

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
 Data File : VX044616.D
 Acq On : 08 Jan 2025 10:31
 Operator : JC/MD
 Sample : VX0108MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 00:24:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 08 03:57:12 2025
 Response via : Initial Calibration

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

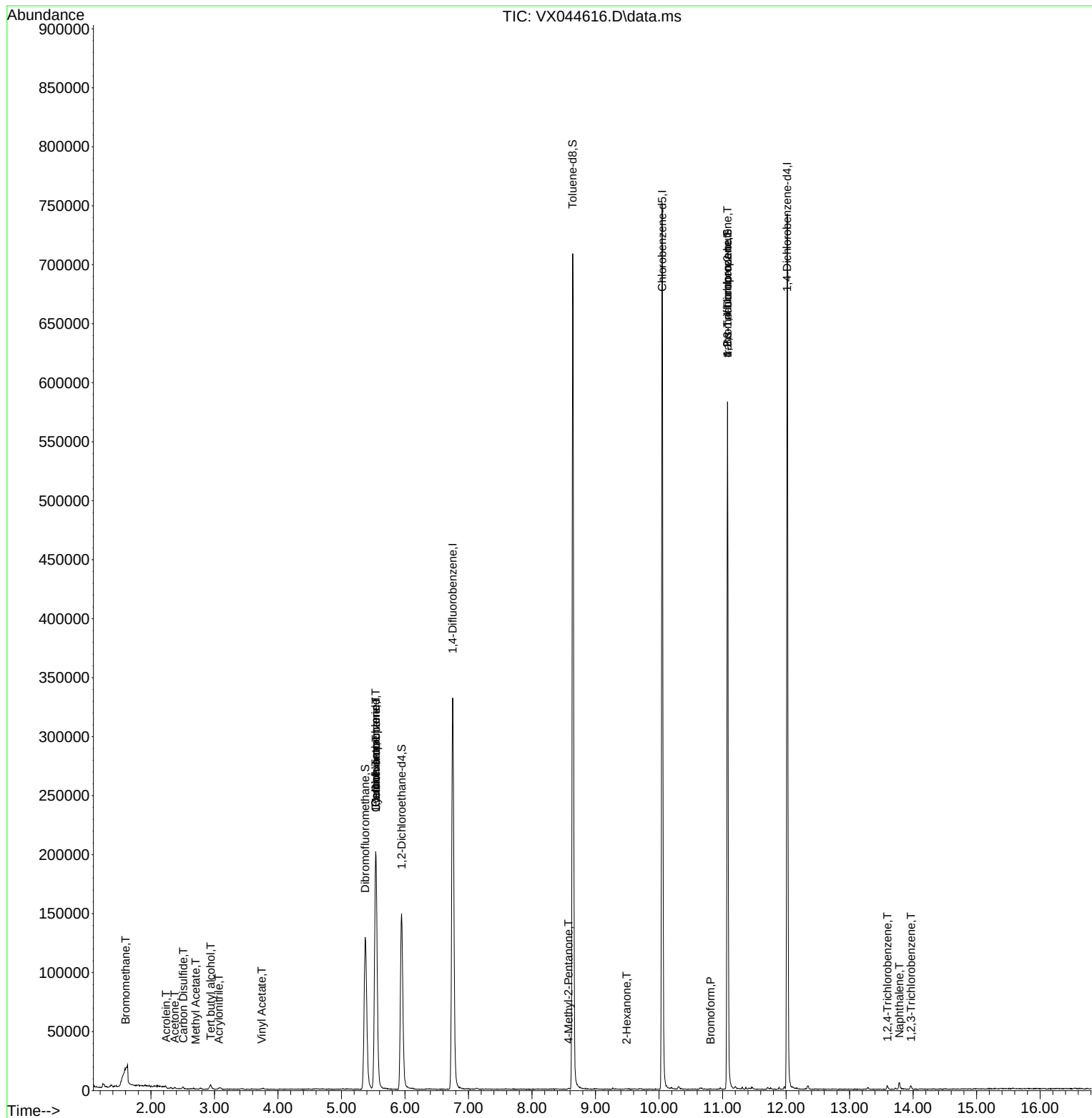
Internal Standards						
1) Pentafluorobenzene	5.538	168	179403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	331125	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	312334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	140885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	152204	52.617	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.240%	
35) Dibromofluoromethane	5.373	113	112676	49.625	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.240%	
50) Toluene-d8	8.641	98	407495	52.541	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.080%	
62) 4-Bromofluorobenzene	11.079	95	153494	56.071	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 112.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	562	0.447	ug/l	91
11) Tert butyl alcohol	2.940	59	2284	6.412	ug/l #	72
13) Acrolein	2.239	56	408	0.866	ug/l #	74
15) Acrylonitrile	3.069	53	610	0.595	ug/l #	83
16) Acetone	2.374	43	1146	1.257	ug/l #	70
17) Carbon Disulfide	2.508	76	1939	0.467	ug/l #	75
18) Methyl Acetate	2.703	43	710	0.264	ug/l #	51
23) Vinyl Acetate	3.745	43	1396	0.252	ug/l #	73
31) Cyclohexane	5.544	56	4912	1.496	ug/l #	28
36) 1,1-Dichloropropene	5.544	75	16128	5.493	ug/l #	51
38) Carbon Tetrachloride	5.538	117	20501	6.293	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	843	0.291	ug/l #	85
59) 2-Hexanone	9.488	43	449	0.219	ug/l	67
71) Bromoform	10.811	173	87	0.669	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	85198	30.167	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	85198	91.829	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.597	180	1144	0.420	ug/l	93
95) Naphthalene	13.786	128	5176	0.589	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.969	180	914	0.328	ug/l	67

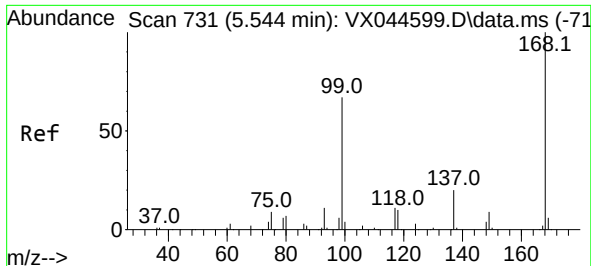
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010825\
Data File : VX044616.D
Acq On : 08 Jan 2025 10:31
Operator : JC/MD
Sample : VX0108MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

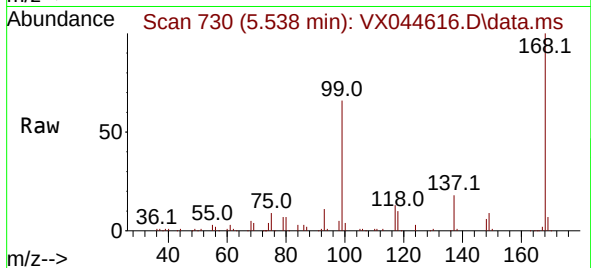
Quant Time: Jan 09 00:24:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010725W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 08 03:57:12 2025
Response via : Initial Calibration



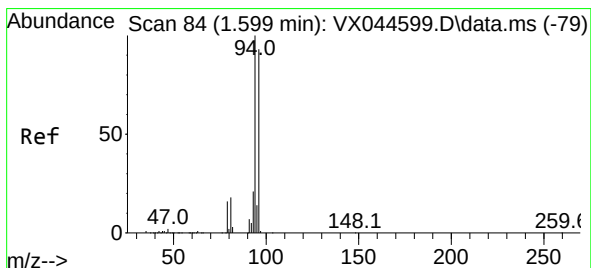
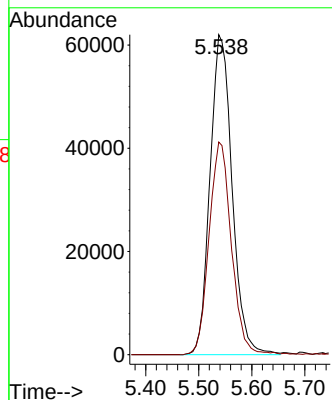
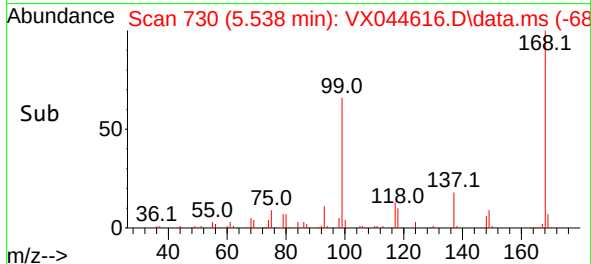


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :

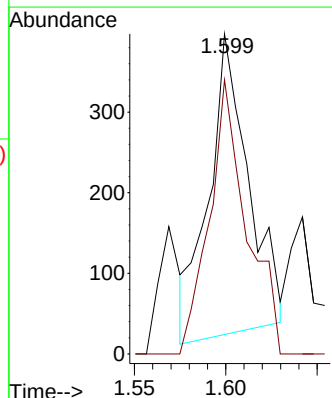
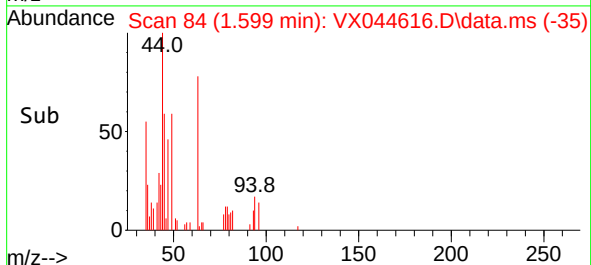
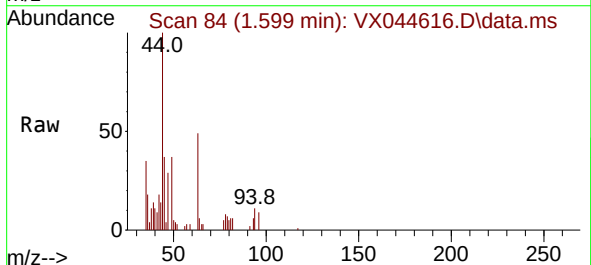


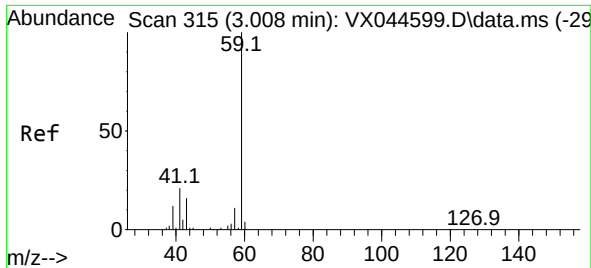
Tgt Ion:168 Resp: 179403
Ion Ratio Lower Upper
168 100
99 66.5 53.5 80.3



#5
Bromomethane
Concen: 0.447 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

Tgt Ion: 94 Resp: 562
Ion Ratio Lower Upper
94 100
96 102.1 74.6 112.0

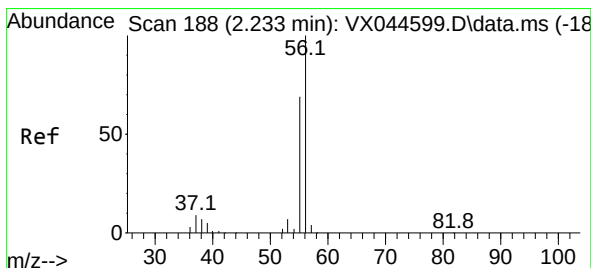
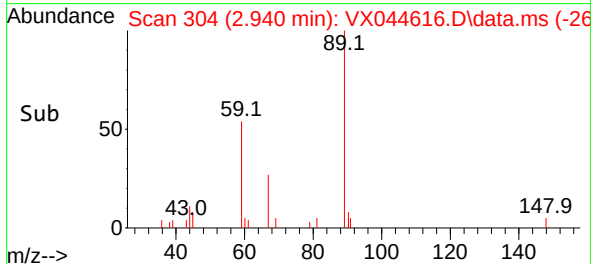
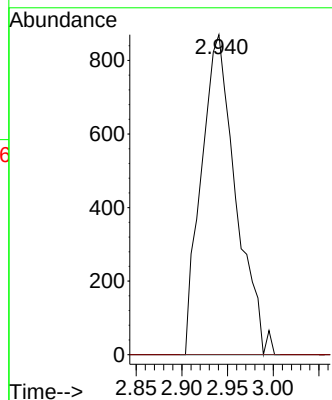
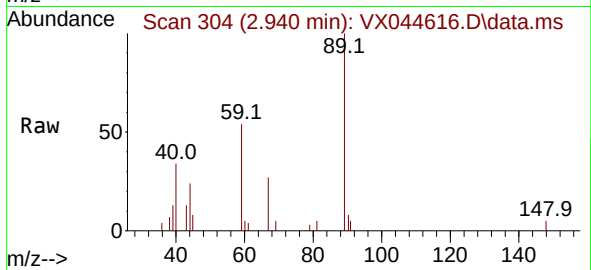




#11
Tert butyl alcohol
Concen: 6.412 ug/l
RT: 2.940 min Scan# 30
Delta R.T. -0.067 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

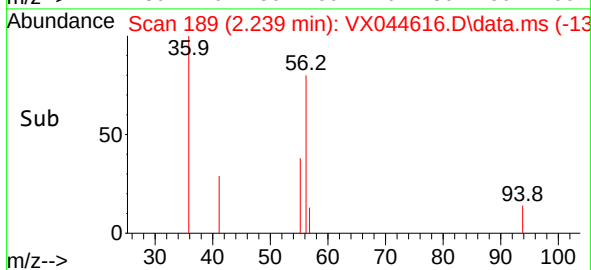
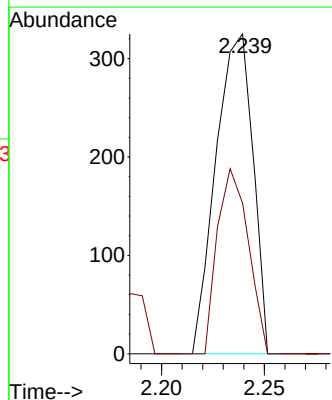
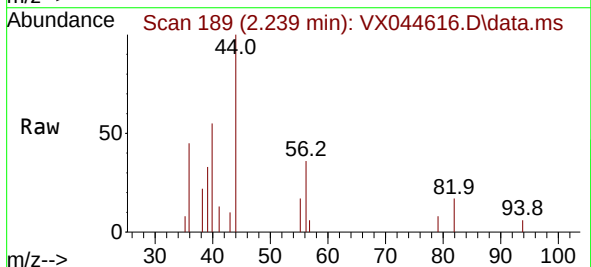
Instrument :
MSVOA_X
ClientSampleId :

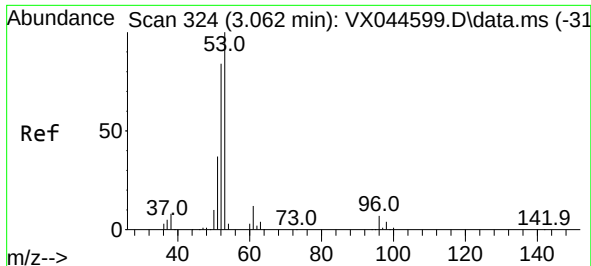
Tgt Ion: 59 Resp: 2284
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.866 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

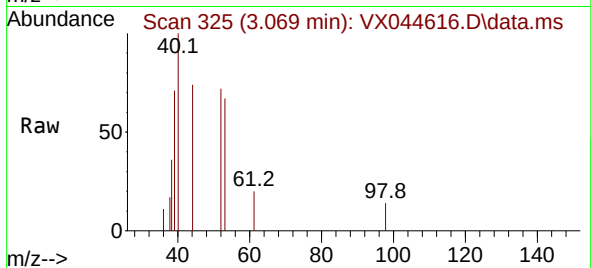
Tgt Ion: 56 Resp: 408
Ion Ratio Lower Upper
56 100
55 48.3 55.8 83.8#



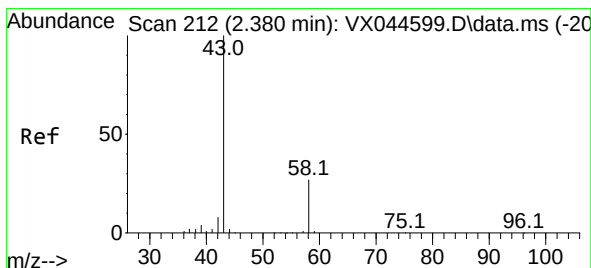
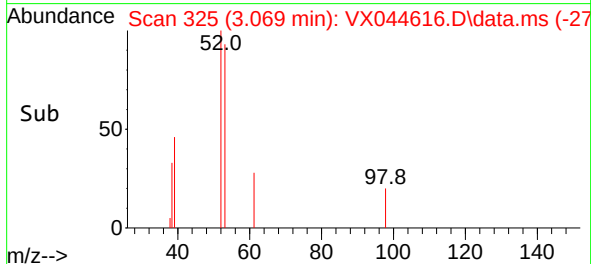
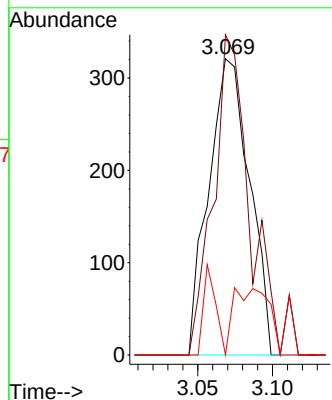


#15
Acrylonitrile
Concen: 0.595 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :

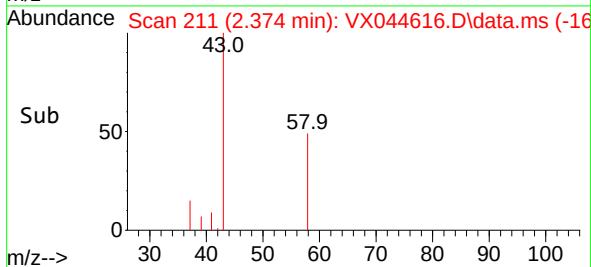
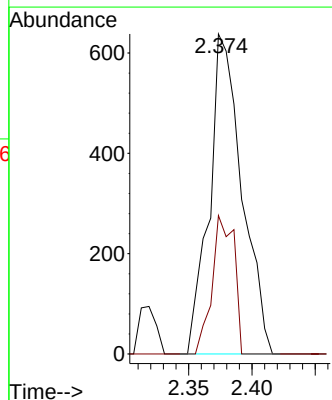
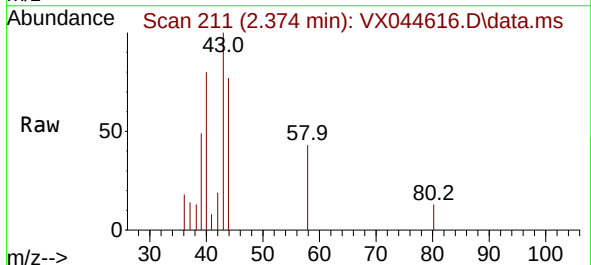


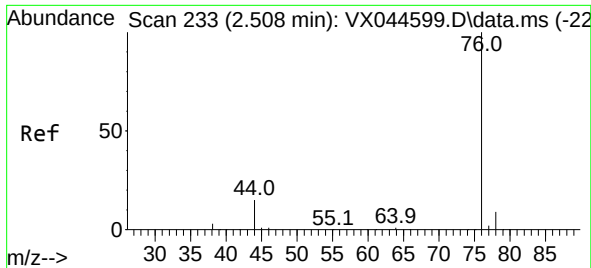
Tgt Ion: 53 Resp: 610
Ion Ratio Lower Upper
53 100
52 94.4 67.0 100.6
51 19.5 29.4 44.0#



#16
Acetone
Concen: 1.257 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

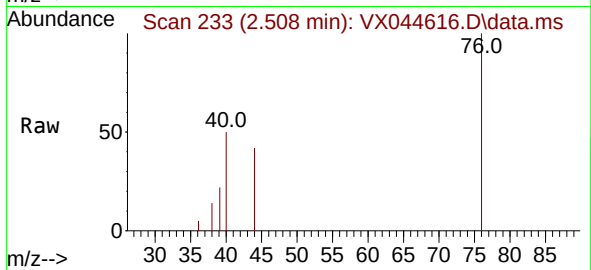
Tgt Ion: 43 Resp: 1146
Ion Ratio Lower Upper
43 100
58 43.3 22.0 33.0#



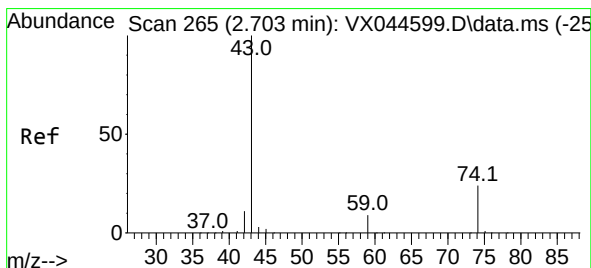
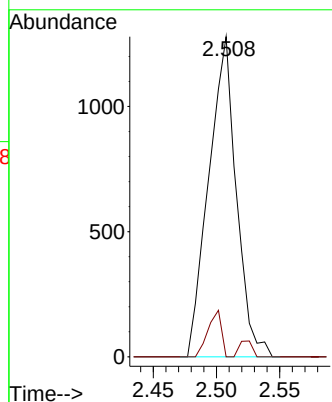
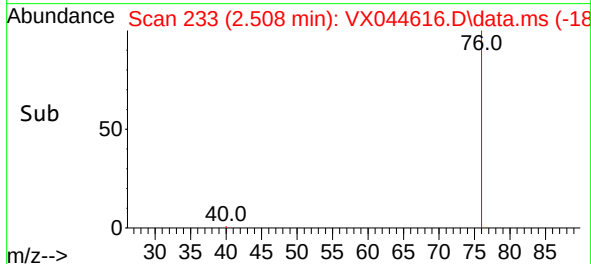


#17
Carbon Disulfide
Concen: 0.467 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :

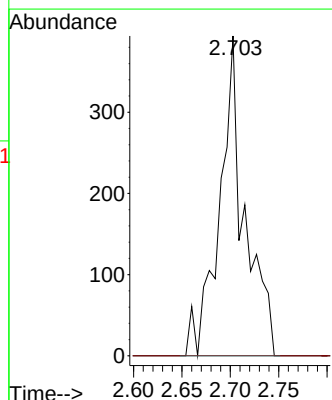
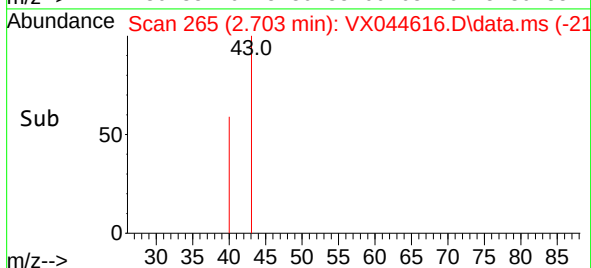
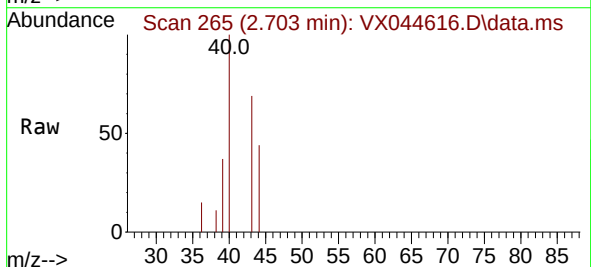


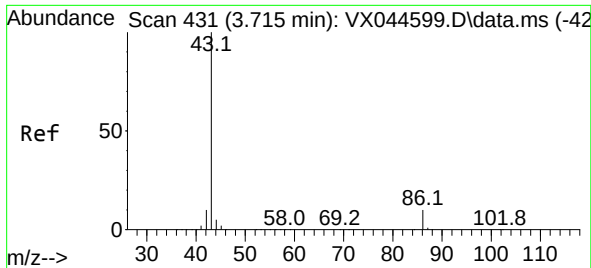
Tgt Ion: 76 Resp: 1939
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.264 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
74 0.0 19.3 28.9#

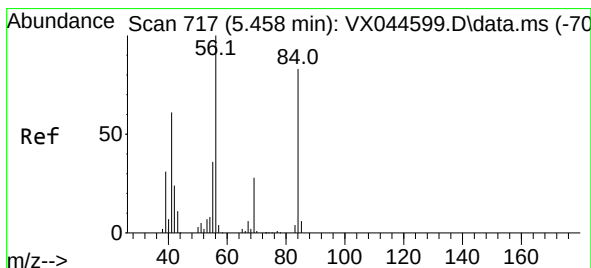
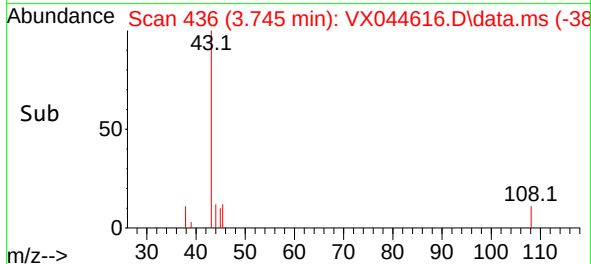
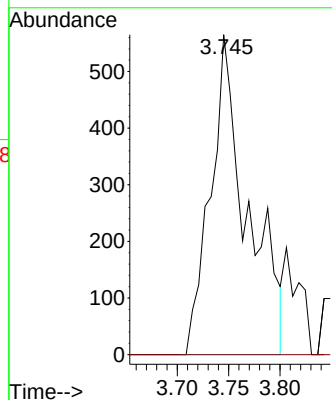
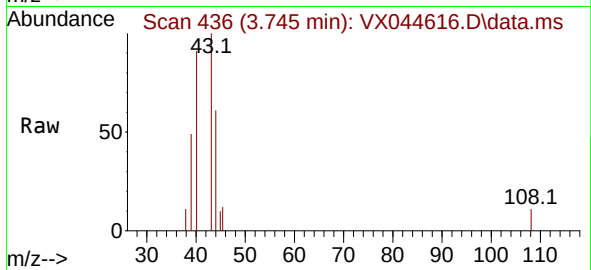




#23
 Vinyl Acetate
 Concen: 0.252 ug/l
 RT: 3.745 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: VX044616.D
 Acq: 08 Jan 2025 10:31

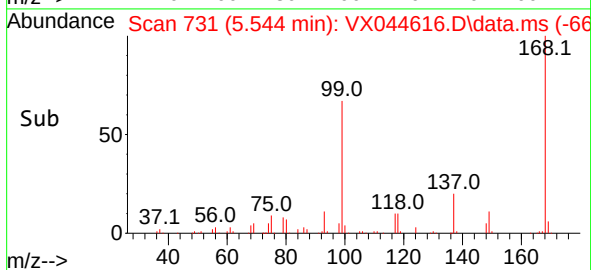
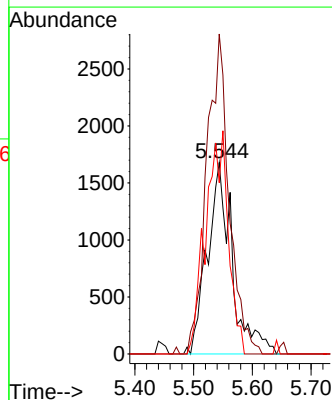
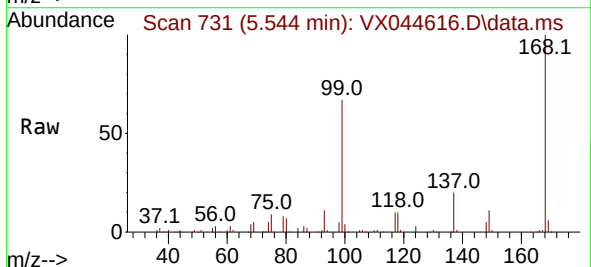
Instrument :
 MSVOA_X
 ClientSampleId :

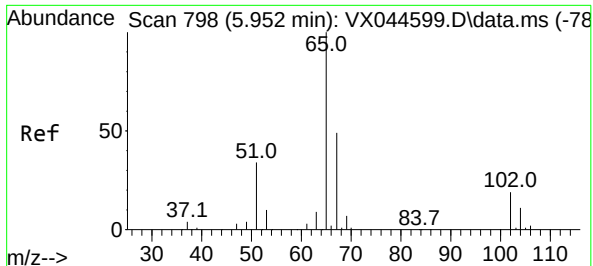
Tgt Ion: 43 Resp: 1396
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.1 12.1#



#31
 Cyclohexane
 Concen: 1.496 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.085 min
 Lab File: VX044616.D
 Acq: 08 Jan 2025 10:31

Tgt Ion: 56 Resp: 4912
 Ion Ratio Lower Upper
 56 100
 69 167.2 22.2 33.4#
 84 89.5 66.6 100.0





#33

1,2-Dichloroethane-d4

Concen: 52.617 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044616.D

Acq: 08 Jan 2025 10:31

Instrument :

MSVOA_X

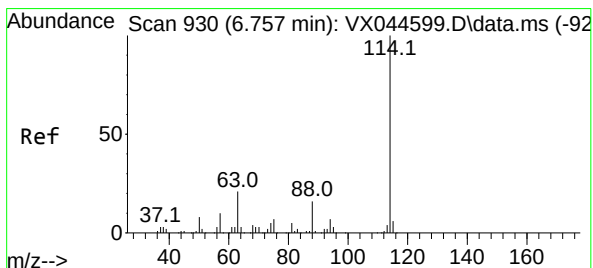
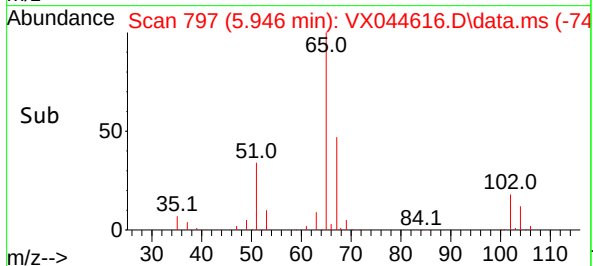
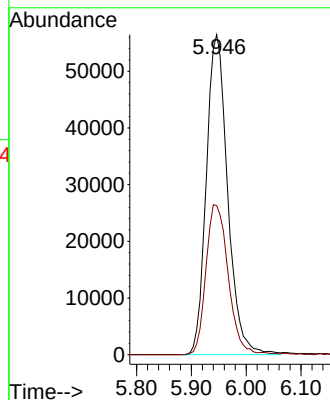
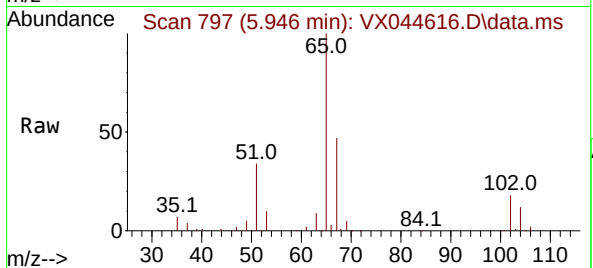
ClientSampleId :

Tgt Ion: 65 Resp: 152204

Ion Ratio Lower Upper

65 100

67 49.1 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044616.D

Acq: 08 Jan 2025 10:31

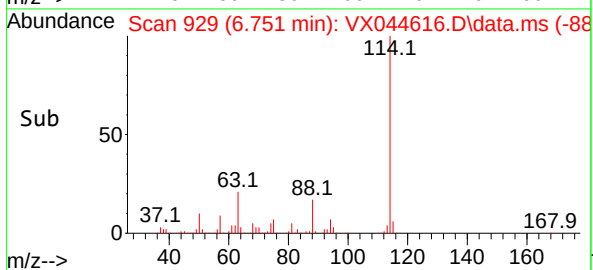
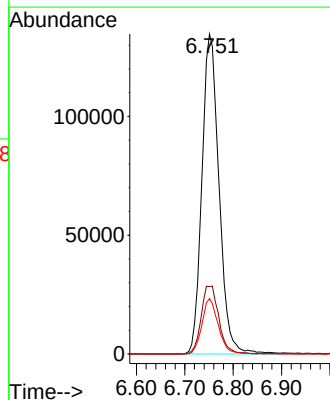
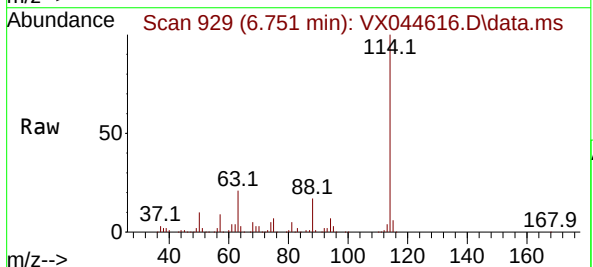
Tgt Ion: 114 Resp: 331125

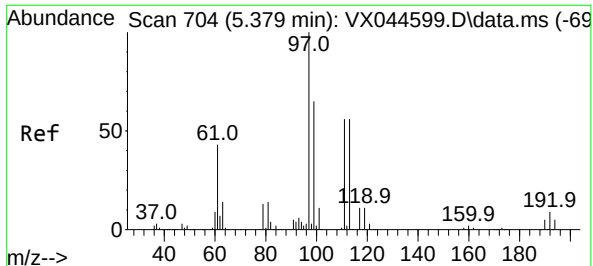
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

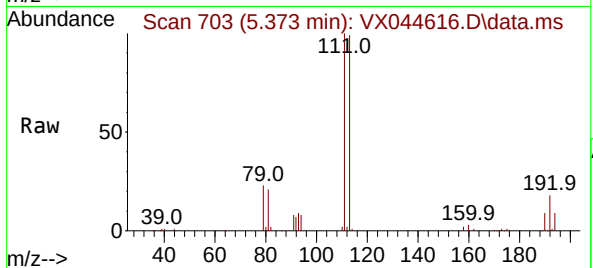
88 17.3 0.0 32.6



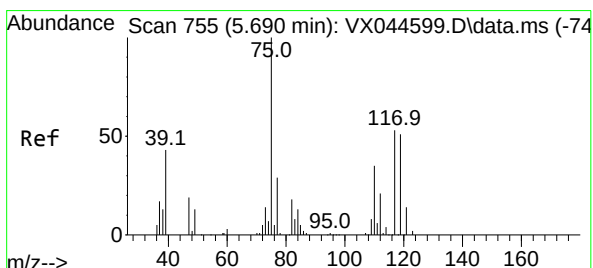
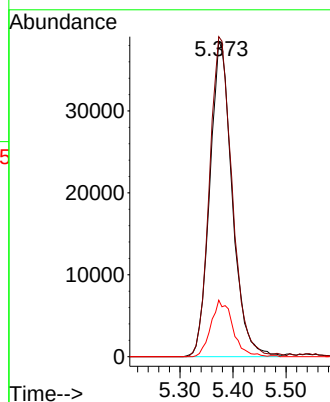
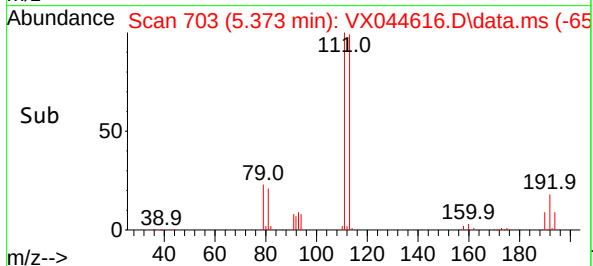


#35
Dibromofluoromethane
Concen: 49.625 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

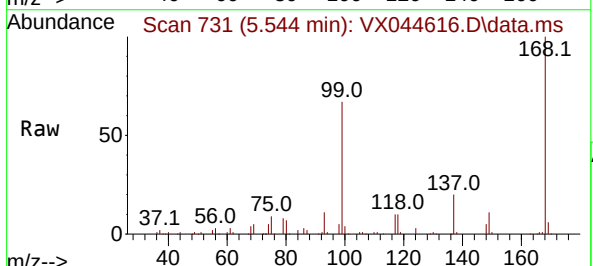
Instrument :
MSVOA_X
ClientSampleId :



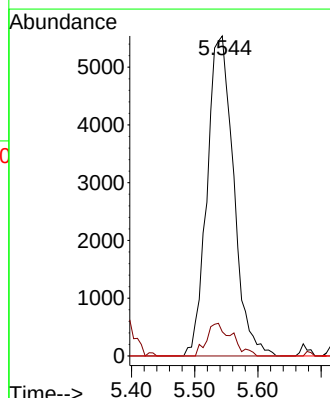
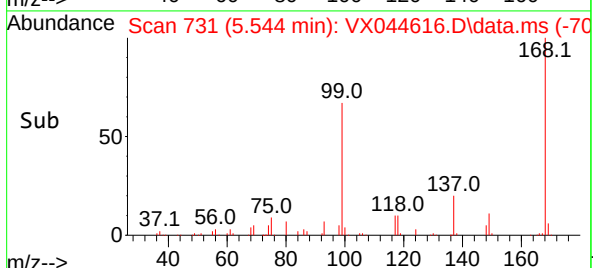
Tgt Ion:113 Resp: 112676
Ion Ratio Lower Upper
113 100
111 102.7 83.3 124.9
192 17.5 14.3 21.5

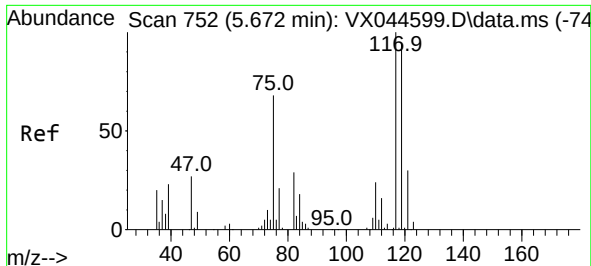


#36
1,1-Dichloropropene
Concen: 5.493 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31



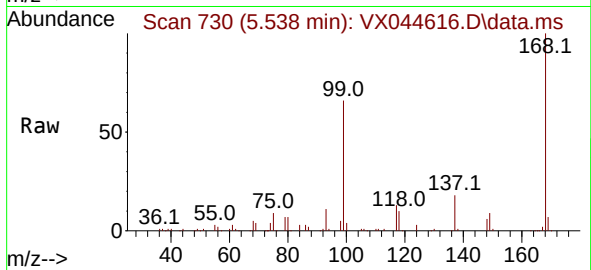
Tgt Ion: 75 Resp: 16128
Ion Ratio Lower Upper
75 100
110 9.8 17.3 51.9#
77 0.0 24.7 37.1#



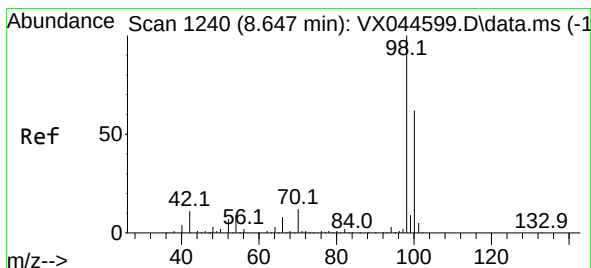
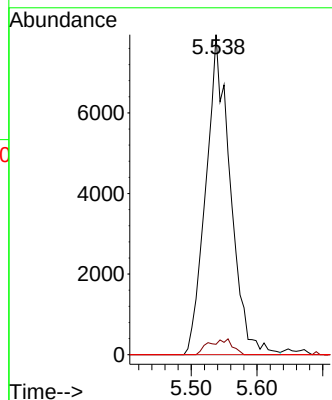
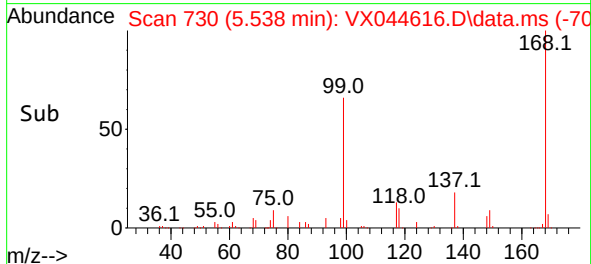


#38
Carbon Tetrachloride
Concen: 6.293 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :

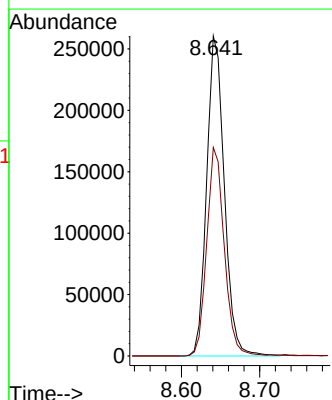
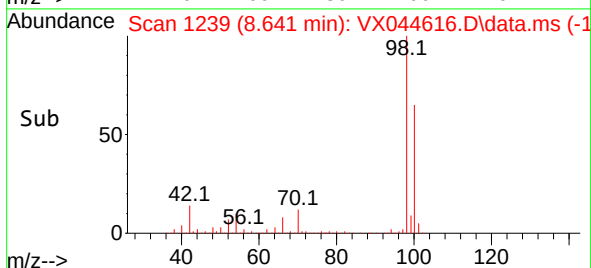
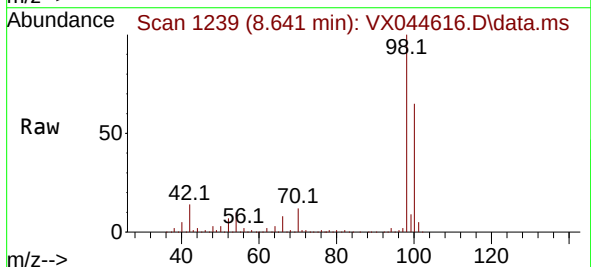


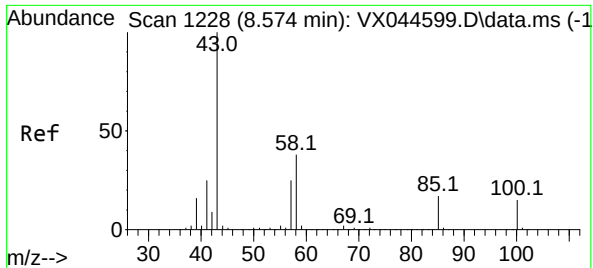
Tgt Ion:117 Resp: 20501
Ion Ratio Lower Upper
117 100
119 3.2 74.5 111.7#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 52.541 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

Tgt Ion: 98 Resp: 407495
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

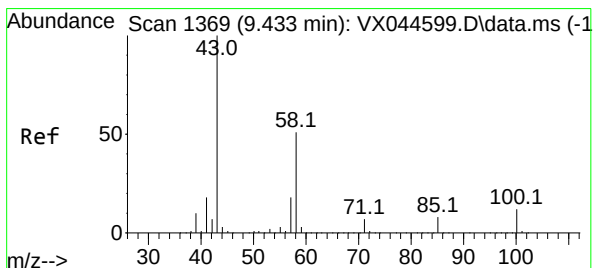
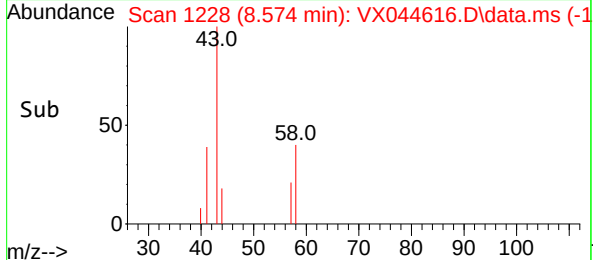
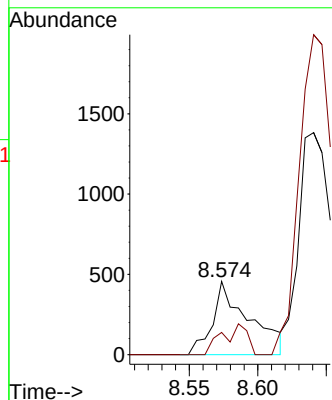
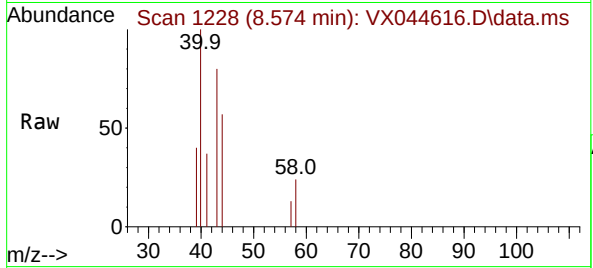




#51
4-Methyl-2-Pentanone
Concen: 0.291 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

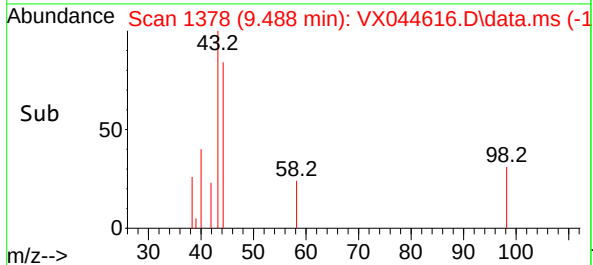
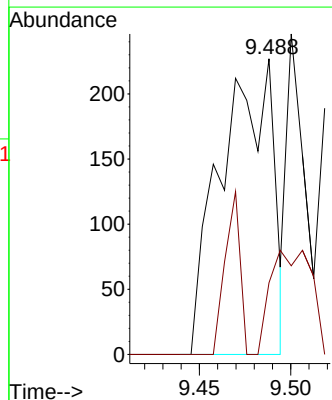
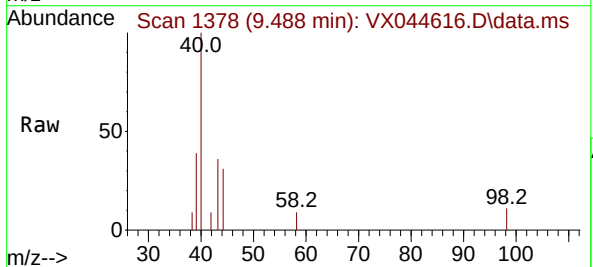
Instrument :
MSVOA_X
ClientSampleId :

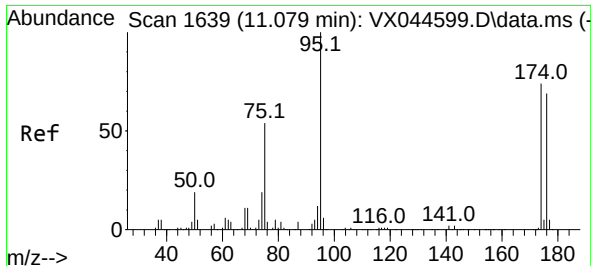
Tgt Ion: 43 Resp: 843
Ion Ratio Lower Upper
43 100
58 28.6 30.0 45.0#



#59
2-Hexanone
Concen: 0.219 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
58 27.8 25.4 76.4

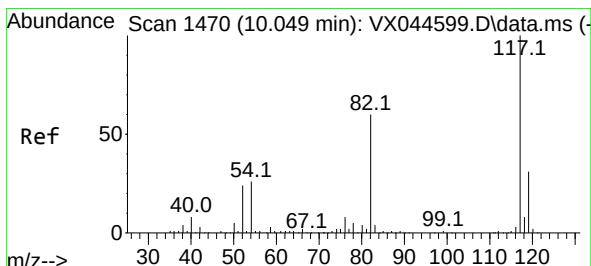
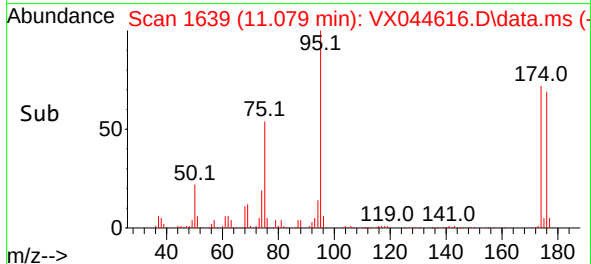
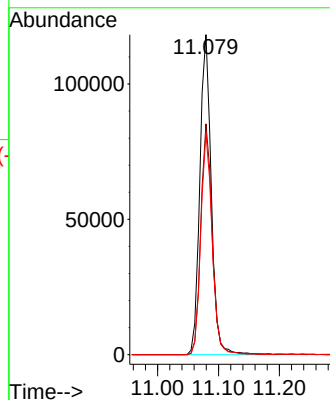
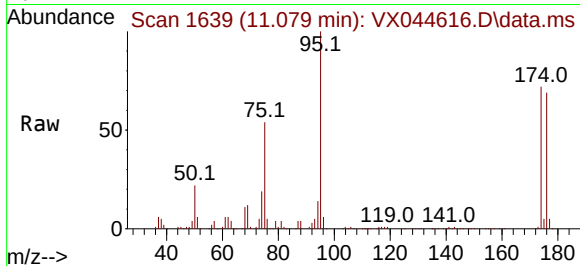




#62
4-Bromofluorobenzene
Concen: 56.071 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

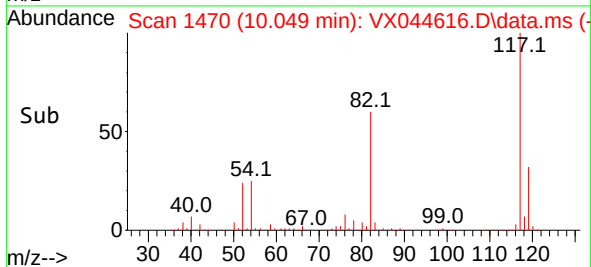
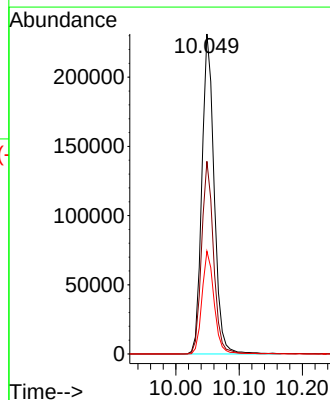
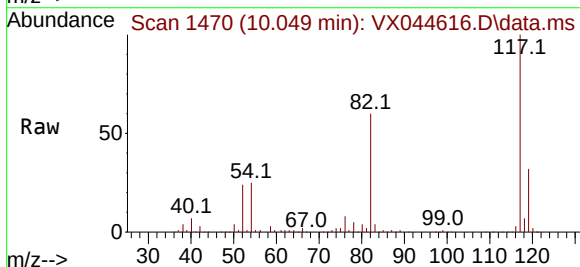
Instrument :
MSVOA_X
ClientSampleId :

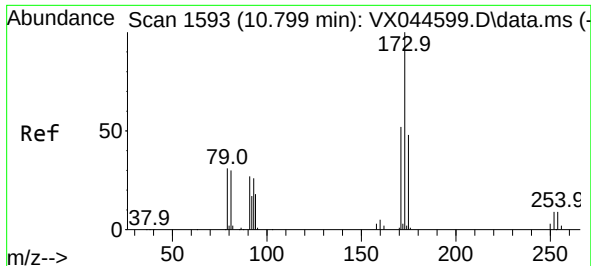
Tgt Ion: 95 Resp: 153494
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.8
176 69.1 0.0 139.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

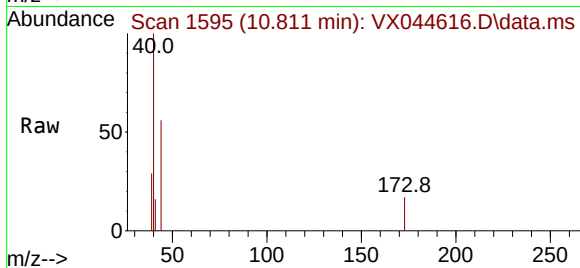
Tgt Ion: 117 Resp: 312334
Ion Ratio Lower Upper
117 100
82 60.2 47.8 71.6
119 32.1 25.0 37.6



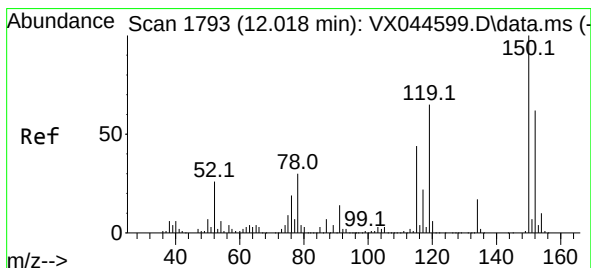
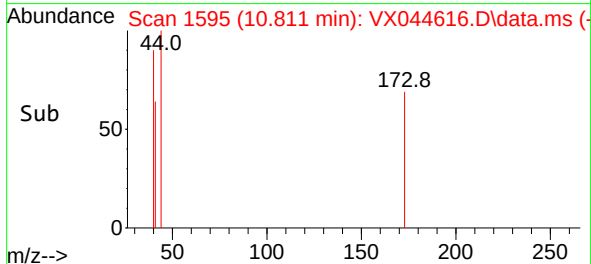
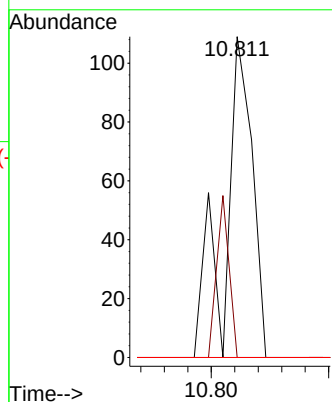


#71
Bromoform
Concen: 0.669 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. 0.012 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

Instrument :
MSVOA_X
ClientSampleId :

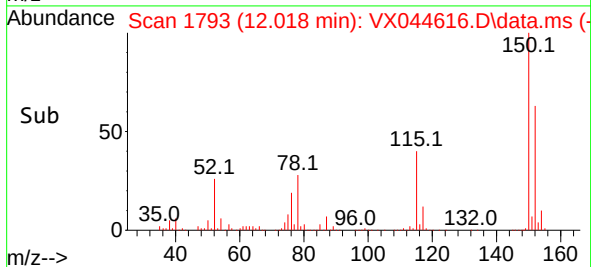
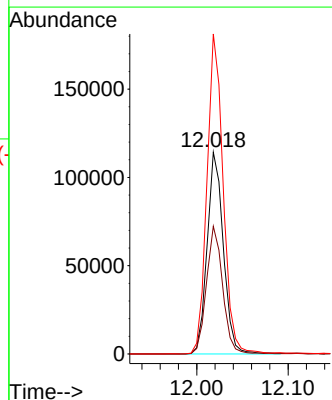
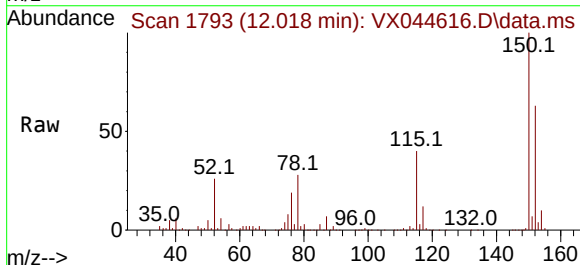


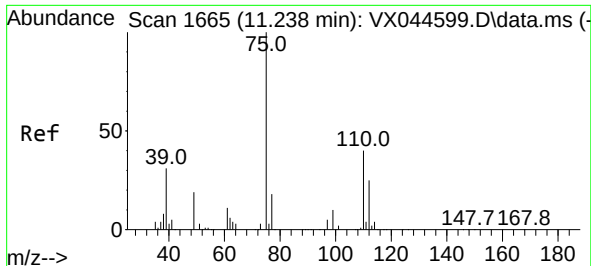
Tgt Ion:173 Resp: 87
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

Tgt Ion:152 Resp: 140885
Ion Ratio Lower Upper
152 100
115 63.2 44.4 133.1
150 157.6 0.0 355.0

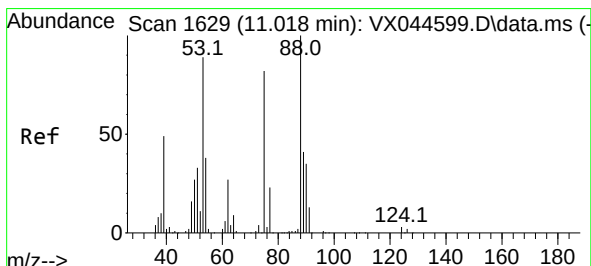
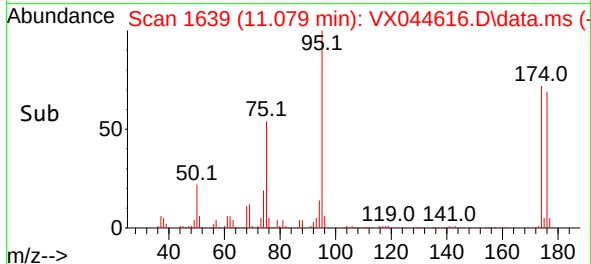
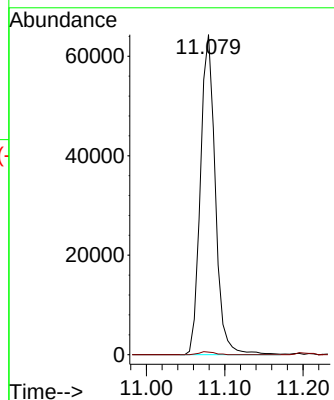
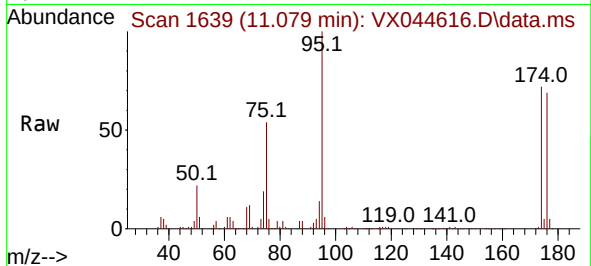




#76
1,2,3-Trichloropropane
Concen: 30.167 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

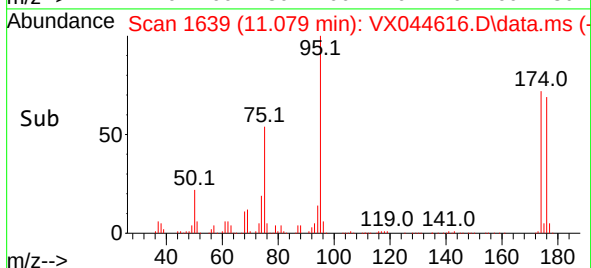
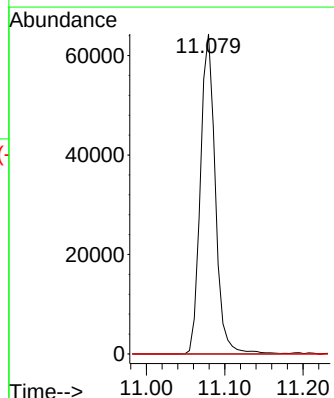
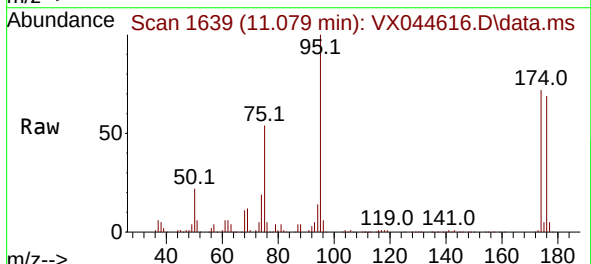
Instrument :
MSVOA_X
ClientSampleId :

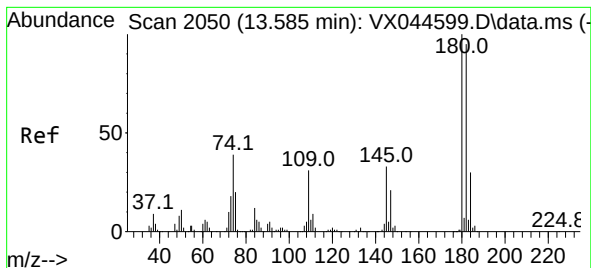
Tgt Ion: 75 Resp: 85198
Ion Ratio Lower Upper
75 100
77 1.0 21.1 63.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.829 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044616.D
Acq: 08 Jan 2025 10:31

Tgt Ion: 75 Resp: 85198
Ion Ratio Lower Upper
75 100
53 0.0 92.7 139.1#
89 0.0 38.3 57.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.420 ug/l

RT: 13.597 min Scan# 2050

Delta R.T. 0.012 min

Lab File: VX044616.D

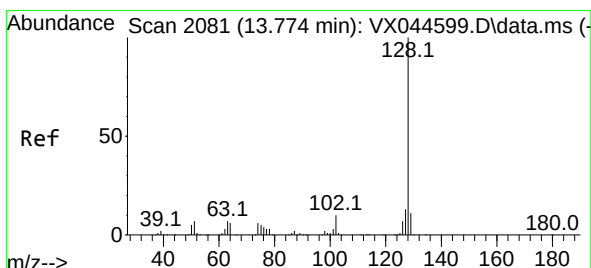
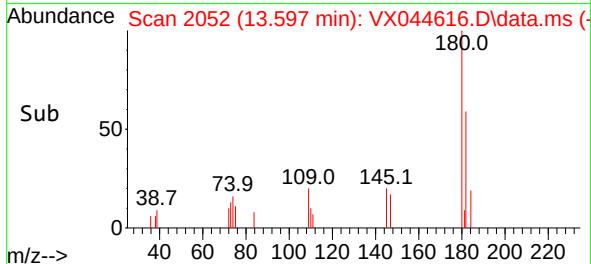
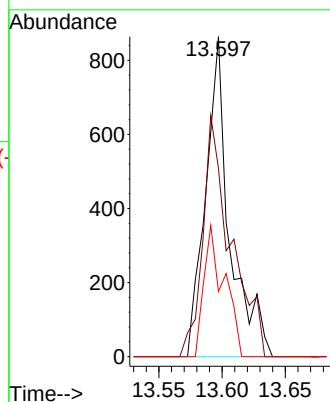
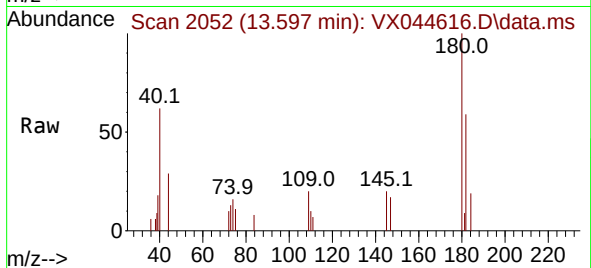
Acq: 08 Jan 2025 10:31

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	1144
Ion	Ratio	Lower Upper
180	100	
182	87.8	47.9 143.6
145	34.5	16.3 48.9



#95

Naphthalene

Concen: 0.589 ug/l

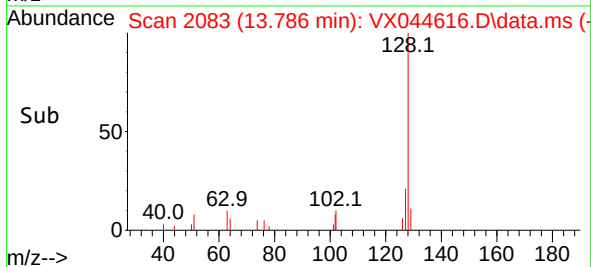
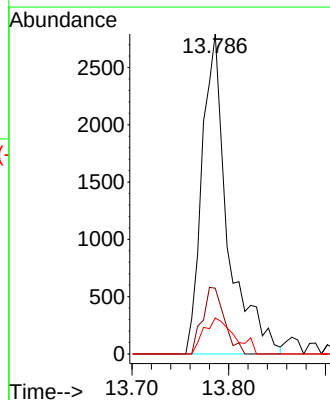
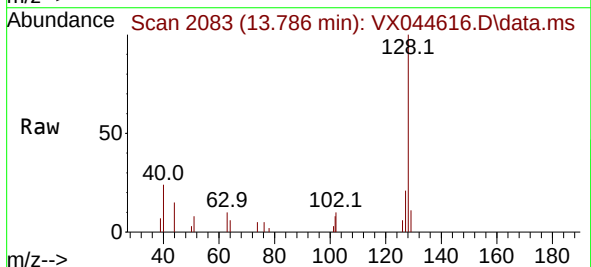
RT: 13.786 min Scan# 2083

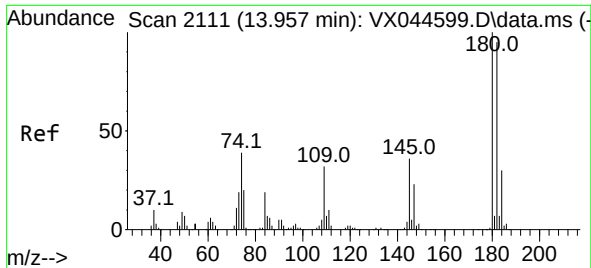
Delta R.T. 0.012 min

Lab File: VX044616.D

Acq: 08 Jan 2025 10:31

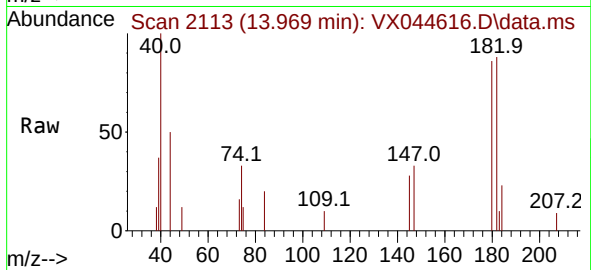
Tgt Ion:128	Resp:	5176
Ion	Ratio	Lower Upper
128	100	
127	17.6	10.5 15.7#
129	13.3	8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.328 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.012 min
 Lab File: VX044616.D
 Acq: 08 Jan 2025 10:31

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	914
Ion	Ratio	Lower	Upper
180	100		
182	129.2	47.6	142.9
145	52.1	17.6	52.9

