217 ug/l

RT: 7.714 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

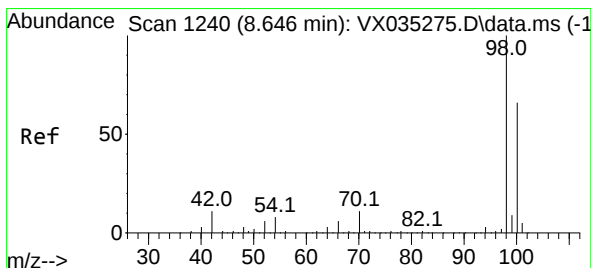
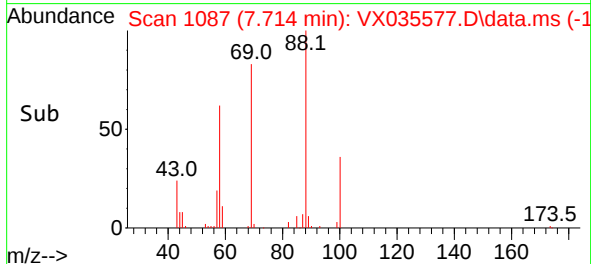
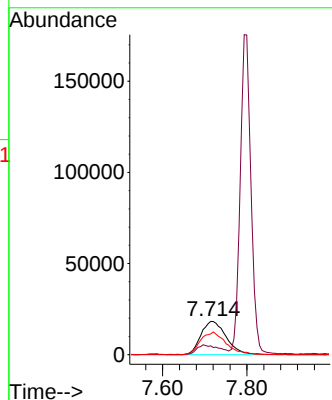
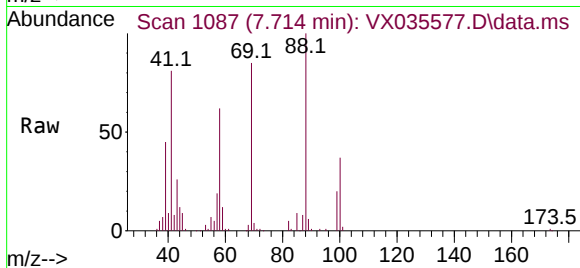
Tgt Ion: 88 Resp: 76521

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 68.5 56.8 85.2



#50

Toluene-d8

Concen: 47.952 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035577.D

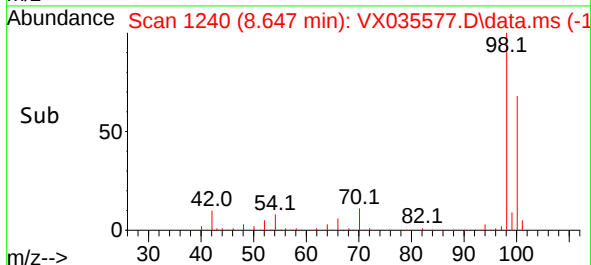
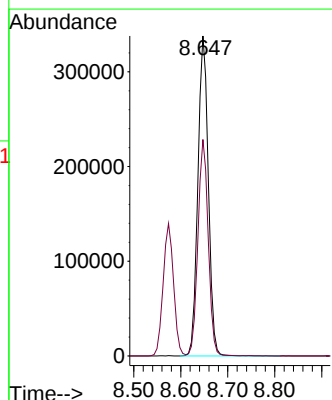
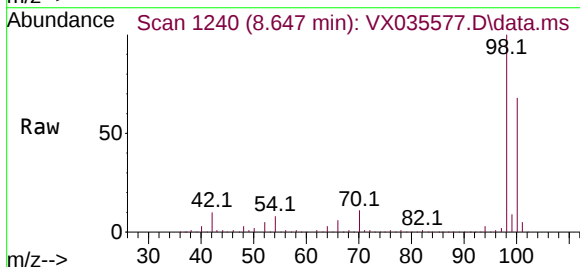
Acq: 10 May 2023 11:03

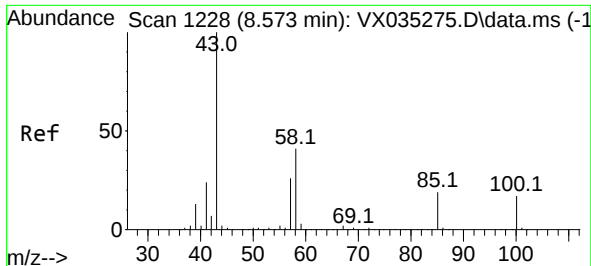
Tgt Ion: 98 Resp: 524408

Ion Ratio Lower Upper

98 100

100 66.6 52.5 78.7

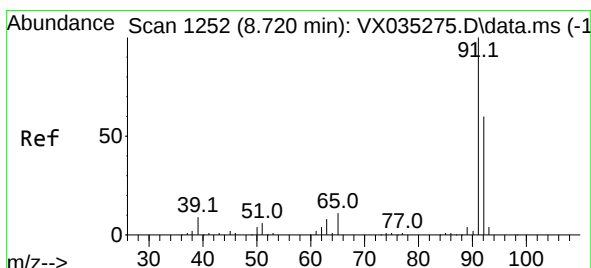
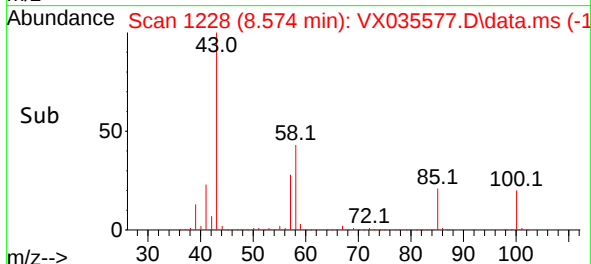
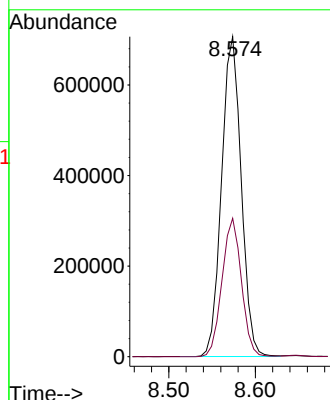
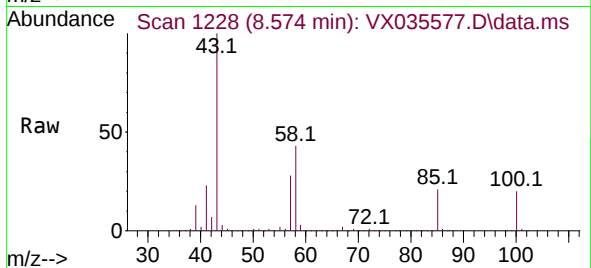




#51
4-Methyl-2-Pentanone
Concen: 260.835 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

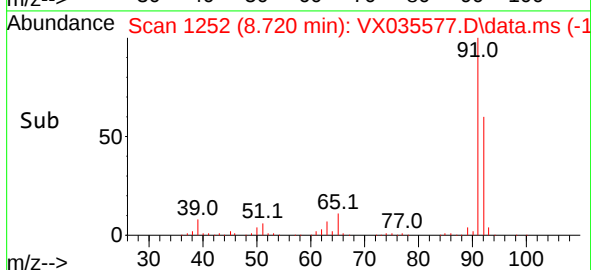
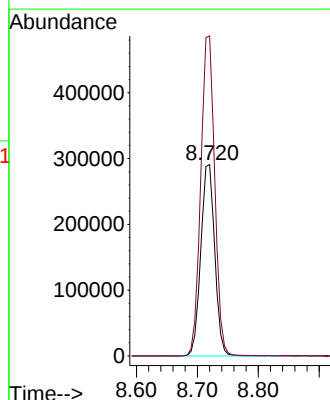
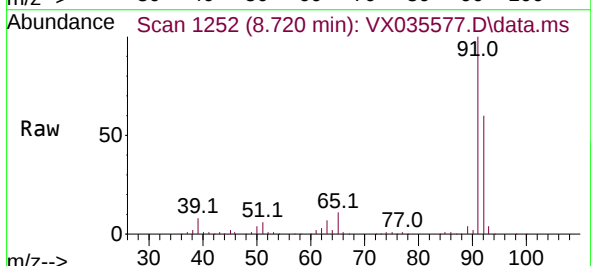
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

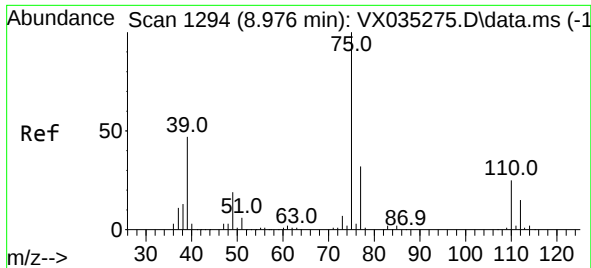
Tgt Ion: 43 Resp: 1113261
Ion Ratio Lower Upper
43 100
58 42.7 30.6 46.0



#52
Toluene
Concen: 56.374 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 92 Resp: 464025
Ion Ratio Lower Upper
92 100
91 167.9 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 66.970 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

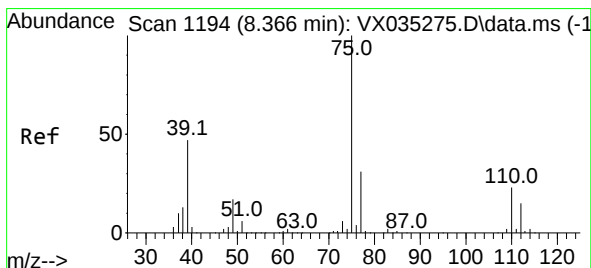
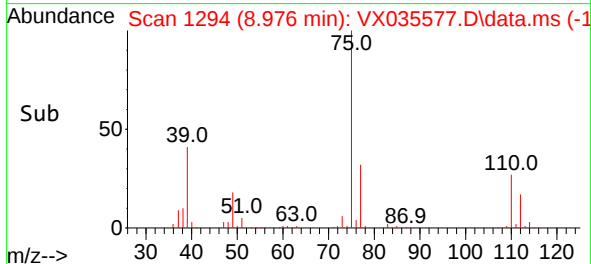
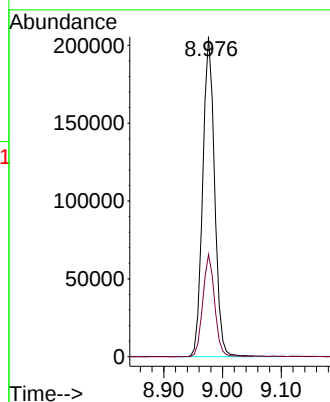
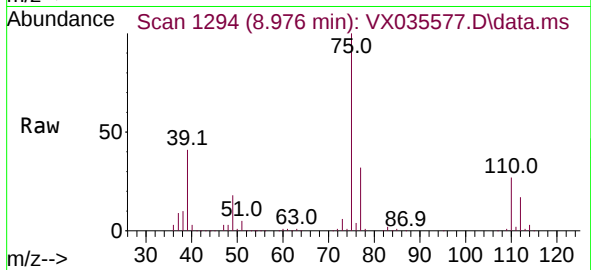
VSTDCCC050

Tgt Ion: 75 Resp: 289701

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 63.483 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

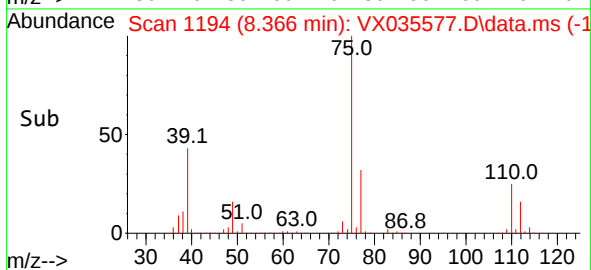
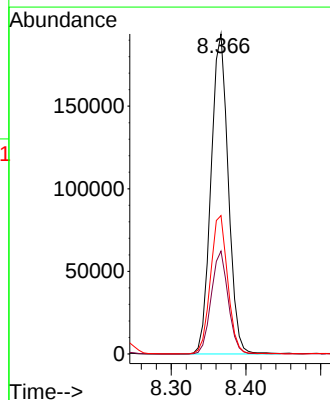
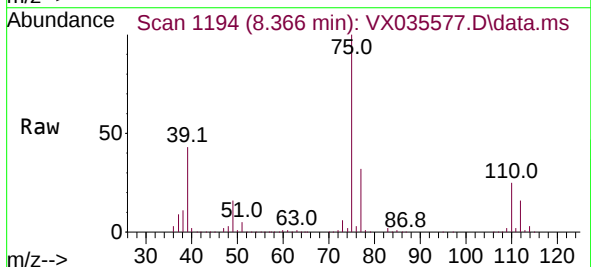
Tgt Ion: 75 Resp: 310399

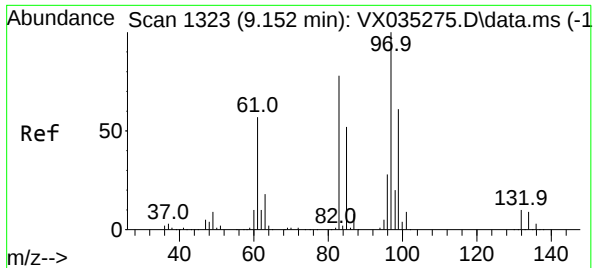
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

39 43.2 44.6 66.8#



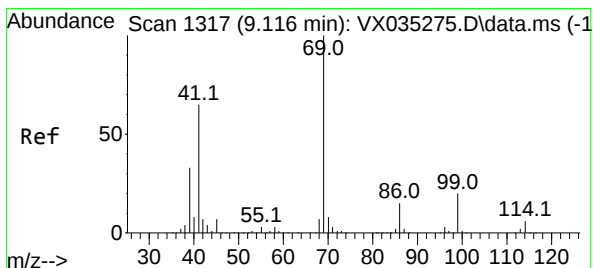
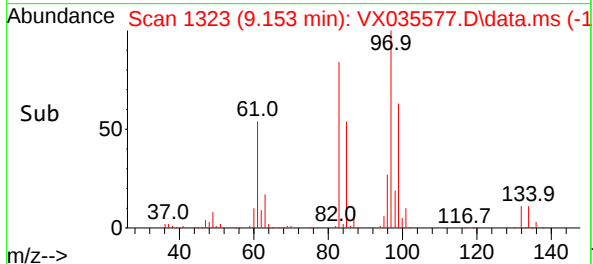
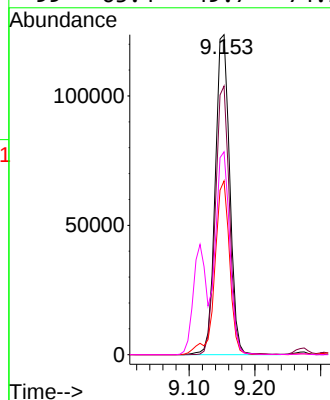
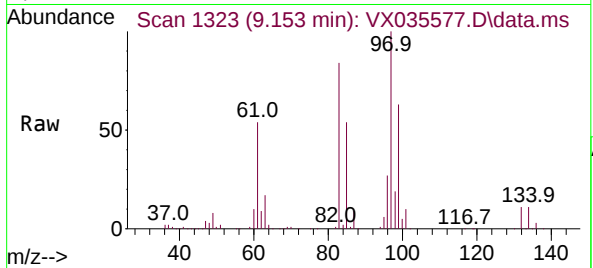


#55
1,1,2-Trichloroethane
Concen: 57.690 ug/l
RT: 9.153 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 189301

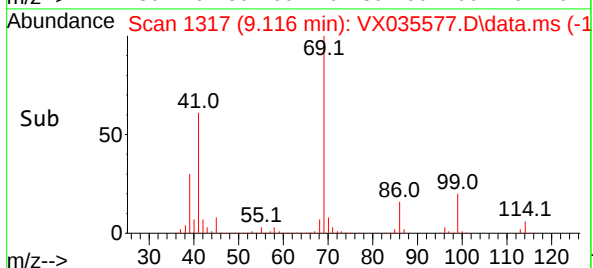
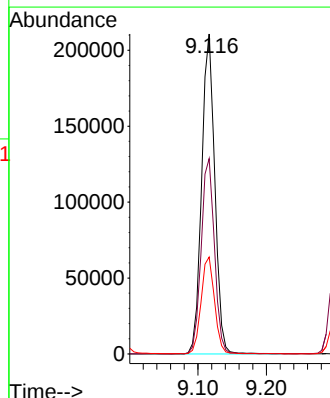
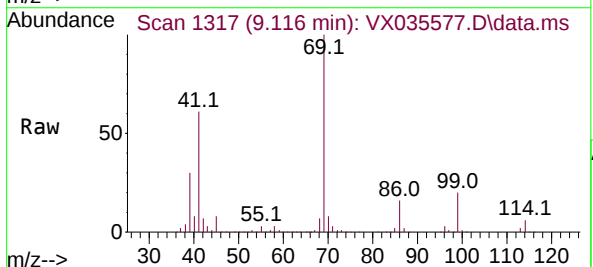
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.7	104.5
85	54.2	43.7	65.5
99	63.4	49.7	74.5

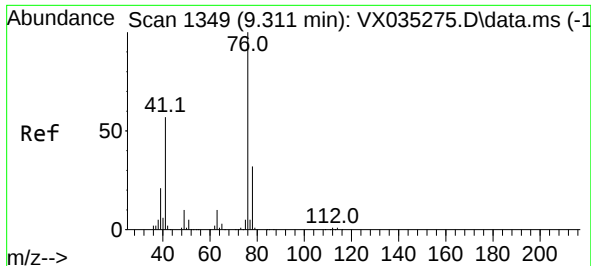


#56
Ethyl methacrylate
Concen: 57.565 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 69 Resp: 281385

Ion	Ratio	Lower	Upper
69	100		
41	62.2	57.4	86.0
39	31.0	33.7	50.5





#57

1,3-Dichloropropane

Concen: 55.636 ug/l

RT: 9.305 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

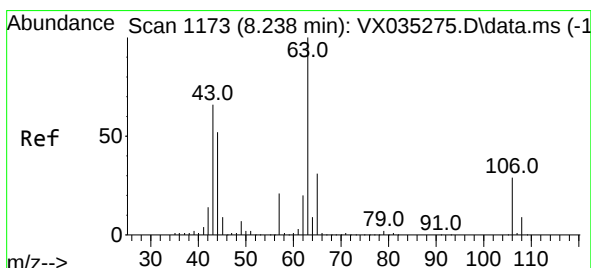
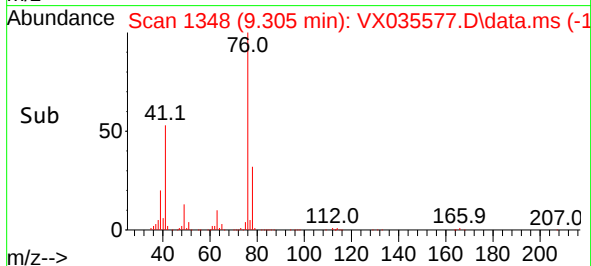
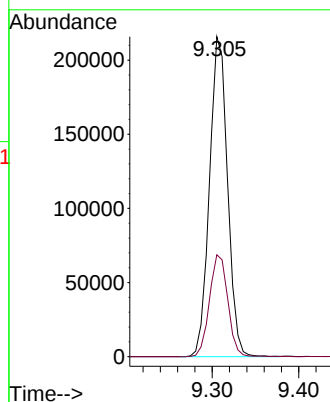
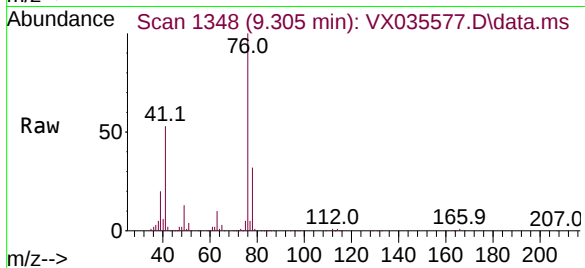
VSTDCCC050

Tgt Ion: 76 Resp: 312258

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 264.613 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035577.D

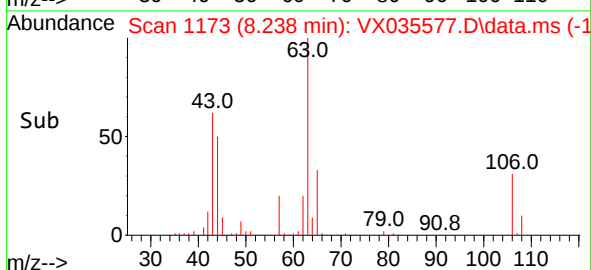
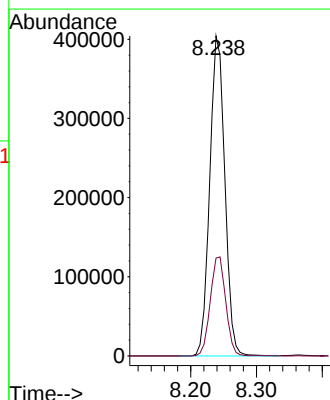
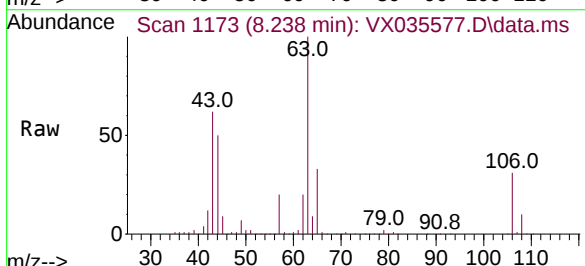
Acq: 10 May 2023 11:03

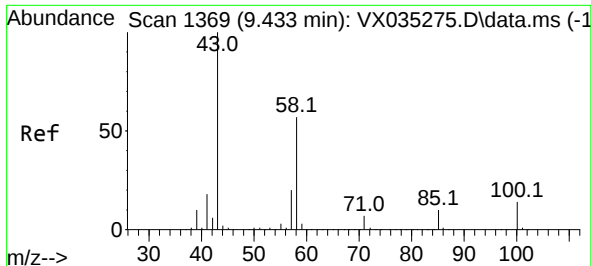
Tgt Ion: 63 Resp: 646755

Ion Ratio Lower Upper

63 100

106 31.8 22.2 33.2





#59

2-Hexanone

Concen: 262.164 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

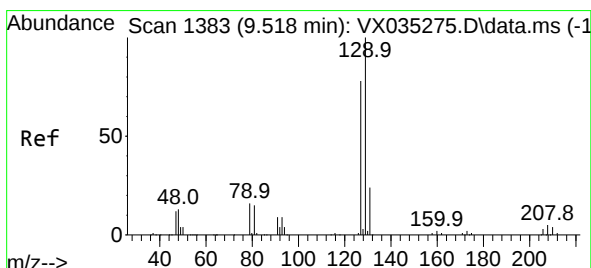
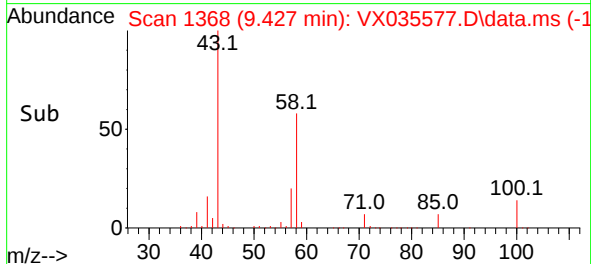
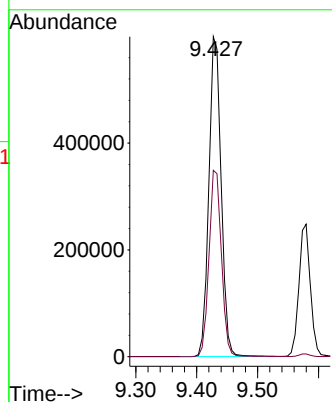
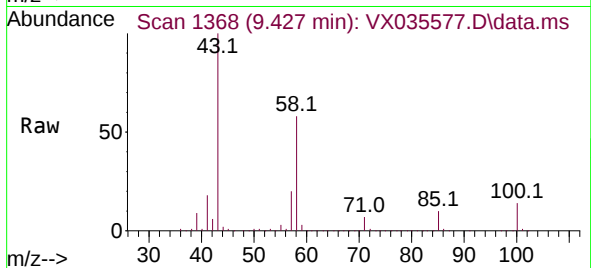
VSTDCCC050

Tgt Ion: 43 Resp: 840596

Ion Ratio Lower Upper

43 100

58 58.9 26.3 78.9



#60

Dibromochloromethane

Concen: 68.836 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX035577.D

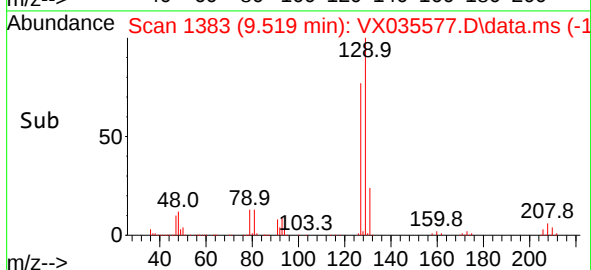
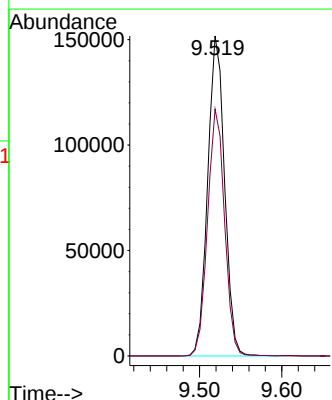
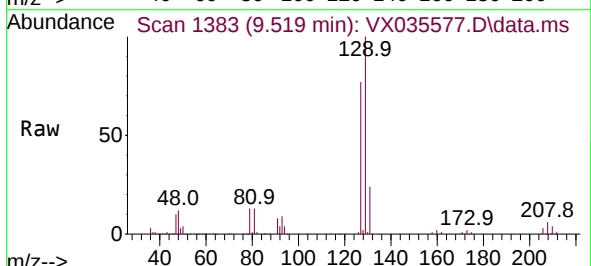
Acq: 10 May 2023 11:03

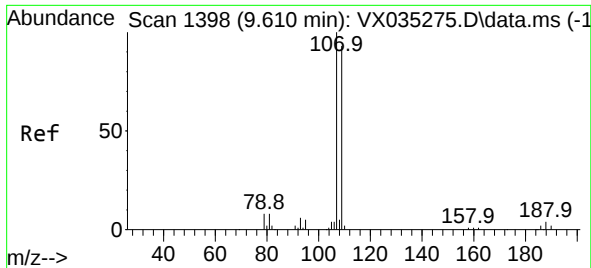
Tgt Ion:129 Resp: 216415

Ion Ratio Lower Upper

129 100

127 77.7 39.0 117.0

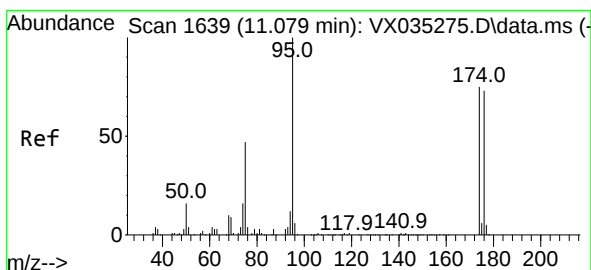
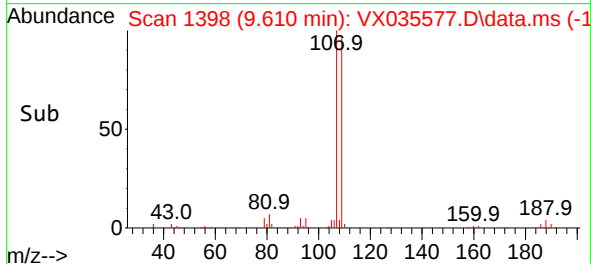
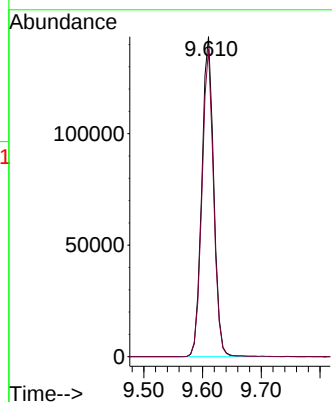
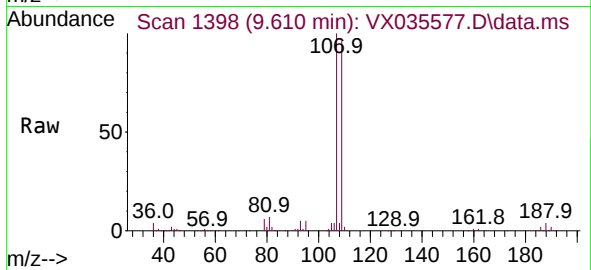




#61
1,2-Dibromoethane
Concen: 59.829 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

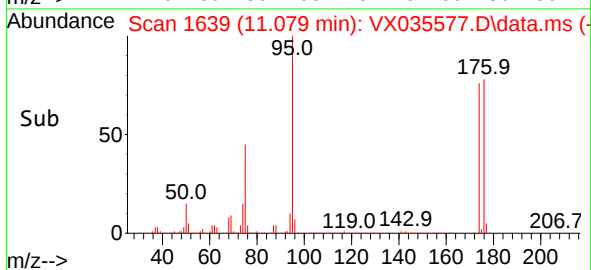
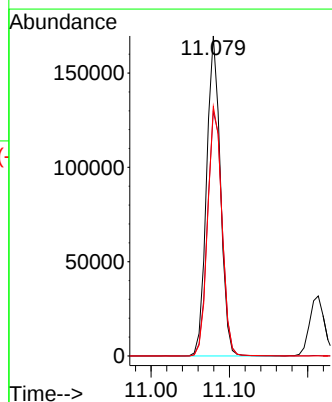
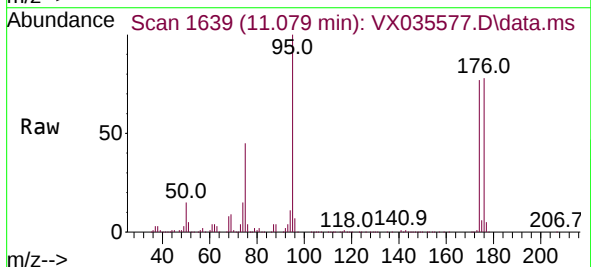
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

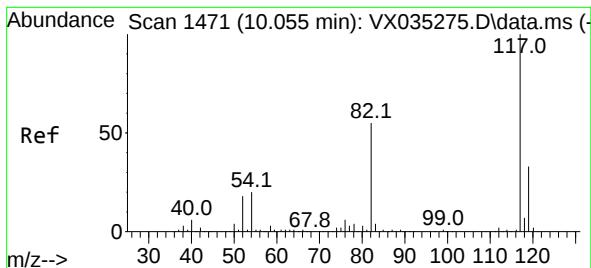
Tgt Ion:107 Resp: 202387
Ion Ratio Lower Upper
107 100
109 93.8 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 50.346 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 95 Resp: 207123
Ion Ratio Lower Upper
95 100
174 80.7 0.0 147.4
176 80.4 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

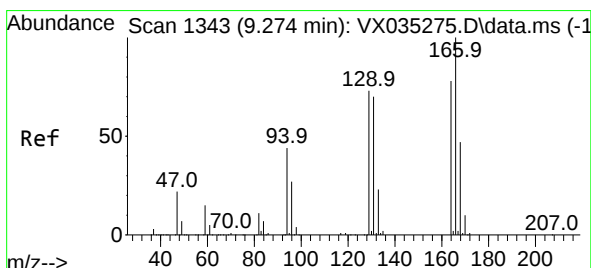
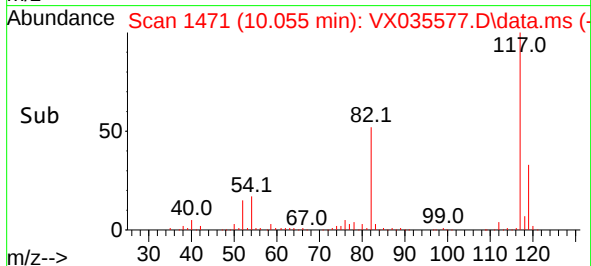
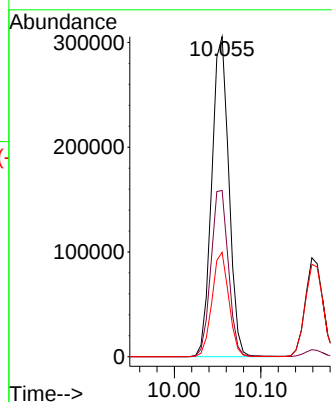
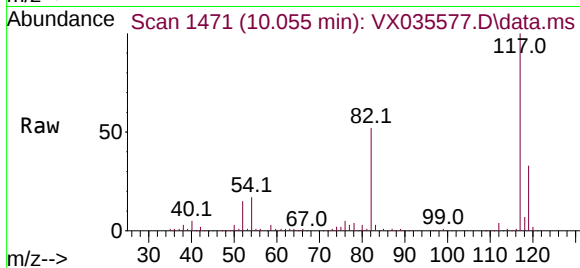
Tgt Ion:117 Resp: 419791

Ion Ratio Lower Upper

117 100

82 52.0 45.0 67.4

119 32.6 26.0 39.0



#64

Tetrachloroethene

Concen: 52.900 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.001 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Tgt Ion:164 Resp: 170034

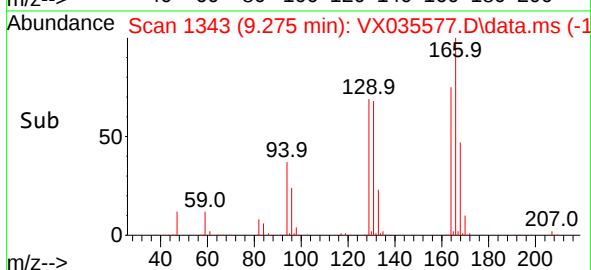
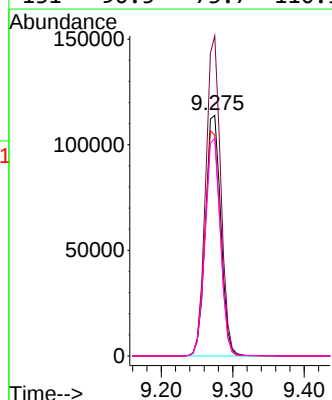
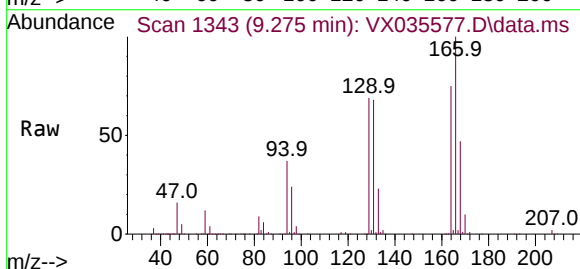
Ion Ratio Lower Upper

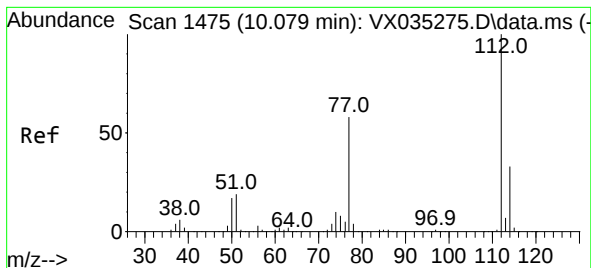
164 100

166 132.9 102.7 154.1

129 91.7 75.6 113.4

131 90.5 73.7 110.5





#65

Chlorobenzene

Concen: 56.777 ug/l

RT: 10.080 min Scan# 1475

Delta R.T. 0.001 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

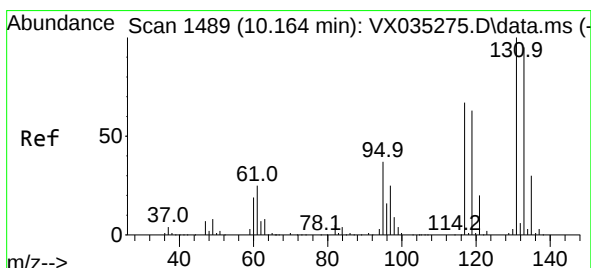
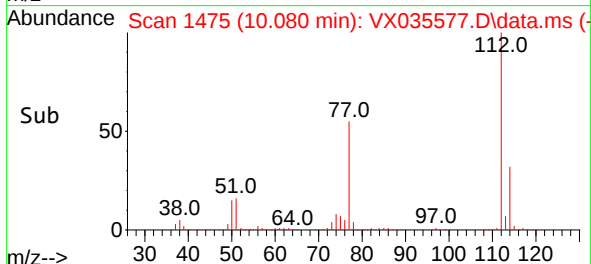
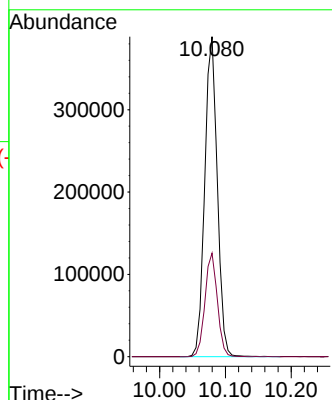
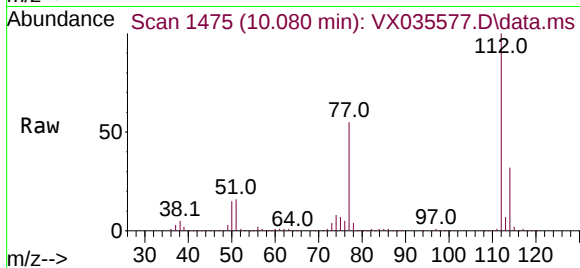
VSTDCCC050

Tgt Ion:112 Resp: 515663

Ion Ratio Lower Upper

112 100

114 32.4 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 64.226 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.005 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

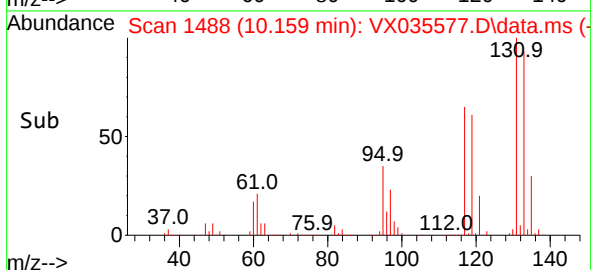
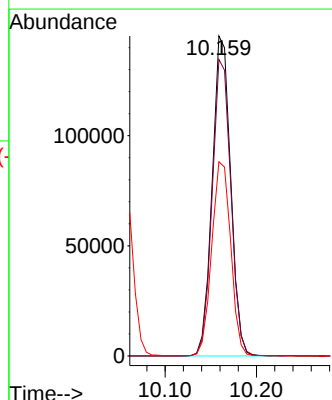
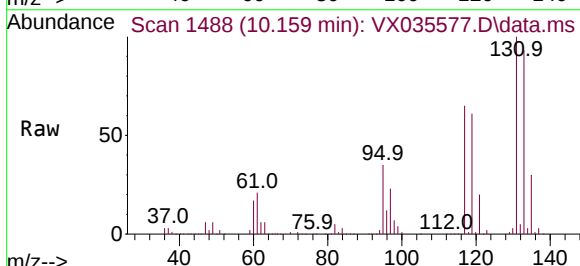
Tgt Ion:131 Resp: 203008

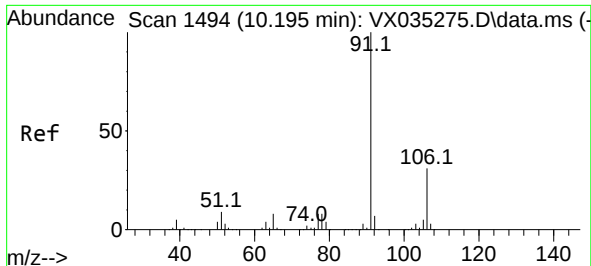
Ion Ratio Lower Upper

131 100

133 93.7 47.1 141.4

119 62.7 32.6 98.0





#67

Ethyl Benzene

Concen: 55.917 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

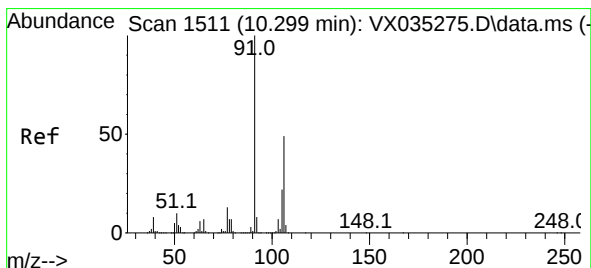
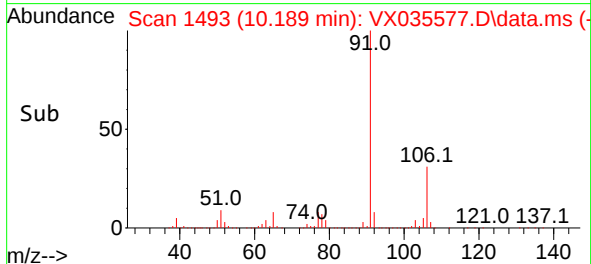
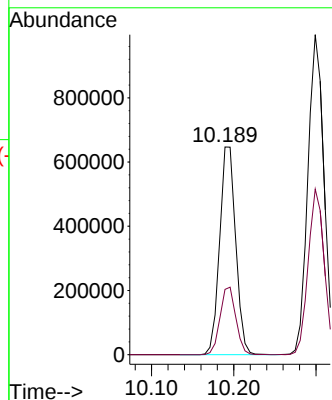
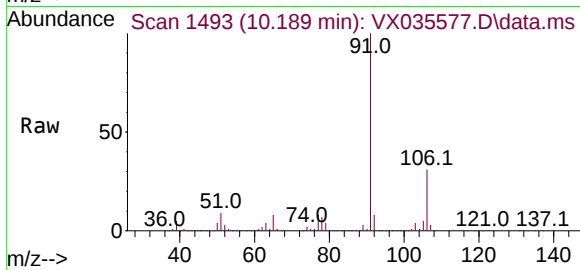
VSTDCCC050

Tgt Ion: 91 Resp: 879497

Ion Ratio Lower Upper

91 100

106 31.5 25.6 38.4



#68

m/p-Xylenes

Concen: 115.792 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX035577.D

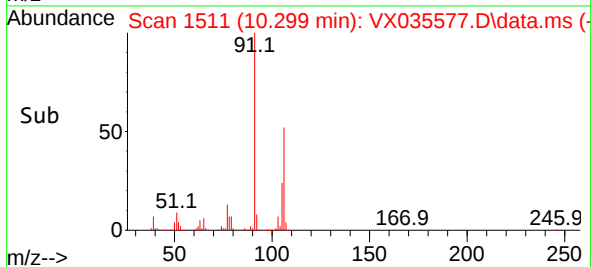
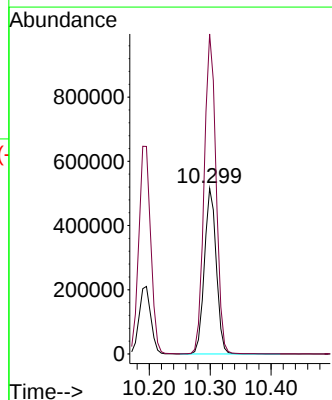
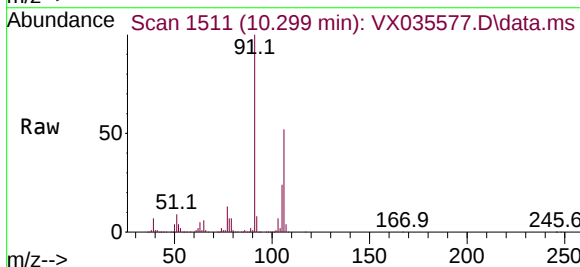
Acq: 10 May 2023 11:03

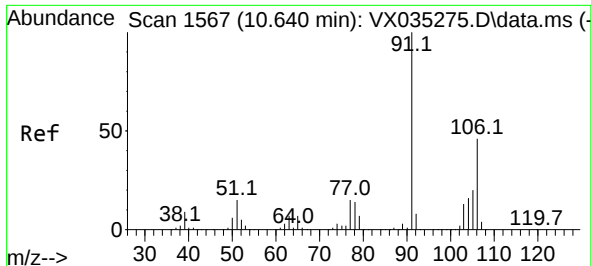
Tgt Ion:106 Resp: 697860

Ion Ratio Lower Upper

106 100

91 193.8 164.0 246.0

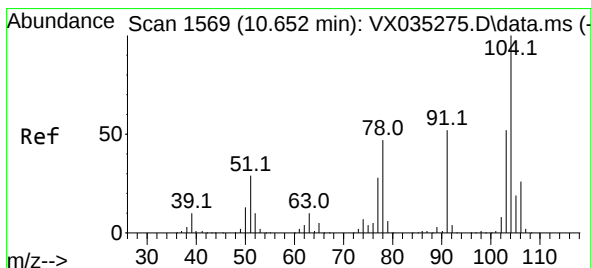
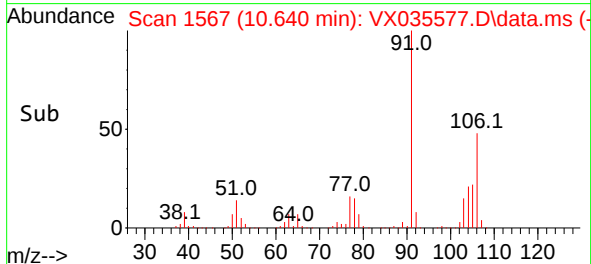
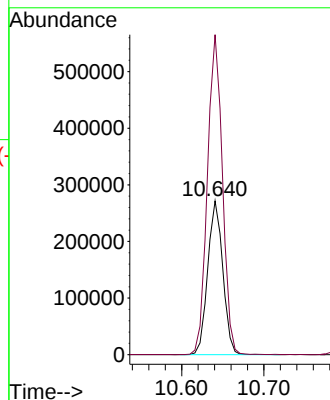
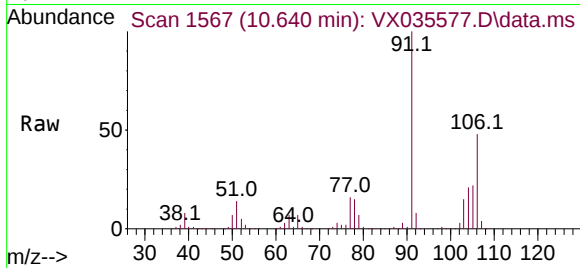




#69
o-Xylene
Concen: 58.497 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

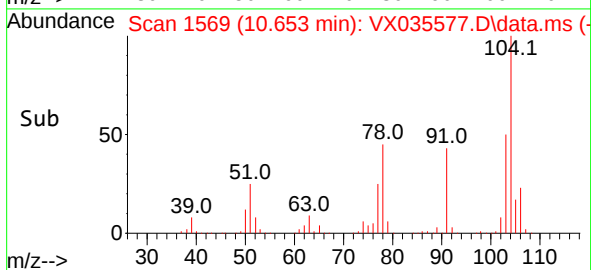
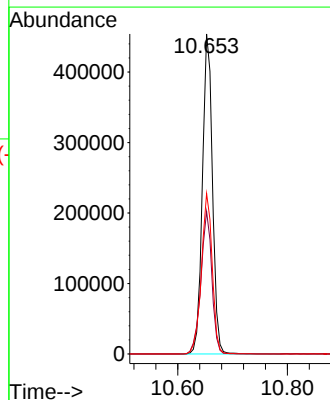
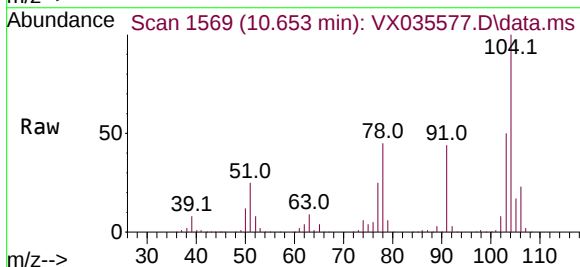
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

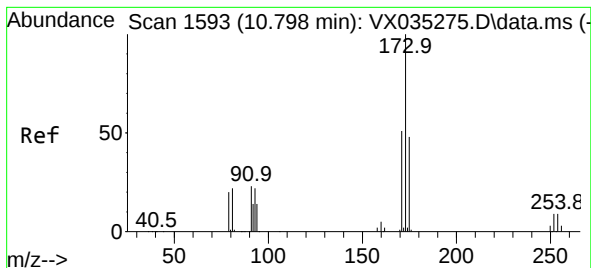
Tgt Ion:106 Resp: 345712
Ion Ratio Lower Upper
106 100
91 207.7 108.5 325.3



#70
Styrene
Concen: 60.361 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion:104 Resp: 578403
Ion Ratio Lower Upper
104 100
78 48.4 43.4 65.2
103 54.2 44.2 66.2





#71

Bromoform

Concen: 75.740 ug/l

RT: 10.799 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

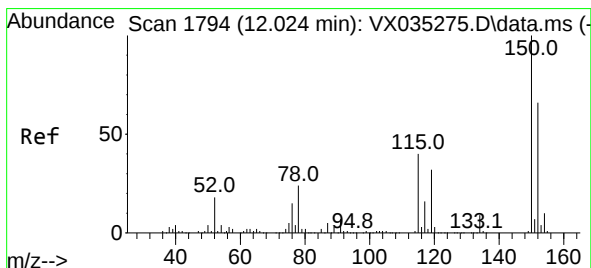
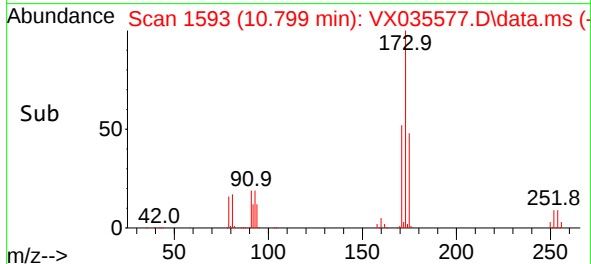
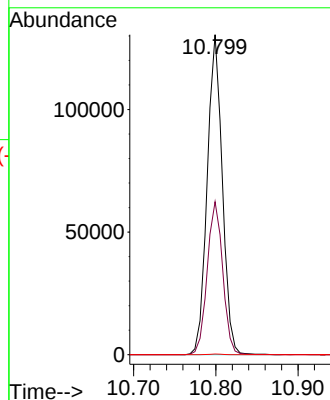
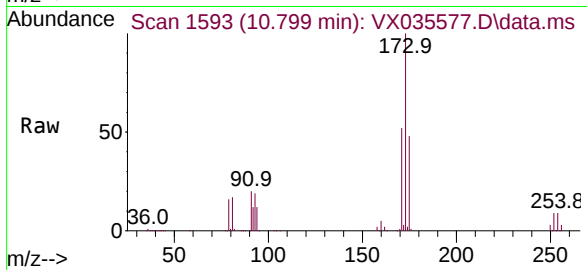
Tgt Ion:173 Resp: 166522

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.4

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

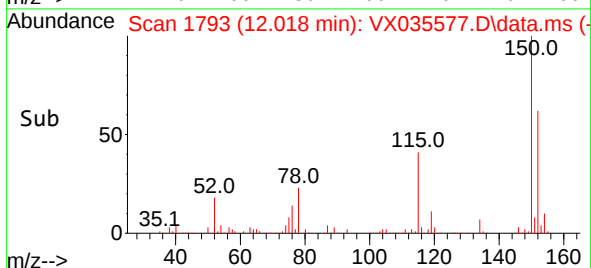
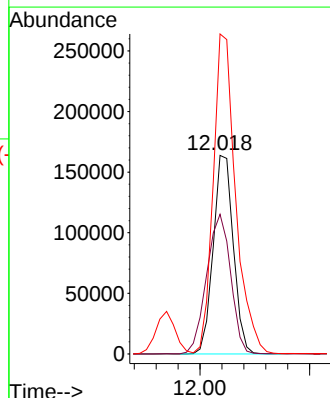
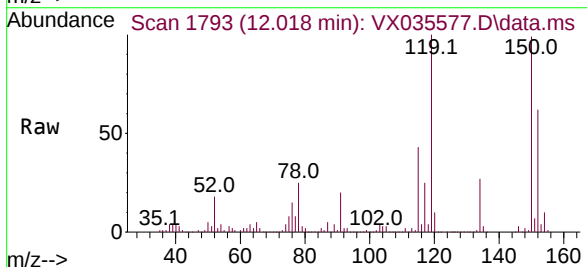
Tgt Ion:152 Resp: 209220

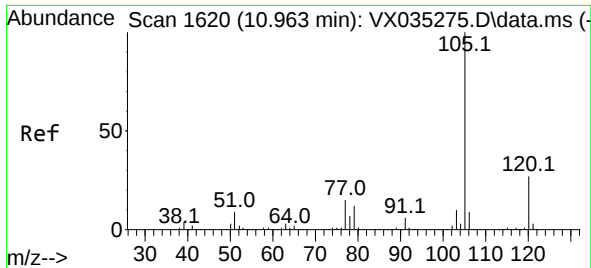
Ion Ratio Lower Upper

152 100

115 84.0 45.0 135.0

150 178.9 0.0 352.4

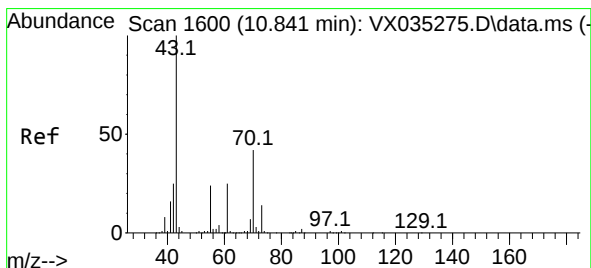
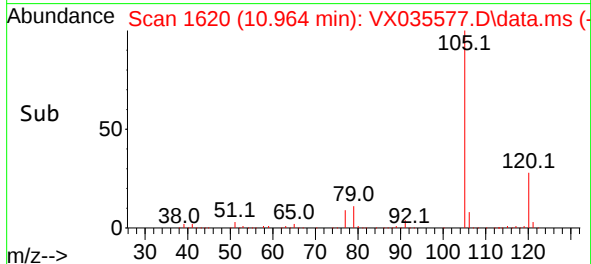
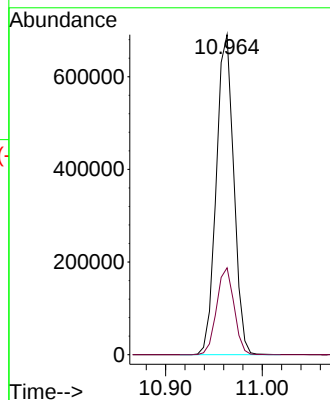
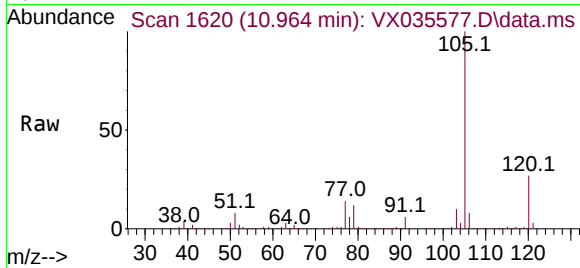




#73
Isopropylbenzene
Concen: 56.658 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

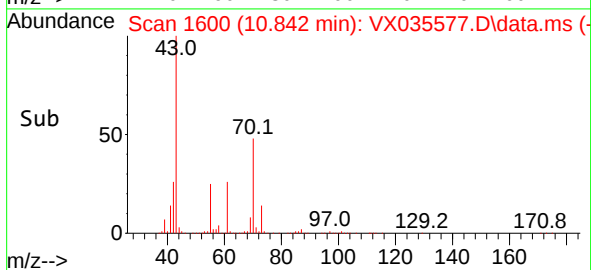
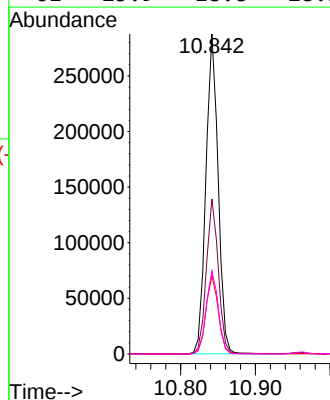
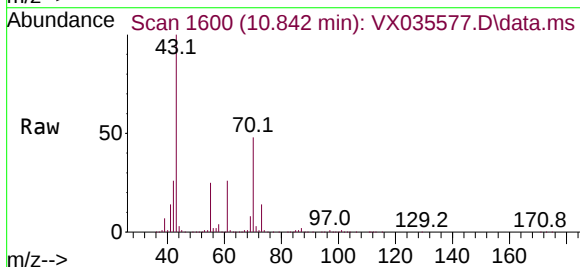
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

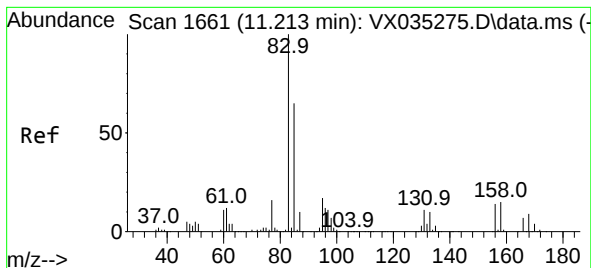
Tgt Ion:105 Resp: 866513
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 56.728 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 43 Resp: 326042
Ion Ratio Lower Upper
43 100
70 47.6 32.1 48.1
55 24.6 18.3 27.5
61 25.9 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 58.070 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

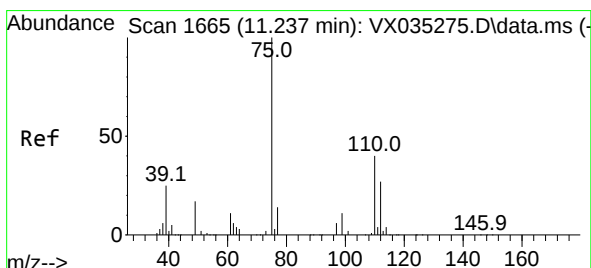
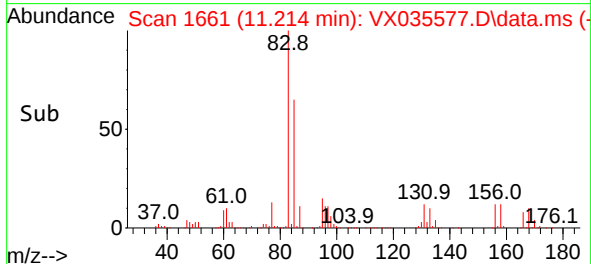
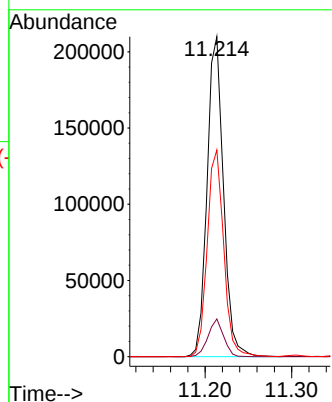
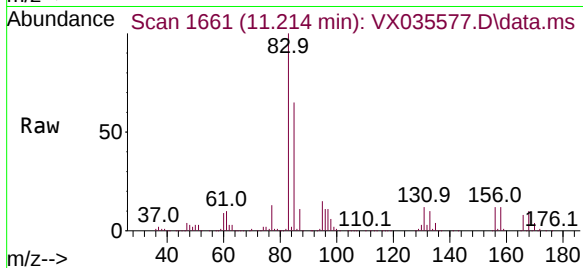
Tgt Ion: 83 Resp: 275653

Ion Ratio Lower Upper

83 100

131 11.3 4.8 14.3

85 65.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 73.838 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.001 min

Lab File: VX035577.D

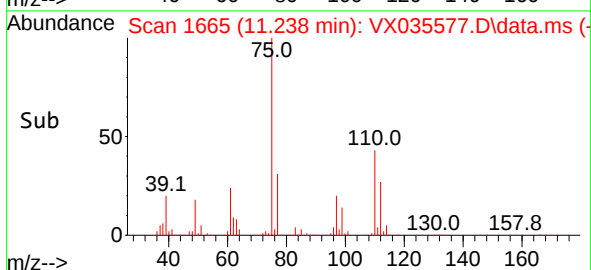
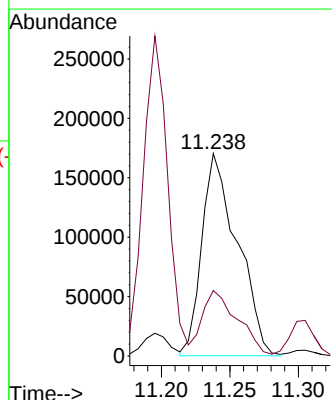
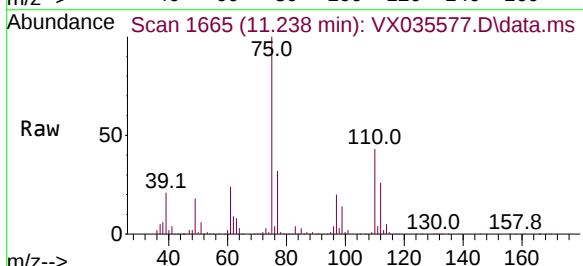
Acq: 10 May 2023 11:03

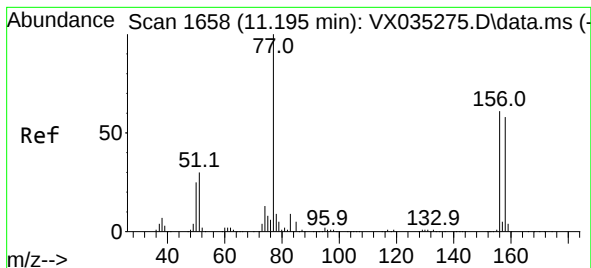
Tgt Ion: 75 Resp: 308161

Ion Ratio Lower Upper

75 100

77 32.2 21.6 64.8





#77

Bromobenzene

Concen: 60.470 ug/l

RT: 11.195 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

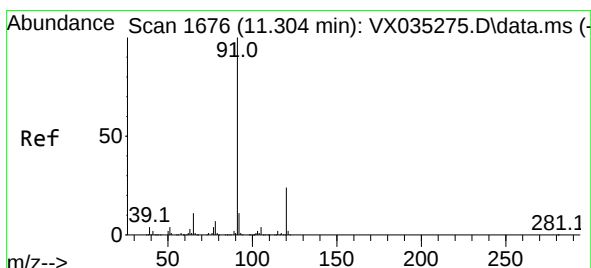
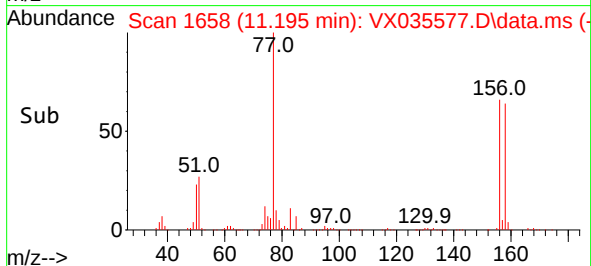
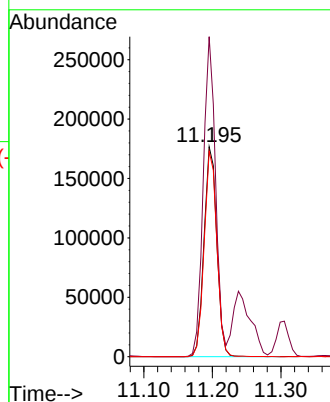
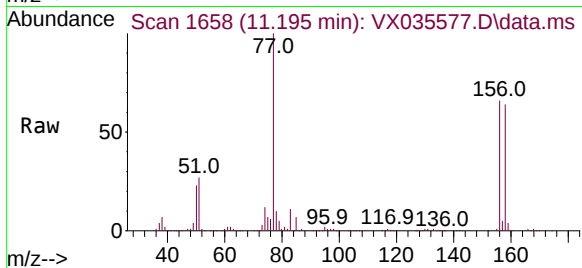
Tgt Ion:156 Resp: 229887

Ion Ratio Lower Upper

156 100

77 146.5 86.7 259.9

158 97.0 48.0 144.0



#78

n-propylbenzene

Concen: 54.890 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX035577.D

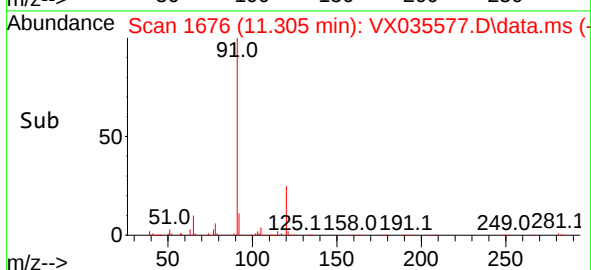
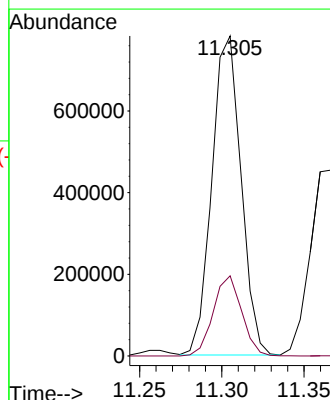
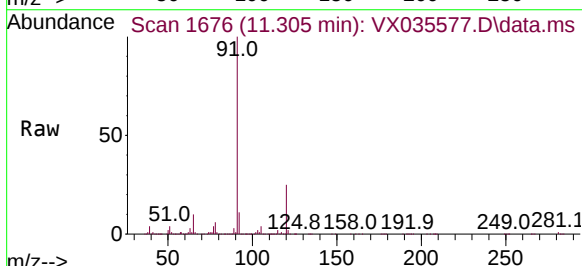
Acq: 10 May 2023 11:03

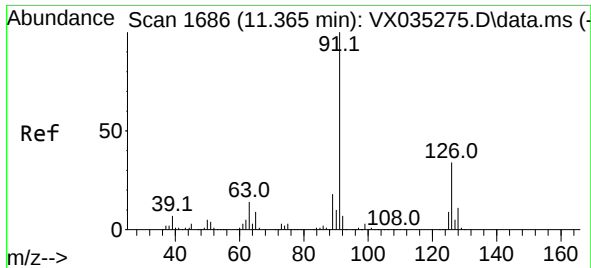
Tgt Ion: 91 Resp: 964127

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.5

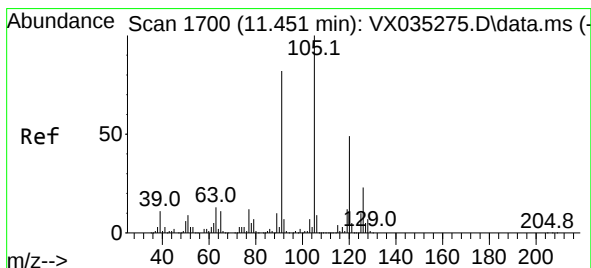
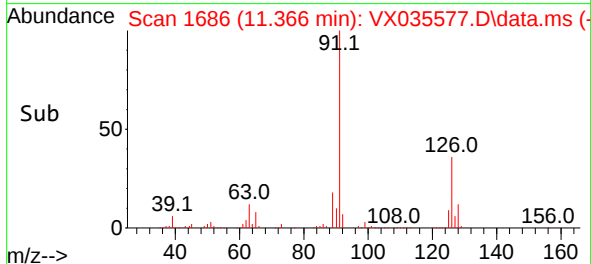
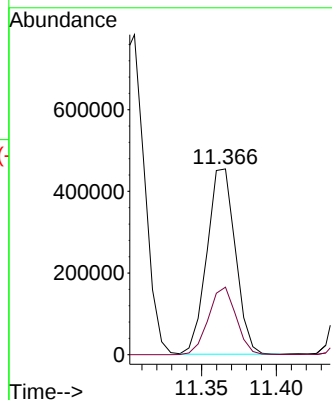
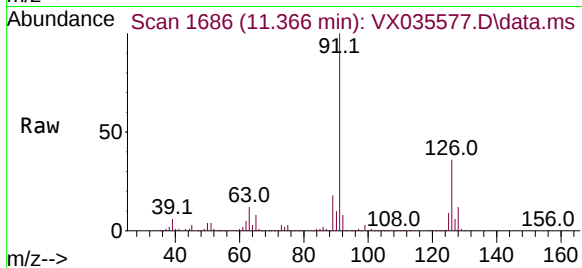




#79
2-Chlorotoluene
Concen: 54.762 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

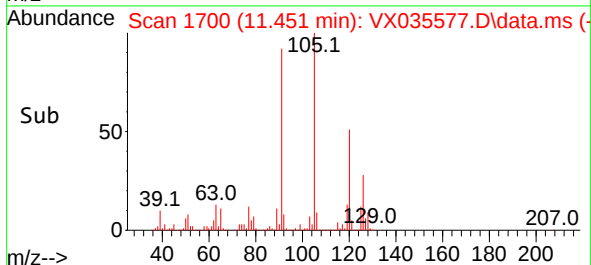
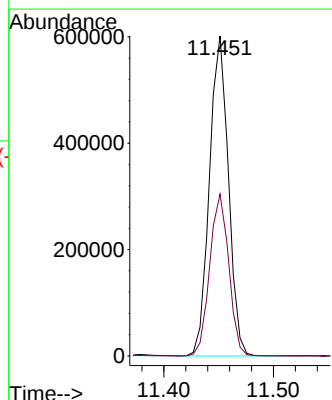
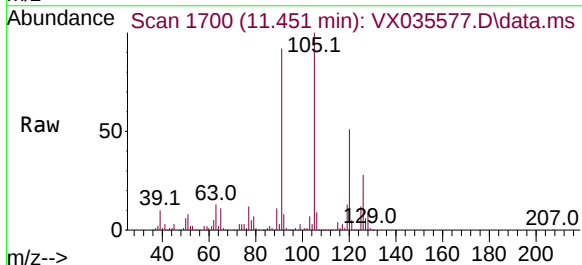
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

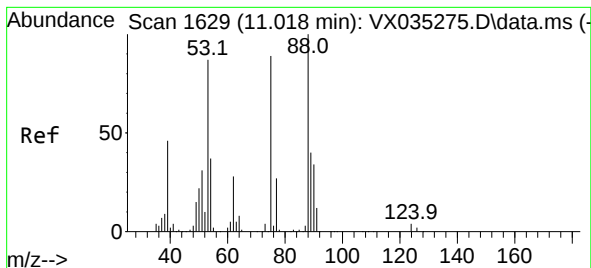
Tgt Ion: 91 Resp: 601057
Ion Ratio Lower Upper
91 100
126 35.3 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 56.062 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 105 Resp: 722946
Ion Ratio Lower Upper
105 100
120 50.8 23.7 71.1

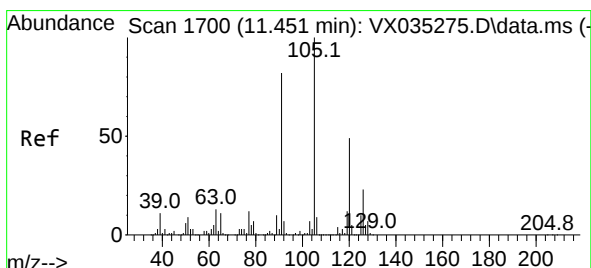
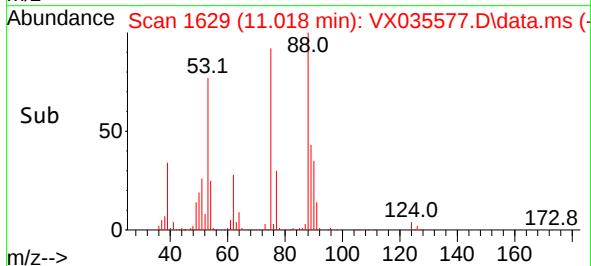
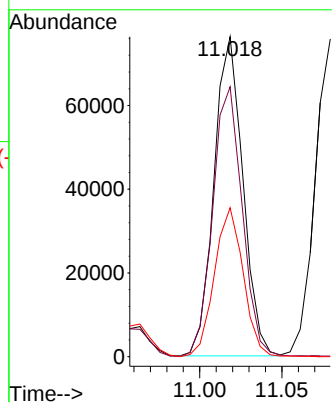
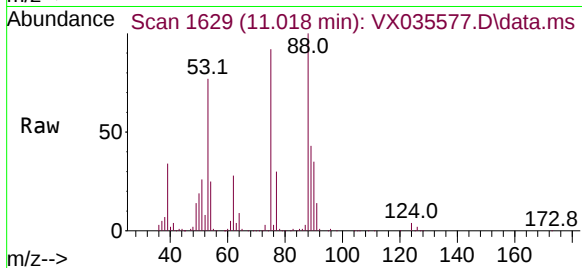




#81
trans-1,4-Dichloro-2-butene
Concen: 72.174 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

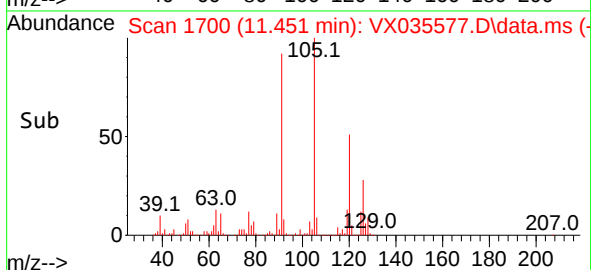
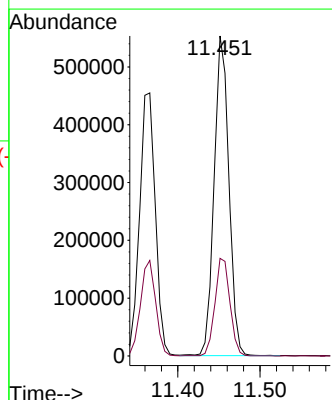
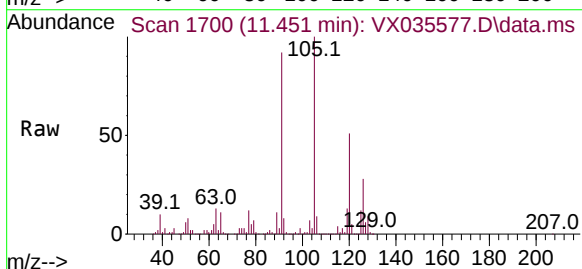
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

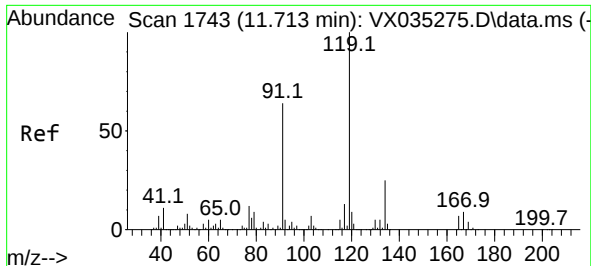
Tgt Ion: 75 Resp: 93002
Ion Ratio Lower Upper
75 100
53 87.1 82.6 124.0
89 46.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 55.980 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion: 91 Resp: 690100
Ion Ratio Lower Upper
91 100
126 31.1 14.2 42.6

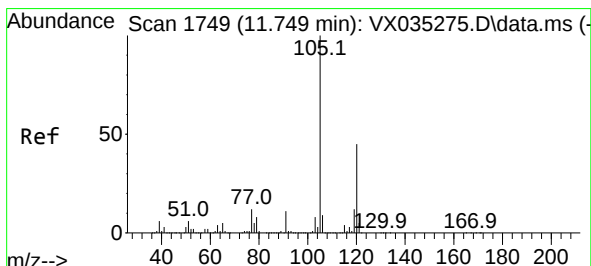
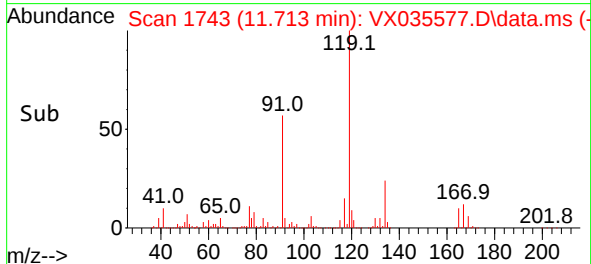
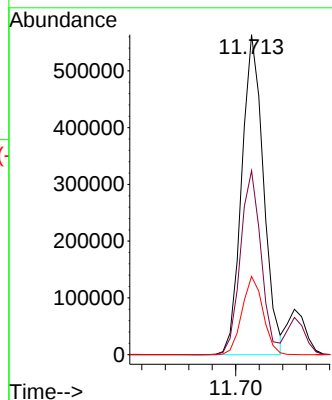
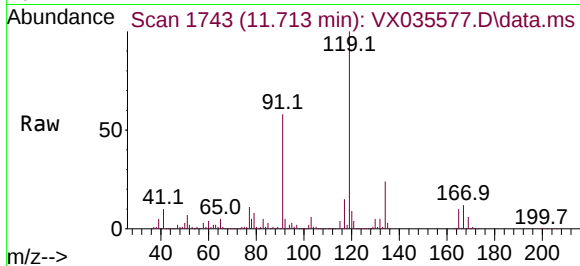




#83
tert-Butylbenzene
Concen: 56.096 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

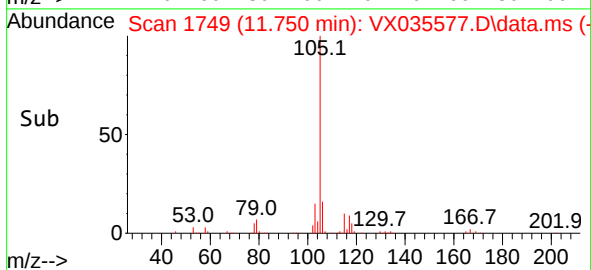
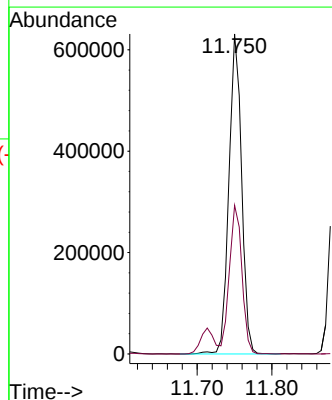
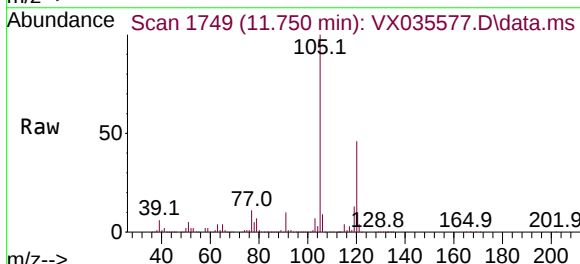
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

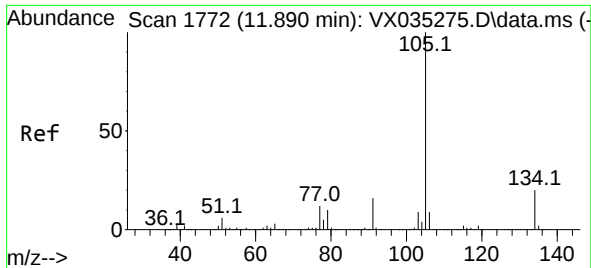
Tgt Ion:119 Resp: 725829
Ion Ratio Lower Upper
119 100
91 55.0 30.6 92.0
134 23.6 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 57.383 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX035577.D
Acq: 10 May 2023 11:03

Tgt Ion:105 Resp: 743516
Ion Ratio Lower Upper
105 100
120 45.8 22.4 67.0

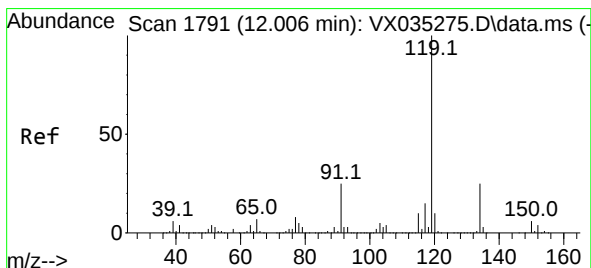
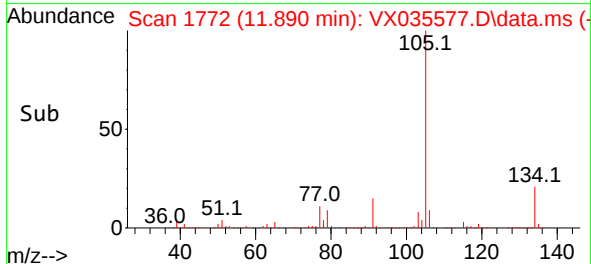
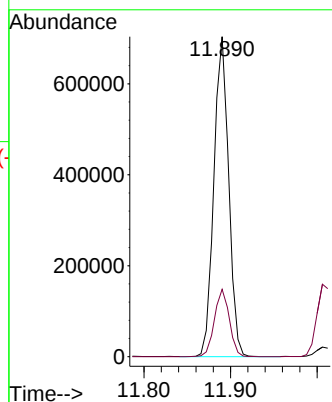
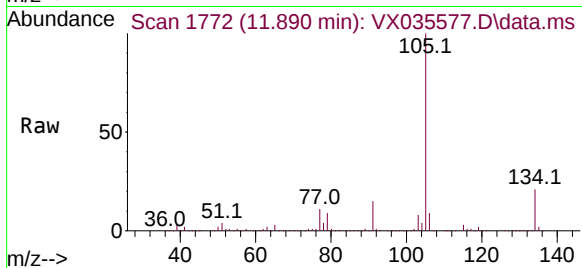




#85
 sec-Butylbenzene
 Concen: 52.634 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035577.D
 Acq: 10 May 2023 11:03

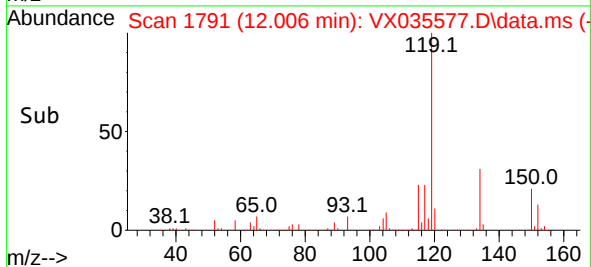
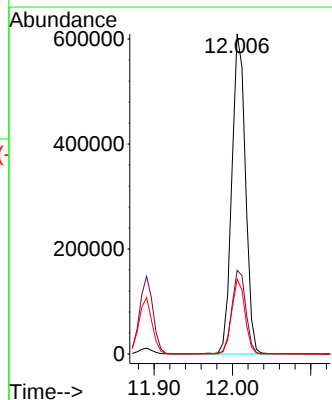
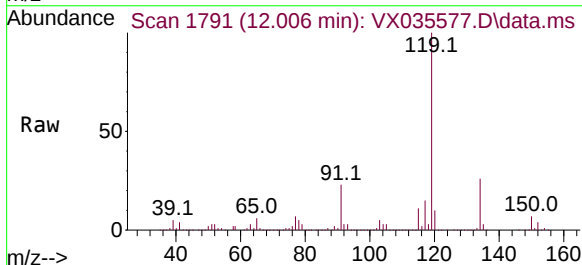
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

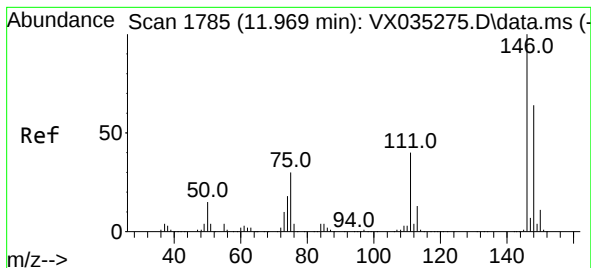
Tgt Ion:105 Resp: 835363
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 54.405 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035577.D
 Acq: 10 May 2023 11:03

Tgt Ion:119 Resp: 734387
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 22.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 58.936 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

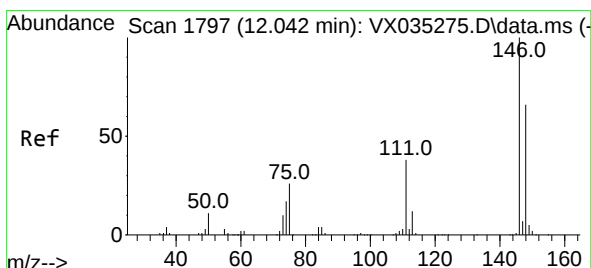
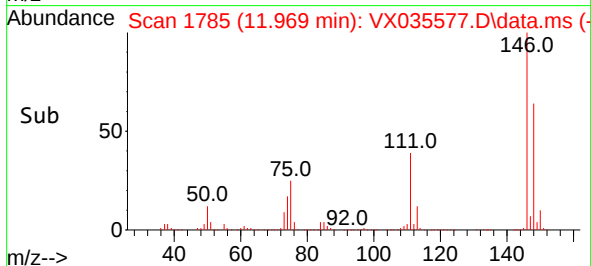
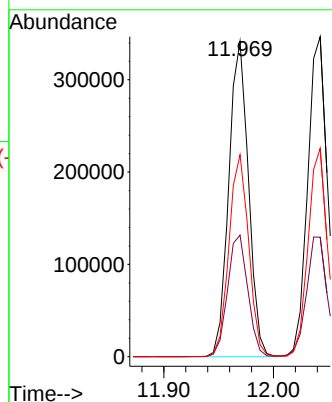
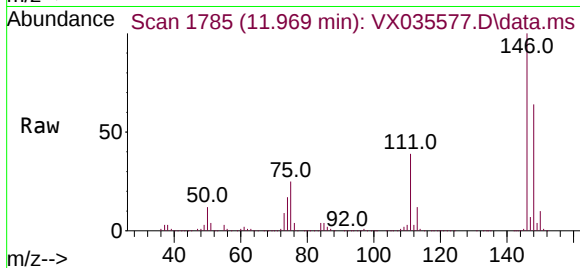
Tgt Ion:146 Resp: 425796

Ion Ratio Lower Upper

146 100

111 39.7 20.9 62.8

148 64.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 57.195 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

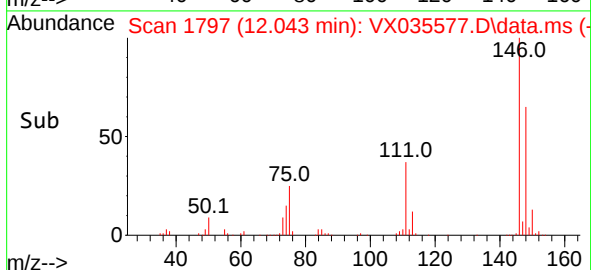
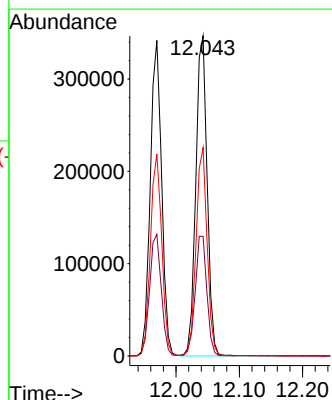
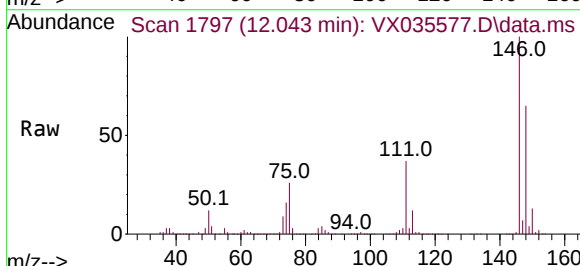
Tgt Ion:146 Resp: 433252

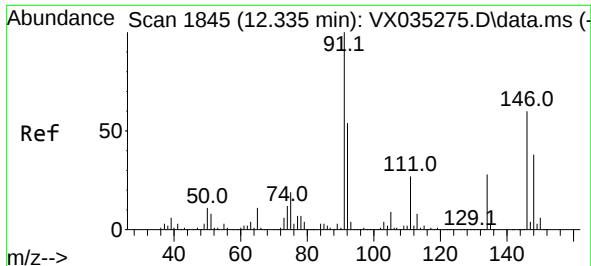
Ion Ratio Lower Upper

146 100

111 38.5 20.6 61.9

148 63.3 31.8 95.4





#89

n-Butylbenzene

Concen: 52.677 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

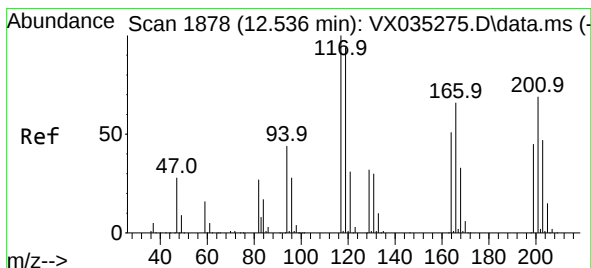
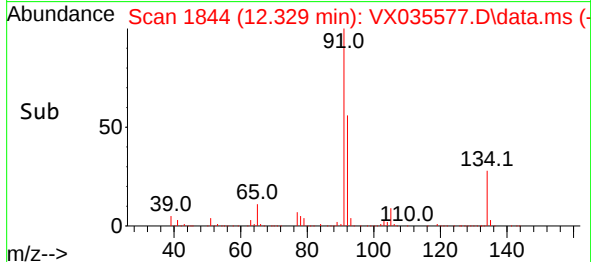
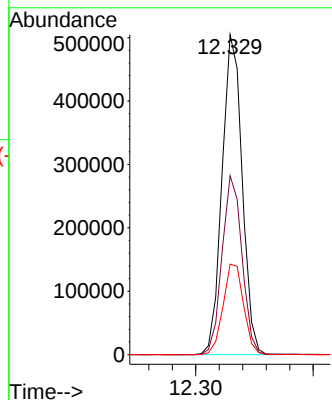
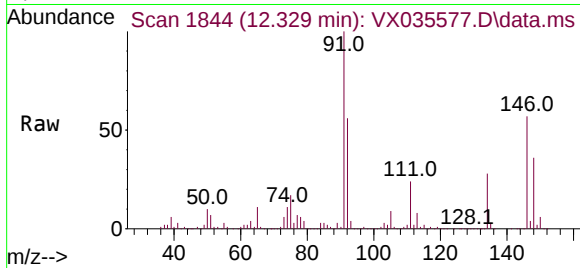
Tgt Ion: 91 Resp: 600255

Ion Ratio Lower Upper

91 100

92 55.6 27.7 83.0

134 29.0 13.0 38.9



#90

Hexachloroethane

Concen: 62.448 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035577.D

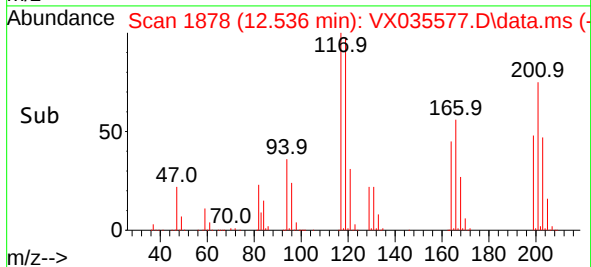
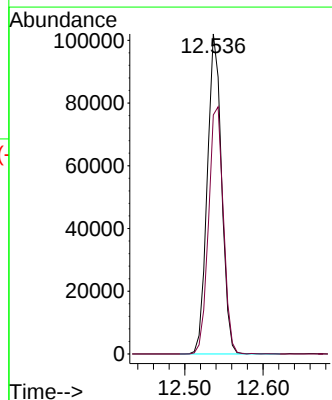
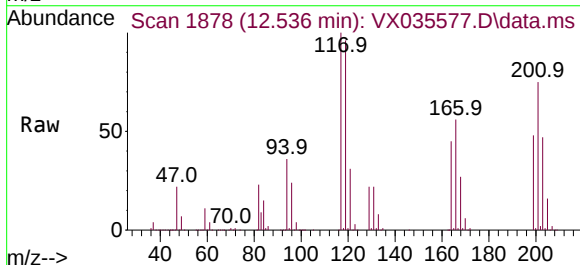
Acq: 10 May 2023 11:03

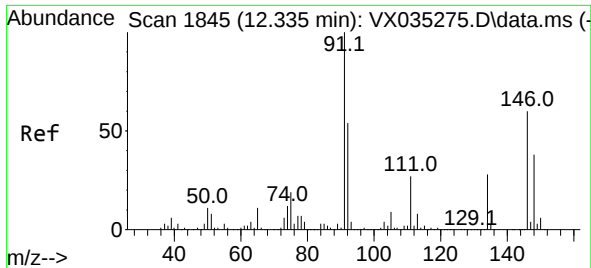
Tgt Ion: 117 Resp: 129038

Ion Ratio Lower Upper

117 100

201 80.0 34.4 103.1

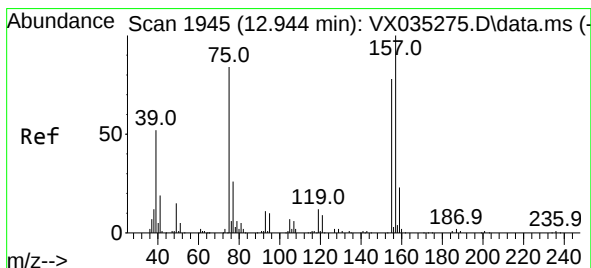
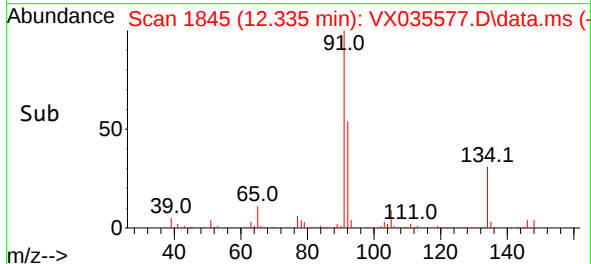
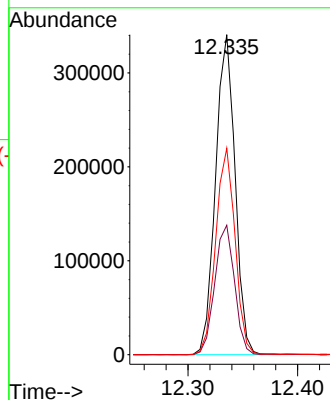
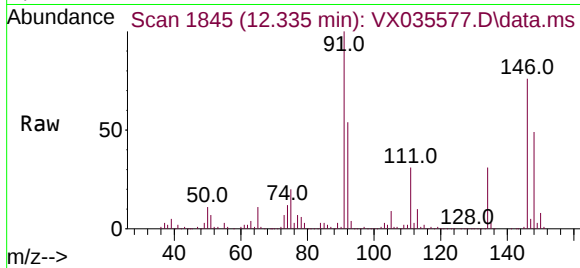




#91
 1,2-Dichlorobenzene
 Concen: 58.458 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX035577.D
 Acq: 10 May 2023 11:03

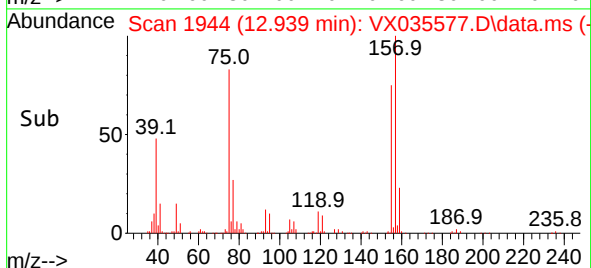
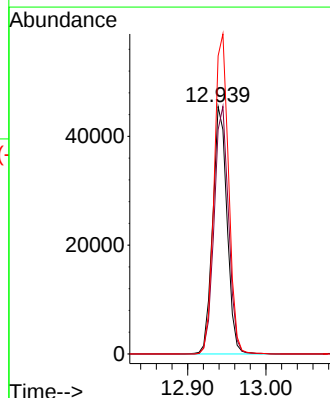
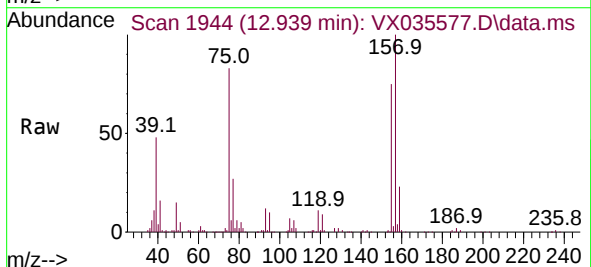
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

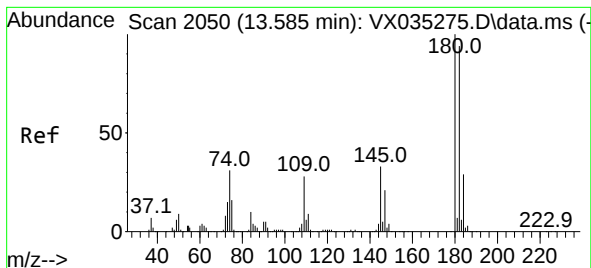
Tgt Ion:146 Resp: 422414
 Ion Ratio Lower Upper
 146 100
 111 41.0 22.0 66.0
 148 64.2 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.560 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.005 min
 Lab File: VX035577.D
 Acq: 10 May 2023 11:03

Tgt Ion: 75 Resp: 57644
 Ion Ratio Lower Upper
 75 100
 155 100.8 38.4 115.1
 157 129.8 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 59.424 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

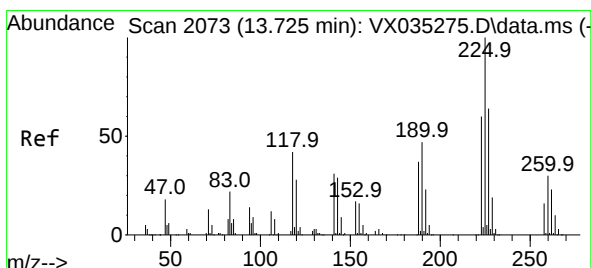
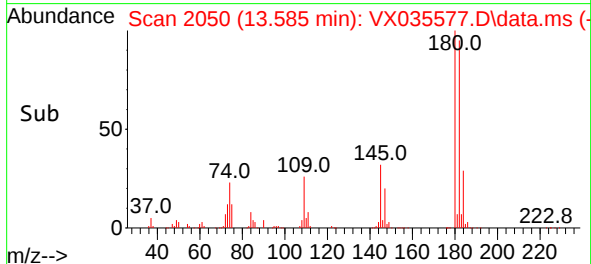
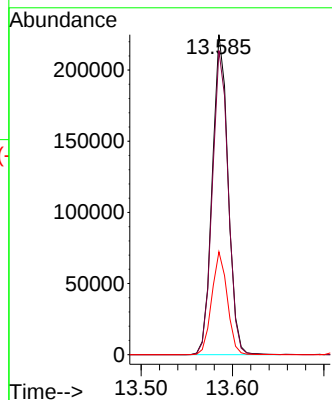
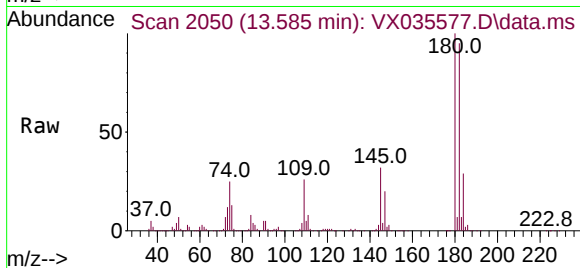
Tgt Ion:180 Resp: 269906

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.0

145 31.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 56.744 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

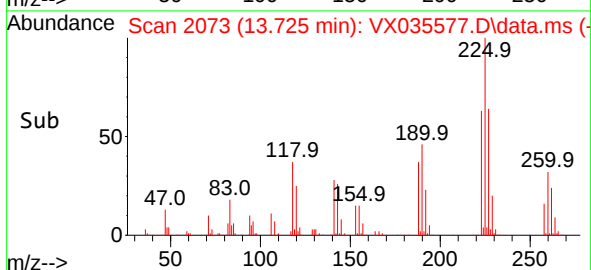
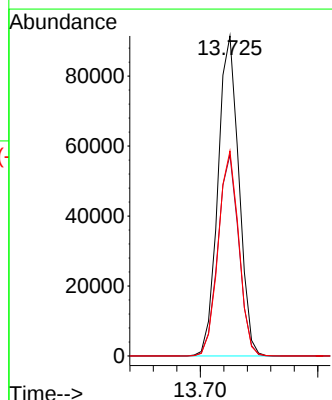
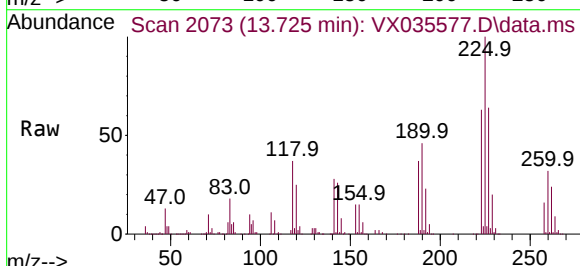
Tgt Ion:225 Resp: 113113

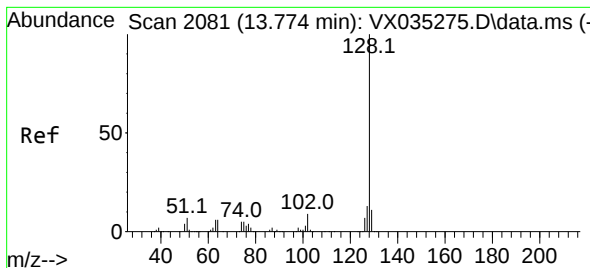
Ion Ratio Lower Upper

225 100

223 62.3 32.1 96.5

227 62.8 31.8 95.4





#95

Naphthalene

Concen: 62.127 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

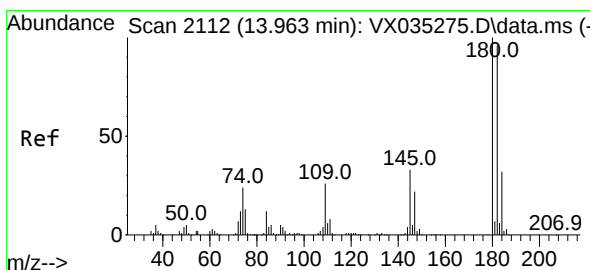
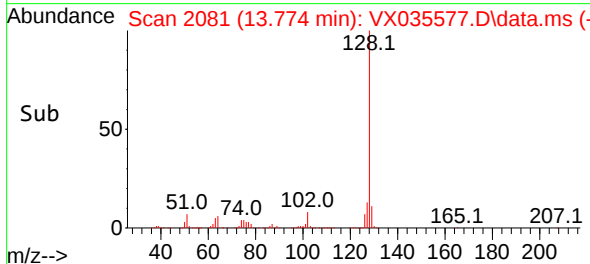
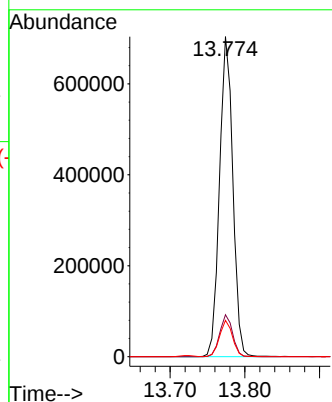
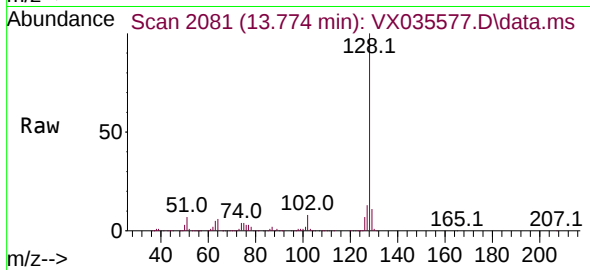
Tgt Ion:128 Resp: 868706

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 57.173 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX035577.D

Acq: 10 May 2023 11:03

Tgt Ion:180 Resp: 261409

Ion Ratio Lower Upper

180 100

182 96.7 48.0 144.2

145 33.4 17.7 53.1

