

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030075.D
 Acq On : 14 Jul 2022 20:52
 Operator : JC/MD
 Sample : N3718-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 220713036-03-VOA

Quant Time: Jul 15 04:20:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	170341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	301529	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99503	47.991	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.980%
35) Dibromofluoromethane	5.391	113	85828	44.556	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.120%
50) Toluene-d8	8.653	98	347537	47.972	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.940%
62) 4-Bromofluorobenzene	11.085	95	113922	45.313	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	23	Below Cal	#	42
4) Vinyl Chloride	1.367	62	496	0.252	ug/l	100
5) Bromomethane	1.605	94	172	0.205	ug/l #	74
8) Diethyl Ether	2.130	74	2522	2.394	ug/l	94
10) Methyl Iodide	2.453	142	258	2.552	ug/l #	65
11) Tert butyl alcohol	2.971	59	1870978	3496.426	ug/l	98
13) Acrolein	2.416	56	5510	51.701	ug/l #	23
14) Allyl chloride	2.648	41	12348	4.071	ug/l #	48
15) Acrylonitrile	2.977	53	18247	15.004	ug/l #	22
16) Acetone	2.386	43	20472	20.954	ug/l	100
17) Carbon Disulfide	2.507	76	1526	Below Cal		98
18) Methyl Acetate	2.977	43	208962	70.307	ug/l #	51
19) Methyl tert-butyl Ether	3.117	73	13993	2.551	ug/l #	89
20) Methylene Chloride	2.794	84	154	Below Cal	#	41
25) 2-Butanone	4.592	43	65603	39.420	ug/l #	73
26) 2,2-Dichloropropane	4.586	77	92603	40.073	ug/l #	49
27) cis-1,2-Dichloroethene	4.489	96	760	0.343	ug/l #	18
29) Tetrahydrofuran	5.013	42	407901	361.159	ug/l	99
31) Cyclohexane	5.562	56	3684	1.226	ug/l #	1
36) 1,1-Dichloropropene	5.684	75	679	0.273	ug/l #	54
37) Ethyl Acetate	4.690	43	3767	1.178	ug/l #	67
38) Carbon Tetrachloride	5.562	117	16258	7.007	ug/l #	18
40) Benzene	6.043	78	16492	2.106	ug/l #	88
41) Methacrylonitrile	5.013	41	222159	129.049	ug/l #	43
42) 1,2-Dichloroethane	6.098	62	671	0.276	ug/l	82
43) Isopropyl Acetate	6.336	43	2067	0.430	ug/l #	73
49) 1,4-Dioxane	7.677	88	5418	94.008	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	36734	11.546	ug/l	97
52) Toluene	8.720	92	9283	1.867	ug/l	99
53) t-1,3-Dichloropropene	9.000	75	639	0.242	ug/l #	74
55) 1,1,2-Trichloroethane	9.079	97	533	0.260	ug/l #	15
59) 2-Hexanone	9.543	43	3040	1.246	ug/l	98
64) Tetrachloroethene	9.281	164	1406	0.667	ug/l #	69
65) Chlorobenzene	10.085	112	6702	1.281	ug/l	92
67) Ethyl Benzene	10.195	91	16862	1.901	ug/l	100
68) m/p-Xylenes	10.305	106	15749	4.528	ug/l	99

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

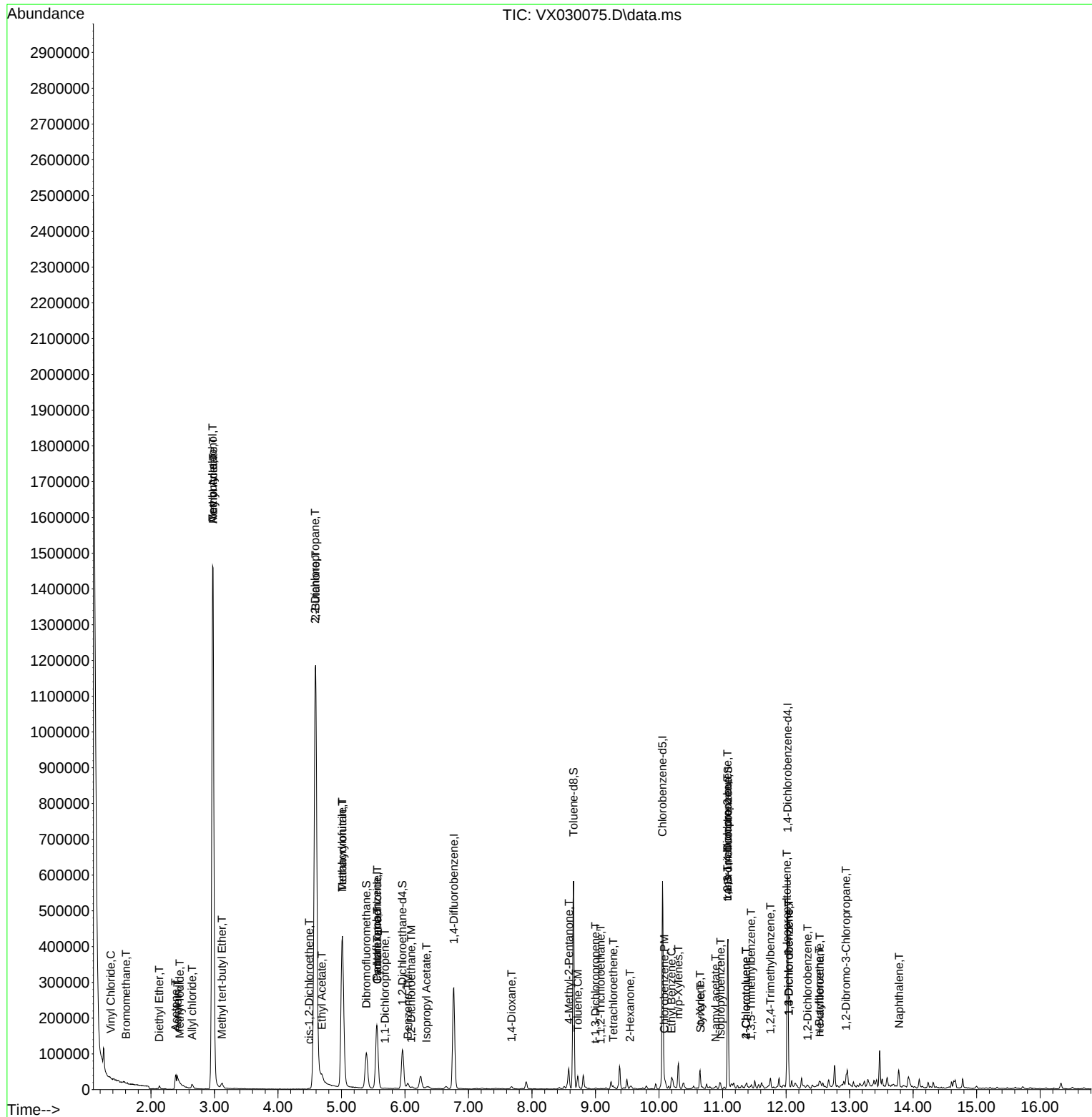
69) o-Xylene	10.646	106	11009	3.161	ug/l	98
70) Styrene	10.652	104	1772	0.307	ug/l #	1
73) Isopropylbenzene	10.969	105	6523	0.801	ug/l	91
74) N-amyl acetate	10.890	43	3335	0.933	ug/l #	57
76) 1,2,3-Trichloropropane	11.079	75	55495	20.647	ug/l #	38
79) 2-Chlorotoluene	11.372	91	1960	0.339	ug/l	81
80) 1,3,5-Trimethylbenzene	11.451	105	3834	0.559	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	55495	59.587	ug/l #	13
82) 4-Chlorotoluene	11.372	91	1960	0.302	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	11286	1.664	ug/l	92
86) p-Isopropyltoluene	12.012	119	4176	0.599	ug/l #	80
87) 1,3-Dichlorobenzene	12.042	146	12210	3.245	ug/l	88
88) 1,4-Dichlorobenzene	12.042	146	12210	3.162	ug/l	89
89) n-Butylbenzene	12.524	91	1779	0.285	ug/l	72
90) Hexachloroethane	12.530	117	380	0.319	ug/l #	16
91) 1,2-Dichlorobenzene	12.341	146	957	0.250	ug/l #	78
92) 1,2-Dibromo-3-Chloropr...	12.945	75	823	1.227	ug/l #	1
95) Naphthalene	13.780	128	12985	1.393	ug/l	98

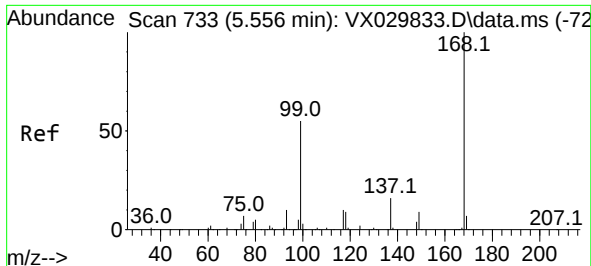
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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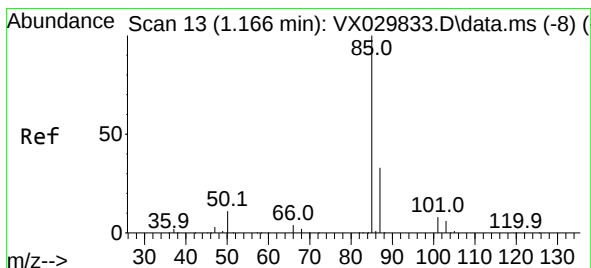
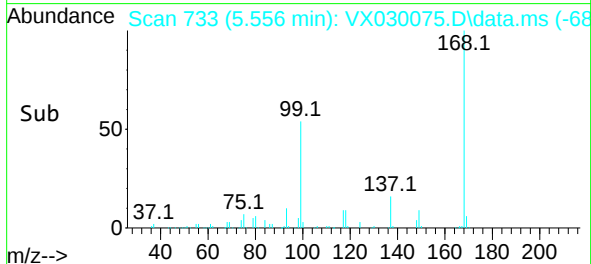
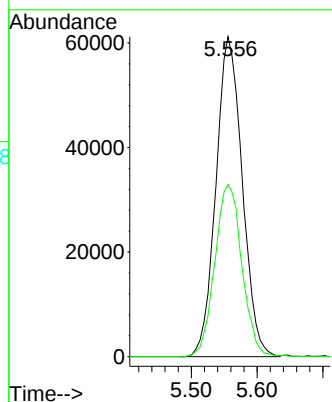
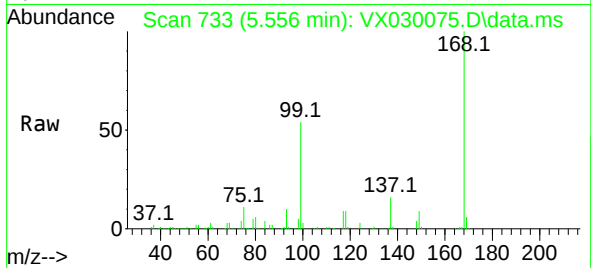




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

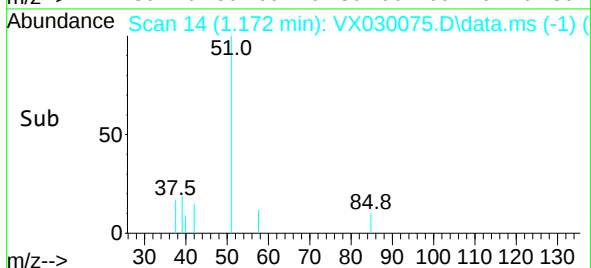
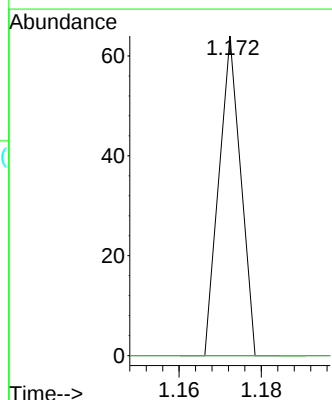
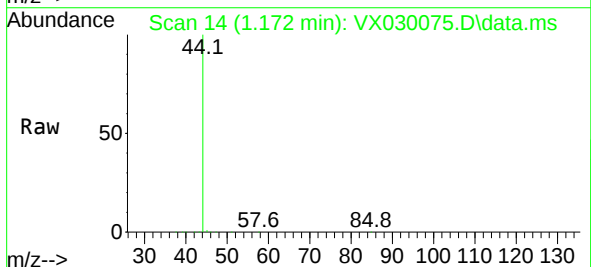
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ClientSampleId :
220713036-03-VOA

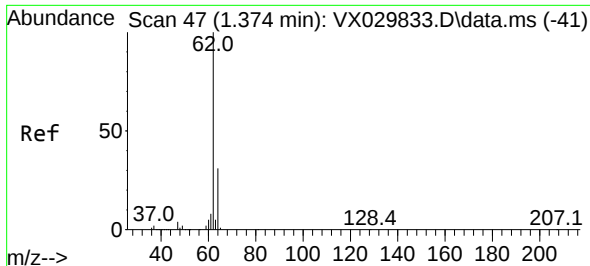
Tgt Ion:168 Resp: 170341
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

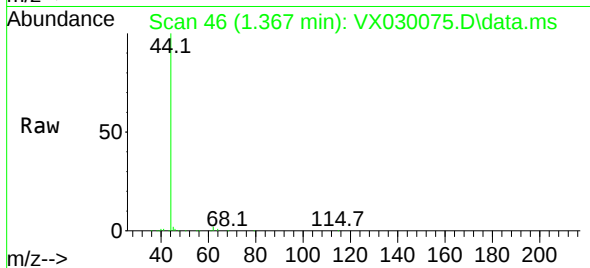
Tgt Ion: 85 Resp: 23
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#



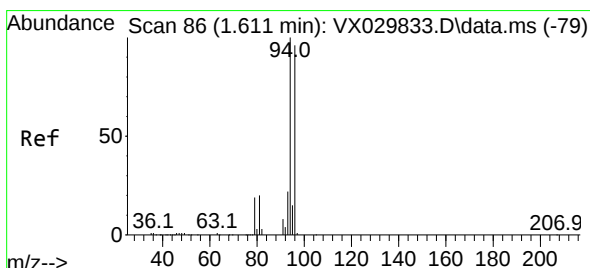
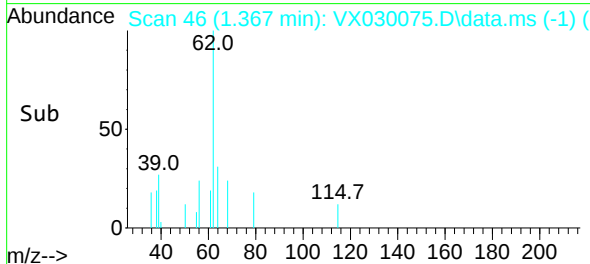
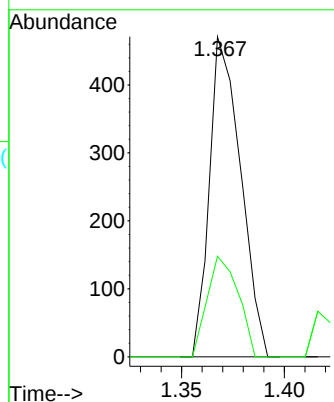


#4
 Vinyl Chloride
 Concen: 0.252 ug/l
 RT: 1.367 min Scan# 41
 Delta R.T. -0.007 min
 Lab File: VX030075.D
 Acq: 14 Jul 2022 20:52

Instrument :
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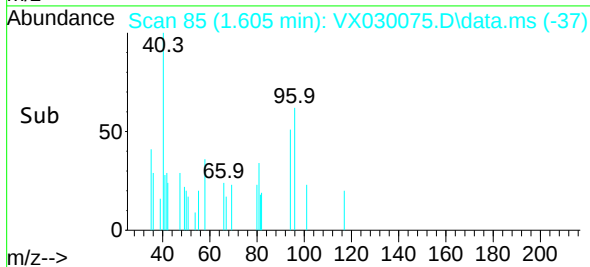
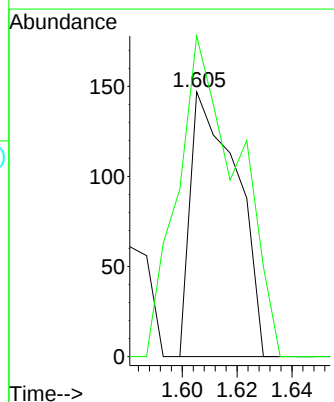
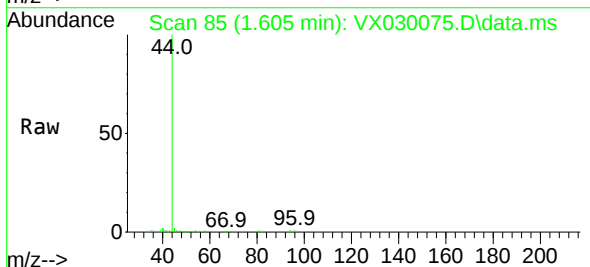


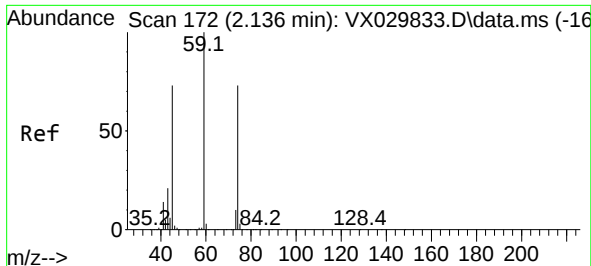
Tgt Ion: 62 Resp: 496
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.2 37.8



#5
 Bromomethane
 Concen: 0.205 ug/l
 RT: 1.605 min Scan# 85
 Delta R.T. -0.006 min
 Lab File: VX030075.D
 Acq: 14 Jul 2022 20:52

Tgt Ion: 94 Resp: 172
 Ion Ratio Lower Upper
 94 100
 96 121.1 76.9 115.3#

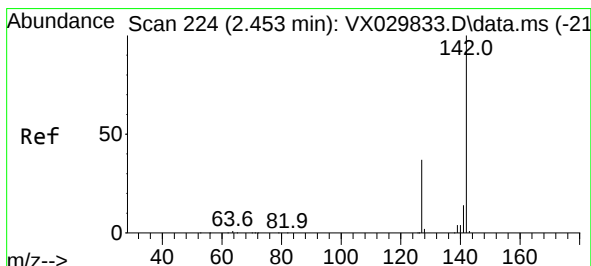
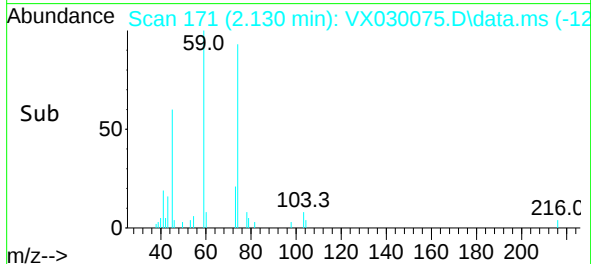
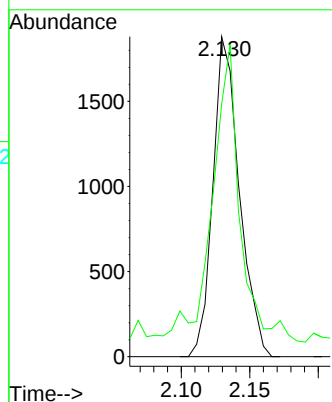
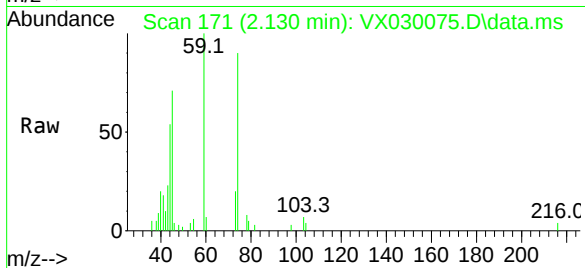




#8
Diethyl Ether
Concen: 2.394 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

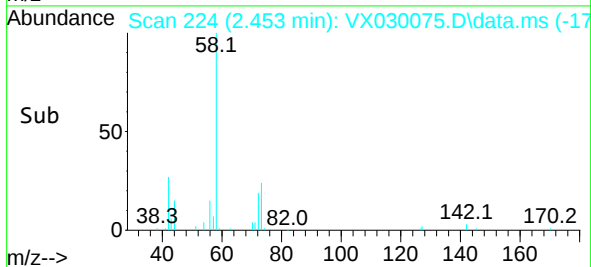
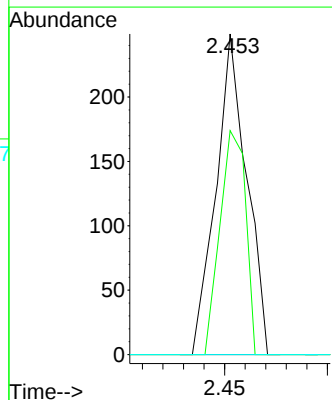
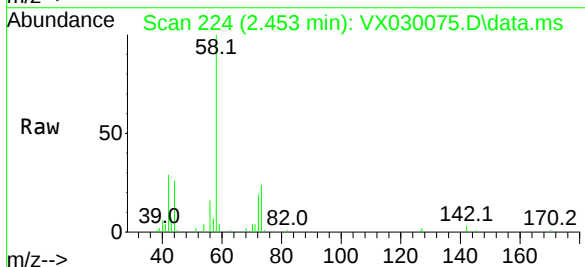
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

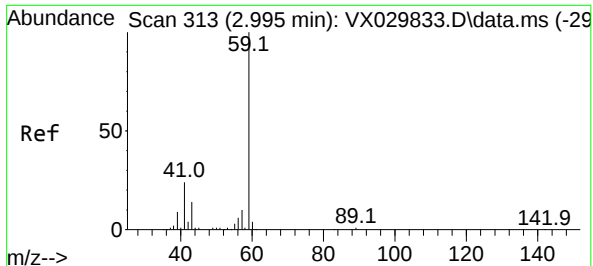
Tgt Ion: 74 Resp: 2522
Ion Ratio Lower Upper
74 100
45 96.7 51.5 154.7



#10
Methyl Iodide
Concen: 2.552 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion:142 Resp: 258
Ion Ratio Lower Upper
142 100
127 58.5 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 3496.426 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.024 min

Lab File: VX030075.D

Acq: 14 Jul 2022 20:52

Instrument :

MSVOA_X

ClientSampleId :

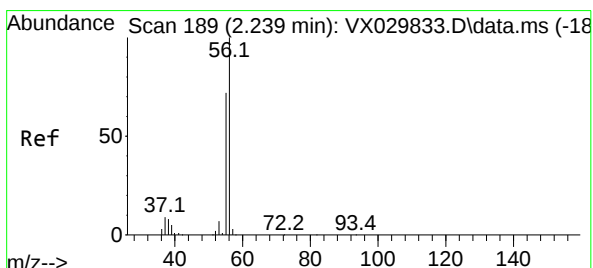
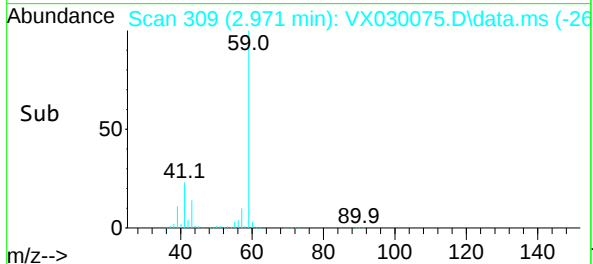
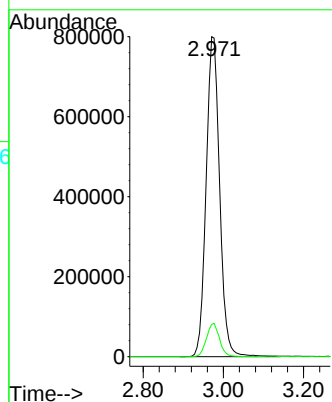
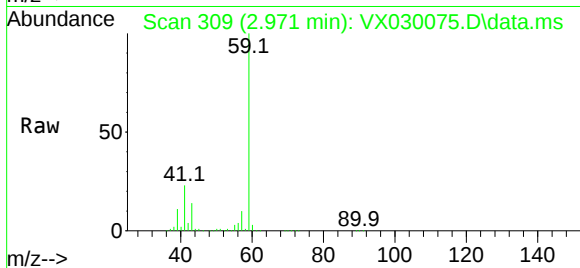
220713036-03-VOA

Tgt Ion: 59 Resp: 1870978

Ion Ratio Lower Upper

59 100

57 10.1 7.4 11.2



#13

Acrolein

Concen: 51.701 ug/l

RT: 2.416 min Scan# 218

Delta R.T. 0.177 min

Lab File: VX030075.D

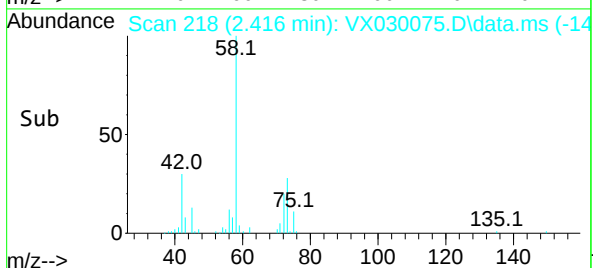
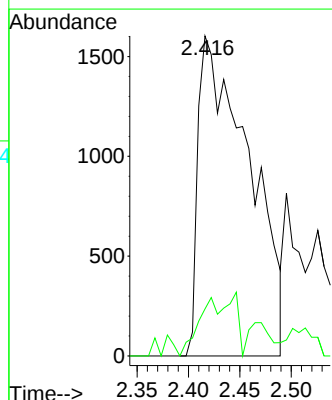
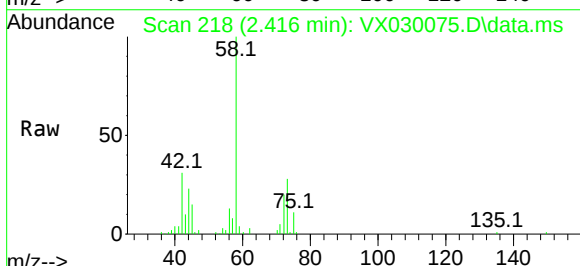
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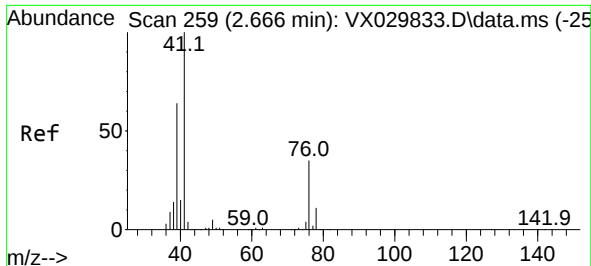
Tgt Ion: 56 Resp: 5510

Ion Ratio Lower Upper

56 100

55 7.1 56.6 84.8#

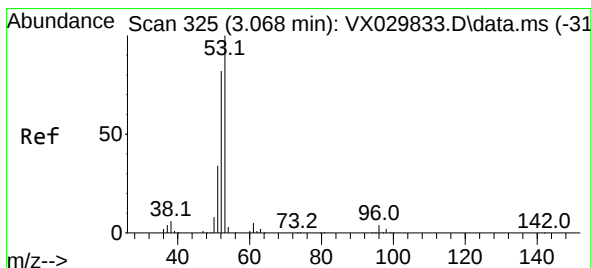
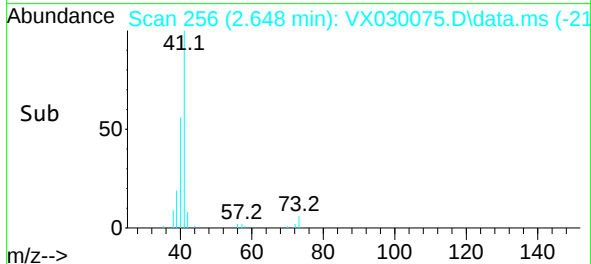
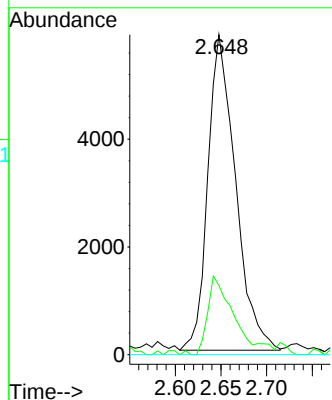
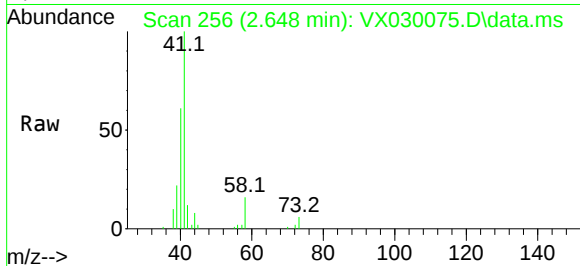




#14
 Allyl chloride
 Concen: 4.071 ug/l
 RT: 2.648 min Scan# 21
 Delta R.T. -0.018 min
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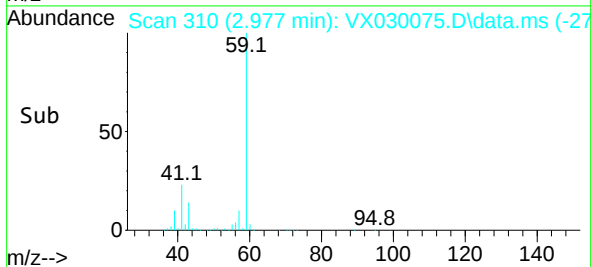
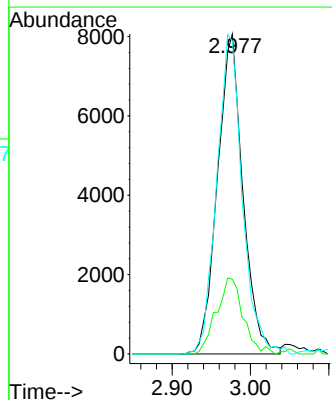
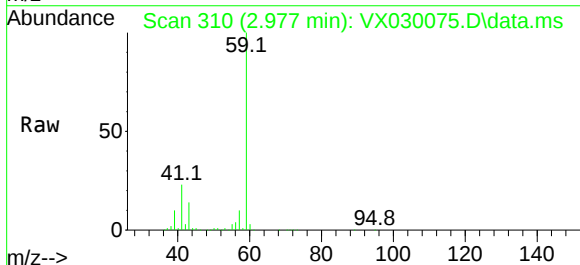
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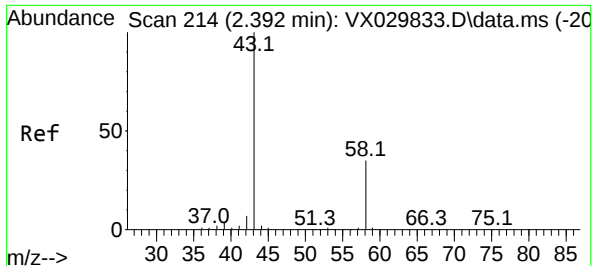
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 Ion Ratio Lower Upper
 41 100
 39 23.9 48.9 73.3#
 76 0.0 26.9 40.3#



#15
 Acrylonitrile
 Concen: 15.004 ug/l
 RT: 2.977 min Scan# 310
 Delta R.T. -0.091 min
 Lab File: VX030075.D
 Acq: 14 Jul 2022 20:52

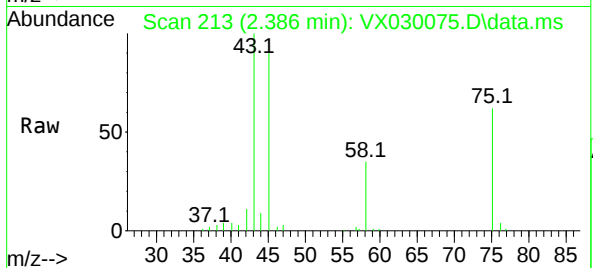
Tgt Ion: 53 Resp: 18247
 Ion Ratio Lower Upper
 53 100
 52 24.9 65.4 98.0#
 51 100.1 27.7 41.5#



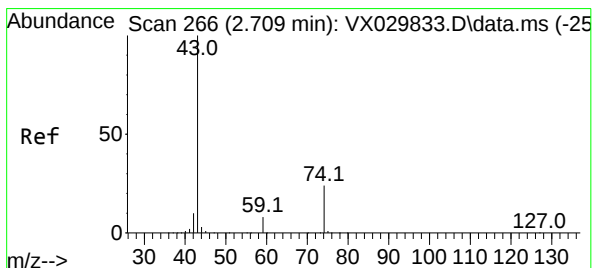
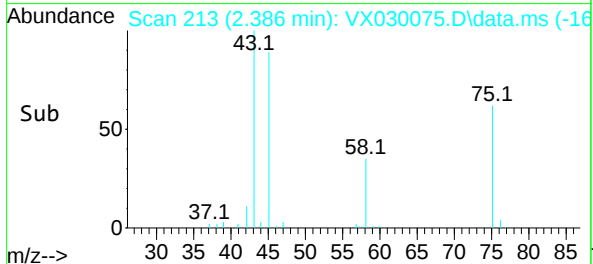
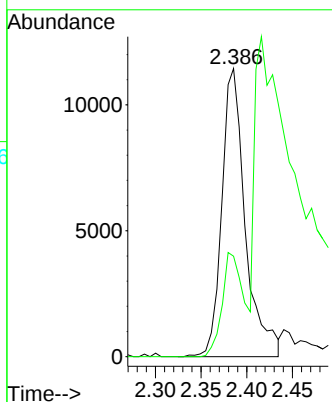


#16
Acetone
Concen: 20.954 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
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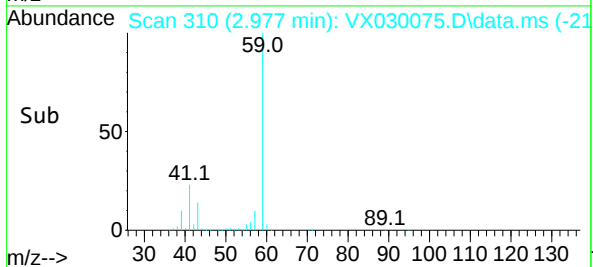
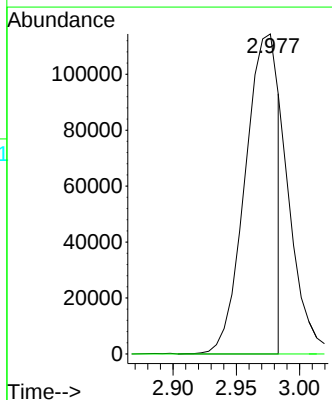
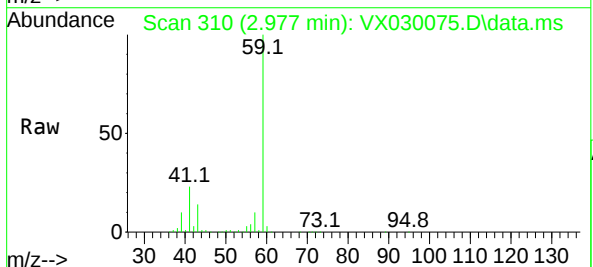


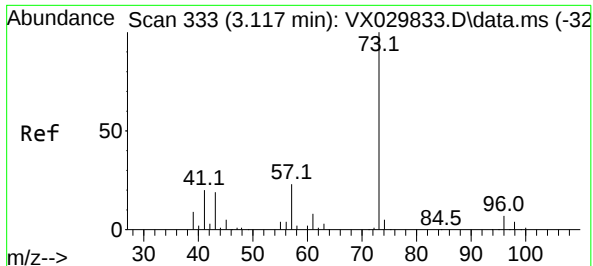
Tgt Ion: 43 Resp: 20472
Ion Ratio Lower Upper
43 100
58 34.9 27.7 41.5



#18
Methyl Acetate
Concen: 70.307 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.268 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 43 Resp: 208962
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

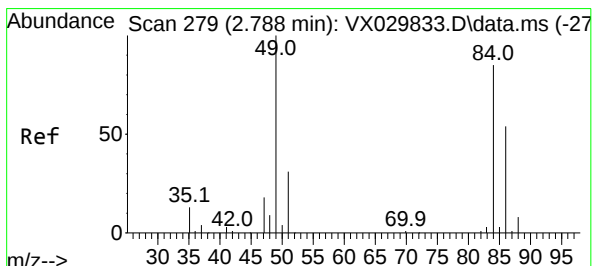
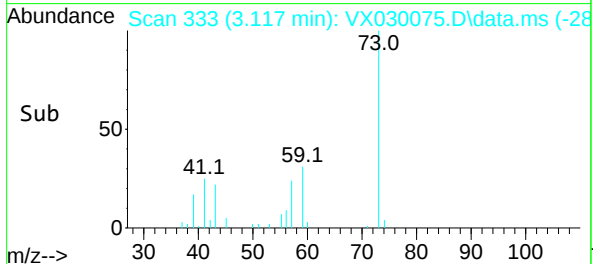
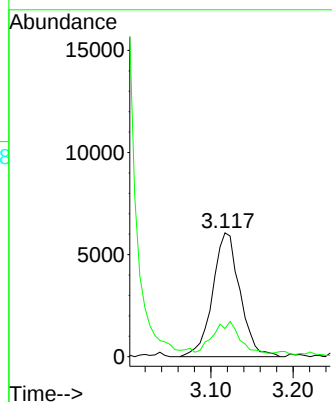
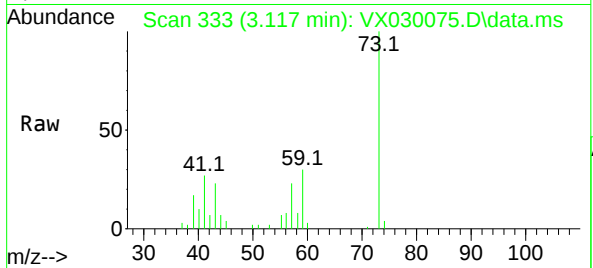




#19
Methyl tert-butyl Ether
Concen: 2.551 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

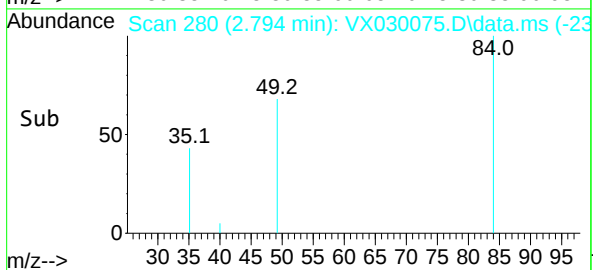
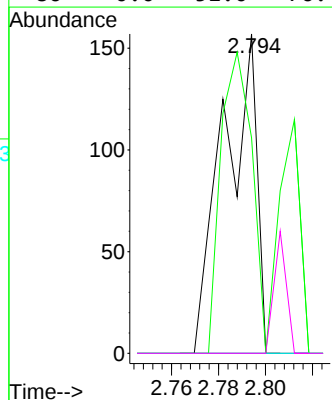
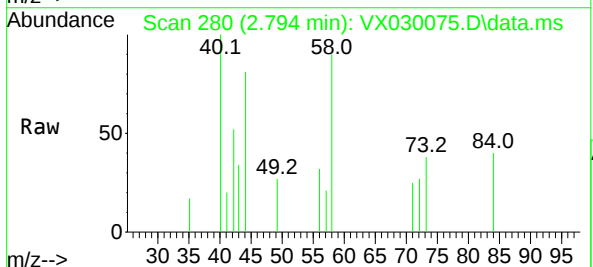
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

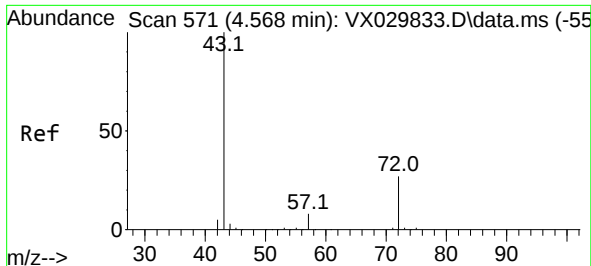
Tgt Ion: 73 Resp: 13993
Ion Ratio Lower Upper
73 100
57 18.6 19.0 28.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 84 Resp: 154
Ion Ratio Lower Upper
84 100
49 67.5 93.8 140.6#
51 0.0 29.4 44.0#
86 0.0 51.0 76.4#

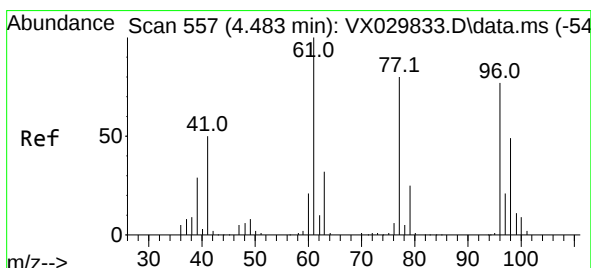
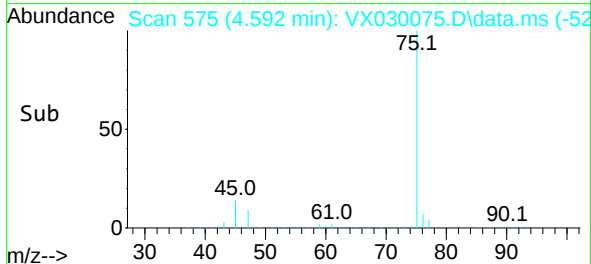
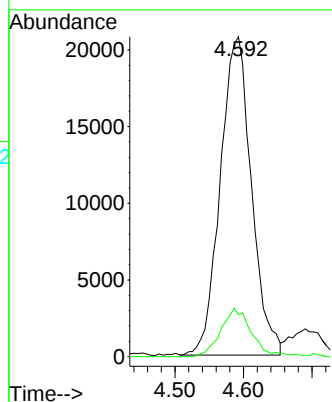
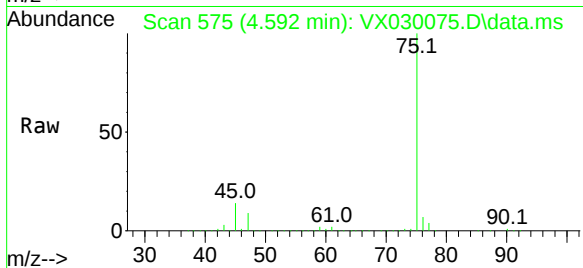




#25
2-Butanone
Concen: 39.420 ug/l
RT: 4.592 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

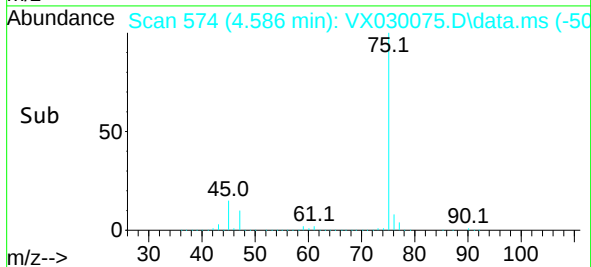
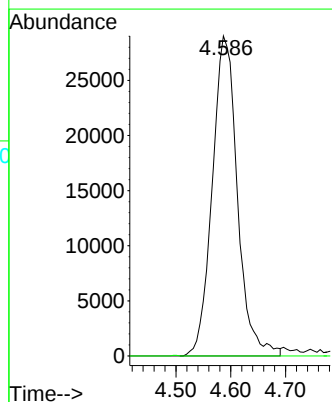
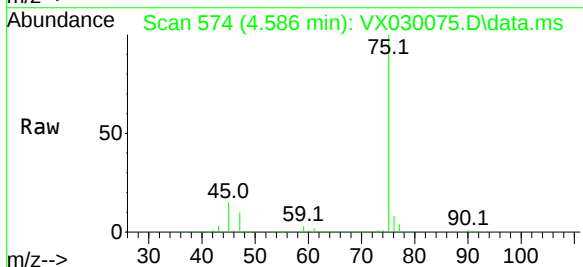
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

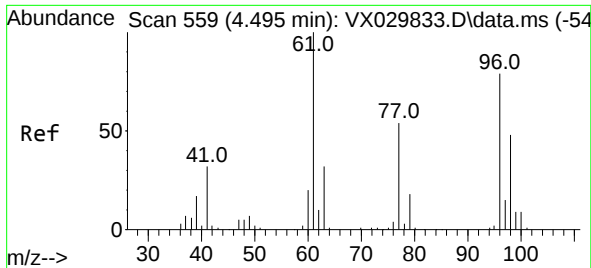
Tgt Ion: 43 Resp: 65603
Ion Ratio Lower Upper
43 100
72 13.2 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 40.073 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.103 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 77 Resp: 92603
Ion Ratio Lower Upper
77 100
97 0.0 13.0 39.0#





#27

cis-1,2-Dichloroethene

Concen: 0.343 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030075.D

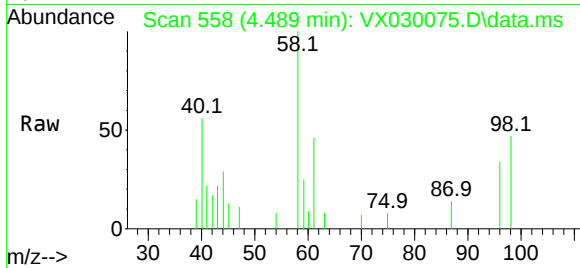
Acq: 14 Jul 2022 20:52

Instrument :

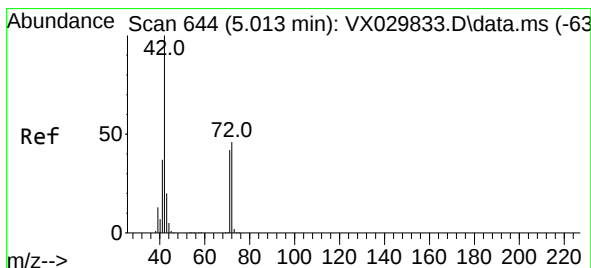
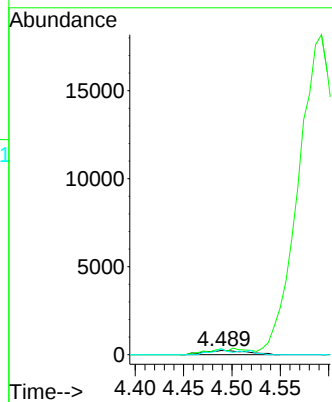
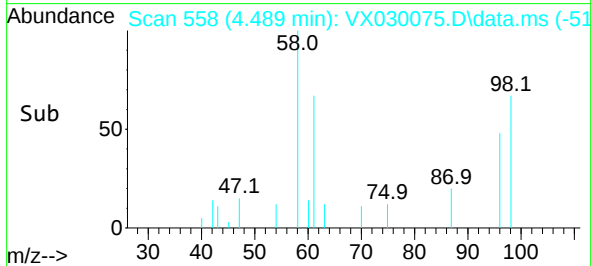
MSVOA_X

ClientSampleId :

220713036-03-VOA



Tgt Ion: 96	Resp:	760
Ion Ratio	Lower	Upper
96	100	
61	0.0	270.0
98	52.5	127.8



#29

Tetrahydrofuran

Concen: 361.159 ug/l

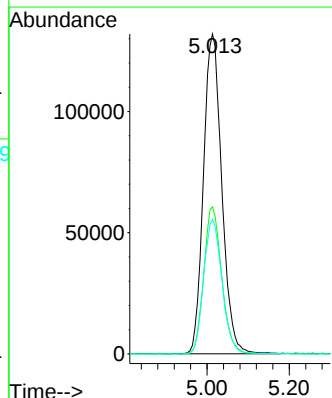
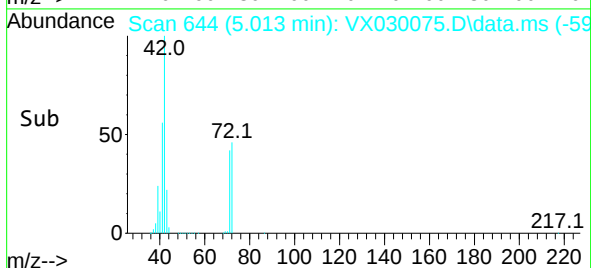
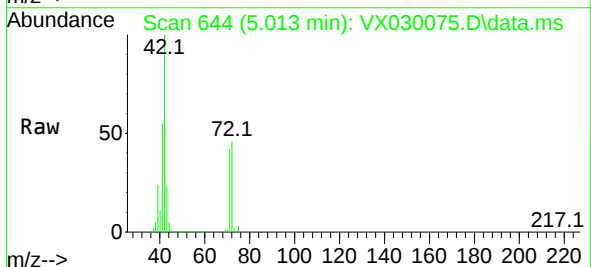
RT: 5.013 min Scan# 644

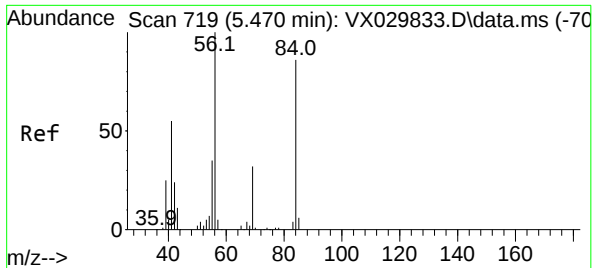
Delta R.T. 0.000 min

Lab File: VX030075.D

Acq: 14 Jul 2022 20:52

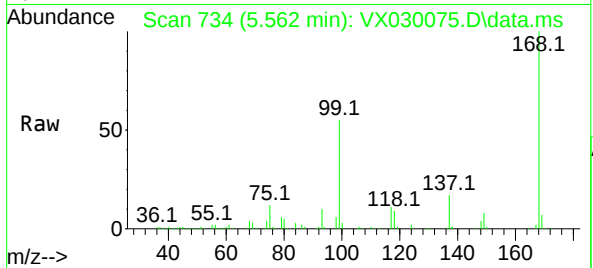
Tgt Ion: 42	Resp:	407901
Ion Ratio	Lower	Upper
42	100	
72	45.0	54.7
71	42.1	50.9



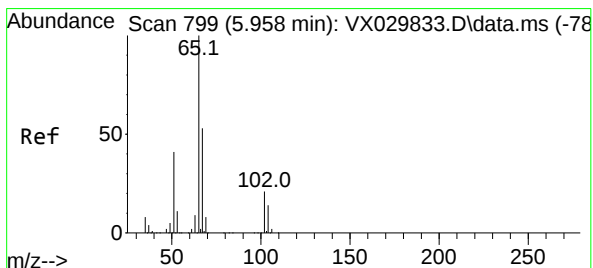
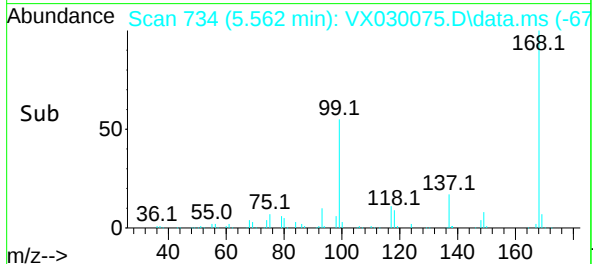
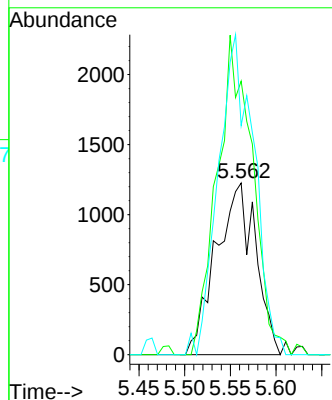


#31
Cyclohexane
Concen: 1.226 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

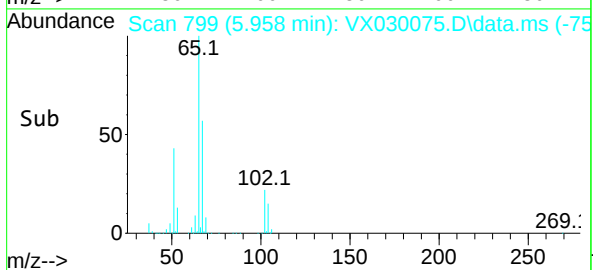
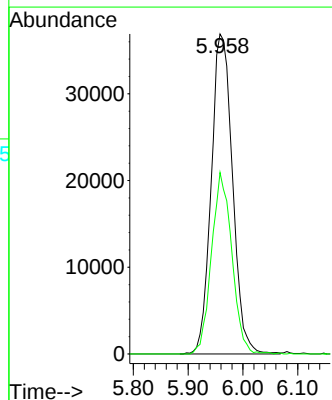
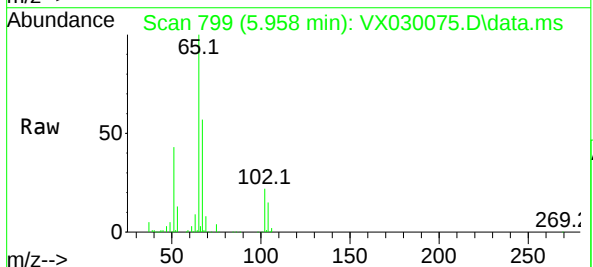


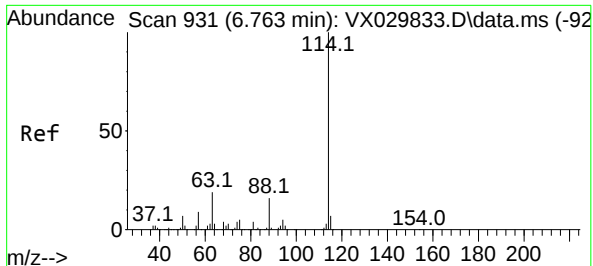
Tgt Ion: 56 Resp: 3684
Ion Ratio Lower Upper
56 100
69 159.4 25.4 38.0#
84 133.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.991 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 65 Resp: 99503
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

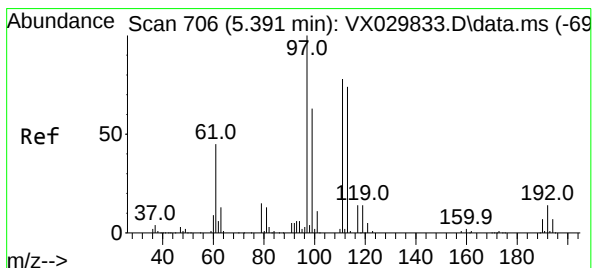
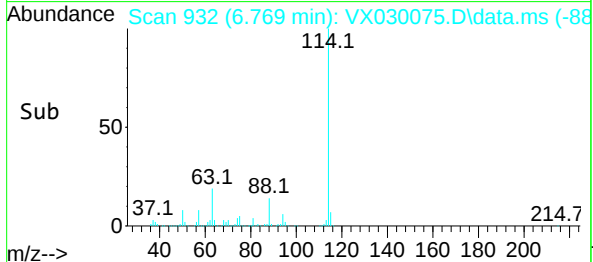
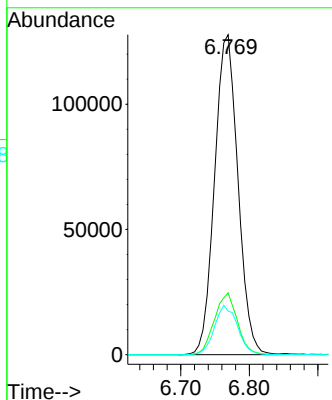
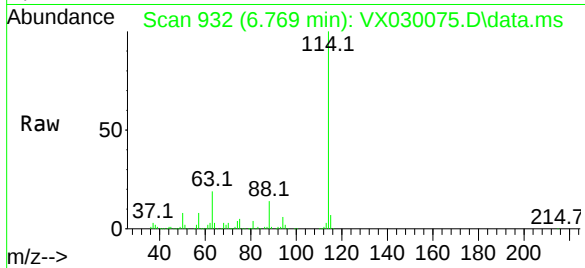




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

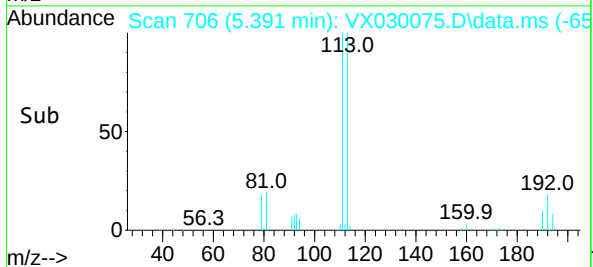
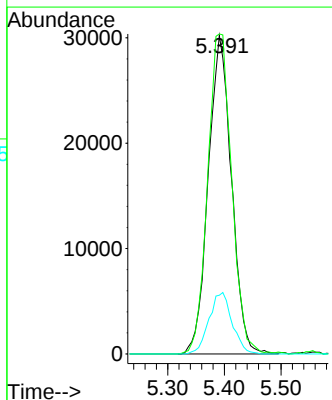
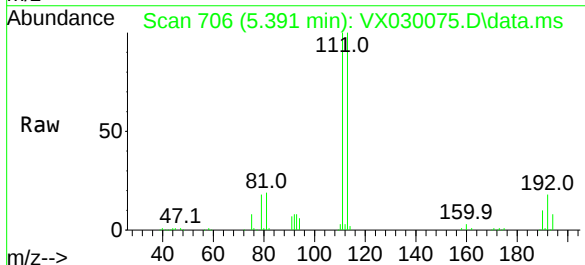
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

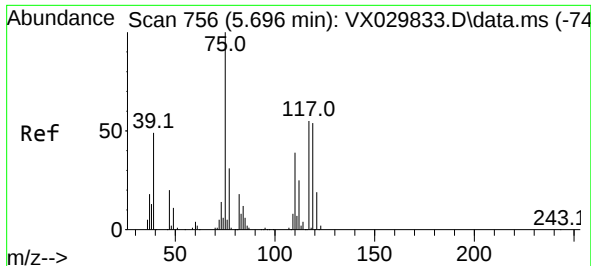
Tgt Ion:114 Resp: 301529
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.4
88 13.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 44.556 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion:113 Resp: 85828
Ion Ratio Lower Upper
113 100
111 104.1 83.2 124.8
192 19.2 14.8 22.2

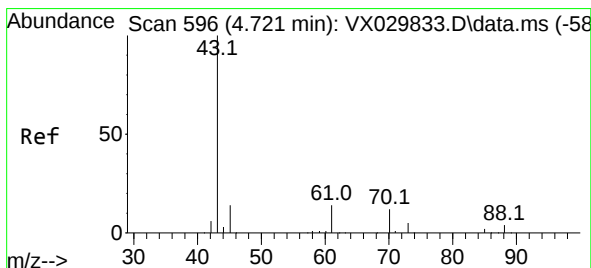
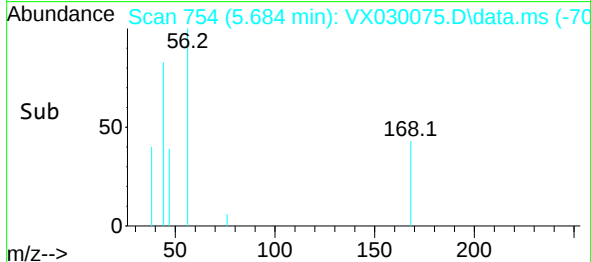
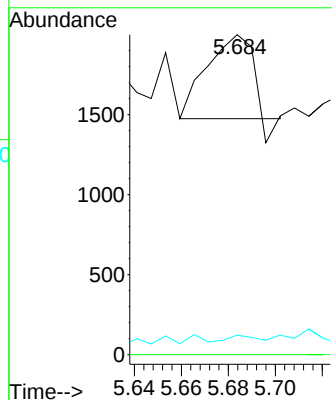
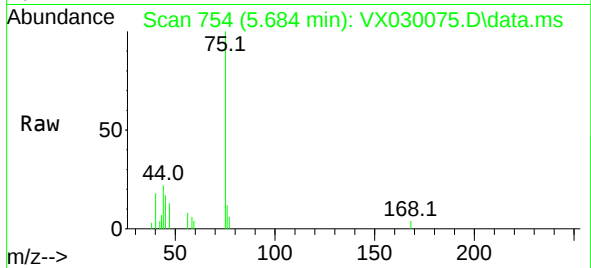




#36
1,1-Dichloropropene
Concen: 0.273 ug/l
RT: 5.684 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

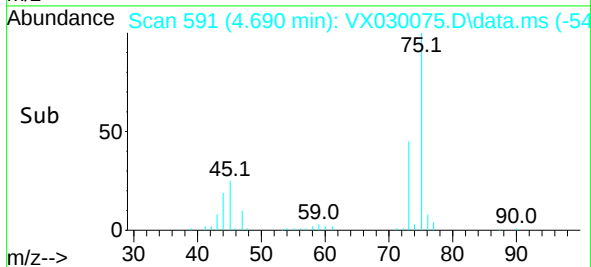
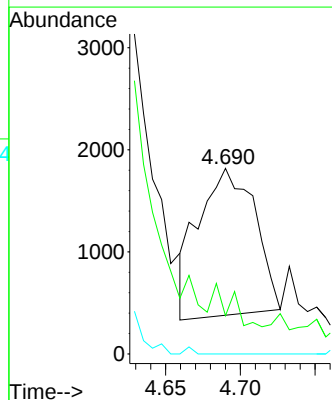
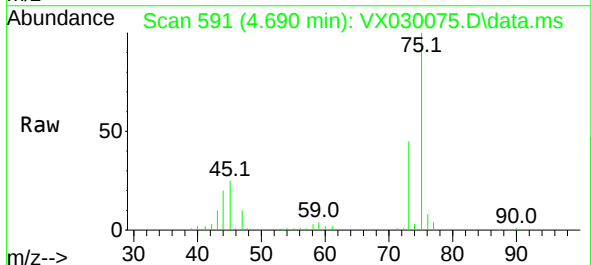
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

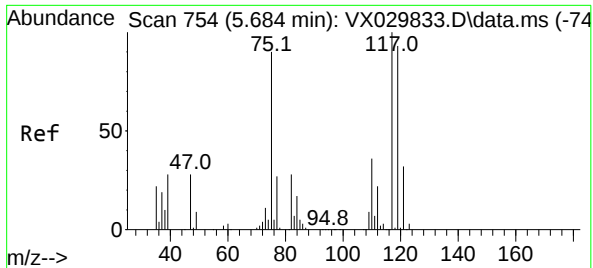
Tgt Ion: 75 Resp: 679
Ion Ratio Lower Upper
75 100
110 0.0 19.3 57.9#
77 17.2 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.178 ug/l
RT: 4.690 min Scan# 591
Delta R.T. -0.031 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

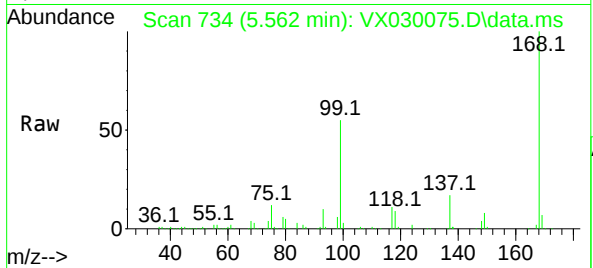
Tgt Ion: 43 Resp: 3767
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 9.3 13.9#



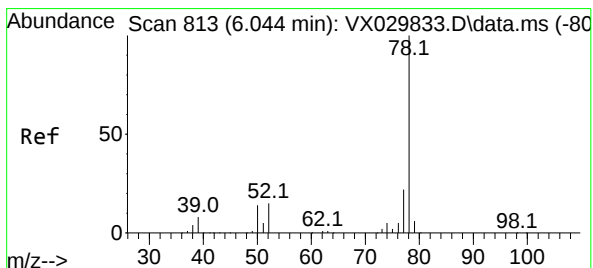
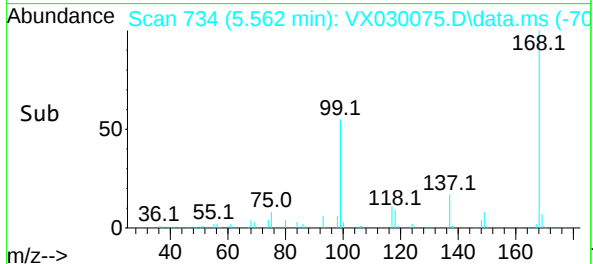
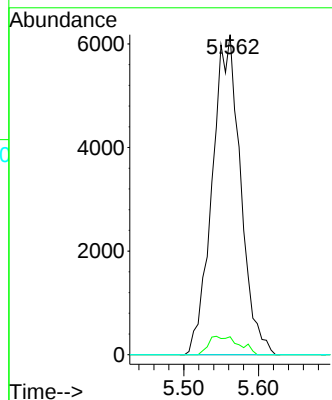


#38
Carbon Tetrachloride
Concen: 7.007 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

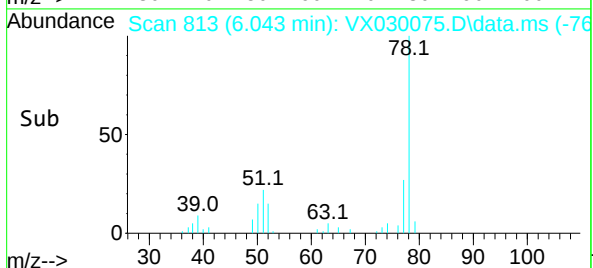
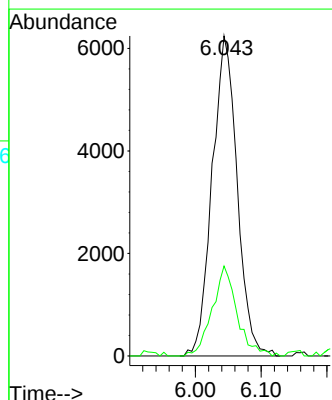
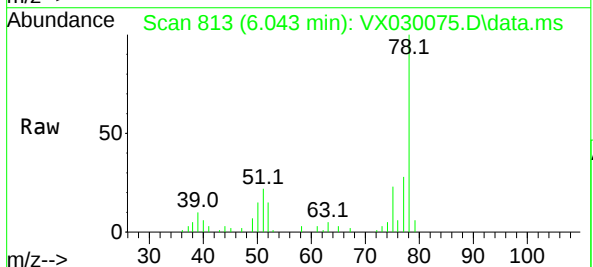


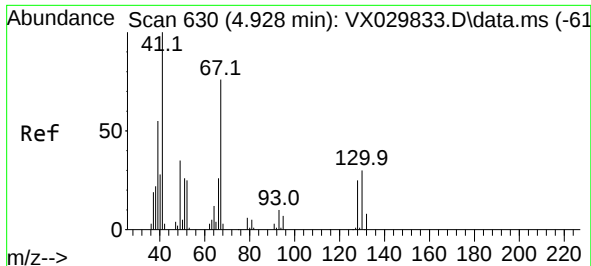
Tgt Ion:117 Resp: 16258
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.8 38.8#



#40
Benzene
Concen: 2.106 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 78 Resp: 16492
Ion Ratio Lower Upper
78 100
77 28.1 18.0 27.0#

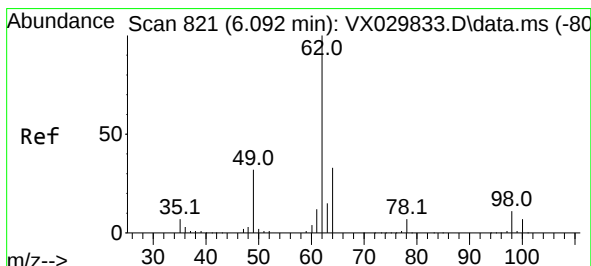
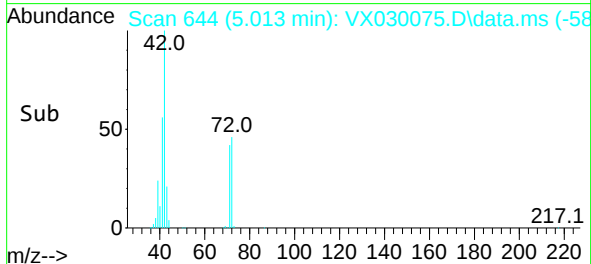
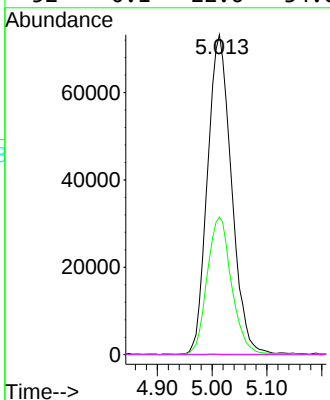
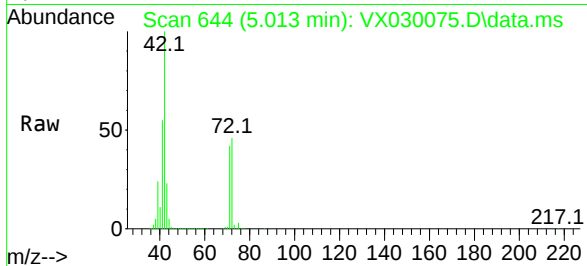




#41
Methacrylonitrile
Concen: 129.049 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.085 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

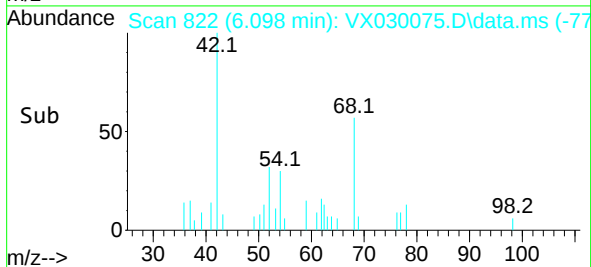
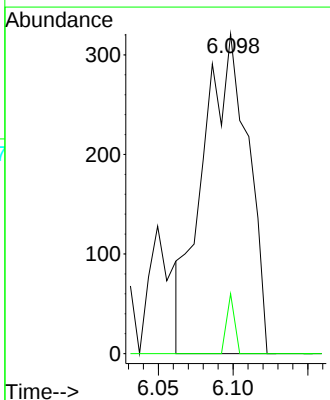
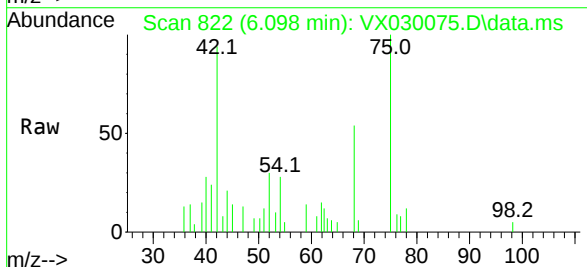
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

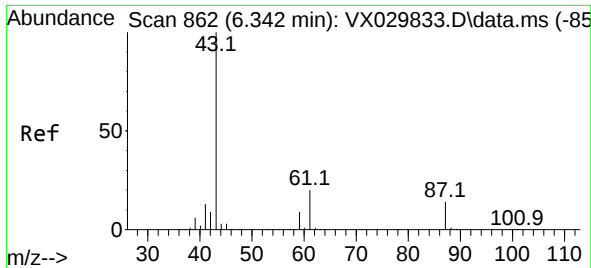
Tgt Ion: 41 Resp: 222159
Ion Ratio Lower Upper
41 100
39 43.6 42.9 64.3
67 0.0 60.1 90.1#
52 0.1 22.6 34.0#



#42
1,2-Dichloroethane
Concen: 0.276 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 62 Resp: 671
Ion Ratio Lower Upper
62 100
98 3.3 0.0 20.2

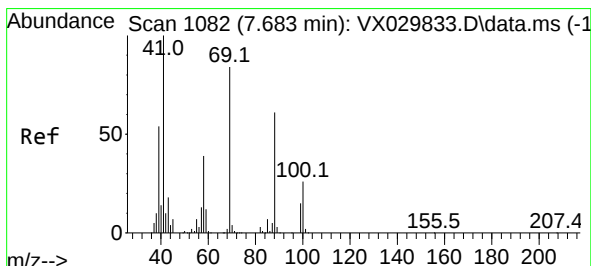
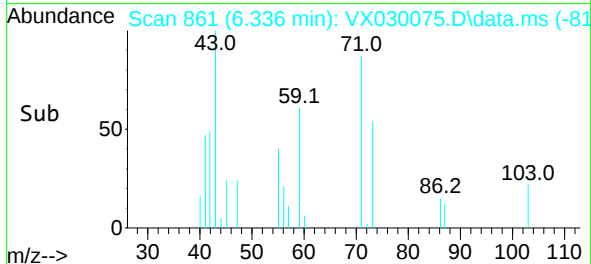
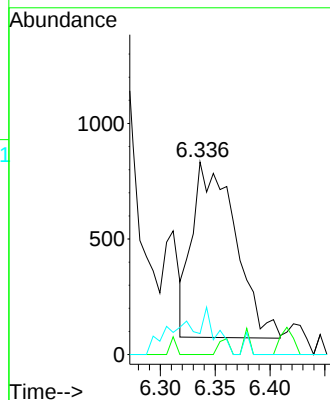
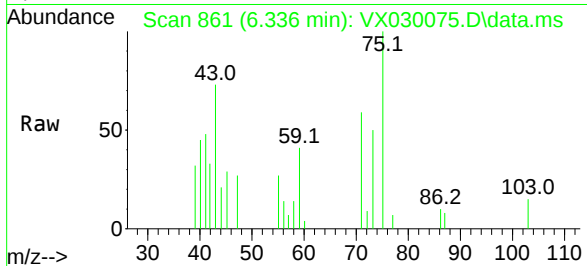




#43
Isopropyl Acetate
Concen: 0.430 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

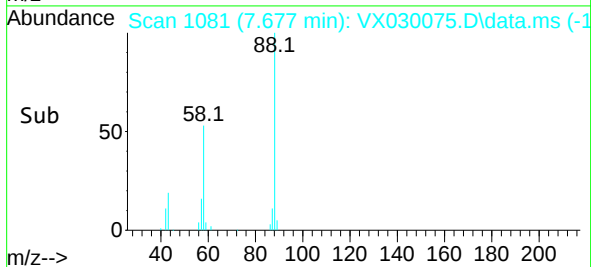
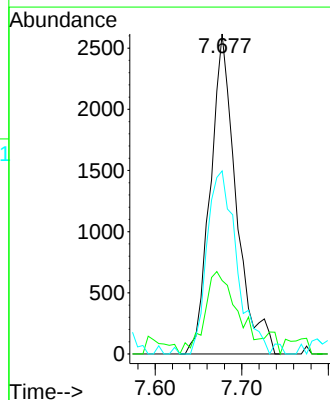
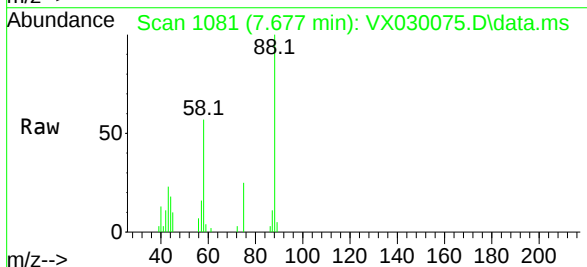
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

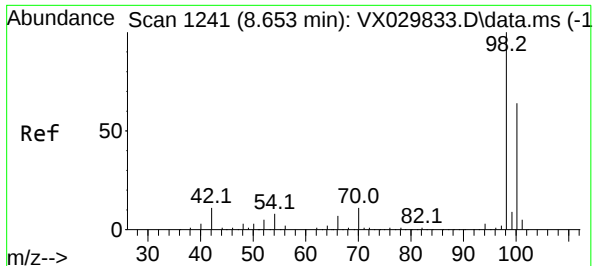
Tgt Ion: 43 Resp: 2067
Ion Ratio Lower Upper
43 100
61 0.0 16.5 24.7#
87 14.3 11.1 16.7



#49
1,4-Dioxane
Concen: 94.008 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.006 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 88 Resp: 5418
Ion Ratio Lower Upper
88 100
43 32.6 23.8 35.8
58 65.5 53.8 80.6

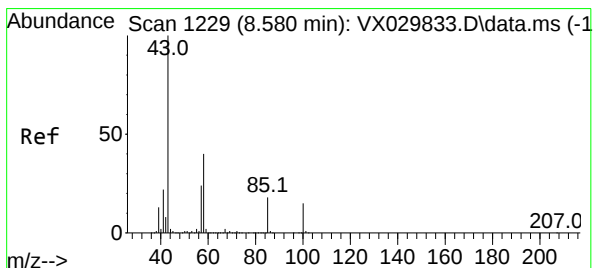
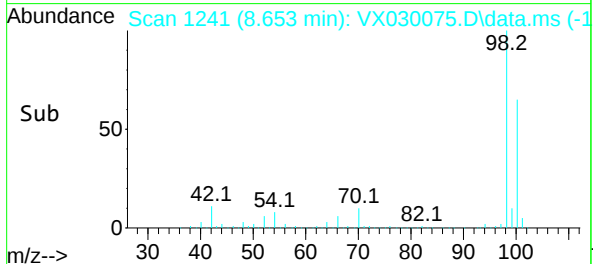
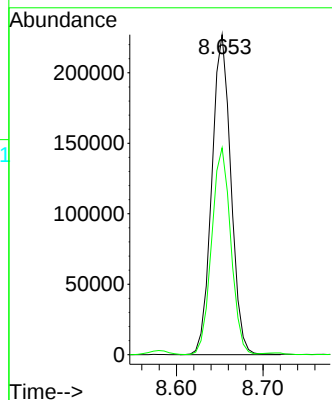
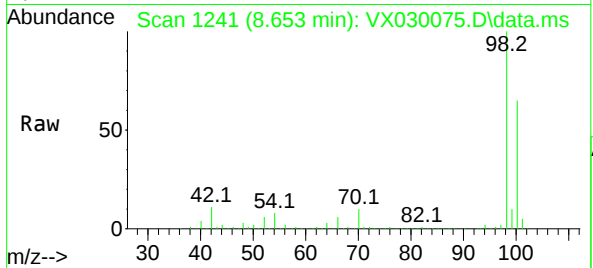




#50
Toluene-d8
Concen: 47.972 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

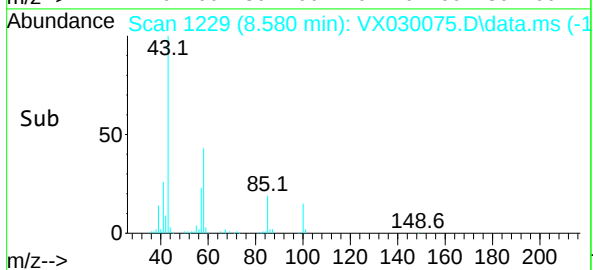
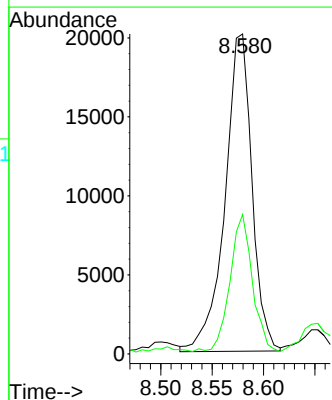
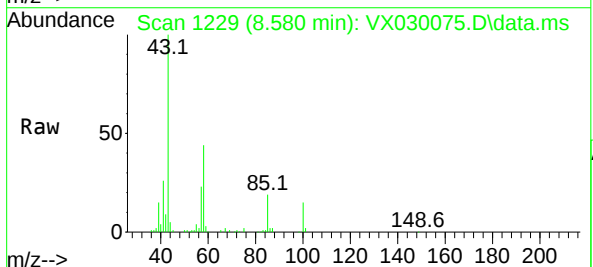
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

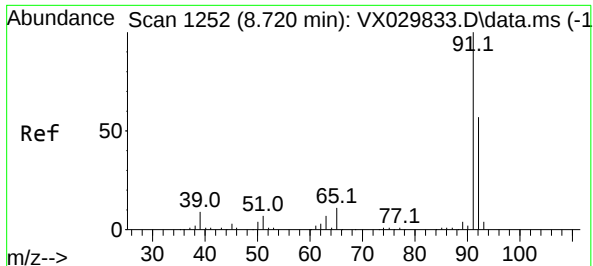
Tgt Ion: 98 Resp: 347537
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 11.546 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 43 Resp: 36734
Ion Ratio Lower Upper
43 100
58 37.2 31.4 47.2

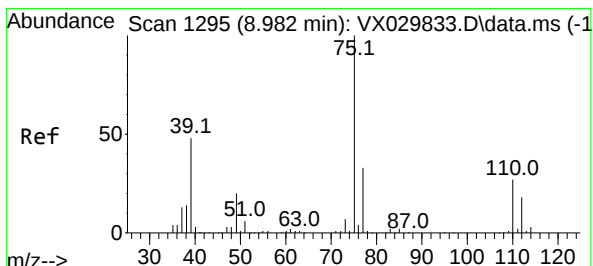
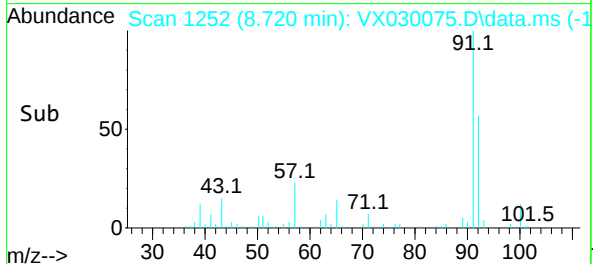
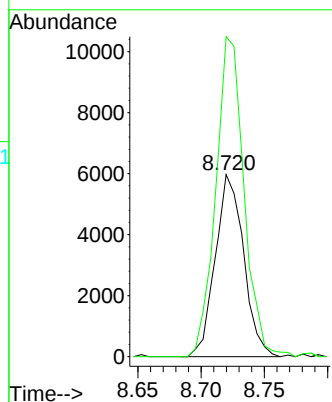
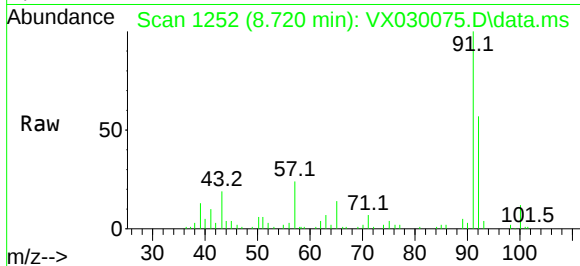




#52
Toluene
Concen: 1.867 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

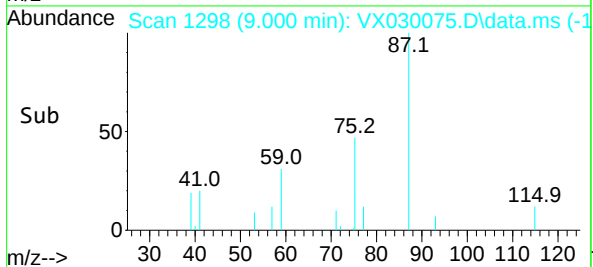
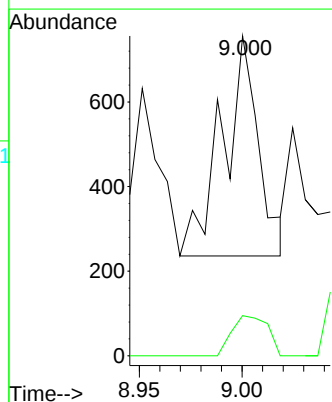
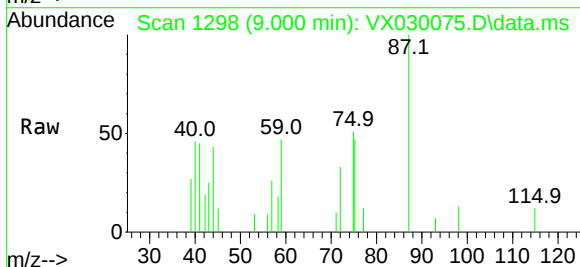
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

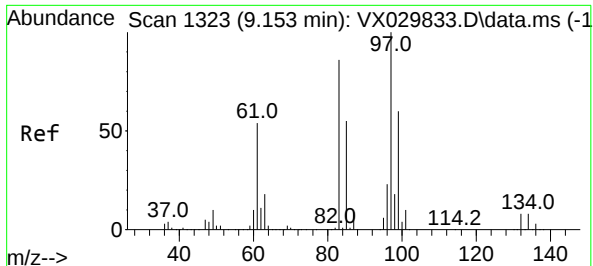
Tgt Ion: 92 Resp: 9283
Ion Ratio Lower Upper
92 100
91 175.1 139.2 208.8



#53
t-1,3-Dichloropropene
Concen: 0.242 ug/l
RT: 9.000 min Scan# 1298
Delta R.T. 0.018 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 75 Resp: 639
Ion Ratio Lower Upper
75 100
77 18.3 26.3 39.5#

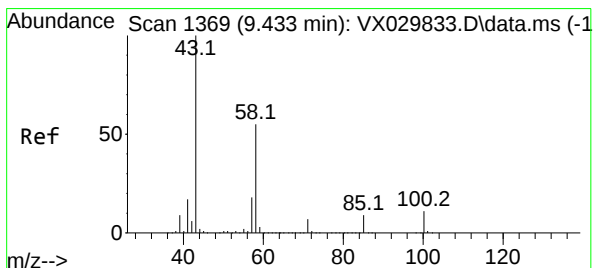
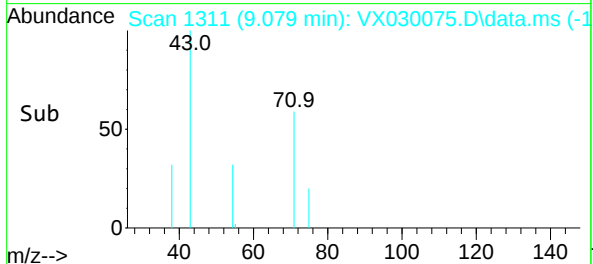
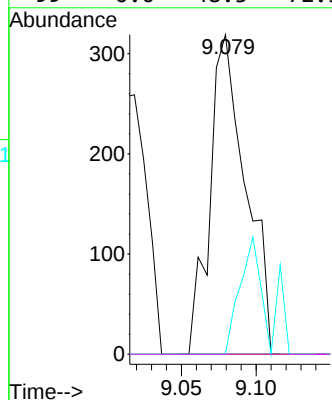
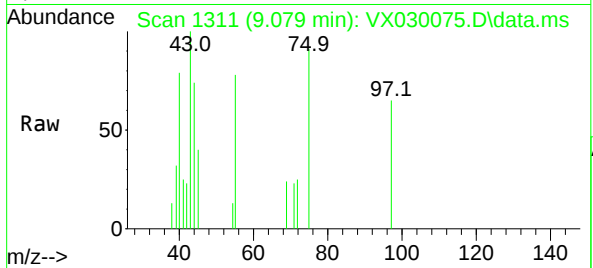




#55
1,1,2-Trichloroethane
Concen: 0.260 ug/l
RT: 9.079 min Scan# 11
Delta R.T. -0.074 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

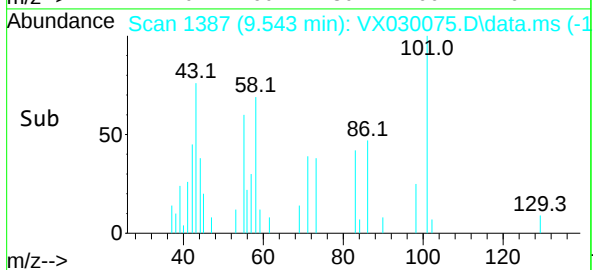
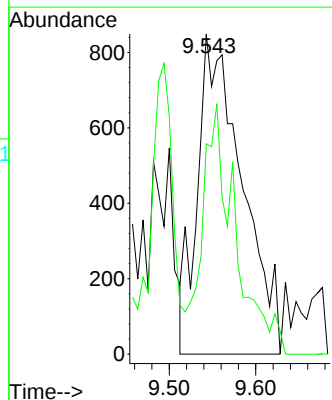
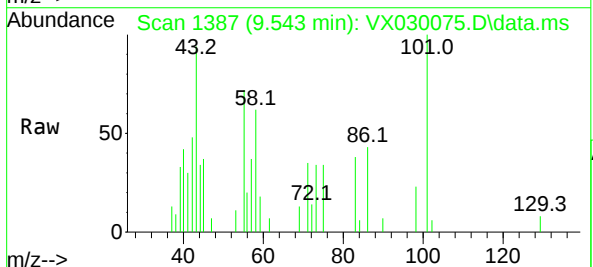
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

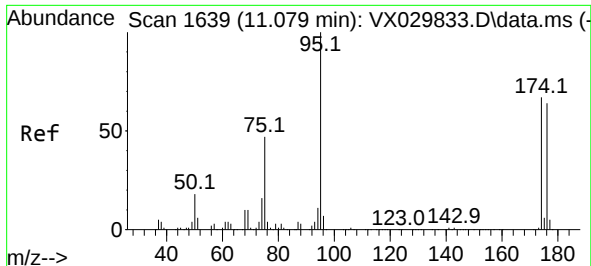
Tgt Ion: 97	Resp: 533
Ion Ratio	Lower Upper
97 100	
83 0.0	68.9 103.3#
85 0.0	44.0 66.0#
99 0.0	48.3 72.5#



#59
2-Hexanone
Concen: 1.246 ug/l
RT: 9.543 min Scan# 1387
Delta R.T. 0.110 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 43	Resp: 3040
Ion Ratio	Lower Upper
43 100	
58 57.0	27.6 82.8

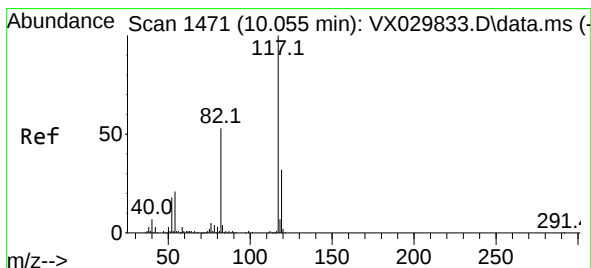
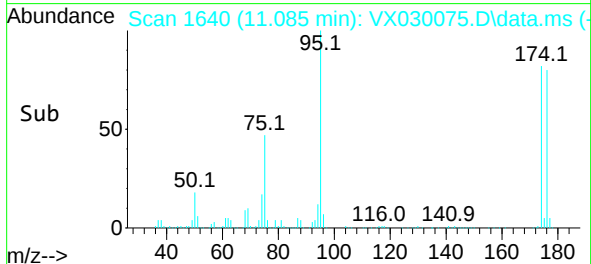
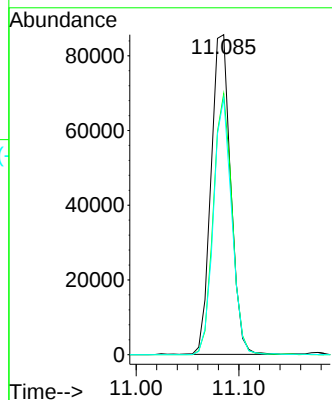
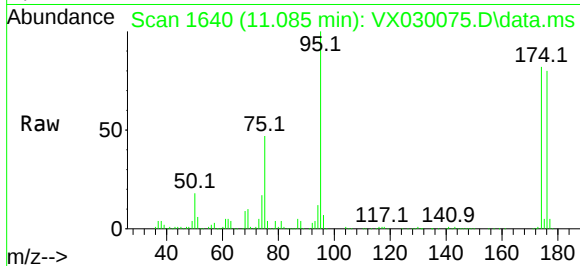




#62
4-Bromofluorobenzene
Concen: 45.313 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. 0.006 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

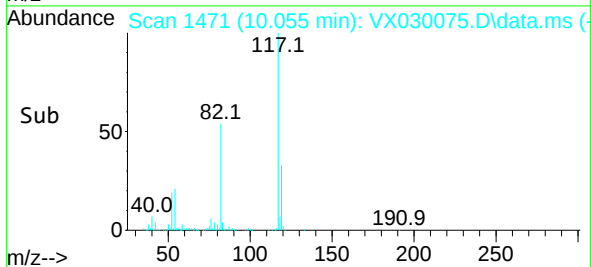
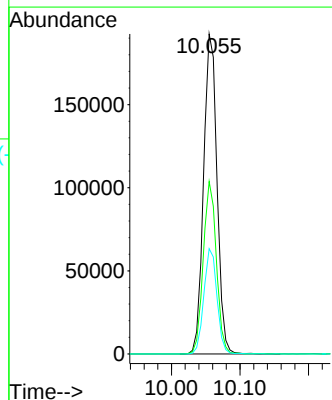
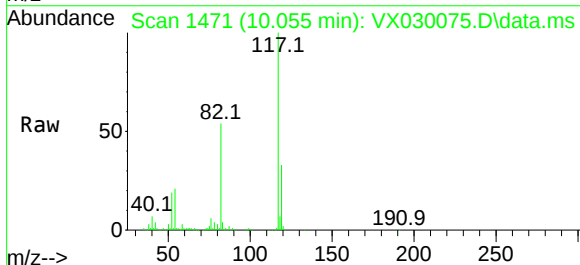
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

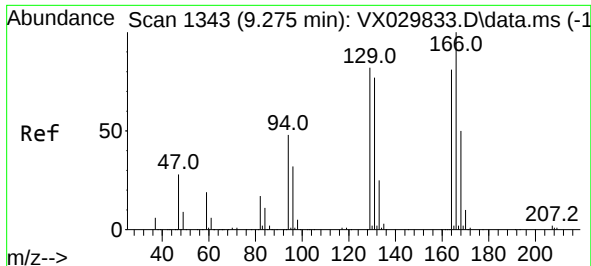
Tgt Ion: 95 Resp: 113922
Ion Ratio Lower Upper
95 100
174 77.7 0.0 149.0
176 74.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 117 Resp: 262789
Ion Ratio Lower Upper
117 100
82 53.9 42.7 64.1
119 32.9 25.4 38.2

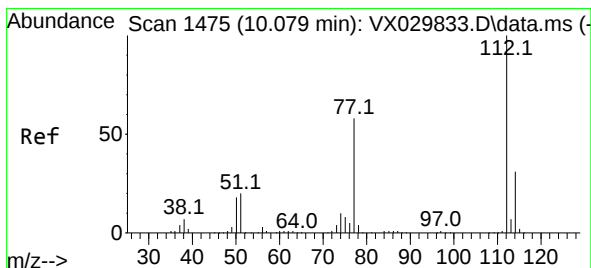
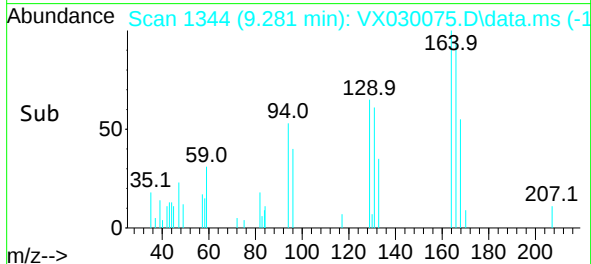
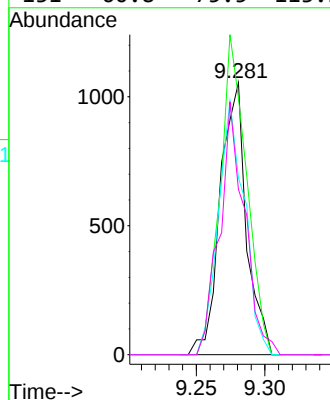
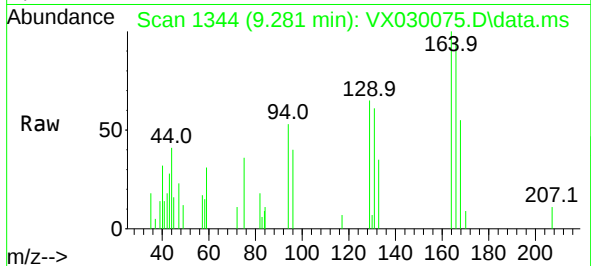




#64
Tetrachloroethene
Concen: 0.667 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

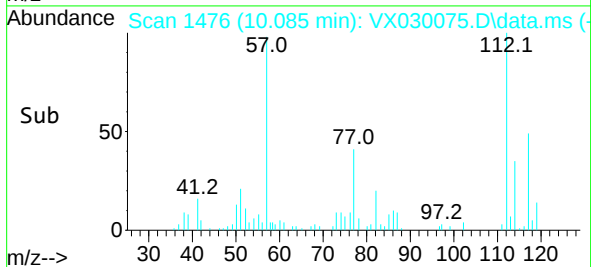
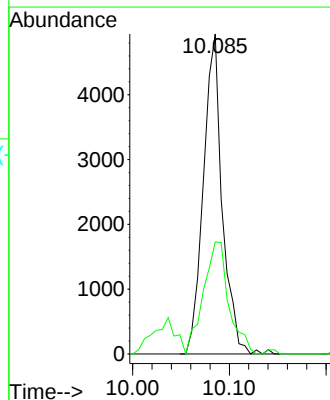
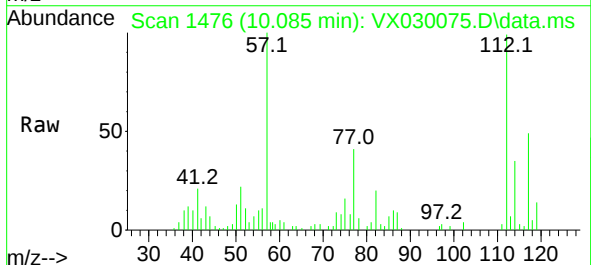
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

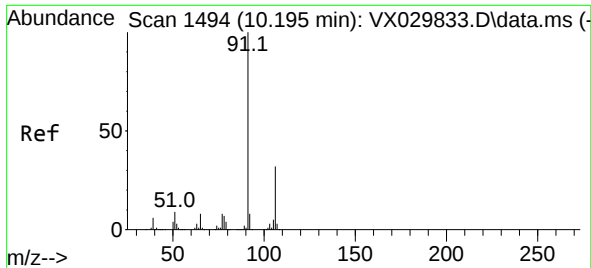
Tgt Ion:164 Resp: 1406
Ion Ratio Lower Upper
164 100
166 94.5 98.2 147.4#
129 65.0 80.8 121.2#
131 60.8 75.5 113.3#



#65
Chlorobenzene
Concen: 1.281 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion:112 Resp: 6702
Ion Ratio Lower Upper
112 100
114 35.0 24.6 36.8

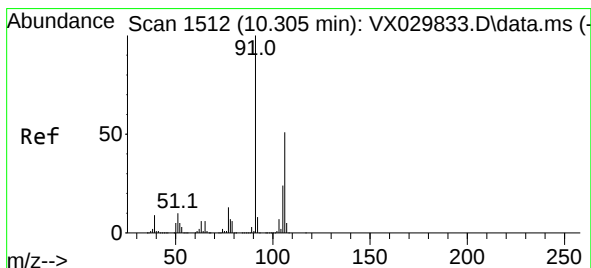
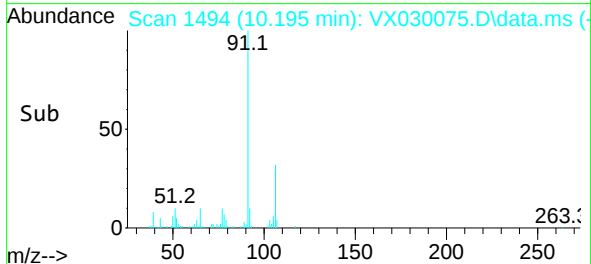
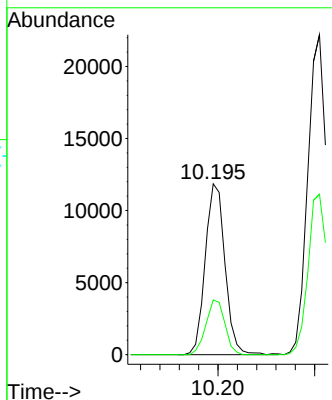
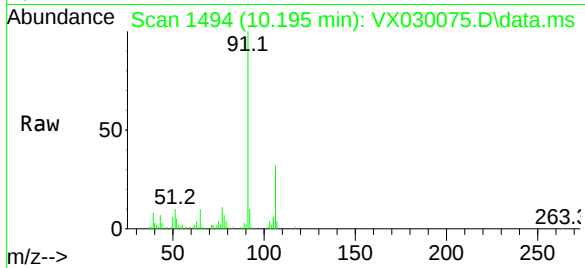




#67
Ethyl Benzene
Concen: 1.901 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

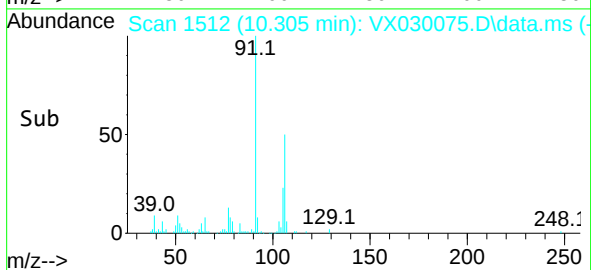
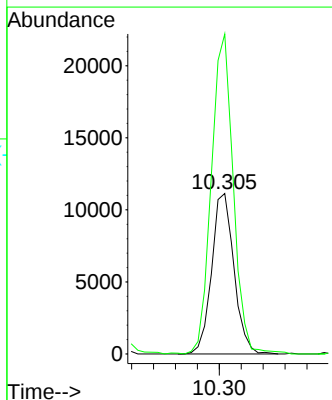
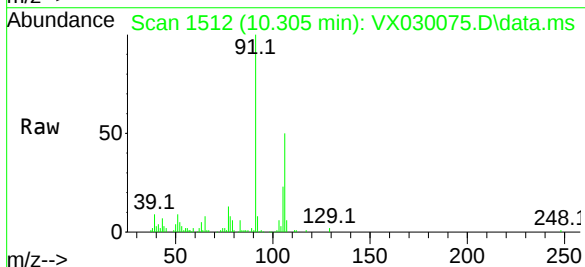
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

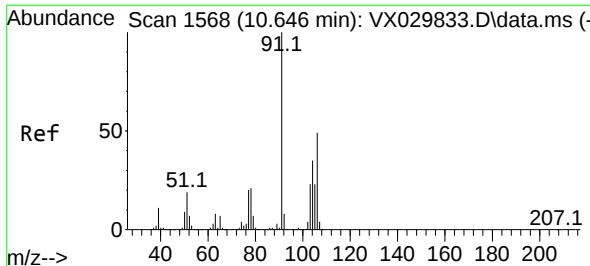
Tgt Ion: 91 Resp: 16862
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3



#68
m/p-Xylenes
Concen: 4.528 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion:106 Resp: 15749
Ion Ratio Lower Upper
106 100
91 195.6 158.2 237.4

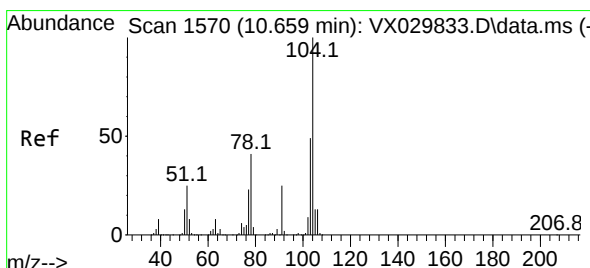
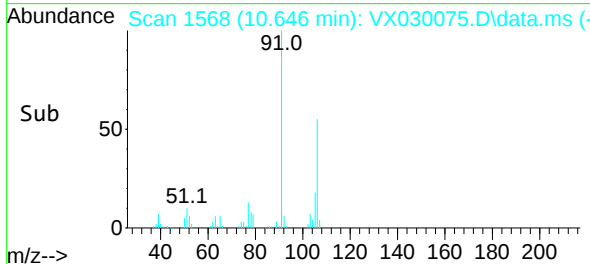
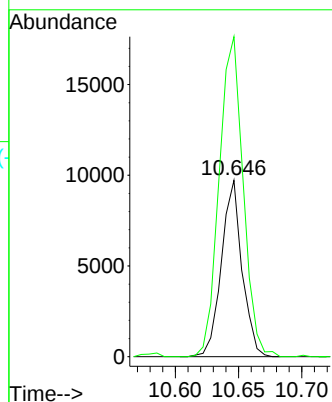
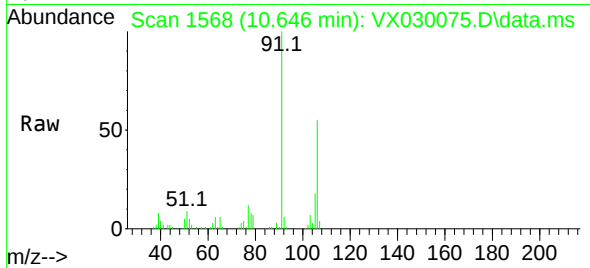




#69
o-Xylene
Concen: 3.161 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

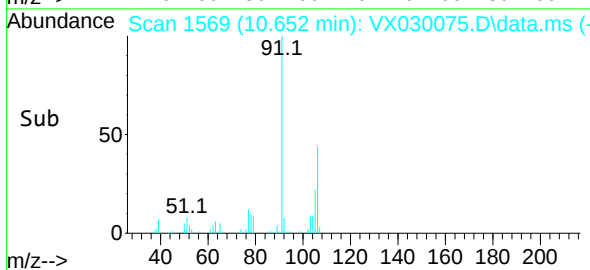
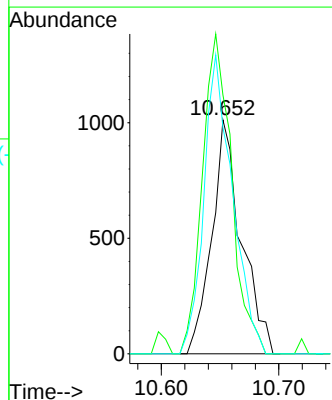
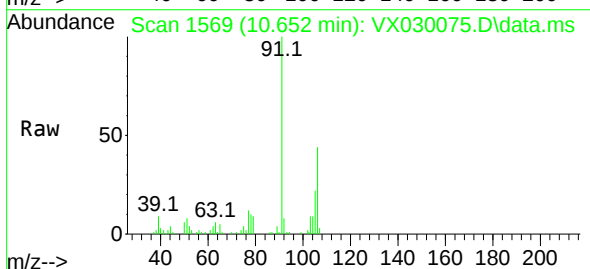
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

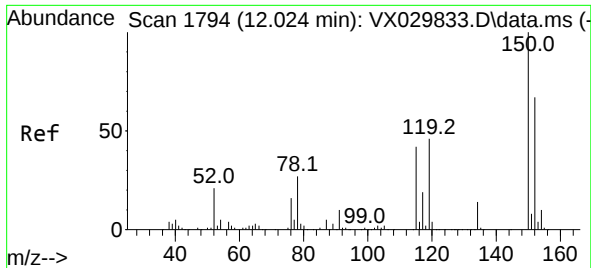
Tgt Ion:106 Resp: 11009
Ion Ratio Lower Upper
106 100
91 210.8 103.8 311.6



#70
Styrene
Concen: 0.307 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion:104 Resp: 1772
Ion Ratio Lower Upper
104 100
78 134.5 37.8 56.8#
103 124.2 44.5 66.7#

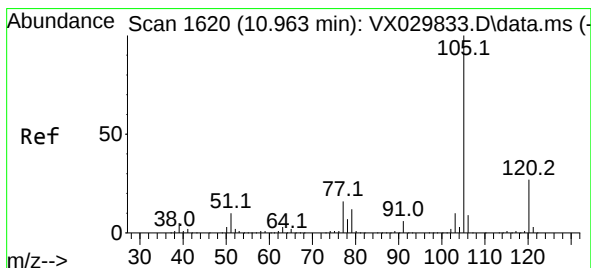
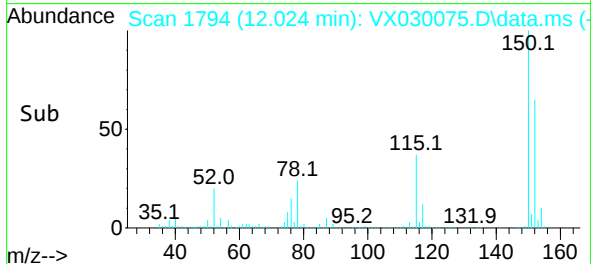
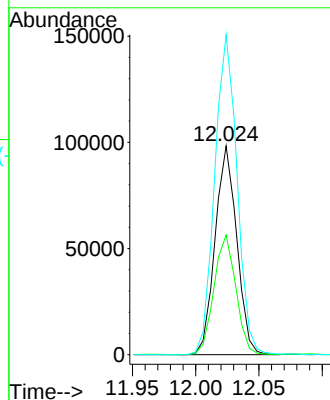
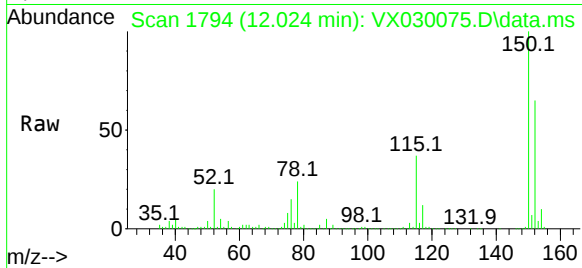




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

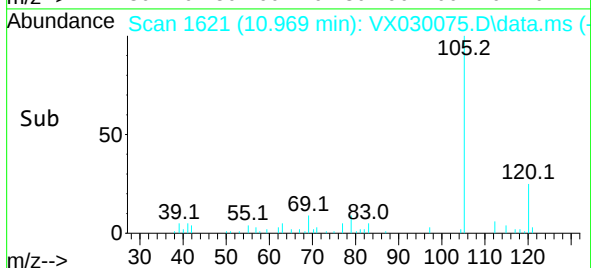
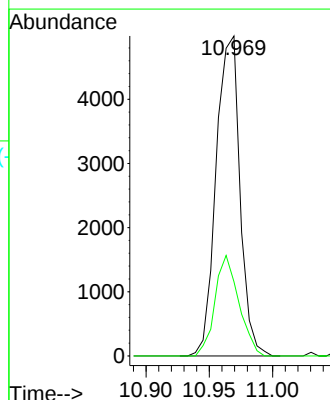
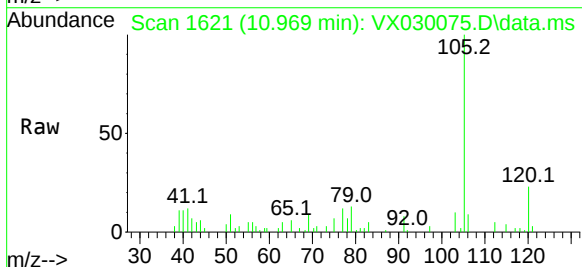
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

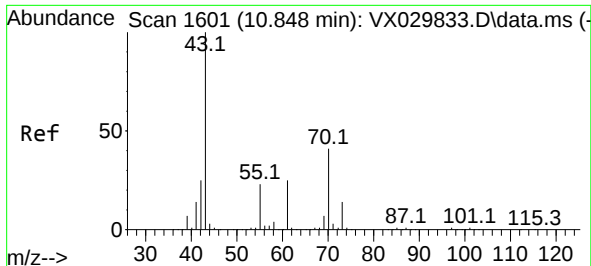
Tgt Ion:152 Resp: 116901
Ion Ratio Lower Upper
152 100
115 58.0 40.5 121.5
150 158.2 0.0 347.0



#73
Isopropylbenzene
Concen: 0.801 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion:105 Resp: 6523
Ion Ratio Lower Upper
105 100
120 31.5 13.5 40.4

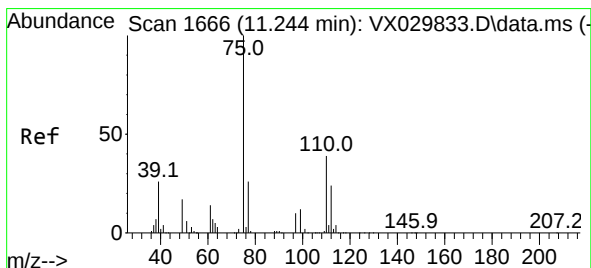
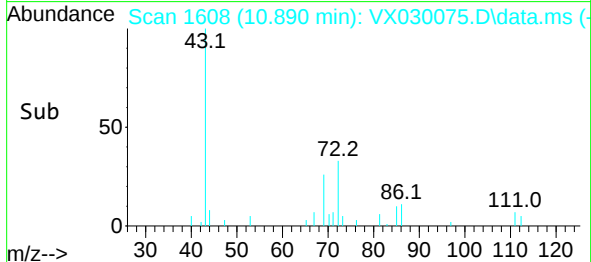
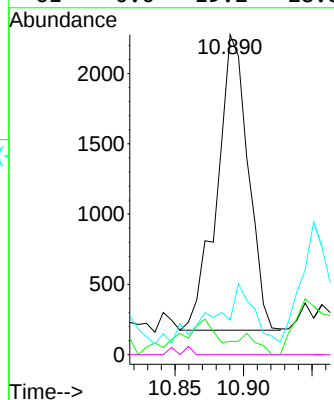
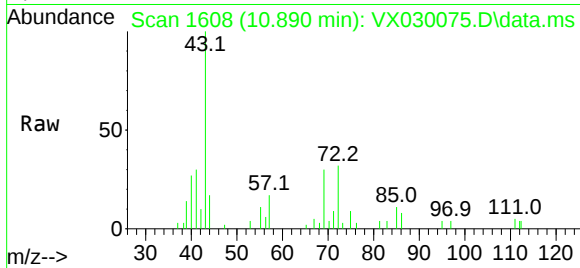




#74
N-amy1 acetate
Concen: 0.933 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.042 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

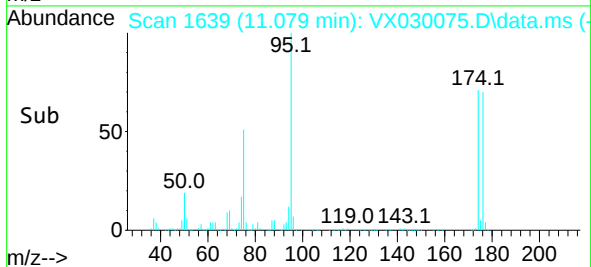
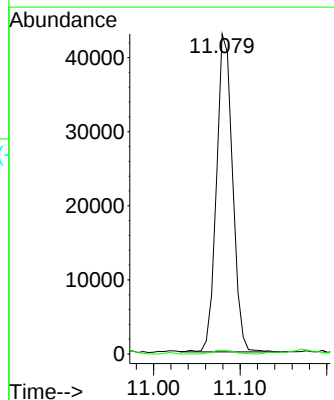
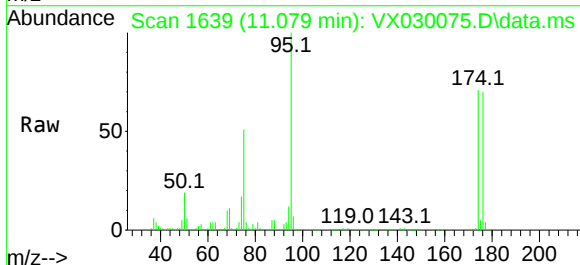
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

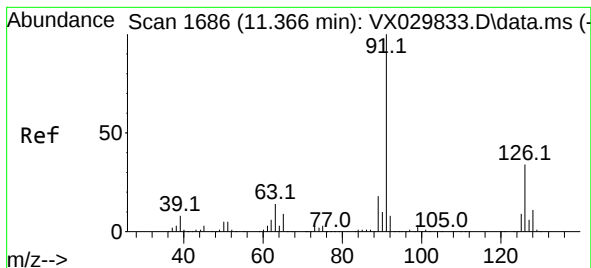
Tgt Ion: 43	Resp: 3335
Ion Ratio	Lower Upper
43 100	
70 3.4	32.3 48.5#
55 26.0	18.4 27.6
61 0.0	19.2 28.8#



#76
1,2,3-Trichloropropane
Concen: 20.647 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 75	Resp: 55495
Ion Ratio	Lower Upper
75 100	
77 1.6	19.8 59.3#





#79

2-Chlorotoluene

Concen: 0.339 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030075.D

Acq: 14 Jul 2022 20:52

Instrument :

MSVOA_X

ClientSampleId :

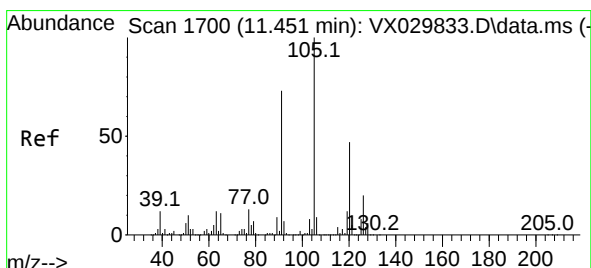
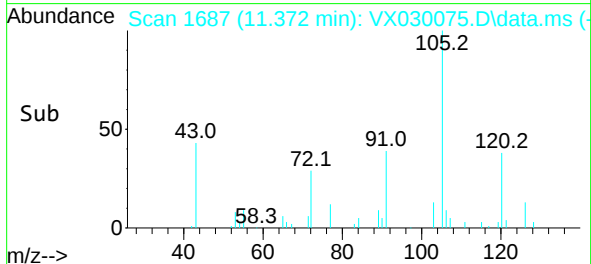
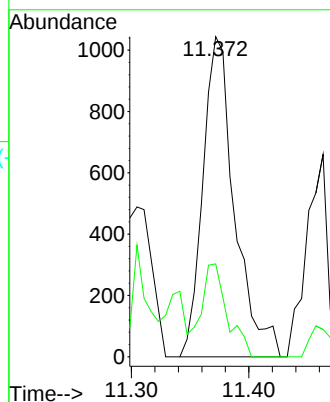
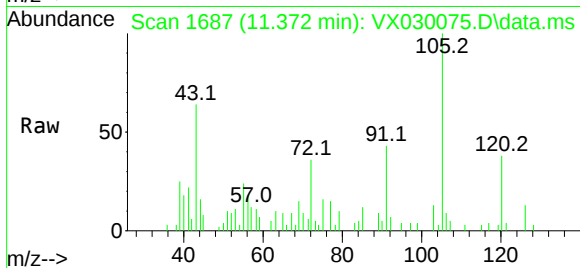
220713036-03-VOA

Tgt Ion: 91 Resp: 1960

Ion Ratio Lower Upper

91 100

126 23.8 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 0.559 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX030075.D

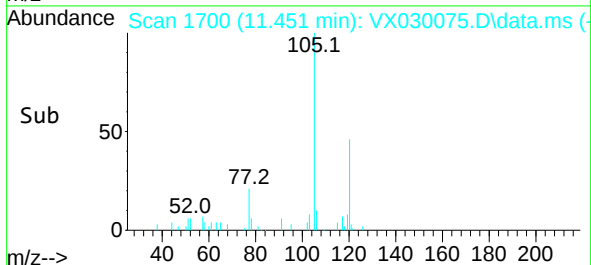
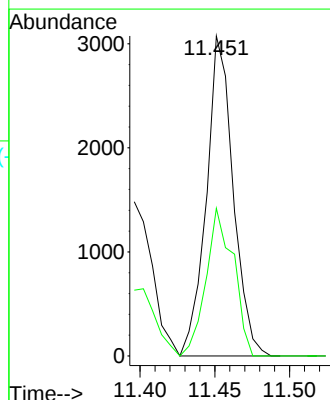
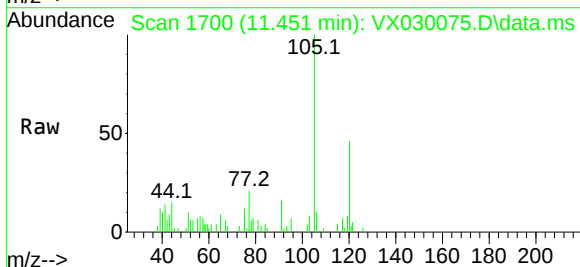
Acq: 14 Jul 2022 20:52

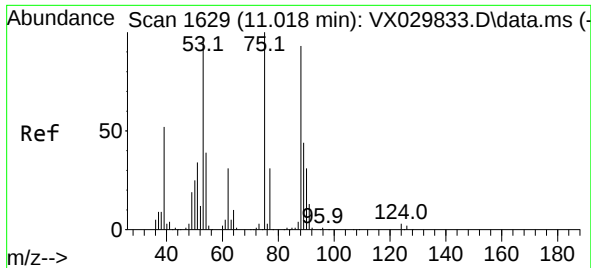
Tgt Ion: 105 Resp: 3834

Ion Ratio Lower Upper

105 100

120 46.9 24.4 73.2

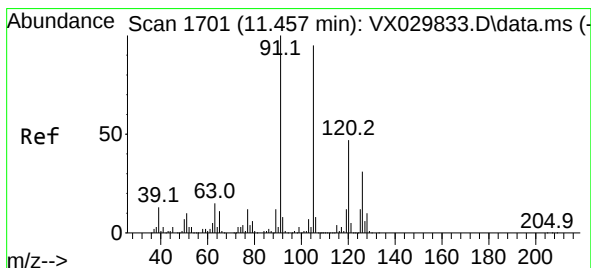
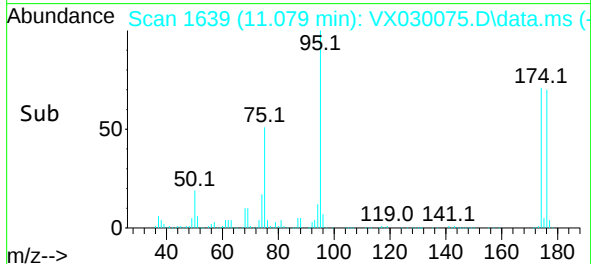
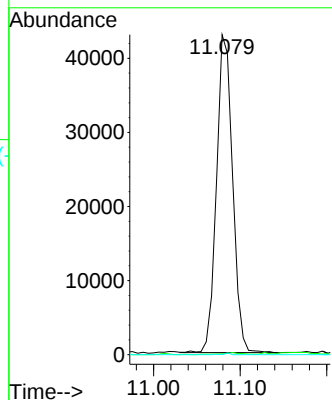
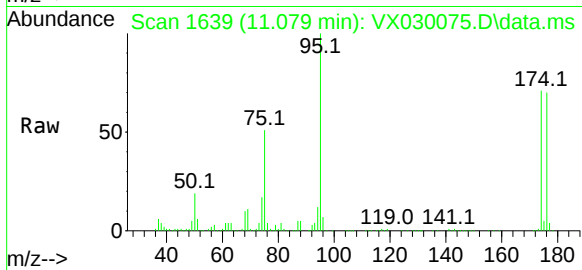




#81
trans-1,4-Dichloro-2-butene
Concen: 59.587 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

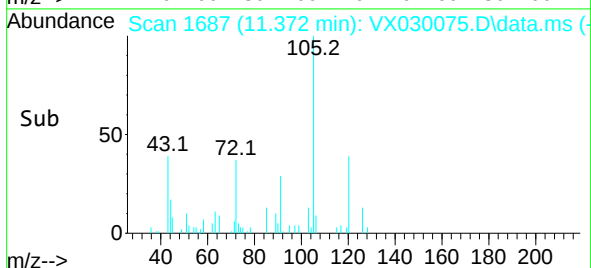
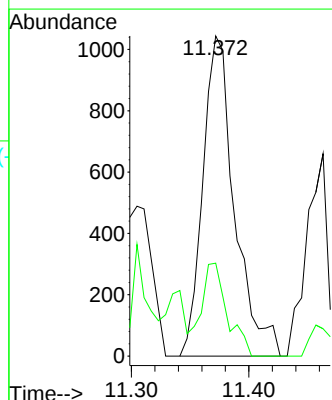
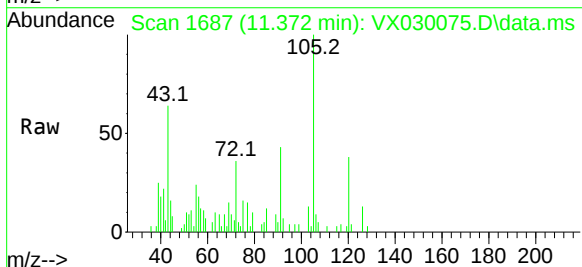
Instrument :
MSVOA_X
ClientSampleId :
220713036-03-VOA

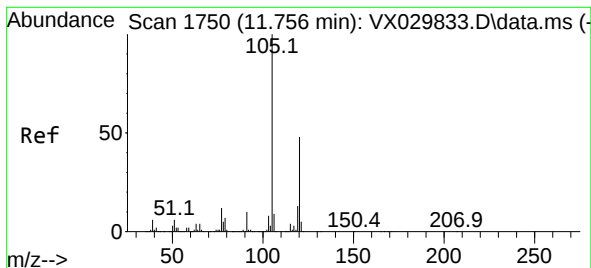
Tgt Ion: 75 Resp: 55495
Ion Ratio Lower Upper
75 100
53 0.9 74.2 111.4#
89 0.2 34.8 52.2#



#82
4-Chlorotoluene
Concen: 0.302 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. -0.085 min
Lab File: VX030075.D
Acq: 14 Jul 2022 20:52

Tgt Ion: 91 Resp: 1960
Ion Ratio Lower Upper
91 100
126 23.8 15.3 45.9





#84

1,2,4-Trimethylbenzene

Concen: 1.664 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX030075.D

Acq: 14 Jul 2022 20:52

Instrument :

MSVOA_X

ClientSampleId :

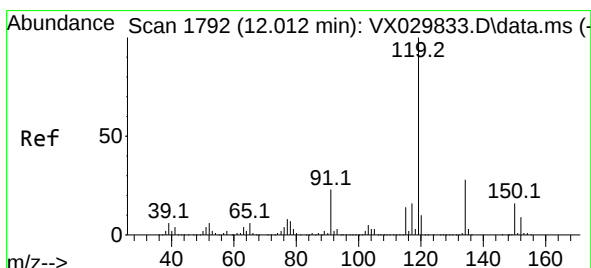
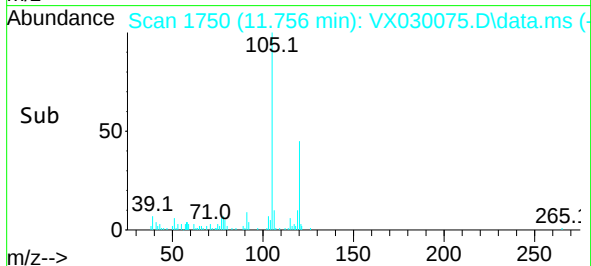
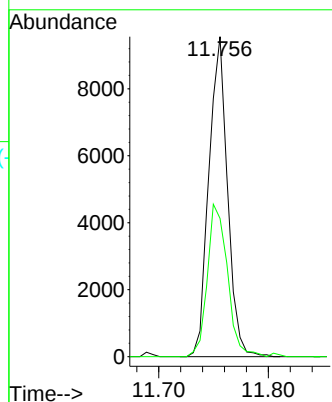
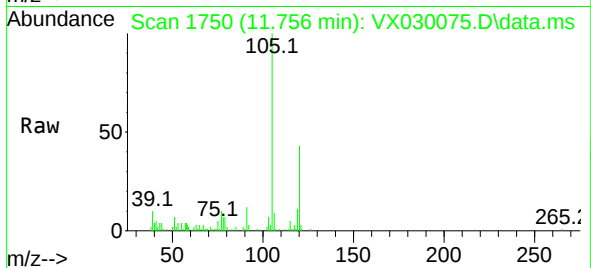
220713036-03-VOA

Tgt Ion:105 Resp: 11286

Ion Ratio Lower Upper

105 100

120 51.4 22.9 68.8



#86

p-Isopropyltoluene

Concen: 0.599 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX030075.D

Acq: 14 Jul 2022 20:52

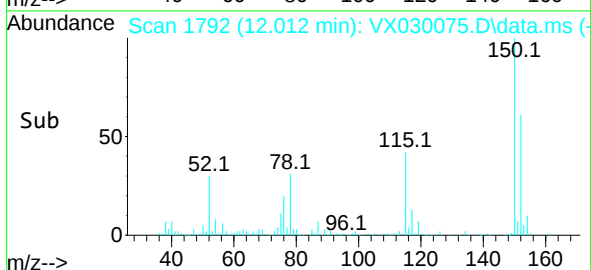
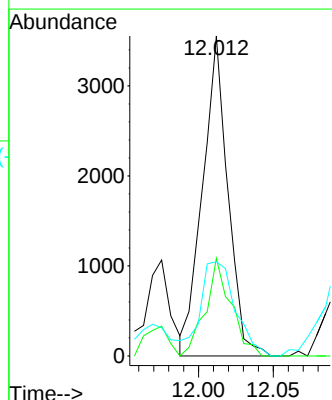
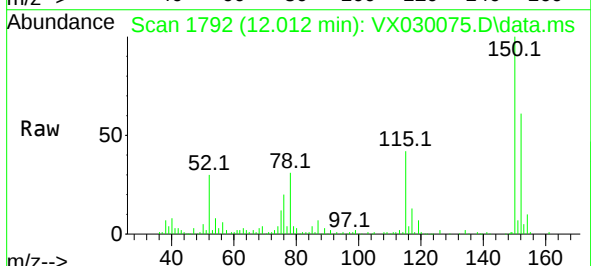
Tgt Ion:119 Resp: 4176

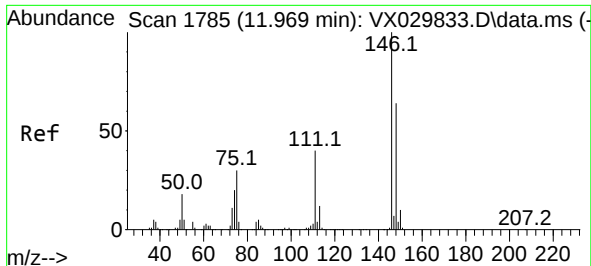
Ion Ratio Lower Upper

119 100

134 30.8 13.9 41.6

91 40.9 11.8 35.3#





#87

1,3-Dichlorobenzene

Concen: 3.245 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.073 min

Lab File: VX030075.D

Acq: 14 Jul 2022 20:52

Instrument :

MSVOA_X

ClientSampleId :

220713036-03-VOA

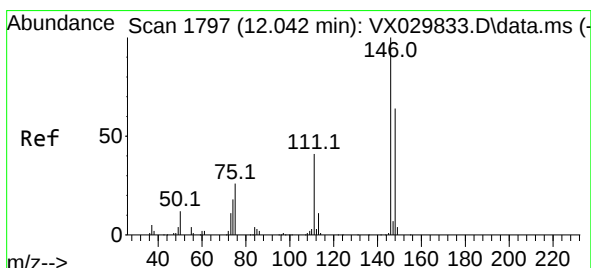
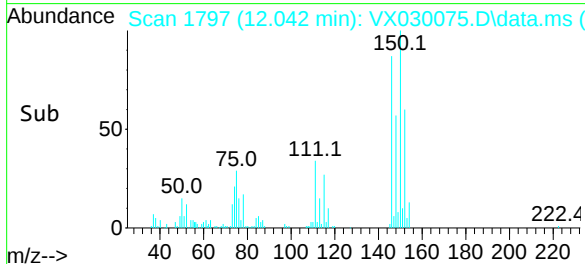
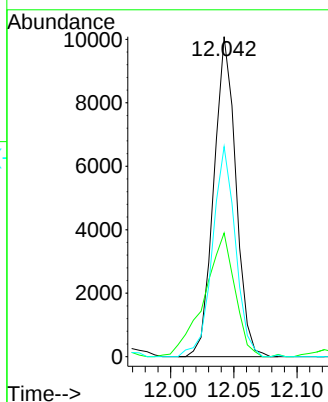
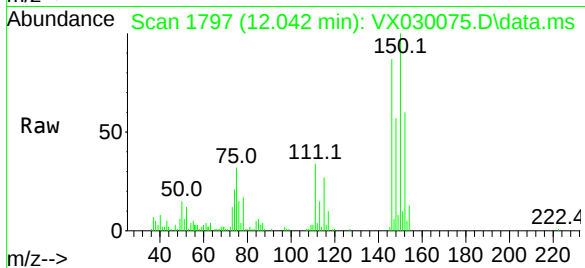
Tgt Ion:146 Resp: 12210

Ion Ratio Lower Upper

146 100

111 53.4 20.3 60.8

148 68.5 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 3.162 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX030075.D

Acq: 14 Jul 2022 20:52

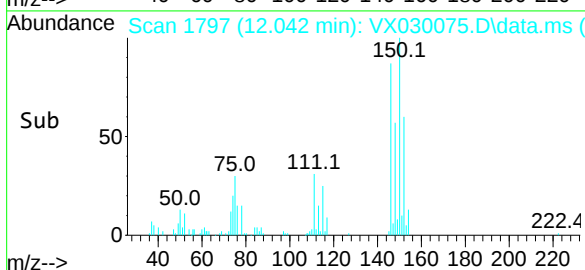
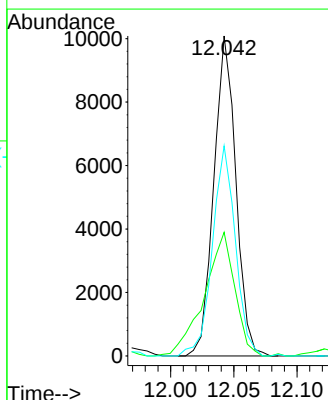
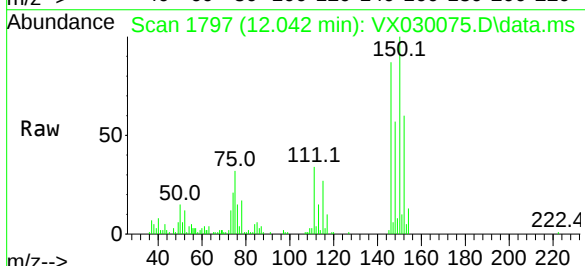
Tgt Ion:146 Resp: 12210

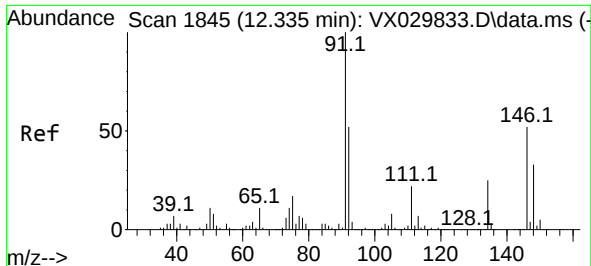
Ion Ratio Lower Upper

146 100

111 53.4 20.3 60.9

148 68.5 32.3 96.8





#89

n-Butylbenzene

Concen: 0.285 ug/l

RT: 12.524 min Scan# 1876

Delta R.T. 0.189 min

Lab File: VX030075.D

Acq: 14 Jul 2022 20:52

Instrument :

MSVOA_X

ClientSampleId :

220713036-03-VOA

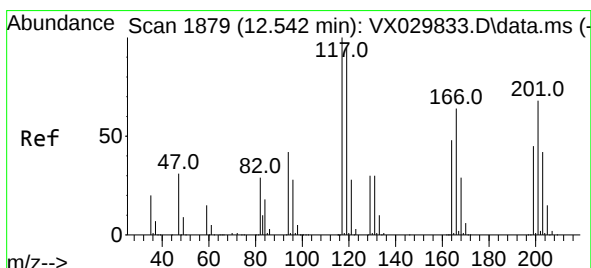
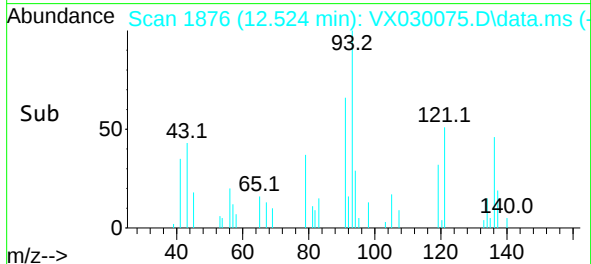
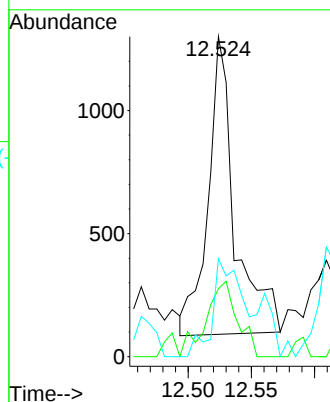
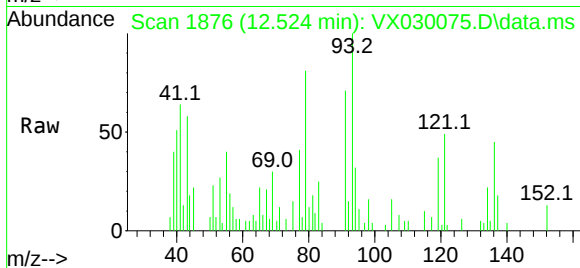
Tgt Ion: 91 Resp: 1779

Ion Ratio Lower Upper

91 100

92 29.7 26.2 78.5

134 35.1 12.6 37.8



#90

Hexachloroethane

Concen: 0.319 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.012 min

Lab File: VX030075.D

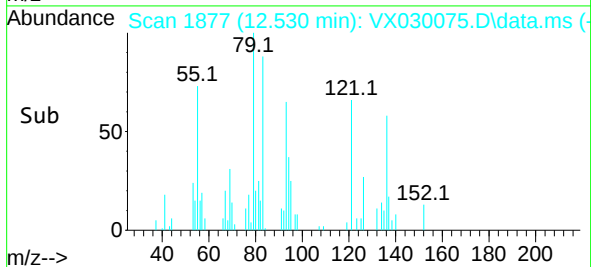
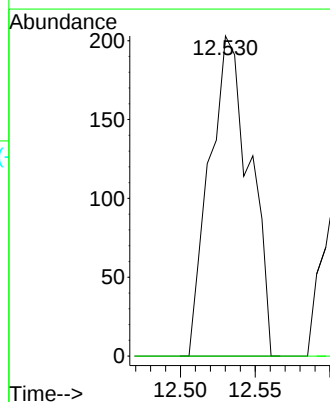
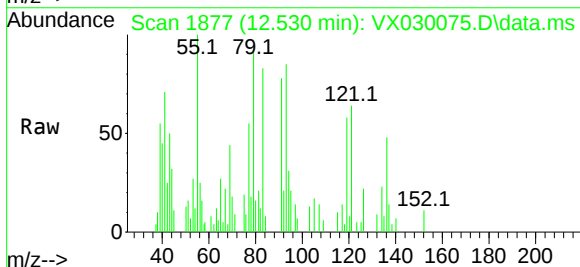
Acq: 14 Jul 2022 20:52

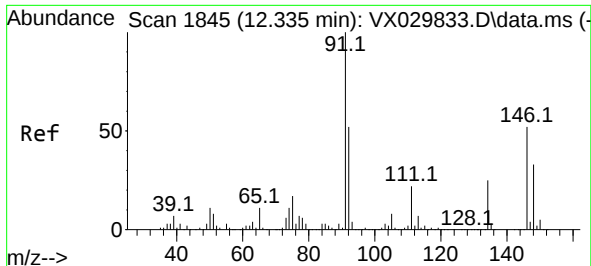
Tgt Ion: 117 Resp: 380

Ion Ratio Lower Upper

117 100

201 0.0 34.2 102.5#





#91

1,2-Dichlorobenzene

Concen: 0.250 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX030075.D

Acq: 14 Jul 2022 20:52

Instrument :

MSVOA_X

ClientSampleId :

220713036-03-VOA

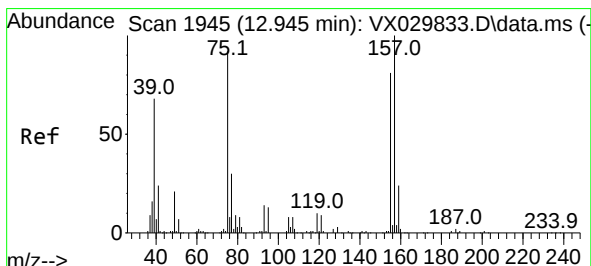
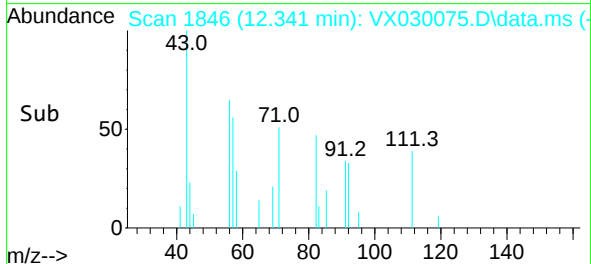
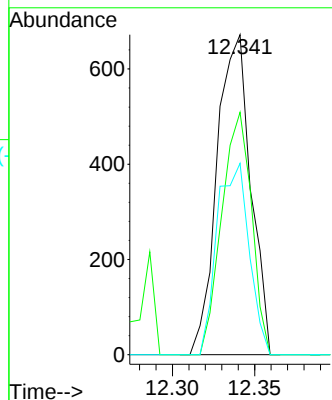
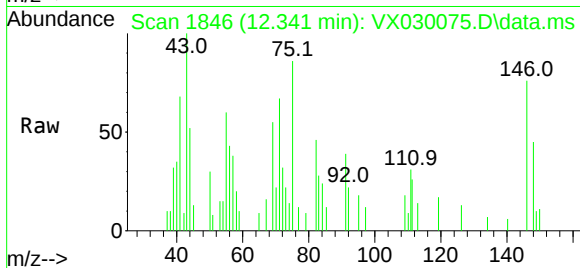
Tgt Ion:146 Resp: 957

Ion Ratio Lower Upper

146 100

111 67.1 20.7 62.1#

148 56.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.227 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX030075.D

Acq: 14 Jul 2022 20:52

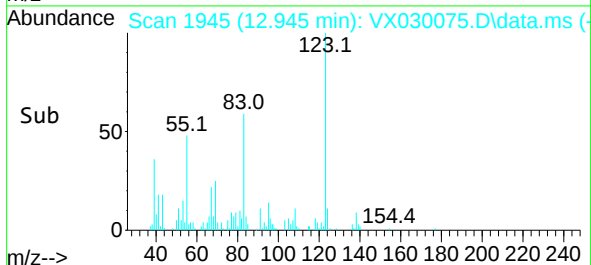
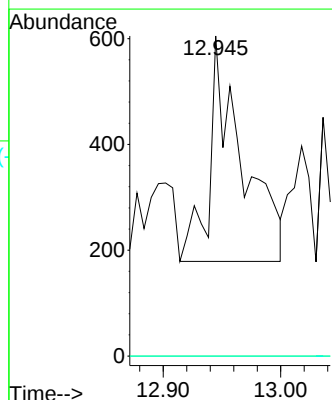
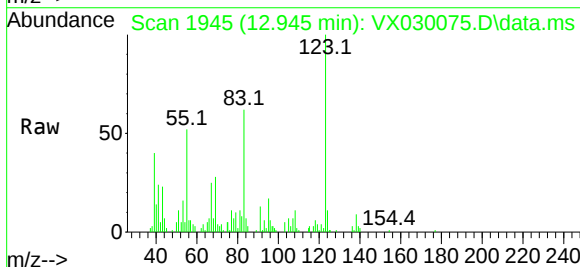
Tgt Ion: 75 Resp: 823

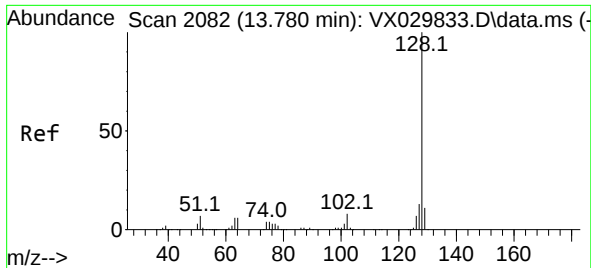
Ion Ratio Lower Upper

75 100

155 0.0 45.0 134.8#

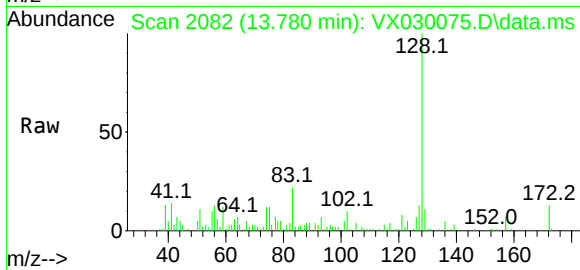
157 0.0 56.9 170.7#





#95
 Naphthalene
 Concen: 1.393 ug/l
 RT: 13.780 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX030075.D
 Acq: 14 Jul 2022 20:52

Instrument :
 MSVOA_X
 ClientSampleId :
 220713036-03-VOA



Tgt Ion:	128	Resp:	12985
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	11.8	8.6	13.0

