

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026713.D
 Acq On : 01 Feb 2022 17:39
 Operator : JC/MD
 Sample : PB142403ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#06

Quant Time: Feb 02 04:37:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	135298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89514	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85442	45.207	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.420%
35) Dibromofluoromethane	5.391	113	71136	48.005	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.000%
50) Toluene-d8	8.653	98	269350	50.440	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.880%
62) 4-Bromofluorobenzene	11.079	95	99297	52.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.700%

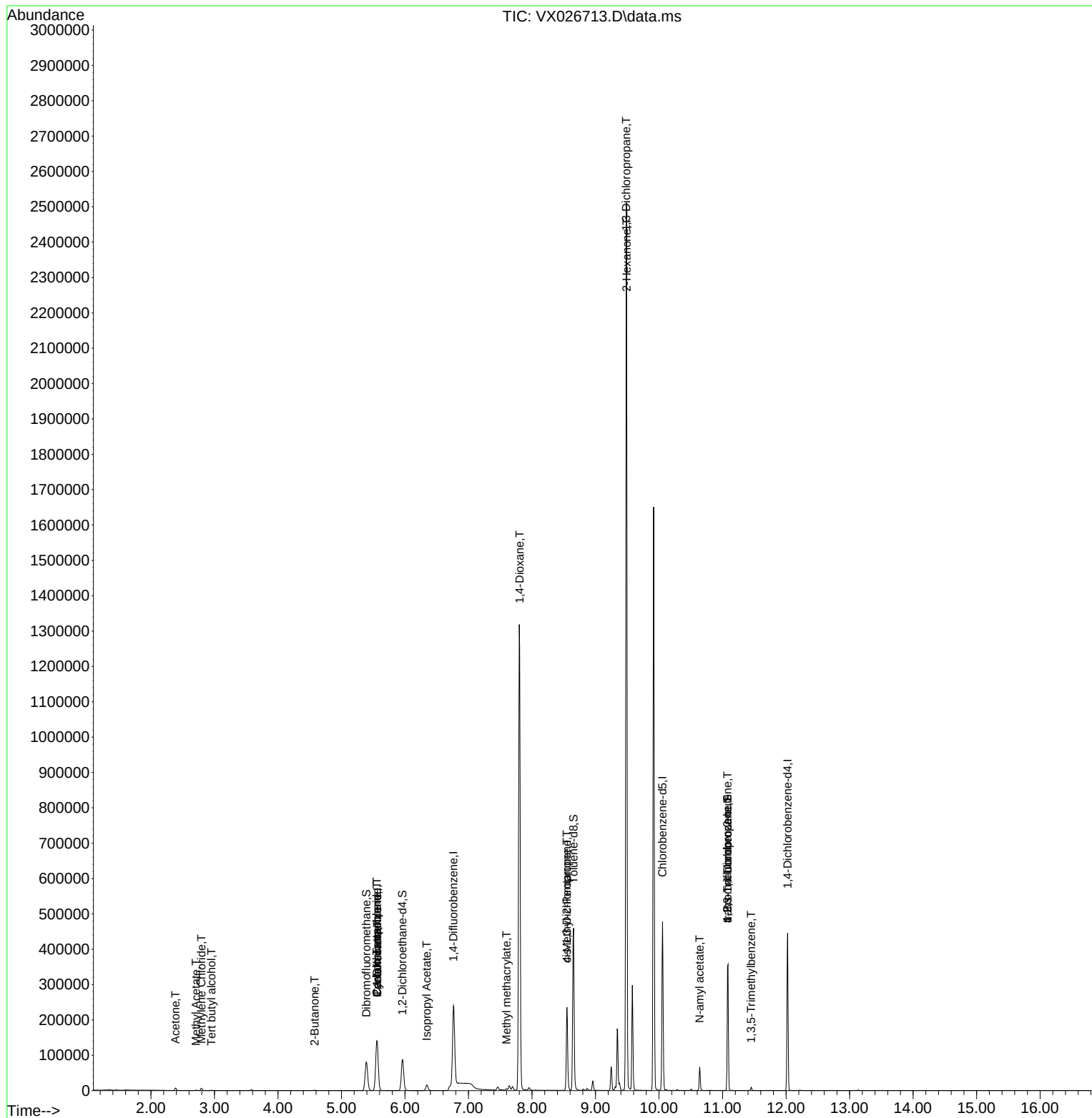
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.953	59	536	2.039	ug/l #	75
16) Acetone	2.386	43	8811	9.142	ug/l	99
18) Methyl Acetate	2.709	43	2118	1.105	ug/l #	86
20) Methylene Chloride	2.794	84	2933	1.842	ug/l	96
25) 2-Butanone	4.574	43	1831	1.461	ug/l	99
31) Cyclohexane	5.562	56	2626	0.942	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10195	4.358	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13825	5.745	ug/l #	17
43) Isopropyl Acetate	6.342	43	21978	5.750	ug/l	98
48) Methyl methacrylate	7.598	41	6100	3.220	ug/l #	16
49) 1,4-Dioxane	7.805	88	154	4.954	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	79833	35.211	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	37523	15.197	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	22091	8.235	ug/l #	43
59) 2-Hexanone	9.488	43	304116	175.250	ug/l #	51
74) N-amyl acetate	10.640	43	15541	5.486	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	48656	24.687	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	3998	0.661	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	48656	75.102	ug/l #	3

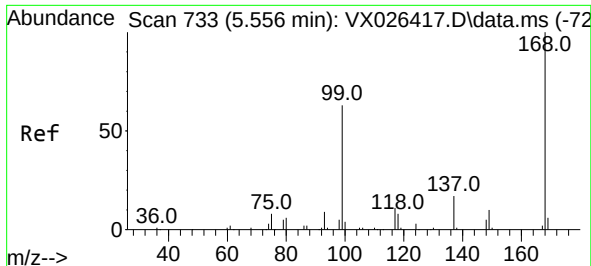
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 02 04:37:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
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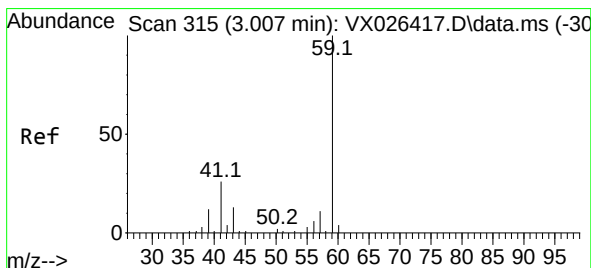
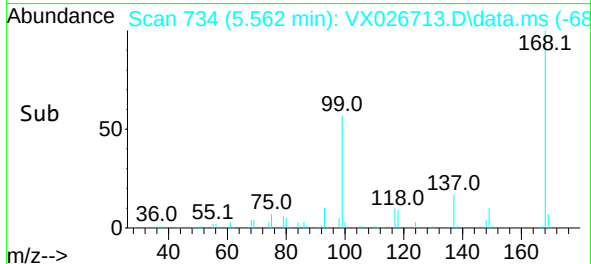
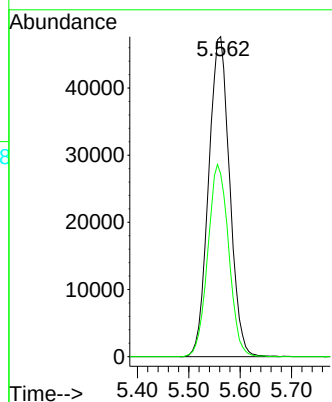
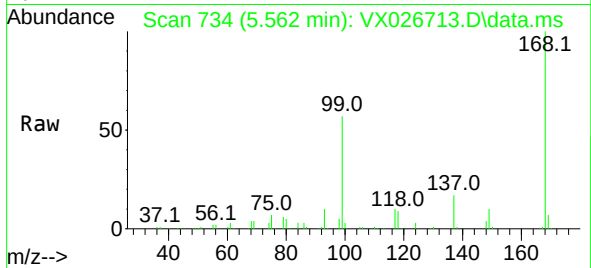




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

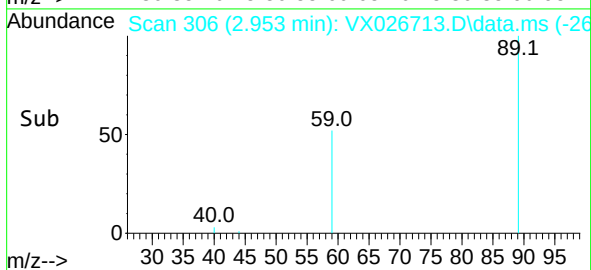
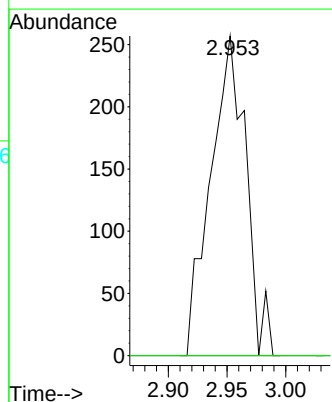
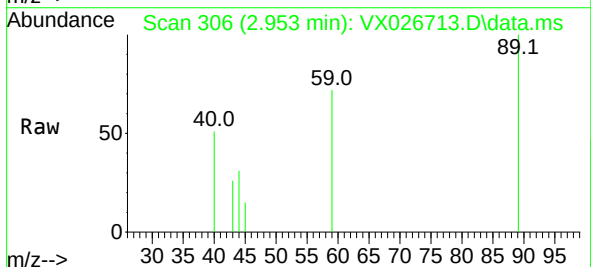
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#06

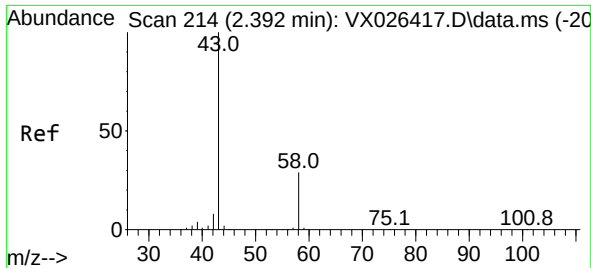
Tgt Ion:168 Resp: 135298
Ion Ratio Lower Upper
168 100
99 57.1 50.3 75.5



#11
Tert butyl alcohol
Concen: 2.039 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

Tgt Ion: 59 Resp: 536
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

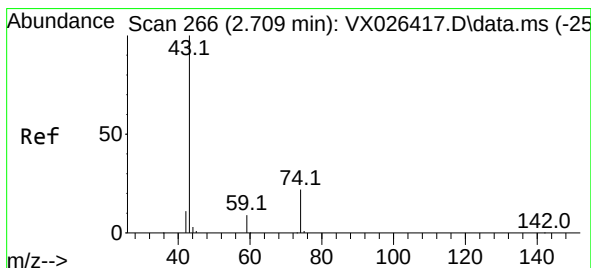
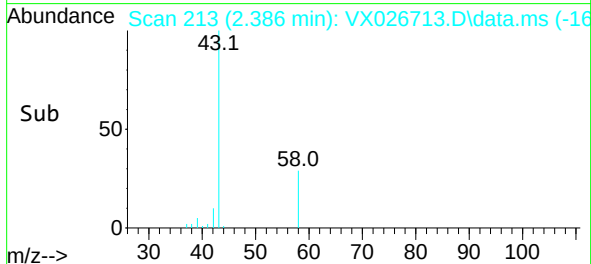
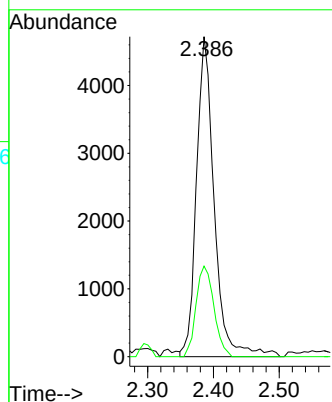
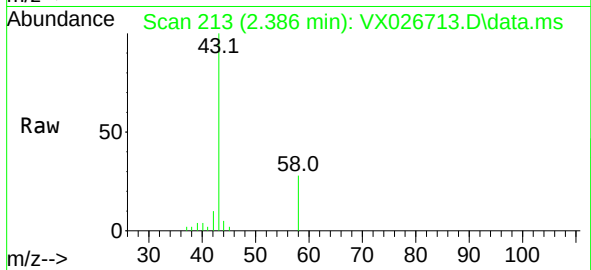




#16
Acetone
Concen: 9.142 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

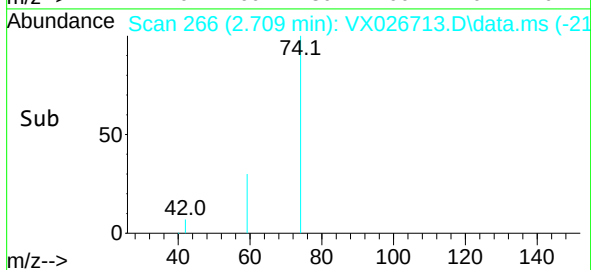
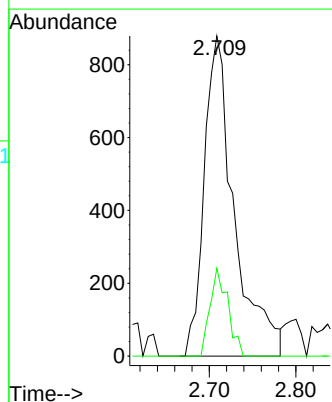
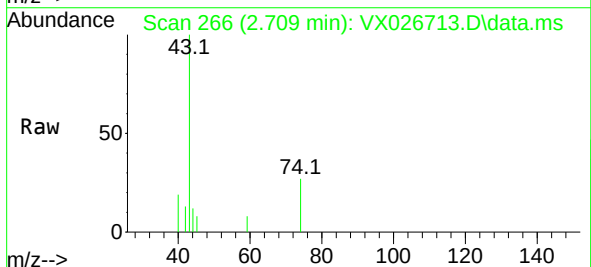
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#06

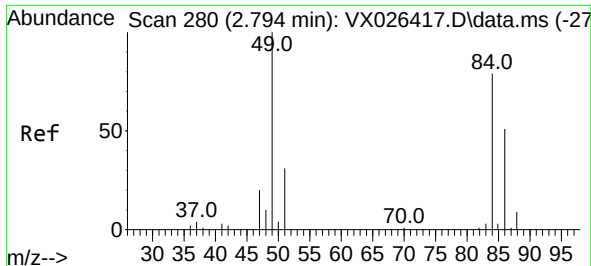
Tgt Ion: 43 Resp: 8811
Ion Ratio Lower Upper
43 100
58 28.3 23.0 34.6



#18
Methyl Acetate
Concen: 1.105 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

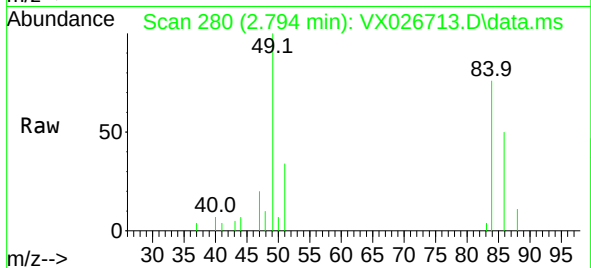
Tgt Ion: 43 Resp: 2118
Ion Ratio Lower Upper
43 100
74 16.2 18.3 27.5#



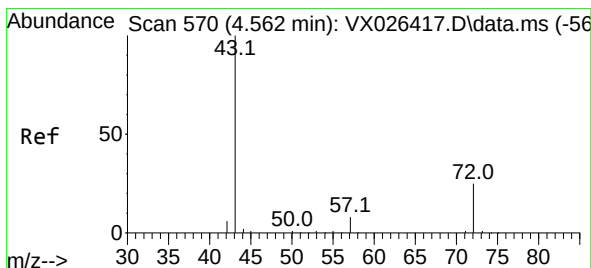
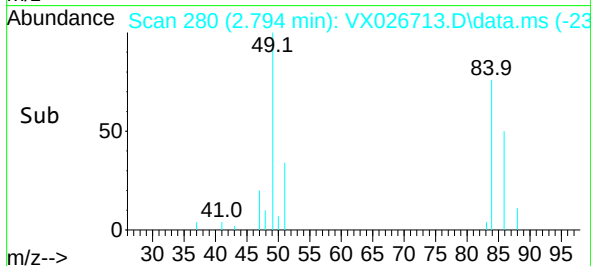
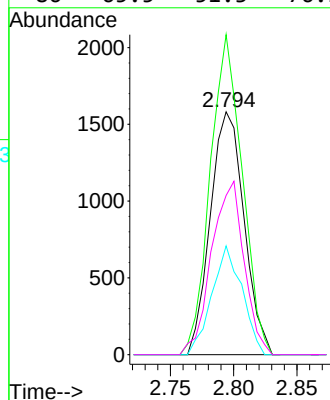


#20
Methylene Chloride
Concen: 1.842 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#06

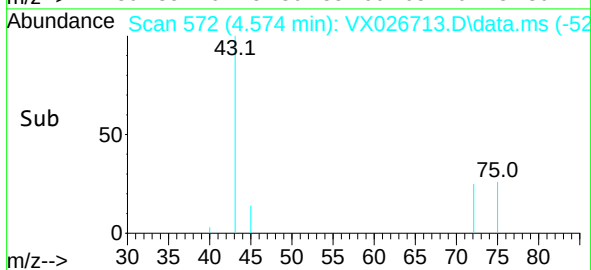
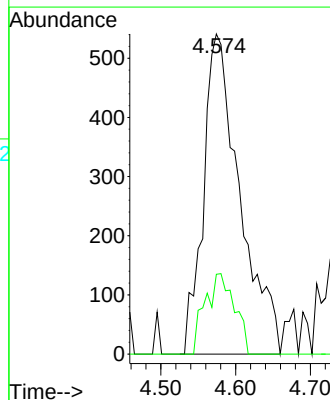
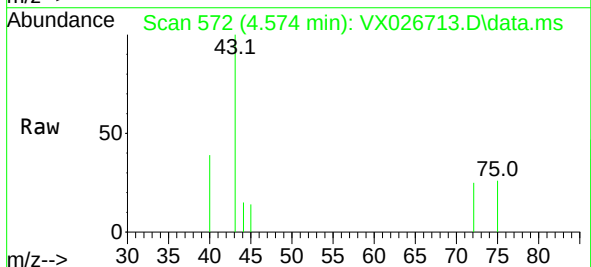


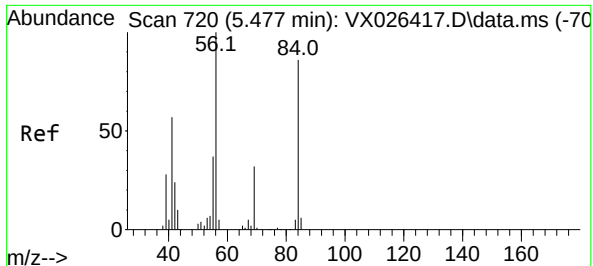
Tgt Ion: 84	Resp: 2933
Ion Ratio	Lower Upper
84 100	
49 131.7	101.5 152.3
51 44.8	31.2 46.8
86 65.5	51.3 76.9



#25
2-Butanone
Concen: 1.461 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

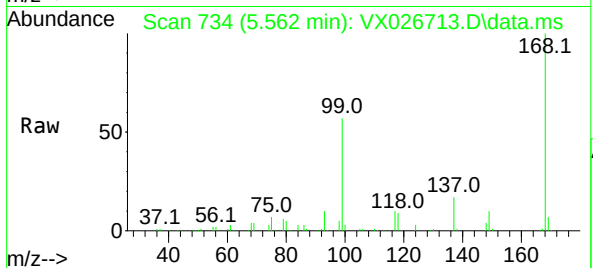
Tgt Ion: 43	Resp: 1831
Ion Ratio	Lower Upper
43 100	
72 25.0	20.4 30.6



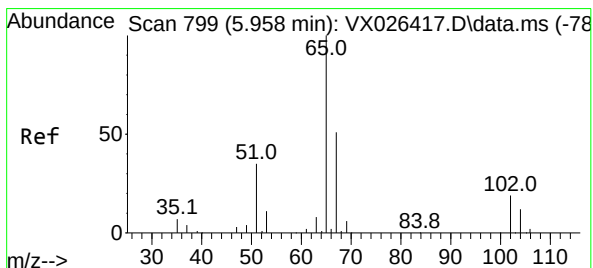
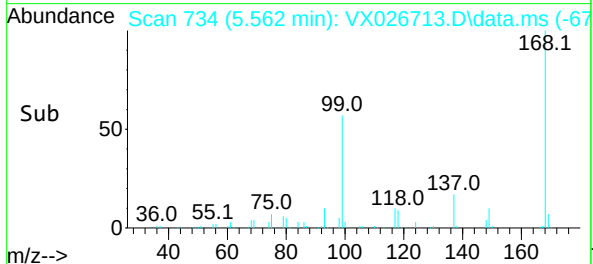
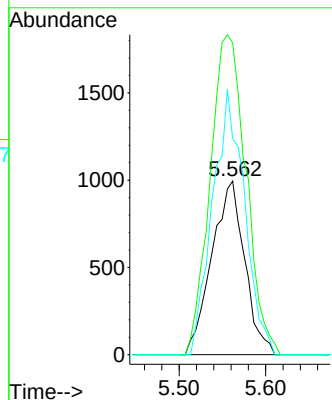


#31
Cyclohexane
Concen: 0.942 ug/l
RT: 5.562 min Scan# 713
Delta R.T. 0.085 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#06

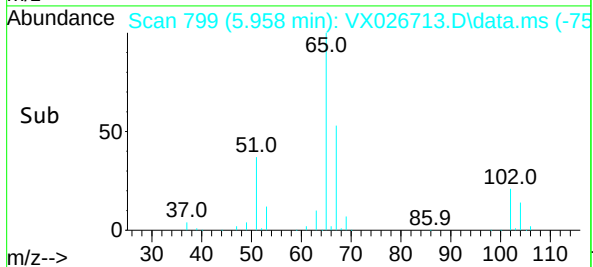
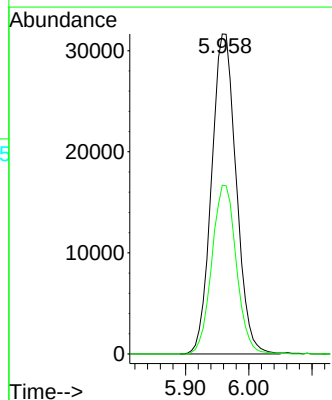
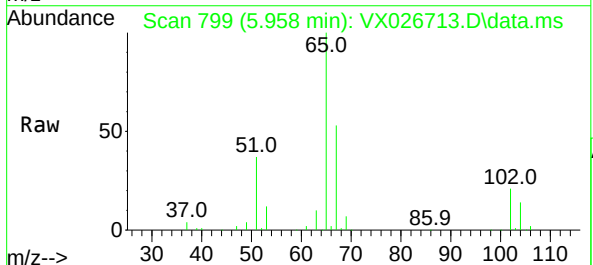


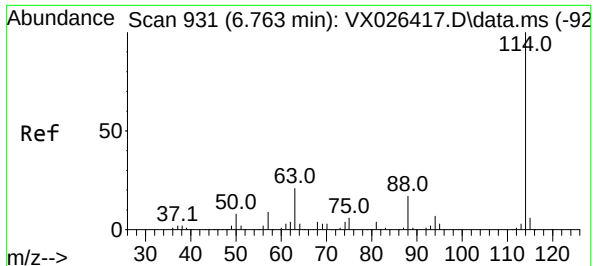
Tgt Ion: 56 Resp: 2626
Ion Ratio Lower Upper
56 100
69 179.5 25.8 38.6#
84 124.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.207 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

Tgt Ion: 65 Resp: 85442
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.8

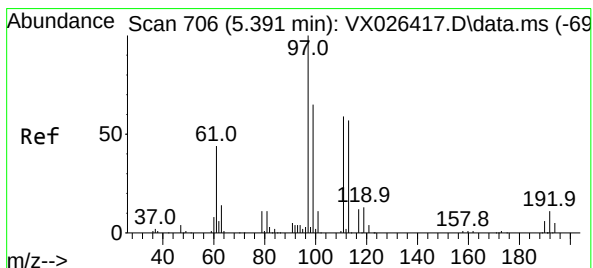
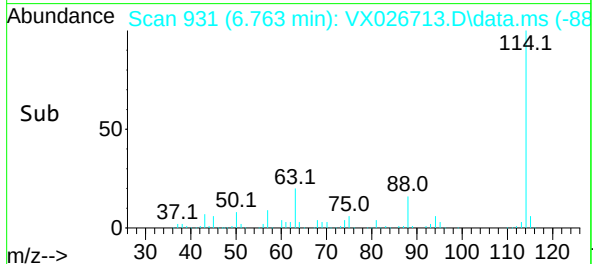
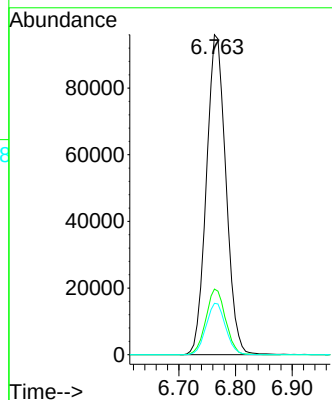
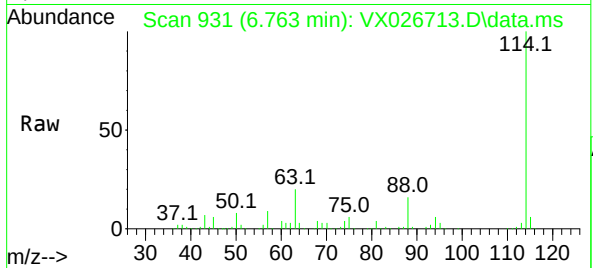




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

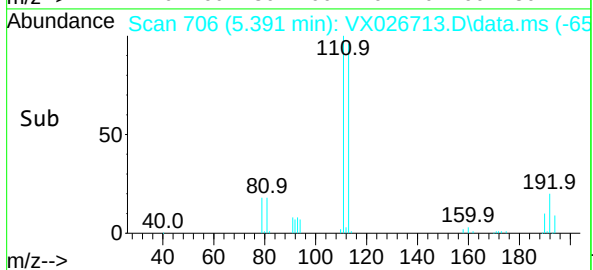
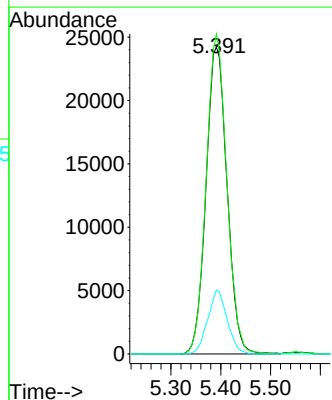
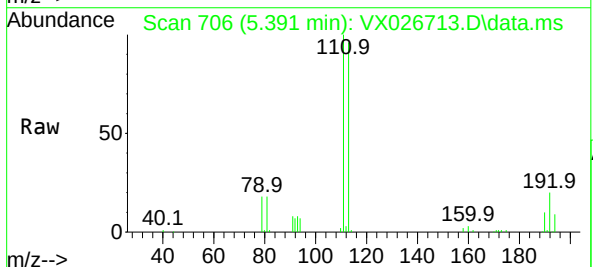
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MSVOA_X
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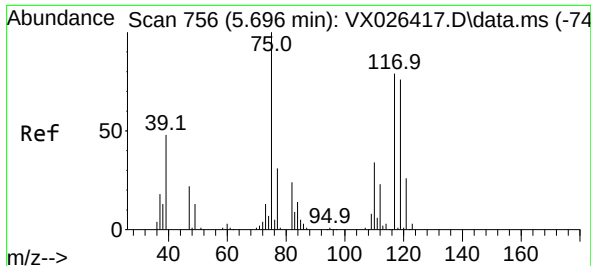
Tgt Ion:114 Resp: 229472
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.8
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.005 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

Tgt Ion:113 Resp: 71136
Ion Ratio Lower Upper
113 100
111 101.7 81.2 121.8
192 19.2 15.0 22.4

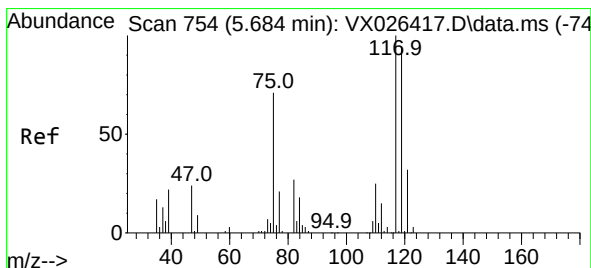
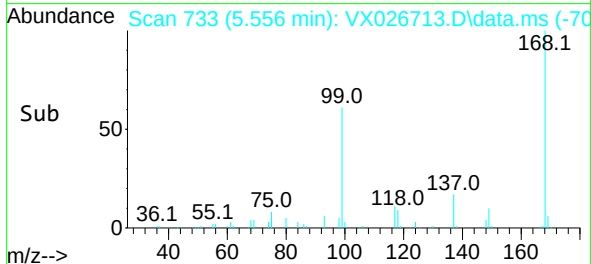
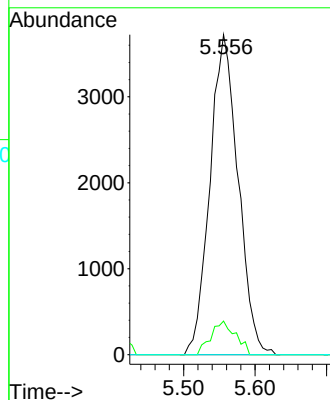
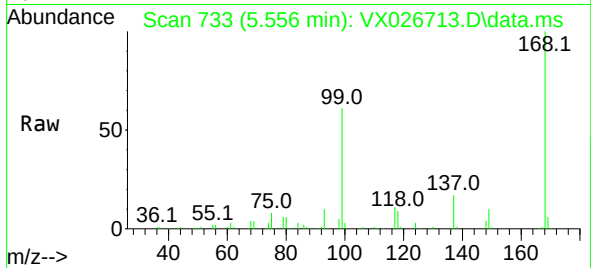




#36
1,1-Dichloropropene
Concen: 4.358 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

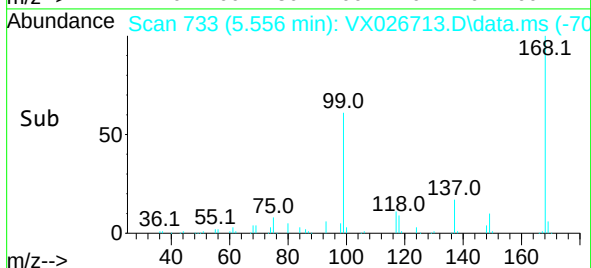
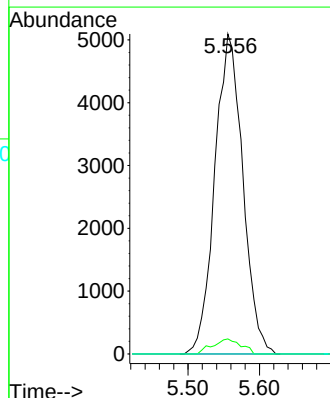
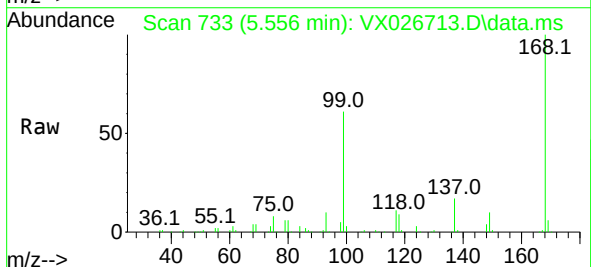
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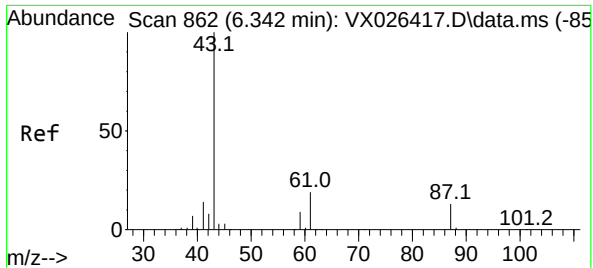
Tgt Ion: 75 Resp: 10195
Ion Ratio Lower Upper
75 100
110 9.1 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.745 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

Tgt Ion: 117 Resp: 13825
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#

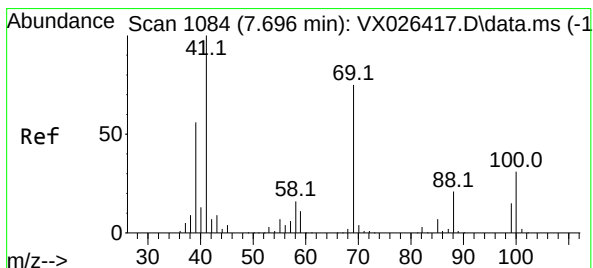
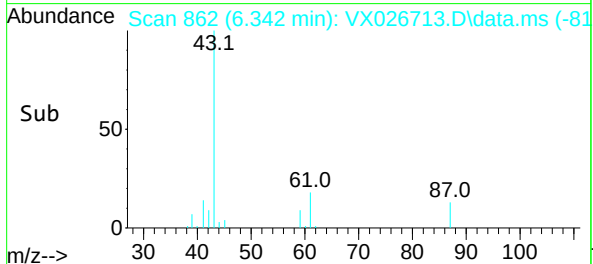
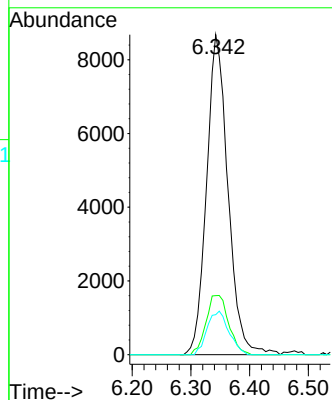
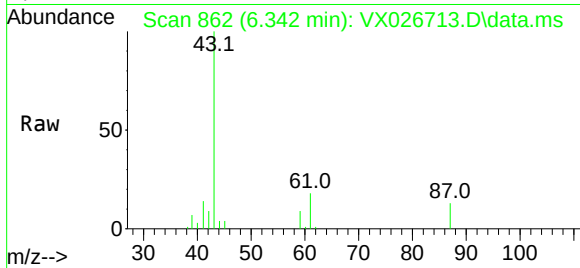




#43
Isopropyl Acetate
Concen: 5.750 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

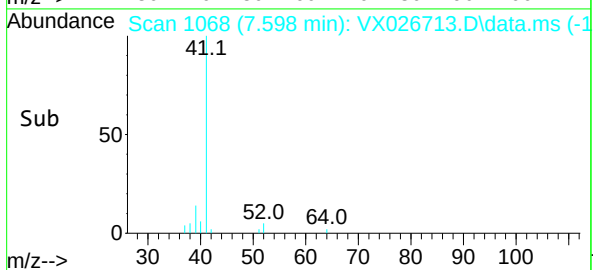
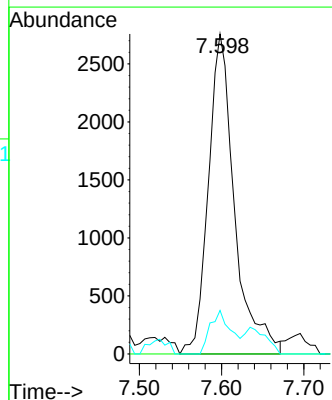
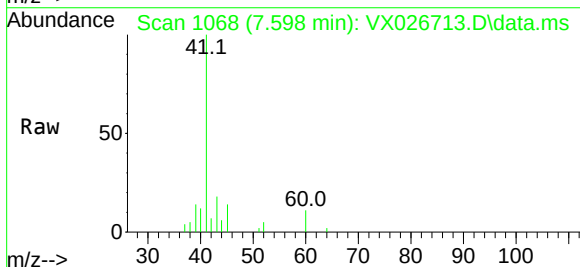
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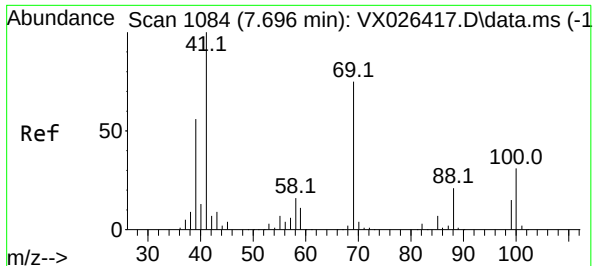
Tgt Ion:	43	Resp:	21978
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.8	10.2	15.2



#48
Methyl methacrylate
Concen: 3.220 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

Tgt Ion:	41	Resp:	6100
Ion	Ratio	Lower	Upper
41	100		
69	0.0	62.2	93.4#
39	0.0	45.4	68.0#





#49

1,4-Dioxane

Concen: 4.954 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX026713.D

Acq: 01 Feb 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

PB142403ZHE#06

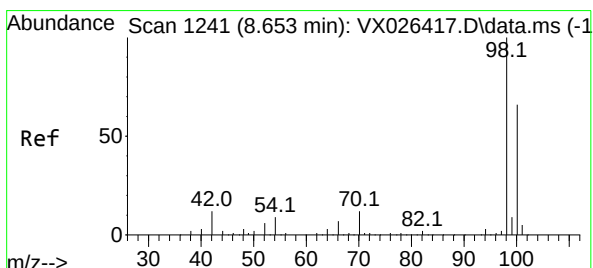
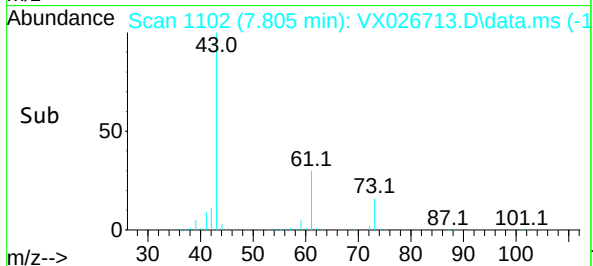
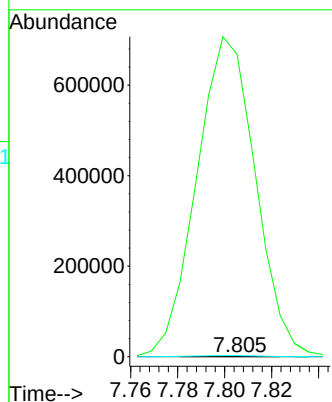
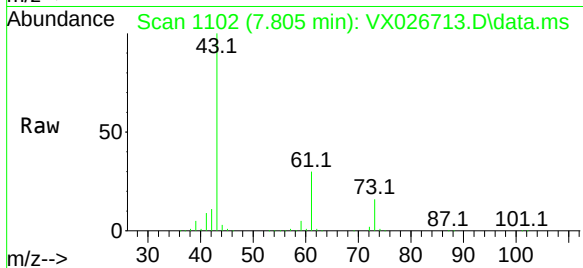
Tgt Ion: 88 Resp: 154

Ion Ratio Lower Upper

88 100

43 804877.9 29.9 44.9#

58 3063.6 57.8 86.6#



#50

Toluene-d8

Concen: 50.440 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026713.D

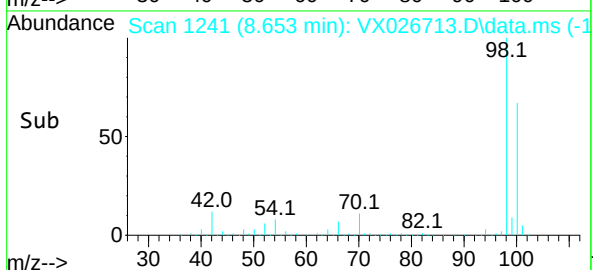
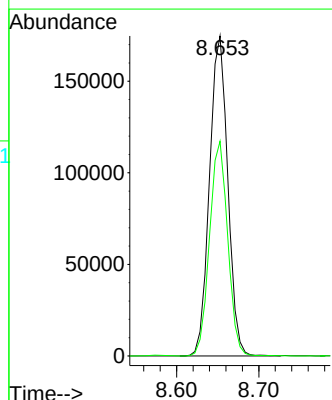
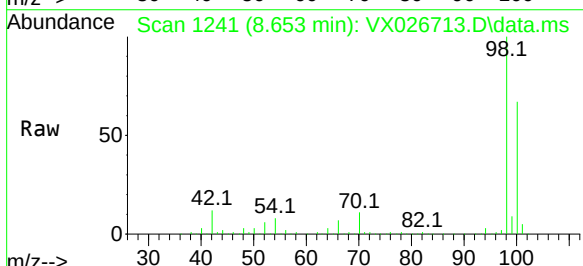
Acq: 01 Feb 2022 17:39

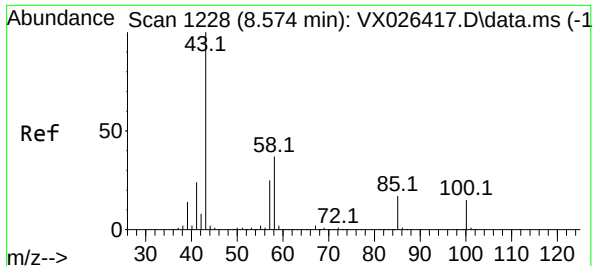
Tgt Ion: 98 Resp: 269350

Ion Ratio Lower Upper

98 100

100 66.8 53.2 79.8

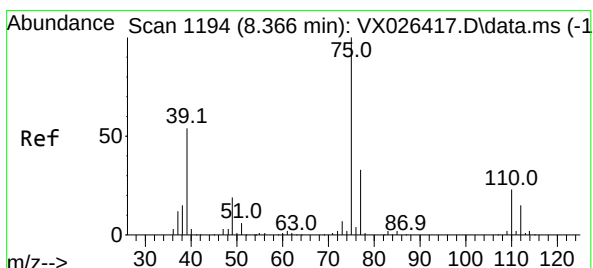
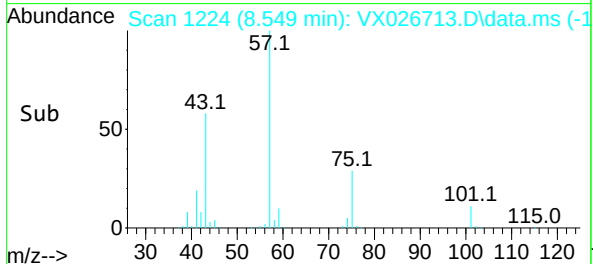
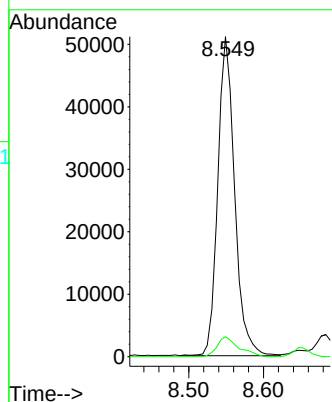
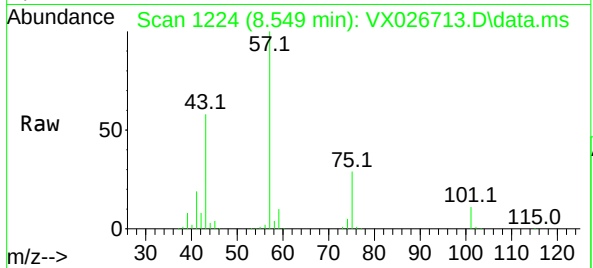




#51
4-Methyl-2-Pentanone
Concen: 35.211 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

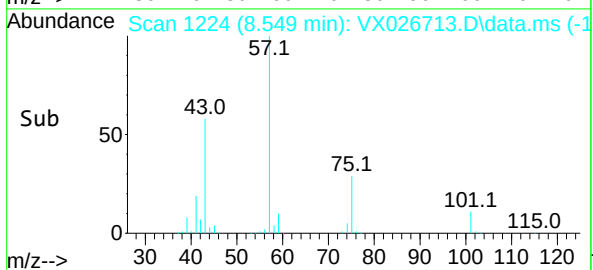
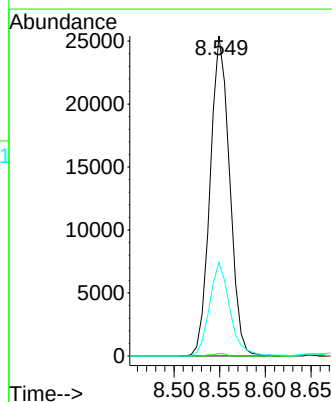
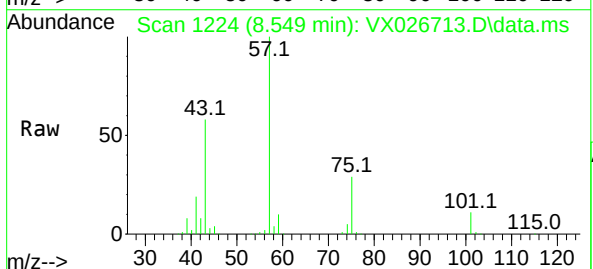
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#06

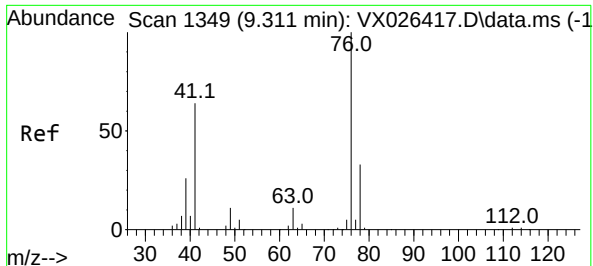
Tgt Ion: 43 Resp: 79833
Ion Ratio Lower Upper
43 100
58 8.0 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 15.197 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

Tgt Ion: 75 Resp: 37523
Ion Ratio Lower Upper
75 100
77 0.8 26.2 39.2#
39 29.2 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 8.235 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.171 min

Lab File: VX026713.D

Acq: 01 Feb 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

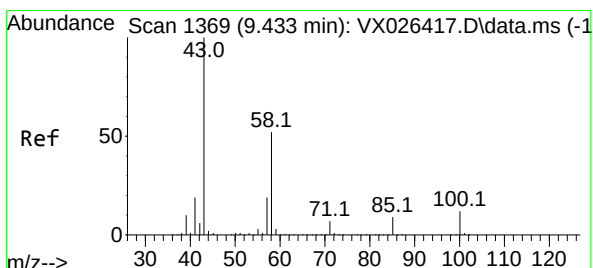
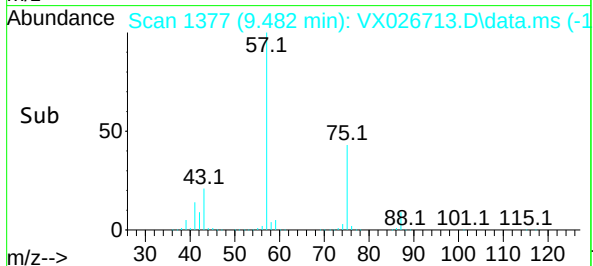
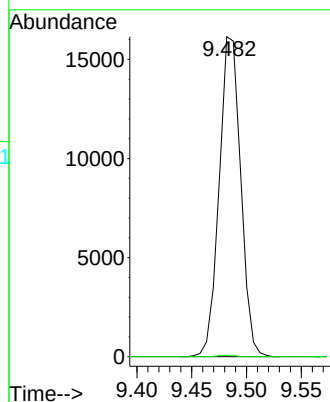
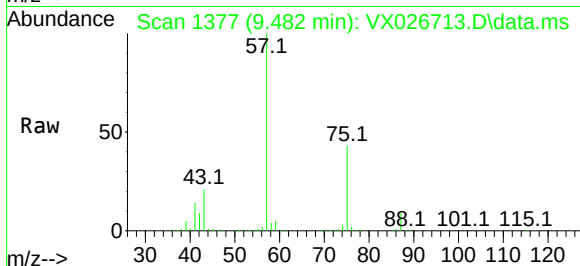
PB142403ZHE#06

Tgt Ion: 76 Resp: 22091

Ion Ratio Lower Upper

76 100

78 0.4 25.7 38.5#



#59

2-Hexanone

Concen: 175.250 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026713.D

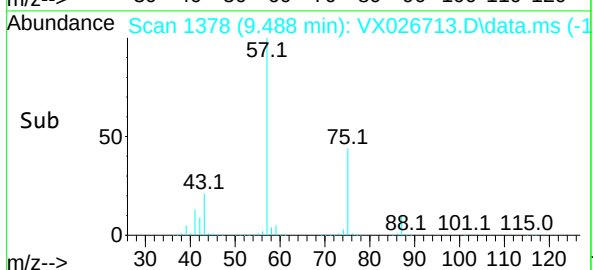
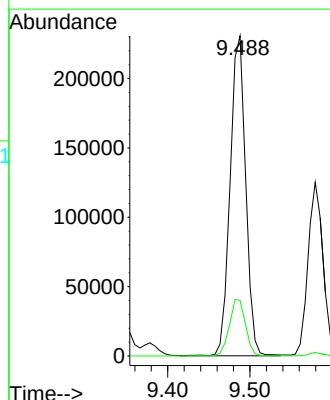
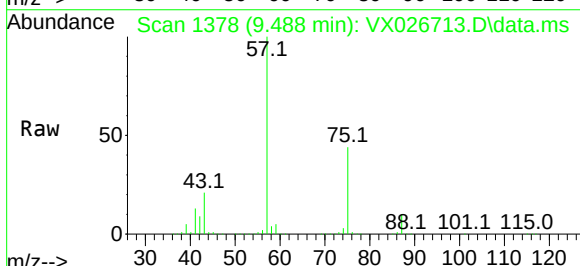
Acq: 01 Feb 2022 17:39

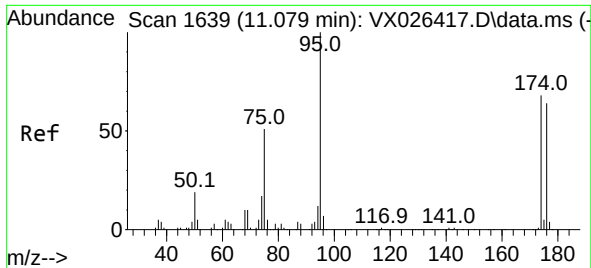
Tgt Ion: 43 Resp: 304116

Ion Ratio Lower Upper

43 100

58 18.5 26.4 79.2#

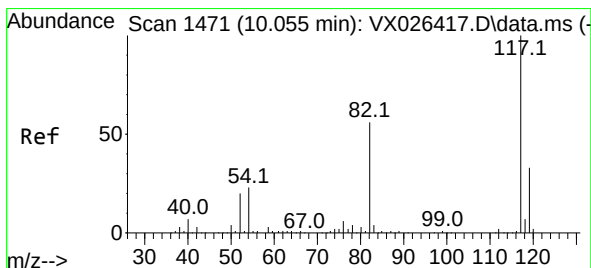
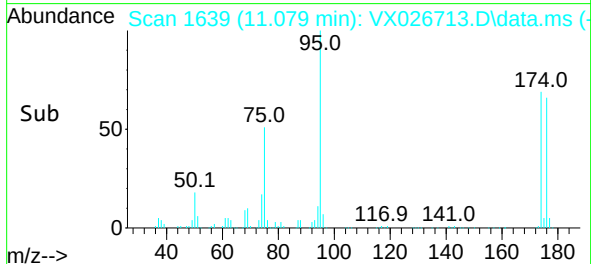
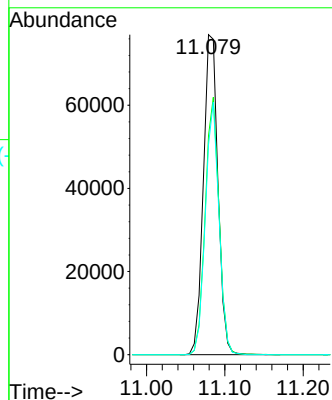
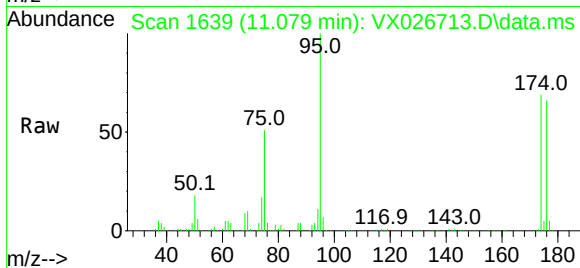




#62
4-Bromofluorobenzene
Concen: 52.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

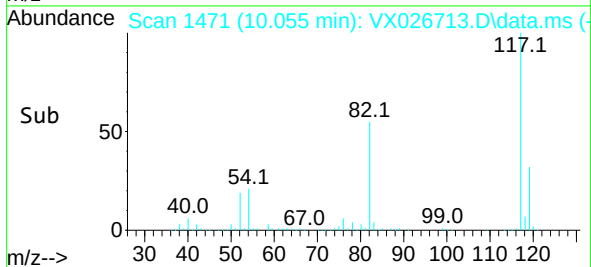
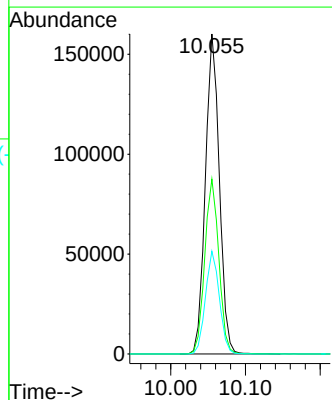
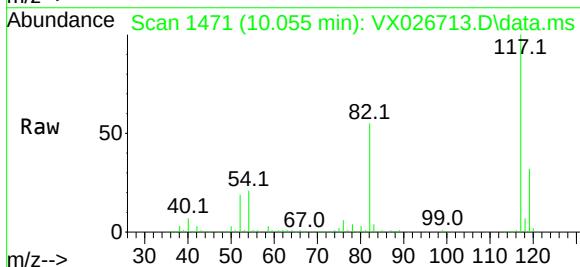
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#06

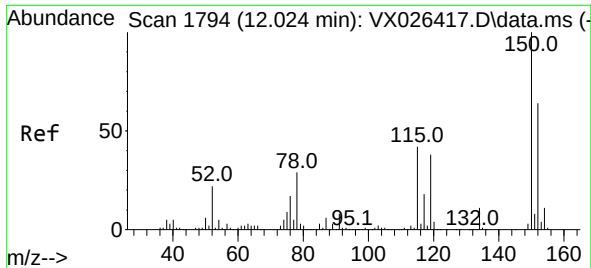
Tgt Ion: 95 Resp: 99297
Ion Ratio Lower Upper
95 100
174 76.6 0.0 148.6
176 73.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

Tgt Ion: 117 Resp: 207640
Ion Ratio Lower Upper
117 100
82 54.7 45.2 67.8
119 32.1 26.2 39.2

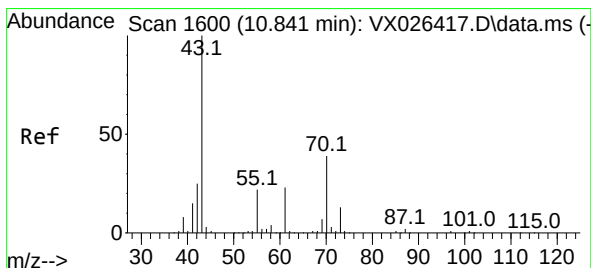
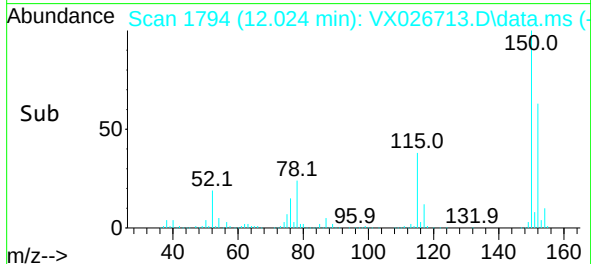
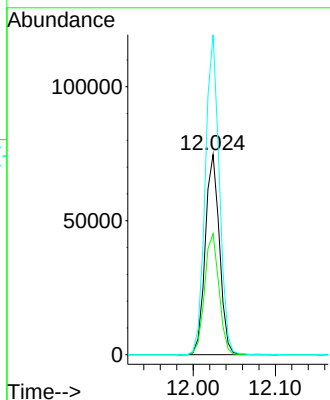
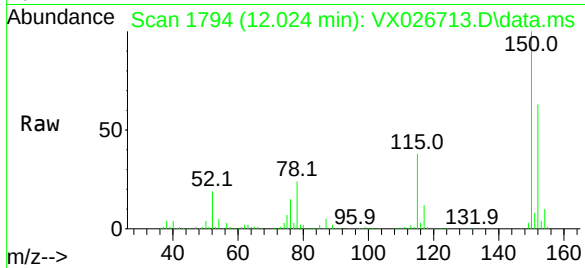




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

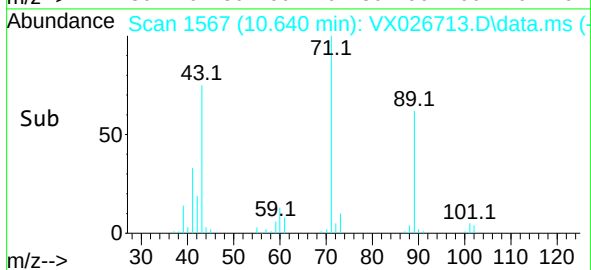
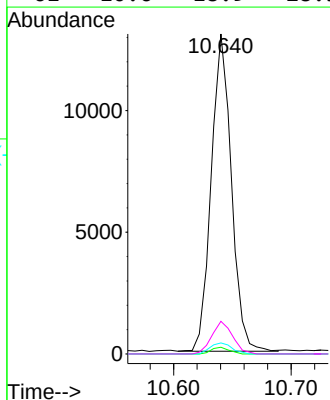
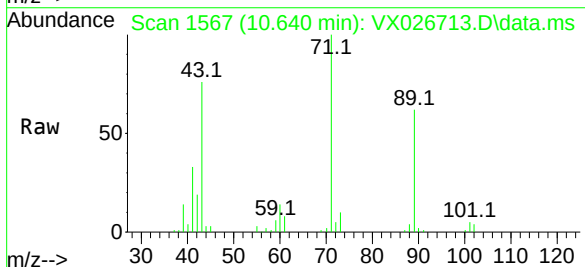
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#06

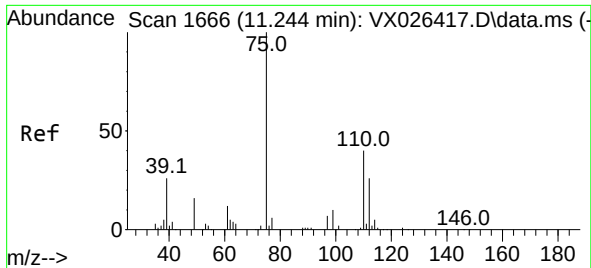
Tgt Ion:152 Resp: 89514
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 158.2 0.0 348.2



#74
N-ethyl acetate
Concen: 5.486 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

Tgt Ion: 43 Resp: 15541
Ion Ratio Lower Upper
43 100
70 1.9 32.9 49.3#
55 3.7 18.3 27.5#
61 10.6 18.9 28.3#

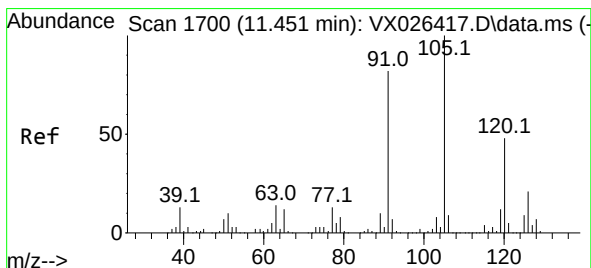
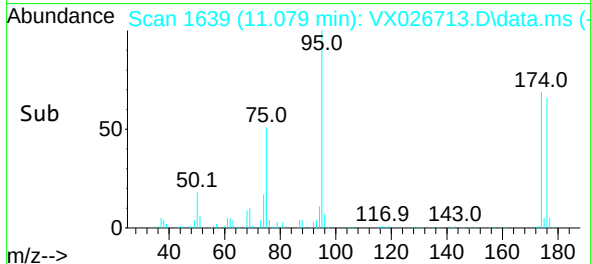
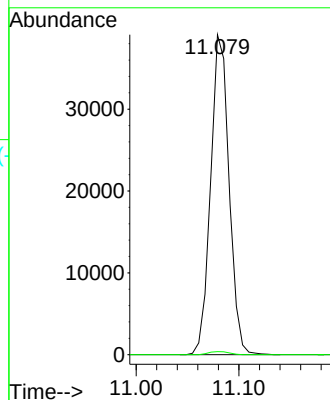
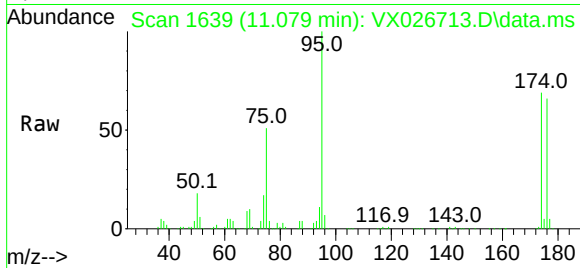




#76
1,2,3-Trichloropropane
Concen: 24.687 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.165 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

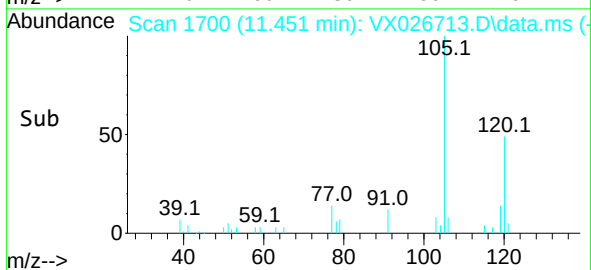
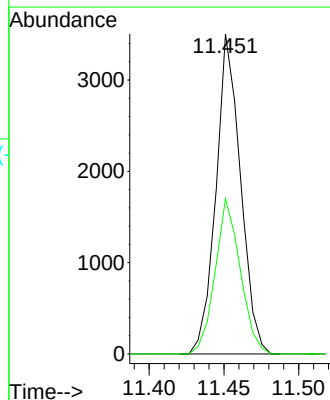
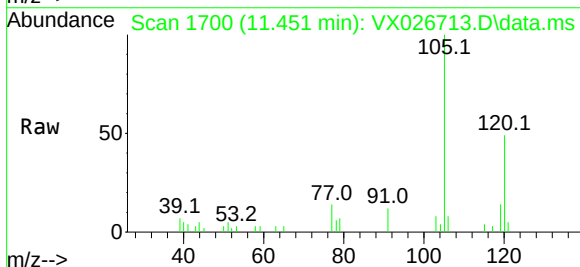
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#06

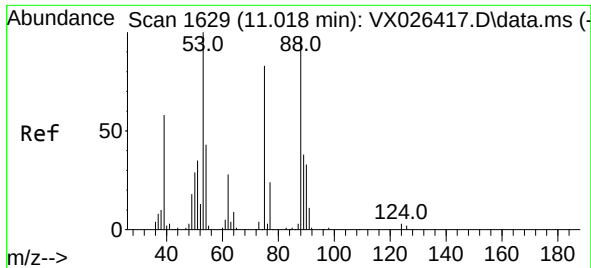
Tgt Ion: 75 Resp: 48656
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.661 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX026713.D
Acq: 01 Feb 2022 17:39

Tgt Ion: 105 Resp: 3998
Ion Ratio Lower Upper
105 100
120 49.6 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.102 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026713.D
 Acq: 01 Feb 2022 17:39

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#06

Tgt Ion: 75 Resp: 48656
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

