

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027083.D
 Acq On : 17 Feb 2022 17:19
 Operator : JC/MD
 Sample : PB142725ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142725ZHE#02

Quant Time: Feb 18 03:52:44 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)

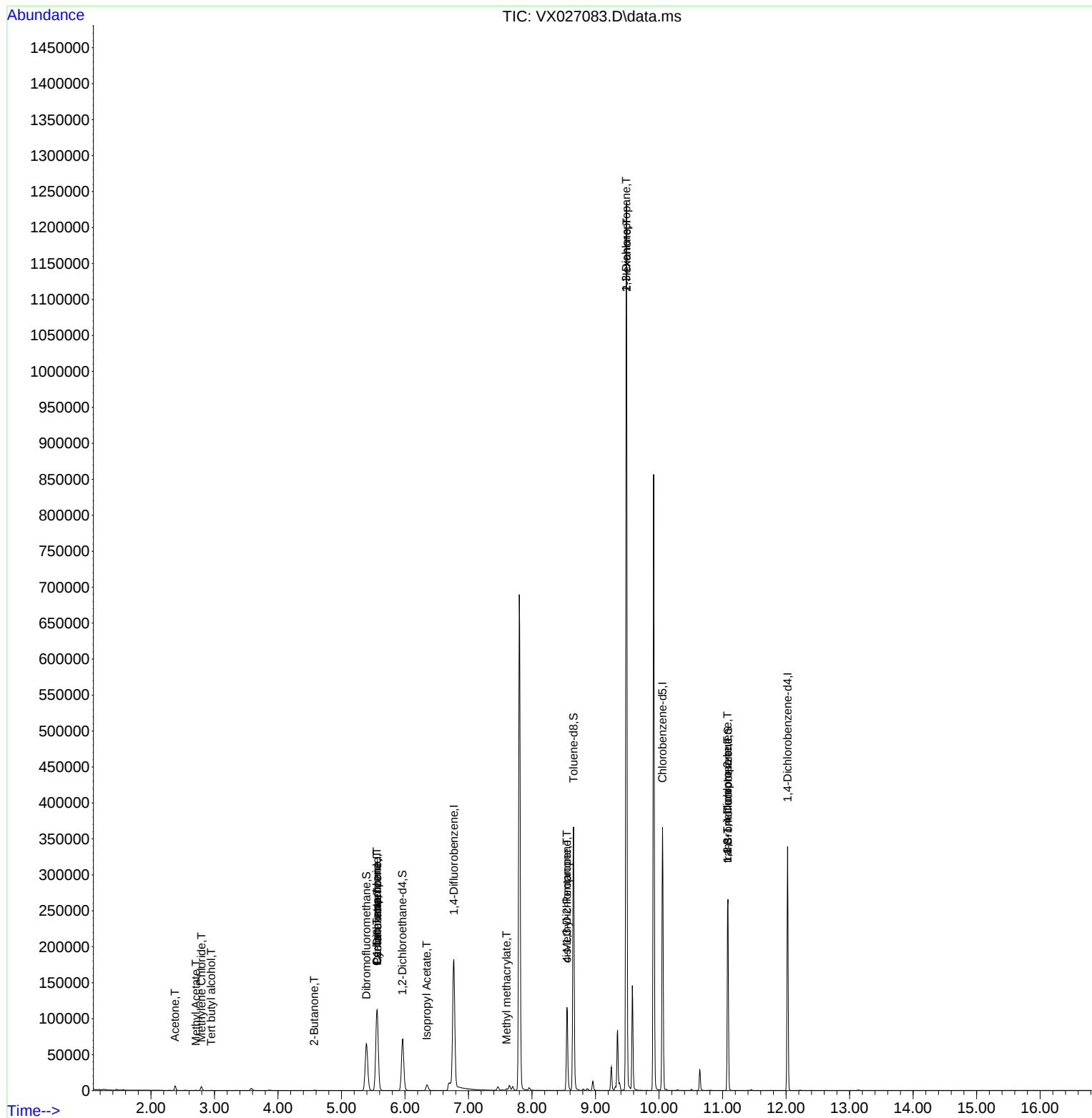
Internal Standards						
1) Pentafluorobenzene	5.562	168	107684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	183549	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68033	52.631	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.260%			
35) Dibromofluoromethane	5.391	113	57408	52.497	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.000%			
50) Toluene-d8	8.653	98	210226	52.372	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.740%			
62) 4-Bromofluorobenzene	11.085	95	73131	51.747	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.500%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	134	0.574	ug/l #	75
16) Acetone	2.380	43	6717	11.831	ug/l	98
18) Methyl Acetate	2.709	43	654	0.400	ug/l #	66
20) Methylene Chloride	2.794	84	2620	2.130	ug/l	87
25) 2-Butanone	4.568	43	1242	1.358	ug/l	94
31) Cyclohexane	5.562	56	2143	1.043	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8056	4.670	ug/l #	51
38) Carbon Tetrachloride	5.556	117	10775	5.956	ug/l #	16
43) Isopropyl Acetate	6.342	43	10962	3.634	ug/l	99
48) Methyl methacrylate	7.598	41	3492	2.336	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	40348	22.072	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	18877	10.141	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	10877	5.256	ug/l #	43
59) 2-Hexanone	9.488	43	151243	113.116	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	36592	24.596	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	36592	75.077	ug/l #	3

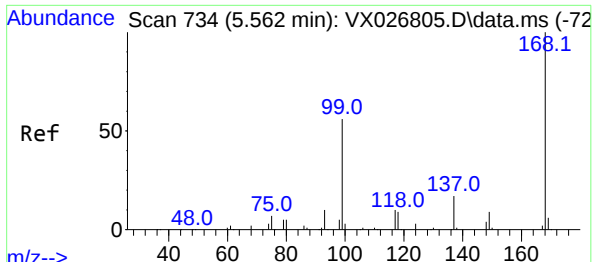
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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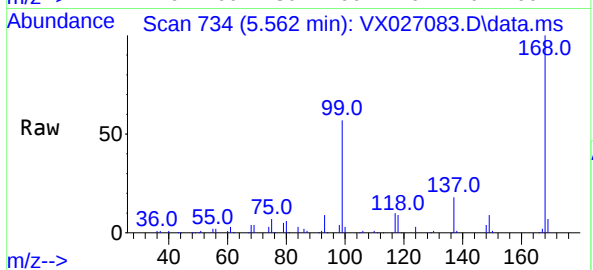
Quant Time: Feb 18 03:52:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



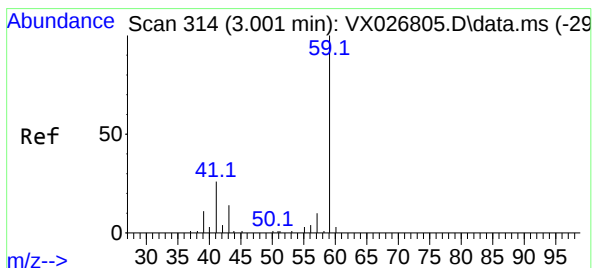
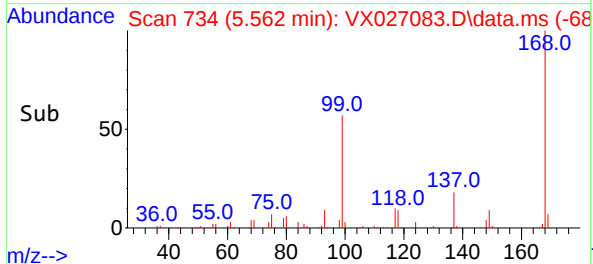
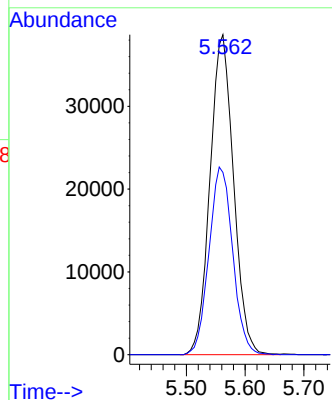


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#02

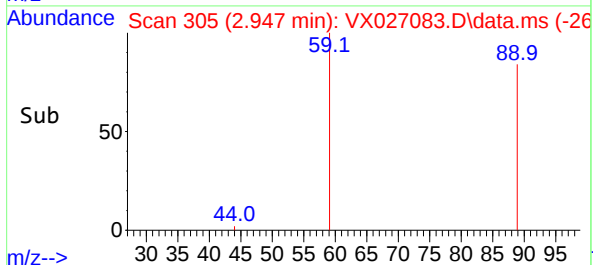
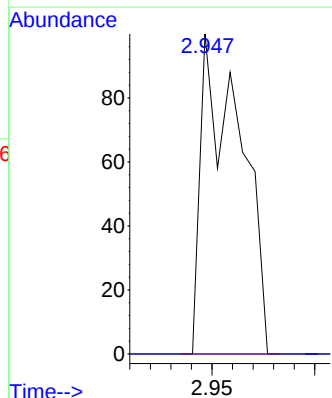
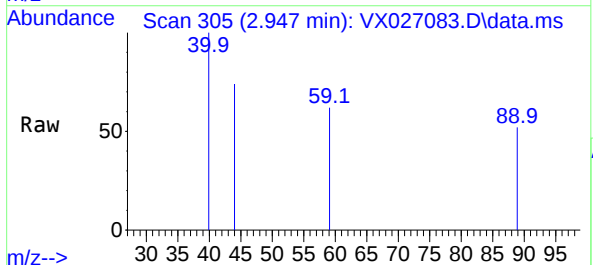


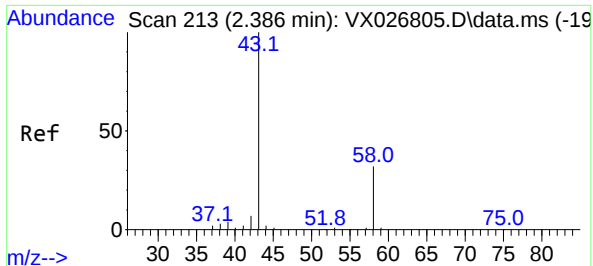
Tgt Ion:168 Resp: 107684
Ion Ratio Lower Upper
168 100
99 56.9 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.574 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.054 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

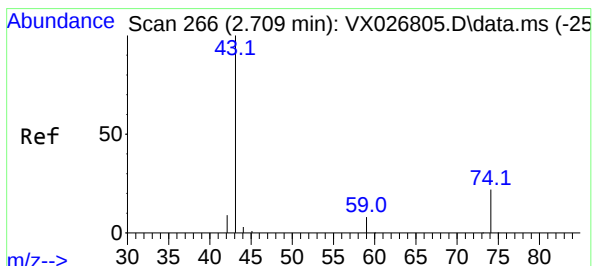
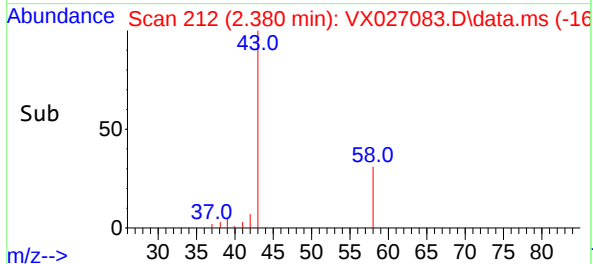
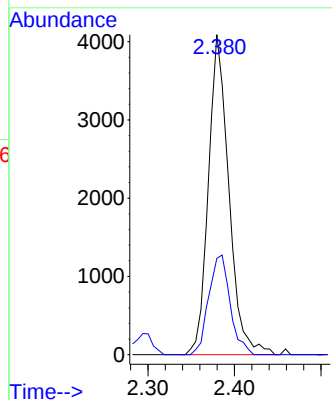
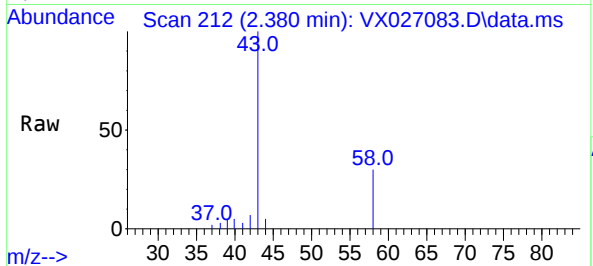




#16
Acetone
Concen: 11.831 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

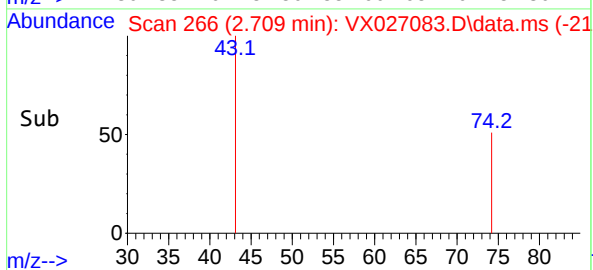
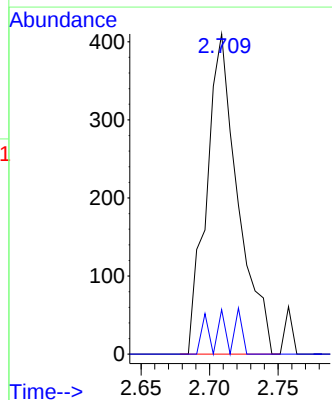
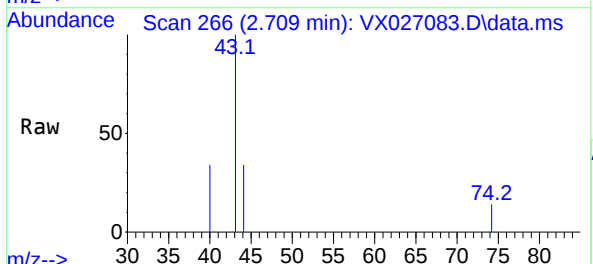
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#02

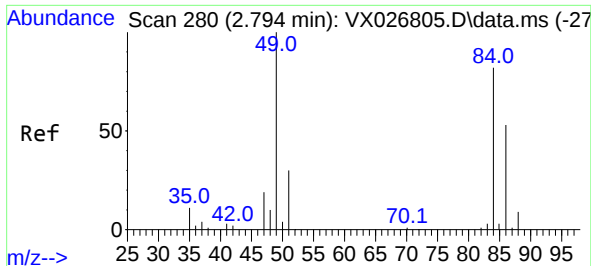
Tgt Ion: 43 Resp: 6717
Ion Ratio Lower Upper
43 100
58 30.1 23.0 34.6



#18
Methyl Acetate
Concen: 0.400 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
74 6.4 18.3 27.5#



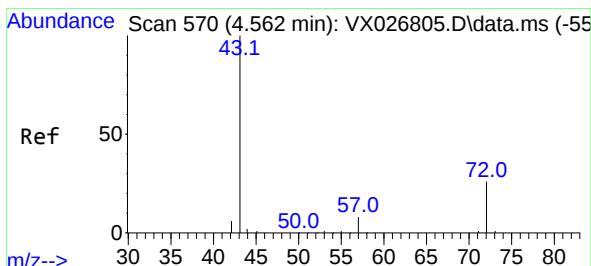
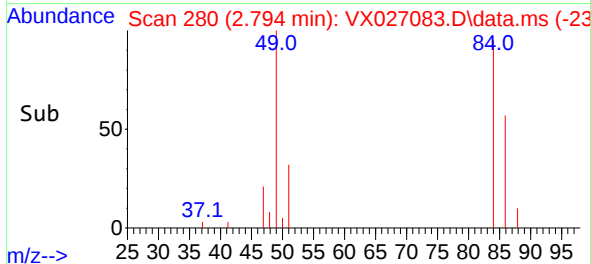
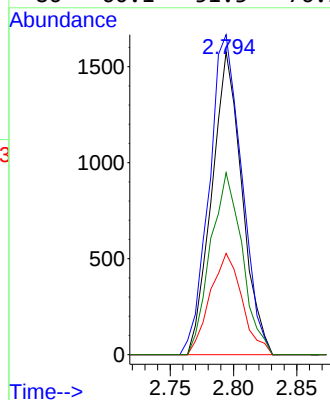
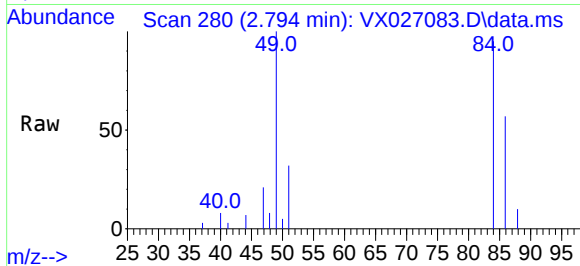


#20
Methylene Chloride
Concen: 2.130 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#02

Tgt Ion: 84 Resp: 2620

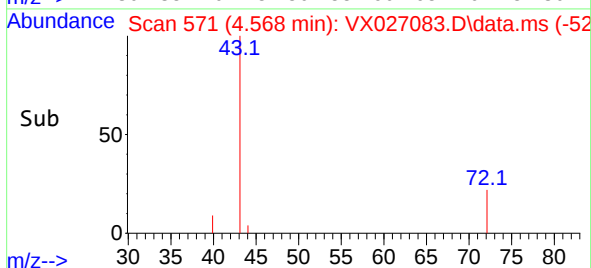
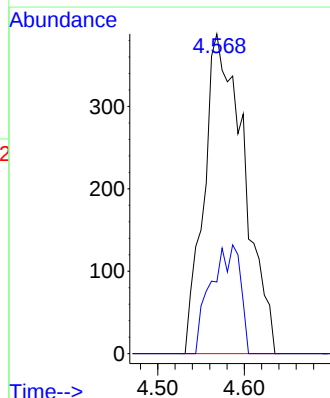
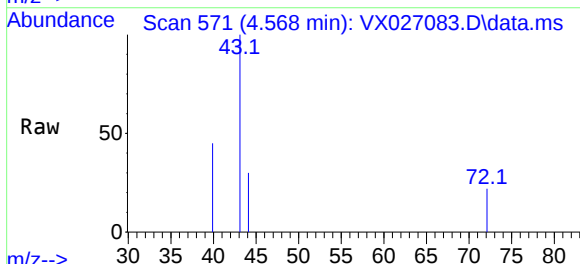
Ion	Ratio	Lower	Upper
84	100		
49	105.6	101.5	152.3
51	33.5	31.2	46.8
86	60.1	51.3	76.9

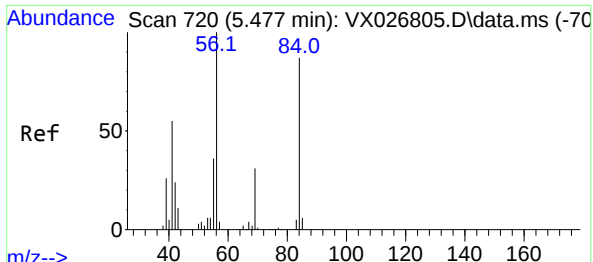


#25
2-Butanone
Concen: 1.358 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Tgt Ion: 43 Resp: 1242

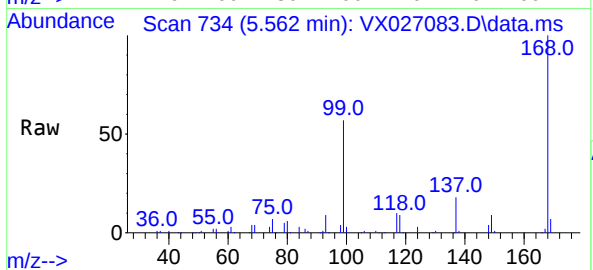
Ion	Ratio	Lower	Upper
43	100		
72	22.4	20.4	30.6



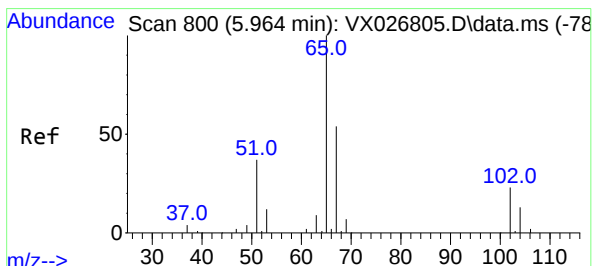
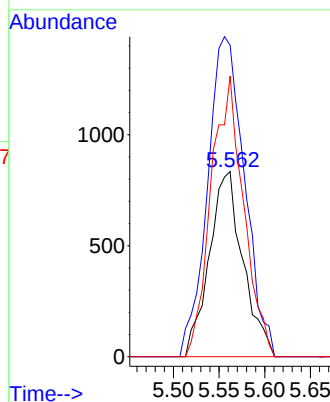
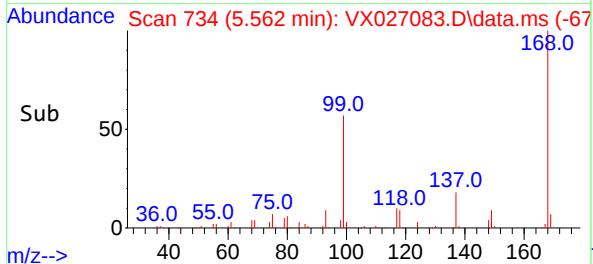


#31
Cyclohexane
Concen: 1.043 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

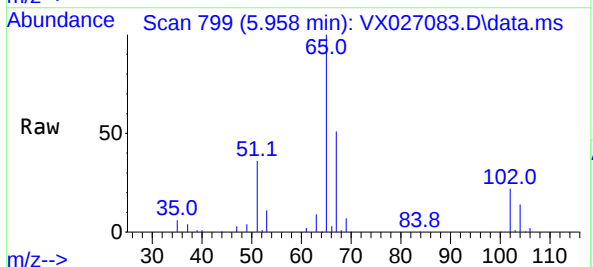
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#02



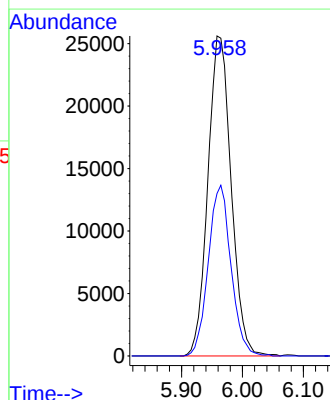
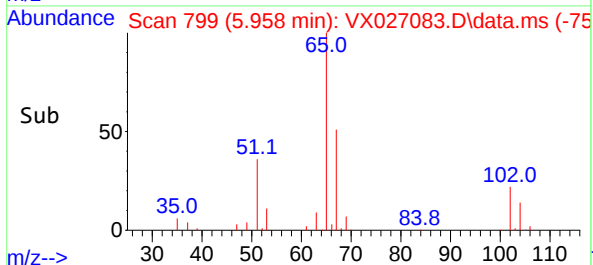
Tgt Ion: 56 Resp: 2143
Ion Ratio Lower Upper
56 100
69 168.3 25.8 38.6#
84 151.6 68.9 103.3#

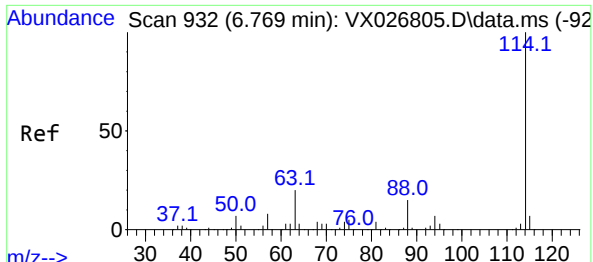


#33
1,2-Dichloroethane-d4
Concen: 52.631 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19



Tgt Ion: 65 Resp: 68033
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8

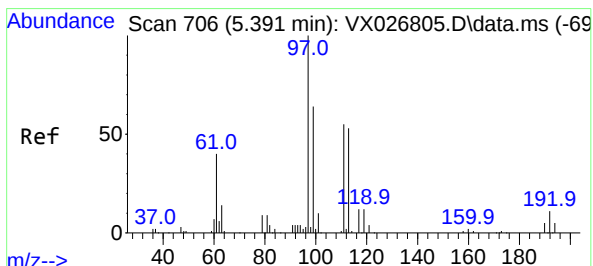
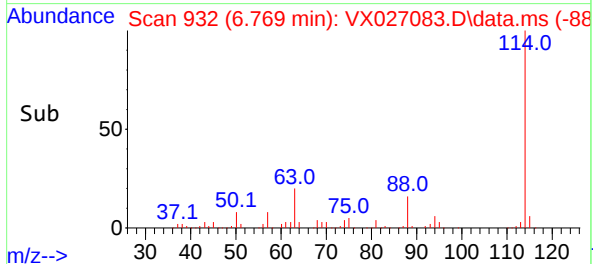
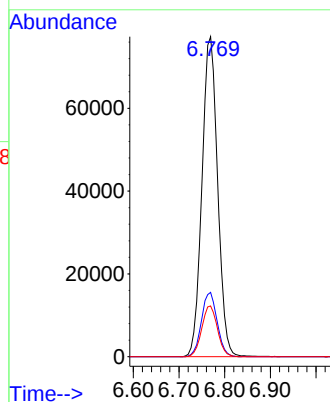
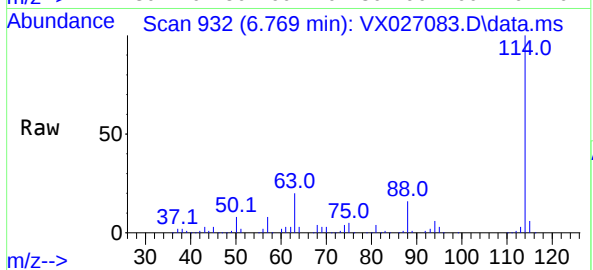




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

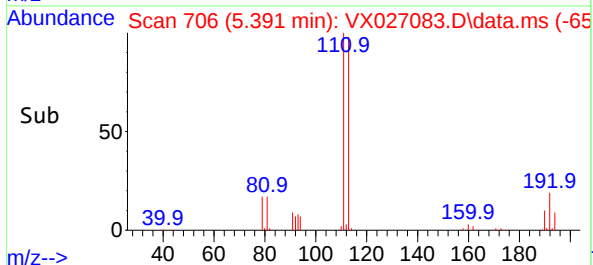
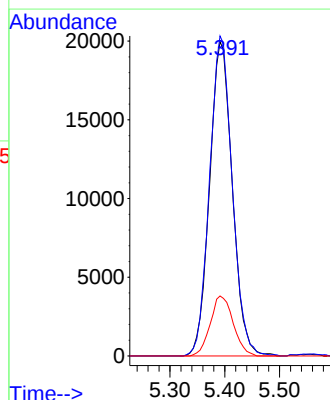
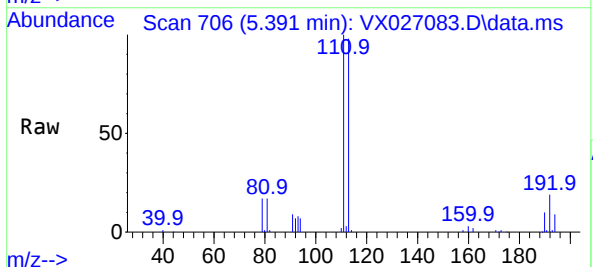
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#02

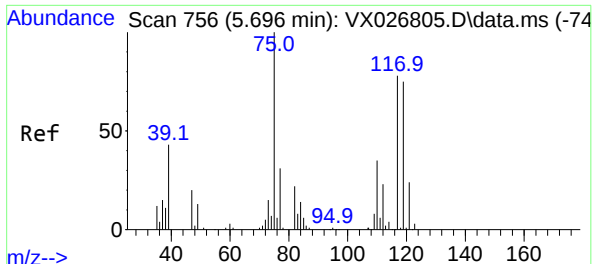
Tgt Ion:114 Resp: 183549
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.8
88 15.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.497 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Tgt Ion:113 Resp: 57408
Ion Ratio Lower Upper
113 100
111 101.6 81.2 121.8
192 19.3 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.670 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX027083.D

Acq: 17 Feb 2022 17:19

Instrument :

MSVOA_X

ClientSampleId :

PB142725ZHE#02

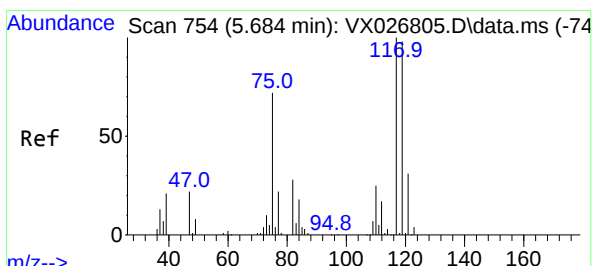
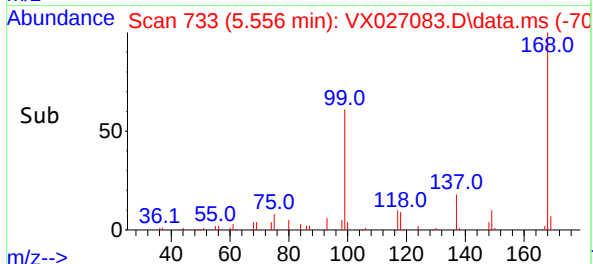
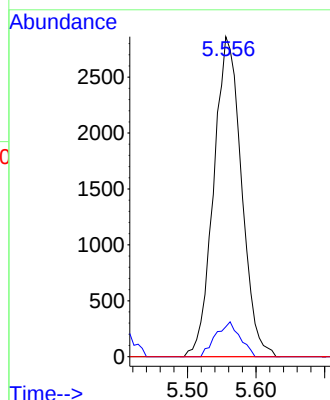
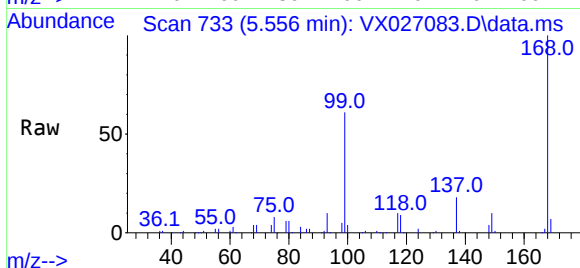
Tgt Ion: 75 Resp: 8056

Ion Ratio Lower Upper

75 100

110 9.5 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.956 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027083.D

Acq: 17 Feb 2022 17:19

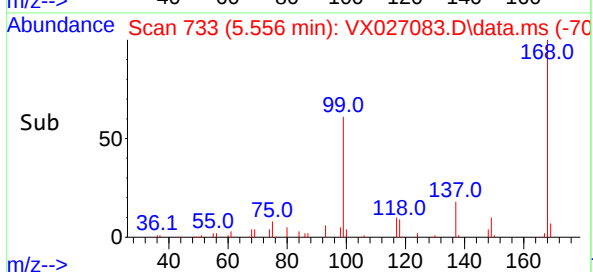
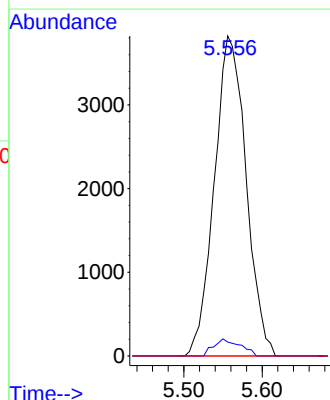
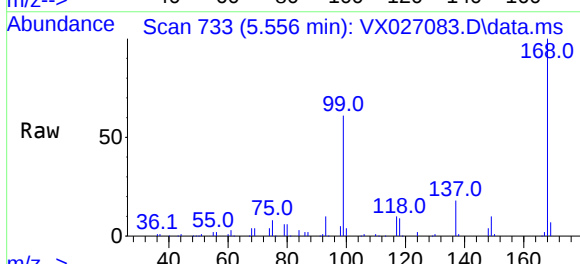
Tgt Ion: 117 Resp: 10775

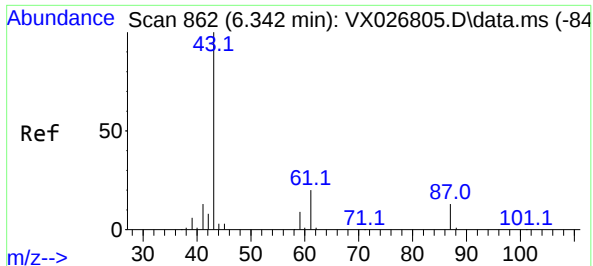
Ion Ratio Lower Upper

117 100

119 4.3 74.7 112.1#

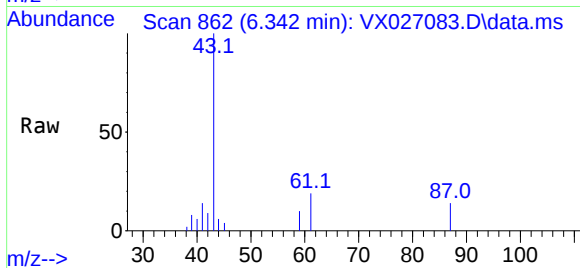
121 0.0 25.4 38.0#



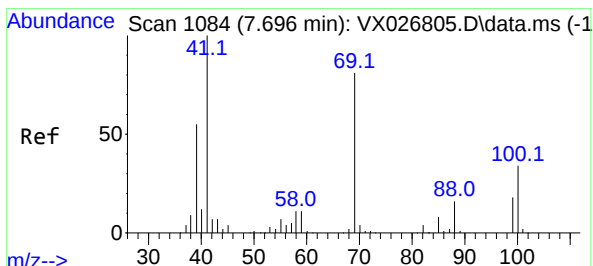
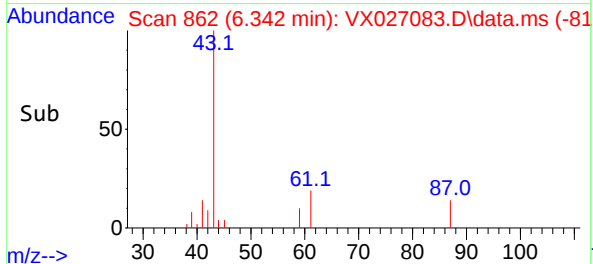
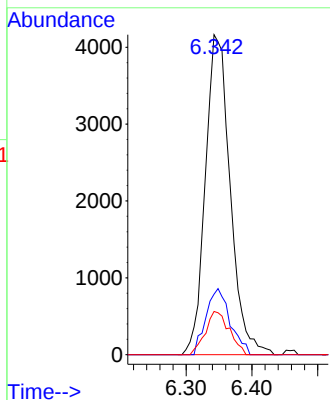


#43
Isopropyl Acetate
Concen: 3.634 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#02

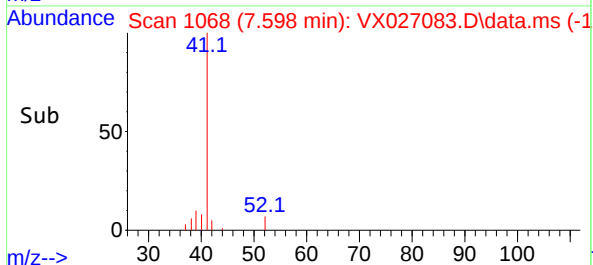
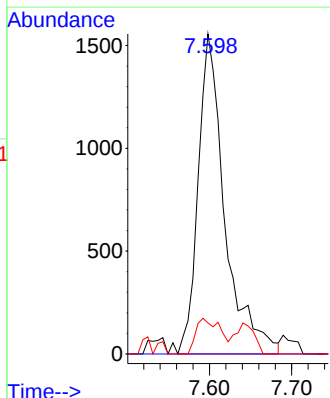
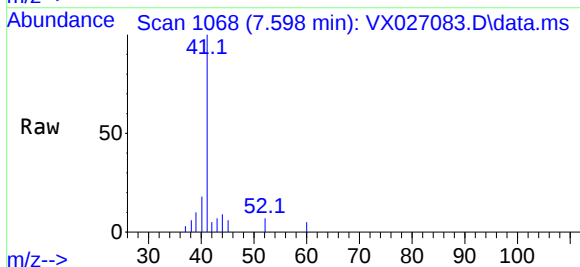


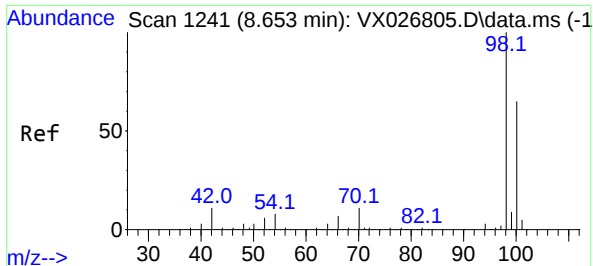
Tgt Ion: 43 Resp: 10962
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 13.0 10.2 15.2



#48
Methyl methacrylate
Concen: 2.336 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.097 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Tgt Ion: 41 Resp: 3492
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

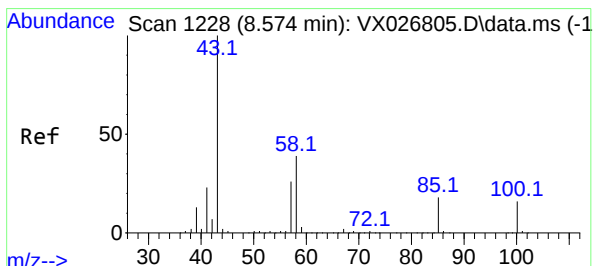
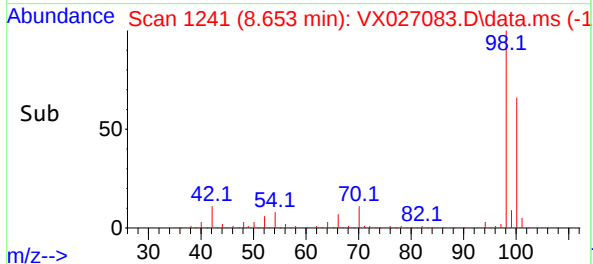
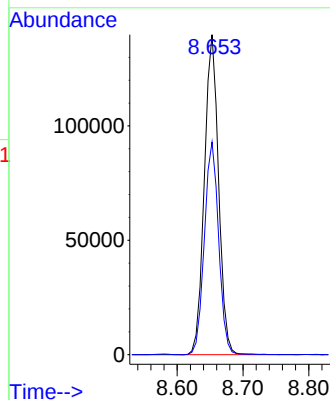
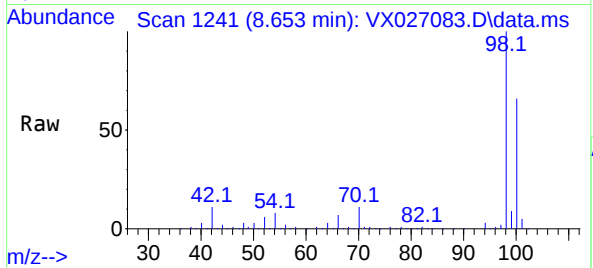




#50
Toluene-d8
Concen: 52.372 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

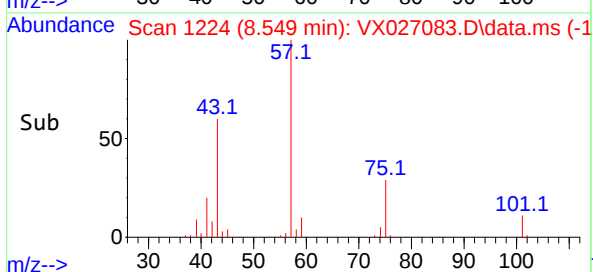
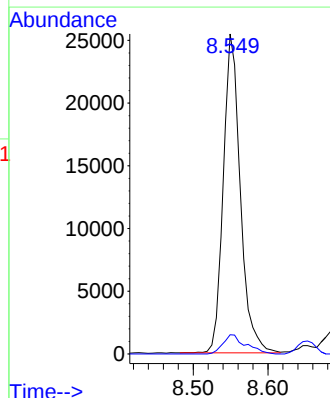
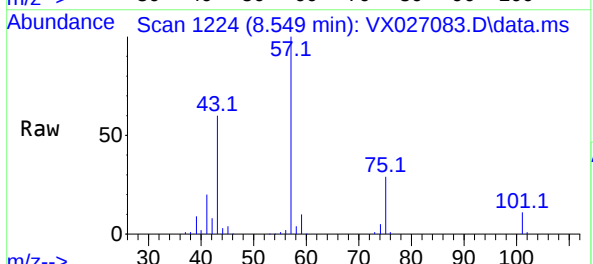
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#02

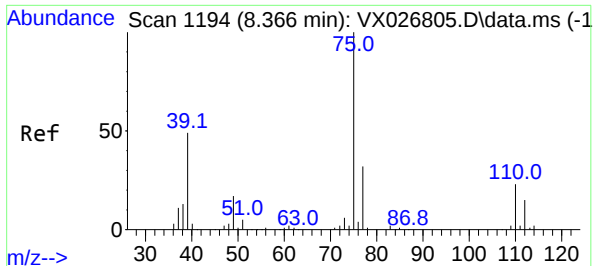
Tgt Ion: 98 Resp: 210226
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 22.072 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Tgt Ion: 43 Resp: 40348
Ion Ratio Lower Upper
43 100
58 8.0 30.5 45.7#





#54

cis-1,3-Dichloropropene

Concen: 10.141 ug/l

RT: 8.549 min Scan# 1194

Delta R.T. 0.183 min

Lab File: VX027083.D

Acq: 17 Feb 2022 17:19

Instrument :

MSVOA_X

ClientSampleId :

PB142725ZHE#02

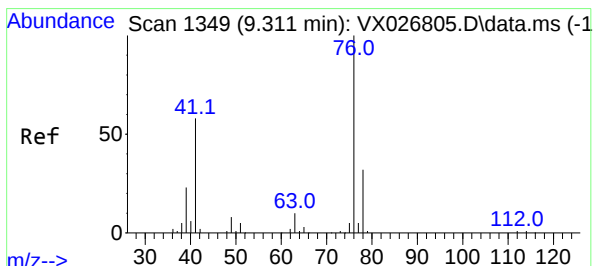
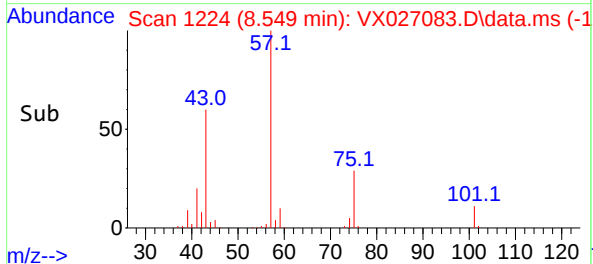
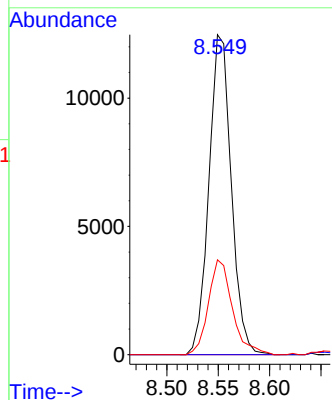
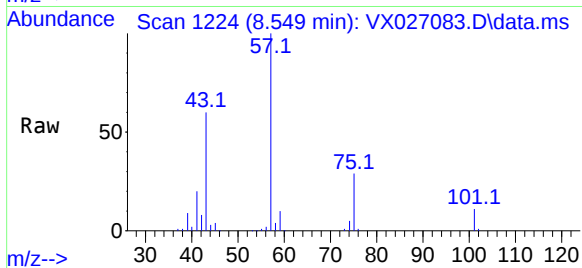
Tgt Ion: 75 Resp: 18877

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

39 29.6 43.5 65.3#



#57

1,3-Dichloropropane

Concen: 5.256 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX027083.D

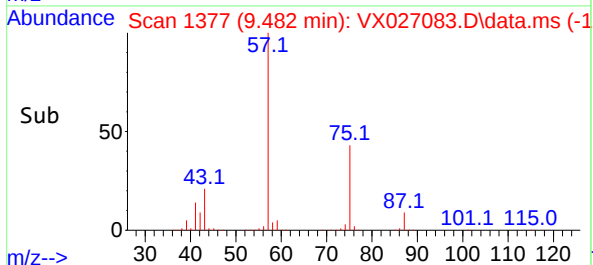
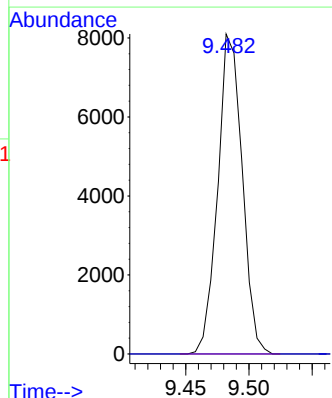
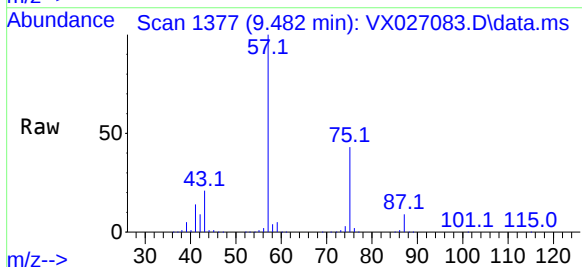
Acq: 17 Feb 2022 17:19

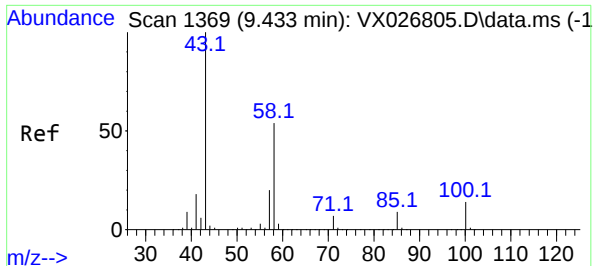
Tgt Ion: 76 Resp: 10877

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

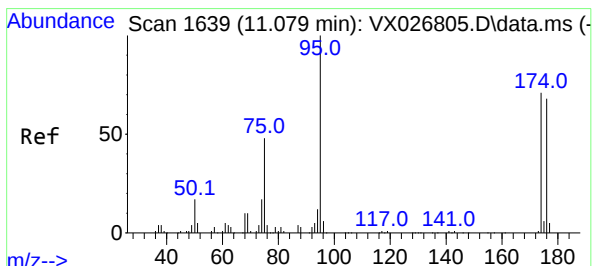
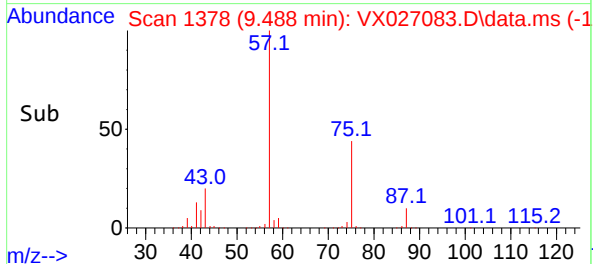
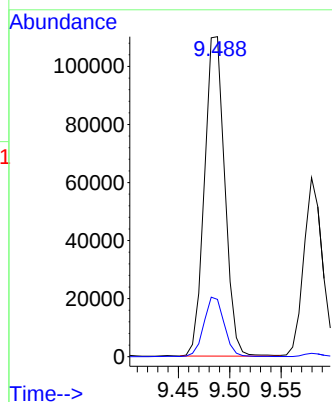
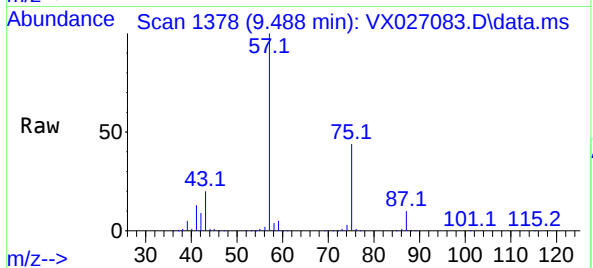




#59
2-Hexanone
Concen: 113.116 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

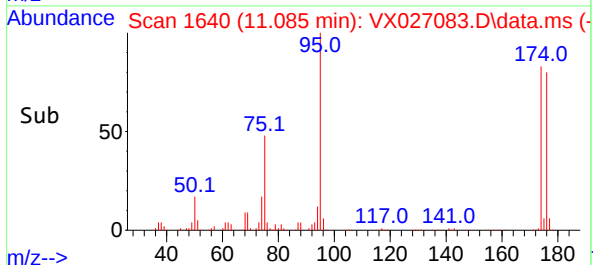
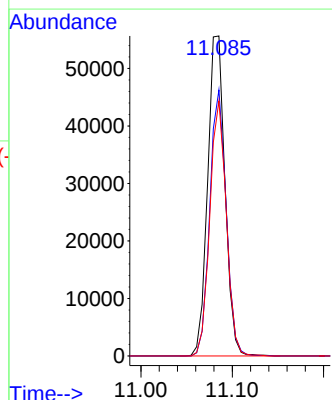
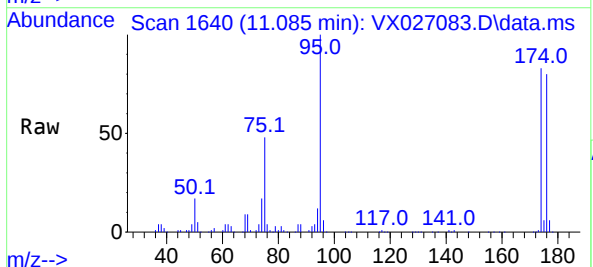
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#02

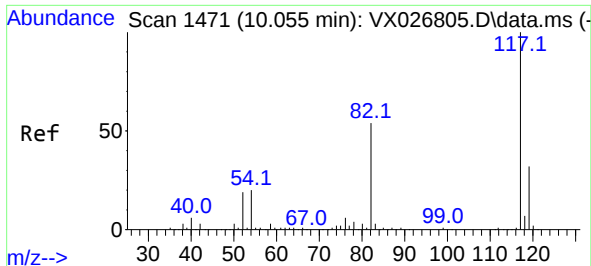
Tgt Ion: 43 Resp: 151243
Ion Ratio Lower Upper
43 100
58 18.8 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 51.747 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Tgt Ion: 95 Resp: 73131
Ion Ratio Lower Upper
95 100
174 78.7 0.0 148.6
176 75.8 0.0 141.4

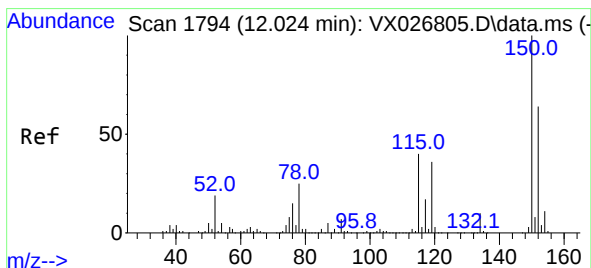
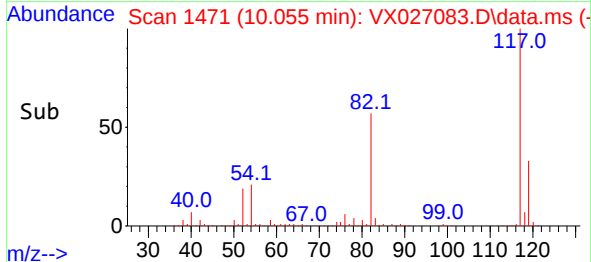
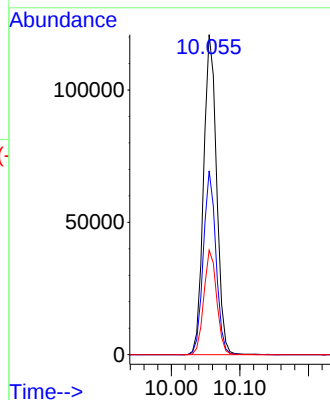
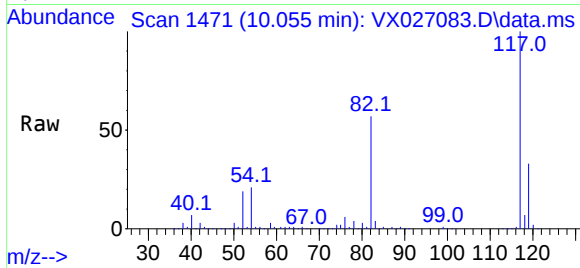




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

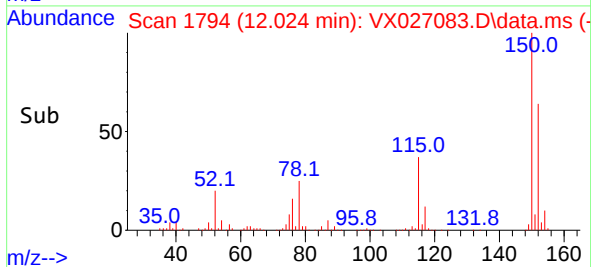
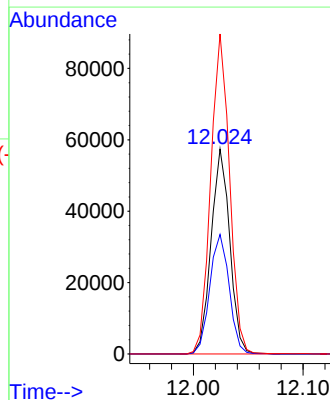
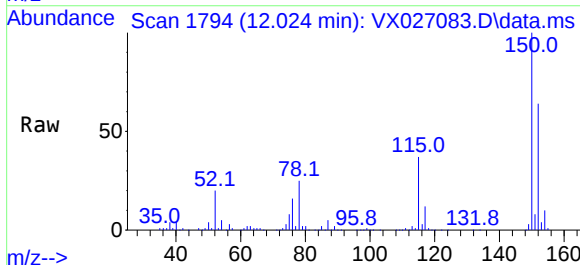
Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#02

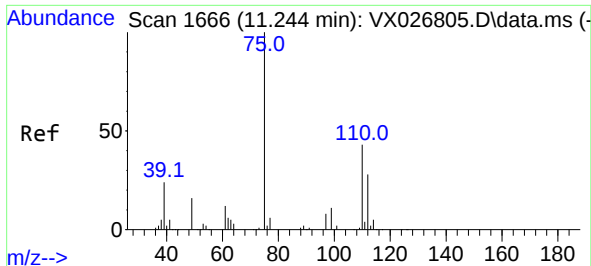
Tgt Ion:117 Resp: 160144
Ion Ratio Lower Upper
117 100
82 57.4 45.2 67.8
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Tgt Ion:152 Resp: 67963
Ion Ratio Lower Upper
152 100
115 60.5 44.2 132.6
150 157.2 0.0 348.2

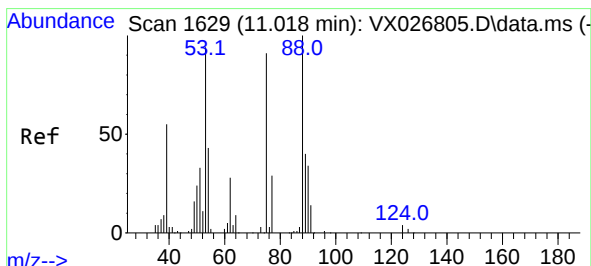
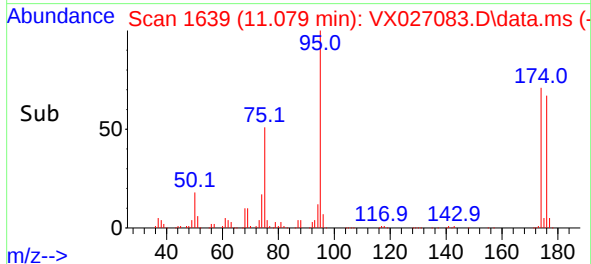
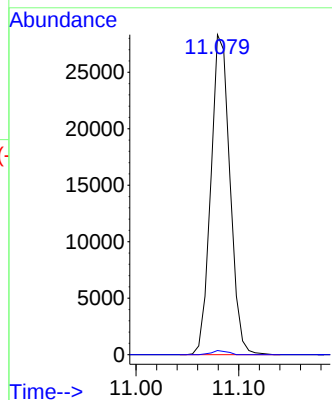
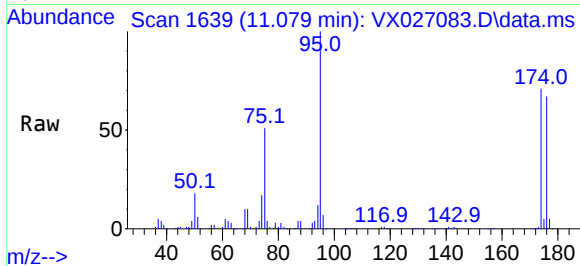




#76
1,2,3-Trichloropropane
Concen: 24.596 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Instrument :
MSVOA_X
ClientSampleId :
PB142725ZHE#02

Tgt Ion: 75 Resp: 36592
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.077 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027083.D
Acq: 17 Feb 2022 17:19

Tgt Ion: 75 Resp: 36592
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

