

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040722\
 Data File : VX028011.D
 Acq On : 07 Apr 2022 14:55
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 07 15:27:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 15:23:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	69461	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	116948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56655	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177925	193.645	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	387.300%#
35) Dibromofluoromethane	5.391	113	121787	151.983	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	303.960%#
50) Toluene-d8	8.653	98	437926	150.414	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	300.820%#
62) 4-Bromofluorobenzene	11.085	95	194436	168.452	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	336.900%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	156720	193.341	ug/l	97
3) Chloromethane	1.288	50	120704	175.449	ug/l	100
4) Vinyl Chloride	1.374	62	127471	174.304	ug/l	99
5) Bromomethane	1.599	94	55449	185.187	ug/l	99
6) Chloroethane	1.666	64	75268	170.809	ug/l	99
7) Trichlorofluoromethane	1.880	101	208990	179.731	ug/l	98
8) Diethyl Ether	2.136	74	70234	179.616	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	122436	174.411	ug/l	96
10) Methyl Iodide	2.447	142	170807	201.415	ug/l	93
11) Tert butyl alcohol	2.989	59	153990	938.710	ug/l	99
12) 1,1-Dichloroethene	2.313	96	118751	178.731	ug/l	98
13) Acrolein	2.233	56	143342	945.776	ug/l	98
14) Allyl chloride	2.660	41	188929	181.417	ug/l	96
15) Acrylonitrile	3.069	53	356352	911.724	ug/l	98
16) Acetone	2.380	43	286795	843.920	ug/l	93
17) Carbon Disulfide	2.508	76	317428	179.093	ug/l	100
18) Methyl Acetate	2.703	43	154355	176.254	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	422373	190.184	ug/l	99
20) Methylene Chloride	2.788	84	129200	175.030	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	120132	163.624	ug/l	88
22) Diisopropyl ether	3.764	45	409892	198.236	ug/l	88
23) Vinyl Acetate	3.727	43	1884869	1047.519	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	234961	189.292	ug/l	96
25) 2-Butanone	4.562	43	545894	990.308	ug/l	90
26) 2,2-Dichloropropane	4.477	77	200871	207.312	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	139167	164.908	ug/l	89
28) Bromochloromethane	4.898	49	98891	199.586	ug/l	84
29) Tetrahydrofuran	5.007	42	343572	969.698	ug/l	86
30) Chloroform	5.099	83	256988	188.269	ug/l	97
31) Cyclohexane	5.471	56	210948	181.867	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	233915	190.966	ug/l	96
36) 1,1-Dichloropropene	5.696	75	183387	172.831	ug/l	97
37) Ethyl Acetate	4.715	43	215627	196.020	ug/l	95
38) Carbon Tetrachloride	5.684	117	203999	173.547	ug/l	98
39) Methylcyclohexane	7.379	83	208821	159.287	ug/l	89
40) Benzene	6.044	78	497993	164.895	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	118051	202.846	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	226857	200.287	ug/l	91
43) Isopropyl Acetate	6.342	43	347905	203.421	ug/l #	91
44) Trichloroethene	7.129	130	131845	147.762	ug/l	86
45) 1,2-Dichloropropane	7.434	63	130290	177.056	ug/l	100
46) Dibromomethane	7.580	93	100965	169.605	ug/l #	88
47) Bromodichloromethane	7.824	83	199970	181.946	ug/l	99
48) Methyl methacrylate	7.696	41	174296	210.847	ug/l #	79
49) 1,4-Dioxane	7.665	88	59232	2805.150	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	1071012	957.057	ug/l	89
52) Toluene	8.720	92	318034	159.358	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	217452	195.393	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	220858	181.621	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	131420	160.447	ug/l	96
56) Ethyl methacrylate	9.122	69	225170	185.459	ug/l #	73
57) 1,3-Dichloropropane	9.311	76	227996	173.618	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	528160	888.251	ug/l	96
59) 2-Hexanone	9.439	43	831747	959.979	ug/l	86
60) Dibromochloromethane	9.525	129	156055	177.077	ug/l	97
61) 1,2-Dibromoethane	9.610	107	152691	175.578	ug/l	99
64) Tetrachloroethene	9.275	164	123205	131.991	ug/l	95
65) Chlorobenzene	10.080	112	373454	149.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	143253	155.394	ug/l	98
67) Ethyl Benzene	10.195	91	674592	155.155	ug/l	100
68) m/p-Xylenes	10.305	106	516442	305.091	ug/l	96
69) o-Xylene	10.646	106	252859	154.263	ug/l	93
70) Styrene	10.659	104	437295	159.846	ug/l	95
71) Bromoform	10.805	173	116040	157.455	ug/l	100
73) Isopropylbenzene	10.964	105	666837	166.876	ug/l	99
74) N-amyl acetate	10.848	43	307459	213.844	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	220623	167.503	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	259187	218.807	ug/l	87
77) Bromobenzene	11.201	156	160268	155.470	ug/l	92
78) n-propylbenzene	11.305	91	802736	175.677	ug/l	99
79) 2-Chlorotoluene	11.366	91	483849	167.718	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	584923	170.242	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	72545	194.847	ug/l	89
82) 4-Chlorotoluene	11.457	91	570578	173.575	ug/l	98
83) tert-Butylbenzene	11.719	119	535491	156.017	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	571418	164.479	ug/l	96
85) sec-Butylbenzene	11.896	105	682347	162.146	ug/l	98
86) p-Isopropyltoluene	12.012	119	578304	162.353	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	292403	151.301	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	297434	152.714	ug/l	97
89) n-Butylbenzene	12.335	91	528588	174.111	ug/l	96
90) Hexachloroethane	12.543	117	96619	171.264	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	284933	151.430	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59762	191.432	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	178335	148.303	ug/l	99
94) Hexachlorobutadiene	13.725	225	75941	131.858	ug/l	93
95) Naphthalene	13.780	128	617866	156.447	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	177961	151.117	ug/l	96

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VSTDICC150

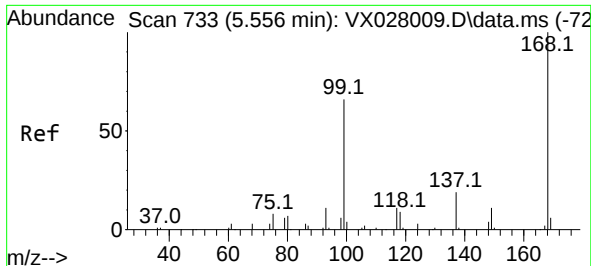
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

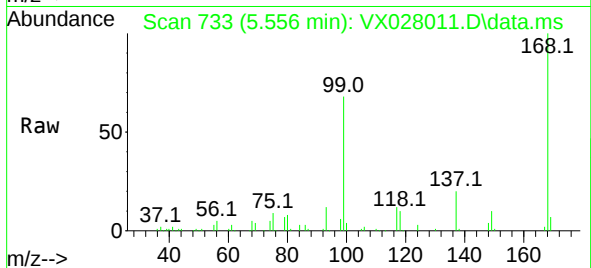
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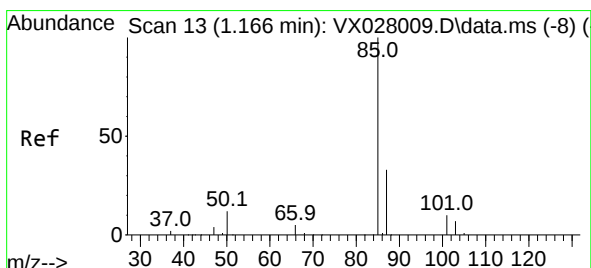
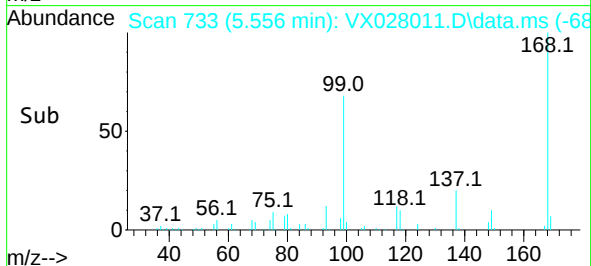
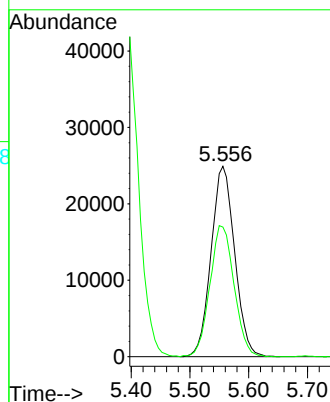


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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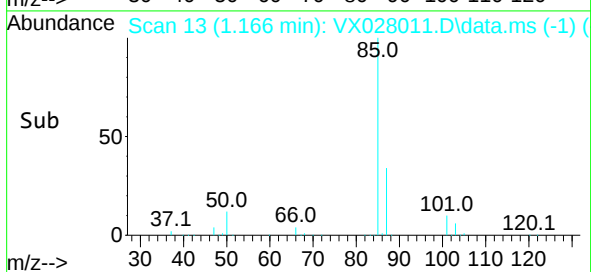
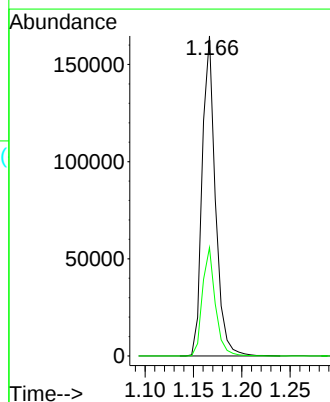
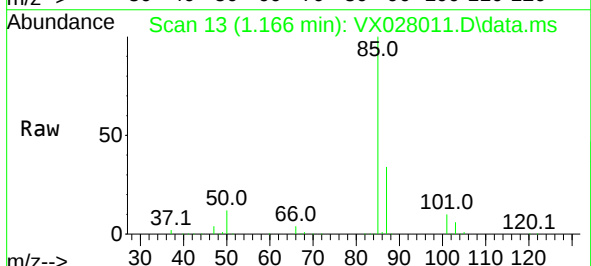


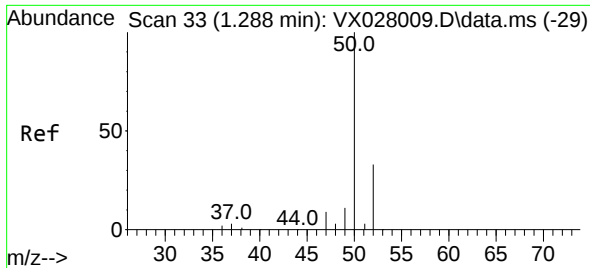
Tgt Ion:168 Resp: 69461
Ion Ratio Lower Upper
168 100
99 68.1 41.7 62.5#



#2
Dichlorodifluoromethane
Concen: 193.341 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 85 Resp: 156720
Ion Ratio Lower Upper
85 100
87 33.9 16.2 48.6

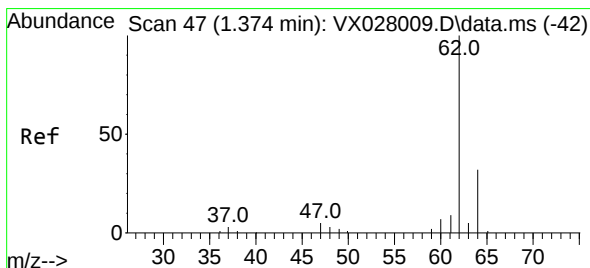
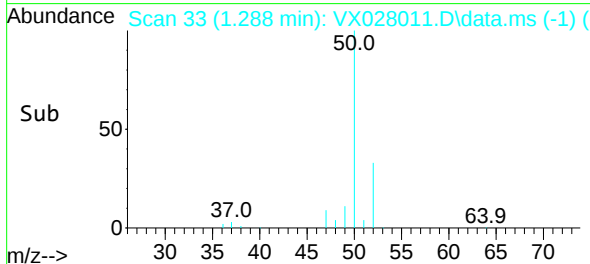
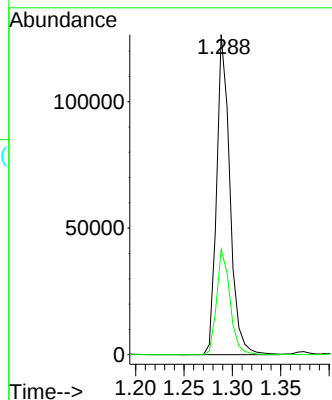
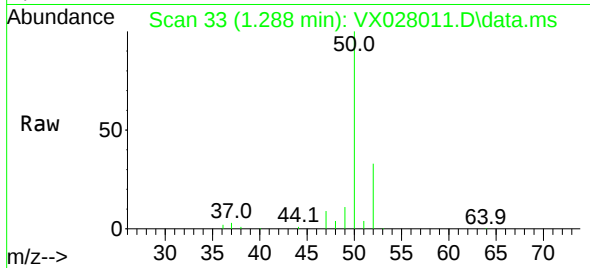




#3
Chloromethane
Concen: 175.449 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028011.D
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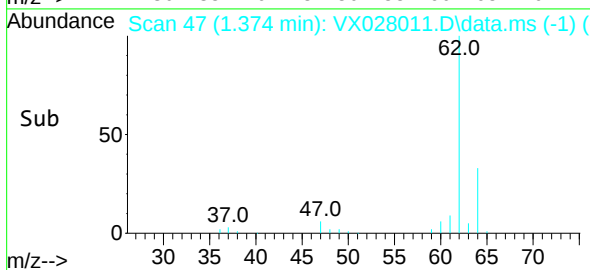
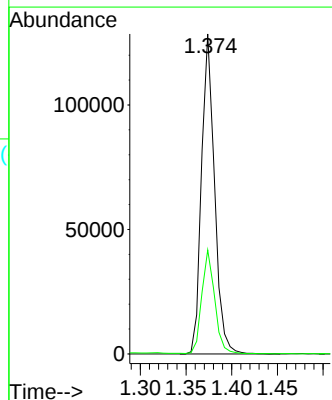
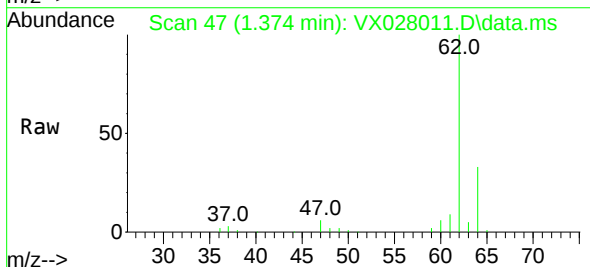
Instrument :
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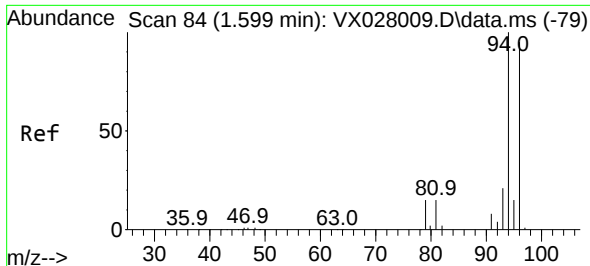
Tgt Ion: 50 Resp: 120704
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6



#4
Vinyl Chloride
Concen: 174.304 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 62 Resp: 127471
Ion Ratio Lower Upper
62 100
64 32.4 25.5 38.3

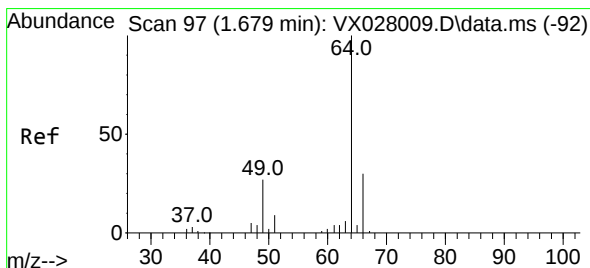
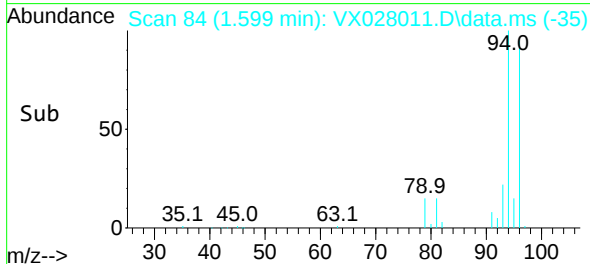
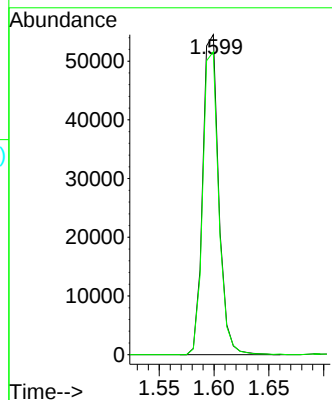
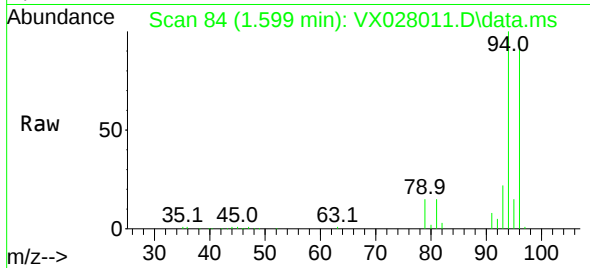




#5
Bromomethane
Concen: 185.187 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028011.D
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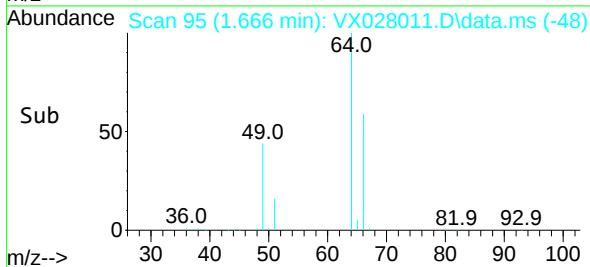
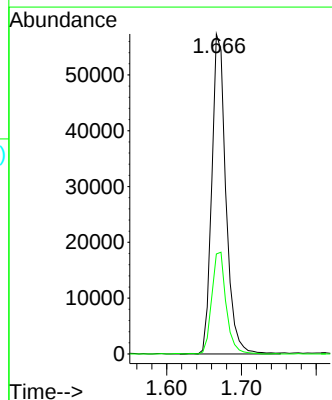
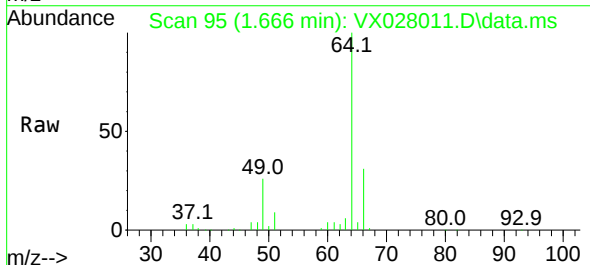
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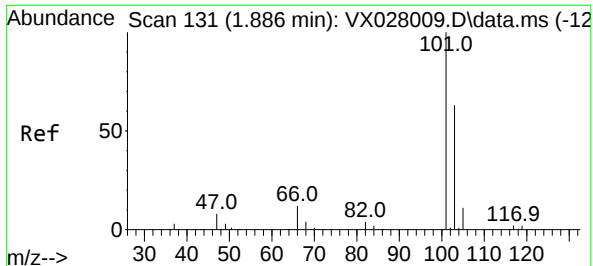
Tgt Ion: 94 Resp: 55449
Ion Ratio Lower Upper
94 100
96 94.6 75.3 112.9



#6
Chloroethane
Concen: 170.809 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 64 Resp: 75268
Ion Ratio Lower Upper
64 100
66 31.2 25.3 37.9

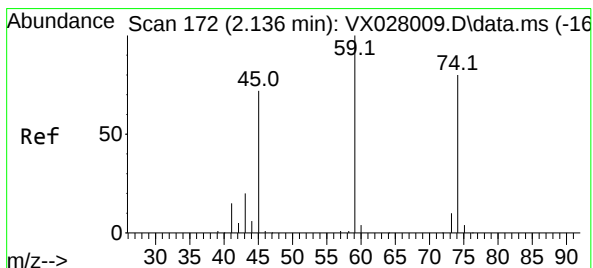
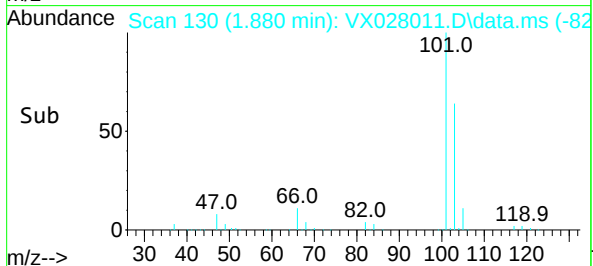
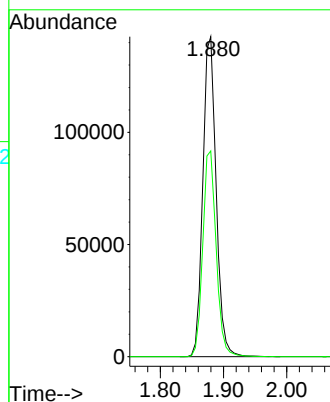
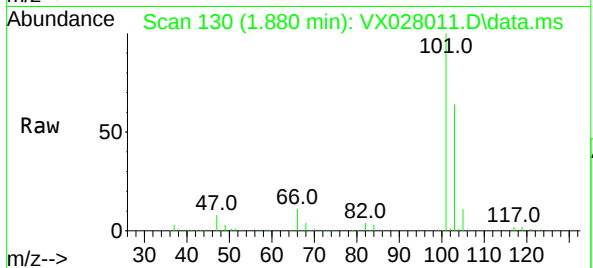




#7
Trichlorofluoromethane
Concen: 179.731 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028011.D
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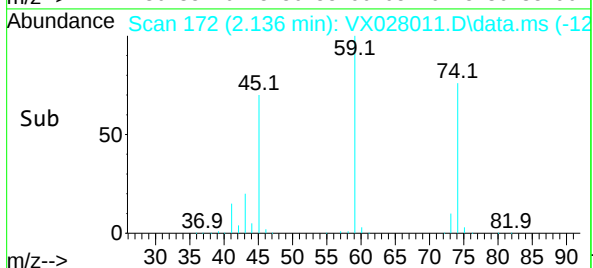
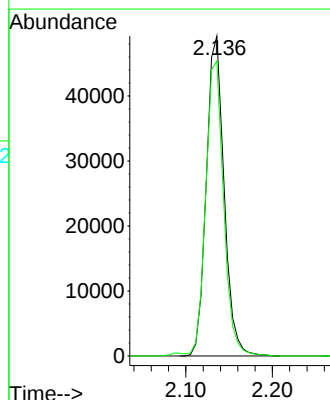
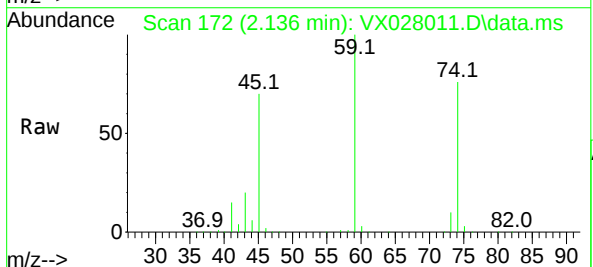
Instrument :
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ClientSampleId :
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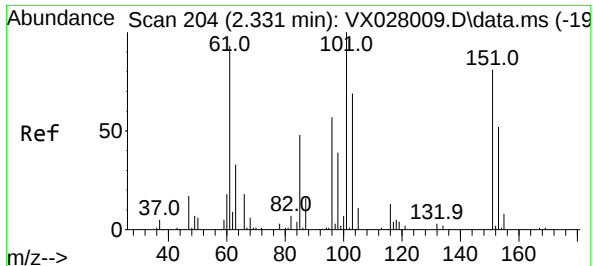
Tgt Ion:101 Resp: 208990
Ion Ratio Lower Upper
101 100
103 64.3 50.5 75.7



#8
Diethyl Ether
Concen: 179.616 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 74 Resp: 70234
Ion Ratio Lower Upper
74 100
45 93.7 42.0 126.0

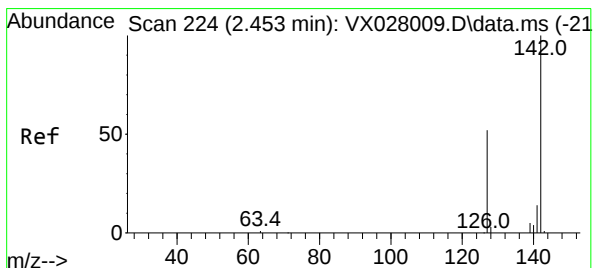
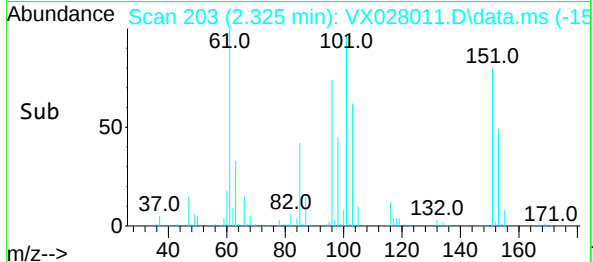
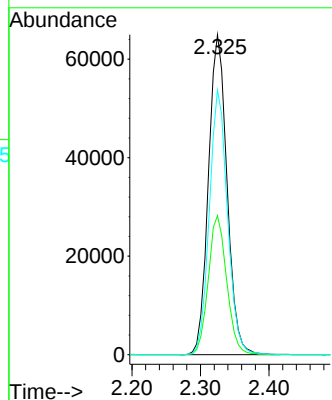
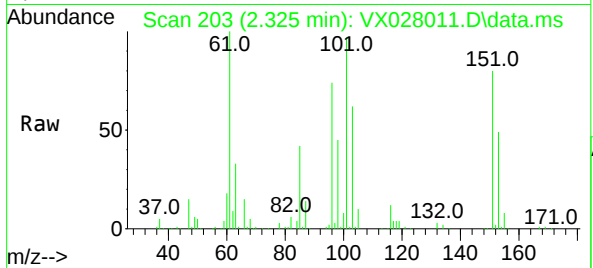




#9
1,1,2-Trichlorotrifluoroethane
Concen: 174.411 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX028011.D
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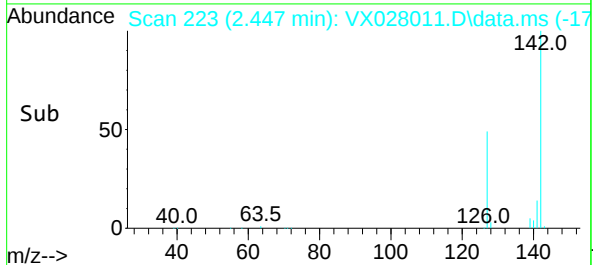
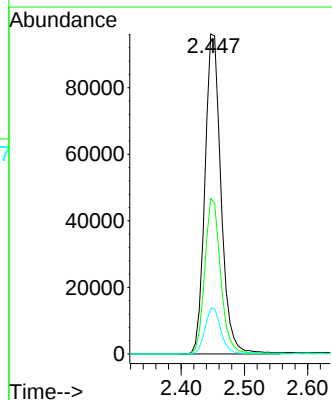
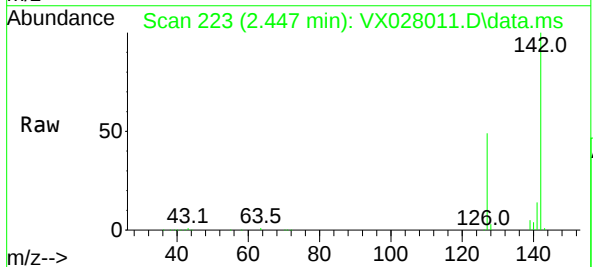
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

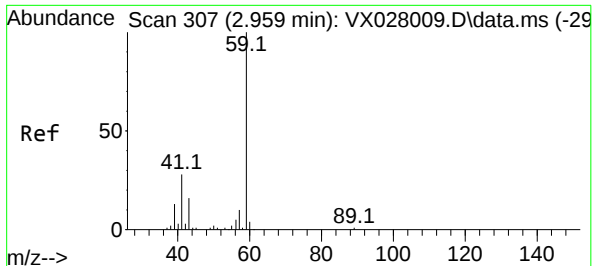
Tgt Ion:101 Resp: 122436
Ion Ratio Lower Upper
101 100
85 43.1 33.5 50.3
151 81.0 61.8 92.6



#10
Methyl Iodide
Concen: 201.415 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion:142 Resp: 170807
Ion Ratio Lower Upper
142 100
127 48.1 33.9 50.9
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 938.710 ug/l

RT: 2.989 min Scan# 31

Delta R.T. 0.031 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

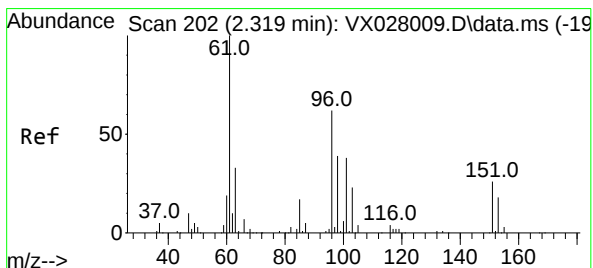
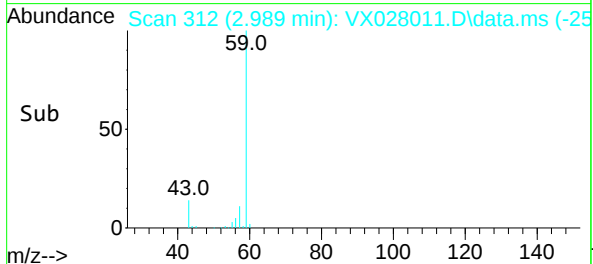
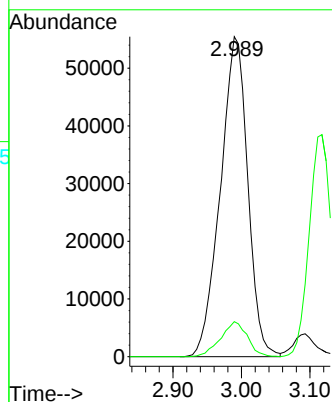
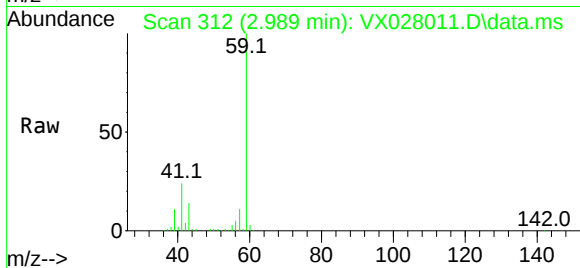
VSTDIC150

Tgt Ion: 59 Resp: 153990

Ion Ratio Lower Upper

59 100

57 10.7 8.3 12.5



#12

1,1-Dichloroethene

Concen: 178.731 ug/l

RT: 2.313 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

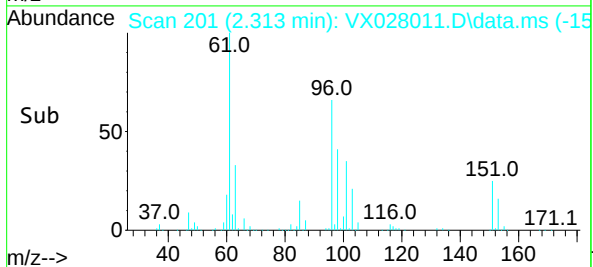
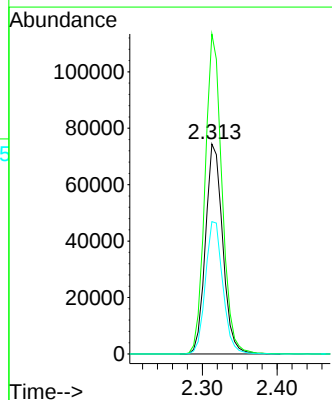
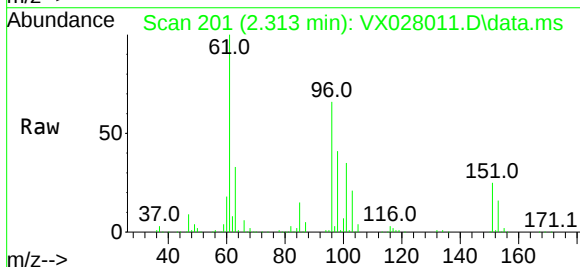
Tgt Ion: 96 Resp: 118751

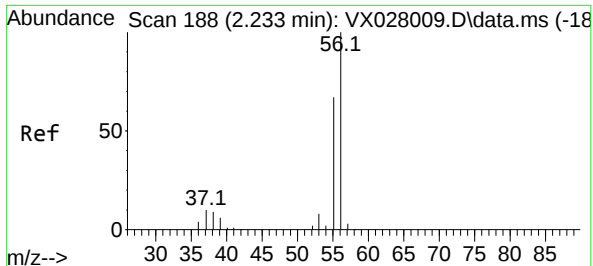
Ion Ratio Lower Upper

96 100

61 152.4 124.6 187.0

98 63.0 51.0 76.4

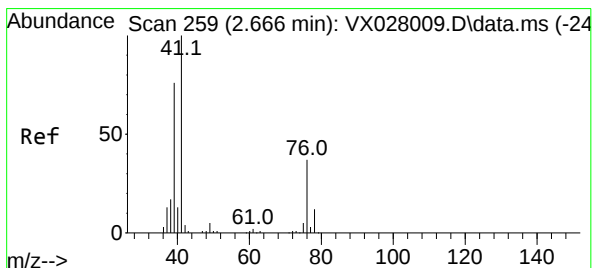
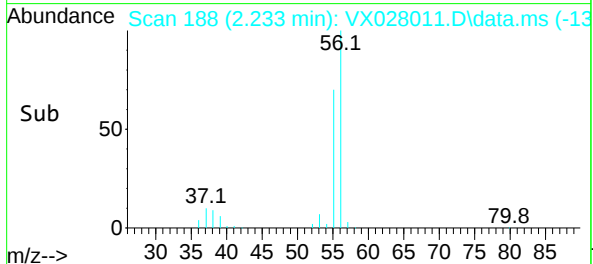
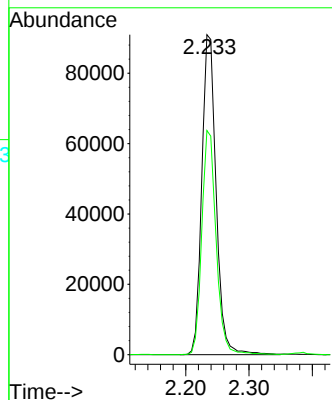
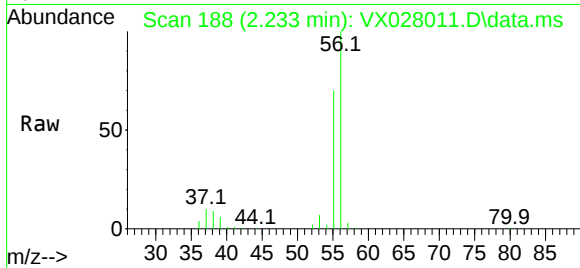




#13
Acrolein
Concen: 945.776 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

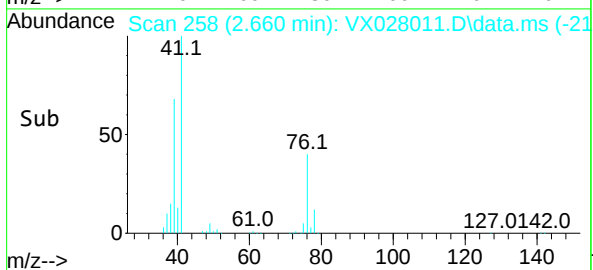
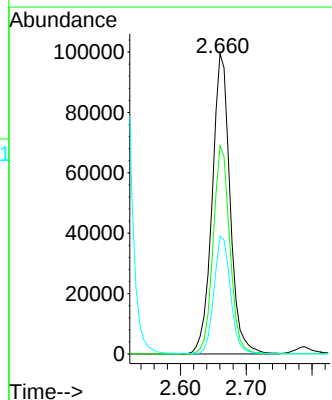
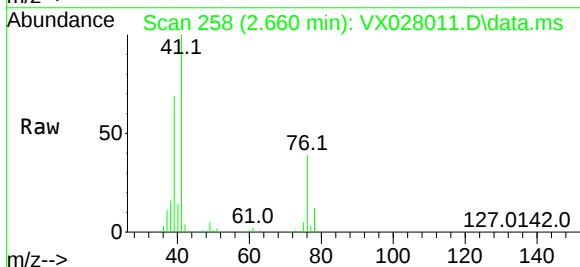
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

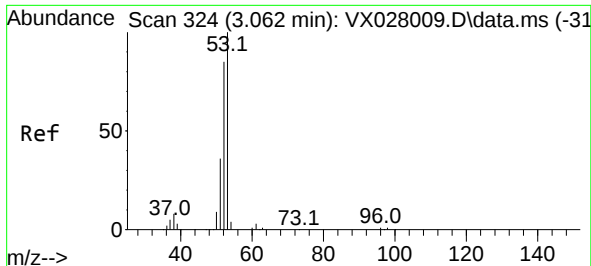
Tgt Ion: 56 Resp: 143342
Ion Ratio Lower Upper
56 100
55 70.3 55.0 82.6



#14
Allyl chloride
Concen: 181.417 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 41 Resp: 188929
Ion Ratio Lower Upper
41 100
39 64.5 50.4 75.6
76 36.1 32.7 49.1

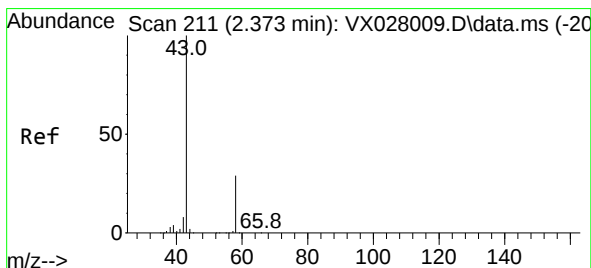
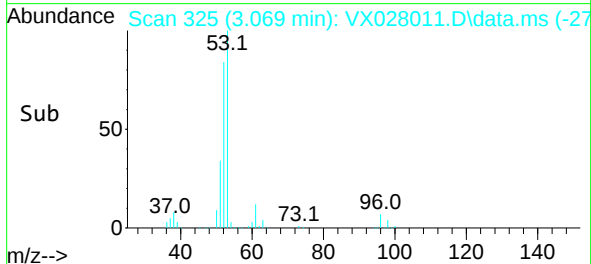
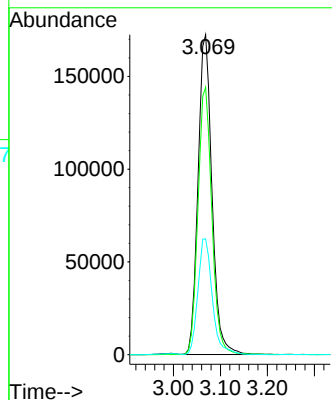
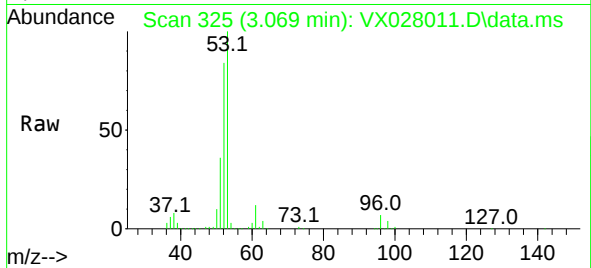




#15
Acrylonitrile
Concen: 911.724 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

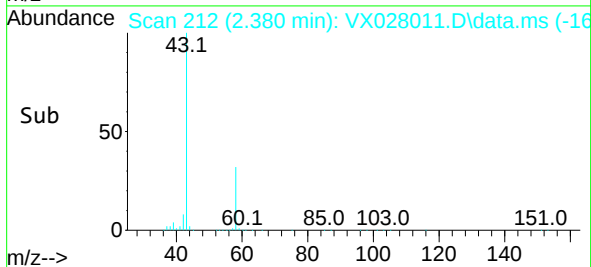
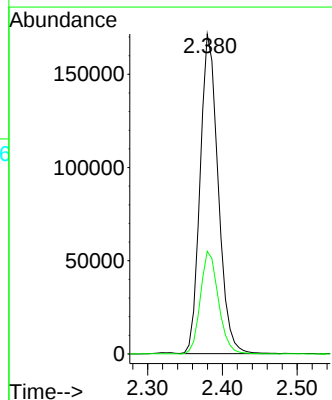
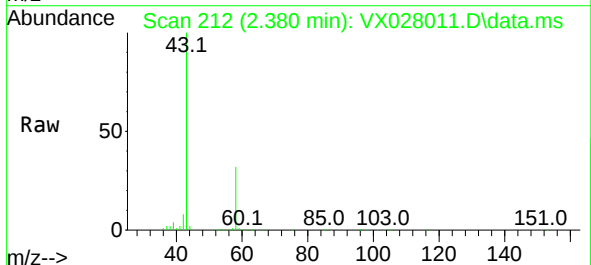
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

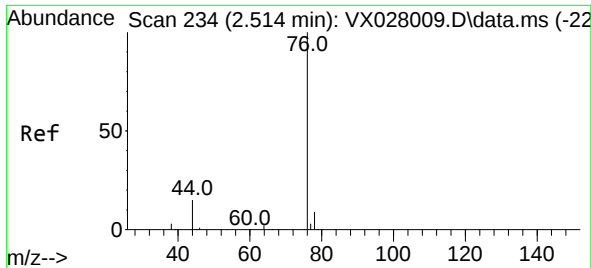
Tgt Ion: 53 Resp: 356352
Ion Ratio Lower Upper
53 100
52 83.1 65.7 98.5
51 37.7 28.4 42.6



#16
Acetone
Concen: 843.920 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 43 Resp: 286795
Ion Ratio Lower Upper
43 100
58 32.1 28.8 43.2

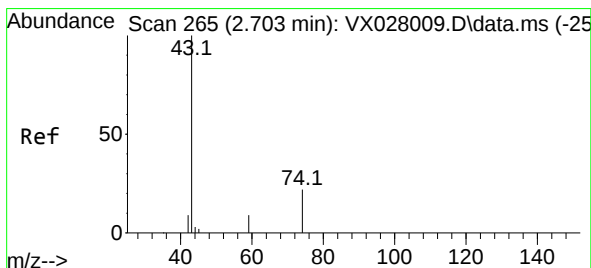
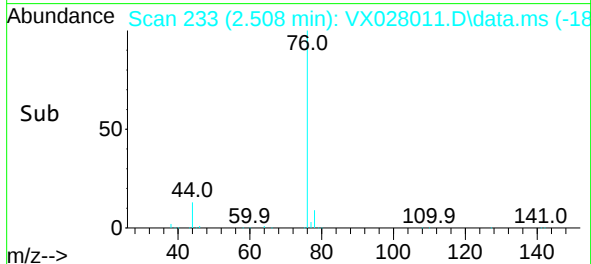
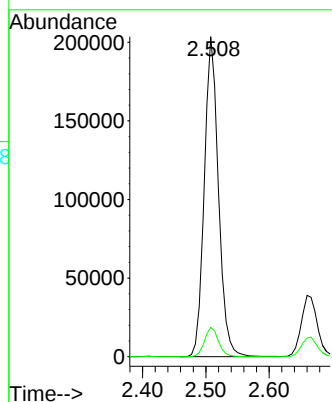
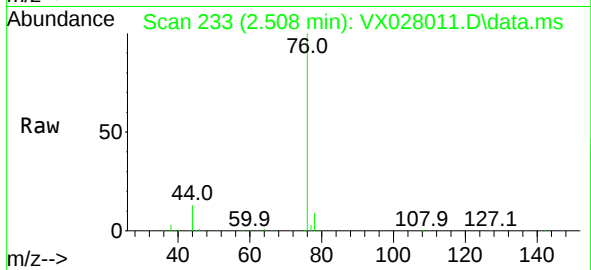




#17
Carbon Disulfide
Concen: 179.093 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

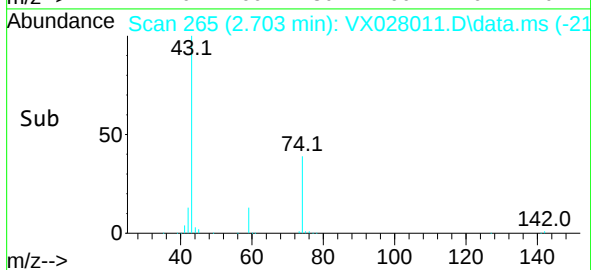
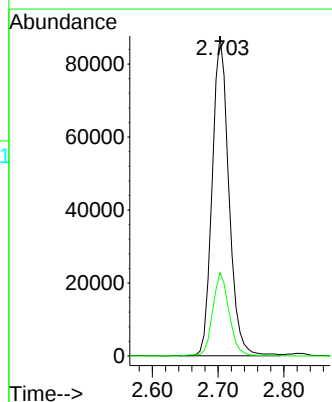
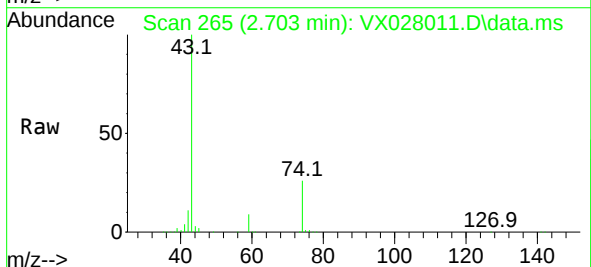
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

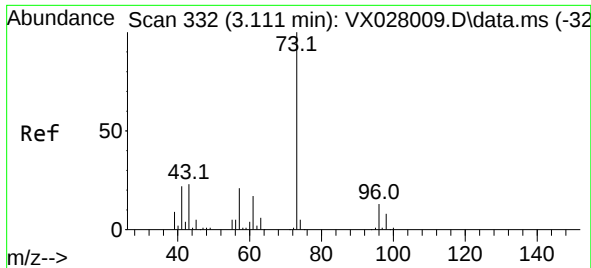
Tgt Ion: 76 Resp: 317428
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 176.254 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 43 Resp: 154355
Ion Ratio Lower Upper
43 100
74 25.7 22.8 34.2

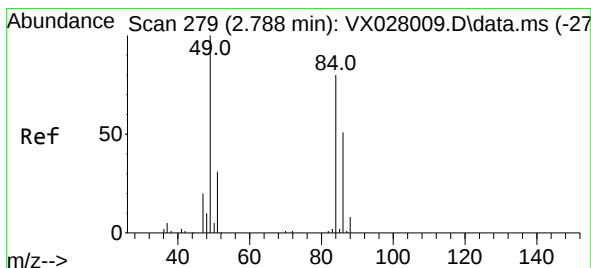
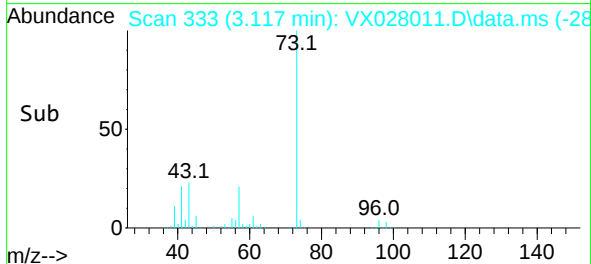
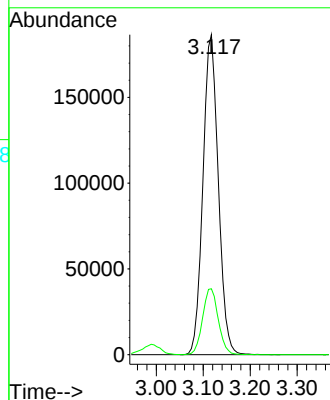
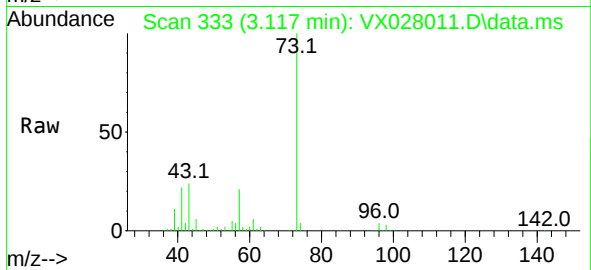




#19
Methyl tert-butyl Ether
Concen: 190.184 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

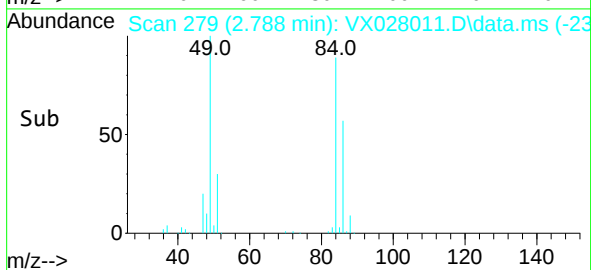
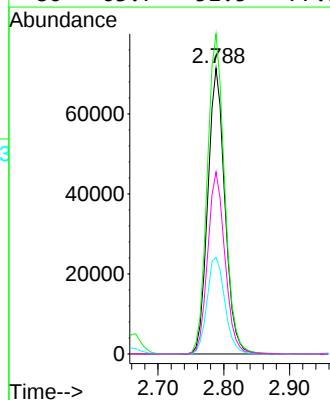
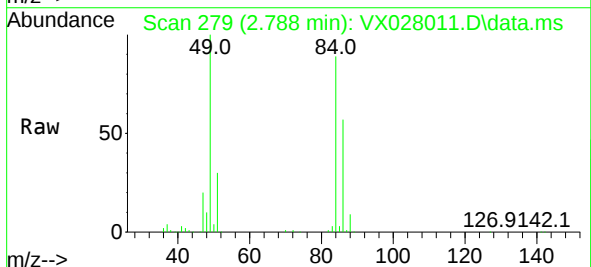
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

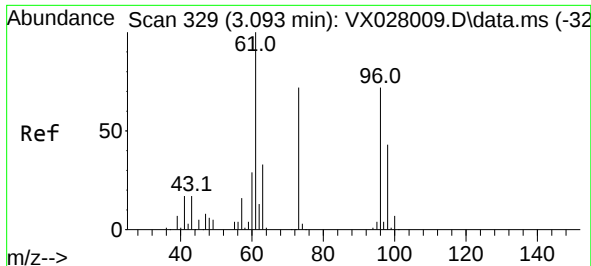
Tgt Ion: 73 Resp: 422373
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2



#20
Methylene Chloride
Concen: 175.030 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 84 Resp: 129200
Ion Ratio Lower Upper
84 100
49 112.0 85.5 128.3
51 33.8 26.6 39.8
86 63.7 51.5 77.3

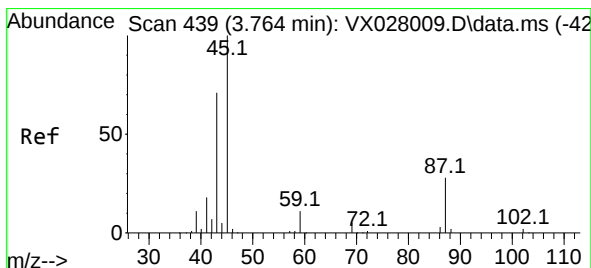
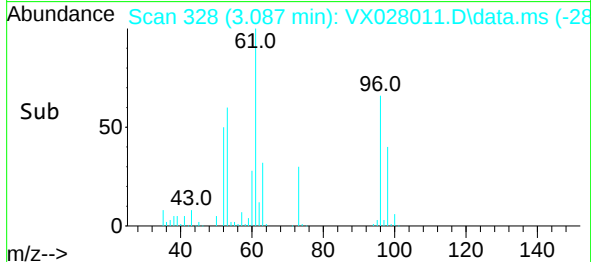
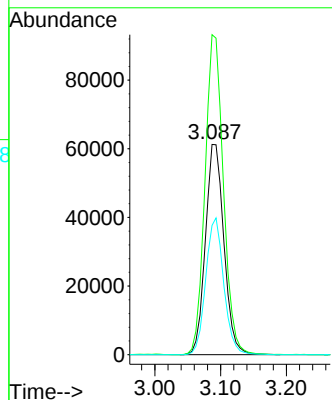
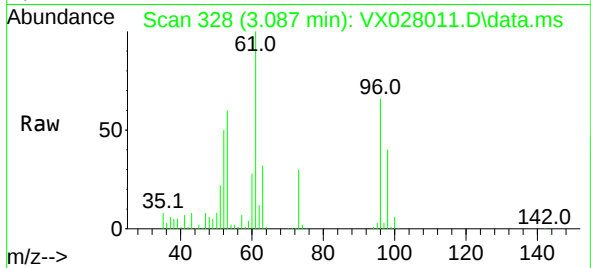




#21
trans-1,2-Dichloroethene
Concen: 163.624 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

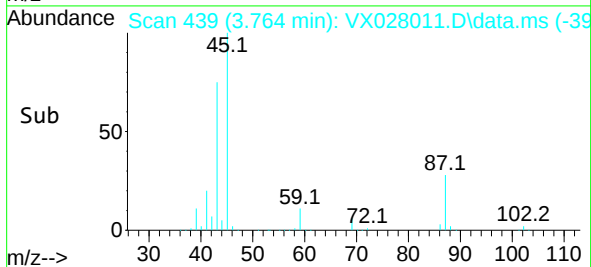
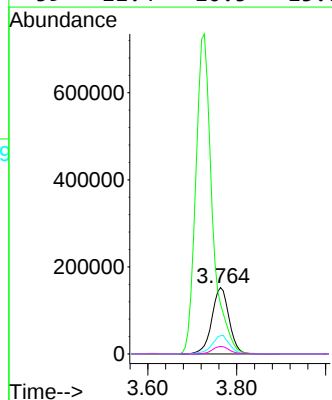
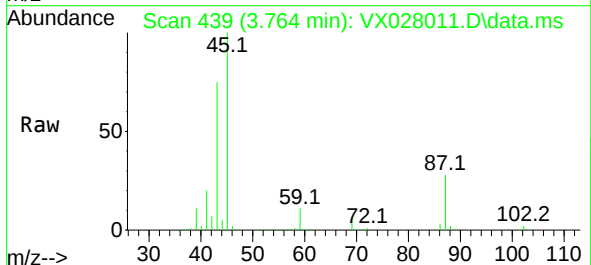
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

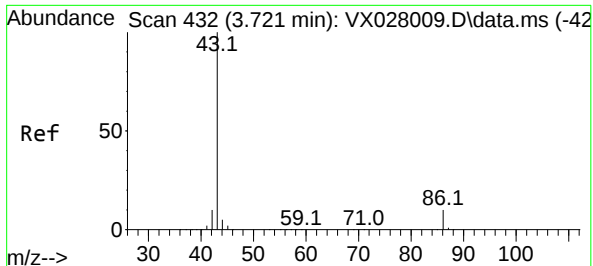
Tgt Ion: 96 Resp: 120132
Ion Ratio Lower Upper
96 100
61 152.2 105.4 158.2
98 61.5 50.0 75.0



#22
Diisopropyl ether
Concen: 198.236 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 45 Resp: 409892
Ion Ratio Lower Upper
45 100
43 74.9 50.8 76.2
87 27.6 26.6 39.8
59 11.4 10.5 15.7

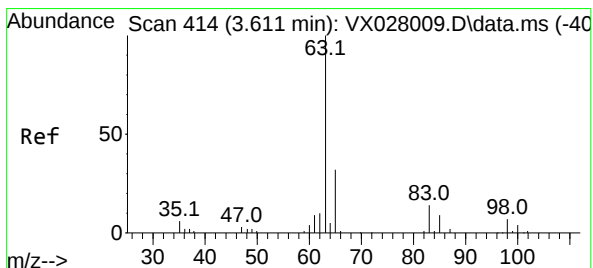
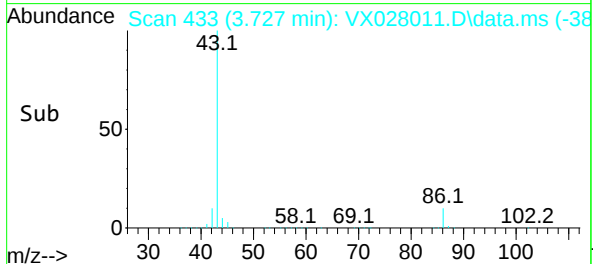
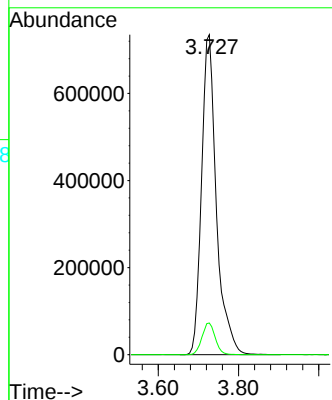
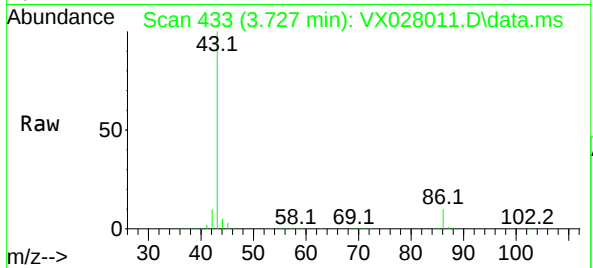




#23
 Vinyl Acetate
 Concen: 1047.519 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX028011.D
 Acq: 07 Apr 2022 14:55

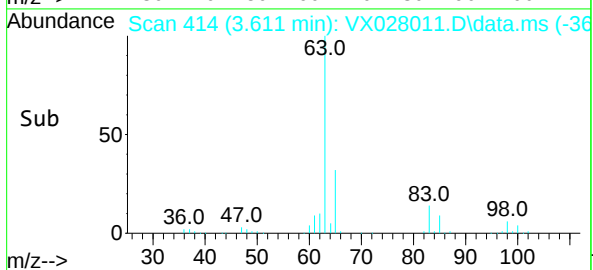
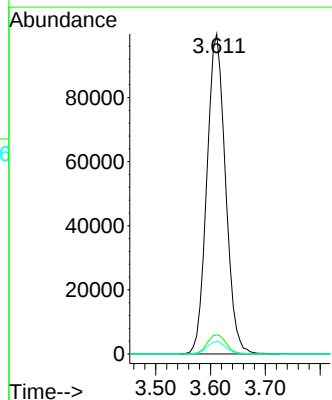
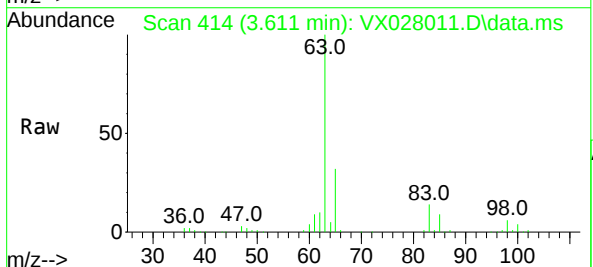
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

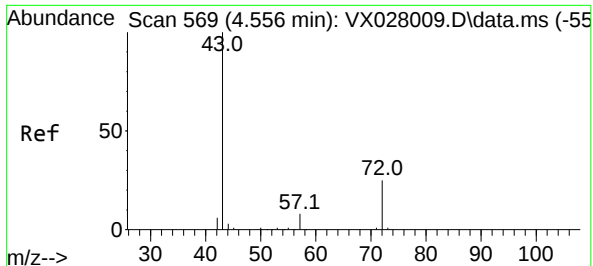
Tgt Ion: 43 Resp: 1884869
 Ion Ratio Lower Upper
 43 100
 86 9.9 10.8 16.2#



#24
 1,1-Dichloroethane
 Concen: 189.292 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX028011.D
 Acq: 07 Apr 2022 14:55

Tgt Ion: 63 Resp: 234961
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.9 11.7
 100 3.9 2.4 7.2





#25

2-Butanone

Concen: 990.308 ug/l

RT: 4.562 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

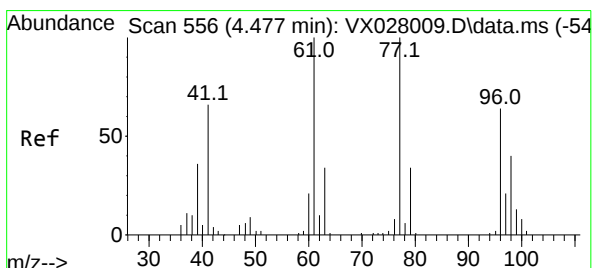
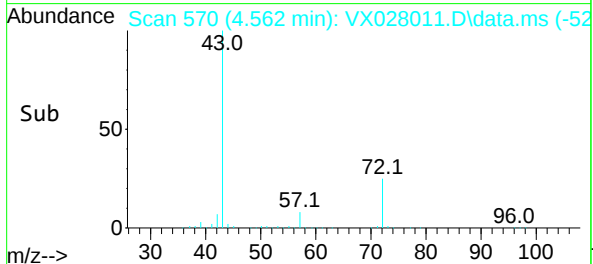
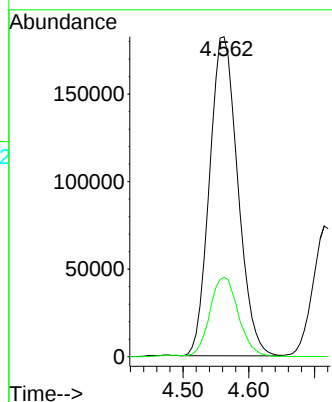
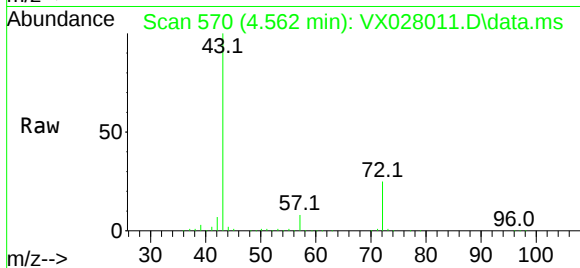
VSTDIC150

Tgt Ion: 43 Resp: 545894

Ion Ratio Lower Upper

43 100

72 24.8 24.4 36.6



#26

2,2-Dichloropropane

Concen: 207.312 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX028011.D

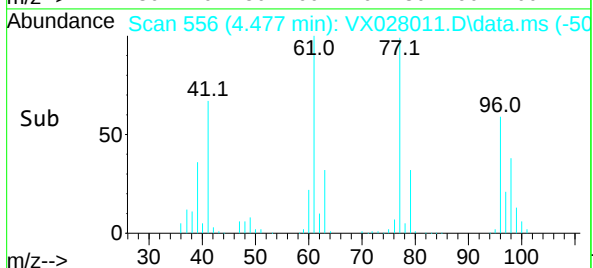
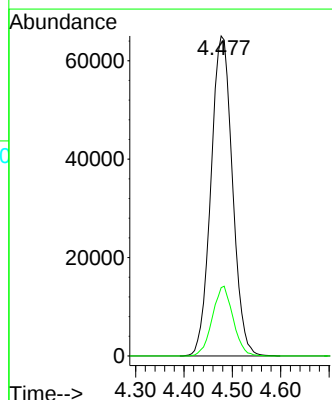
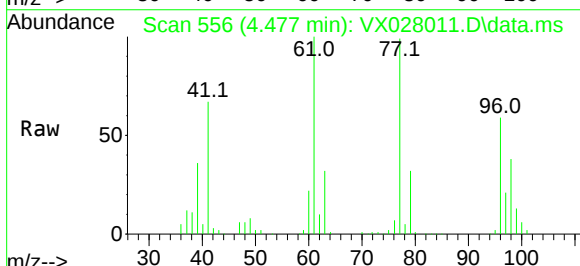
Acq: 07 Apr 2022 14:55

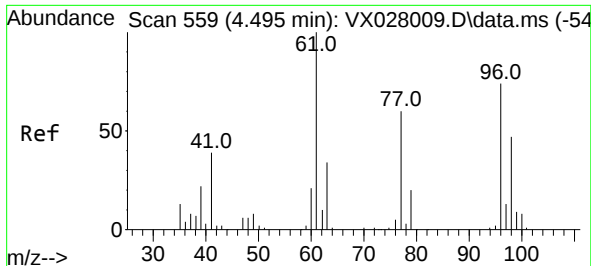
Tgt Ion: 77 Resp: 200871

Ion Ratio Lower Upper

77 100

97 21.0 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 164.908 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

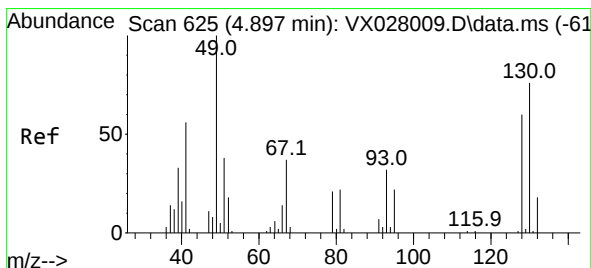
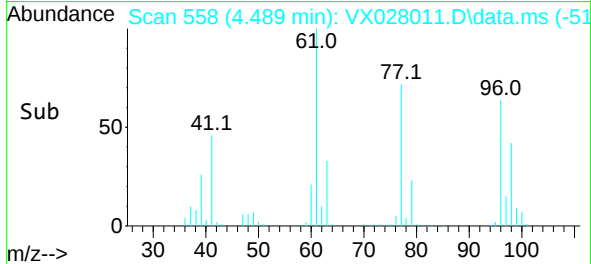
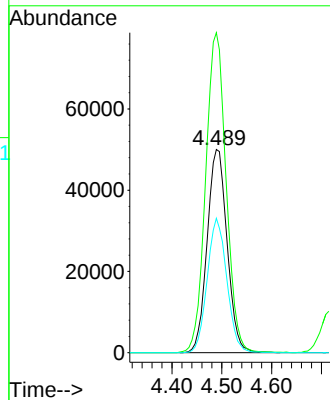
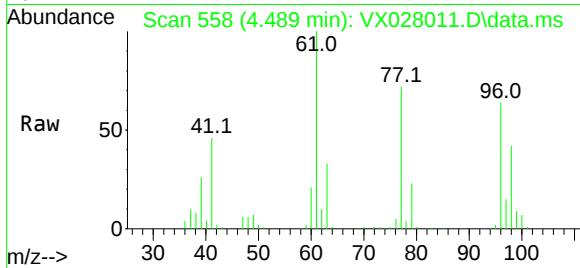
Tgt Ion: 96 Resp: 139167

Ion Ratio Lower Upper

96 100

61 161.2 0.0 283.8

98 65.0 0.0 129.8



#28

Bromochloromethane

Concen: 199.586 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

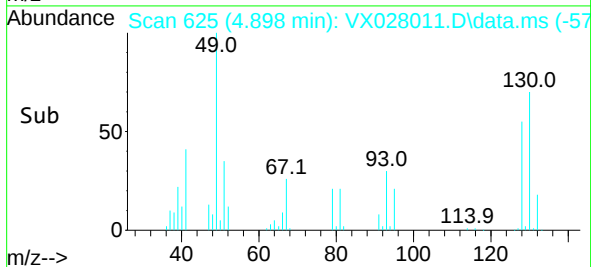
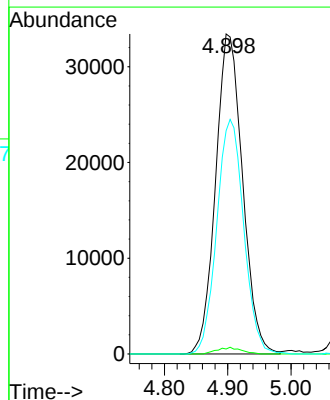
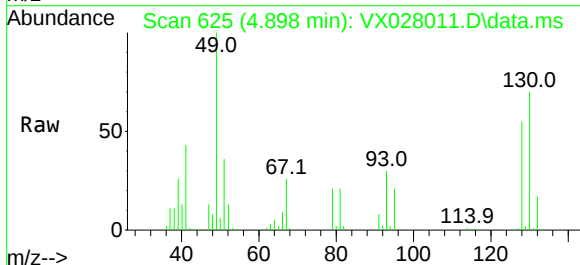
Tgt Ion: 49 Resp: 98891

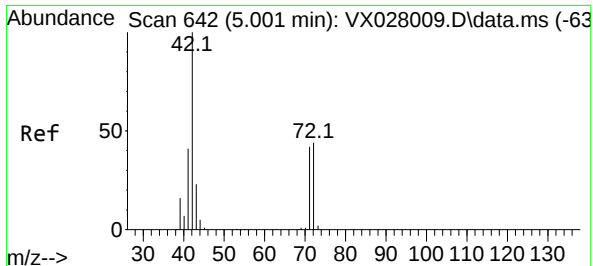
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

130 73.2 70.7 106.1





#29

Tetrahydrofuran

Concen: 969.698 ug/l

RT: 5.007 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

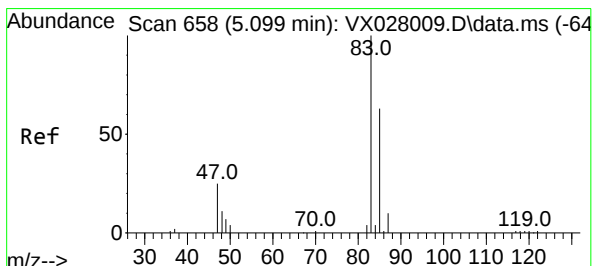
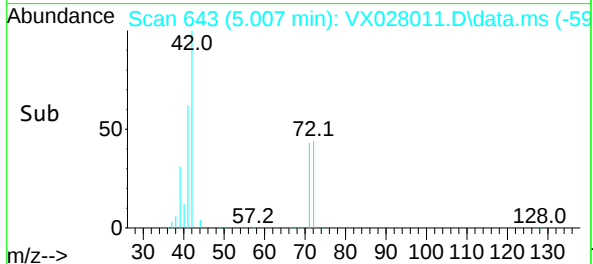
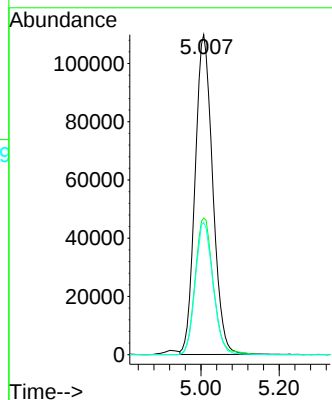
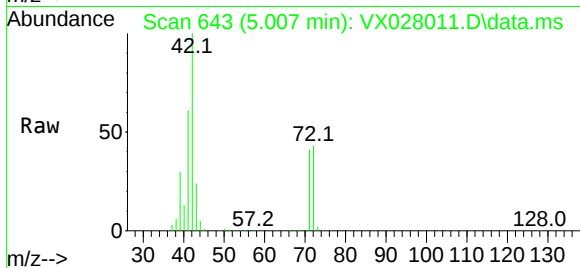
Tgt Ion: 42 Resp: 343572

Ion Ratio Lower Upper

42 100

72 44.1 44.1 66.1

71 41.5 40.5 60.7



#30

Chloroform

Concen: 188.269 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.000 min

Lab File: VX028011.D

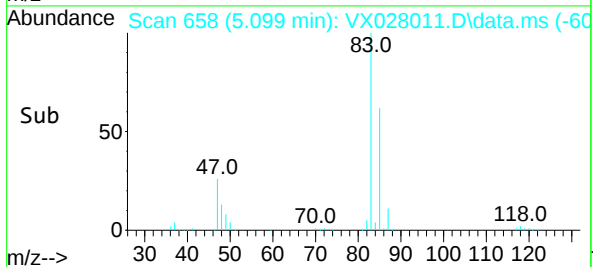
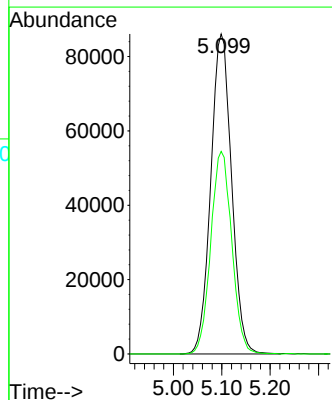
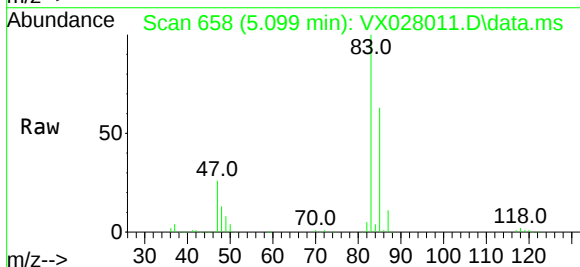
Acq: 07 Apr 2022 14:55

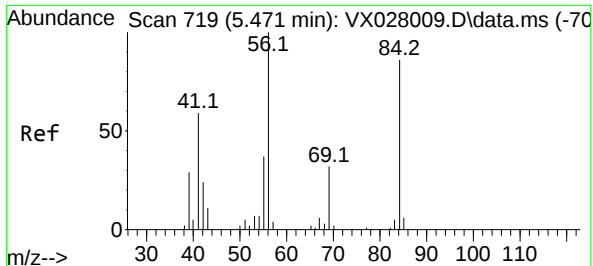
Tgt Ion: 83 Resp: 256988

Ion Ratio Lower Upper

83 100

85 63.3 52.7 79.1

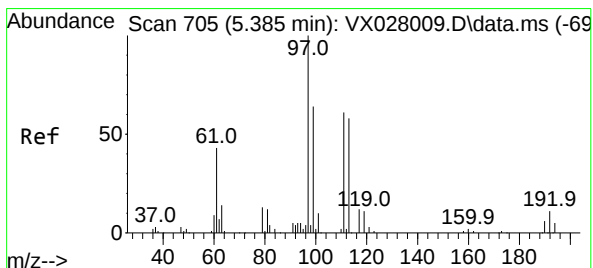
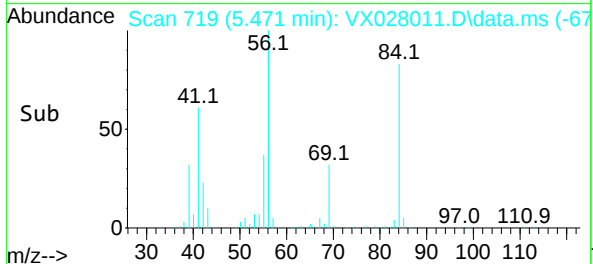
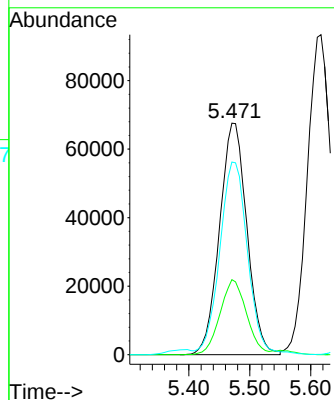
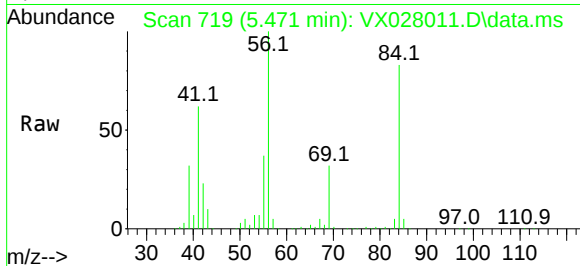




#31
Cyclohexane
Concen: 181.867 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

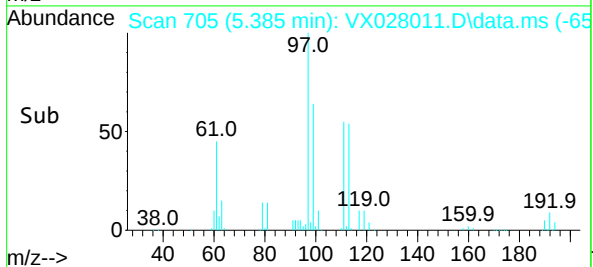
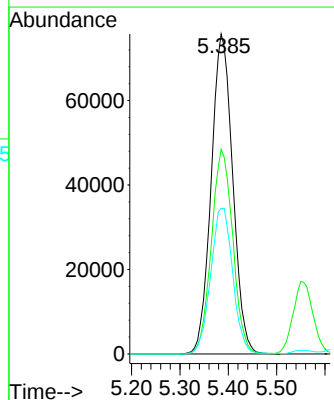
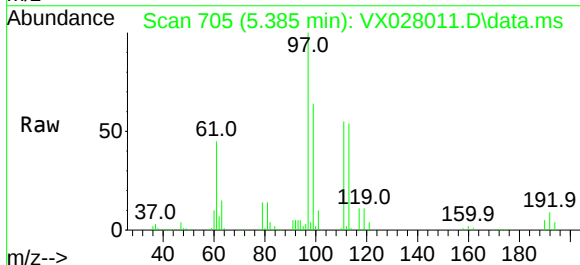
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

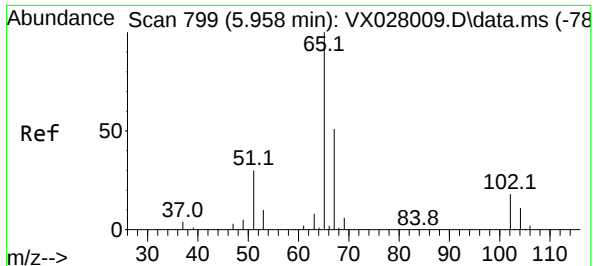
Tgt Ion: 56 Resp: 210948
Ion Ratio Lower Upper
56 100
69 32.4 26.7 40.1
84 82.0 77.2 115.8



#32
1,1,1-Trichloroethane
Concen: 190.966 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 97 Resp: 233915
Ion Ratio Lower Upper
97 100
99 63.6 51.8 77.6
61 46.9 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 193.645 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

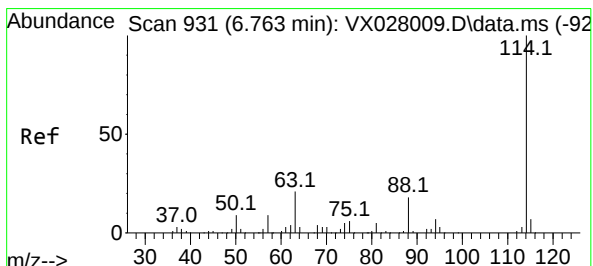
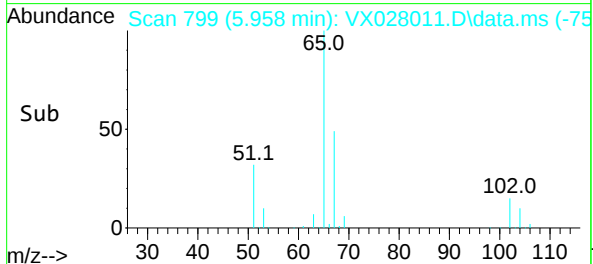
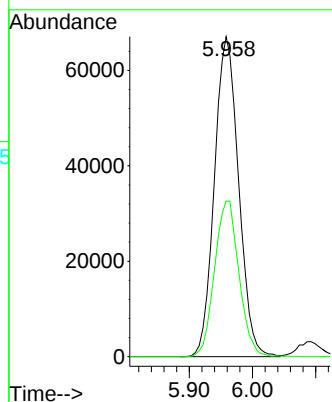
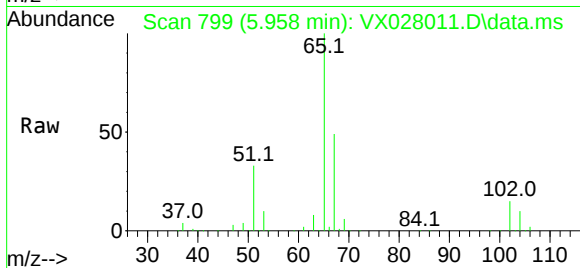
VSTDIC150

Tgt Ion: 65 Resp: 177925

Ion Ratio Lower Upper

65 100

67 49.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

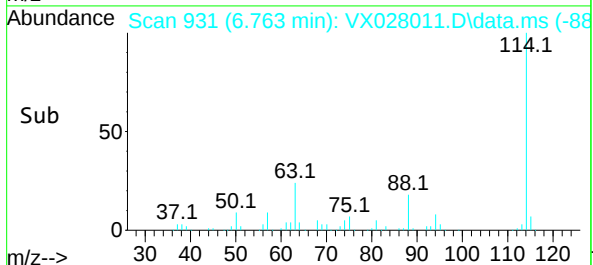
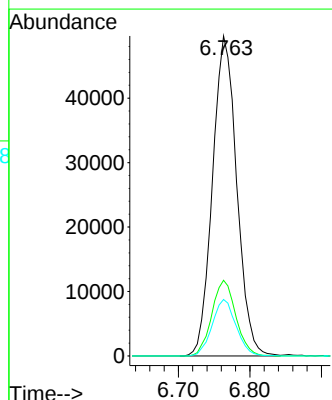
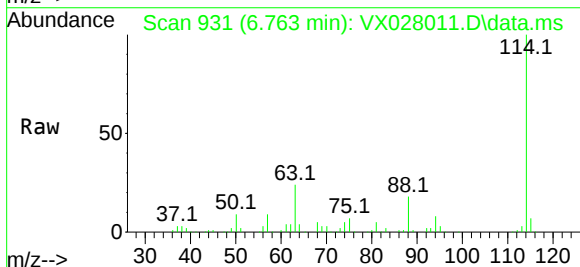
Tgt Ion: 114 Resp: 116948

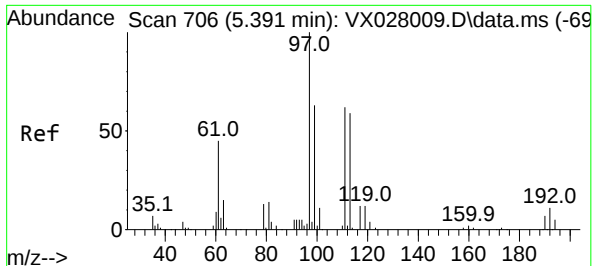
Ion Ratio Lower Upper

114 100

63 23.6 0.0 36.8

88 17.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 151.983 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

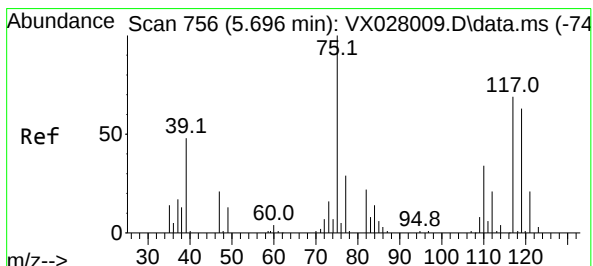
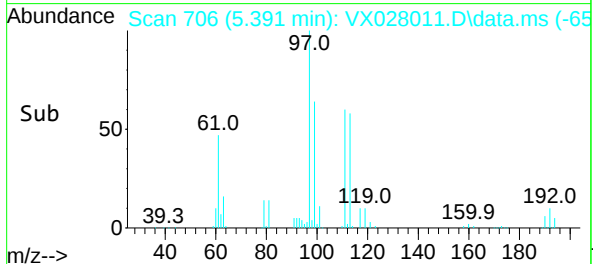
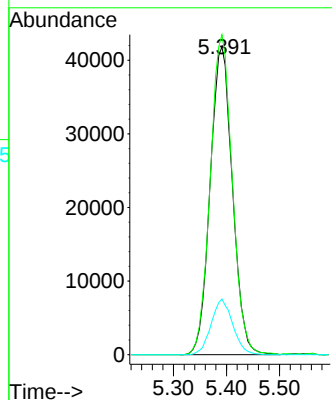
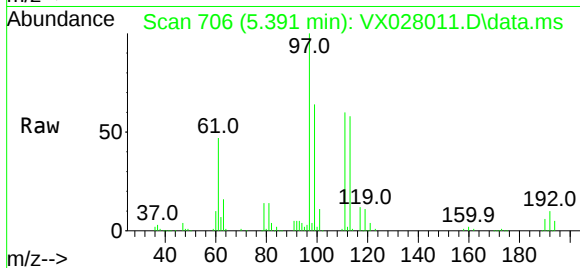
Tgt Ion:113 Resp: 121787

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 17.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 172.831 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

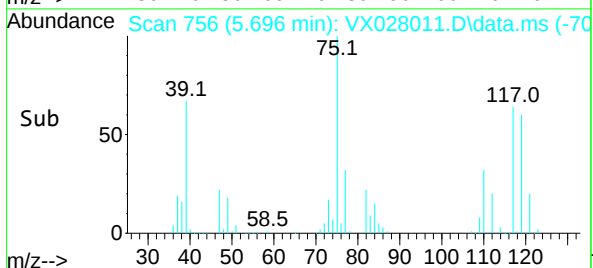
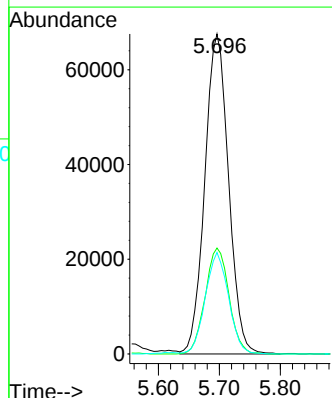
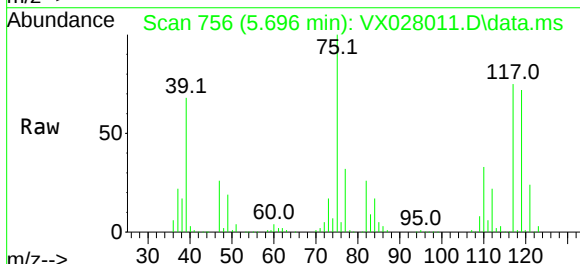
Tgt Ion: 75 Resp: 183387

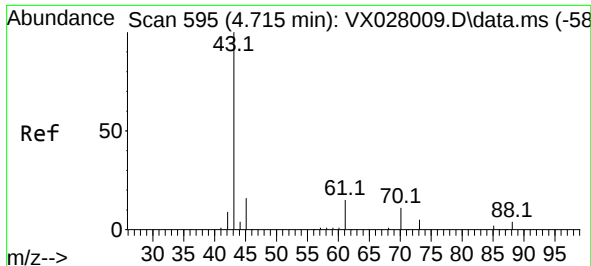
Ion Ratio Lower Upper

75 100

110 33.2 18.3 54.8

77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 196.020 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

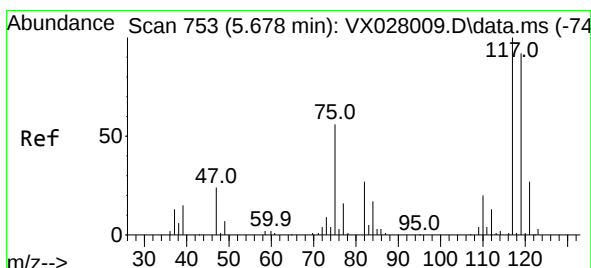
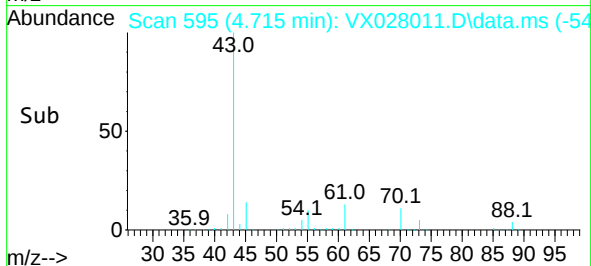
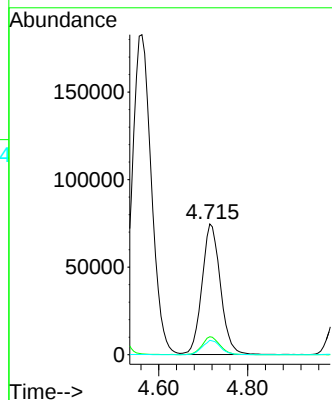
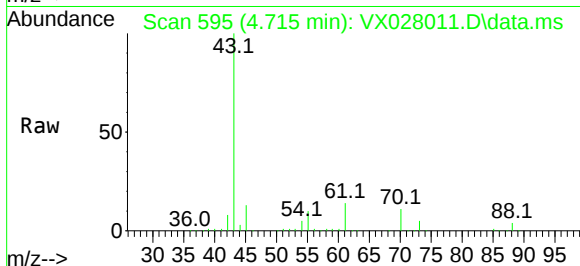
Tgt Ion: 43 Resp: 215627

Ion Ratio Lower Upper

43 100

61 13.3 12.6 19.0

70 10.7 10.2 15.2



#38

Carbon Tetrachloride

Concen: 173.547 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

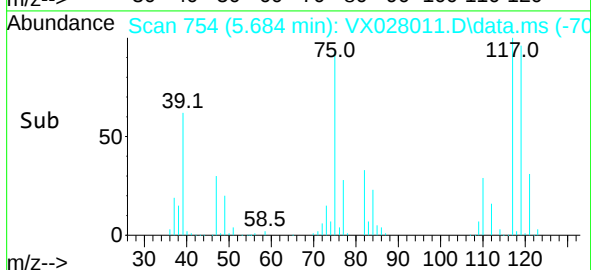
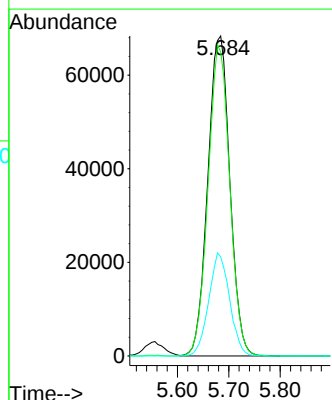
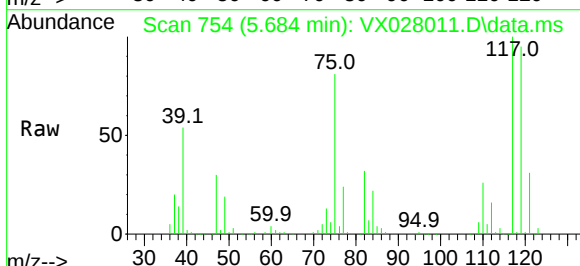
Tgt Ion: 117 Resp: 203999

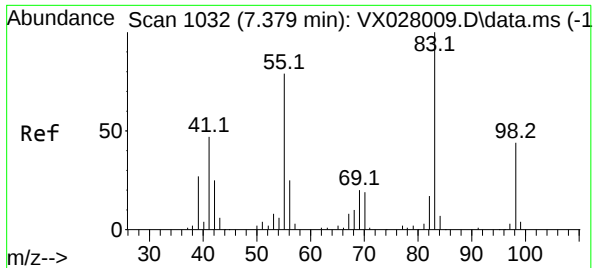
Ion Ratio Lower Upper

117 100

119 95.0 77.3 115.9

121 30.9 24.2 36.2

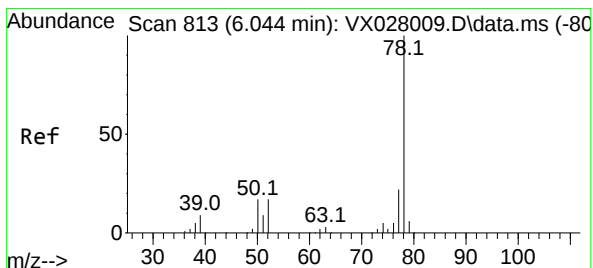
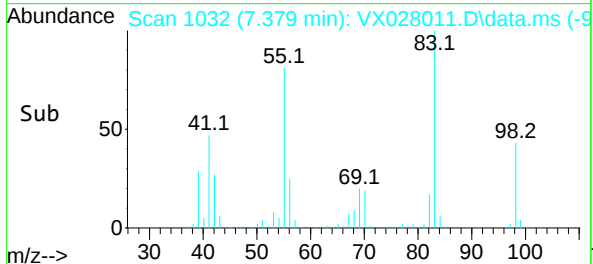
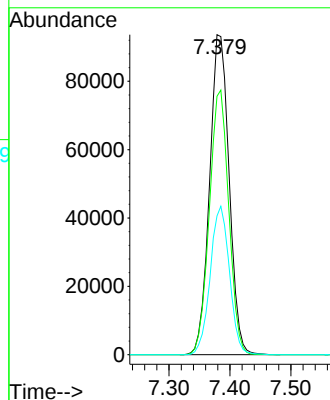
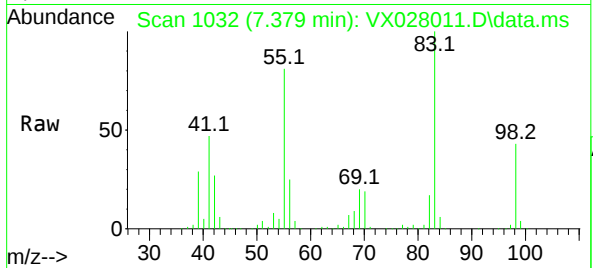




#39
Methylcyclohexane
Concen: 159.287 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

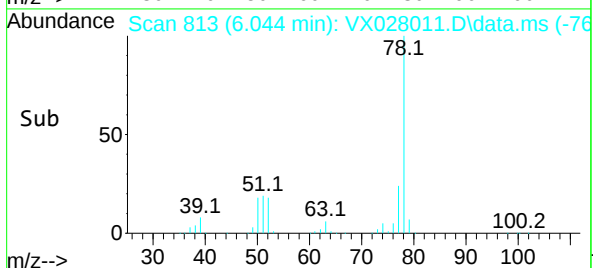
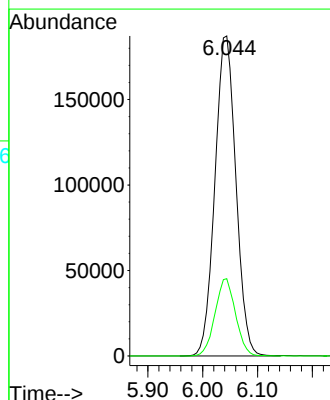
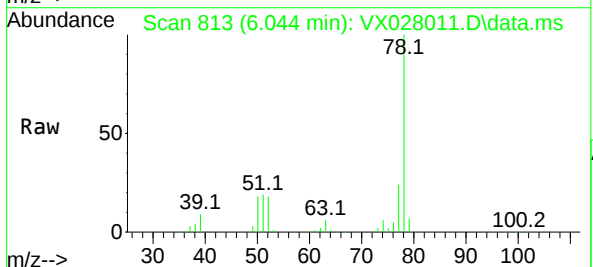
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

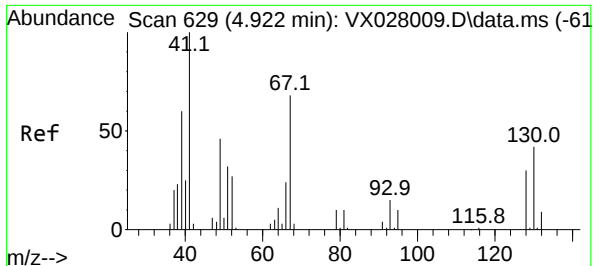
Tgt Ion: 83 Resp: 208821
Ion Ratio Lower Upper
83 100
55 80.7 54.6 81.8
98 43.4 37.4 56.2



#40
Benzene
Concen: 164.895 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 78 Resp: 497993
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9



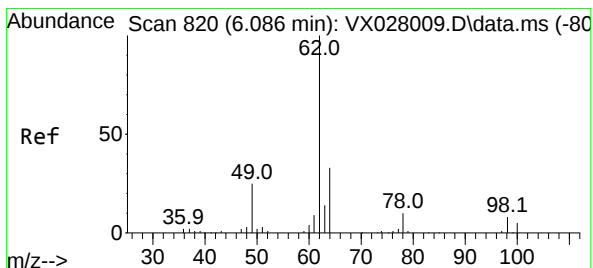
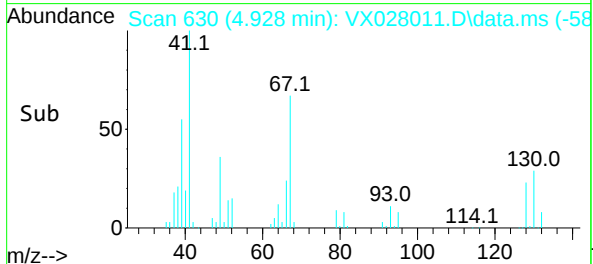
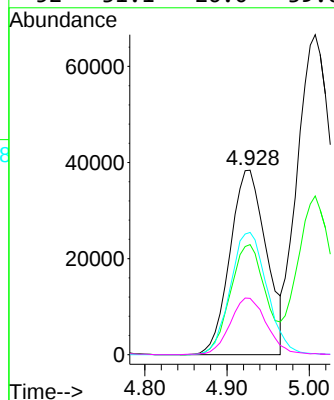
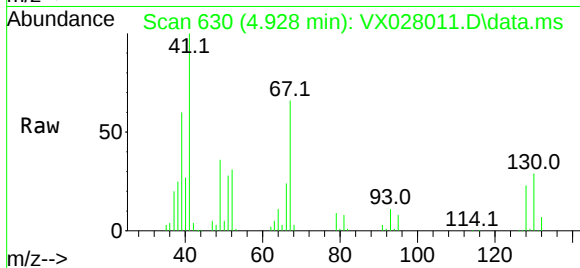


#41
Methacrylonitrile
Concen: 202.846 ug/l
RT: 4.928 min Scan# 611
Delta R.T. 0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 118051

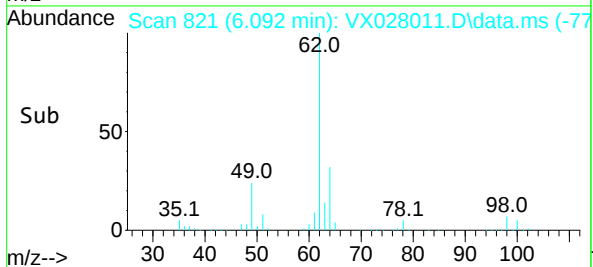
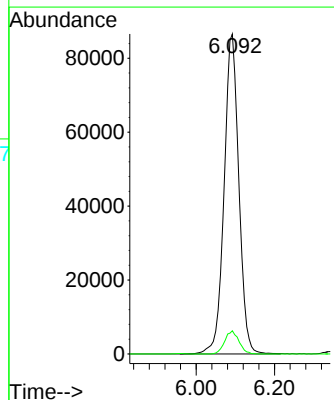
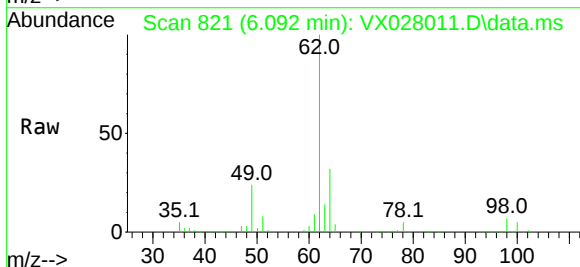
Ion	Ratio	Lower	Upper
41	100		
39	58.5	43.0	64.4
67	67.0	70.2	105.4#
52	31.1	26.0	39.0

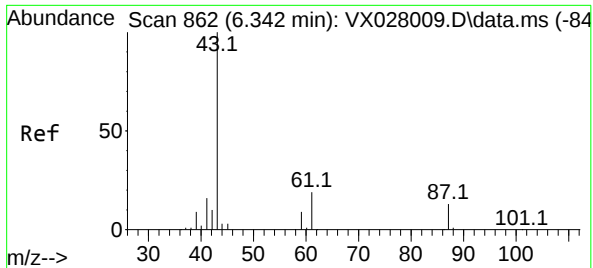


#42
1,2-Dichloroethane
Concen: 200.287 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 62 Resp: 226857

Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	20.4

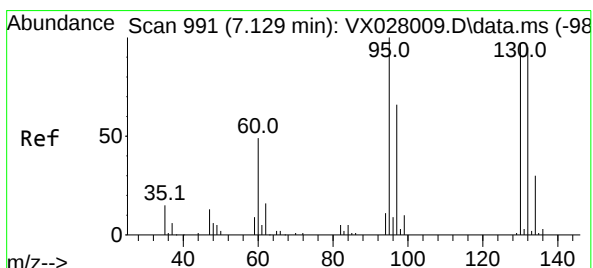
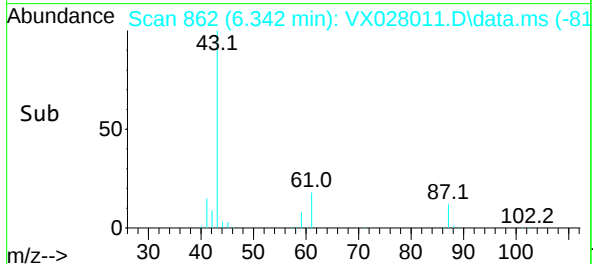
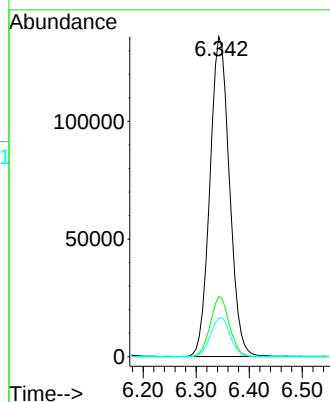
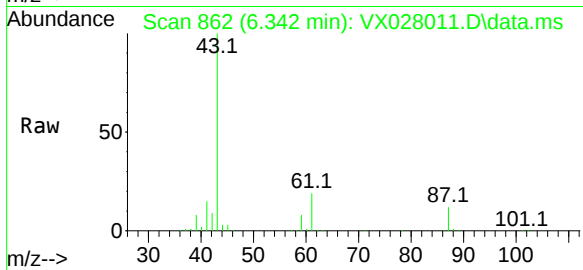




#43
Isopropyl Acetate
Concen: 203.421 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

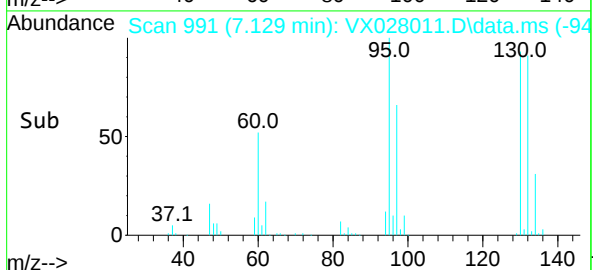
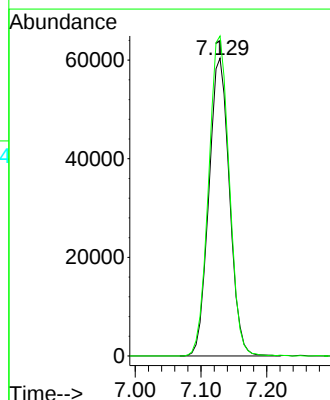
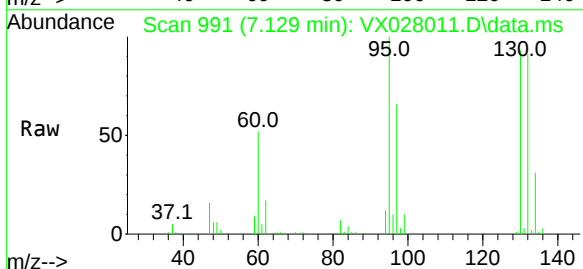
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

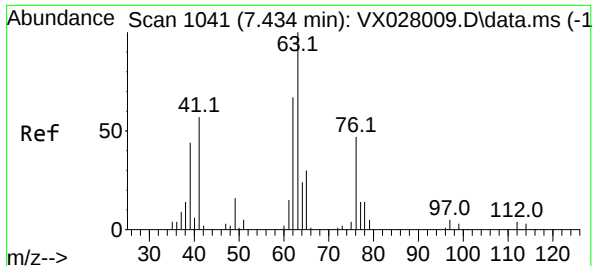
Tgt Ion: 43 Resp: 347905
Ion Ratio Lower Upper
43 100
61 18.4 18.5 27.7#
87 12.4 13.0 19.6#



#44
Trichloroethene
Concen: 147.762 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion:130 Resp: 131845
Ion Ratio Lower Upper
130 100
95 107.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 177.056 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

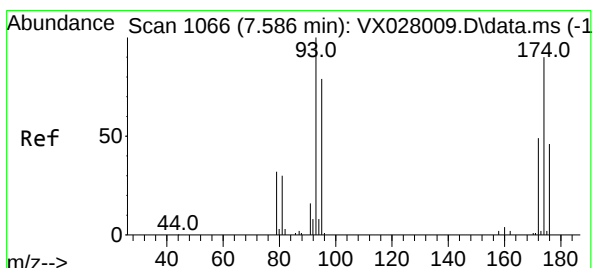
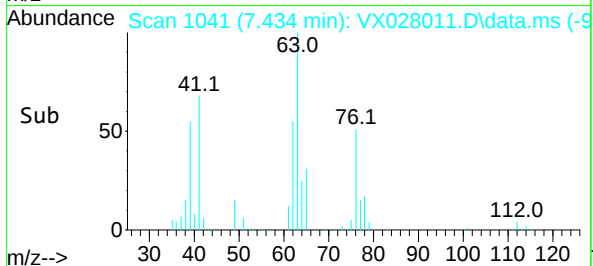
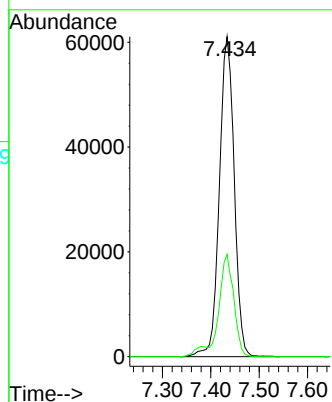
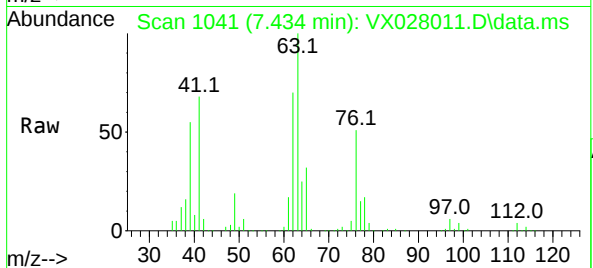
VSTDIC150

Tgt Ion: 63 Resp: 130290

Ion Ratio Lower Upper

63 100

65 31.9 25.8 38.6



#46

Dibromomethane

Concen: 169.605 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

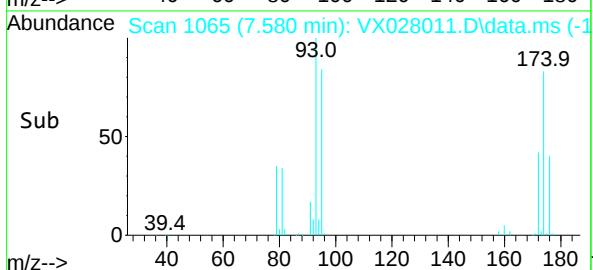
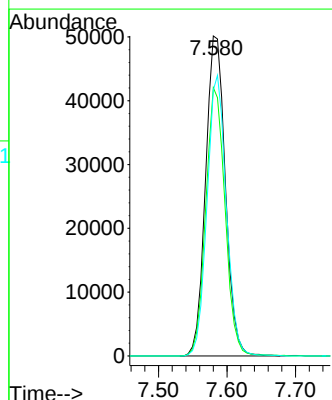
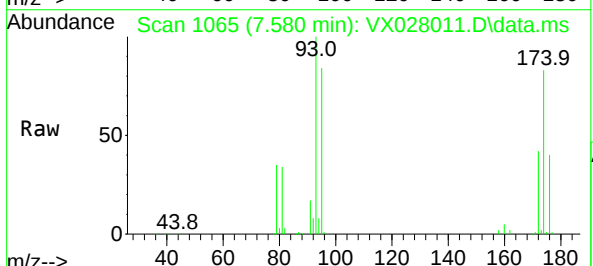
Tgt Ion: 93 Resp: 100965

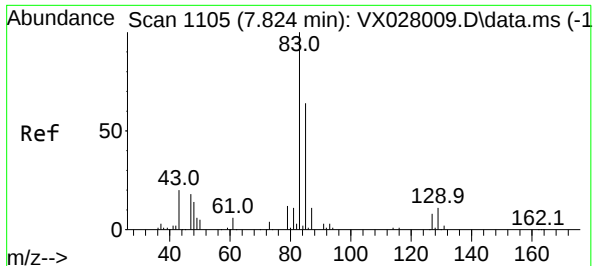
Ion Ratio Lower Upper

93 100

95 82.0 65.8 98.6

174 85.3 85.4 128.2#

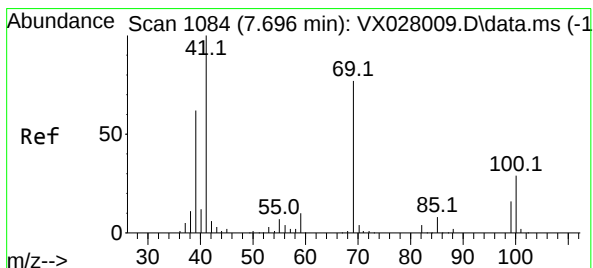
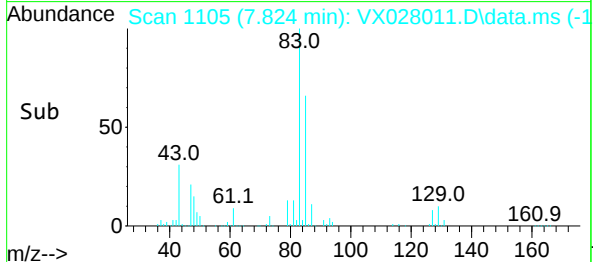
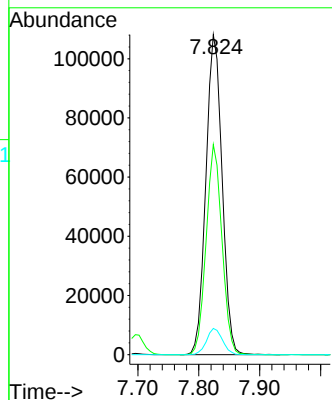
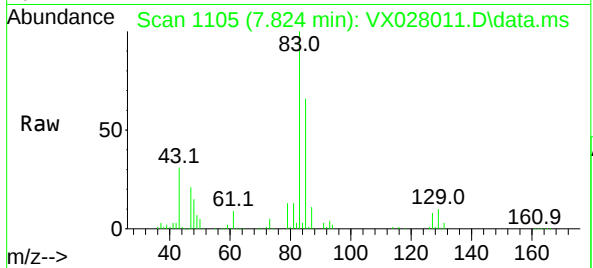




#47
Bromodichloromethane
Concen: 181.946 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

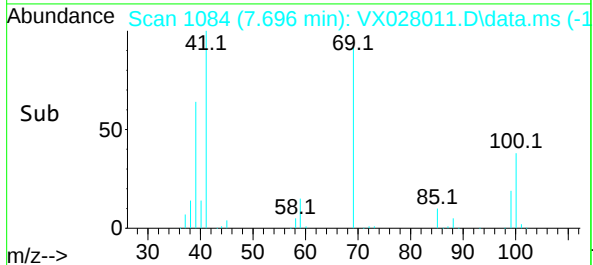
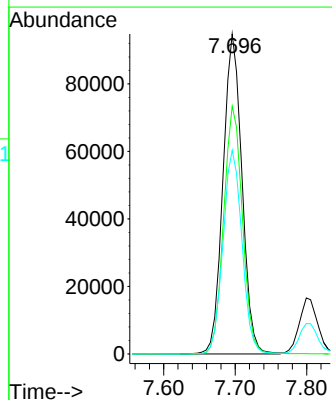
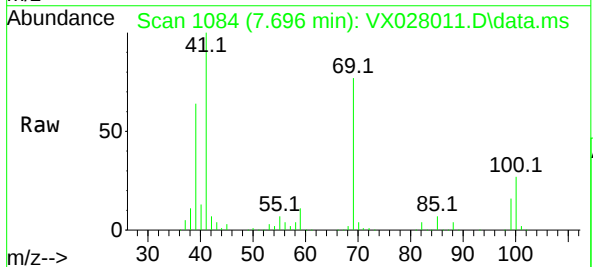
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

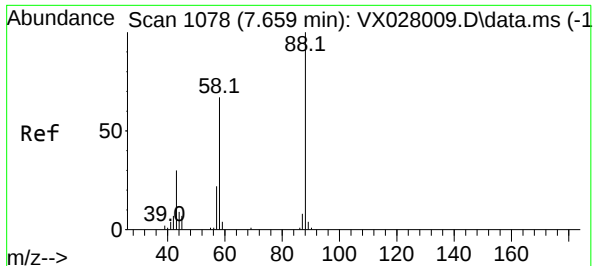
Tgt Ion: 83 Resp: 199970
Ion Ratio Lower Upper
83 100
85 65.6 52.2 78.2
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 210.847 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 41 Resp: 174296
Ion Ratio Lower Upper
41 100
69 76.8 82.5 123.7#
39 64.0 43.8 65.8





#49

1,4-Dioxane

Concen: 2805.150 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

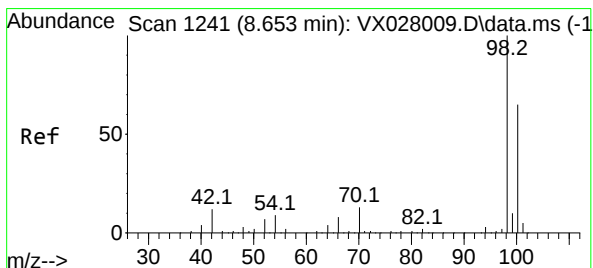
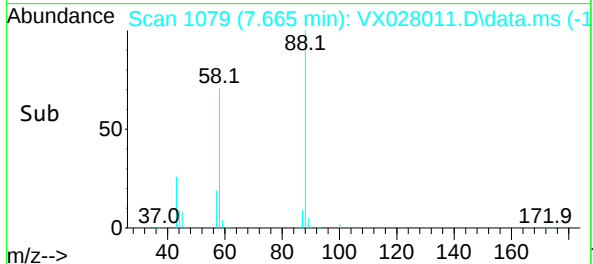
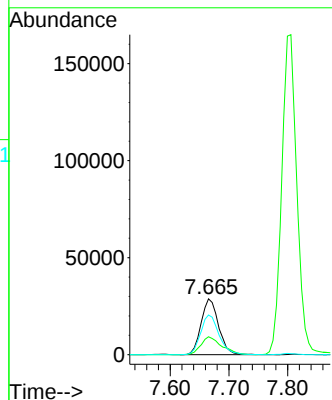
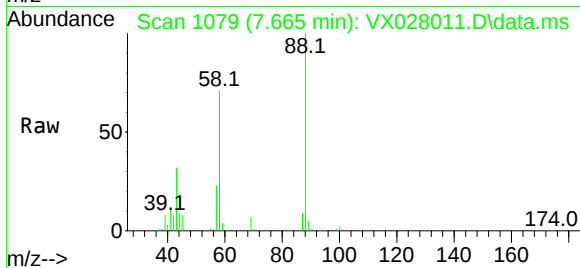
Tgt Ion: 88 Resp: 59232

Ion Ratio Lower Upper

88 100

43 38.4 21.9 32.9#

58 74.8 53.7 80.5



#50

Toluene-d8

Concen: 150.414 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX028011.D

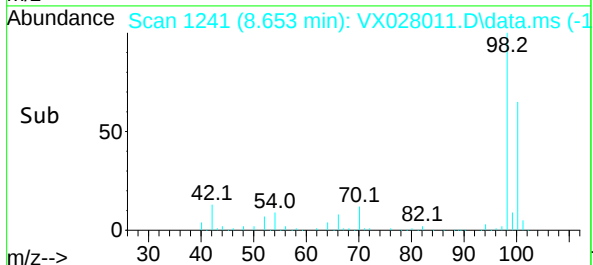
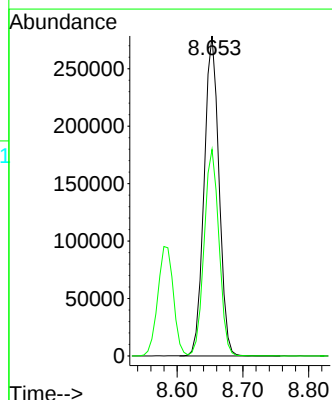
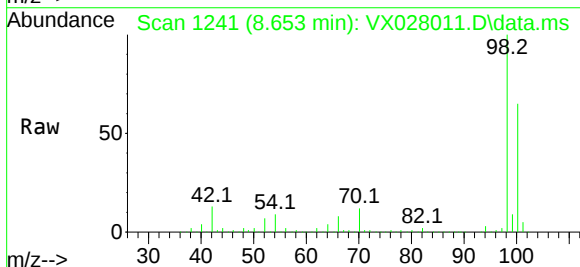
Acq: 07 Apr 2022 14:55

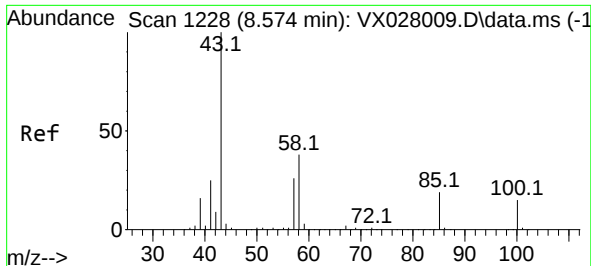
Tgt Ion: 98 Resp: 437926

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 957.057 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

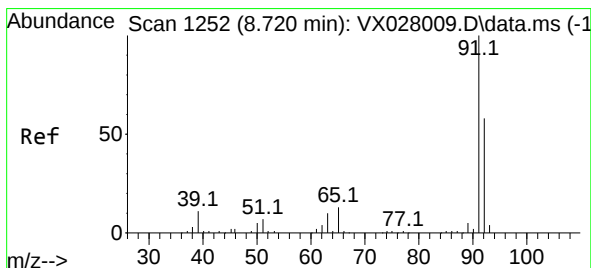
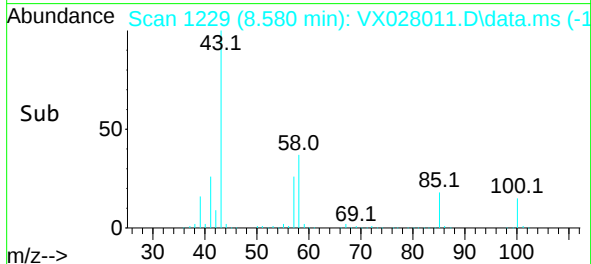
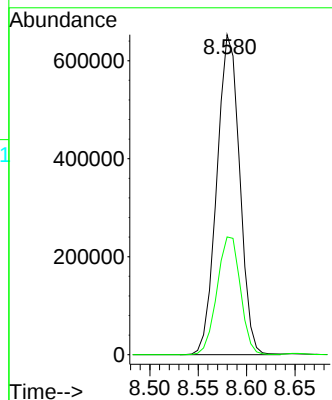
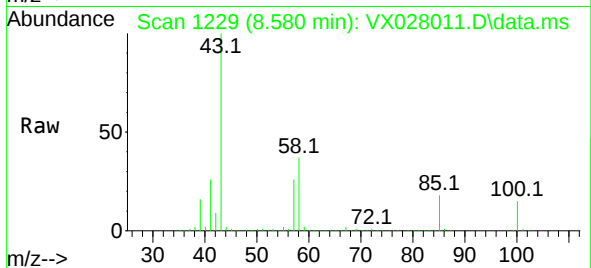
VSTDICC150

Tgt Ion: 43 Resp: 1071012

Ion Ratio Lower Upper

43 100

58 37.7 36.1 54.1



#52

Toluene

Concen: 159.358 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX028011.D

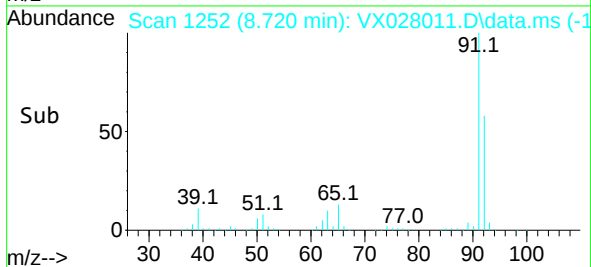
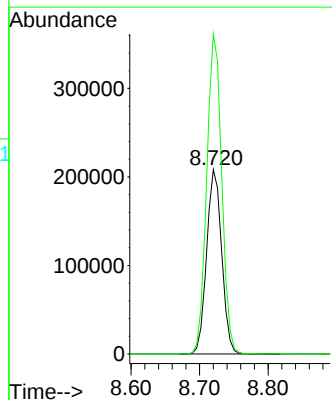
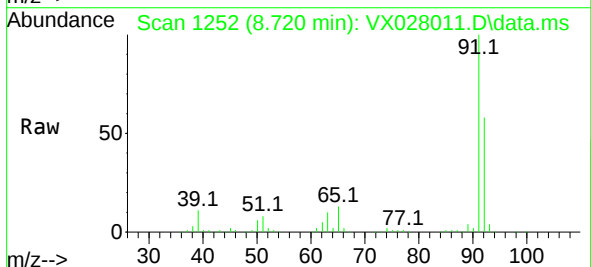
Acq: 07 Apr 2022 14:55

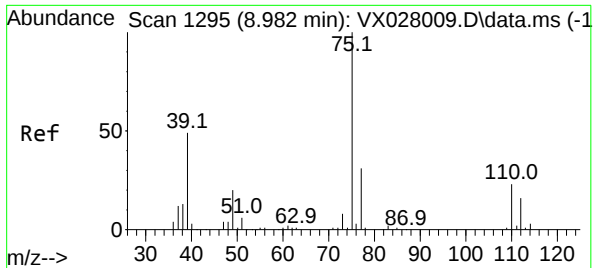
Tgt Ion: 92 Resp: 318034

Ion Ratio Lower Upper

92 100

91 173.2 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 195.393 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

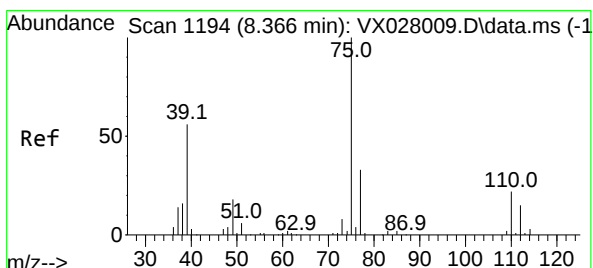
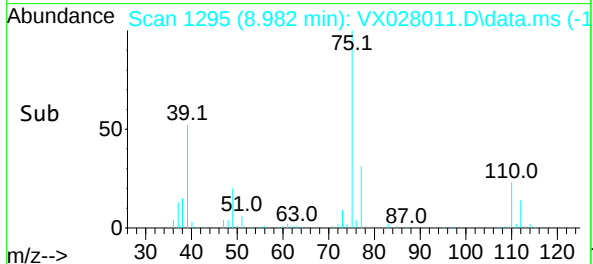
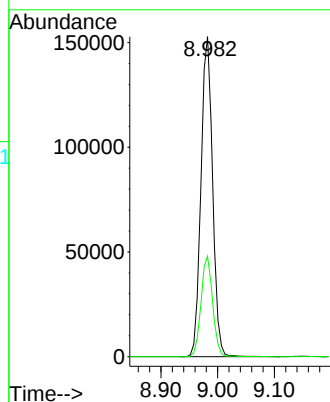
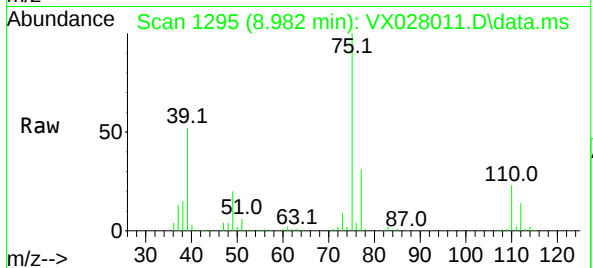
VSTDIC150

Tgt Ion: 75 Resp: 217452

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 181.621 ug/l

RT: 8.373 min Scan# 1195

Delta R.T. 0.006 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

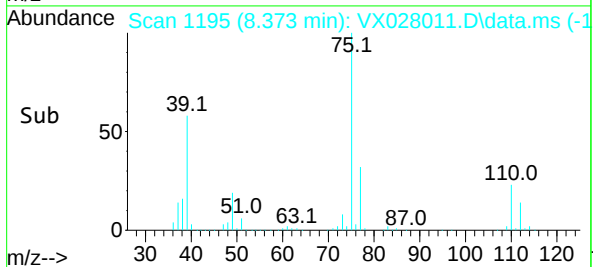
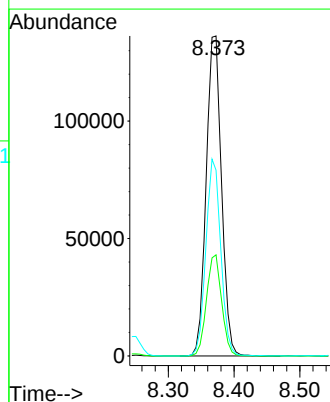
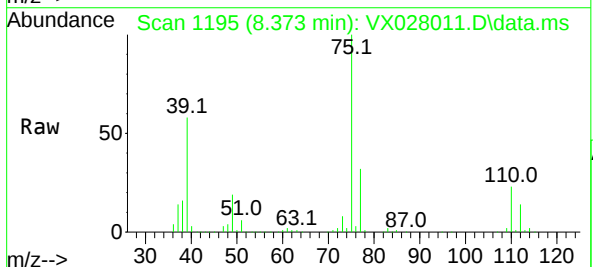
Tgt Ion: 75 Resp: 220858

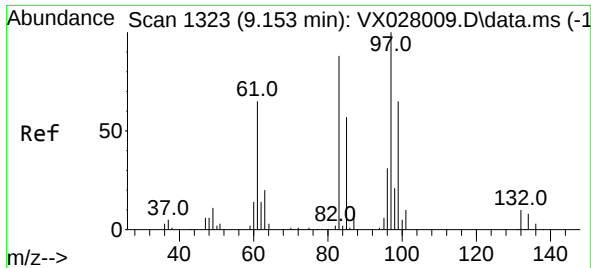
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 58.1 29.6 44.4#



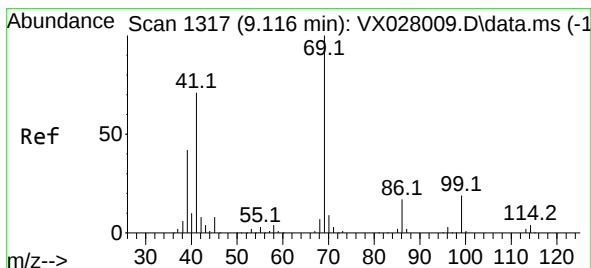
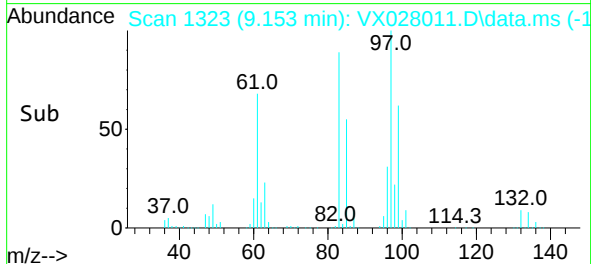
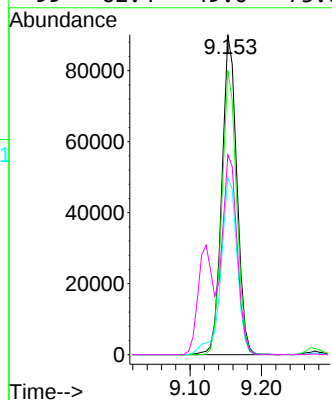
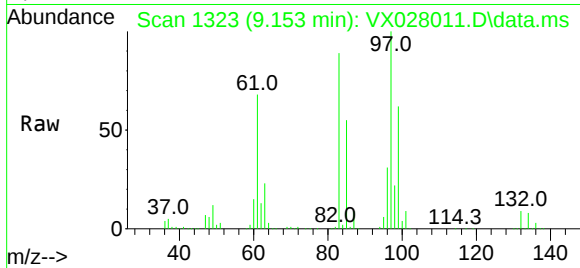


#55
1,1,2-Trichloroethane
Concen: 160.447 ug/l
RT: 9.153 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 131420

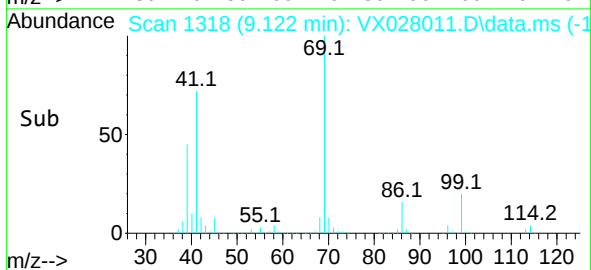
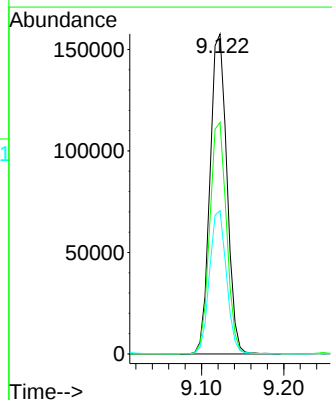
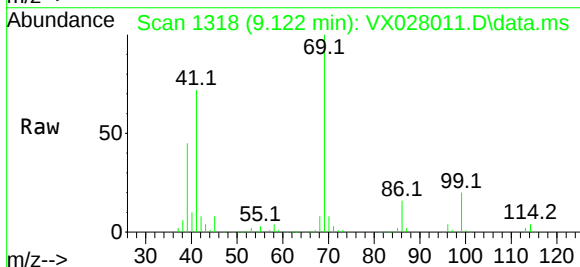
Ion	Ratio	Lower	Upper
97	100		
83	88.8	66.2	99.4
85	55.2	42.9	64.3
99	62.4	49.0	73.6

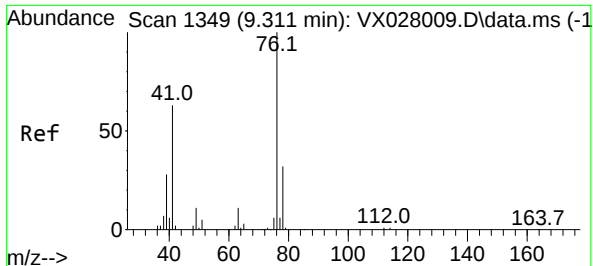


#56
Ethyl methacrylate
Concen: 185.459 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 69 Resp: 225170

Ion	Ratio	Lower	Upper
69	100		
41	72.2	43.8	65.6#
39	44.8	22.2	33.2#





#57

1,3-Dichloropropane

Concen: 173.618 ug/l

RT: 9.311 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

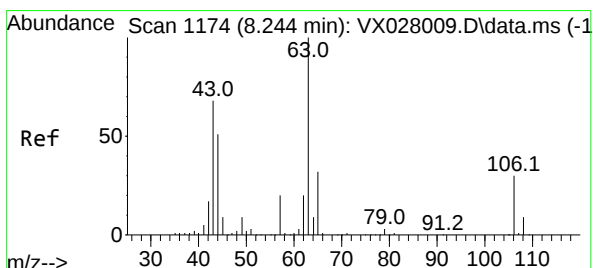
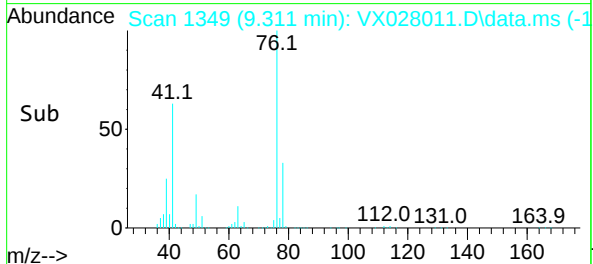
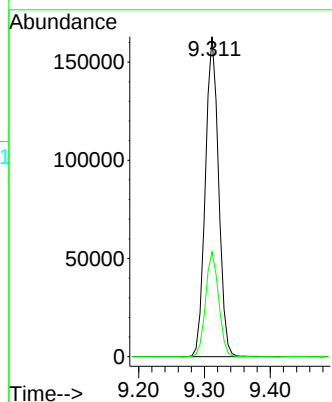
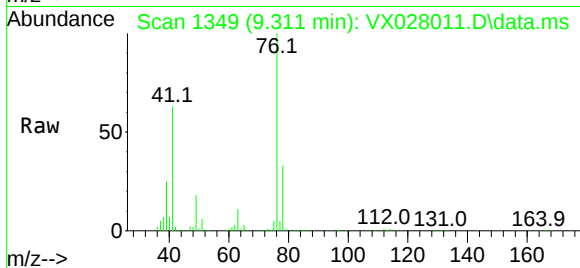
VSTDIC150

Tgt Ion: 76 Resp: 227996

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 888.251 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX028011.D

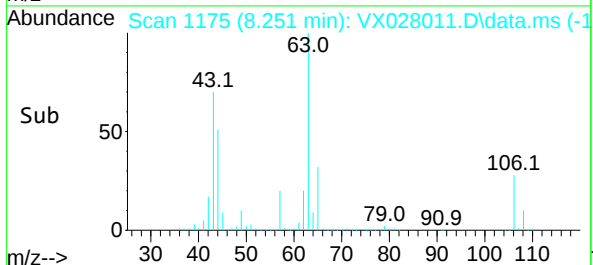
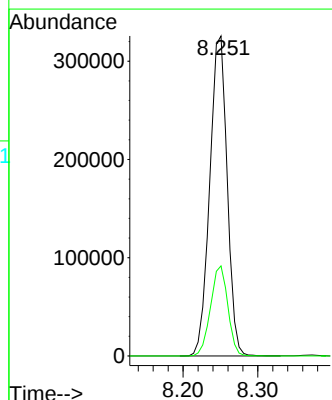
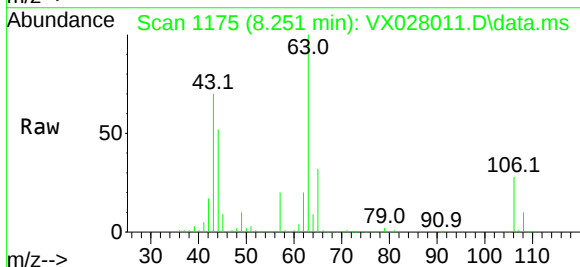
Acq: 07 Apr 2022 14:55

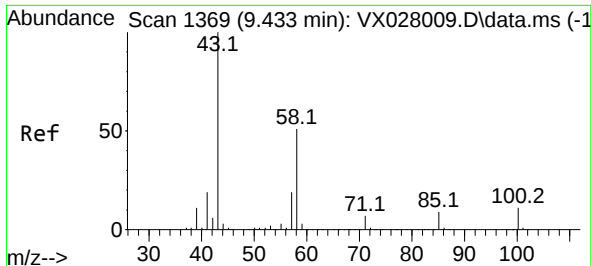
Tgt Ion: 63 Resp: 528160

Ion Ratio Lower Upper

63 100

106 27.9 23.9 35.9





#59

2-Hexanone

Concen: 959.979 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

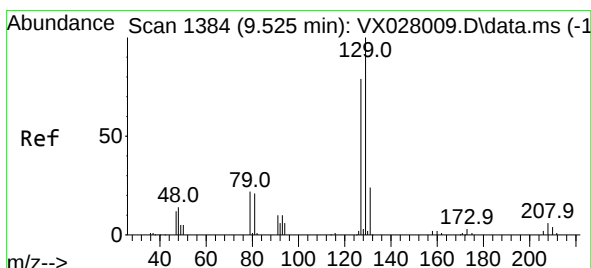
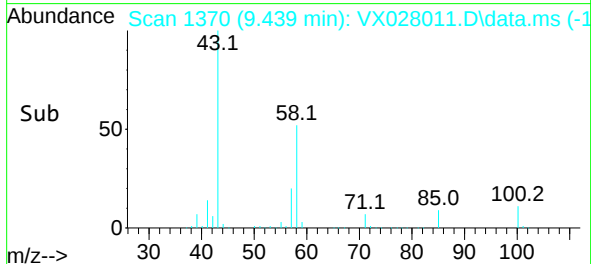
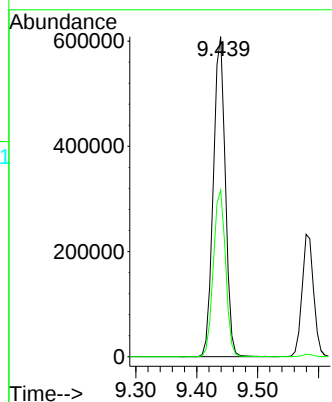
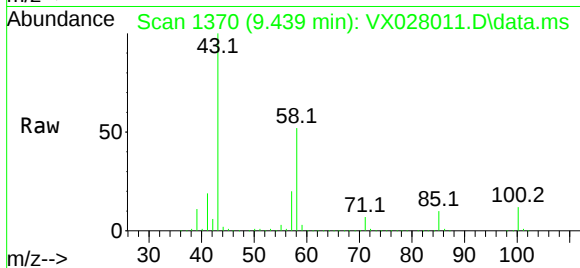
VSTDIC150

Tgt Ion: 43 Resp: 831747

Ion Ratio Lower Upper

43 100

58 53.0 31.9 95.7



#60

Dibromochloromethane

Concen: 177.077 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VX028011.D

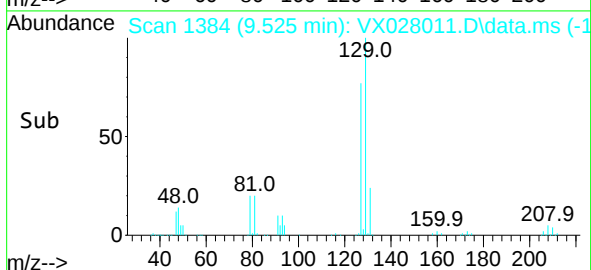
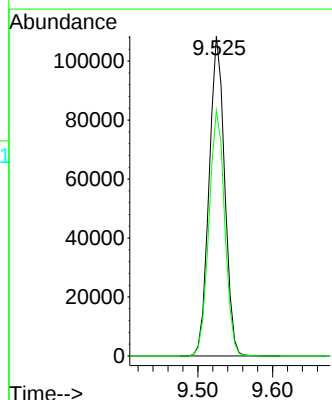
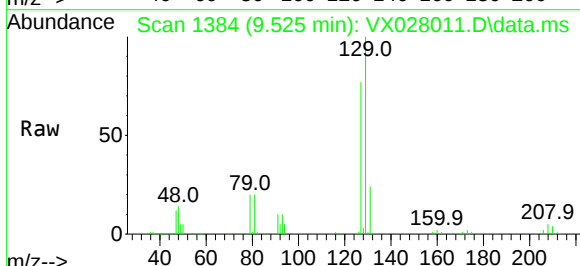
Acq: 07 Apr 2022 14:55

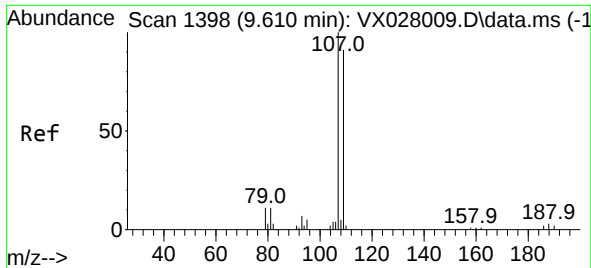
Tgt Ion: 129 Resp: 156055

Ion Ratio Lower Upper

129 100

127 77.9 40.3 120.8

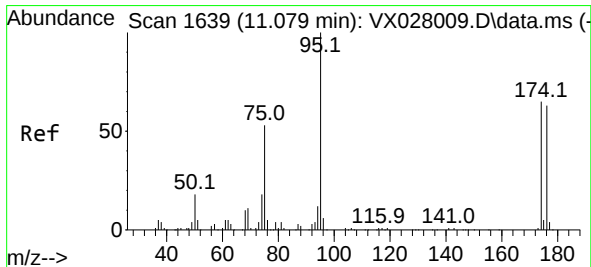
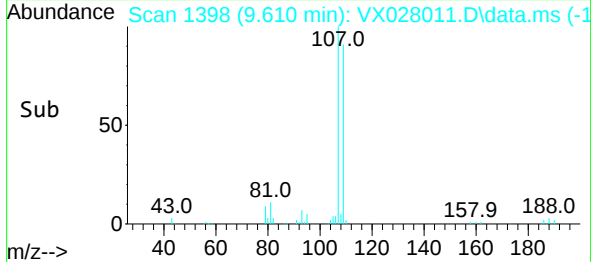
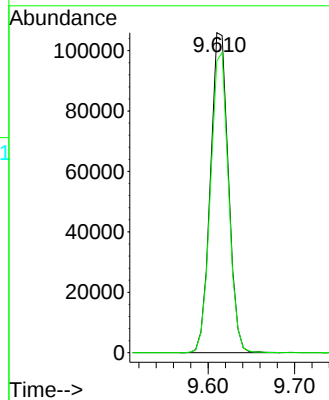
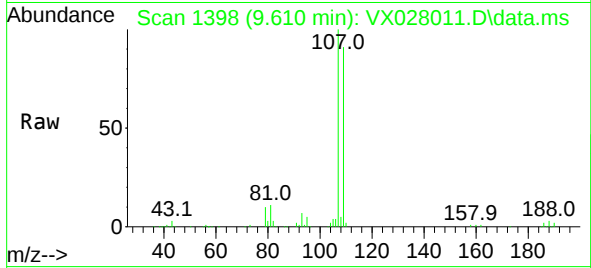




#61
1,2-Dibromoethane
Concen: 175.578 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

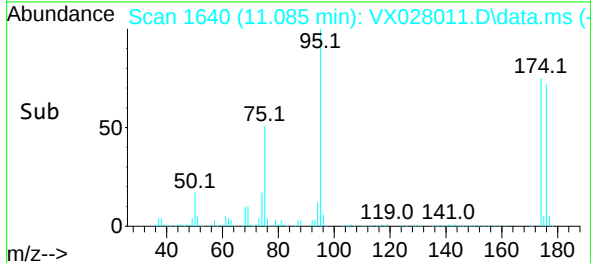
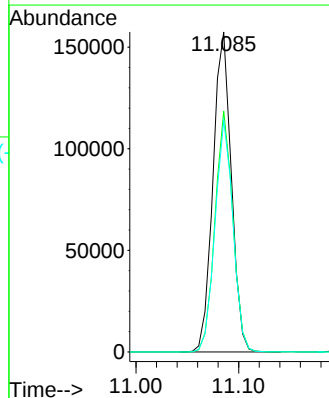
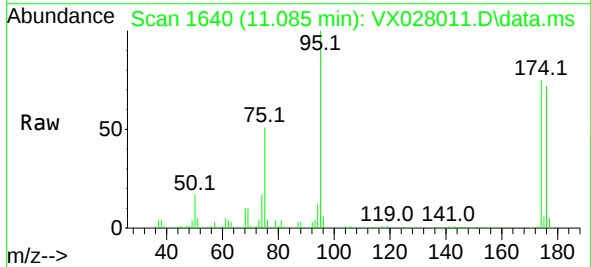
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

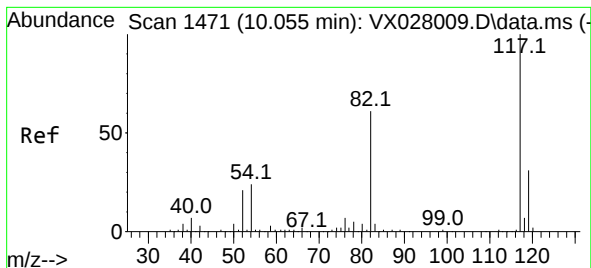
Tgt Ion:107 Resp: 152691
Ion Ratio Lower Upper
107 100
109 93.9 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 168.452 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 95 Resp: 194436
Ion Ratio Lower Upper
95 100
174 73.3 0.0 163.0
176 71.1 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

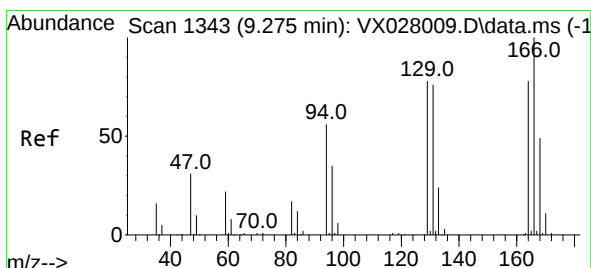
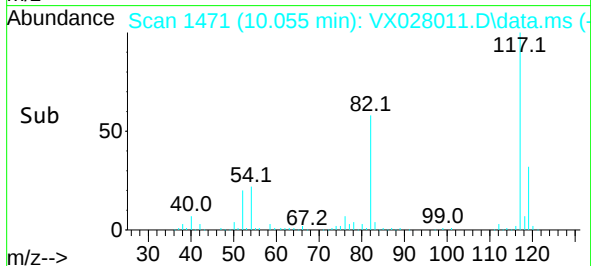
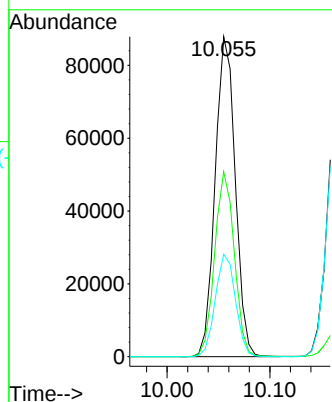
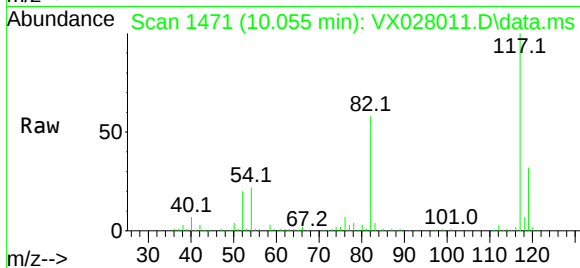
Tgt Ion:117 Resp: 119077

Ion Ratio Lower Upper

117 100

82 57.8 41.8 62.8

119 32.0 24.8 37.2



#64

Tetrachloroethene

Concen: 131.991 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Tgt Ion:164 Resp: 123205

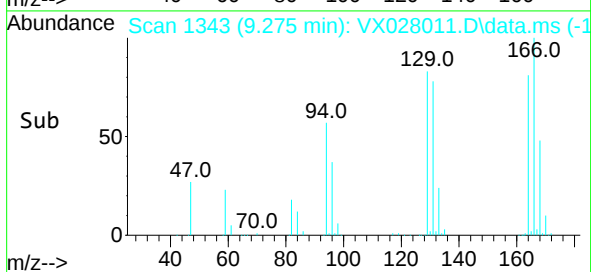
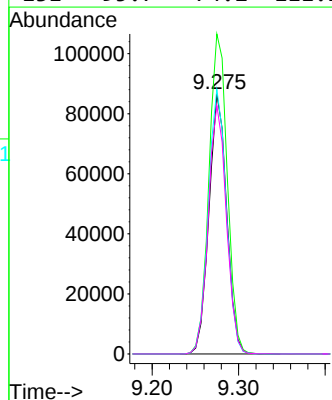
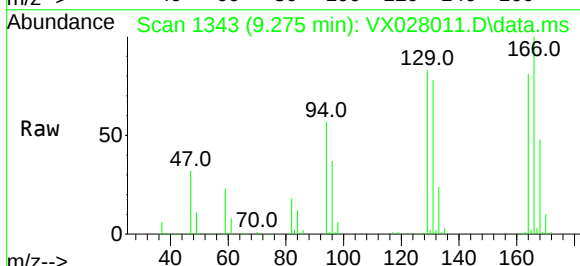
Ion Ratio Lower Upper

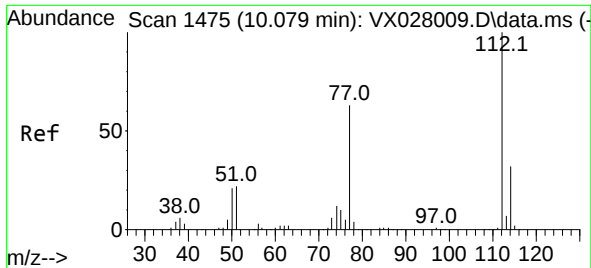
164 100

166 123.2 101.2 151.8

129 101.9 73.0 109.4

131 95.7 74.2 111.2

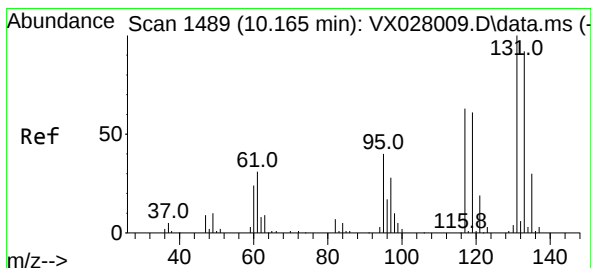
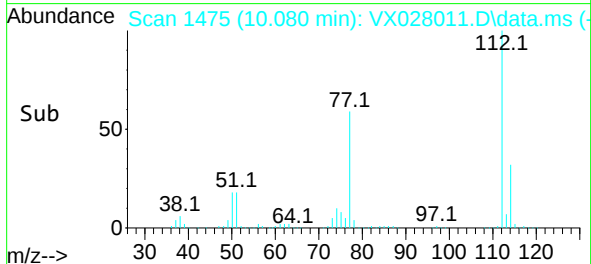
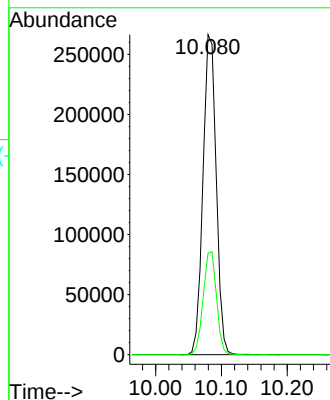
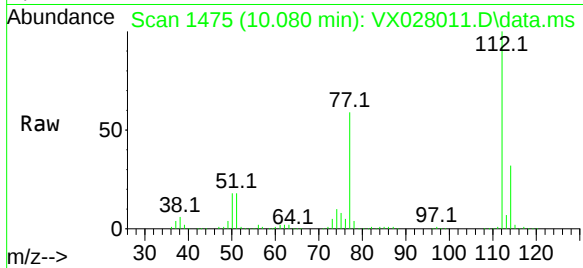




#65
Chlorobenzene
Concen: 149.596 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

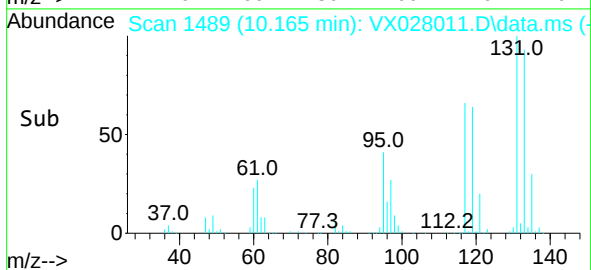
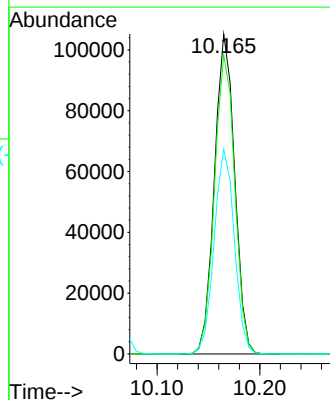
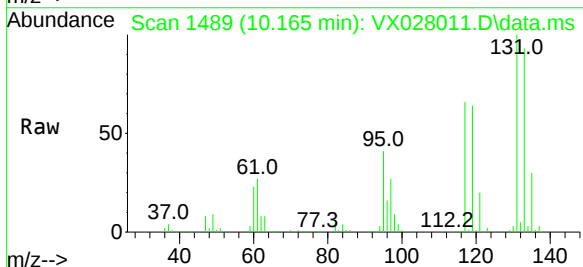
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

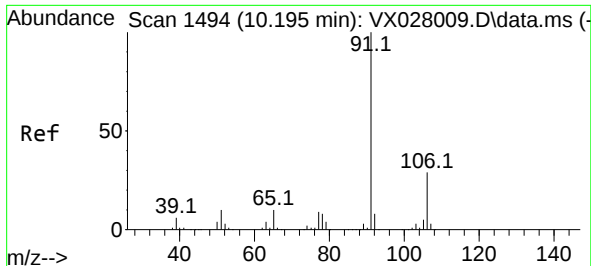
Tgt Ion:112 Resp: 373454
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 155.394 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion:131 Resp: 143253
Ion Ratio Lower Upper
131 100
133 94.0 48.3 144.8
119 64.0 32.6 98.0





#67

Ethyl Benzene

Concen: 155.155 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

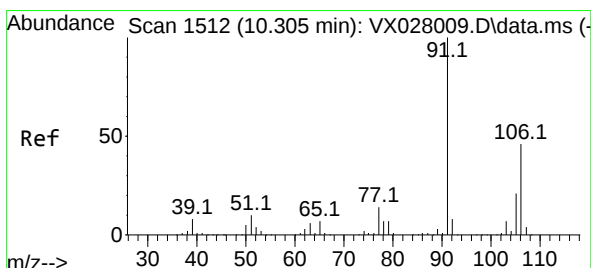
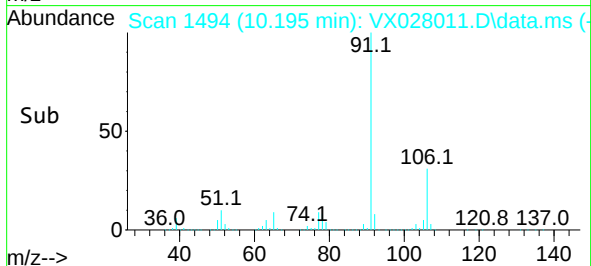
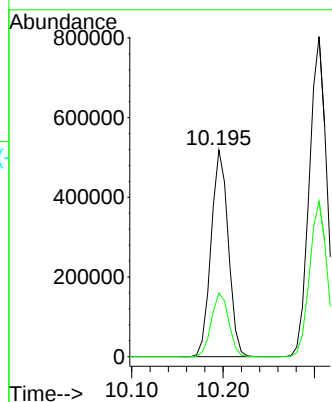
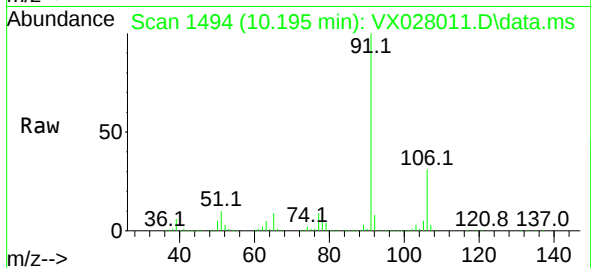
VSTDIC150

Tgt Ion: 91 Resp: 674592

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 305.091 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028011.D

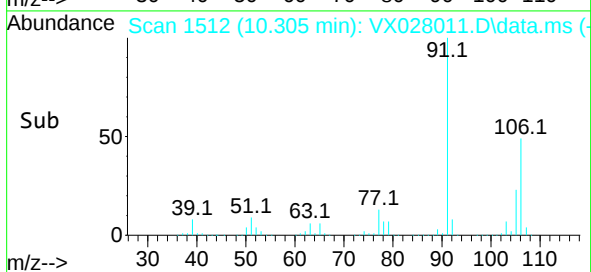
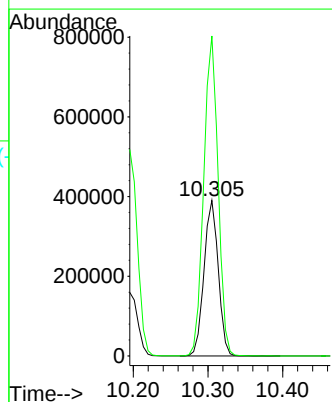
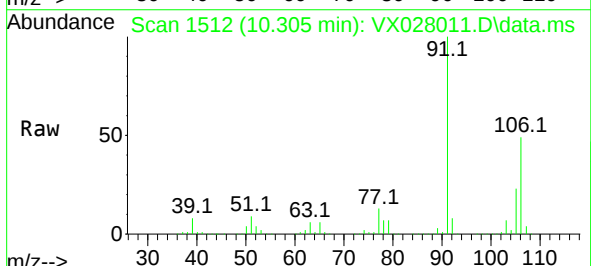
Acq: 07 Apr 2022 14:55

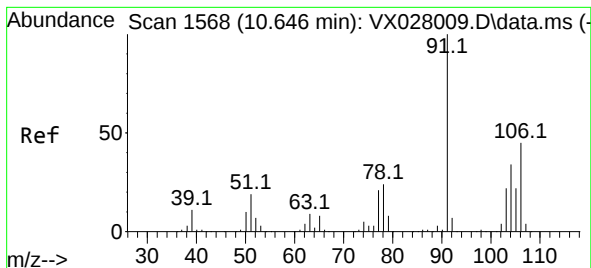
Tgt Ion: 106 Resp: 516442

Ion Ratio Lower Upper

106 100

91 206.9 160.4 240.6





#69

o-Xylene

Concen: 154.263 ug/l

RT: 10.646 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

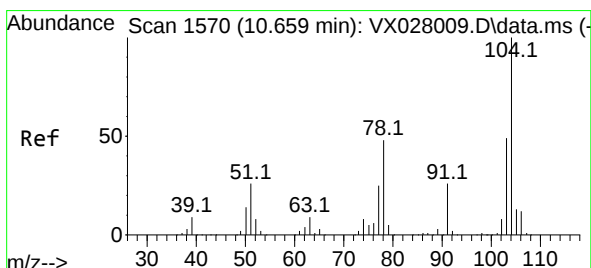
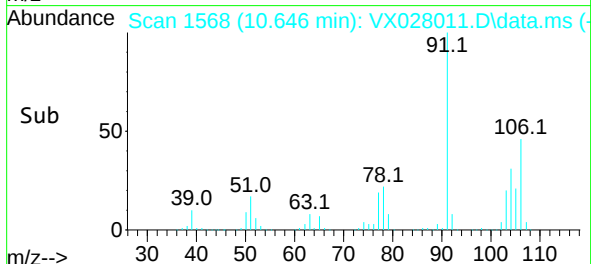
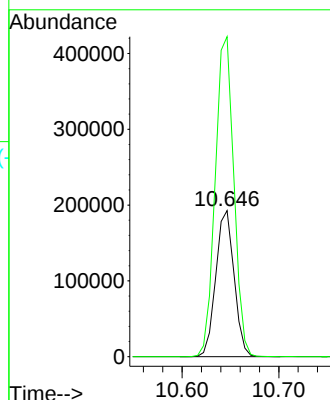
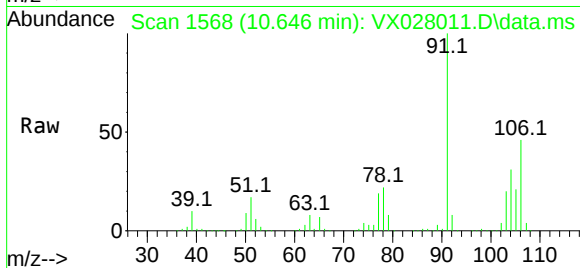
VSTDIC150

Tgt Ion:106 Resp: 252859

Ion Ratio Lower Upper

106 100

91 223.0 106.1 318.1



#70

Styrene

Concen: 159.846 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

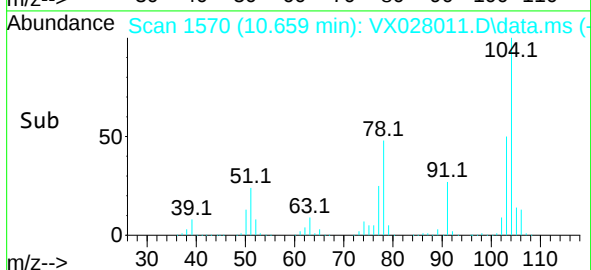
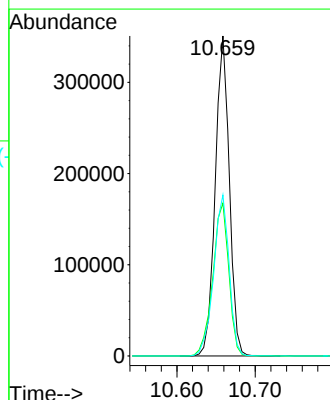
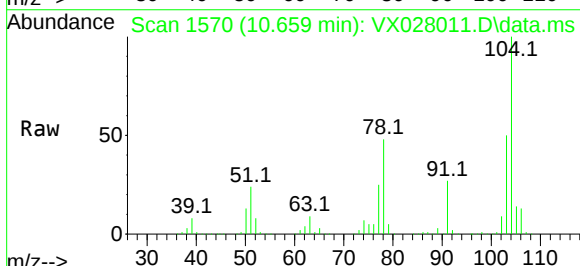
Tgt Ion:104 Resp: 437295

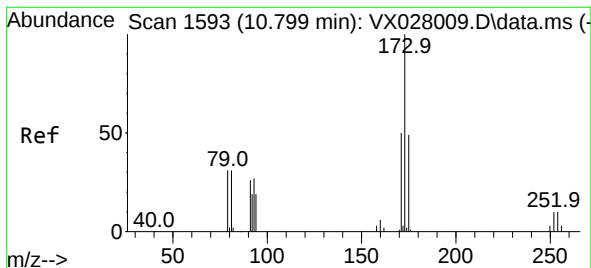
Ion Ratio Lower Upper

104 100

78 54.4 38.6 57.8

103 55.4 43.8 65.8





#71

Bromoform

Concen: 157.455 ug/l

RT: 10.805 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

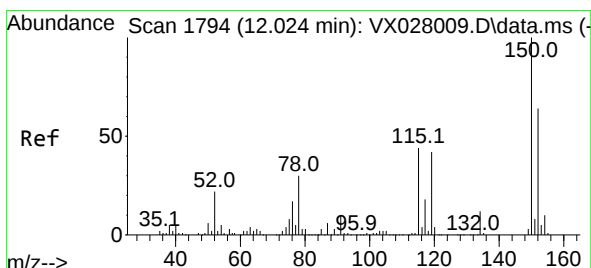
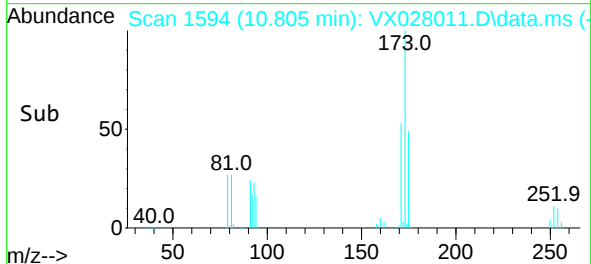
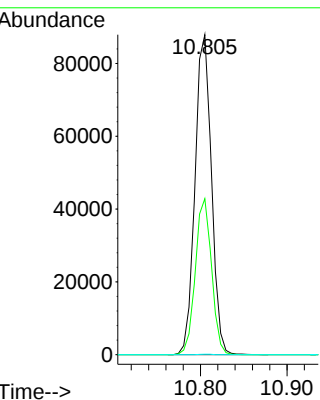
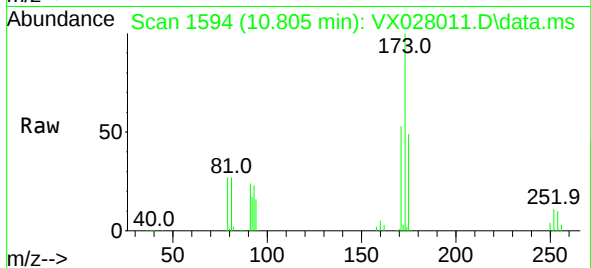
Tgt Ion:173 Resp: 116040

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.2

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

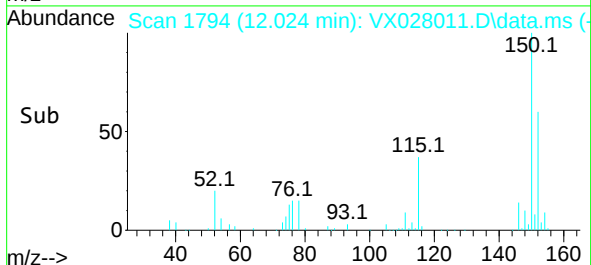
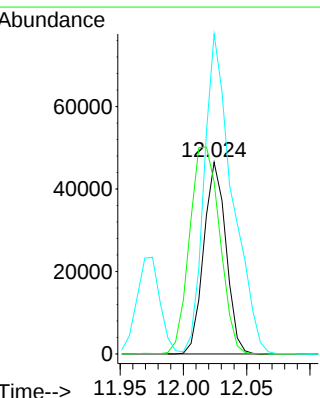
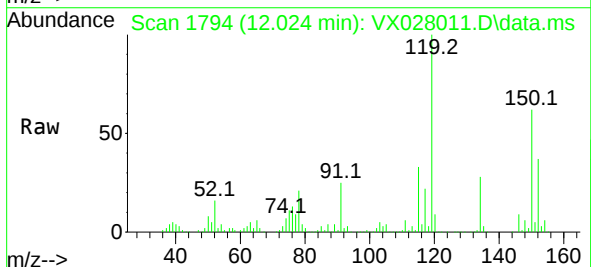
Tgt Ion:152 Resp: 56655

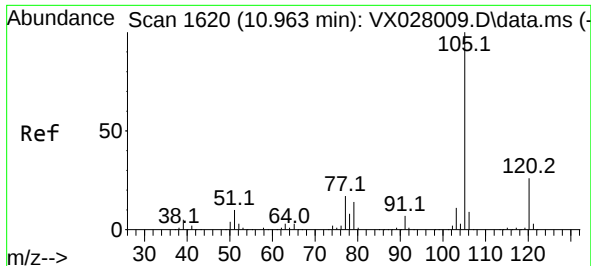
Ion Ratio Lower Upper

152 100

115 147.1 37.5 112.7#

150 212.6 0.0 338.2

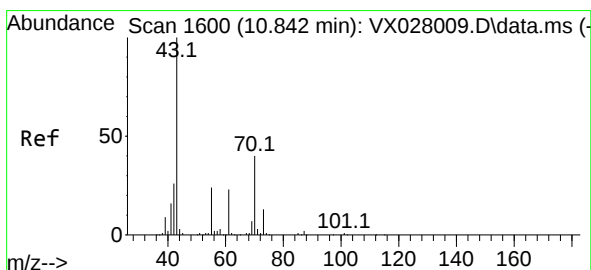
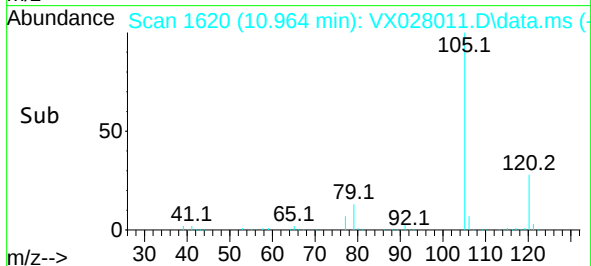
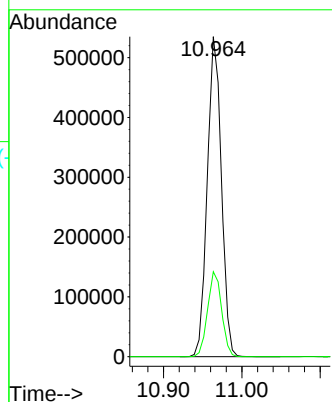
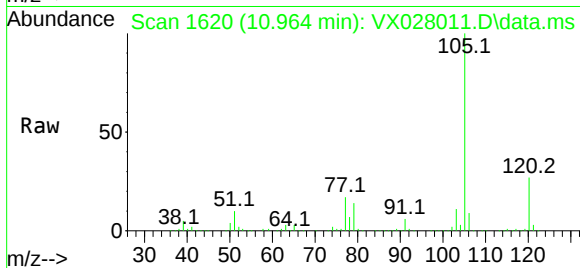




#73
Isopropylbenzene
Concen: 166.876 ug/l
RT: 10.964 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

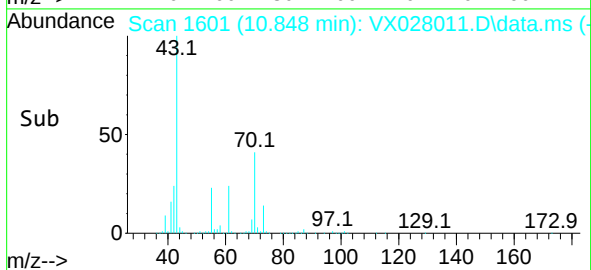
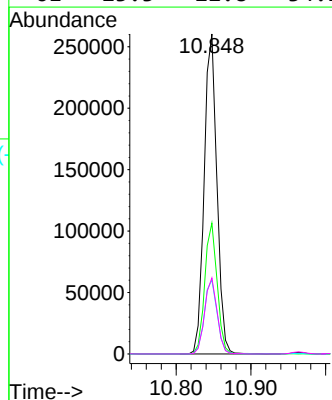
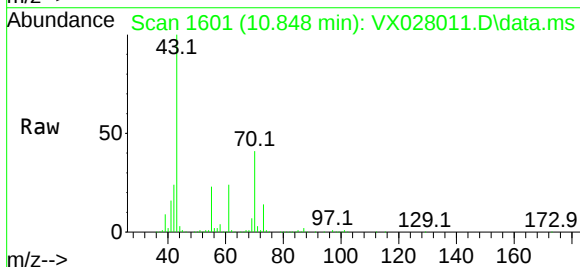
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

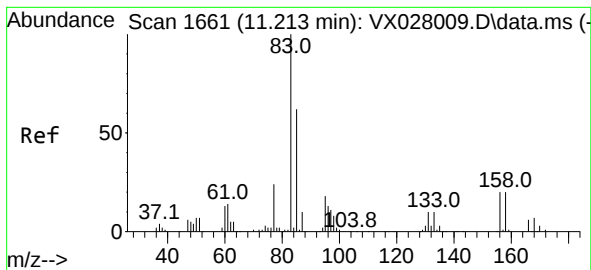
Tgt Ion:105 Resp: 666837
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5



#74
N-ethyl acetate
Concen: 213.844 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 43 Resp: 307459
Ion Ratio Lower Upper
43 100
70 39.9 42.5 63.7#
55 23.2 23.1 34.7
61 23.3 22.8 34.2

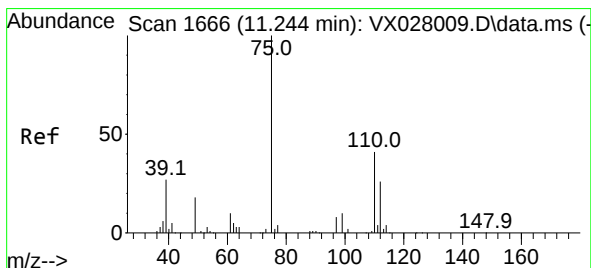
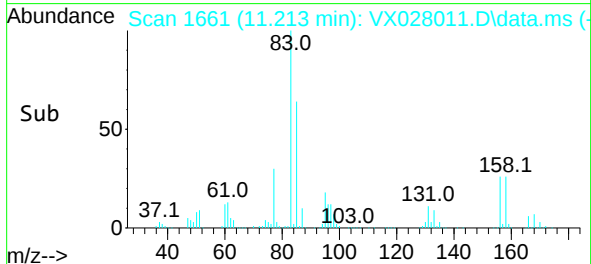
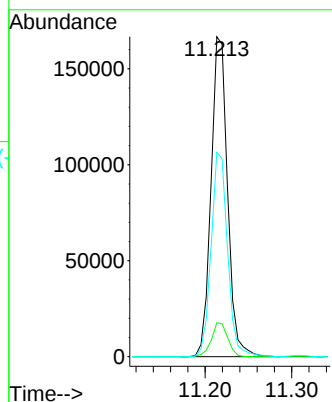
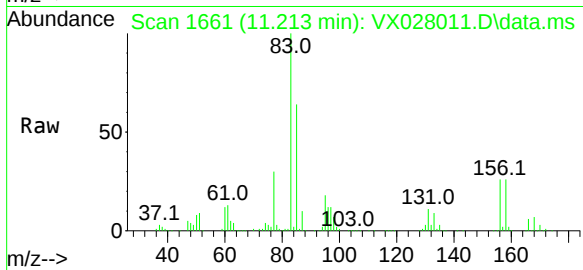




#75
1,1,2,2-Tetrachloroethane
Concen: 167.503 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

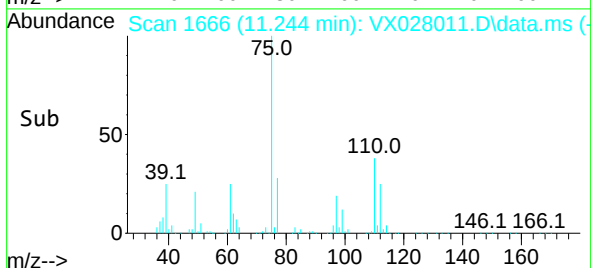
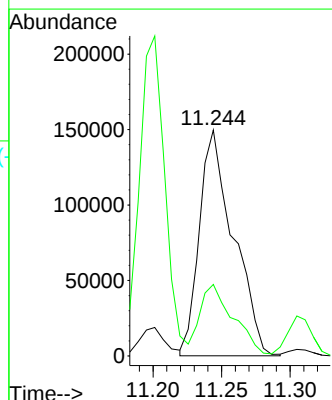
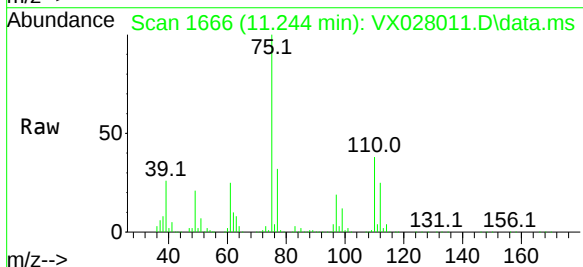
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

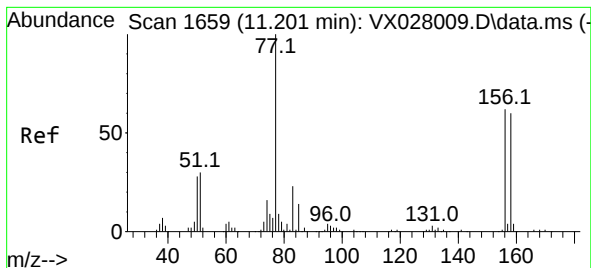
Tgt Ion: 83 Resp: 220623
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.3
85 63.9 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 218.807 ug/l
RT: 11.244 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 75 Resp: 259187
Ion Ratio Lower Upper
75 100
77 31.2 19.4 58.2





#77

Bromobenzene

Concen: 155.470 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

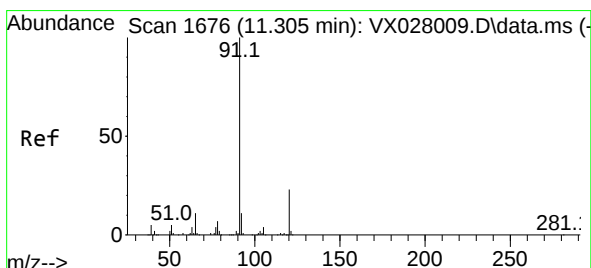
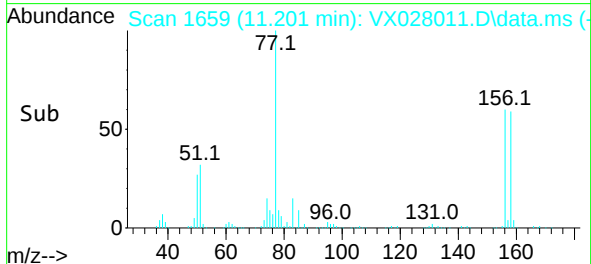
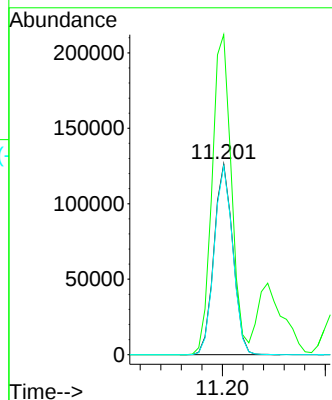
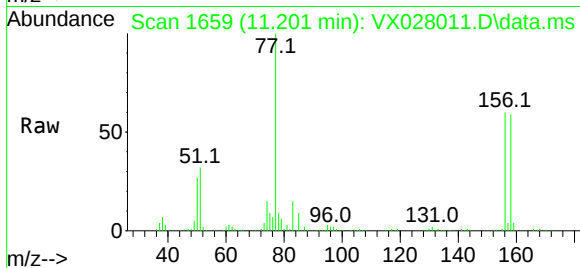
Tgt Ion:156 Resp: 160268

Ion Ratio Lower Upper

156 100

77 172.4 78.5 235.3

158 98.1 50.2 150.7



#78

n-propylbenzene

Concen: 175.677 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX028011.D

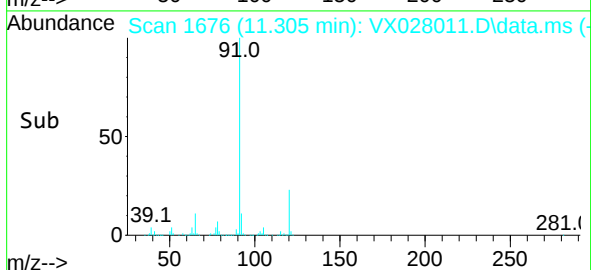
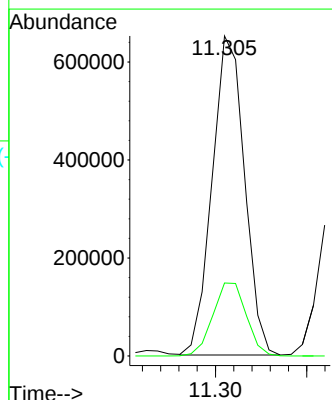
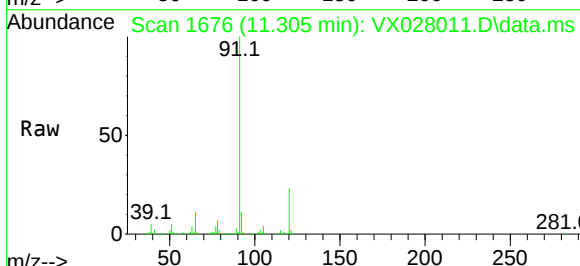
Acq: 07 Apr 2022 14:55

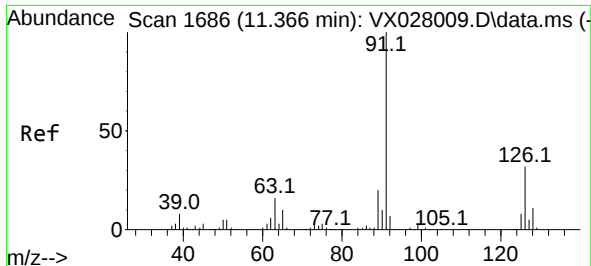
Tgt Ion: 91 Resp: 802736

Ion Ratio Lower Upper

91 100

120 23.7 11.6 34.8

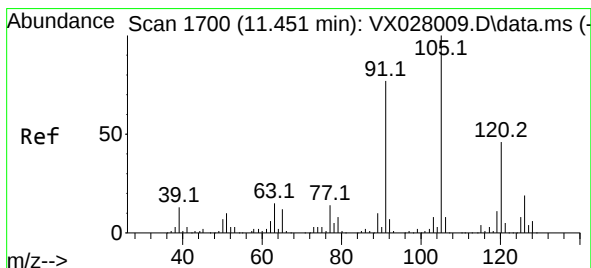
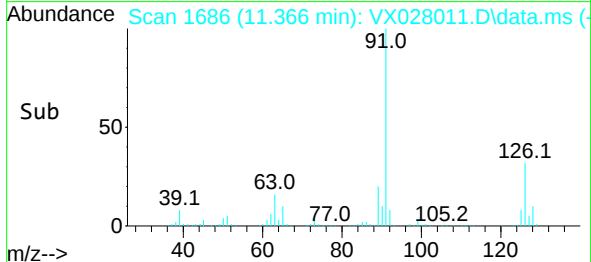
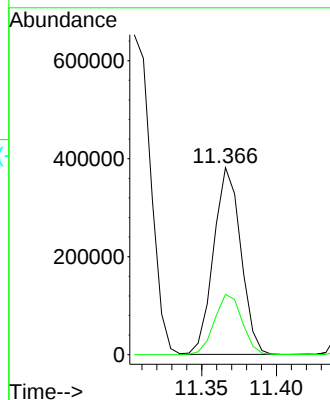
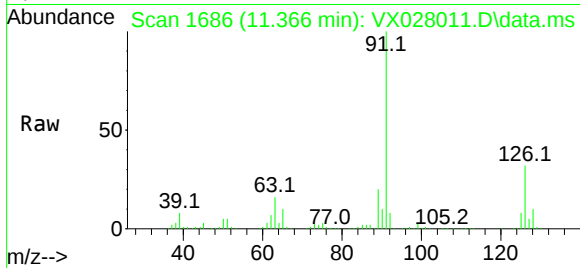




#79
2-Chlorotoluene
Concen: 167.718 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

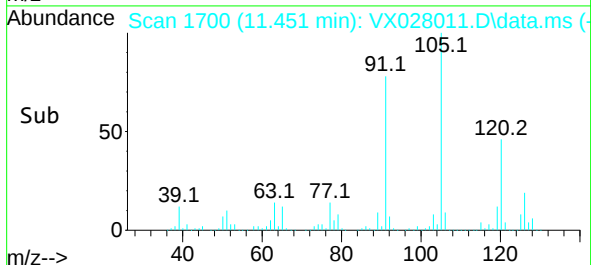
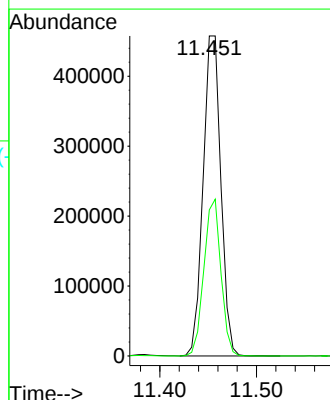
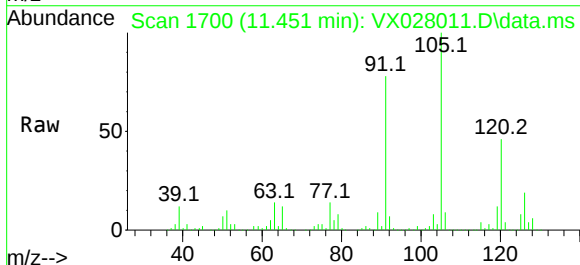
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

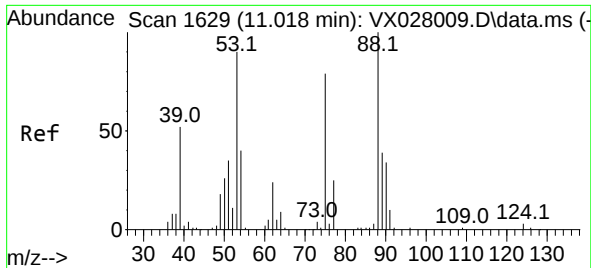
Tgt Ion: 91 Resp: 483849
Ion Ratio Lower Upper
91 100
126 32.7 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 170.242 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 105 Resp: 584923
Ion Ratio Lower Upper
105 100
120 47.0 24.3 72.9

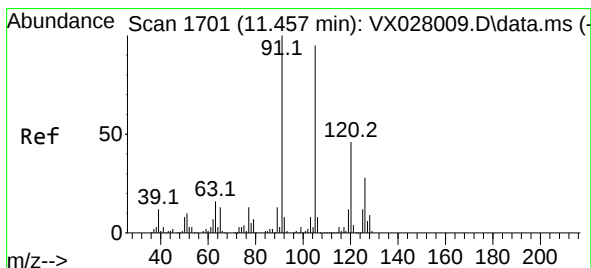
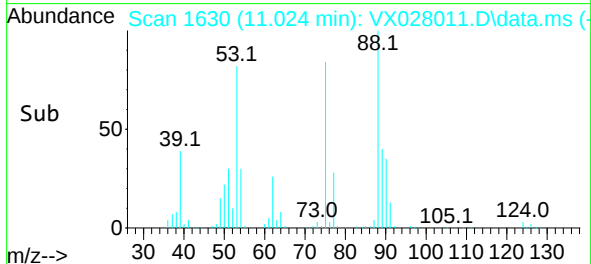
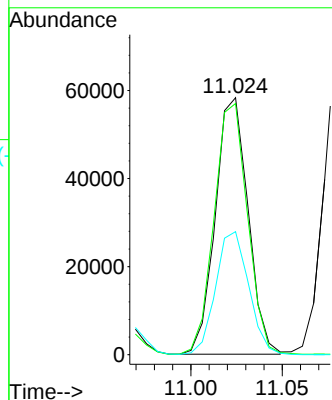
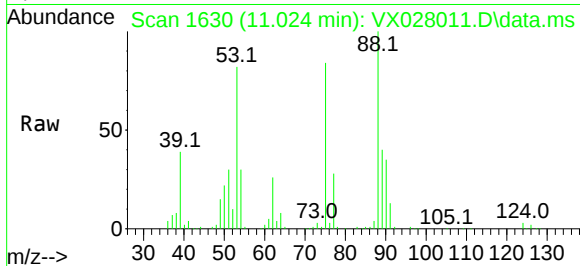




#81
trans-1,4-Dichloro-2-butene
Concen: 194.847 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

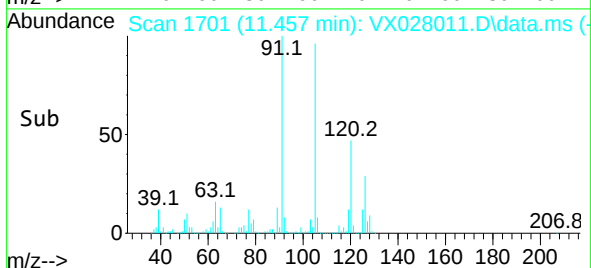
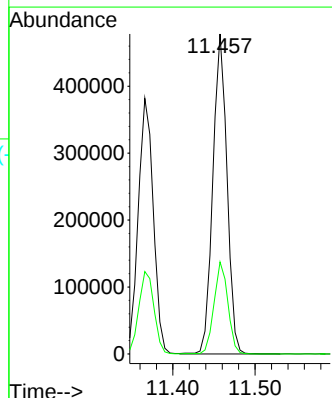
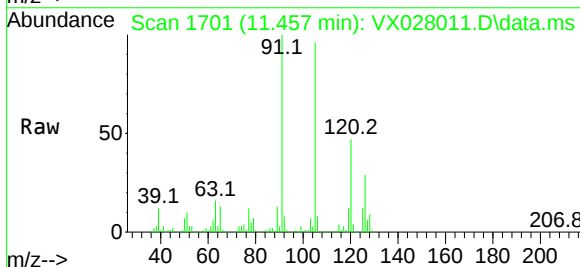
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

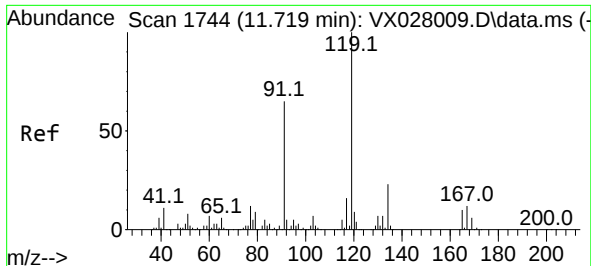
Tgt Ion: 75 Resp: 72545
Ion Ratio Lower Upper
75 100
53 99.7 69.0 103.4
89 48.6 37.0 55.6



#82
4-Chlorotoluene
Concen: 173.575 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 91 Resp: 570578
Ion Ratio Lower Upper
91 100
126 28.4 14.9 44.5

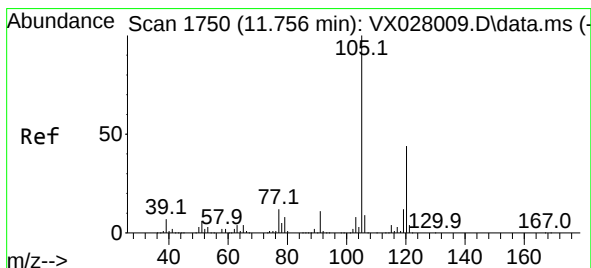
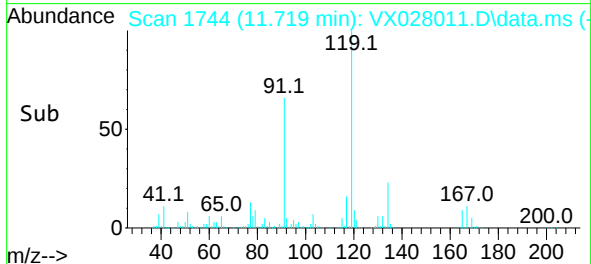
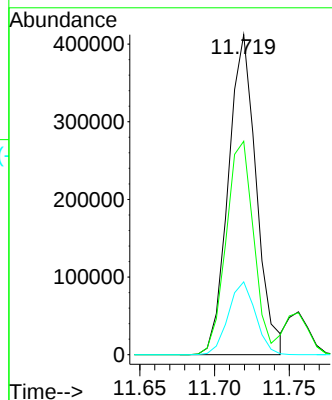
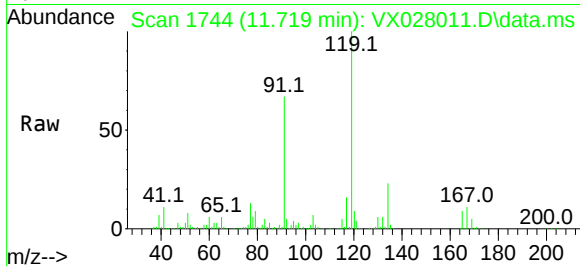




#83
tert-Butylbenzene
Concen: 156.017 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

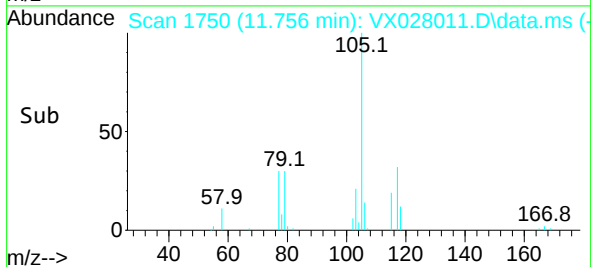
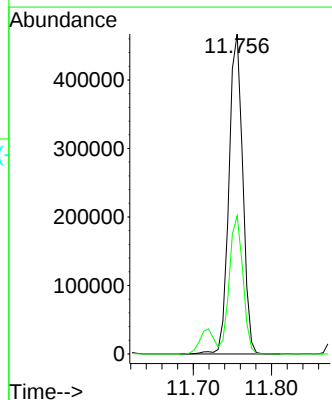
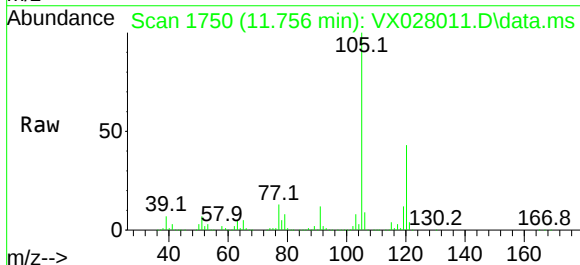
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

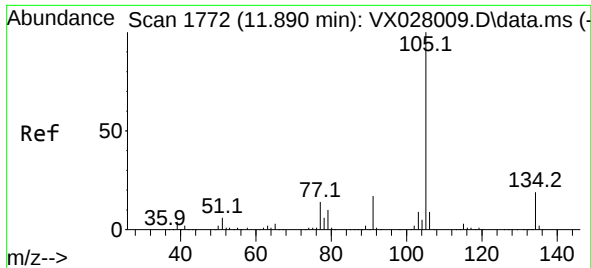
Tgt Ion:119 Resp: 535491
Ion Ratio Lower Upper
119 100
91 65.7 26.9 80.6
134 22.1 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 164.479 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion:105 Resp: 571418
Ion Ratio Lower Upper
105 100
120 42.7 22.6 67.8

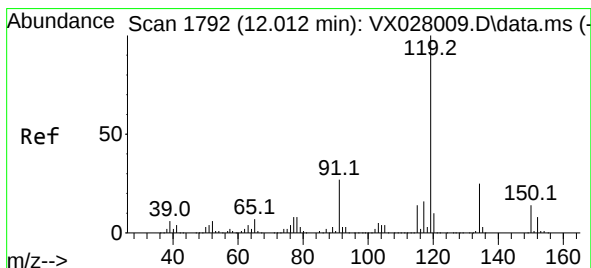
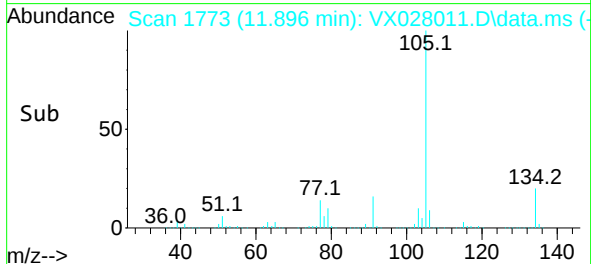
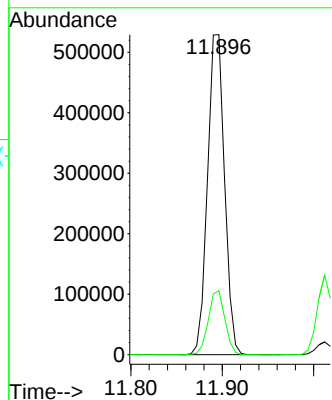
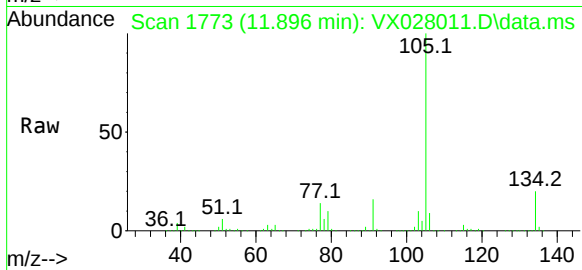




#85
 sec-Butylbenzene
 Concen: 162.146 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.006 min
 Lab File: VX028011.D
 Acq: 07 Apr 2022 14:55

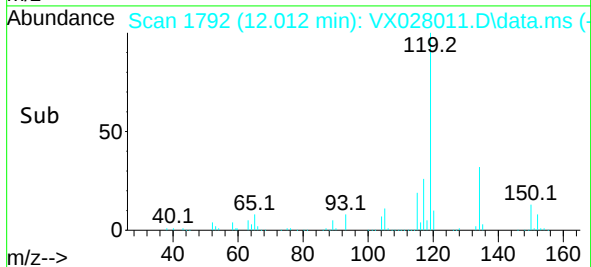
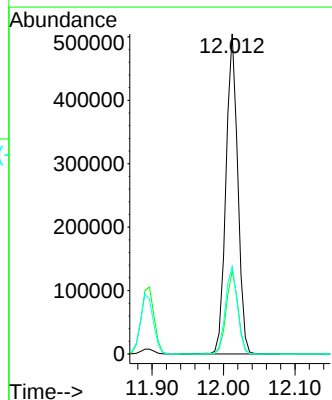
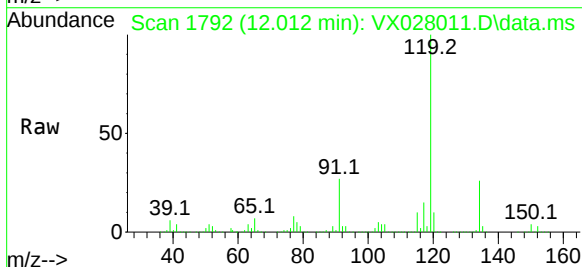
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

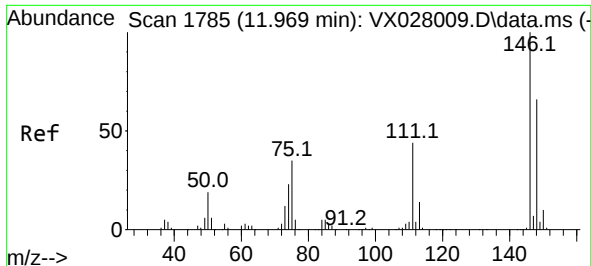
Tgt Ion:105 Resp: 682347
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 162.353 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028011.D
 Acq: 07 Apr 2022 14:55

Tgt Ion:119 Resp: 578304
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 27.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 151.301 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

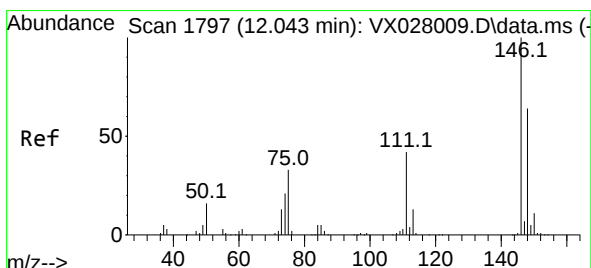
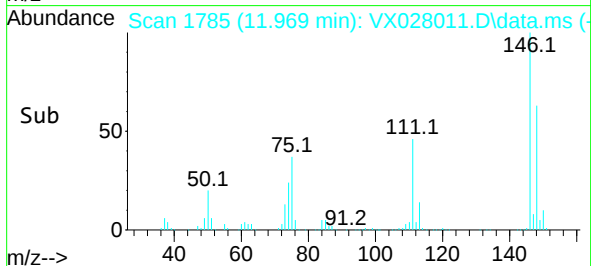
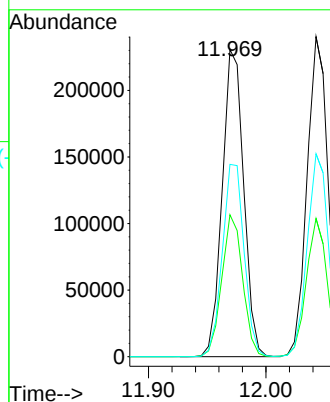
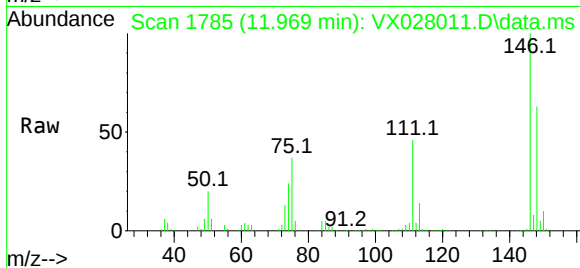
Tgt Ion:146 Resp: 292403

Ion Ratio Lower Upper

146 100

111 45.0 19.7 59.1

148 63.7 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 152.714 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

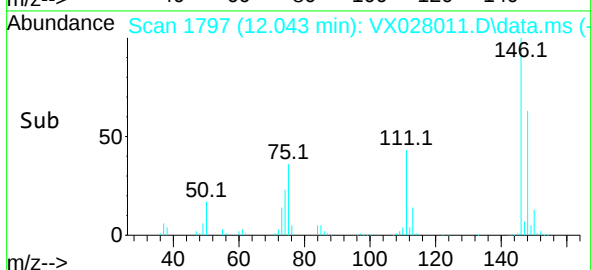
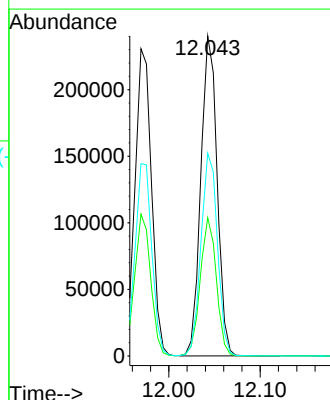
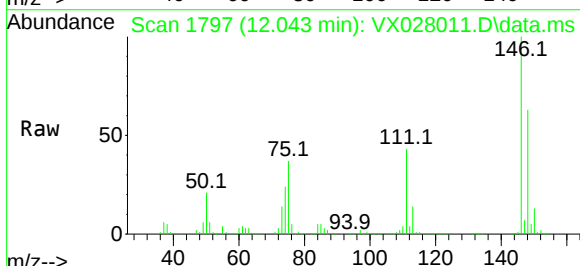
Tgt Ion:146 Resp: 297434

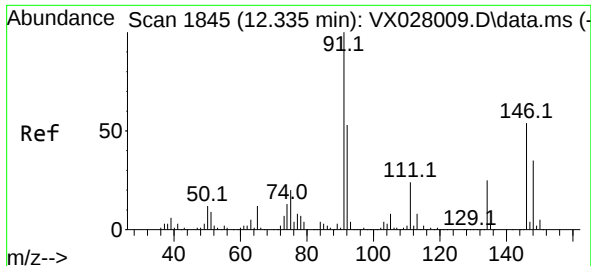
Ion Ratio Lower Upper

146 100

111 42.6 19.2 57.6

148 64.0 32.3 96.9

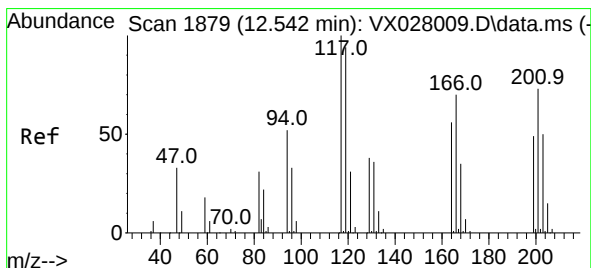
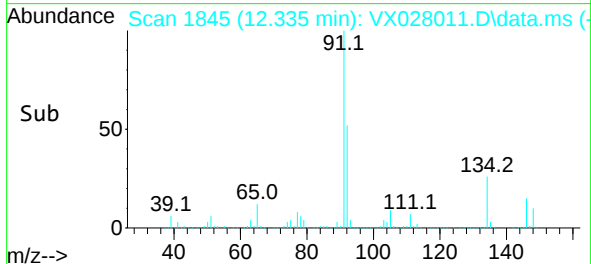
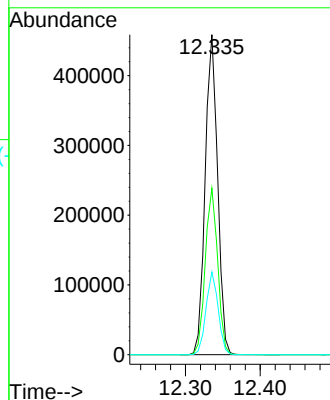
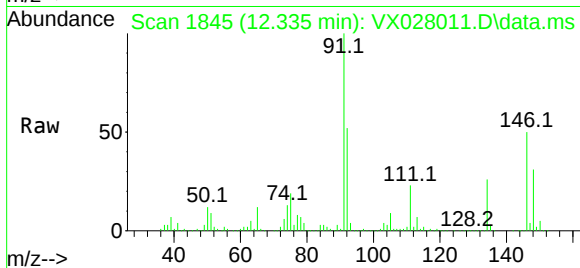




#89
n-Butylbenzene
Concen: 174.111 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

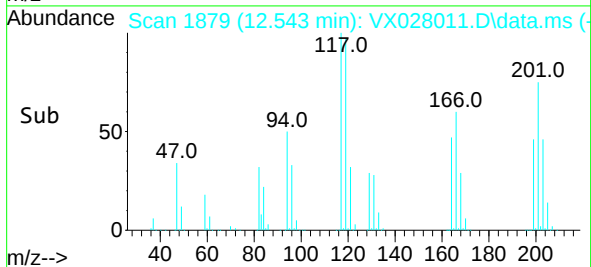
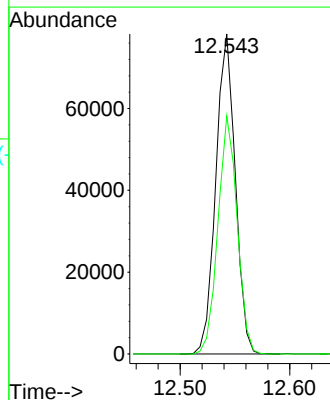
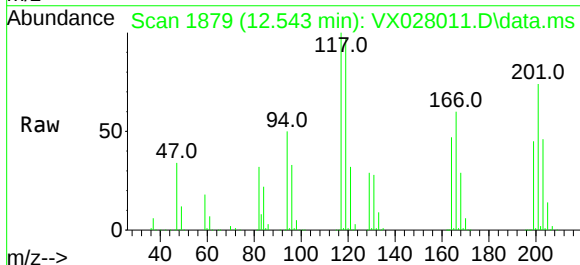
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

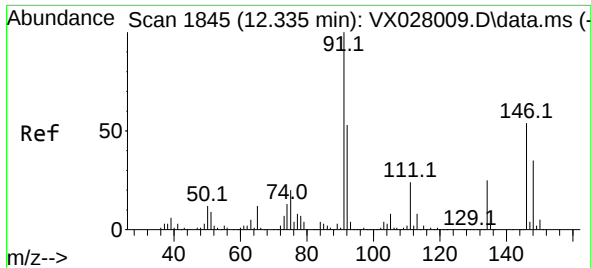
Tgt Ion: 91 Resp: 528588
Ion Ratio Lower Upper
91 100
92 52.0 27.8 83.3
134 25.3 13.3 39.8



#90
Hexachloroethane
Concen: 171.264 ug/l
RT: 12.543 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028011.D
Acq: 07 Apr 2022 14:55

Tgt Ion: 117 Resp: 96619
Ion Ratio Lower Upper
117 100
201 73.5 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 151.430 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

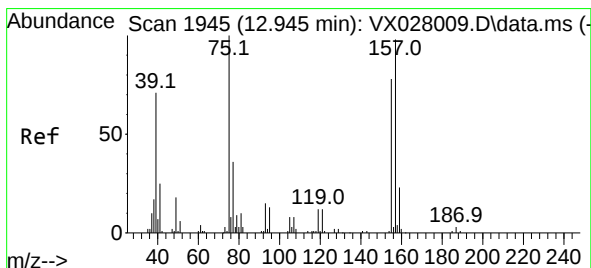
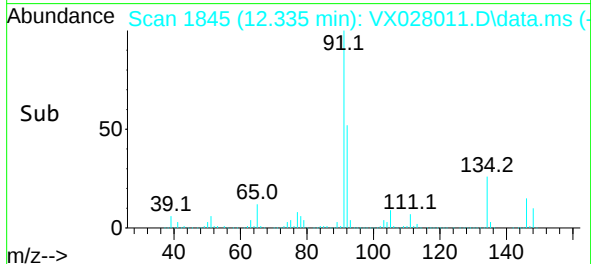
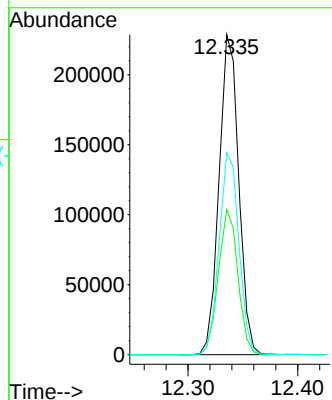
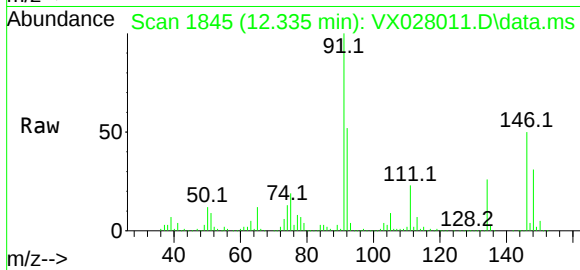
Tgt Ion:146 Resp: 284933

Ion Ratio Lower Upper

146 100

111 45.2 21.0 63.0

148 63.8 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 191.432 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

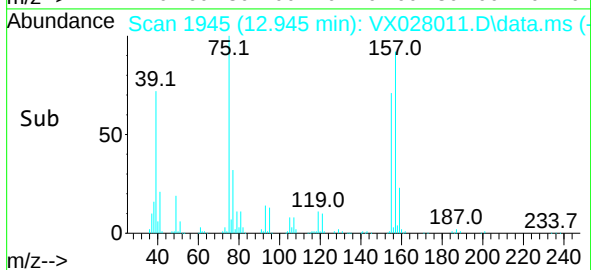
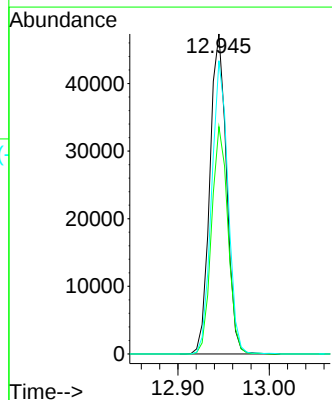
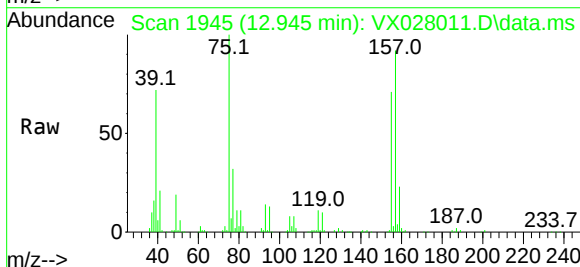
Tgt Ion: 75 Resp: 59762

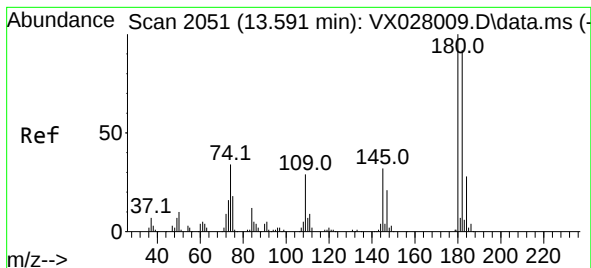
Ion Ratio Lower Upper

75 100

155 69.7 47.0 141.2

157 90.0 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 148.303 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

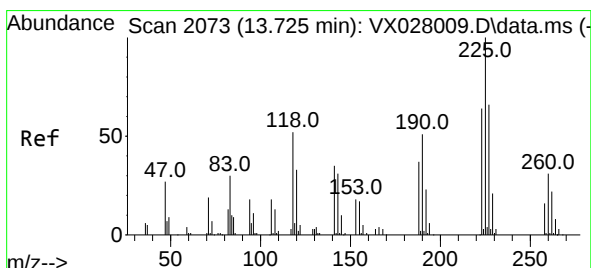
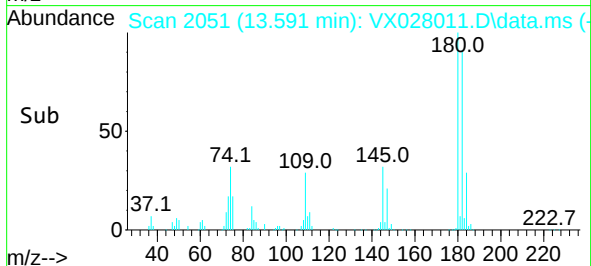
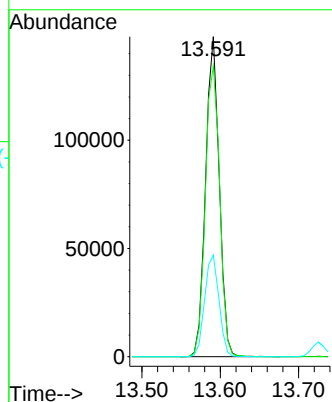
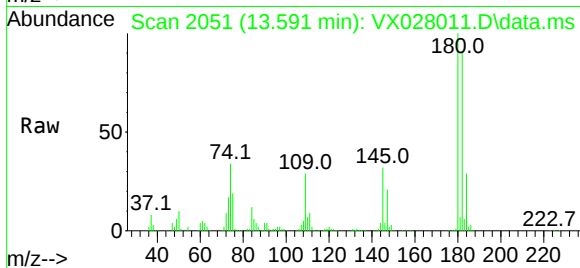
Tgt Ion:180 Resp: 178335

Ion Ratio Lower Upper

180 100

182 95.5 47.7 143.1

145 33.3 15.2 45.5



#94

Hexachlorobutadiene

Concen: 131.858 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

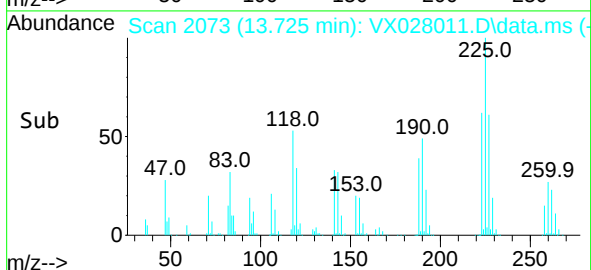
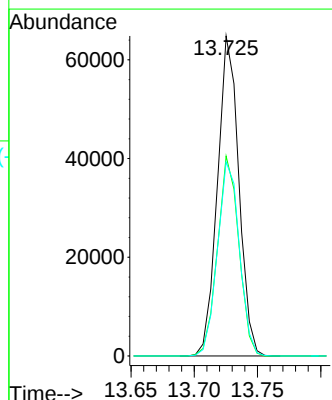
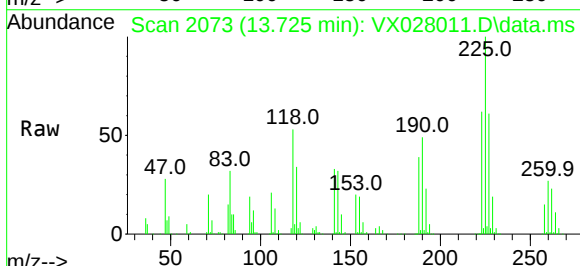
Tgt Ion:225 Resp: 75941

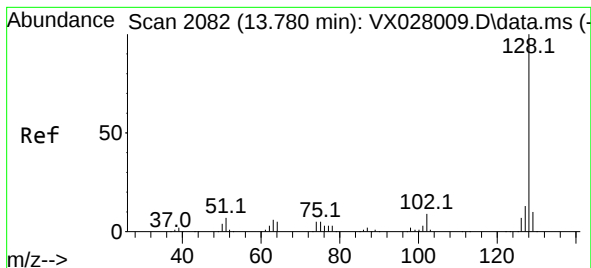
Ion Ratio Lower Upper

225 100

223 62.5 34.2 102.5

227 62.4 33.9 101.7





#95

Naphthalene

Concen: 156.447 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

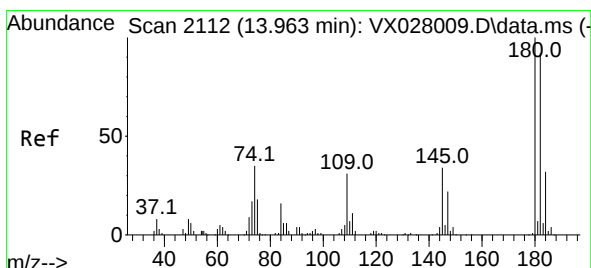
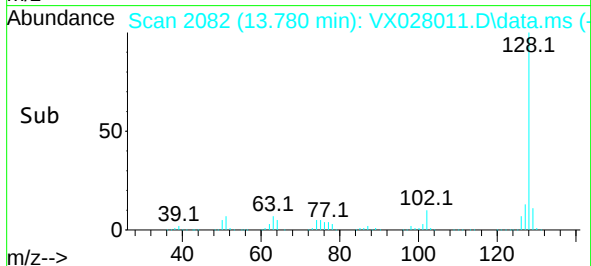
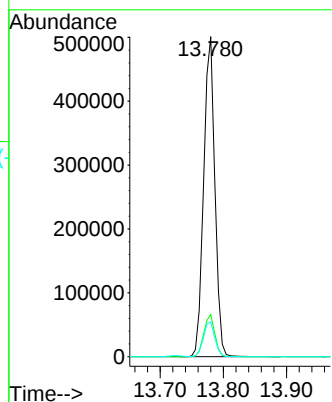
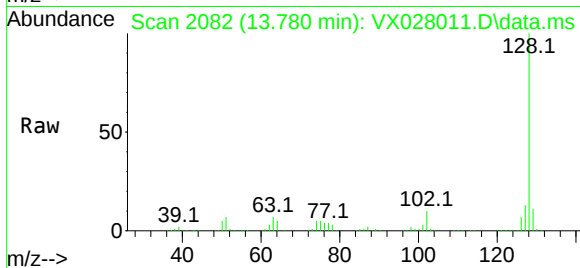
Tgt Ion:128 Resp: 617866

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 11.0 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 151.117 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX028011.D

Acq: 07 Apr 2022 14:55

Tgt Ion:180 Resp: 177961

Ion Ratio Lower Upper

180 100

182 96.6 50.0 149.8

145 35.1 16.2 48.5

