

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100322\
 Data File : VX031847.D
 Acq On : 03 Oct 2022 20:35
 Operator : JC/MD
 Sample : N4860-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 04 07:12:37 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)

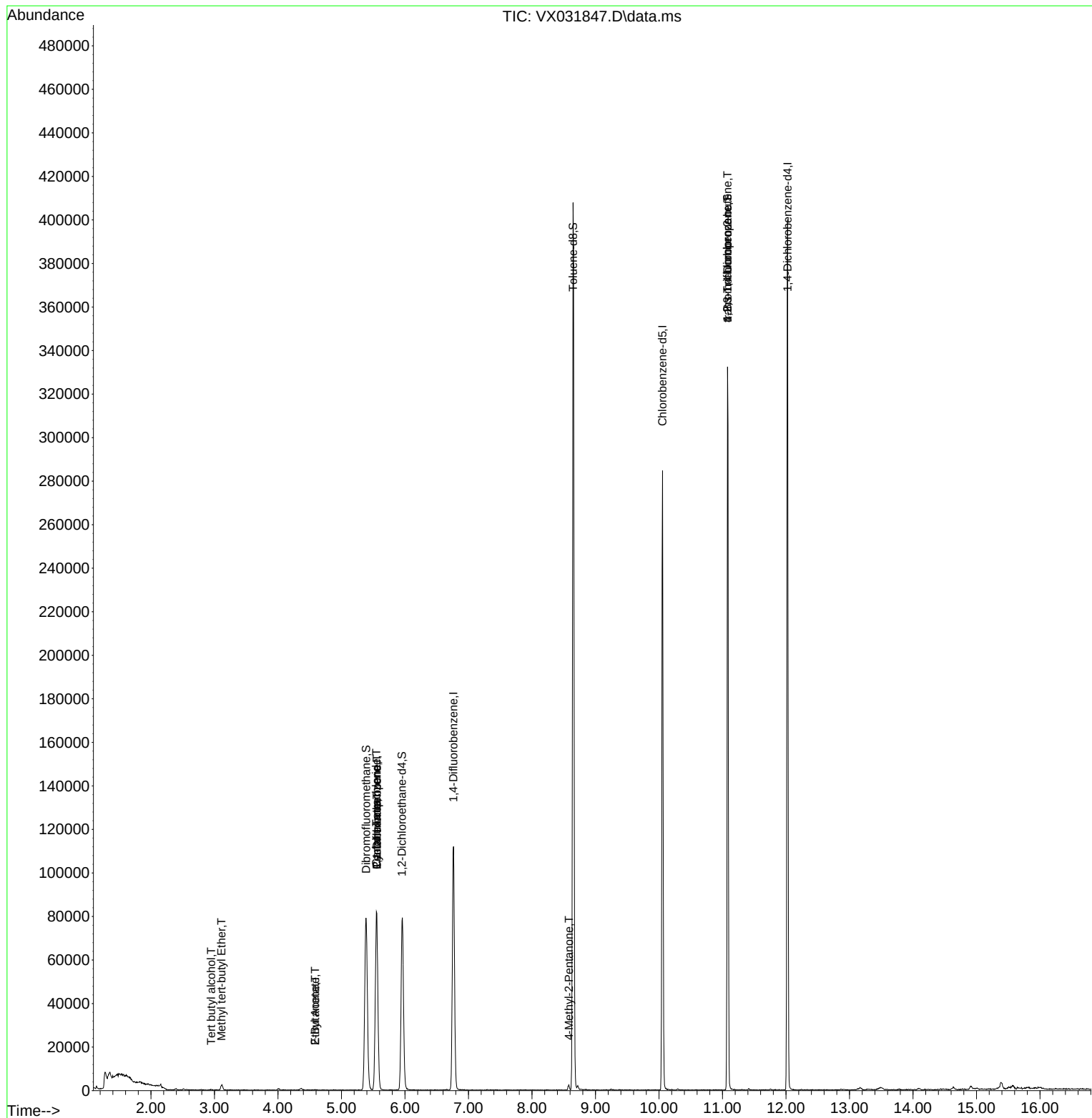
Internal Standards						
1) Pentafluorobenzene	5.556	168	79974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	123256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75324	52.572	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.140%			
35) Dibromofluoromethane	5.385	113	69103	47.188	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.380%			
50) Toluene-d8	8.647	98	250213	47.762	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.520%			
62) 4-Bromofluorobenzene	11.079	95	85178	45.151	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.300%			
Target Compounds						
5) Bromomethane	1.618	94	366	Below Cal		89
6) Chloroethane	1.770	64	475	Below Cal	#	49
11) Tert butyl alcohol	2.947	59	117	0.587 ug/l	#	73
16) Acetone	2.398	43	664	Below Cal		99
17) Carbon Disulfide	2.514	76	652	Below Cal	#	75
19) Methyl tert-butyl Ether	3.111	73	3055	0.840 ug/l	#	88
25) 2-Butanone	4.587	43	332	0.505 ug/l	#	49
31) Cyclohexane	5.556	56	1345	0.788 ug/l	#	1
36) 1,1-Dichloropropene	5.556	75	5730	3.156 ug/l	#	41
37) Ethyl Acetate	4.587	43	332	0.242 ug/l	#	68
38) Carbon Tetrachloride	5.550	117	8229	3.651 ug/l	#	17
51) 4-Methyl-2-Pentanone	8.580	43	1409	1.010 ug/l		98
76) 1,2,3-Trichloropropane	11.079	75	42314	26.836 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	42314	92.124 ug/l	#	11

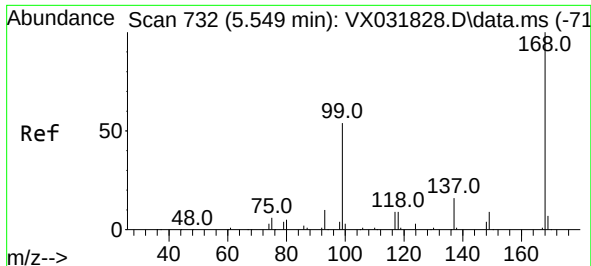
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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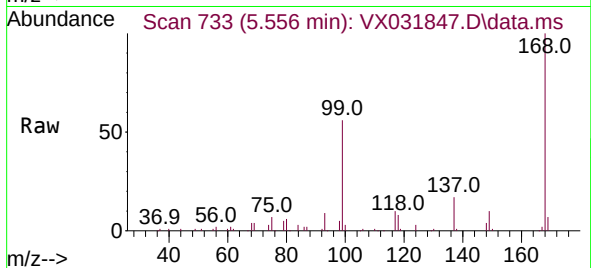
Quant Time: Oct 04 07:12:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 06:59:30 2022
Response via : Initial Calibration



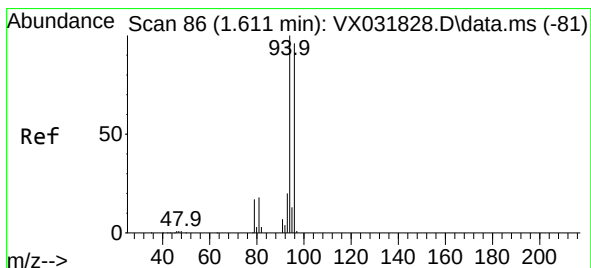
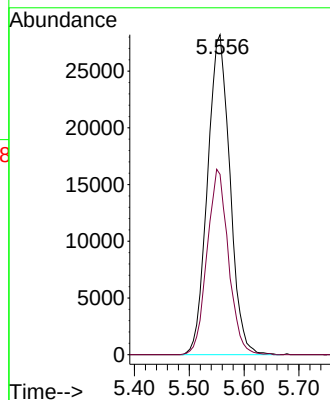
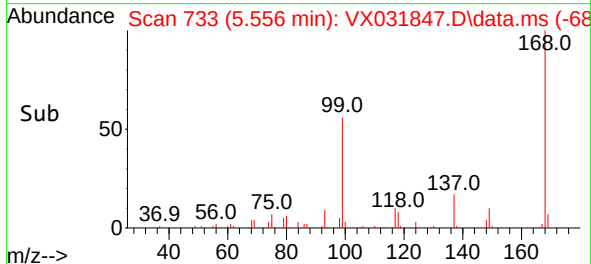


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Instrument :
MSVOA_X
ClientSampleId :

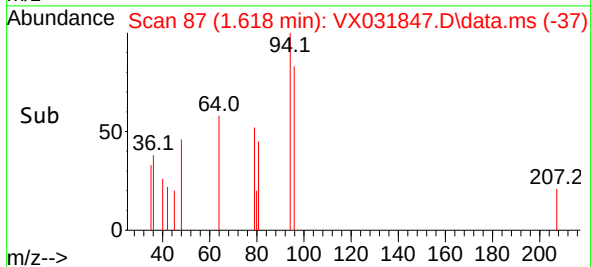
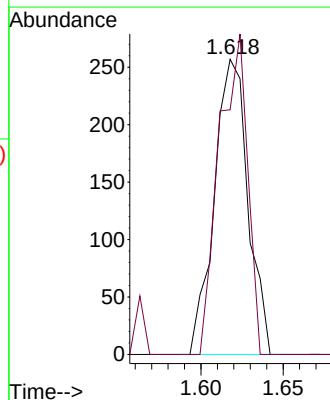
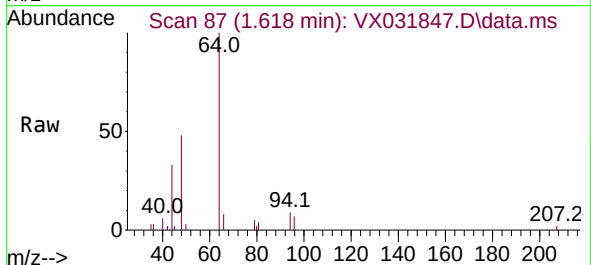


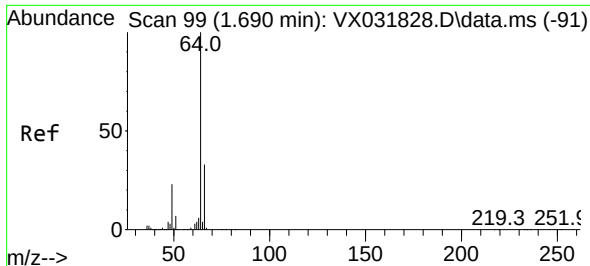
Tgt Ion:168 Resp: 79974
Ion Ratio Lower Upper
168 100
99 56.3 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Tgt Ion: 94 Resp: 366
Ion Ratio Lower Upper
94 100
96 82.9 74.4 111.6

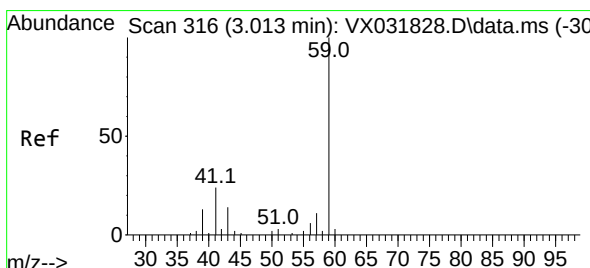
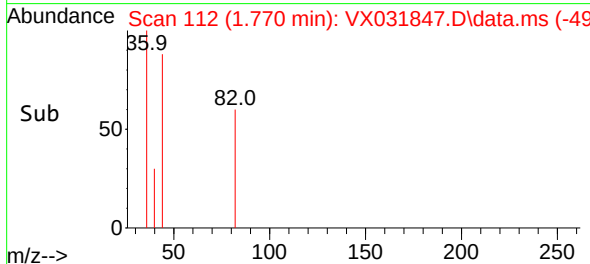
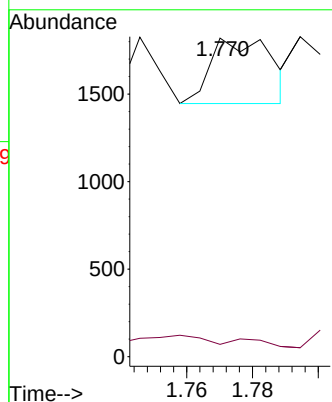
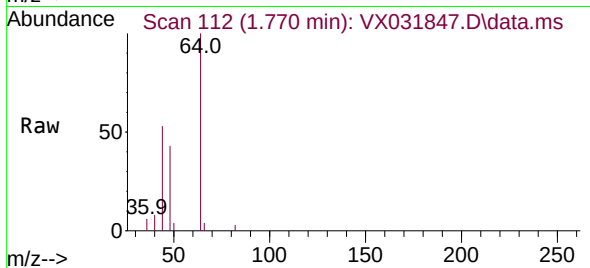




#6
Chloroethane
Concen: Below Cal
RT: 1.770 min Scan# 11
Delta R.T. 0.085 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

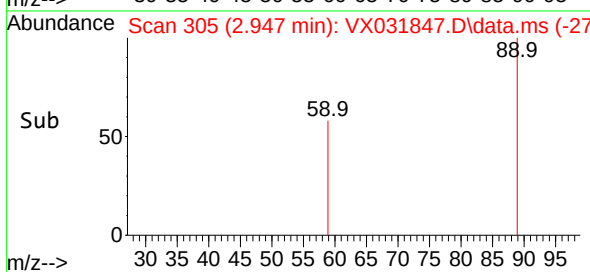
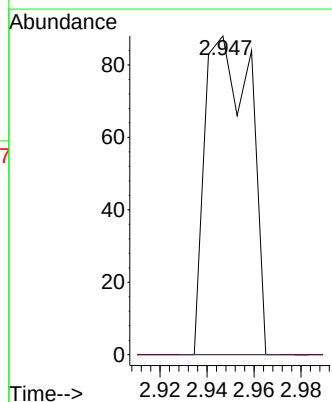
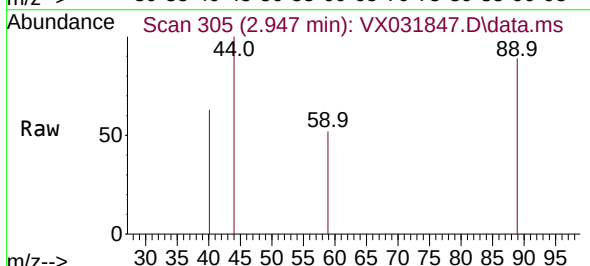
Instrument :
MSVOA_X
ClientSampleId :

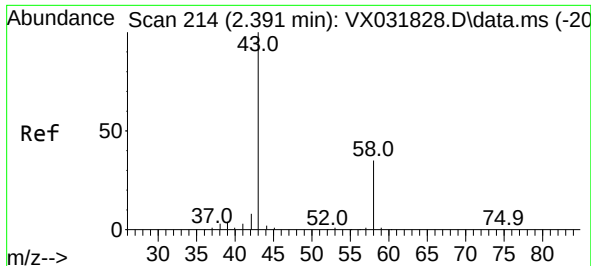
Tgt Ion: 64 Resp: 475
Ion Ratio Lower Upper
64 100
66 3.2 25.0 37.4#



#11
Tert butyl alcohol
Concen: 0.587 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.134 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Tgt Ion: 59 Resp: 117
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

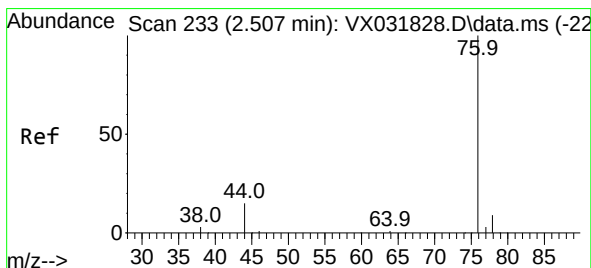
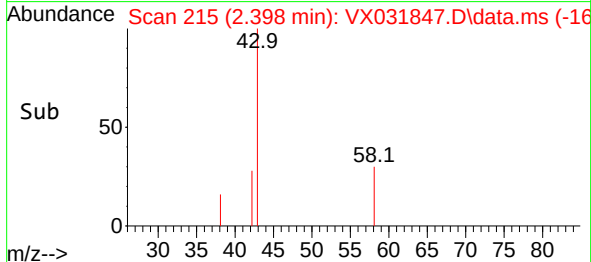
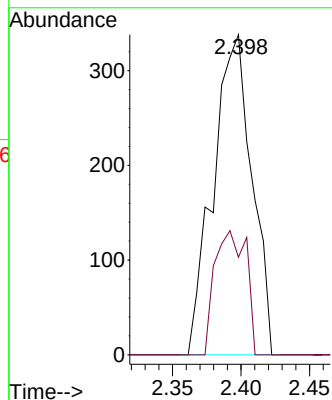
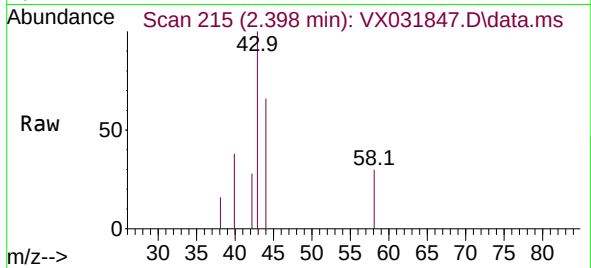




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

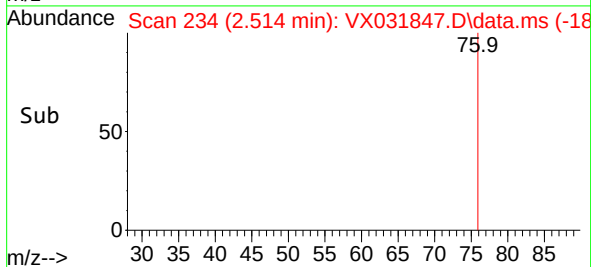
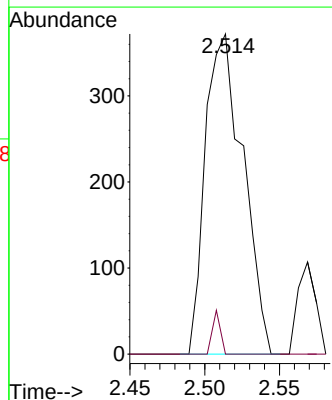
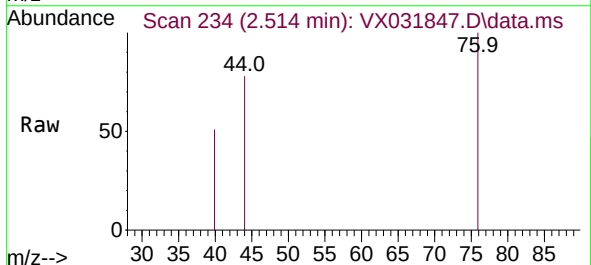
Instrument :
MSVOA_X
ClientSampleId :

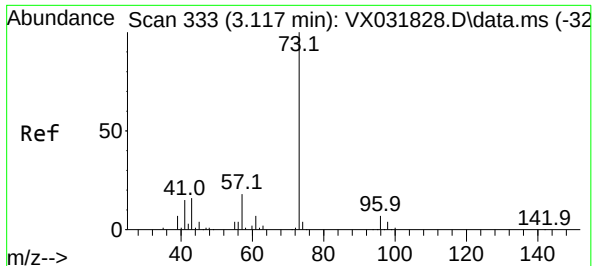
Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.8



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Tgt Ion: 76 Resp: 652
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#19

Methyl tert-butyl Ether

Concen: 0.840 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX031847.D

Acq: 03 Oct 2022 20:35

Instrument :

MSVOA_X

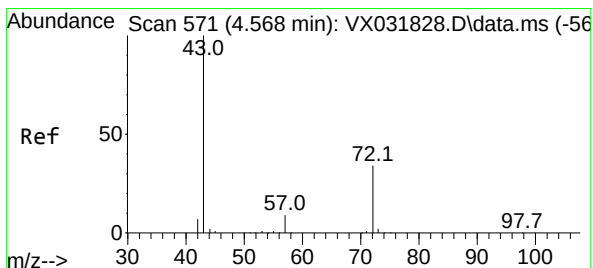
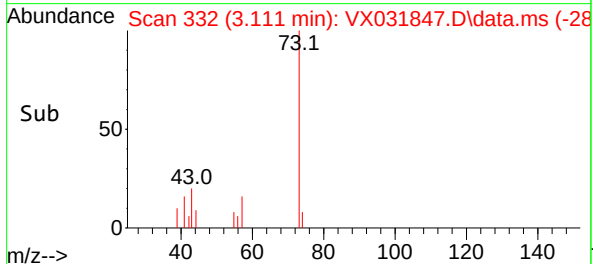
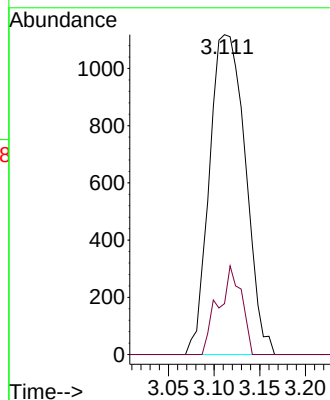
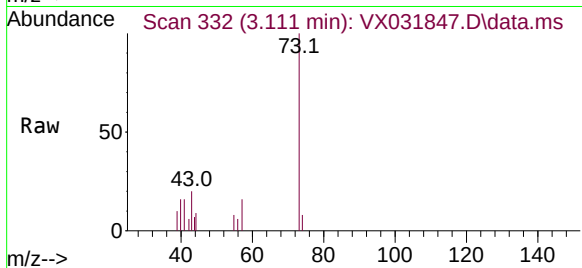
ClientSampleId :

Tgt Ion: 73 Resp: 3055

Ion Ratio Lower Upper

73 100

57 15.9 17.2 25.8#



#25

2-Butanone

Concen: 0.505 ug/l

RT: 4.587 min Scan# 574

Delta R.T. 0.019 min

Lab File: VX031847.D

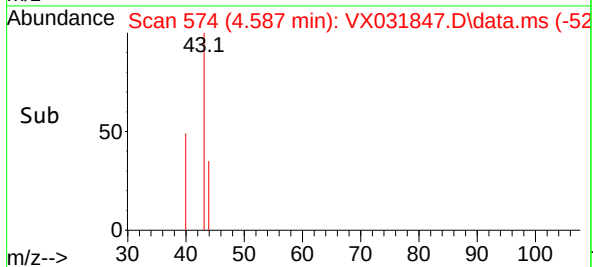
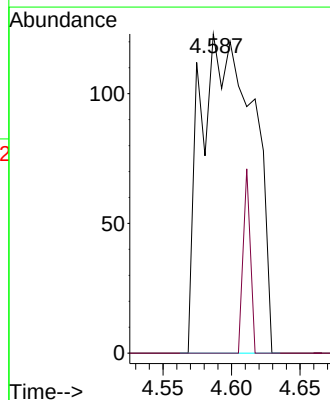
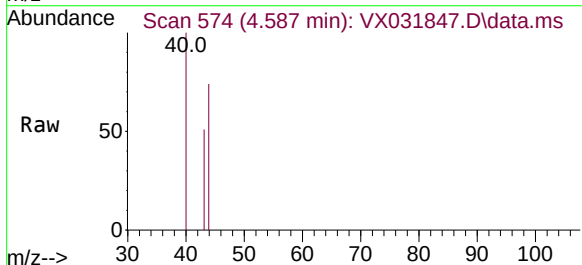
Acq: 03 Oct 2022 20:35

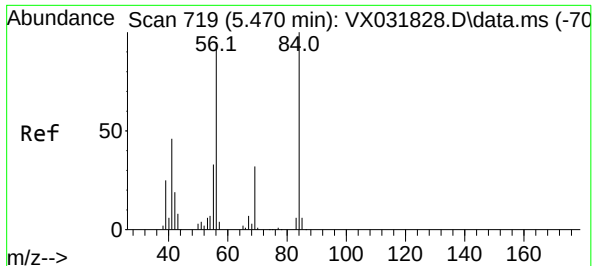
Tgt Ion: 43 Resp: 332

Ion Ratio Lower Upper

43 100

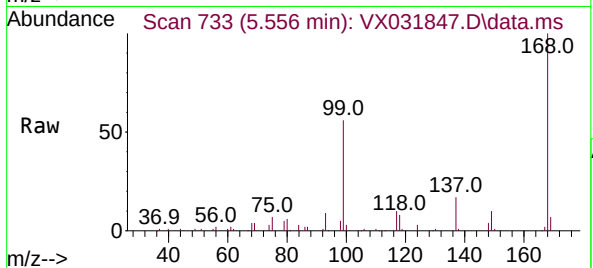
72 0.0 21.1 31.7#



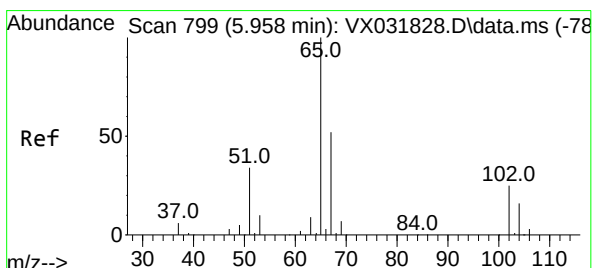
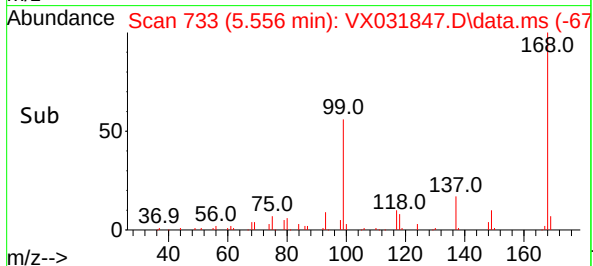
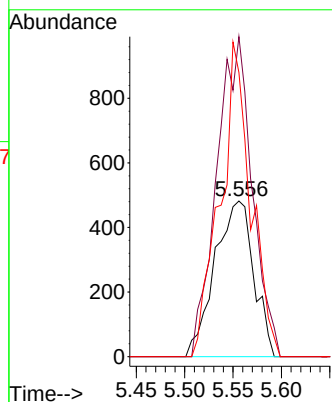


#31
Cyclohexane
Concen: 0.788 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Instrument :
MSVOA_X
ClientSampleId :

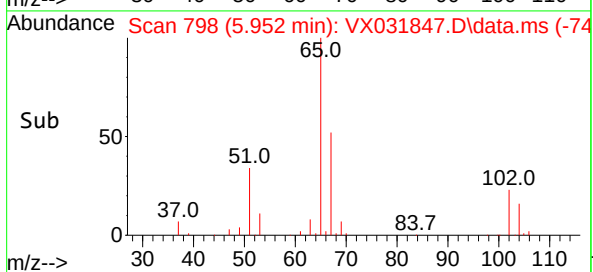
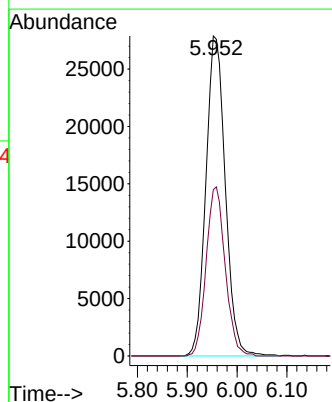
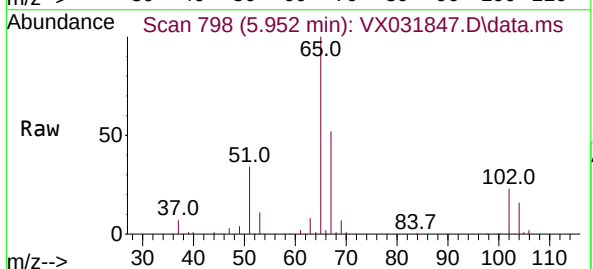


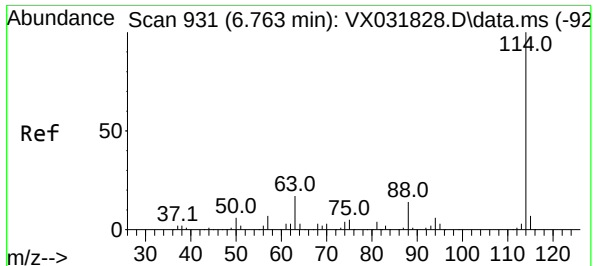
Tgt Ion: 56 Resp: 1345
Ion Ratio Lower Upper
56 100
69 205.6 25.1 37.7#
84 182.6 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 52.572 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Tgt Ion: 65 Resp: 75324
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.4

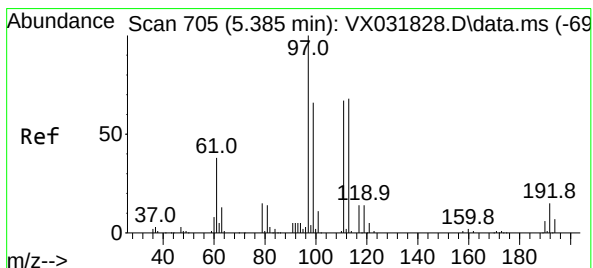
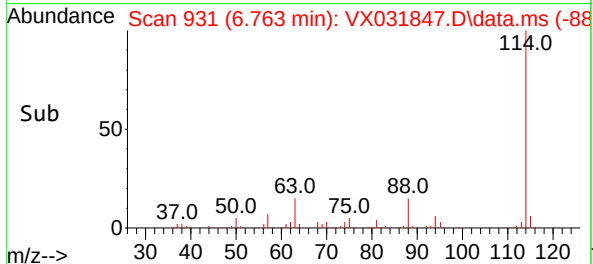
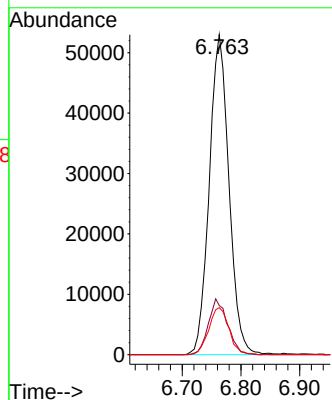
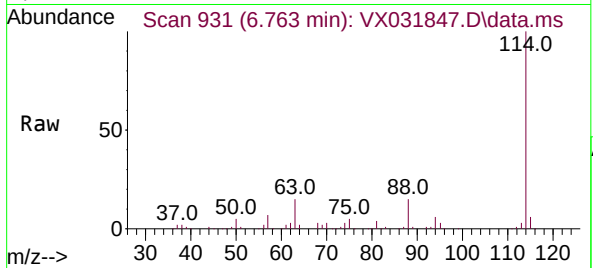




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

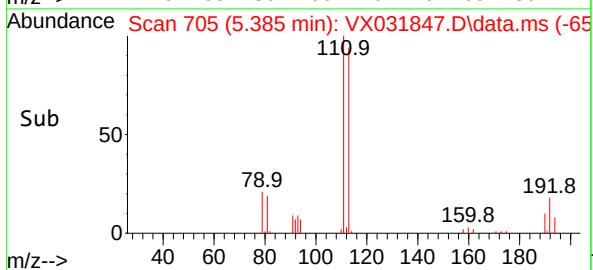
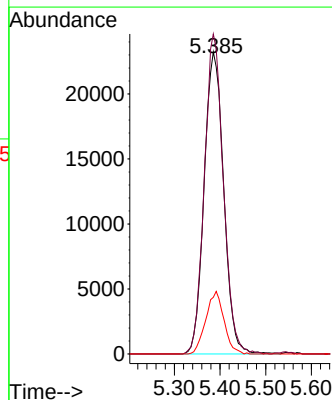
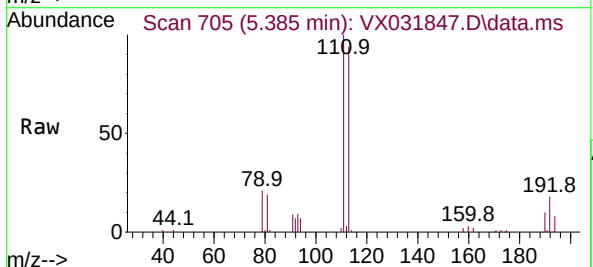
Instrument :
MSVOA_X
ClientSampleId :

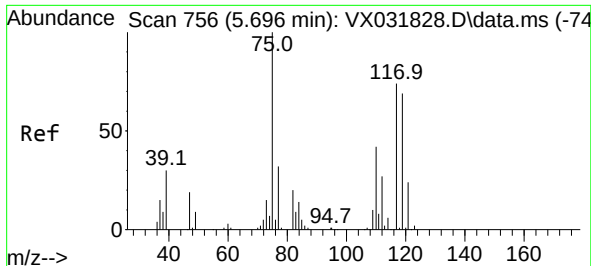
Tgt Ion:114 Resp: 123256
Ion Ratio Lower Upper
114 100
63 15.4 0.0 42.6
88 14.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.188 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Tgt Ion:113 Resp: 69103
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 19.2 14.1 21.1





#36

1,1-Dichloropropene

Concen: 3.156 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

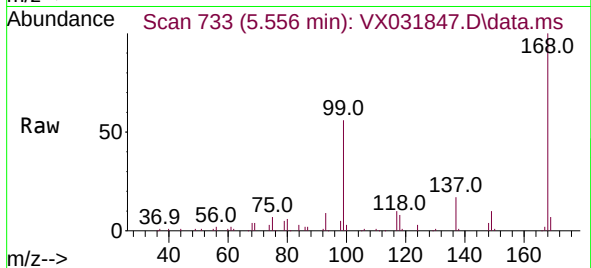
Lab File: VX031847.D

Acq: 03 Oct 2022 20:35

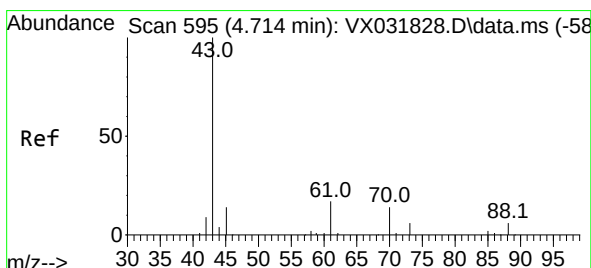
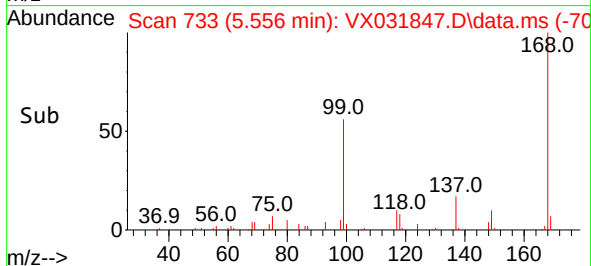
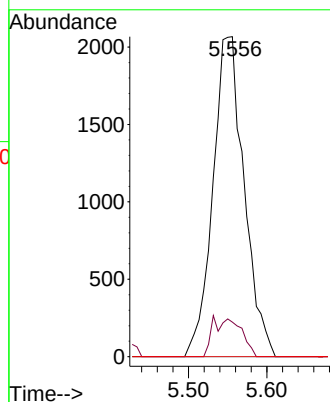
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75	Resp: 5730
Ion Ratio	Lower Upper
75 100	
110 0.0	17.5 52.5#
77 0.0	24.9 37.3#



#37

Ethyl Acetate

Concen: 0.242 ug/l

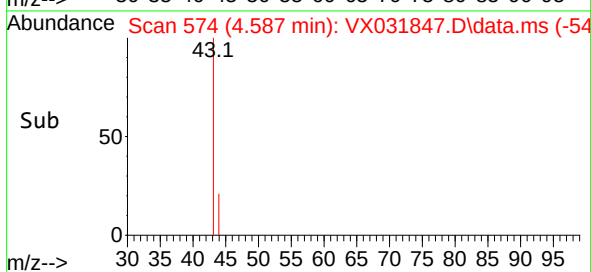
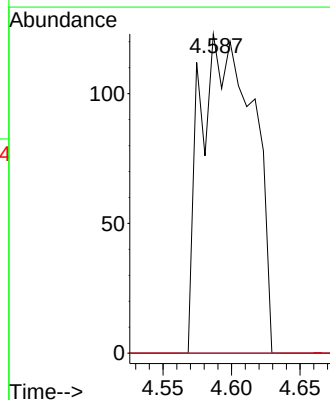
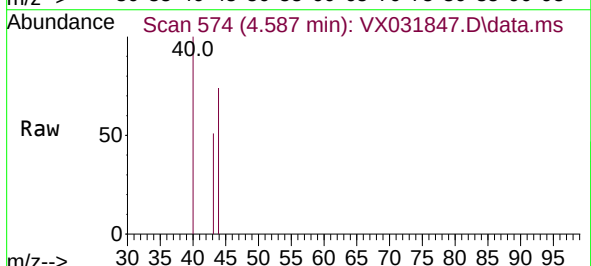
RT: 4.587 min Scan# 574

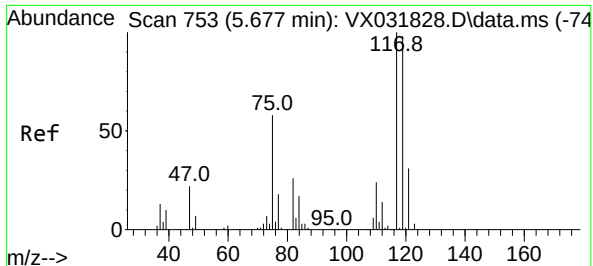
Delta R.T. -0.127 min

Lab File: VX031847.D

Acq: 03 Oct 2022 20:35

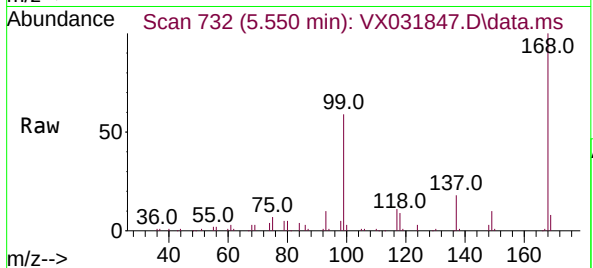
Tgt Ion: 43	Resp: 332
Ion Ratio	Lower Upper
43 100	
61 0.0	11.1 16.7#
70 0.0	8.6 13.0#



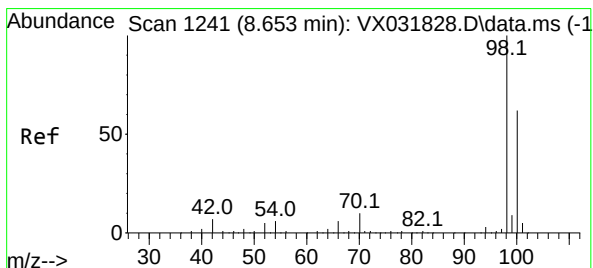
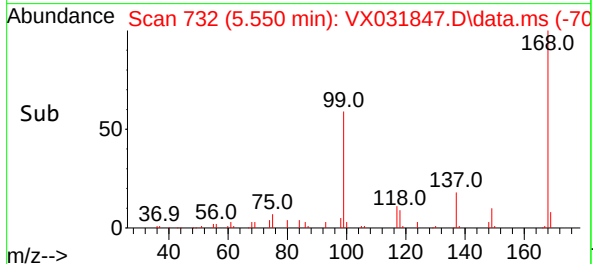
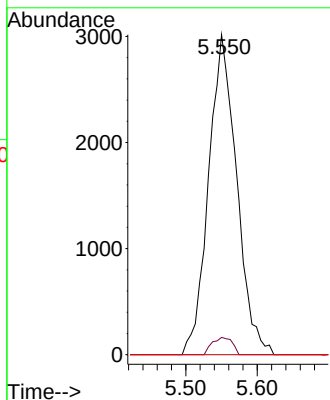


#38
Carbon Tetrachloride
Concen: 3.651 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Instrument :
MSVOA_X
ClientSampleId :

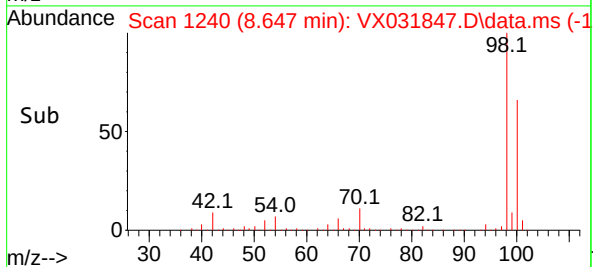
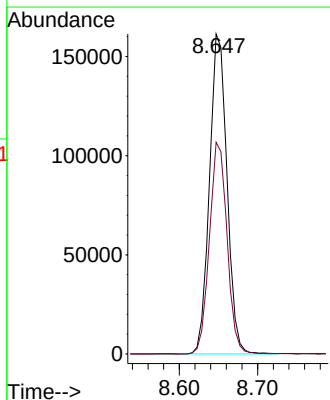
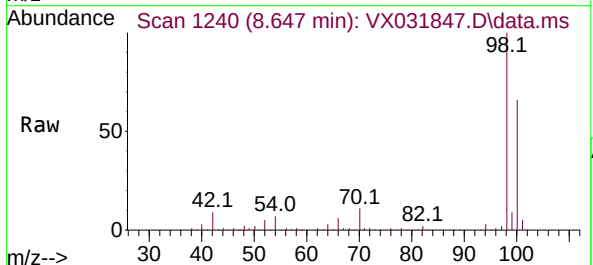


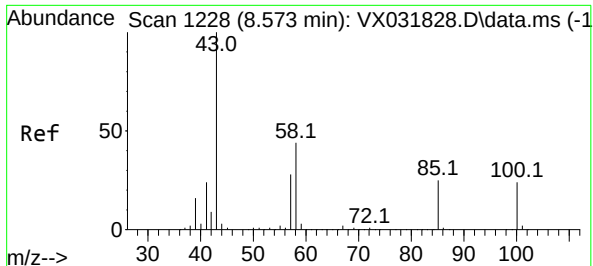
Tgt Ion:117 Resp: 8229
Ion Ratio Lower Upper
117 100
119 5.4 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 47.762 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Tgt Ion: 98 Resp: 250213
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 1.010 ug/l

RT: 8.580 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031847.D

Acq: 03 Oct 2022 20:35

Instrument :

MSVOA_X

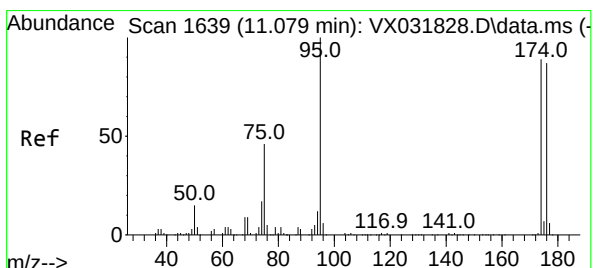
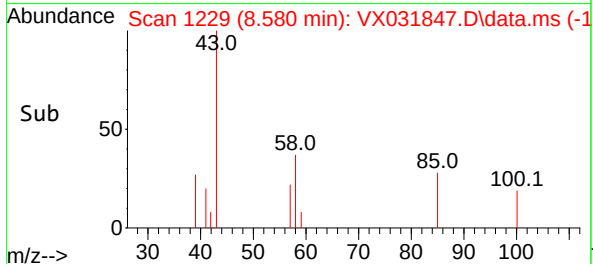
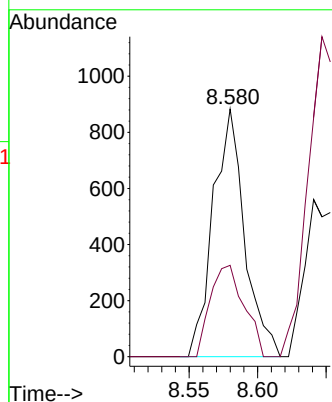
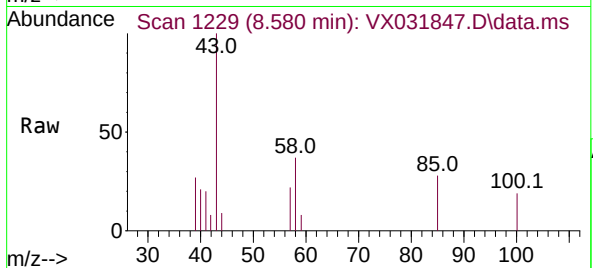
ClientSampleId :

Tgt Ion: 43 Resp: 1409

Ion Ratio Lower Upper

43 100

58 39.7 30.6 46.0



#62

4-Bromofluorobenzene

Concen: 45.151 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031847.D

Acq: 03 Oct 2022 20:35

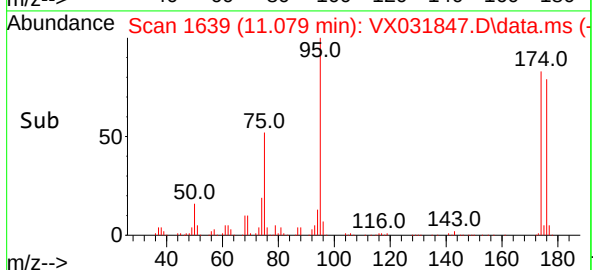
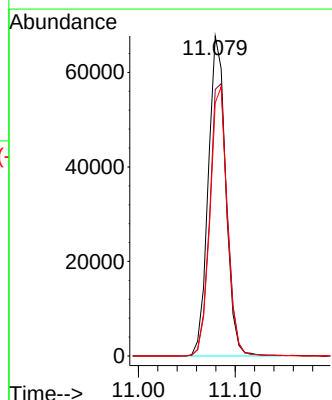
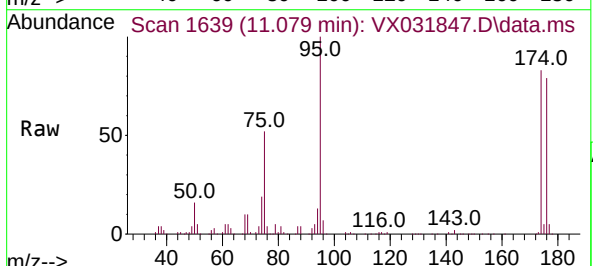
Tgt Ion: 95 Resp: 85178

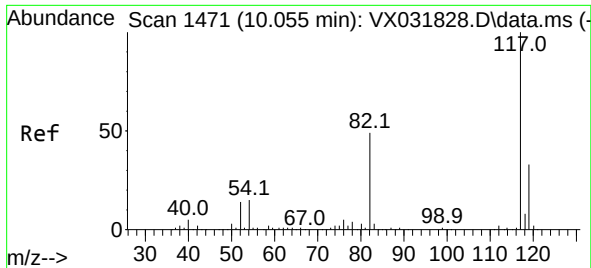
Ion Ratio Lower Upper

95 100

174 86.0 0.0 153.2

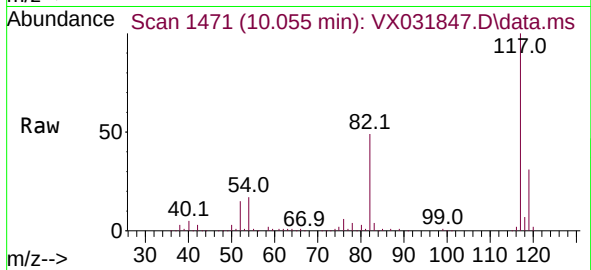
176 83.0 0.0 144.0



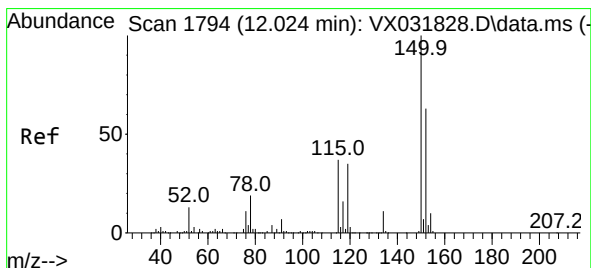
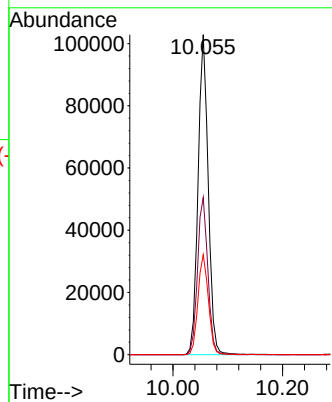
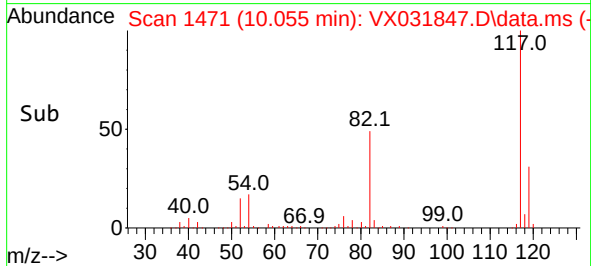


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

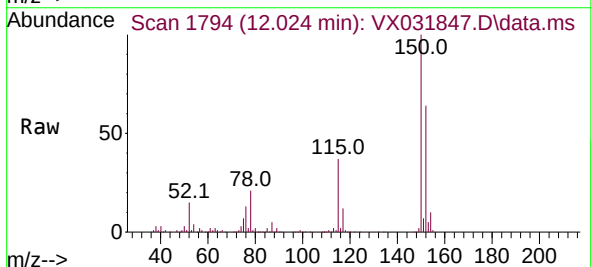
Instrument :
MSVOA_X
ClientSampleId :



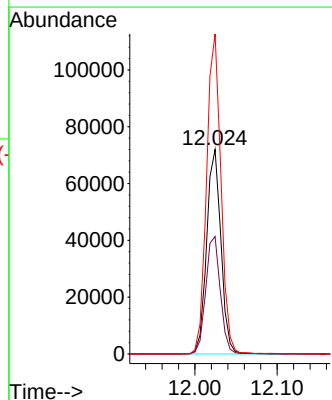
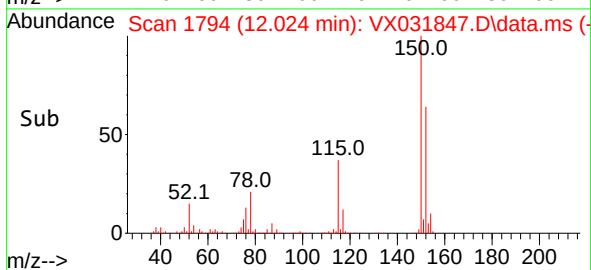
Tgt Ion:117 Resp: 132968
Ion Ratio Lower Upper
117 100
82 49.1 46.8 70.2
119 31.2 26.4 39.6

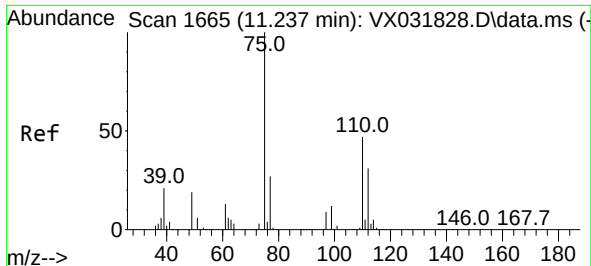


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35



Tgt Ion:152 Resp: 86664
Ion Ratio Lower Upper
152 100
115 58.9 43.4 130.1
150 157.6 0.0 346.8

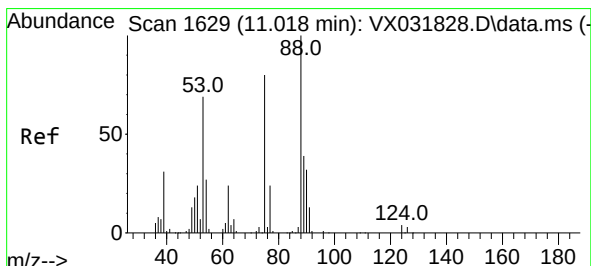
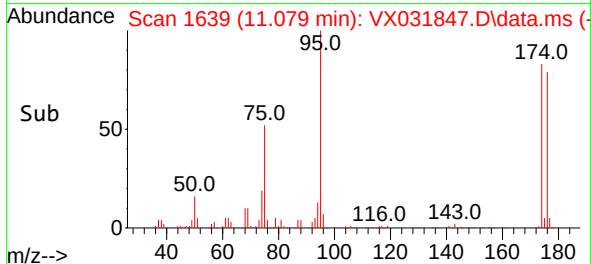
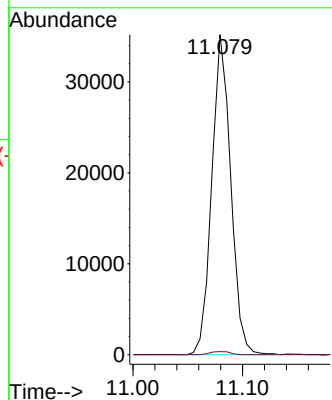
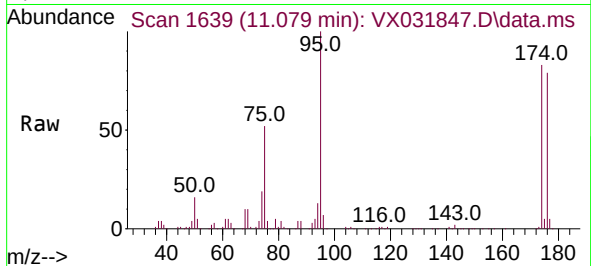




#76
1,2,3-Trichloropropane
Concen: 26.836 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42314
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.124 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031847.D
Acq: 03 Oct 2022 20:35

Tgt Ion: 75 Resp: 42314
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

