

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
 Data File : VX028811.D
 Acq On : 18 May 2022 17:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 19 01:36:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	222587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	365351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174996	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	148678	48.729	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.460%
35) Dibromofluoromethane	5.385	113	121835	50.898	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.800%
50) Toluene-d8	8.647	98	452630	50.154	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.300%
62) 4-Bromofluorobenzene	11.079	95	175788	52.150	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.300%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	136920	46.978	ug/l	98
3) Chloromethane	1.288	50	127345	46.395	ug/l	100
4) Vinyl Chloride	1.374	62	140191	47.394	ug/l	99
5) Bromomethane	1.599	94	85524	39.753	ug/l	99
6) Chloroethane	1.678	64	96687	51.977	ug/l	98
7) Trichlorofluoromethane	1.886	101	267637	56.751	ug/l	98
8) Diethyl Ether	2.130	74	89898	52.315	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	140870	56.764	ug/l	98
10) Methyl Iodide	2.447	142	167960	56.530	ug/l	92
11) Tert butyl alcohol	2.959	59	153751	237.032	ug/l	98
12) 1,1-Dichloroethene	2.319	96	127107	55.176	ug/l	97
13) Acrolein	2.233	56	106562	212.779	ug/l	97
14) Allyl chloride	2.660	41	200436	54.248	ug/l	88
15) Acrylonitrile	3.062	53	355342	241.720	ug/l	99
16) Acetone	2.380	43	333442	254.637	ug/l	92
17) Carbon Disulfide	2.508	76	298717	50.022	ug/l	100
18) Methyl Acetate	2.703	43	173310	52.843	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	412220	50.425	ug/l	100
20) Methylene Chloride	2.788	84	146177	53.209	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	125575	48.394	ug/l	99
22) Diisopropyl ether	3.757	45	381939	48.373	ug/l #	84
23) Vinyl Acetate	3.721	43	1681257	247.000	ug/l	97
24) 1,1-Dichloroethane	3.605	63	223494	48.689	ug/l	99
25) 2-Butanone	4.556	43	469859	228.591	ug/l	96
26) 2,2-Dichloropropane	4.477	77	182872	50.811	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	145257	47.930	ug/l	99
28) Bromochloromethane	4.897	49	92052	47.643	ug/l	96
29) Tetrahydrofuran	5.001	42	304435	227.858	ug/l	93
30) Chloroform	5.092	83	242063	48.726	ug/l	97
31) Cyclohexane	5.470	56	197732	46.688	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	212537	49.007	ug/l	98
36) 1,1-Dichloropropene	5.696	75	176525	49.098	ug/l	99
37) Ethyl Acetate	4.708	43	186102	49.558	ug/l	97
38) Carbon Tetrachloride	5.678	117	183421	50.693	ug/l	98
39) Methylcyclohexane	7.379	83	212269	51.482	ug/l	97
40) Benzene	6.037	78	508165	49.179	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	100507	49.917	ug/l	93
42) 1,2-Dichloroethane	6.086	62	192677	50.553	ug/l	98
43) Isopropyl Acetate	6.342	43	297081	50.568	ug/l	95
44) Trichloroethene	7.123	130	142106	50.709	ug/l	98
45) 1,2-Dichloropropane	7.427	63	130112	50.469	ug/l	96
46) Dibromomethane	7.580	93	95185	49.440	ug/l	94
47) Bromodichloromethane	7.824	83	180102	50.386	ug/l	99
48) Methyl methacrylate	7.690	41	144934	51.069	ug/l	87
49) 1,4-Dioxane	7.659	88	61525	867.785	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	953786	246.472	ug/l	94
52) Toluene	8.720	92	334224	50.282	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	192607	46.916	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	211411	52.564	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	143172	52.823	ug/l	97
56) Ethyl methacrylate	9.116	69	225734	54.997	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	229127	50.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	528833	263.166	ug/l	99
59) 2-Hexanone	9.433	43	739533	245.977	ug/l	91
60) Dibromochloromethane	9.525	129	137302	51.942	ug/l	97
61) 1,2-Dibromoethane	9.610	107	146519	51.468	ug/l	100
64) Tetrachloroethene	9.275	164	130631	51.392	ug/l	98
65) Chlorobenzene	10.079	112	361372	50.608	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	132501	52.382	ug/l	99
67) Ethyl Benzene	10.195	91	656841	51.320	ug/l	99
68) m/p-Xylenes	10.305	106	518107	103.976	ug/l	99
69) o-Xylene	10.640	106	251072	51.177	ug/l	97
70) Styrene	10.659	104	422743	53.061	ug/l	98
71) Bromoform	10.799	173	95582	45.761	ug/l #	99
73) Isopropylbenzene	10.963	105	661490	49.845	ug/l	99
74) N-amyl acetate	10.841	43	264046	50.616	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	220570	48.448	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	242154	59.087	ug/l	90
77) Bromobenzene	11.201	156	159613	50.832	ug/l	98
78) n-propylbenzene	11.305	91	775140	50.495	ug/l	100
79) 2-Chlorotoluene	11.366	91	465049	49.428	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	565982	51.184	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	59813	44.040	ug/l #	85
82) 4-Chlorotoluene	11.457	91	542427	49.870	ug/l	100
83) tert-Butylbenzene	11.719	119	556749	52.002	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	568577	51.275	ug/l	99
85) sec-Butylbenzene	11.890	105	697060	52.782	ug/l	100
86) p-Isopropyltoluene	12.012	119	595605	53.746	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	327110	53.111	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	308782	48.335	ug/l	99
89) n-Butylbenzene	12.335	91	516567	53.799	ug/l	99
90) Hexachloroethane	12.542	117	95109	53.072	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	307561	50.834	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47955	49.330	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	185575	53.105	ug/l	98
94) Hexachlorobutadiene	13.725	225	78152	55.050	ug/l	91
95) Naphthalene	13.774	128	650531	52.314	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	209486	59.687	ug/l	95

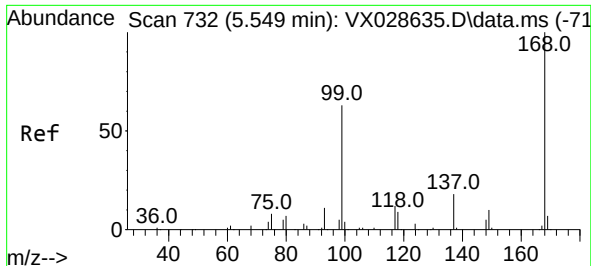
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Response via : Initial Calibration

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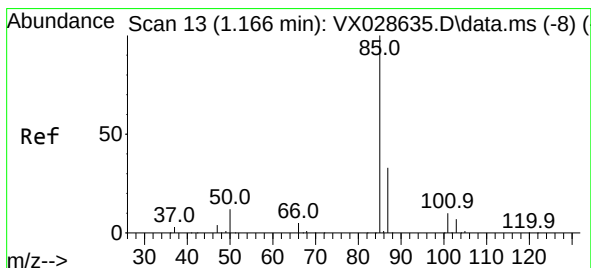
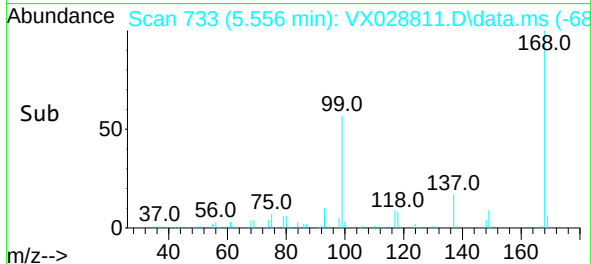
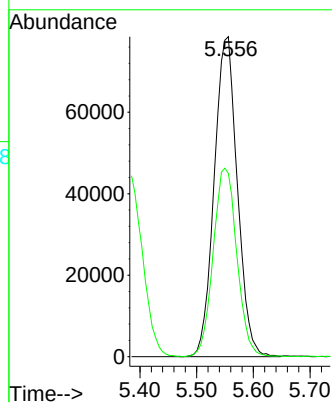
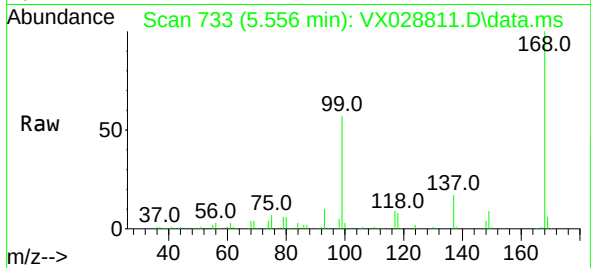
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028811.D
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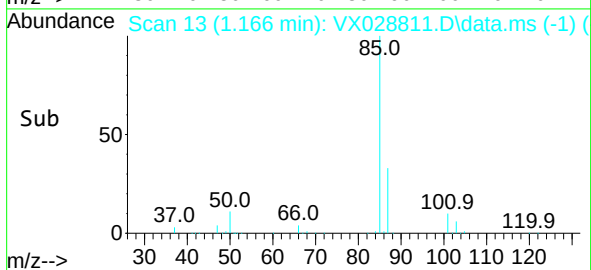
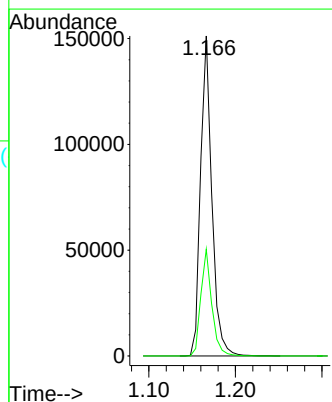
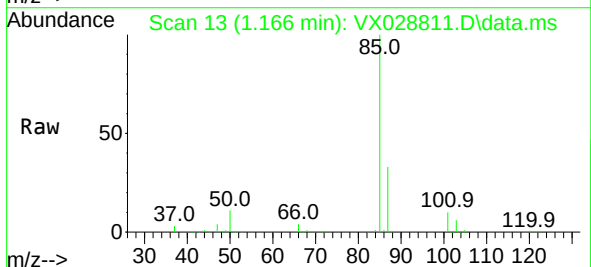
Instrument :
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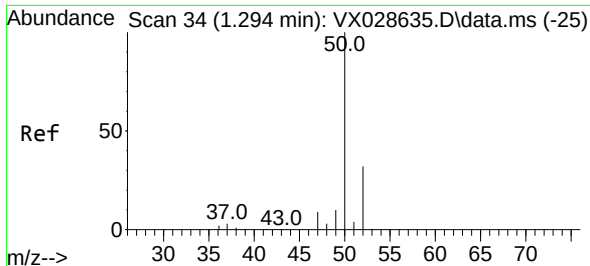
Tgt Ion:168 Resp: 222587
Ion Ratio Lower Upper
168 100
99 57.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 46.978 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 85 Resp: 136920
Ion Ratio Lower Upper
85 100
87 33.4 16.2 48.6

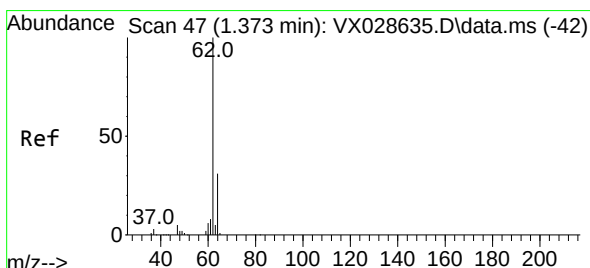
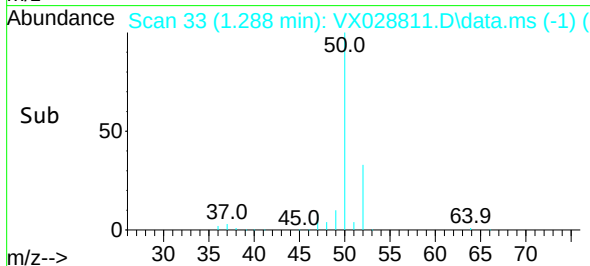
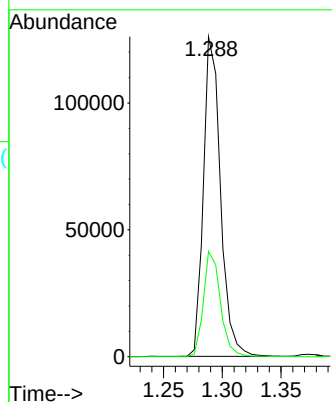
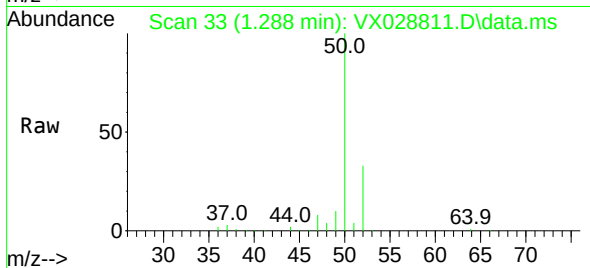




#3
Chloromethane
Concen: 46.395 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

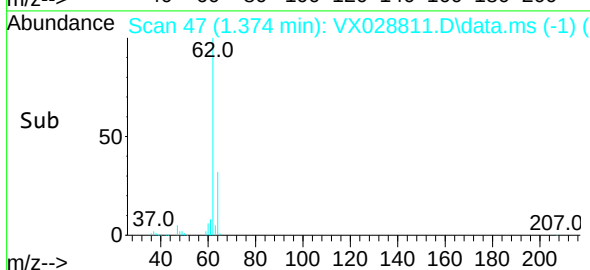
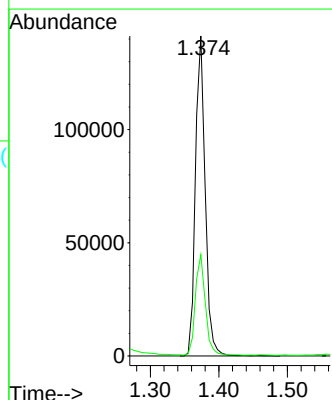
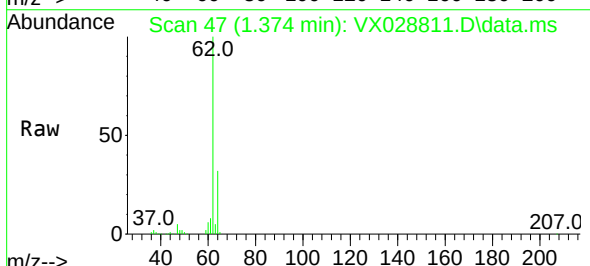
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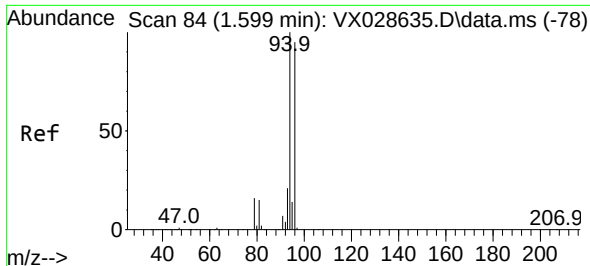
Tgt Ion: 50 Resp: 127345
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6



#4
Vinyl Chloride
Concen: 47.394 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 62 Resp: 140191
Ion Ratio Lower Upper
62 100
64 31.4 25.5 38.3

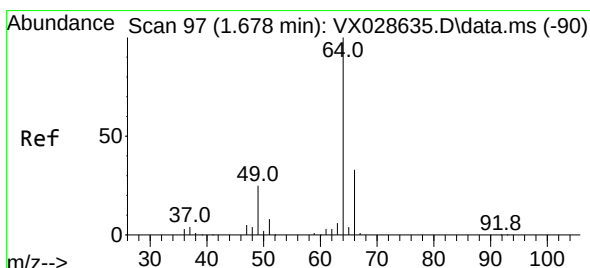
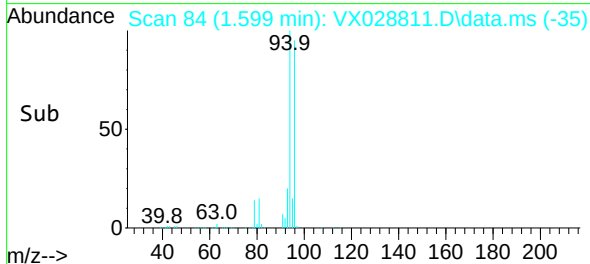
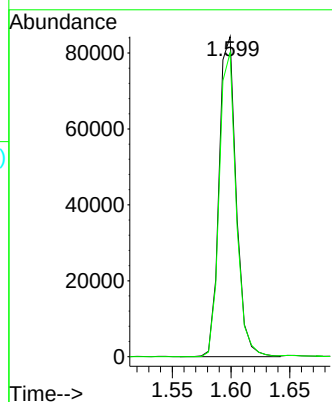
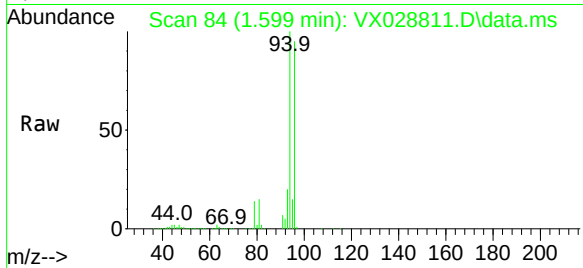




#5
 Bromomethane
 Concen: 39.753 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX028811.D
 Acq: 18 May 2022 17:32

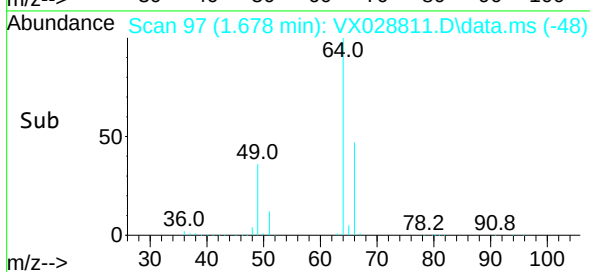
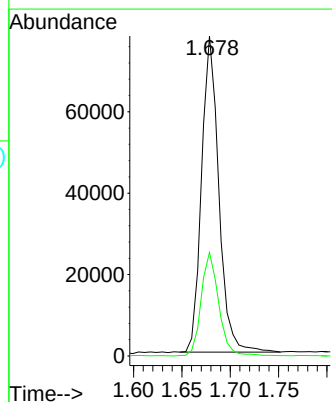
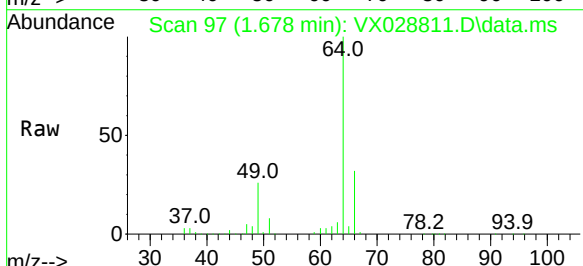
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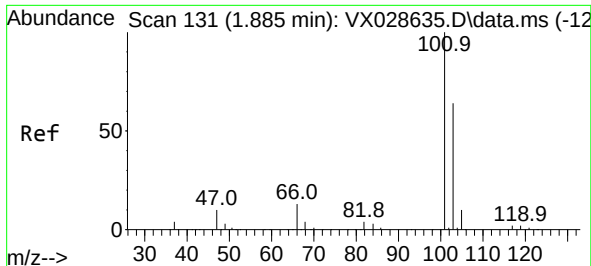
Tgt Ion: 94 Resp: 85524
 Ion Ratio Lower Upper
 94 100
 96 95.0 75.3 112.9



#6
 Chloroethane
 Concen: 51.977 ug/l
 RT: 1.678 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VX028811.D
 Acq: 18 May 2022 17:32

Tgt Ion: 64 Resp: 96687
 Ion Ratio Lower Upper
 64 100
 66 32.7 25.3 37.9

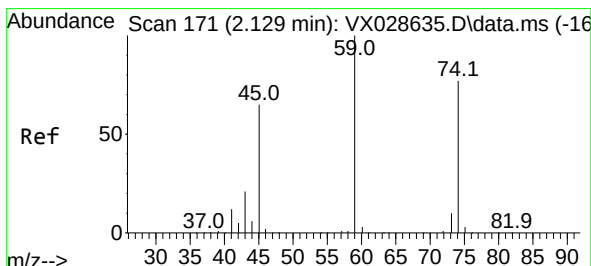
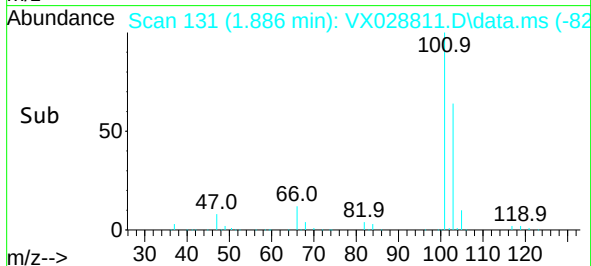
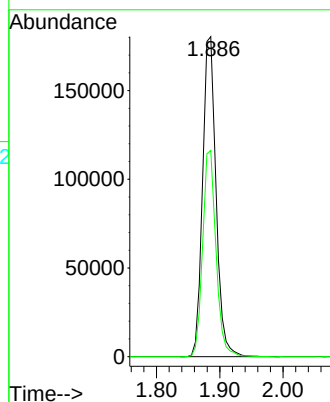
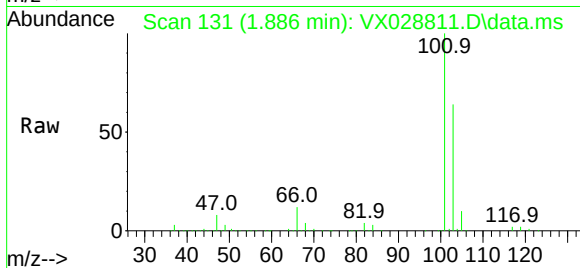




#7
Trichlorofluoromethane
Concen: 56.751 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

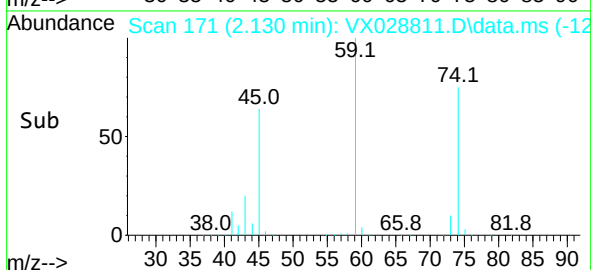
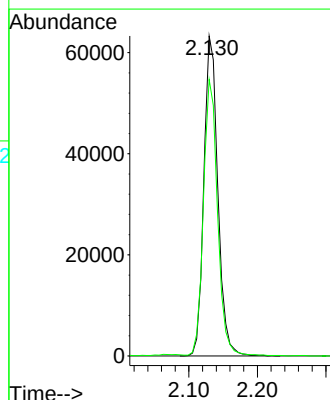
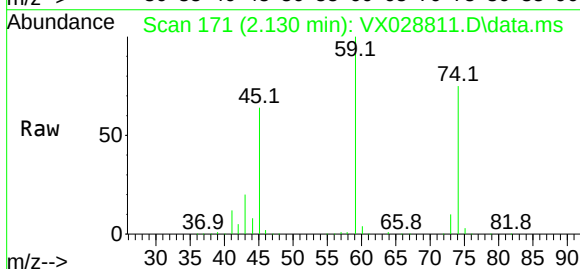
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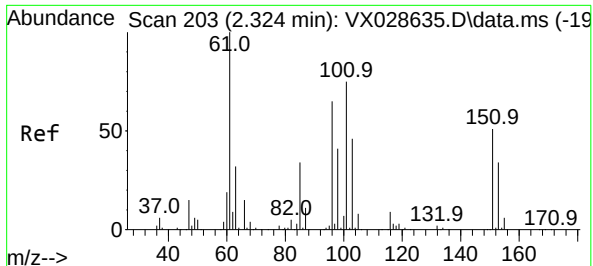
Tgt Ion:101 Resp: 267637
Ion Ratio Lower Upper
101 100
103 64.5 50.5 75.7



#8
Diethyl Ether
Concen: 52.315 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 74 Resp: 89898
Ion Ratio Lower Upper
74 100
45 88.0 42.0 126.0

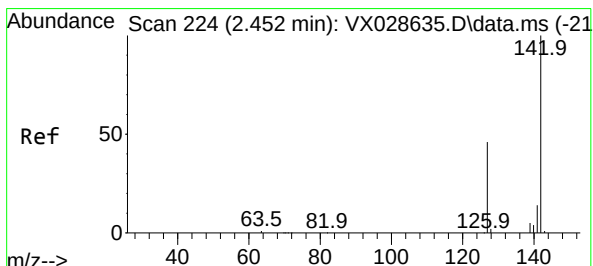
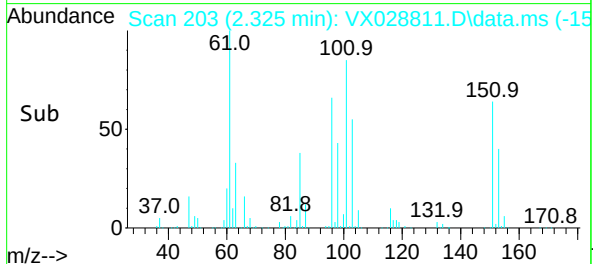
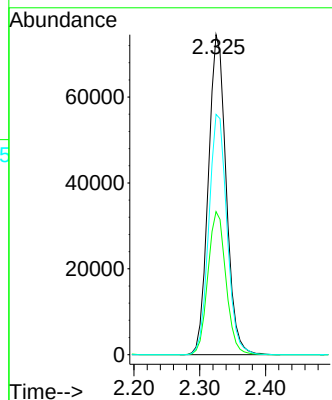
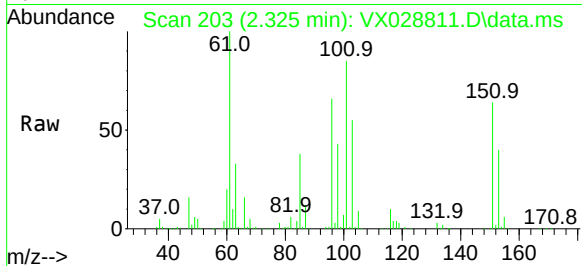




#9
1,1,2-Trichlorotrifluoroethane
Concen: 56.764 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
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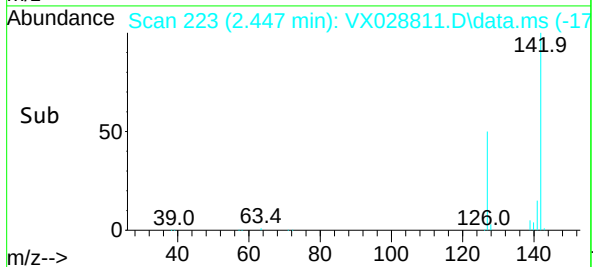
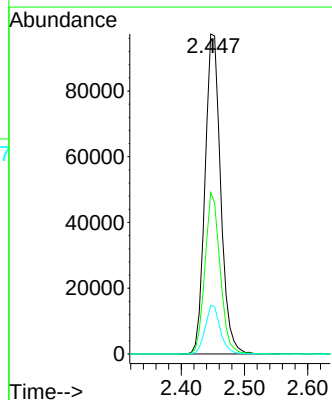
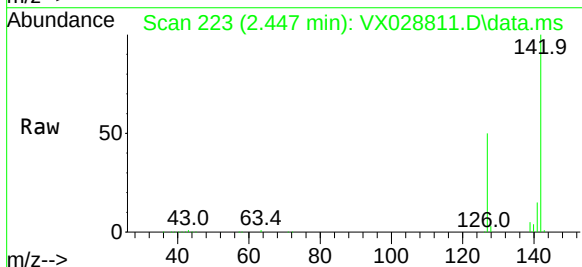
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

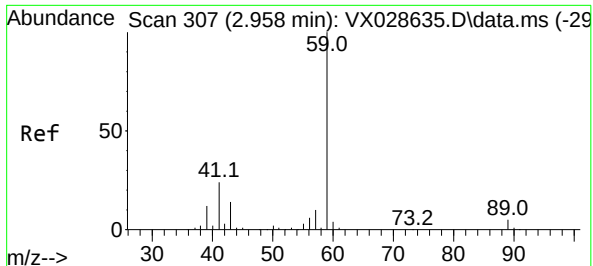
Tgt Ion:101 Resp: 140870
Ion Ratio Lower Upper
101 100
85 45.0 33.5 50.3
151 76.3 61.8 92.6



#10
Methyl Iodide
Concen: 56.530 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.005 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion:142 Resp: 167960
Ion Ratio Lower Upper
142 100
127 48.9 33.9 50.9
141 14.6 11.4 17.2

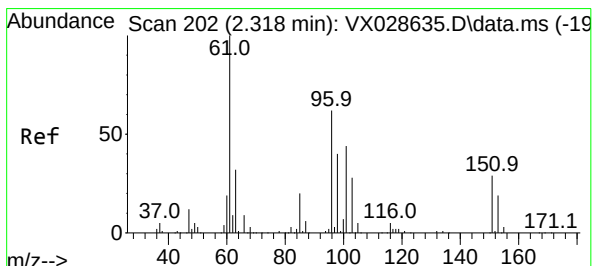
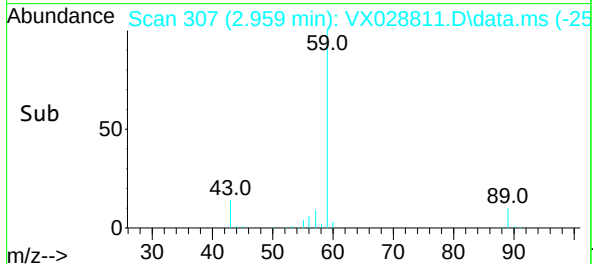
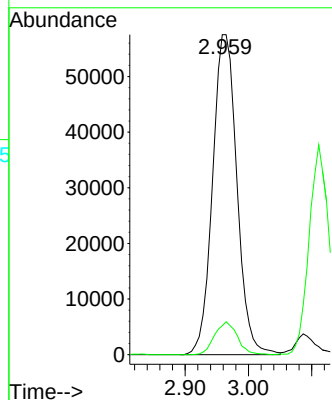
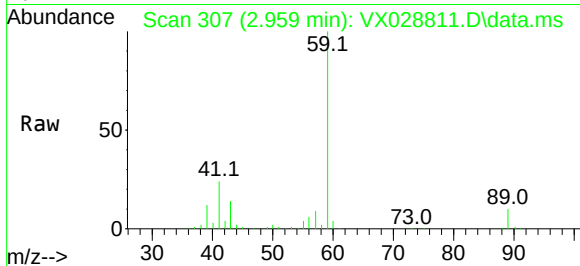




#11
Tert butyl alcohol
Concen: 237.032 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

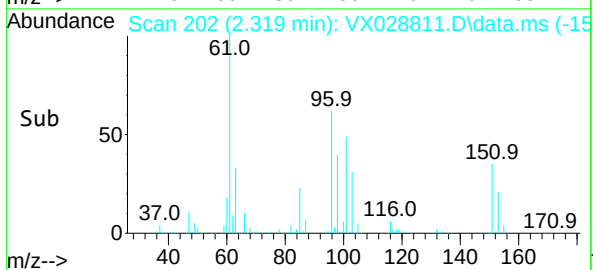
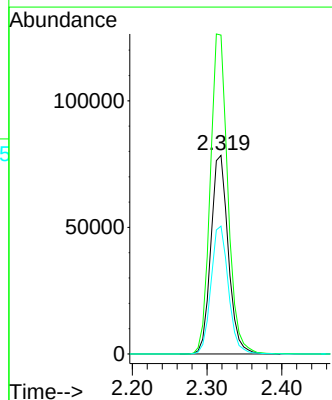
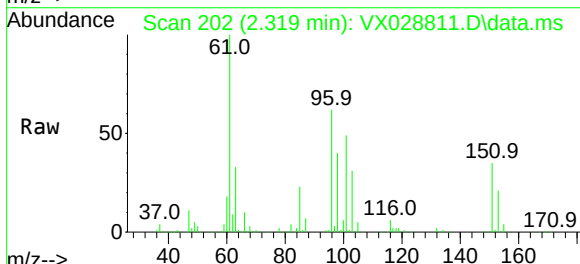
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

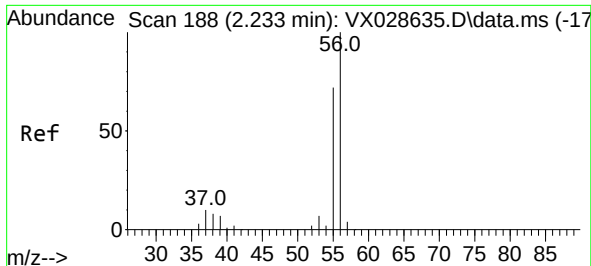
Tgt Ion: 59 Resp: 153751
Ion Ratio Lower Upper
59 100
57 9.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 55.176 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 96 Resp: 127107
Ion Ratio Lower Upper
96 100
61 160.6 124.6 187.0
98 64.4 51.0 76.4

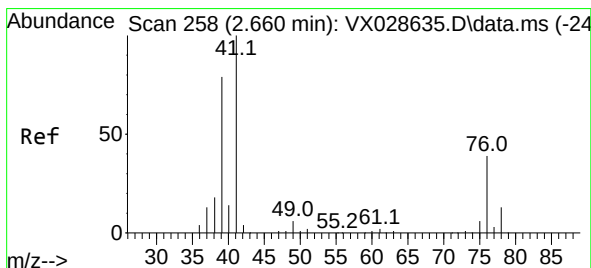
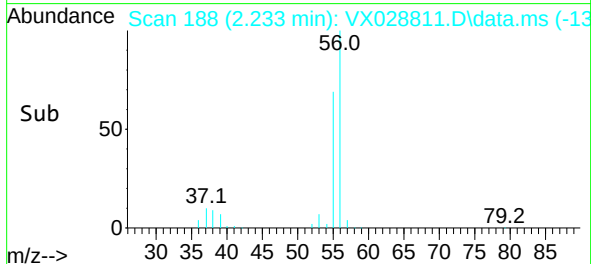
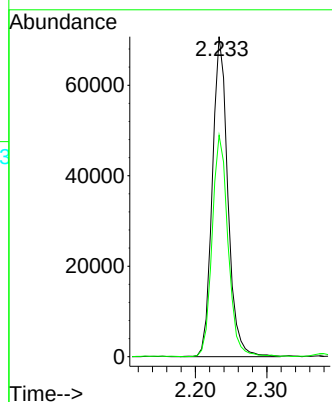
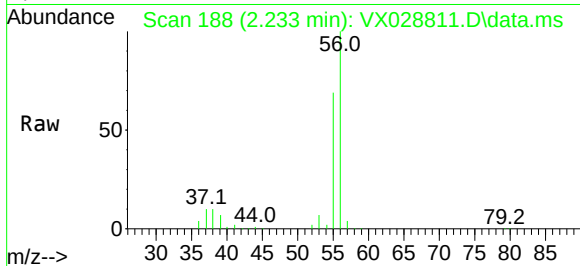




#13
Acrolein
Concen: 212.779 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

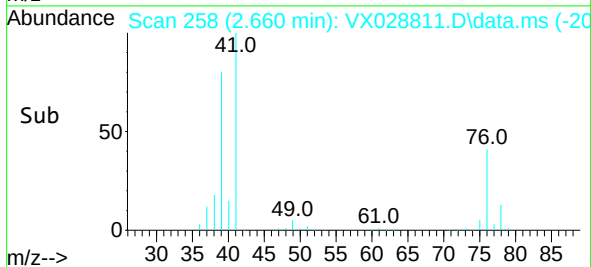
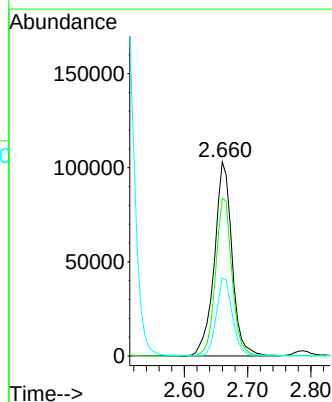
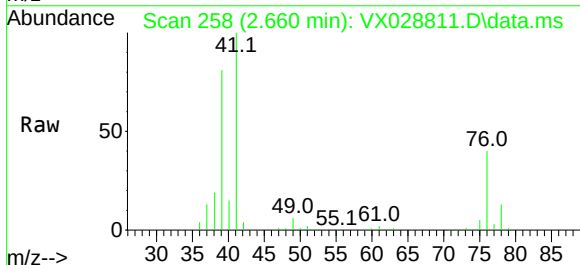
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

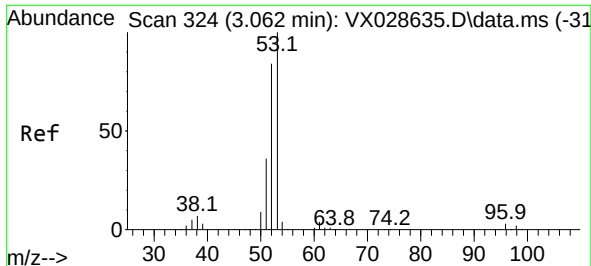
Tgt Ion: 56 Resp: 106562
Ion Ratio Lower Upper
56 100
55 71.0 55.0 82.6



#14
Allyl chloride
Concen: 54.248 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 41 Resp: 200436
Ion Ratio Lower Upper
41 100
39 75.1 50.4 75.6
76 36.2 32.7 49.1

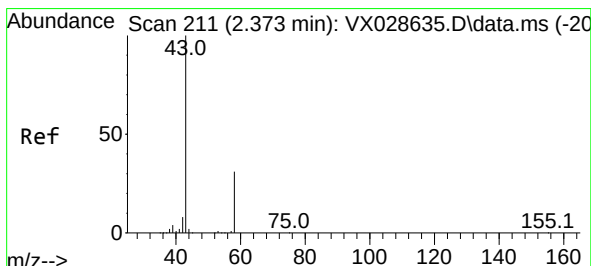
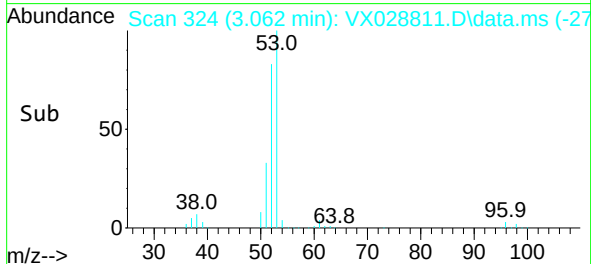
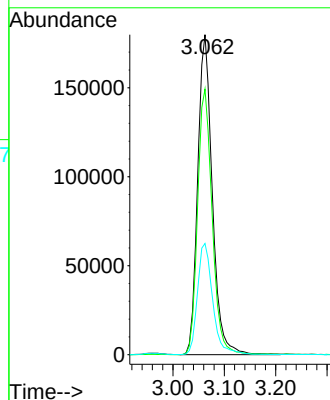
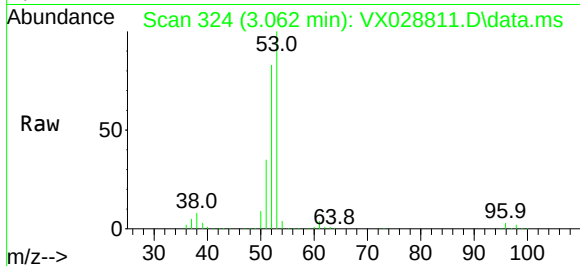




#15
Acrylonitrile
Concen: 241.720 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

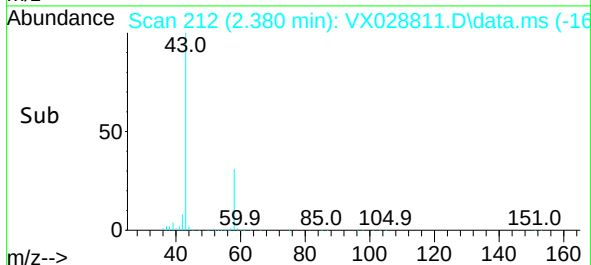
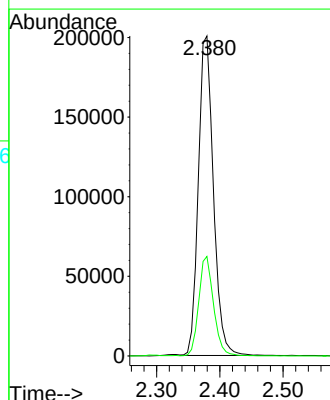
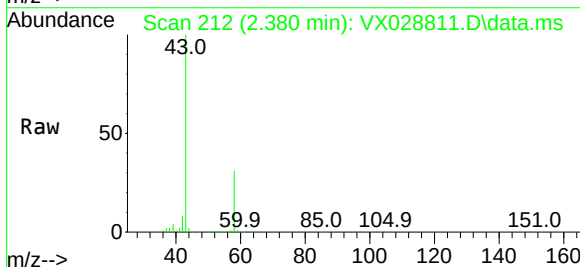
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

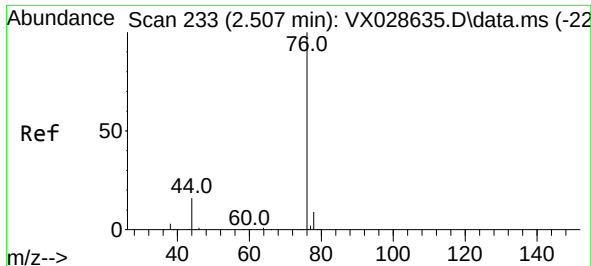
Tgt Ion: 53 Resp: 355342
Ion Ratio Lower Upper
53 100
52 82.8 65.7 98.5
51 36.2 28.4 42.6



#16
Acetone
Concen: 254.637 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 43 Resp: 333442
Ion Ratio Lower Upper
43 100
58 31.1 28.8 43.2

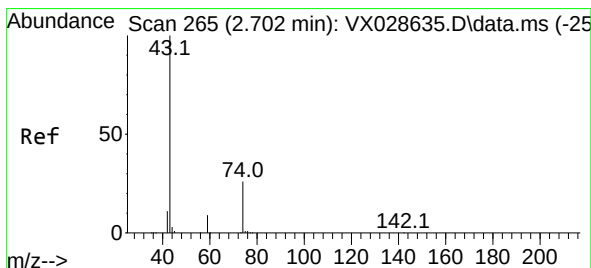
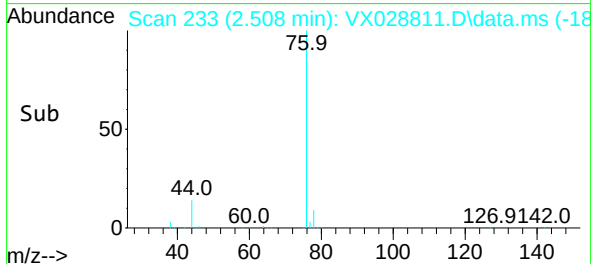
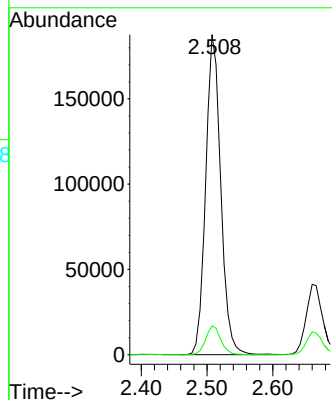
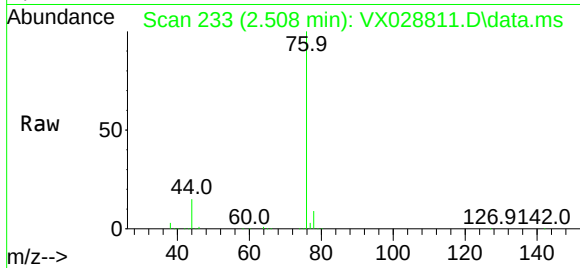




#17
Carbon Disulfide
Concen: 50.022 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

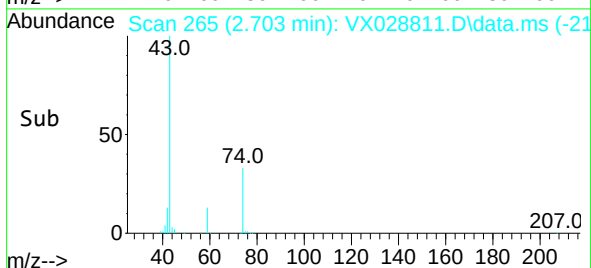
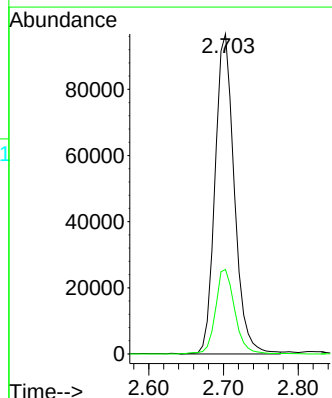
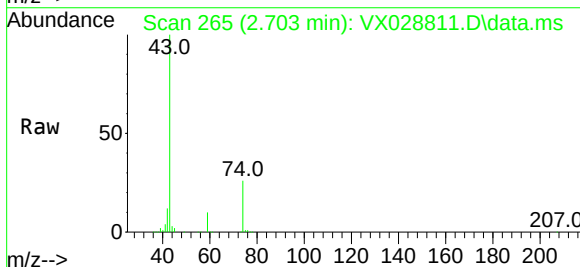
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

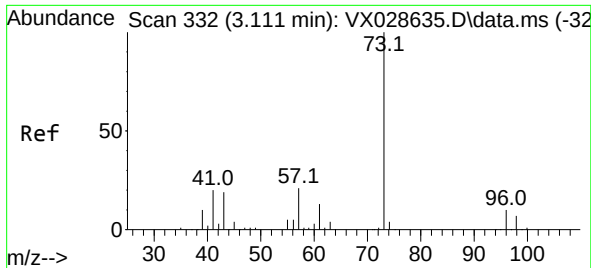
Tgt Ion: 76 Resp: 298717
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 52.843 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 43 Resp: 173310
Ion Ratio Lower Upper
43 100
74 26.7 22.8 34.2

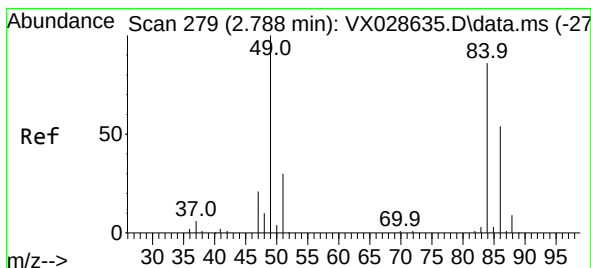
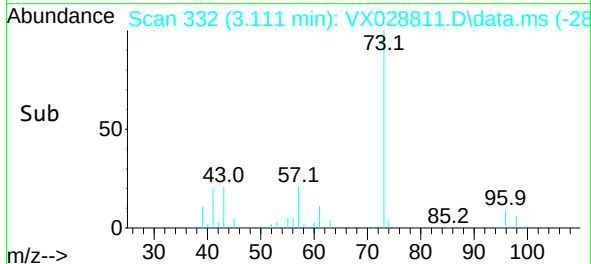
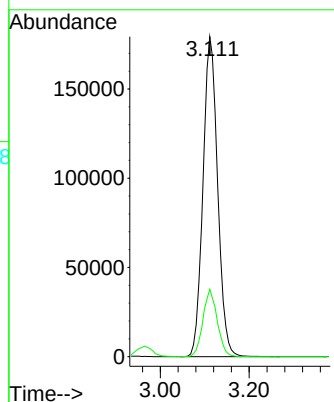
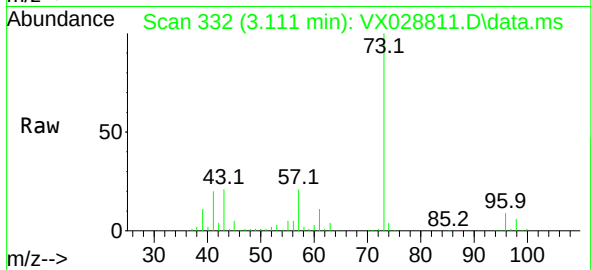




#19
Methyl tert-butyl Ether
Concen: 50.425 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

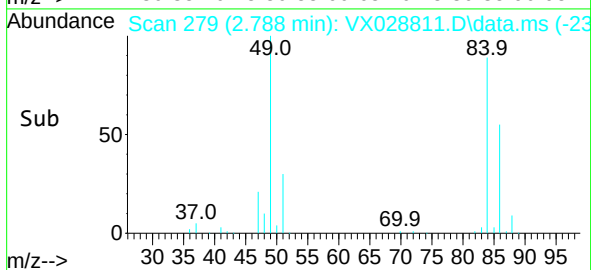
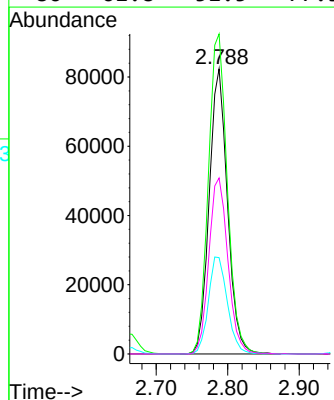
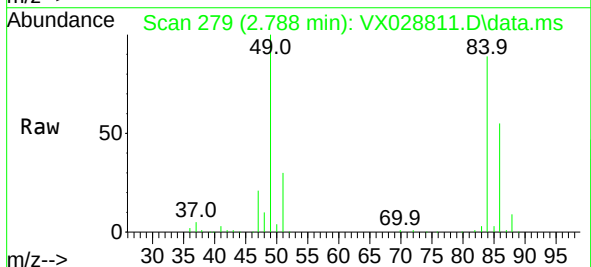
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

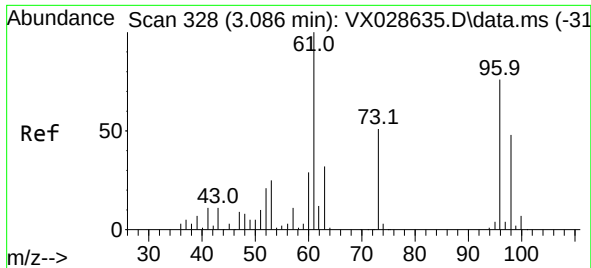
Tgt Ion: 73 Resp: 412220
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2



#20
Methylene Chloride
Concen: 53.209 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 84 Resp: 146177
Ion Ratio Lower Upper
84 100
49 112.2 85.5 128.3
51 33.8 26.6 39.8
86 61.8 51.5 77.3

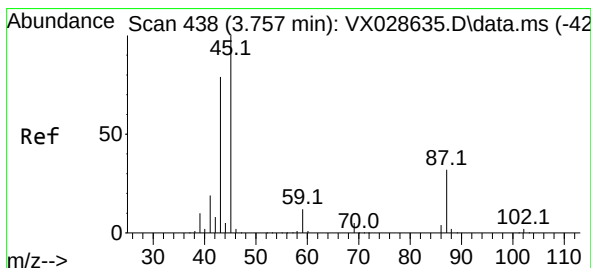
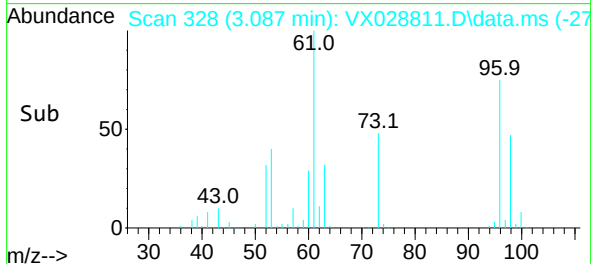
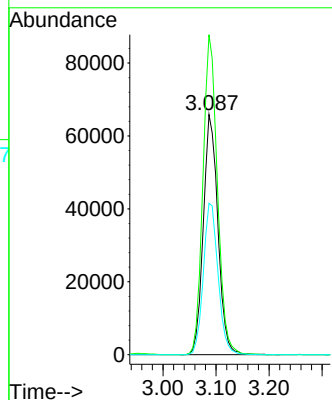
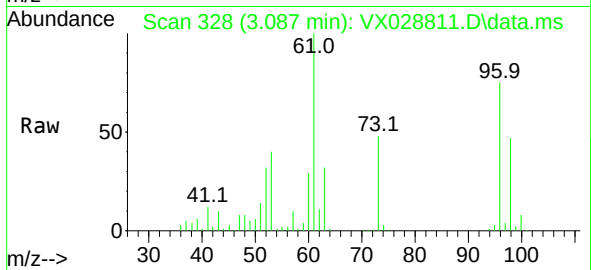




#21
trans-1,2-Dichloroethene
Concen: 48.394 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

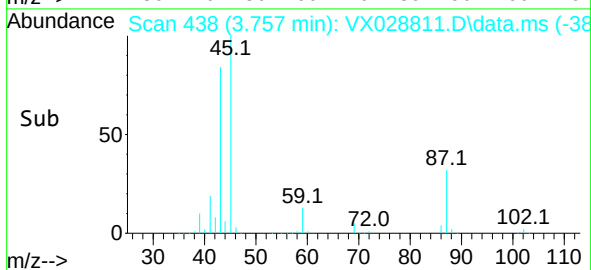
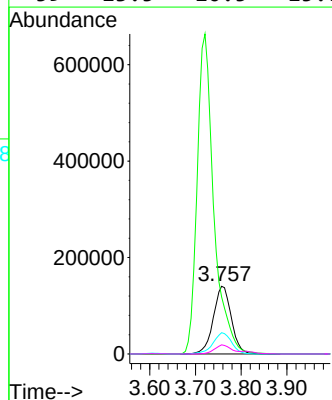
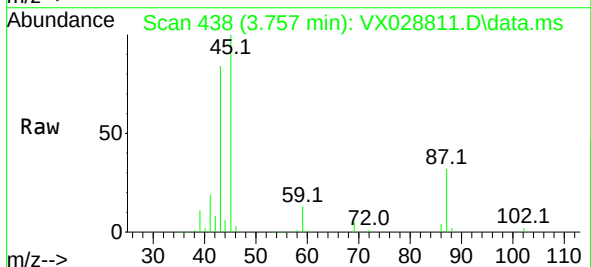
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

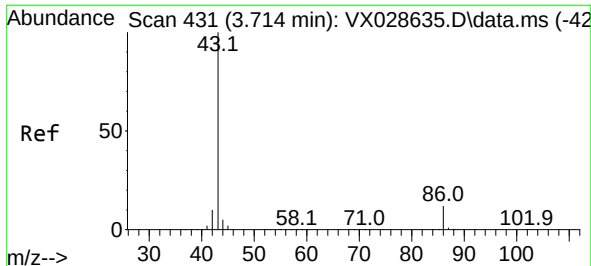
Tgt Ion: 96 Resp: 125575
Ion Ratio Lower Upper
96 100
61 133.2 105.4 158.2
98 63.0 50.0 75.0



#22
Diisopropyl ether
Concen: 48.373 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 45 Resp: 381939
Ion Ratio Lower Upper
45 100
43 83.9 50.8 76.2#
87 31.5 26.6 39.8
59 13.5 10.5 15.7

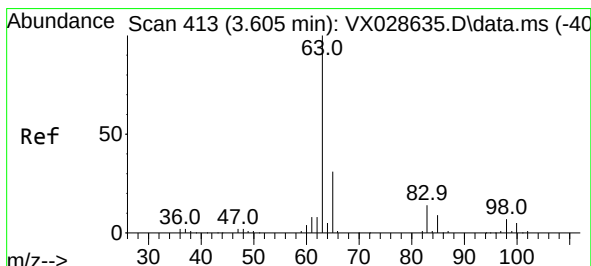
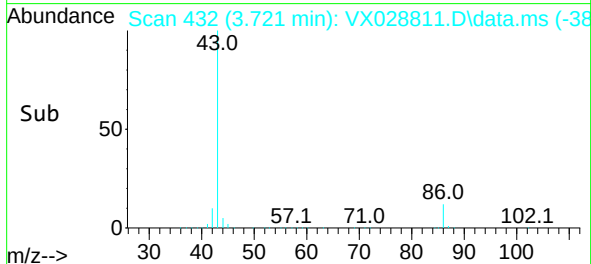
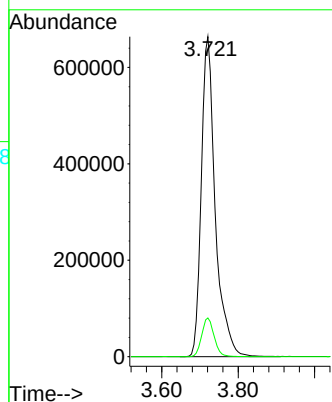
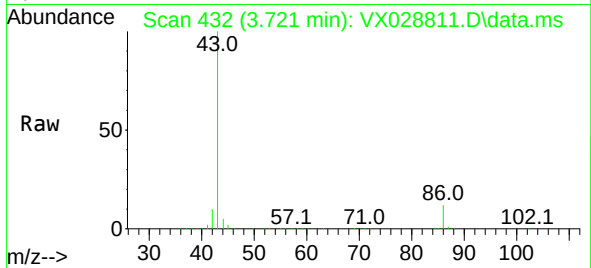




#23
 Vinyl Acetate
 Concen: 247.000 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX028811.D
 Acq: 18 May 2022 17:32

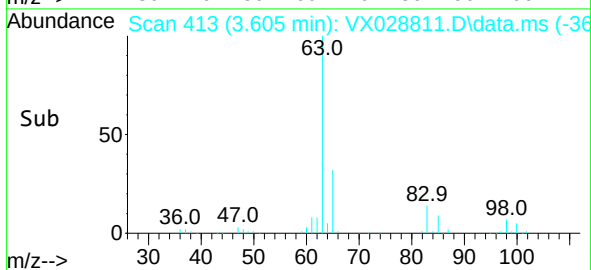
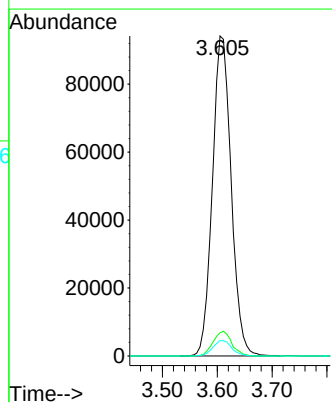
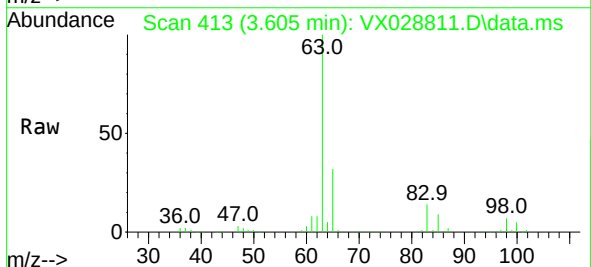
Instrument :
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 ClientSampleId :
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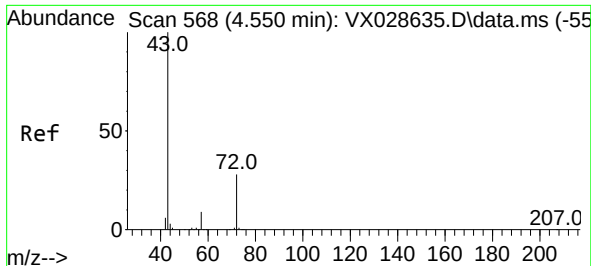
Tgt Ion: 43 Resp: 1681257
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.8 16.2



#24
 1,1-Dichloroethane
 Concen: 48.689 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX028811.D
 Acq: 18 May 2022 17:32

Tgt Ion: 63 Resp: 223494
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.7
 100 4.8 2.4 7.2

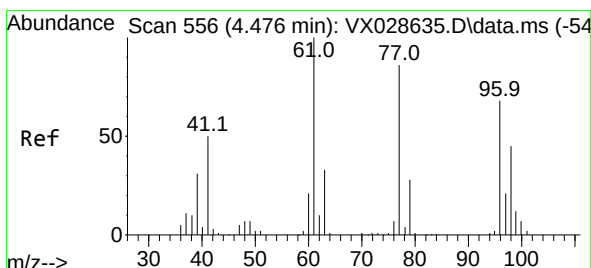
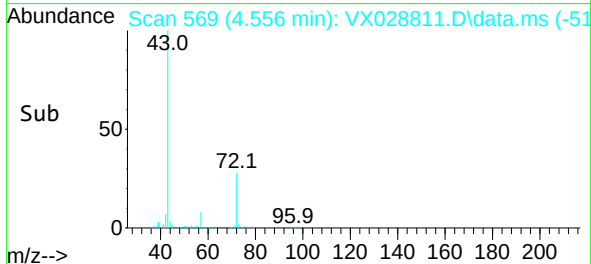
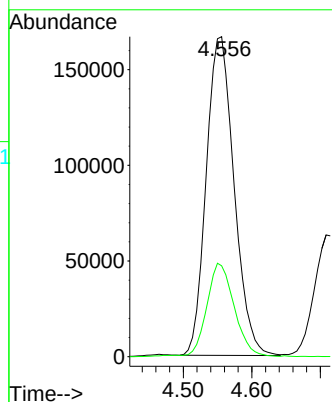
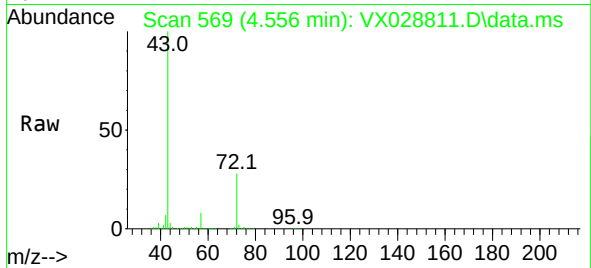




#25
2-Butanone
Concen: 228.591 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.006 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

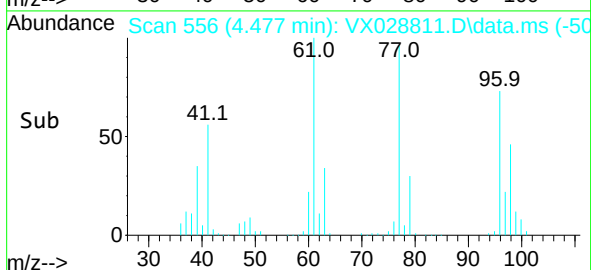
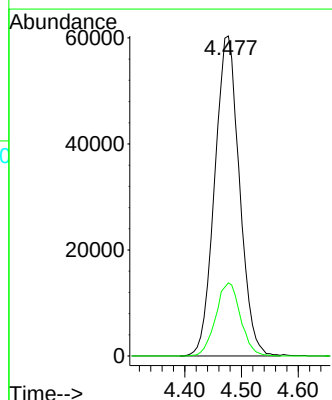
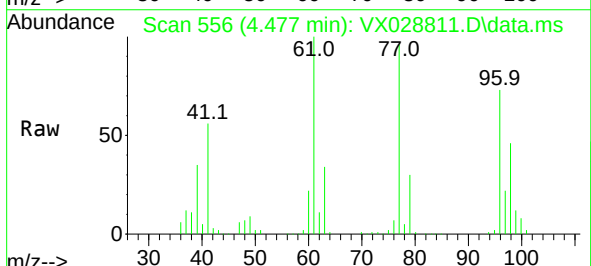
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

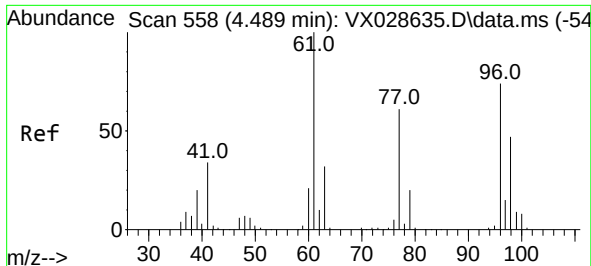
Tgt Ion: 43 Resp: 469859
Ion Ratio Lower Upper
43 100
72 28.4 24.4 36.6



#26
2,2-Dichloropropane
Concen: 50.811 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 77 Resp: 182872
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 47.930 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

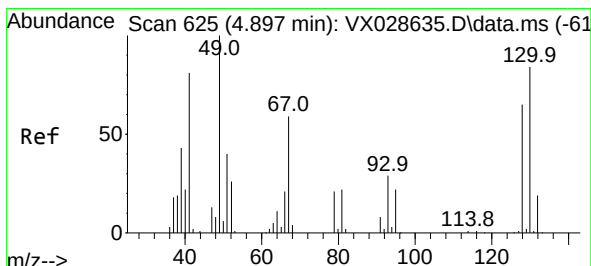
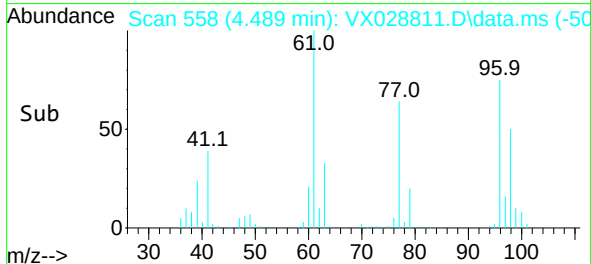
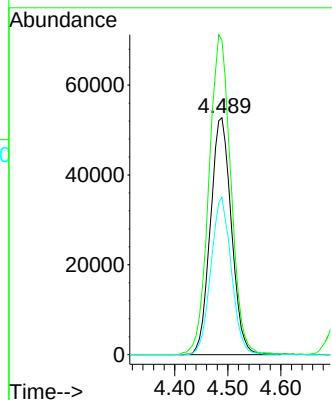
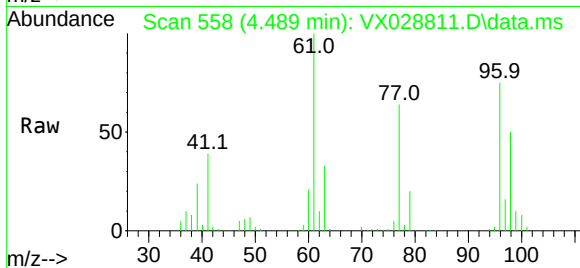
Tgt Ion: 96 Resp: 145257

Ion Ratio Lower Upper

96 100

61 141.0 0.0 283.8

98 64.7 0.0 129.8



#28

Bromochloromethane

Concen: 47.643 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

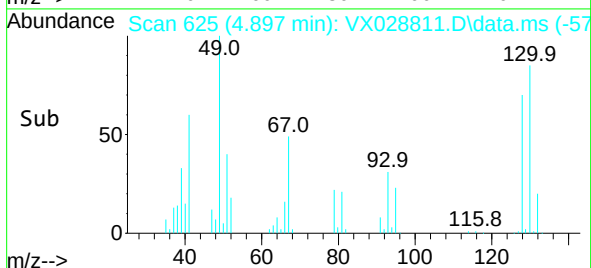
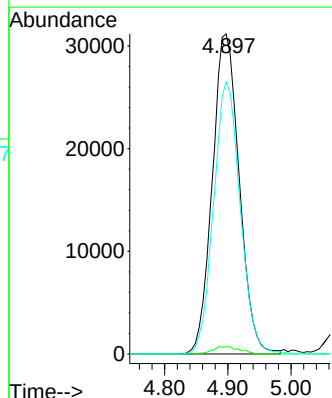
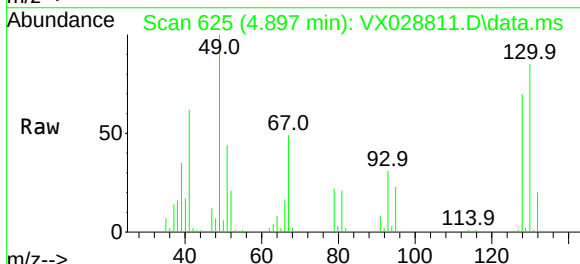
Tgt Ion: 49 Resp: 92052

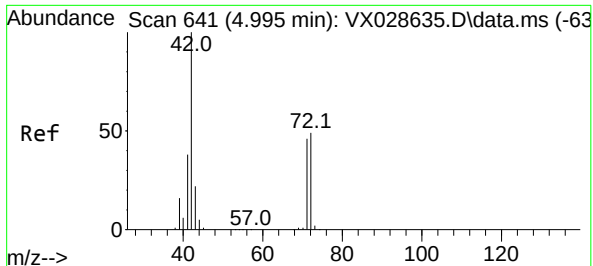
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 84.1 70.7 106.1





#29

Tetrahydrofuran

Concen: 227.858 ug/l

RT: 5.001 min Scan# 641

Delta R.T. 0.006 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

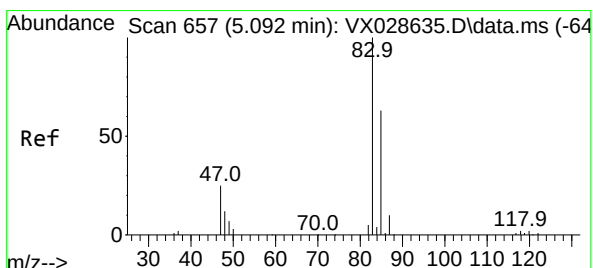
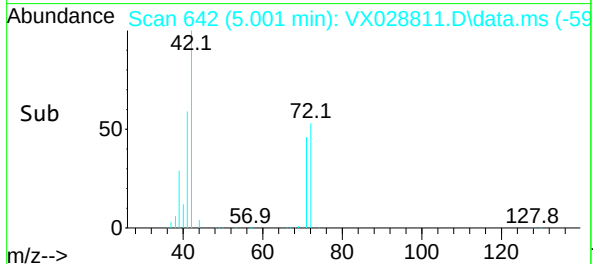
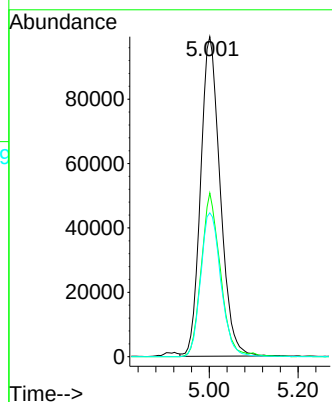
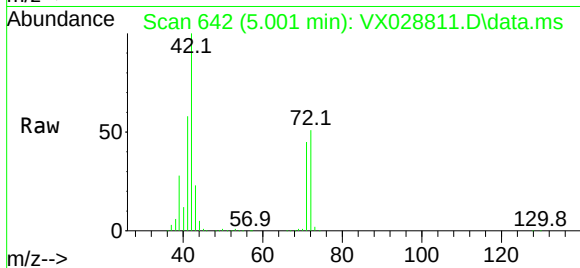
Tgt Ion: 42 Resp: 304435

Ion Ratio Lower Upper

42 100

72 49.5 44.1 66.1

71 46.5 40.5 60.7



#30

Chloroform

Concen: 48.726 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX028811.D

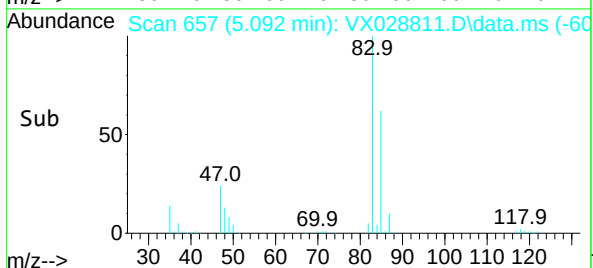
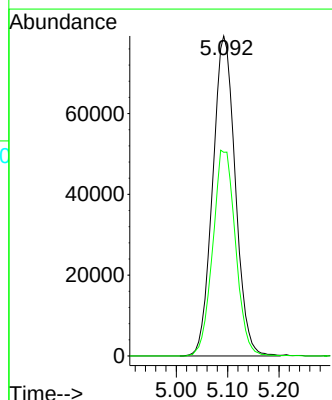
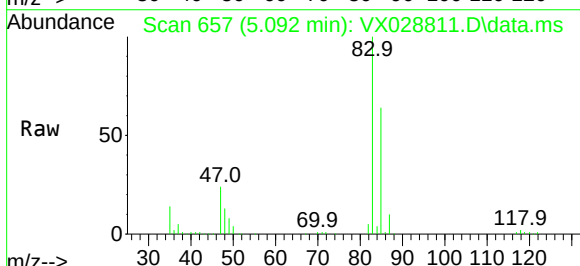
Acq: 18 May 2022 17:32

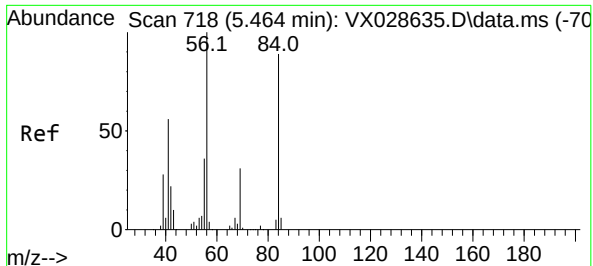
Tgt Ion: 83 Resp: 242063

Ion Ratio Lower Upper

83 100

85 63.7 52.7 79.1

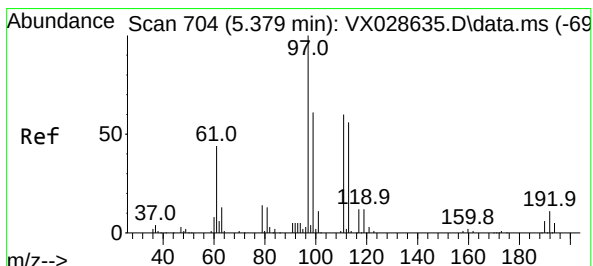
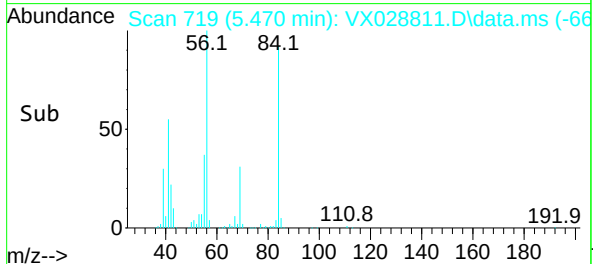
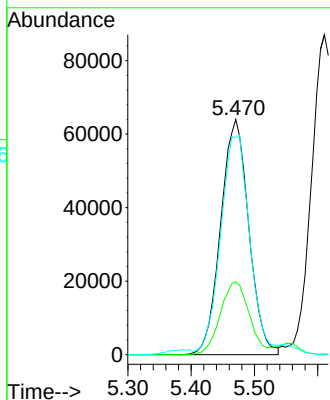
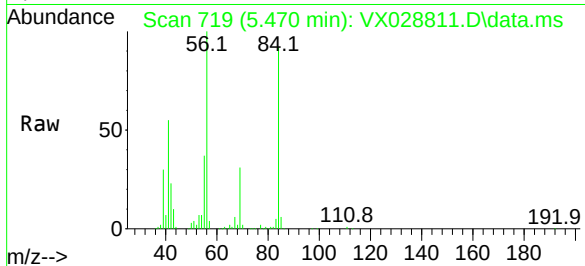




#31
Cyclohexane
Concen: 46.688 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

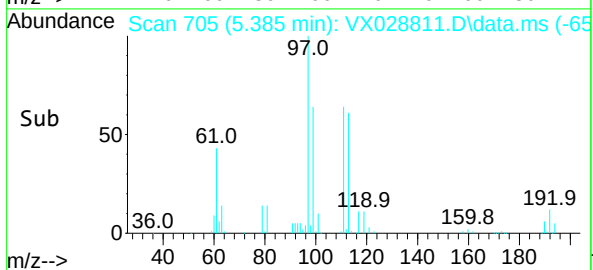
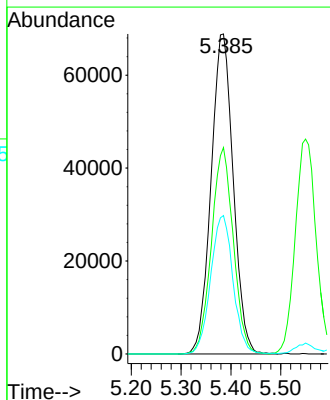
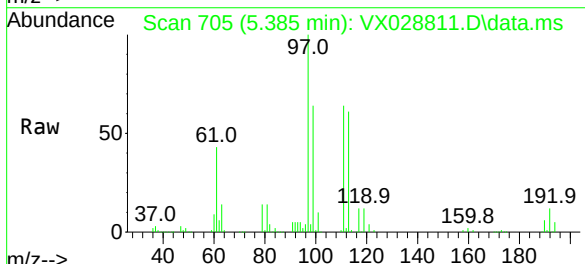
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

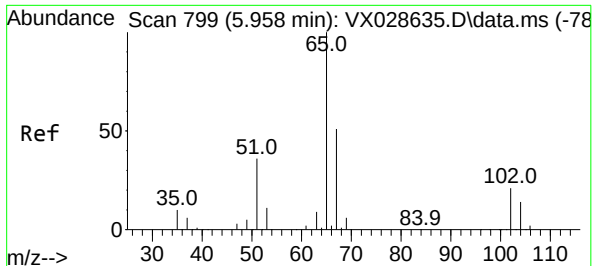
Tgt Ion: 56 Resp: 197732
Ion Ratio Lower Upper
56 100
69 31.0 26.7 40.1
84 90.6 77.2 115.8



#32
1,1,1-Trichloroethane
Concen: 49.007 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 97 Resp: 212537
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 43.7 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 48.729 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

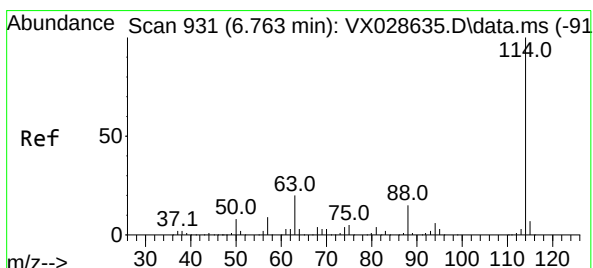
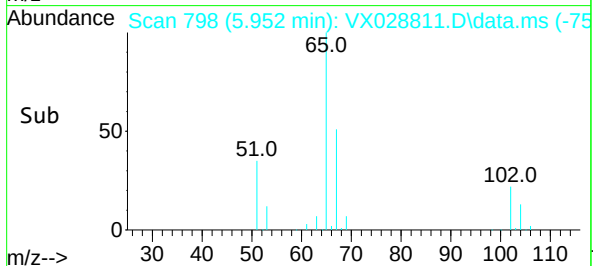
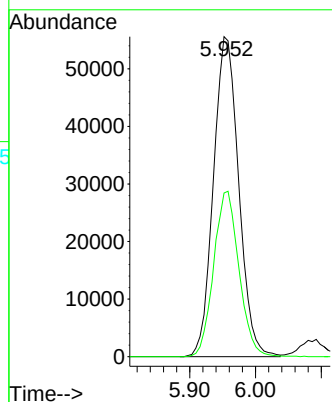
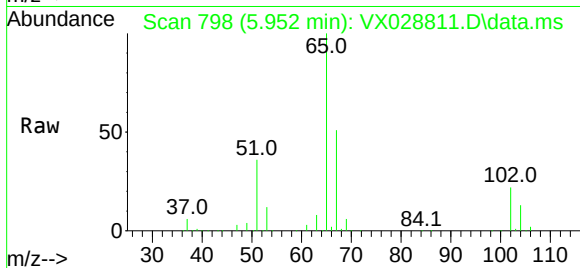
VSTDCCC050EC

Tgt Ion: 65 Resp: 148678

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

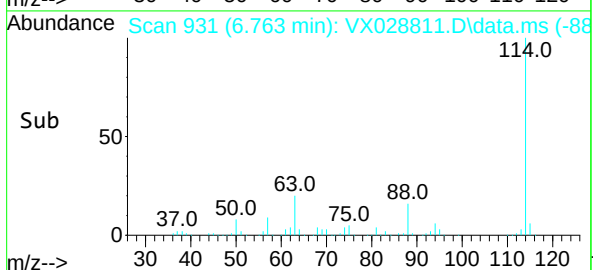
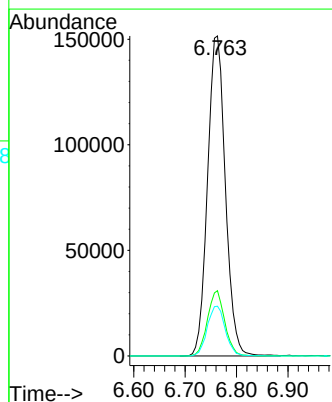
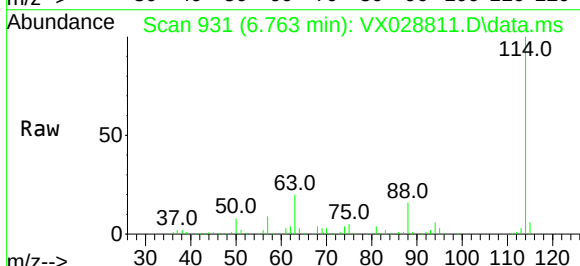
Tgt Ion: 114 Resp: 365351

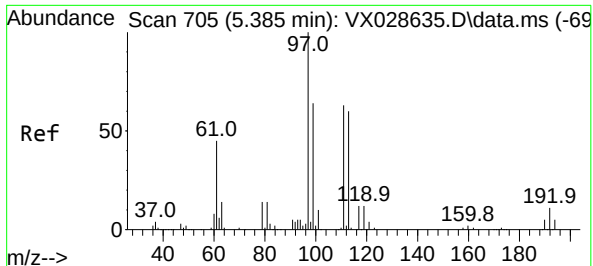
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.8

88 15.6 0.0 32.4

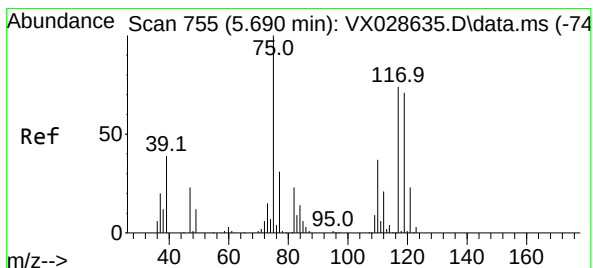
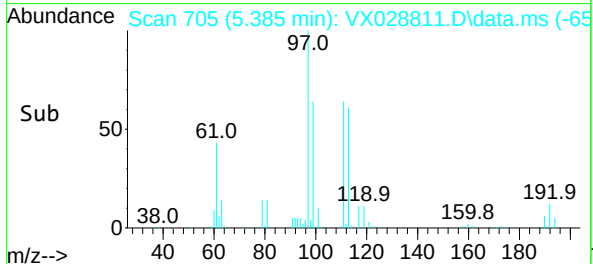
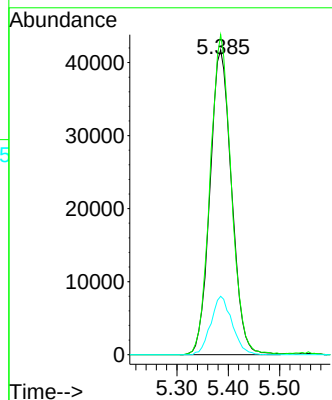
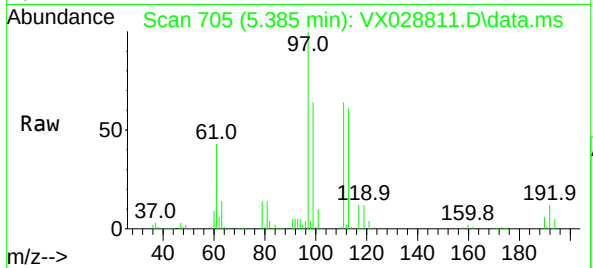




#35
Dibromofluoromethane
Concen: 50.898 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

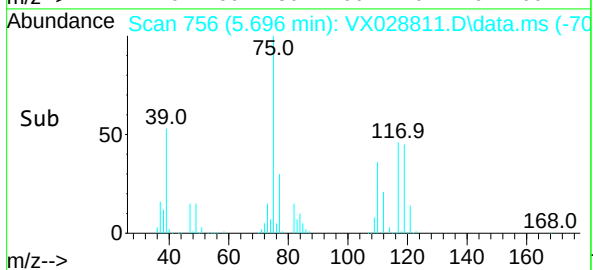
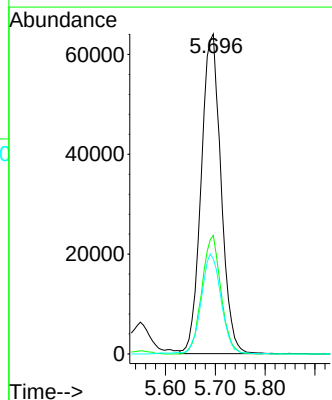
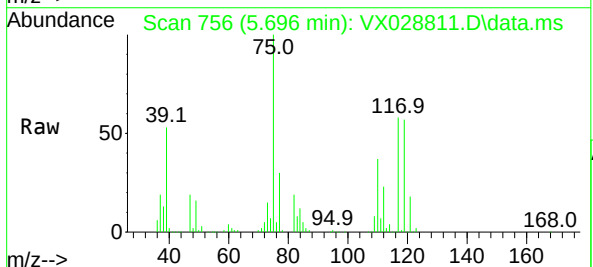
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

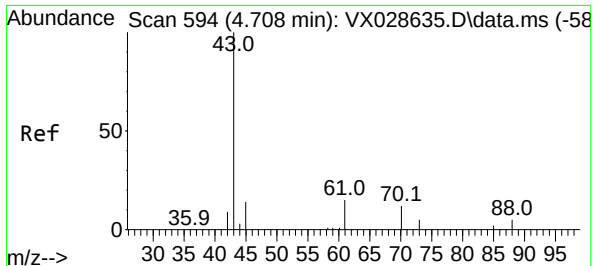
Tgt Ion:113 Resp: 121835
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.098 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 75 Resp: 176525
Ion Ratio Lower Upper
75 100
110 35.7 18.3 54.8
77 31.6 24.8 37.2





#37

Ethyl Acetate

Concen: 49.558 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

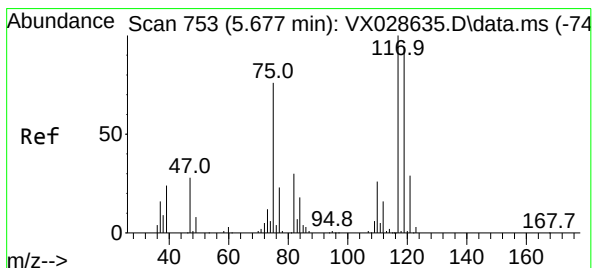
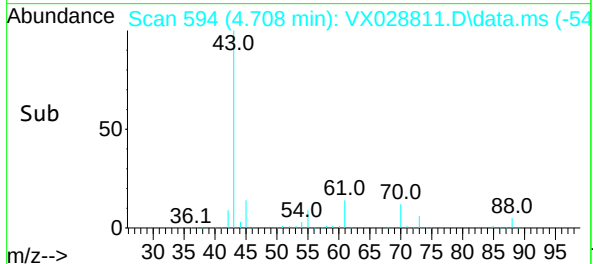
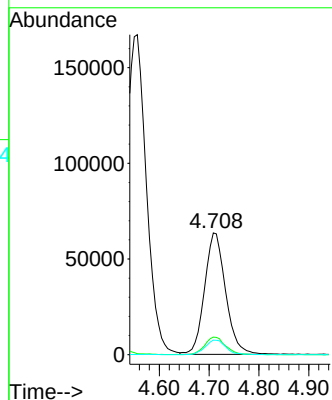
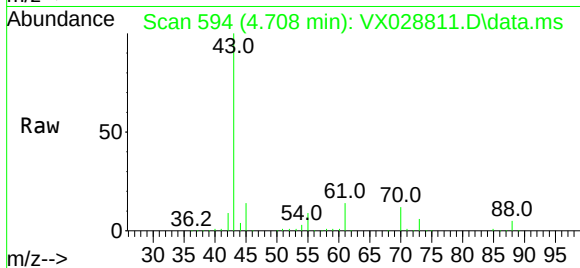
Tgt Ion: 43 Resp: 186102

Ion Ratio Lower Upper

43 100

61 14.4 12.6 19.0

70 11.7 10.2 15.2



#38

Carbon Tetrachloride

Concen: 50.693 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

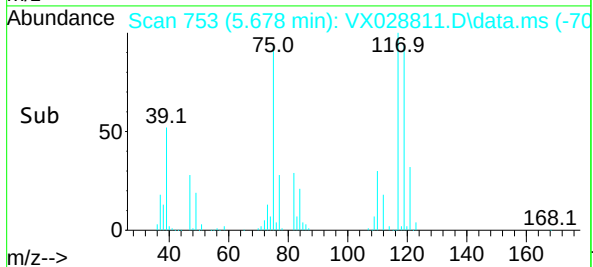
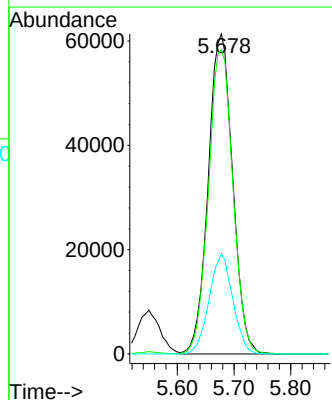
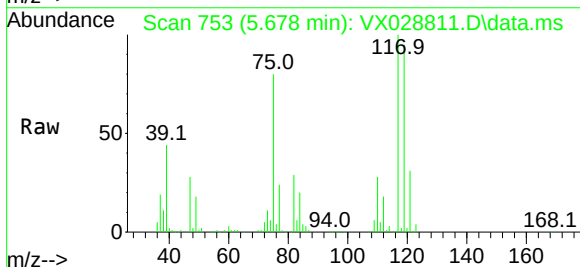
Tgt Ion: 117 Resp: 183421

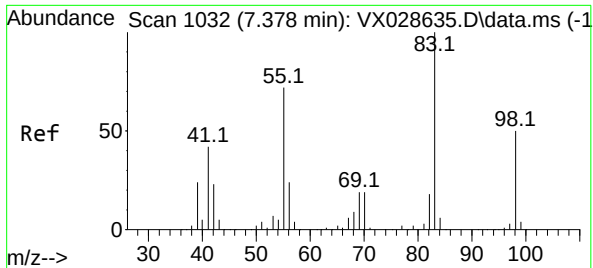
Ion Ratio Lower Upper

117 100

119 95.0 77.3 115.9

121 31.4 24.2 36.2

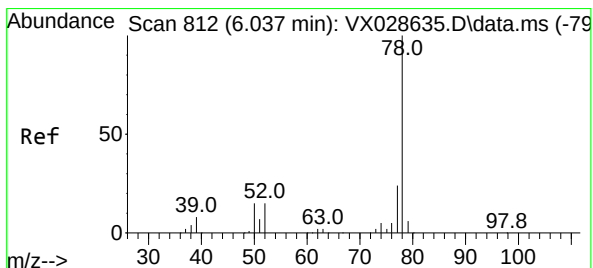
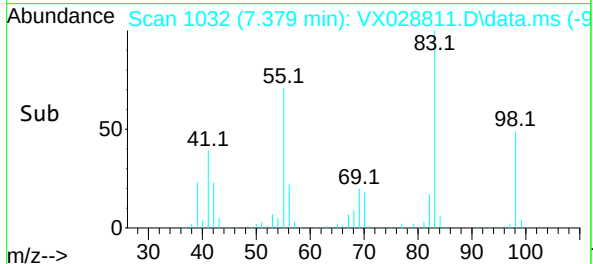
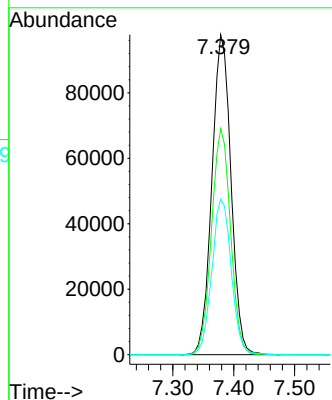
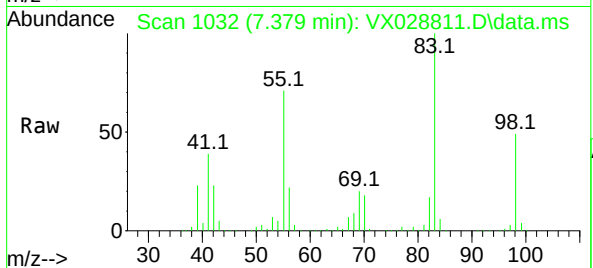




#39
Methylcyclohexane
Concen: 51.482 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

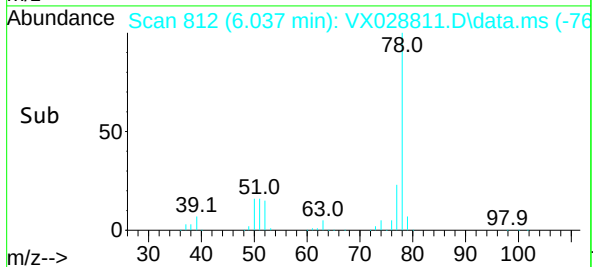
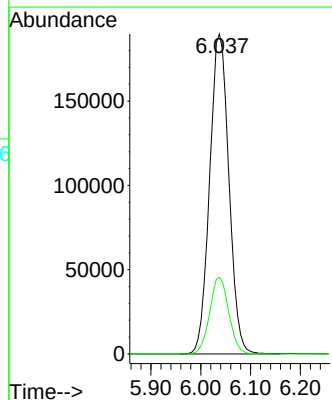
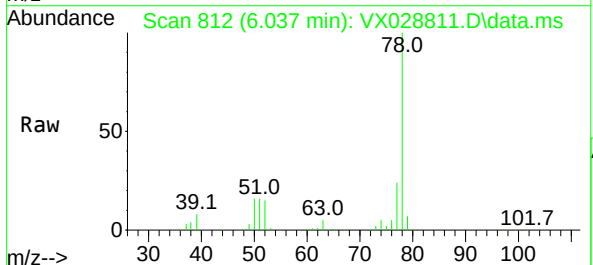
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

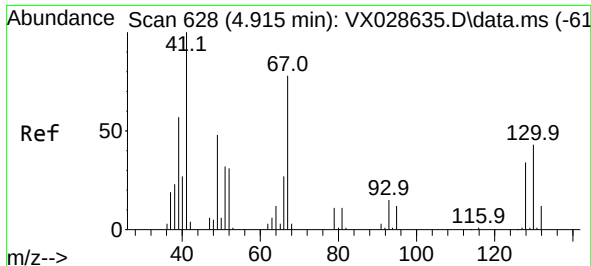
Tgt Ion: 83 Resp: 212269
Ion Ratio Lower Upper
83 100
55 70.6 54.6 81.8
98 48.6 37.4 56.2



#40
Benzene
Concen: 49.179 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 78 Resp: 508165
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

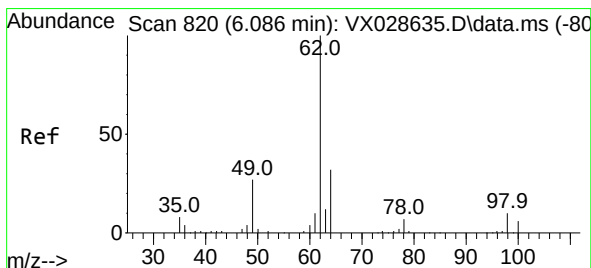
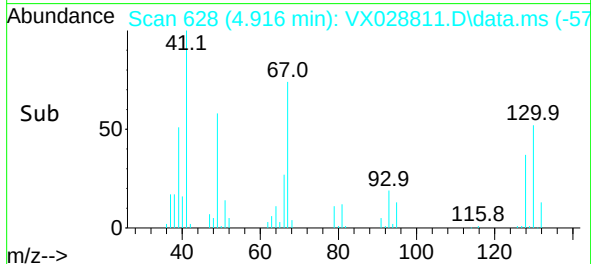
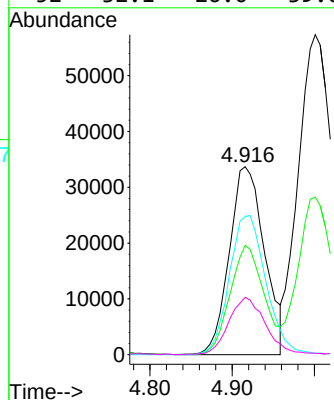
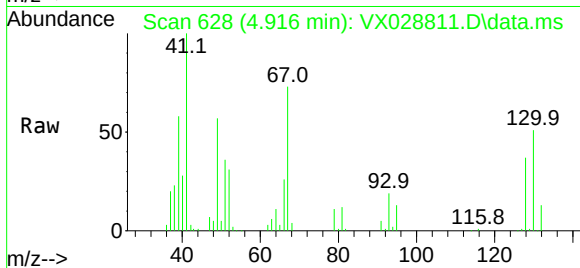




#41
Methacrylonitrile
Concen: 49.917 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

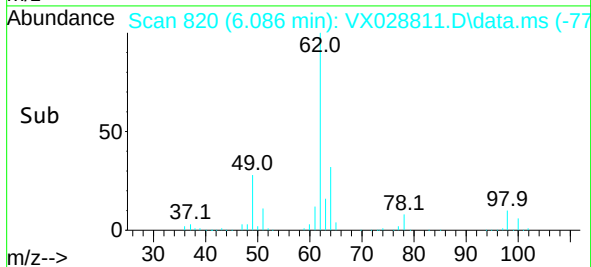
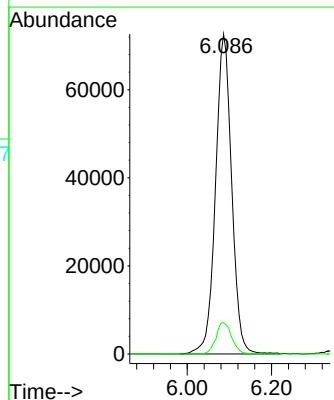
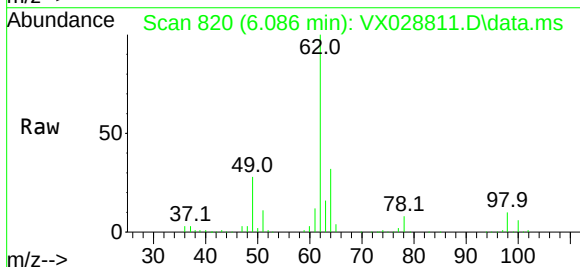
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

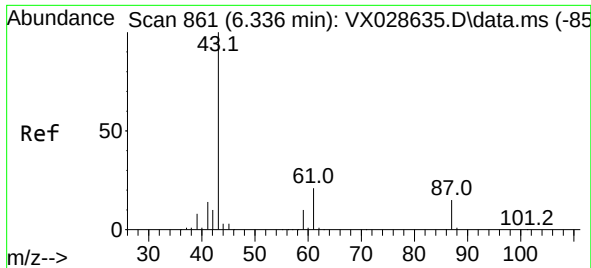
Tgt Ion: 41 Resp: 100507
Ion Ratio Lower Upper
41 100
39 56.5 43.0 64.4
67 77.1 70.2 105.4
52 32.1 26.0 39.0



#42
1,2-Dichloroethane
Concen: 50.553 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 62 Resp: 192677
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.4

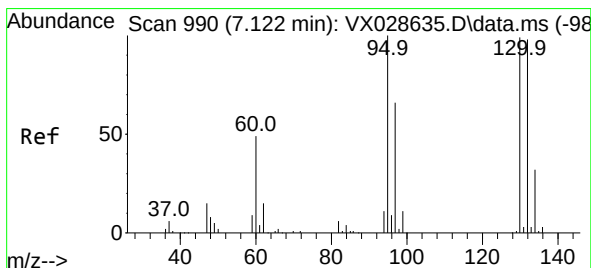
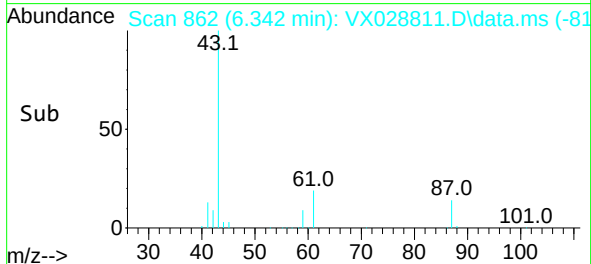
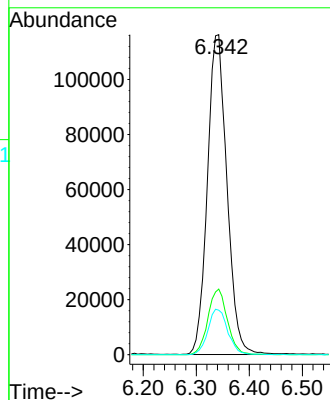
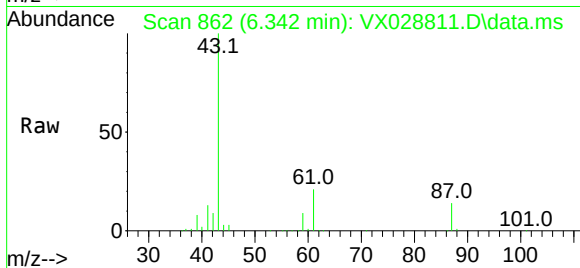




#43
Isopropyl Acetate
Concen: 50.568 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

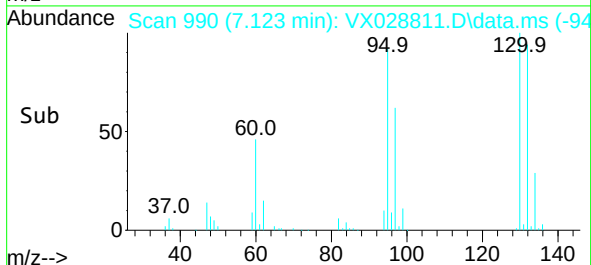
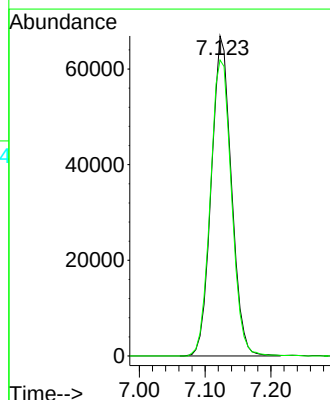
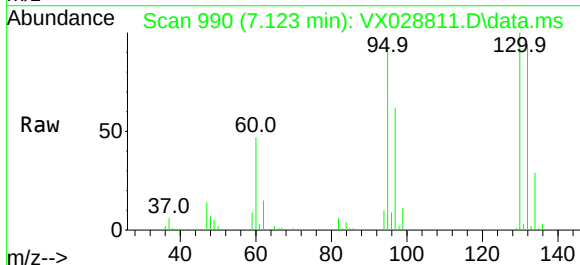
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

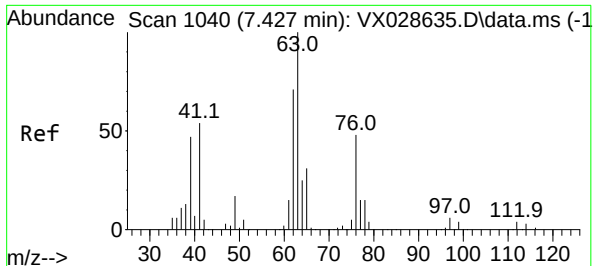
Tgt Ion: 43 Resp: 297081
Ion Ratio Lower Upper
43 100
61 20.4 18.5 27.7
87 14.4 13.0 19.6



#44
Trichloroethene
Concen: 50.709 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion:130 Resp: 142106
Ion Ratio Lower Upper
130 100
95 92.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 50.469 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

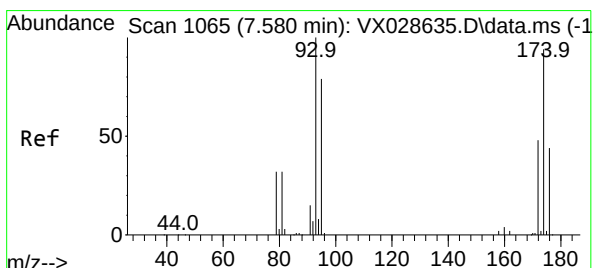
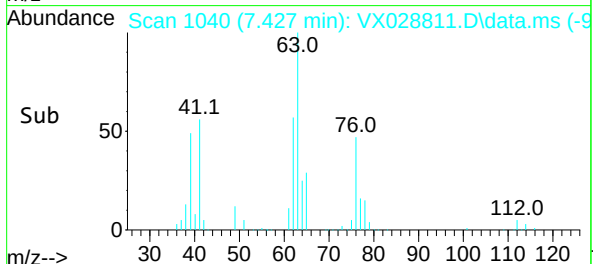
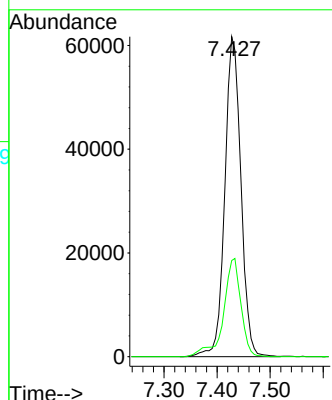
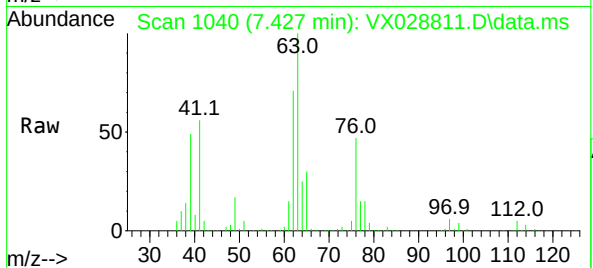
VSTDCCC050EC

Tgt Ion: 63 Resp: 130112

Ion Ratio Lower Upper

63 100

65 30.1 25.8 38.6



#46

Dibromomethane

Concen: 49.440 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

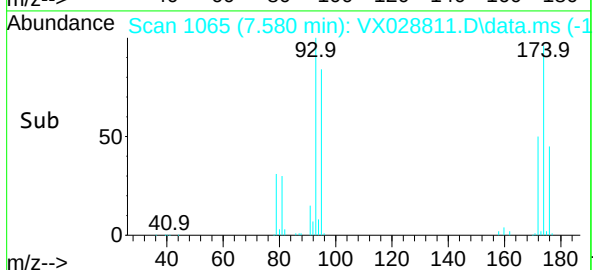
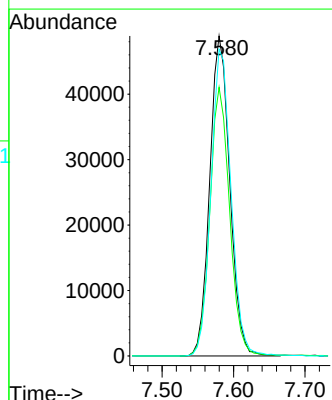
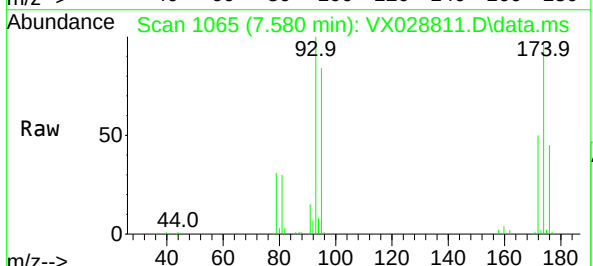
Tgt Ion: 93 Resp: 95185

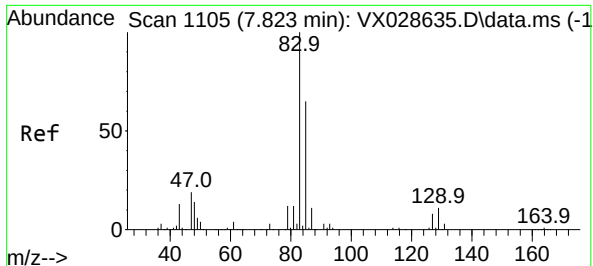
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

174 96.4 85.4 128.2

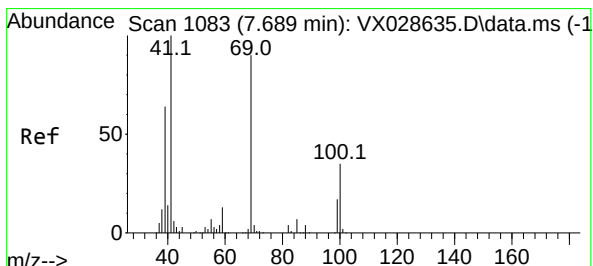
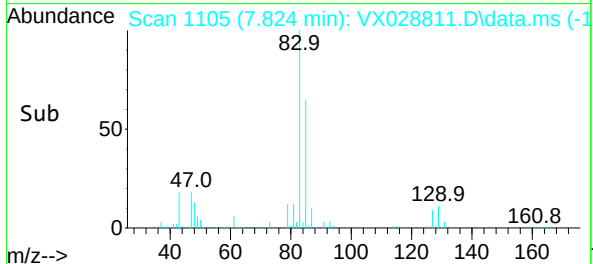
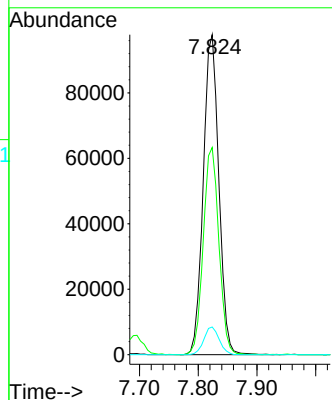
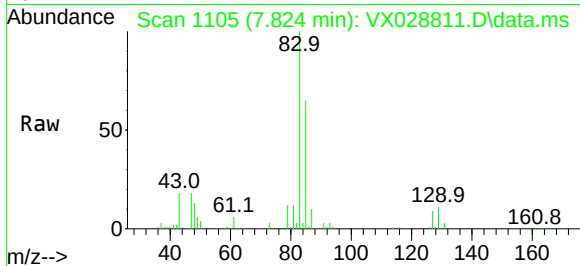




#47
Bromodichloromethane
Concen: 50.386 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

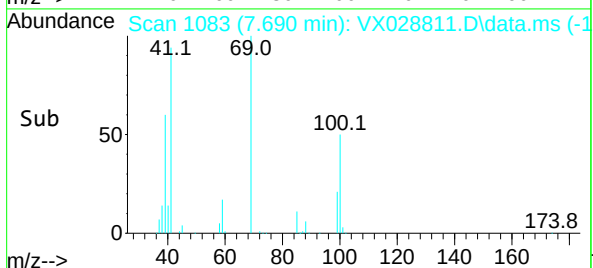
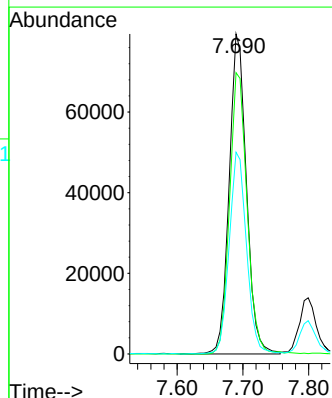
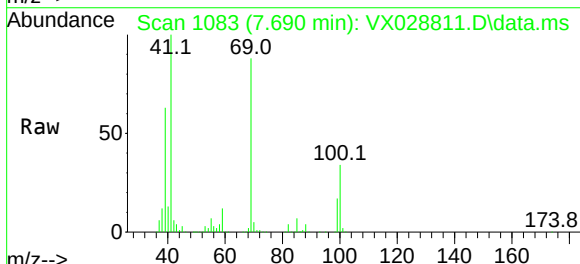
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

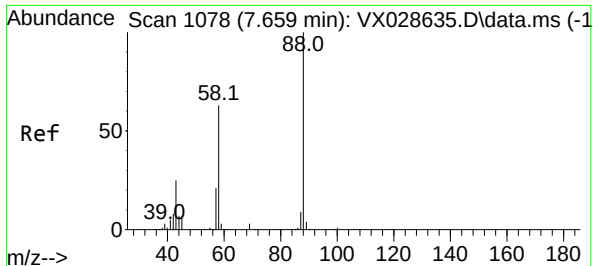
Tgt Ion: 83 Resp: 180102
Ion Ratio Lower Upper
83 100
85 64.8 52.2 78.2
127 8.7 6.8 10.2



#48
Methyl methacrylate
Concen: 51.069 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 41 Resp: 144934
Ion Ratio Lower Upper
41 100
69 89.2 82.5 123.7
39 63.6 43.8 65.8





#49

1,4-Dioxane

Concen: 867.785 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

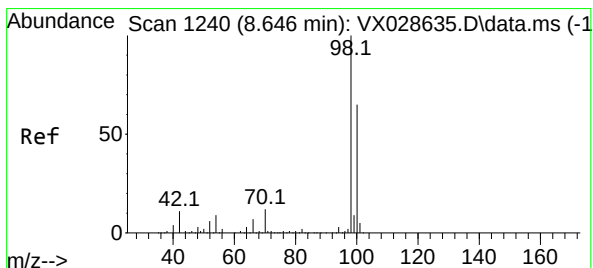
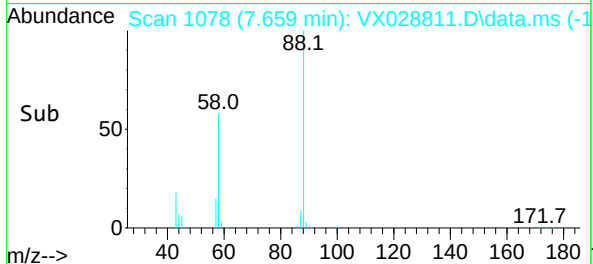
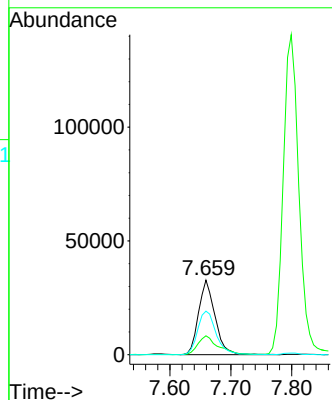
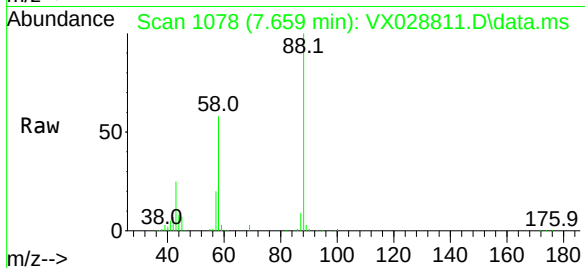
Tgt Ion: 88 Resp: 61525

Ion Ratio Lower Upper

88 100

43 31.2 21.9 32.9

58 65.5 53.7 80.5



#50

Toluene-d8

Concen: 50.154 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX028811.D

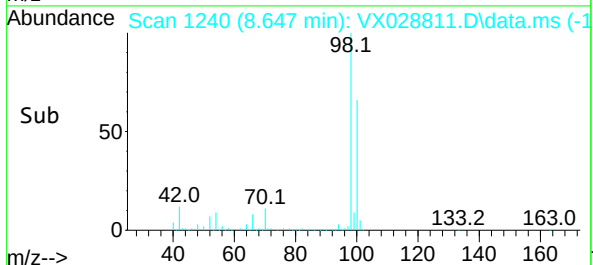
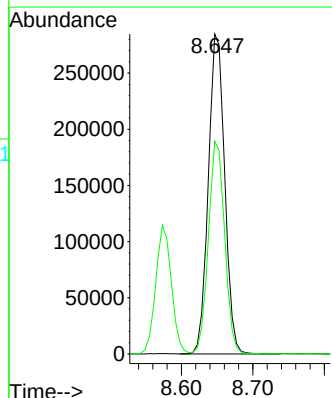
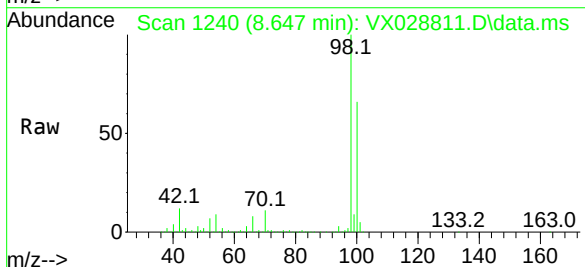
Acq: 18 May 2022 17:32

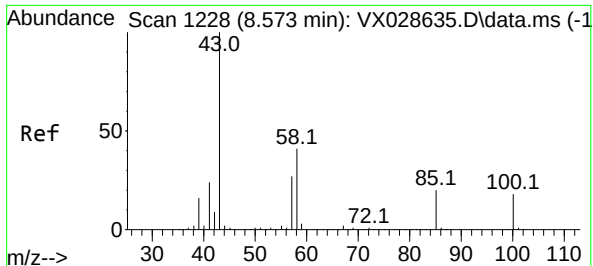
Tgt Ion: 98 Resp: 452630

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8

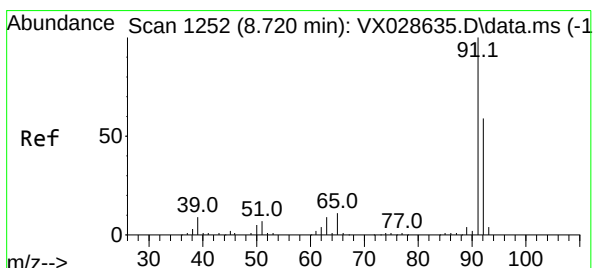
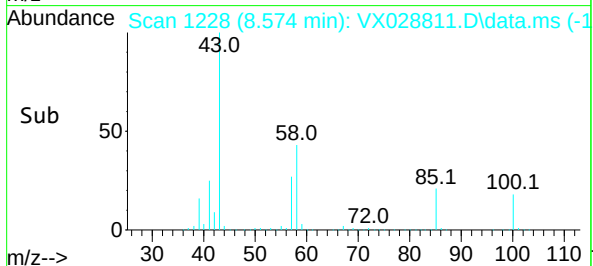
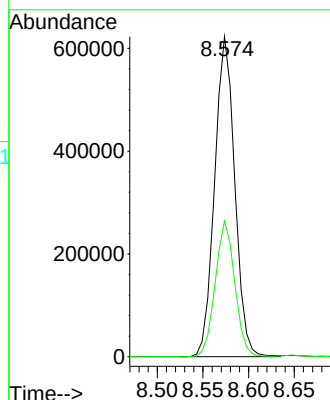
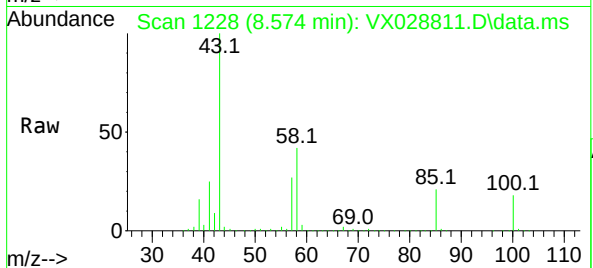




#51
4-Methyl-2-Pentanone
Concen: 246.472 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

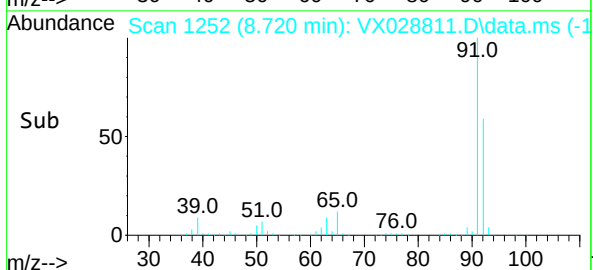
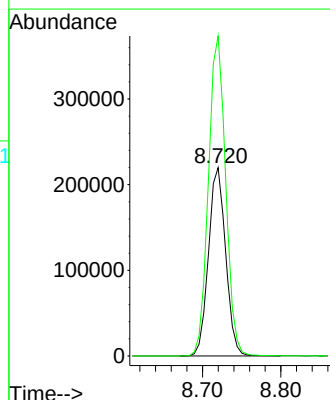
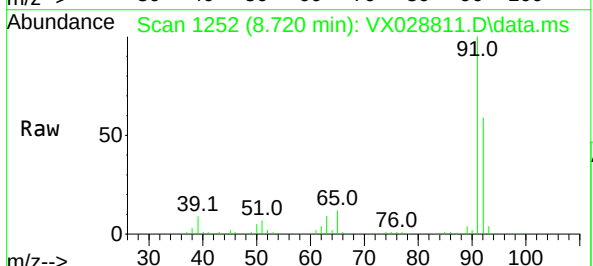
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

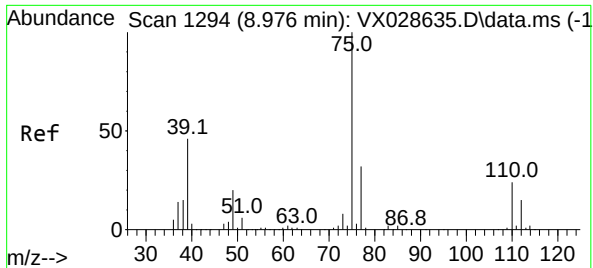
Tgt Ion: 43 Resp: 953786
Ion Ratio Lower Upper
43 100
58 41.1 36.1 54.1



#52
Toluene
Concen: 50.282 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 92 Resp: 334224
Ion Ratio Lower Upper
92 100
91 170.5 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 46.916 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

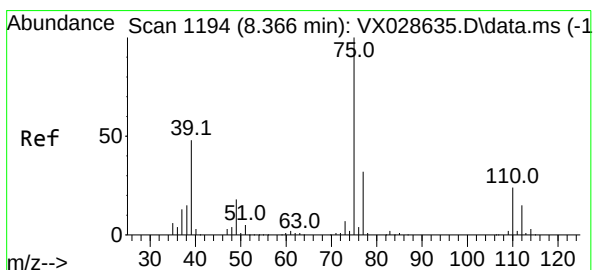
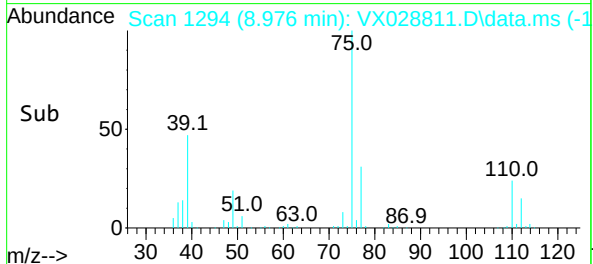
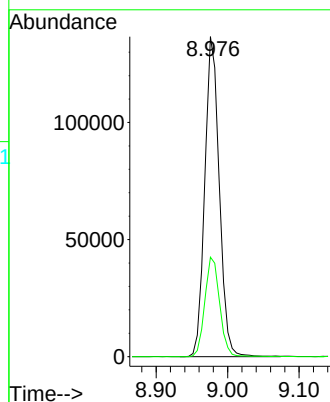
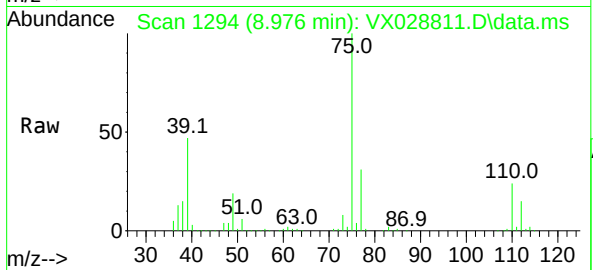
VSTDCCC050EC

Tgt Ion: 75 Resp: 192607

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.564 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

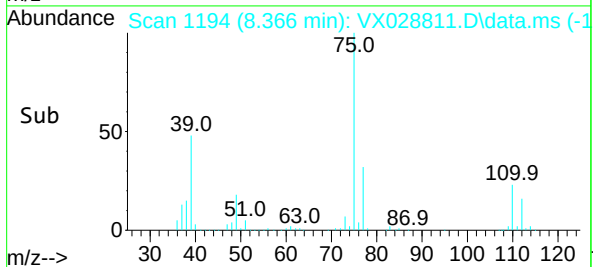
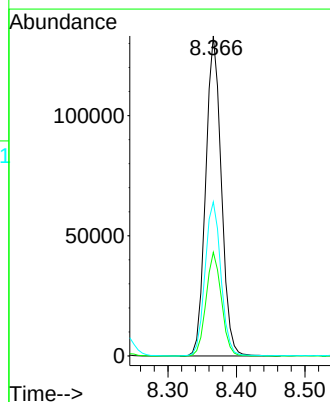
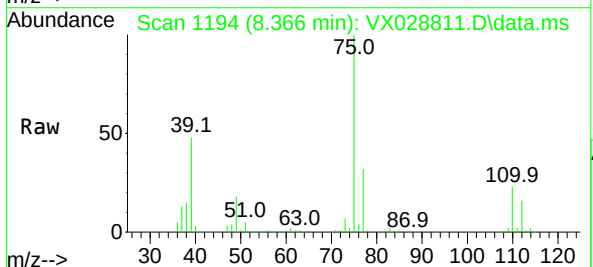
Tgt Ion: 75 Resp: 211411

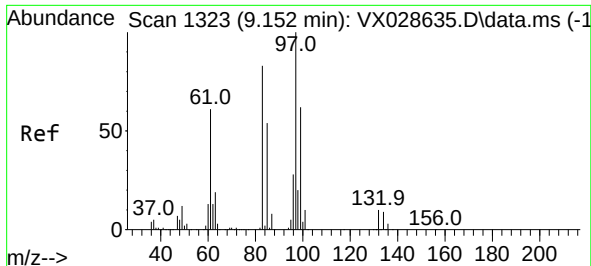
Ion Ratio Lower Upper

75 100

77 32.4 24.8 37.2

39 48.1 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 52.823 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 143172

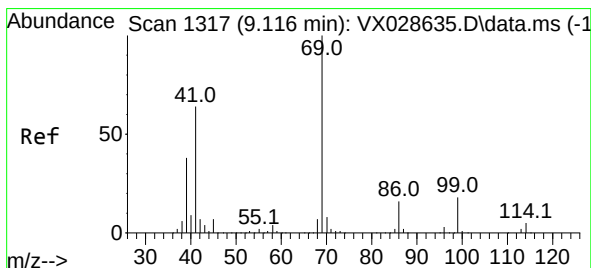
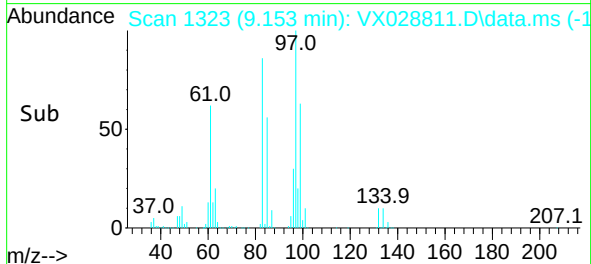
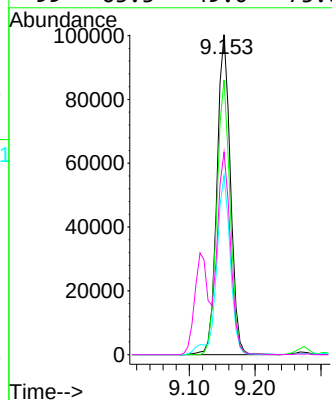
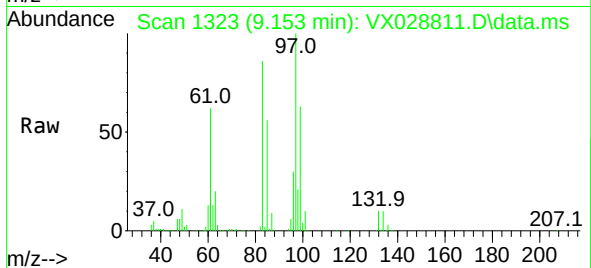
Ion Ratio Lower Upper

97 100

83 85.9 66.2 99.4

85 56.0 42.9 64.3

99 63.3 49.0 73.6



#56

Ethyl methacrylate

Concen: 54.997 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

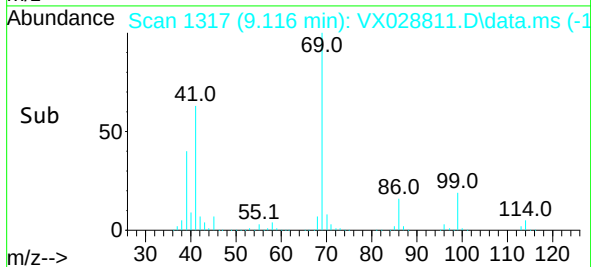
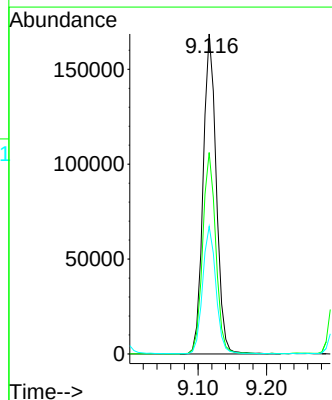
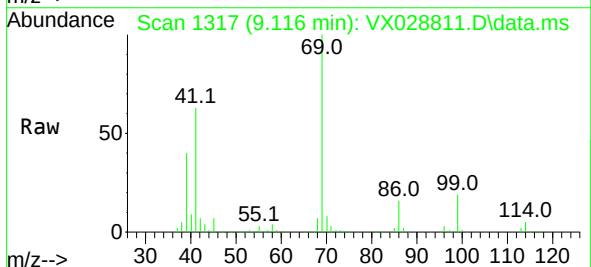
Tgt Ion: 69 Resp: 225734

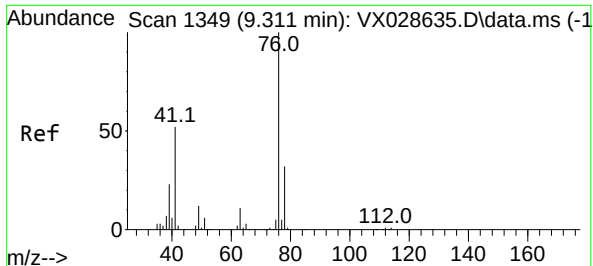
Ion Ratio Lower Upper

69 100

41 62.9 43.8 65.6

39 40.3 22.2 33.2#





#57

1,3-Dichloropropane

Concen: 50.120 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

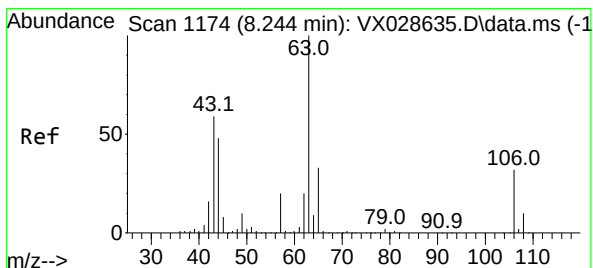
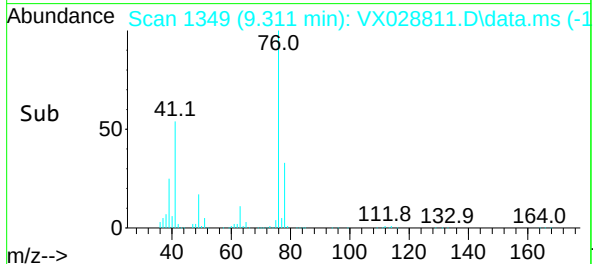
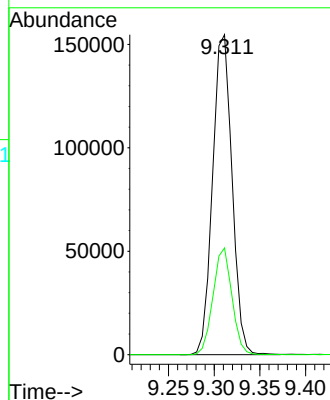
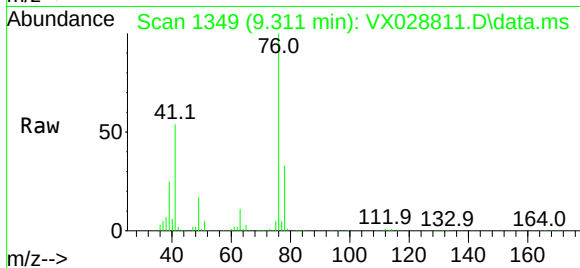
VSTDCCC050EC

Tgt Ion: 76 Resp: 229127

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 263.166 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028811.D

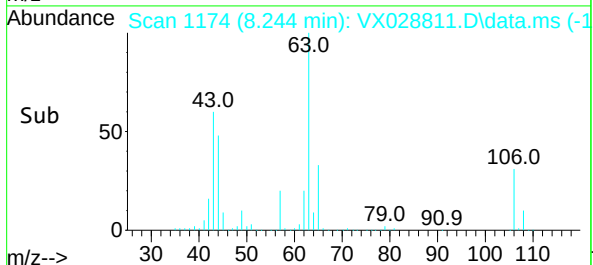
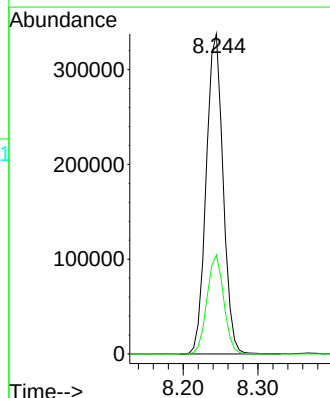
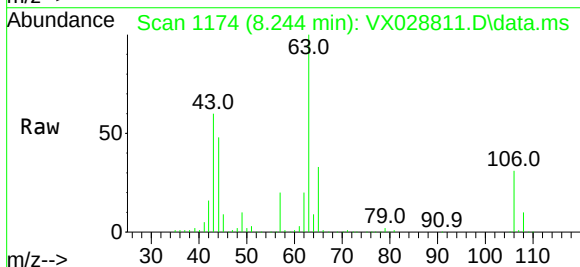
Acq: 18 May 2022 17:32

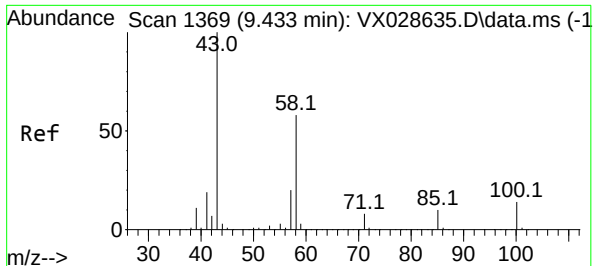
Tgt Ion: 63 Resp: 528833

Ion Ratio Lower Upper

63 100

106 30.7 23.9 35.9

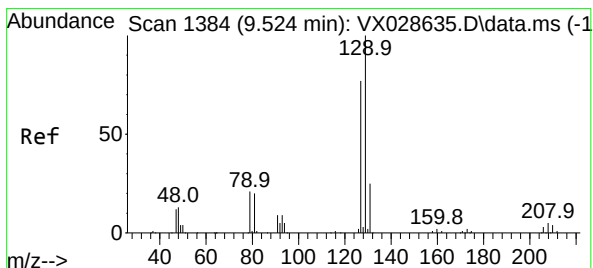
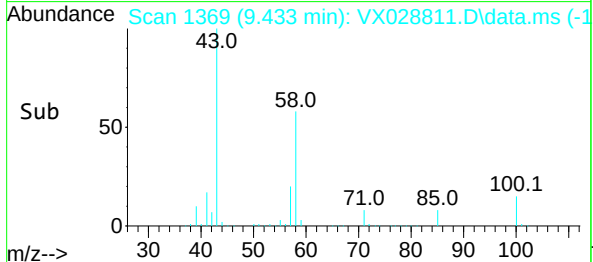
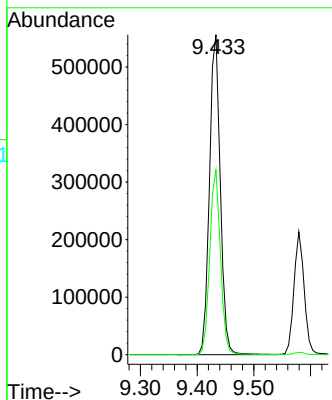
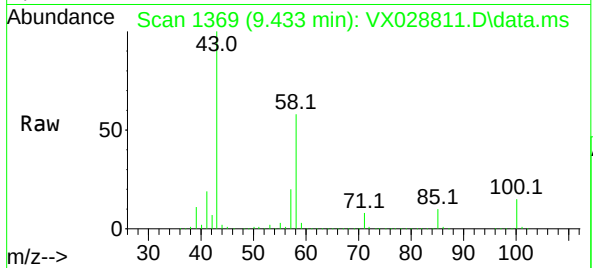




#59
2-Hexanone
Concen: 245.977 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

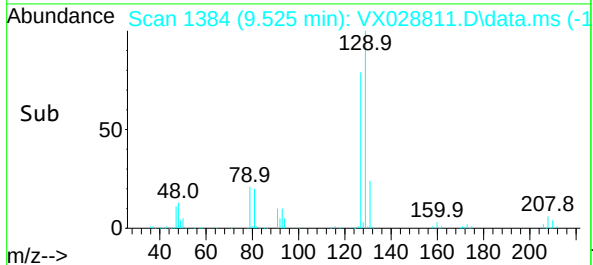
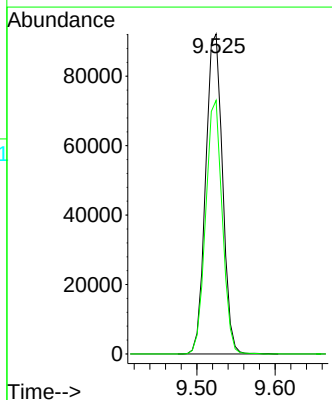
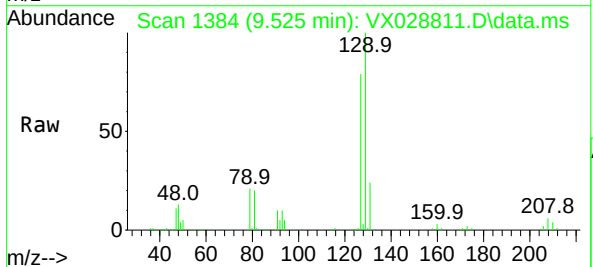
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

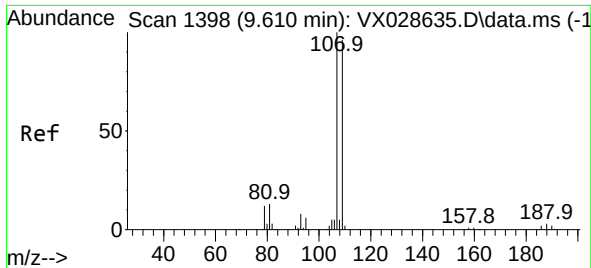
Tgt Ion: 43 Resp: 739533
Ion Ratio Lower Upper
43 100
58 57.1 31.9 95.7



#60
Dibromochloromethane
Concen: 51.942 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 129 Resp: 137302
Ion Ratio Lower Upper
129 100
127 78.0 40.3 120.8

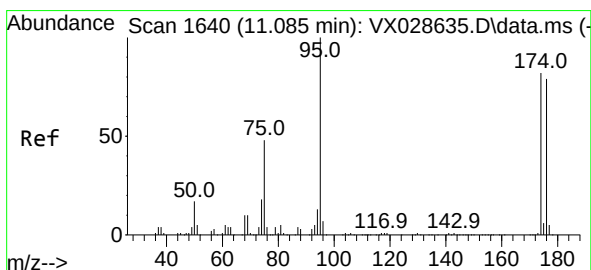
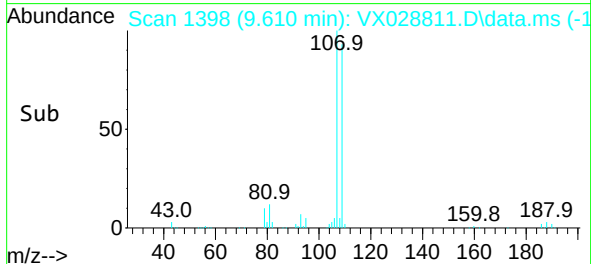
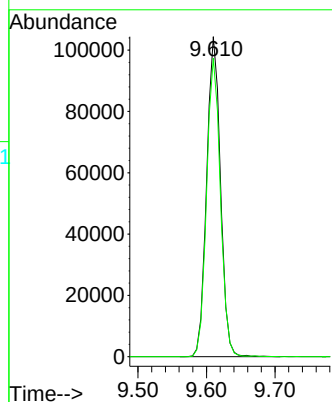
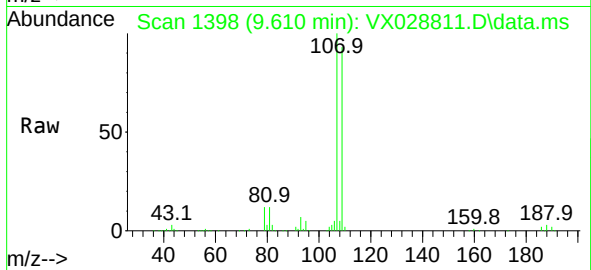




#61
1,2-Dibromoethane
Concen: 51.468 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

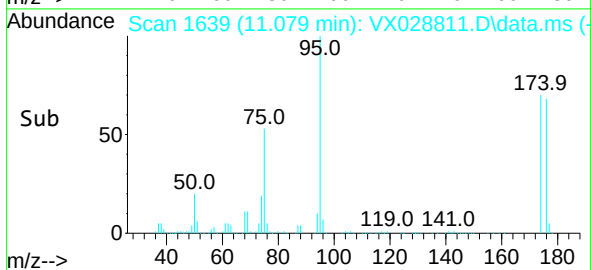
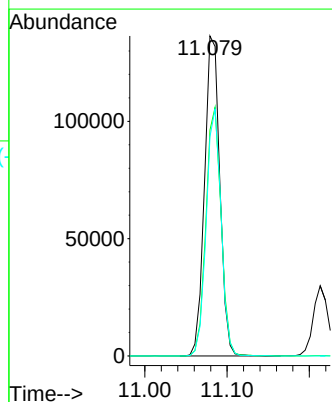
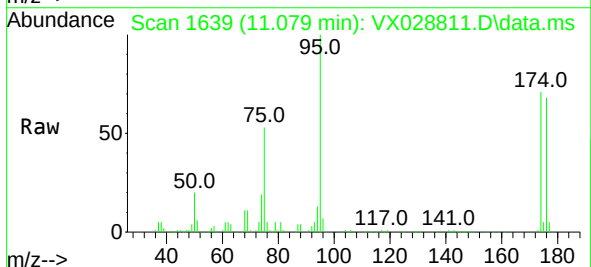
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

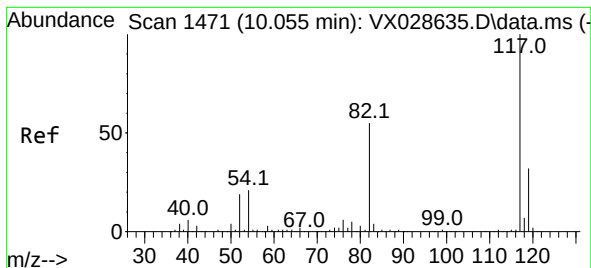
Tgt Ion:107 Resp: 146519
Ion Ratio Lower Upper
107 100
109 93.3 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 52.150 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 95 Resp: 175788
Ion Ratio Lower Upper
95 100
174 77.1 0.0 163.0
176 75.2 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

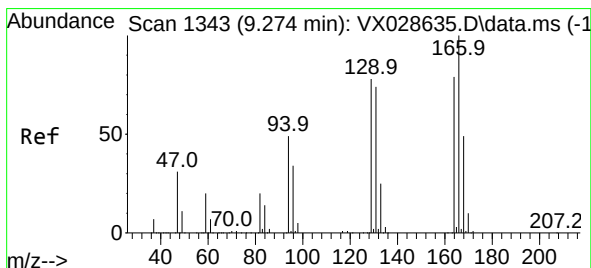
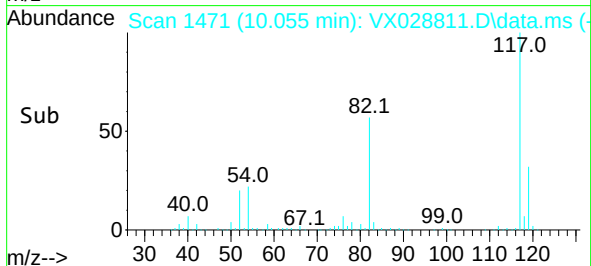
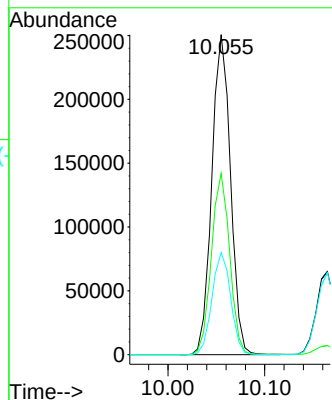
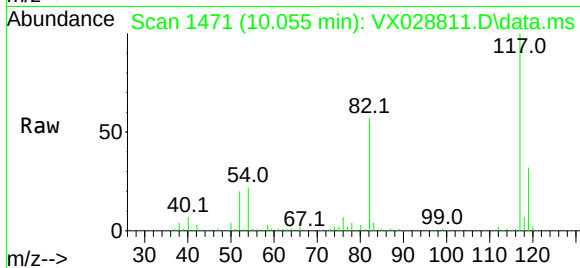
Tgt Ion:117 Resp: 336595

Ion Ratio Lower Upper

117 100

82 56.6 41.8 62.8

119 31.9 24.8 37.2



#64

Tetrachloroethene

Concen: 51.392 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.001 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Tgt Ion:164 Resp: 130631

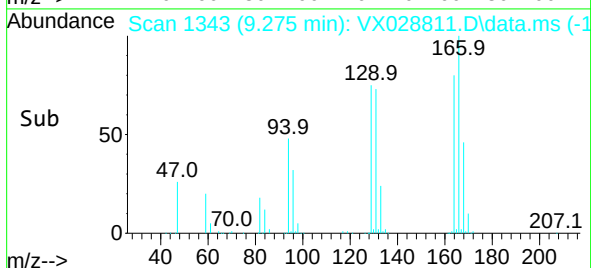
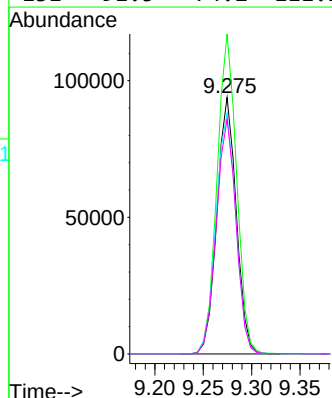
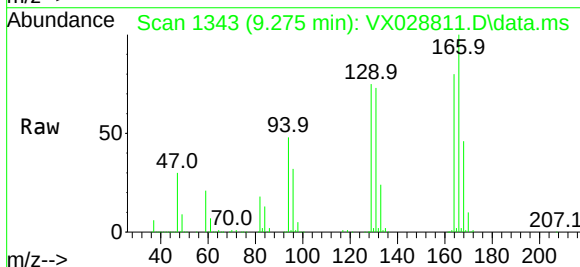
Ion Ratio Lower Upper

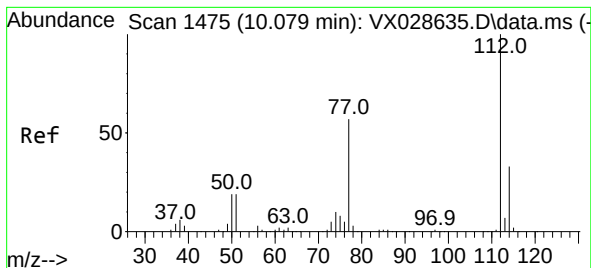
164 100

166 124.8 101.2 151.8

129 93.8 73.0 109.4

131 91.5 74.2 111.2





#65

Chlorobenzene

Concen: 50.608 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

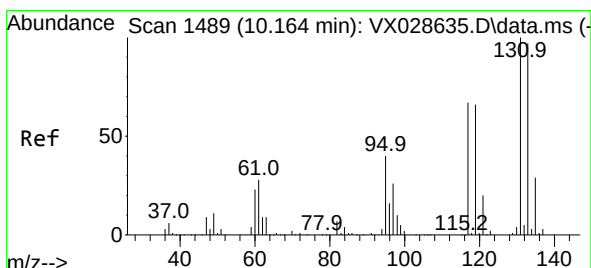
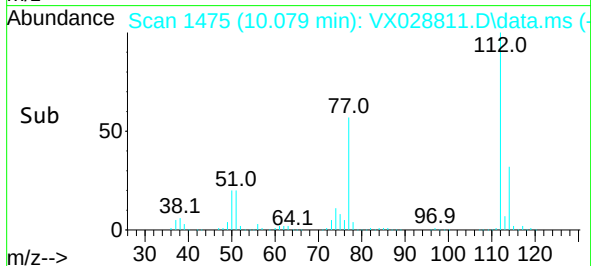
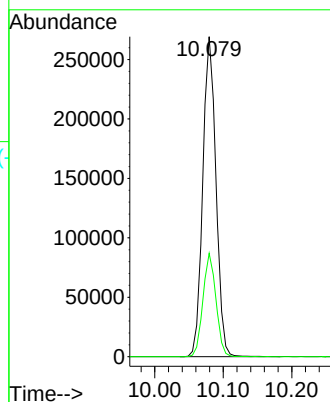
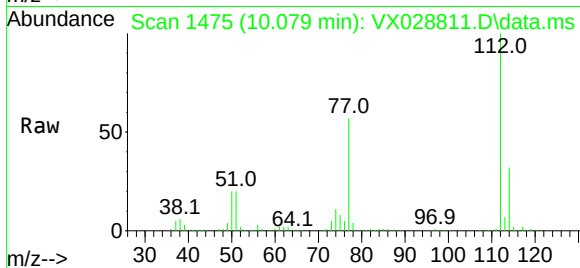
VSTDCCC050EC

Tgt Ion:112 Resp: 361372

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 52.382 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.001 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

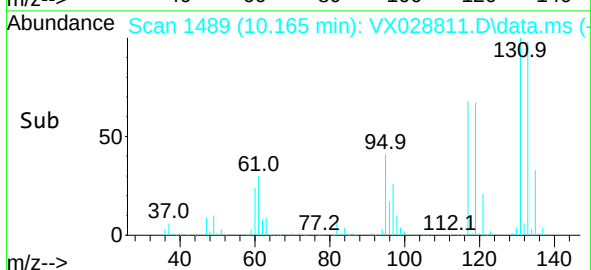
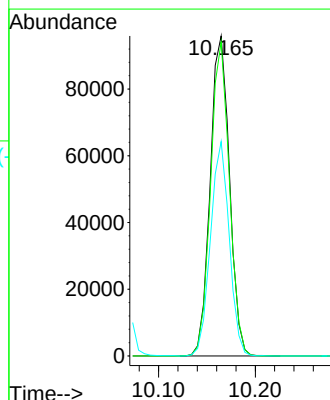
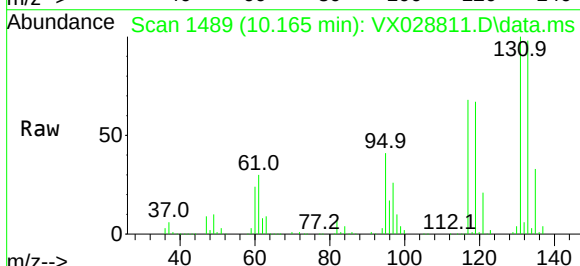
Tgt Ion:131 Resp: 132501

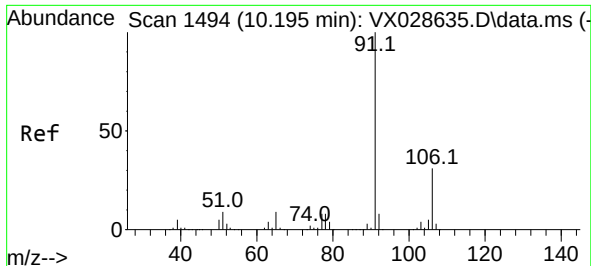
Ion Ratio Lower Upper

131 100

133 95.7 48.3 144.8

119 65.1 32.6 98.0





#67

Ethyl Benzene

Concen: 51.320 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

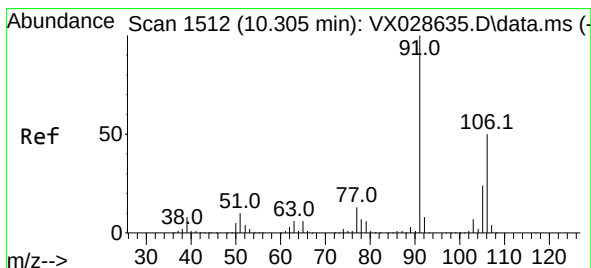
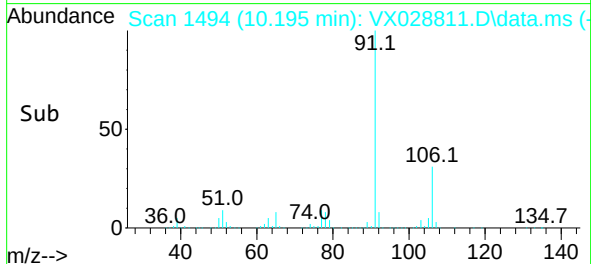
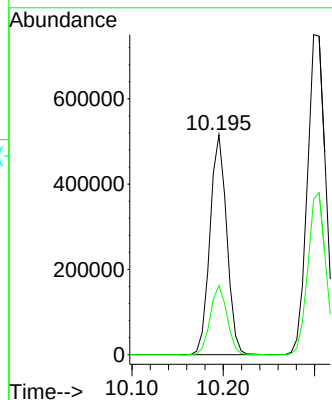
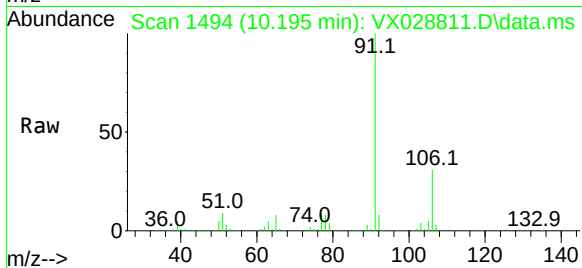
VSTDCCC050EC

Tgt Ion: 91 Resp: 656841

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 103.976 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028811.D

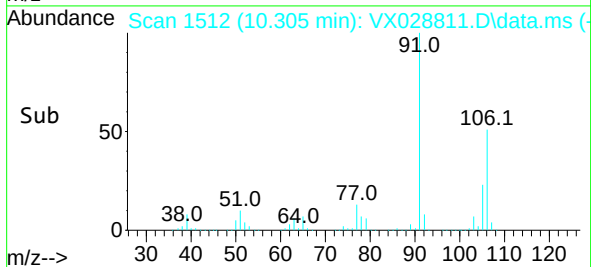
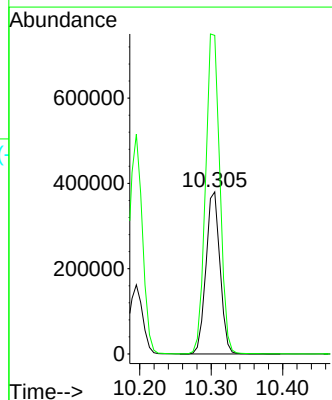
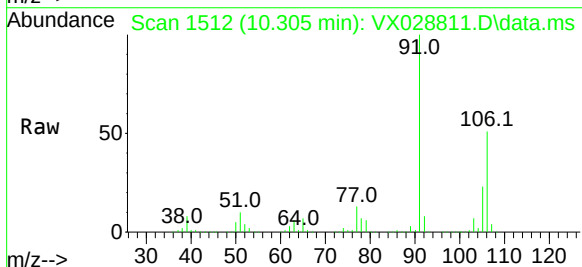
Acq: 18 May 2022 17:32

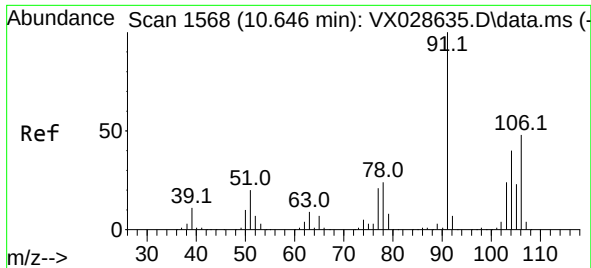
Tgt Ion: 106 Resp: 518107

Ion Ratio Lower Upper

106 100

91 201.4 160.4 240.6

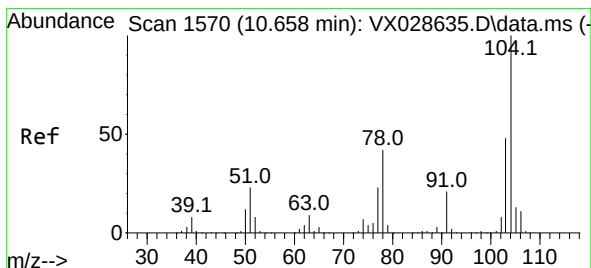
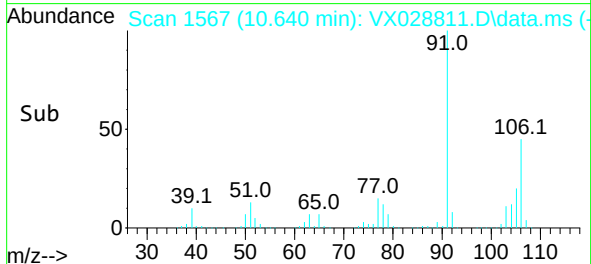
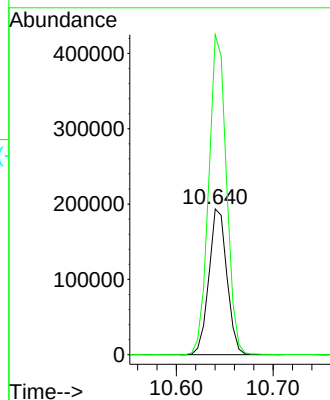
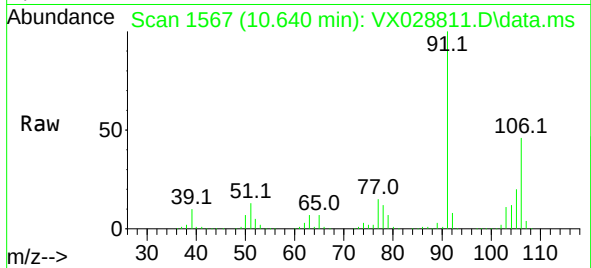




#69
o-Xylene
Concen: 51.177 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

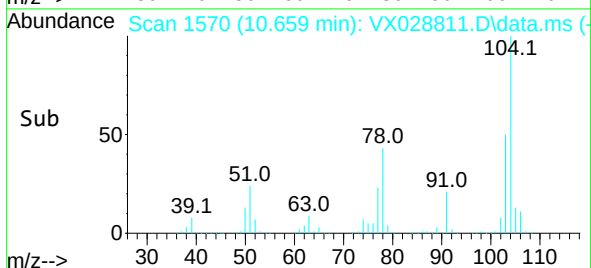
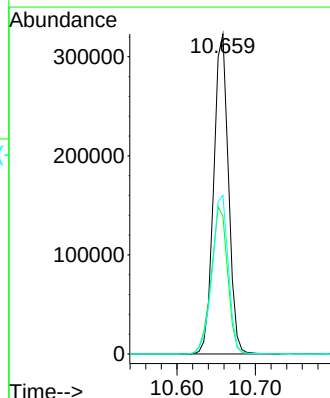
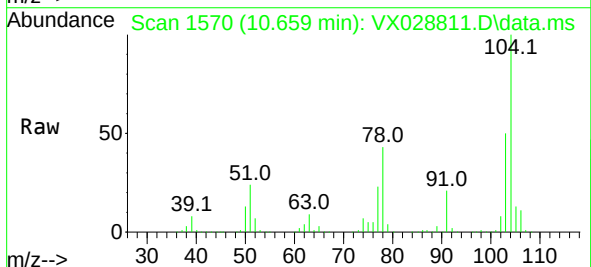
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

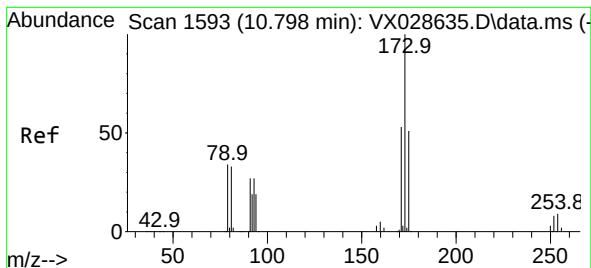
Tgt Ion:106 Resp: 251072
Ion Ratio Lower Upper
106 100
91 216.2 106.1 318.1



#70
Styrene
Concen: 53.061 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion:104 Resp: 422743
Ion Ratio Lower Upper
104 100
78 51.4 38.6 57.8
103 54.5 43.8 65.8





#71

Bromoform

Concen: 45.761 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

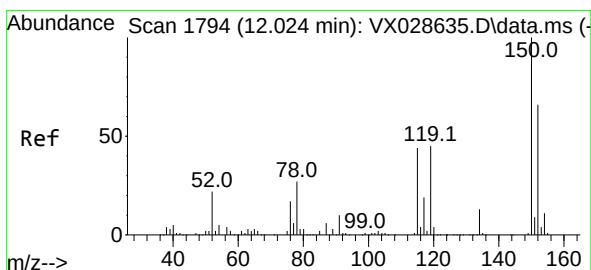
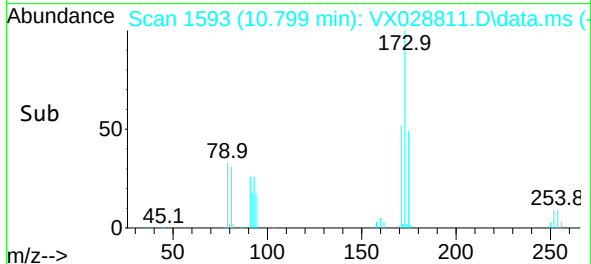
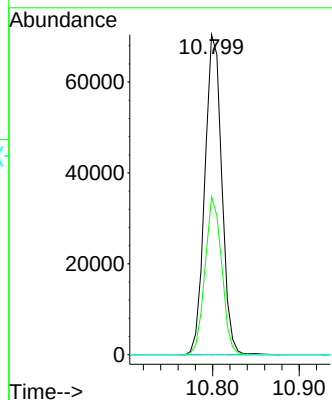
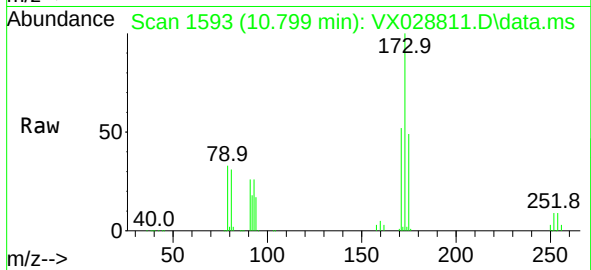
Tgt Ion:173 Resp: 95582

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.2

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: VX028811.D

Acq: 18 May 2022 17:32

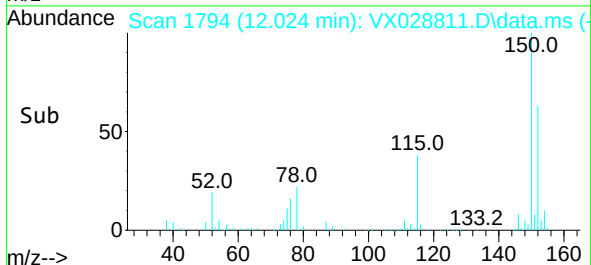
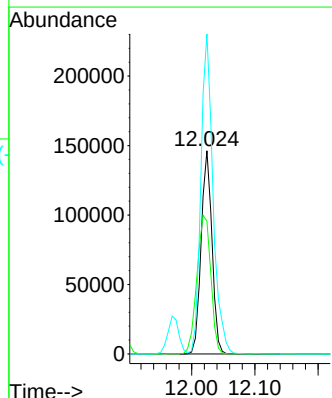
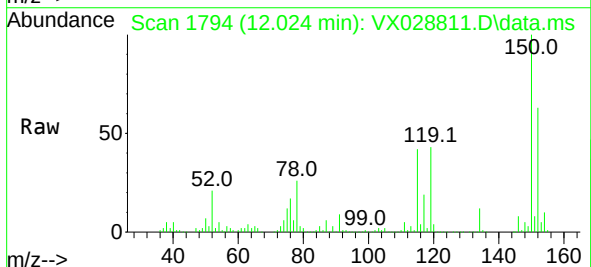
Tgt Ion:152 Resp: 174996

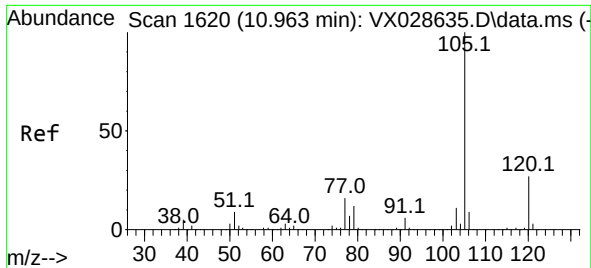
Ion Ratio Lower Upper

152 100

115 87.5 37.5 112.7

150 175.7 0.0 338.2

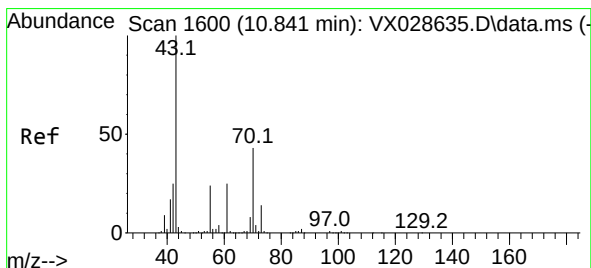
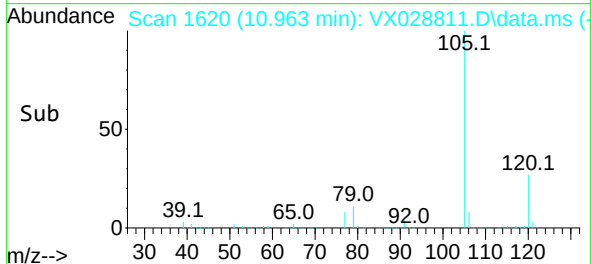
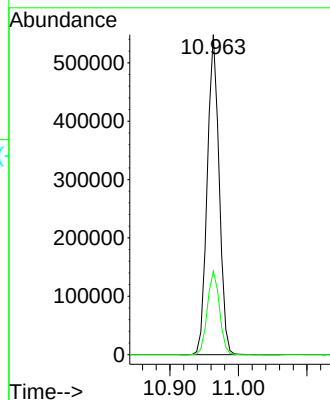
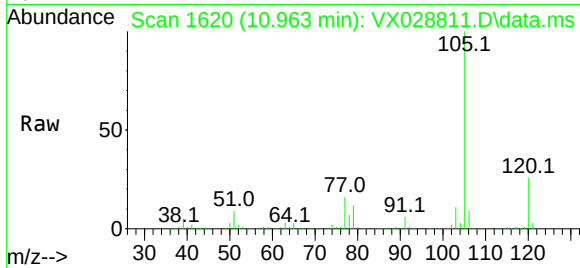




#73
Isopropylbenzene
Concen: 49.845 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

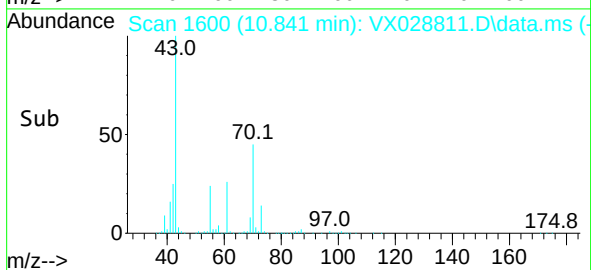
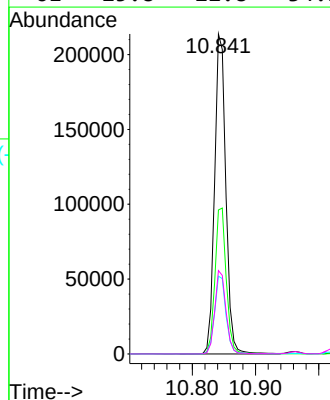
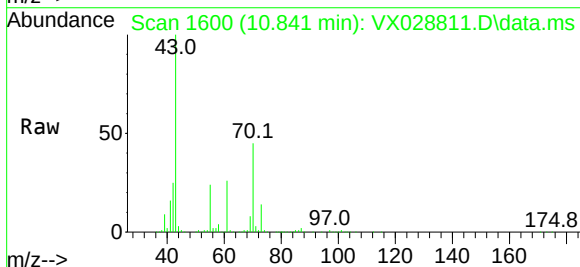
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

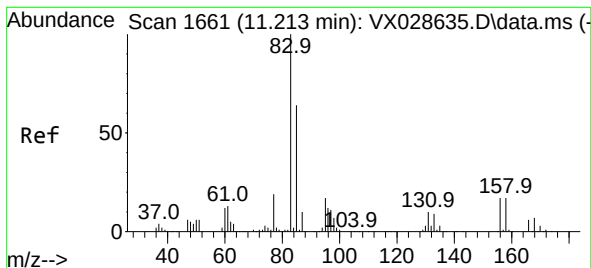
Tgt Ion:105 Resp: 661490
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5



#74
N-ethyl acetate
Concen: 50.616 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 43 Resp: 264046
Ion Ratio Lower Upper
43 100
70 46.0 42.5 63.7
55 24.8 23.1 34.7
61 25.8 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 48.448 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

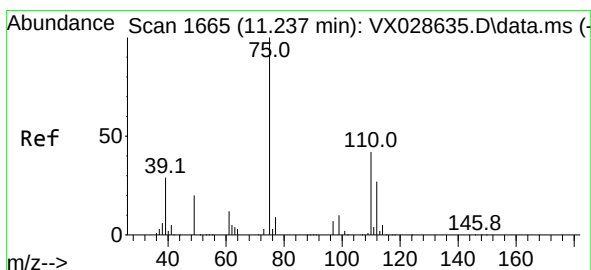
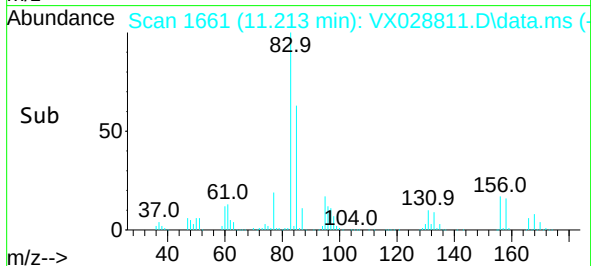
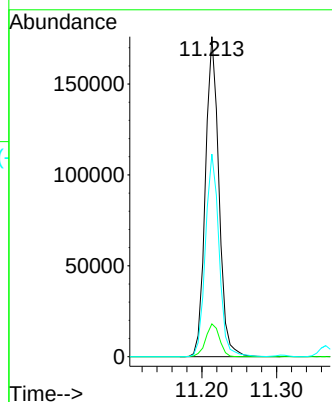
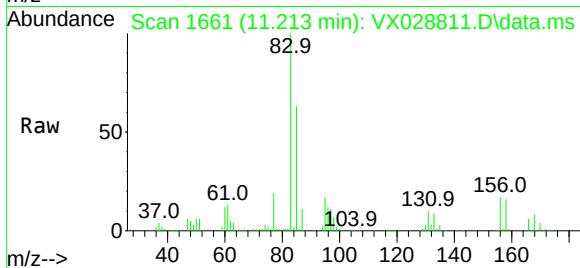
Tgt Ion: 83 Resp: 220570

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

85 64.0 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 59.087 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.001 min

Lab File: VX028811.D

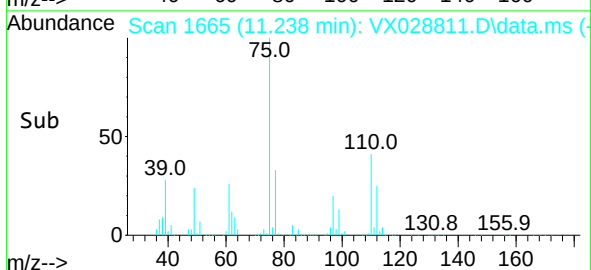
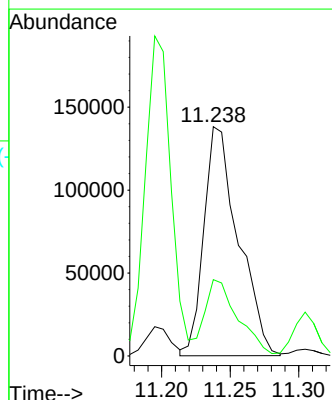
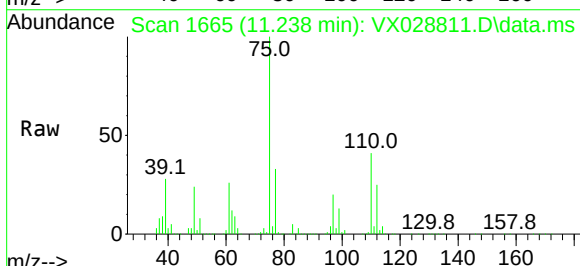
Acq: 18 May 2022 17:32

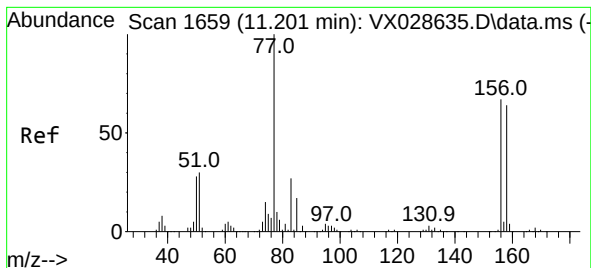
Tgt Ion: 75 Resp: 242154

Ion Ratio Lower Upper

75 100

77 32.5 19.4 58.2





#77

Bromobenzene

Concen: 50.832 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

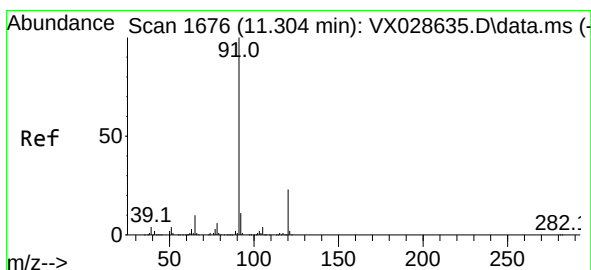
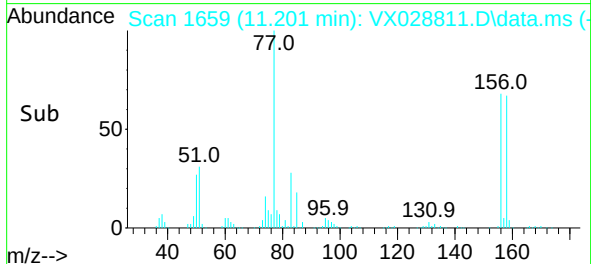
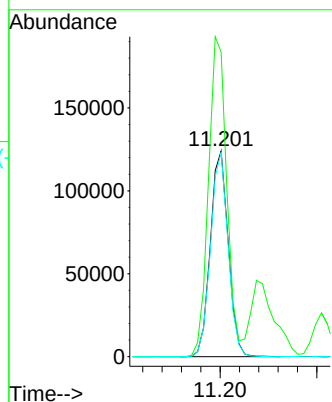
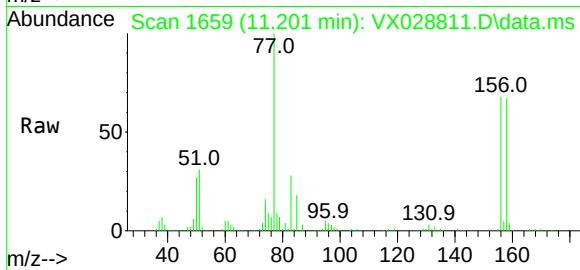
Tgt Ion:156 Resp: 159613

Ion Ratio Lower Upper

156 100

77 157.8 78.5 235.3

158 97.0 50.2 150.7



#78

n-propylbenzene

Concen: 50.495 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX028811.D

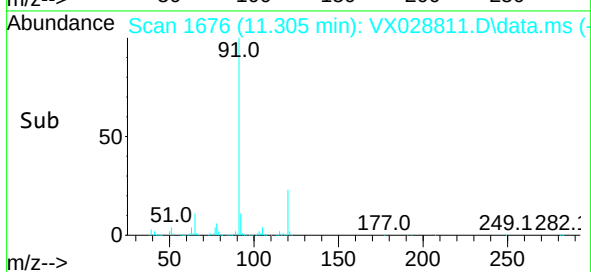
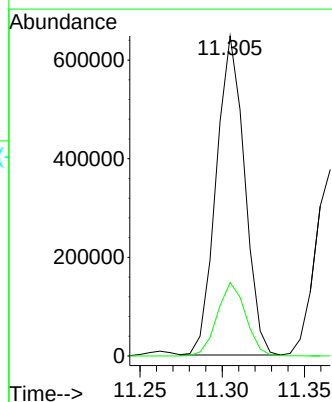
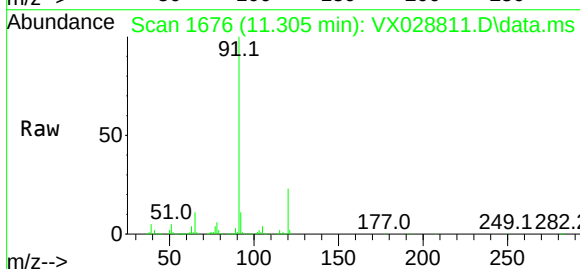
Acq: 18 May 2022 17:32

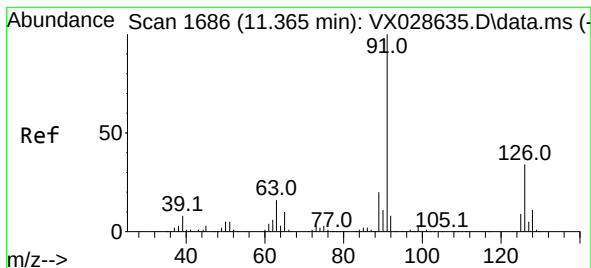
Tgt Ion: 91 Resp: 775140

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8

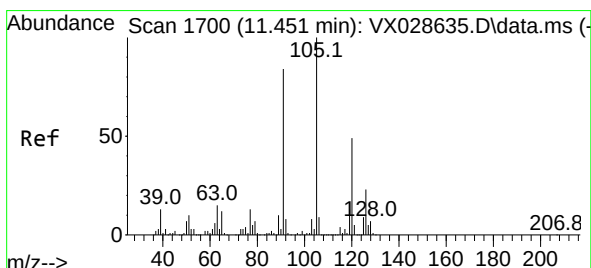
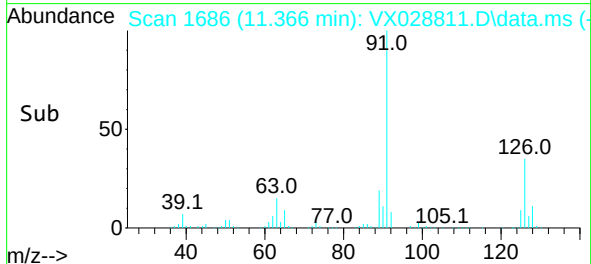
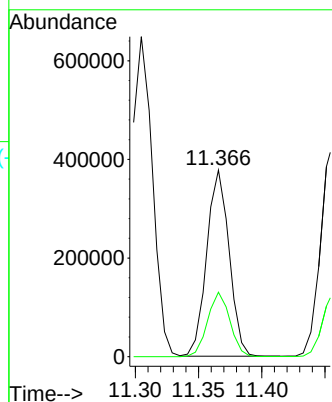
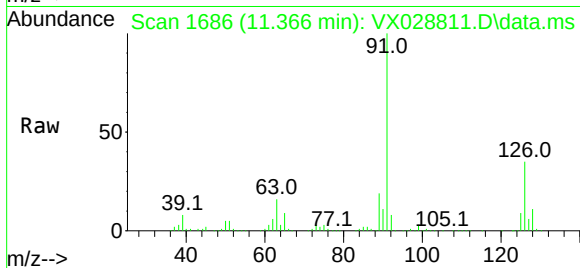




#79
2-Chlorotoluene
Concen: 49.428 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

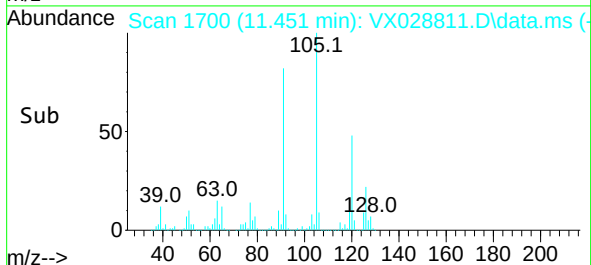
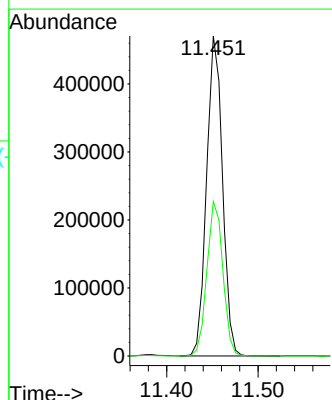
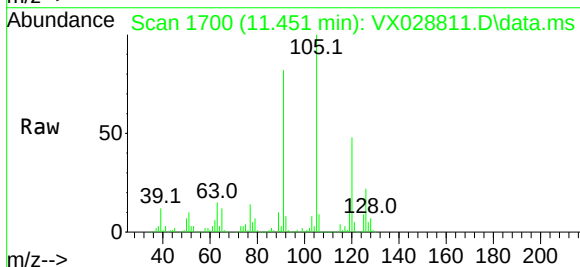
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

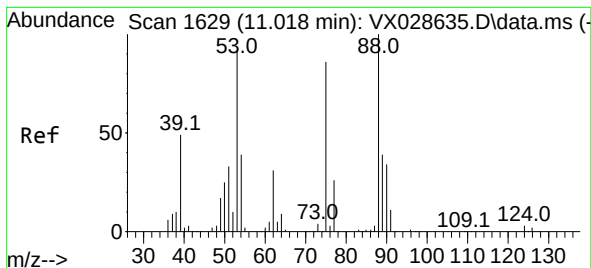
Tgt Ion: 91 Resp: 465049
Ion Ratio Lower Upper
91 100
126 34.4 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 51.184 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 105 Resp: 565982
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9

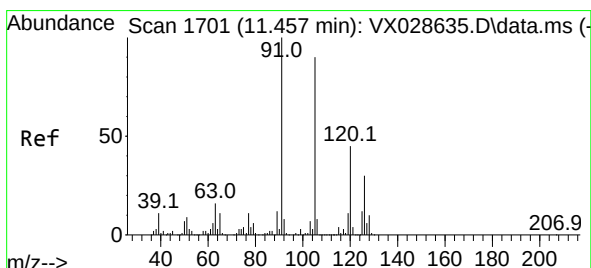
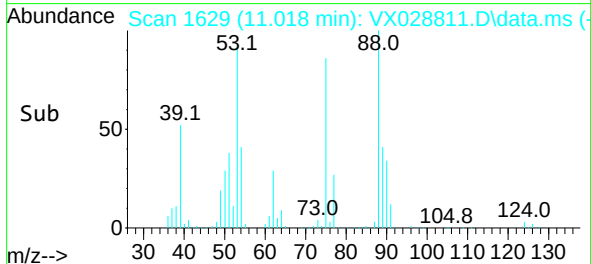
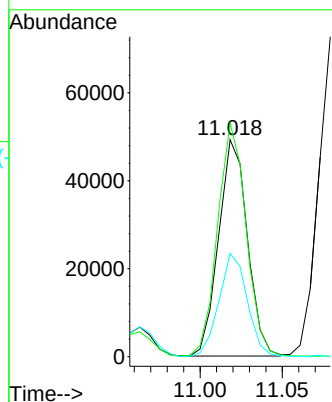
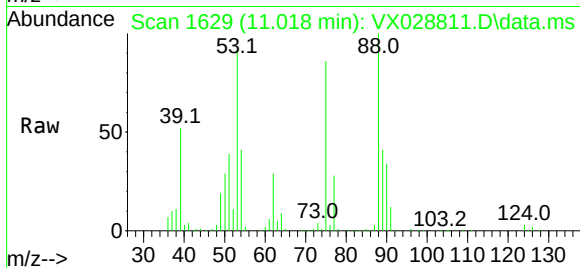




#81
trans-1,4-Dichloro-2-butene
Concen: 44.040 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

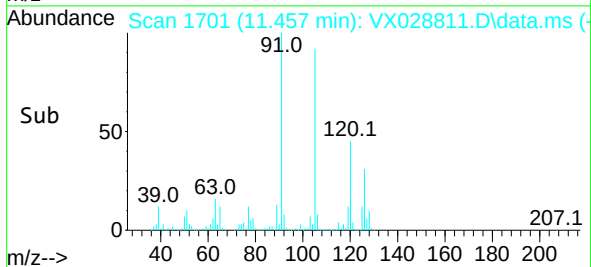
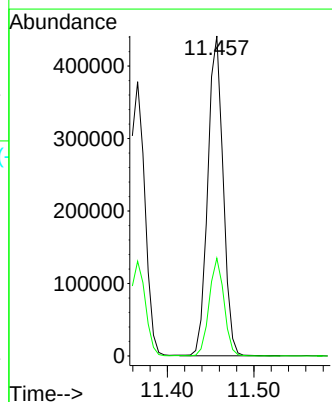
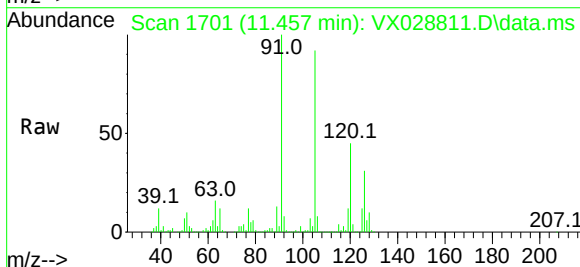
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

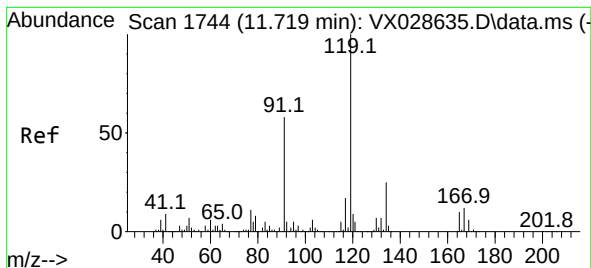
Tgt Ion: 75 Resp: 59813
Ion Ratio Lower Upper
75 100
53 107.2 69.0 103.4#
89 47.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 49.870 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028811.D
Acq: 18 May 2022 17:32

Tgt Ion: 91 Resp: 542427
Ion Ratio Lower Upper
91 100
126 29.6 14.9 44.5





#83

tert-Butylbenzene

Concen: 52.002 ug/l

RT: 11.719 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

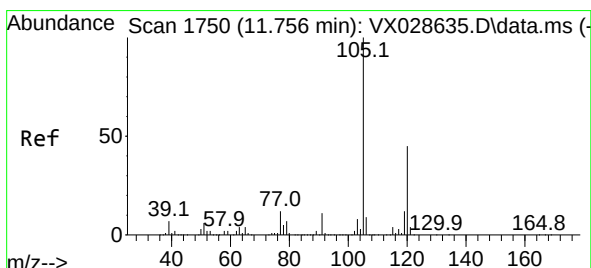
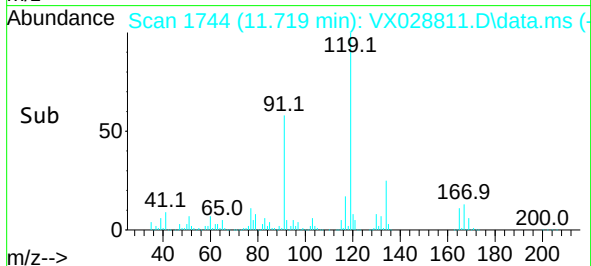
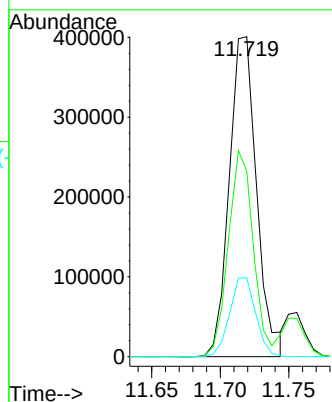
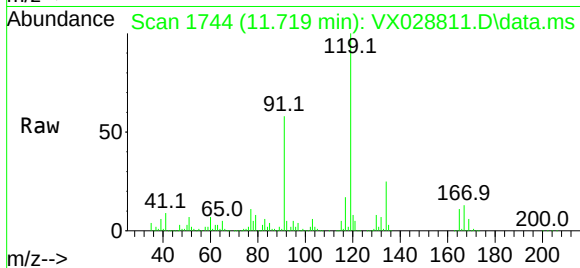
Tgt Ion:119 Resp: 556749

Ion Ratio Lower Upper

119 100

91 58.6 26.9 80.6

134 23.5 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 51.275 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX028811.D

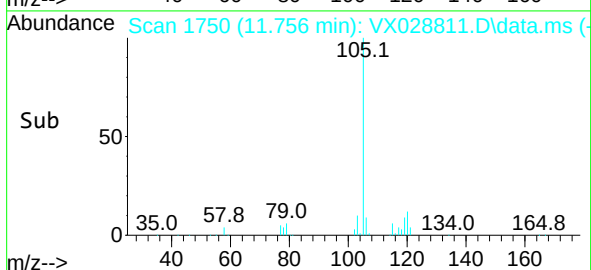
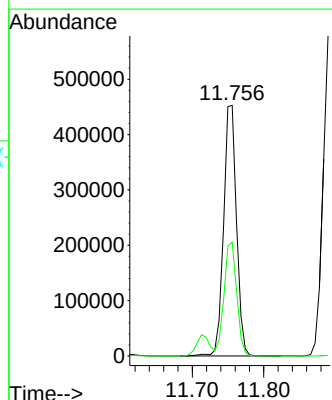
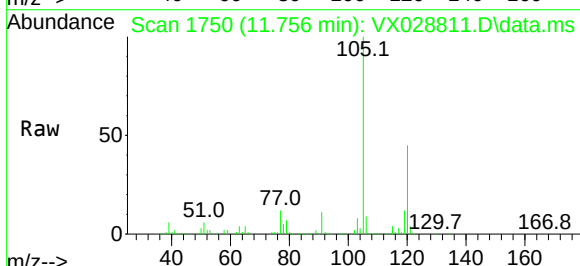
Acq: 18 May 2022 17:32

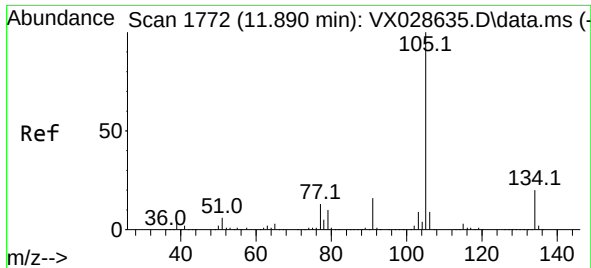
Tgt Ion:105 Resp: 568577

Ion Ratio Lower Upper

105 100

120 44.7 22.6 67.8

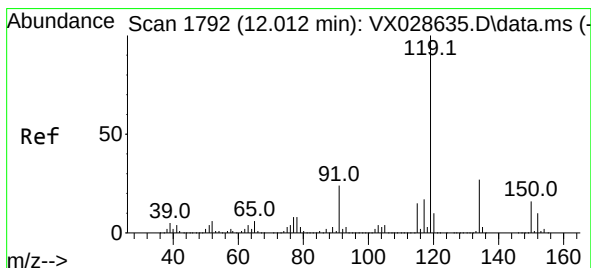
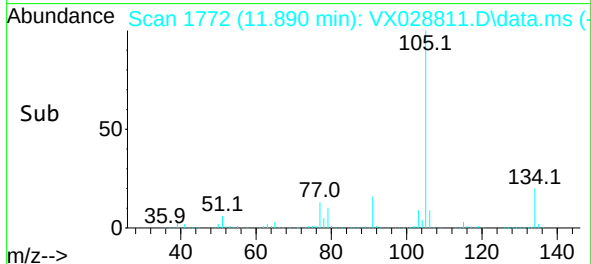
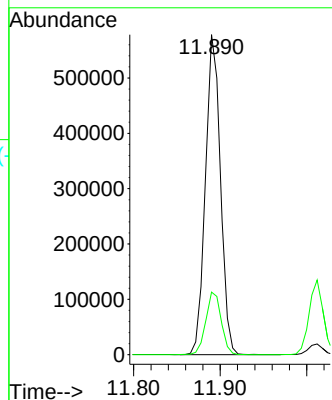
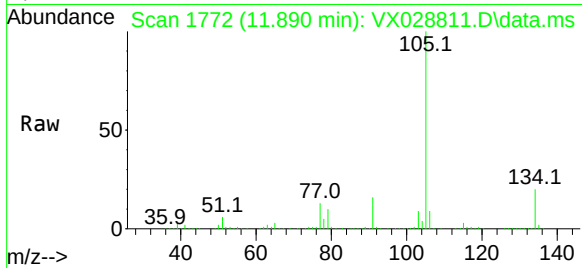




#85
 sec-Butylbenzene
 Concen: 52.782 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028811.D
 Acq: 18 May 2022 17:32

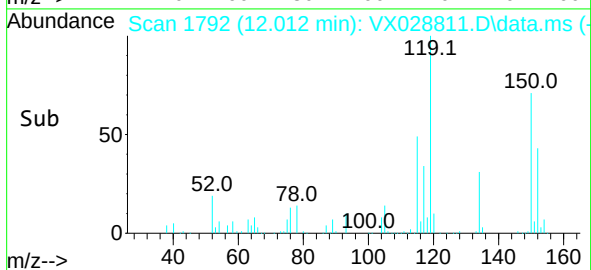
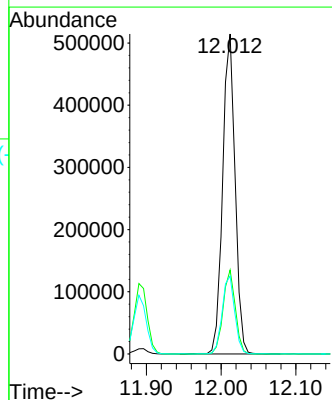
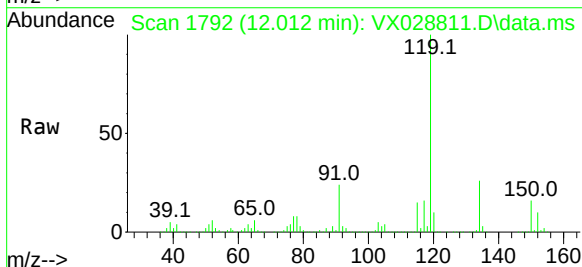
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

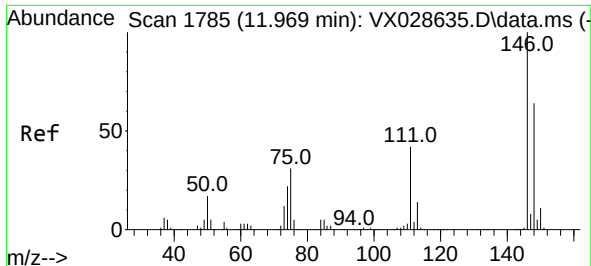
Tgt Ion:105 Resp: 697060
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 53.746 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028811.D
 Acq: 18 May 2022 17:32

Tgt Ion:119 Resp: 595605
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.5 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 53.111 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

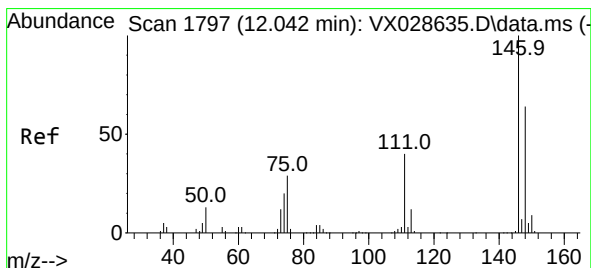
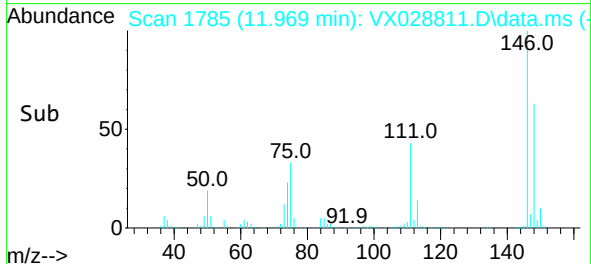
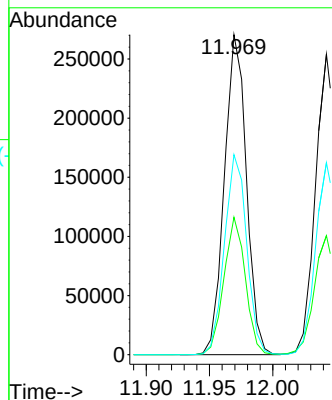
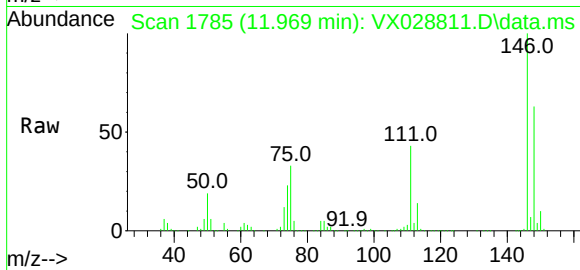
Tgt Ion:146 Resp: 327110

Ion Ratio Lower Upper

146 100

111 42.0 19.7 59.1

148 63.3 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 48.335 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

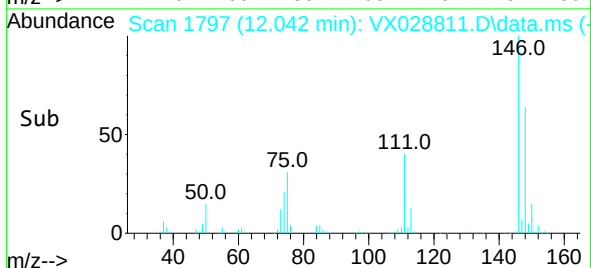
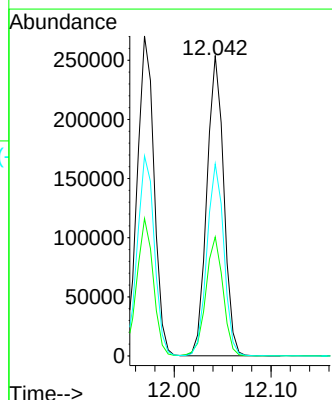
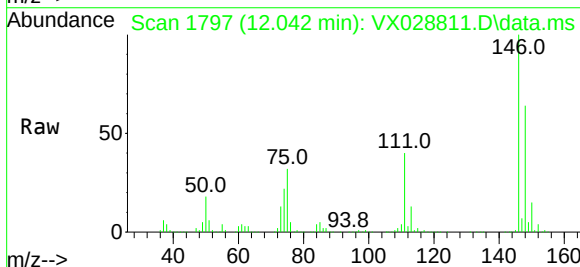
Tgt Ion:146 Resp: 308782

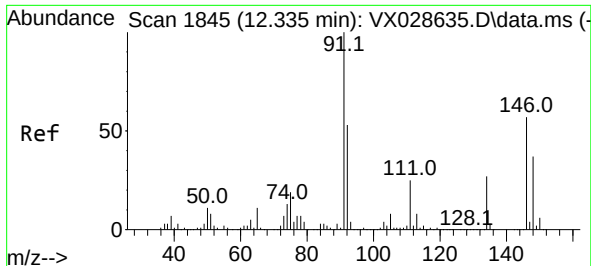
Ion Ratio Lower Upper

146 100

111 40.2 19.2 57.6

148 64.2 32.3 96.9





#89

n-Butylbenzene

Concen: 53.799 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

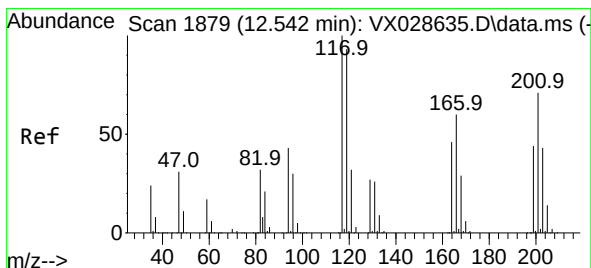
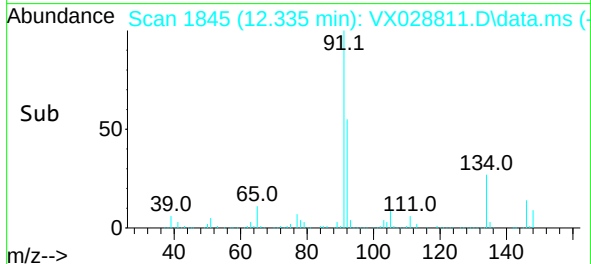
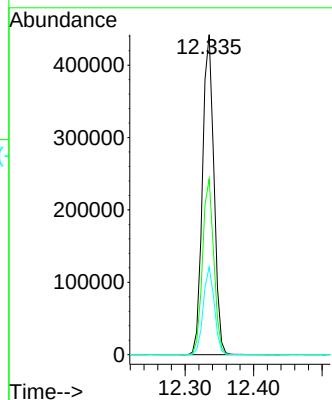
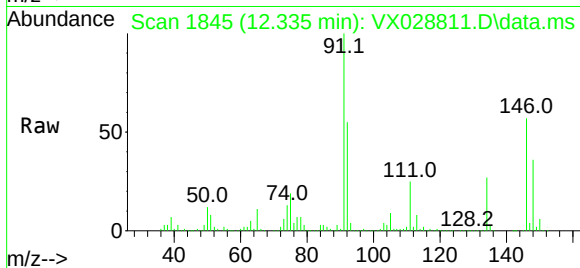
Tgt Ion: 91 Resp: 516567

Ion Ratio Lower Upper

91 100

92 54.0 27.8 83.3

134 26.5 13.3 39.8



#90

Hexachloroethane

Concen: 53.072 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX028811.D

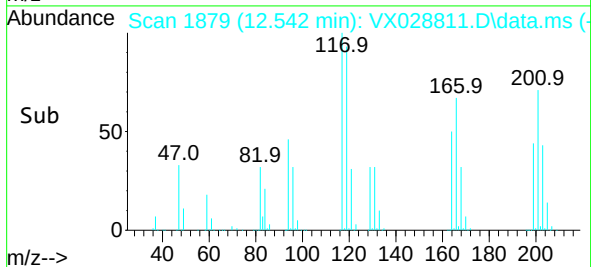
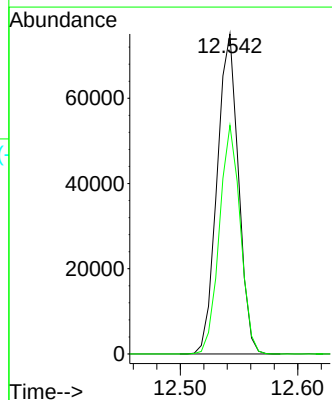
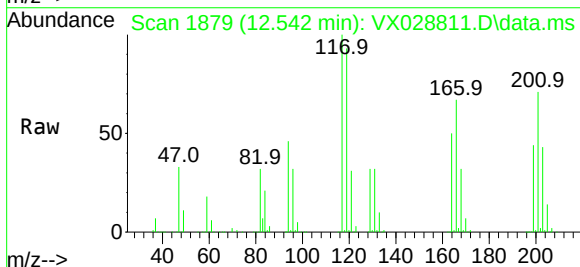
Acq: 18 May 2022 17:32

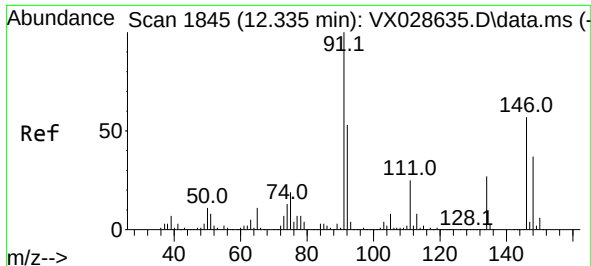
Tgt Ion: 117 Resp: 95109

Ion Ratio Lower Upper

117 100

201 69.9 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 50.834 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

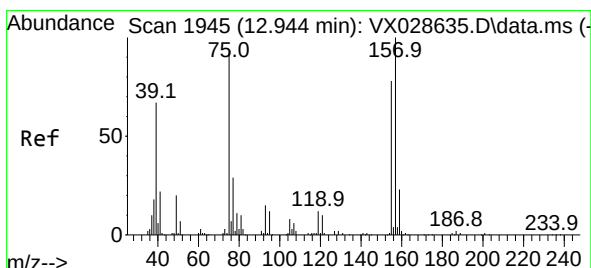
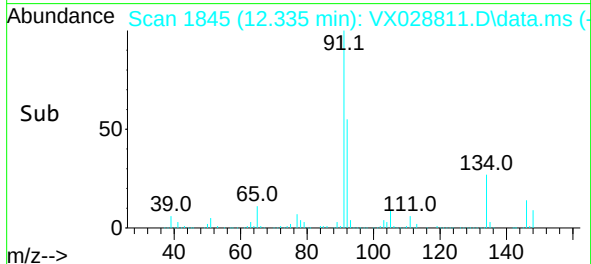
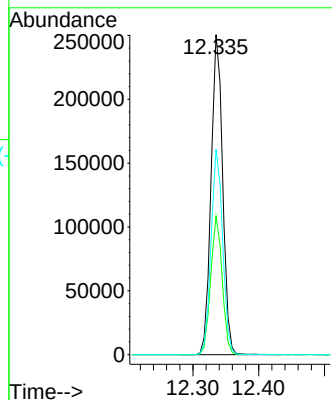
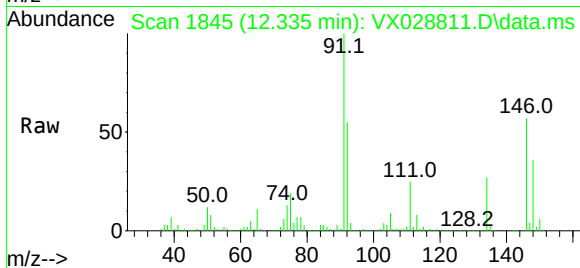
Tgt Ion:146 Resp: 307561

Ion Ratio Lower Upper

146 100

111 42.8 21.0 63.0

148 64.1 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.330 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.001 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

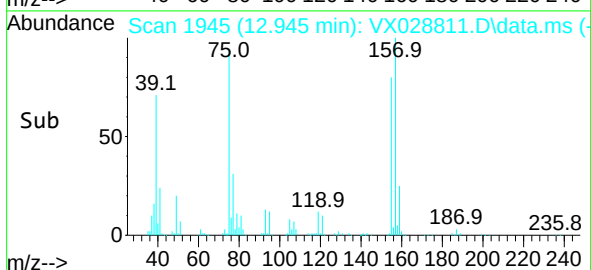
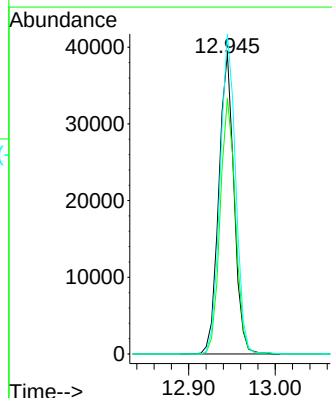
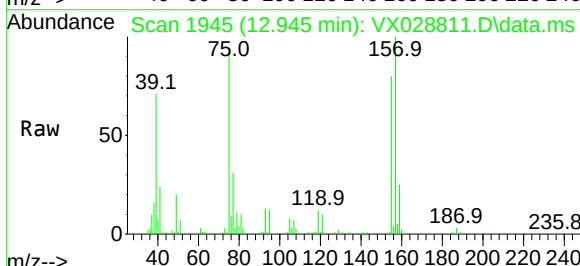
Tgt Ion: 75 Resp: 47955

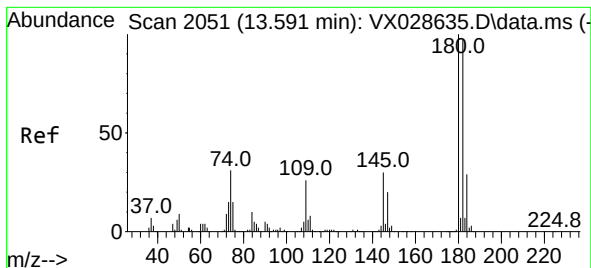
Ion Ratio Lower Upper

75 100

155 85.0 47.0 141.2

157 108.1 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 53.105 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

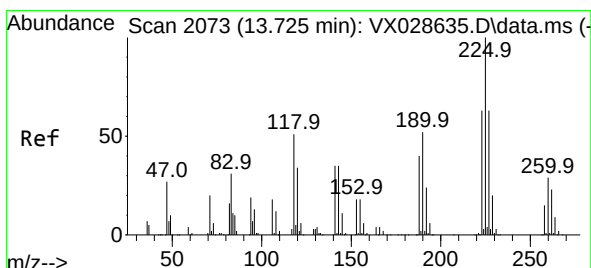
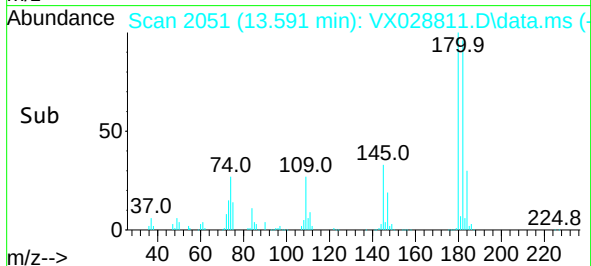
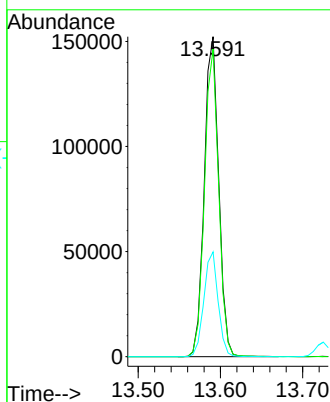
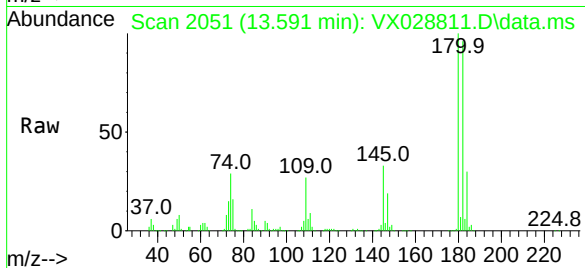
Tgt Ion:180 Resp: 185575

Ion Ratio Lower Upper

180 100

182 94.5 47.7 143.1

145 32.4 15.2 45.5



#94

Hexachlorobutadiene

Concen: 55.050 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

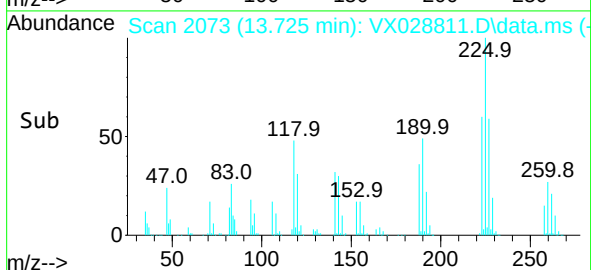
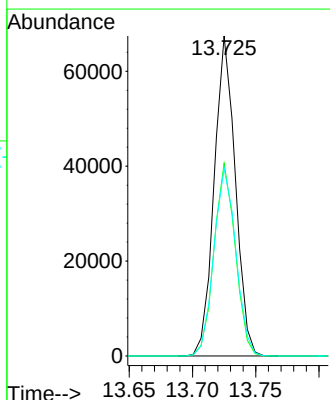
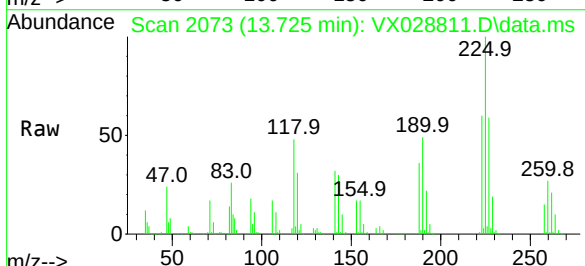
Tgt Ion:225 Resp: 78152

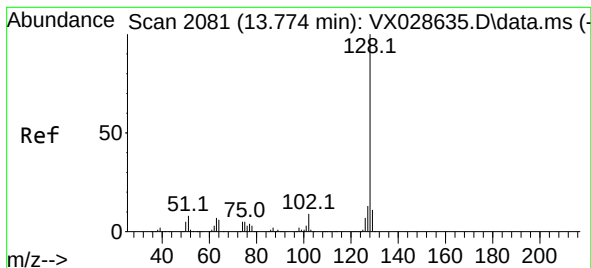
Ion Ratio Lower Upper

225 100

223 60.4 34.2 102.5

227 61.3 33.9 101.7





#95

Naphthalene

Concen: 52.314 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

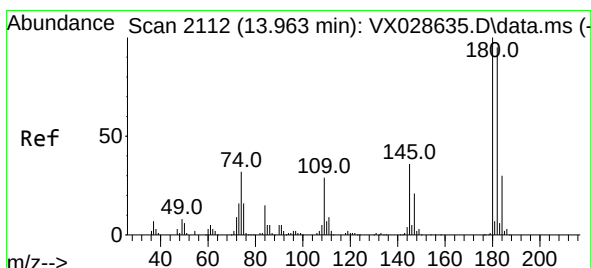
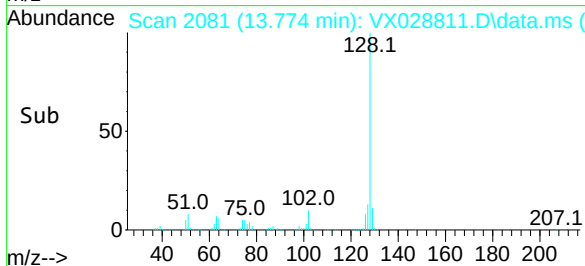
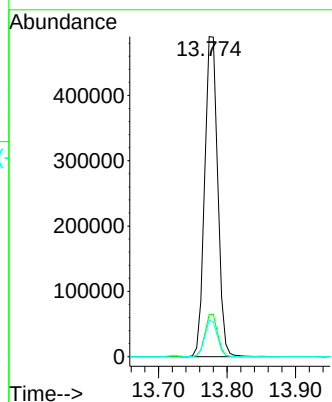
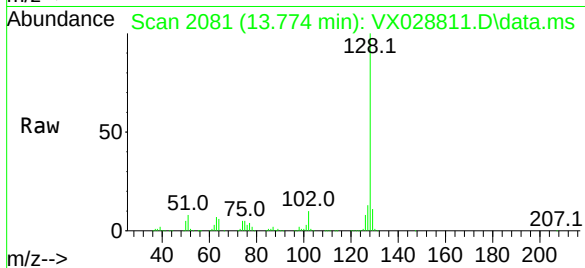
Tgt Ion:128 Resp: 650531

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 59.687 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028811.D

Acq: 18 May 2022 17:32

Tgt Ion:180 Resp: 209486

Ion Ratio Lower Upper

180 100

182 95.1 50.0 149.8

145 34.4 16.2 48.5

