

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071222\
 Data File : VX030156.D
 Acq On : 21 Jul 2022 11:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 21 15:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	206220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	355781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168143	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130908	52.153	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.300%	
35) Dibromofluoromethane	5.385	113	109884	48.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.700%	
50) Toluene-d8	8.653	98	419638	49.091	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.180%	
62) 4-Bromofluorobenzene	11.085	95	164002	55.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	112829	48.133	ug/l	99
3) Chloromethane	1.288	50	107225	49.897	ug/l	99
4) Vinyl Chloride	1.374	62	109870	46.031	ug/l	99
5) Bromomethane	1.593	94	40576	40.019	ug/l	93
6) Chloroethane	1.666	64	63093	46.940	ug/l	95
7) Trichlorofluoromethane	1.874	101	150317	48.764	ug/l	97
8) Diethyl Ether	2.136	74	58022	45.499	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	107922	51.285	ug/l	97
10) Methyl Iodide	2.447	142	102760	49.750	ug/l	98
11) Tert butyl alcohol	2.983	59	173705	268.137	ug/l	98
12) 1,1-Dichloroethene	2.313	96	104755	49.858	ug/l	95
13) Acrolein	2.239	56	28471	220.666	ug/l	97
14) Allyl chloride	2.660	41	211828	57.692	ug/l	98
15) Acrylonitrile	3.069	53	416382	282.810	ug/l	99
16) Acetone	2.386	43	341945	289.107	ug/l	96
17) Carbon Disulfide	2.502	76	259390	44.074	ug/l	98
18) Methyl Acetate	2.703	43	207118	57.562	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	371428	55.927	ug/l	96
20) Methylene Chloride	2.782	84	125988	52.792	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	115856	52.902	ug/l	100
22) Diisopropyl ether	3.764	45	424390	59.049	ug/l	92
23) Vinyl Acetate	3.721	43	1867253	306.901	ug/l	97
24) 1,1-Dichloroethane	3.605	63	214423	53.840	ug/l	98
25) 2-Butanone	4.562	43	599962	297.783	ug/l	96
26) 2,2-Dichloropropane	4.471	77	165332	59.098	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	135146	50.393	ug/l	95
28) Bromochloromethane	4.897	49	84237	50.277	ug/l	96
29) Tetrahydrofuran	5.007	42	403234	294.909	ug/l	96
30) Chloroform	5.093	83	218184	54.974	ug/l	98
31) Cyclohexane	5.471	56	196828	54.092	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	178467	55.018	ug/l	99
36) 1,1-Dichloropropene	5.696	75	158307	53.923	ug/l	98
37) Ethyl Acetate	4.721	43	220444	58.435	ug/l	99
38) Carbon Tetrachloride	5.678	117	148407	54.207	ug/l	98
39) Methylcyclohexane	7.385	83	204365	54.912	ug/l	99
40) Benzene	6.037	78	496327	53.713	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	121598	59.864	ug/l	97
42) 1,2-Dichloroethane	6.086	62	168807	58.946	ug/l	98
43) Isopropyl Acetate	6.342	43	333067	58.714	ug/l	98
44) Trichloroethene	7.129	130	131468	48.689	ug/l	98
45) 1,2-Dichloropropane	7.434	63	133037	55.390	ug/l	98
46) Dibromomethane	7.580	93	87669	53.033	ug/l	97
47) Bromodichloromethane	7.824	83	165614	55.212	ug/l	96
48) Methyl methacrylate	7.696	41	165867	63.370	ug/l	96
49) 1,4-Dioxane	7.665	88	78951	1160.994	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1164802	310.298	ug/l	97
52) Toluene	8.720	92	310637	52.940	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	182024	58.420	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	200873	56.276	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	131726	54.438	ug/l	96
56) Ethyl methacrylate	9.122	69	216011	59.375	ug/l	95
57) 1,3-Dichloropropane	9.311	76	213196	55.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	560967	283.965	ug/l	98
59) 2-Hexanone	9.433	43	941874	327.193	ug/l	97
60) Dibromochloromethane	9.525	129	125463	53.221	ug/l	100
61) 1,2-Dibromoethane	9.610	107	135829	53.935	ug/l	100
64) Tetrachloroethene	9.275	164	131169	50.258	ug/l	97
65) Chlorobenzene	10.079	112	334058	51.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	117104	53.056	ug/l	99
67) Ethyl Benzene	10.195	91	610571	55.644	ug/l	98
68) m/p-Xylenes	10.305	106	469993	109.206	ug/l	97
69) o-Xylene	10.646	106	232470	53.947	ug/l	97
70) Styrene	10.659	104	397468	55.572	ug/l	98
71) Bromoform	10.799	173	89720	50.595	ug/l #	97
73) Isopropylbenzene	10.963	105	604307	51.616	ug/l	99
74) N-amyl acetate	10.848	43	304169	59.152	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	216052	51.149	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	252117	65.214	ug/l	88
77) Bromobenzene	11.201	156	140299	47.895	ug/l	95
78) n-propylbenzene	11.305	91	738087	53.140	ug/l	100
79) 2-Chlorotoluene	11.366	91	440307	52.926	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	519194	52.629	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	71430	53.323	ug/l	96
82) 4-Chlorotoluene	11.457	91	505128	54.192	ug/l	99
83) tert-Butylbenzene	11.719	119	486198	51.391	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	527898	54.099	ug/l	98
85) sec-Butylbenzene	11.890	105	680030	54.372	ug/l	98
86) p-Isopropyltoluene	12.012	119	546609	54.477	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	280774	51.876	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	277654	49.989	ug/l	100
89) n-Butylbenzene	12.335	91	526042	58.514	ug/l	100
90) Hexachloroethane	12.542	117	88899	51.828	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	271392	49.355	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50382	52.238	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	166132	49.189	ug/l	98
94) Hexachlorobutadiene	13.725	225	64497	47.831	ug/l	97
95) Naphthalene	13.780	128	655137	48.868	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	168083	48.911	ug/l	99

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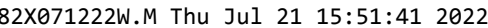
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MSVOA_X
ClientSampleId :
VSTDCCC050

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

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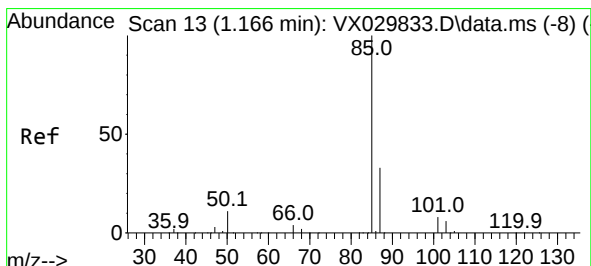
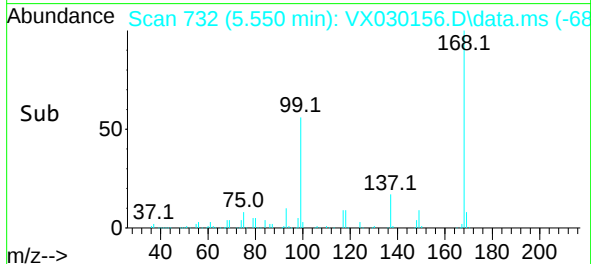
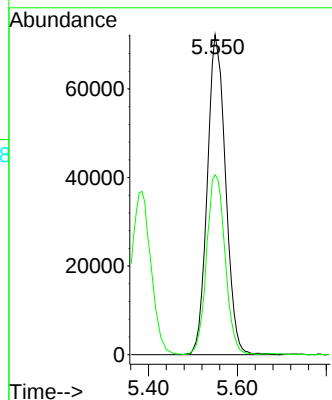
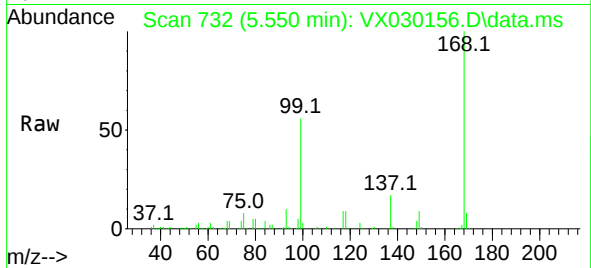




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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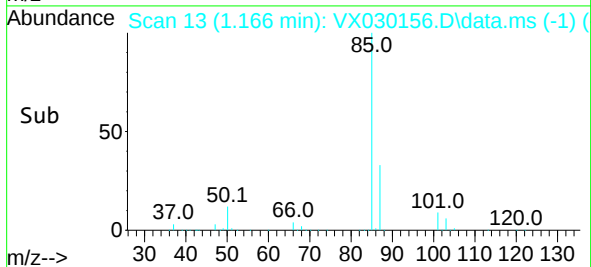
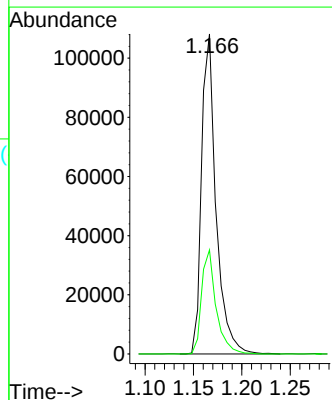
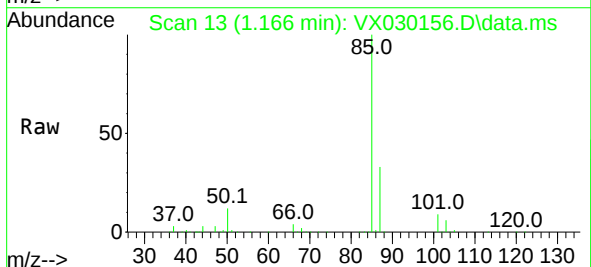
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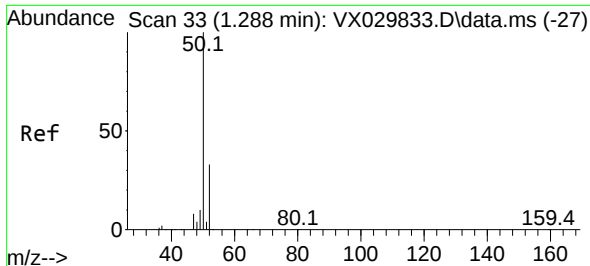
Tgt Ion:168 Resp: 206220
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 48.133 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 85 Resp: 112829
Ion Ratio Lower Upper
85 100
87 32.5 16.5 49.5

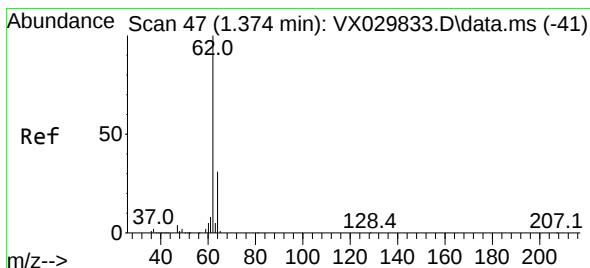
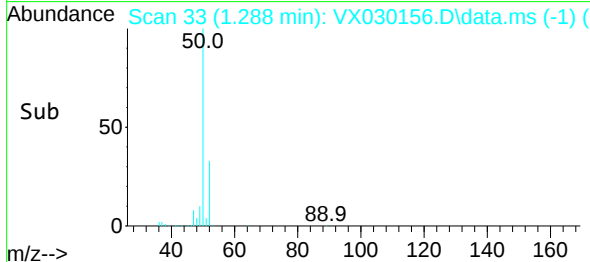
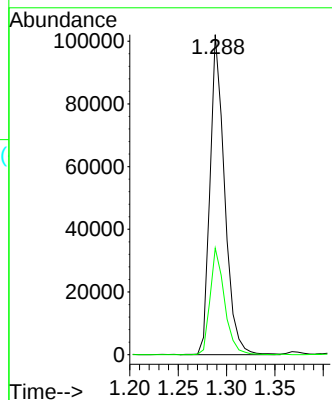
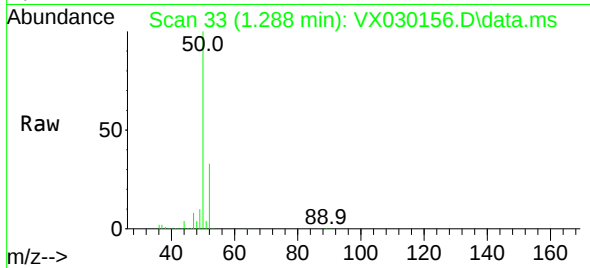




#3
Chloromethane
Concen: 49.897 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

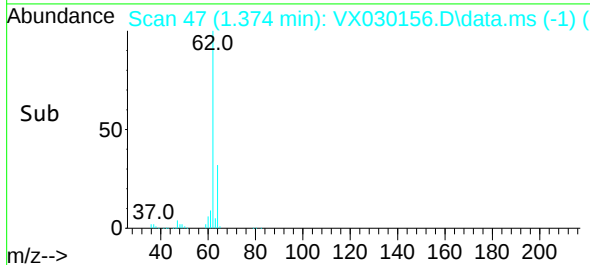
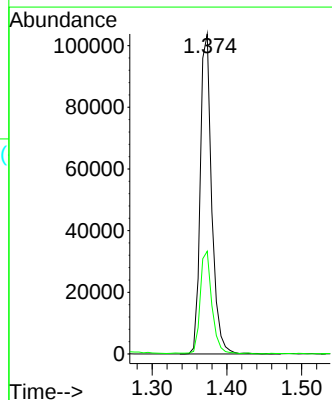
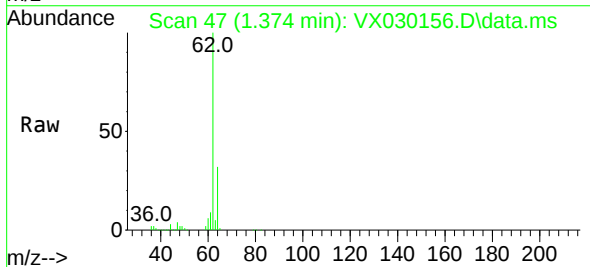
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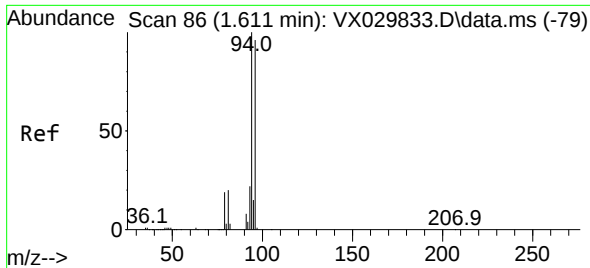
Tgt Ion: 50 Resp: 107225
Ion Ratio Lower Upper
50 100
52 33.3 26.3 39.5



#4
Vinyl Chloride
Concen: 46.031 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 62 Resp: 109870
Ion Ratio Lower Upper
62 100
64 31.9 25.2 37.8

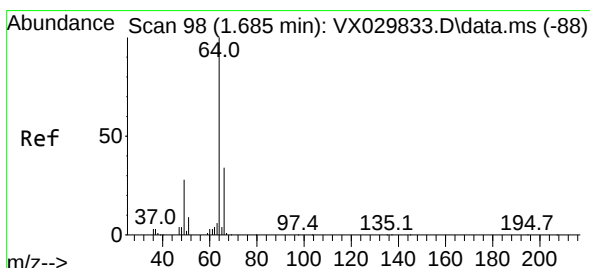
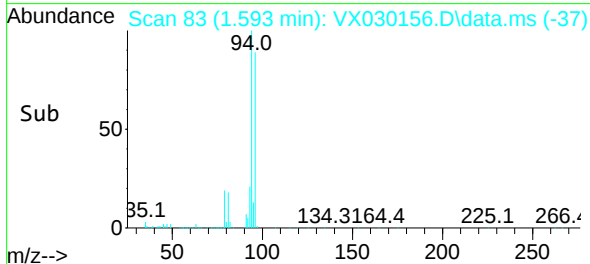
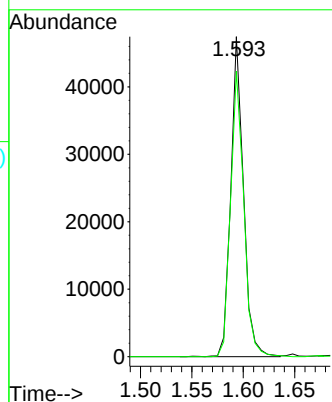
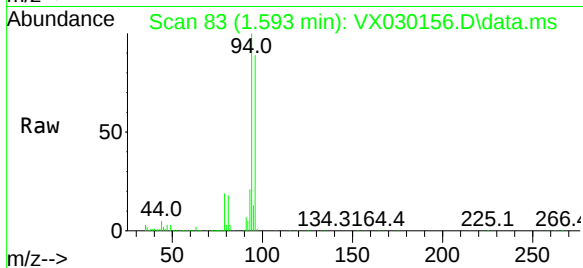




#5
Bromomethane
Concen: 40.019 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

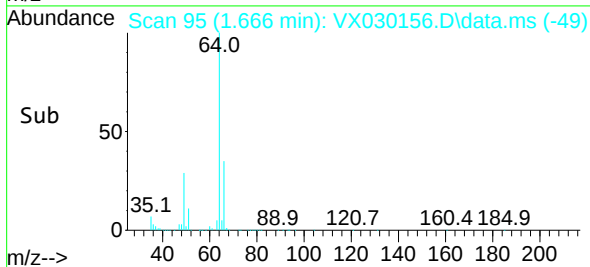
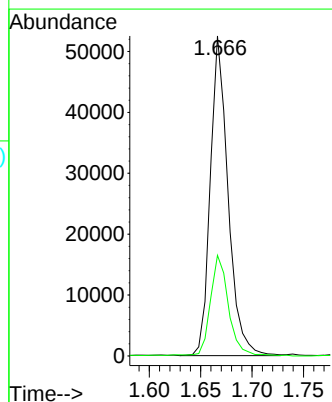
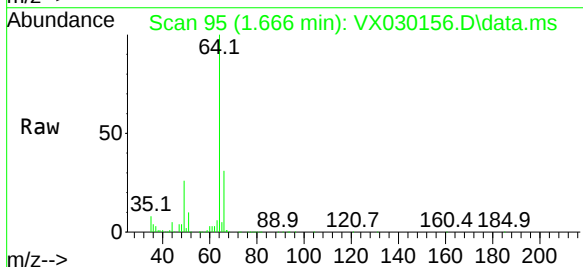
Instrument :
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Tgt Ion: 94 Resp: 40576
Ion Ratio Lower Upper
94 100
96 89.2 76.9 115.3



#6
Chloroethane
Concen: 46.940 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 64 Resp: 63093
Ion Ratio Lower Upper
64 100
66 31.3 27.2 40.8

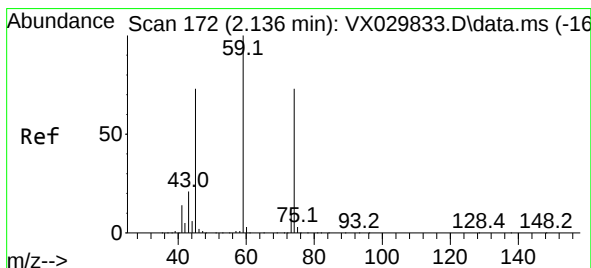
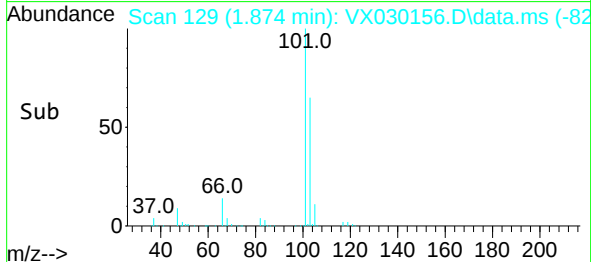
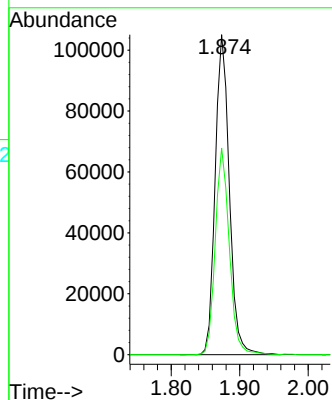
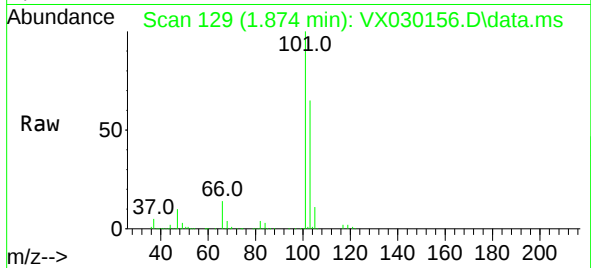




#7
 Trichlorofluoromethane
 Concen: 48.764 ug/l
 RT: 1.874 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VX030156.D
 Acq: 21 Jul 2022 11:50

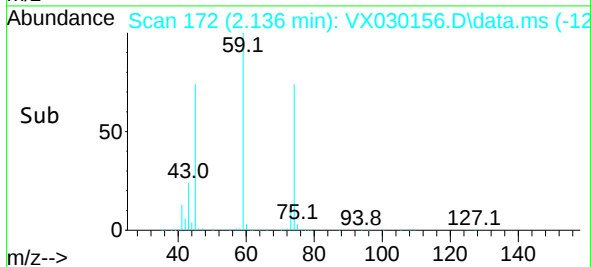
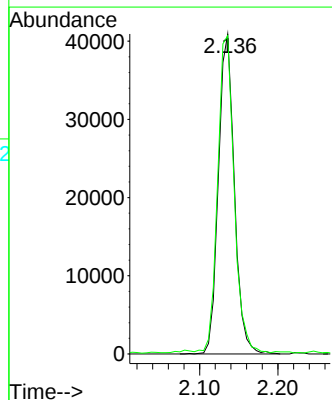
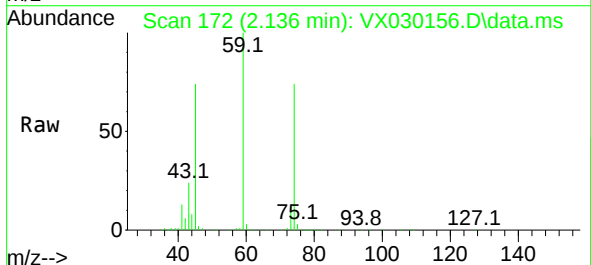
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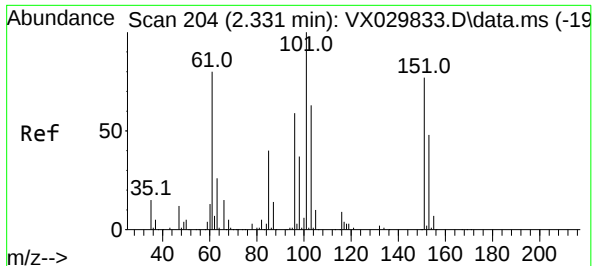
Tgt Ion:101 Resp: 150317
 Ion Ratio Lower Upper
 101 100
 103 64.6 49.7 74.5



#8
 Diethyl Ether
 Concen: 45.499 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. -0.000 min
 Lab File: VX030156.D
 Acq: 21 Jul 2022 11:50

Tgt Ion: 74 Resp: 58022
 Ion Ratio Lower Upper
 74 100
 45 101.9 51.5 154.7

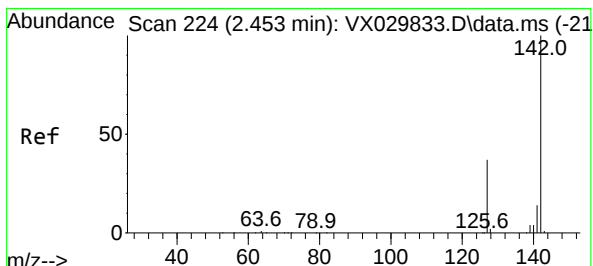
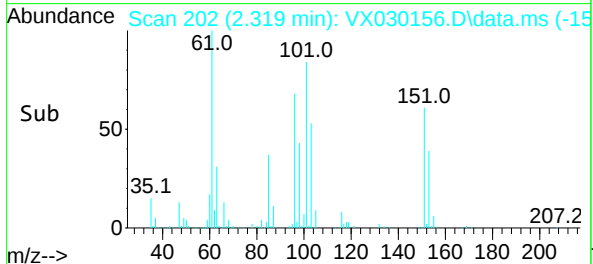
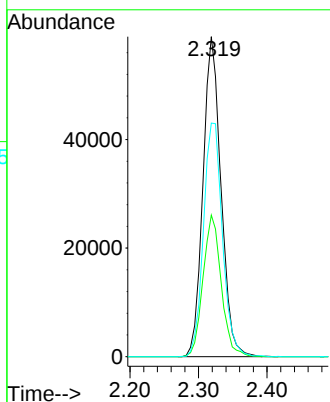
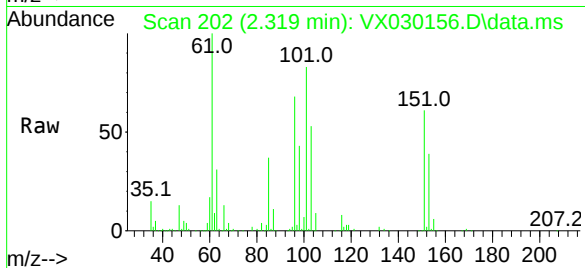




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.285 ug/l
RT: 2.319 min Scan# 204
Delta R.T. -0.012 min
Lab File: VX030156.D
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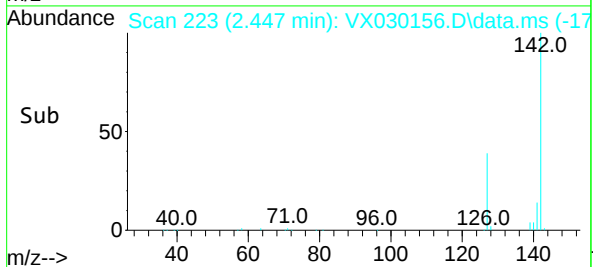
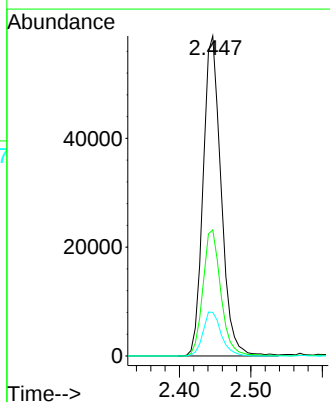
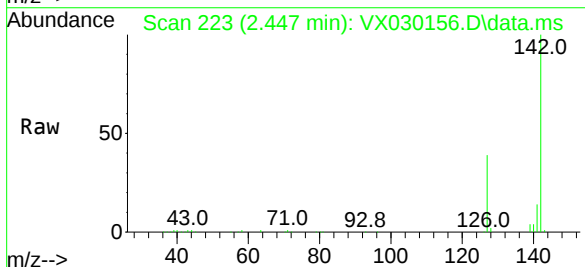
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 107922
Ion Ratio Lower Upper
101 100
85 44.6 34.0 51.0
151 77.0 59.4 89.0



#10
Methyl Iodide
Concen: 49.750 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion:142 Resp: 102760
Ion Ratio Lower Upper
142 100
127 39.4 30.2 45.2
141 13.9 11.3 16.9

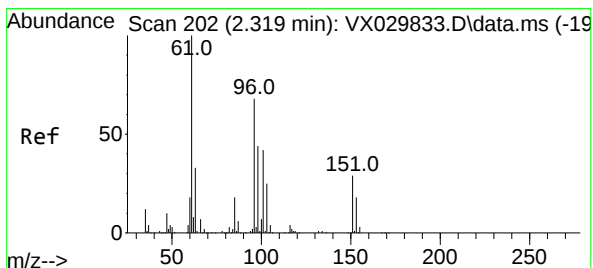
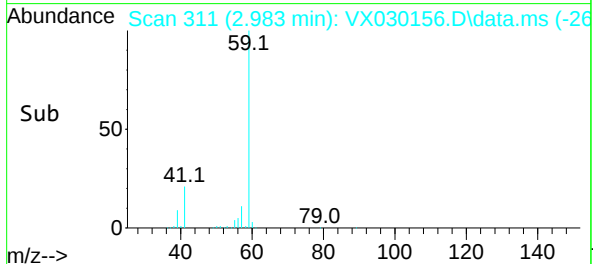
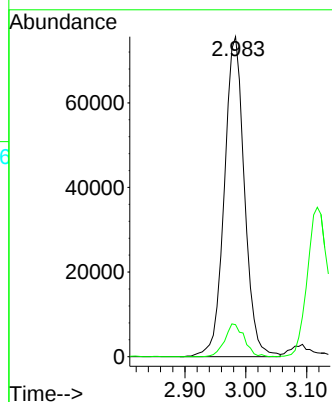
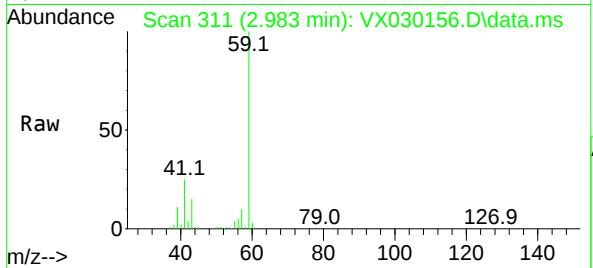




#11
Tert butyl alcohol
Concen: 268.137 ug/l
RT: 2.983 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

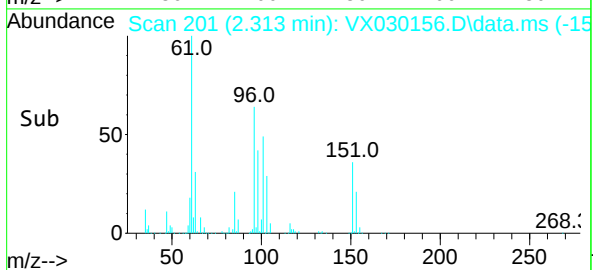
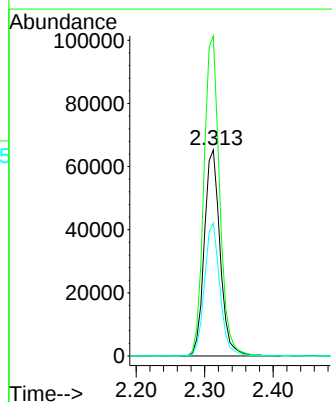
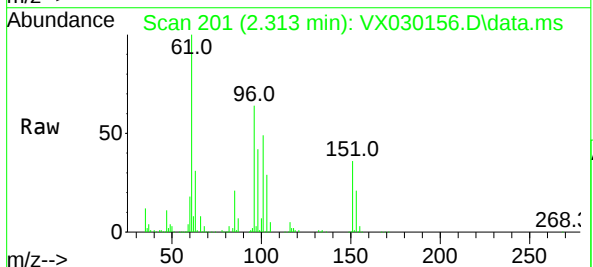
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

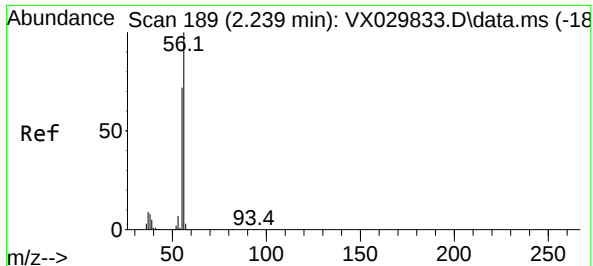
Tgt Ion: 59 Resp: 173705
Ion Ratio Lower Upper
59 100
57 10.0 7.4 11.2



#12
1,1-Dichloroethene
Concen: 49.858 ug/l
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 96 Resp: 104755
Ion Ratio Lower Upper
96 100
61 155.2 117.4 176.0
98 64.4 52.2 78.4

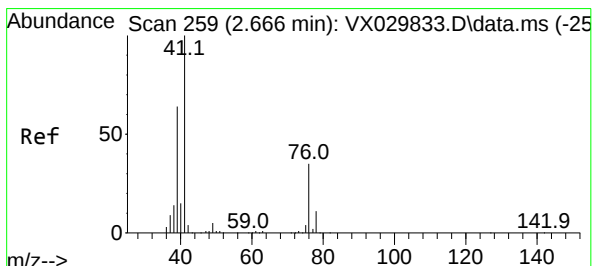
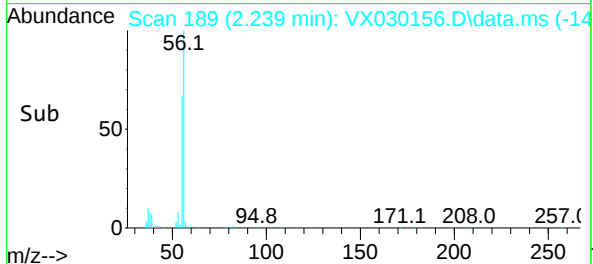
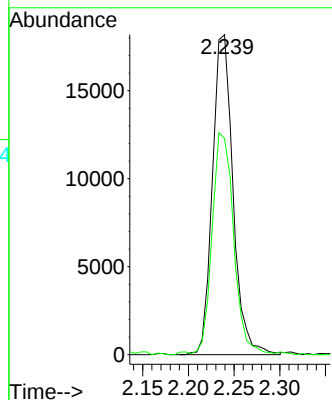
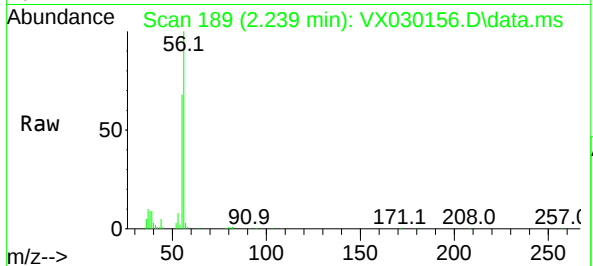




#13
Acrolein
Concen: 220.666 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

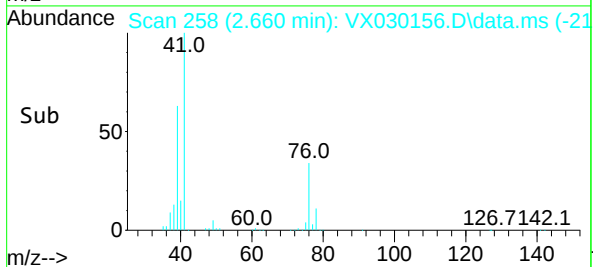
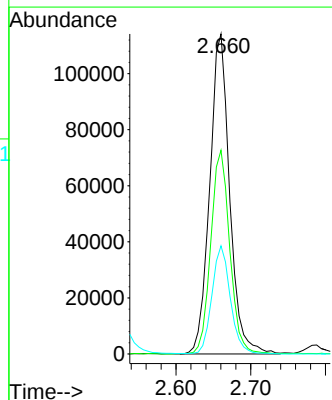
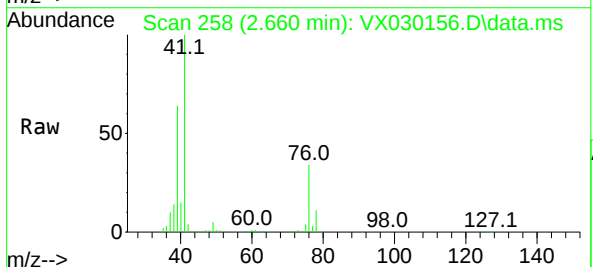
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 28471
Ion Ratio Lower Upper
56 100
55 73.0 56.6 84.8



#14
Allyl chloride
Concen: 57.692 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 41 Resp: 211828
Ion Ratio Lower Upper
41 100
39 60.9 48.9 73.3
76 31.2 26.9 40.3

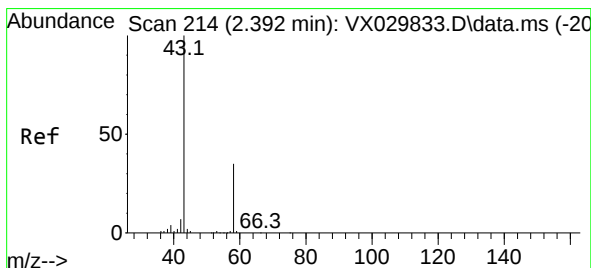
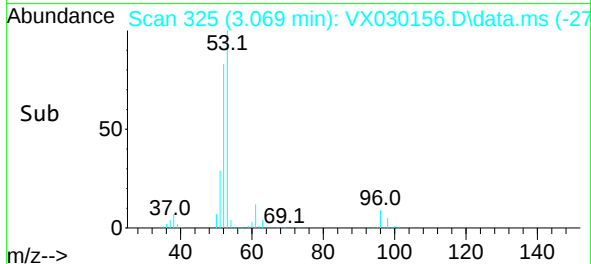
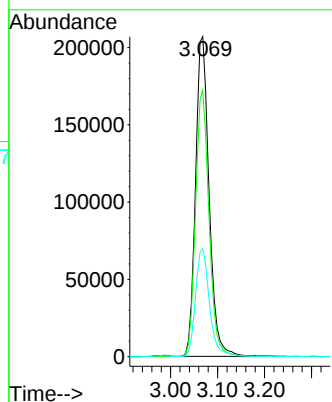
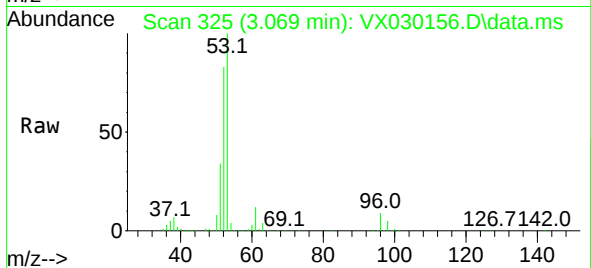




#15
Acrylonitrile
Concen: 282.810 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

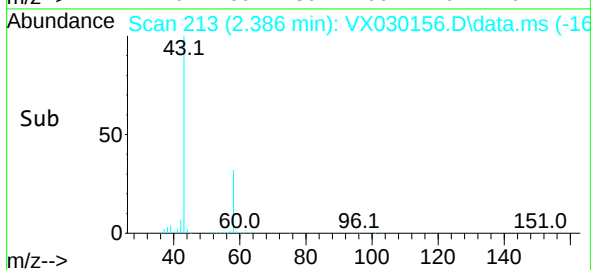
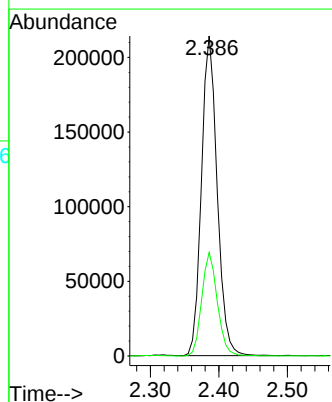
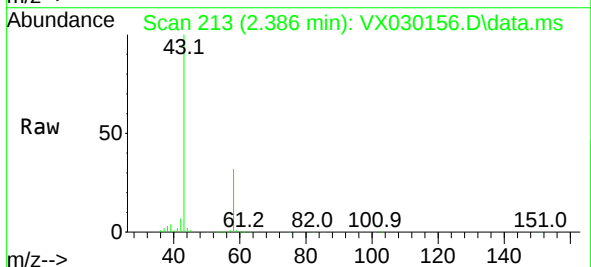
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

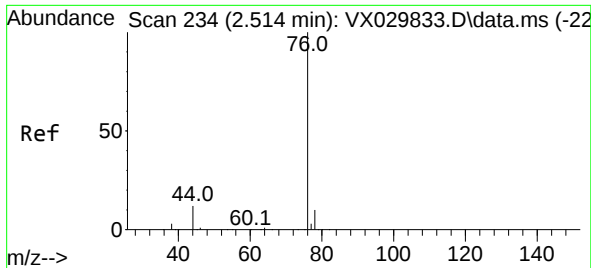
Tgt Ion: 53 Resp: 416382
Ion Ratio Lower Upper
53 100
52 82.7 65.4 98.0
51 34.7 27.7 41.5



#16
Acetone
Concen: 289.107 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 43 Resp: 341945
Ion Ratio Lower Upper
43 100
58 32.4 27.7 41.5

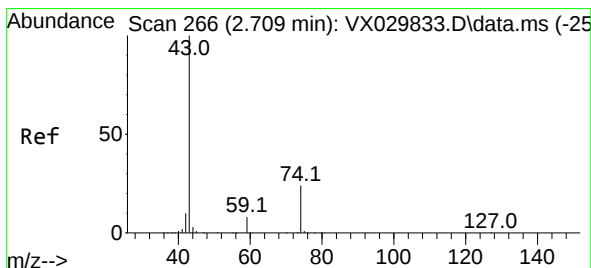
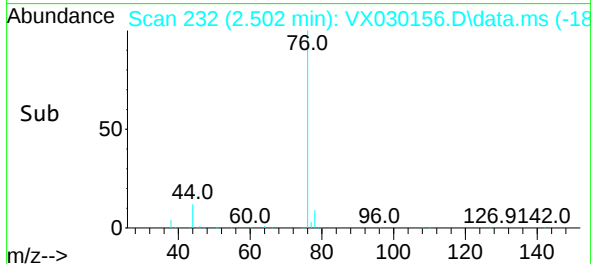
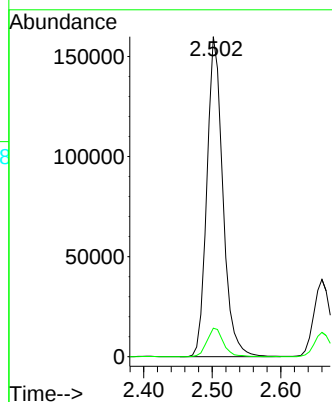
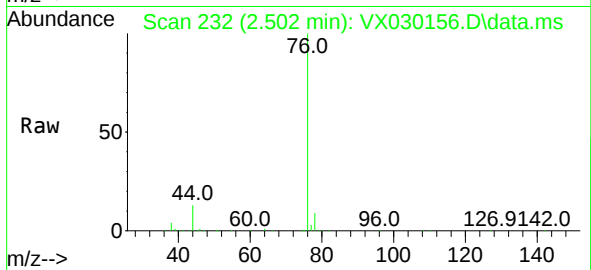




#17
Carbon Disulfide
Concen: 44.074 ug/l
RT: 2.502 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

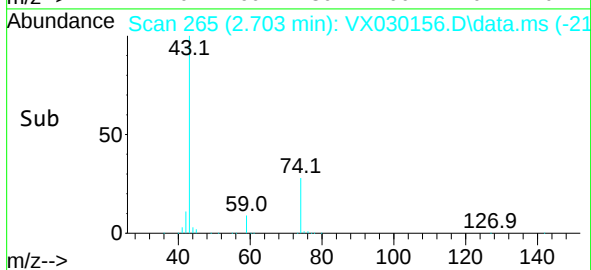
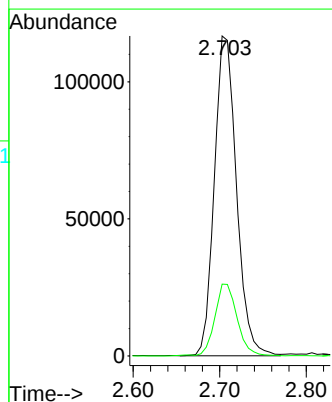
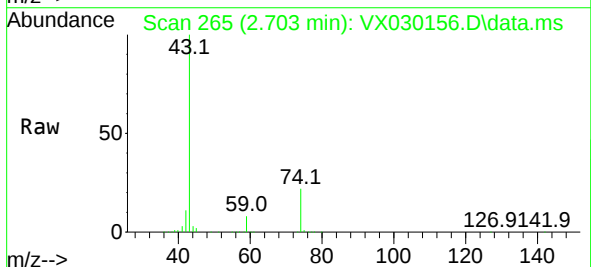
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

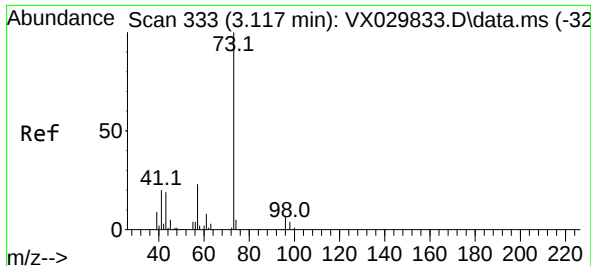
Tgt Ion: 76 Resp: 259390
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6



#18
Methyl Acetate
Concen: 57.562 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 43 Resp: 207118
Ion Ratio Lower Upper
43 100
74 22.8 19.4 29.2

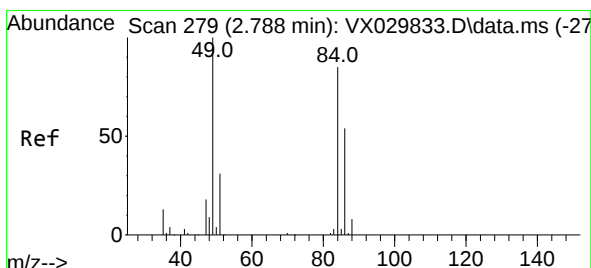
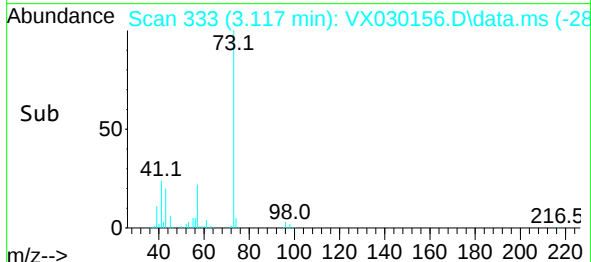
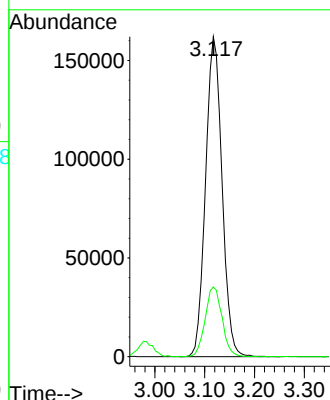
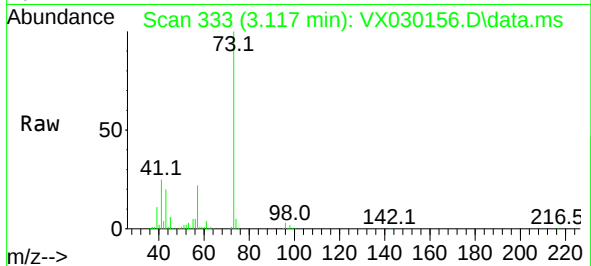




#19
Methyl tert-butyl Ether
Concen: 55.927 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

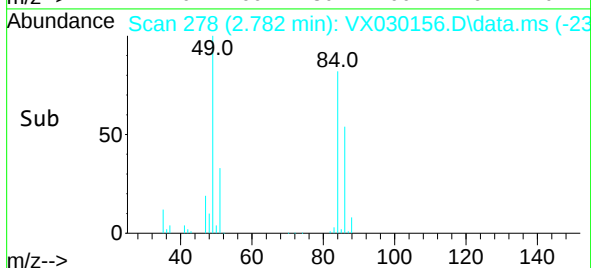
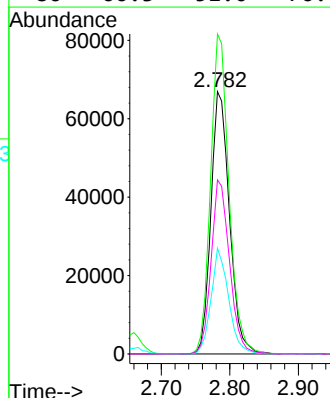
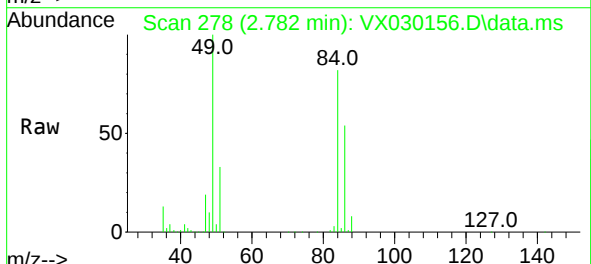
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

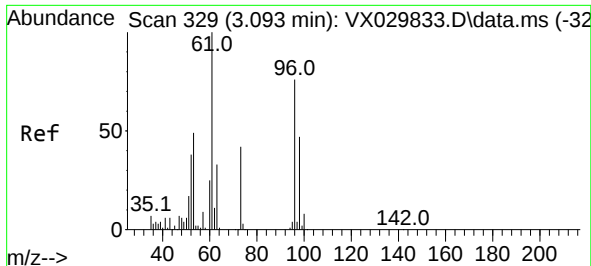
Tgt Ion: 73 Resp: 371428
Ion Ratio Lower Upper
73 100
57 21.8 19.0 28.6



#20
Methylene Chloride
Concen: 52.792 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 84 Resp: 125988
Ion Ratio Lower Upper
84 100
49 122.0 93.8 140.6
51 40.3 29.4 44.0
86 66.3 51.0 76.4

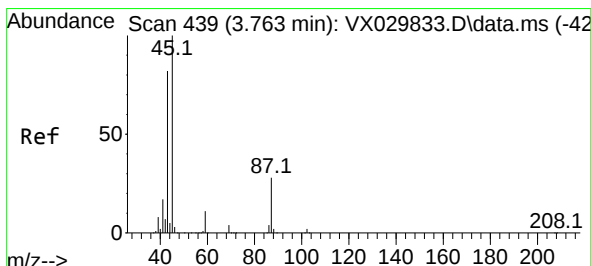
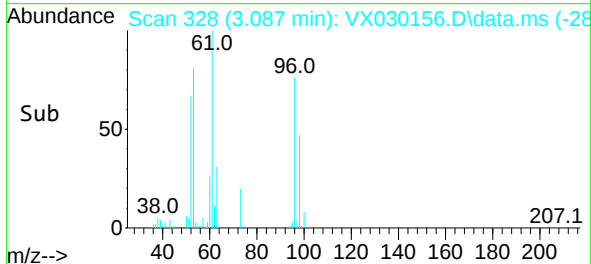
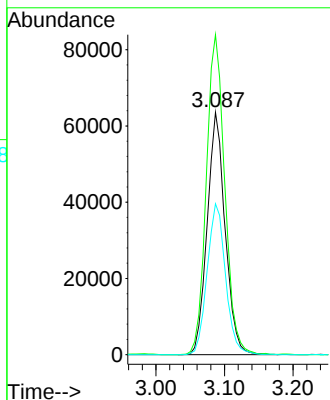
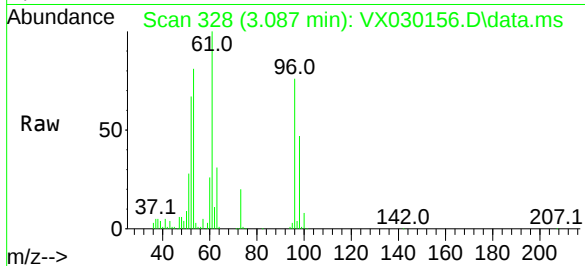




#21
trans-1,2-Dichloroethene
Concen: 52.902 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

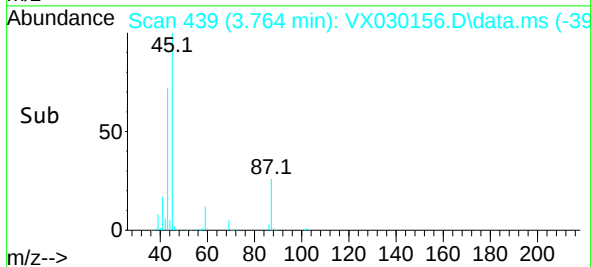
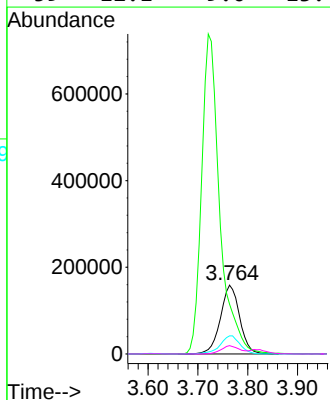
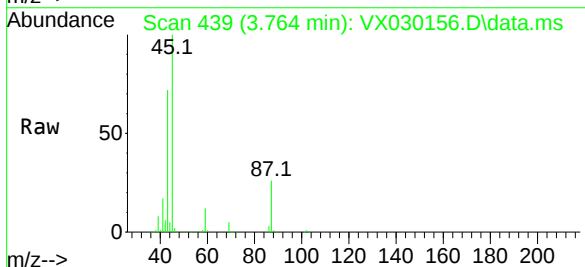
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

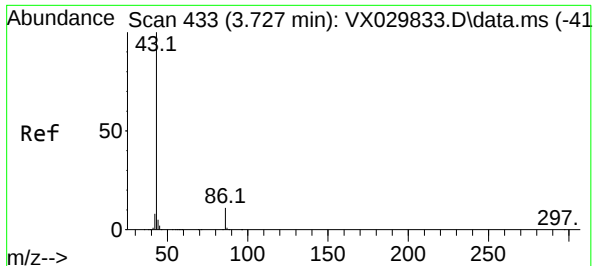
Tgt Ion: 96 Resp: 115856
Ion Ratio Lower Upper
96 100
61 132.0 105.6 158.4
98 62.2 50.1 75.1



#22
Diisopropyl ether
Concen: 59.049 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 45 Resp: 424390
Ion Ratio Lower Upper
45 100
43 72.4 65.4 98.0
87 26.3 22.3 33.5
59 12.1 9.0 13.4

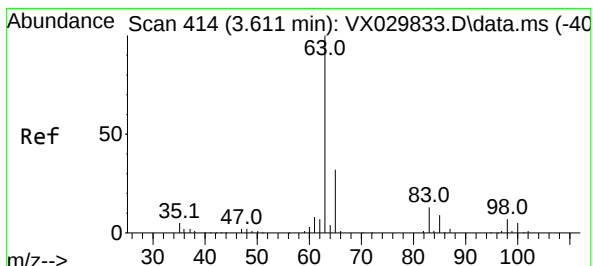
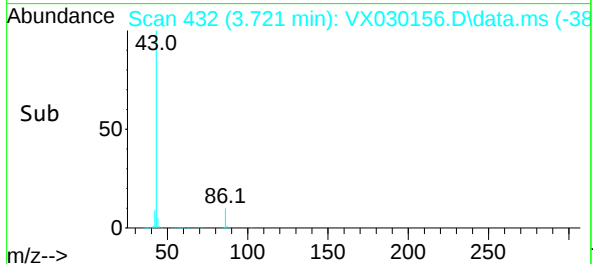
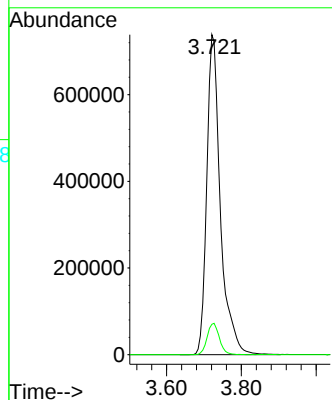
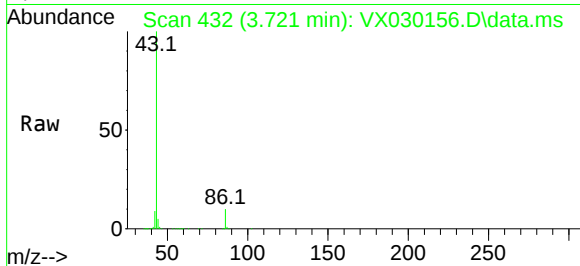




#23
 Vinyl Acetate
 Concen: 306.901 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX030156.D
 Acq: 21 Jul 2022 11:50

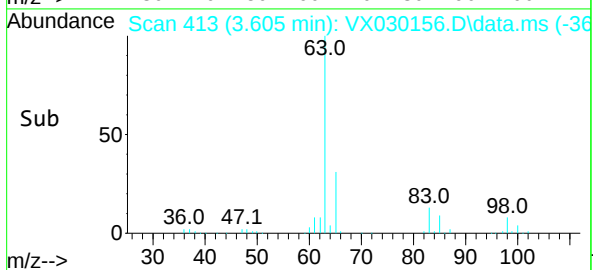
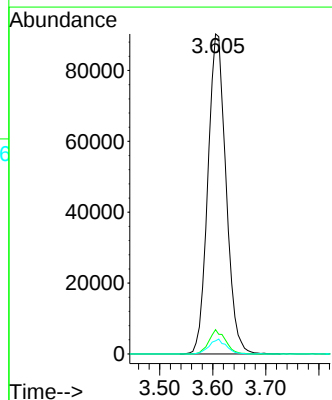
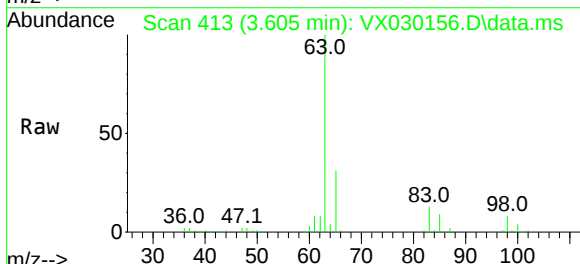
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

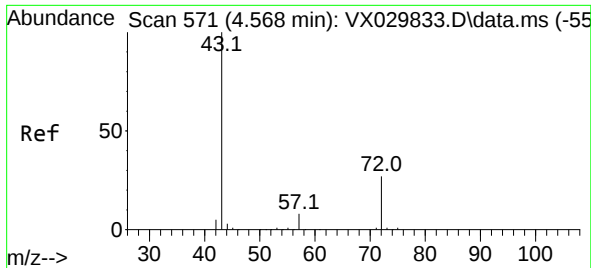
Tgt Ion: 43 Resp: 1867253
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 53.840 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX030156.D
 Acq: 21 Jul 2022 11:50

Tgt Ion: 63 Resp: 214423
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.5 10.5
 100 4.1 2.3 6.9

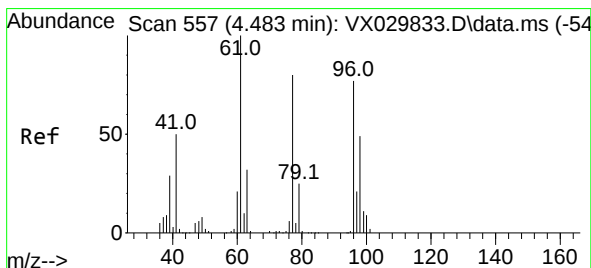
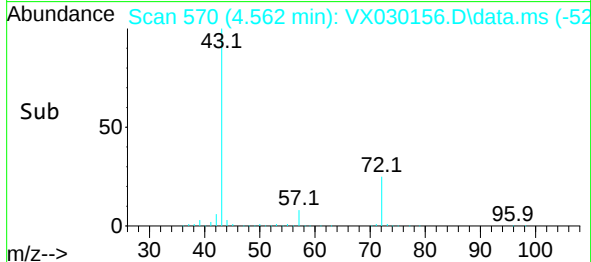
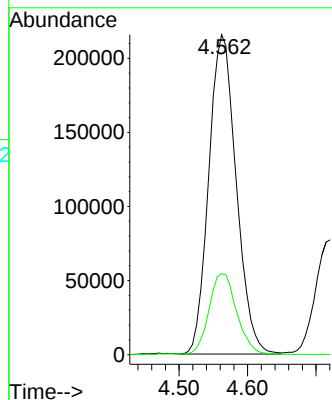
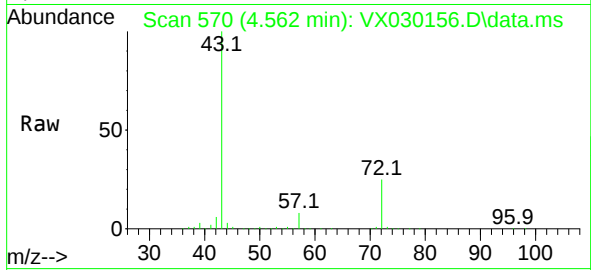




#25
2-Butanone
Concen: 297.783 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

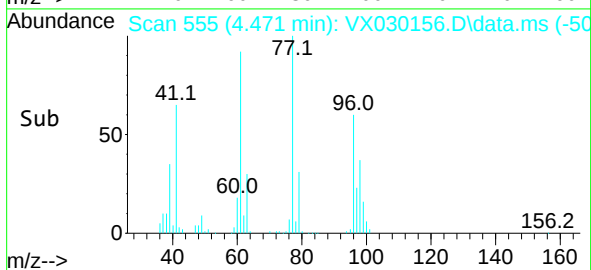
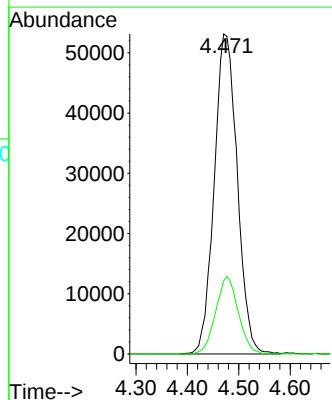
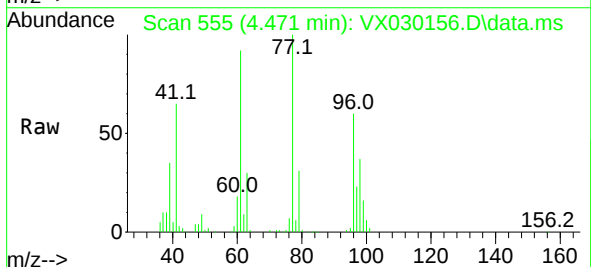
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 599962
Ion Ratio Lower Upper
43 100
72 25.2 21.7 32.5



#26
2,2-Dichloropropane
Concen: 59.098 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.012 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 77 Resp: 165332
Ion Ratio Lower Upper
77 100
97 23.7 13.0 39.0

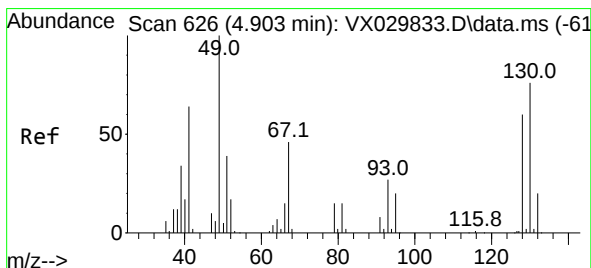
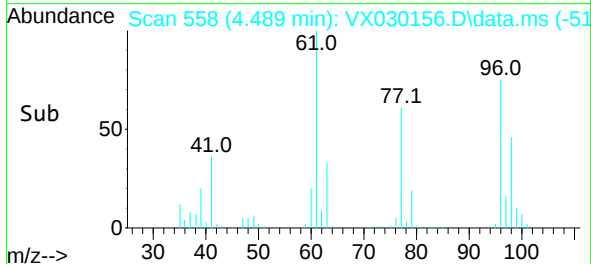
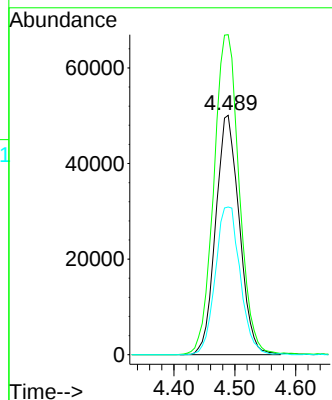
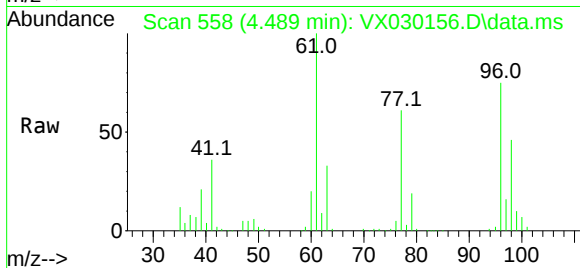




#27
 cis-1,2-Dichloroethene
 Concen: 50.393 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX030156.D
 Acq: 21 Jul 2022 11:50

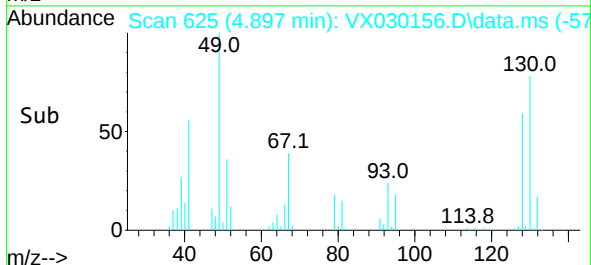
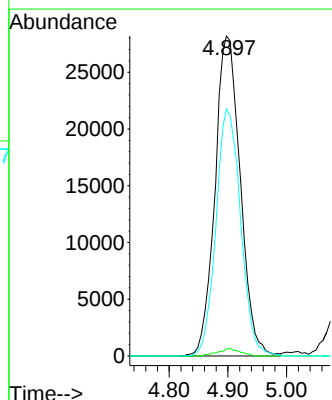
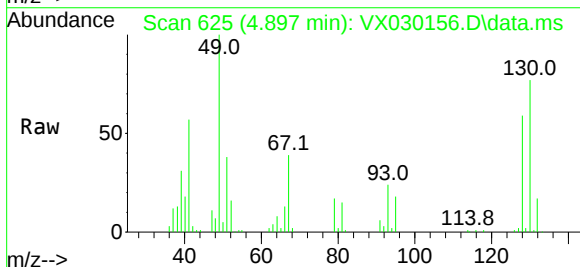
Instrument :
 MSVOA_X
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 VSTDCCC050

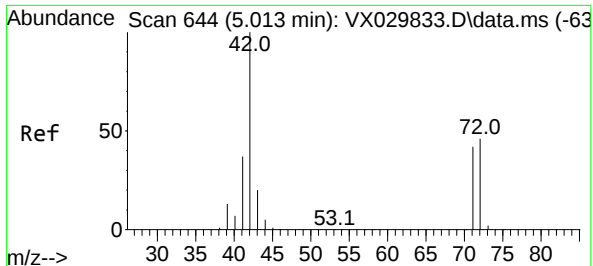
Tgt Ion: 96 Resp: 135146
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 270.0
 98 65.0 0.0 127.8



#28
 Bromochloromethane
 Concen: 50.277 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX030156.D
 Acq: 21 Jul 2022 11:50

Tgt Ion: 49 Resp: 84237
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 75.3 62.8 94.2





#29

Tetrahydrofuran

Concen: 294.909 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

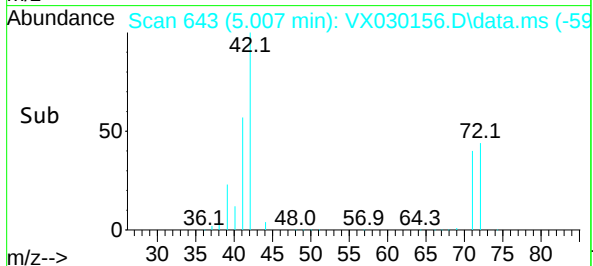
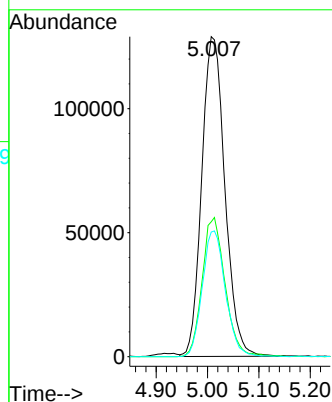
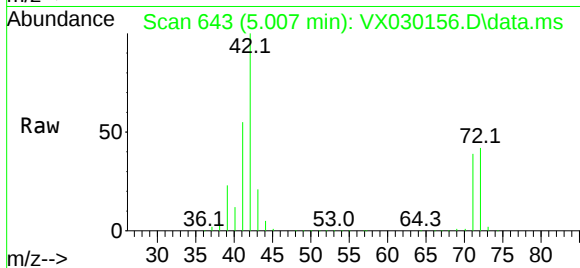
Tgt Ion: 42 Resp: 403234

Ion Ratio Lower Upper

42 100

72 43.2 36.5 54.7

71 39.4 33.9 50.9



#30

Chloroform

Concen: 54.974 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.012 min

Lab File: VX030156.D

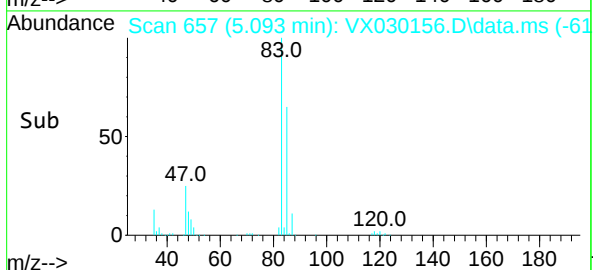
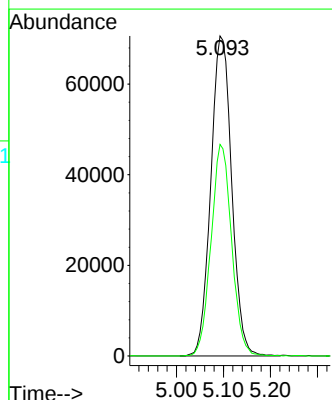
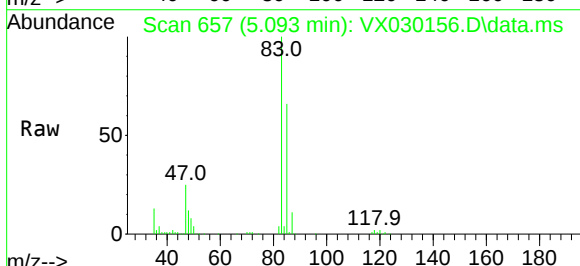
Acq: 21 Jul 2022 11:50

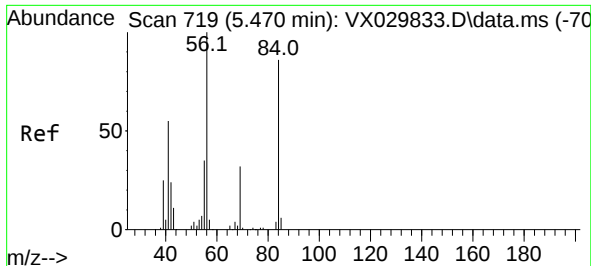
Tgt Ion: 83 Resp: 218184

Ion Ratio Lower Upper

83 100

85 66.1 51.5 77.3

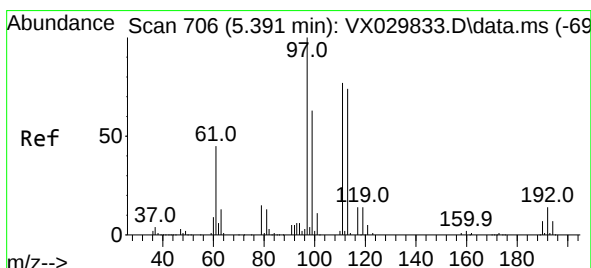
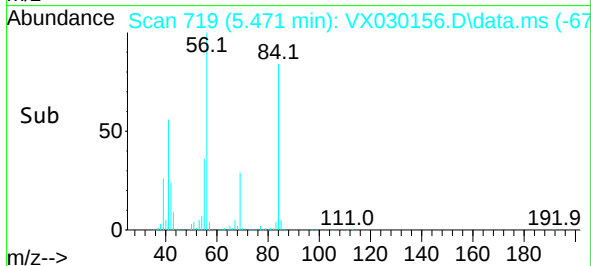
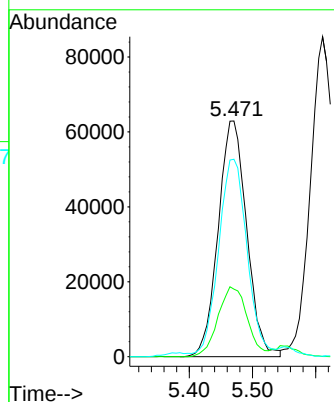
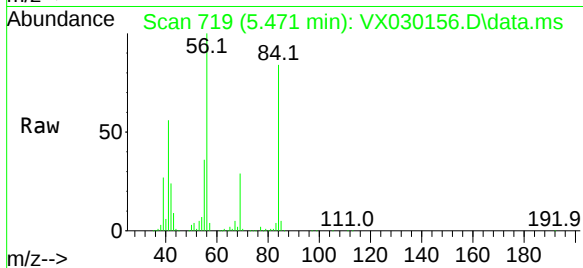




#31
Cyclohexane
Concen: 54.092 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

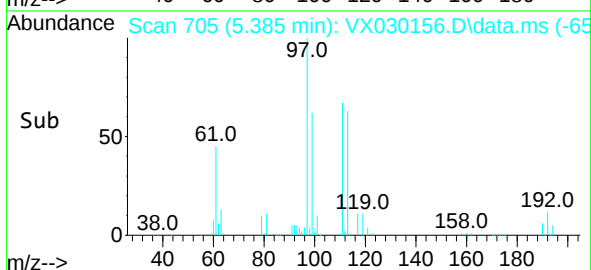
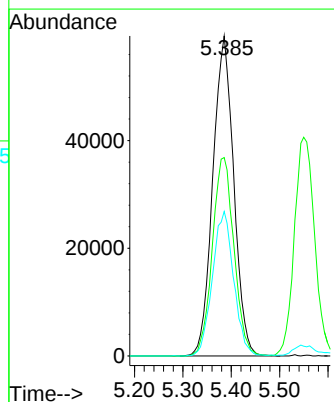
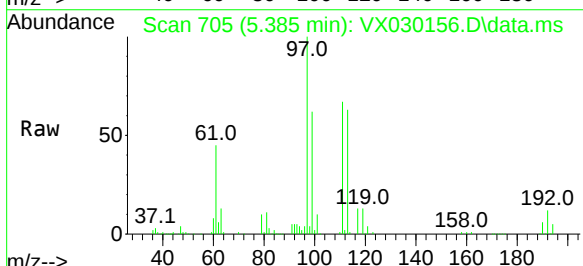
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 196828
Ion Ratio Lower Upper
56 100
69 28.7 25.4 38.0
84 81.9 68.9 103.3



#32
1,1,1-Trichloroethane
Concen: 55.018 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 97 Resp: 178467
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 45.8 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 52.153 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

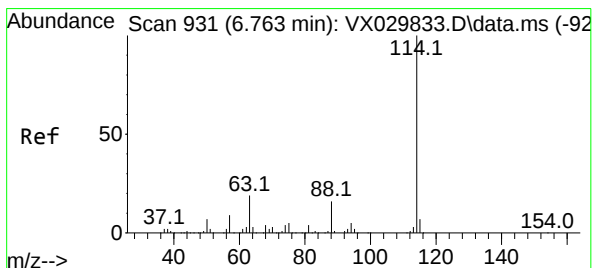
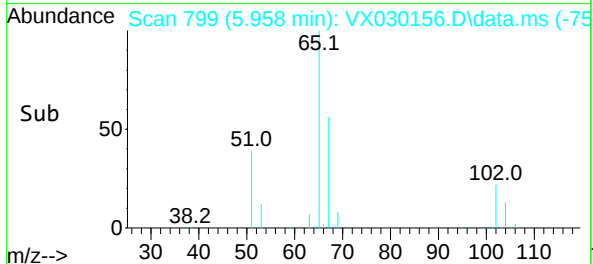
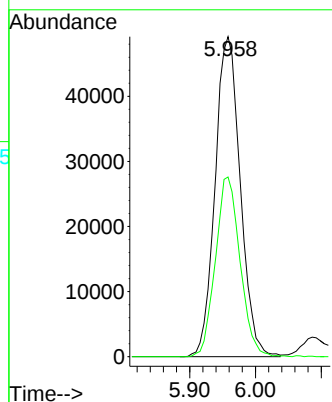
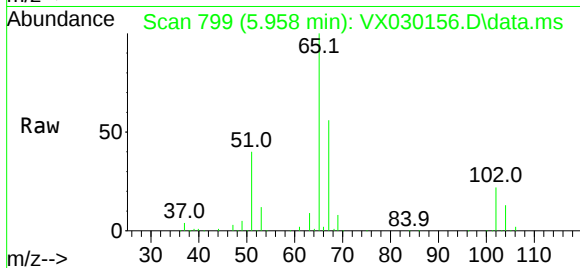
VSTDCCC050

Tgt Ion: 65 Resp: 130908

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

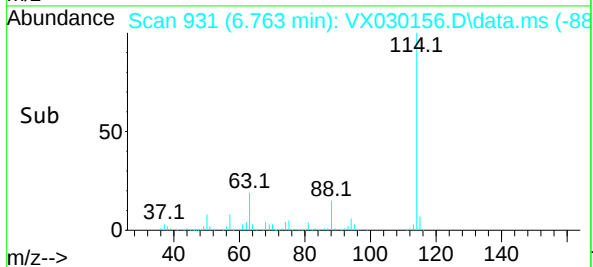
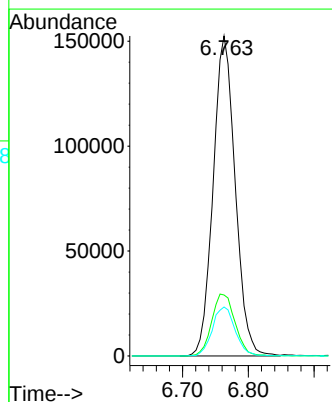
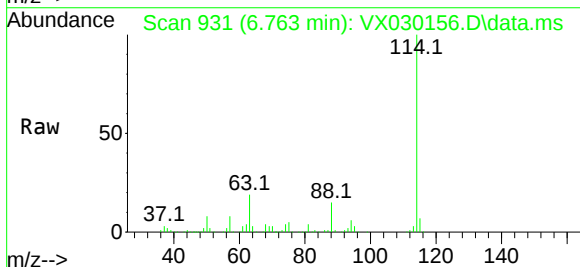
Tgt Ion: 114 Resp: 355781

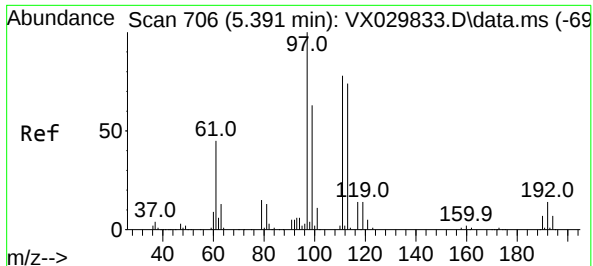
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.346 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

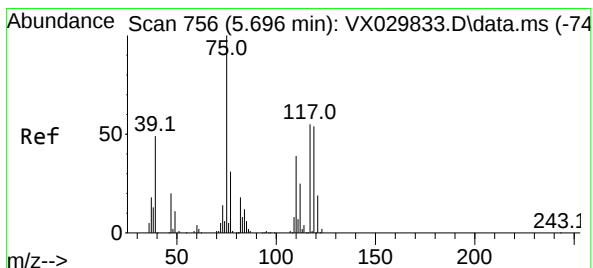
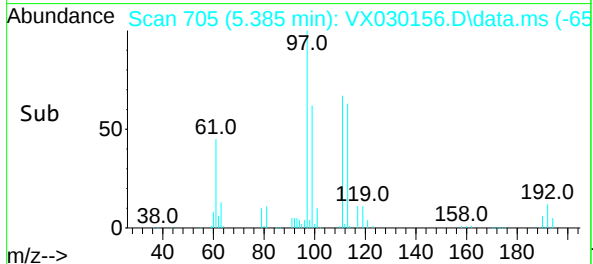
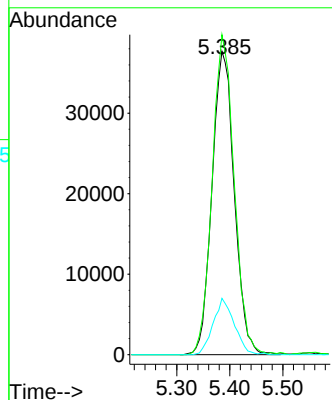
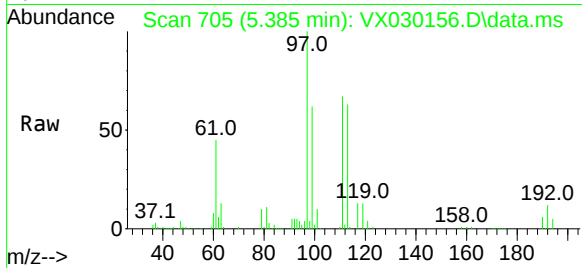
Tgt Ion:113 Resp: 109884

Ion Ratio Lower Upper

113 100

111 104.3 83.2 124.8

192 17.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 53.923 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

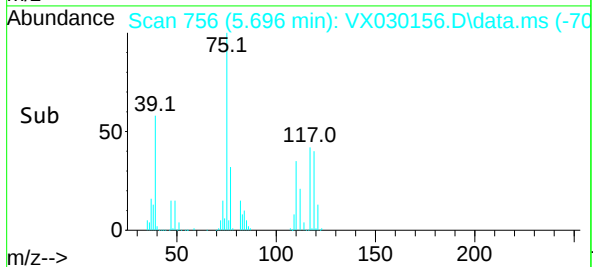
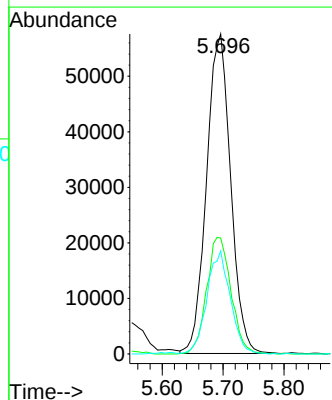
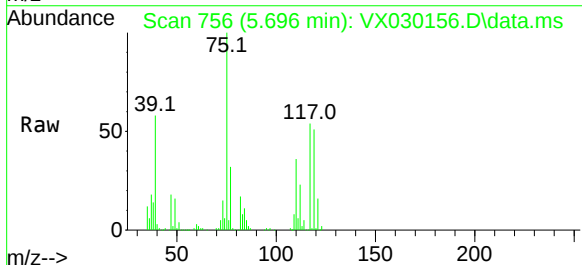
Tgt Ion: 75 Resp: 158307

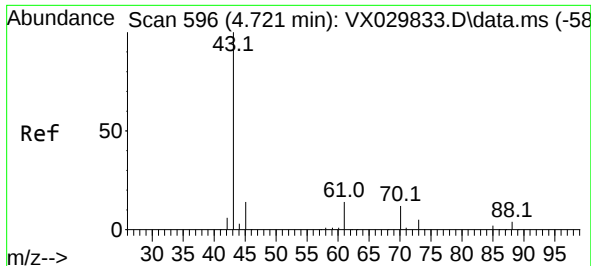
Ion Ratio Lower Upper

75 100

110 36.9 19.3 57.9

77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 58.435 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

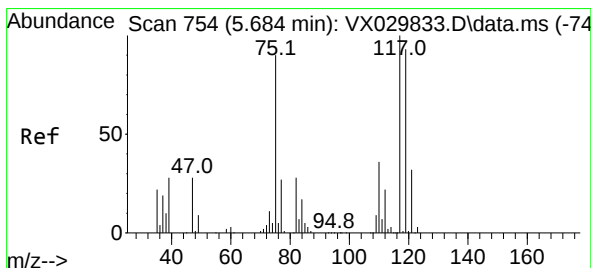
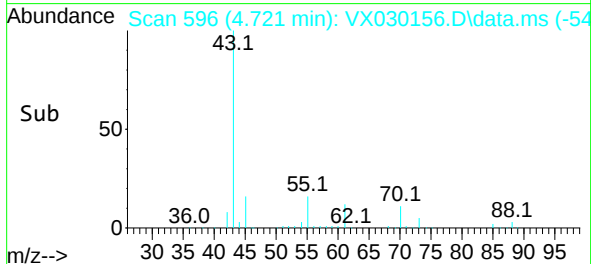
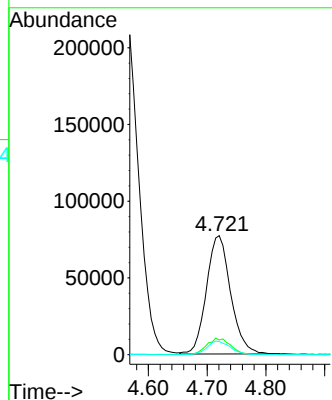
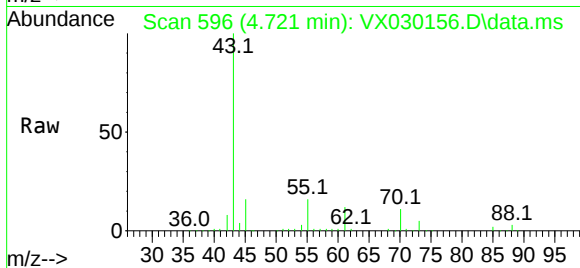
Tgt Ion: 43 Resp: 220444

Ion Ratio Lower Upper

43 100

61 14.0 11.7 17.5

70 11.1 9.3 13.9



#38

Carbon Tetrachloride

Concen: 54.207 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.006 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

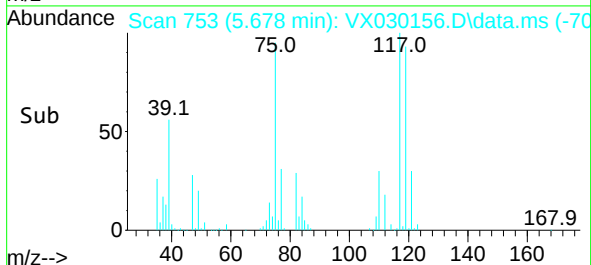
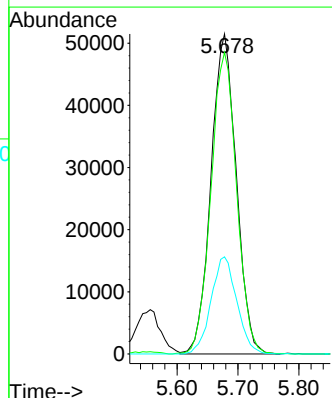
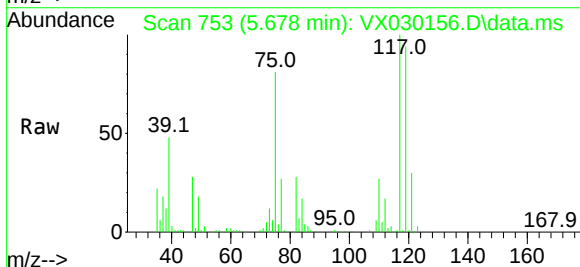
Tgt Ion: 117 Resp: 148407

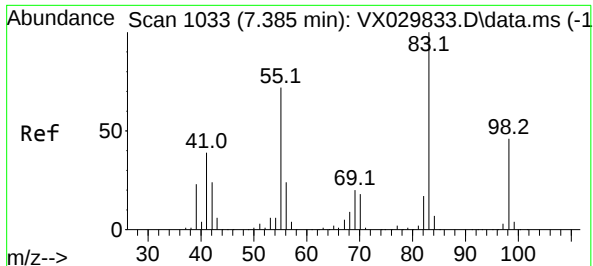
Ion Ratio Lower Upper

117 100

119 94.1 74.1 111.1

121 30.3 25.8 38.8





#39

Methylcyclohexane

Concen: 54.912 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

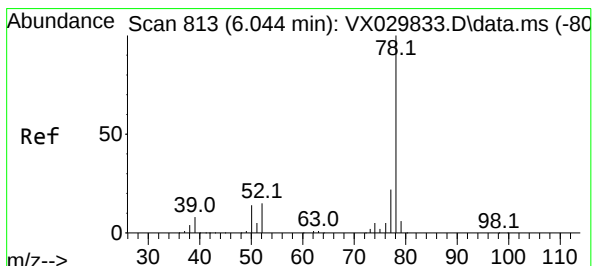
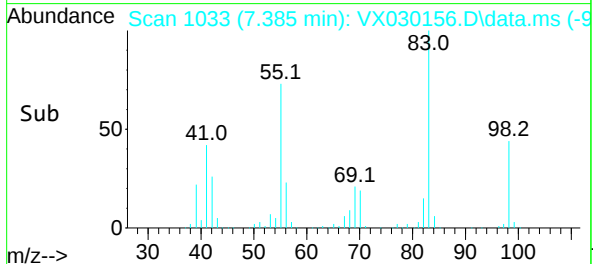
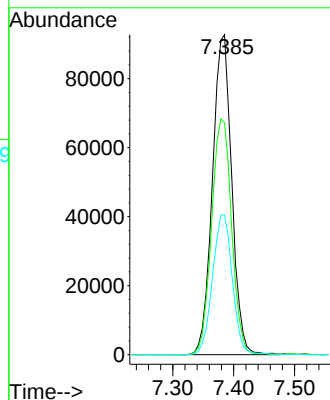
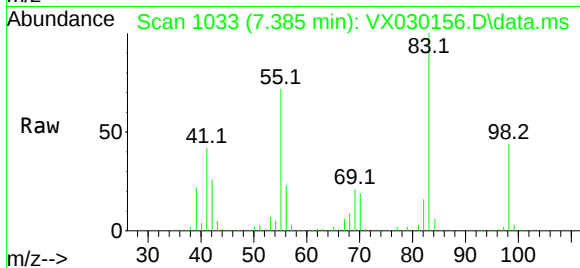
Tgt Ion: 83 Resp: 204365

Ion Ratio Lower Upper

83 100

55 72.4 57.7 86.5

98 43.7 36.5 54.7



#40

Benzene

Concen: 53.713 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.006 min

Lab File: VX030156.D

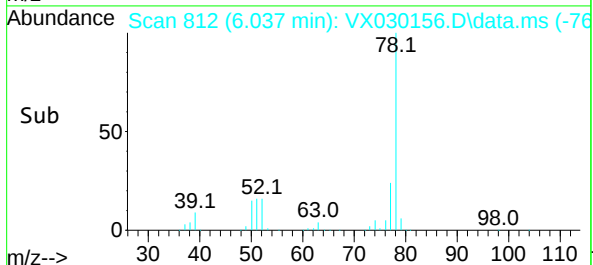
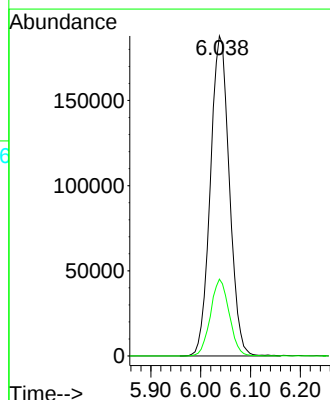
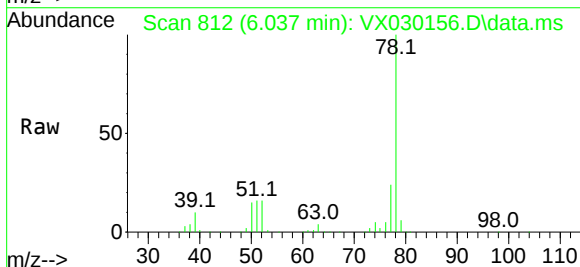
Acq: 21 Jul 2022 11:50

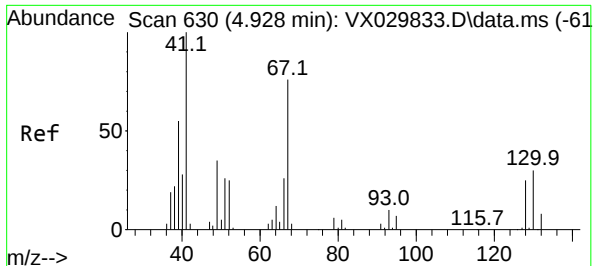
Tgt Ion: 78 Resp: 496327

Ion Ratio Lower Upper

78 100

77 24.0 18.0 27.0



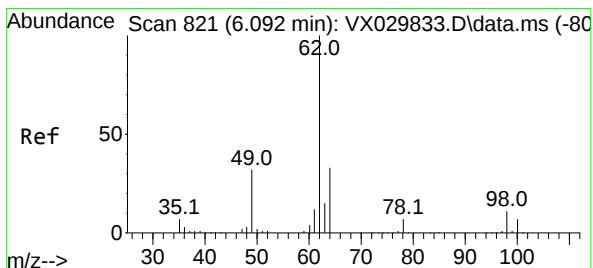
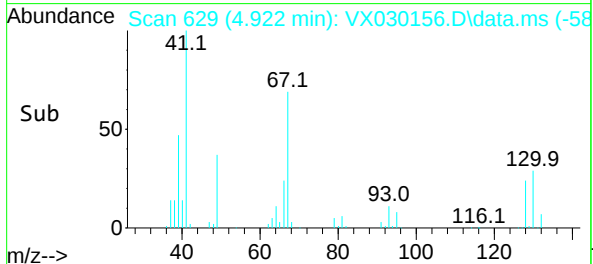
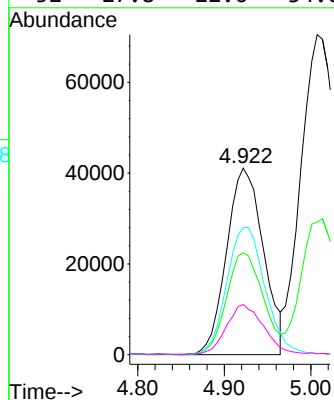
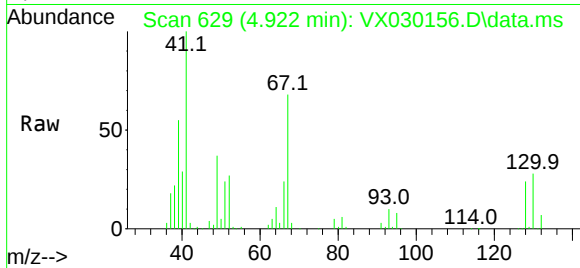


#41
Methacrylonitrile
Concen: 59.864 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 121598

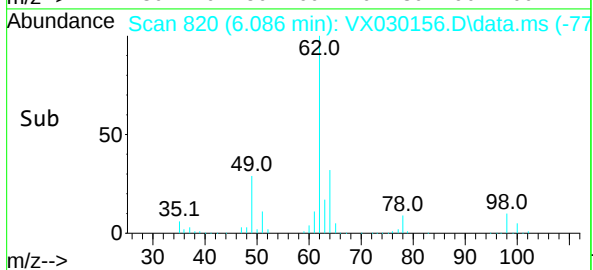
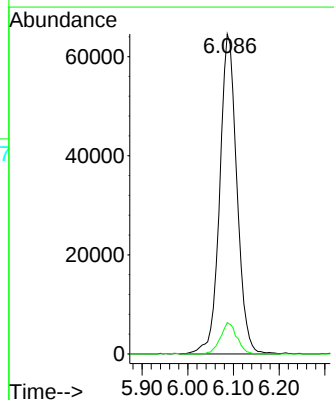
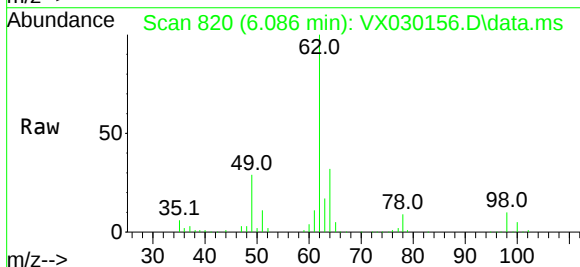
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.9	64.3
67	71.1	60.1	90.1
52	27.8	22.6	34.0

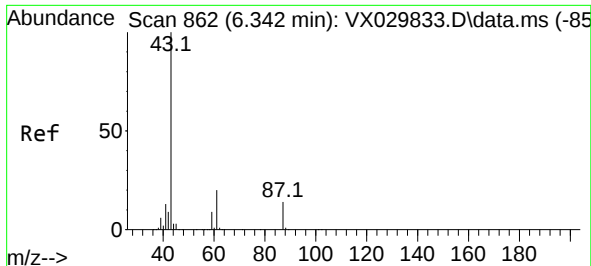


#42
1,2-Dichloroethane
Concen: 58.946 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 62 Resp: 168807

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.2

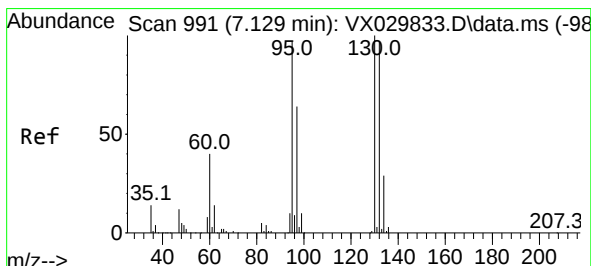
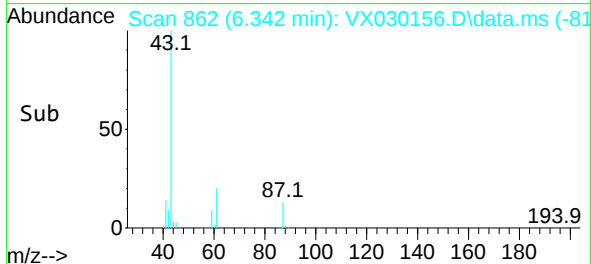
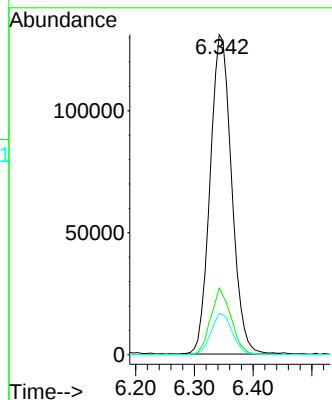
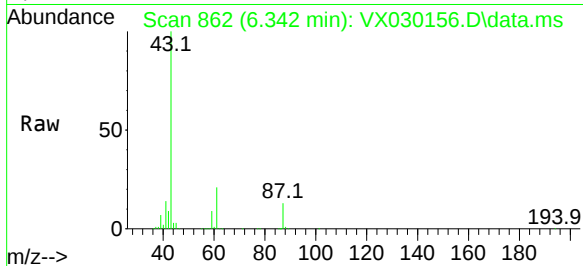




#43
Isopropyl Acetate
Concen: 58.714 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

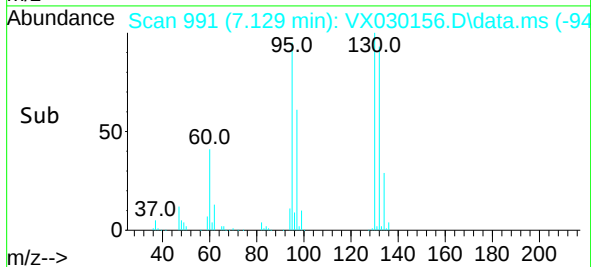
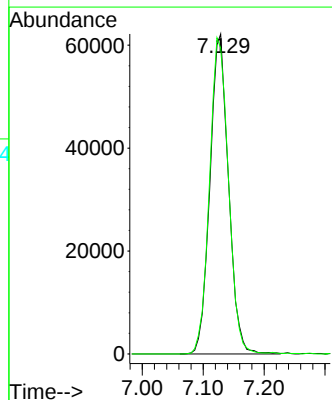
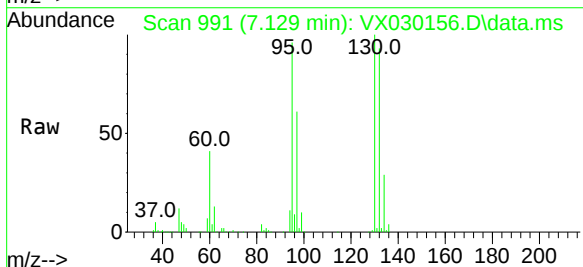
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

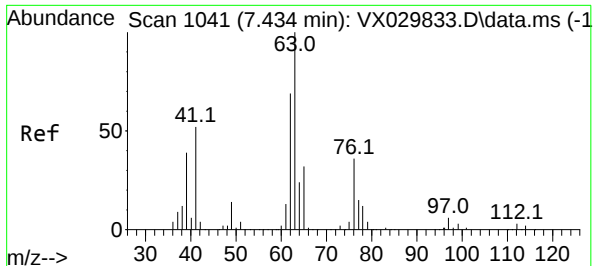
Tgt Ion: 43 Resp: 333067
Ion Ratio Lower Upper
43 100
61 19.8 16.5 24.7
87 12.9 11.1 16.7



#44
Trichloroethene
Concen: 48.689 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion:130 Resp: 131468
Ion Ratio Lower Upper
130 100
95 95.5 0.0 194.8





#45

1,2-Dichloropropane

Concen: 55.390 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

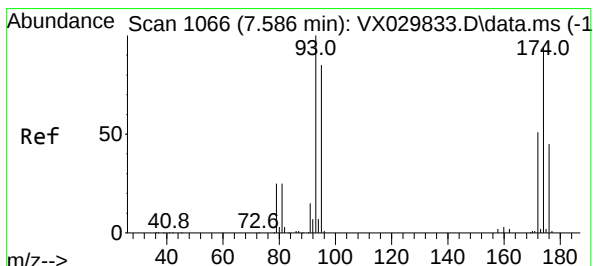
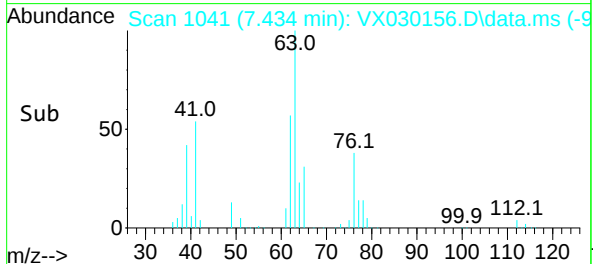
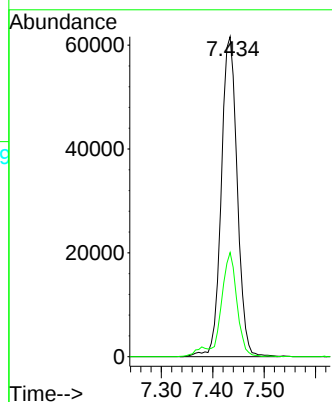
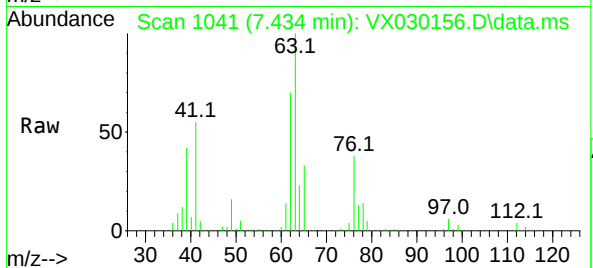
VSTDCCC050

Tgt Ion: 63 Resp: 133037

Ion Ratio Lower Upper

63 100

65 32.4 25.2 37.8



#46

Dibromomethane

Concen: 53.033 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

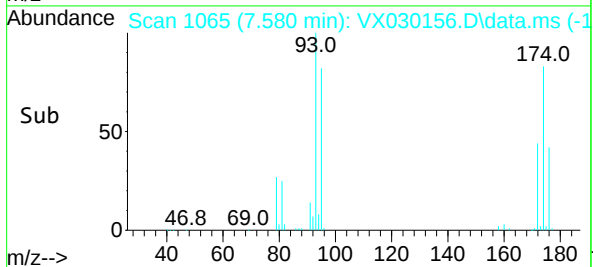
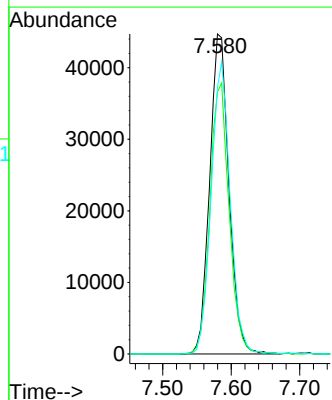
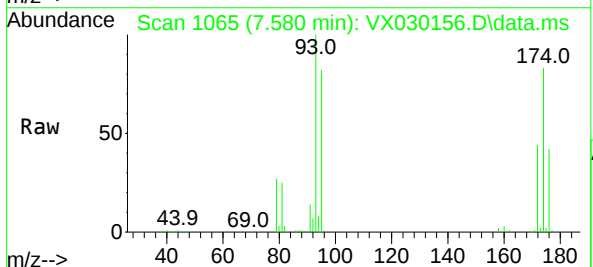
Tgt Ion: 93 Resp: 87669

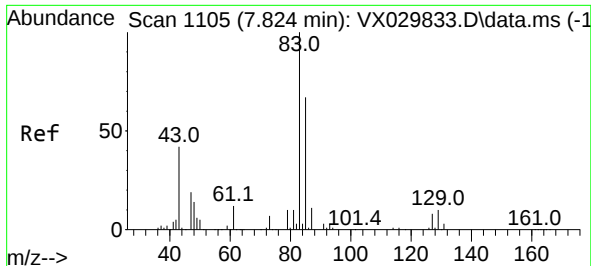
Ion Ratio Lower Upper

93 100

95 84.4 67.4 101.0

174 90.0 75.6 113.4

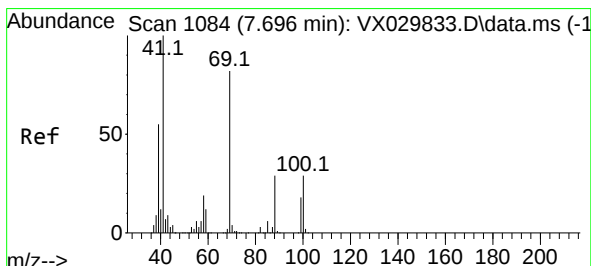
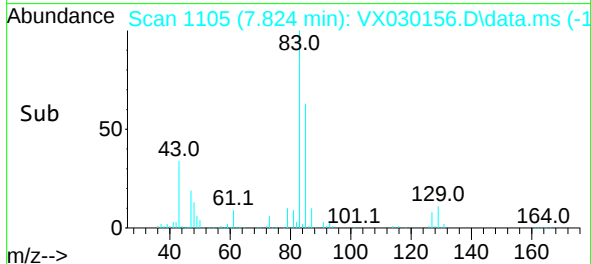
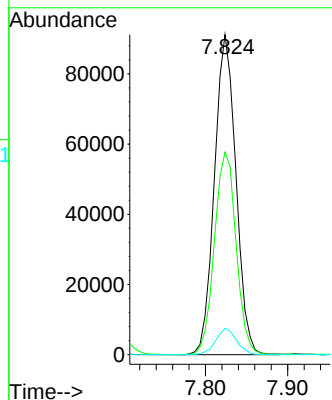
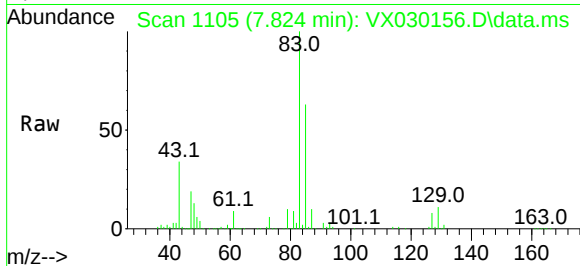




#47
Bromodichloromethane
Concen: 55.212 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

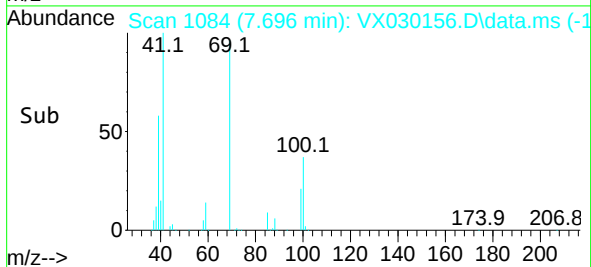
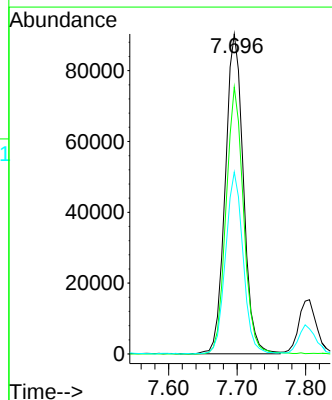
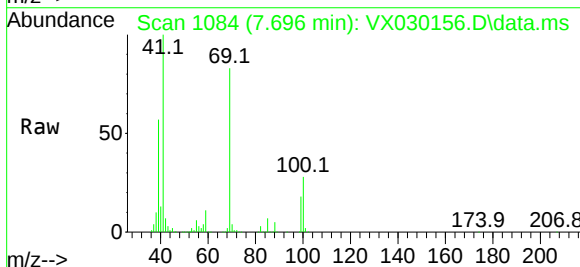
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 165614
Ion Ratio Lower Upper
83 100
85 63.2 53.5 80.3
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 63.370 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 41 Resp: 165867
Ion Ratio Lower Upper
41 100
69 80.3 68.8 103.2
39 55.0 44.6 66.8





#49

1,4-Dioxane

Concen: 1160.994 ug/l

RT: 7.665 min Scan# 1082

Delta R.T. -0.018 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

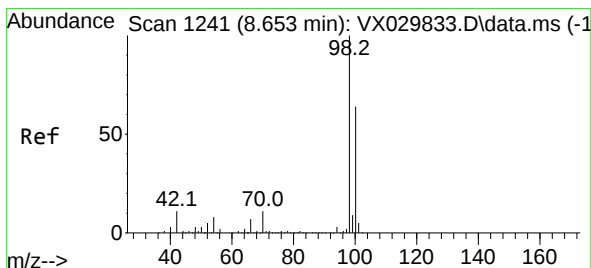
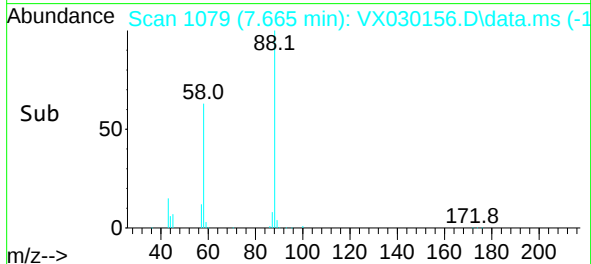
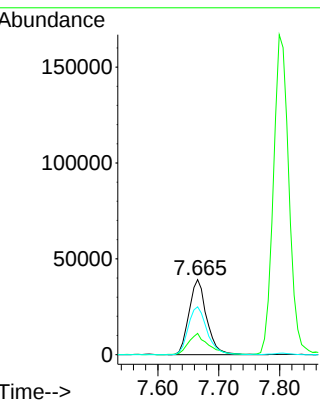
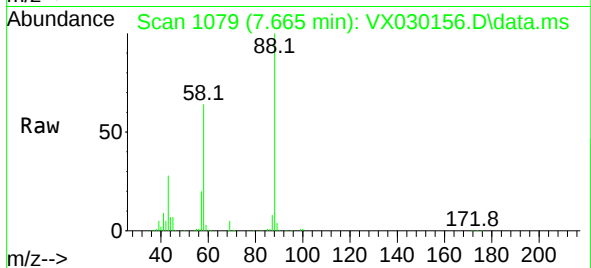
Tgt Ion: 88 Resp: 78951

Ion Ratio Lower Upper

88 100

43 32.0 23.8 35.8

58 67.9 53.8 80.6



#50

Toluene-d8

Concen: 49.091 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030156.D

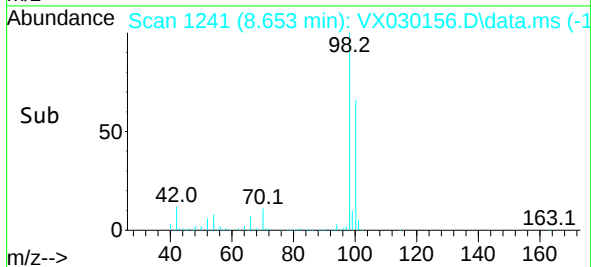
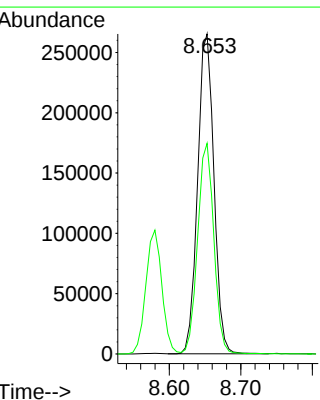
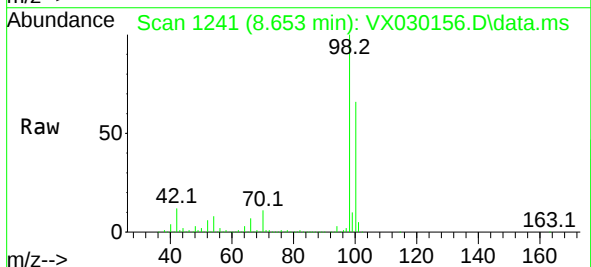
Acq: 21 Jul 2022 11:50

Tgt Ion: 98 Resp: 419638

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 310.298 ug/l

RT: 8.580 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

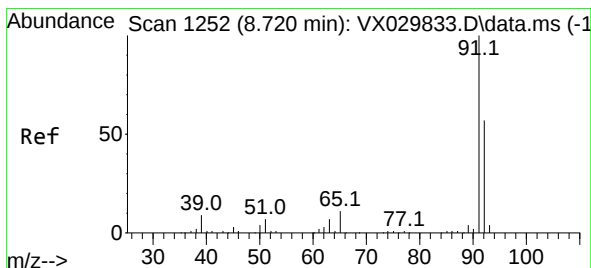
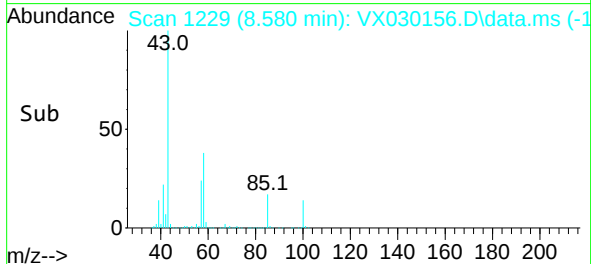
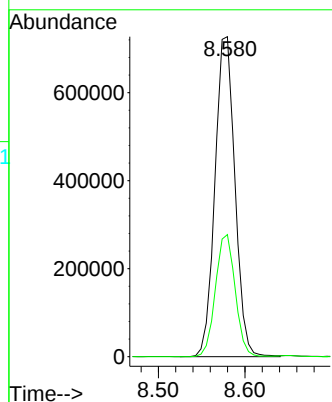
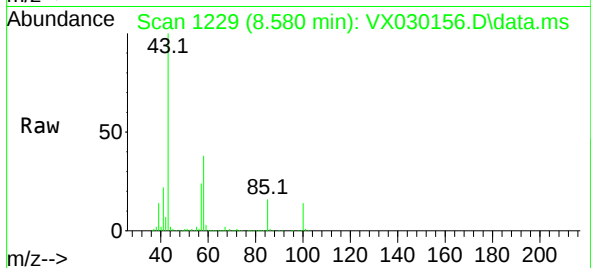
VSTDCCC050

Tgt Ion: 43 Resp: 1164802

Ion Ratio Lower Upper

43 100

58 37.7 31.4 47.2



#52

Toluene

Concen: 52.940 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX030156.D

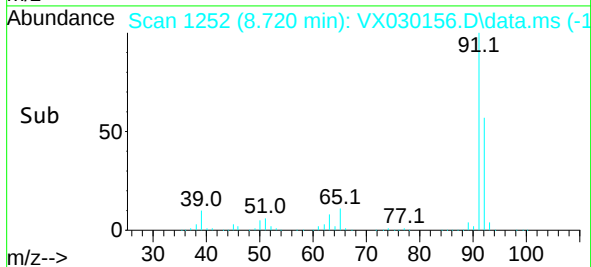
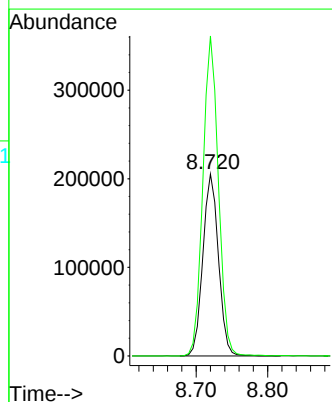
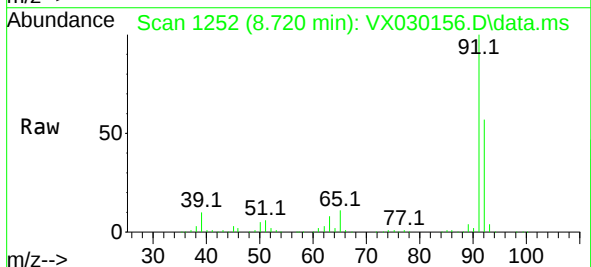
Acq: 21 Jul 2022 11:50

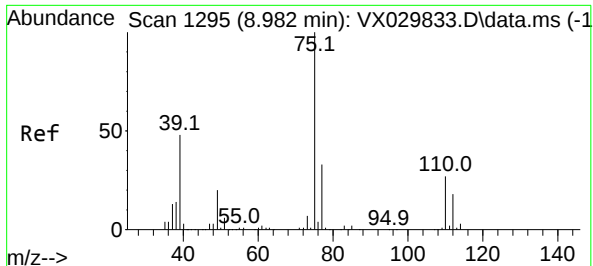
Tgt Ion: 92 Resp: 310637

Ion Ratio Lower Upper

92 100

91 174.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 58.420 ug/l

RT: 8.982 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

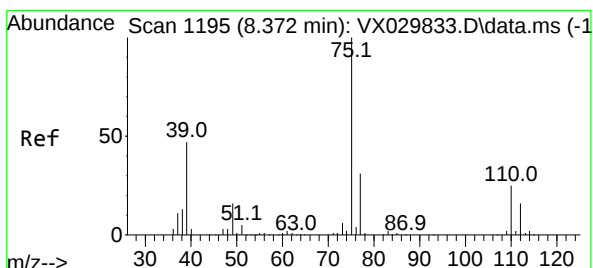
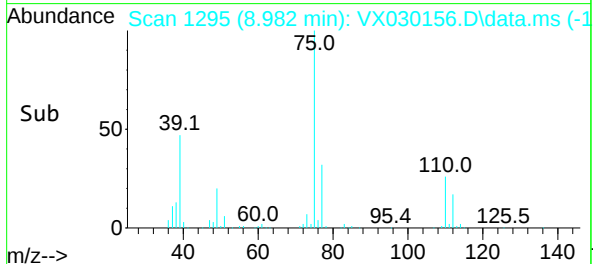
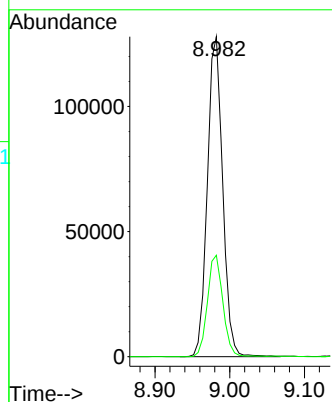
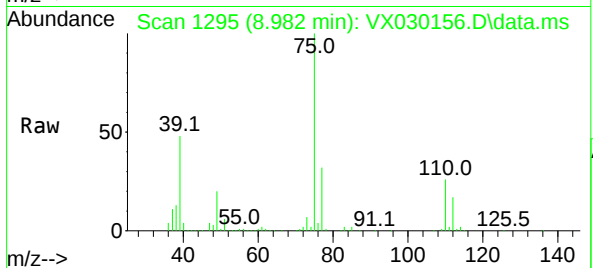
VSTDCCC050

Tgt Ion: 75 Resp: 182024

Ion Ratio Lower Upper

75 100

77 31.7 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 56.276 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

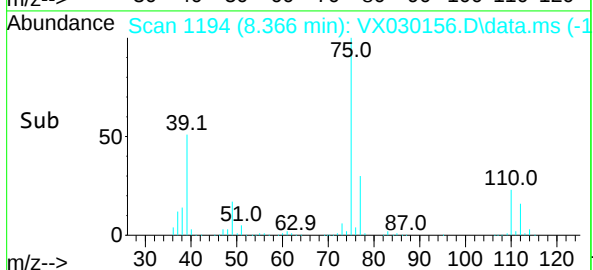
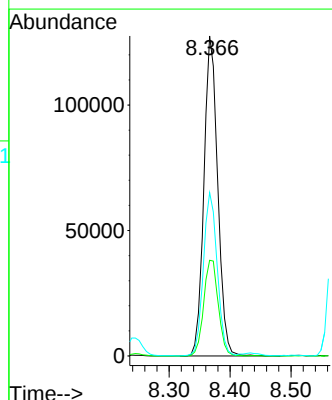
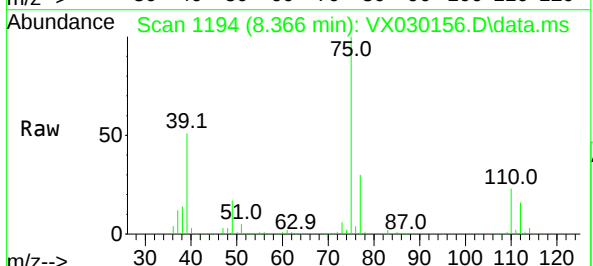
Tgt Ion: 75 Resp: 200873

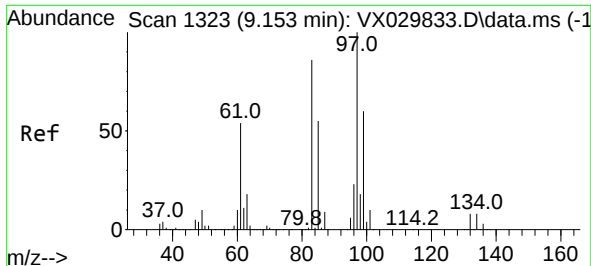
Ion Ratio Lower Upper

75 100

77 29.9 25.0 37.4

39 51.0 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 54.438 ug/l

RT: 9.153 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 131726

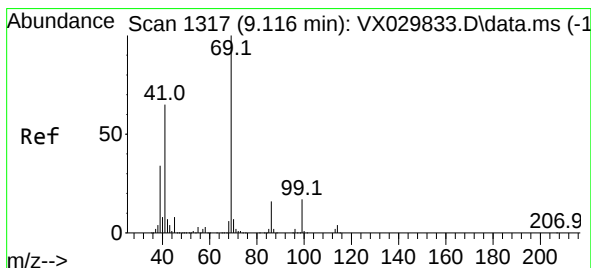
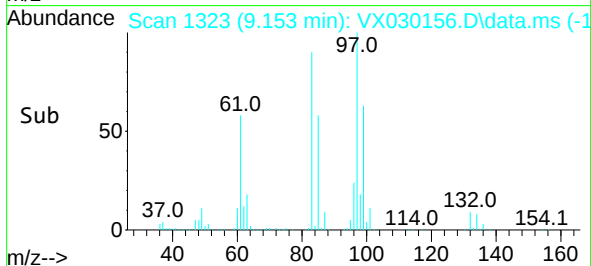
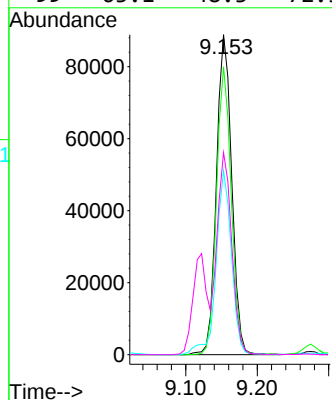
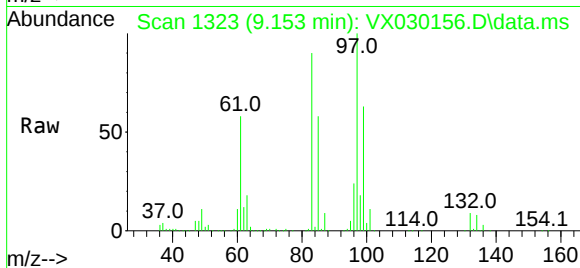
Ion Ratio Lower Upper

97 100

83 90.0 68.9 103.3

85 57.5 44.0 66.0

99 63.1 48.3 72.5



#56

Ethyl methacrylate

Concen: 59.375 ug/l

RT: 9.122 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

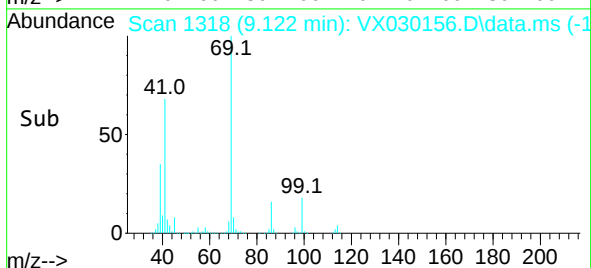
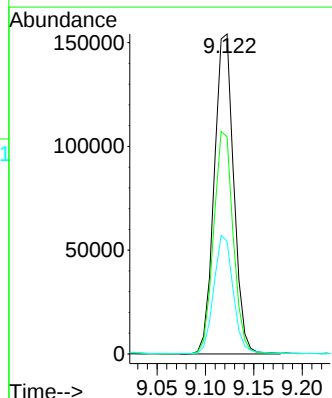
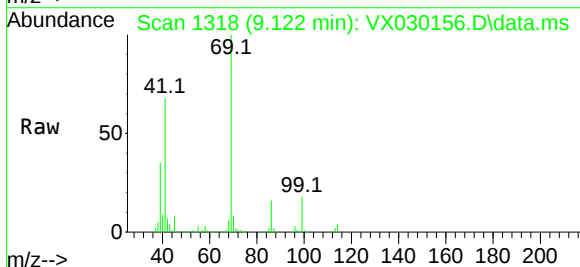
Tgt Ion: 69 Resp: 216011

Ion Ratio Lower Upper

69 100

41 69.6 52.3 78.5

39 37.2 28.2 42.4





#57

1,3-Dichloropropane

Concen: 55.464 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

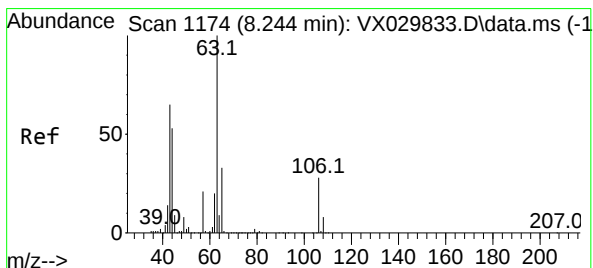
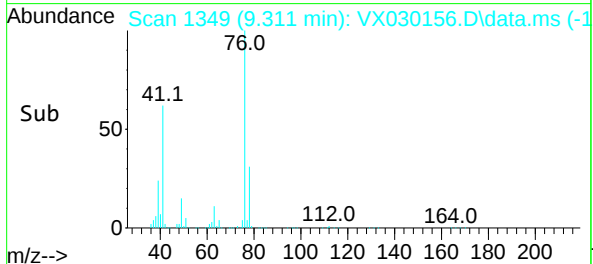
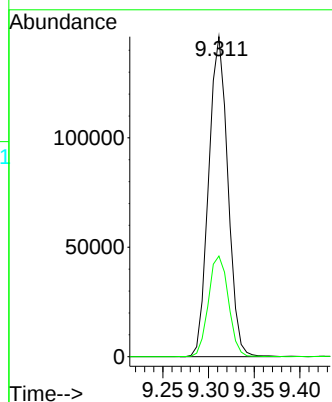
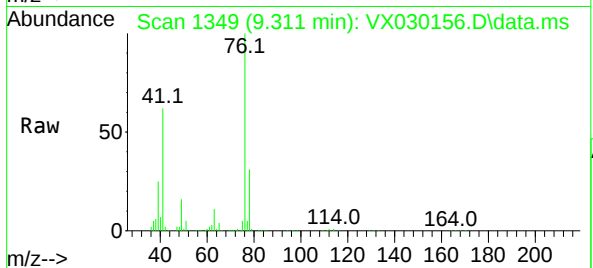
VSTDCCC050

Tgt Ion: 76 Resp: 213196

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 283.965 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX030156.D

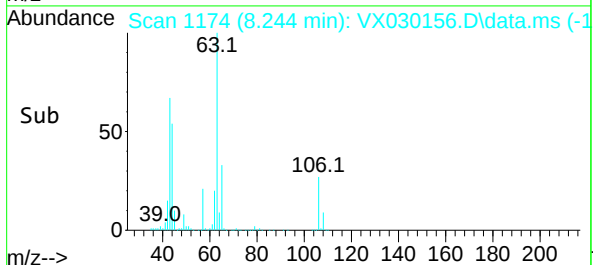
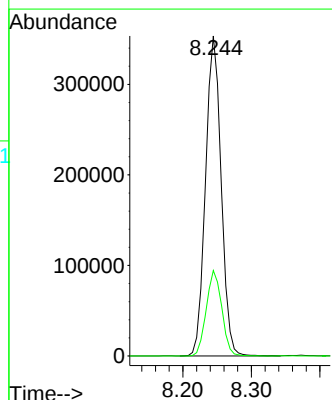
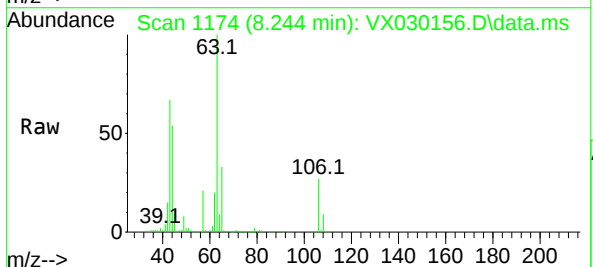
Acq: 21 Jul 2022 11:50

Tgt Ion: 63 Resp: 560967

Ion Ratio Lower Upper

63 100

106 26.5 22.2 33.2





#59

2-Hexanone

Concen: 327.193 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

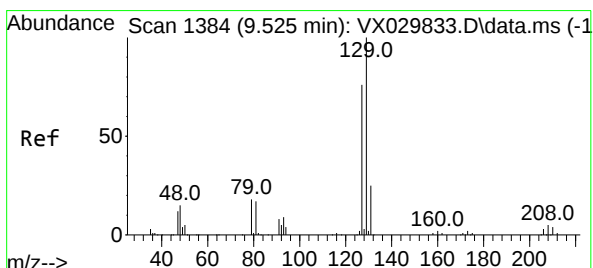
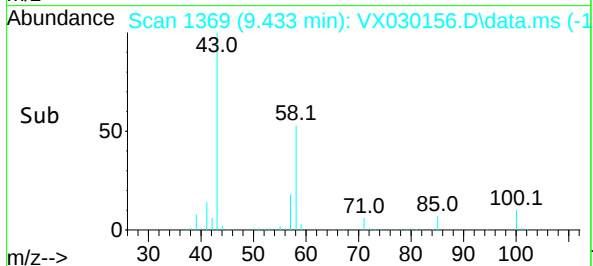
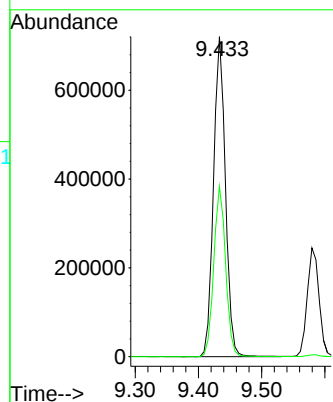
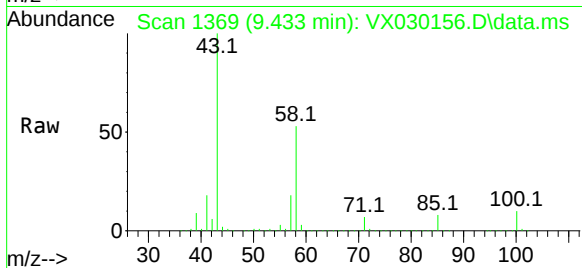
VSTDCCC050

Tgt Ion: 43 Resp: 941874

Ion Ratio Lower Upper

43 100

58 53.1 27.6 82.8



#60

Dibromochloromethane

Concen: 53.221 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX030156.D

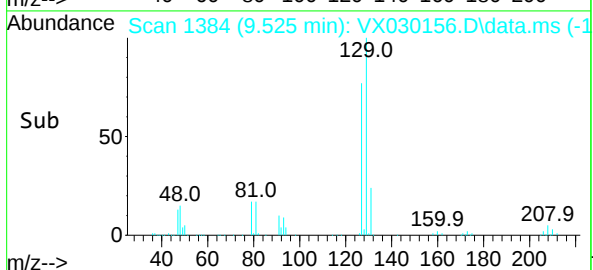
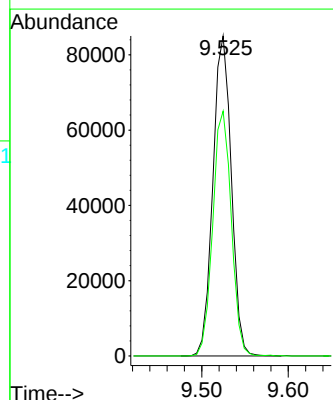
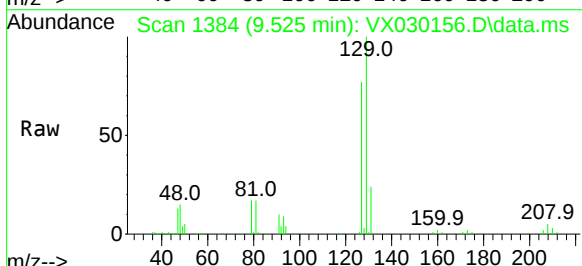
Acq: 21 Jul 2022 11:50

Tgt Ion: 129 Resp: 125463

Ion Ratio Lower Upper

129 100

127 77.0 38.5 115.5

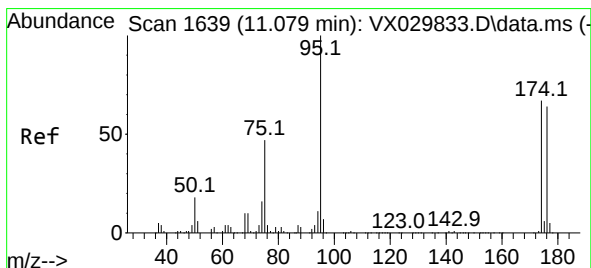
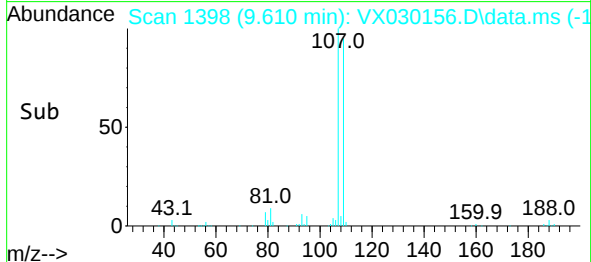
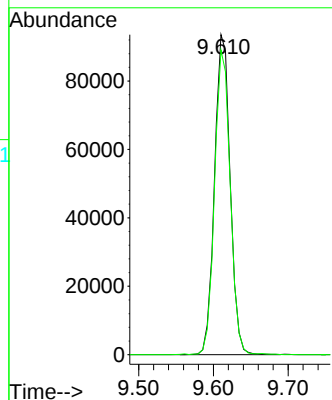
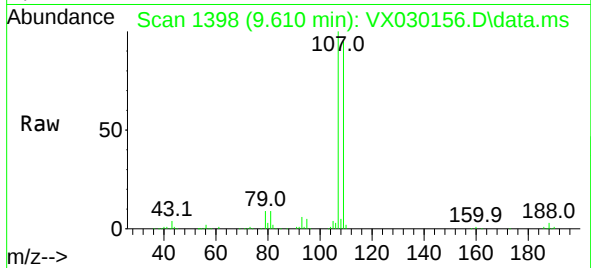




#61
1,2-Dibromoethane
Concen: 53.935 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

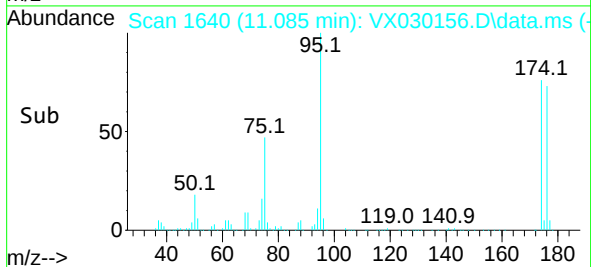
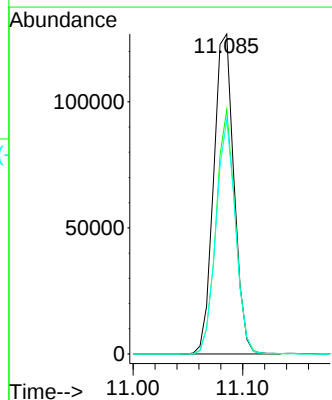
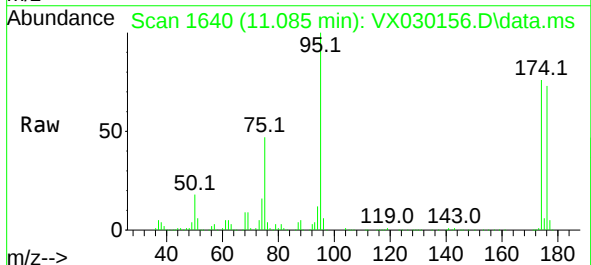
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 135829
Ion Ratio Lower Upper
107 100
109 95.3 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.286 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 95 Resp: 164002
Ion Ratio Lower Upper
95 100
174 72.2 0.0 149.0
176 70.1 0.0 146.0

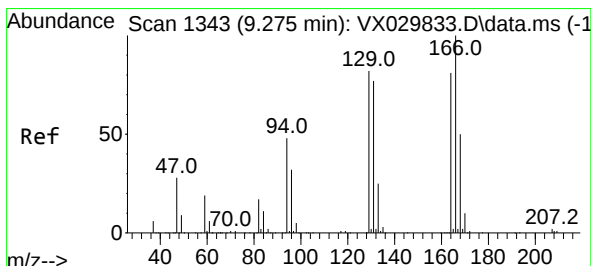
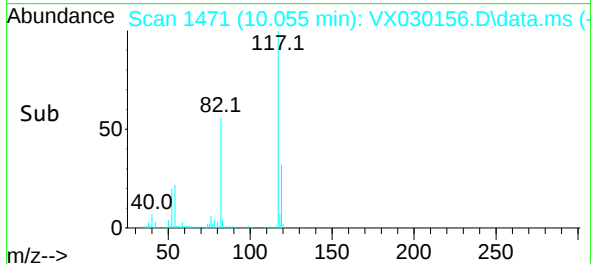
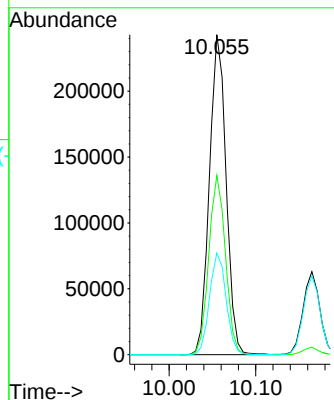
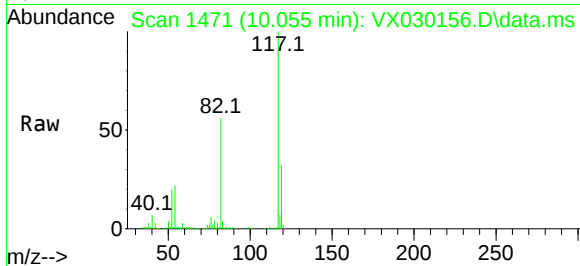




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

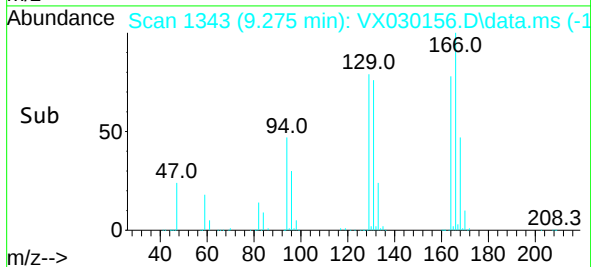
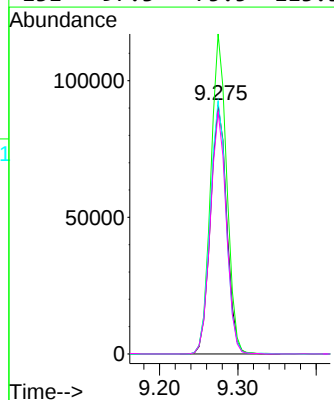
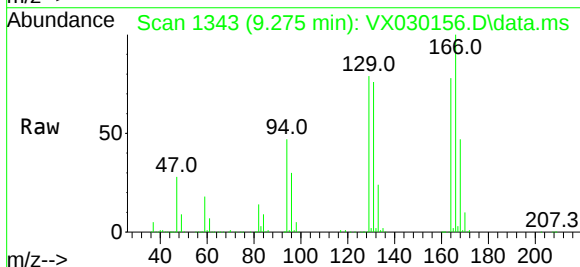
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

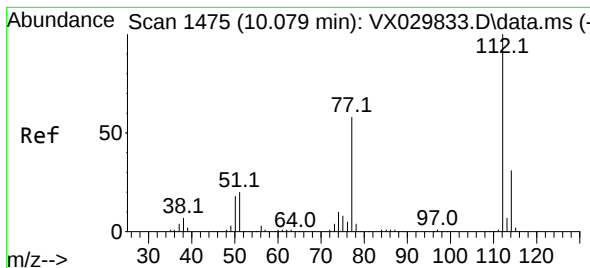
Tgt Ion:117 Resp: 325130
Ion Ratio Lower Upper
117 100
82 56.0 42.7 64.1
119 31.7 25.4 38.2



#64
Tetrachloroethene
Concen: 50.258 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion:164 Resp: 131169
Ion Ratio Lower Upper
164 100
166 128.7 98.2 147.4
129 101.6 80.8 121.2
131 97.3 75.5 113.3





#65

Chlorobenzene

Concen: 51.598 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

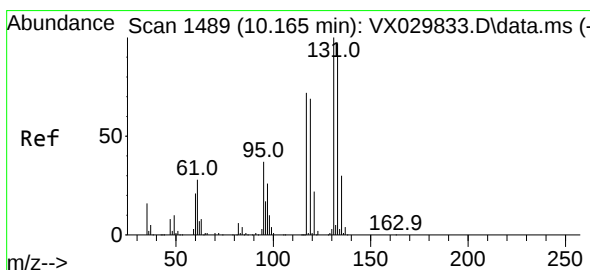
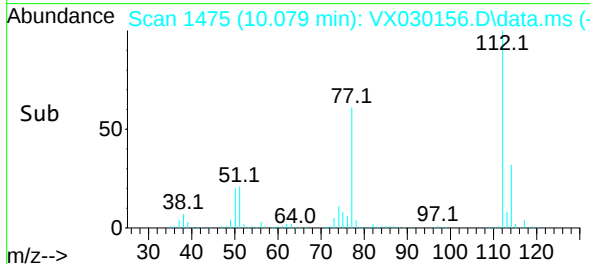
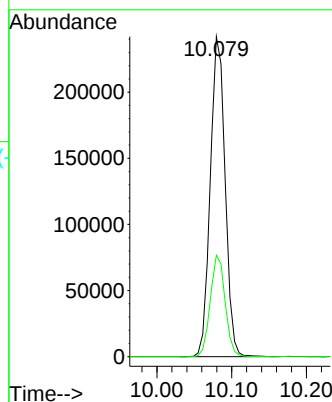
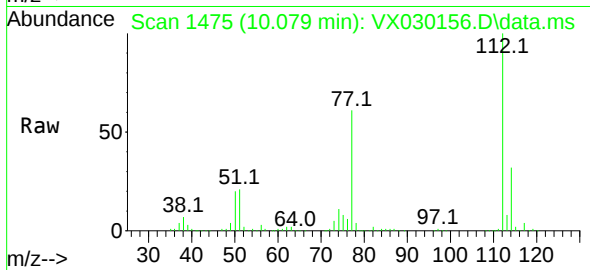
VSTDCCC050

Tgt Ion:112 Resp: 334058

Ion Ratio Lower Upper

112 100

114 31.7 24.6 36.8



#66

1,1,1,2-Tetrachloroethane

Concen: 53.056 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

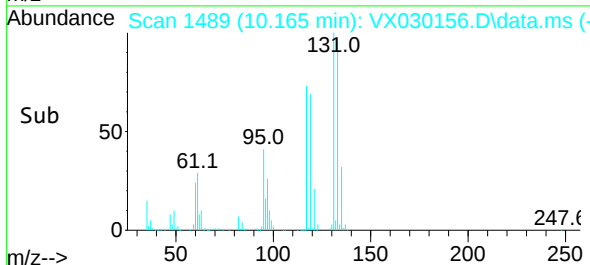
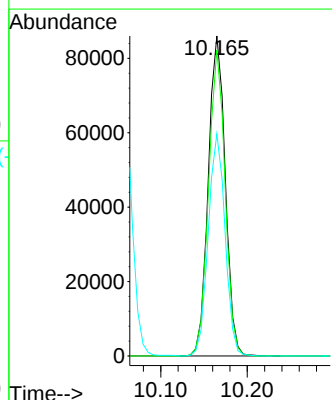
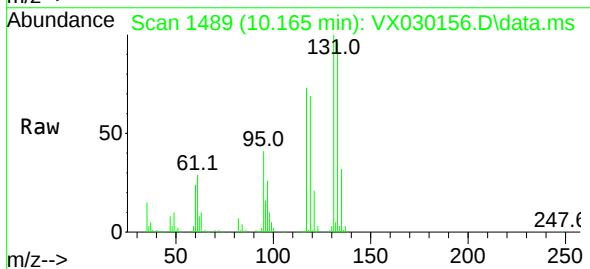
Tgt Ion:131 Resp: 117104

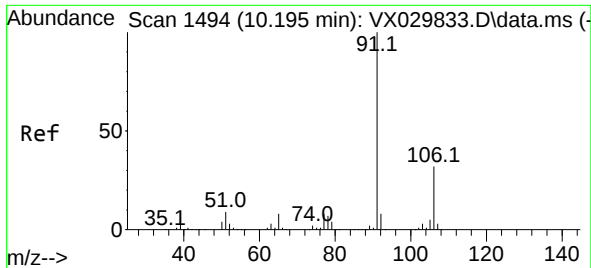
Ion Ratio Lower Upper

131 100

133 93.0 46.9 140.8

119 68.8 34.4 103.1





#67

Ethyl Benzene

Concen: 55.644 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

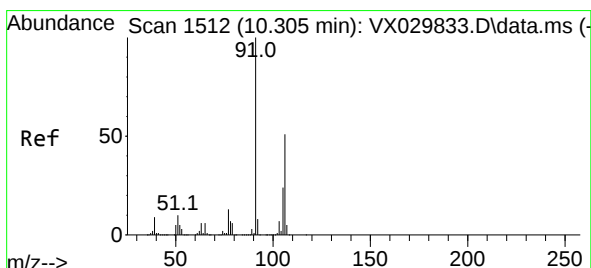
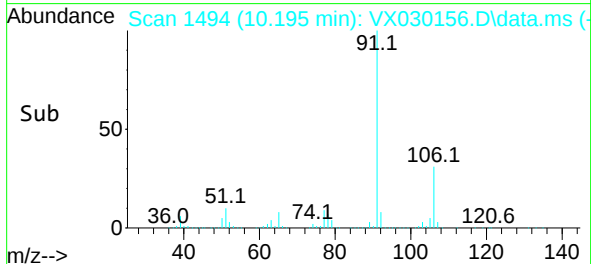
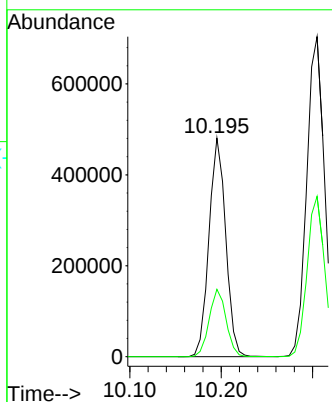
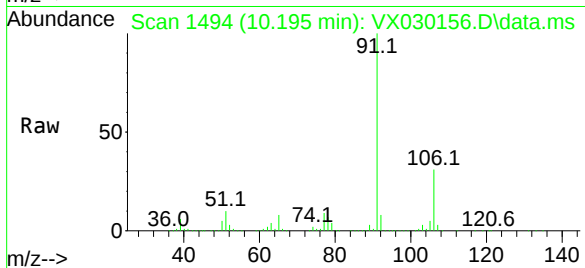
VSTDCCC050

Tgt Ion: 91 Resp: 610571

Ion Ratio Lower Upper

91 100

106 30.8 25.5 38.3



#68

m/p-Xylenes

Concen: 109.206 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX030156.D

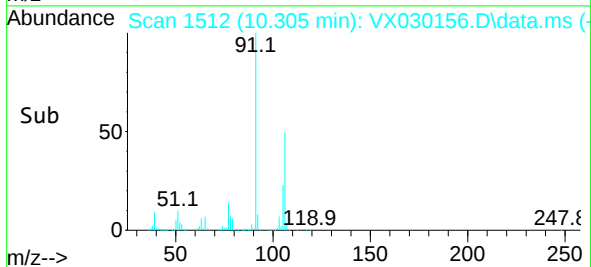
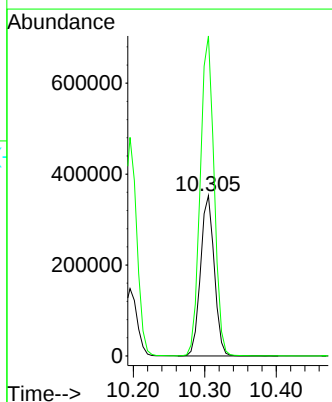
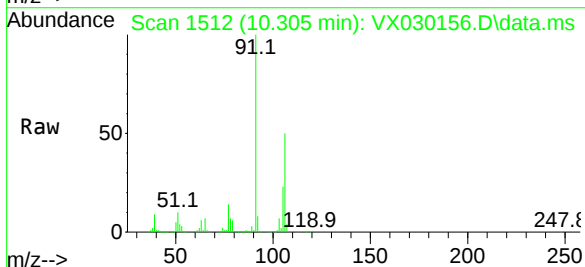
Acq: 21 Jul 2022 11:50

Tgt Ion: 106 Resp: 469993

Ion Ratio Lower Upper

106 100

91 202.2 158.2 237.4





#69

o-Xylene

Concen: 53.947 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

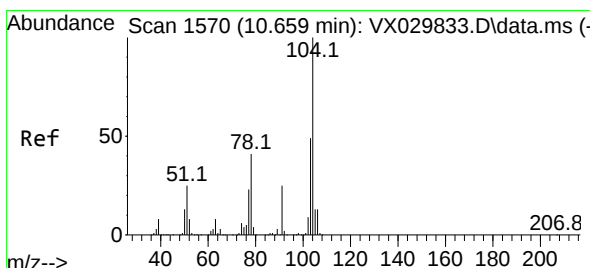
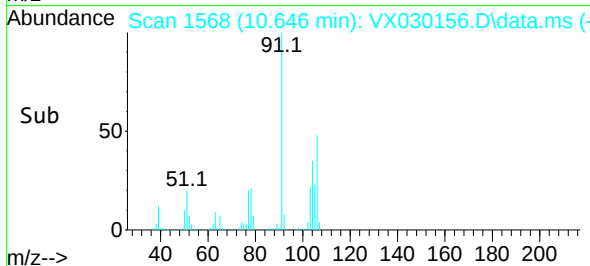
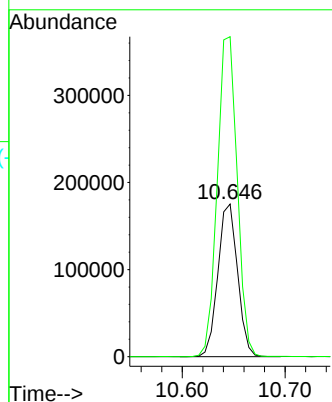
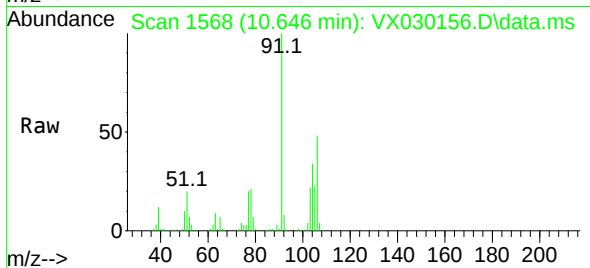
VSTDCCC050

Tgt Ion:106 Resp: 232470

Ion Ratio Lower Upper

106 100

91 212.2 103.8 311.6



#70

Styrene

Concen: 55.572 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

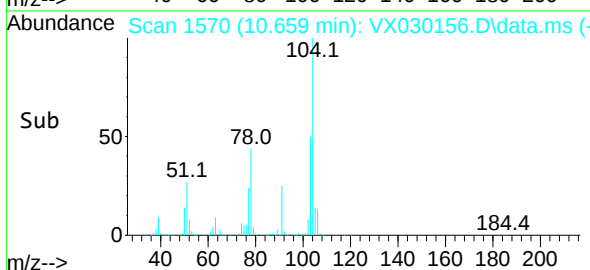
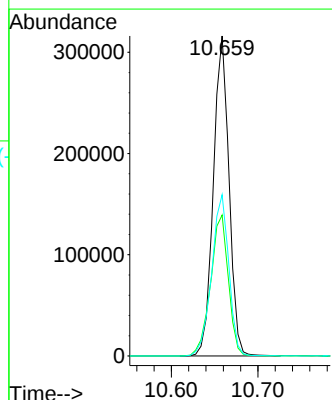
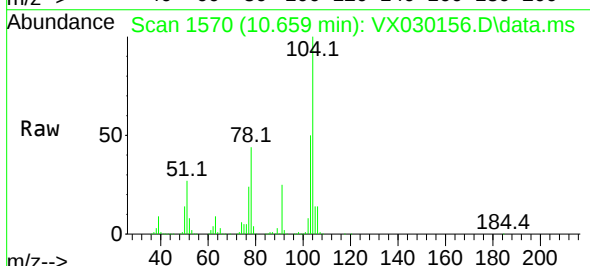
Tgt Ion:104 Resp: 397468

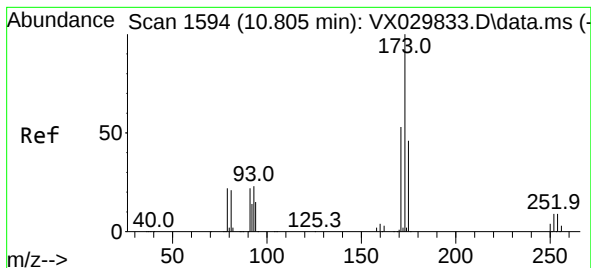
Ion Ratio Lower Upper

104 100

78 49.9 37.8 56.8

103 55.3 44.5 66.7





#71

Bromoform

Concen: 50.595 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

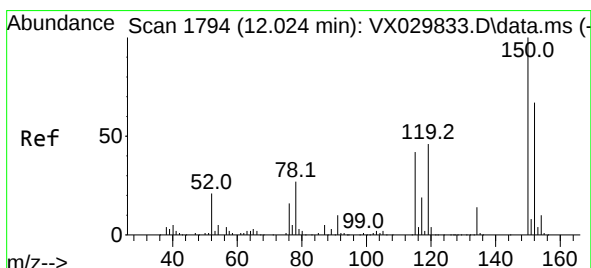
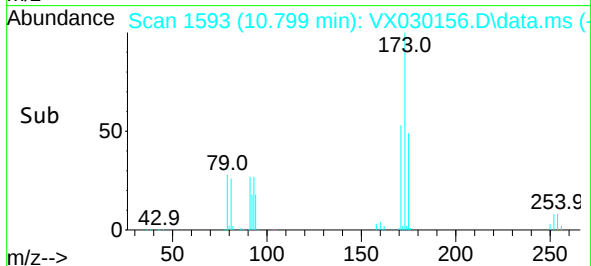
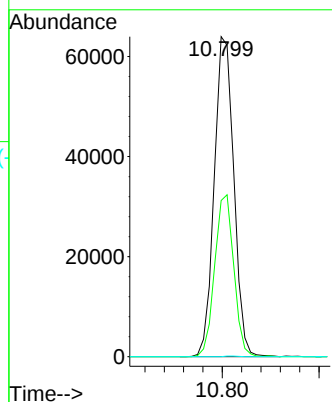
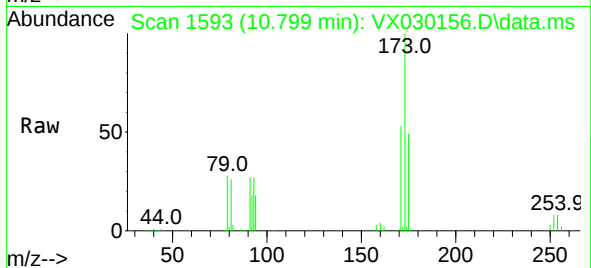
Tgt Ion:173 Resp: 89720

Ion Ratio Lower Upper

173 100

175 49.4 23.8 71.2

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: VX030156.D

Acq: 21 Jul 2022 11:50

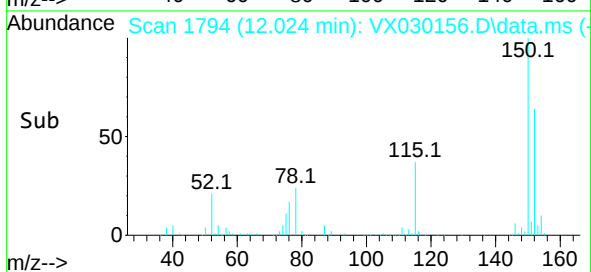
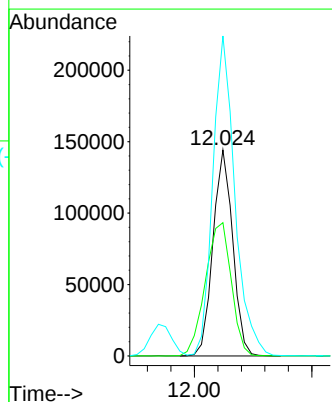
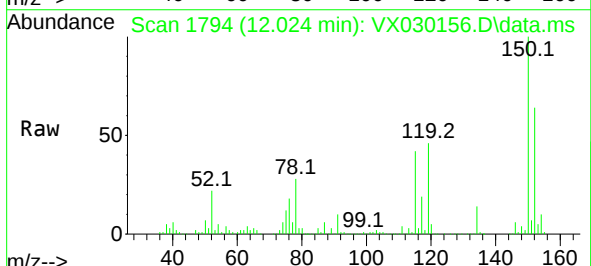
Tgt Ion:152 Resp: 168143

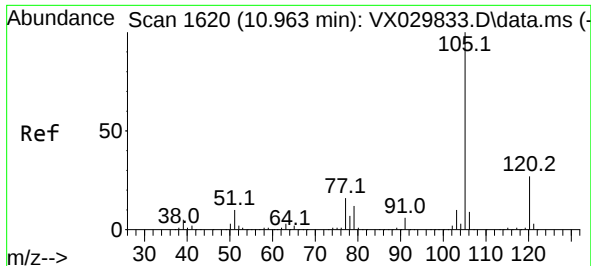
Ion Ratio Lower Upper

152 100

115 85.1 40.5 121.5

150 173.9 0.0 347.0

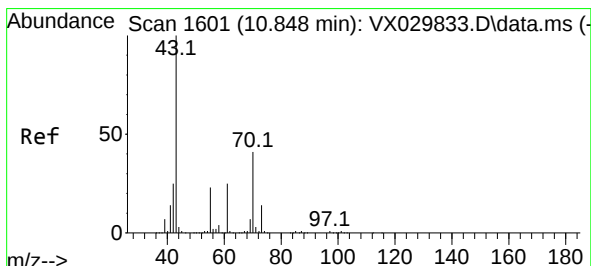
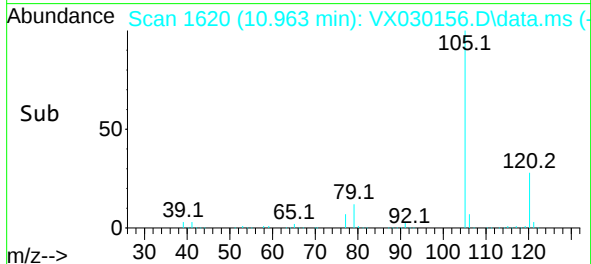
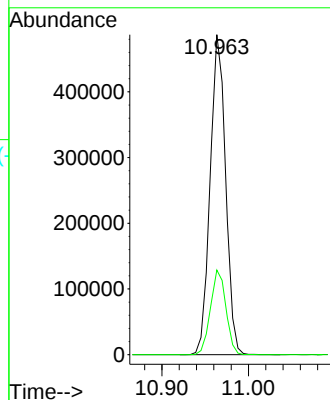
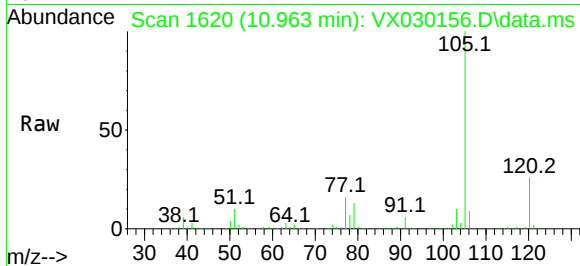




#73
Isopropylbenzene
Concen: 51.616 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

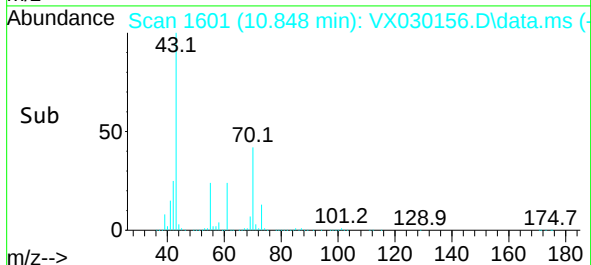
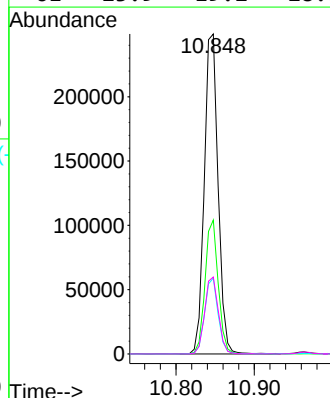
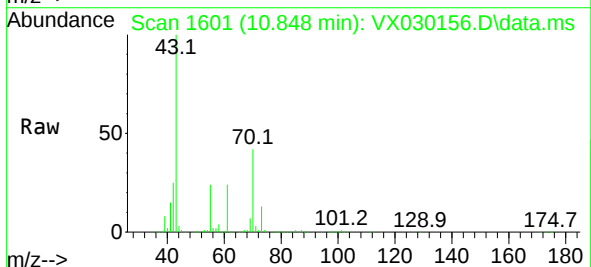
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 604307
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.4



#74
N-ethyl acetate
Concen: 59.152 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 43 Resp: 304169
Ion Ratio Lower Upper
43 100
70 40.0 32.3 48.5
55 23.1 18.4 27.6
61 23.9 19.2 28.8

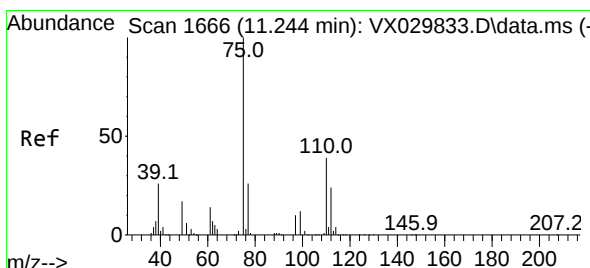
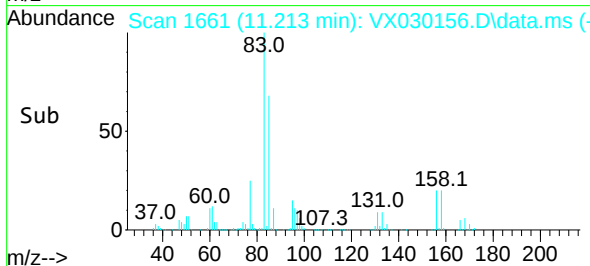
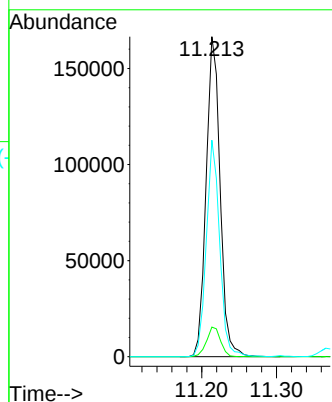
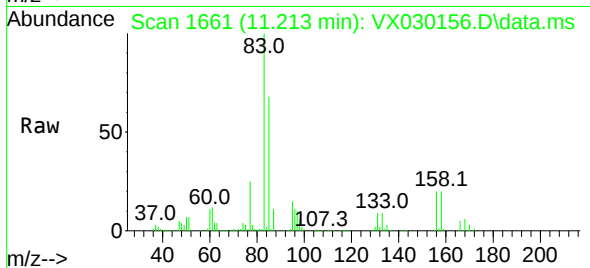




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.149 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX030156.D
 Acq: 21 Jul 2022 11:50

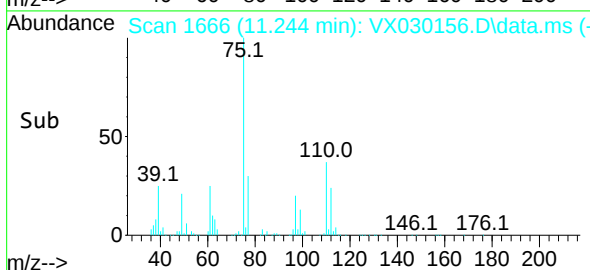
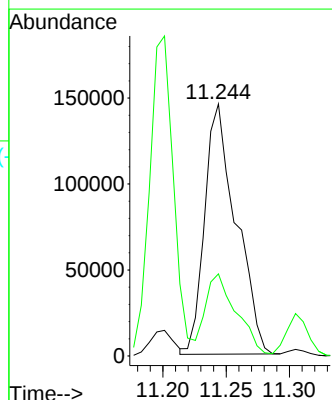
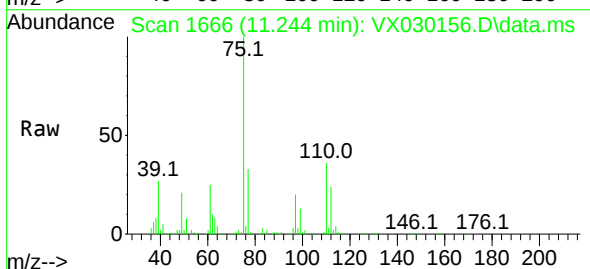
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 216052
 Ion Ratio Lower Upper
 83 100
 131 9.3 4.5 13.7
 85 64.7 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 65.214 ug/l
 RT: 11.244 min Scan# 1666
 Delta R.T. -0.000 min
 Lab File: VX030156.D
 Acq: 21 Jul 2022 11:50

Tgt Ion: 75 Resp: 252117
 Ion Ratio Lower Upper
 75 100
 77 32.3 19.8 59.3





#77

Bromobenzene

Concen: 47.895 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

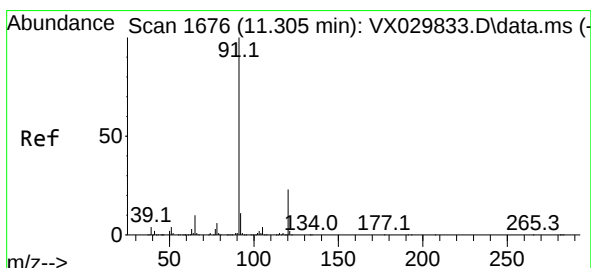
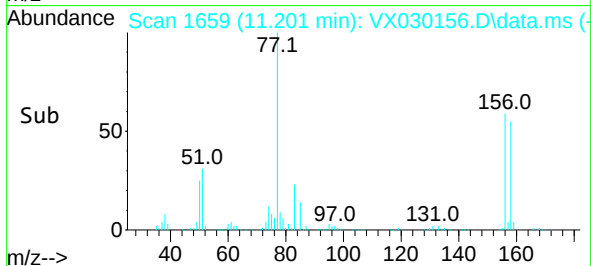
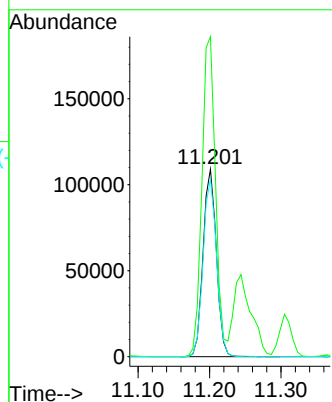
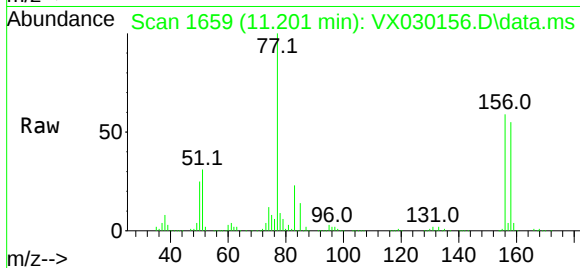
Tgt Ion:156 Resp: 140299

Ion Ratio Lower Upper

156 100

77 175.6 82.7 247.9

158 96.2 47.5 142.5



#78

n-propylbenzene

Concen: 53.140 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX030156.D

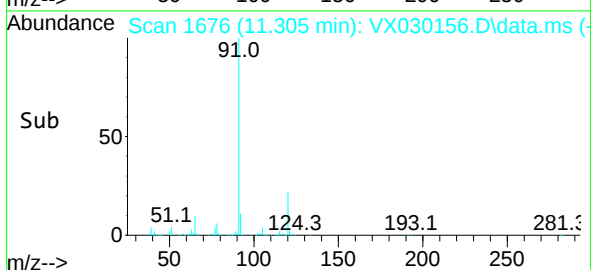
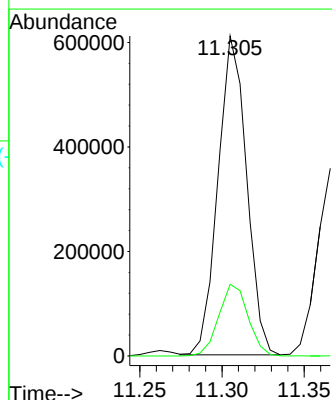
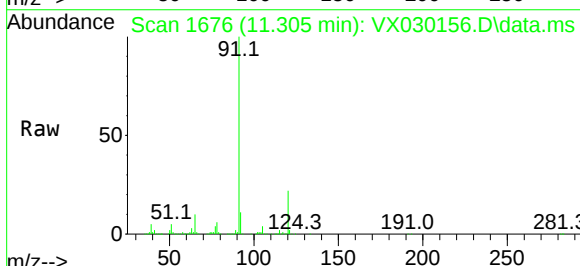
Acq: 21 Jul 2022 11:50

Tgt Ion: 91 Resp: 738087

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 52.926 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

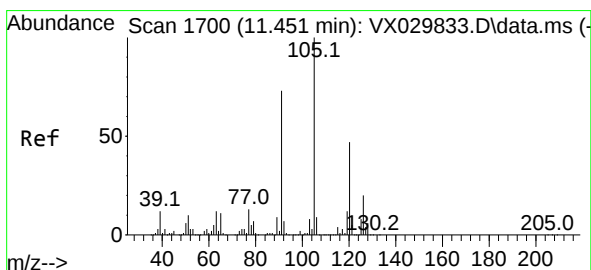
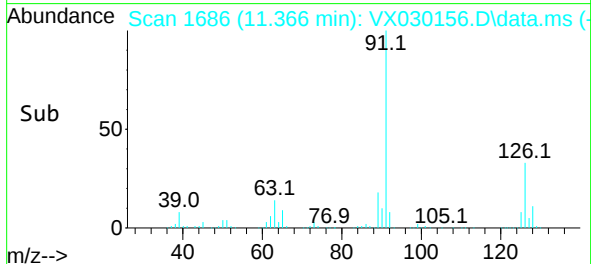
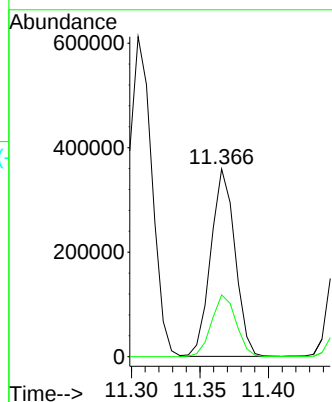
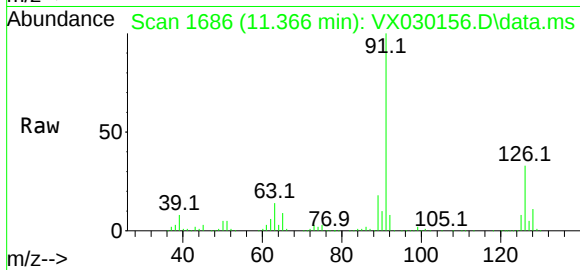
VSTDCCC050

Tgt Ion: 91 Resp: 440307

Ion Ratio Lower Upper

91 100

126 33.5 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 52.629 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX030156.D

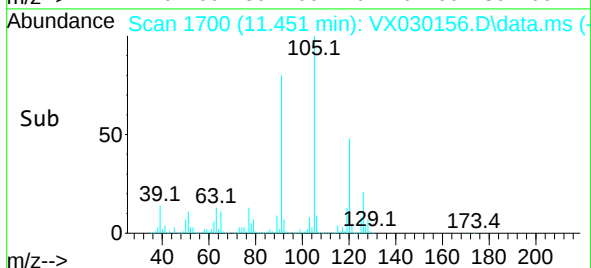
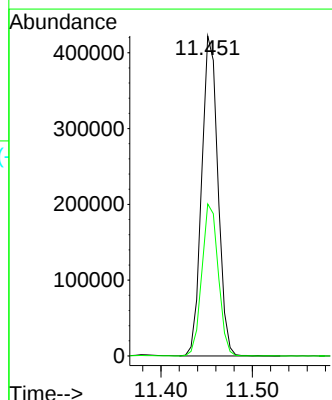
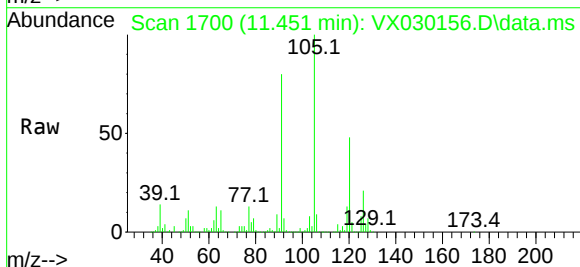
Acq: 21 Jul 2022 11:50

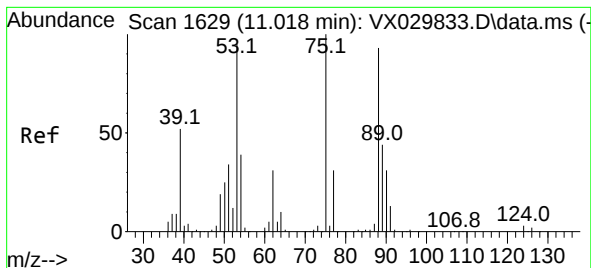
Tgt Ion: 105 Resp: 519194

Ion Ratio Lower Upper

105 100

120 48.2 24.4 73.2

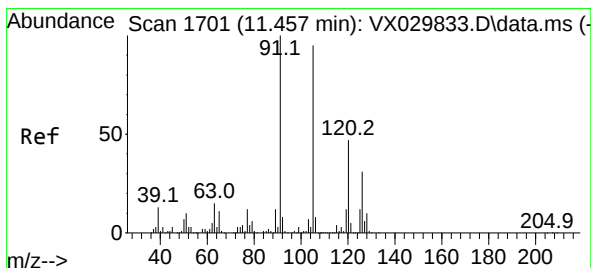
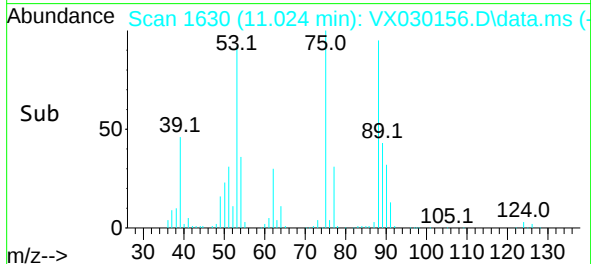
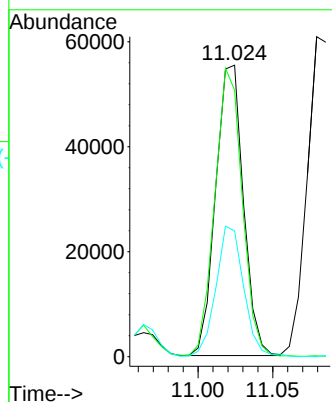
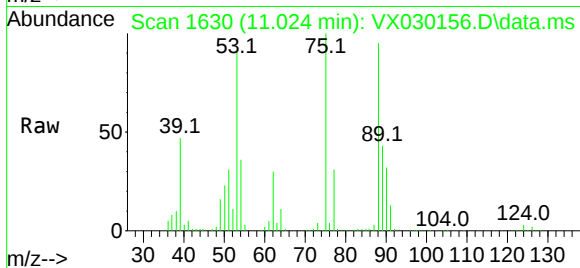




#81
trans-1,4-Dichloro-2-butene
Concen: 53.323 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

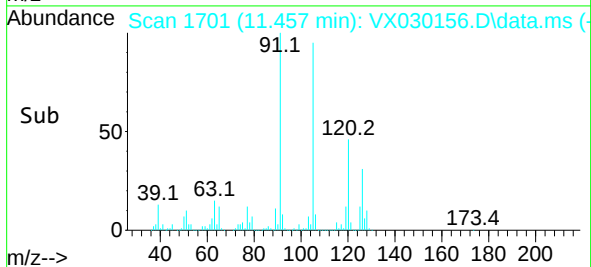
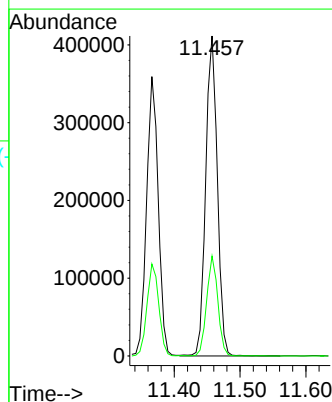
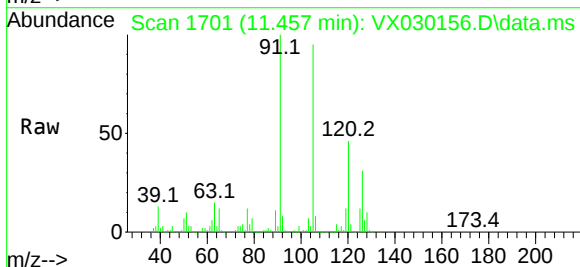
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

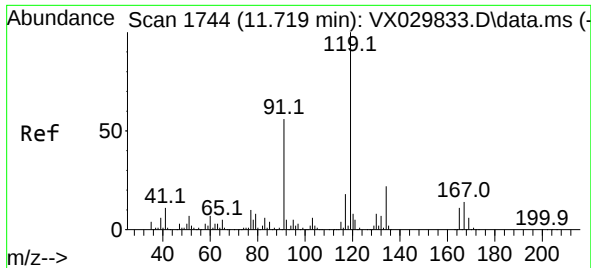
Tgt Ion: 75 Resp: 71430
Ion Ratio Lower Upper
75 100
53 97.9 74.2 111.4
89 45.0 34.8 52.2



#82
4-Chlorotoluene
Concen: 54.192 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 91 Resp: 505128
Ion Ratio Lower Upper
91 100
126 30.3 15.3 45.9

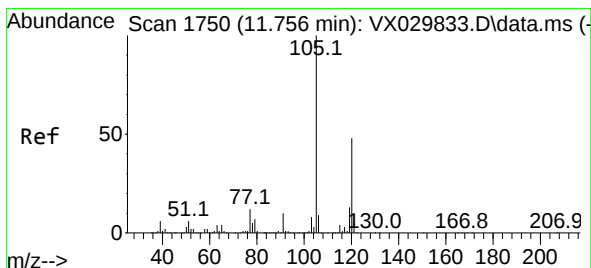
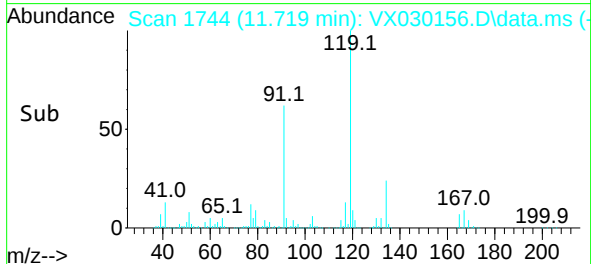
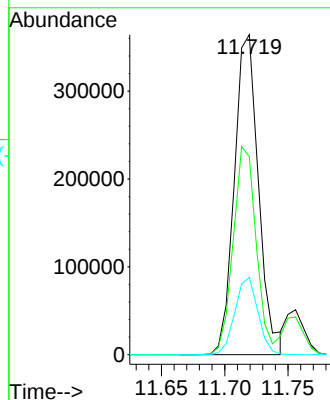
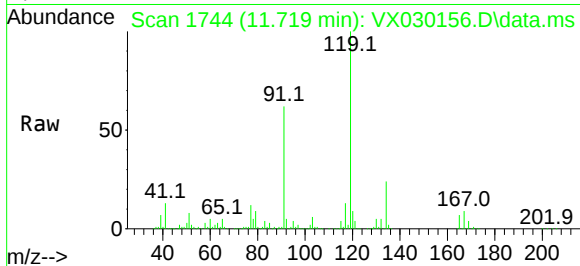




#83
tert-Butylbenzene
Concen: 51.391 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

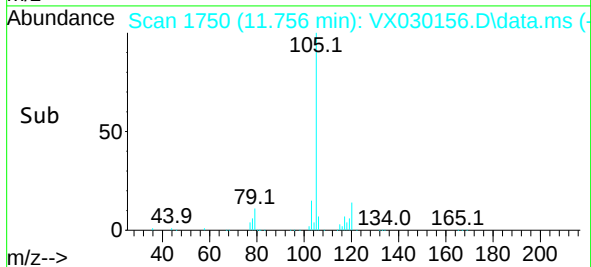
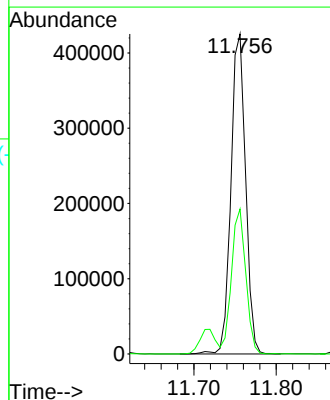
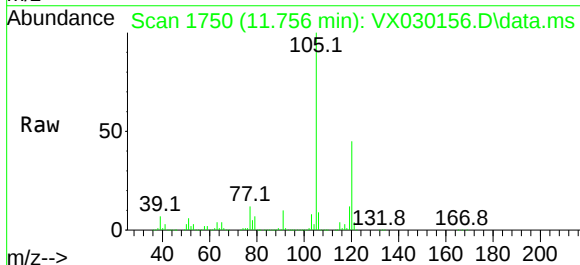
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 486198
Ion Ratio Lower Upper
119 100
91 61.6 28.3 84.9
134 23.0 11.2 33.5



#84
1,2,4-Trimethylbenzene
Concen: 54.099 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion:105 Resp: 527898
Ion Ratio Lower Upper
105 100
120 44.3 22.9 68.8

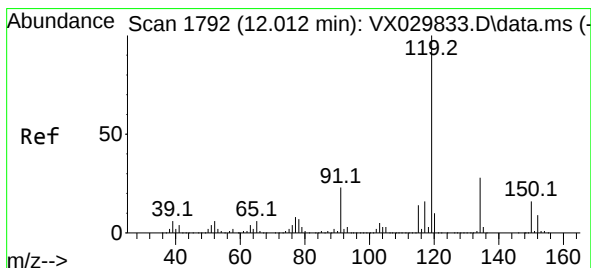
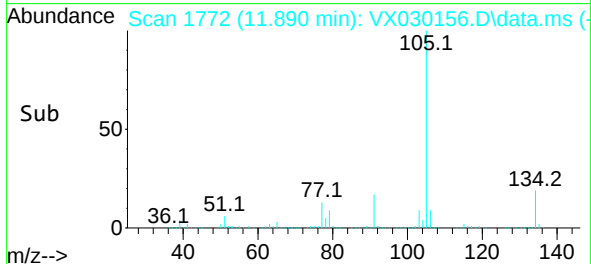
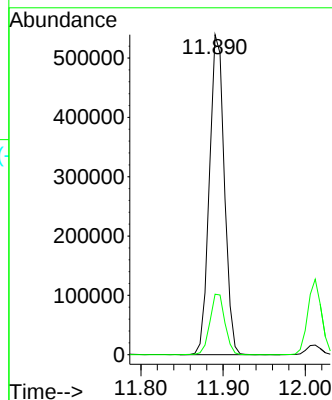
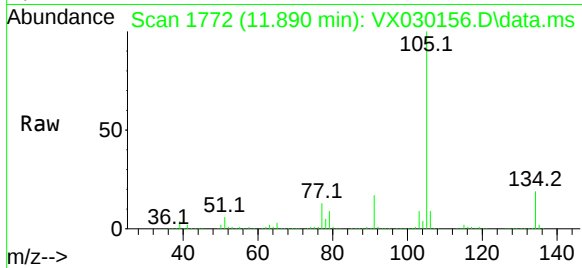




#85
 sec-Butylbenzene
 Concen: 54.372 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX030156.D
 Acq: 21 Jul 2022 11:50

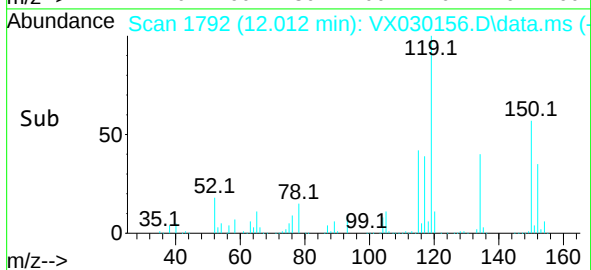
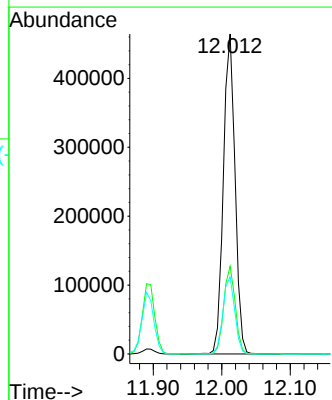
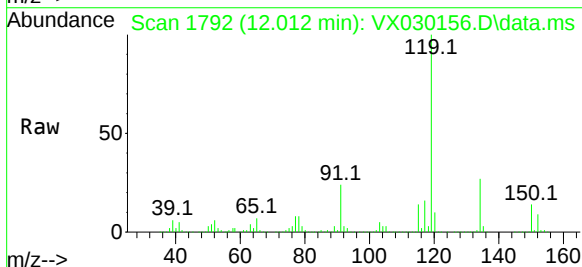
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 680030
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 54.477 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX030156.D
 Acq: 21 Jul 2022 11:50

Tgt Ion:119 Resp: 546609
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.9 41.6
 91 24.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.876 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

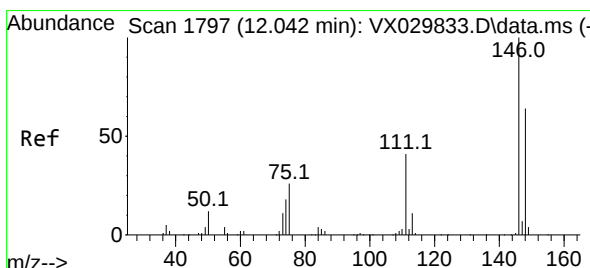
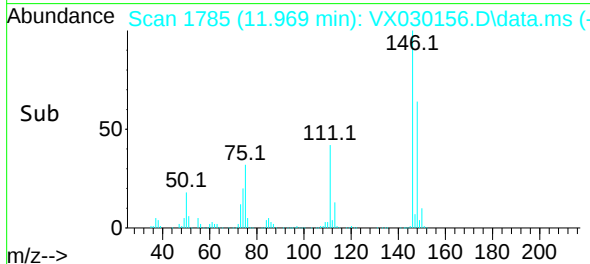
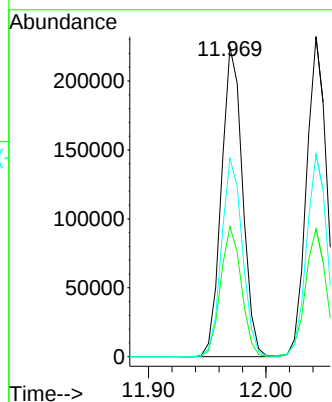
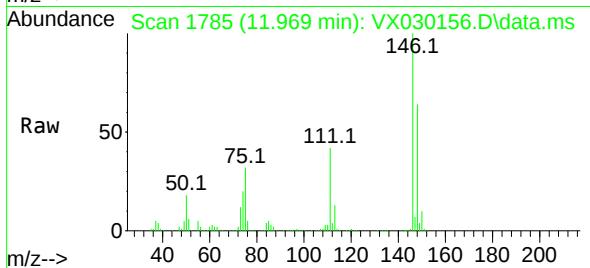
Tgt Ion:146 Resp: 280774

Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.8

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 49.989 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

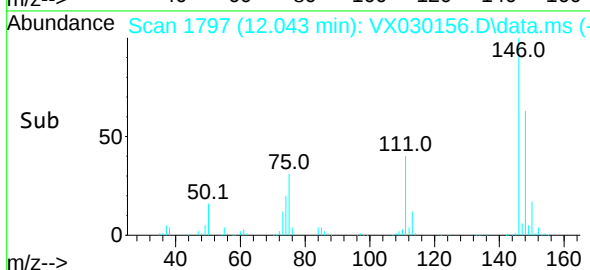
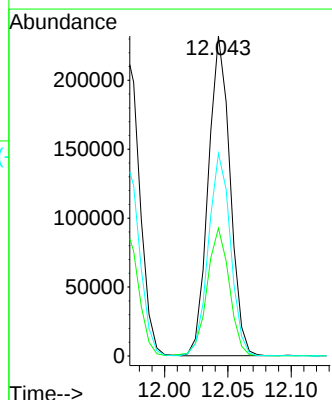
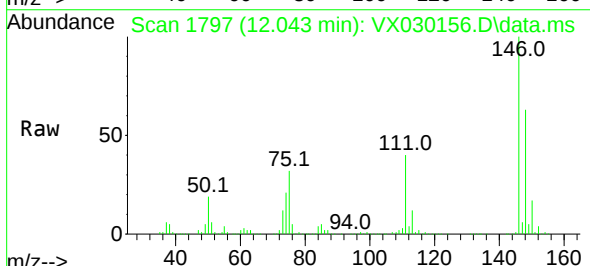
Tgt Ion:146 Resp: 277654

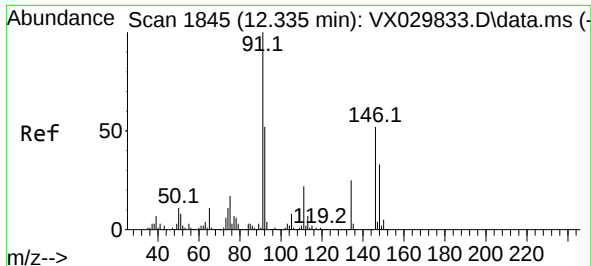
Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.9

148 64.4 32.3 96.8

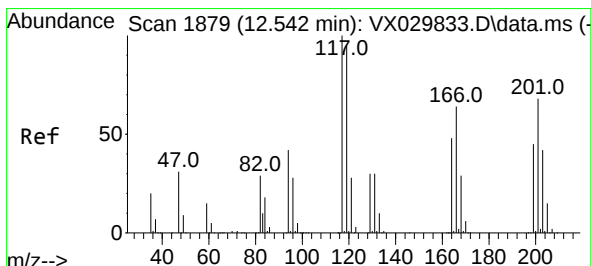
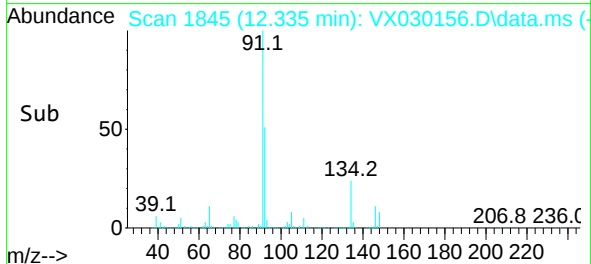
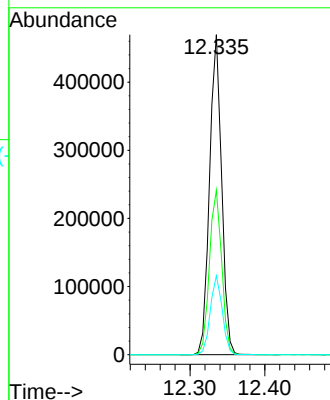
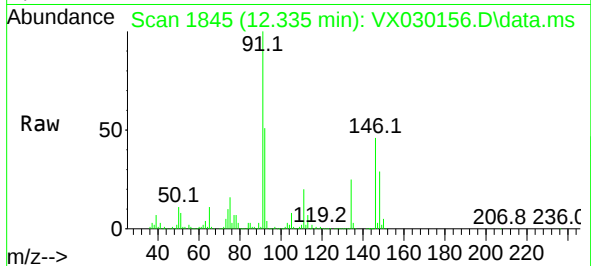




#89
n-Butylbenzene
Concen: 58.514 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

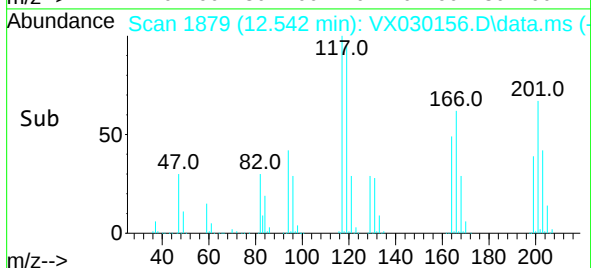
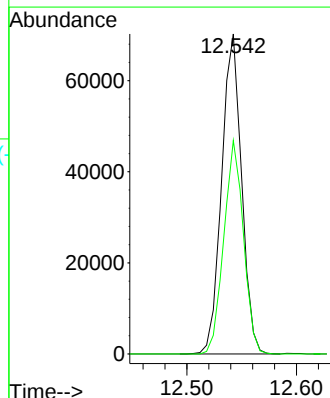
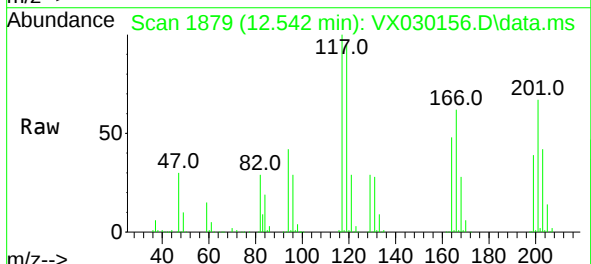
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

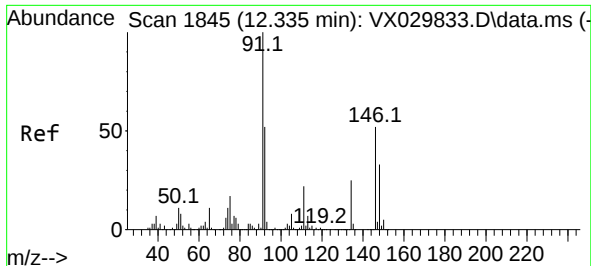
Tgt Ion: 91 Resp: 526042
Ion Ratio Lower Upper
91 100
92 52.3 26.2 78.5
134 24.5 12.6 37.8



#90
Hexachloroethane
Concen: 51.828 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX030156.D
Acq: 21 Jul 2022 11:50

Tgt Ion: 117 Resp: 88899
Ion Ratio Lower Upper
117 100
201 65.6 34.2 102.5





#91

1,2-Dichlorobenzene

Concen: 49.355 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

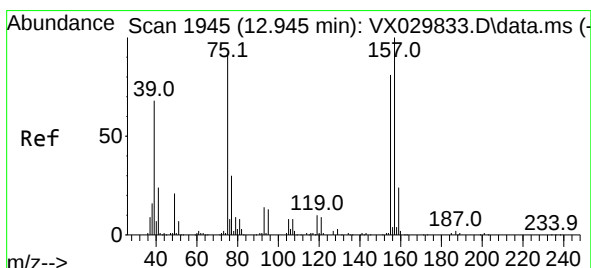
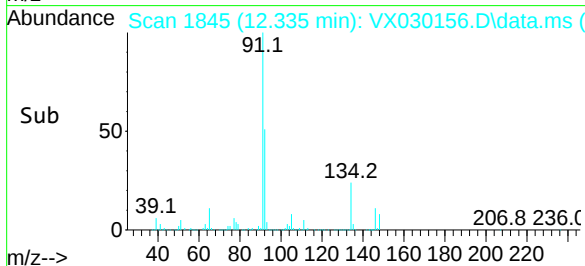
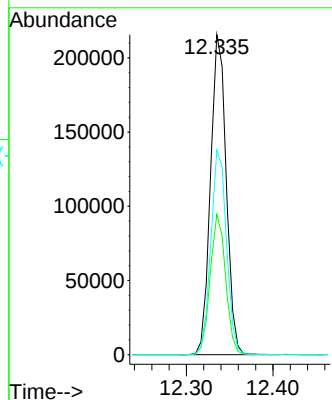
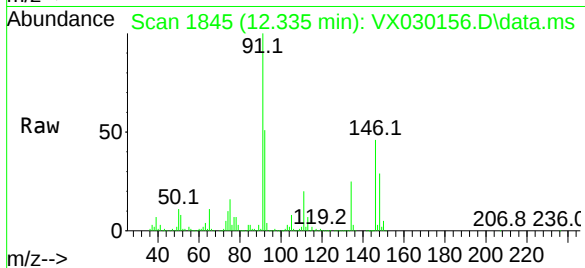
Tgt Ion:146 Resp: 271392

Ion Ratio Lower Upper

146 100

111 43.2 20.7 62.1

148 63.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.238 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

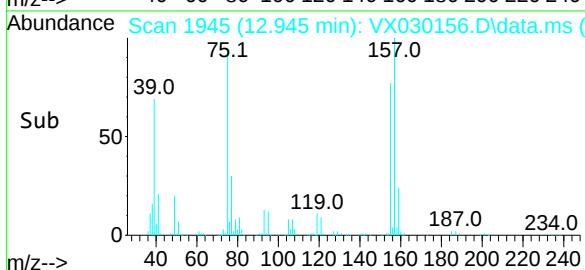
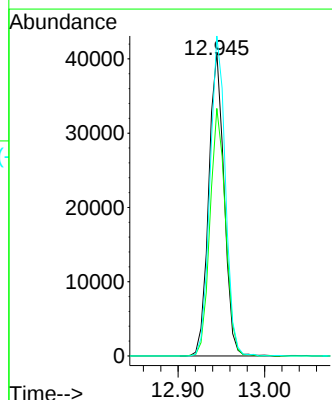
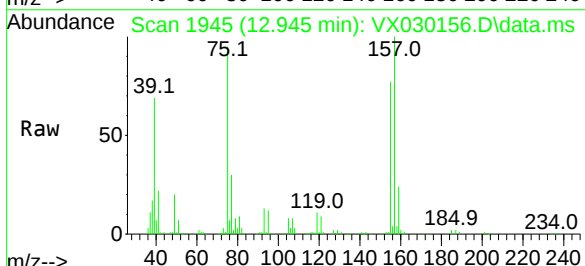
Tgt Ion: 75 Resp: 50382

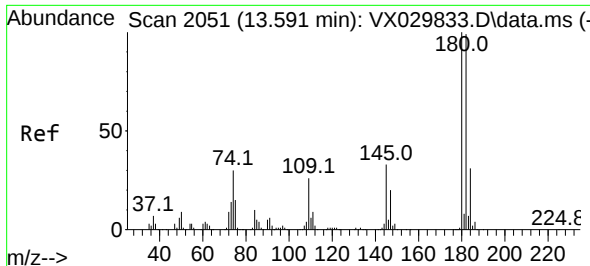
Ion Ratio Lower Upper

75 100

155 82.1 45.0 134.8

157 105.5 56.9 170.7

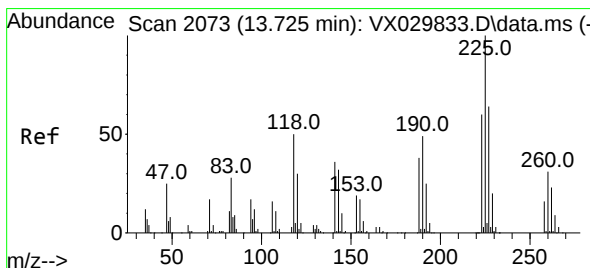
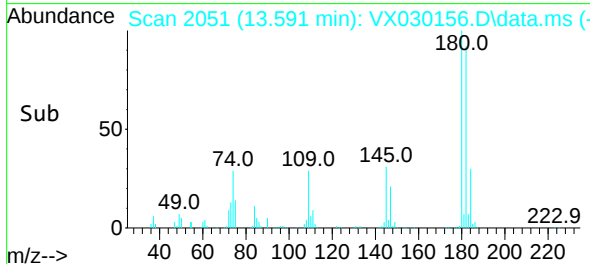
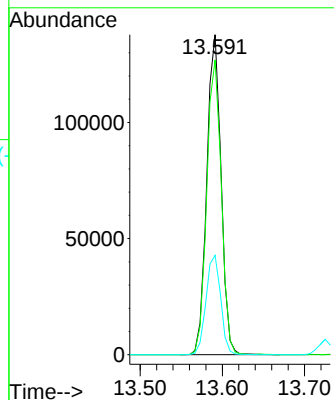
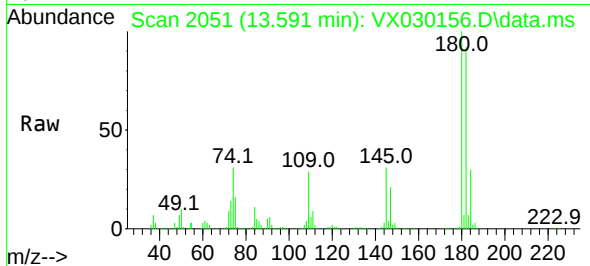




#93
 1,2,4-Trichlorobenzene
 Concen: 49.189 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.000 min
 Lab File: VX030156.D
 Acq: 21 Jul 2022 11:50

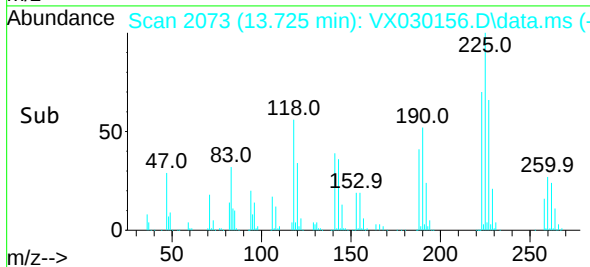
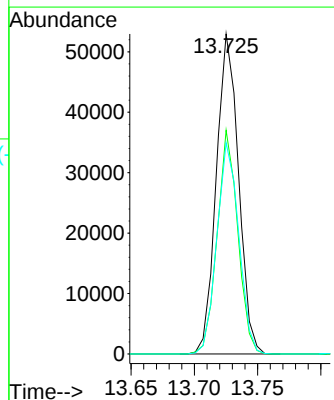
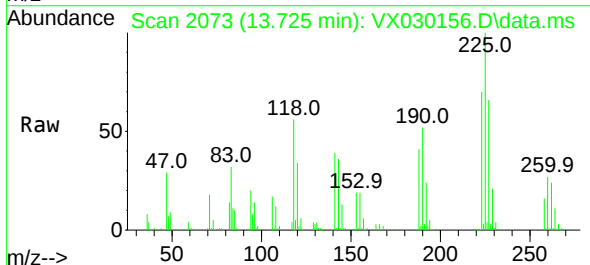
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

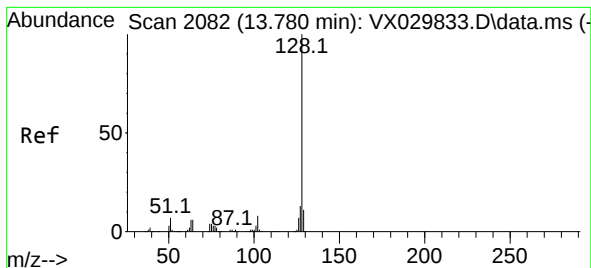
Tgt Ion:180 Resp: 166132
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.2 144.6
 145 31.8 15.9 47.6



#94
 Hexachlorobutadiene
 Concen: 47.831 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX030156.D
 Acq: 21 Jul 2022 11:50

Tgt Ion:225 Resp: 64497
 Ion Ratio Lower Upper
 225 100
 223 64.7 30.6 91.6
 227 65.3 31.9 95.9





#95

Naphthalene

Concen: 48.868 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

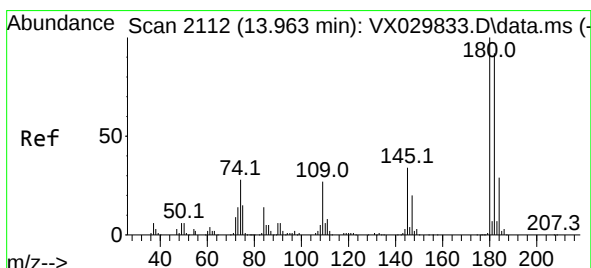
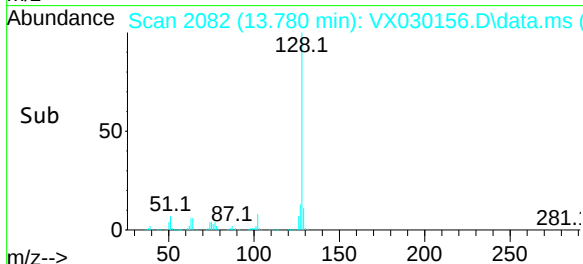
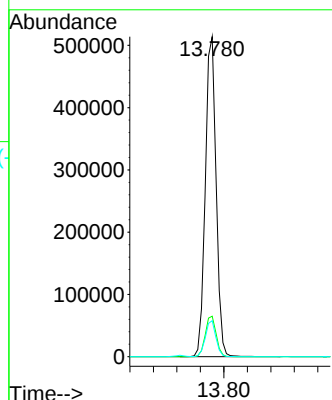
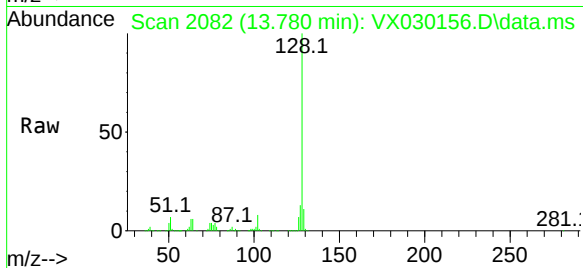
Tgt Ion:128 Resp: 655137

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.911 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX030156.D

Acq: 21 Jul 2022 11:50

Tgt Ion:180 Resp: 168083

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.0

145 34.3 17.0 50.9

