

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051623\
 Data File : VX035702.D
 Acq On : 16 May 2023 19:32
 Operator : JC/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 17 05:35:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	204567	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	367356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	330457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181941	50.982	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.960%
35) Dibromofluoromethane	5.385	113	124234	50.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.300%
50) Toluene-d8	8.647	98	447275	48.870	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	182496	49.523	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.040%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	116033	43.523	ug/l	99
3) Chloromethane	1.295	50	142546	44.059	ug/l	99
4) Vinyl Chloride	1.374	62	125195	45.596	ug/l	98
5) Bromomethane	1.612	94	68579	46.117	ug/l	93
6) Chloroethane	1.691	64	75630	45.404	ug/l	97
7) Trichlorofluoromethane	1.886	101	188373	46.659	ug/l	99
8) Diethyl Ether	2.130	74	75390	48.499	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	107668	44.918	ug/l	95
10) Methyl Iodide	2.453	142	102173	47.660	ug/l	# 89
11) Tert butyl alcohol	3.014	59	141847	225.289	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	101285	44.460	ug/l	86
13) Acrolein	2.240	56	162696	217.716	ug/l	100
14) Allyl chloride	2.666	41	215740	44.204	ug/l	93
15) Acrylonitrile	3.069	53	360786	260.224	ug/l	99
16) Acetone	2.398	43	340231	221.817	ug/l	92
17) Carbon Disulfide	2.514	76	216948	39.459	ug/l	99
18) Methyl Acetate	2.709	43	297631	52.615	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	427277	47.133	ug/l	98
20) Methylene Chloride	2.788	84	127091	45.719	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	113616	45.514	ug/l	93
22) Diisopropyl ether	3.764	45	449727	47.064	ug/l	89
23) Vinyl Acetate	3.721	43	1639083	242.421	ug/l	98
24) 1,1-Dichloroethane	3.611	63	239179	46.801	ug/l	98
25) 2-Butanone	4.562	43	524206	246.882	ug/l	100
26) 2,2-Dichloropropane	4.477	77	183818	42.474	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	139528	46.496	ug/l	94
28) Bromochloromethane	4.904	49	114705	49.900	ug/l	96
29) Tetrahydrofuran	5.013	42	334962	250.988	ug/l	99
30) Chloroform	5.099	83	248033	47.363	ug/l	100
31) Cyclohexane	5.471	56	197520	43.807	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	212676	46.675	ug/l	98
36) 1,1-Dichloropropene	5.696	75	173132	44.273	ug/l	97
37) Ethyl Acetate	4.715	43	203531	49.900	ug/l	99
38) Carbon Tetrachloride	5.678	117	166968	45.073	ug/l	98
39) Methylcyclohexane	7.385	83	197336	42.869	ug/l	94
40) Benzene	6.038	78	498007	45.523	ug/l	99

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Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 17 05:35:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	120302	49.676	ug/l	97
42) 1,2-Dichloroethane	6.086	62	221959	47.166	ug/l	96
43) Isopropyl Acetate	6.342	43	348377	48.981	ug/l	99
44) Trichloroethene	7.123	130	122668	44.222	ug/l	91
45) 1,2-Dichloropropane	7.428	63	134661	46.477	ug/l	98
46) Dibromomethane	7.580	93	93899	47.346	ug/l	95
47) Bromodichloromethane	7.824	83	180635	47.122	ug/l	99
48) Methyl methacrylate	7.696	41	173064	49.304	ug/l	96
49) 1,4-Dioxane	7.714	88	59469	823.583	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1062631	259.331	ug/l	98
52) Toluene	8.720	92	314645	45.564	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	197931	47.525	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	212322	47.583	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	129069	47.587	ug/l	98
56) Ethyl methacrylate	9.116	69	212636	48.411	ug/l	96
57) 1,3-Dichloropropane	9.305	76	231497	47.082	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	540378	241.840	ug/l	99
59) 2-Hexanone	9.433	43	796966	258.263	ug/l	97
60) Dibromochloromethane	9.525	129	123980	47.954	ug/l	100
61) 1,2-Dibromoethane	9.610	107	136023	47.600	ug/l	99
64) Tetrachloroethene	9.275	164	96787	43.504	ug/l	95
65) Chlorobenzene	10.080	112	323695	44.873	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	117857	46.207	ug/l	99
67) Ethyl Benzene	10.195	91	620168	45.713	ug/l	97
68) m/p-Xylenes	10.299	106	454659	90.665	ug/l	95
69) o-Xylene	10.640	106	228822	45.984	ug/l	95
70) Styrene	10.653	104	380278	47.417	ug/l	98
71) Bromoform	10.799	173	78634	46.855	ug/l	100
73) Isopropylbenzene	10.964	105	599770	46.505	ug/l	98
74) N-amyl acetate	10.842	43	285816	47.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	201796	48.234	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	229551	61.317	ug/l	83
77) Bromobenzene	11.201	156	132086	45.123	ug/l	90
78) n-propylbenzene	11.305	91	706454	46.599	ug/l	98
79) 2-Chlorotoluene	11.366	91	438718	46.221	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	507845	46.330	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	54358	46.796	ug/l #	84
82) 4-Chlorotoluene	11.451	91	507222	46.401	ug/l	97
83) tert-Butylbenzene	11.713	119	490995	46.081	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	508462	46.198	ug/l	97
85) sec-Butylbenzene	11.890	105	618079	46.201	ug/l	98
86) p-Isopropyltoluene	12.012	119	513807	46.717	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	253501	45.587	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	255790	45.553	ug/l	98
89) n-Butylbenzene	12.335	91	459651	45.942	ug/l	98
90) Hexachloroethane	12.536	117	77732	46.630	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	249609	45.838	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46882	50.323	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	151231	46.124	ug/l	96
94) Hexachlorobutadiene	13.725	225	56674	43.548	ug/l	100
95) Naphthalene	13.774	128	548456	48.845	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	150496	46.670	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: May 17 05:35:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

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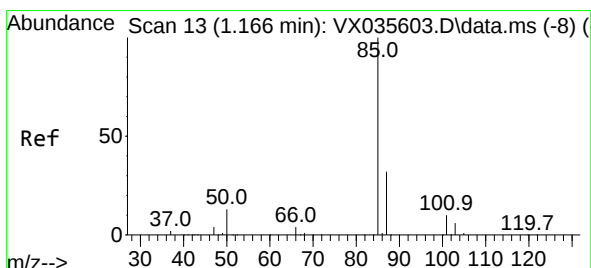
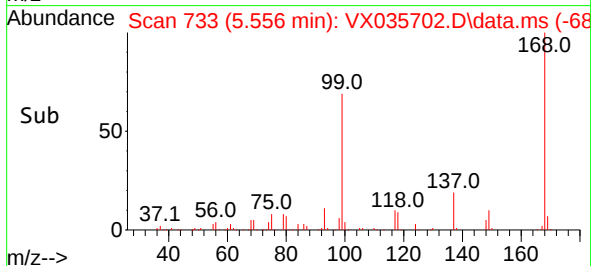
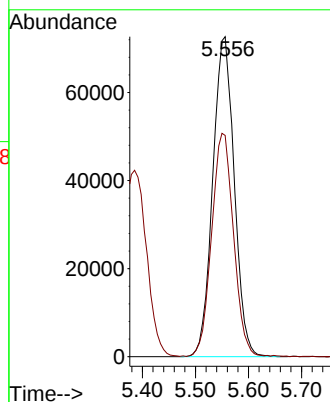
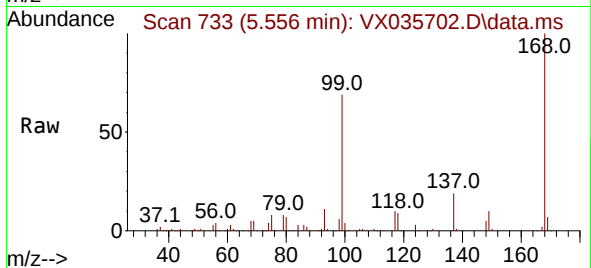
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

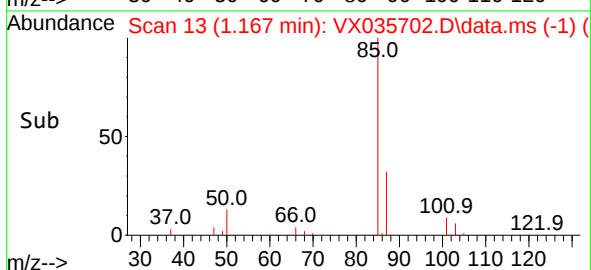
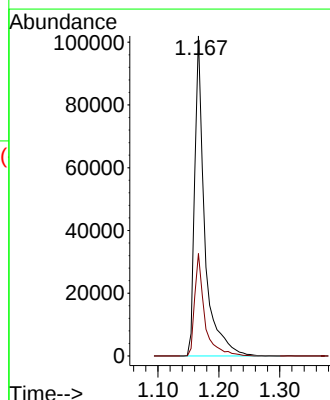
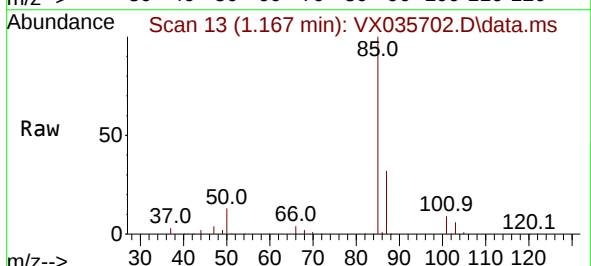
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

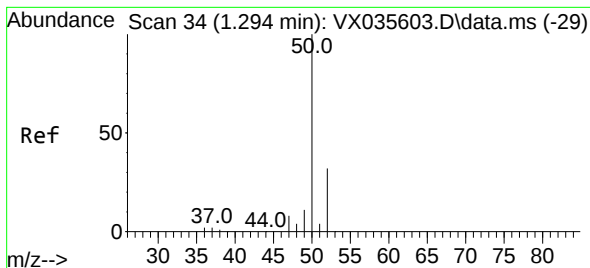
Tgt Ion:168 Resp: 204567
Ion Ratio Lower Upper
168 100
99 69.0 45.7 68.5#



#2
Dichlorodifluoromethane
Concen: 43.523 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 85 Resp: 116033
Ion Ratio Lower Upper
85 100
87 32.0 16.4 49.1





#3

Chloromethane

Concen: 44.059 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.001 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

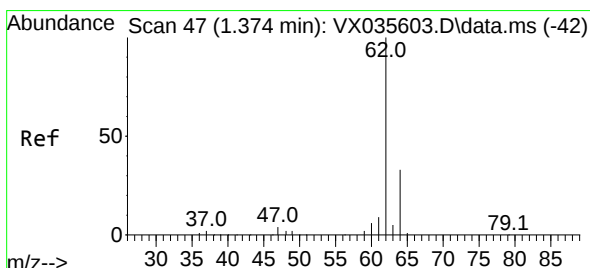
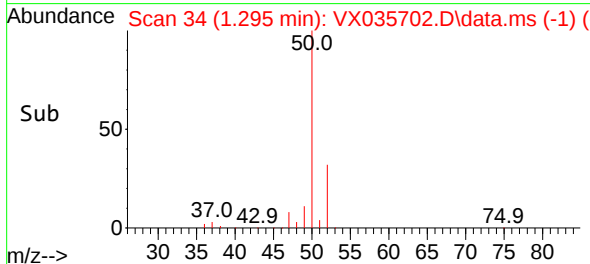
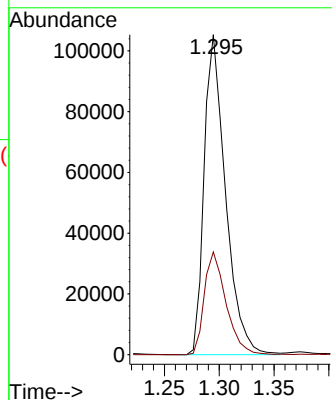
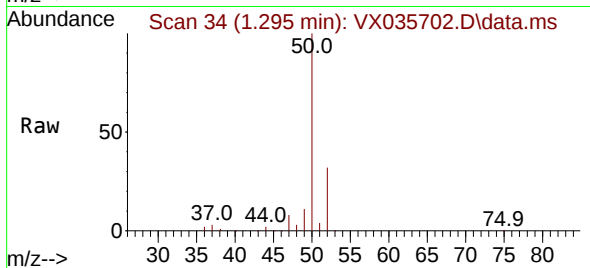
VSTDCCC050EC

Tgt Ion: 50 Resp: 142546

Ion Ratio Lower Upper

50 100

52 32.1 25.9 38.9



#4

Vinyl Chloride

Concen: 45.596 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX035702.D

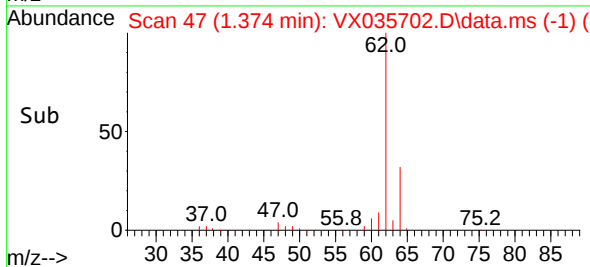
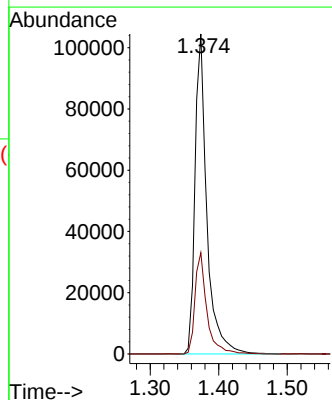
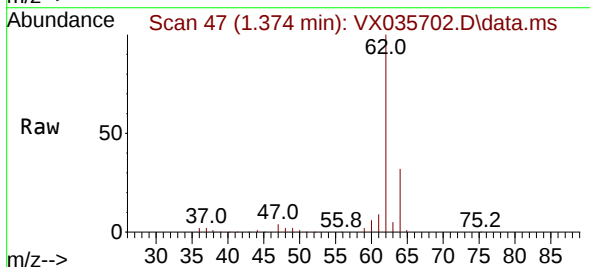
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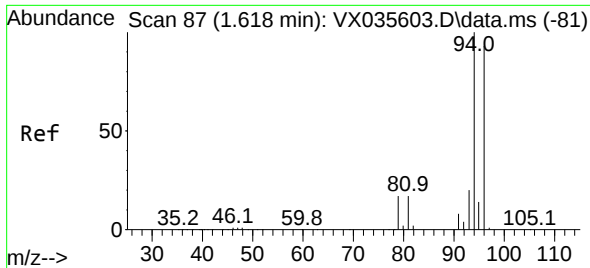
Tgt Ion: 62 Resp: 125195

Ion Ratio Lower Upper

62 100

64 31.6 26.4 39.6

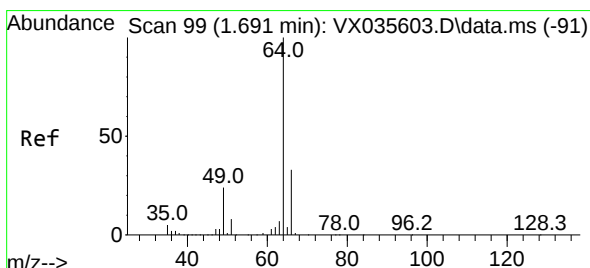
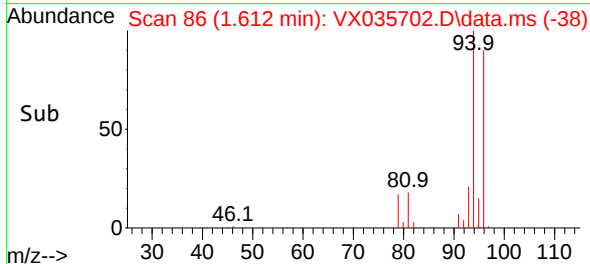
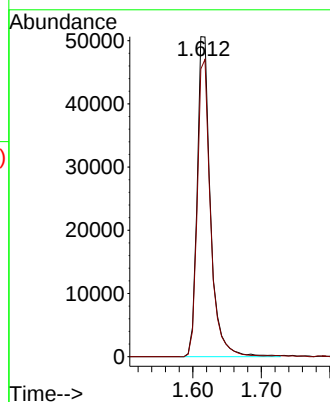
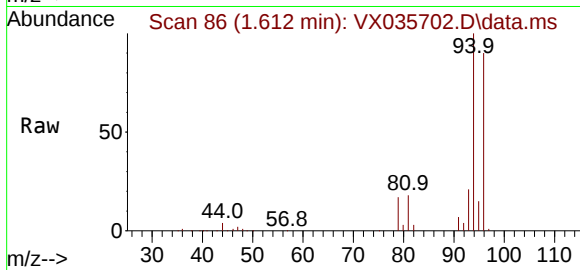




#5
Bromomethane
Concen: 46.117 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

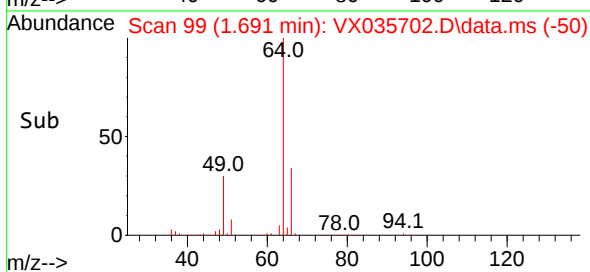
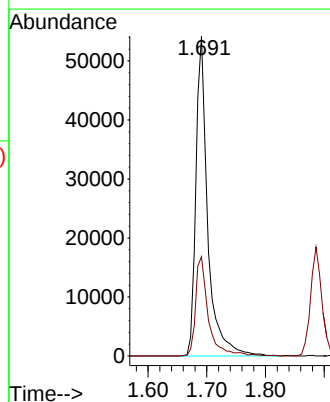
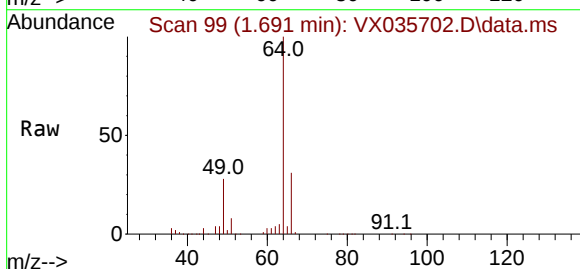
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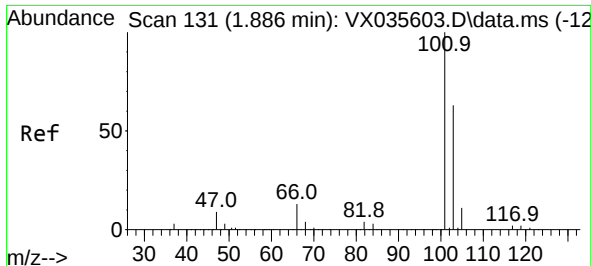
Tgt Ion: 94 Resp: 68579
Ion Ratio Lower Upper
94 100
96 89.9 77.0 115.6



#6
Chloroethane
Concen: 45.404 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 64 Resp: 75630
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.4

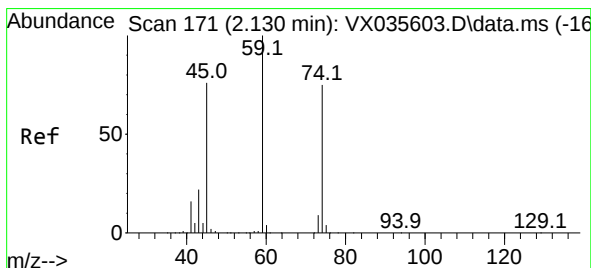
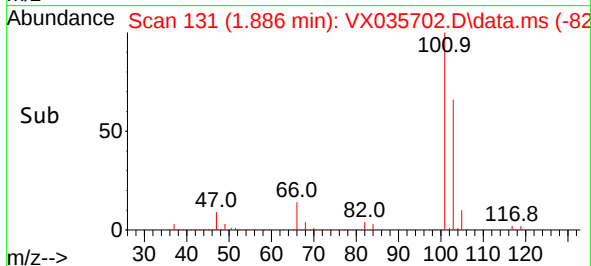
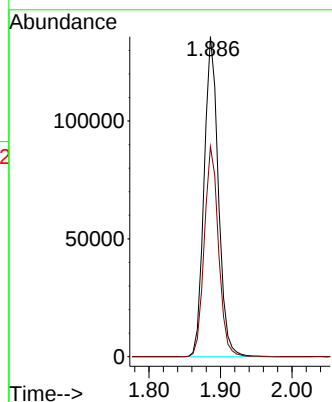
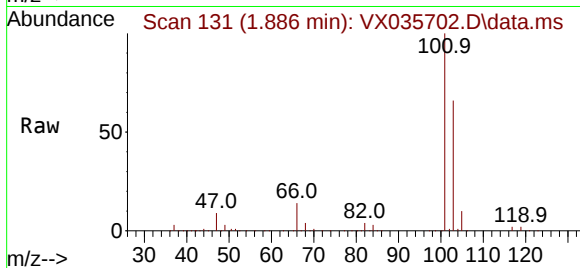




#7
Trichlorofluoromethane
Concen: 46.659 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

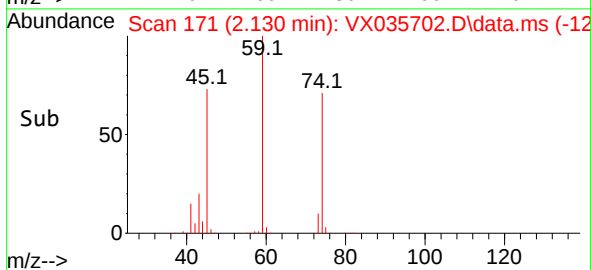
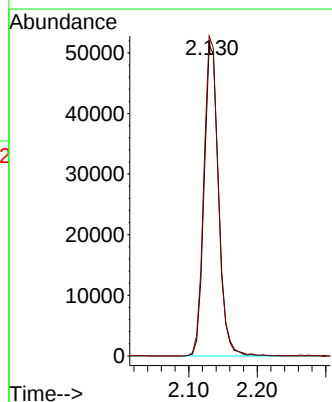
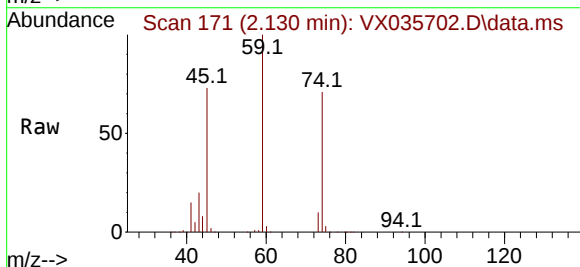
Instrument :
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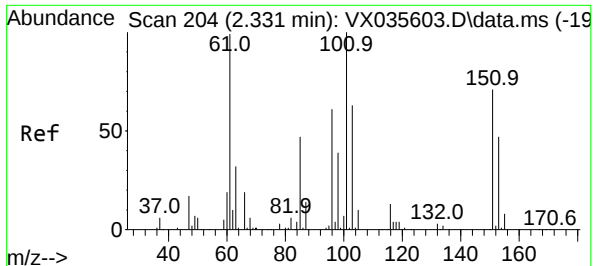
Tgt Ion:101 Resp: 188373
Ion Ratio Lower Upper
101 100
103 65.7 52.0 78.0



#8
Diethyl Ether
Concen: 48.499 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 74 Resp: 75390
Ion Ratio Lower Upper
74 100
45 103.6 49.8 149.3

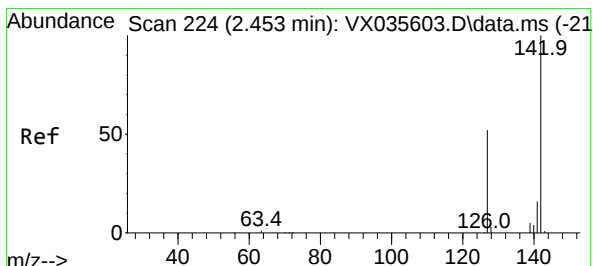
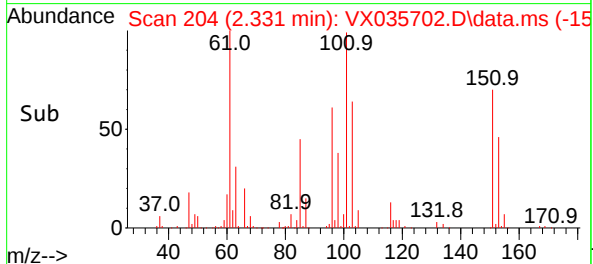
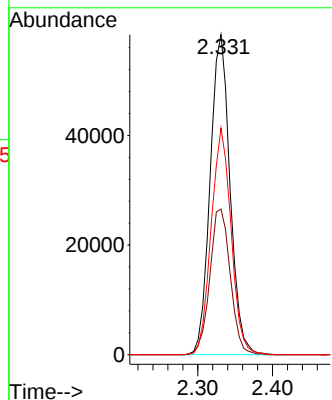
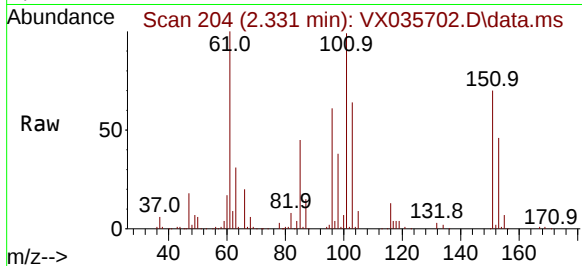




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.918 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

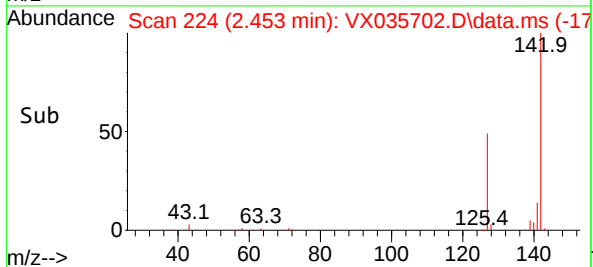
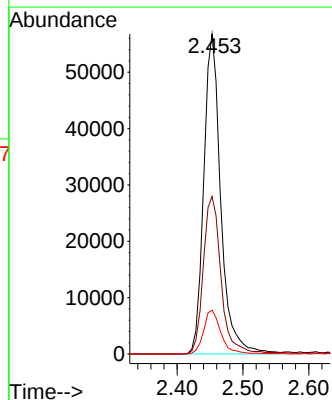
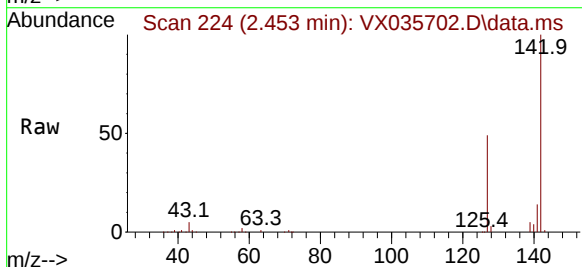
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

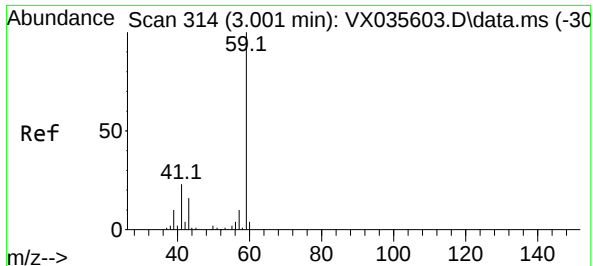
Tgt Ion:101 Resp: 107668
Ion Ratio Lower Upper
101 100
85 46.9 35.4 53.2
151 71.0 60.2 90.4



#10
Methyl Iodide
Concen: 47.660 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion:142 Resp: 102173
Ion Ratio Lower Upper
142 100
127 51.7 34.0 51.0#
141 14.0 11.1 16.7

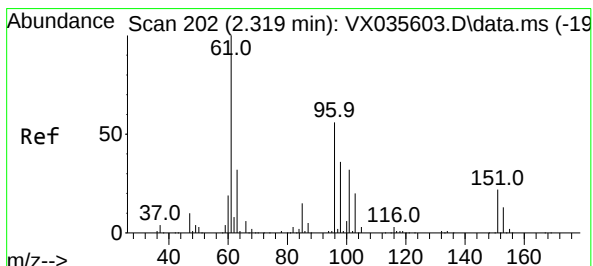
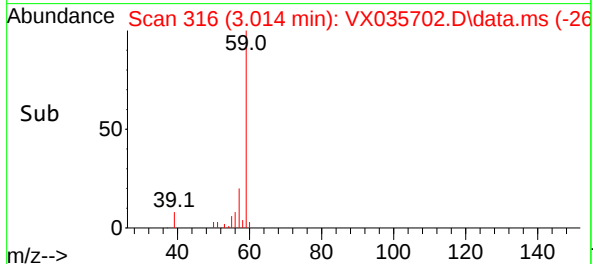
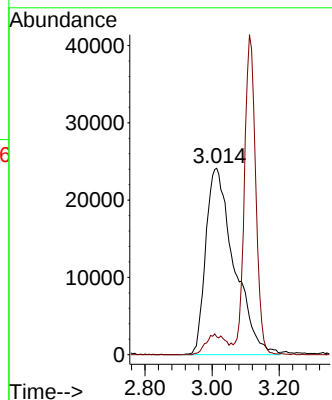
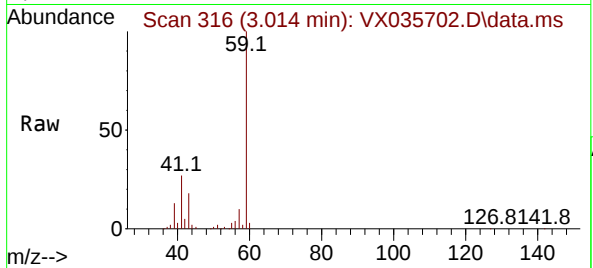




#11
Tert butyl alcohol
Concen: 225.289 ug/l
RT: 3.014 min Scan# 314
Delta R.T. 0.013 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

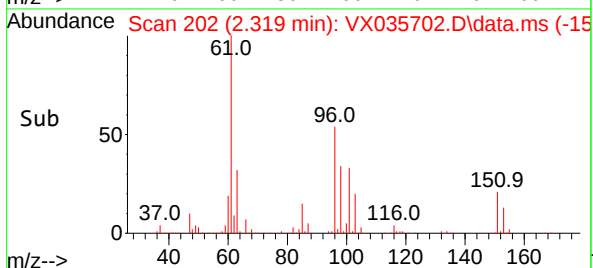
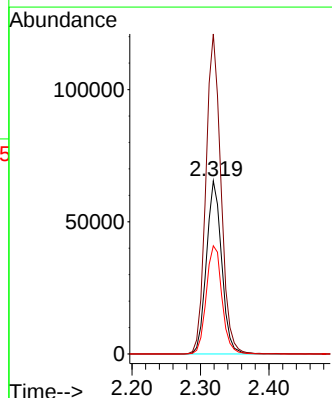
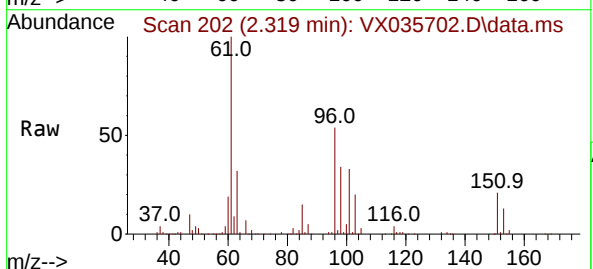
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 141847
Ion Ratio Lower Upper
59 100
57 7.3 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 44.460 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 96 Resp: 101285
Ion Ratio Lower Upper
96 100
61 184.9 128.8 193.2
98 62.5 51.4 77.0

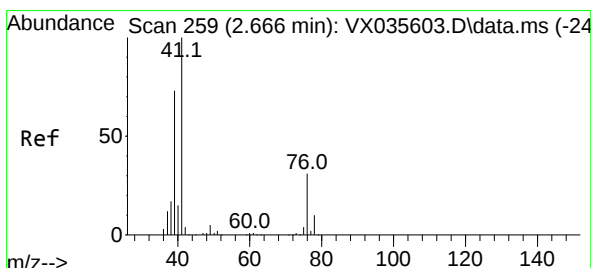
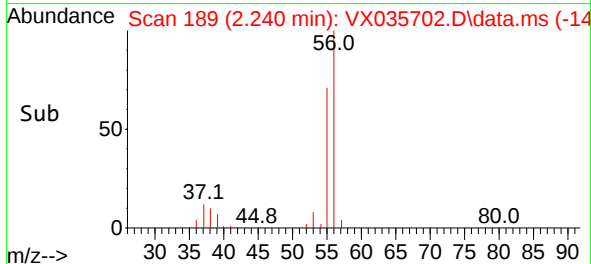
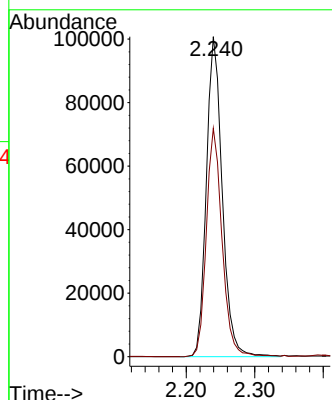
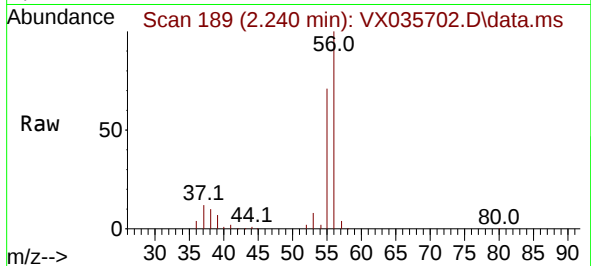




#13
Acrolein
Concen: 217.716 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

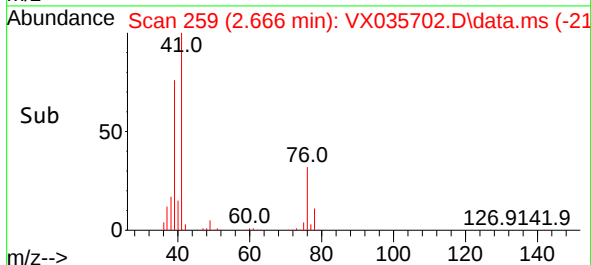
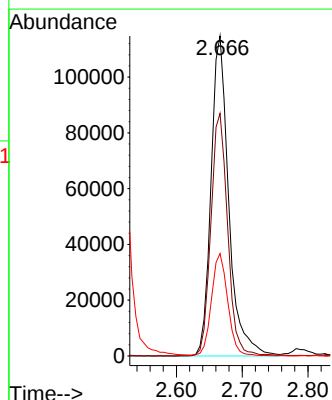
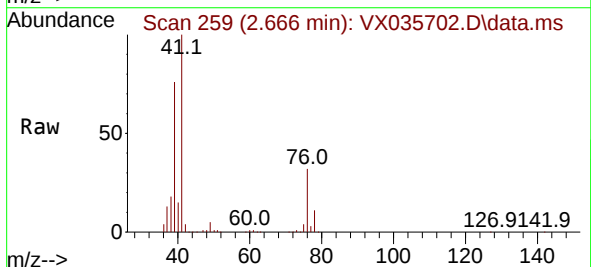
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

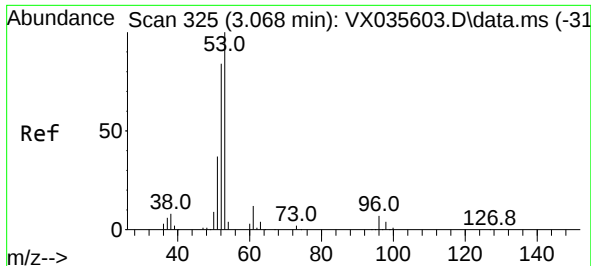
Tgt Ion: 56 Resp: 162696
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0



#14
Allyl chloride
Concen: 44.204 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 41 Resp: 215740
Ion Ratio Lower Upper
41 100
39 71.6 52.4 78.6
76 29.6 26.0 39.0

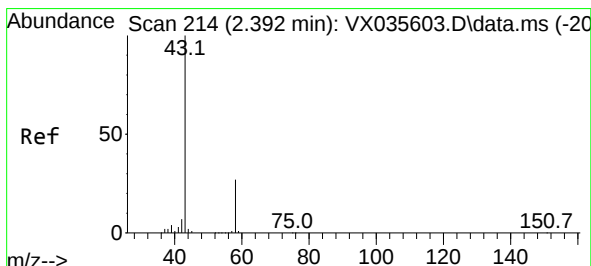
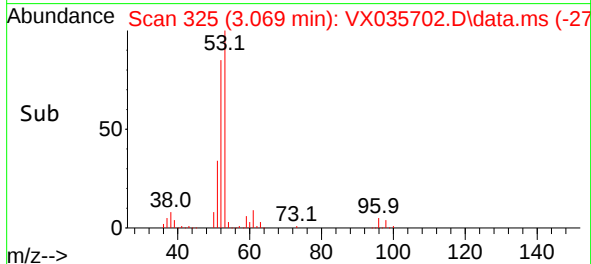
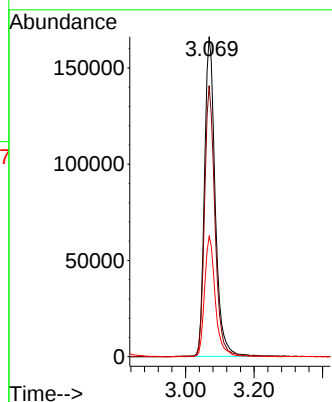
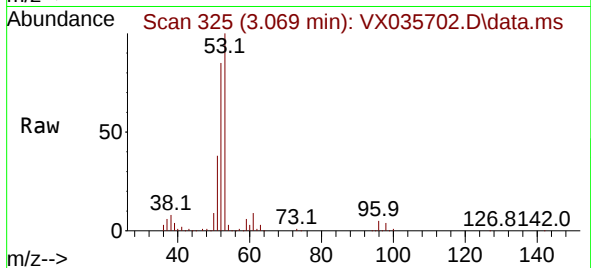




#15
Acrylonitrile
Concen: 260.224 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

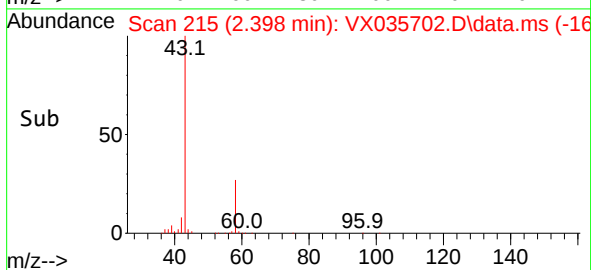
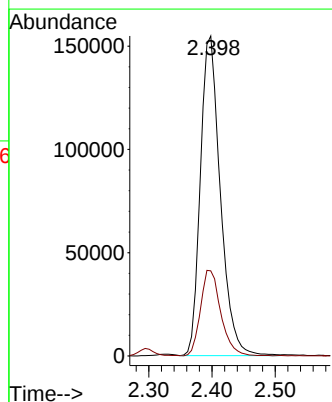
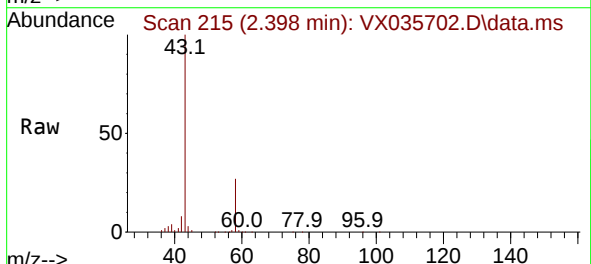
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

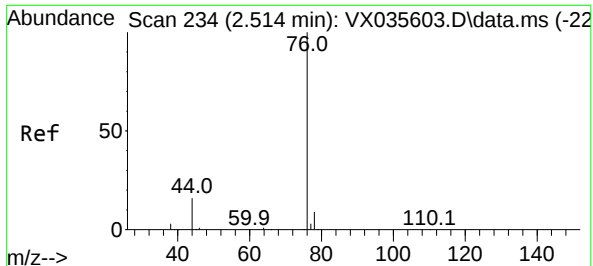
Tgt Ion: 53 Resp: 360786
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.2
51 37.6 28.3 42.5



#16
Acetone
Concen: 221.817 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 43 Resp: 340231
Ion Ratio Lower Upper
43 100
58 26.6 24.7 37.1

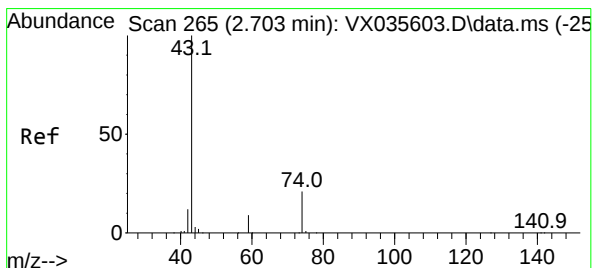
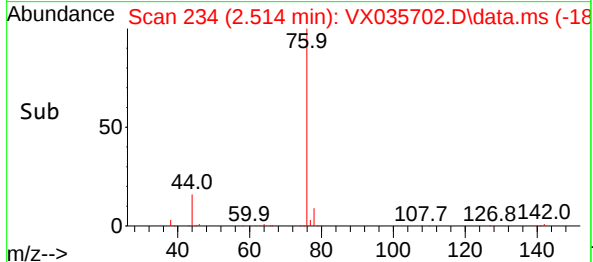
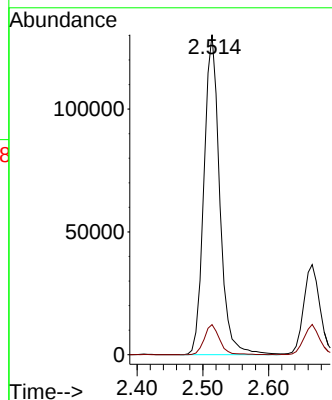
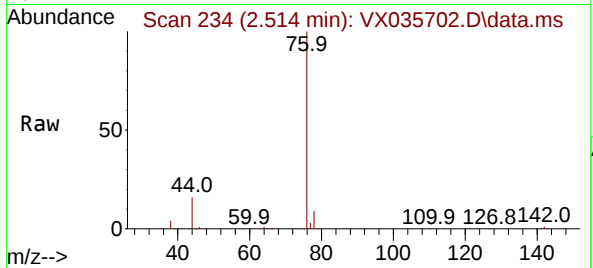




#17
Carbon Disulfide
Concen: 39.459 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

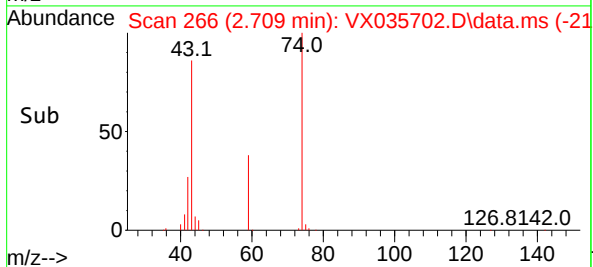
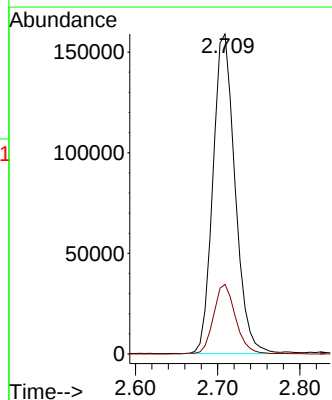
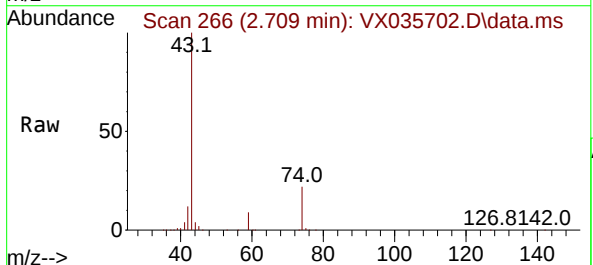
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 216948
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 52.615 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 43 Resp: 297631
Ion Ratio Lower Upper
43 100
74 21.9 18.3 27.5

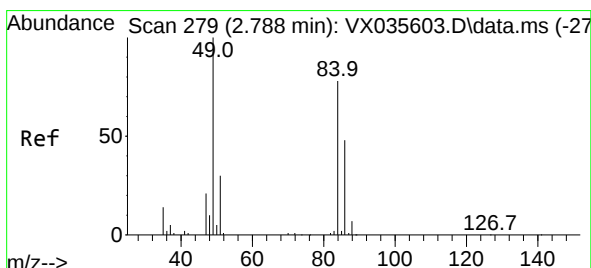
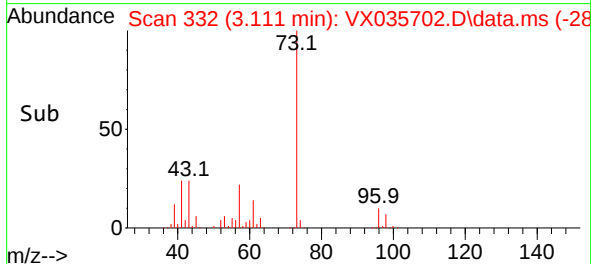
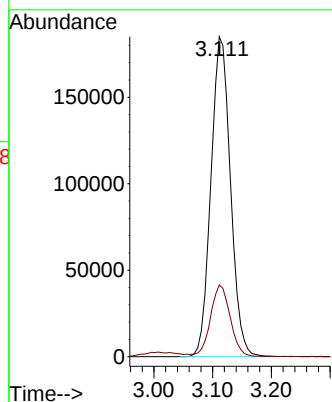
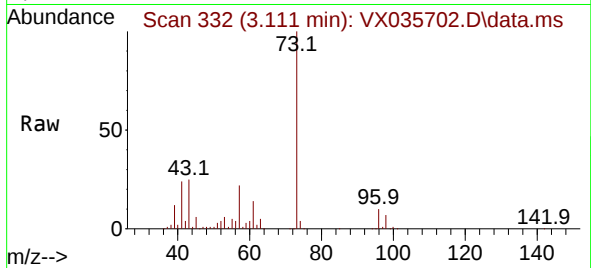




#19
Methyl tert-butyl Ether
Concen: 47.133 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

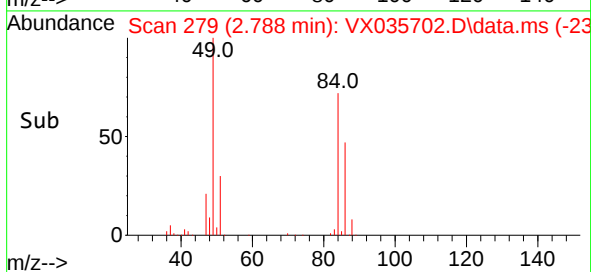
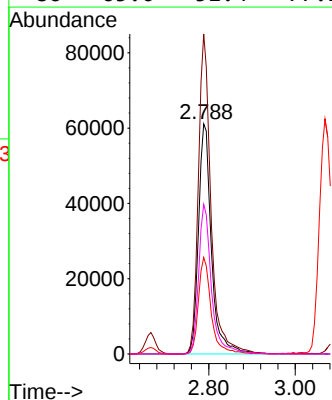
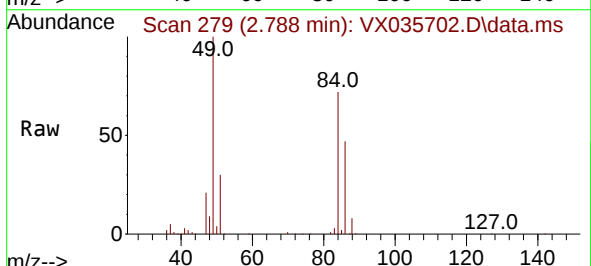
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

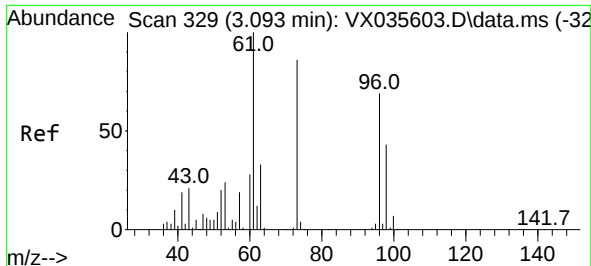
Tgt Ion: 73 Resp: 427277
Ion Ratio Lower Upper
73 100
57 22.3 18.5 27.7



#20
Methylene Chloride
Concen: 45.719 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 84 Resp: 127091
Ion Ratio Lower Upper
84 100
49 139.1 103.8 155.8
51 42.0 31.8 47.8
86 65.0 51.4 77.2

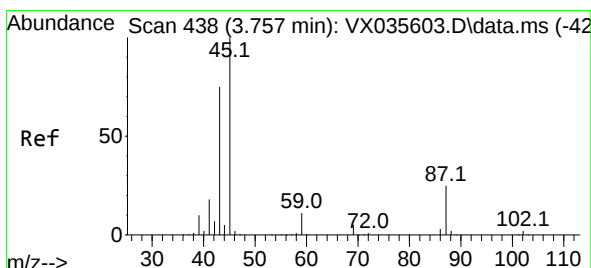
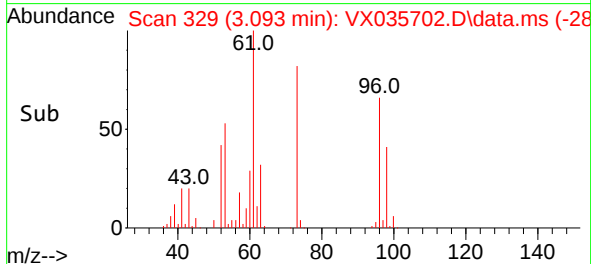
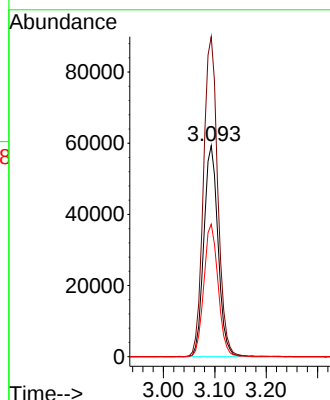
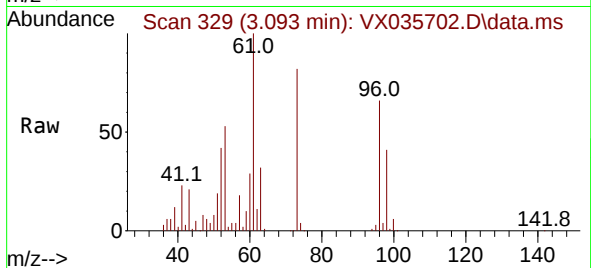




#21
trans-1,2-Dichloroethene
Concen: 45.514 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

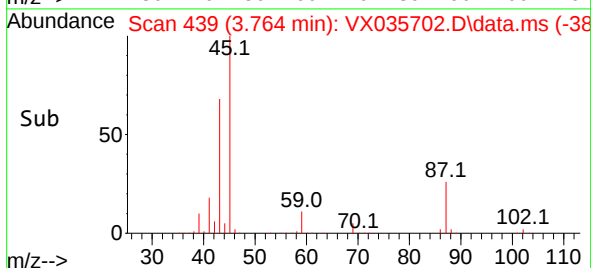
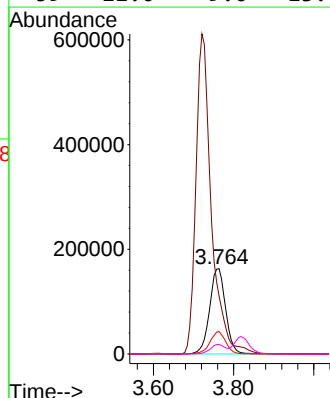
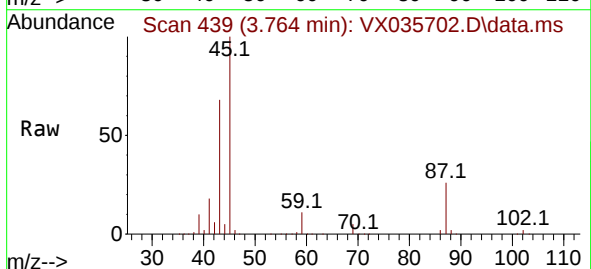
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

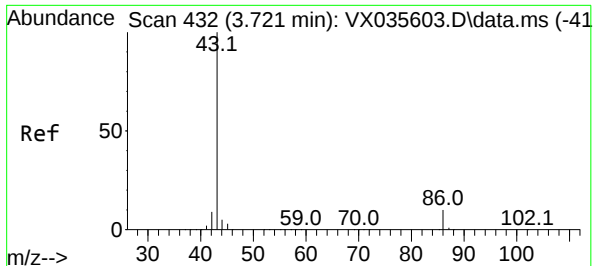
Tgt Ion: 96 Resp: 113616
Ion Ratio Lower Upper
96 100
61 151.5 113.0 169.6
98 62.8 52.1 78.1



#22
Diisopropyl ether
Concen: 47.064 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.007 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 45 Resp: 449727
Ion Ratio Lower Upper
45 100
43 67.9 65.4 98.2
87 26.3 20.6 31.0
59 11.0 9.0 13.6

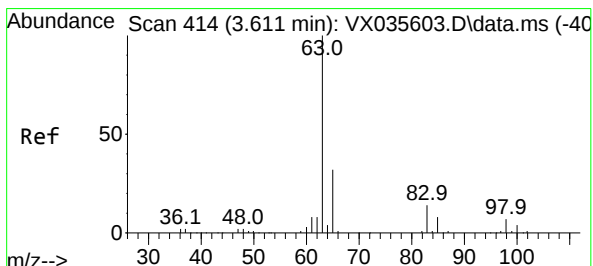
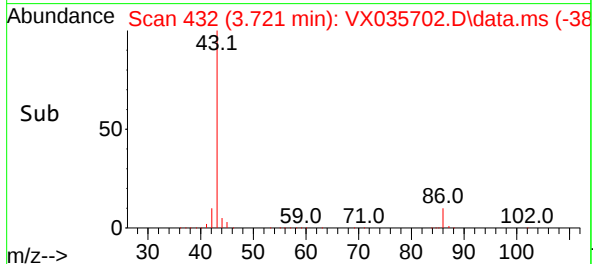
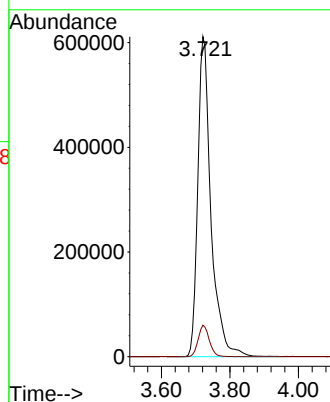
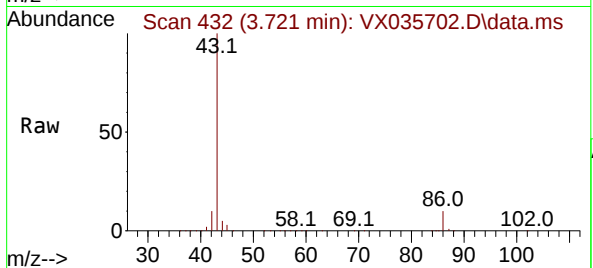




#23
 Vinyl Acetate
 Concen: 242.421 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035702.D
 Acq: 16 May 2023 19:32

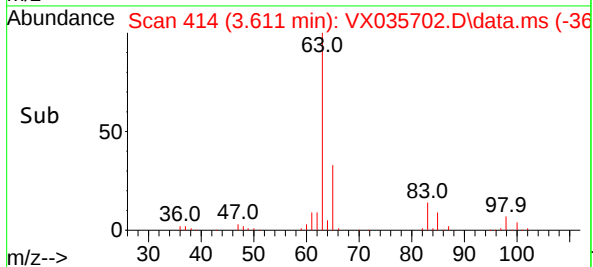
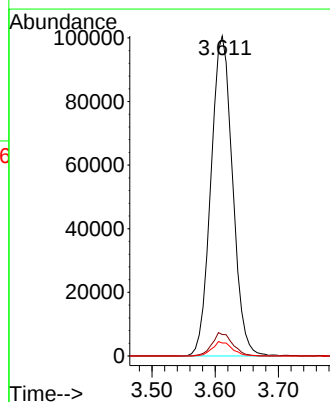
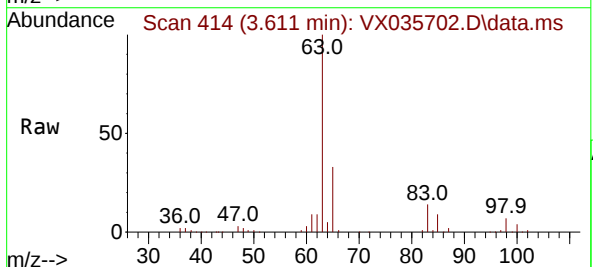
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

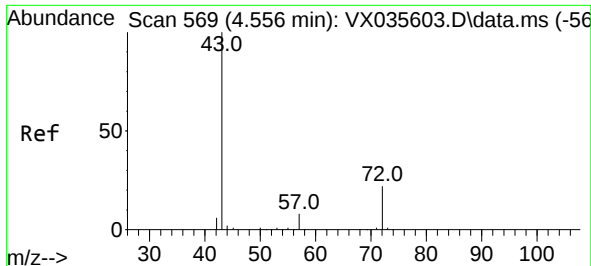
Tgt Ion: 43 Resp: 1639083
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 46.801 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035702.D
 Acq: 16 May 2023 19:32

Tgt Ion: 63 Resp: 239179
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.2
 100 4.1 2.4 7.1





#25

2-Butanone

Concen: 246.882 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

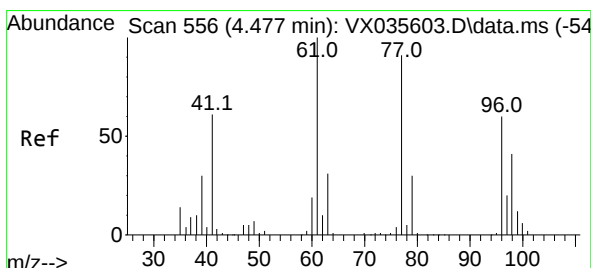
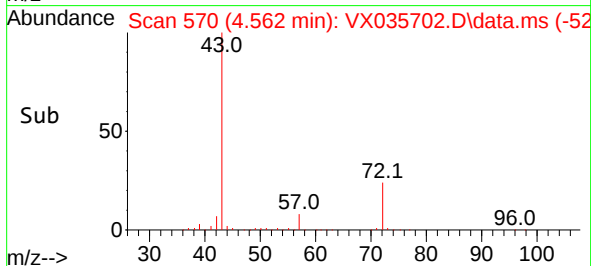
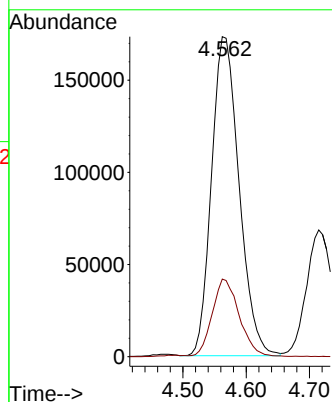
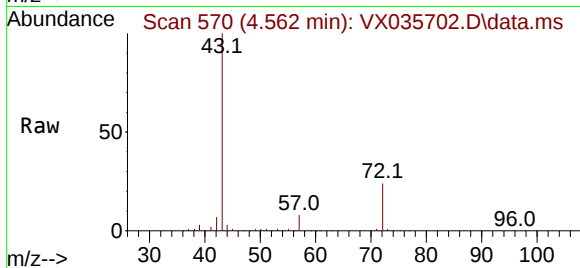
VSTDCCC050EC

Tgt Ion: 43 Resp: 524206

Ion Ratio Lower Upper

43 100

72 24.1 19.3 28.9



#26

2,2-Dichloropropane

Concen: 42.474 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX035702.D

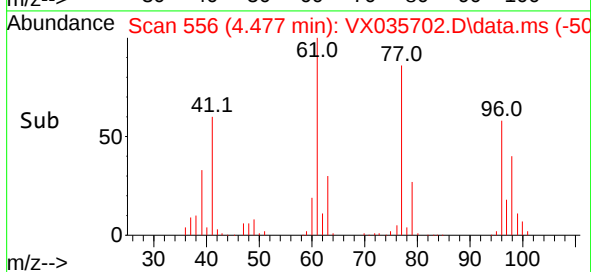
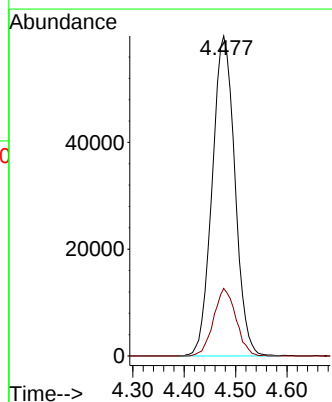
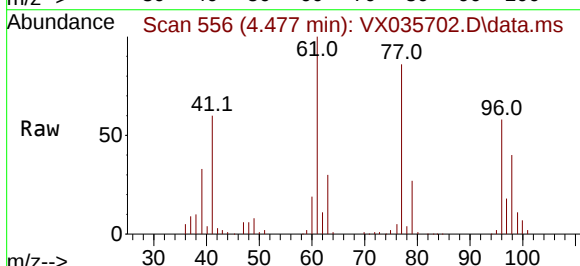
Acq: 16 May 2023 19:32

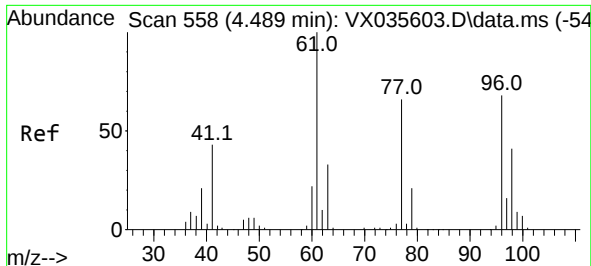
Tgt Ion: 77 Resp: 183818

Ion Ratio Lower Upper

77 100

97 20.9 11.4 34.1

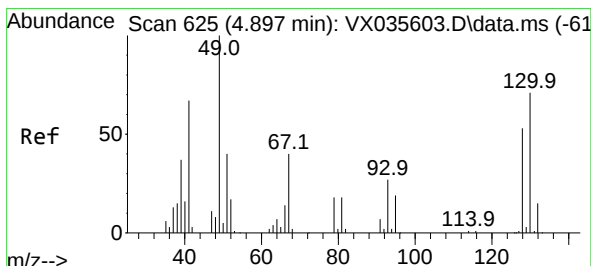
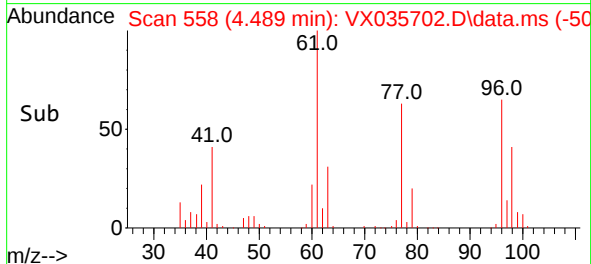
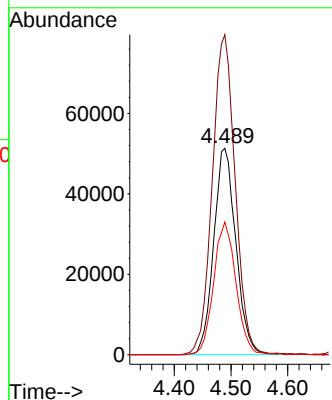
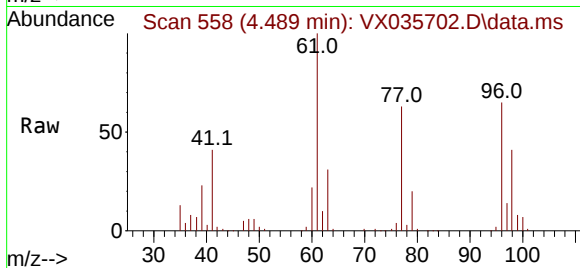




#27
 cis-1,2-Dichloroethene
 Concen: 46.496 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX035702.D
 Acq: 16 May 2023 19:32

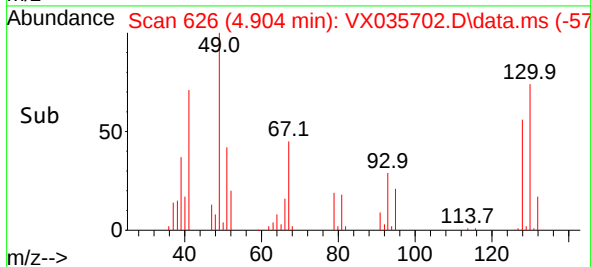
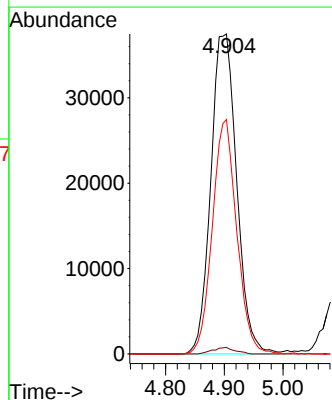
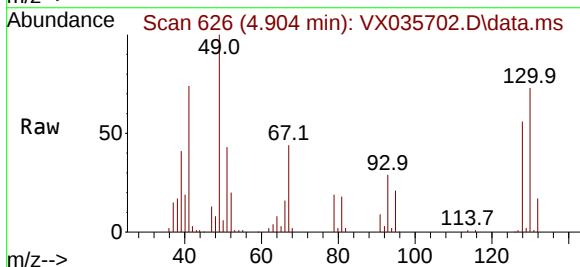
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

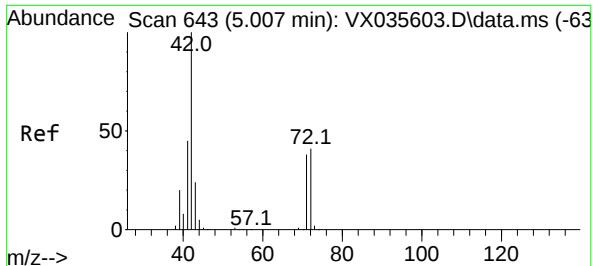
Tgt Ion: 96 Resp: 139528
 Ion Ratio Lower Upper
 96 100
 61 160.2 0.0 300.4
 98 64.7 0.0 129.0



#28
 Bromochloromethane
 Concen: 49.900 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.007 min
 Lab File: VX035702.D
 Acq: 16 May 2023 19:32

Tgt Ion: 49 Resp: 114705
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 69.0 58.2 87.2





#29

Tetrahydrofuran

Concen: 250.988 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

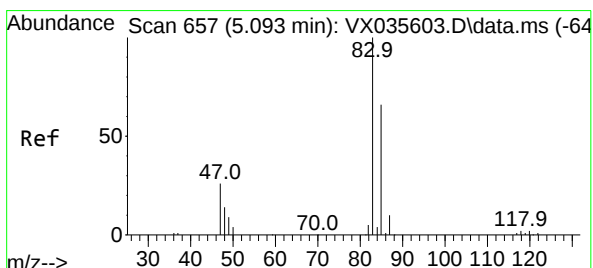
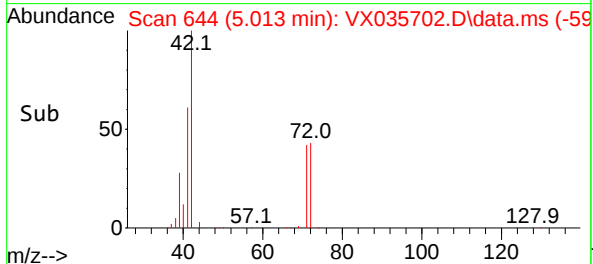
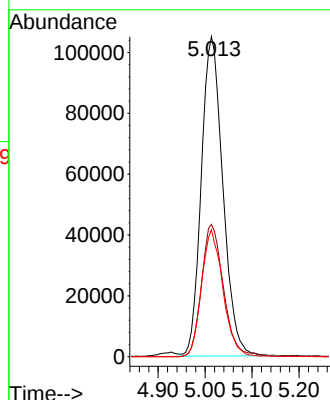
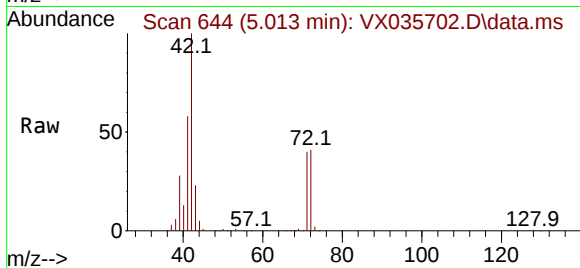
Tgt Ion: 42 Resp: 334962

Ion Ratio Lower Upper

42 100

72 42.2 34.5 51.7

71 39.3 32.1 48.1



#30

Chloroform

Concen: 47.363 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX035702.D

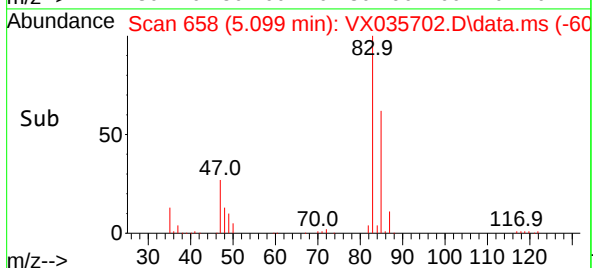
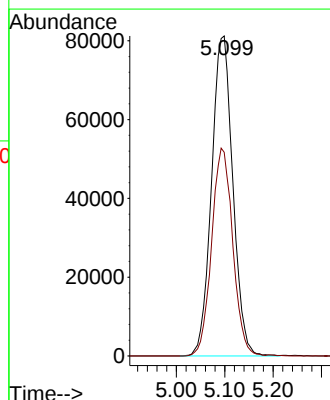
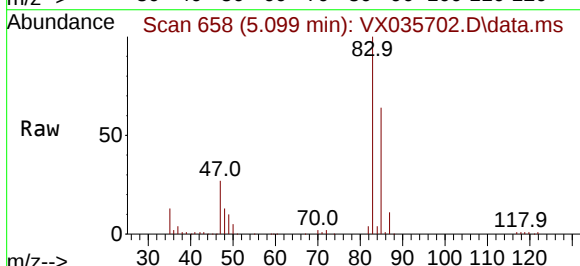
Acq: 16 May 2023 19:32

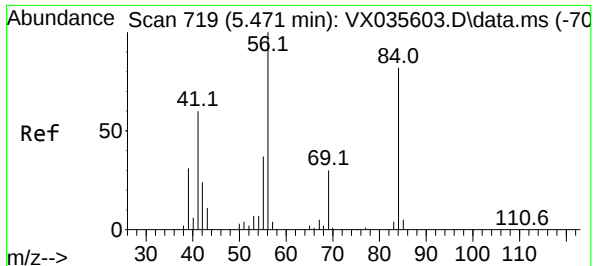
Tgt Ion: 83 Resp: 248033

Ion Ratio Lower Upper

83 100

85 63.6 50.6 76.0

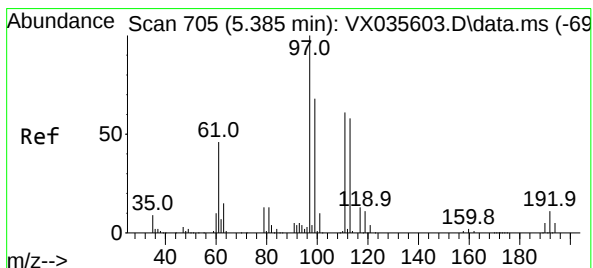
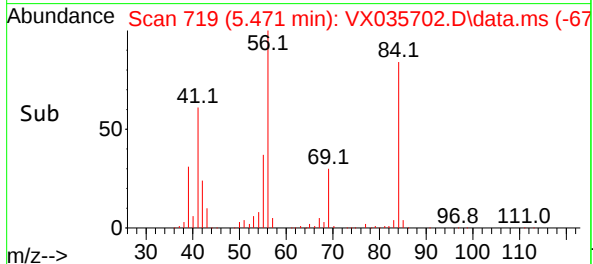
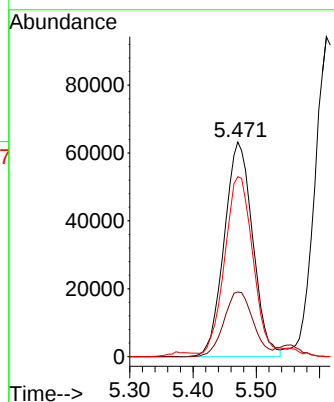
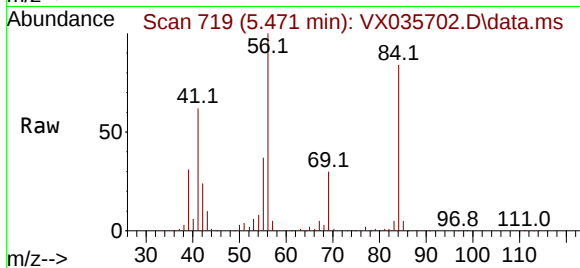




#31
Cyclohexane
Concen: 43.807 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

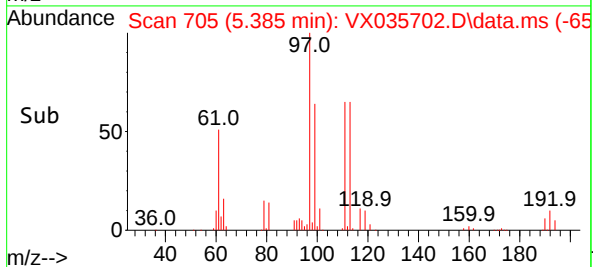
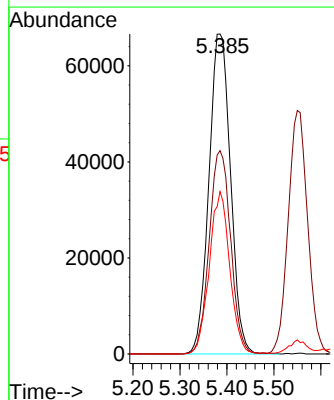
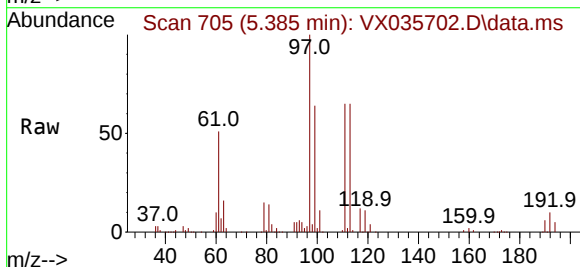
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

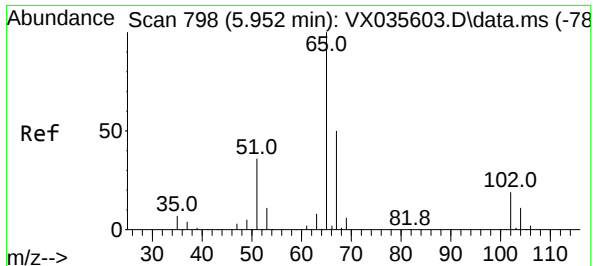
Tgt Ion: 56 Resp: 197520
Ion Ratio Lower Upper
56 100
69 30.1 23.7 35.5
84 82.0 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 46.675 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 97 Resp: 212676
Ion Ratio Lower Upper
97 100
99 63.1 51.1 76.7
61 48.1 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 50.982 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

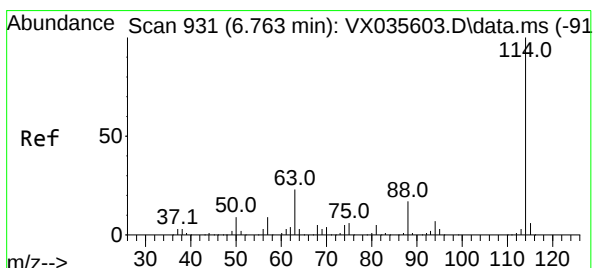
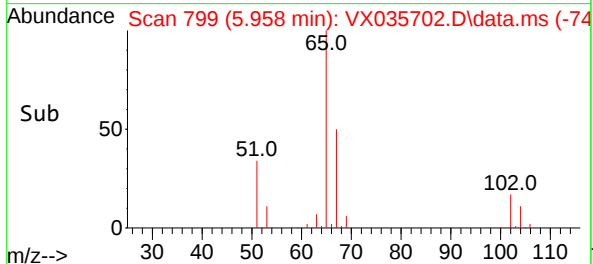
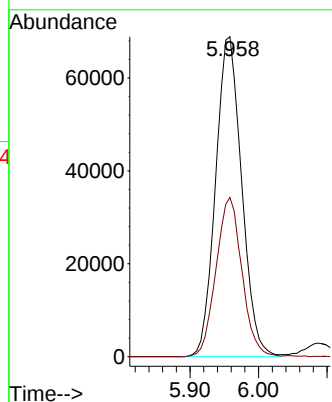
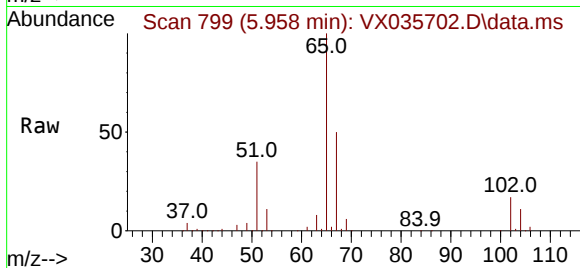
VSTDCCC050EC

Tgt Ion: 65 Resp: 181941

Ion Ratio Lower Upper

65 100

67 49.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

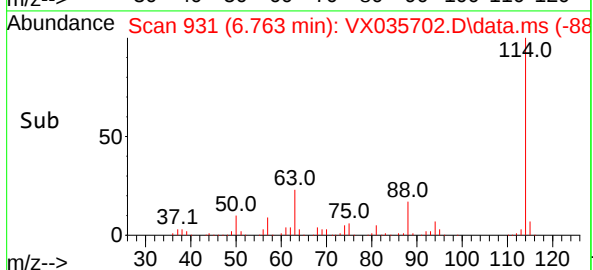
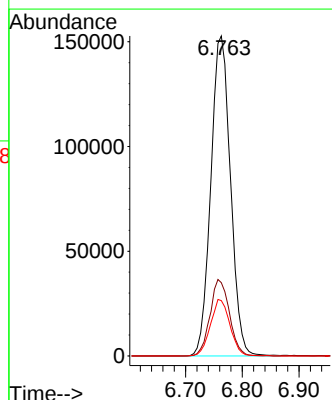
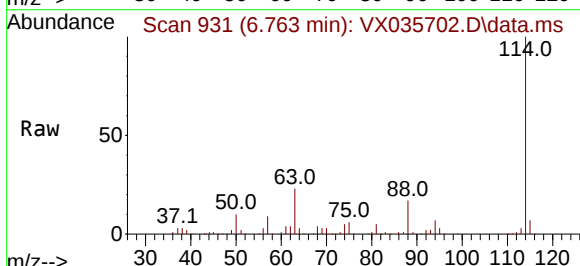
Tgt Ion: 114 Resp: 367356

Ion Ratio Lower Upper

114 100

63 22.9 0.0 42.2

88 17.3 0.0 33.2

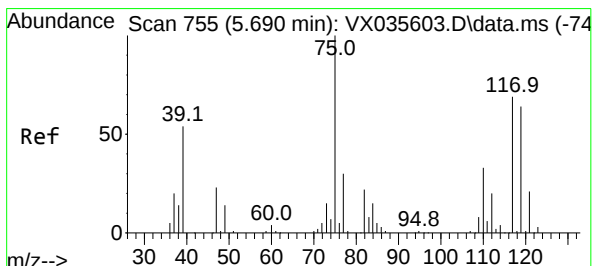
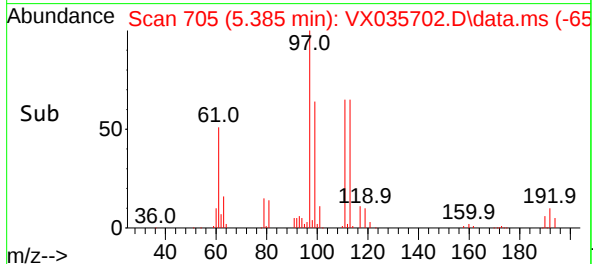
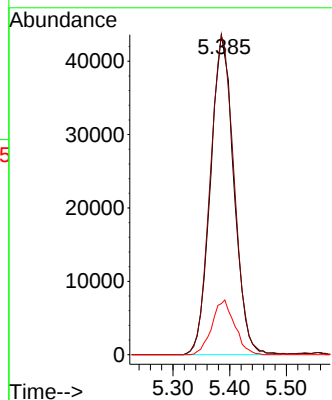
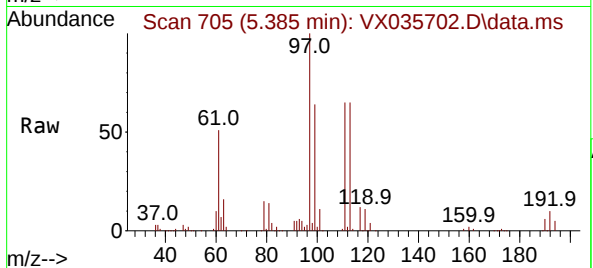




#35
Dibromofluoromethane
Concen: 50.146 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

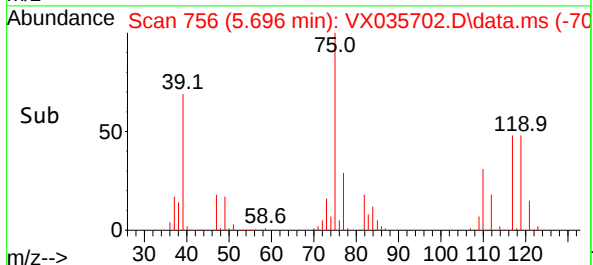
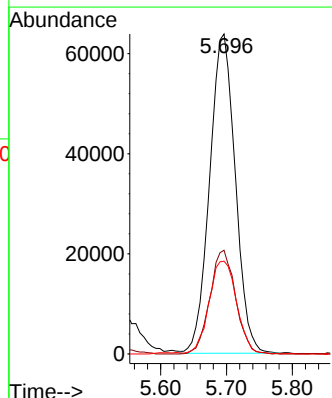
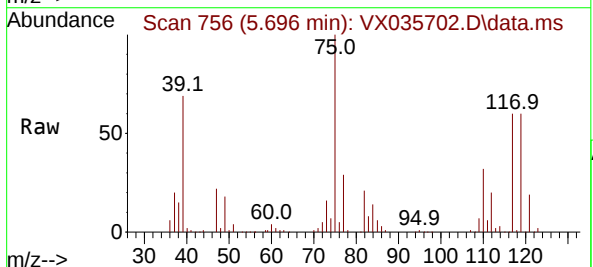
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

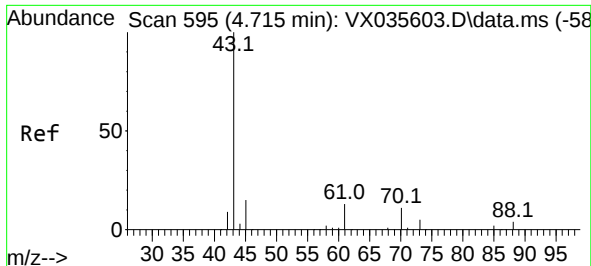
Tgt Ion:113 Resp: 124234
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 16.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 44.273 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 75 Resp: 173132
Ion Ratio Lower Upper
75 100
110 32.5 17.5 52.5
77 31.2 24.3 36.5





#37

Ethyl Acetate

Concen: 49.900 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

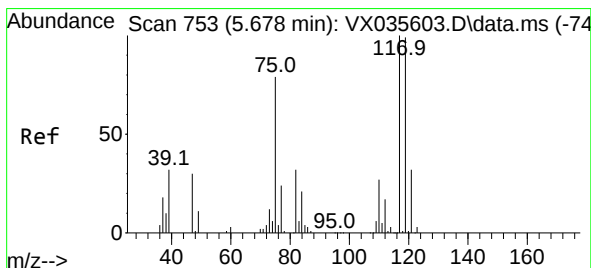
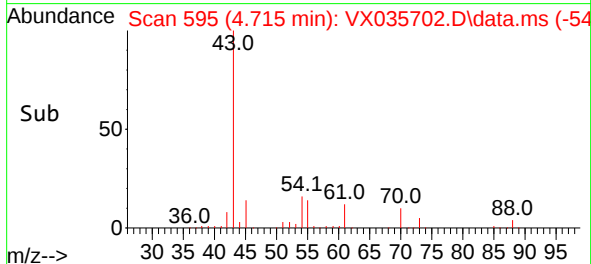
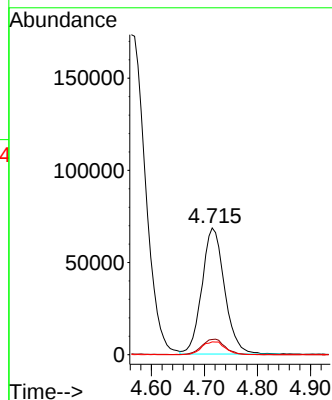
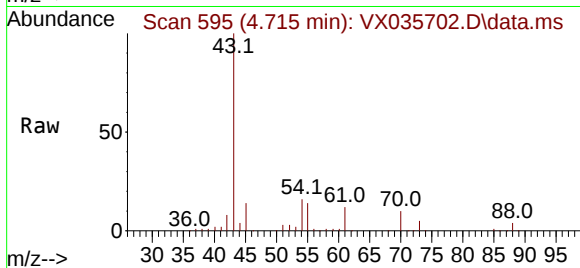
Tgt Ion: 43 Resp: 203531

Ion Ratio Lower Upper

43 100

61 12.6 10.2 15.4

70 10.6 8.2 12.4



#38

Carbon Tetrachloride

Concen: 45.073 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

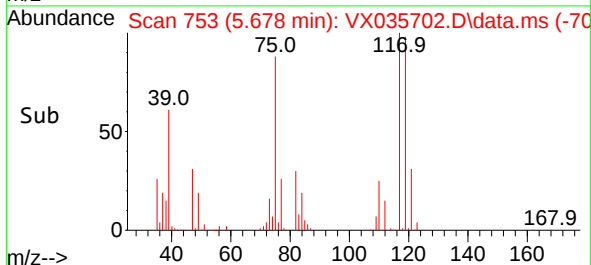
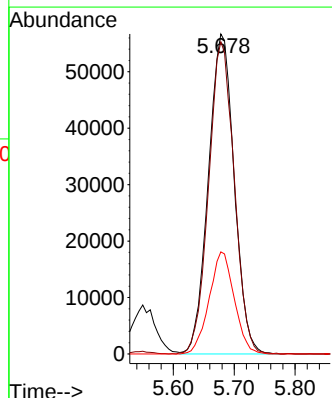
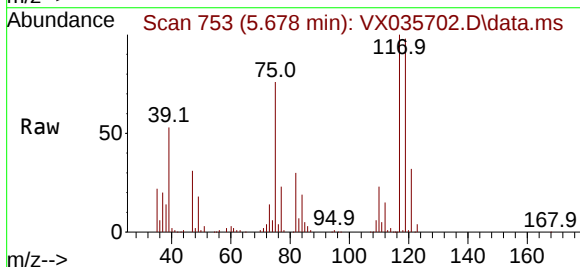
Tgt Ion: 117 Resp: 166968

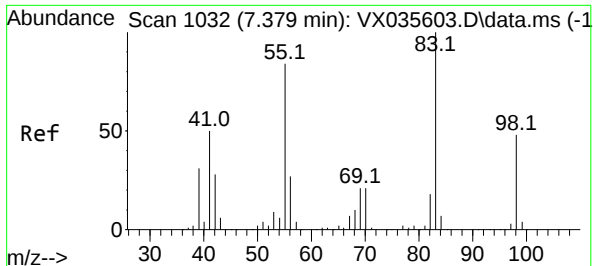
Ion Ratio Lower Upper

117 100

119 97.6 76.6 114.8

121 31.9 23.8 35.6





#39

Methylcyclohexane

Concen: 42.869 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

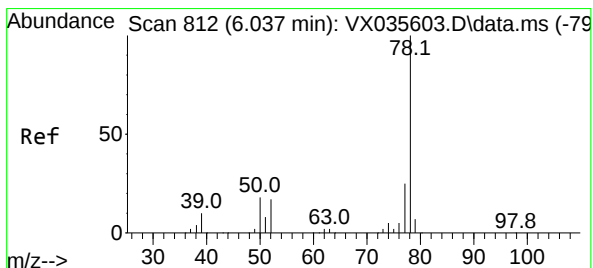
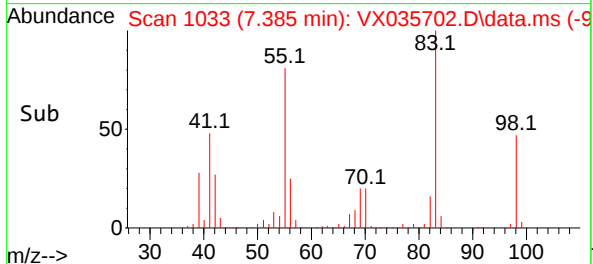
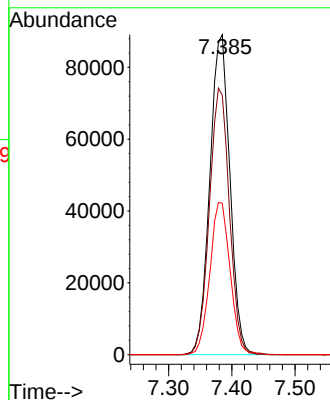
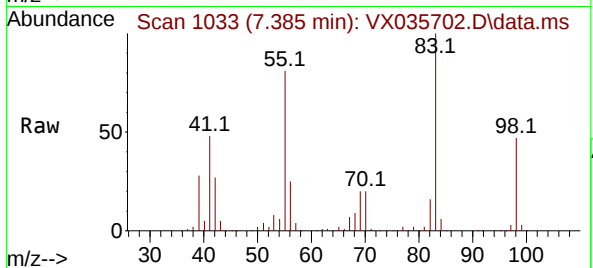
Tgt Ion: 83 Resp: 197336

Ion Ratio Lower Upper

83 100

55 81.1 60.5 90.7

98 47.4 40.4 60.6



#40

Benzene

Concen: 45.523 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035702.D

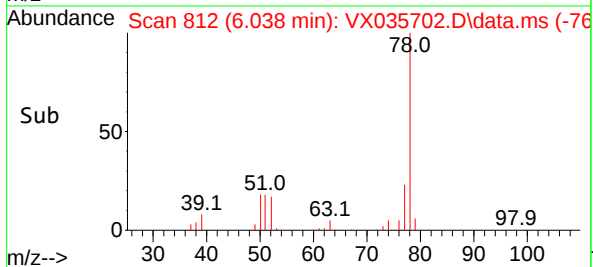
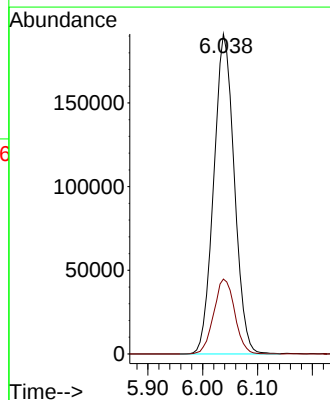
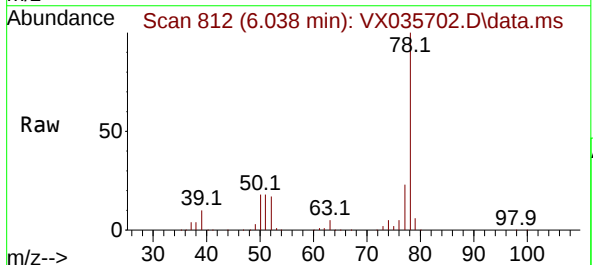
Acq: 16 May 2023 19:32

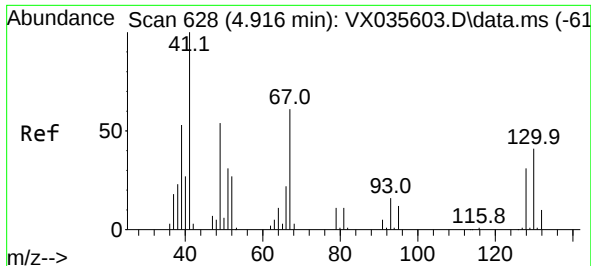
Tgt Ion: 78 Resp: 498007

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.4



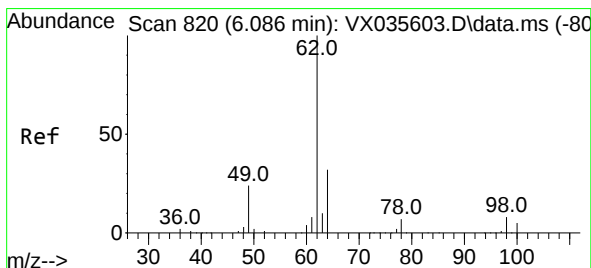
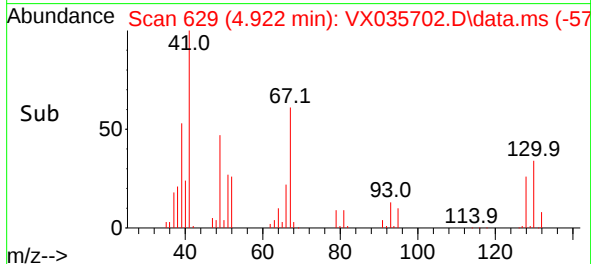
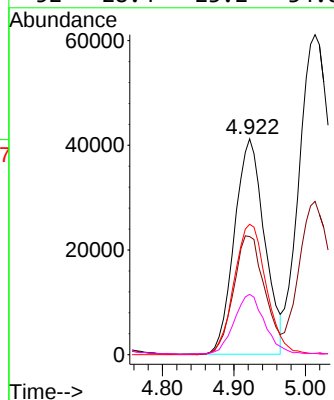
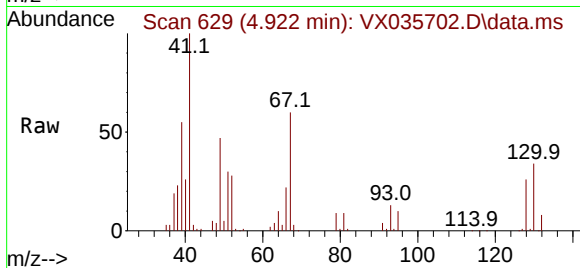


#41
Methacrylonitrile
Concen: 49.676 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 120302

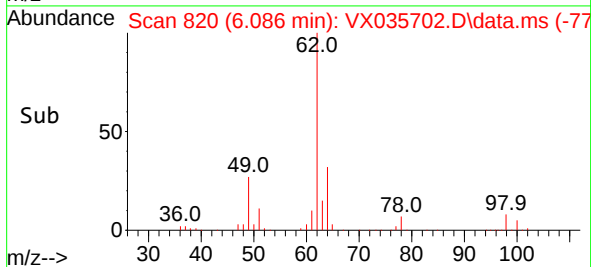
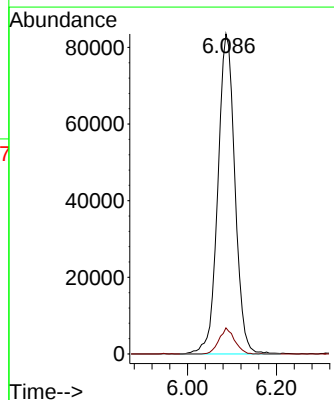
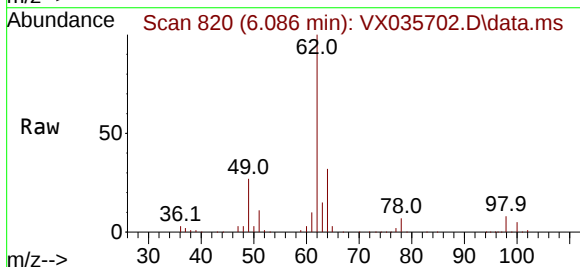
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.0	67.6
67	65.3	55.6	83.4
52	28.4	23.2	34.8

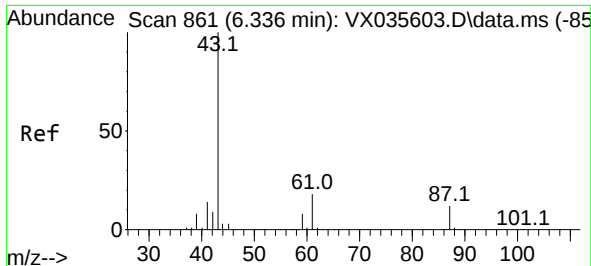


#42
1,2-Dichloroethane
Concen: 47.166 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 62 Resp: 221959

Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	18.0





#43

Isopropyl Acetate

Concen: 48.981 ug/l

RT: 6.342 min Scan# 861

Delta R.T. 0.006 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

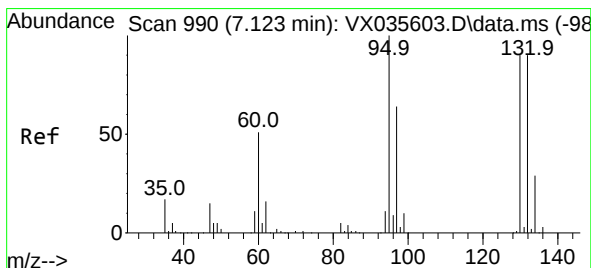
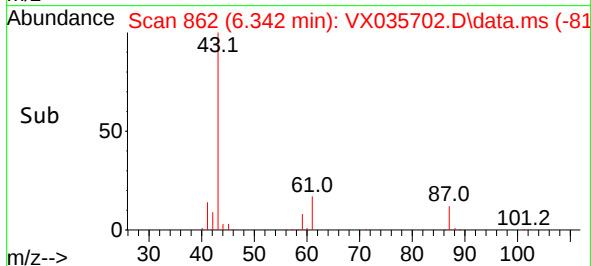
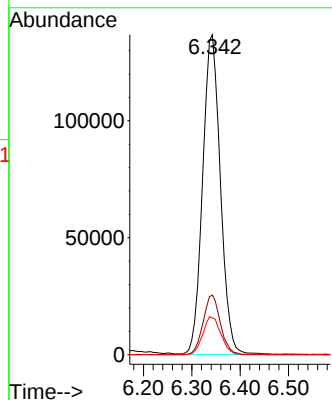
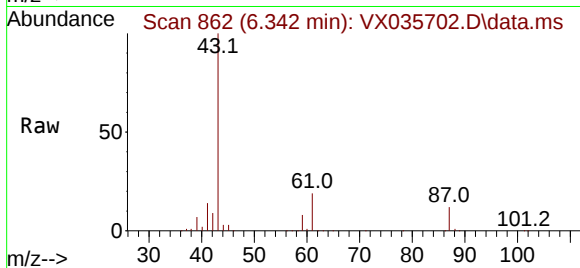
Tgt Ion: 43 Resp: 348377

Ion Ratio Lower Upper

43 100

61 18.2 15.2 22.8

87 12.0 9.8 14.8



#44

Trichloroethene

Concen: 44.222 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035702.D

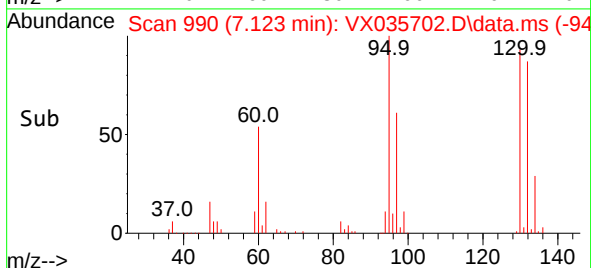
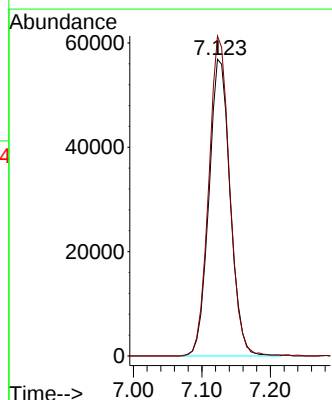
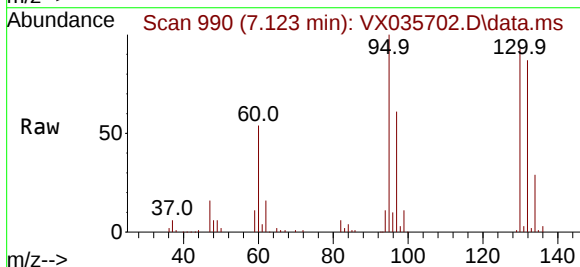
Acq: 16 May 2023 19:32

Tgt Ion:130 Resp: 122668

Ion Ratio Lower Upper

130 100

95 107.8 0.0 198.4





#45

1,2-Dichloropropane

Concen: 46.477 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

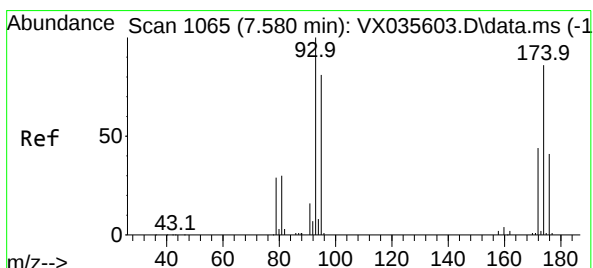
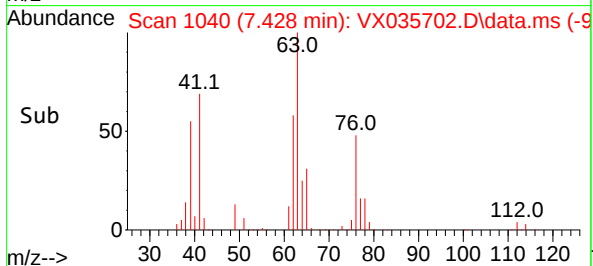
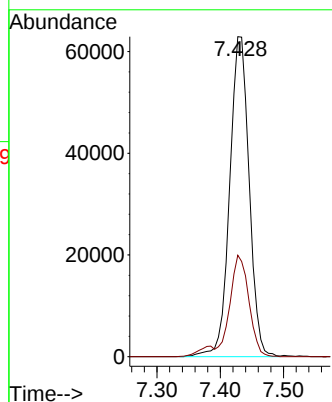
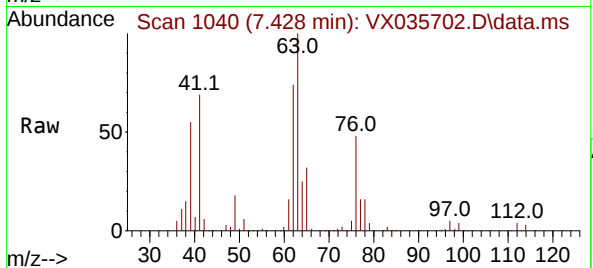
VSTDCCC050EC

Tgt Ion: 63 Resp: 134661

Ion Ratio Lower Upper

63 100

65 31.7 24.6 37.0



#46

Dibromomethane

Concen: 47.346 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

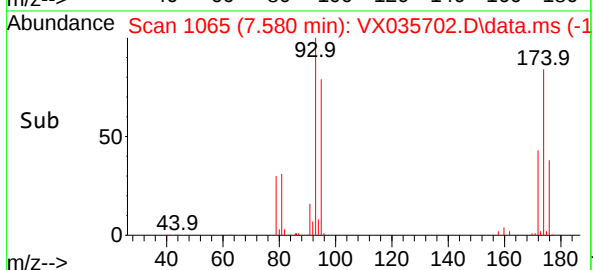
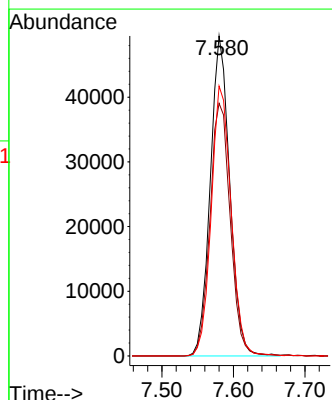
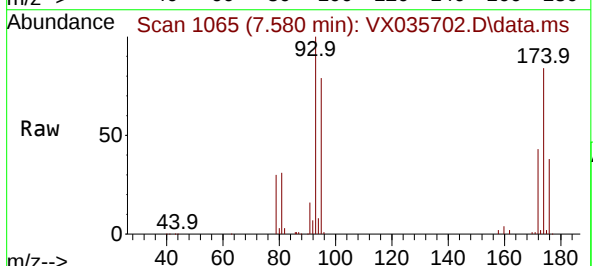
Tgt Ion: 93 Resp: 93899

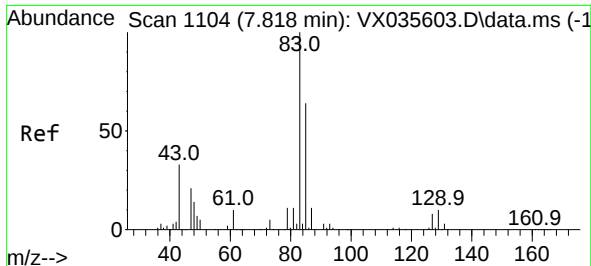
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

174 85.9 75.4 113.0

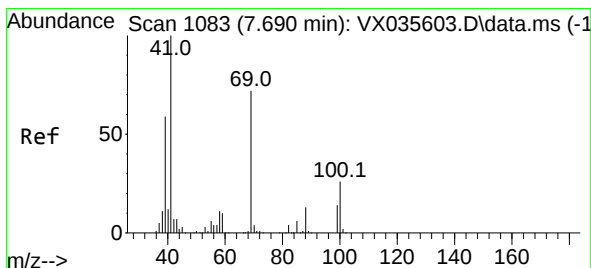
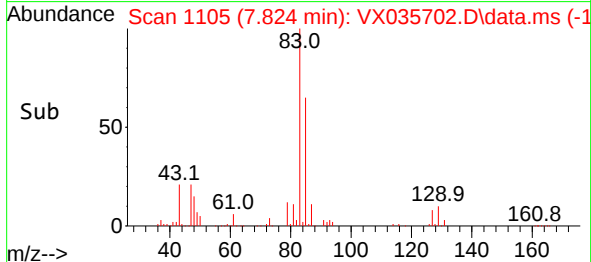
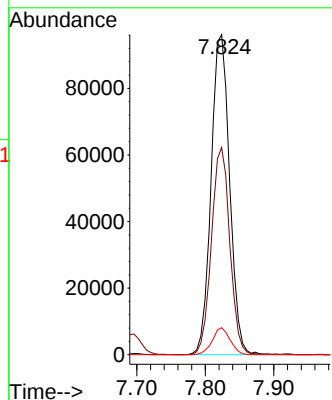
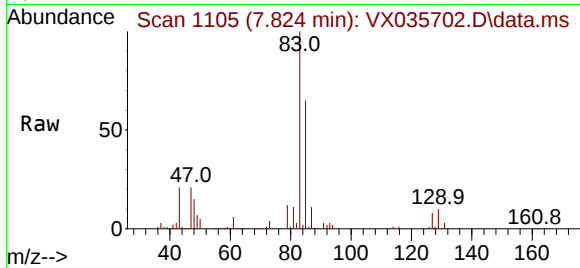




#47
Bromodichloromethane
Concen: 47.122 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

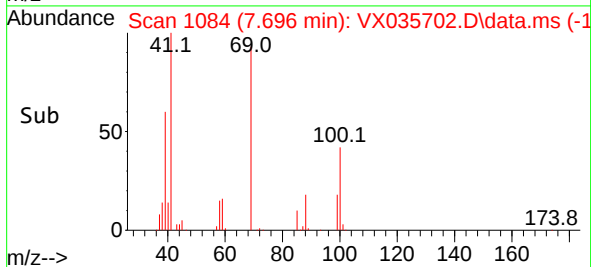
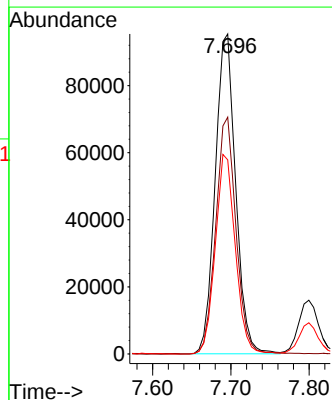
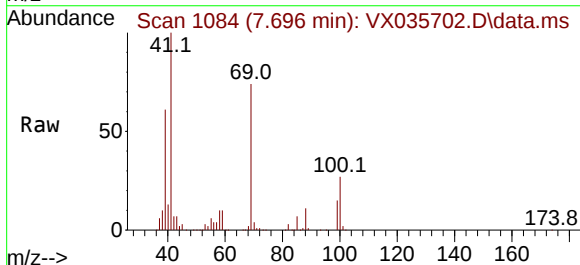
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

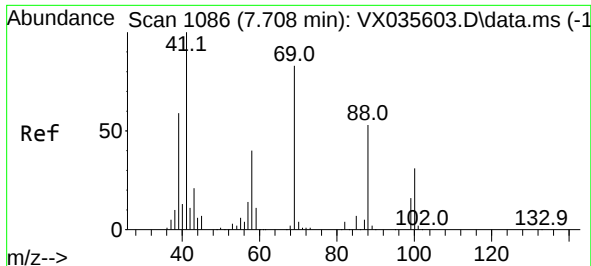
Tgt Ion: 83 Resp: 180635
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4
127 8.5 6.6 9.8



#48
Methyl methacrylate
Concen: 49.304 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 41 Resp: 173064
Ion Ratio Lower Upper
41 100
69 73.7 62.2 93.4
39 61.3 47.7 71.5





#49

1,4-Dioxane

Concen: 823.583 ug/l

RT: 7.714 min Scan# 1086

Delta R.T. 0.006 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

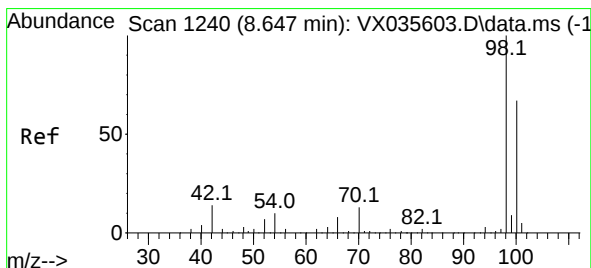
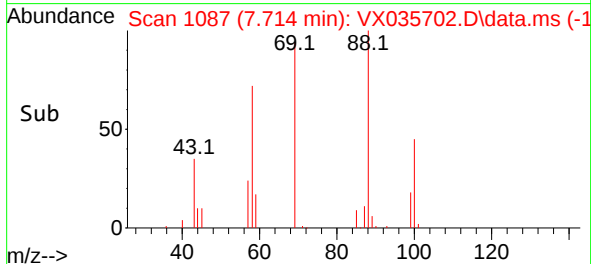
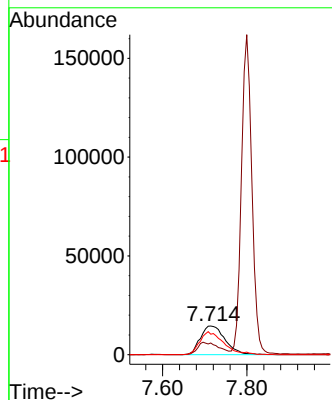
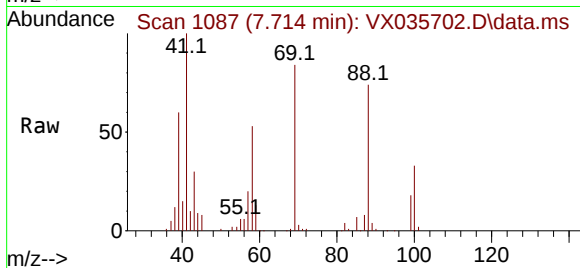
Tgt Ion: 88 Resp: 59469

Ion Ratio Lower Upper

88 100

43 36.1 27.7 41.5

58 77.2 56.8 85.2



#50

Toluene-d8

Concen: 48.870 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035702.D

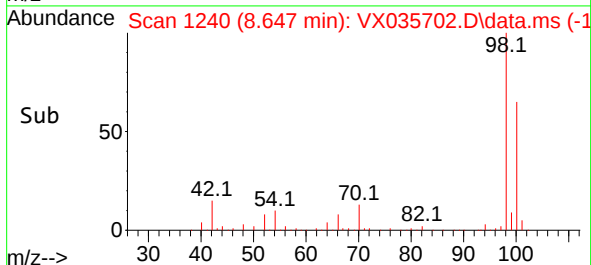
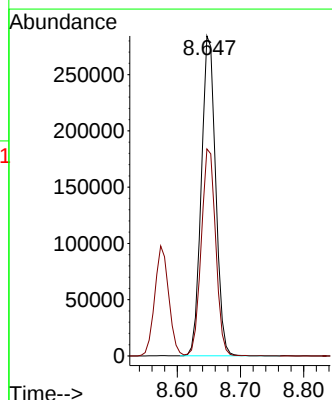
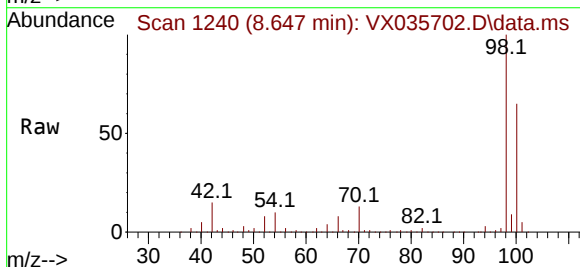
Acq: 16 May 2023 19:32

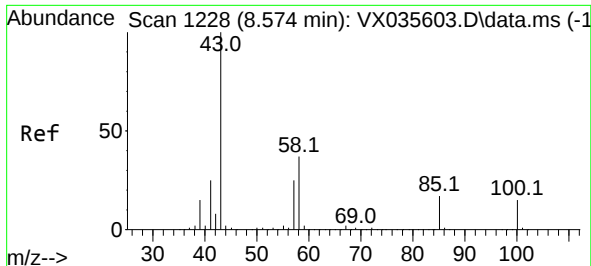
Tgt Ion: 98 Resp: 447275

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 259.331 ug/l

RT: 8.574 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

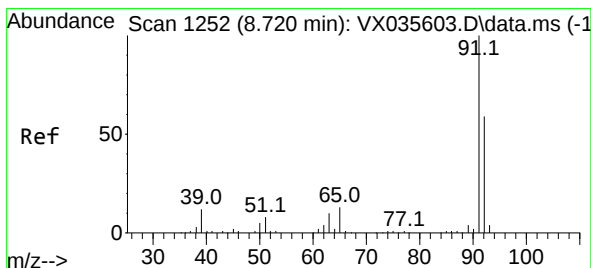
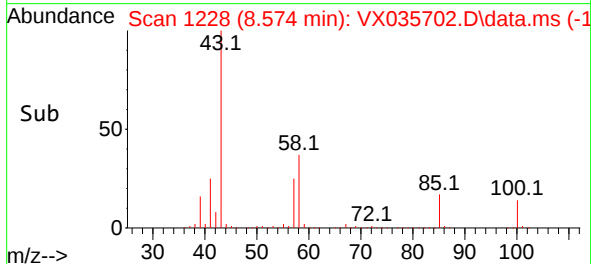
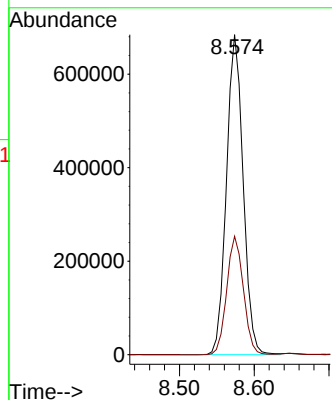
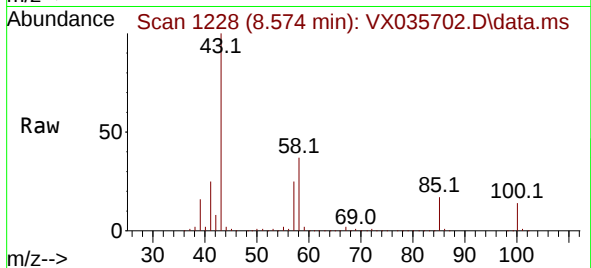
VSTDCCC050EC

Tgt Ion: 43 Resp: 1062631

Ion Ratio Lower Upper

43 100

58 37.1 30.6 46.0



#52

Toluene

Concen: 45.564 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX035702.D

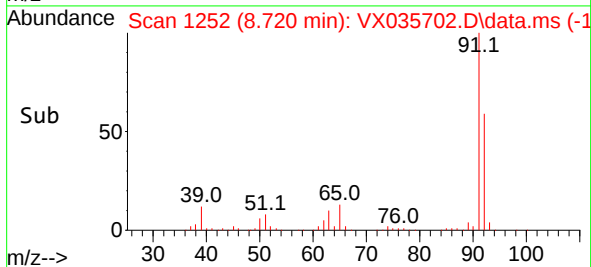
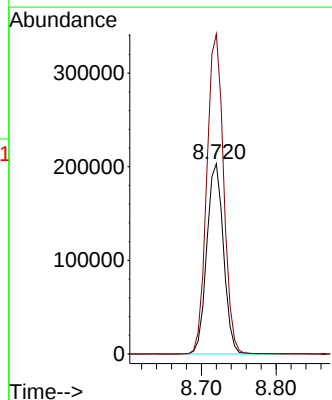
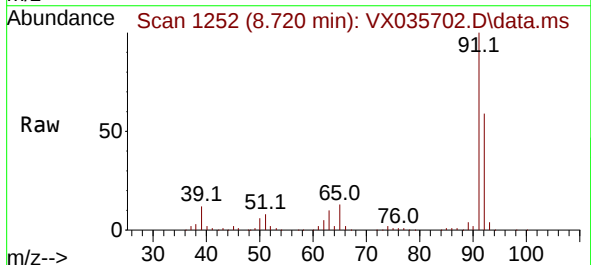
Acq: 16 May 2023 19:32

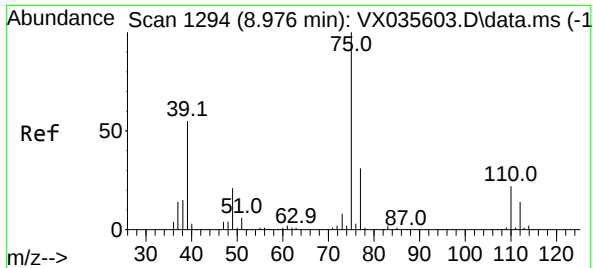
Tgt Ion: 92 Resp: 314645

Ion Ratio Lower Upper

92 100

91 169.2 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 47.525 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

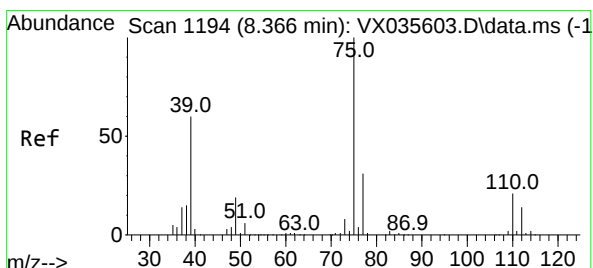
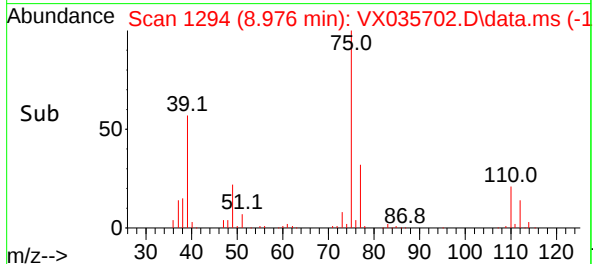
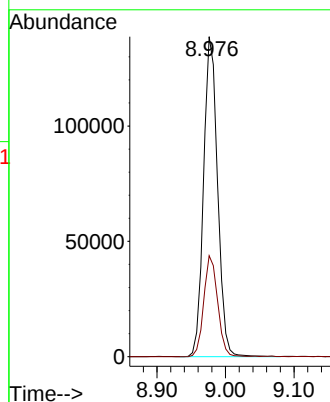
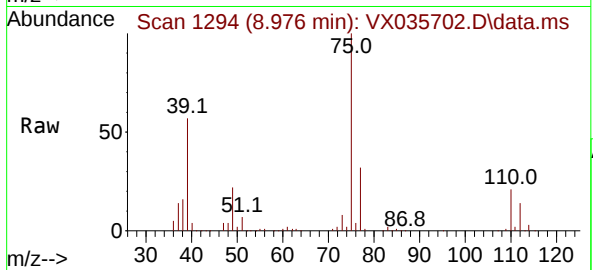
VSTDCCC050EC

Tgt Ion: 75 Resp: 197931

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 47.583 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

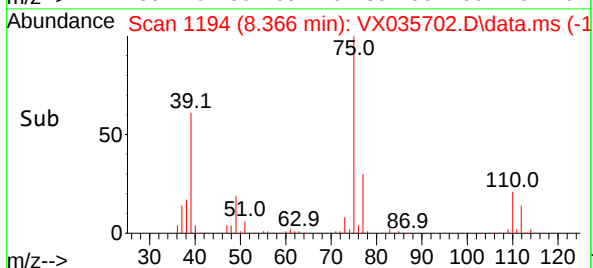
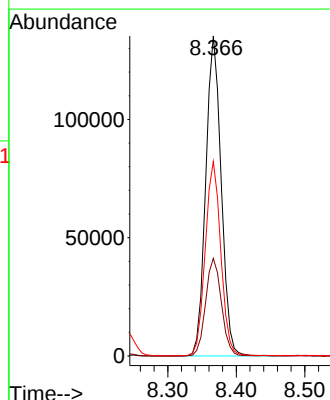
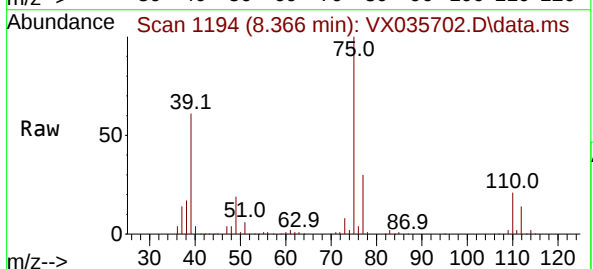
Tgt Ion: 75 Resp: 212322

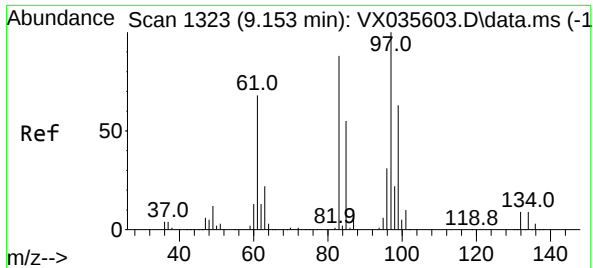
Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4

39 60.7 44.6 66.8

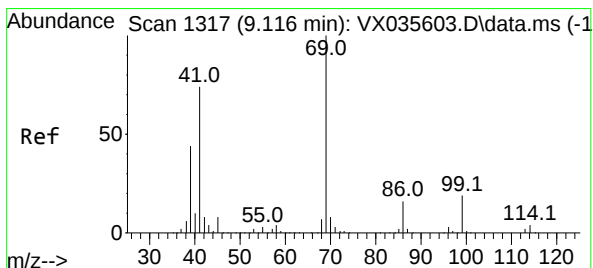
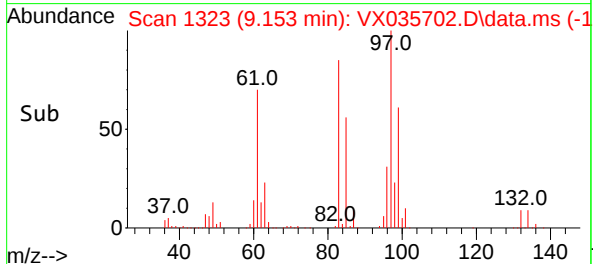
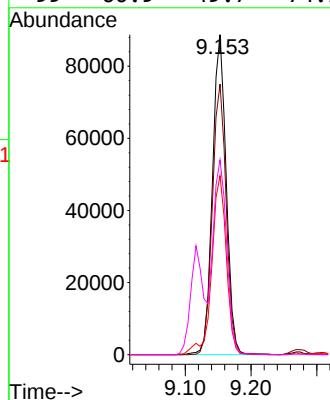
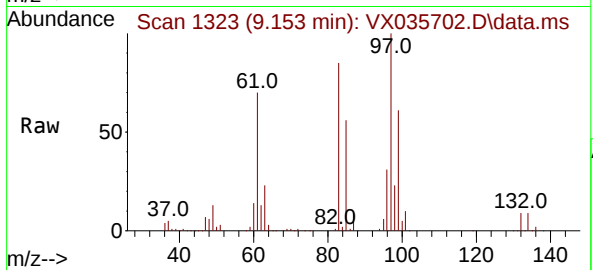




#55
 1,1,2-Trichloroethane
 Concen: 47.587 ug/l
 RT: 9.153 min Scan# 1323
 Delta R.T. -0.000 min
 Lab File: VX035702.D
 Acq: 16 May 2023 19:32

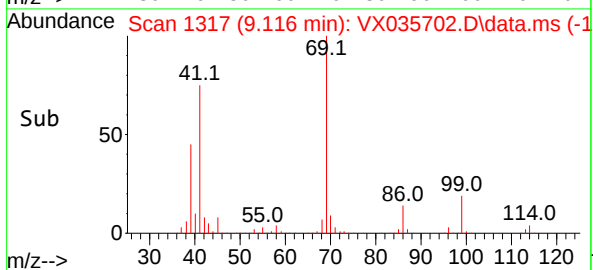
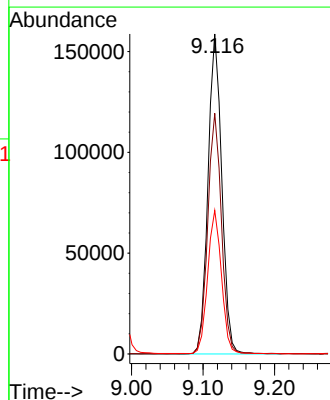
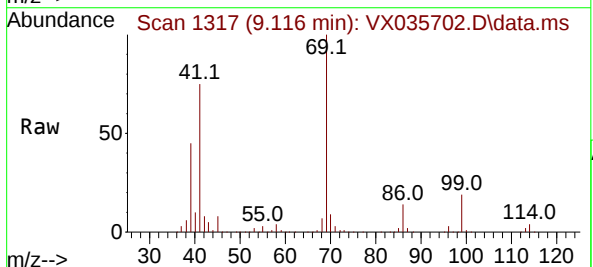
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

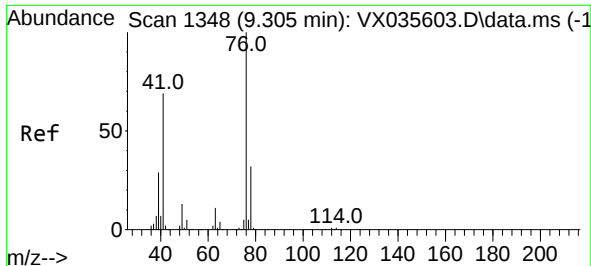
Tgt Ion:	97	Resp:	129069
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.7	104.5
85	55.9	43.7	65.5
99	60.9	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 48.411 ug/l
 RT: 9.116 min Scan# 1317
 Delta R.T. 0.000 min
 Lab File: VX035702.D
 Acq: 16 May 2023 19:32

Tgt Ion:	69	Resp:	212636
Ion	Ratio	Lower	Upper
69	100		
41	74.8	57.4	86.0
39	45.1	33.7	50.5





#57

1,3-Dichloropropane

Concen: 47.082 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

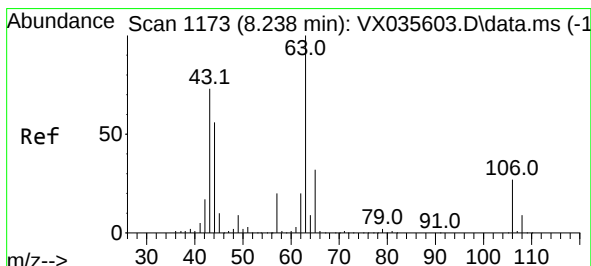
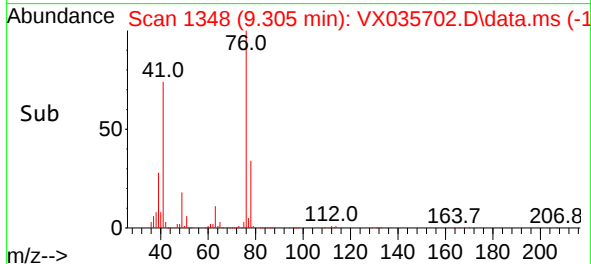
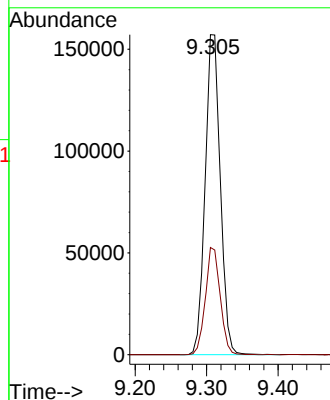
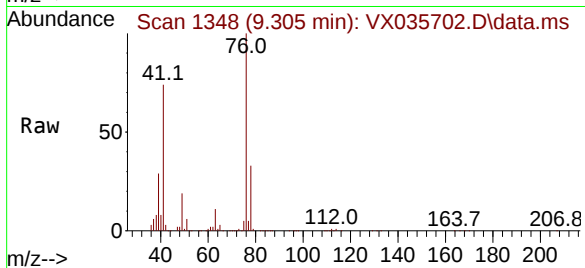
VSTDCCC050EC

Tgt Ion: 76 Resp: 231497

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 241.840 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.007 min

Lab File: VX035702.D

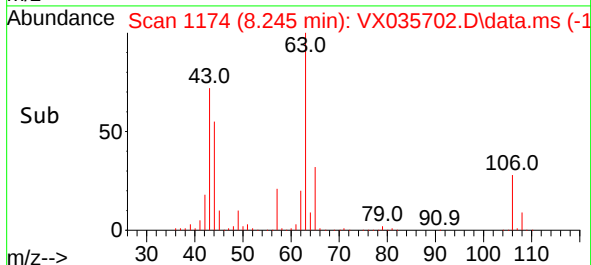
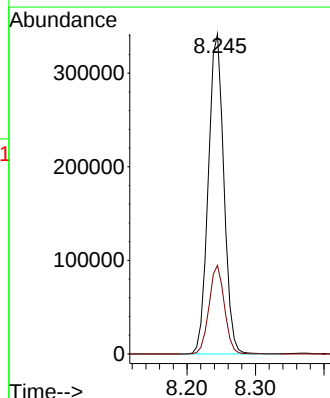
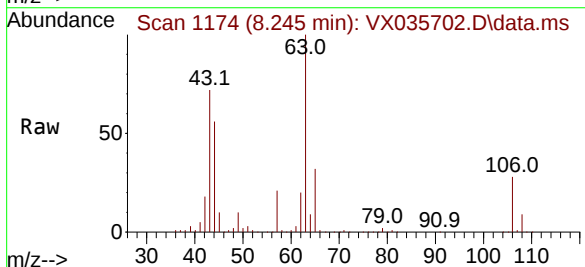
Acq: 16 May 2023 19:32

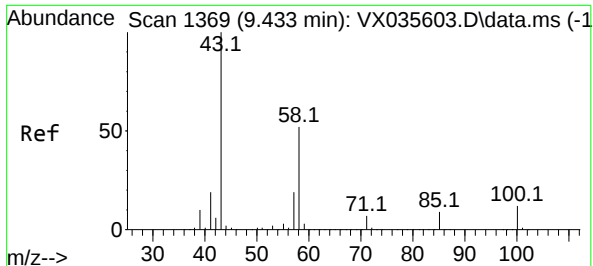
Tgt Ion: 63 Resp: 540378

Ion Ratio Lower Upper

63 100

106 27.3 22.2 33.2

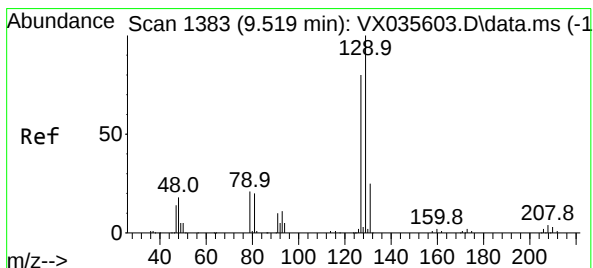
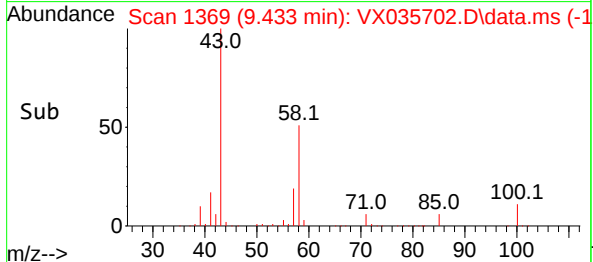
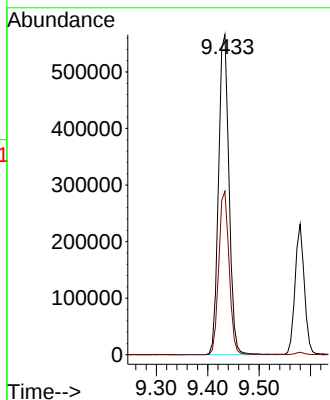
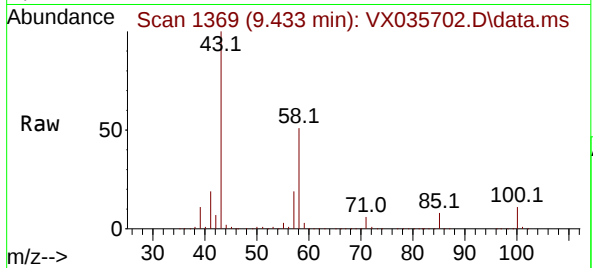




#59
2-Hexanone
Concen: 258.263 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

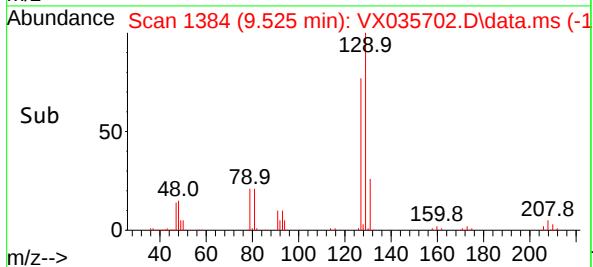
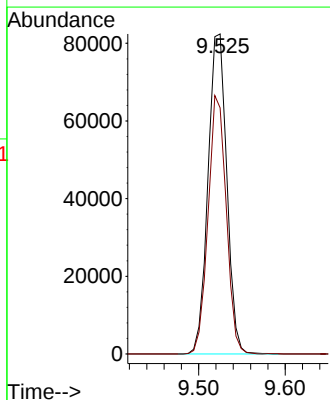
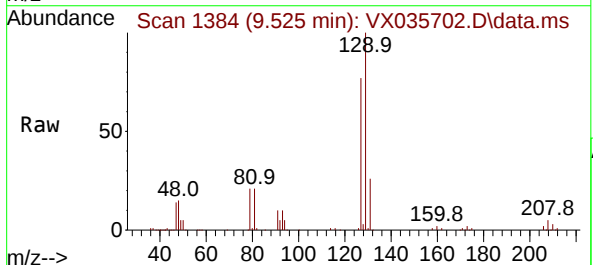
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

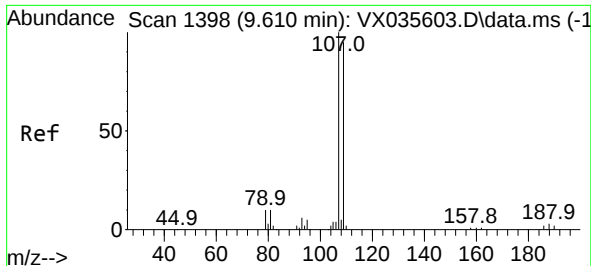
Tgt Ion: 43 Resp: 796966
Ion Ratio Lower Upper
43 100
58 50.8 26.3 78.9



#60
Dibromochloromethane
Concen: 47.954 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion:129 Resp: 123980
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

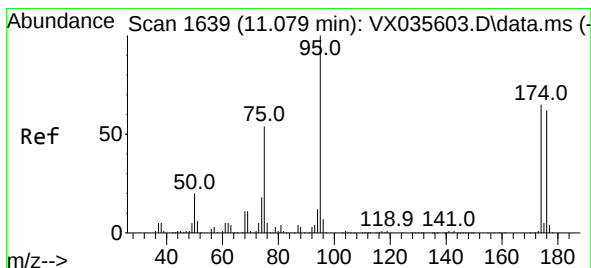
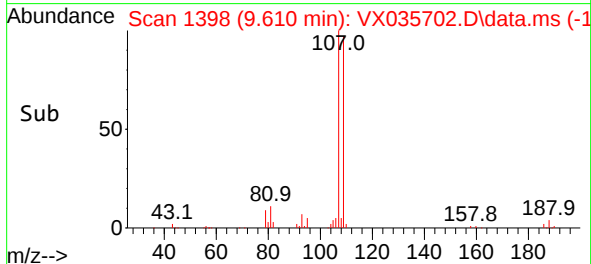
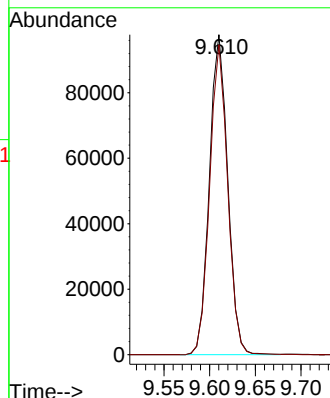
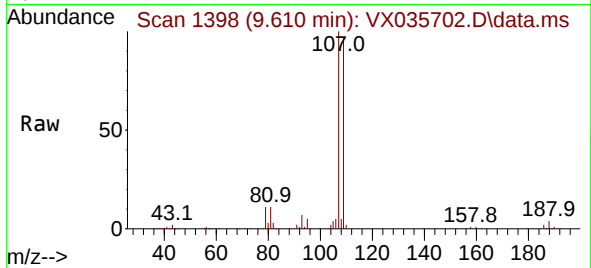




#61
1,2-Dibromoethane
Concen: 47.600 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

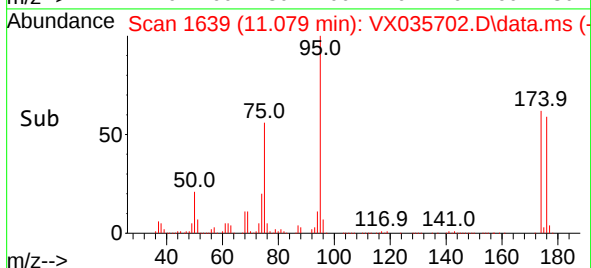
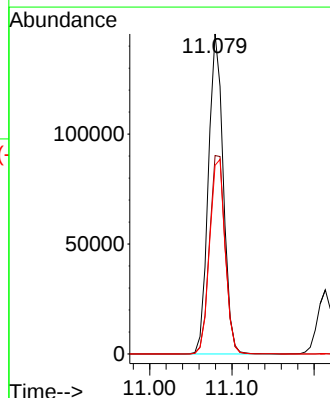
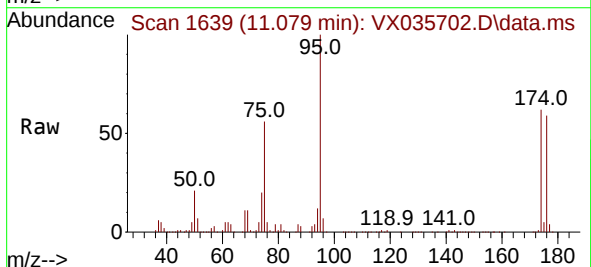
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

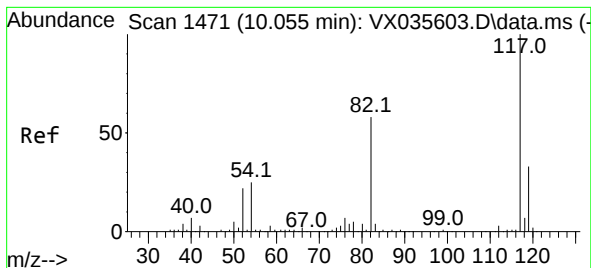
Tgt Ion:107 Resp: 136023
Ion Ratio Lower Upper
107 100
109 95.2 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 49.523 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 95 Resp: 182496
Ion Ratio Lower Upper
95 100
174 65.5 0.0 147.4
176 63.4 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: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

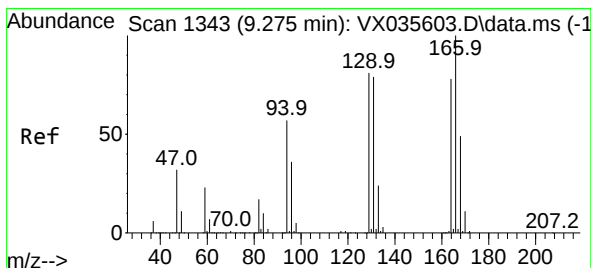
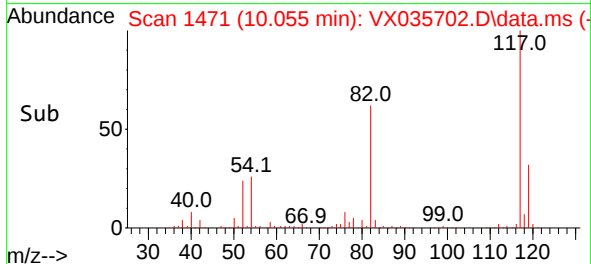
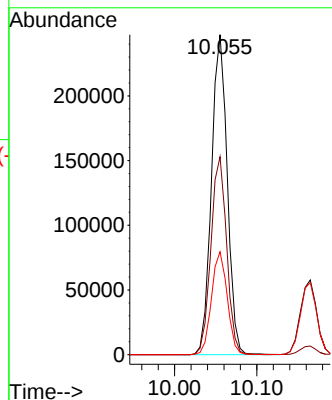
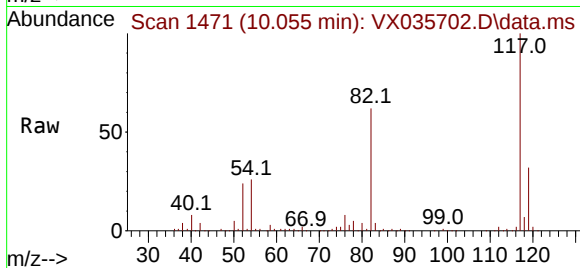
Tgt Ion:117 Resp: 330457

Ion Ratio Lower Upper

117 100

82 61.8 45.0 67.4

119 32.2 26.0 39.0



#64

Tetrachloroethene

Concen: 43.504 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Tgt Ion:164 Resp: 96787

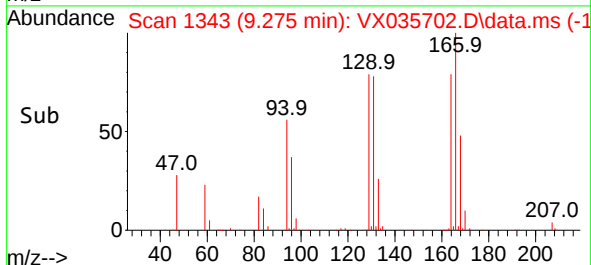
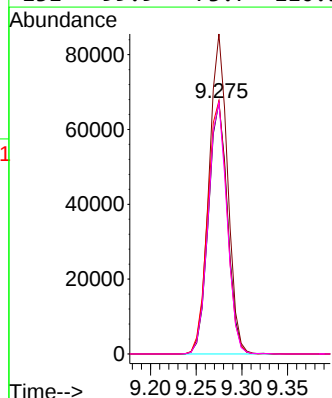
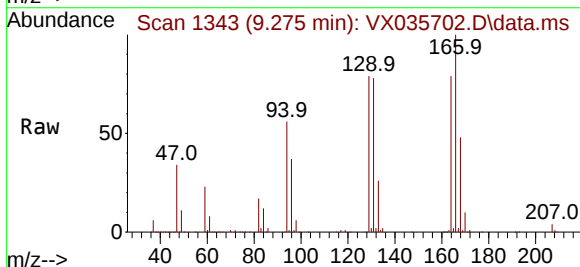
Ion Ratio Lower Upper

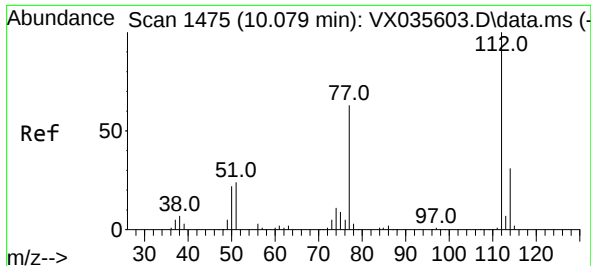
164 100

166 127.2 102.7 154.1

129 100.7 75.6 113.4

131 99.9 73.7 110.5

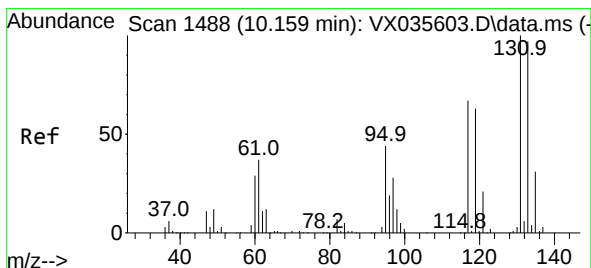
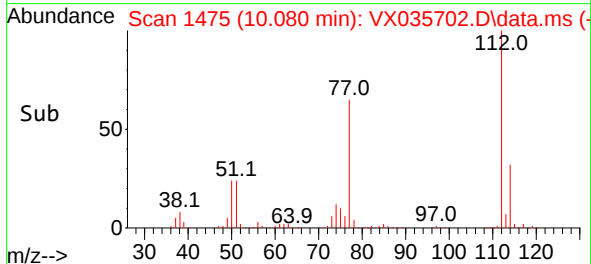
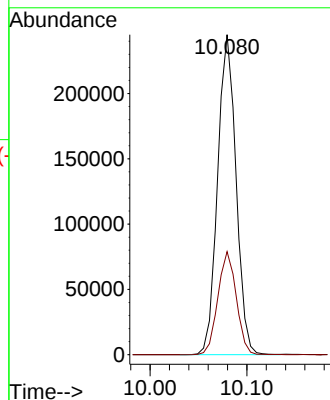
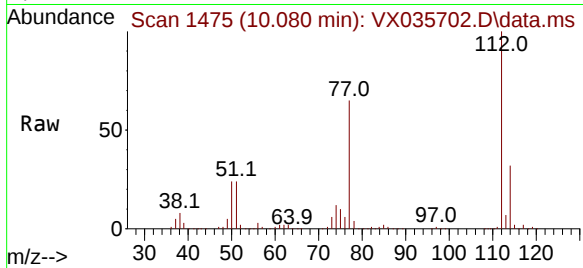




#65
Chlorobenzene
Concen: 44.873 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

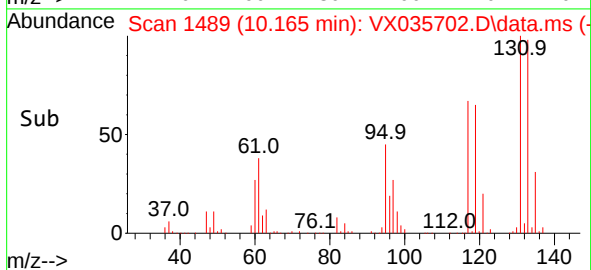
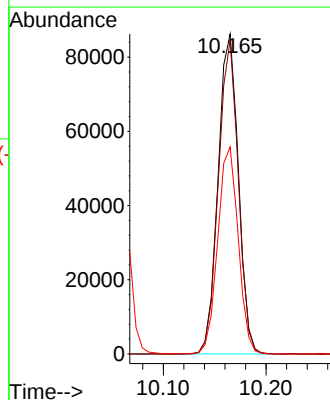
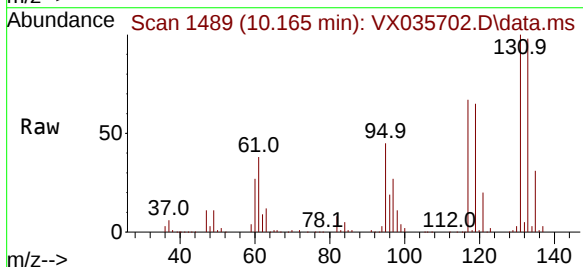
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

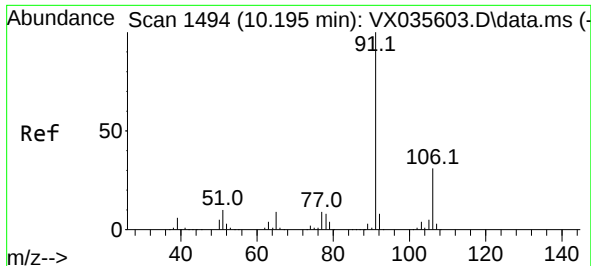
Tgt Ion:112 Resp: 323695
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.207 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion:131 Resp: 117857
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 65.4 32.6 98.0





#67

Ethyl Benzene

Concen: 45.713 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

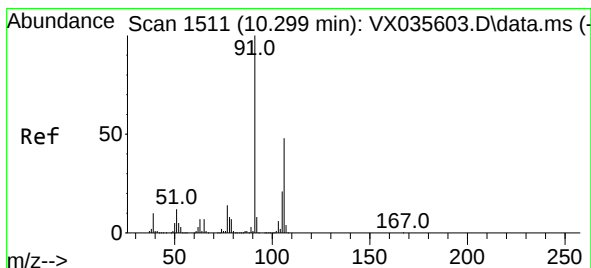
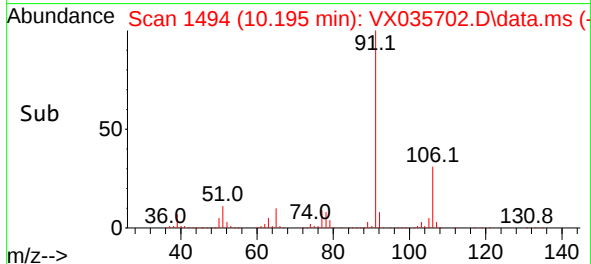
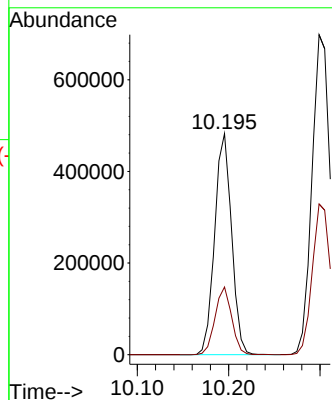
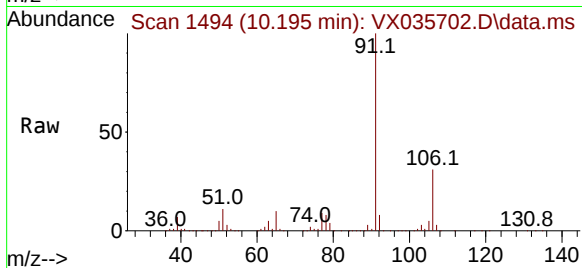
VSTDCCC050EC

Tgt Ion: 91 Resp: 620168

Ion Ratio Lower Upper

91 100

106 30.6 25.6 38.4



#68

m/p-Xylenes

Concen: 90.665 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX035702.D

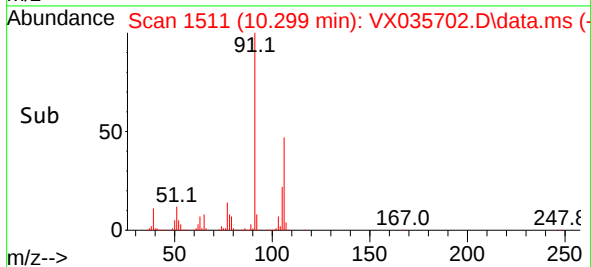
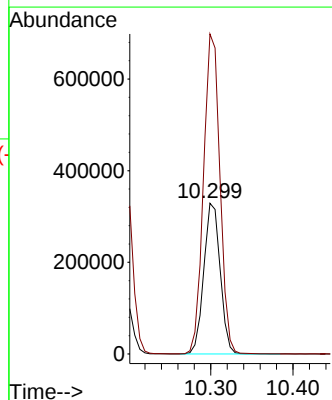
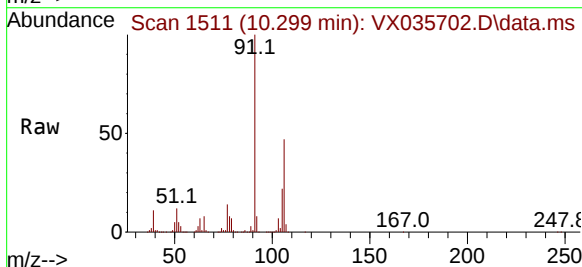
Acq: 16 May 2023 19:32

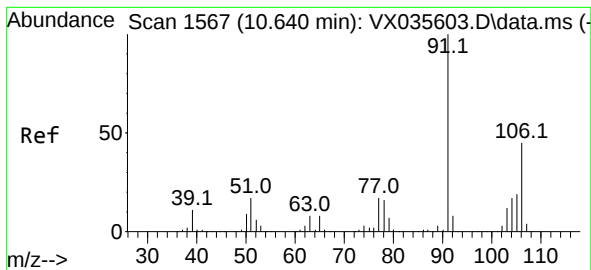
Tgt Ion: 106 Resp: 454659

Ion Ratio Lower Upper

106 100

91 213.4 164.0 246.0





#69

o-Xylene

Concen: 45.984 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

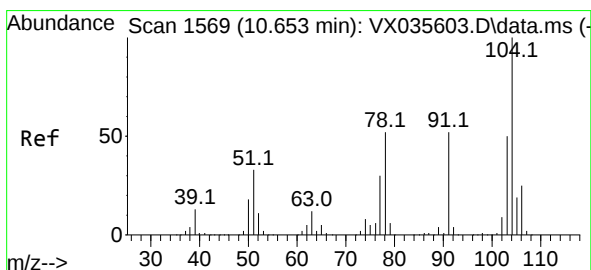
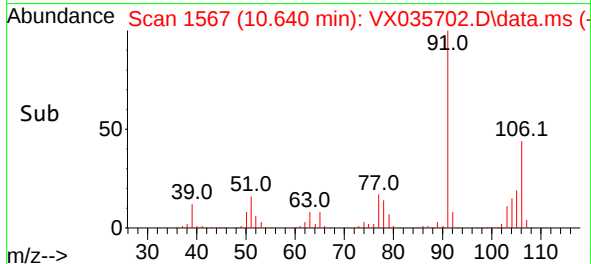
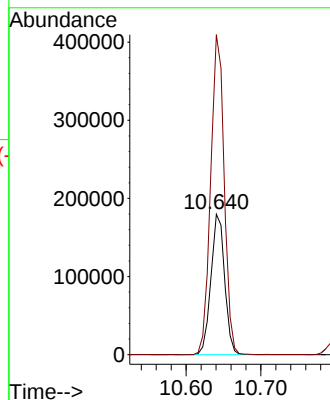
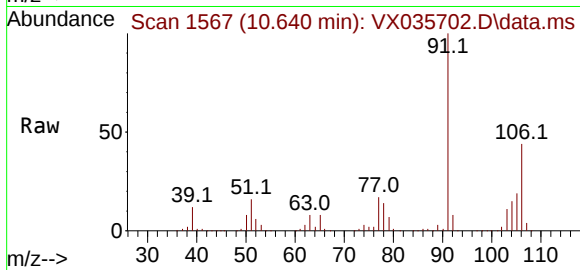
VSTDCCC050EC

Tgt Ion:106 Resp: 228822

Ion Ratio Lower Upper

106 100

91 225.1 108.5 325.3



#70

Styrene

Concen: 47.417 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

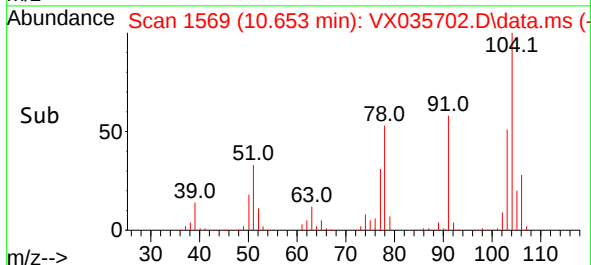
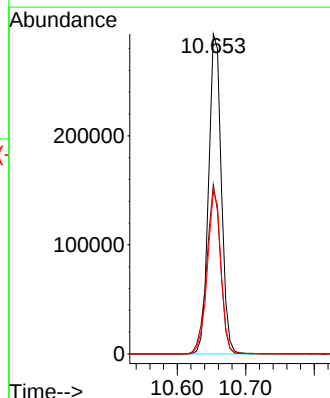
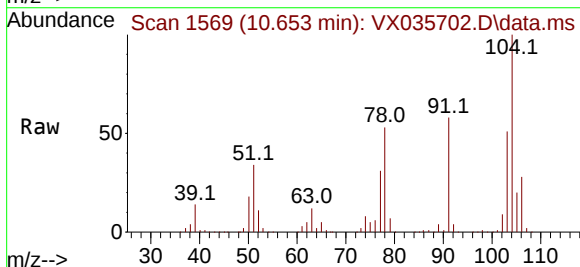
Tgt Ion:104 Resp: 380278

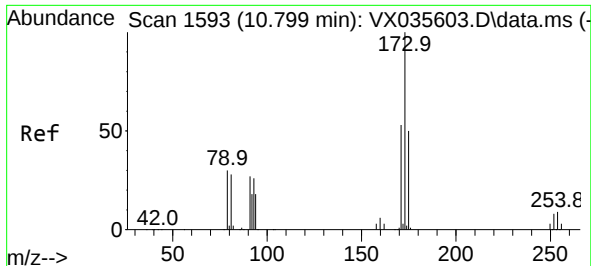
Ion Ratio Lower Upper

104 100

78 56.9 43.4 65.2

103 54.4 44.2 66.2

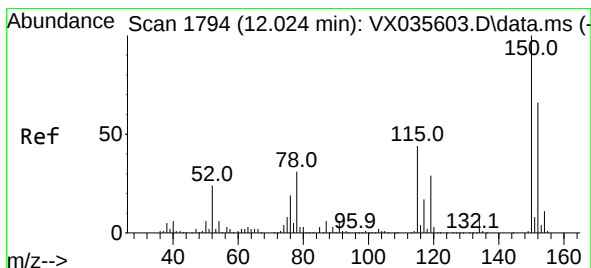
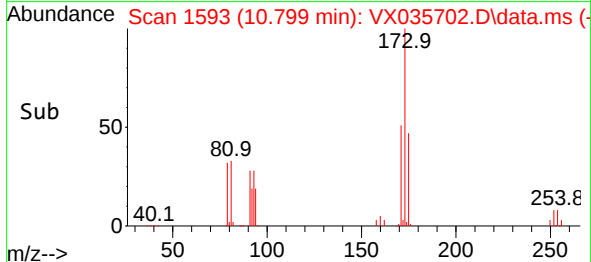
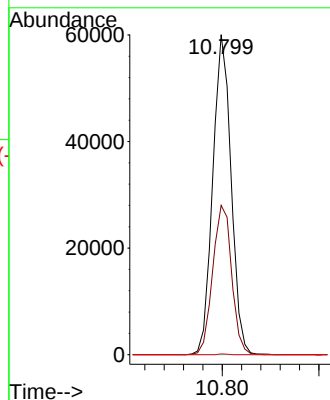
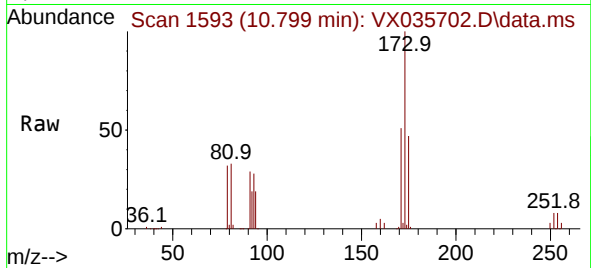




#71
Bromoform
Concen: 46.855 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

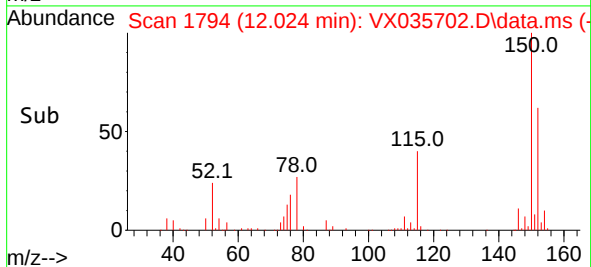
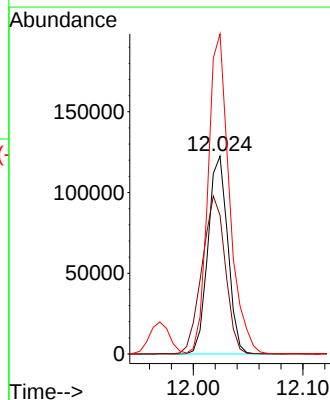
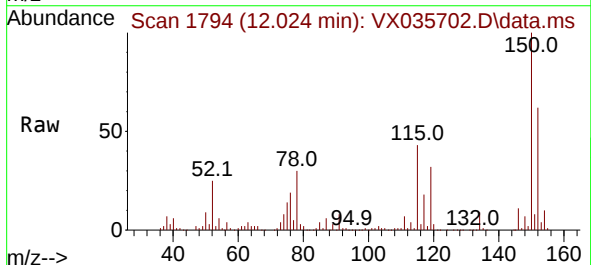
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

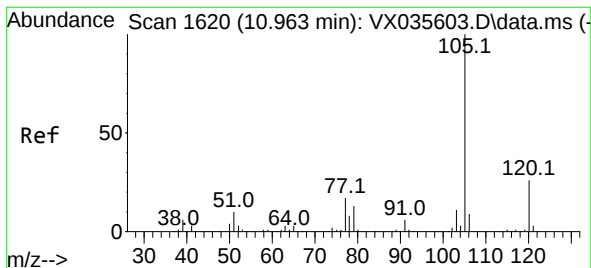
Tgt Ion:173 Resp: 78634
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion:152 Resp: 153051
Ion Ratio Lower Upper
152 100
115 94.4 45.0 135.0
150 175.1 0.0 352.4





#73

Isopropylbenzene

Concen: 46.505 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

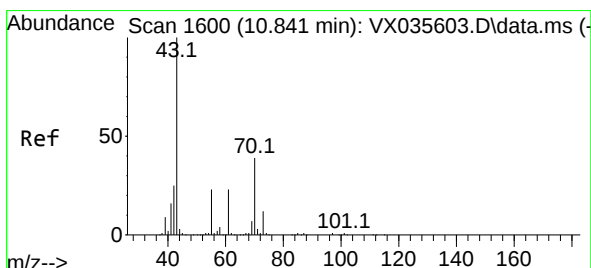
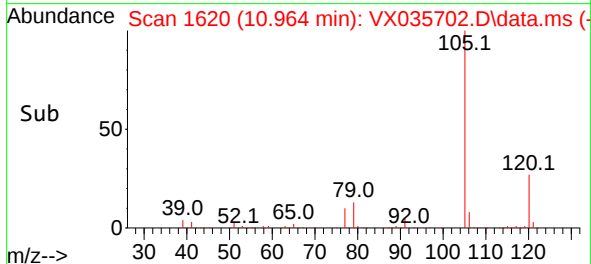
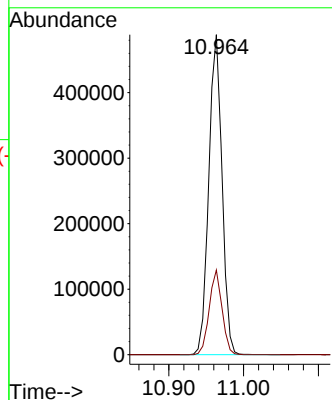
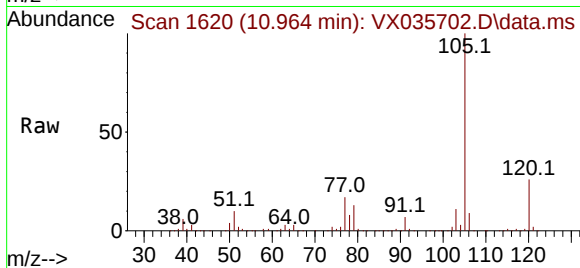
VSTDCCC050EC

Tgt Ion:105 Resp: 599770

Ion Ratio Lower Upper

105 100

120 25.6 13.3 39.9



#74

N-ethyl acetate

Concen: 47.531 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.001 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Tgt Ion: 43 Resp: 285816

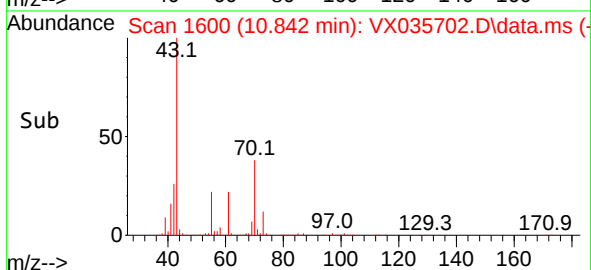
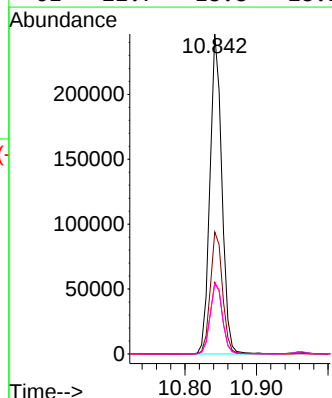
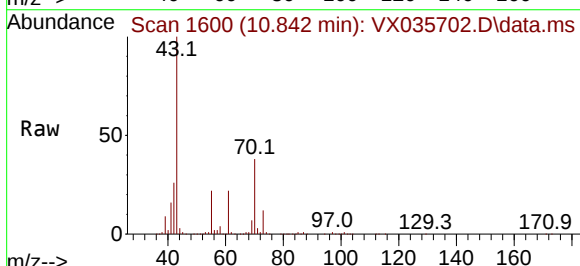
Ion Ratio Lower Upper

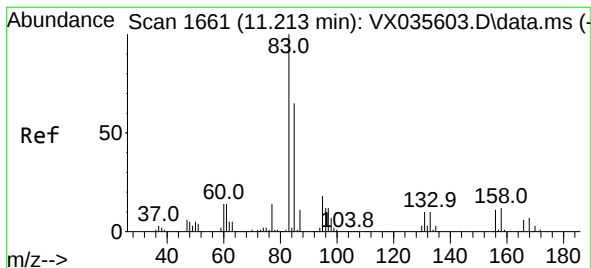
43 100

70 39.1 32.1 48.1

55 23.2 18.3 27.5

61 22.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.234 ug/l

RT: 11.214 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

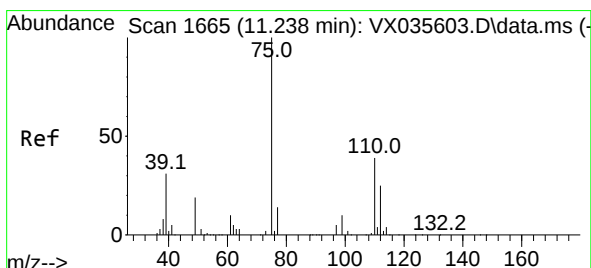
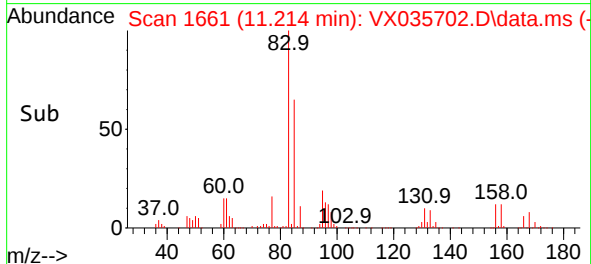
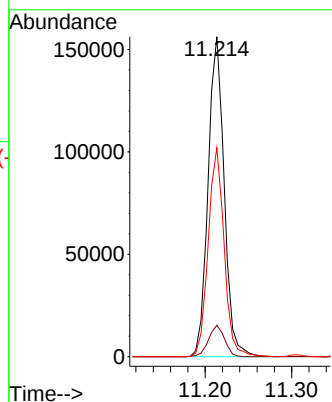
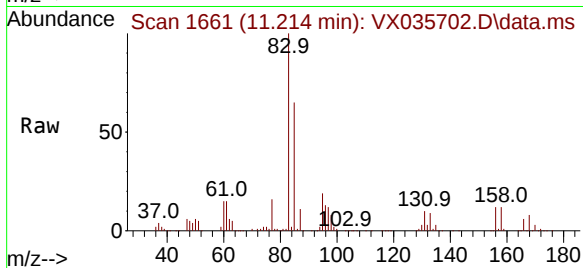
Tgt Ion: 83 Resp: 201796

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.3

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 61.317 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX035702.D

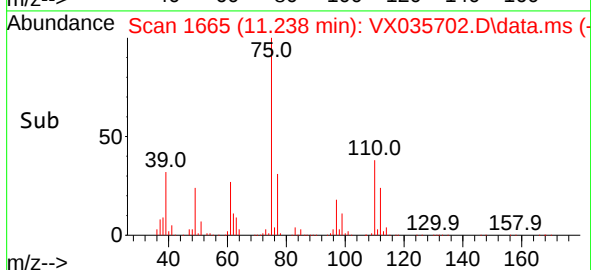
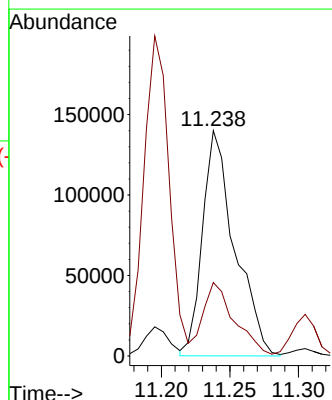
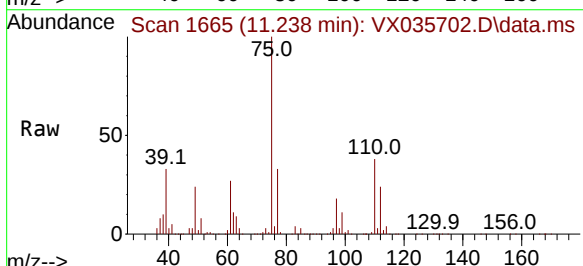
Acq: 16 May 2023 19:32

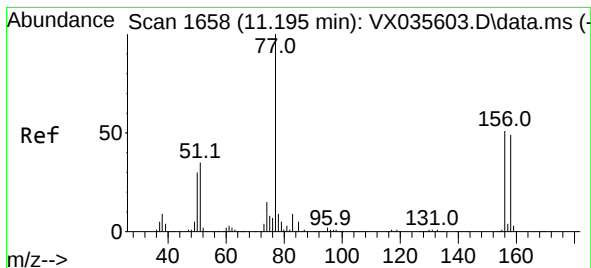
Tgt Ion: 75 Resp: 229551

Ion Ratio Lower Upper

75 100

77 32.1 21.6 64.8





#77

Bromobenzene

Concen: 45.123 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

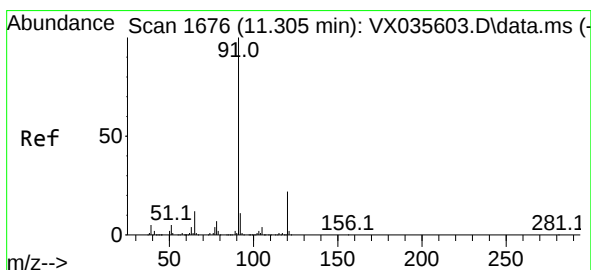
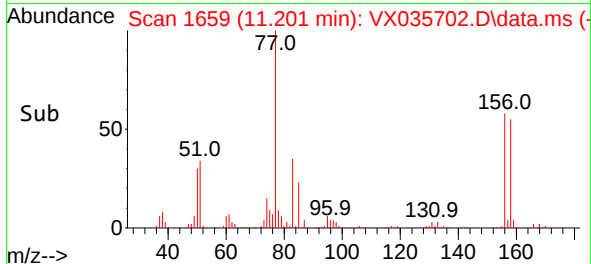
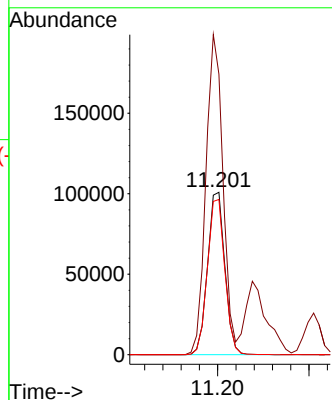
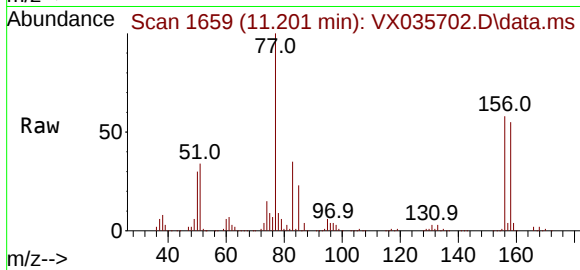
Tgt Ion:156 Resp: 132086

Ion Ratio Lower Upper

156 100

77 194.0 86.7 259.9

158 96.7 48.0 144.0



#78

n-propylbenzene

Concen: 46.599 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035702.D

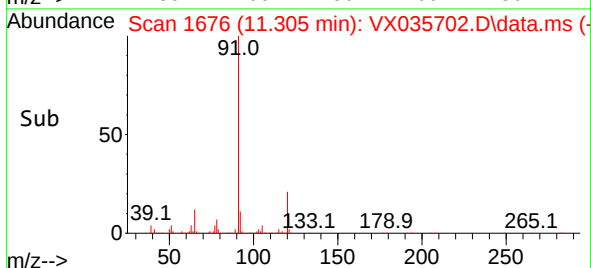
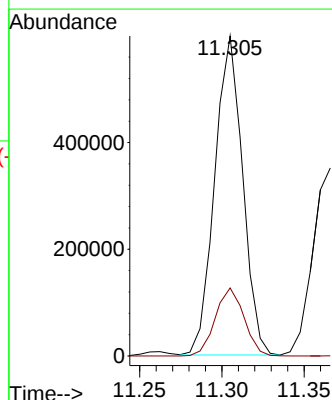
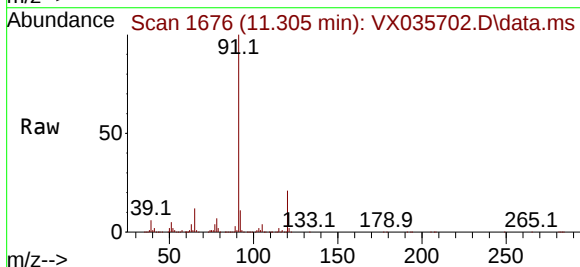
Acq: 16 May 2023 19:32

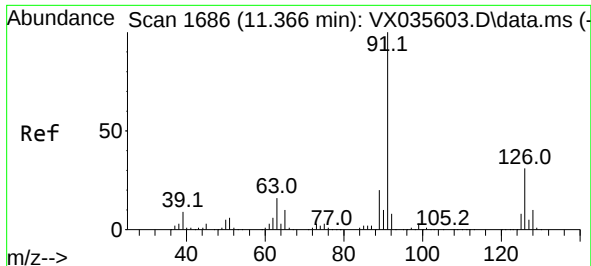
Tgt Ion: 91 Resp: 706454

Ion Ratio Lower Upper

91 100

120 21.9 11.5 34.5

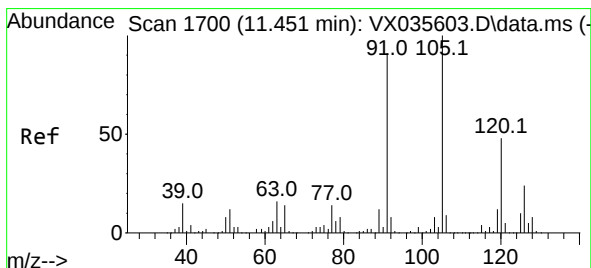
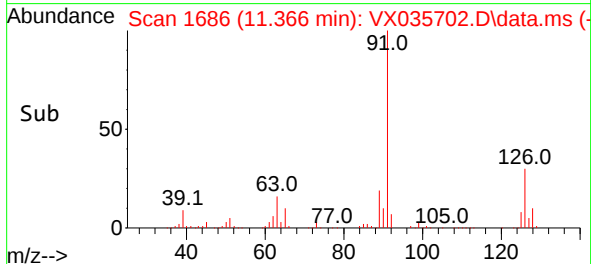
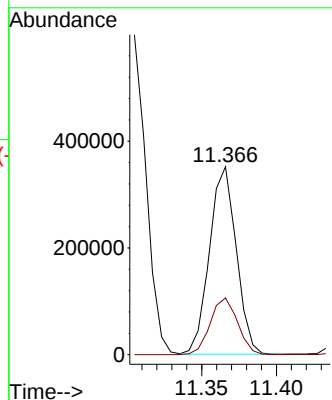
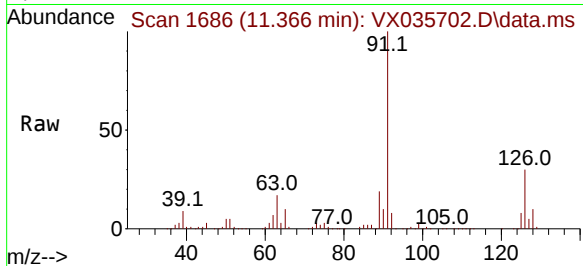




#79
2-Chlorotoluene
Concen: 46.221 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

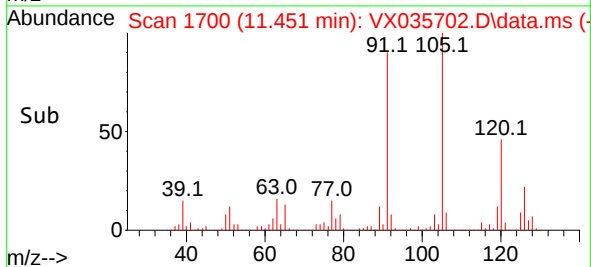
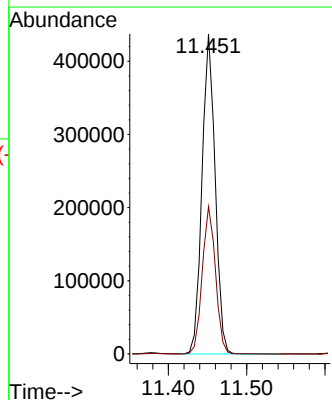
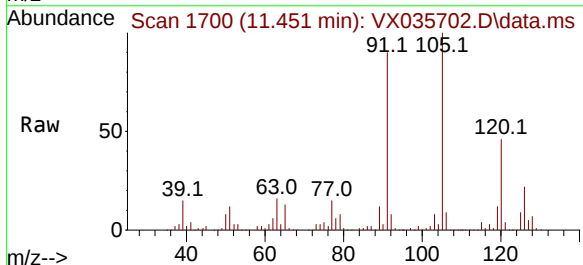
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

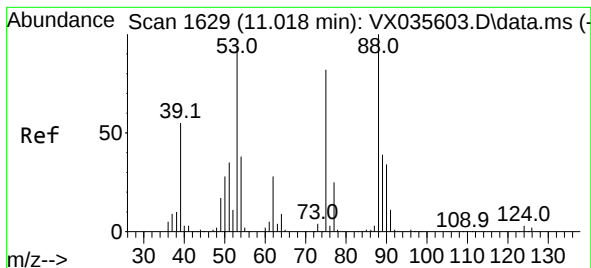
Tgt Ion: 91 Resp: 438718
Ion Ratio Lower Upper
91 100
126 30.9 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 46.330 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 105 Resp: 507845
Ion Ratio Lower Upper
105 100
120 46.5 23.7 71.1

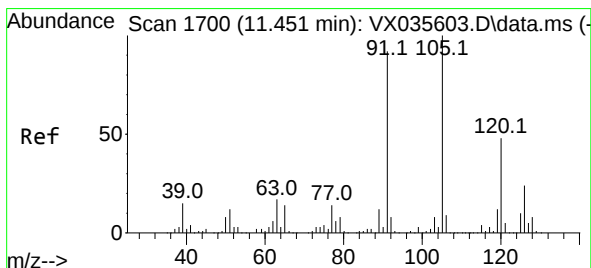
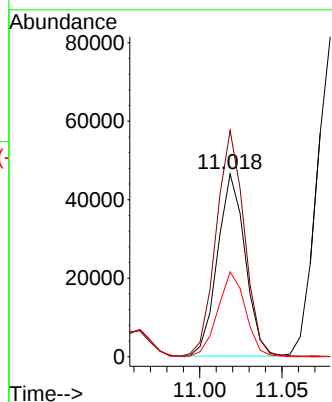
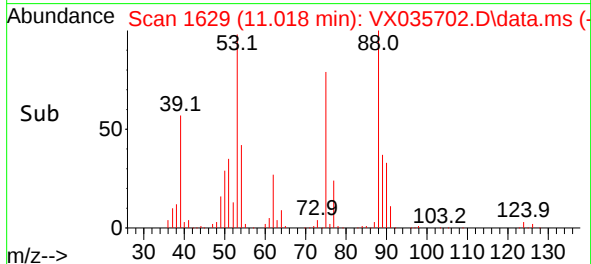
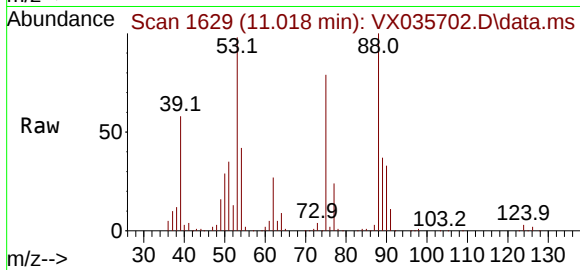




#81
trans-1,4-Dichloro-2-butene
Concen: 46.796 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

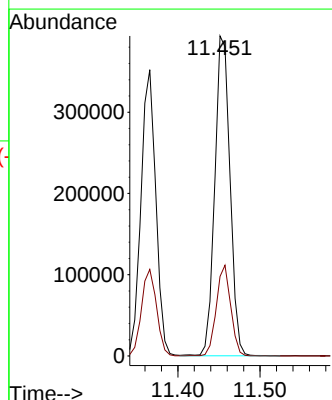
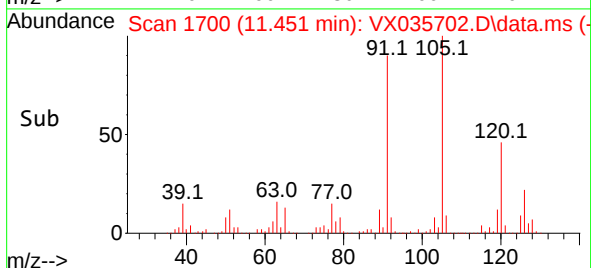
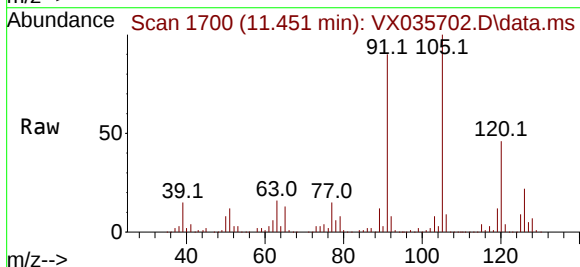
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

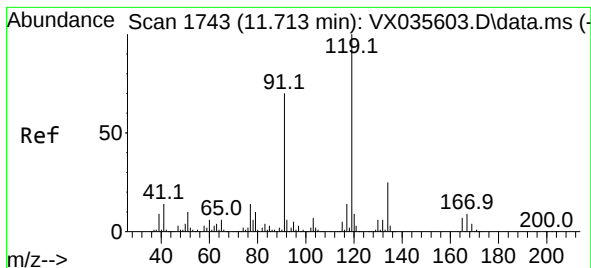
Tgt Ion: 75 Resp: 54358
Ion Ratio Lower Upper
75 100
53 126.1 82.6 124.0#
89 46.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 46.401 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035702.D
Acq: 16 May 2023 19:32

Tgt Ion: 91 Resp: 507222
Ion Ratio Lower Upper
91 100
126 26.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 46.081 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

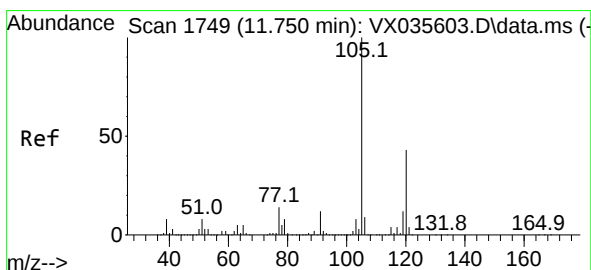
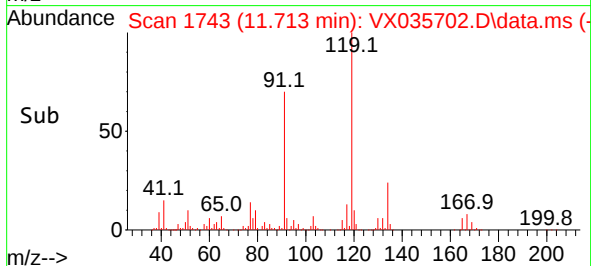
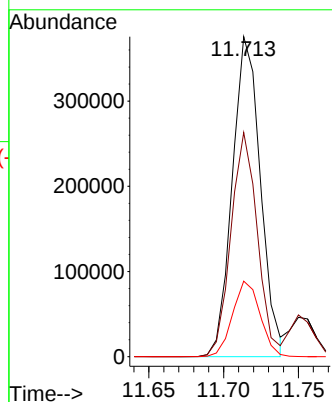
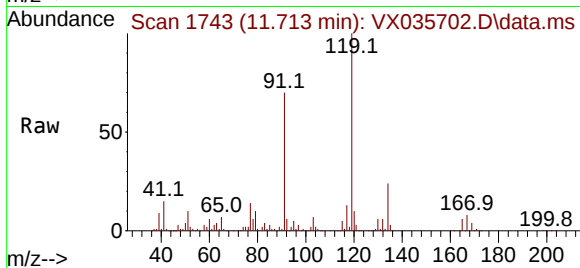
Tgt Ion:119 Resp: 490995

Ion Ratio Lower Upper

119 100

91 66.0 30.6 92.0

134 23.2 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 46.198 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035702.D

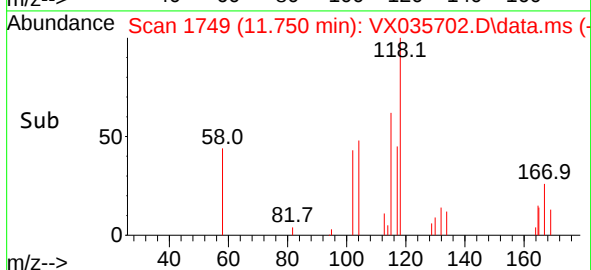
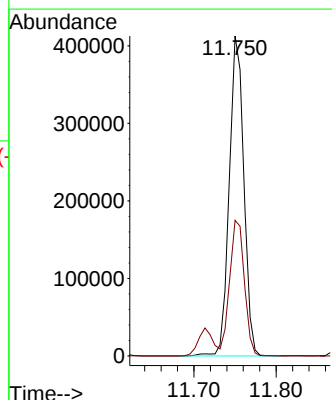
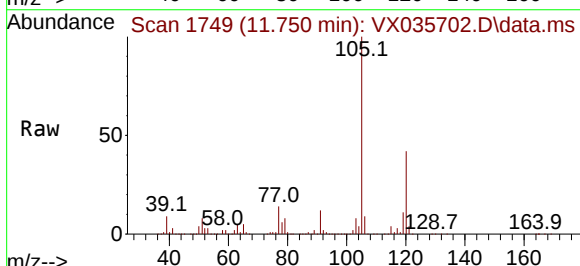
Acq: 16 May 2023 19:32

Tgt Ion:105 Resp: 508462

Ion Ratio Lower Upper

105 100

120 42.8 22.4 67.0

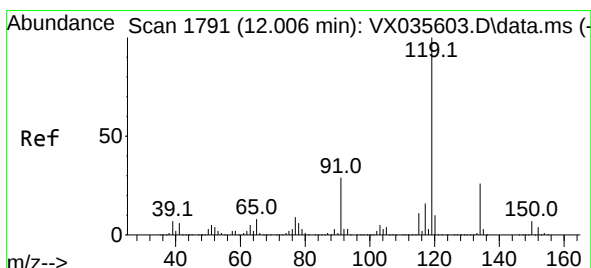
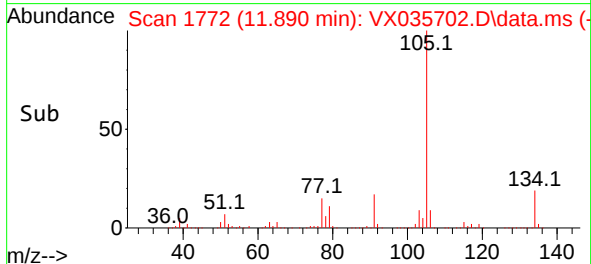
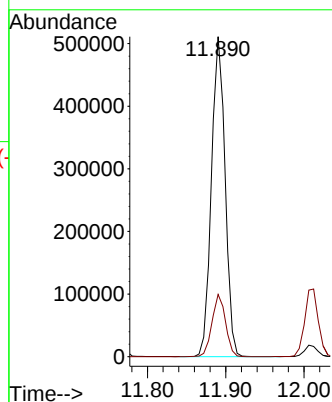
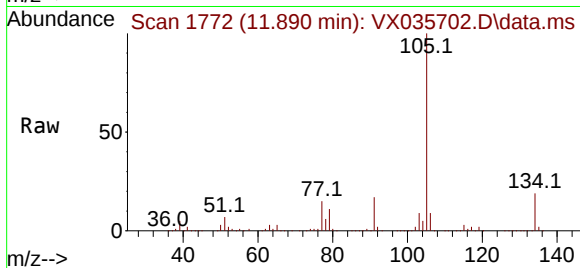




#85
 sec-Butylbenzene
 Concen: 46.201 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035702.D
 Acq: 16 May 2023 19:32

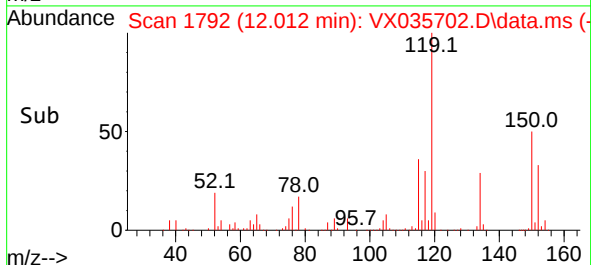
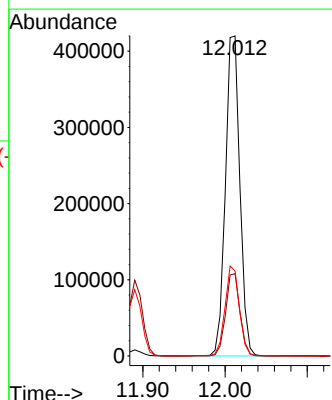
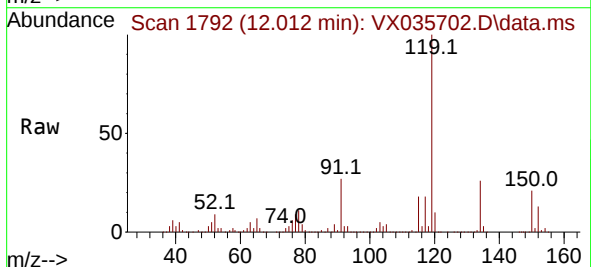
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

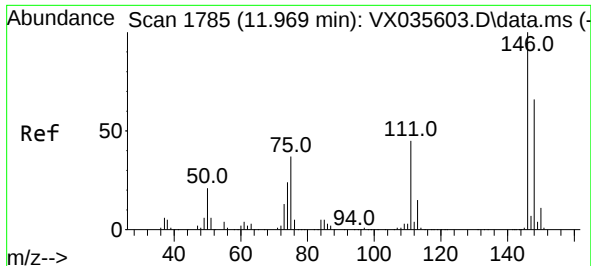
Tgt Ion:105 Resp: 618079
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 46.717 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035702.D
 Acq: 16 May 2023 19:32

Tgt Ion:119 Resp: 513807
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.2 39.5
 91 27.7 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 45.587 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

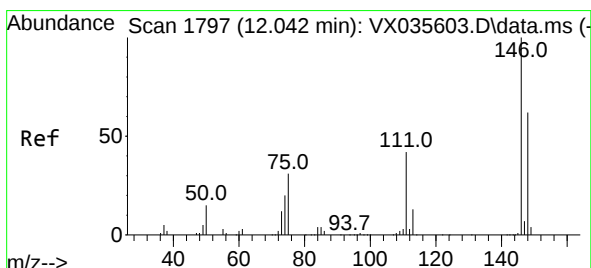
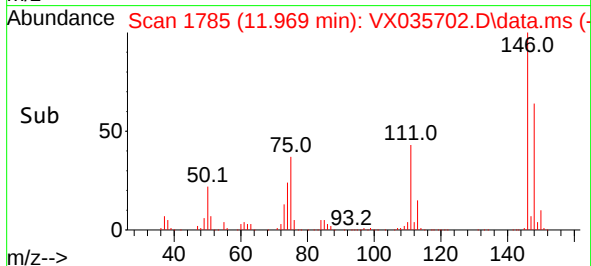
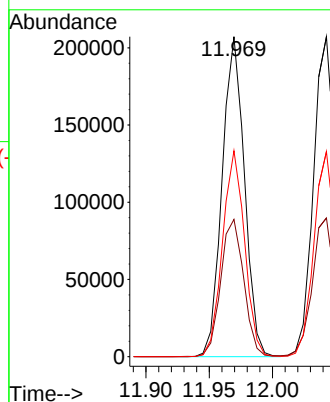
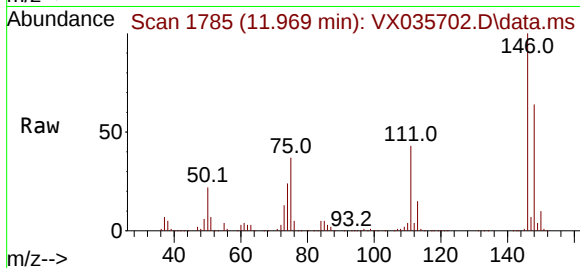
Tgt Ion:146 Resp: 253501

Ion Ratio Lower Upper

146 100

111 44.3 20.9 62.8

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 45.553 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

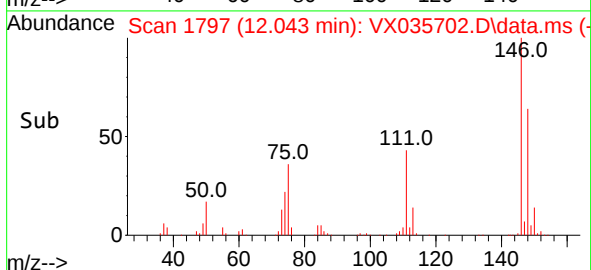
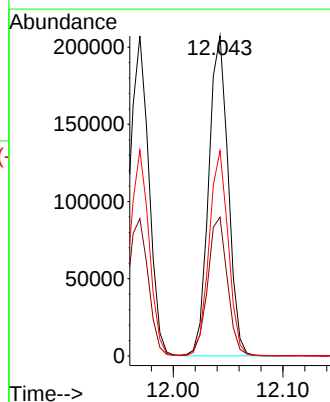
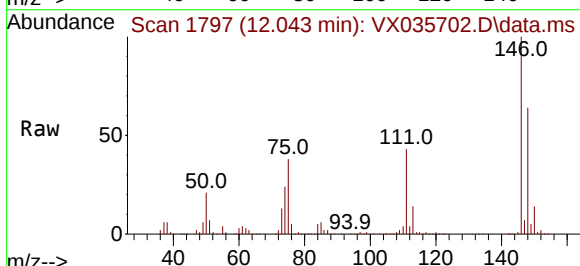
Tgt Ion:146 Resp: 255790

Ion Ratio Lower Upper

146 100

111 44.1 20.6 61.9

148 63.0 31.8 95.4





#89

n-Butylbenzene

Concen: 45.942 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

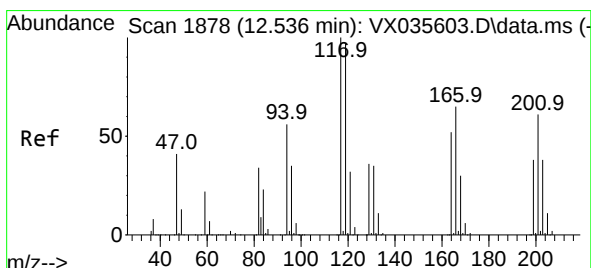
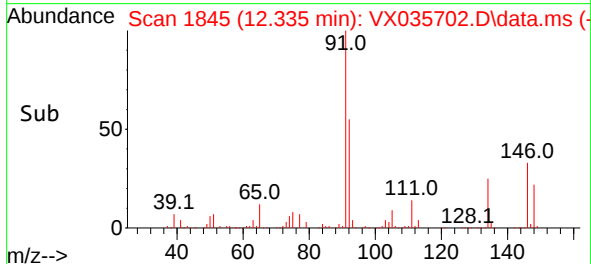
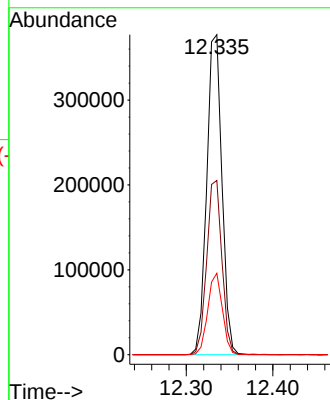
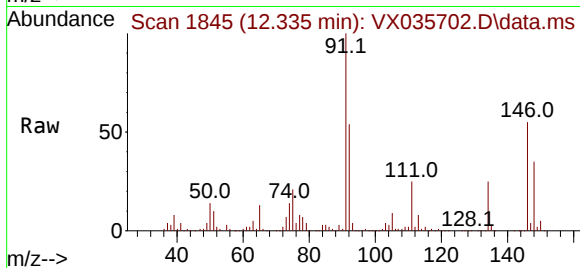
Tgt Ion: 91 Resp: 459651

Ion Ratio Lower Upper

91 100

92 54.3 27.7 83.0

134 24.5 13.0 38.9



#90

Hexachloroethane

Concen: 46.630 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035702.D

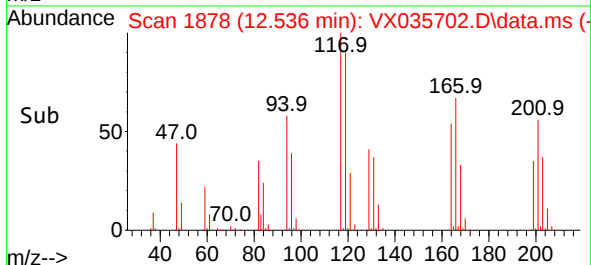
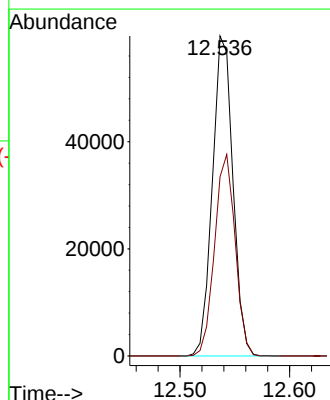
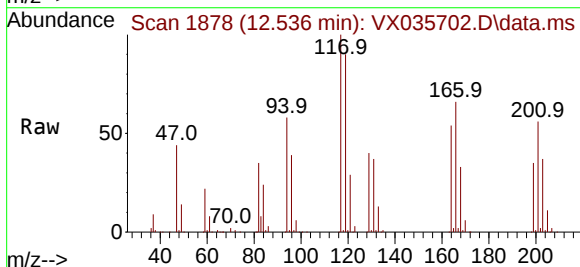
Acq: 16 May 2023 19:32

Tgt Ion: 117 Resp: 77732

Ion Ratio Lower Upper

117 100

201 63.1 34.4 103.1





#91

1,2-Dichlorobenzene

Concen: 45.838 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

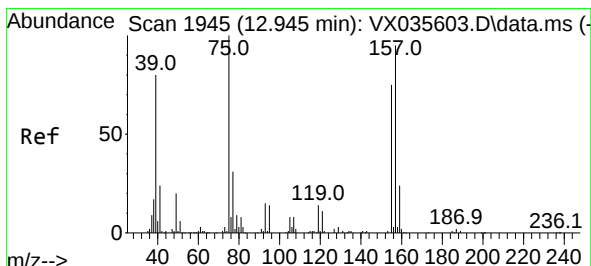
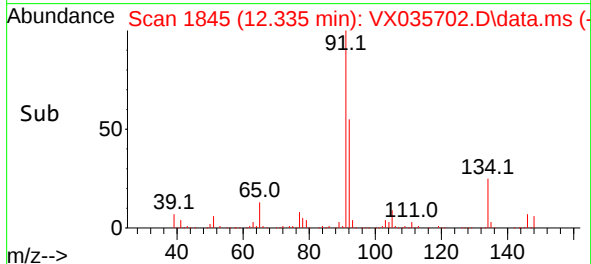
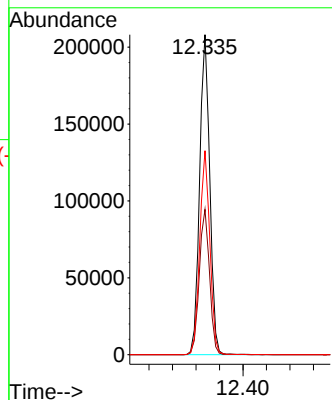
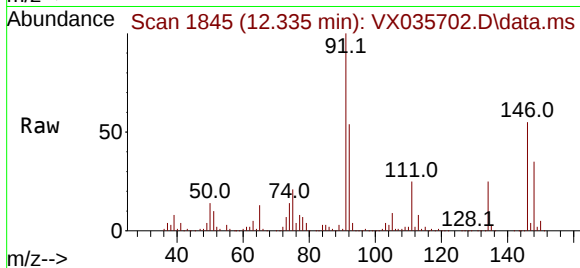
Tgt Ion:146 Resp: 249609

Ion Ratio Lower Upper

146 100

111 45.9 22.0 66.0

148 63.6 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.323 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

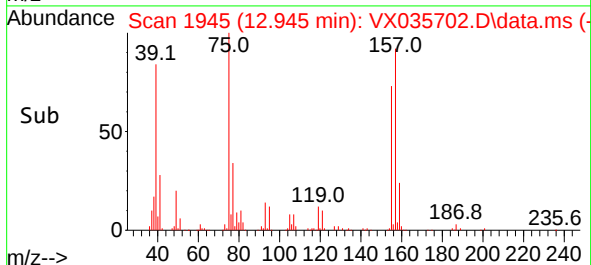
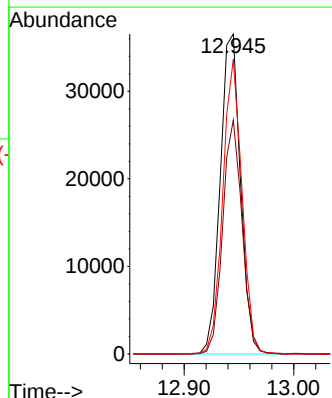
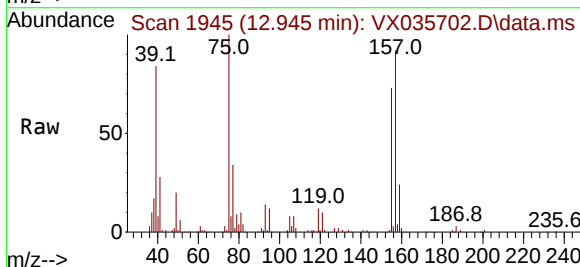
Tgt Ion: 75 Resp: 46882

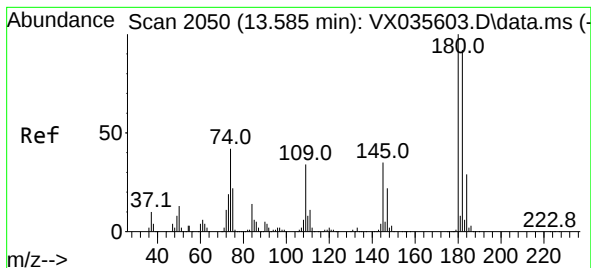
Ion Ratio Lower Upper

75 100

155 70.1 38.4 115.1

157 87.4 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 46.124 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

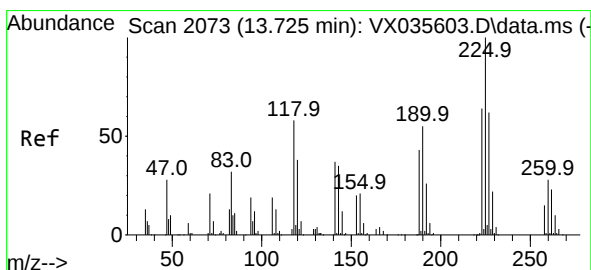
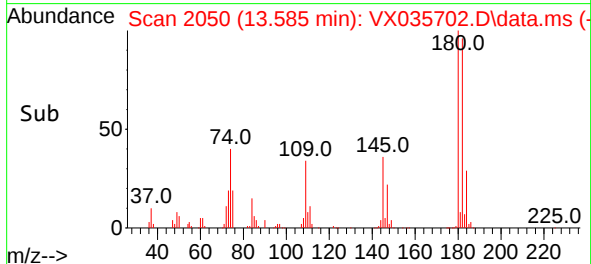
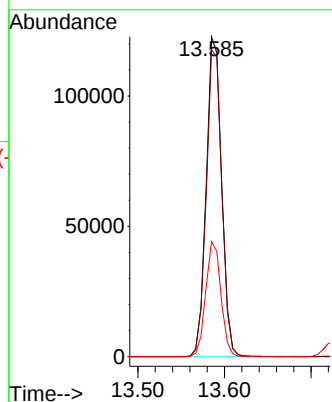
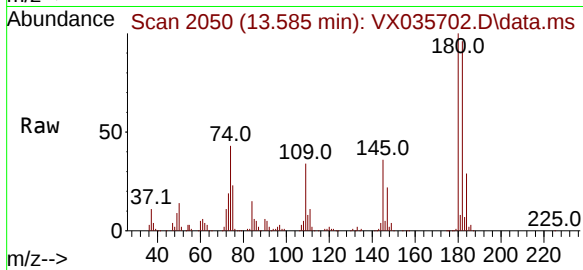
Tgt Ion:180 Resp: 151231

Ion Ratio Lower Upper

180 100

182 96.8 47.0 141.0

145 35.7 15.9 47.7



#94

Hexachlorobutadiene

Concen: 43.548 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

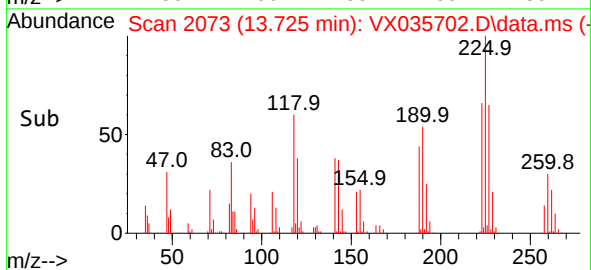
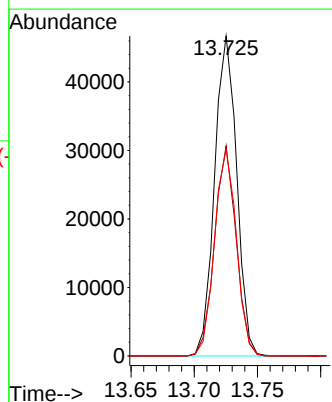
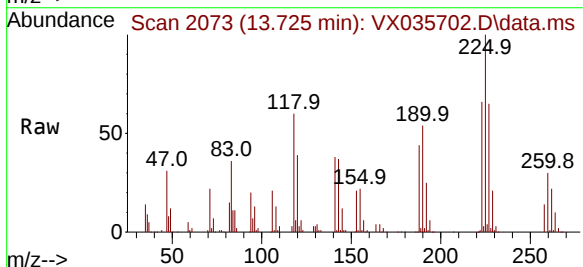
Tgt Ion:225 Resp: 56674

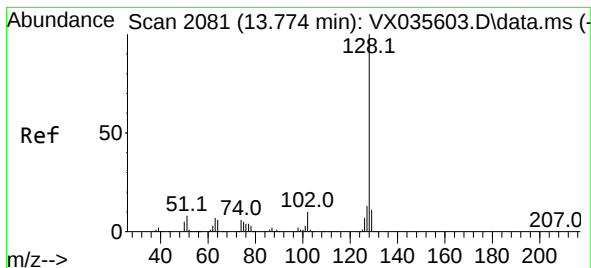
Ion Ratio Lower Upper

225 100

223 63.9 32.1 96.5

227 64.0 31.8 95.4





#95

Naphthalene

Concen: 48.845 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

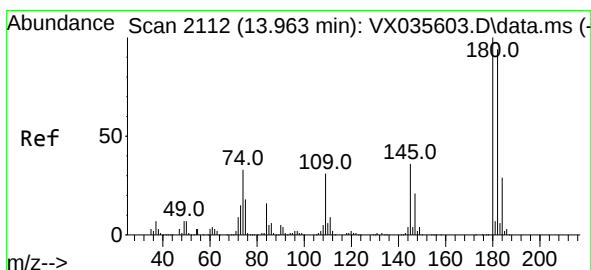
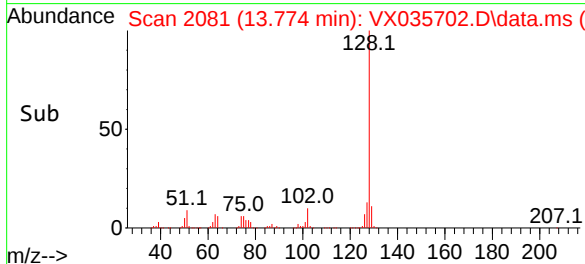
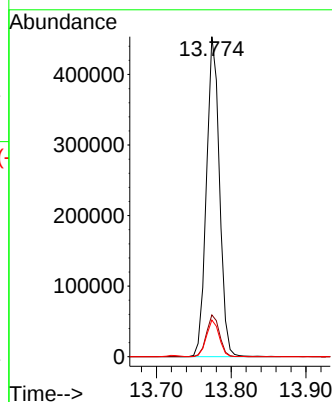
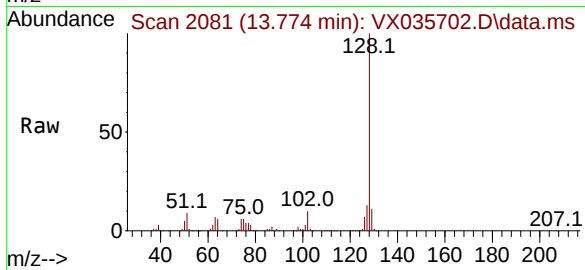
Tgt Ion:128 Resp: 548456

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.670 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX035702.D

Acq: 16 May 2023 19:32

Tgt Ion:180 Resp: 150496

Ion Ratio Lower Upper

180 100

182 94.4 48.0 144.2

145 37.0 17.7 53.1

