

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026683.D
 Acq On : 31 Jan 2022 16:17
 Operator : JC/MD
 Sample : PB142369ZHE#06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#06

Quant Time: Feb 01 06:28:21 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)

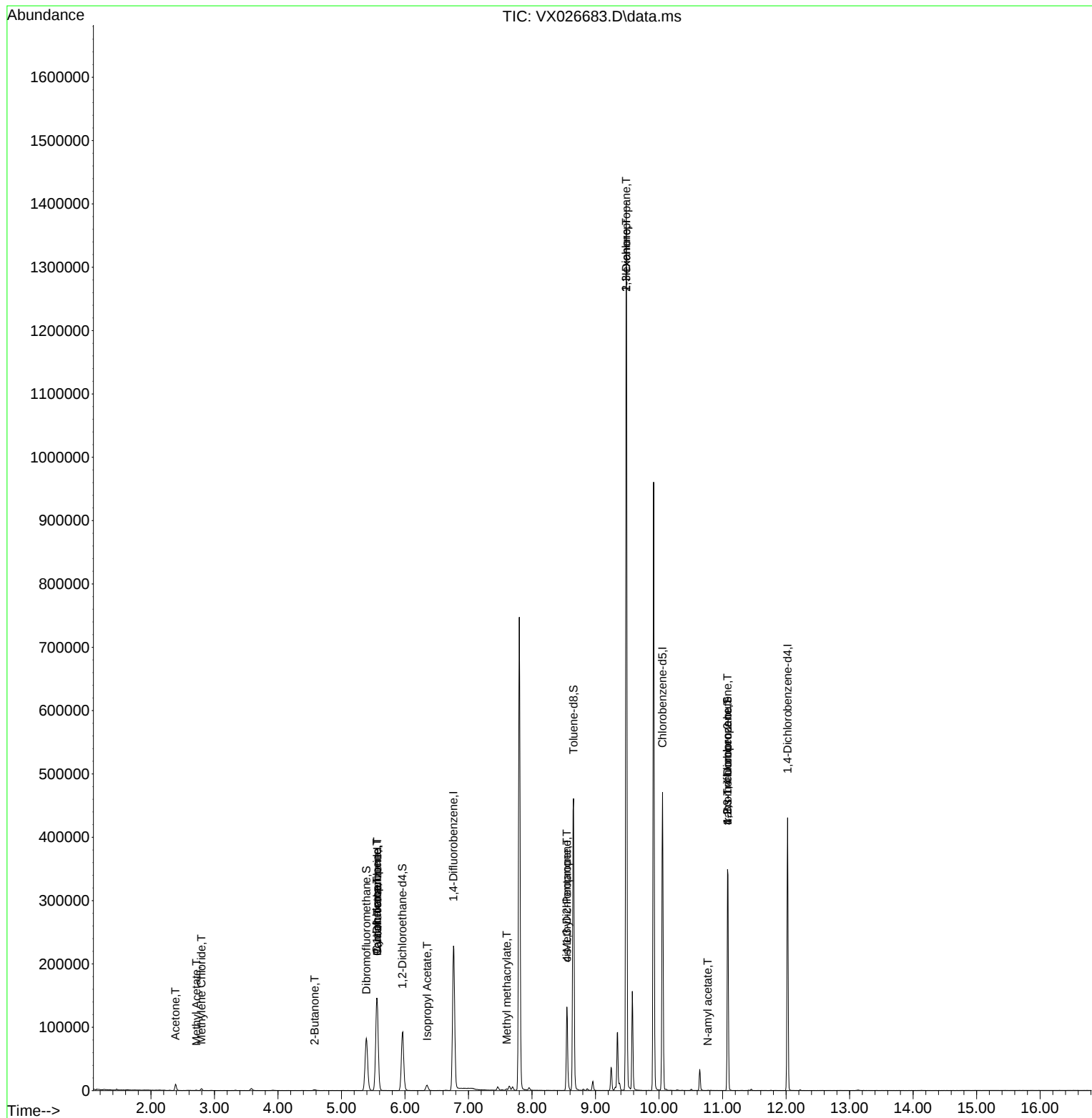
Internal Standards						
1) Pentafluorobenzene	5.562	168	138467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233589	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88775	45.896	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.800%		
35) Dibromofluoromethane	5.391	113	72421	48.010	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.020%		
50) Toluene-d8	8.653	98	275109	50.611	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.220%		
62) 4-Bromofluorobenzene	11.079	95	96458	49.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.900%		
Target Compounds					Qvalue	
16) Acetone	2.385	43	11370	11.527	ug/l	97
18) Methyl Acetate	2.715	43	872	0.445	ug/l #	83
20) Methylene Chloride	2.794	84	1349	0.828	ug/l	94
25) 2-Butanone	4.574	43	2536	1.977	ug/l #	83
31) Cyclohexane	5.556	56	2689	0.943	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10773	4.524	ug/l #	51
38) Carbon Tetrachloride	5.562	117	14343	5.856	ug/l #	17
43) Isopropyl Acetate	6.348	43	11951	3.071	ug/l	100
48) Methyl methacrylate	7.604	41	3430	1.779	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	45078	19.531	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	20738	8.251	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	12432	4.553	ug/l #	43
59) 2-Hexanone	9.482	43	169983	96.228	ug/l #	51
74) N-amyl acetate	10.768	43	608	0.222	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	47924	25.102	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	47924	76.279	ug/l #	3

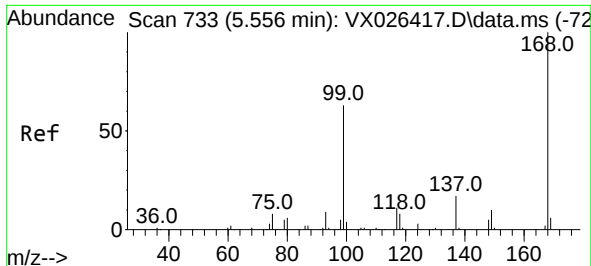
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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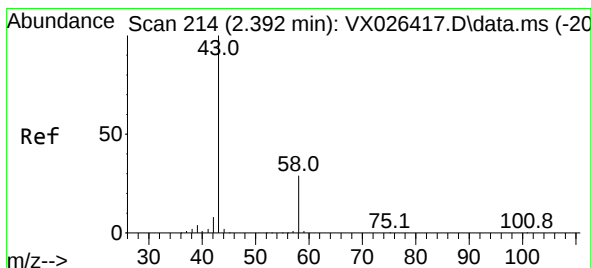
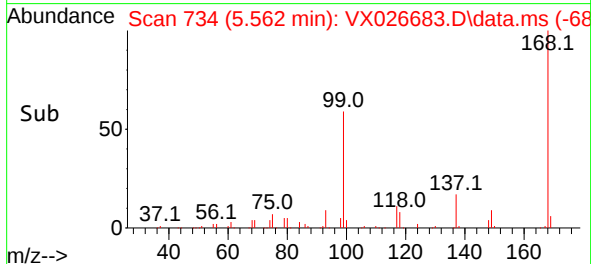
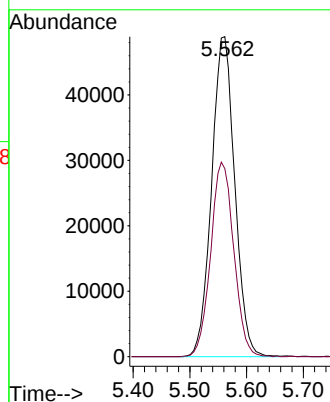
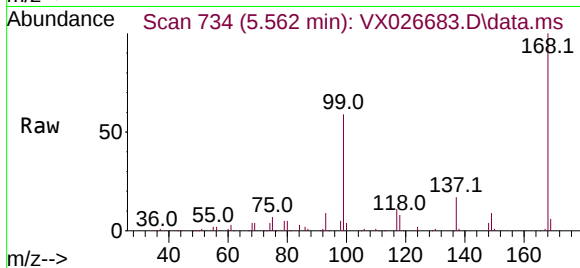




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

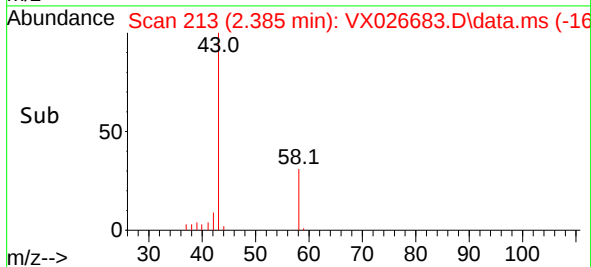
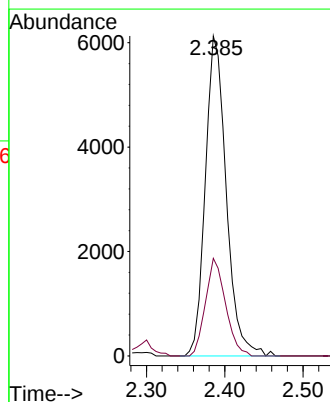
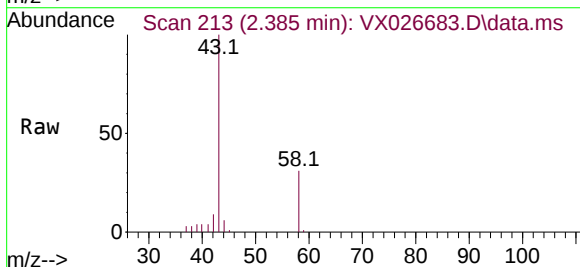
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#06

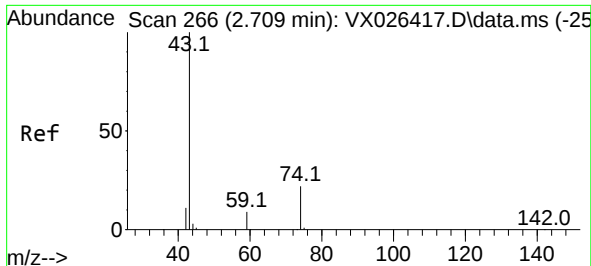
Tgt Ion:168 Resp: 138467
Ion Ratio Lower Upper
168 100
99 58.8 50.3 75.5



#16
Acetone
Concen: 11.527 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

Tgt Ion: 43 Resp: 11370
Ion Ratio Lower Upper
43 100
58 30.5 23.0 34.6

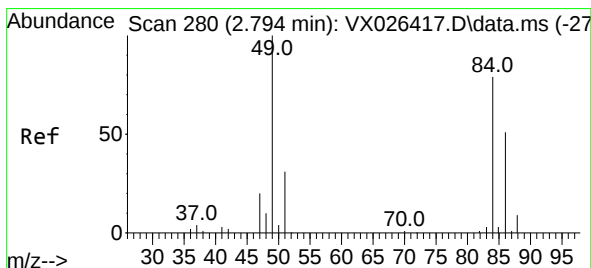
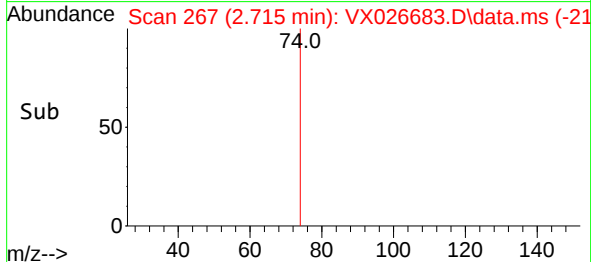
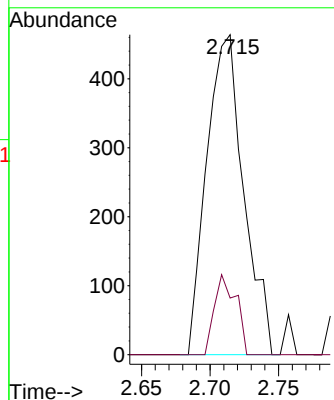
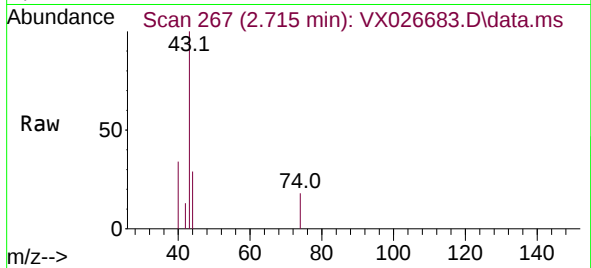




#18
Methyl Acetate
Concen: 0.445 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

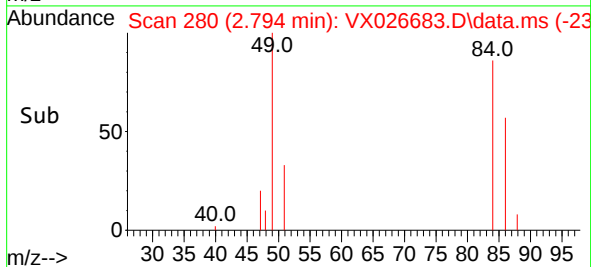
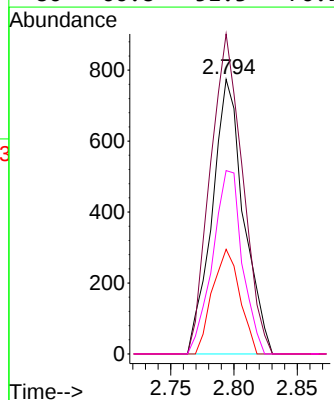
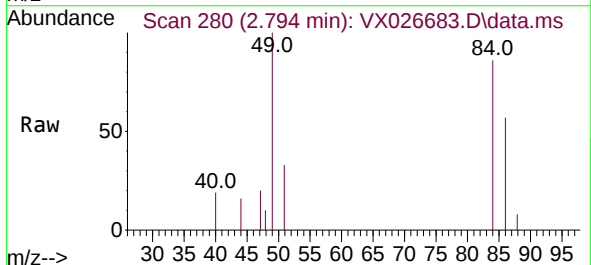
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#06

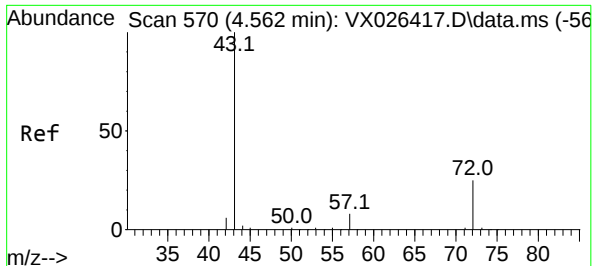
Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
74 14.6 18.3 27.5#



#20
Methylene Chloride
Concen: 0.828 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

Tgt Ion: 84 Resp: 1349
Ion Ratio Lower Upper
84 100
49 116.5 101.5 152.3
51 38.1 31.2 46.8
86 66.8 51.3 76.9

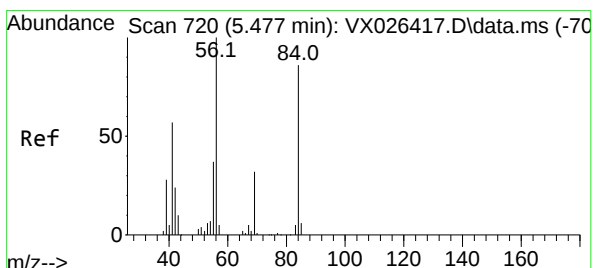
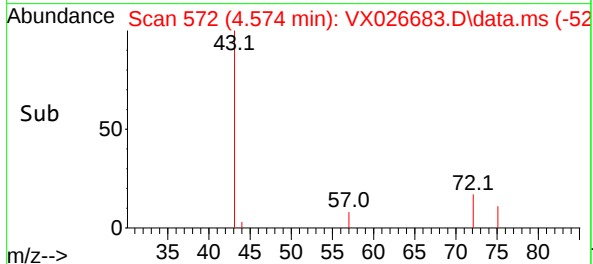
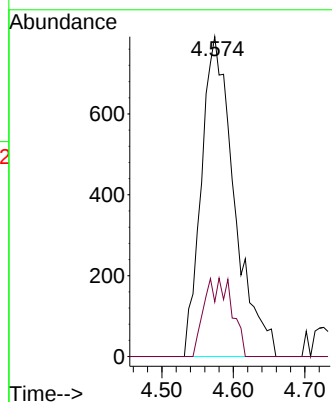
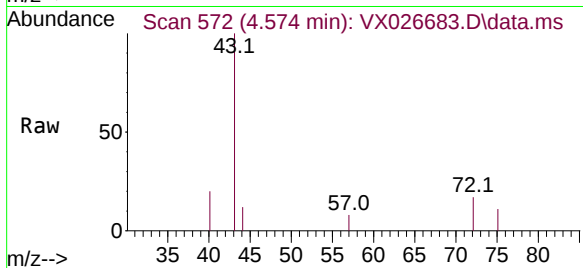




#25
2-Butanone
Concen: 1.977 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

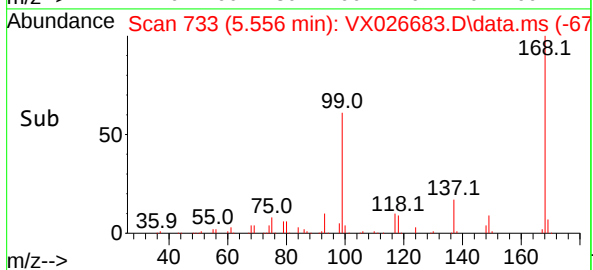
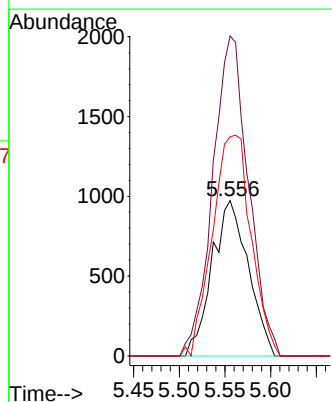
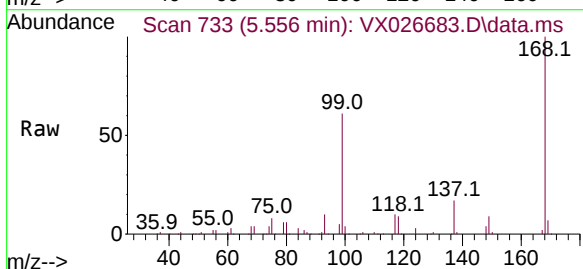
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#06

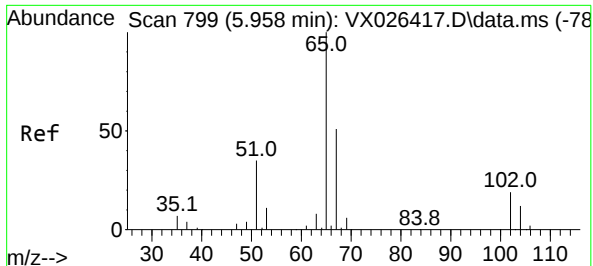
Tgt Ion: 43 Resp: 2536
Ion Ratio Lower Upper
43 100
72 17.1 20.4 30.6#



#31
Cyclohexane
Concen: 0.943 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

Tgt Ion: 56 Resp: 2689
Ion Ratio Lower Upper
56 100
69 205.9 25.8 38.6#
84 141.1 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 45.896 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX026683.D

Acq: 31 Jan 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

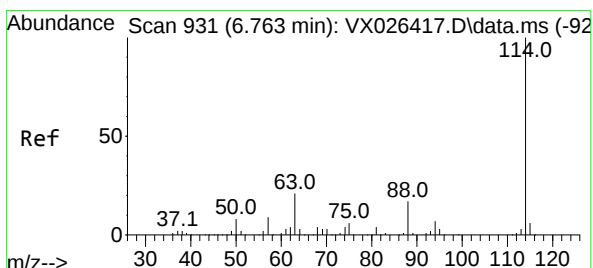
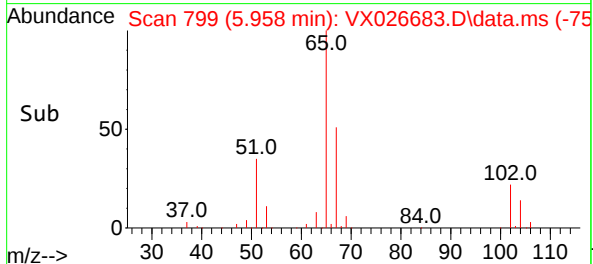
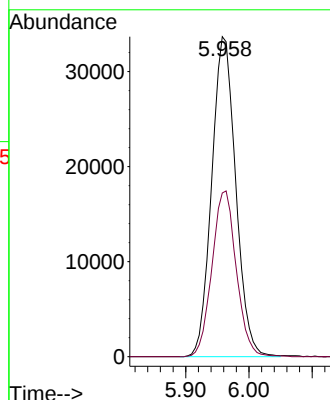
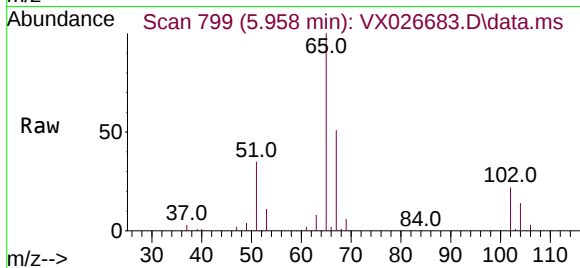
PB142369ZHE#06

Tgt Ion: 65 Resp: 88775

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX026683.D

Acq: 31 Jan 2022 16:17

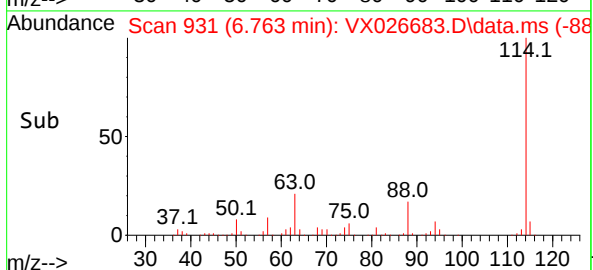
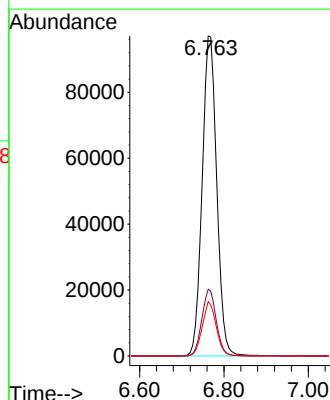
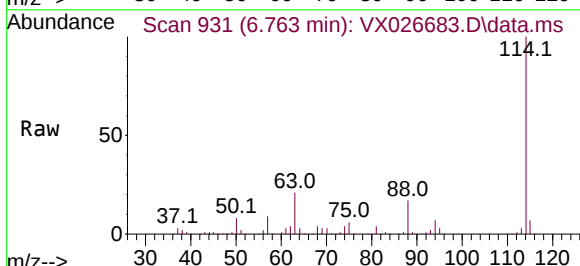
Tgt Ion: 114 Resp: 233589

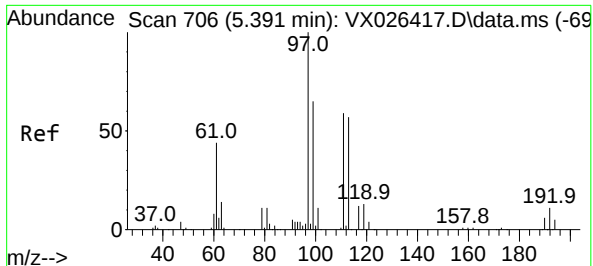
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 17.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.010 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026683.D

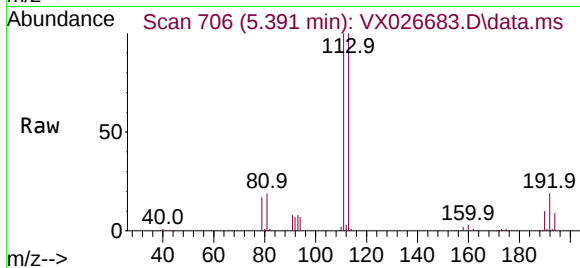
Acq: 31 Jan 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#06



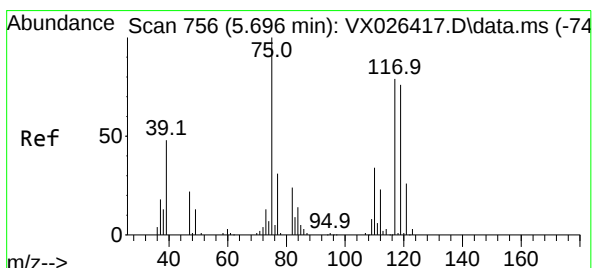
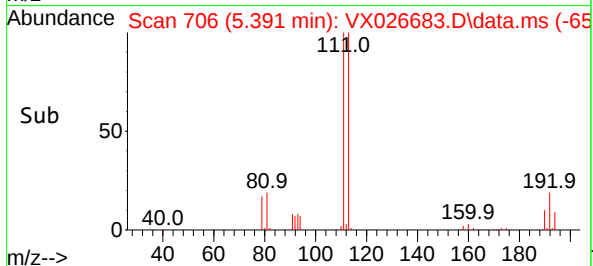
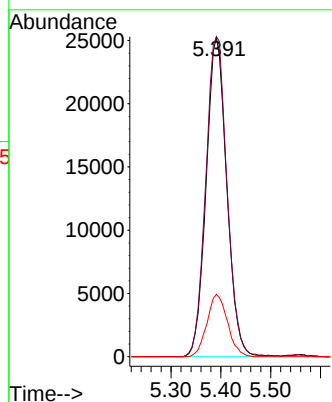
Tgt Ion:113 Resp: 72421

Ion Ratio Lower Upper

113 100

111 103.4 81.2 121.8

192 19.5 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.524 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.141 min

Lab File: VX026683.D

Acq: 31 Jan 2022 16:17

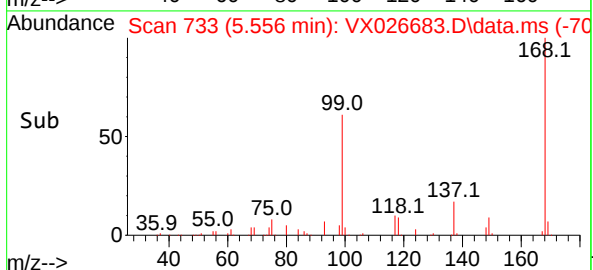
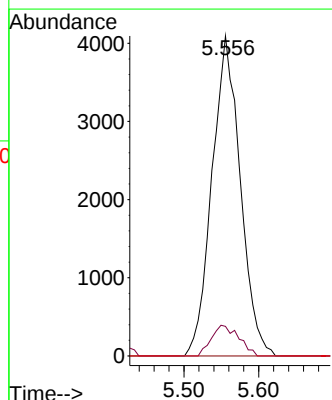
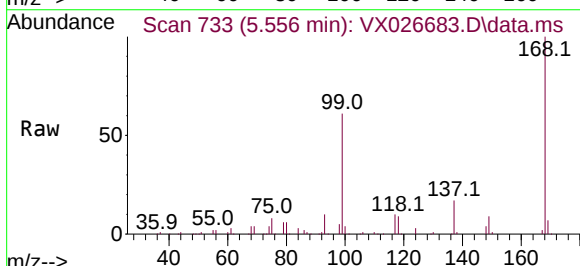
Tgt Ion: 75 Resp: 10773

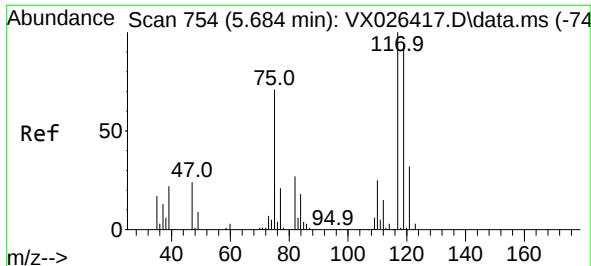
Ion Ratio Lower Upper

75 100

110 9.3 17.2 51.6#

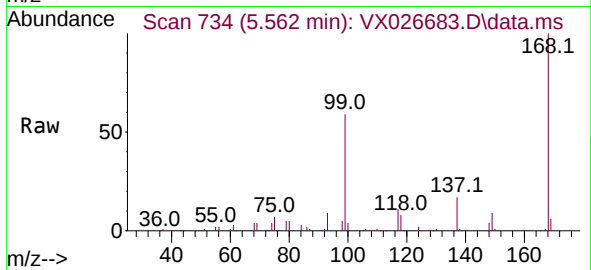
77 0.0 24.6 36.8#



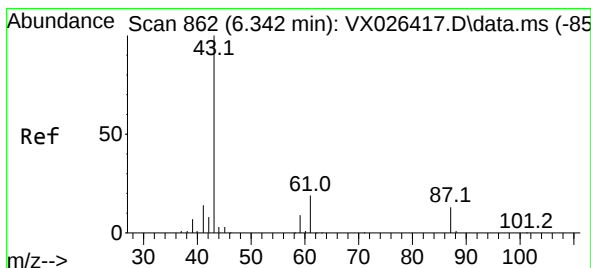
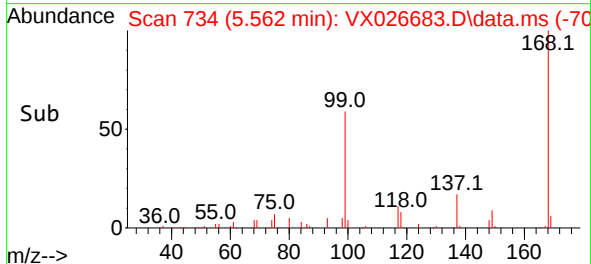
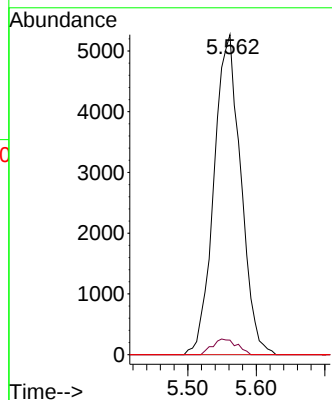


#38
Carbon Tetrachloride
Concen: 5.856 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#06

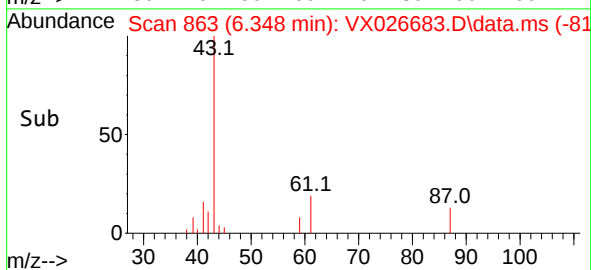
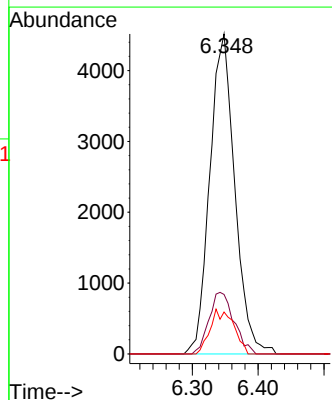
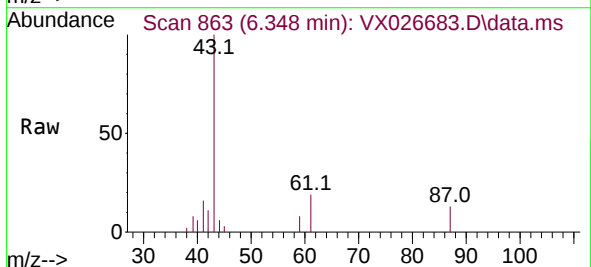


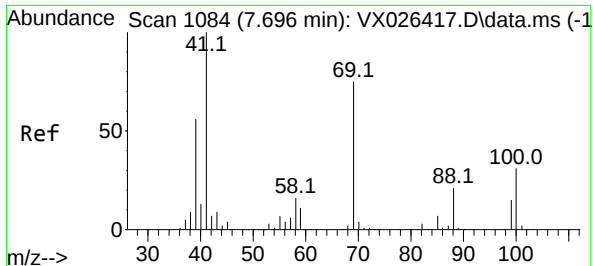
Tgt Ion:117 Resp: 14343
Ion Ratio Lower Upper
117 100
119 4.6 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.071 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

Tgt Ion: 43 Resp: 11951
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.0
87 13.1 10.2 15.2





#48

Methyl methacrylate

Concen: 1.779 ug/l

RT: 7.604 min Scan# 1069

Delta R.T. -0.092 min

Lab File: VX026683.D

Acq: 31 Jan 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#06

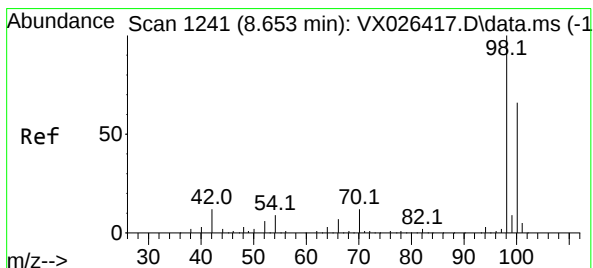
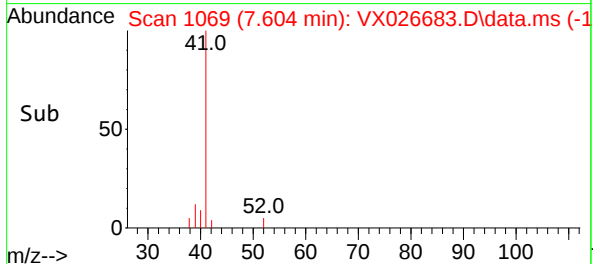
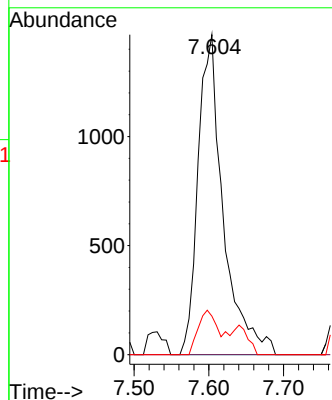
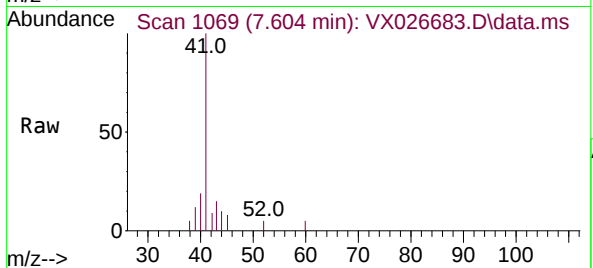
Tgt Ion: 41 Resp: 3430

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#50

Toluene-d8

Concen: 50.611 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026683.D

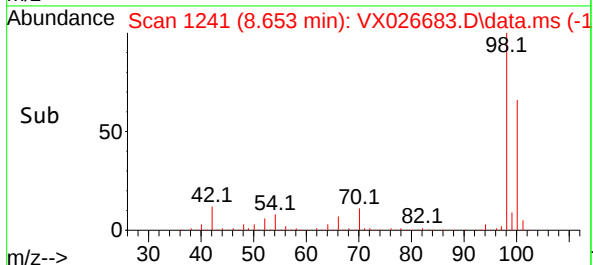
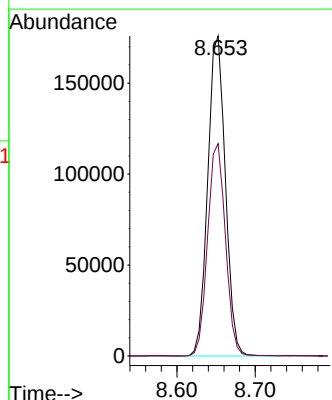
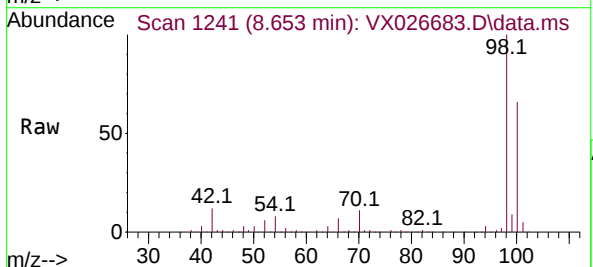
Acq: 31 Jan 2022 16:17

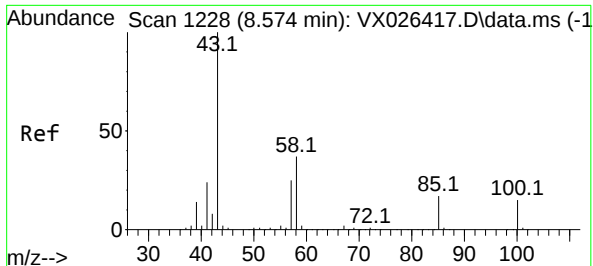
Tgt Ion: 98 Resp: 275109

Ion Ratio Lower Upper

98 100

100 67.0 53.2 79.8

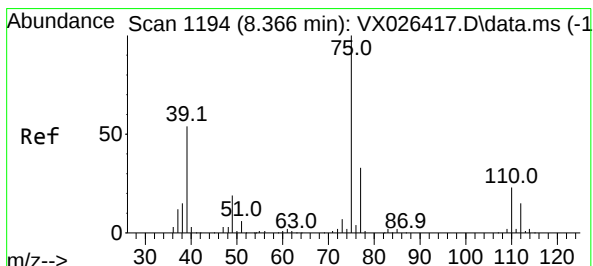
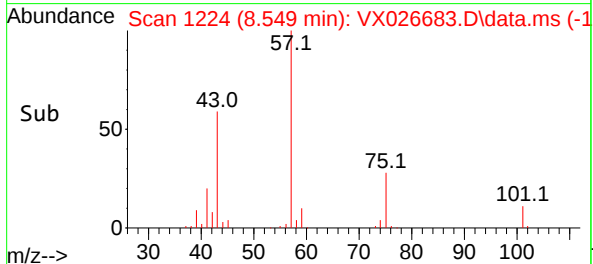
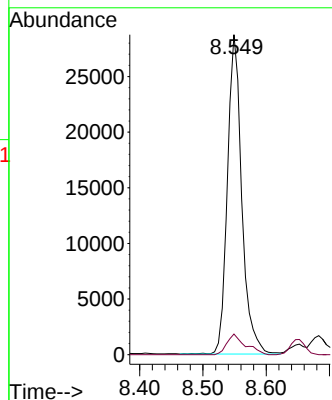
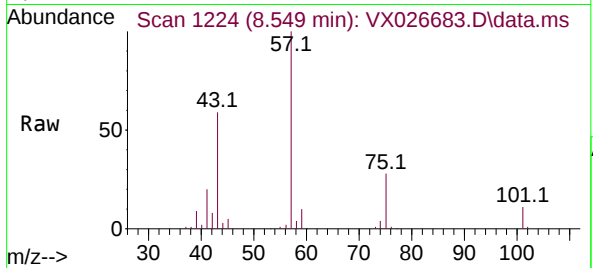




#51
4-Methyl-2-Pentanone
Concen: 19.531 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

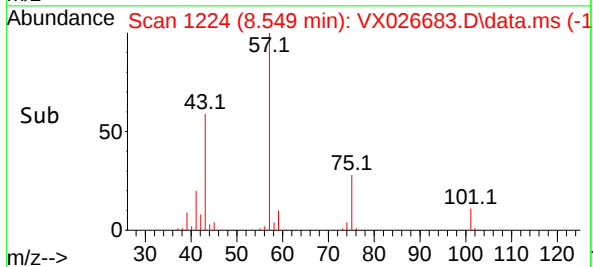
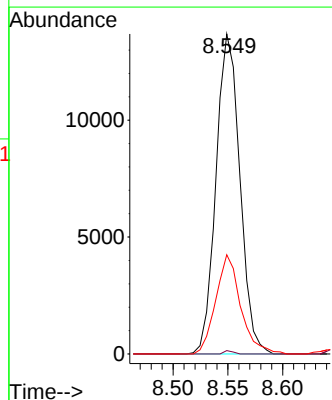
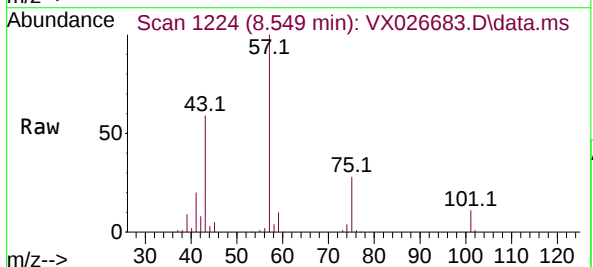
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#06

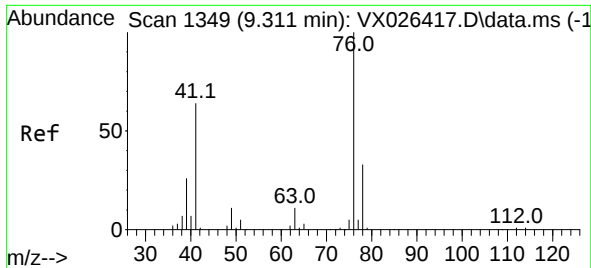
Tgt Ion: 43 Resp: 45078
Ion Ratio Lower Upper
43 100
58 8.3 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.251 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

Tgt Ion: 75 Resp: 20738
Ion Ratio Lower Upper
75 100
77 1.1 26.2 39.2#
39 31.0 43.5 65.3#

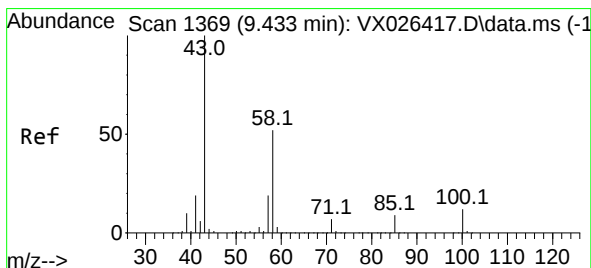
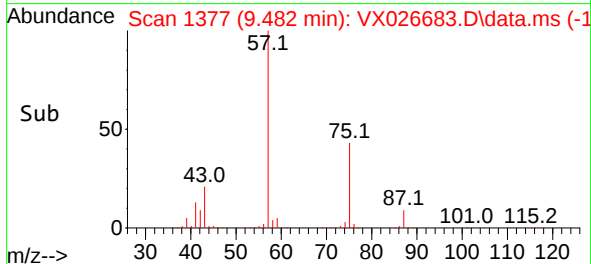
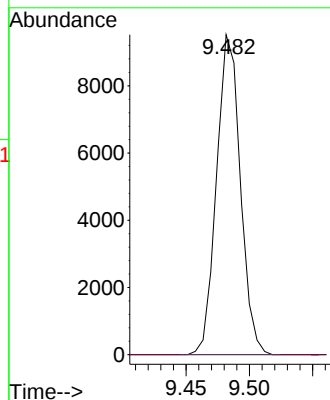
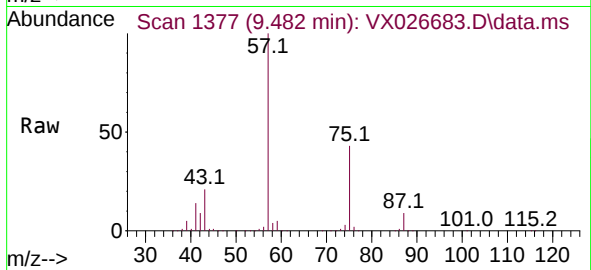




#57
1,3-Dichloropropane
Concen: 4.553 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.170 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

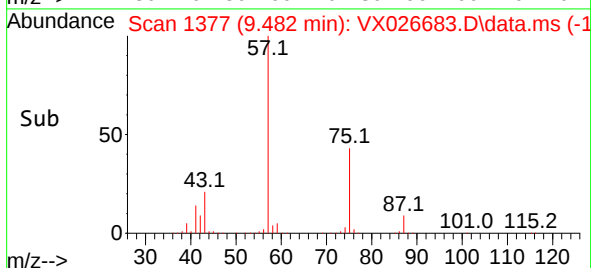
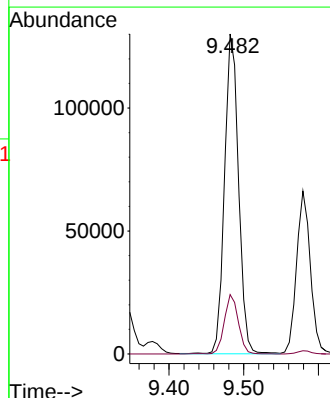
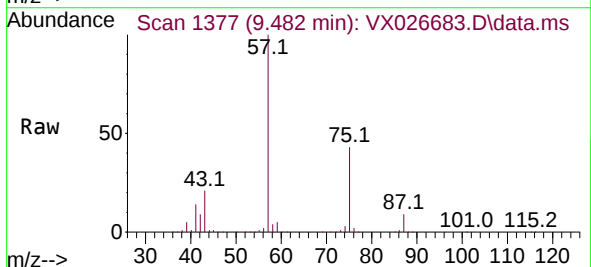
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#06

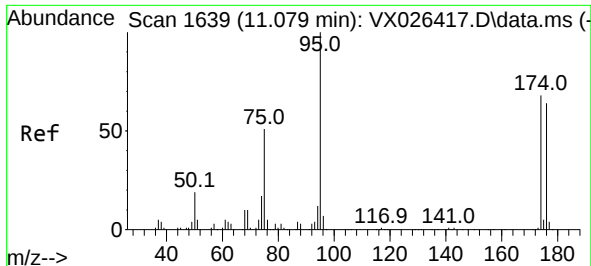
Tgt Ion: 76 Resp: 12432
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#



#59
2-Hexanone
Concen: 96.228 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.048 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

Tgt Ion: 43 Resp: 169983
Ion Ratio Lower Upper
43 100
58 18.5 26.4 79.2#

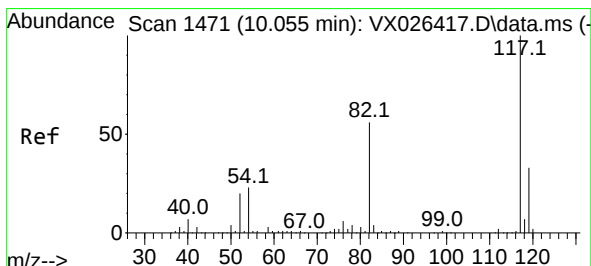
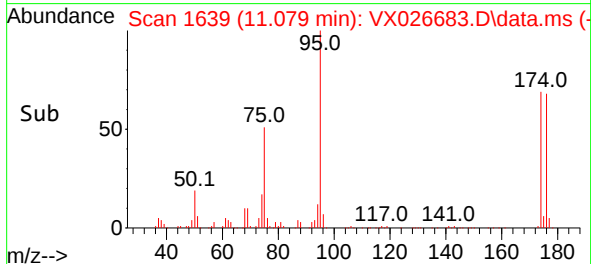
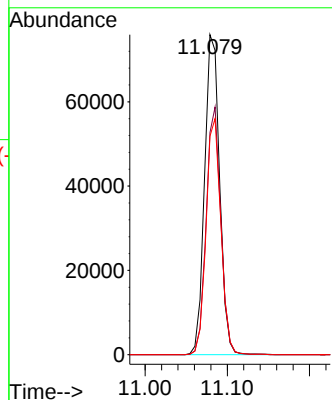
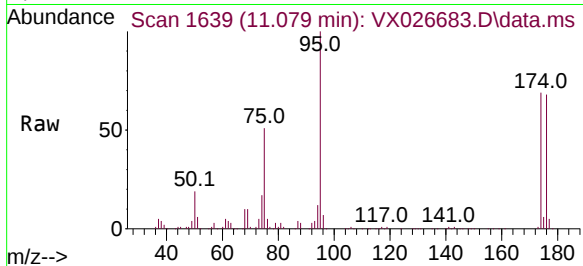




#62
4-Bromofluorobenzene
Concen: 49.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

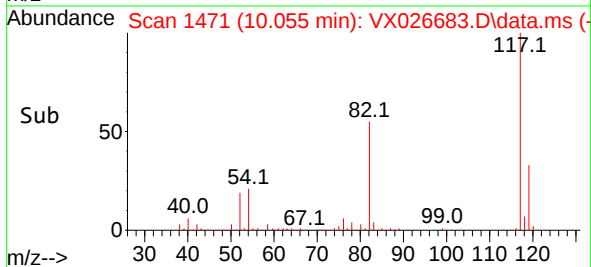
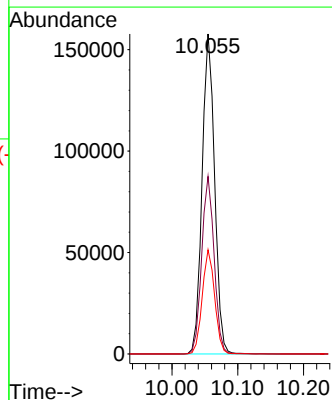
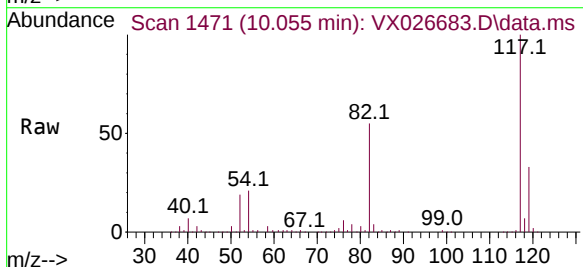
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#06

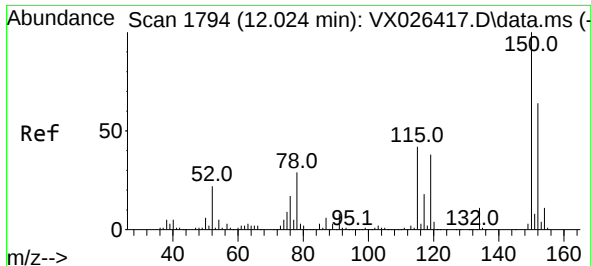
Tgt Ion: 95 Resp: 96458
Ion Ratio Lower Upper
95 100
174 75.0 0.0 148.6
176 72.6 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

Tgt Ion: 117 Resp: 208773
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 32.6 26.2 39.2

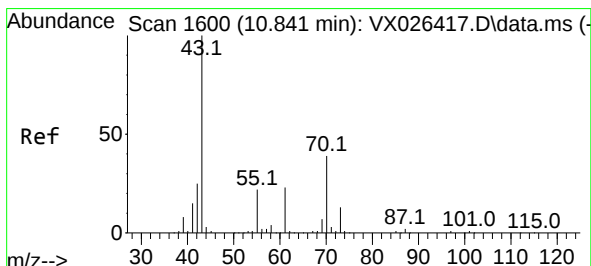
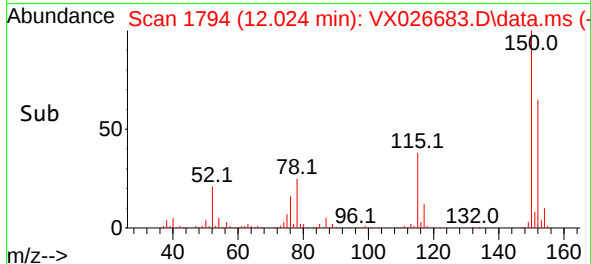
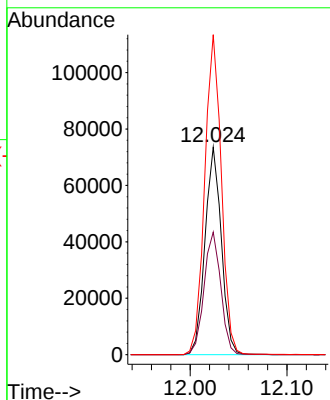
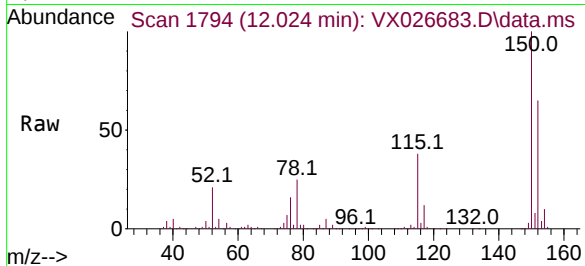




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

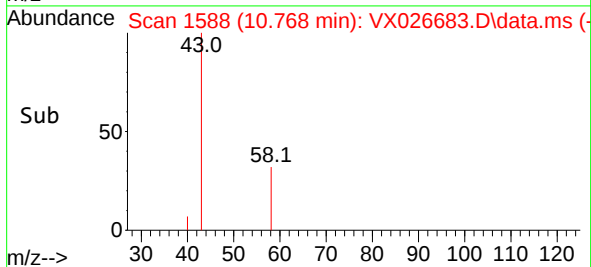
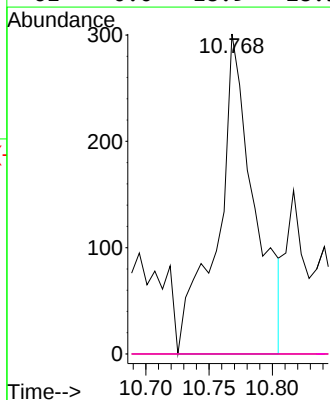
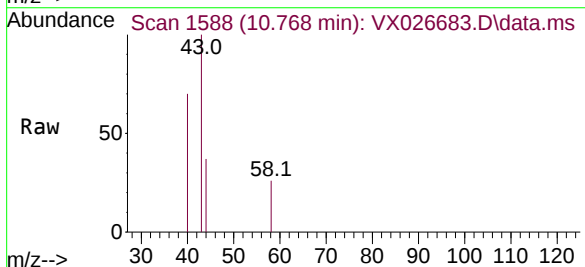
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#06

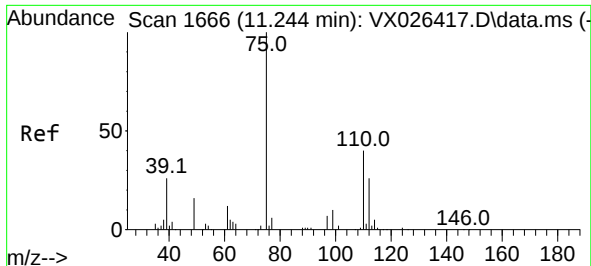
Tgt Ion:152 Resp: 86711
Ion Ratio Lower Upper
152 100
115 60.5 44.2 132.6
150 156.8 0.0 348.2



#74
N-ethyl acetate
Concen: 0.222 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.073 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 18.3 27.5#
61 0.0 18.9 28.3#

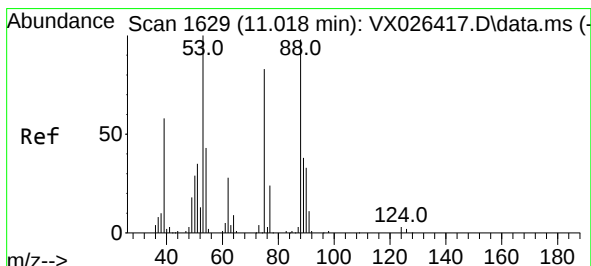
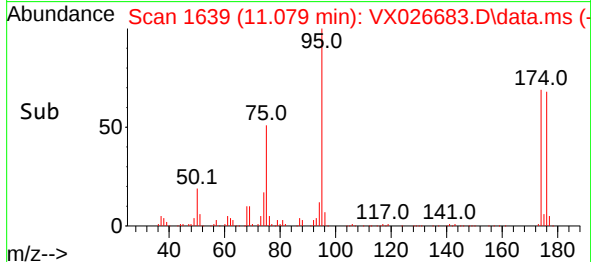
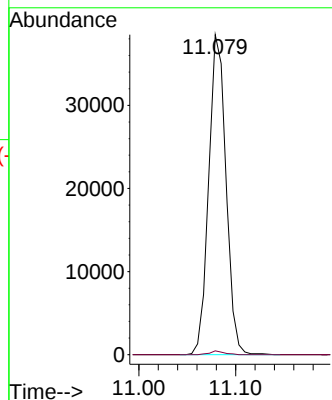
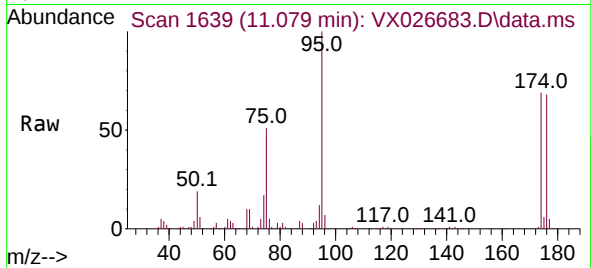




#76
1,2,3-Trichloropropane
Concen: 25.102 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#06

Tgt Ion: 75 Resp: 47924
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026683.D
Acq: 31 Jan 2022 16:17

Tgt Ion: 75 Resp: 47924
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

