

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031843.D
 Acq On : 03 Oct 2022 19:02
 Operator : JC/MD
 Sample : N4860-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 07:09:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

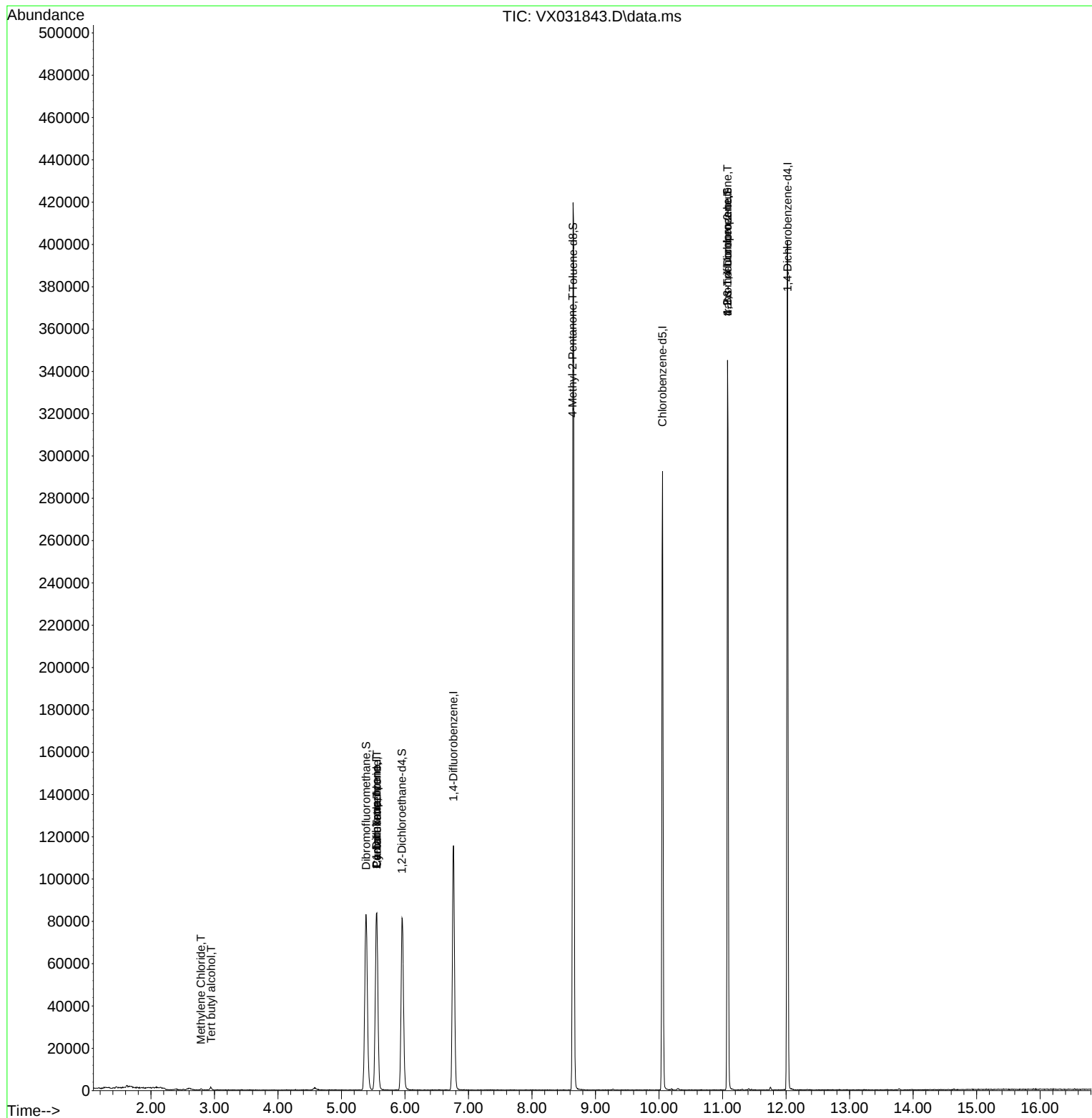
Internal Standards						
1) Pentafluorobenzene	5.556	168	84040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	128981	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	140022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77845	51.703	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.400%	
35) Dibromofluoromethane	5.385	113	71698	46.787	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.580%	
50) Toluene-d8	8.647	98	261633	47.726	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.460%	
62) 4-Bromofluorobenzene	11.079	95	89200	45.185	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	478	Below Cal	#	73
6) Chloroethane	1.660	64	223	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	615	2.934	ug/l #	73
16) Acetone	2.392	43	751	Below Cal	#	79
17) Carbon Disulfide	2.508	76	424	Below Cal	#	75
20) Methylene Chloride	2.788	84	342	0.260	ug/l #	64
31) Cyclohexane	5.556	56	1726	0.963	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	5687	2.993	ug/l #	46
38) Carbon Tetrachloride	5.556	117	8352	3.541	ug/l #	19
51) 4-Methyl-2-Pentanone	8.641	43	877	0.601	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	44477	27.153	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	44477	93.212	ug/l #	11

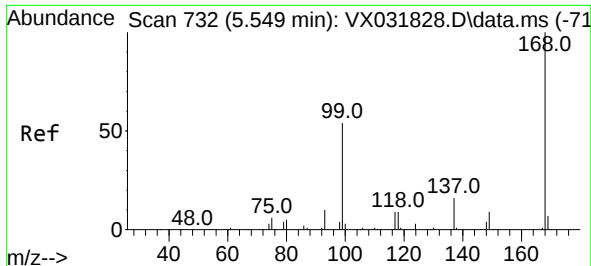
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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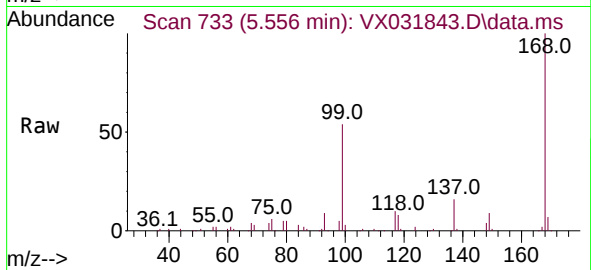
Quant Time: Oct 04 07:09:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
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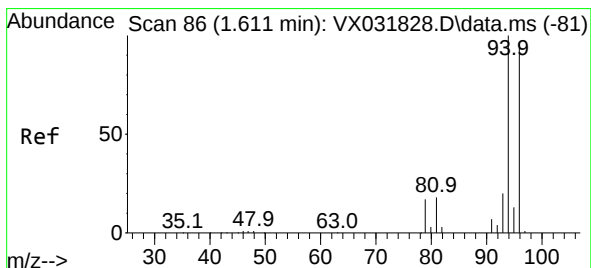
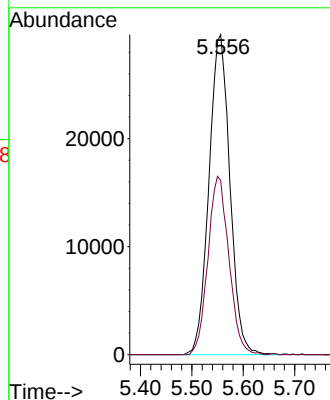
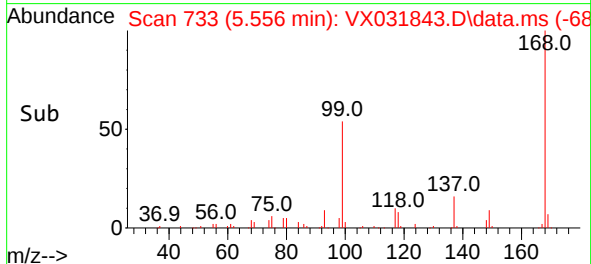


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

Instrument :
MSVOA_X
ClientSampleId :

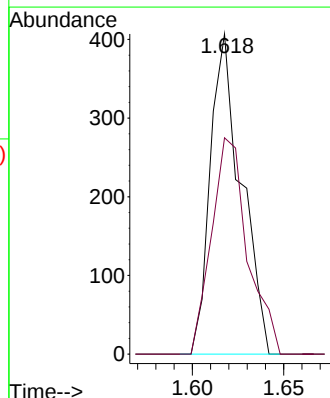
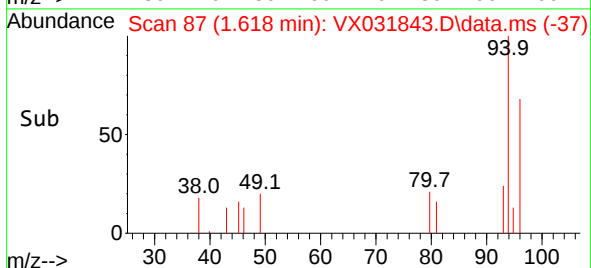
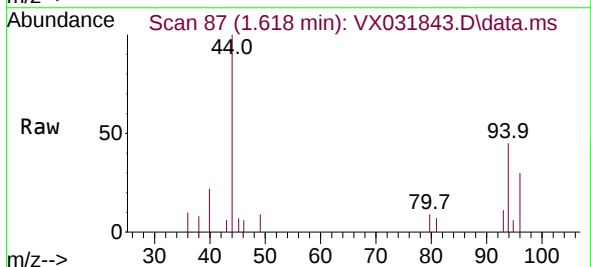


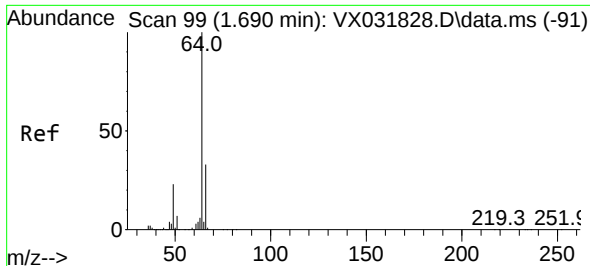
Tgt Ion:168 Resp: 84040
Ion Ratio Lower Upper
168 100
99 54.4 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

Tgt Ion: 94 Resp: 478
Ion Ratio Lower Upper
94 100
96 67.6 74.4 111.6#

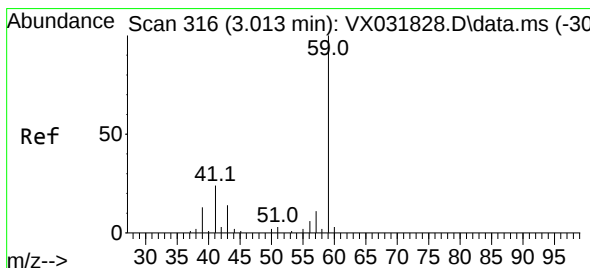
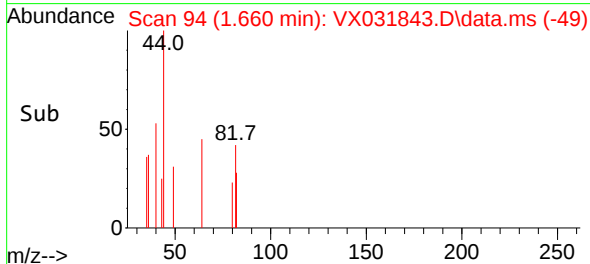
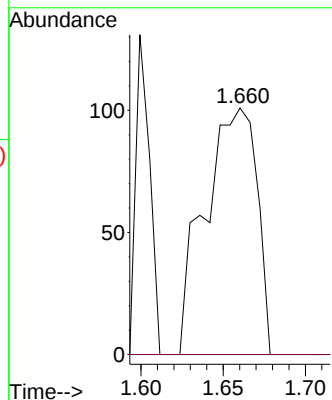
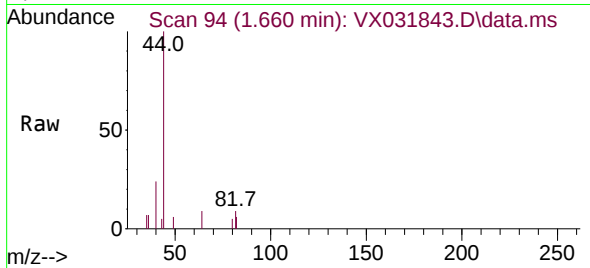




#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

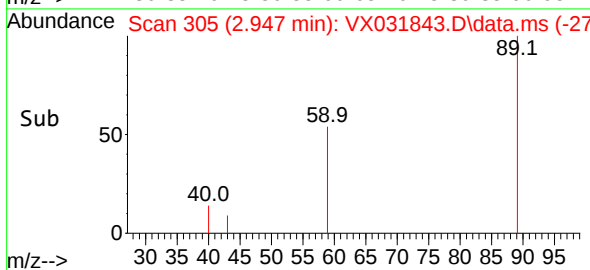
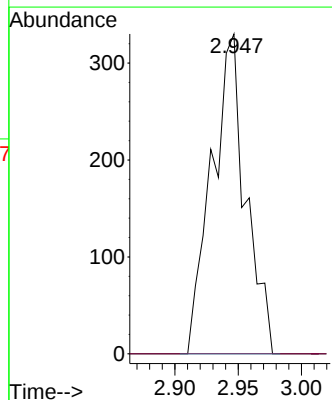
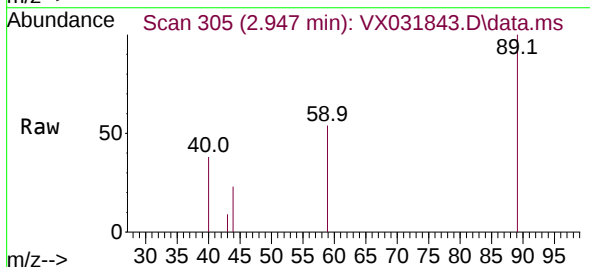
Instrument :
MSVOA_X
ClientSampleId :

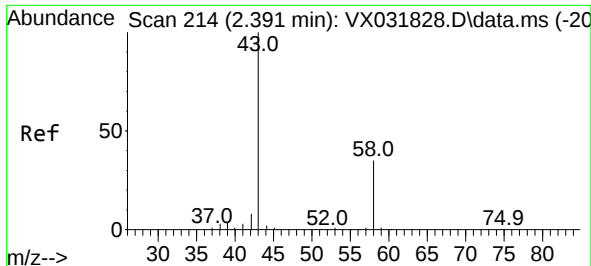
Tgt Ion: 64 Resp: 223
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#11
Tert butyl alcohol
Concen: 2.934 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.134 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

Tgt Ion: 59 Resp: 615
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

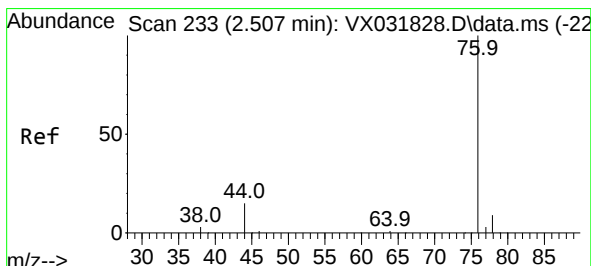
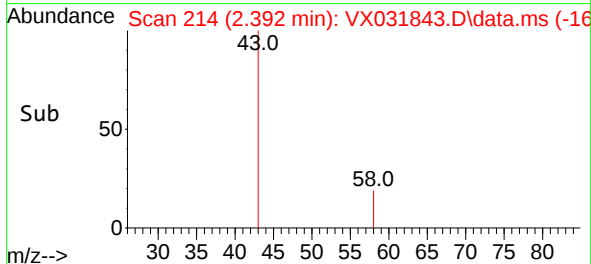
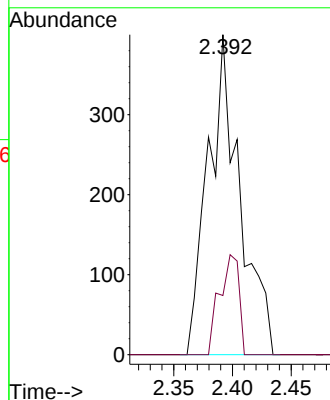
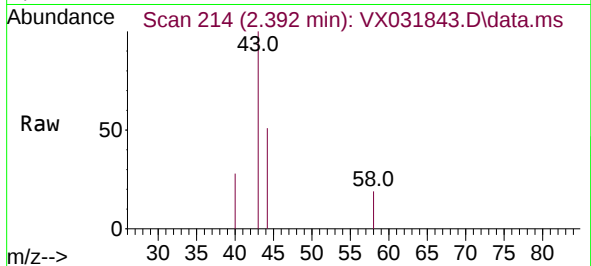




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

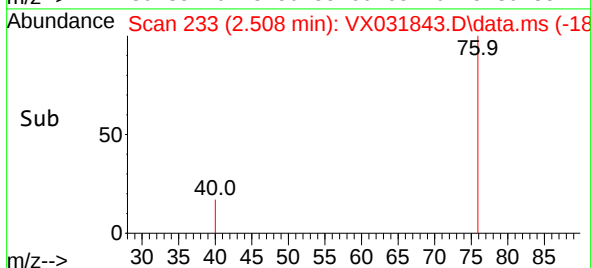
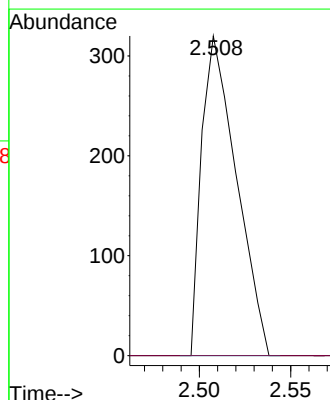
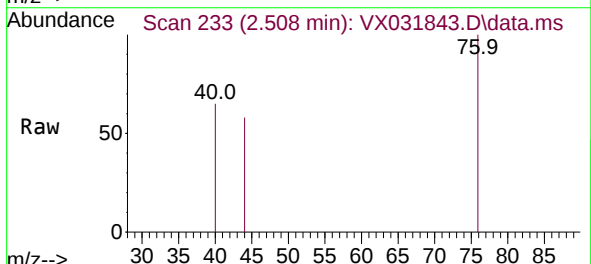
Instrument :
MSVOA_X
ClientSampleId :

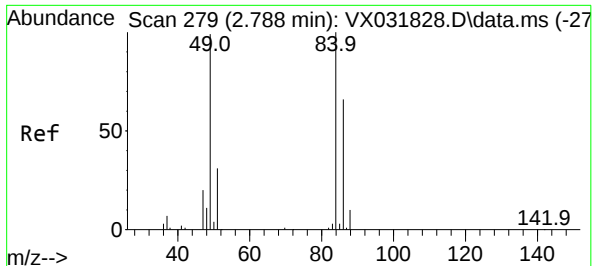
Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 18.5 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

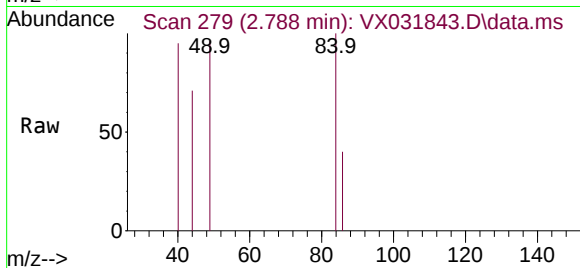
Tgt Ion: 76 Resp: 424
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



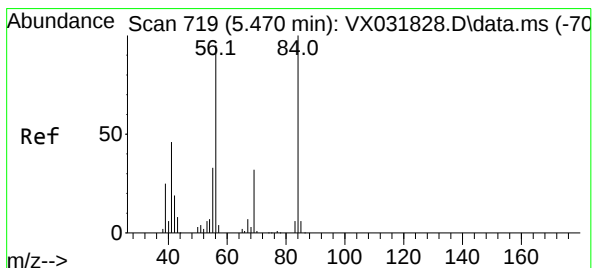
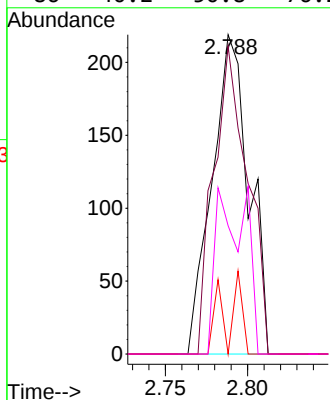
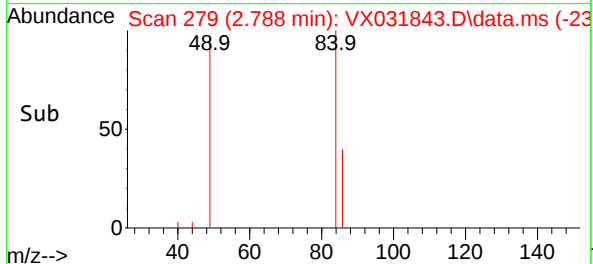


#20
Methylene Chloride
Concen: 0.260 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

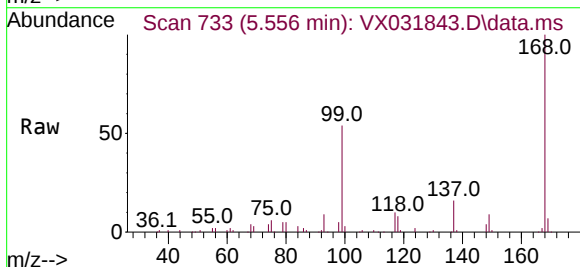
Instrument :
MSVOA_X
ClientSampleId :



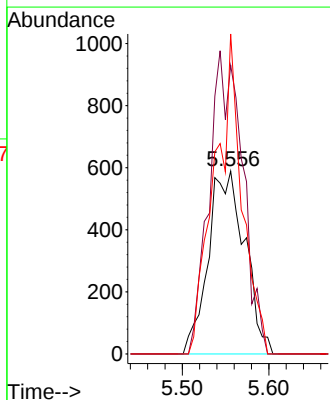
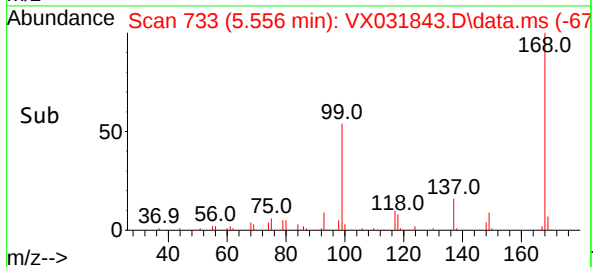
Tgt Ion:	84	Resp:	342
Ion	Ratio	Lower	Upper
84	100		
49	96.3	105.9	158.9#
51	0.0	32.2	48.2#
86	40.2	50.8	76.2#

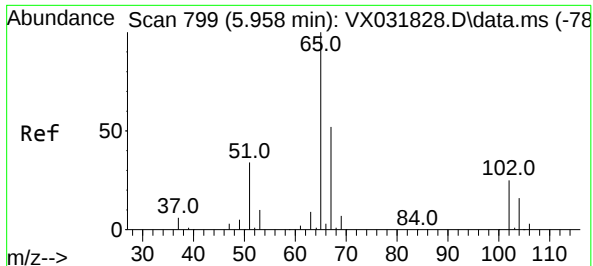


#31
Cyclohexane
Concen: 0.963 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02



Tgt Ion:	56	Resp:	1726
Ion	Ratio	Lower	Upper
56	100		
69	157.9	25.1	37.7#
84	175.0	70.2	105.4#

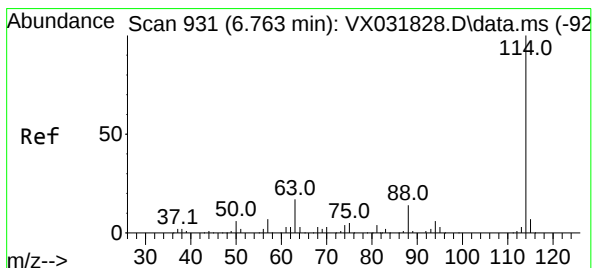
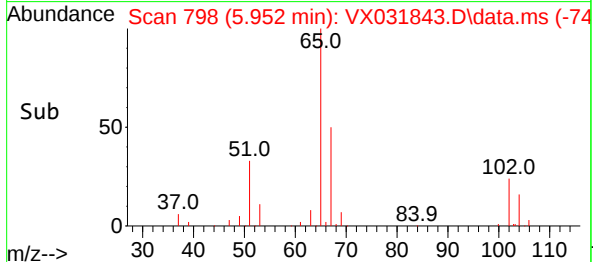
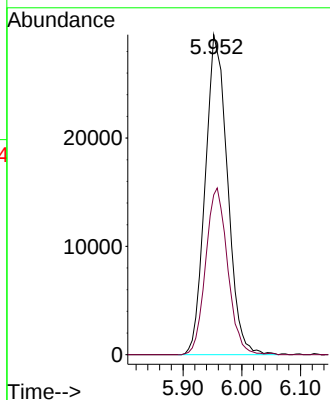
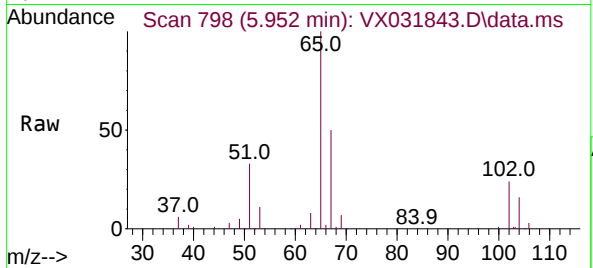




#33
 1,2-Dichloroethane-d4
 Concen: 51.703 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031843.D
 Acq: 03 Oct 2022 19:02

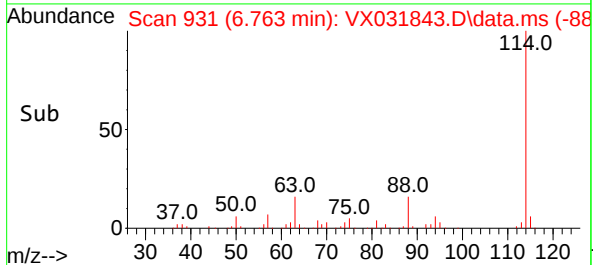
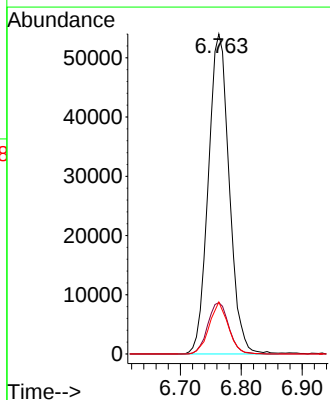
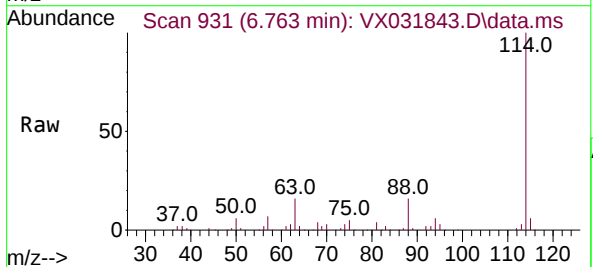
Instrument :
 MSVOA_X
 ClientSampleId :

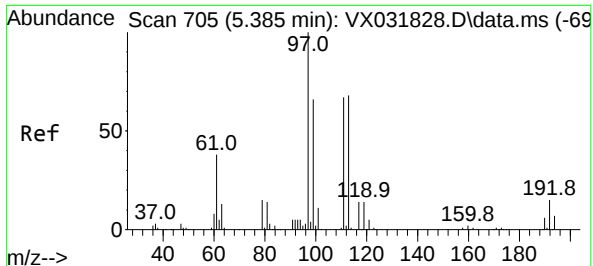
Tgt Ion: 65 Resp: 77845
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX031843.D
 Acq: 03 Oct 2022 19:02

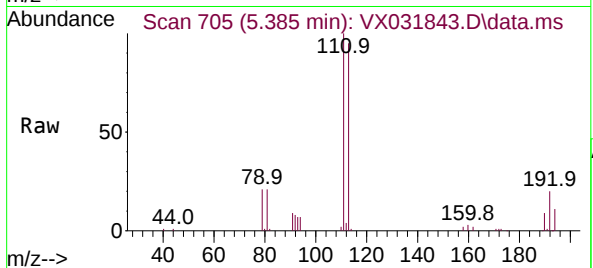
Tgt Ion: 114 Resp: 128981
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 42.6
 88 16.2 0.0 33.0



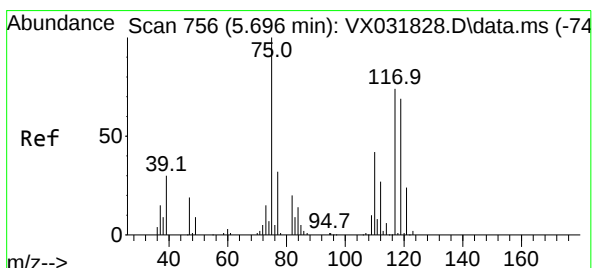
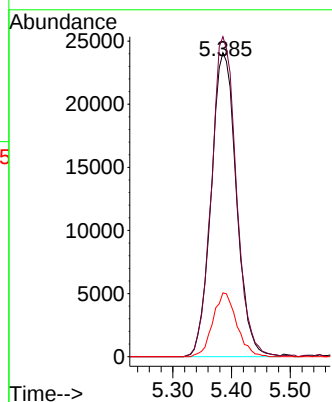
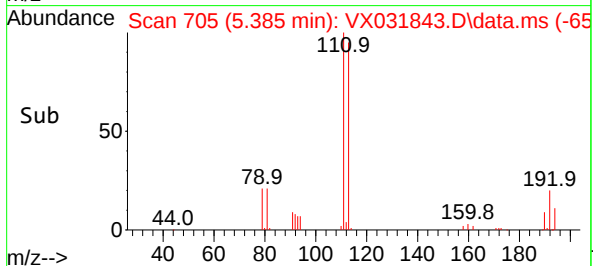


#35
Dibromofluoromethane
Concen: 46.787 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

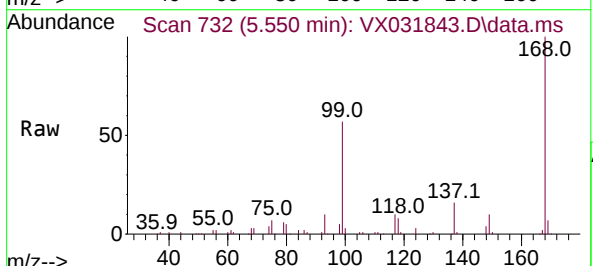
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MSVOA_X
ClientSampleId :



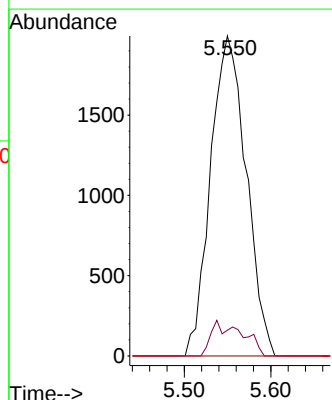
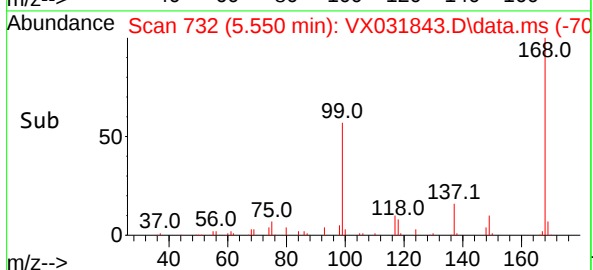
Tgt Ion:113 Resp: 71698
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.9 14.1 21.1

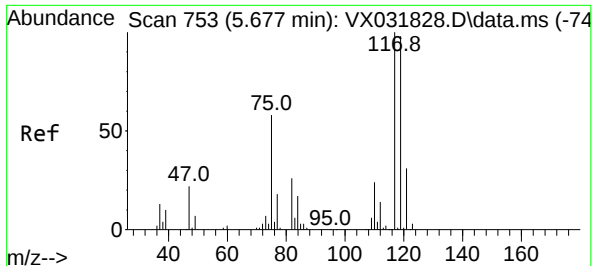


#36
1,1-Dichloropropene
Concen: 2.993 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02



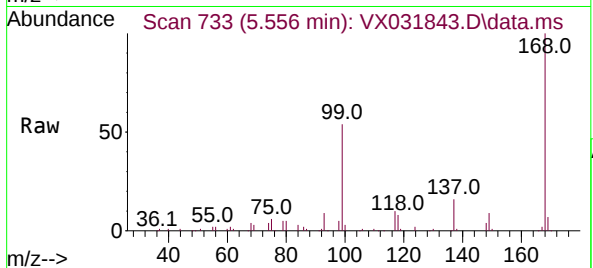
Tgt Ion: 75 Resp: 5687
Ion Ratio Lower Upper
75 100
110 4.7 17.5 52.5#
77 0.0 24.9 37.3#



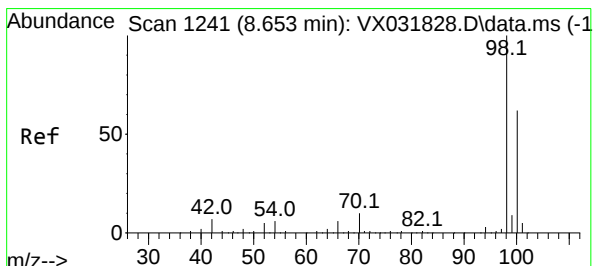
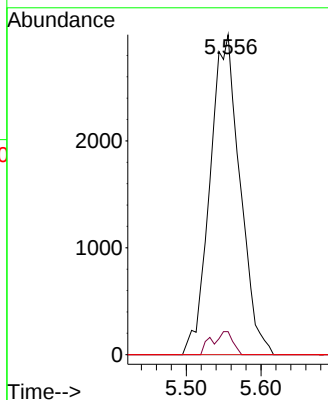
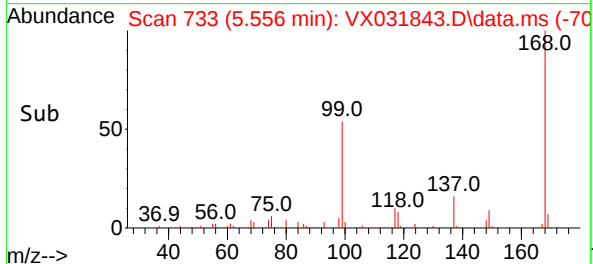


#38
Carbon Tetrachloride
Concen: 3.541 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

Instrument :
MSVOA_X
ClientSampleId :

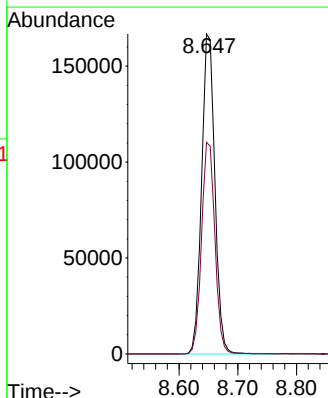
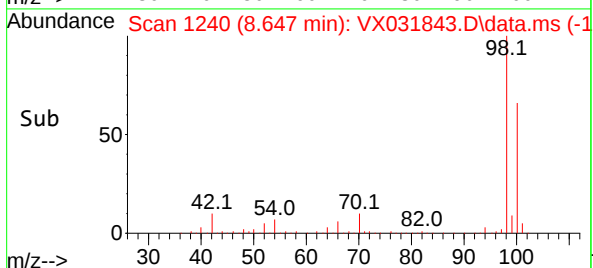
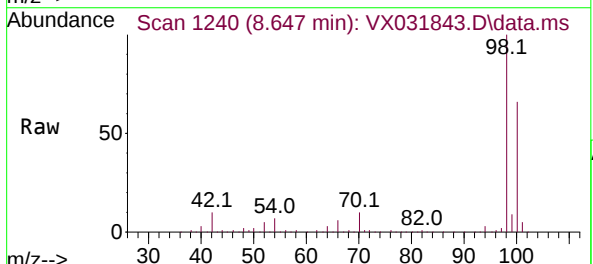


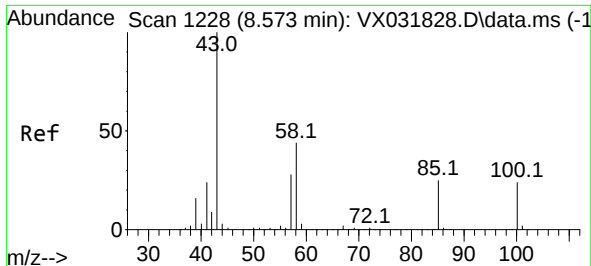
Tgt Ion:117 Resp: 8352
Ion Ratio Lower Upper
117 100
119 7.2 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 47.726 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

Tgt Ion: 98 Resp: 261633
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.601 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.061 min

Lab File: VX031843.D

Acq: 03 Oct 2022 19:02

Instrument :

MSVOA_X

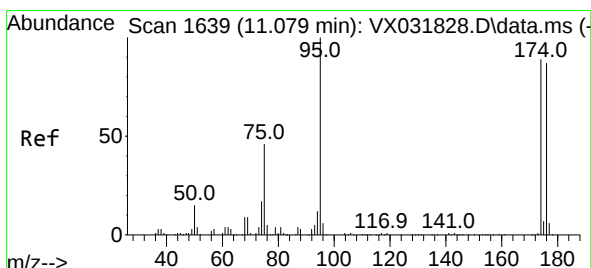
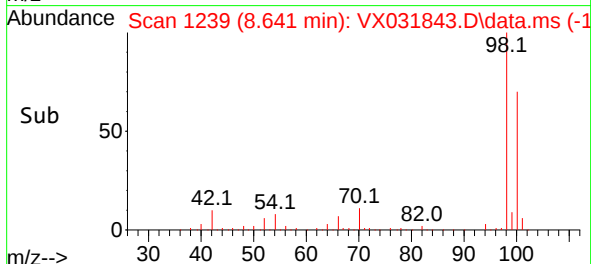
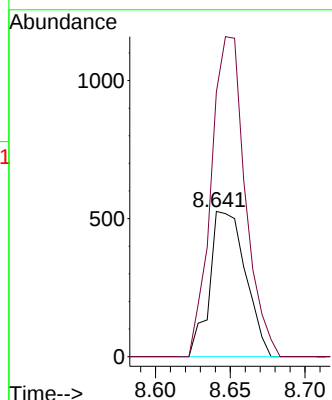
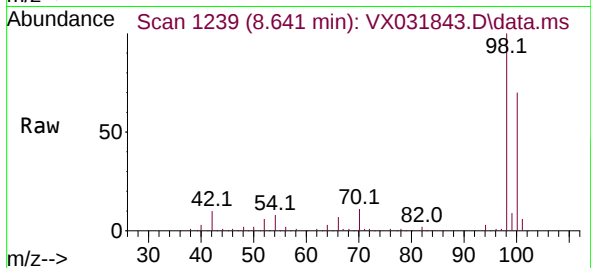
ClientSampleId :

Tgt Ion: 43 Resp: 877

Ion Ratio Lower Upper

43 100

58 209.6 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 45.185 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031843.D

Acq: 03 Oct 2022 19:02

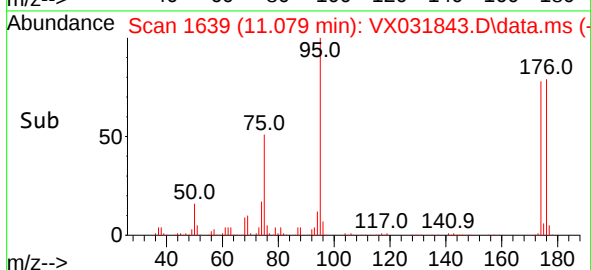
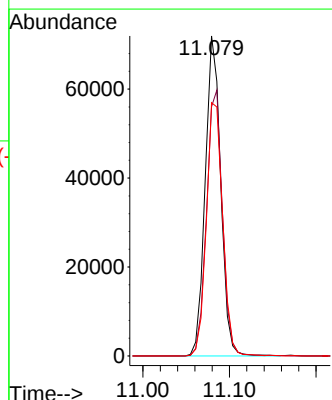
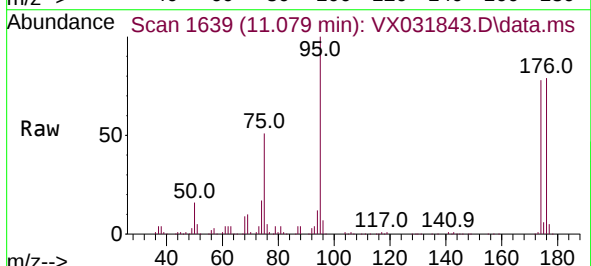
Tgt Ion: 95 Resp: 89200

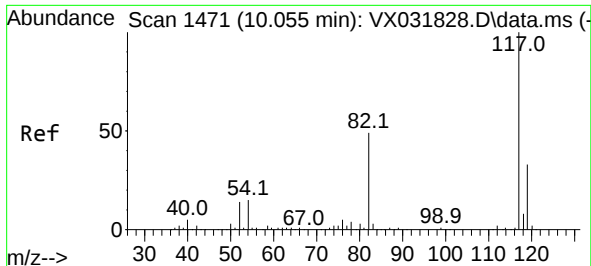
Ion Ratio Lower Upper

95 100

174 85.5 0.0 153.2

176 83.5 0.0 144.0

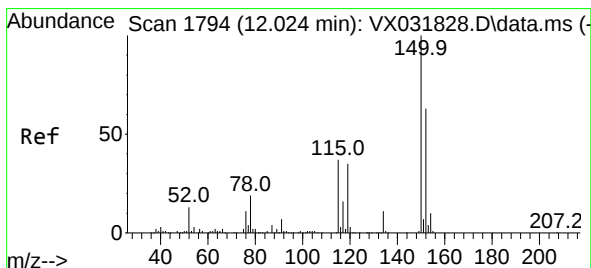
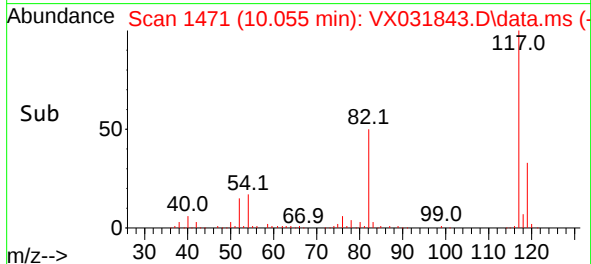
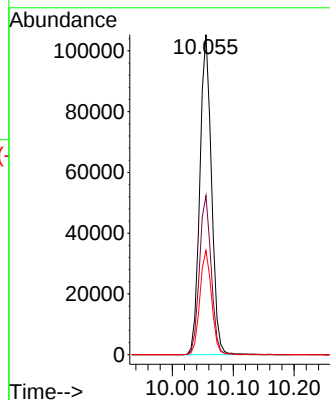
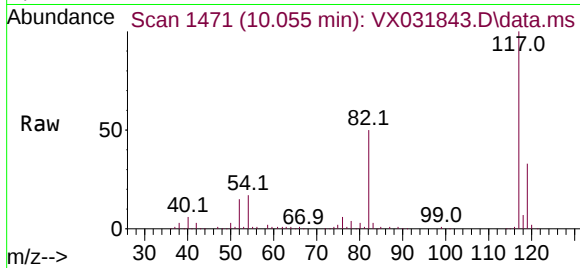




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

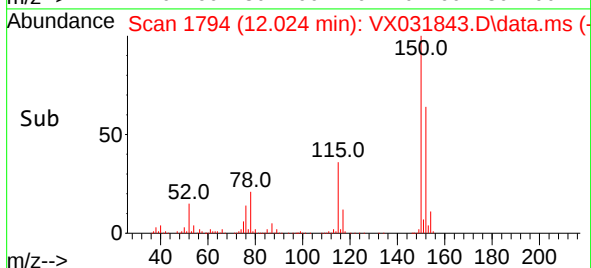
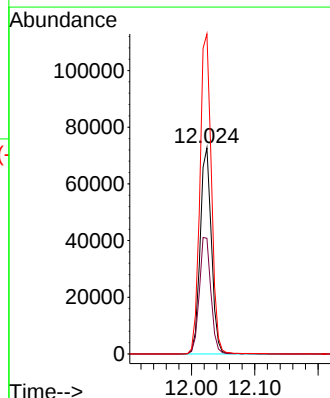
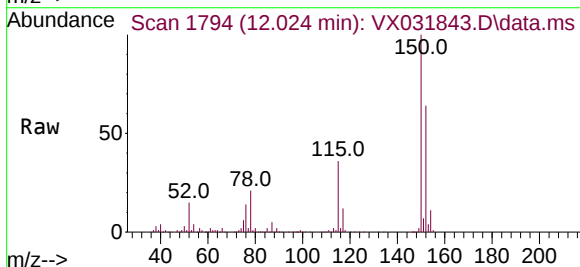
Instrument :
MSVOA_X
ClientSampleId :

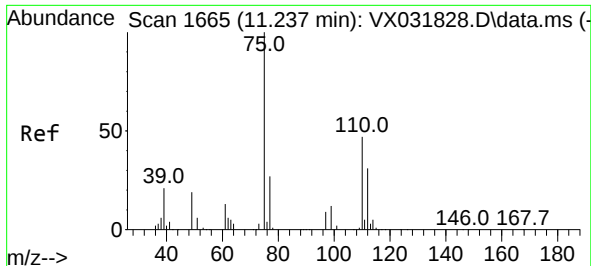
Tgt Ion:117 Resp: 140022
Ion Ratio Lower Upper
117 100
82 49.7 46.8 70.2
119 32.5 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

Tgt Ion:152 Resp: 90031
Ion Ratio Lower Upper
152 100
115 58.0 43.4 130.1
150 158.8 0.0 346.8

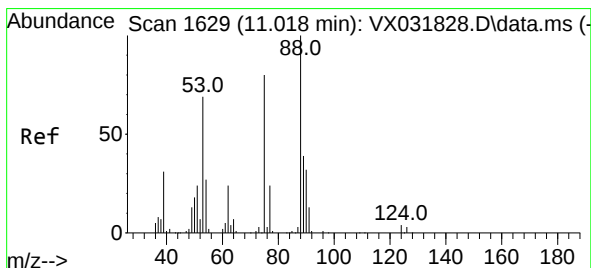
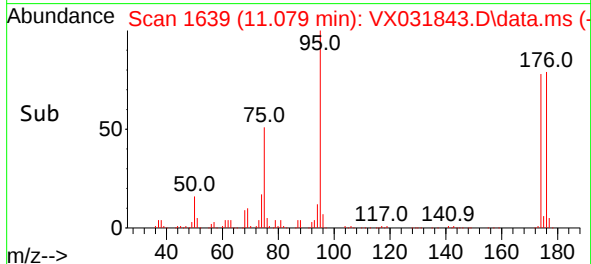
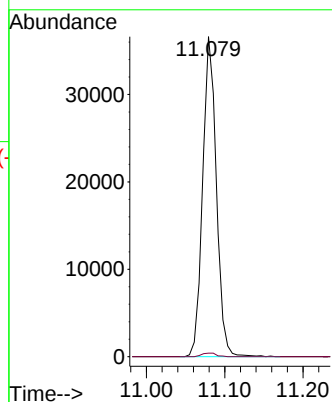
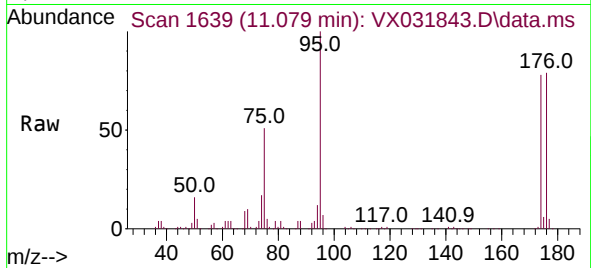




#76
1,2,3-Trichloropropane
Concen: 27.153 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 44477
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.212 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031843.D
Acq: 03 Oct 2022 19:02

Tgt Ion: 75 Resp: 44477
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

