

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027082.D
 Acq On : 17 Feb 2022 16:56
 Operator : JC/MD
 Sample : PB142725ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142725ZHE#01

Quant Time: Feb 18 03:52:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

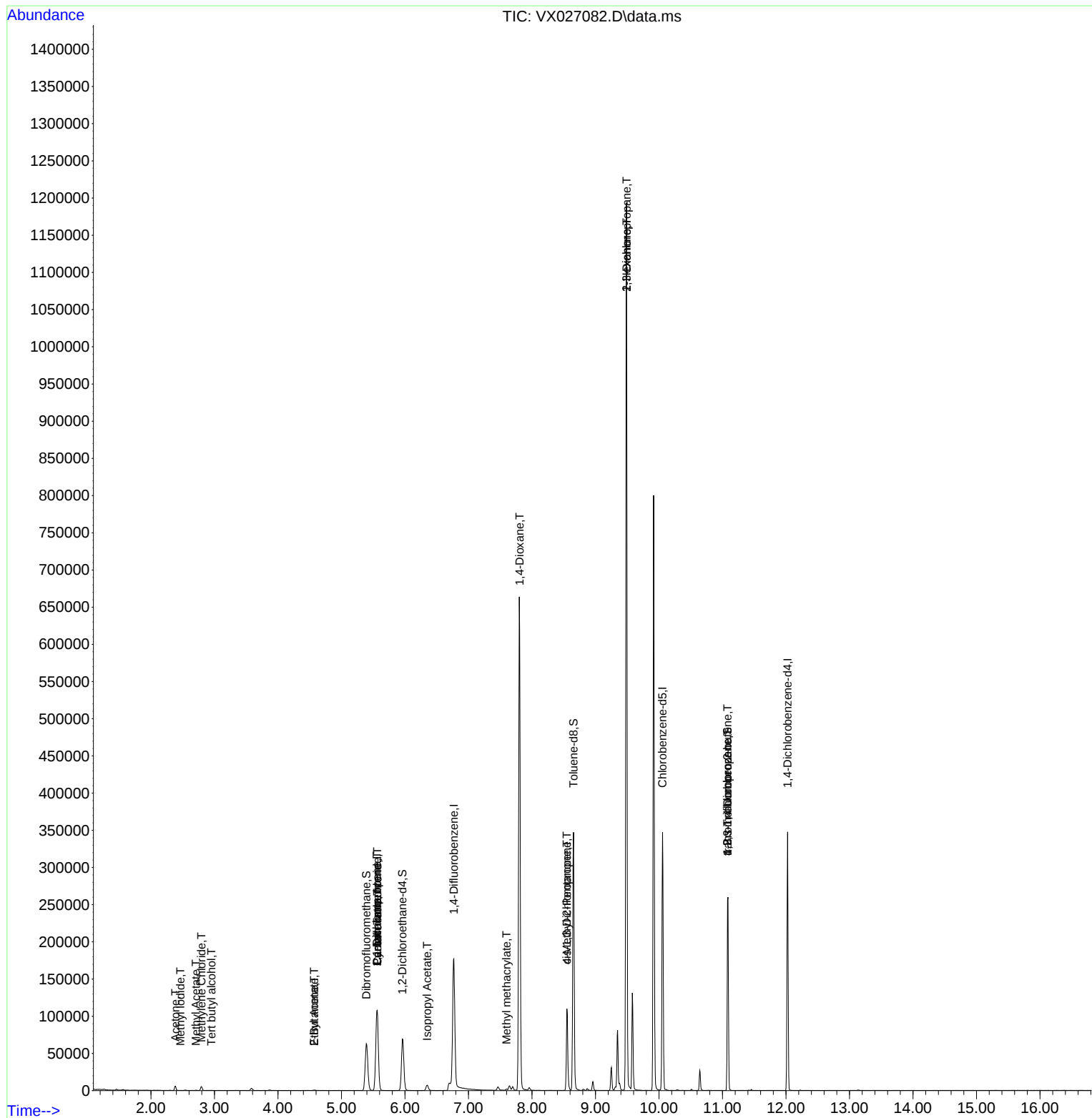
Internal Standards						
1) Pentafluorobenzene	5.562	168	104840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	178354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	155295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66552	52.882	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.760%			
35) Dibromofluoromethane	5.391	113	55951	52.655	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.320%			
50) Toluene-d8	8.653	98	202855	52.007	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.020%			
62) 4-Bromofluorobenzene	11.079	95	73521	53.539	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.080%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.819	64	19	Below Cal	#	43
10) Methyl Iodide	2.465	142	40	2.280	ug/l #	37
11) Tert butyl alcohol	2.953	59	158	0.695	ug/l #	75
16) Acetone	2.386	43	6688	12.100	ug/l	98
18) Methyl Acetate	2.709	43	727	0.457	ug/l #	75
20) Methylene Chloride	2.794	84	2509	2.095	ug/l	92
25) 2-Butanone	4.568	43	1365	1.533	ug/l #	88
31) Cyclohexane	5.562	56	1945	0.973	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7979	4.760	ug/l #	51
37) Ethyl Acetate	4.568	43	1365	0.717	ug/l #	69
38) Carbon Tetrachloride	5.562	117	10644	6.055	ug/l #	17
43) Isopropyl Acetate	6.348	43	10478	3.575	ug/l	98
48) Methyl methacrylate	7.598	41	2988	2.057	ug/l #	16
49) 1,4-Dioxane	7.806	88	20	0.799	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	37763	21.260	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	17906	9.900	ug/l #	57
57) 1,3-Dichloropropane	9.488	76	10478	5.211	ug/l #	43
59) 2-Hexanone	9.488	43	143870	110.736	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	36227	23.919	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	36227	73.106	ug/l #	3

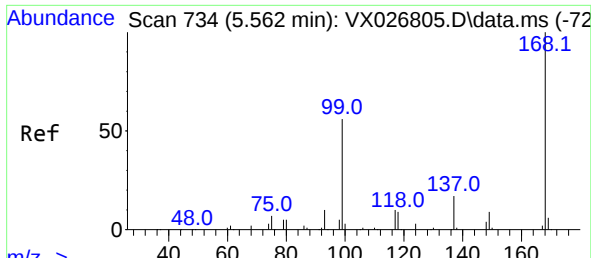
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
PB142725ZHE#01

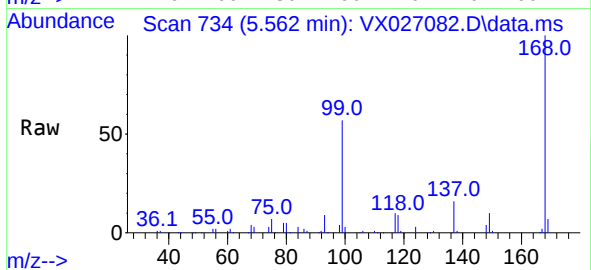
Quant Time: Feb 18 03:52:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



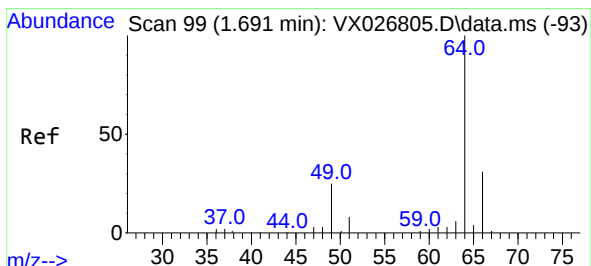
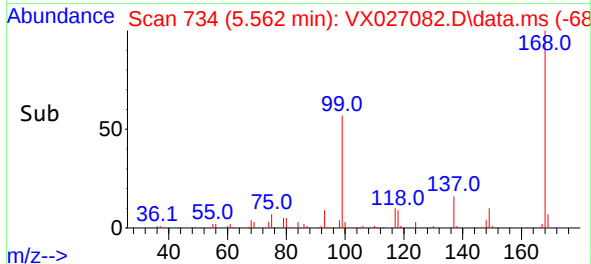
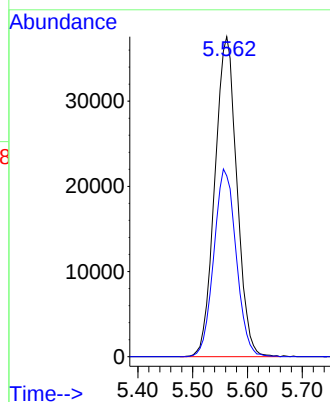


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#01

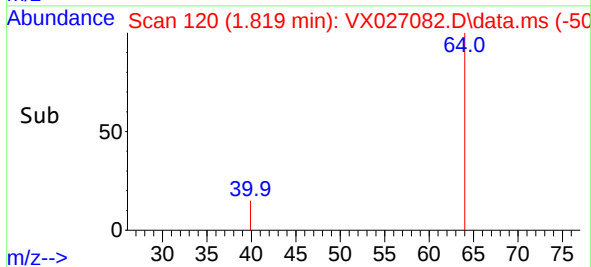
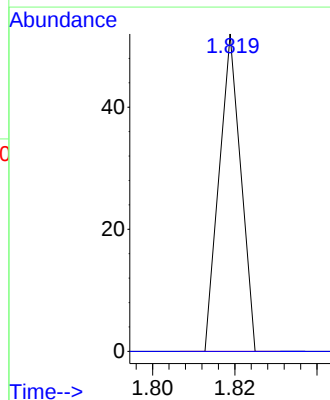
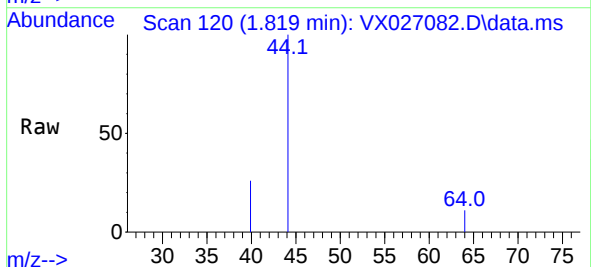


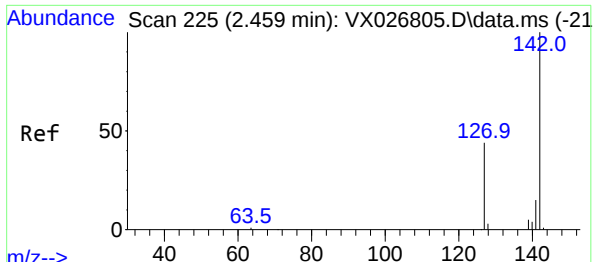
Tgt Ion:168 Resp: 104840
Ion Ratio Lower Upper
168 100
99 56.5 50.3 75.5



#6
Chloroethane
Concen: Below Cal
RT: 1.819 min Scan# 120
Delta R.T. 0.128 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Tgt Ion: 64 Resp: 19
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

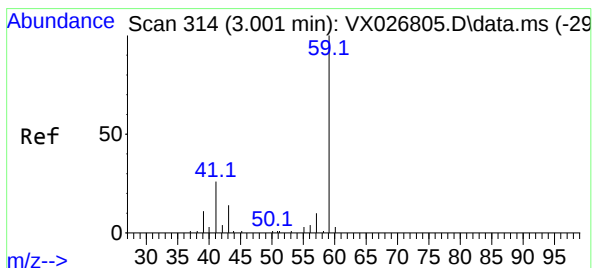
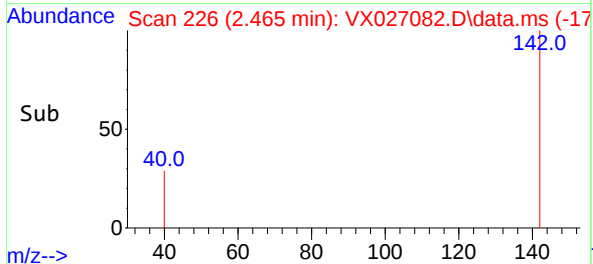
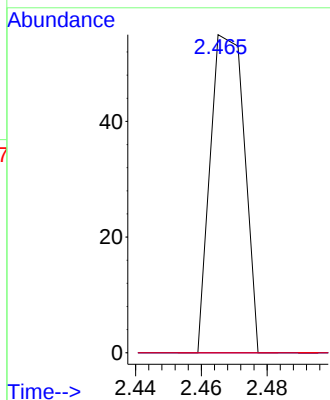
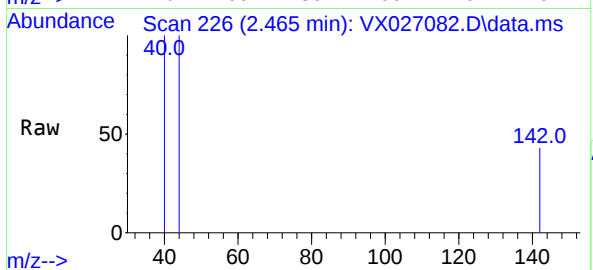




#10
Methyl Iodide
Concen: 2.280 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

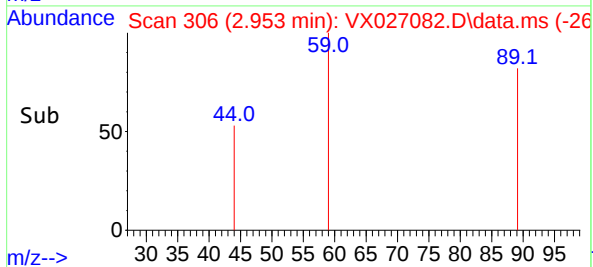
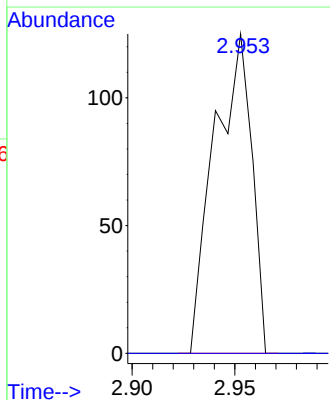
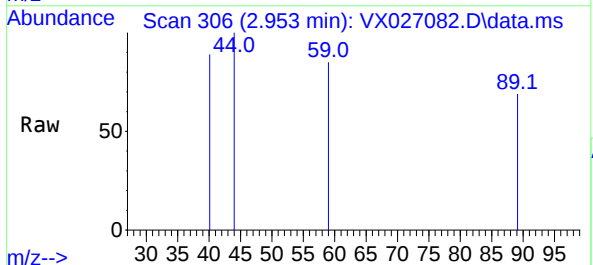
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#01

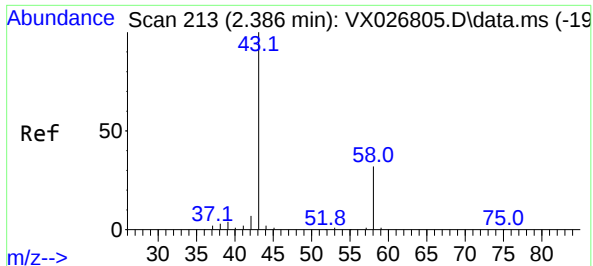
Tgt Ion:142 Resp: 40
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.695 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.048 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Tgt Ion: 59 Resp: 158
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

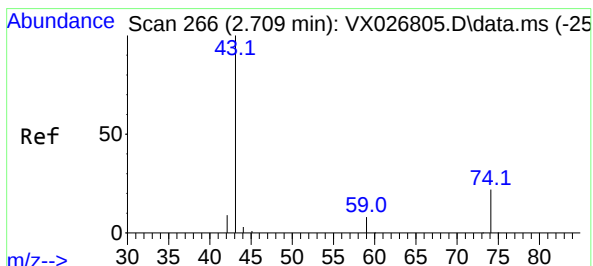
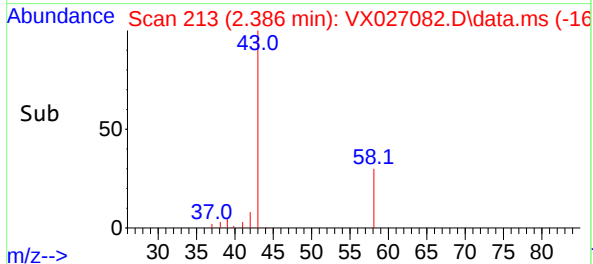
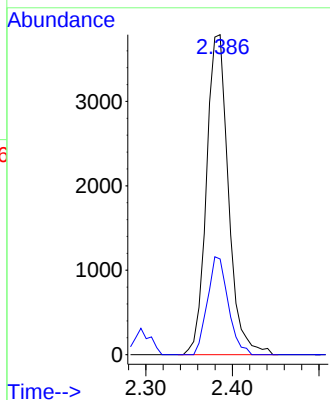
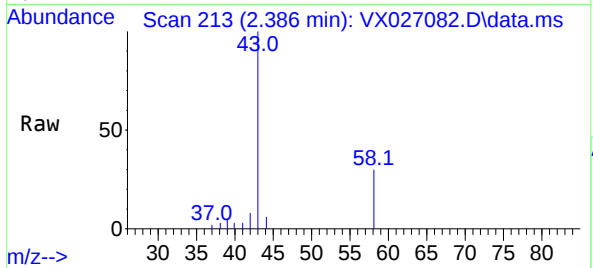




#16
Acetone
Concen: 12.100 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

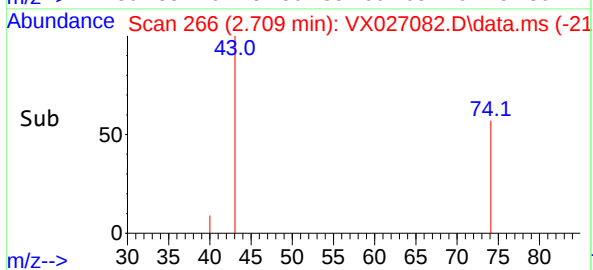
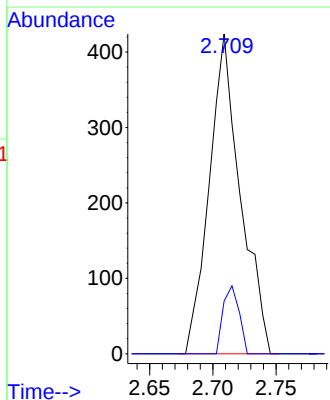
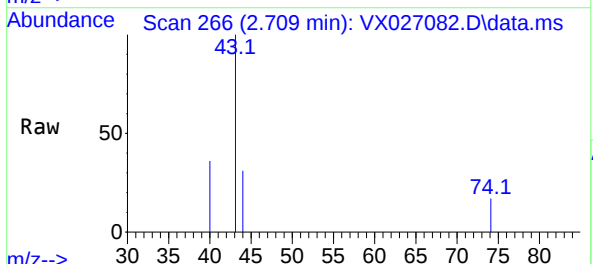
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#01

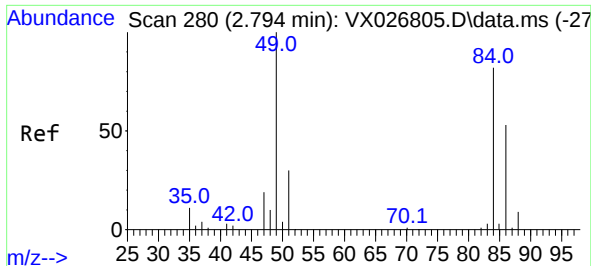
Tgt Ion: 43 Resp: 6688
Ion Ratio Lower Upper
43 100
58 29.9 23.0 34.6



#18
Methyl Acetate
Concen: 0.457 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
74 10.7 18.3 27.5#





#20

Methylene Chloride

Concen: 2.095 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX027082.D

Acq: 17 Feb 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

PB142725ZHE#01

Tgt Ion: 84 Resp: 2509

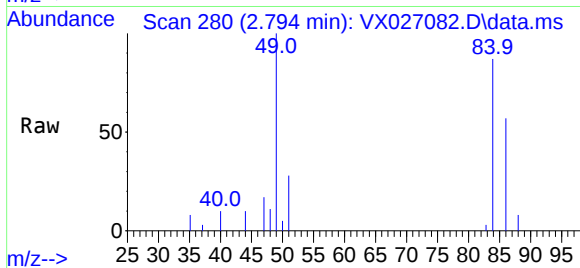
Ion Ratio Lower Upper

84 100

49 114.6 101.5 152.3

51 32.4 31.2 46.8

86 65.2 51.3 76.9



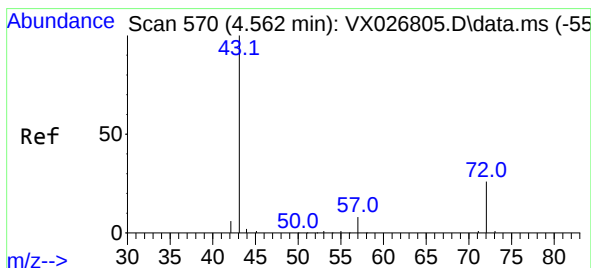
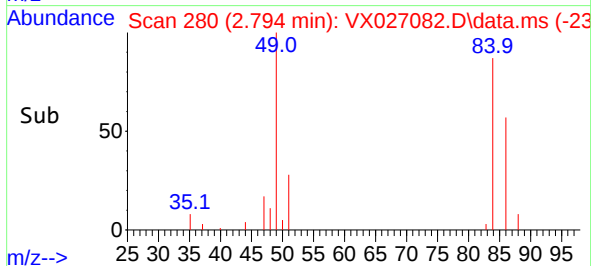
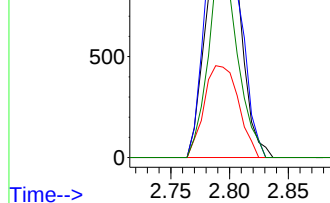
Abundance

1500

1000

500

0



#25

2-Butanone

Concen: 1.533 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX027082.D

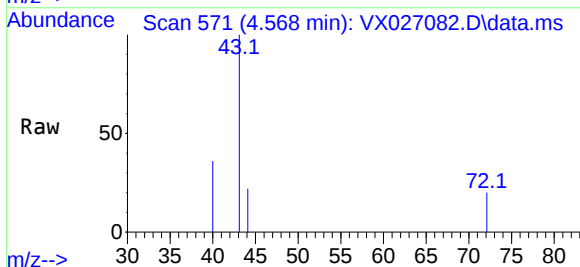
Acq: 17 Feb 2022 16:56

Tgt Ion: 43 Resp: 1365

Ion Ratio Lower Upper

43 100

72 19.5 20.4 30.6#



Abundance

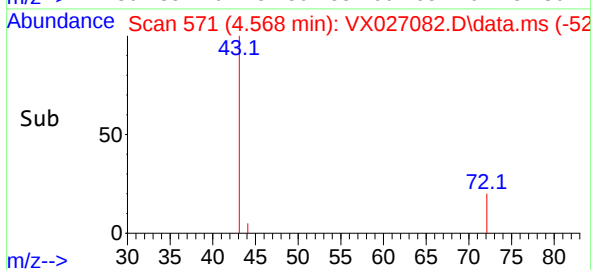
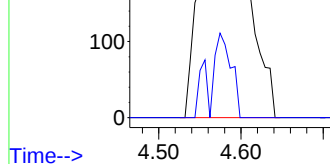
400

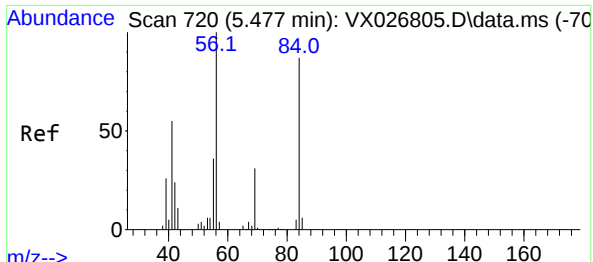
300

200

100

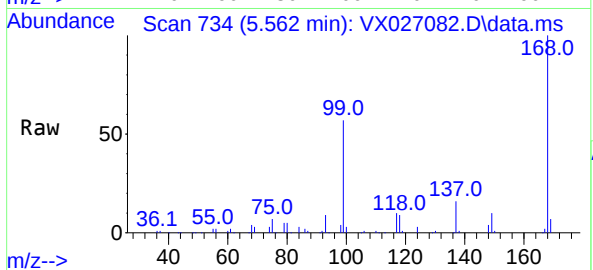
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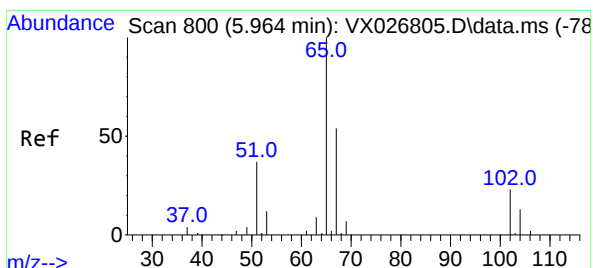
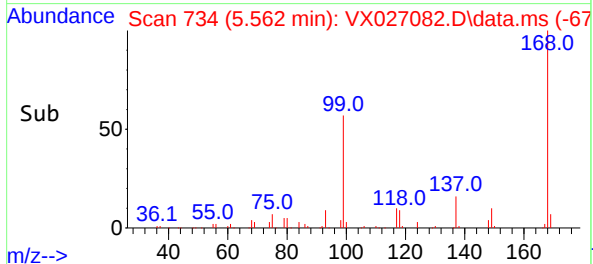
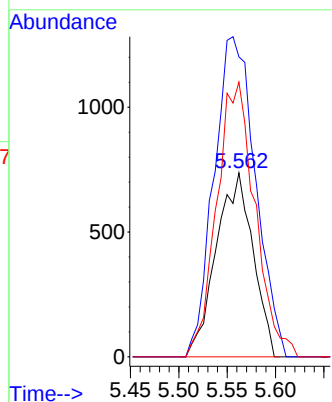


#31
Cyclohexane
Concen: 0.973 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#01

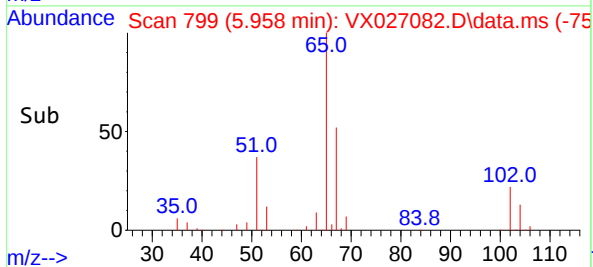
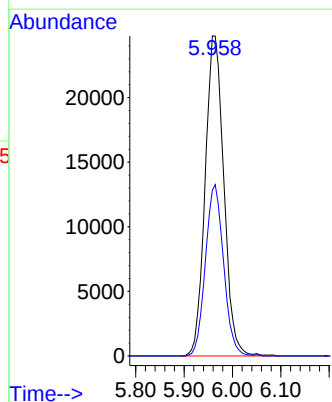
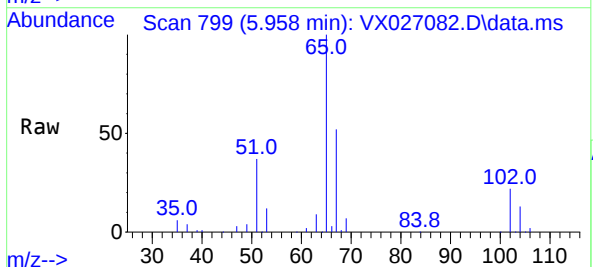


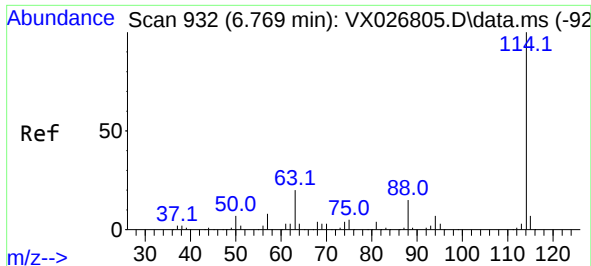
Tgt Ion: 56 Resp: 1945
Ion Ratio Lower Upper
56 100
69 163.1 25.8 38.6#
84 149.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.882 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Tgt Ion: 65 Resp: 66552
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8

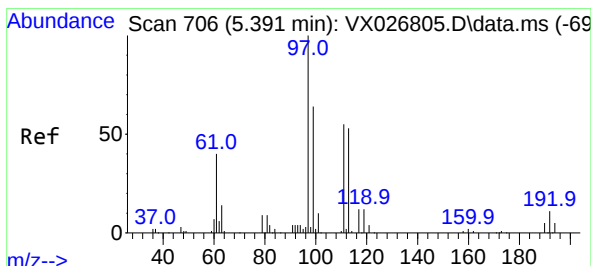
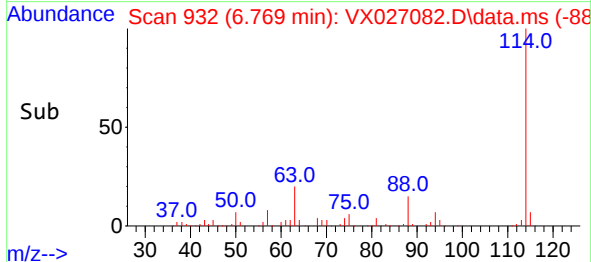
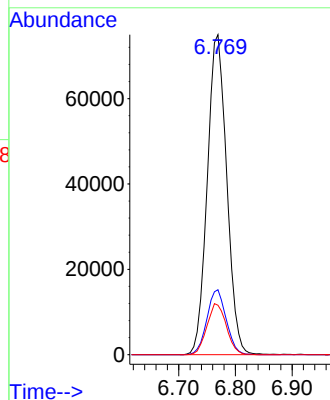
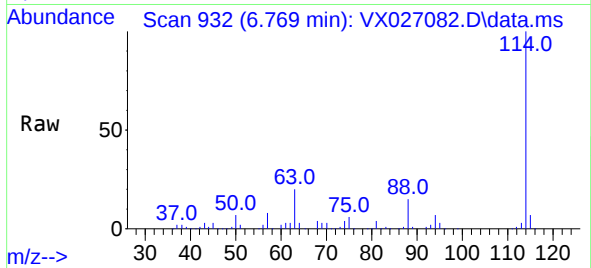




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

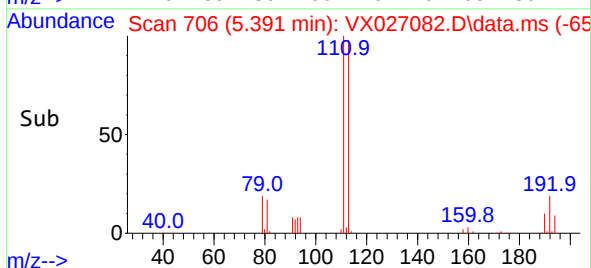
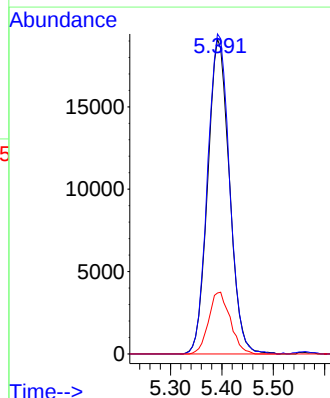
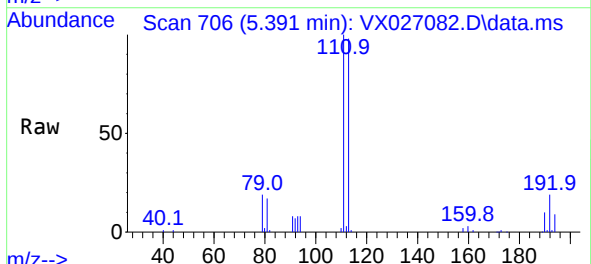
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#01

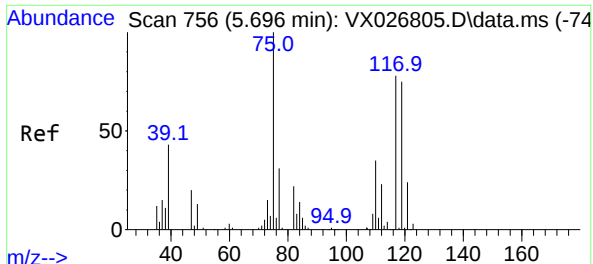
Tgt Ion:114 Resp: 178354
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.8
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.655 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Tgt Ion:113 Resp: 55951
Ion Ratio Lower Upper
113 100
111 103.0 81.2 121.8
192 19.5 15.0 22.4

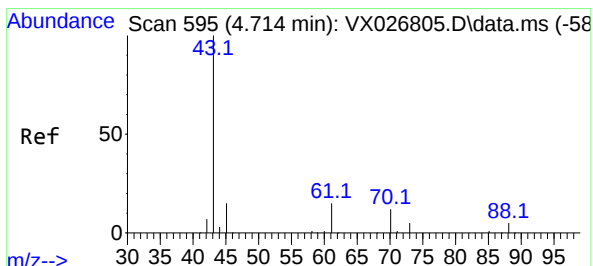
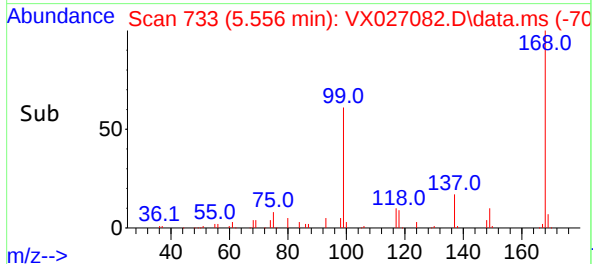
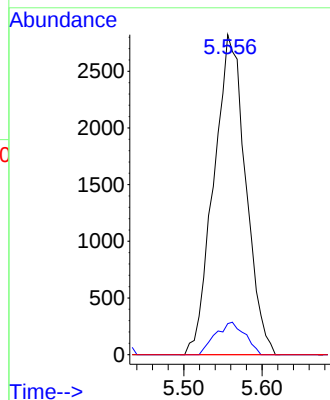
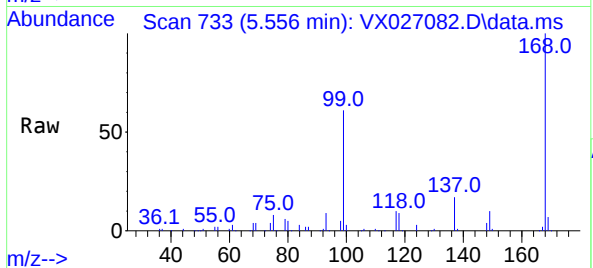




#36
1,1-Dichloropropene
Concen: 4.760 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

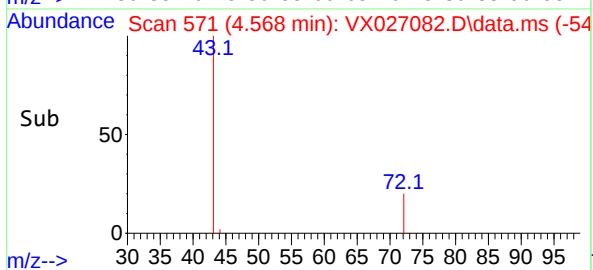
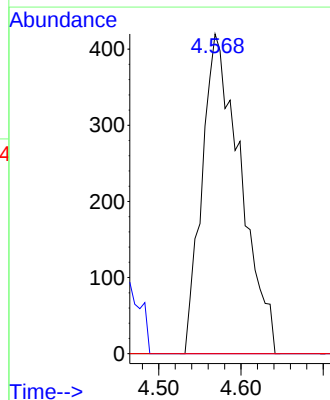
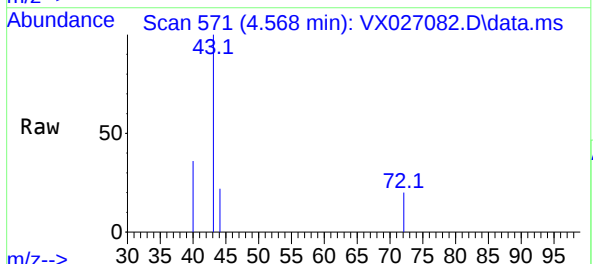
Instrument :
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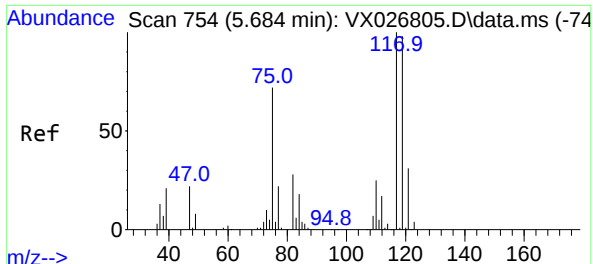
Tgt Ion: 75 Resp: 7979
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 0.717 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.146 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

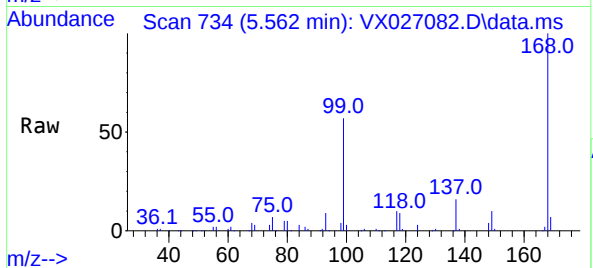
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.5 12.7#



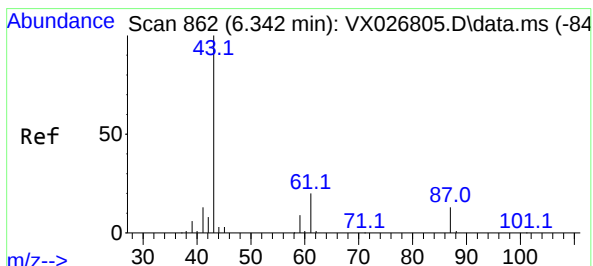
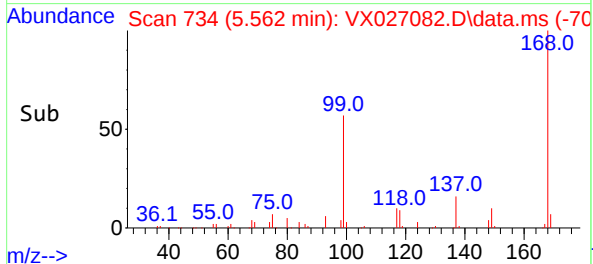
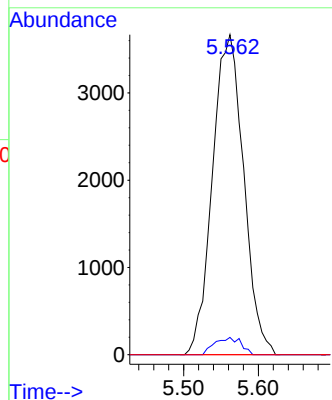


#38
Carbon Tetrachloride
Concen: 6.055 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#01

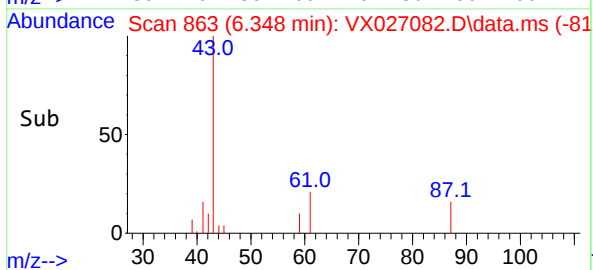
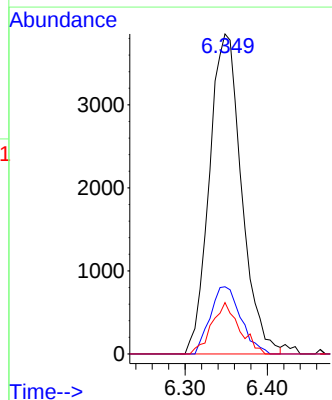
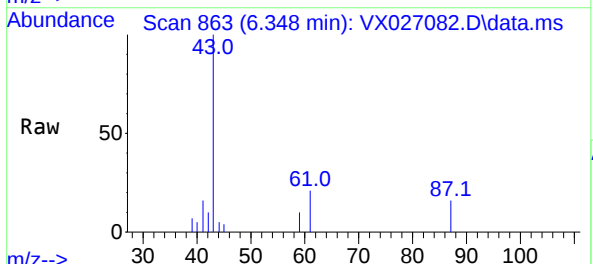


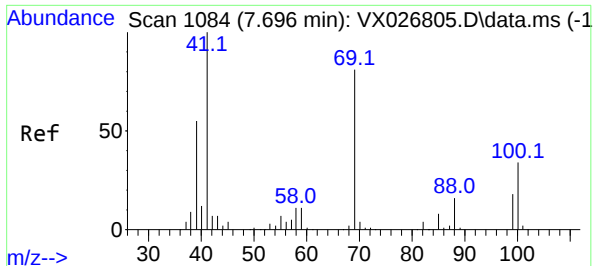
Tgt Ion:117 Resp: 10644
Ion Ratio Lower Upper
117 100
119 5.4 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.575 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Tgt Ion: 43 Resp: 10478
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 13.8 10.2 15.2





#48

Methyl methacrylate

Concen: 2.057 ug/l

RT: 7.598 min Scan# 1100

Delta R.T. -0.097 min

Lab File: VX027082.D

Acq: 17 Feb 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

PB142725ZHE#01

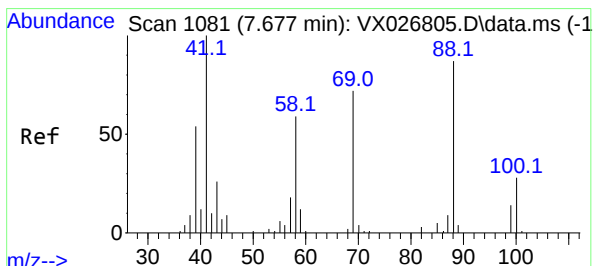
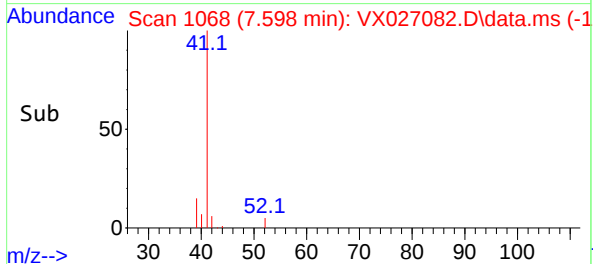
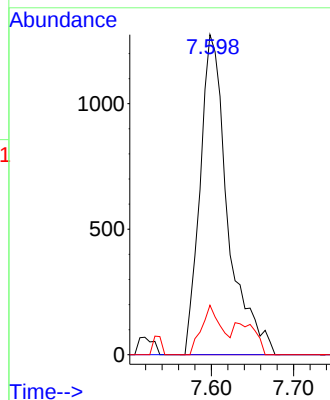
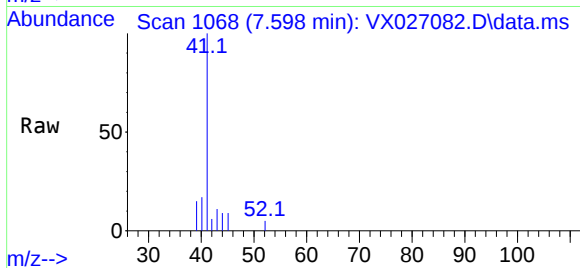
Tgt Ion: 41 Resp: 2988

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: 0.799 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.128 min

Lab File: VX027082.D

Acq: 17 Feb 2022 16:56

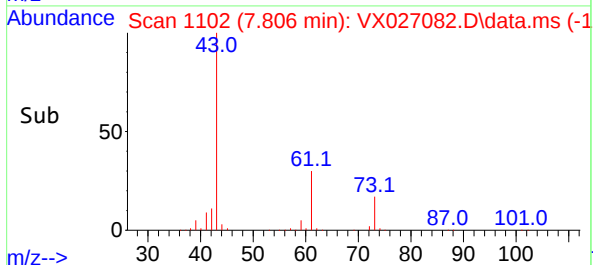
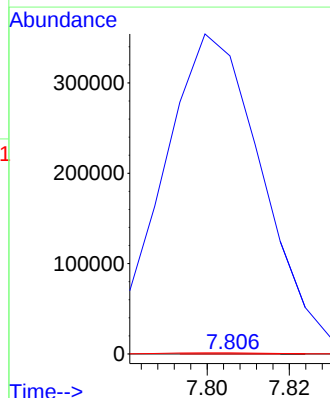
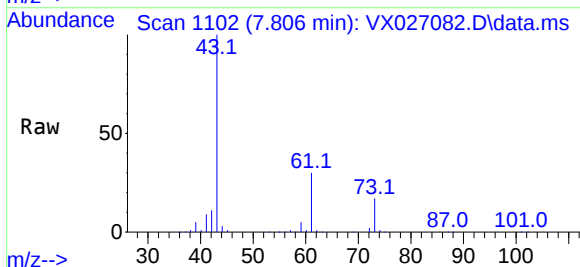
Tgt Ion: 88 Resp: 20

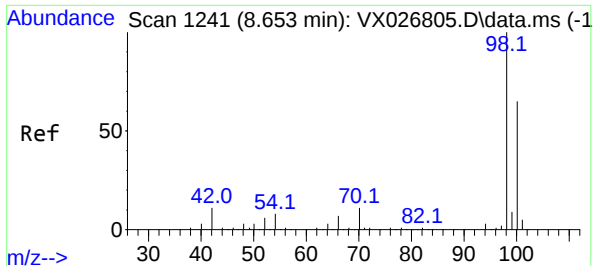
Ion Ratio Lower Upper

88 100

43 3048480.0 29.9 44.9#

58 11580.0 57.8 86.6#

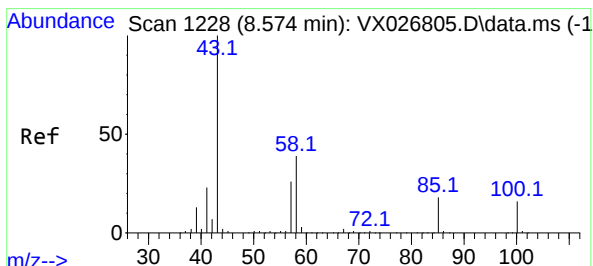
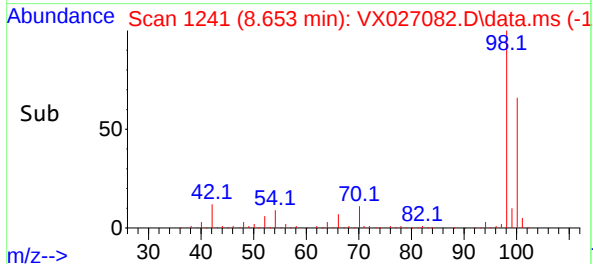
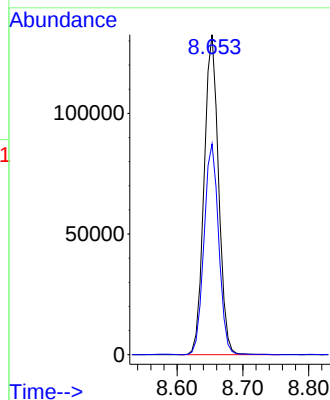
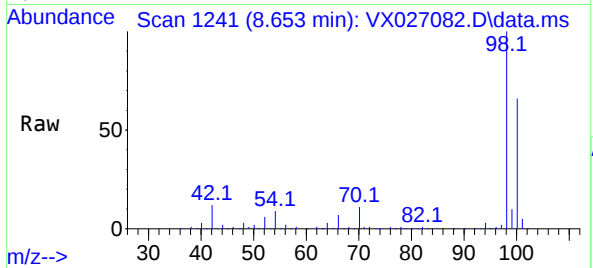




#50
Toluene-d8
Concen: 52.007 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

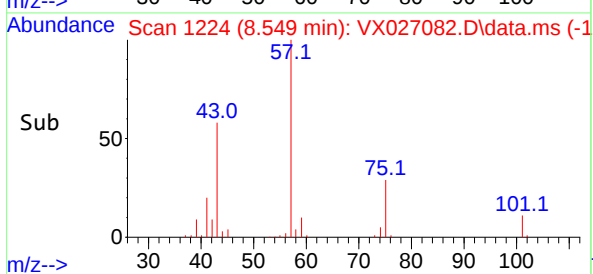
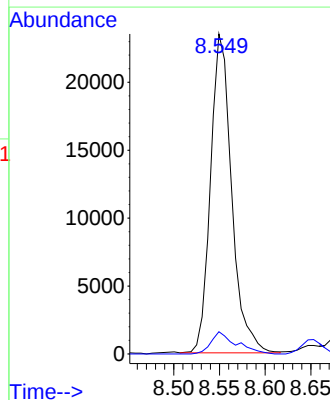
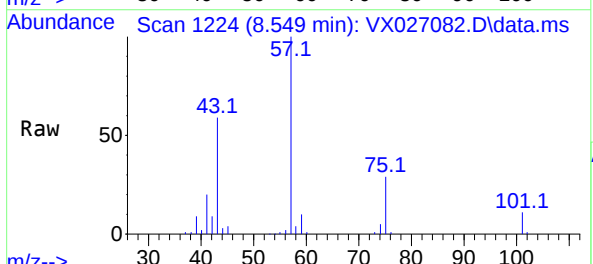
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#01

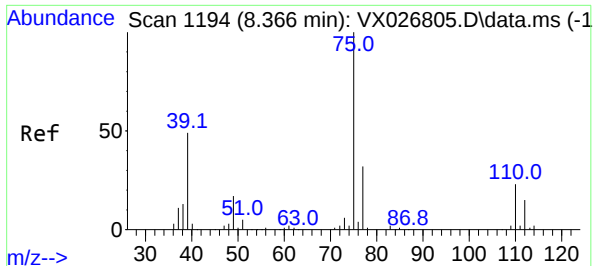
Tgt Ion: 98 Resp: 202855
Ion Ratio Lower Upper
98 100
100 66.9 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 21.260 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Tgt Ion: 43 Resp: 37763
Ion Ratio Lower Upper
43 100
58 8.3 30.5 45.7#

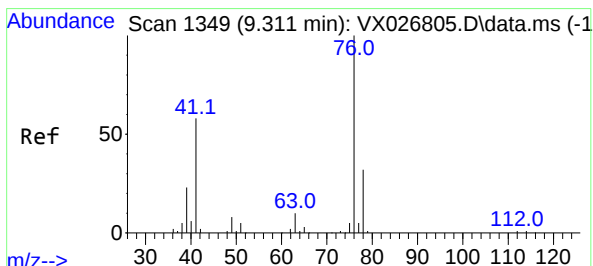
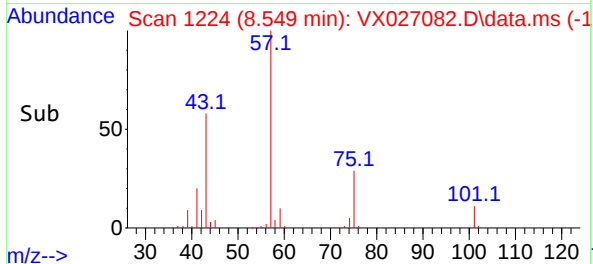
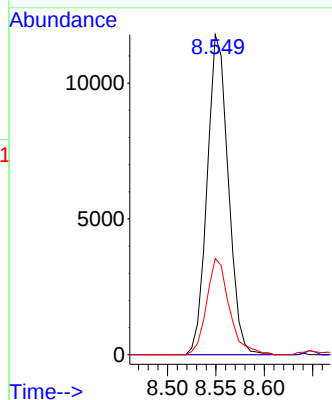
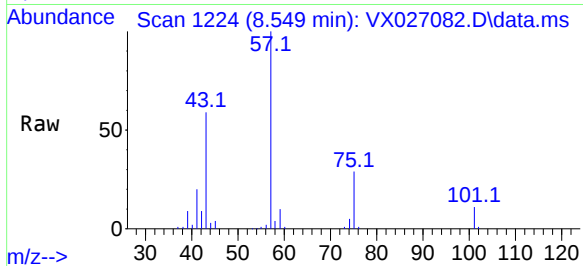




#54
 cis-1,3-Dichloropropene
 Concen: 9.900 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX027082.D
 Acq: 17 Feb 2022 16:56

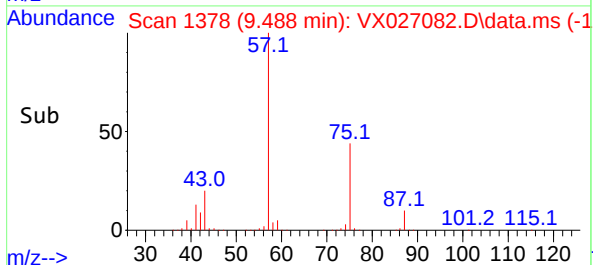
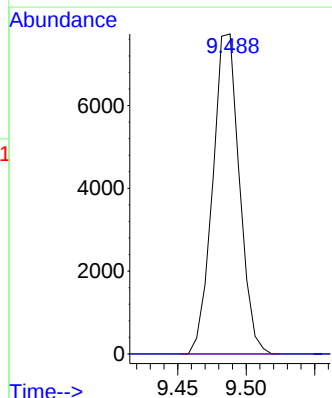
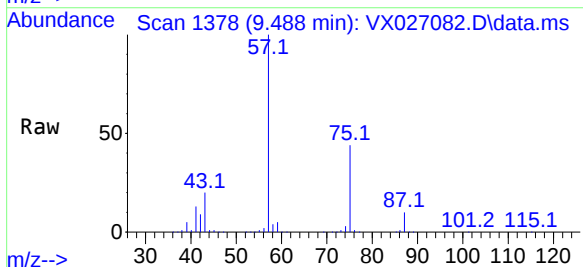
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142725ZHE#01

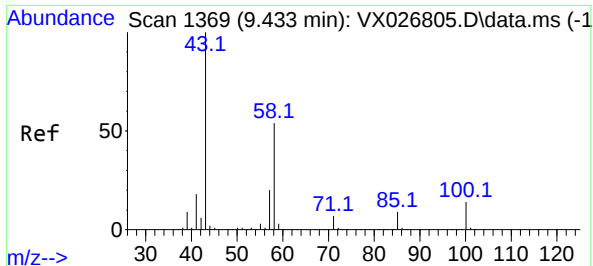
Tgt Ion: 75 Resp: 17906
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.2 39.2#
 39 30.1 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 5.211 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX027082.D
 Acq: 17 Feb 2022 16:56

Tgt Ion: 76 Resp: 10478
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 110.736 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.055 min

Lab File: VX027082.D

Acq: 17 Feb 2022 16:56

Instrument :

MSVOA_X

ClientSampleId :

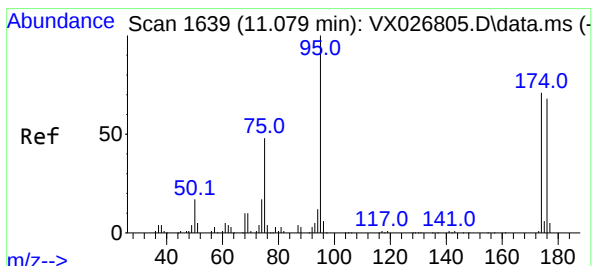
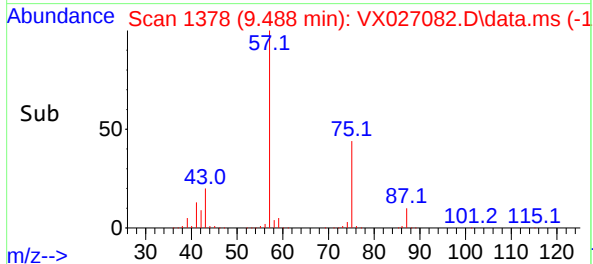
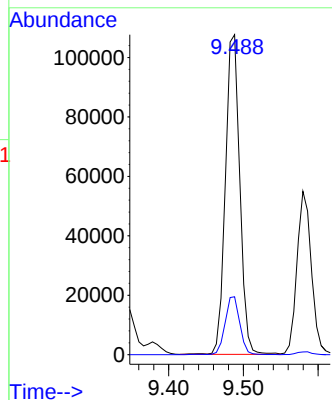
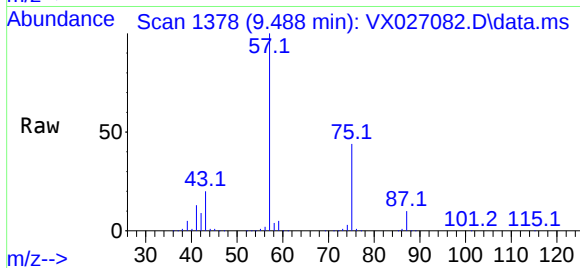
PB142725ZHE#01

Tgt Ion: 43 Resp: 143870

Ion Ratio Lower Upper

43 100

58 18.5 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 53.539 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX027082.D

Acq: 17 Feb 2022 16:56

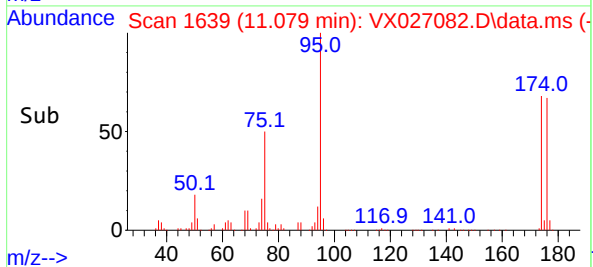
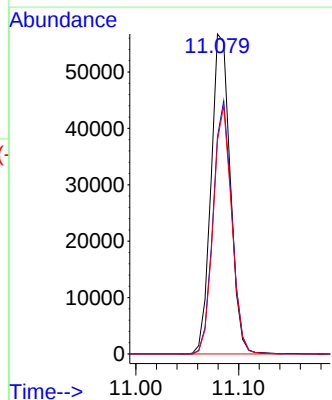
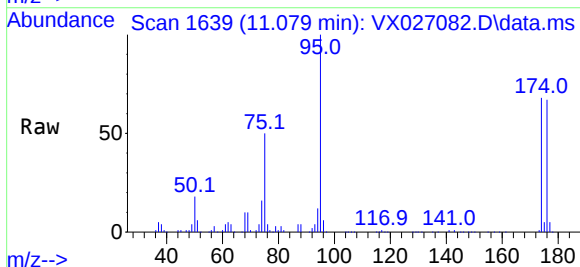
Tgt Ion: 95 Resp: 73521

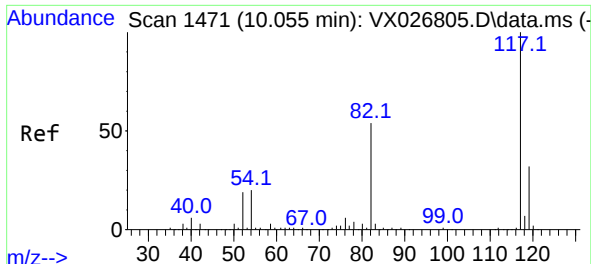
Ion Ratio Lower Upper

95 100

174 76.7 0.0 148.6

176 74.5 0.0 141.4

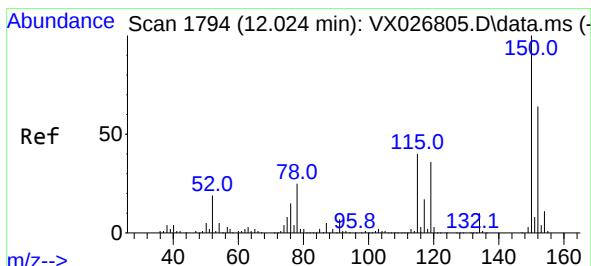
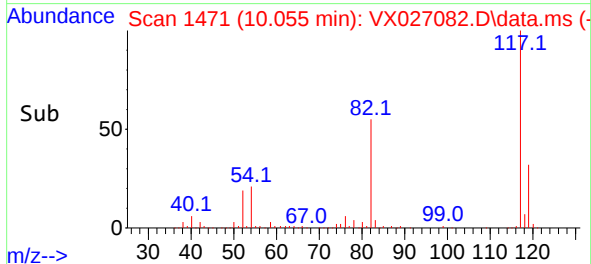
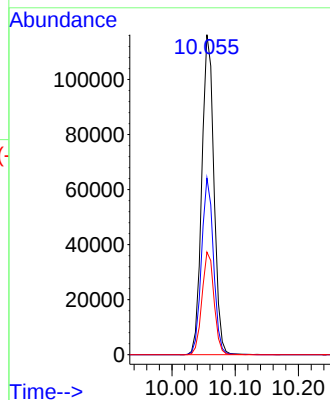
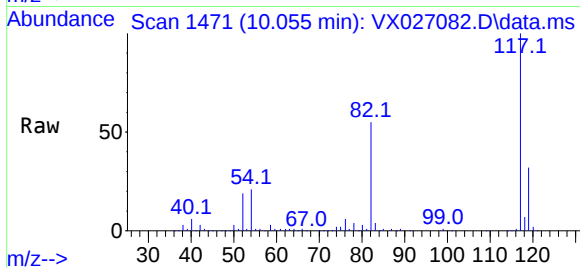




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

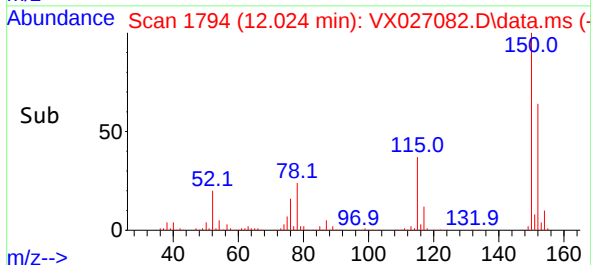
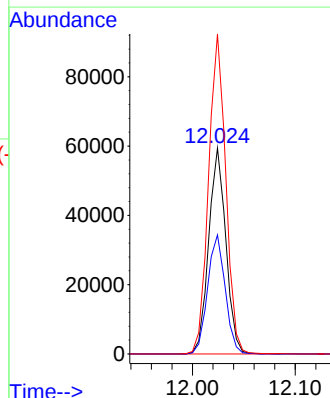
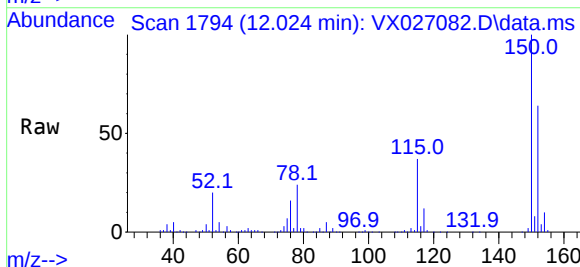
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#01

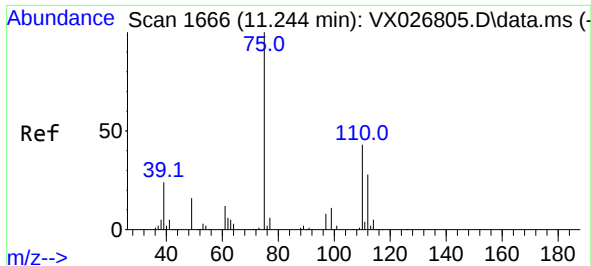
Tgt Ion:117 Resp: 155295
Ion Ratio Lower Upper
117 100
82 55.2 45.2 67.8
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Tgt Ion:152 Resp: 69188
Ion Ratio Lower Upper
152 100
115 59.2 44.2 132.6
150 155.9 0.0 348.2

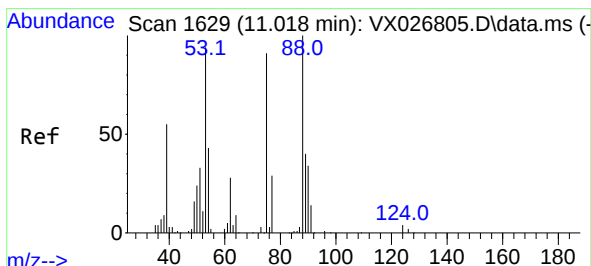
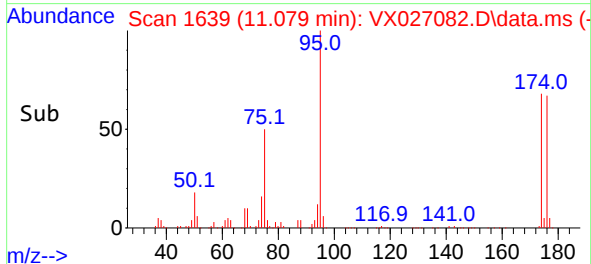
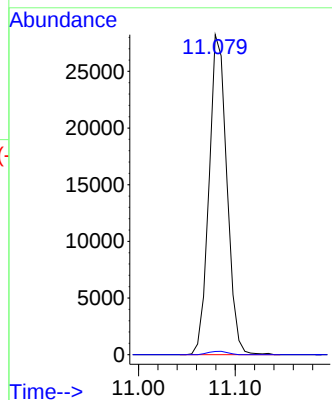
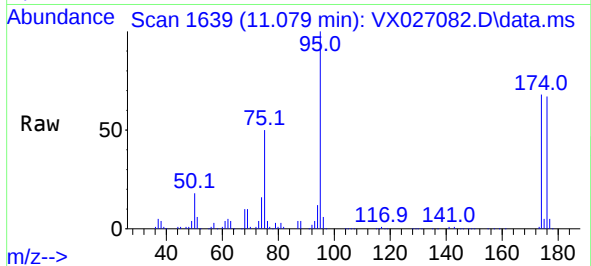




#76
1,2,3-Trichloropropane
Concen: 23.919 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#01

Tgt Ion: 75 Resp: 36227
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.106 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027082.D
Acq: 17 Feb 2022 16:56

Tgt Ion: 75 Resp: 36227
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

