

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027726.D
 Acq On : 26 Mar 2022 14:52
 Operator : JC/MD
 Sample : N2028-02DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-114DL

Quant Time: Mar 28 05:16:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	64116	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	113969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	103624	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44382	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54754	52.068	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.140%	
35) Dibromofluoromethane	5.385	113	38286	51.156	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.320%	
50) Toluene-d8	8.653	98	143477	49.592	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.180%	
62) 4-Bromofluorobenzene	11.079	95	56034	47.731	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.460%	

Target Compounds			Qvalue			
3) Chloromethane	1.294	50	105	0.136	ug/l #	42
5) Bromomethane	1.611	94	125	0.421	ug/l #	75
6) Chloroethane	1.684	64	209	0.440	ug/l #	43
10) Methyl Iodide	2.459	142	297	3.232	ug/l #	49
11) Tert butyl alcohol	2.965	59	1858	9.490	ug/l #	72
13) Acrolein	2.160	56	185	1.350	ug/l #	1
14) Allyl chloride	2.709	41	819	0.636	ug/l #	57
15) Acrylonitrile	3.105	53	412	0.859	ug/l #	25
16) Acetone	2.386	43	5364	12.061	ug/l	94
17) Carbon Disulfide	2.514	76	290	0.159	ug/l #	75
18) Methyl Acetate	2.696	43	672	0.591	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	8025	3.210	ug/l #	1
20) Methylene Chloride	2.800	84	125	0.158	ug/l #	43
22) Diisopropyl ether	3.776	45	696	0.271	ug/l #	75
23) Vinyl Acetate	3.757	43	304	0.135	ug/l #	66
25) 2-Butanone	4.568	43	3439	4.815	ug/l #	85
26) 2,2-Dichloropropane	4.300	77	20	0.018	ug/l #	52
30) Chloroform	5.153	83	443	0.304	ug/l #	17
31) Cyclohexane	5.470	56	9979	7.826	ug/l #	81
36) 1,1-Dichloropropene	5.550	75	6086	5.148	ug/l #	50
37) Ethyl Acetate	4.568	43	3439	2.499	ug/l #	65
38) Carbon Tetrachloride	5.556	117	7570	6.553	ug/l #	14
39) Methylcyclohexane	7.385	83	6999	5.147	ug/l	92
40) Benzene	6.043	78	320777	98.233	ug/l	100
41) Methacrylonitrile	5.080	41	129	0.179	ug/l #	18
42) 1,2-Dichloroethane	6.098	62	4263	3.071	ug/l	91
43) Isopropyl Acetate	6.239	43	17049	8.204	ug/l #	57
45) 1,2-Dichloropropane	7.385	63	78	0.091	ug/l #	1
47) Bromodichloromethane	7.885	83	79	0.066	ug/l #	24
48) Methyl methacrylate	7.659	41	826	Below Cal	#	78
51) 4-Methyl-2-Pentanone	8.573	43	821	0.576	ug/l	91
52) Toluene	8.720	92	260751	127.727	ug/l	100
53) t-1,3-Dichloropropene	8.720	75	3321	4.063	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	804	0.969	ug/l #	16
56) Ethyl methacrylate	9.104	69	361	0.266	ug/l #	59
58) 2-Chloroethyl Vinyl ether	8.433	63	49	0.071	ug/l #	45

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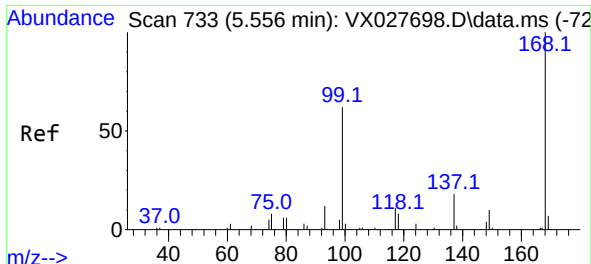
Instrument :
 MSVOA_X
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

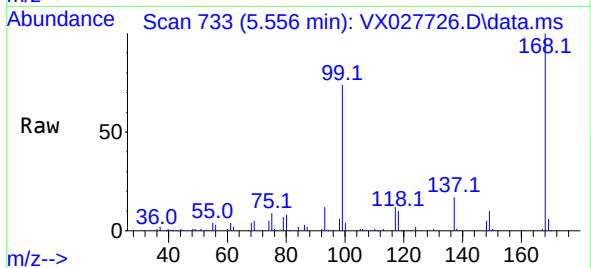
59) 2-Hexanone	9.567	43	1560	1.399	ug/l	81
67) Ethyl Benzene	10.195	91	113705	27.963	ug/l	97
68) m/p-Xylenes	10.299	106	182343	123.719	ug/l	90
69) o-Xylene	10.646	106	75589	51.038	ug/l	86
70) Styrene	10.646	104	3830	1.627	ug/l #	1
73) Isopropylbenzene	10.963	105	8823	2.420	ug/l	97
74) N-amyl acetate	10.847	43	94	0.054	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.225	83	31	0.024	ug/l #	1
76) 1,2,3-Trichloropropane	11.384	75	1352	1.094	ug/l #	1
78) n-propylbenzene	11.305	91	25717	5.946	ug/l	97
79) 2-Chlorotoluene	11.378	91	17439	6.396	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	39711	12.674	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.085	75	31076	85.602	ug/l #	15
82) 4-Chlorotoluene	11.451	91	4822	1.537	ug/l #	45
83) tert-Butylbenzene	11.975	119	1566	0.544	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	131350	41.303	ug/l	95
85) sec-Butylbenzene	11.756	105	131350	34.836	ug/l #	56
86) p-Isopropyltoluene	12.006	119	522	0.176	ug/l #	74
87) 1,3-Dichlorobenzene	12.042	146	60	0.040	ug/l #	1
88) 1,4-Dichlorobenzene	12.042	146	60	0.038	ug/l #	1
89) n-Butylbenzene	12.323	91	4189	1.491	ug/l #	29
90) Hexachloroethane	12.530	117	547	1.155	ug/l #	10
91) 1,2-Dichlorobenzene	12.341	146	50	0.034	ug/l #	24
92) 1,2-Dibromo-3-Chloropr...	12.963	75	43	0.137	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.585	180	101	0.117	ug/l #	4
95) Naphthalene	13.780	128	11232	3.554	ug/l	97
96) 1,2,3-Trichlorobenzene	13.957	180	19	0.022	ug/l #	1

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

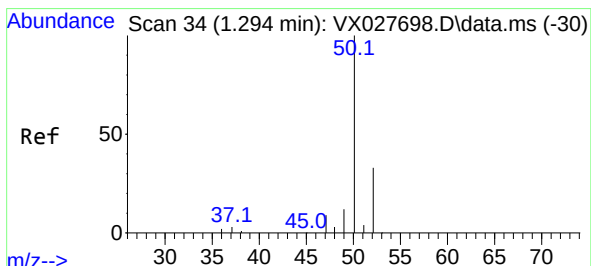
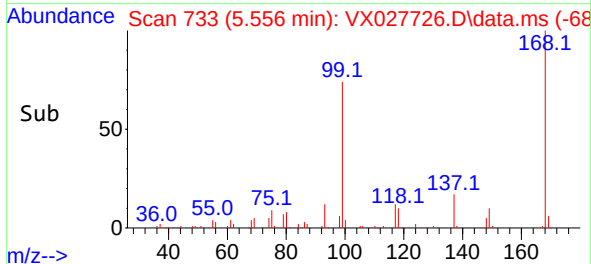
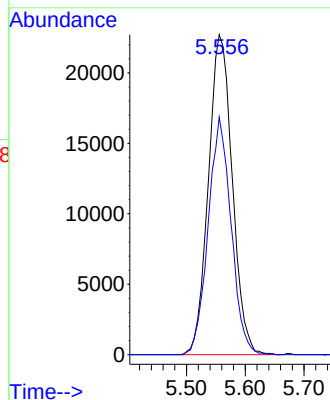


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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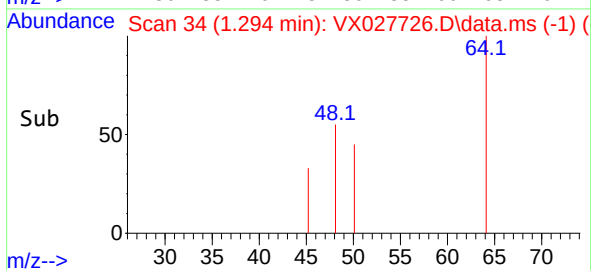
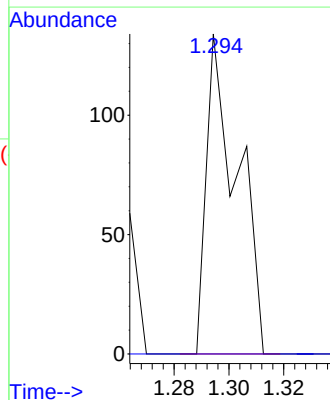
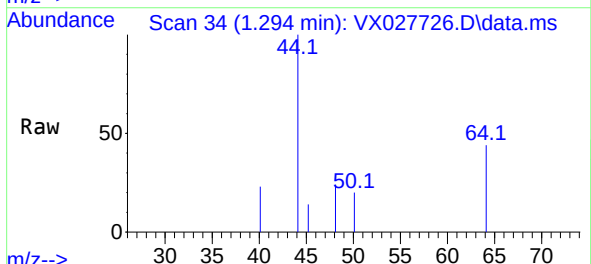


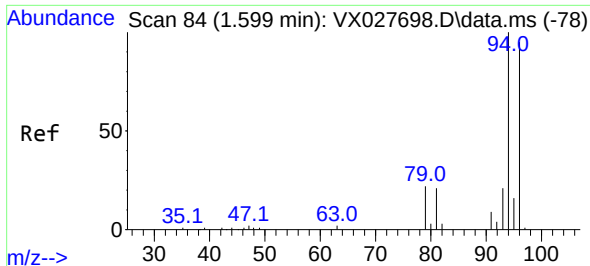
Tgt Ion:168 Resp: 64116
Ion Ratio Lower Upper
168 100
99 74.3 41.7 62.5#



#3
Chloromethane
Concen: 0.136 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 50 Resp: 105
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

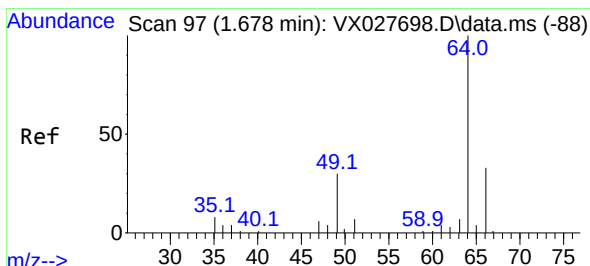
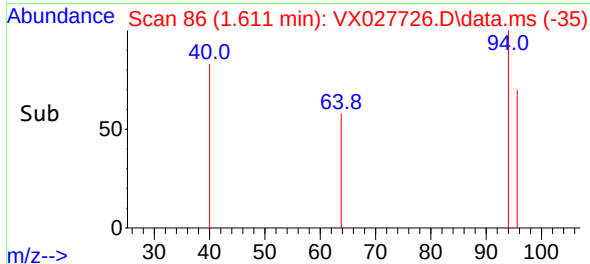
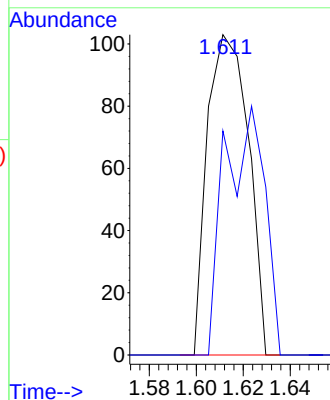
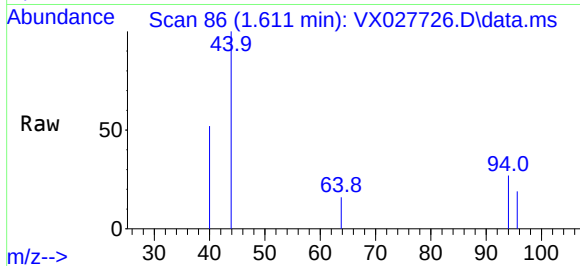




#5
Bromomethane
Concen: 0.421 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

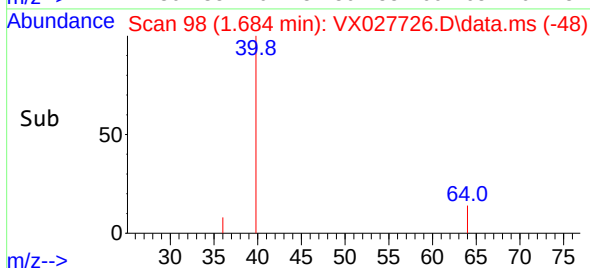
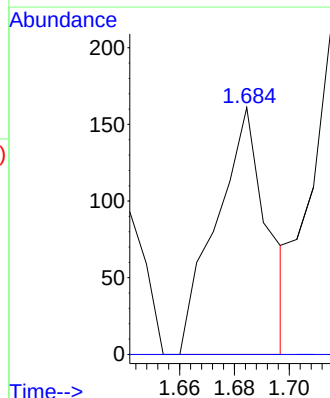
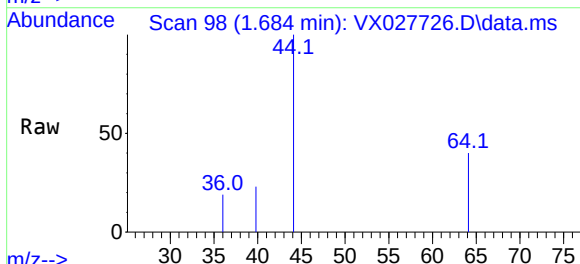
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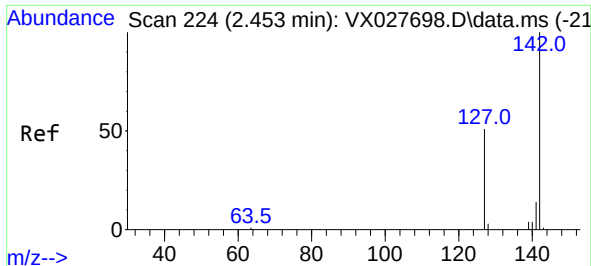
Tgt Ion: 94 Resp: 125
Ion Ratio Lower Upper
94 100
96 69.9 75.3 112.9#



#6
Chloroethane
Concen: 0.440 ug/l
RT: 1.684 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 64 Resp: 209
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

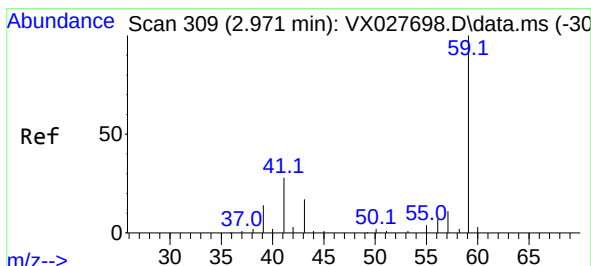
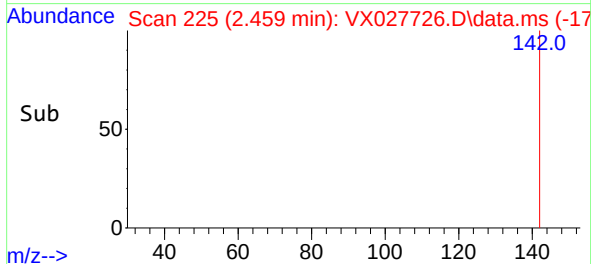
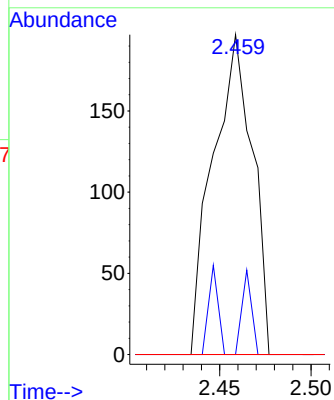
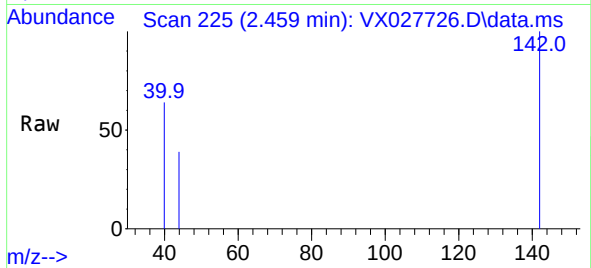




#10
Methyl Iodide
Concen: 3.232 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

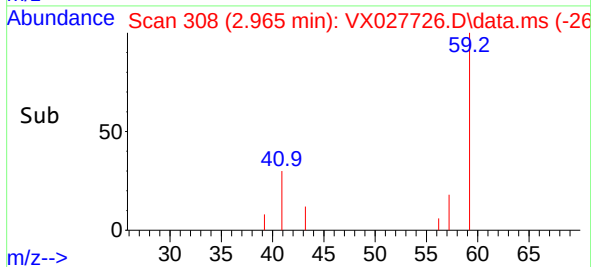
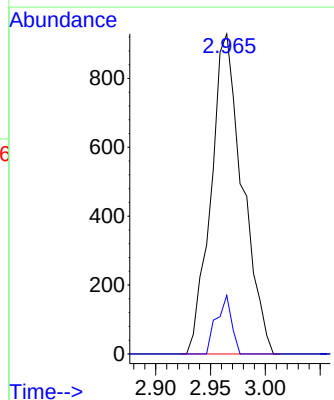
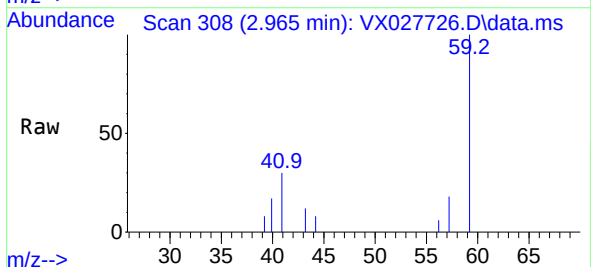
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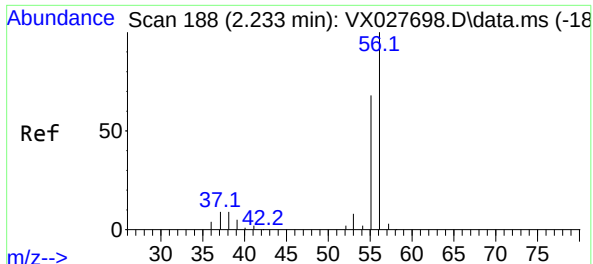
Tgt Ion:142 Resp: 297
Ion Ratio Lower Upper
142 100
127 6.4 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 9.490 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 59 Resp: 1858
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

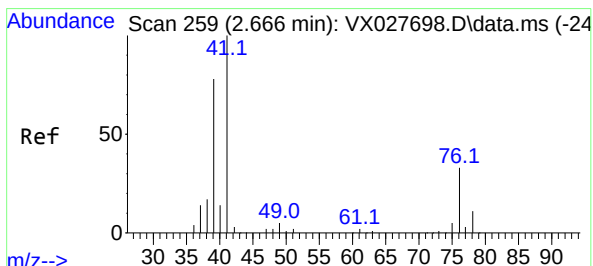
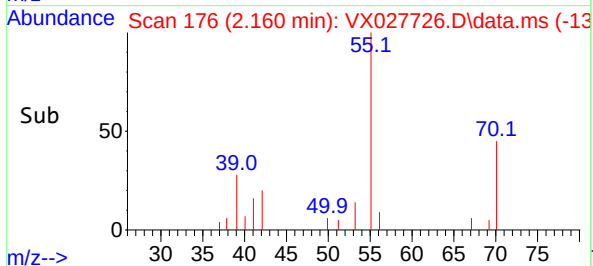
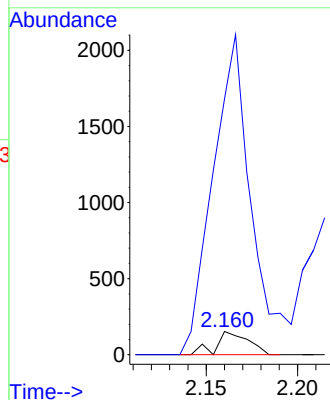
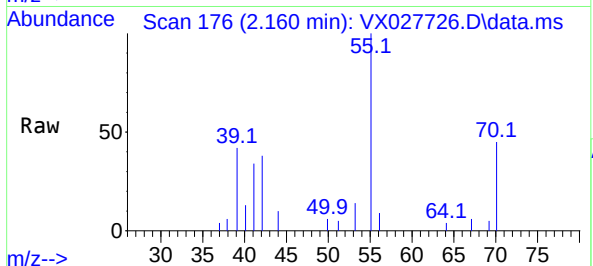




#13
Acrolein
Concen: 1.350 ug/l
RT: 2.160 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX027726.D
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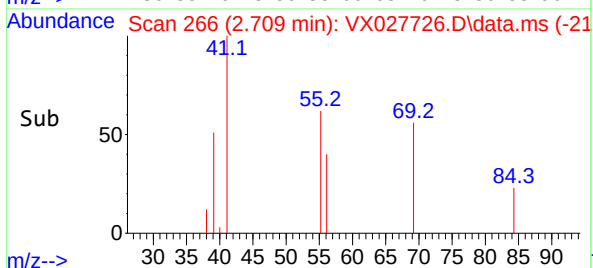
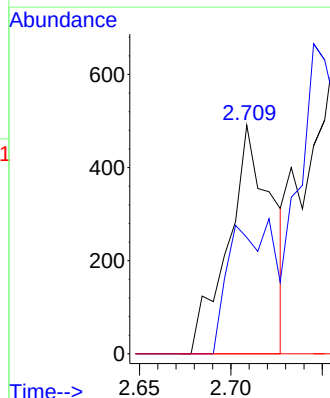
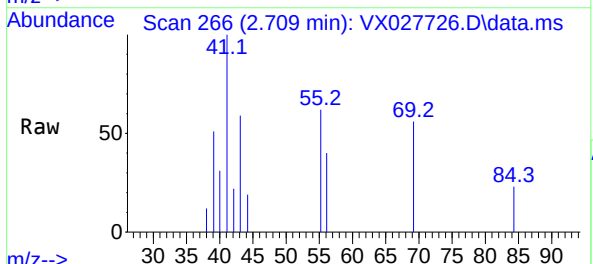
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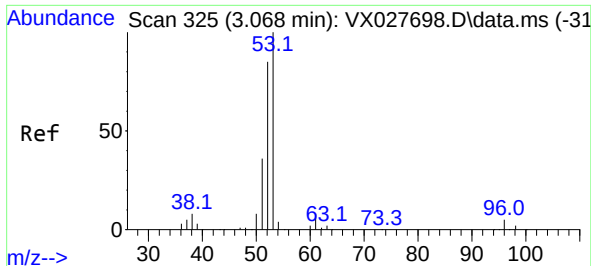
Tgt Ion: 56 Resp: 185
Ion Ratio Lower Upper
56 100
55 1664.9 55.0 82.6#



#14
Allyl chloride
Concen: 0.636 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.043 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 41 Resp: 819
Ion Ratio Lower Upper
41 100
39 40.5 50.4 75.6#
76 0.0 32.7 49.1#

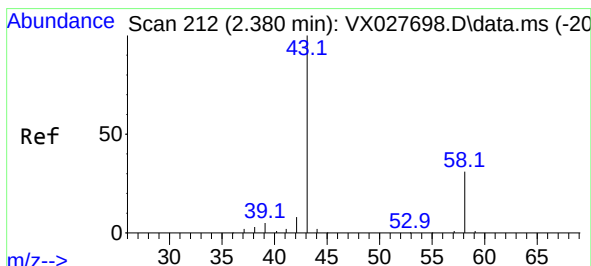
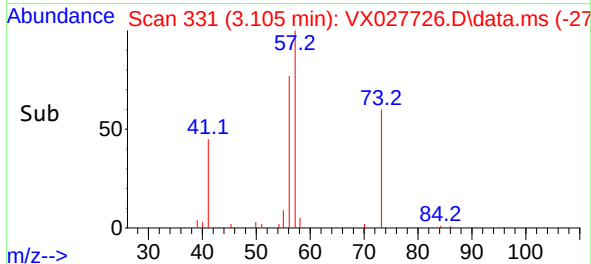
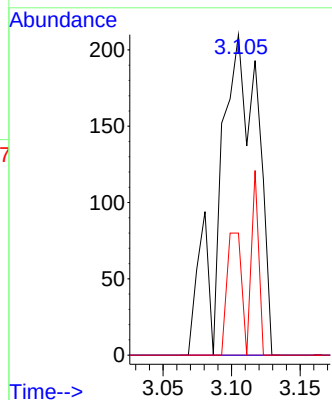
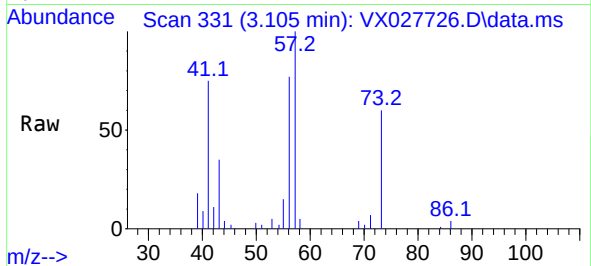




#15
Acrylonitrile
Concen: 0.859 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.037 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

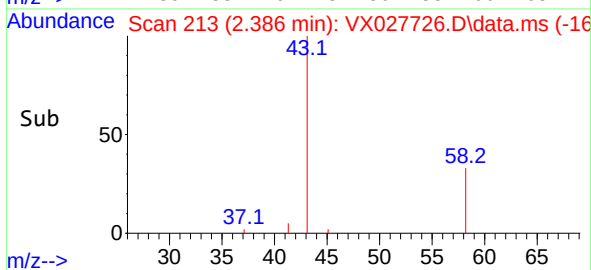
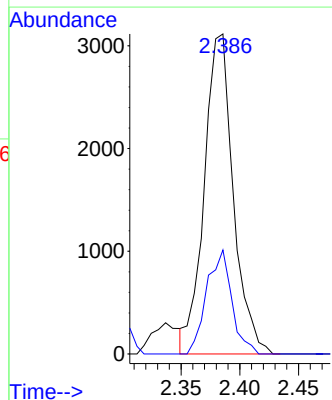
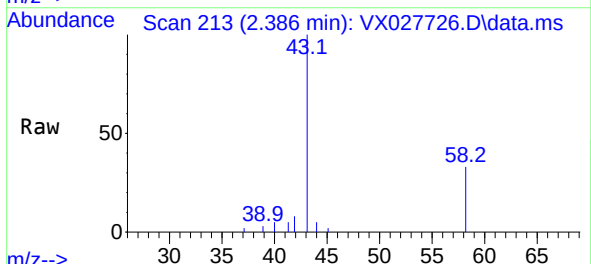
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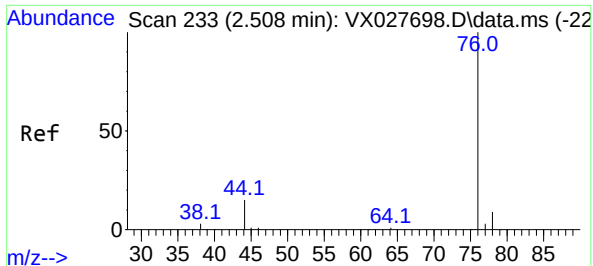
Tgt Ion: 53 Resp: 412
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 14.3 28.4 42.6#



#16
Acetone
Concen: 12.061 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 43 Resp: 5364
Ion Ratio Lower Upper
43 100
58 32.5 28.8 43.2

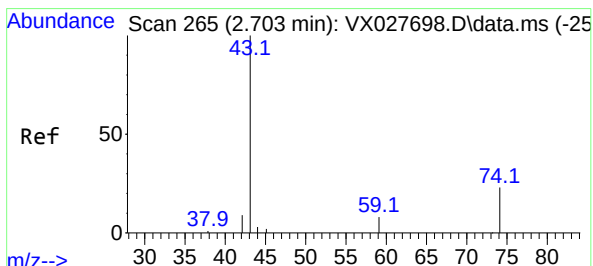
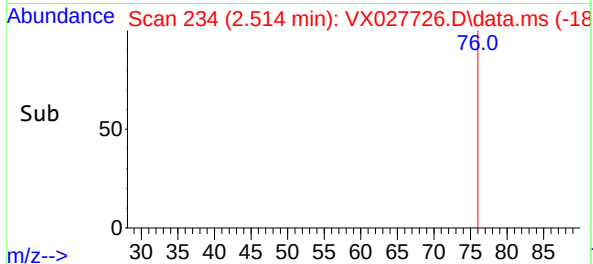
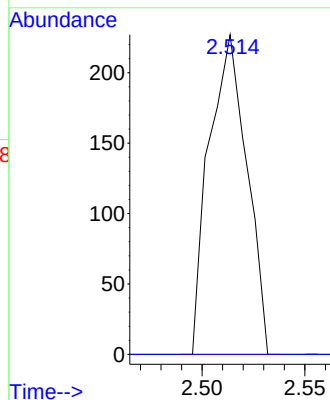
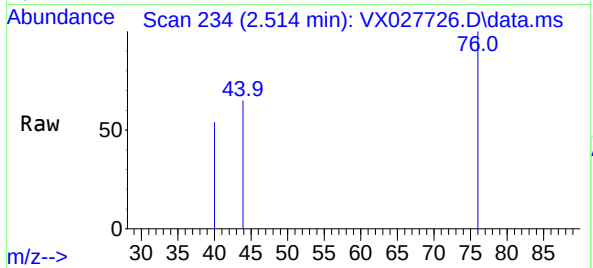




#17
Carbon Disulfide
Concen: 0.159 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

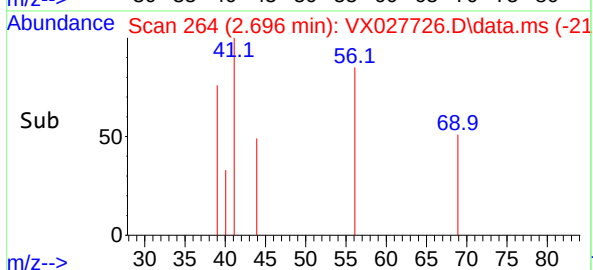
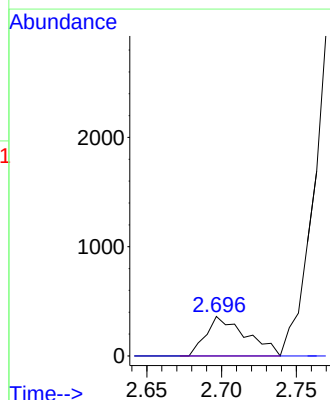
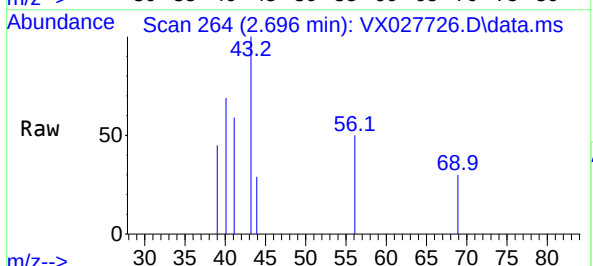
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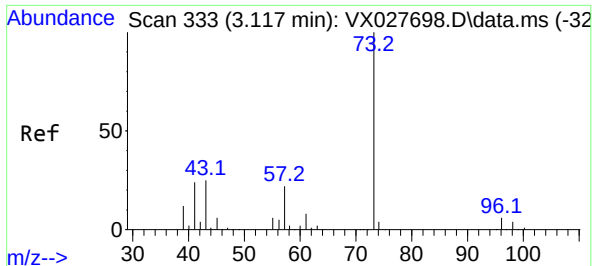
Tgt Ion: 76 Resp: 290
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.591 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.007 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#





#19

Methyl tert-butyl Ether

Concen: 3.210 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

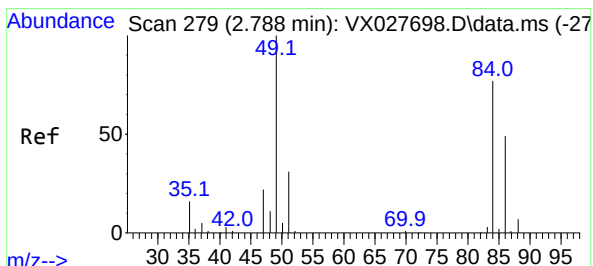
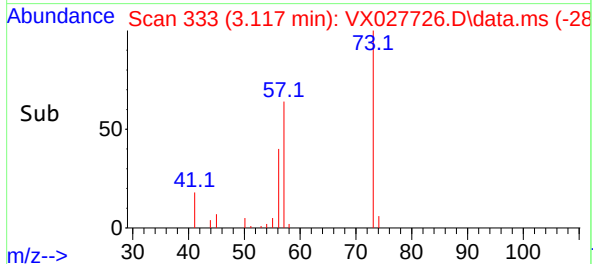
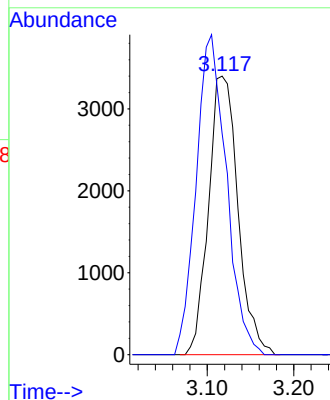
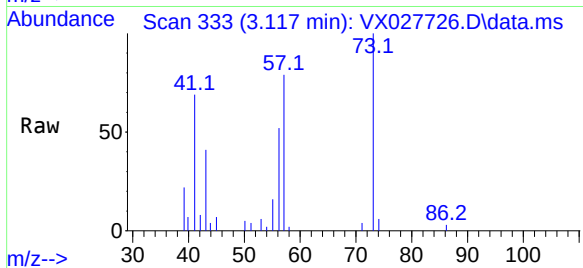
MW-114DL

Tgt Ion: 73 Resp: 8025

Ion Ratio Lower Upper

73 100

57 79.5 16.8 25.2#



#20

Methylene Chloride

Concen: 0.158 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Tgt Ion: 84 Resp: 125

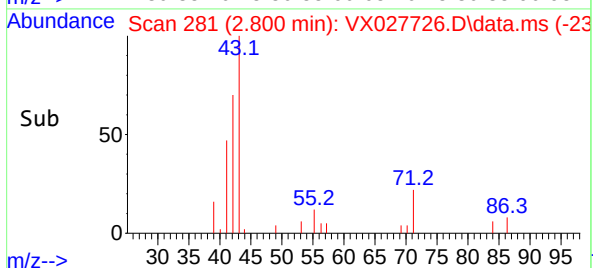
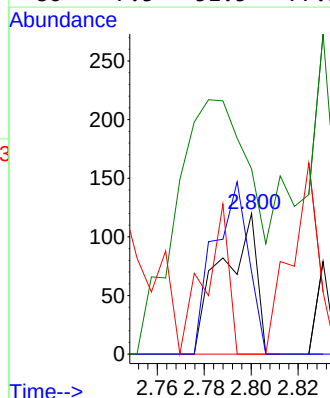
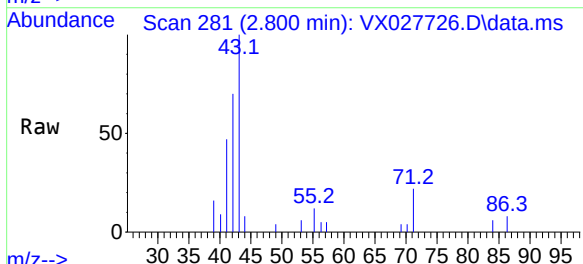
Ion Ratio Lower Upper

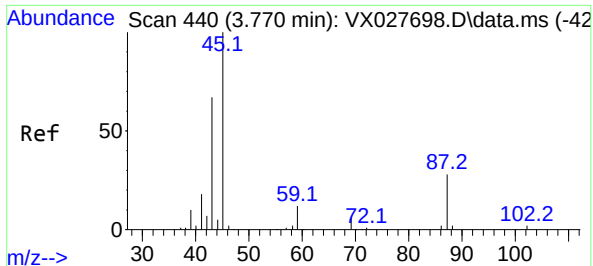
84 100

49 58.3 85.5 128.3#

51 0.0 26.6 39.8#

86 7.5 51.5 77.3#

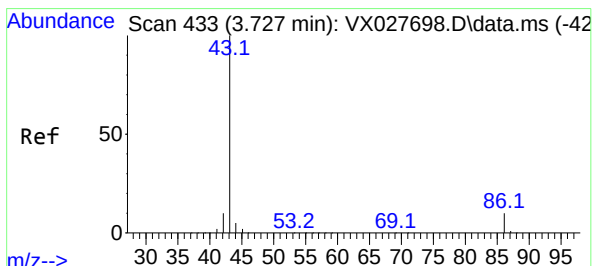
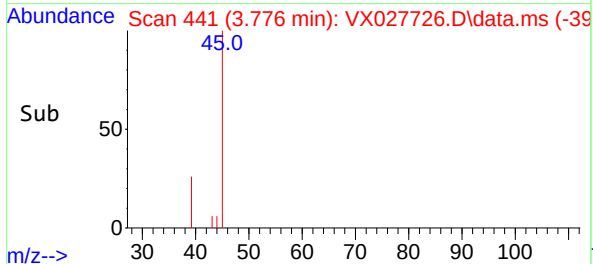
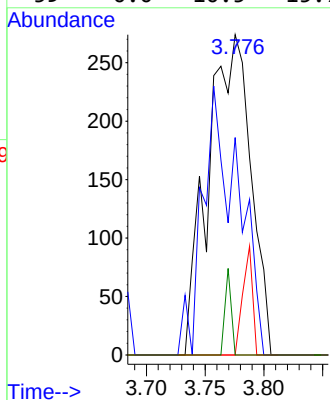
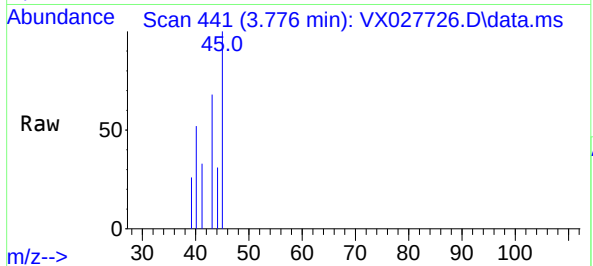




#22
Diisopropyl ether
Concen: 0.271 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

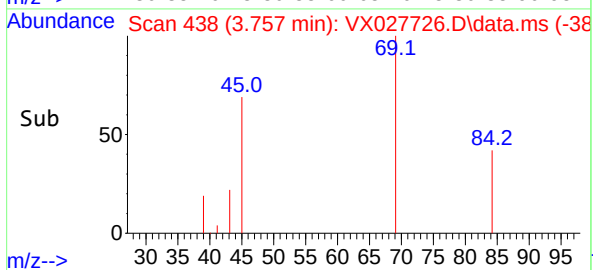
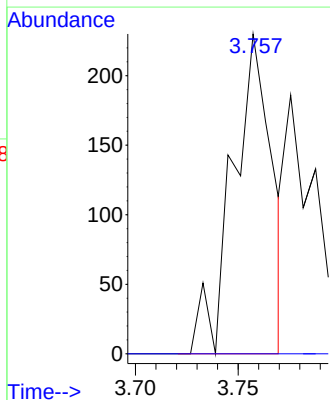
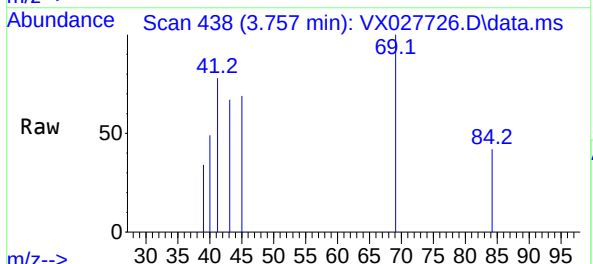
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

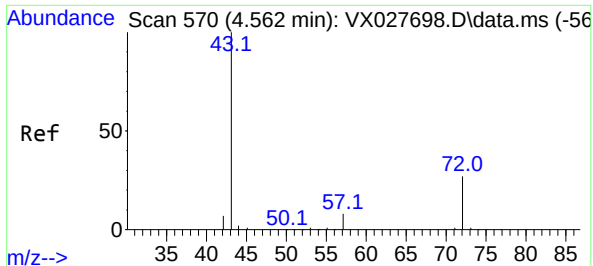
Tgt Ion: 45	Resp:	696
Ion	Ratio	Lower Upper
45	100	
43	67.9	50.8 76.2
87	0.0	26.6 39.8#
59	0.0	10.5 15.7#



#23
Vinyl Acetate
Concen: 0.135 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.030 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 43	Resp:	304
Ion	Ratio	Lower Upper
43	100	
86	0.0	10.8 16.2#





#25

2-Butanone

Concen: 4.815 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

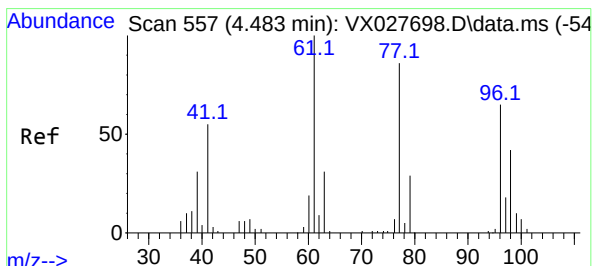
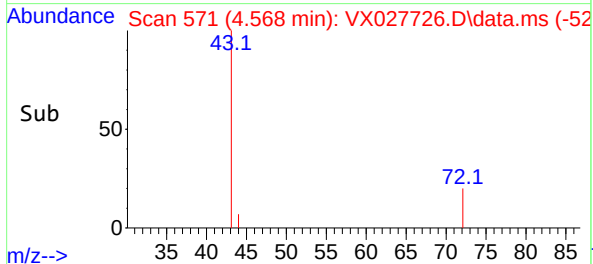
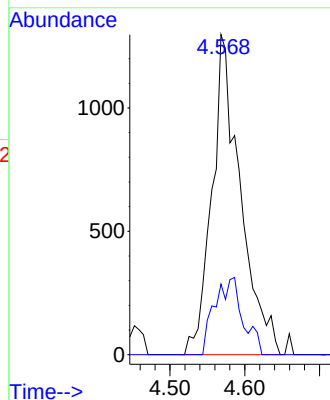
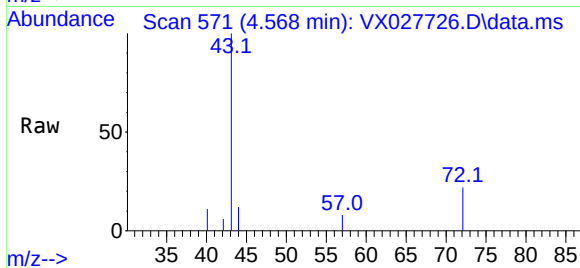
MW-114DL

Tgt Ion: 43 Resp: 3439

Ion Ratio Lower Upper

43 100

72 22.1 24.4 36.6#



#26

2,2-Dichloropropane

Concen: 0.018 ug/l

RT: 4.300 min Scan# 527

Delta R.T. -0.183 min

Lab File: VX027726.D

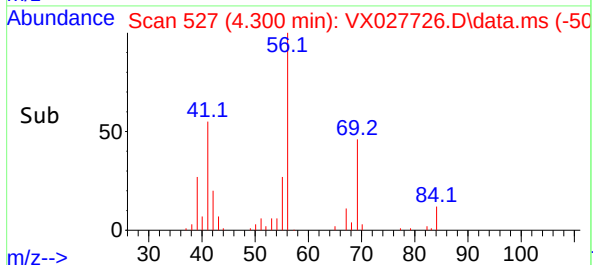
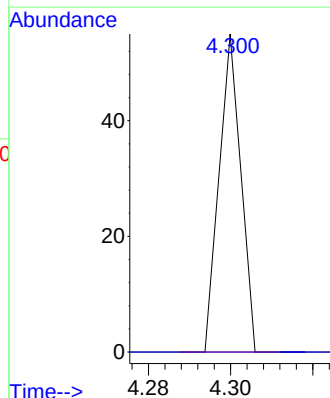
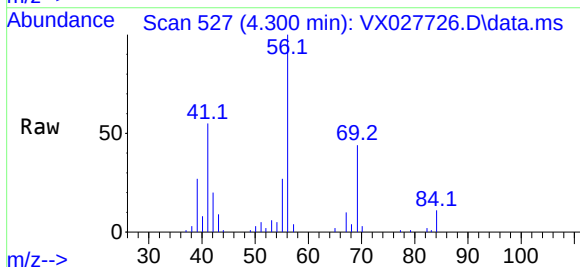
Acq: 26 Mar 2022 14:52

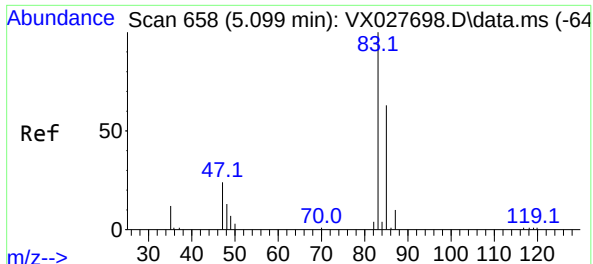
Tgt Ion: 77 Resp: 20

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#





#30

Chloroform

Concen: 0.304 ug/l

RT: 5.153 min Scan# 6

Delta R.T. 0.054 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

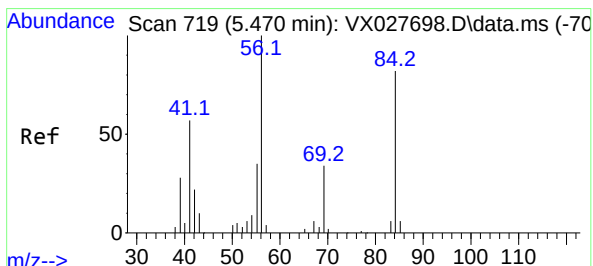
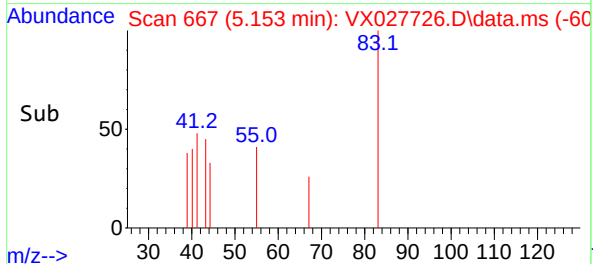
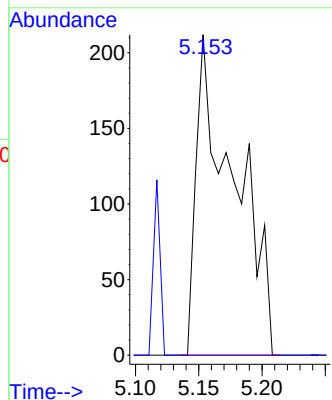
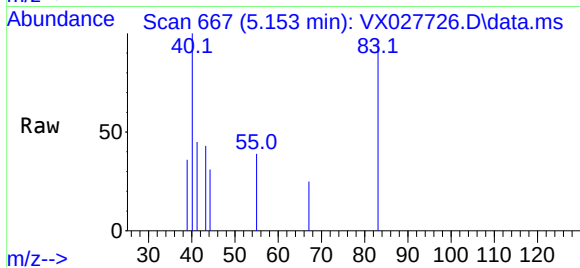
MW-114DL

Tgt Ion: 83 Resp: 443

Ion Ratio Lower Upper

83 100

85 0.0 52.7 79.1#



#31

Cyclohexane

Concen: 7.826 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

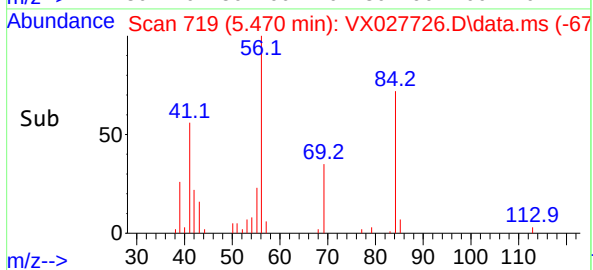
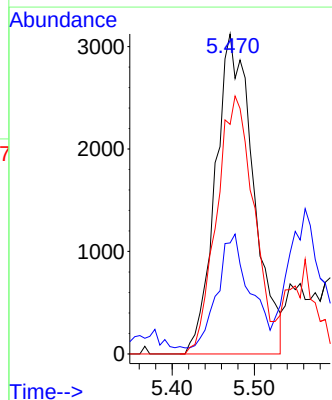
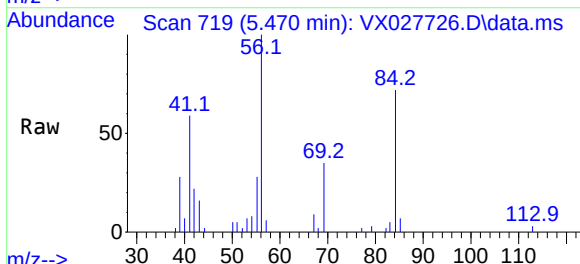
Tgt Ion: 56 Resp: 9979

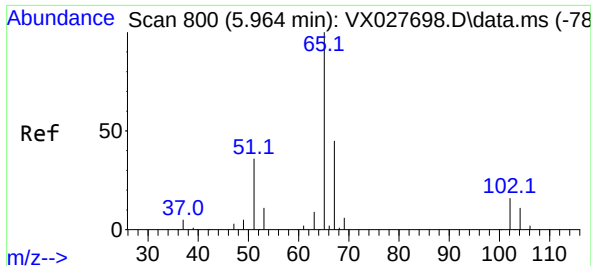
Ion Ratio Lower Upper

56 100

69 32.4 26.7 40.1

84 71.7 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 52.068 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

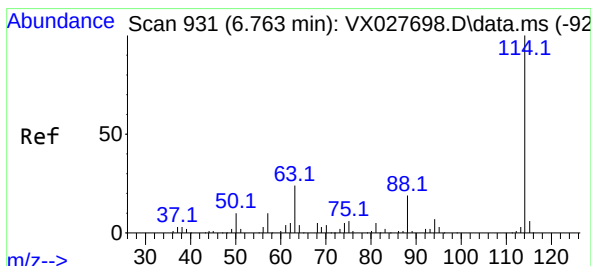
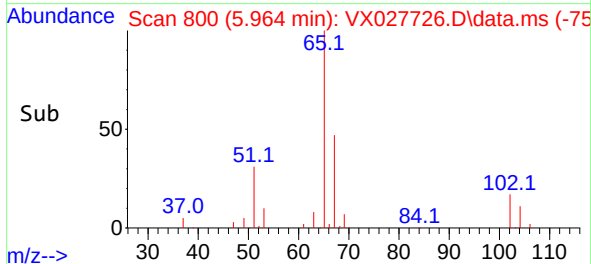
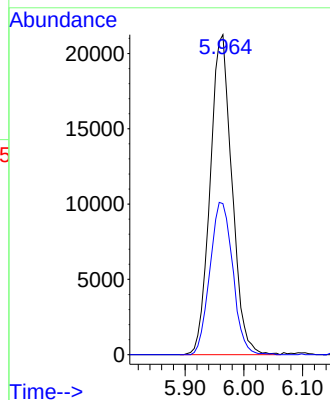
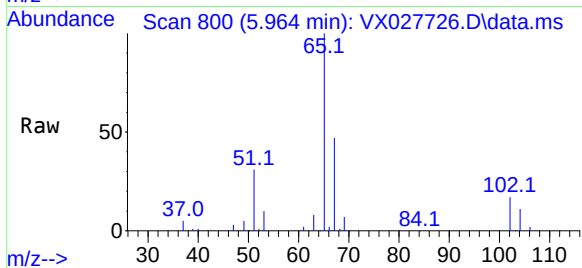
MW-114DL

Tgt Ion: 65 Resp: 54754

Ion Ratio Lower Upper

65 100

67 49.9 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

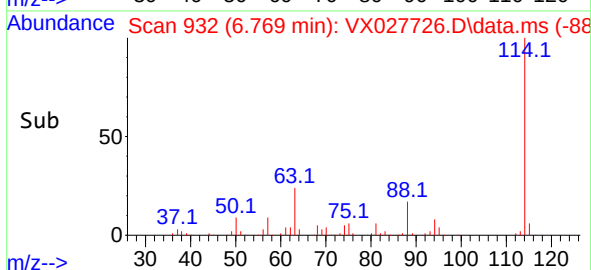
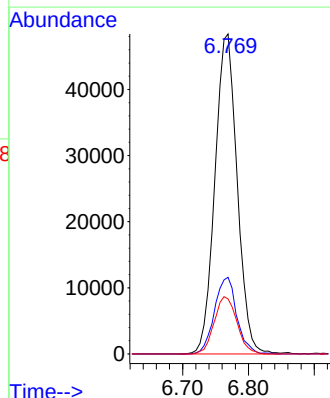
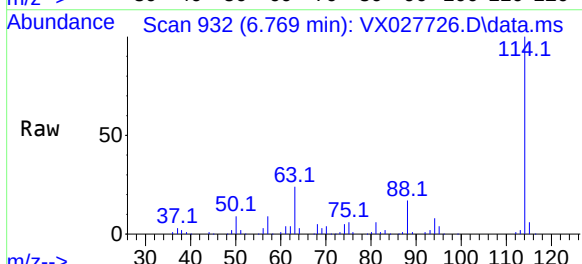
Tgt Ion: 114 Resp: 113969

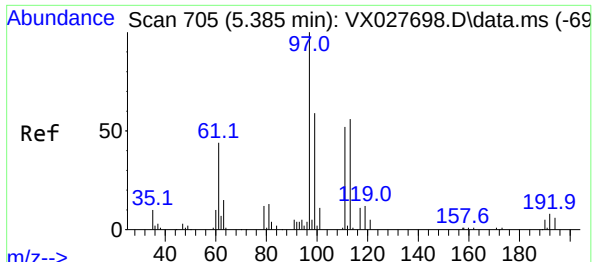
Ion Ratio Lower Upper

114 100

63 23.9 0.0 36.8

88 17.2 0.0 32.4

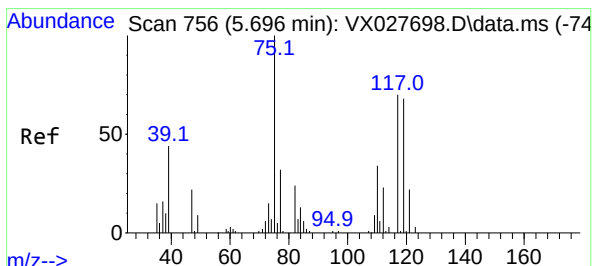
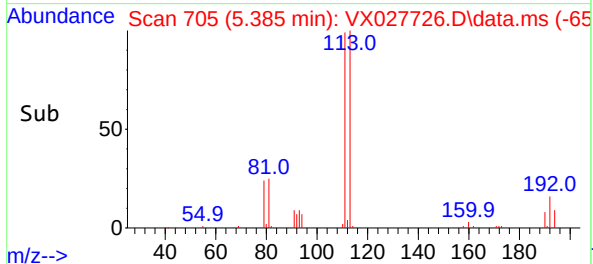
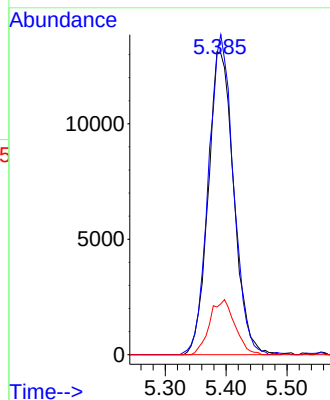
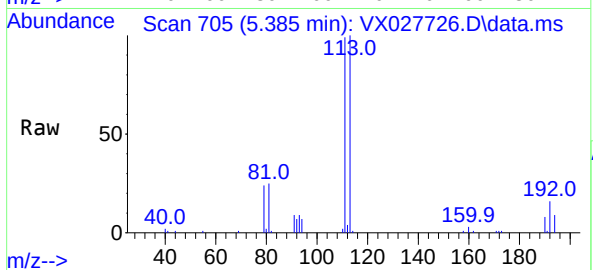




#35
Dibromofluoromethane
Concen: 51.156 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

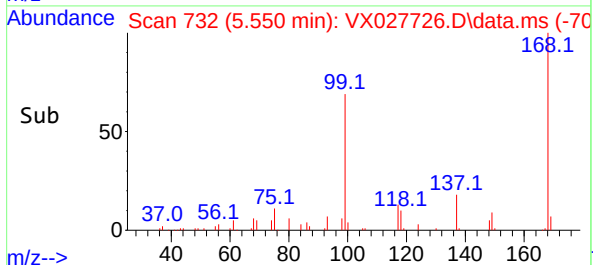
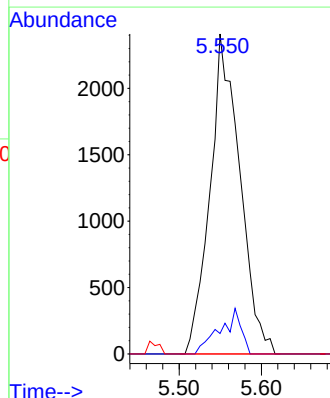
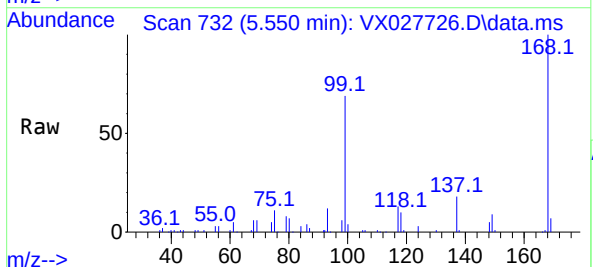
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

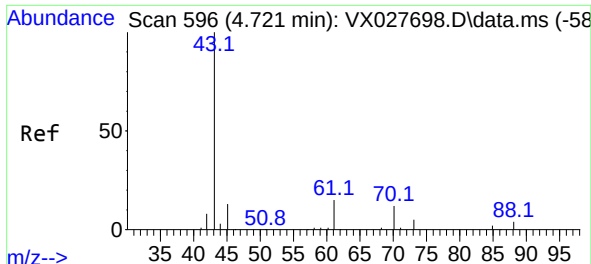
Tgt Ion:113 Resp: 38286
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 17.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.148 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 75 Resp: 6086
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 2.499 ug/l

RT: 4.568 min Scan# 51

Delta R.T. -0.153 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

MW-114DL

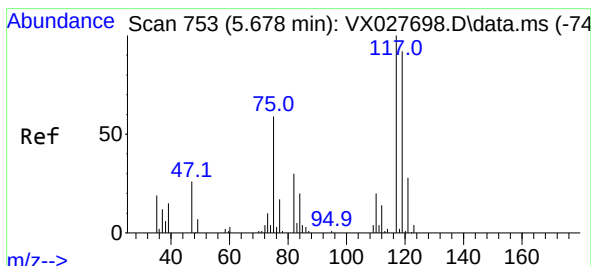
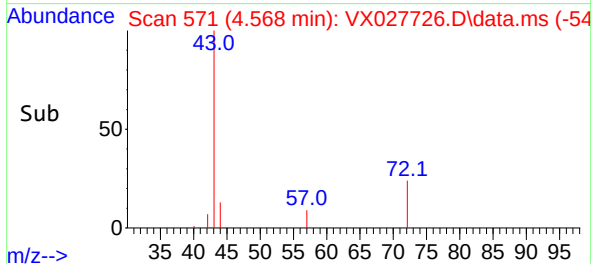
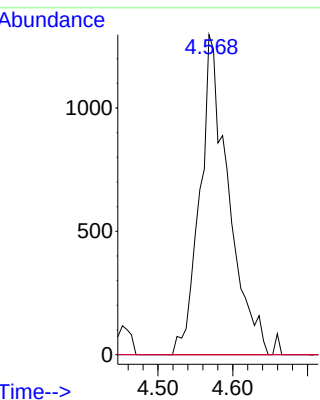
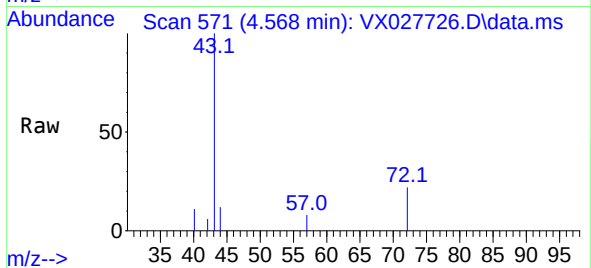
Tgt Ion: 43 Resp: 3439

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 6.553 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

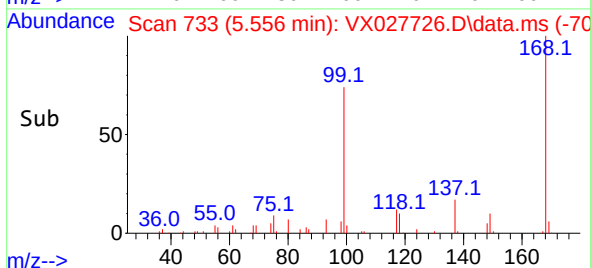
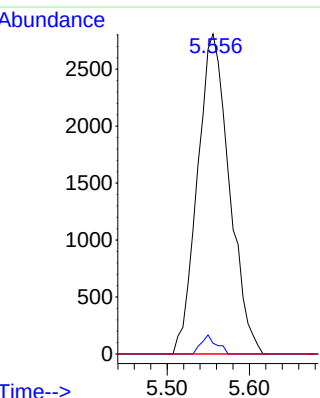
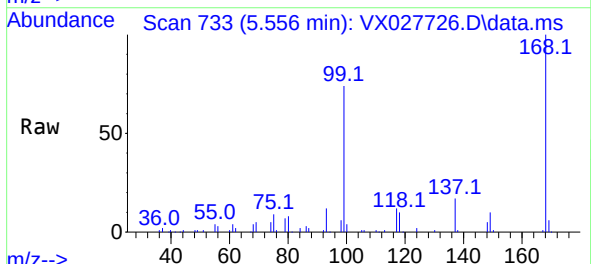
Tgt Ion: 117 Resp: 7570

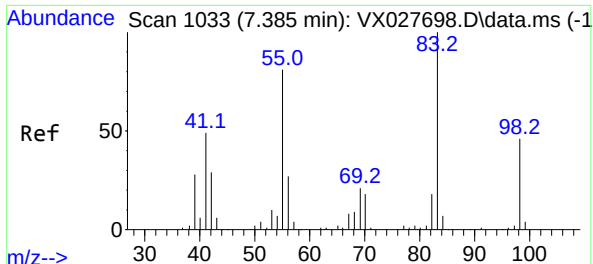
Ion Ratio Lower Upper

117 100

119 3.3 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 5.147 ug/l

RT: 7.385 min Scan# 10

Delta R.T. -0.000 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

MW-114DL

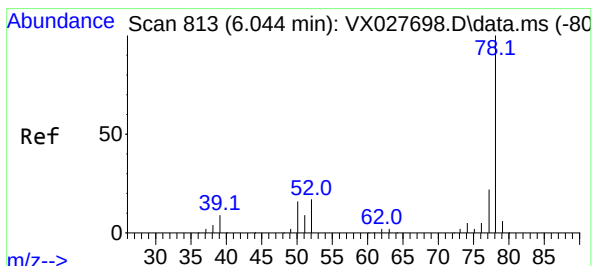
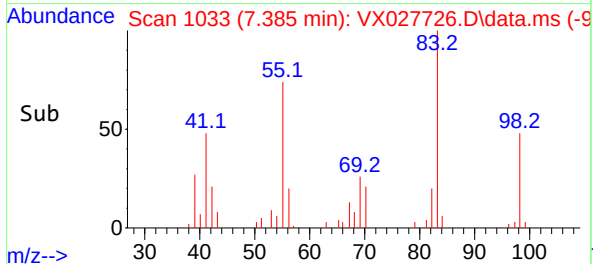
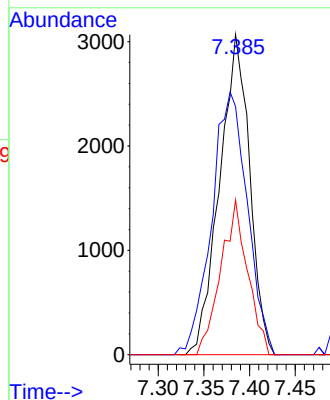
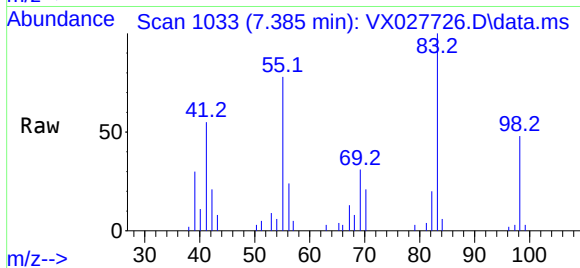
Tgt Ion: 83 Resp: 6999

Ion Ratio Lower Upper

83 100

55 77.6 54.6 81.8

98 48.4 37.4 56.2



#40

Benzene

Concen: 98.233 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX027726.D

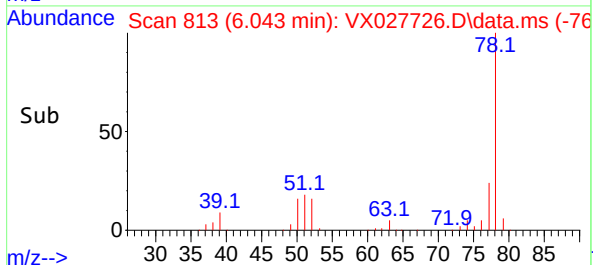
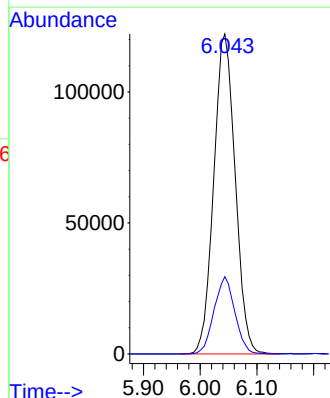
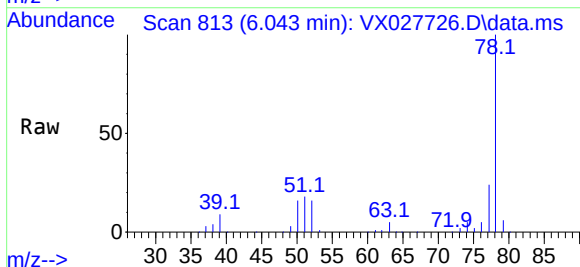
Acq: 26 Mar 2022 14:52

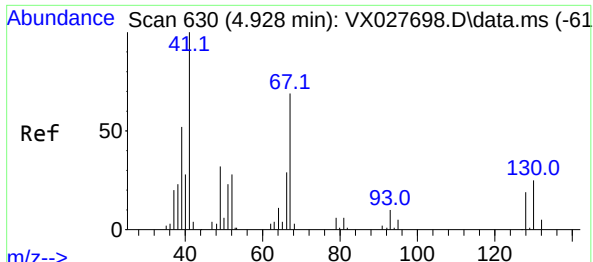
Tgt Ion: 78 Resp: 320777

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9

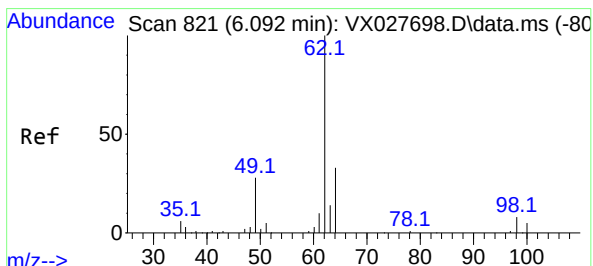
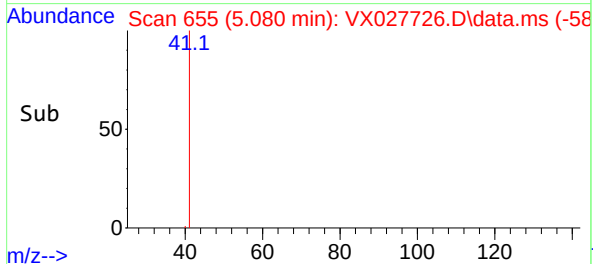
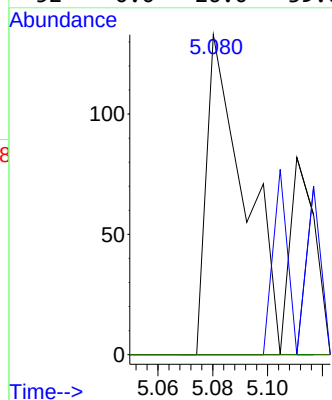
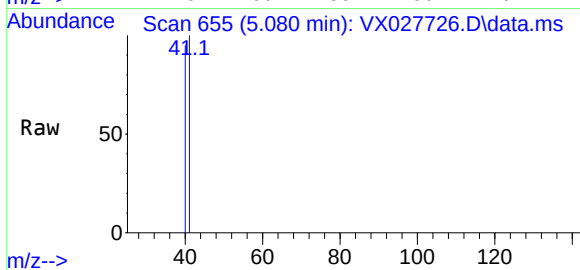




#41
Methacrylonitrile
Concen: 0.179 ug/l
RT: 5.080 min Scan# 61
Delta R.T. 0.152 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

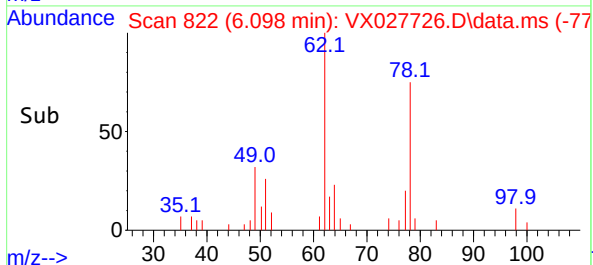
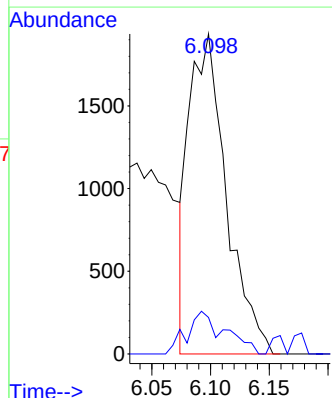
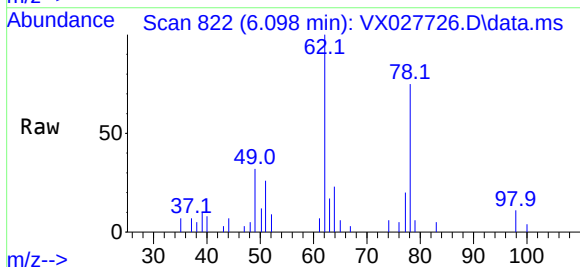
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

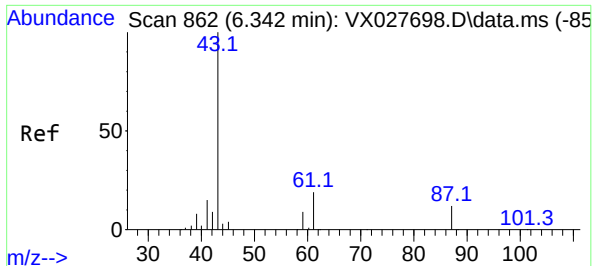
Tgt Ion:	41	Resp:	129
Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.0	64.4#
67	0.0	70.2	105.4#
52	0.0	26.0	39.0#



#42
1,2-Dichloroethane
Concen: 3.071 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion:	62	Resp:	4263
Ion	Ratio	Lower	Upper
62	100		
98	13.6	0.0	20.4

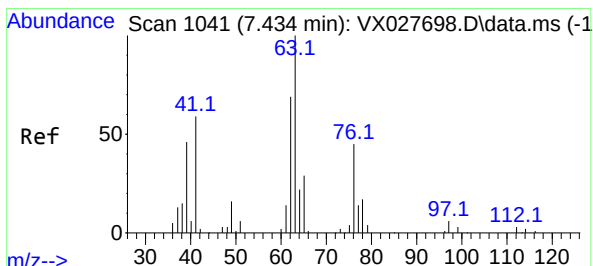
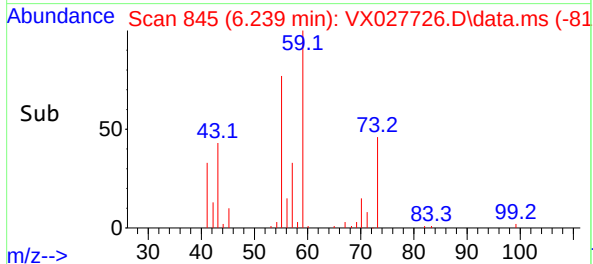
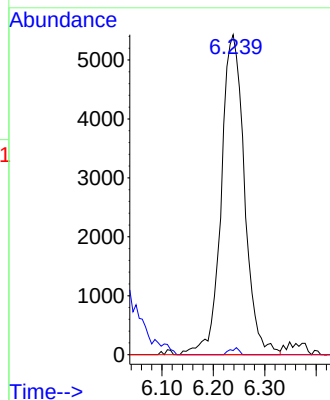
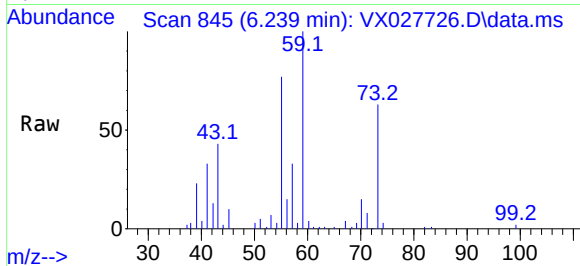




#43
Isopropyl Acetate
Concen: 8.204 ug/l
RT: 6.239 min Scan# 84
Delta R.T. -0.103 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

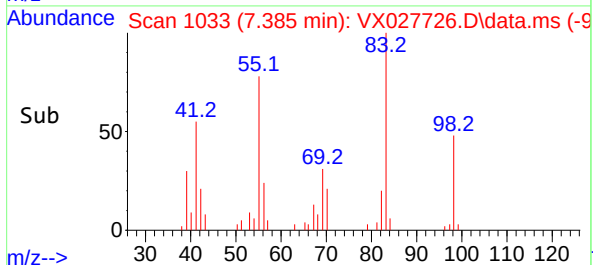
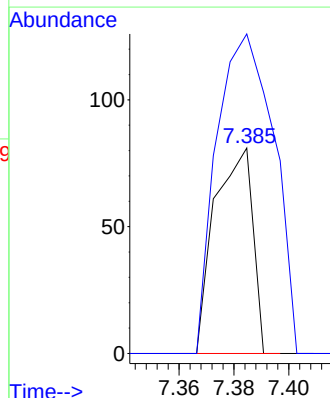
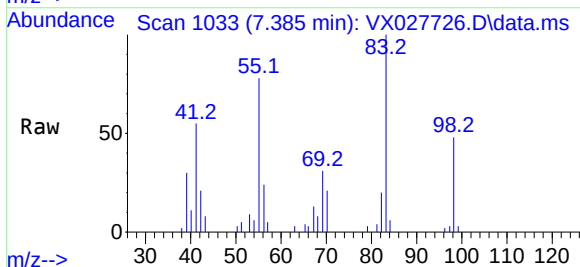
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

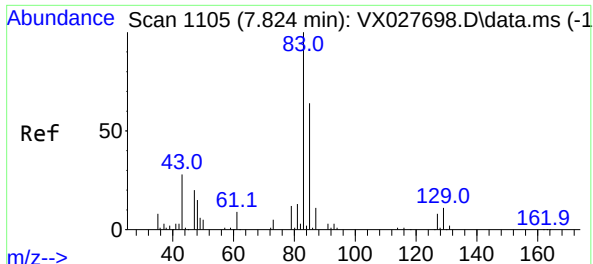
Tgt Ion: 43 Resp: 17049
Ion Ratio Lower Upper
43 100
61 0.9 18.5 27.7#
87 0.0 13.0 19.6#



#45
1,2-Dichloropropane
Concen: 0.091 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.049 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 63 Resp: 78
Ion Ratio Lower Upper
63 100
65 155.6 25.8 38.6#

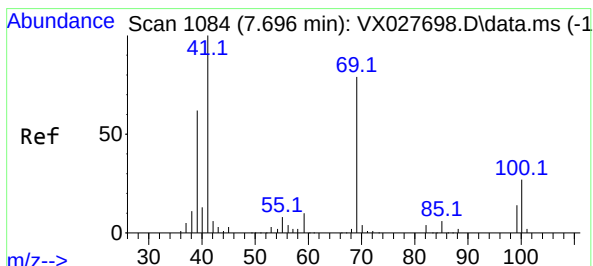
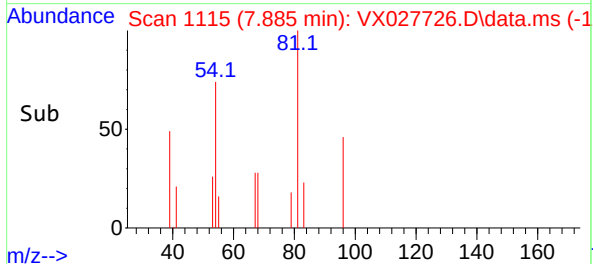
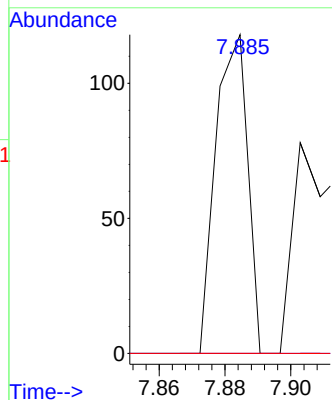
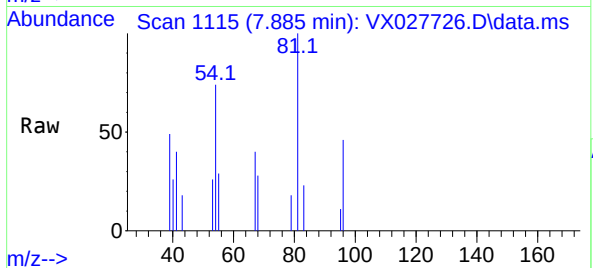




#47
Bromodichloromethane
Concen: 0.066 ug/l
RT: 7.885 min Scan# 1115
Delta R.T. 0.061 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

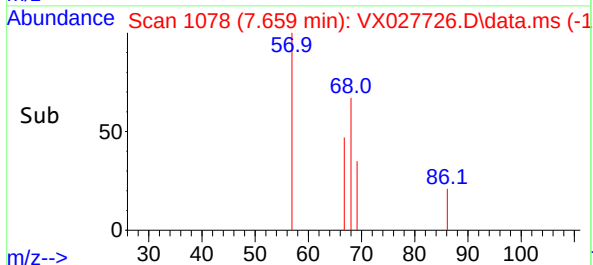
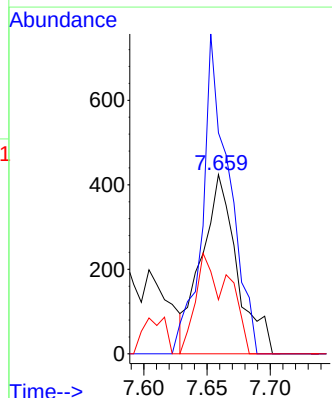
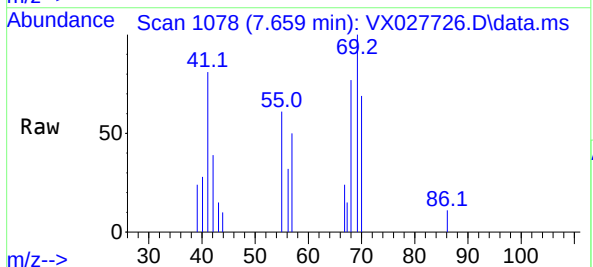
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

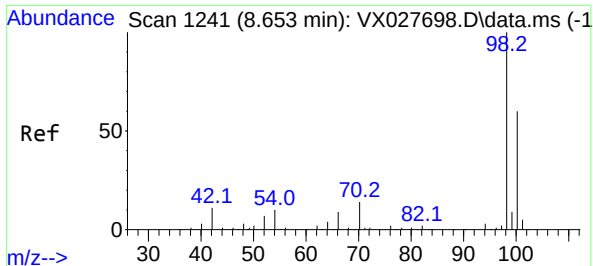
Tgt Ion: 83 Resp: 79
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.2#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: Below Cal
RT: 7.659 min Scan# 1078
Delta R.T. -0.037 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 41 Resp: 826
Ion Ratio Lower Upper
41 100
69 135.2 82.5 123.7#
39 52.2 43.8 65.8





#50

Toluene-d8

Concen: 49.592 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

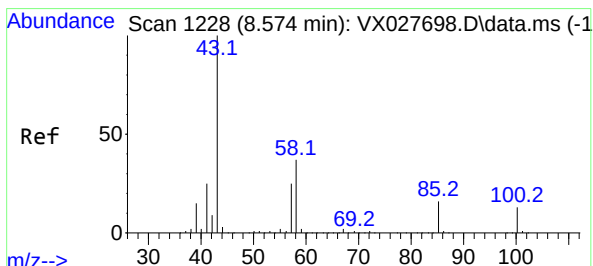
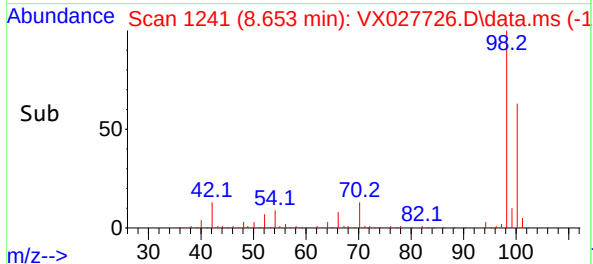
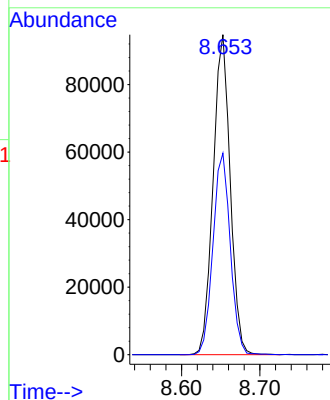
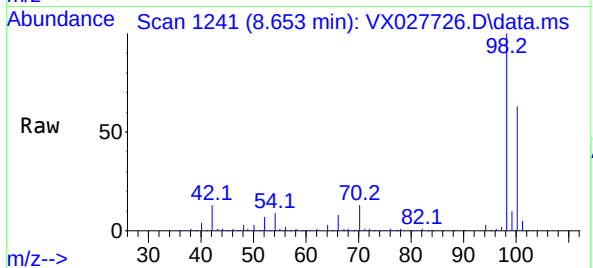
MW-114DL

Tgt Ion: 98 Resp: 143477

Ion Ratio Lower Upper

98 100

100 63.7 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 0.576 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. -0.001 min

Lab File: VX027726.D

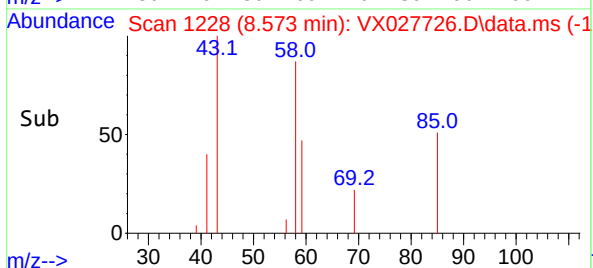
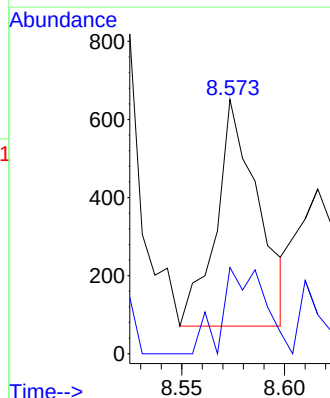
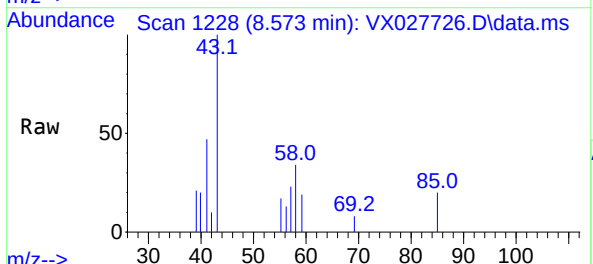
Acq: 26 Mar 2022 14:52

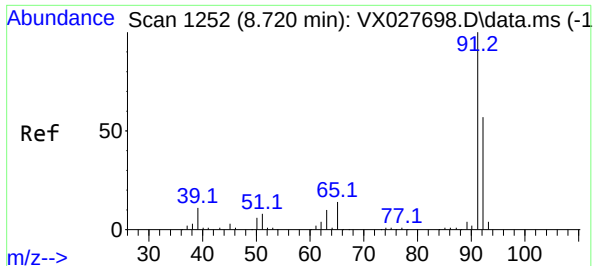
Tgt Ion: 43 Resp: 821

Ion Ratio Lower Upper

43 100

58 39.3 36.1 54.1





#52

Toluene

Concen: 127.727 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

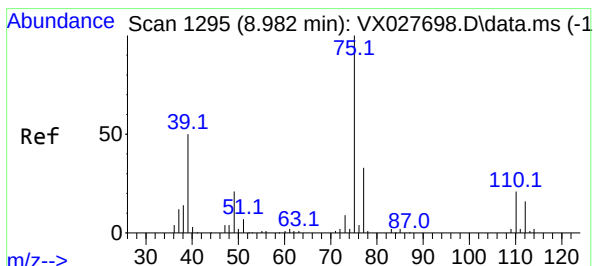
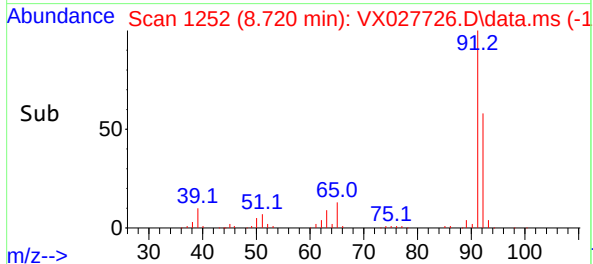
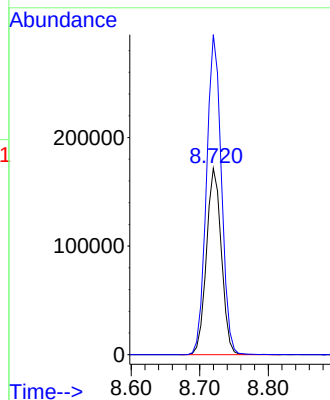
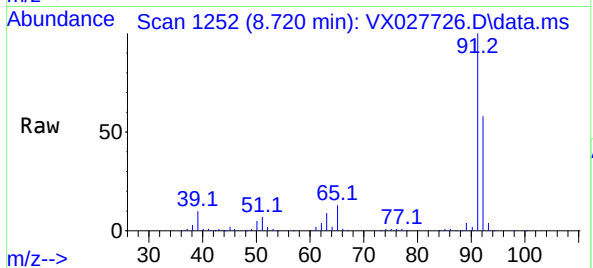
MW-114DL

Tgt Ion: 92 Resp: 260751

Ion Ratio Lower Upper

92 100

91 171.5 137.5 206.3



#53

t-1,3-Dichloropropene

Concen: 4.063 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.262 min

Lab File: VX027726.D

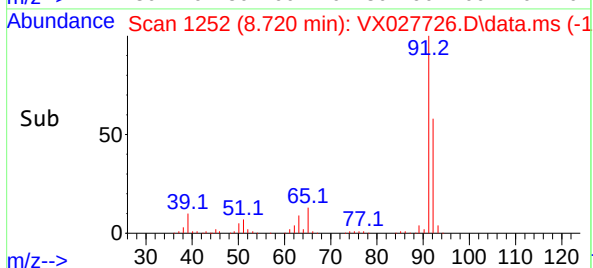
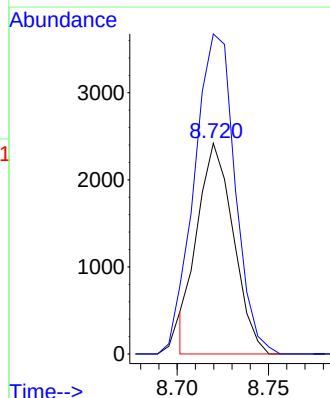
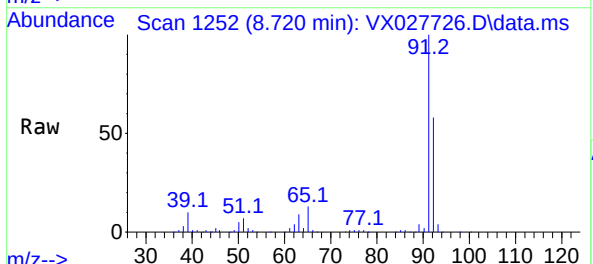
Acq: 26 Mar 2022 14:52

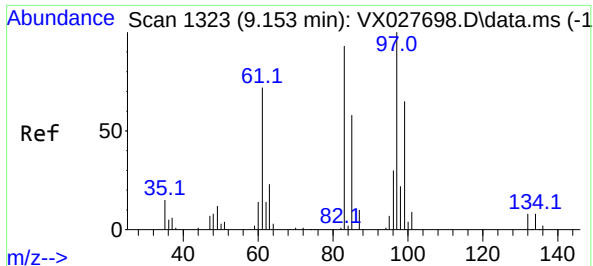
Tgt Ion: 75 Resp: 3321

Ion Ratio Lower Upper

75 100

77 151.8 25.4 38.0#



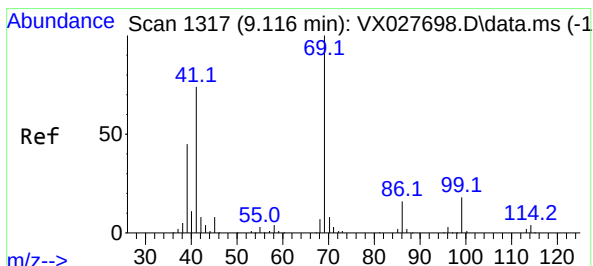
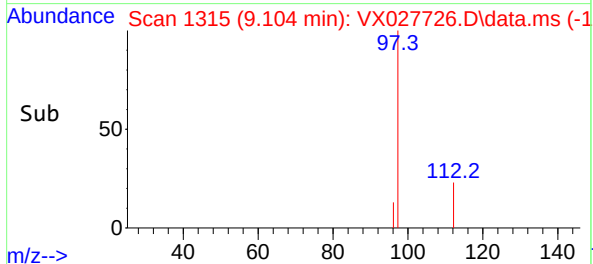
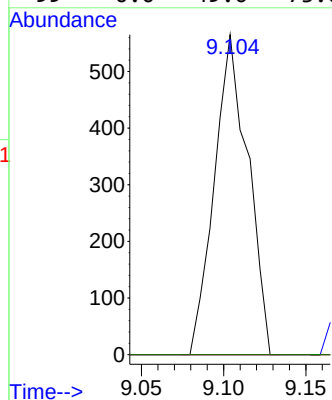
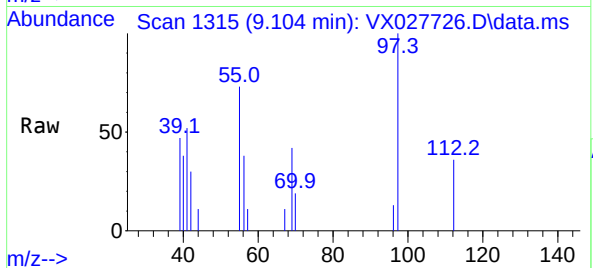


#55
1,1,2-Trichloroethane
Concen: 0.969 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

Tgt Ion: 97 Resp: 804

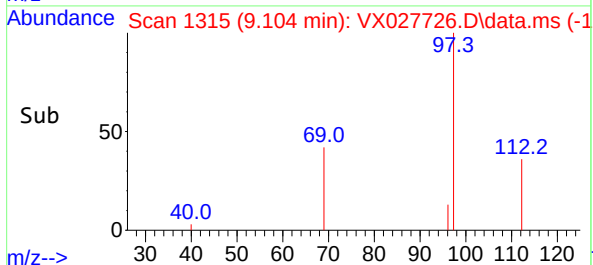
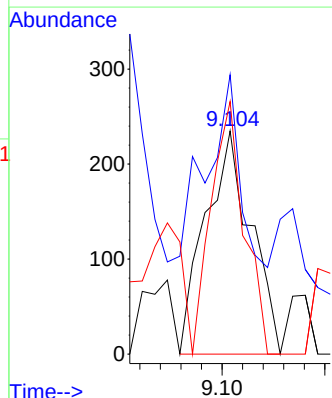
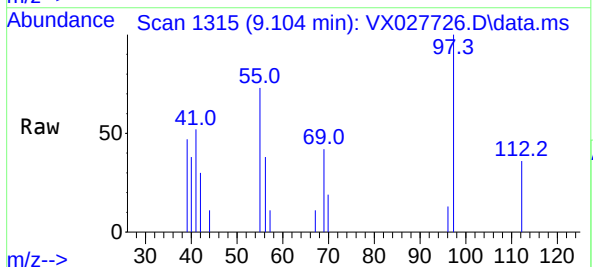
Ion	Ratio	Lower	Upper
97	100		
83	0.0	66.2	99.4#
85	0.0	42.9	64.3#
99	0.0	49.0	73.6#

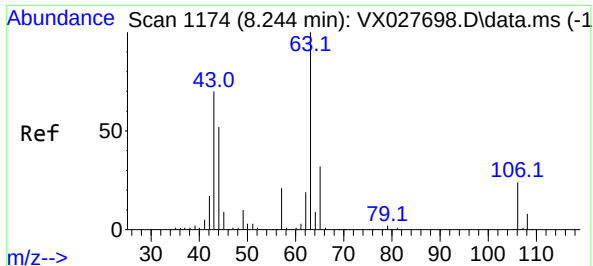


#56
Ethyl methacrylate
Concen: 0.266 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.012 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 69 Resp: 361

Ion	Ratio	Lower	Upper
69	100		
41	61.5	43.8	65.6
39	82.3	22.2	33.2#





#58

2-Chloroethyl Vinyl ether

Concen: 0.071 ug/l

RT: 8.433 min Scan# 1174

Delta R.T. 0.189 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

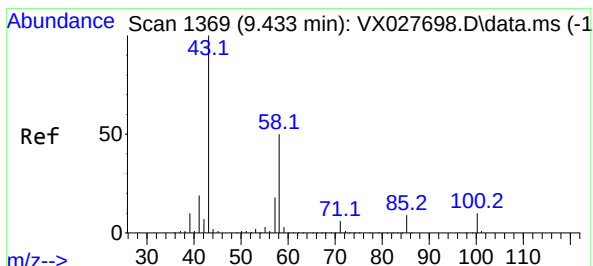
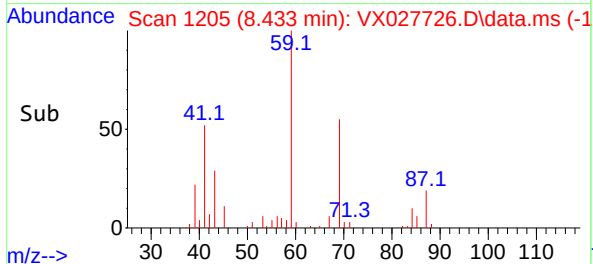
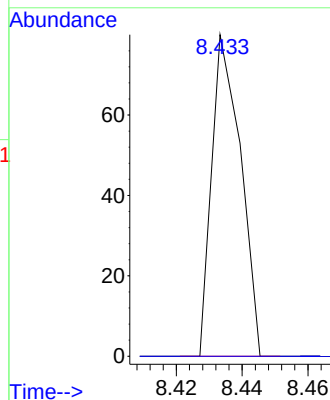
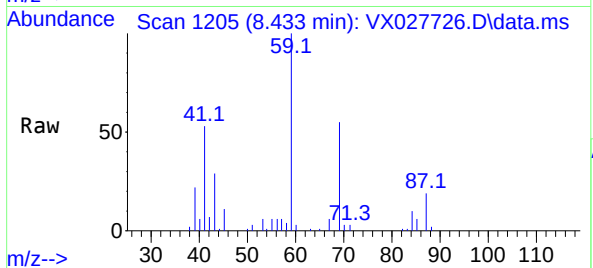
MW-114DL

Tgt Ion: 63 Resp: 49

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#



#59

2-Hexanone

Concen: 1.399 ug/l

RT: 9.567 min Scan# 1391

Delta R.T. 0.134 min

Lab File: VX027726.D

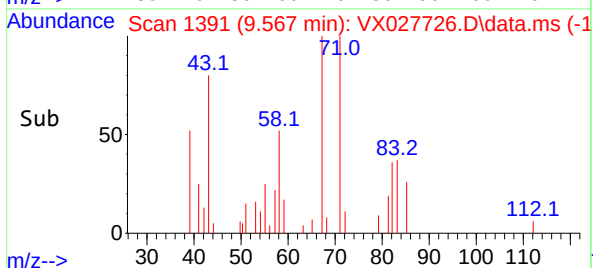
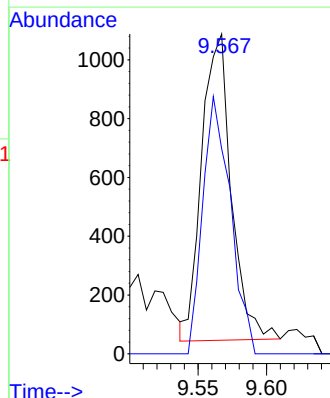
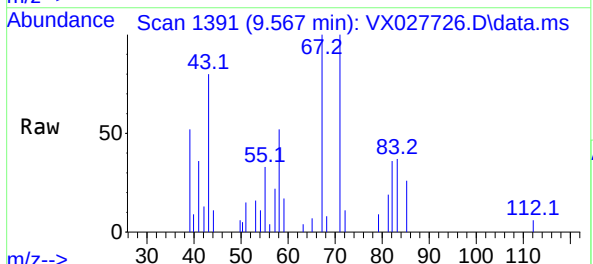
Acq: 26 Mar 2022 14:52

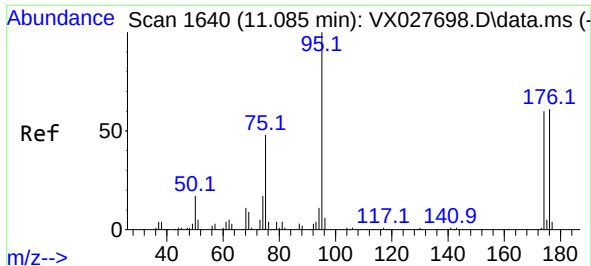
Tgt Ion: 43 Resp: 1560

Ion Ratio Lower Upper

43 100

58 78.7 31.9 95.7

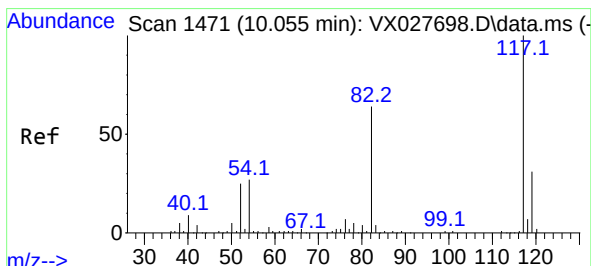
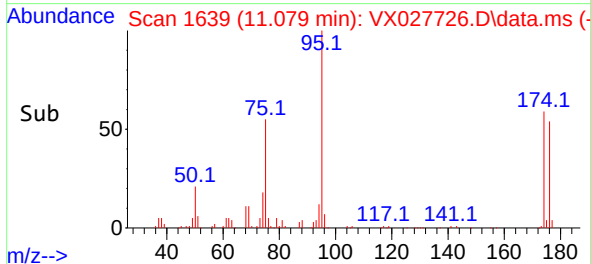
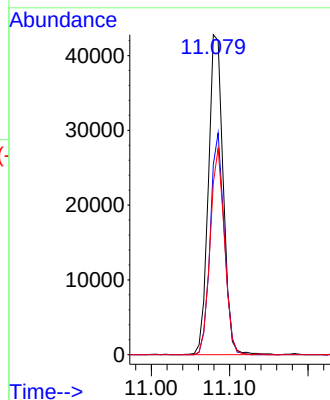
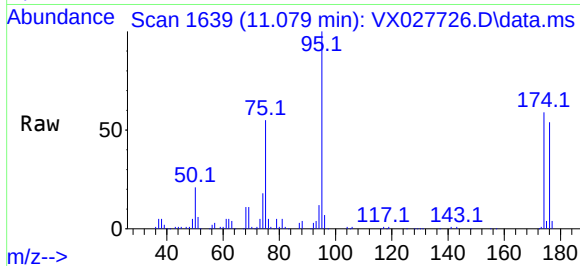




#62
4-Bromofluorobenzene
Concen: 47.731 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

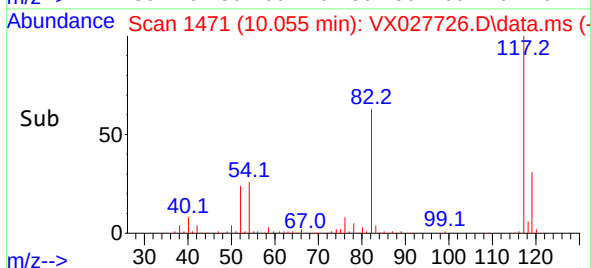
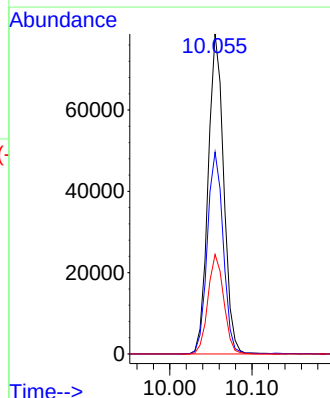
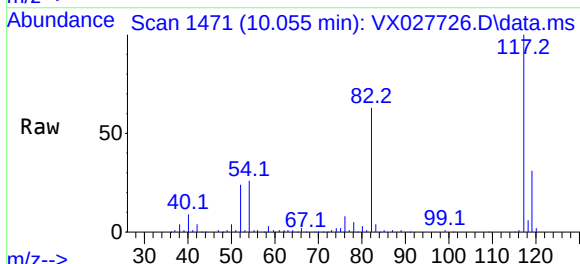
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

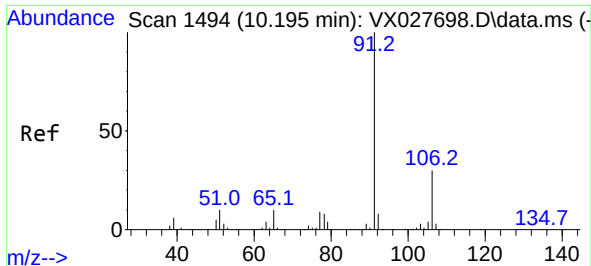
Tgt Ion: 95 Resp: 56034
Ion Ratio Lower Upper
95 100
174 65.2 0.0 163.0
176 61.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 117 Resp: 103624
Ion Ratio Lower Upper
117 100
82 63.1 41.8 62.8#
119 31.1 24.8 37.2





#67

Ethyl Benzene

Concen: 27.963 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

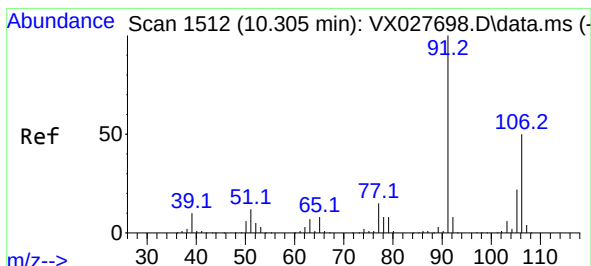
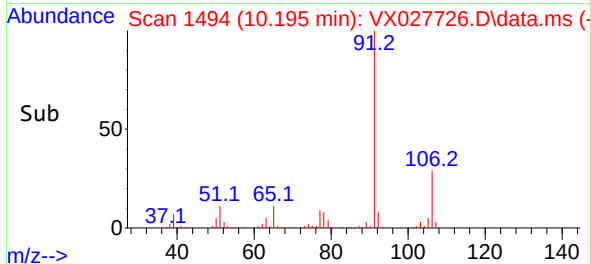
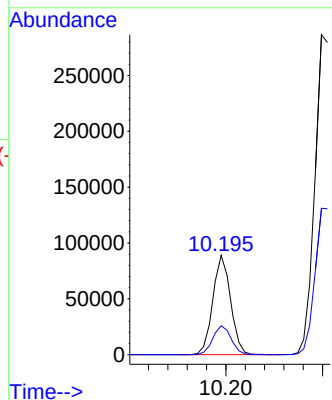
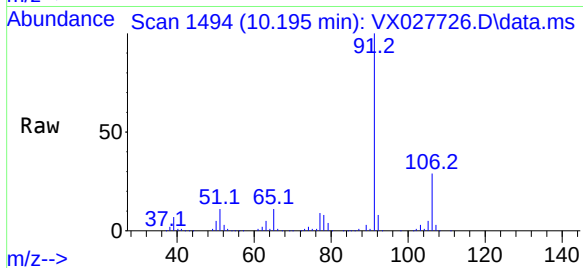
MW-114DL

Tgt Ion: 91 Resp: 113705

Ion Ratio Lower Upper

91 100

106 29.2 24.6 36.8



#68

m/p-Xylenes

Concen: 123.719 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX027726.D

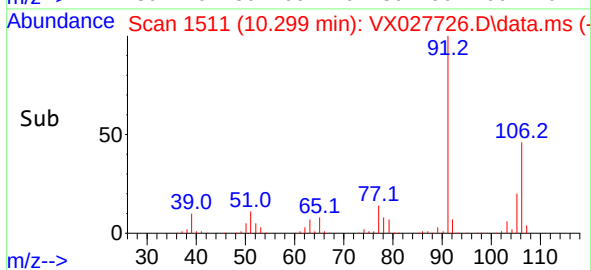
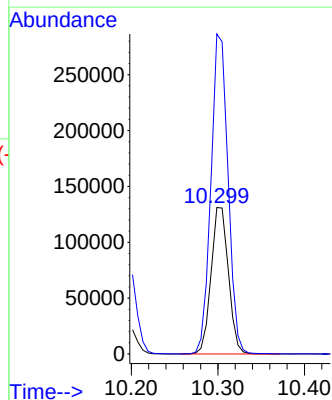
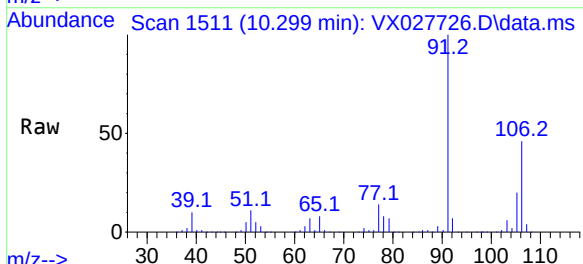
Acq: 26 Mar 2022 14:52

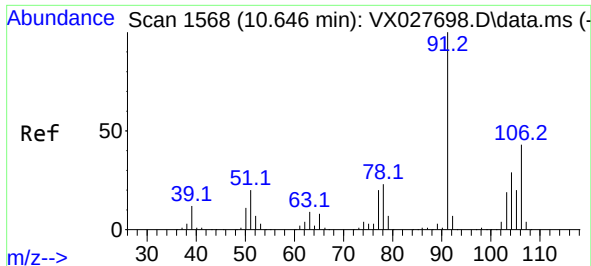
Tgt Ion:106 Resp: 182343

Ion Ratio Lower Upper

106 100

91 215.9 160.4 240.6

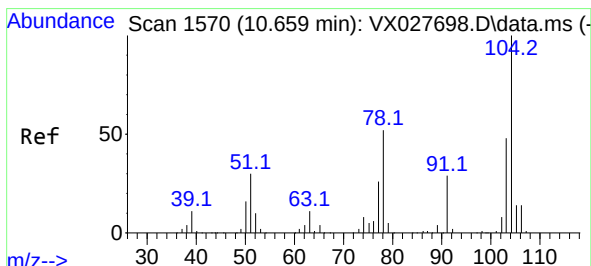
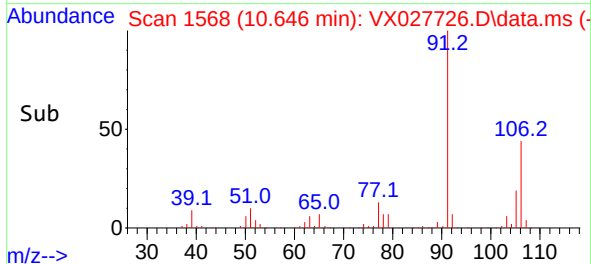
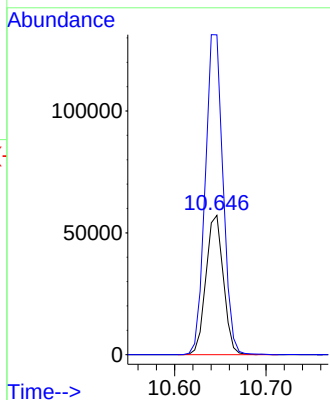
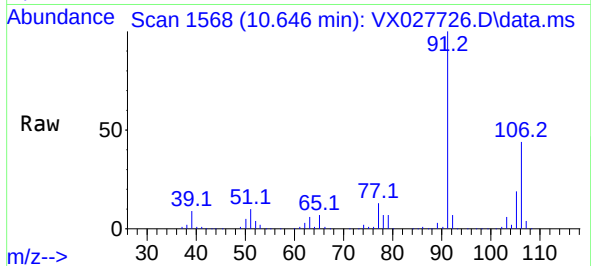




#69
o-Xylene
Concen: 51.038 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

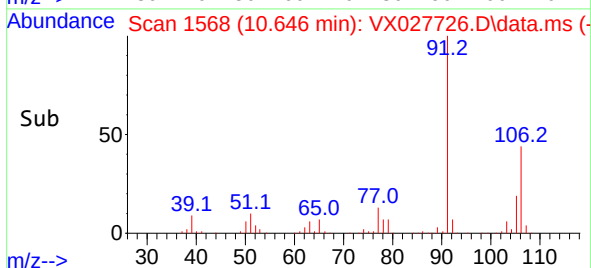
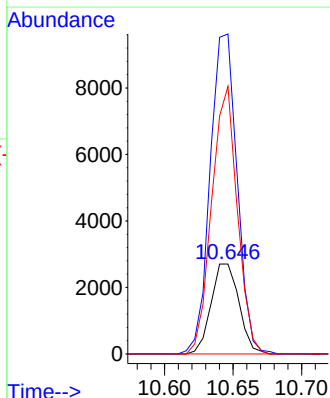
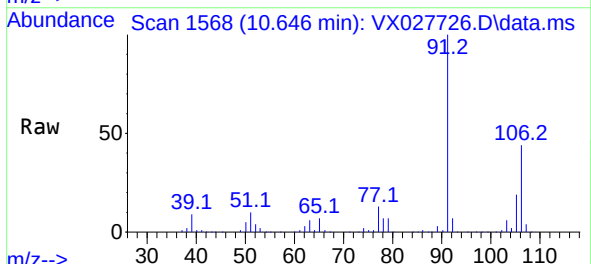
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

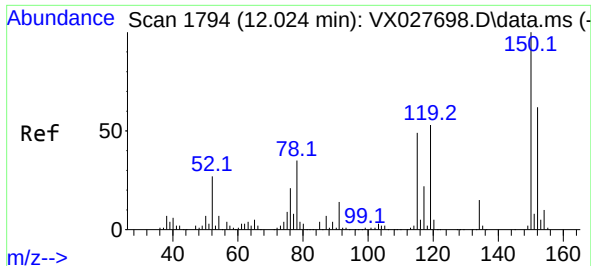
Tgt Ion:106 Resp: 75589
Ion Ratio Lower Upper
106 100
91 234.0 106.1 318.1



#70
Styrene
Concen: 1.627 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.013 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion:104 Resp: 3830
Ion Ratio Lower Upper
104 100
78 344.4 38.6 57.8#
103 273.0 43.8 65.8#

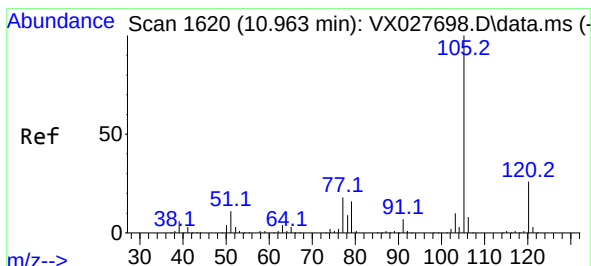
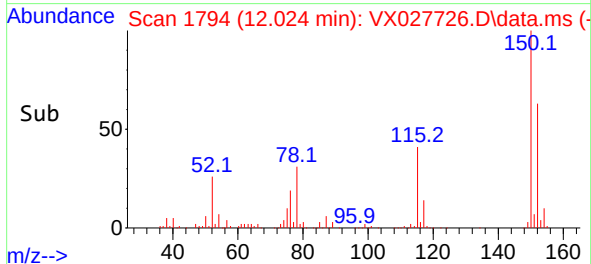
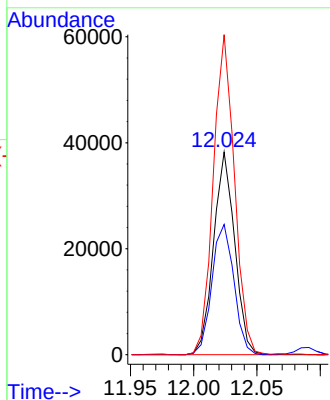
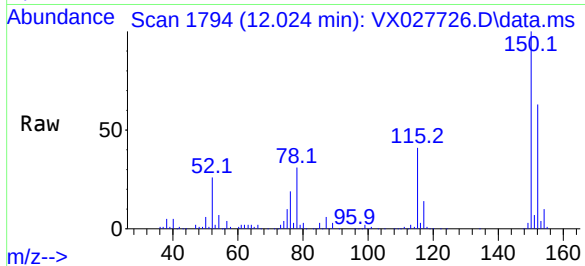




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

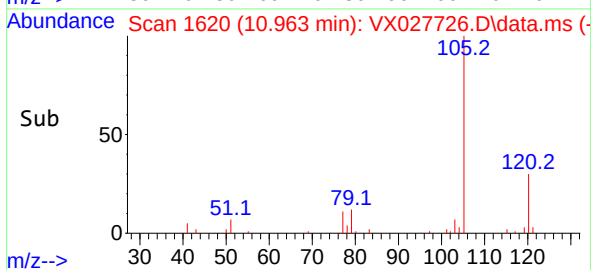
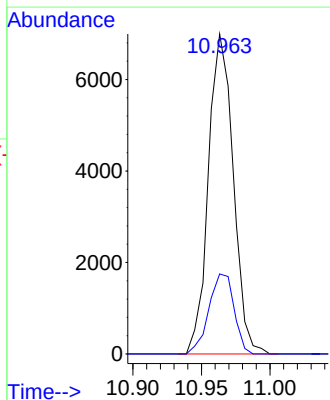
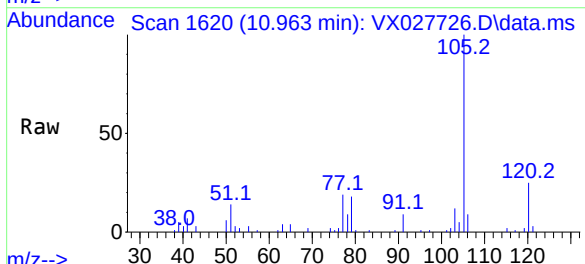
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

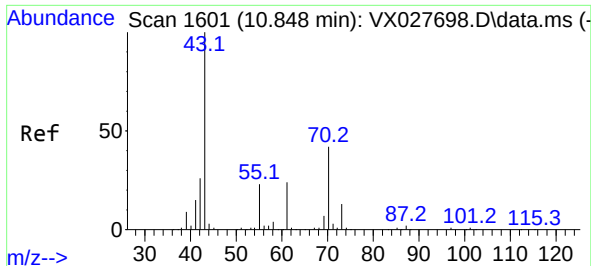
Tgt Ion:152 Resp: 44382
Ion Ratio Lower Upper
152 100
115 67.0 37.5 112.7
150 158.5 0.0 338.2



#73
Isopropylbenzene
Concen: 2.420 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion:105 Resp: 8823
Ion Ratio Lower Upper
105 100
120 25.3 13.5 40.5



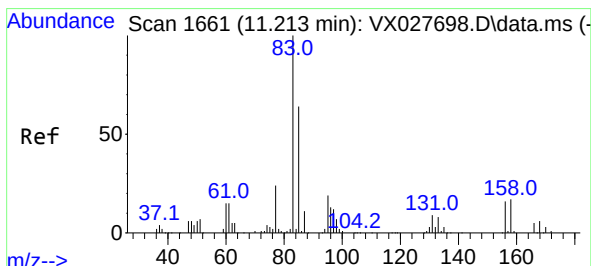
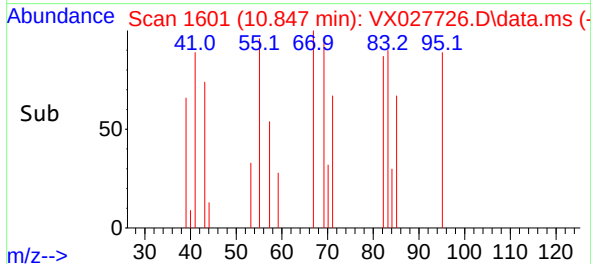
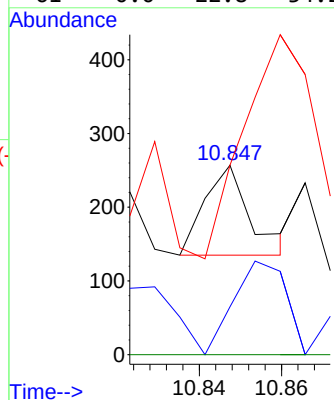
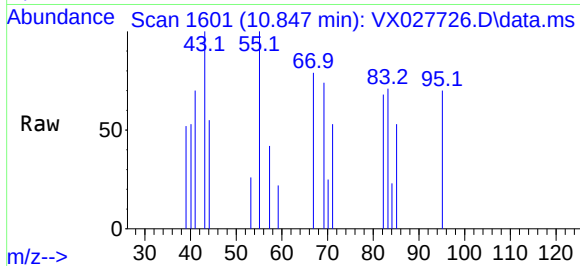


#74
N-amy1 acetate
Concen: 0.054 ug/l
RT: 10.847 min Scan# 1
Delta R.T. -0.001 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

Tgt Ion: 43 Resp: 94

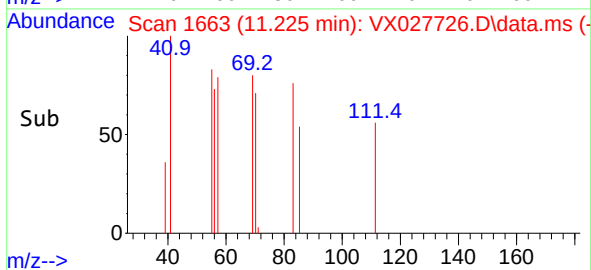
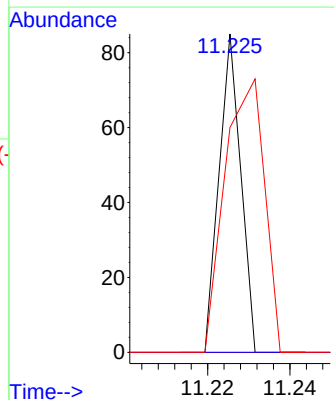
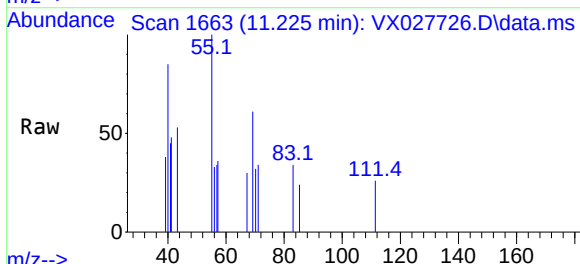
Ion	Ratio	Lower	Upper
43	100		
70	139.4	42.5	63.7#
55	463.8	23.1	34.7#
61	0.0	22.8	34.2#

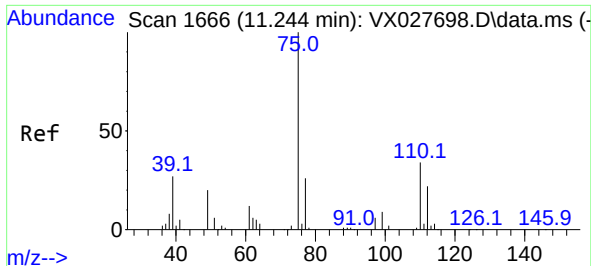


#75
1,1,2,2-Tetrachloroethane
Concen: 0.024 ug/l
RT: 11.225 min Scan# 1663
Delta R.T. 0.012 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 83 Resp: 31

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.1	15.3#
85	158.1	32.6	97.7#

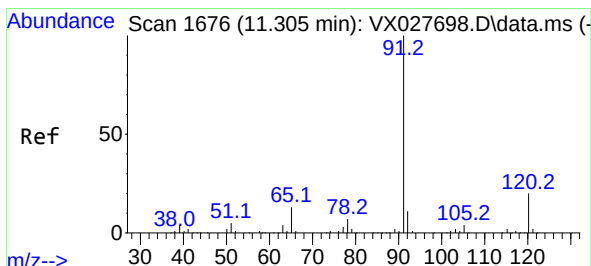
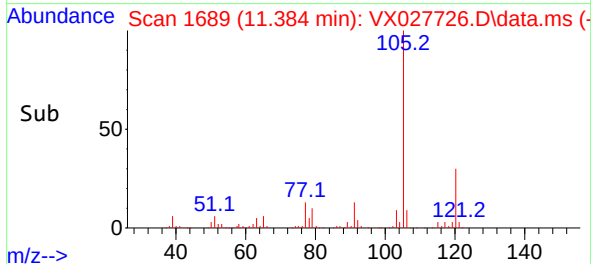
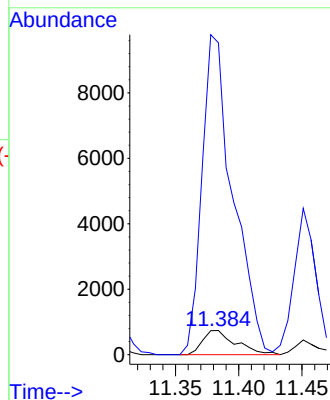
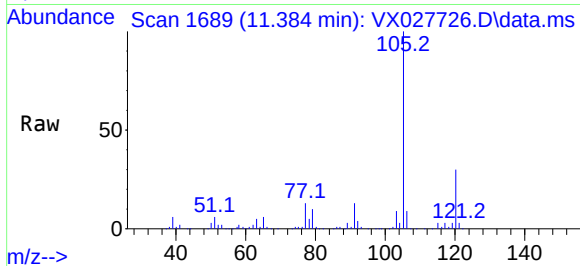




#76
1,2,3-Trichloropropane
Concen: 1.094 ug/l
RT: 11.384 min Scan# 1689
Delta R.T. 0.140 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

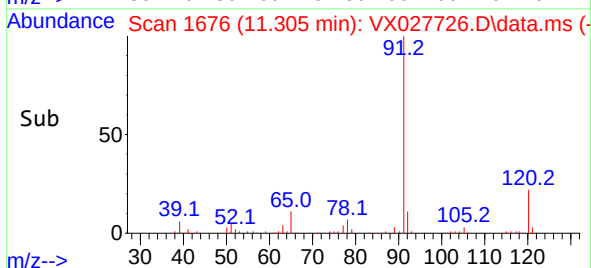
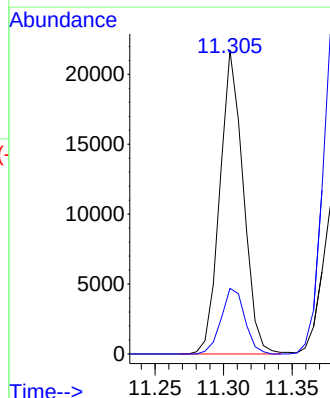
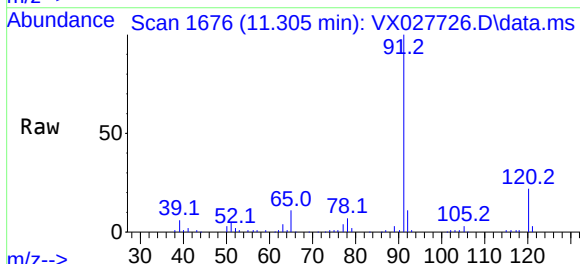
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

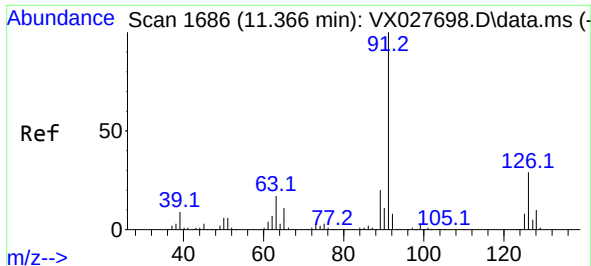
Tgt Ion: 75 Resp: 1352
Ion Ratio Lower Upper
75 100
77 1237.1 19.4 58.2#



#78
n-propylbenzene
Concen: 5.946 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 91 Resp: 25717
Ion Ratio Lower Upper
91 100
120 21.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 6.396 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

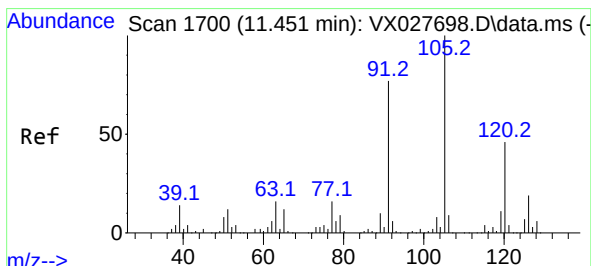
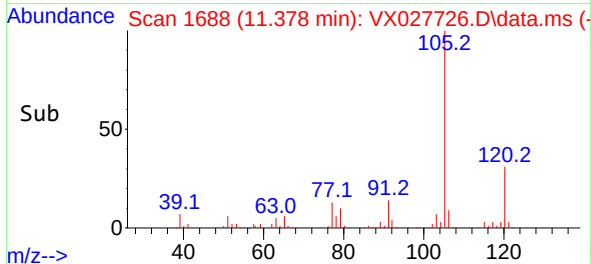
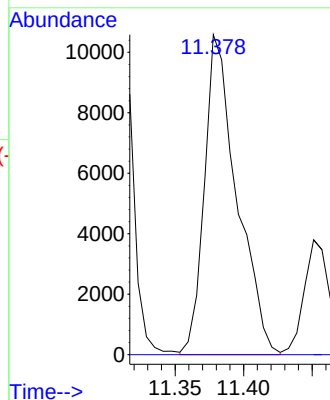
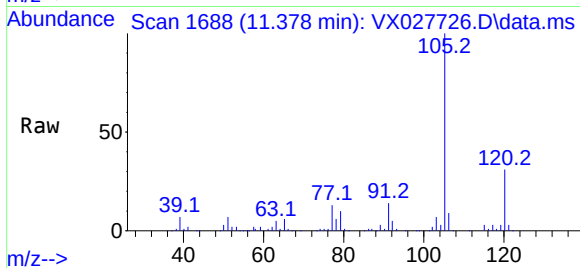
MW-114DL

Tgt Ion: 91 Resp: 17439

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 12.674 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX027726.D

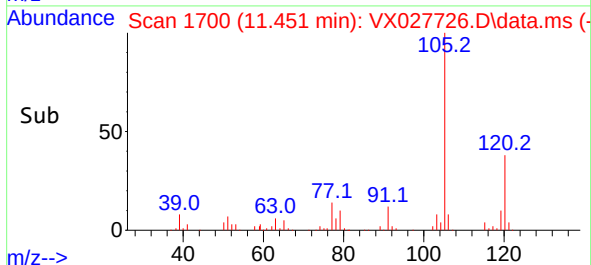
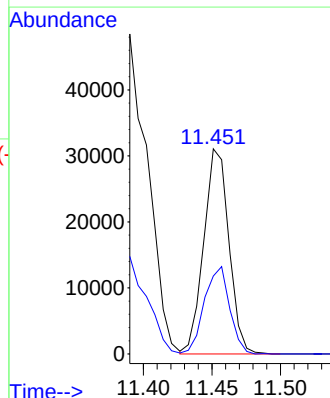
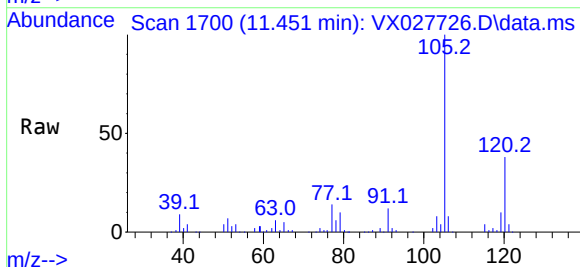
Acq: 26 Mar 2022 14:52

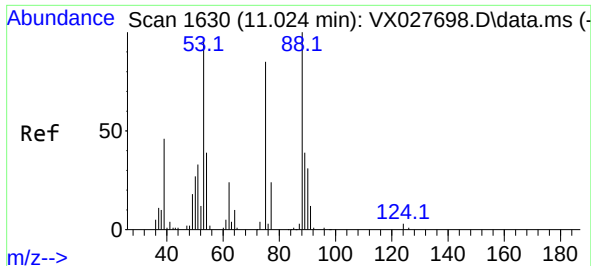
Tgt Ion:105 Resp: 39711

Ion Ratio Lower Upper

105 100

120 42.7 24.3 72.9

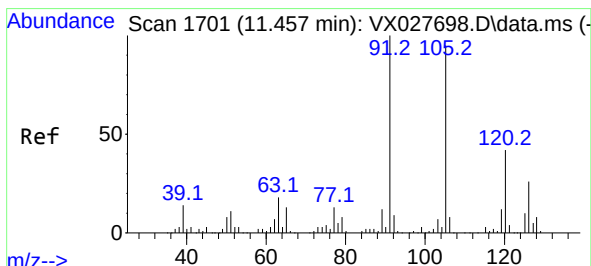
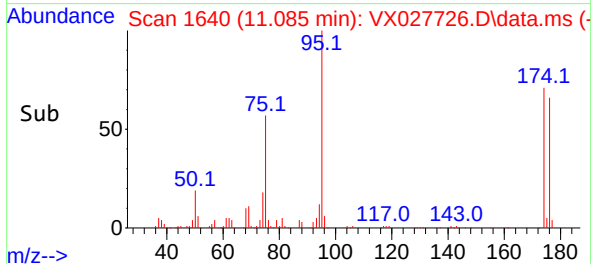
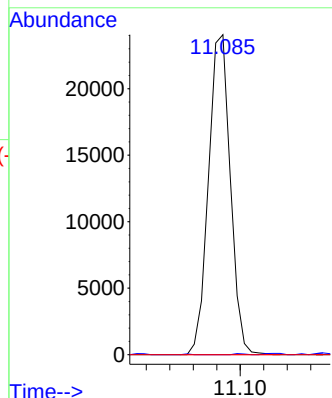
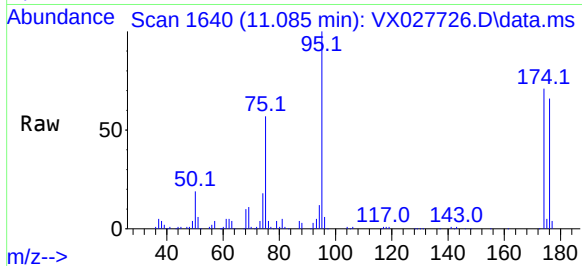




#81
trans-1,4-Dichloro-2-butene
Concen: 85.602 ug/l
RT: 11.085 min Scan# 11085
Delta R.T. 0.061 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

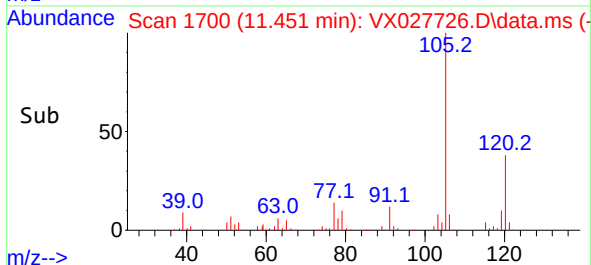
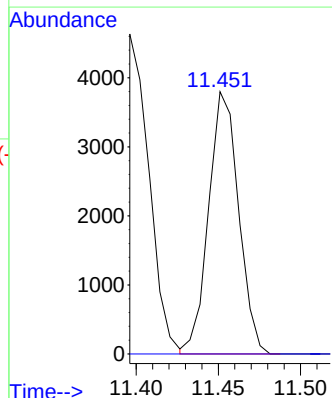
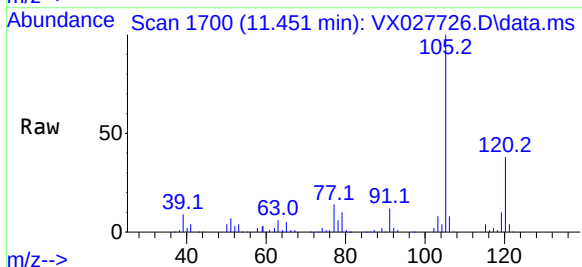
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

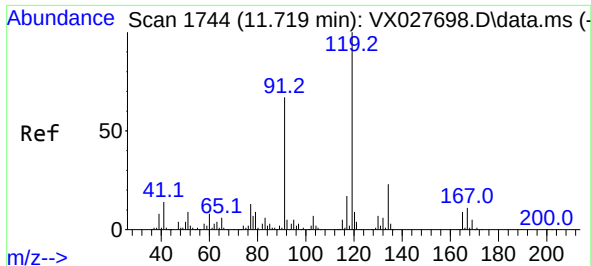
Tgt Ion: 75 Resp: 31076
Ion Ratio Lower Upper
75 100
53 0.2 69.0 103.4#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 1.537 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 91 Resp: 4822
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#

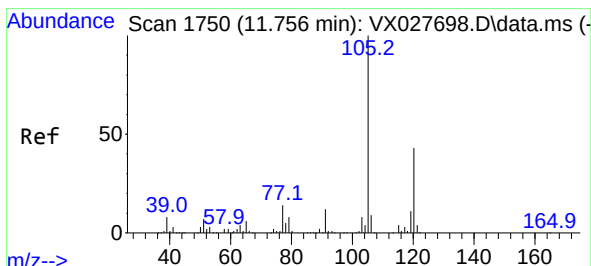
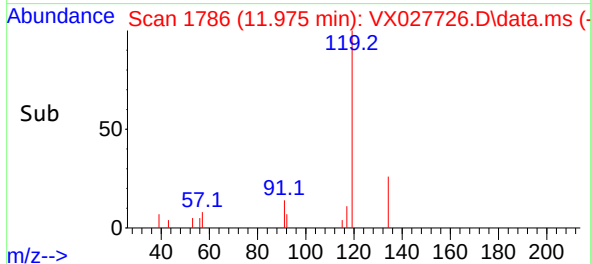
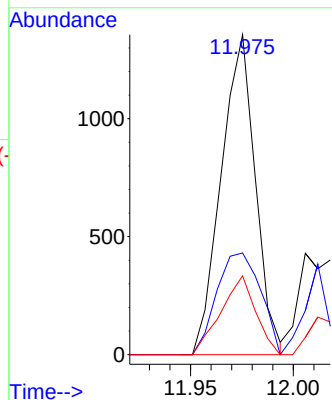
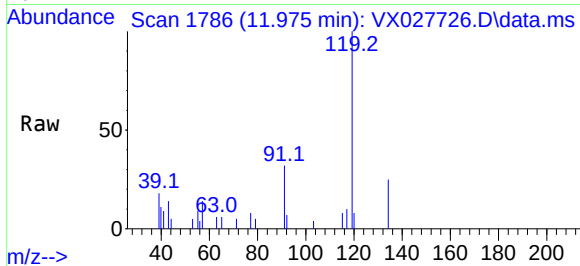




#83
tert-Butylbenzene
Concen: 0.544 ug/l
RT: 11.975 min Scan# 11
Delta R.T. 0.256 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

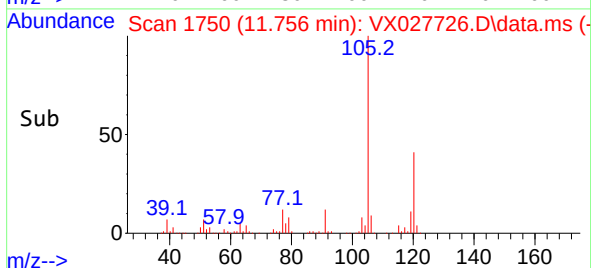
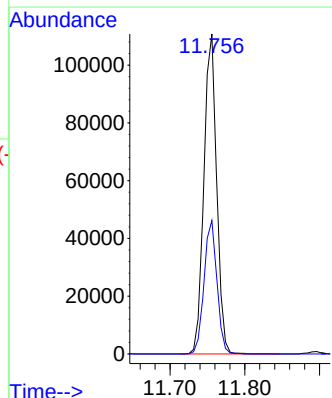
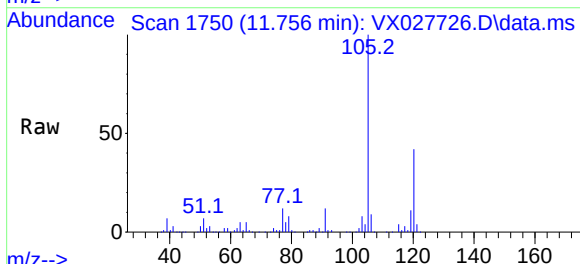
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

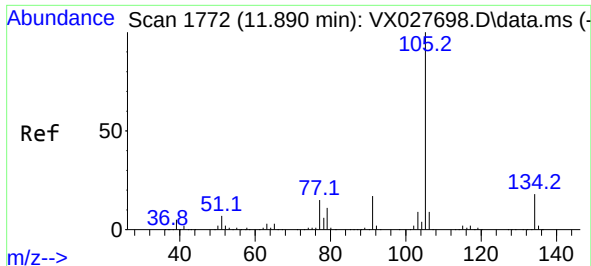
Tgt Ion:119 Resp: 1566
Ion Ratio Lower Upper
119 100
91 40.9 26.9 80.6
134 25.2 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 41.303 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion:105 Resp: 131350
Ion Ratio Lower Upper
105 100
120 42.1 22.6 67.8

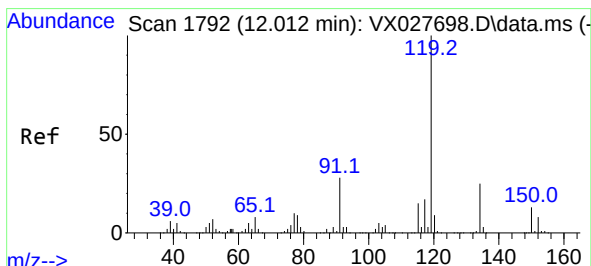
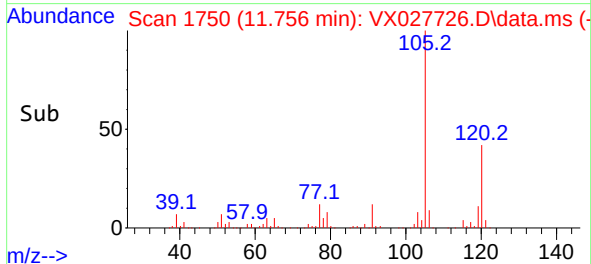
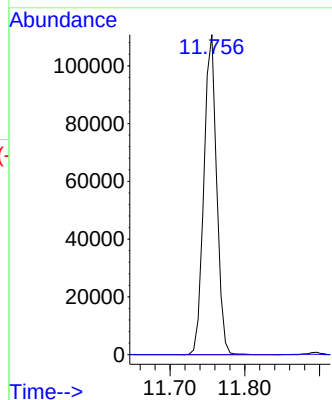
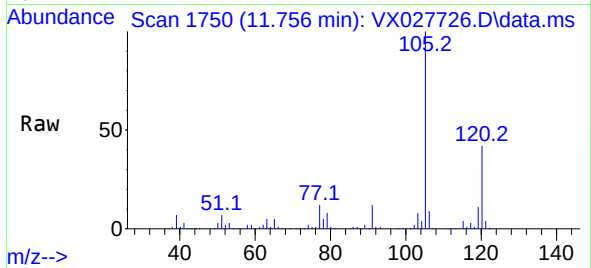




#85
 sec-Butylbenzene
 Concen: 34.836 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.134 min
 Lab File: VX027726.D
 Acq: 26 Mar 2022 14:52

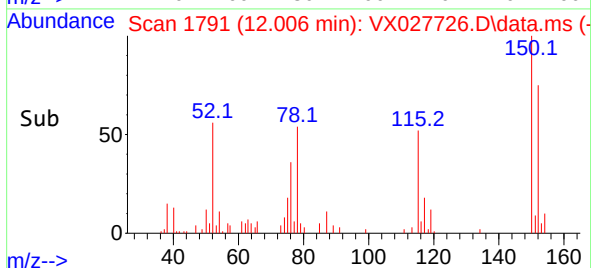
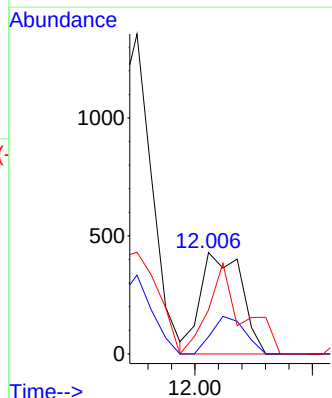
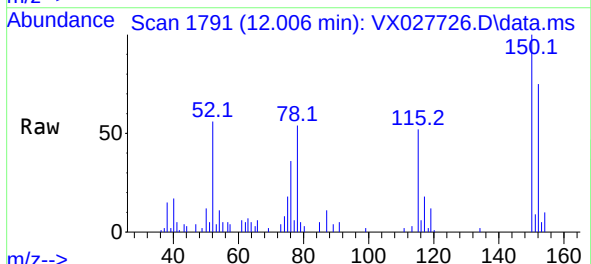
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-114DL

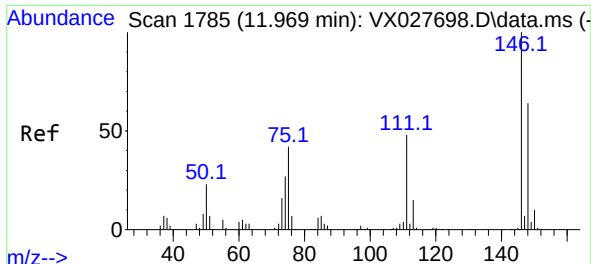
Tgt Ion:105 Resp: 131350
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 0.176 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX027726.D
 Acq: 26 Mar 2022 14:52

Tgt Ion:119 Resp: 522
 Ion Ratio Lower Upper
 119 100
 134 30.1 13.0 39.0
 91 0.0 11.3 33.9#





#87

1,3-Dichlorobenzene

Concen: 0.040 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.073 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

MW-114DL

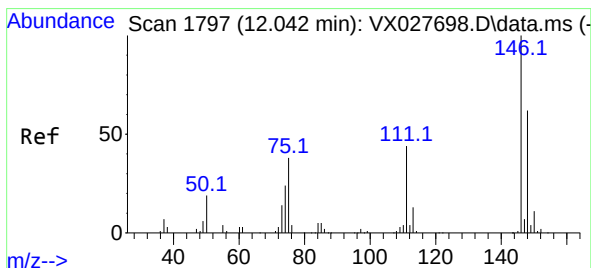
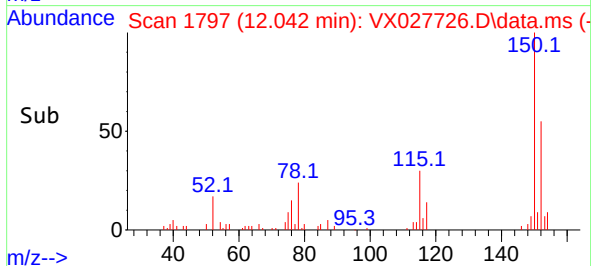
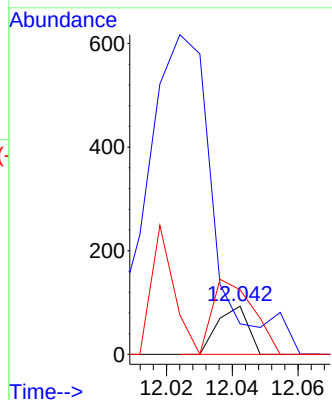
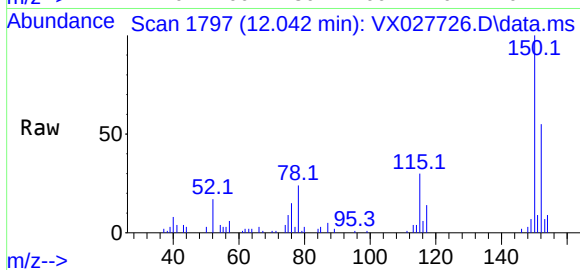
Tgt Ion:146 Resp: 60

Ion Ratio Lower Upper

146 100

111 0.0 19.7 59.1#

148 206.7 31.6 94.7#



#88

1,4-Dichlorobenzene

Concen: 0.038 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

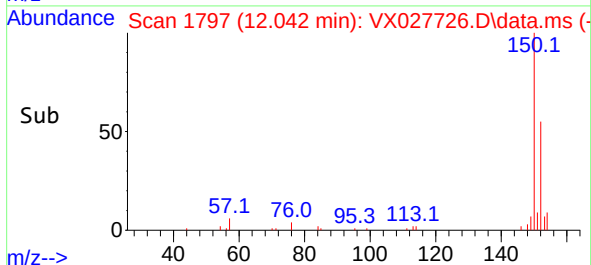
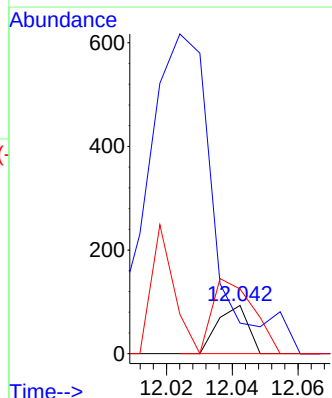
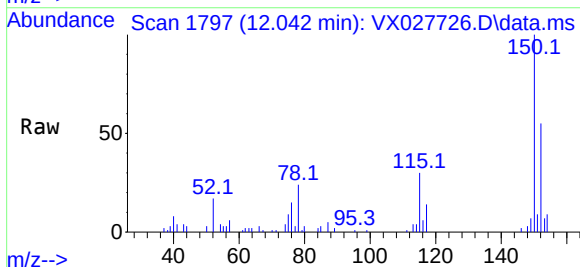
Tgt Ion:146 Resp: 60

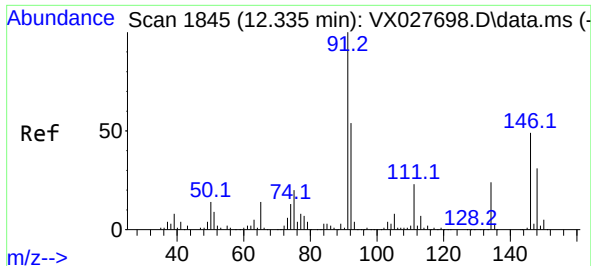
Ion Ratio Lower Upper

146 100

111 0.0 19.2 57.6#

148 206.7 32.3 96.9#





#89

n-Butylbenzene

Concen: 1.491 ug/l

RT: 12.323 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_X

ClientSampleId :

MW-114DL

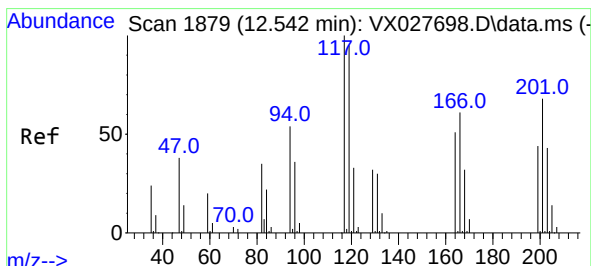
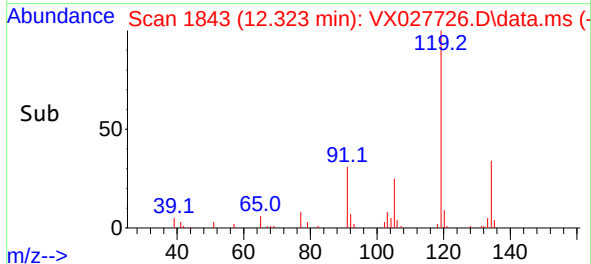
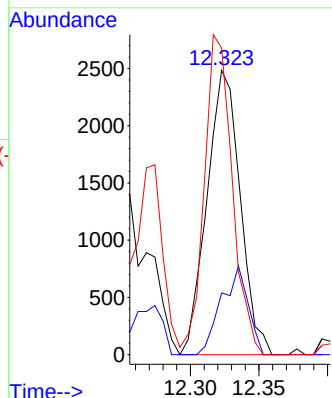
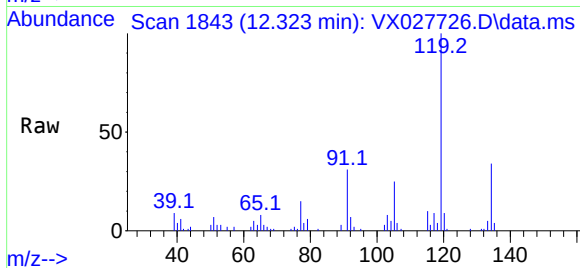
Tgt Ion: 91 Resp: 4189

Ion Ratio Lower Upper

91 100

92 25.1 27.8 83.3#

134 94.4 13.3 39.8#



#90

Hexachloroethane

Concen: 1.155 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.012 min

Lab File: VX027726.D

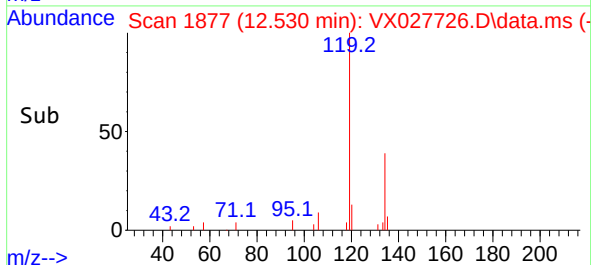
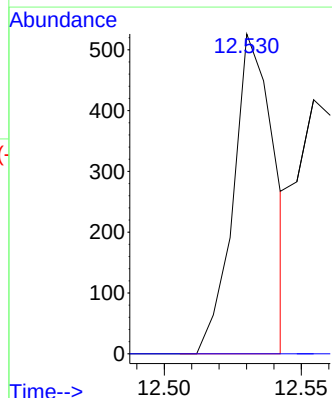
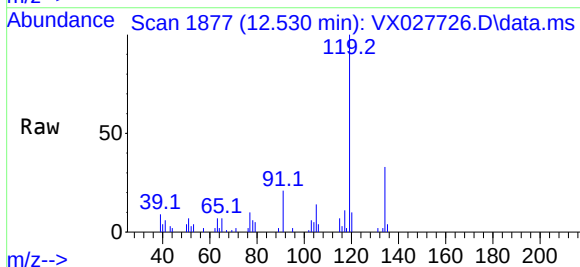
Acq: 26 Mar 2022 14:52

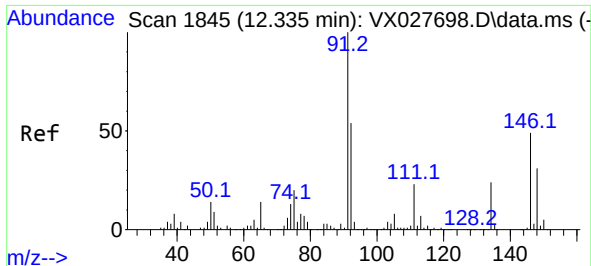
Tgt Ion: 117 Resp: 547

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#

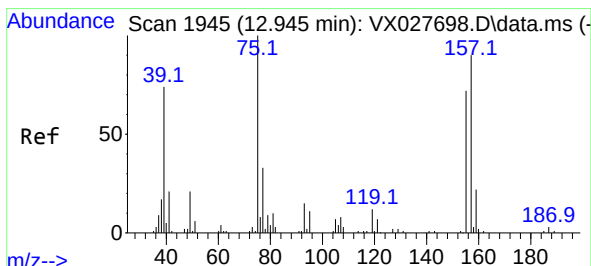
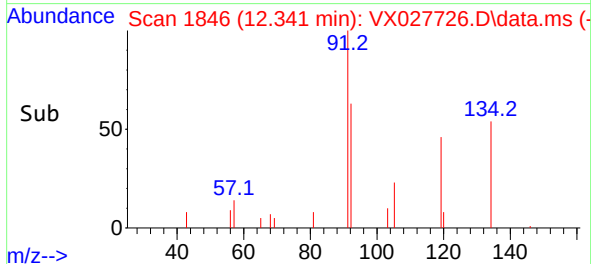
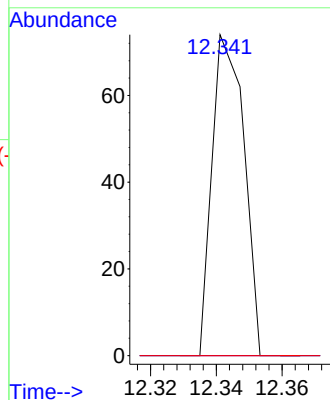
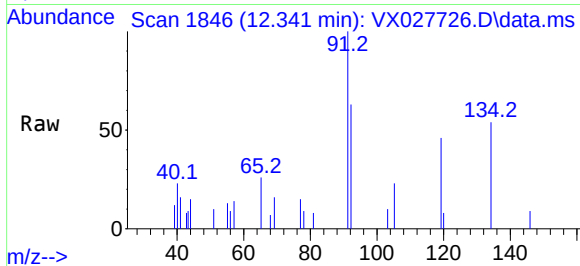




#91
1,2-Dichlorobenzene
Concen: 0.034 ug/l
RT: 12.341 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

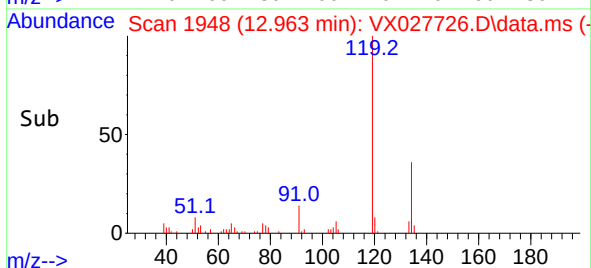
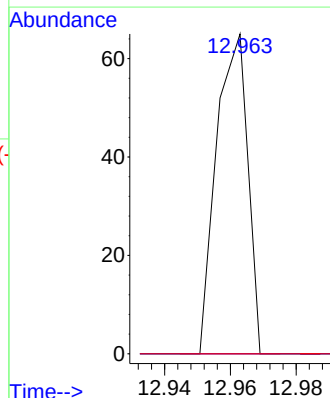
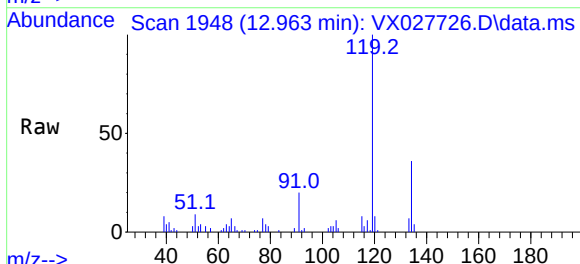
Instrument :
MSVOA_X
ClientSampleId :
MW-114DL

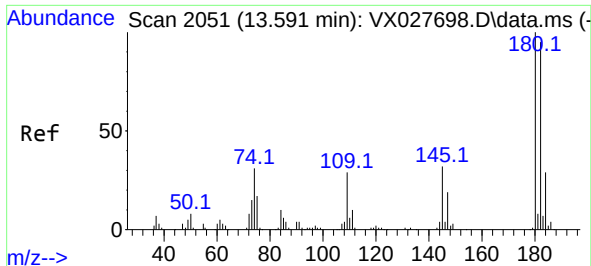
Tgt Ion:146 Resp: 50
Ion Ratio Lower Upper
146 100
111 0.0 21.0 63.0#
148 0.0 32.6 97.7#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.137 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX027726.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 75 Resp: 43
Ion Ratio Lower Upper
75 100
155 0.0 47.0 141.2#
157 0.0 57.9 173.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.117 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX027726.D

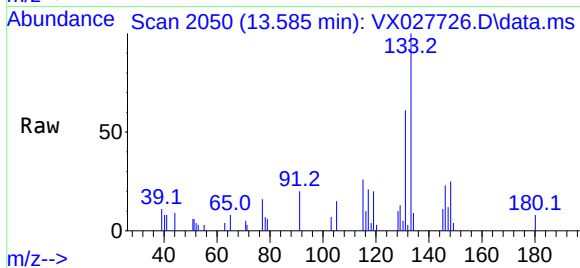
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Instrument :

MSVOA_X

ClientSampleId :

MW-114DL



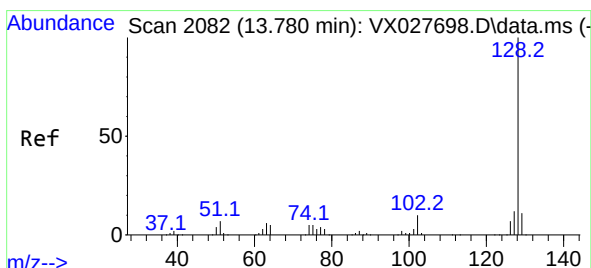
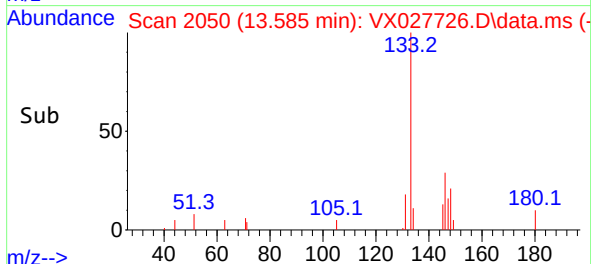
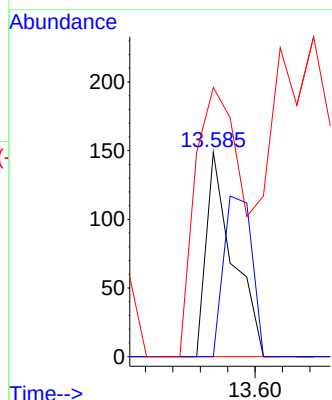
Tgt Ion:180 Resp: 101

Ion Ratio Lower Upper

180 100

182 83.2 47.7 143.1

145 224.8 15.2 45.5#



#95

Naphthalene

Concen: 3.554 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX027726.D

Acq: 26 Mar 2022 14:52

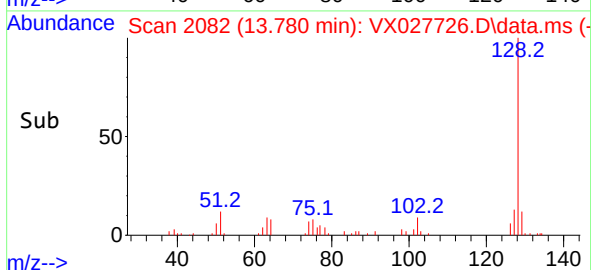
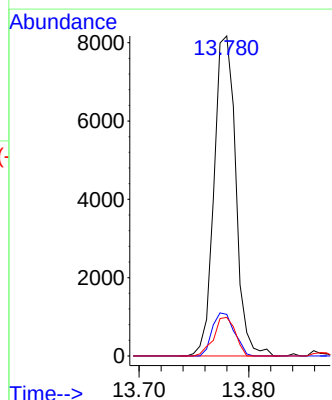
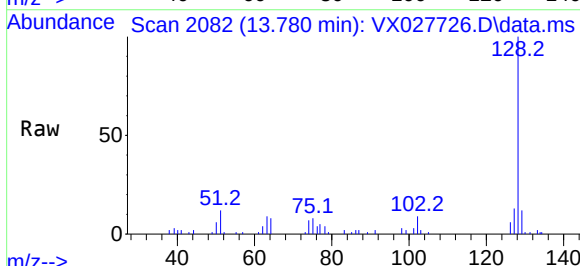
Tgt Ion:128 Resp: 11232

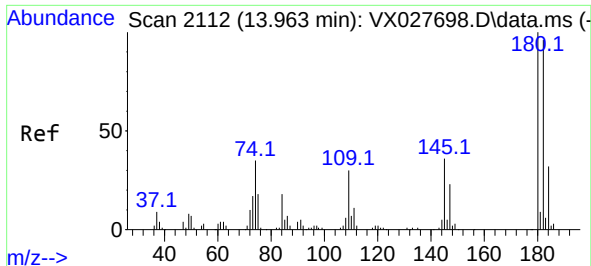
Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 12.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.022 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX027726.D
 Acq: 26 Mar 2022 14:52

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-114DL

Tgt Ion:180 Resp: 19
 Ion Ratio Lower Upper
 180 100
 182 100.0 50.0 149.8
 145 2600.0 16.2 48.5#

