Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
Data File : VX045835.D
Acq On : 17 Apr 2025 17:49
Operator : JC/MD
Sample : Q1818-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 18 03:42:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	39688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	58306	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	31029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	7323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	9102	12.541	ug/l	0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 25.080%#			
35) Dibromofluoromethane	5.397	113	11773	28.459	ug/l	0.02
Spiked Amount 50.000	Range 75 - 124		Recovery = 56.920%#			
50) Toluene-d8	8.647	98	66246	45.880	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.760%			
62) 4-Bromofluorobenzene	11.079	95	10681	20.308	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 40.620%#			
Target Compounds						Qvalue
6) Chloroethane	1.654	64	77	0.260	ug/l #	42
13) Acrolein	2.239	56	30	0.223	ug/l #	15
16) Acetone	2.392	43	1272	4.268	ug/l	93
30) Chloroform	5.105	83	353	0.341	ug/l #	76
31) Cyclohexane	5.556	56	1182	1.328	ug/l #	52
36) 1,1-Dichloropropene	5.562	75	3965	7.099	ug/l #	49
38) Carbon Tetrachloride	5.550	117	4737	7.847	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	399	0.564	ug/l #	1
59) 2-Hexanone	9.531	43	184	0.351	ug/l #	28
74) N-amyl acetate	10.866	43	343	1.222	ug/l #	69
76) 1,2,3-Trichloropropane	11.079	75	6453	36.126	ug/l #	36
78) n-propylbenzene	11.488	91	380	0.562	ug/l #	54
79) 2-Chlorotoluene	11.488	91	380	0.880	ug/l #	43
81) trans-1,4-Dichloro-2-b...	11.079	75	6453	122.607	ug/l #	1
82) 4-Chlorotoluene	11.488	91	380	0.789	ug/l #	48
83) tert-Butylbenzene	11.963	119	345	0.718	ug/l #	1
85) sec-Butylbenzene	11.969	105	555	0.941	ug/l	97
86) p-Isopropyltoluene	12.006	119	4107	8.446	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	13.176	75	180	4.177	ug/l #	9

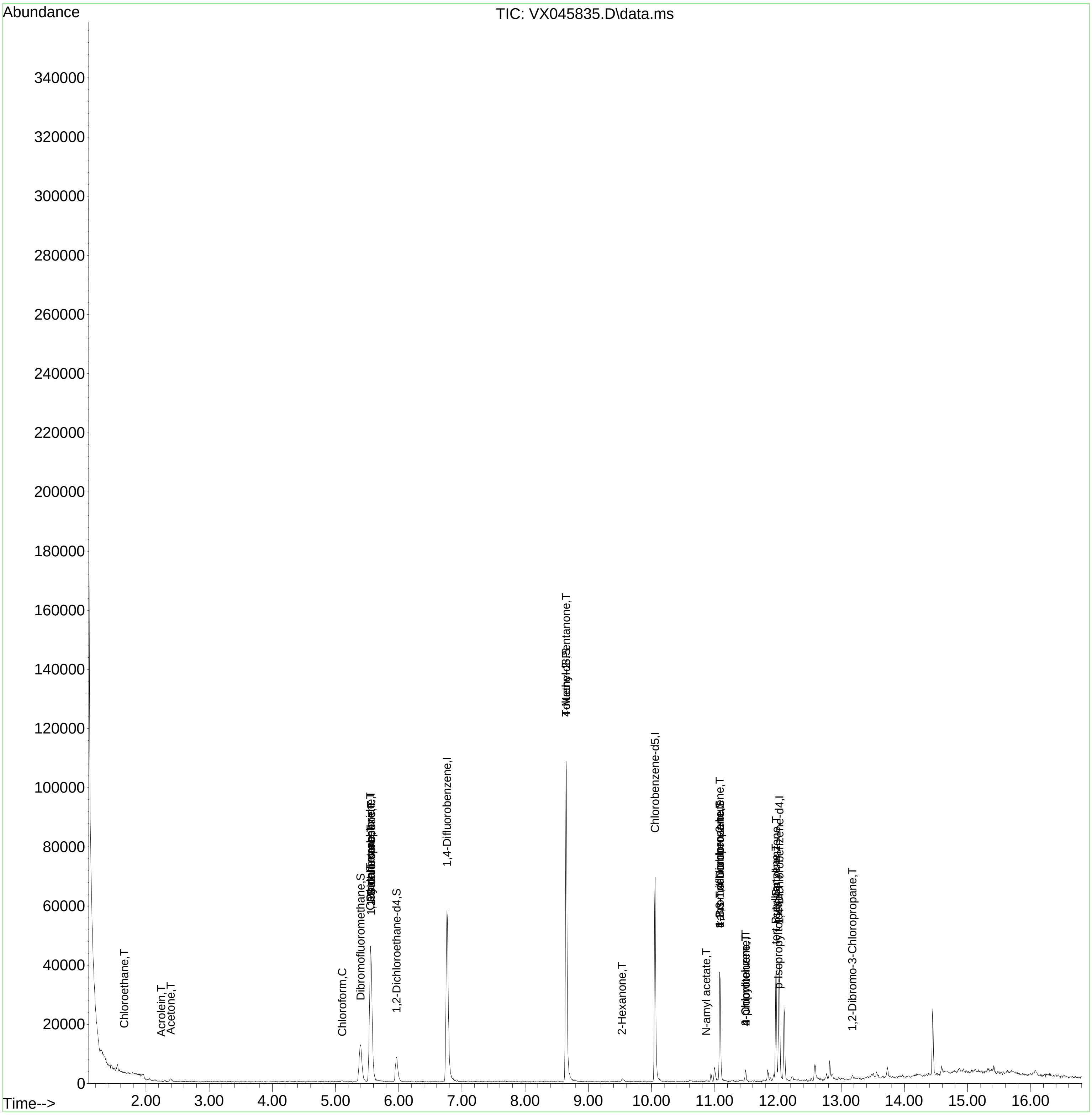
(#) = qualifier out of range (m) = manual integration (+) = signals summed

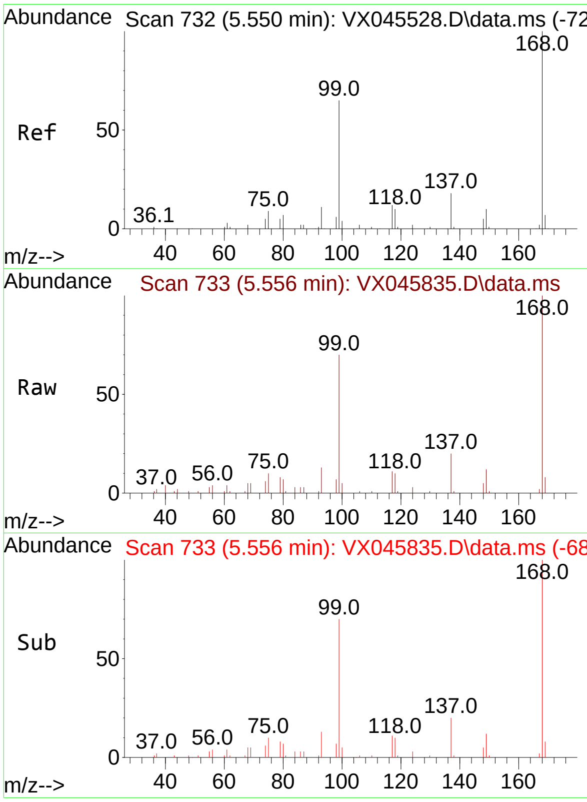
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
Data File : VX045835.D
Acq On : 17 Apr 2025 17:49
Operator : JC/MD
Sample : Q1818-05 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 18 03:42:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



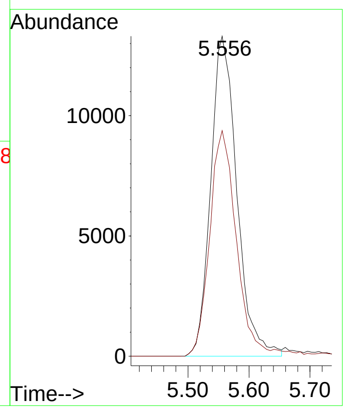


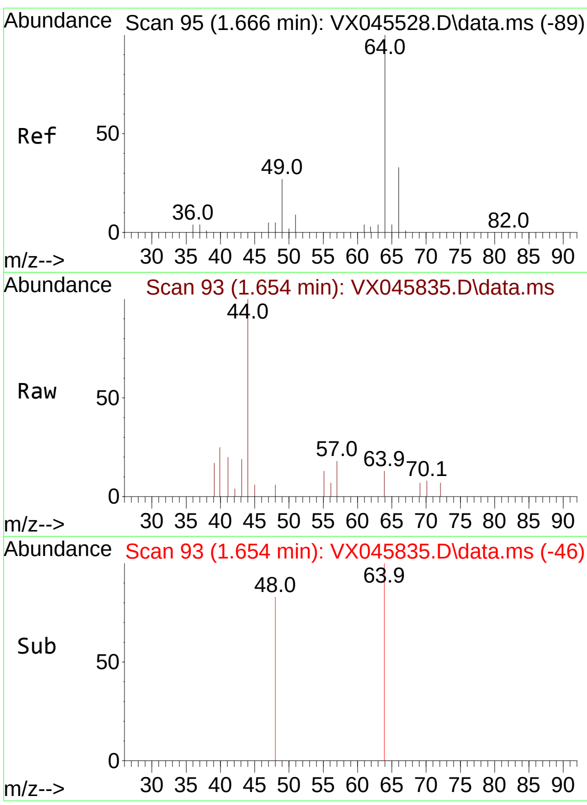
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min   Scan# 7
Delta R.T.   0.006 min
Lab File: VX045835.D
Acq: 17 Apr 2025   17:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 39688

Ion	Ratio	Lower	Upper
168	100		
99	70.5	52.3	78.5

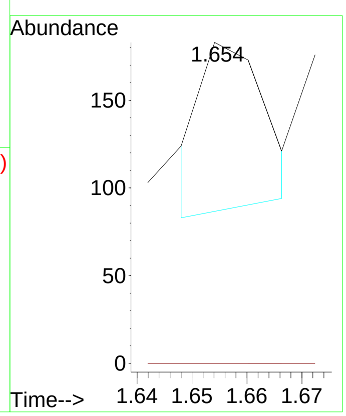


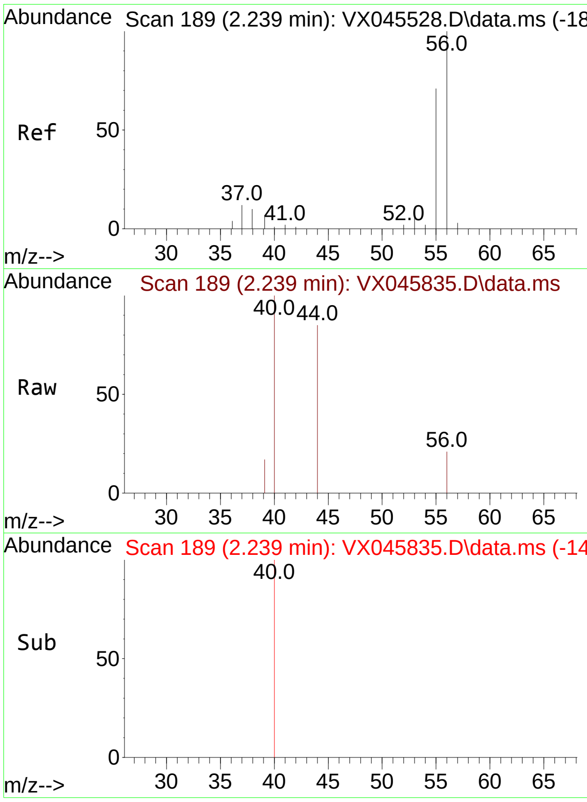


#6
Chloroethane
Concen: 0.260 ug/l
RT: 1.654 min   Scan# 93
Delta R.T.   -0.012 min
Lab File: VX045835.D
Acq: 17 Apr 2025   17:49

Tgt Ion: 64 Resp: 77

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.3	39.5#



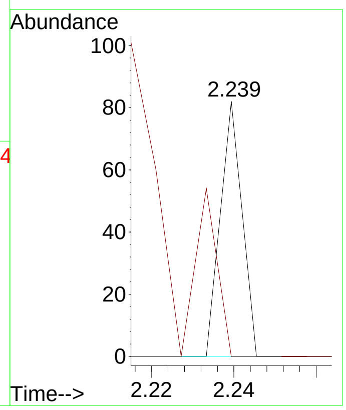


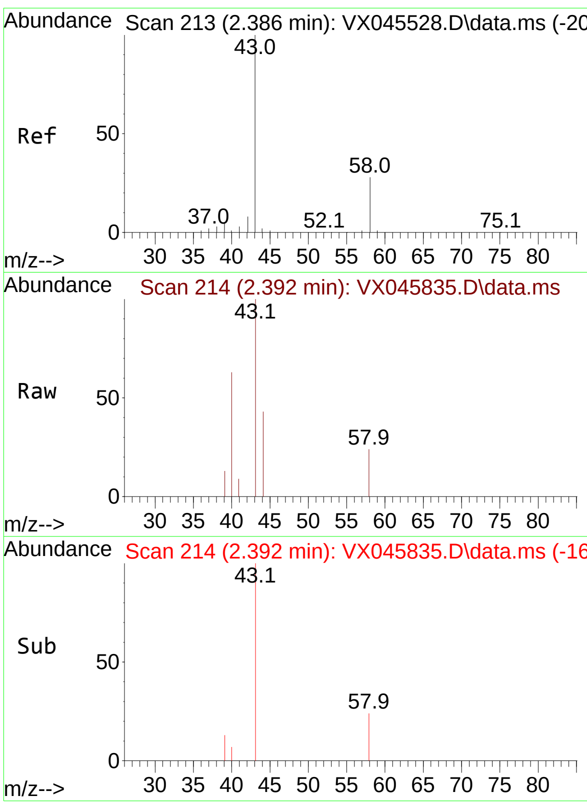
#13
Acrolein
Concen: 0.223 ug/l
RT: 2.239 min   Scan# 1
Delta R.T.   -0.000 min
Lab File: VX045835.D
Acq: 17 Apr 2025   17:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 30

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.2#

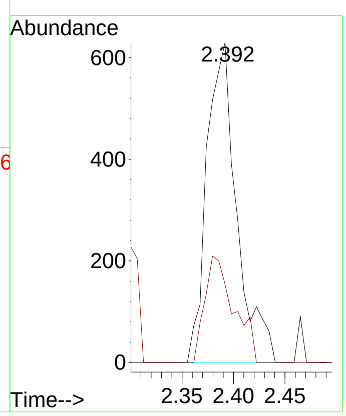


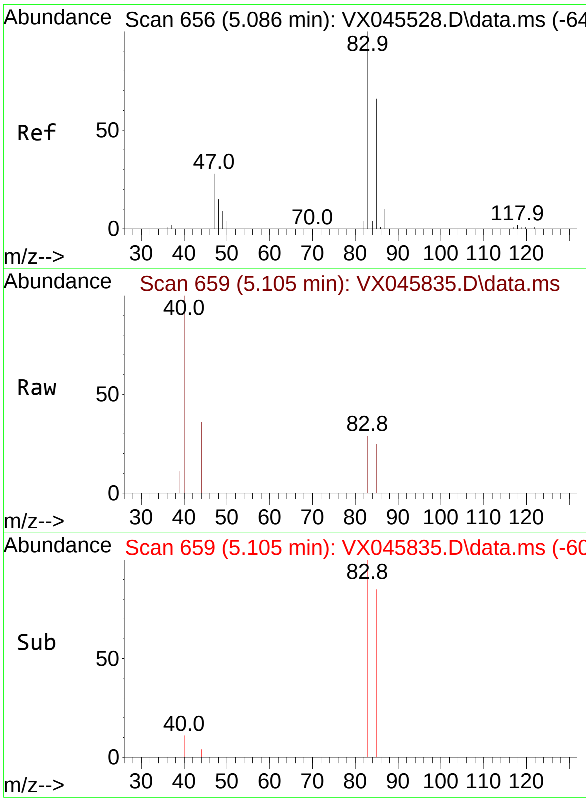


#16
Acetone
Concen: 4.268 ug/l
RT: 2.392 min   Scan# 214
Delta R.T.   0.006 min
Lab File: VX045835.D
Acq: 17 Apr 2025   17:49

Tgt Ion: 43 Resp: 1272

Ion	Ratio	Lower	Upper
43	100		
58	24.4	22.3	33.5



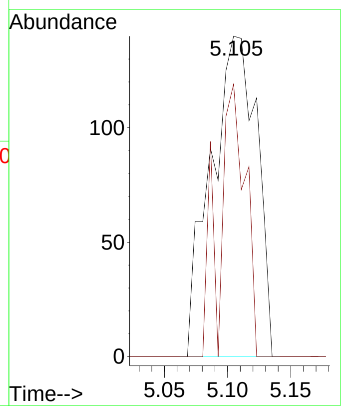


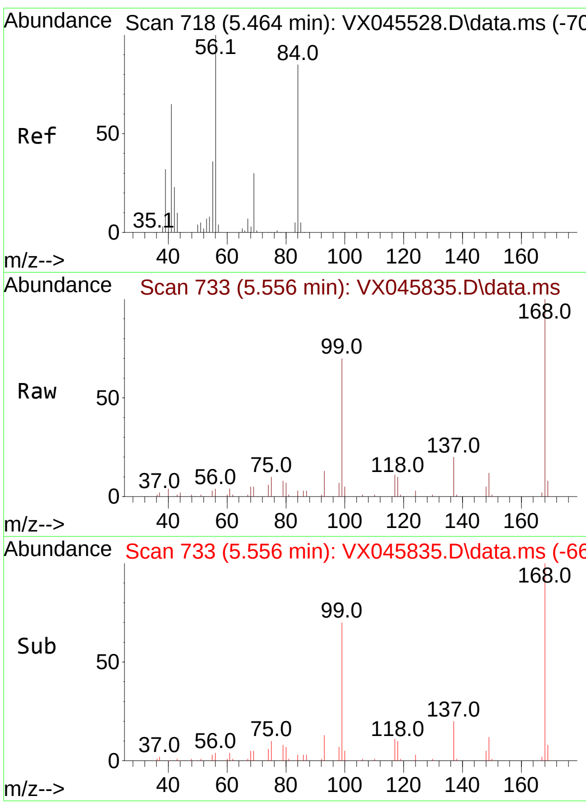
#30
Chloroform
Concen: 0.341 ug/l
RT: 5.105 min   Scan# 6
Delta R.T.   0.018 min
Lab File: VX045835.D
Acq: 17 Apr 2025   17:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 83 Resp: 353

Ion	Ratio	Lower	Upper
83	100		
85	85.0	52.8	79.2#

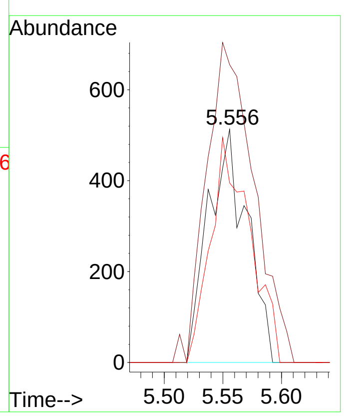


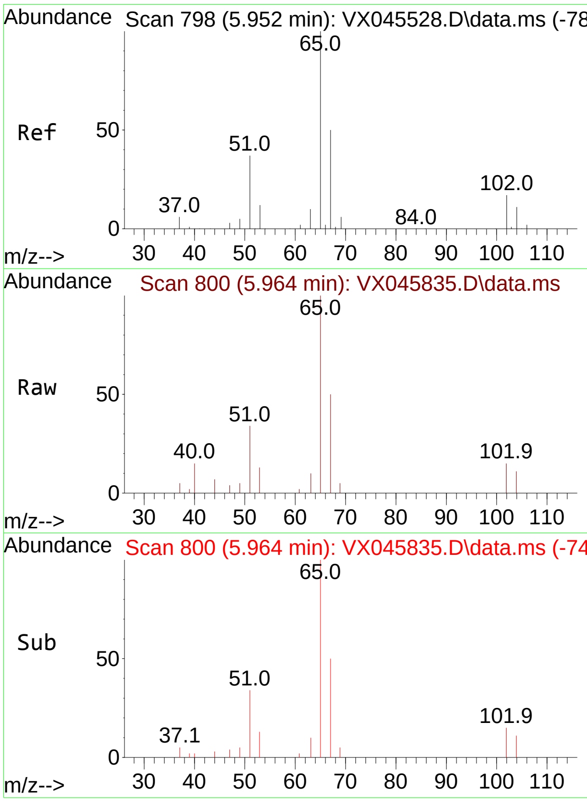


#31
Cyclohexane
Concen: 1.328 ug/l
RT: 5.556 min   Scan# 733
Delta R.T.   0.091 min
Lab File: VX045835.D
Acq: 17 Apr 2025   17:49

Tgt Ion: 56 Resp: 1182

Ion	Ratio	Lower	Upper
56	100		
69	115.6	23.6	35.4#
84	77.0	67.7	101.5



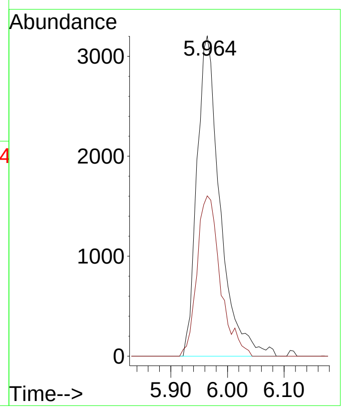


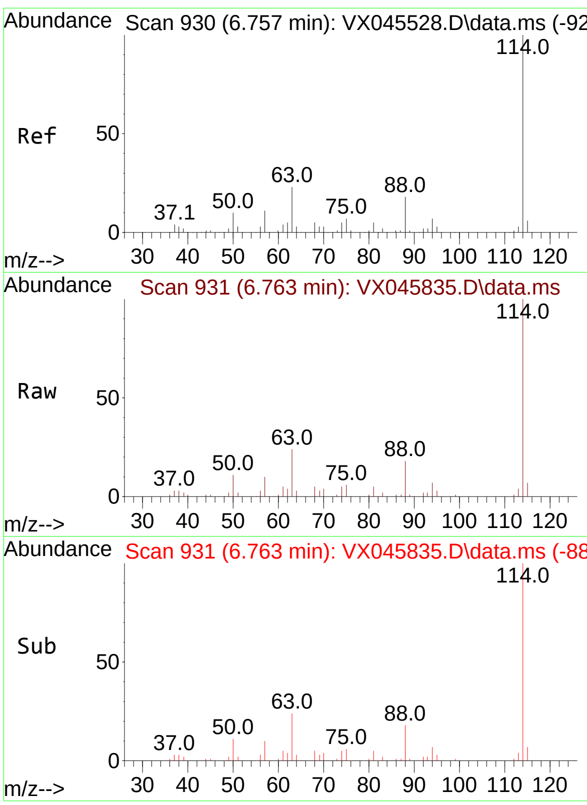
#33
1,2-Dichloroethane-d4
Concen: 12.541 ug/l
RT: 5.964 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 9102

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	99.0

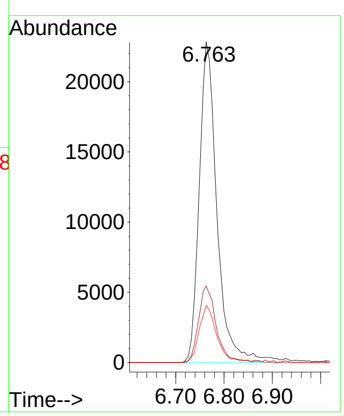


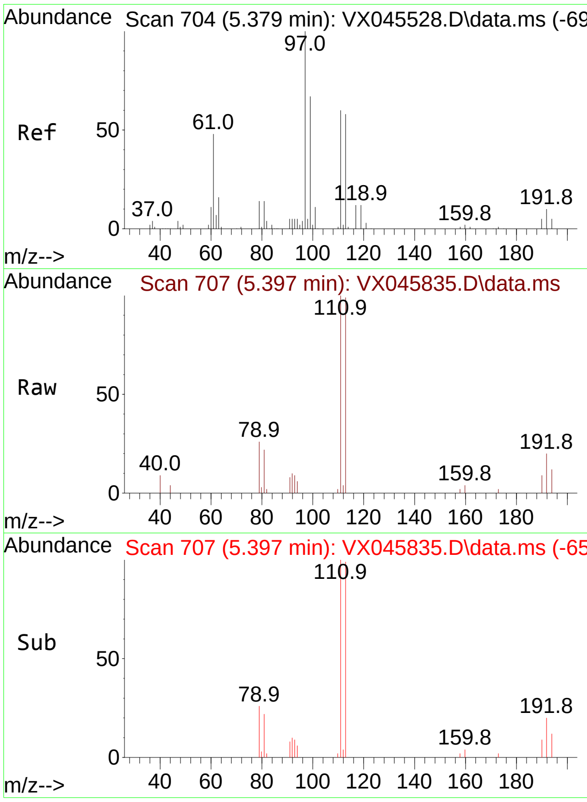


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion:114 Resp: 58306

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	46.8
88	17.8	0.0	35.4



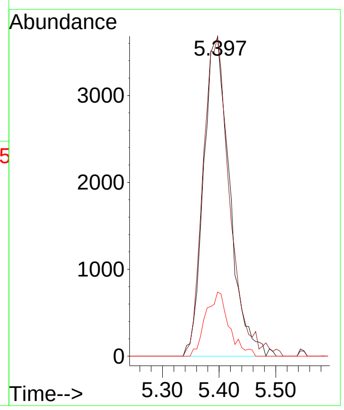


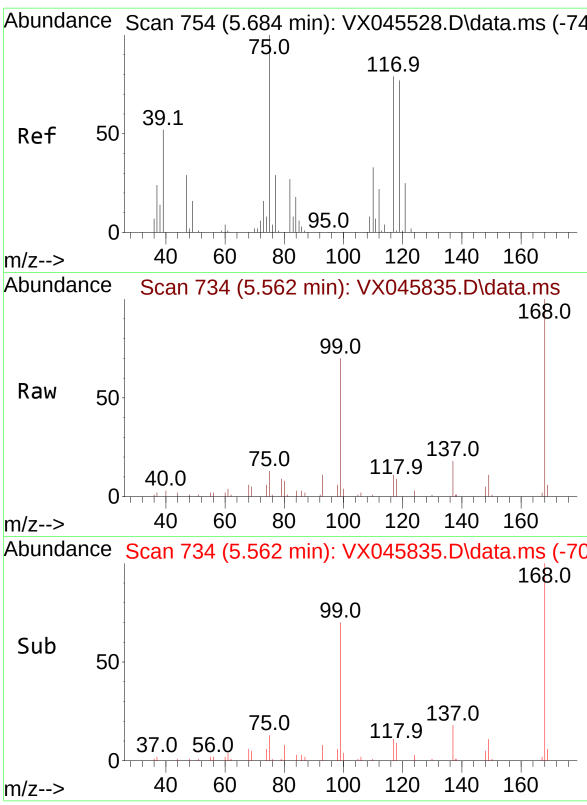
#35
Dibromofluoromethane
Concen: 28.459 ug/l
RT: 5.397 min Scan# 7
Delta R.T. 0.018 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 11773

Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.8	122.6
192	18.1	13.8	20.6

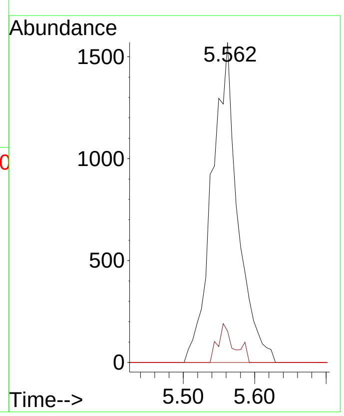


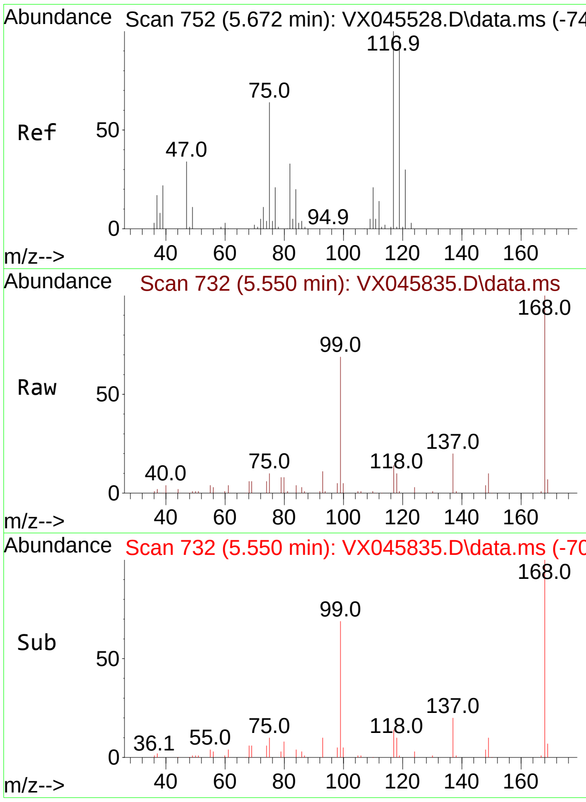


#36
1,1-Dichloropropene
Concen: 7.099 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion: 75 Resp: 3965

Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.9	50.6#
77	0.0	25.0	37.4#





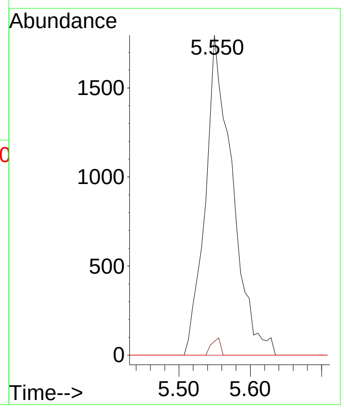
#38
Carbon Tetrachloride
Concen: 7.847 ug/l
RT: 5.550 min   Scan# 7

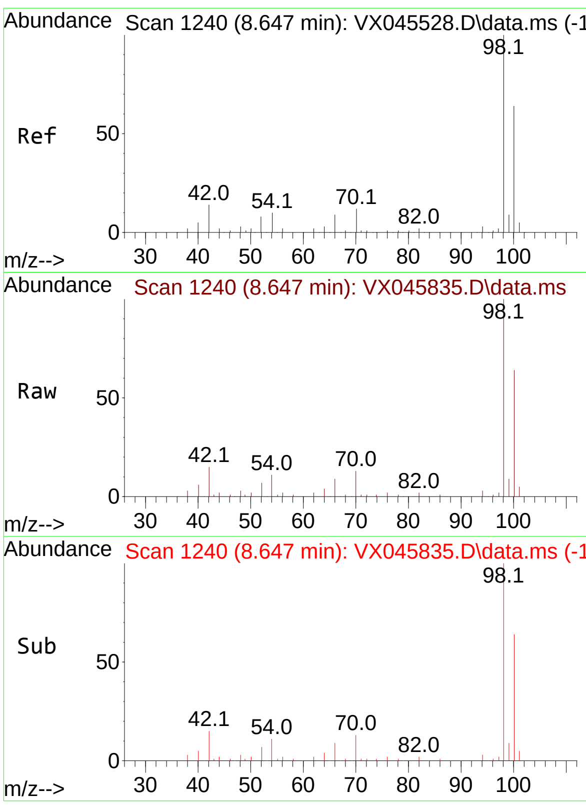
Instrument :
MSVOA_X
ClientSampleId :

Delta R.T.   -0.122 min
Lab File: VX045835.D
Acq: 17 Apr 2025   17:49

Tgt Ion:117 Resp: 4737

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.9	115.3#
121	0.0	24.2	36.2#

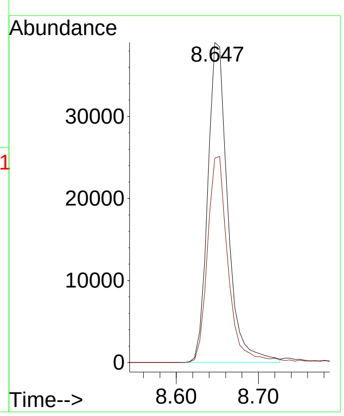


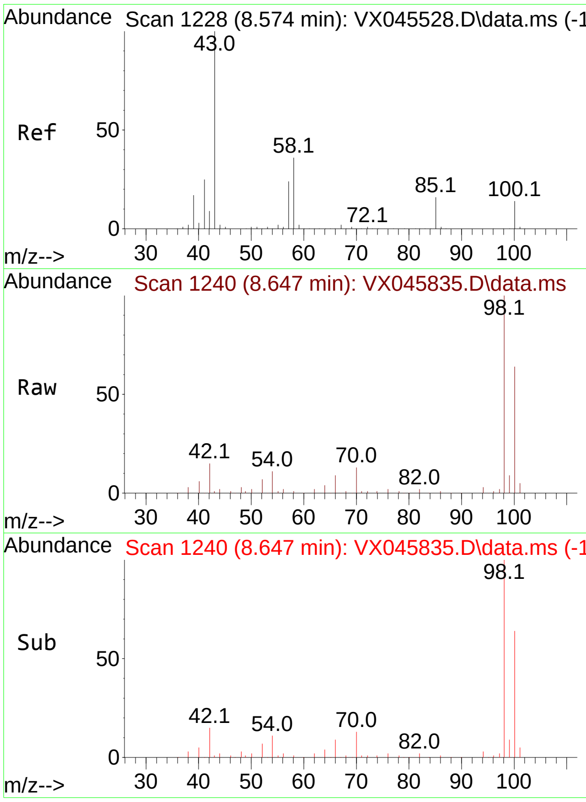


#50
Toluene-d8
Concen: 45.880 ug/l
RT: 8.647 min   Scan# 1240
Delta R.T.   0.000 min
Lab File: VX045835.D
Acq: 17 Apr 2025   17:49

Tgt Ion: 98 Resp: 66246

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.2	78.4



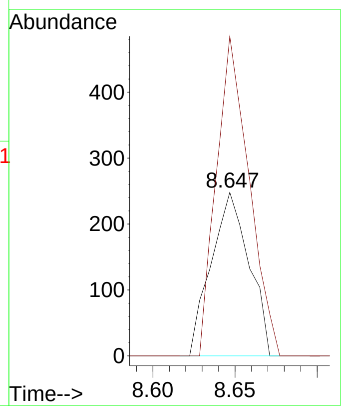


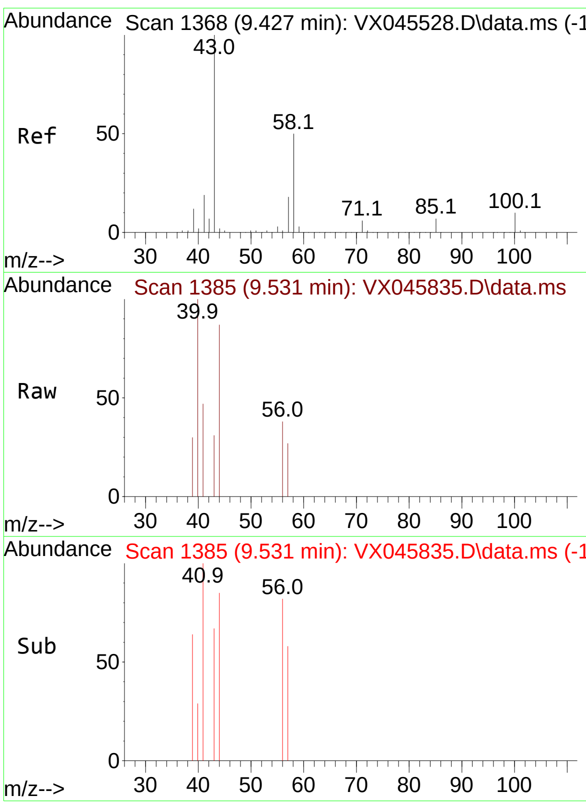
#51
4-Methyl-2-Pentanone
Concen: 0.564 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.073 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 399

Ion	Ratio	Lower	Upper
43	100		
58	168.2	28.5	42.7#

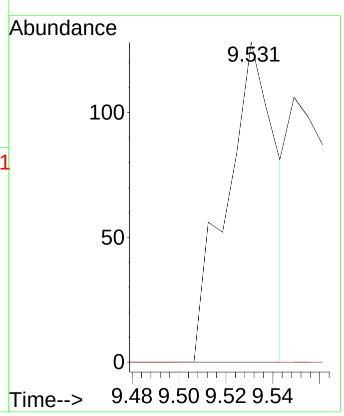


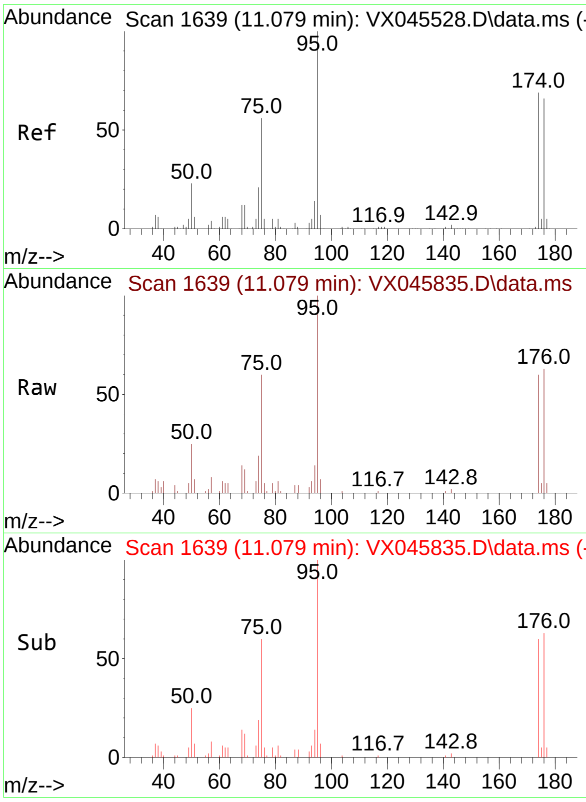


#59
2-Hexanone
Concen: 0.351 ug/l
RT: 9.531 min Scan# 1385
Delta R.T. 0.104 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion: 43 Resp: 184

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.9	74.6#



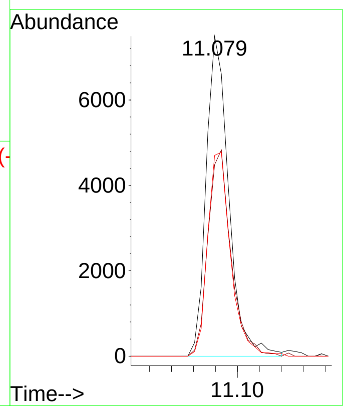


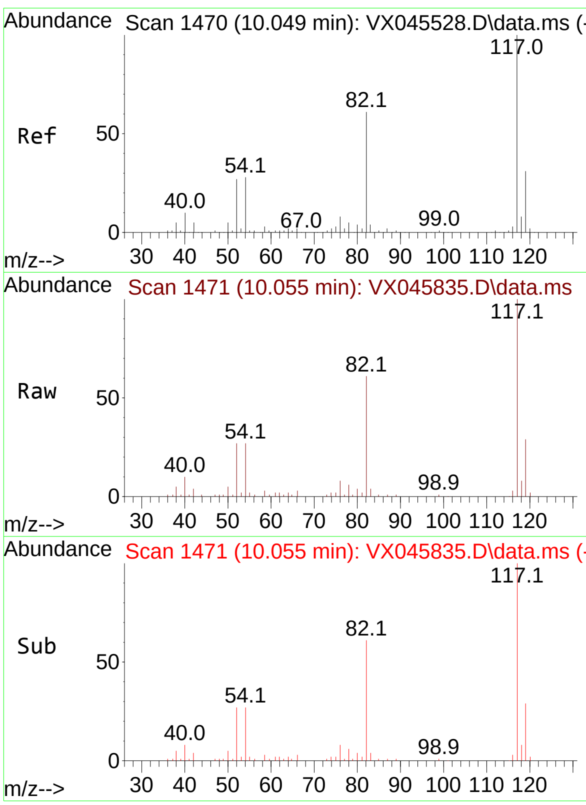
#62
4-Bromofluorobenzene
Concen: 20.308 ug/l
RT: 11.079 min Scan# 1(
Delta R.T. 0.000 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 10681

Ion	Ratio	Lower	Upper
95	100		
174	66.0	0.0	135.8
176	65.1	0.0	131.4

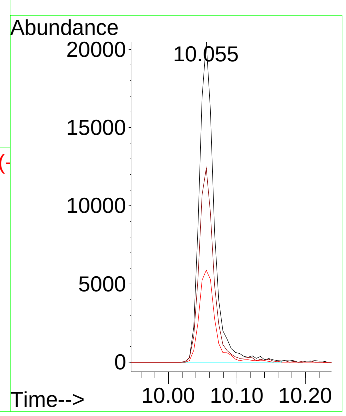


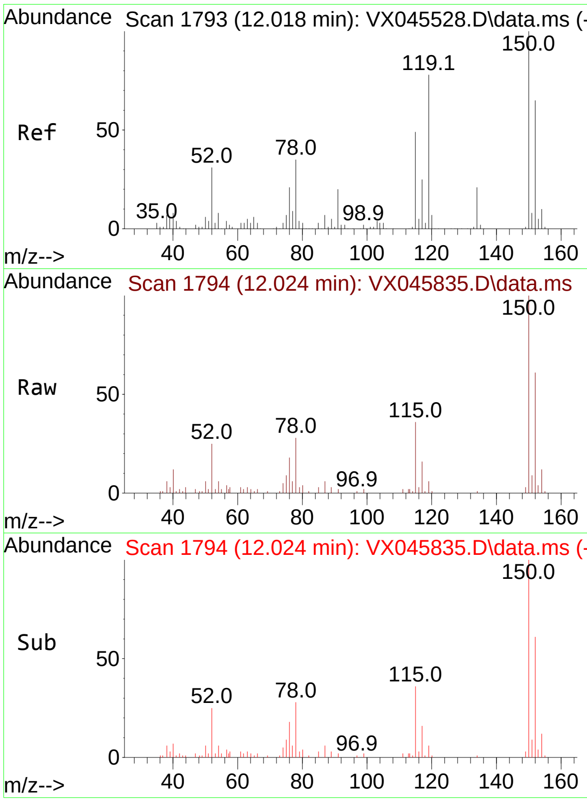


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion:117 Resp: 31029

Ion	Ratio	Lower	Upper
117	100		
82	60.6	49.2	73.8
119	28.7	25.1	37.7



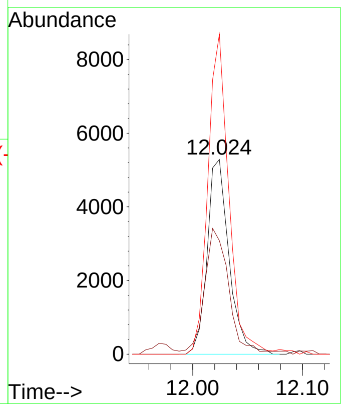


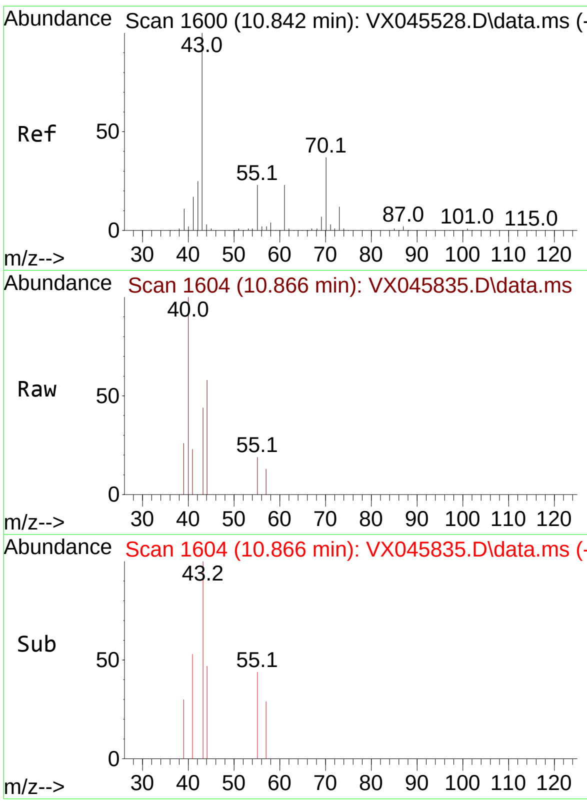
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 7323

Ion	Ratio	Lower	Upper
152	100		
115	71.4	46.9	140.7
150	156.5	0.0	349.4

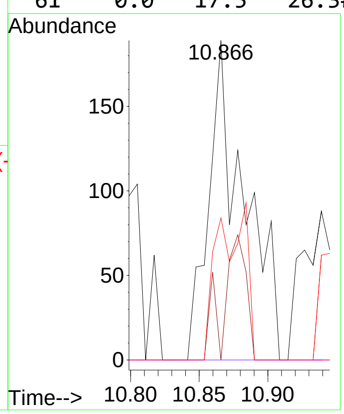


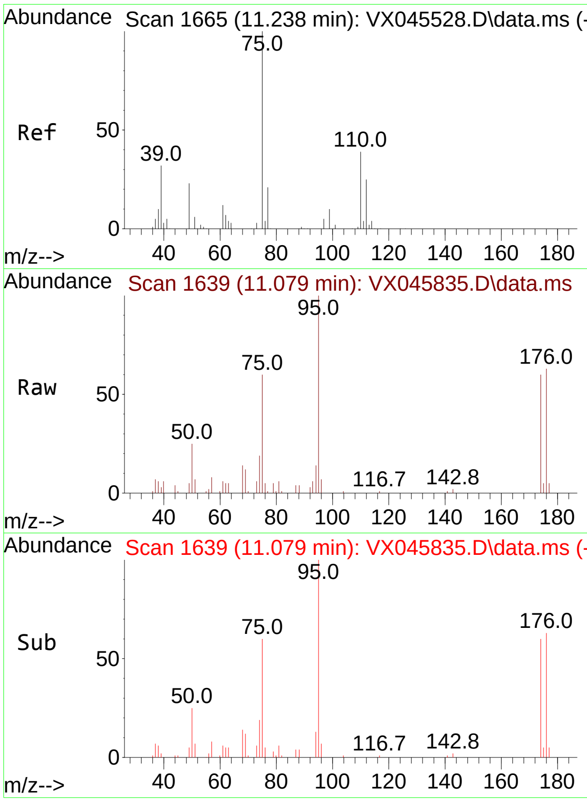


#74
N-amyl acetate
Concen: 1.222 ug/l
RT: 10.866 min Scan# 1604
Delta R.T. 0.024 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion: 43 Resp: 343

Ion	Ratio	Lower	Upper
43	100		
70	25.4	30.1	45.1#
55	39.4	18.3	27.5#
61	0.0	17.5	26.3#



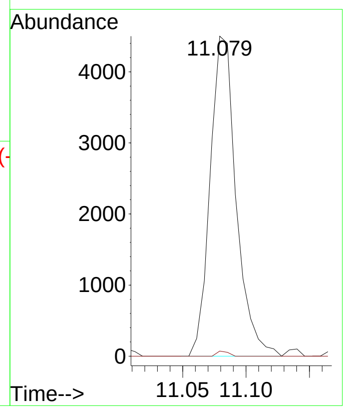


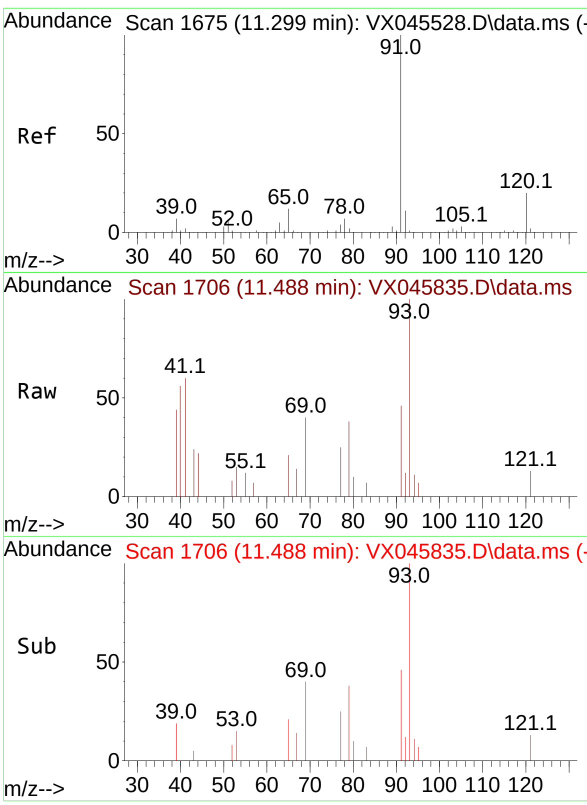
#76
1,2,3-Trichloropropane
Concen: 36.126 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 6453

Ion	Ratio	Lower	Upper
75	100		
77	0.7	20.0	59.9#

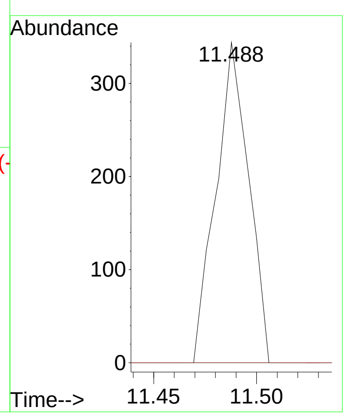


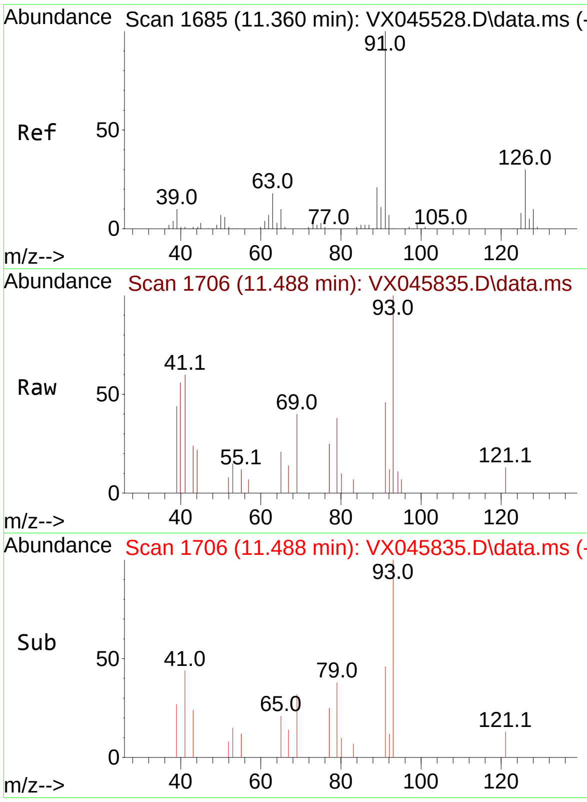


#78
n-propylbenzene
Concen: 0.562 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. 0.189 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion: 91 Resp: 380

Ion	Ratio	Lower	Upper
91	100		
120	0.0	10.8	32.3#



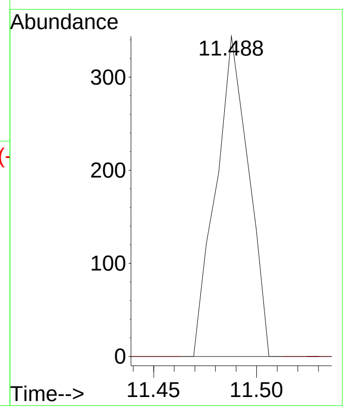


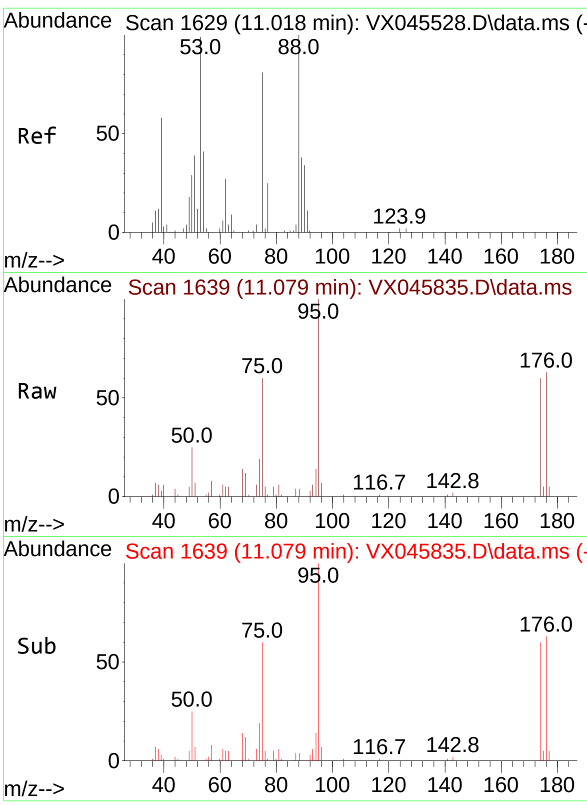
#79
2-Chlorotoluene
Concen: 0.880 ug/l
RT: 11.488 min Scan# 1
Delta R.T. 0.128 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 380

Ion	Ratio	Lower	Upper
91	100		
126	0.0	15.8	47.4#

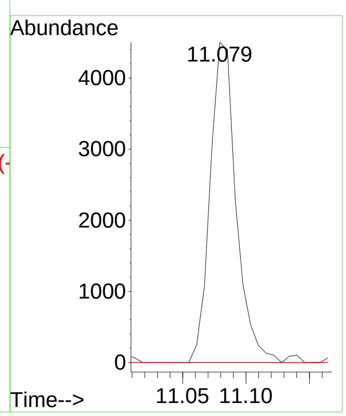


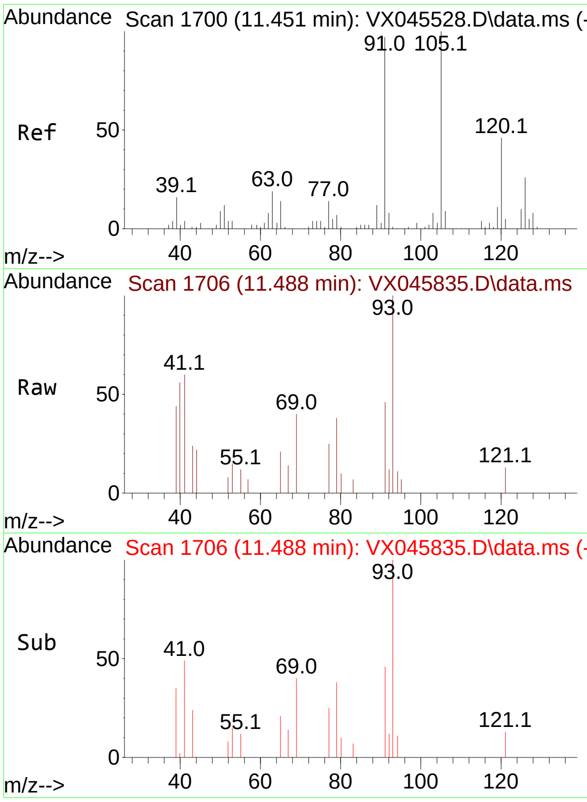


#81
trans-1,4-Dichloro-2-butene
Concen: 122.607 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion: 75 Resp: 6453

Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.8	152.6#
89	0.0	37.2	55.8#





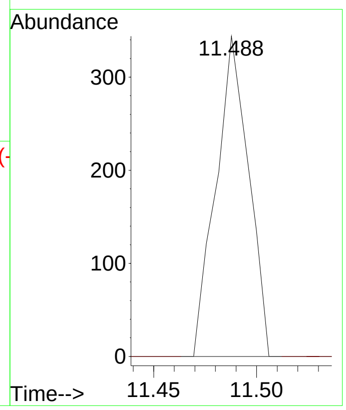
#82
4-Chlorotoluene
Concen: 0.789 ug/l
RT: 11.488 min Scan# 1

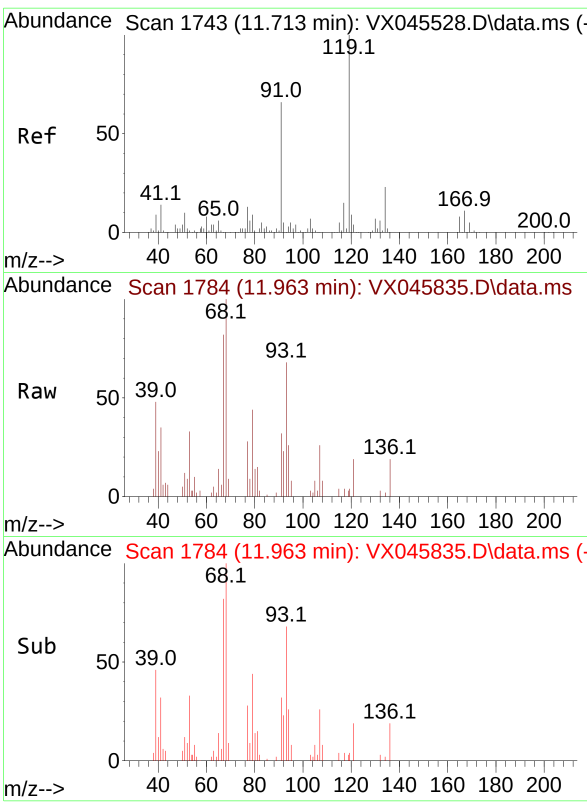
Instrument :
MSVOA_X
ClientSampleId :

Delta R.T. 0.037 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion: 91 Resp: 380

Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.3	39.9#

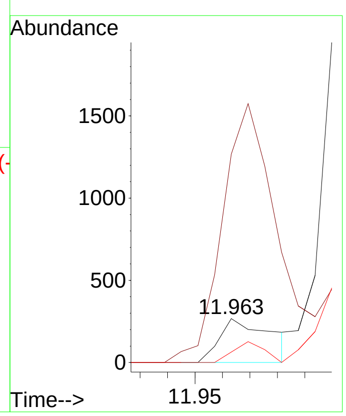


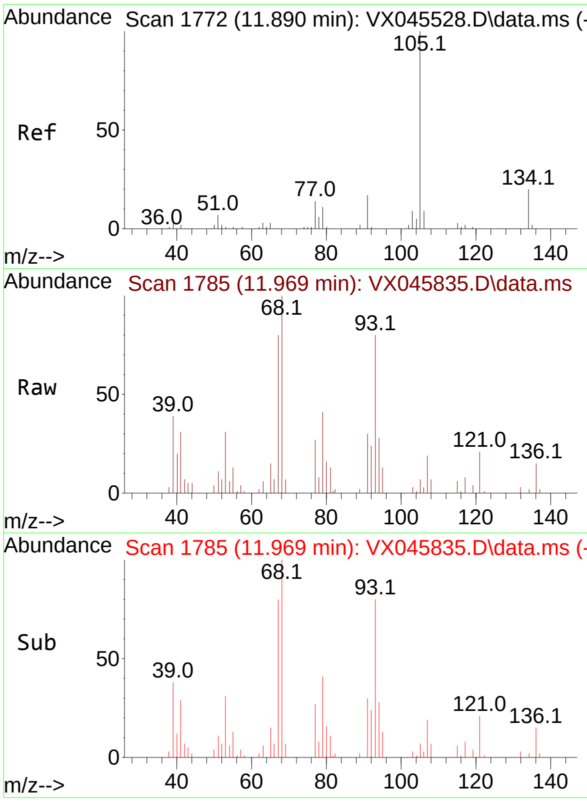


#83
tert-Butylbenzene
Concen: 0.718 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. 0.250 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion:119 Resp: 345

Ion	Ratio	Lower	Upper
119	100		
91	610.4	32.4	97.2#
134	28.4	11.5	34.5





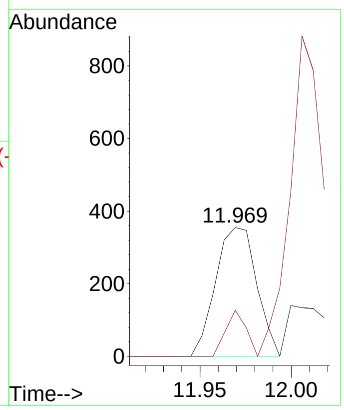
#85
sec-Butylbenzene
Concen: 0.941 ug/l
RT: 11.969 min Scan# 1

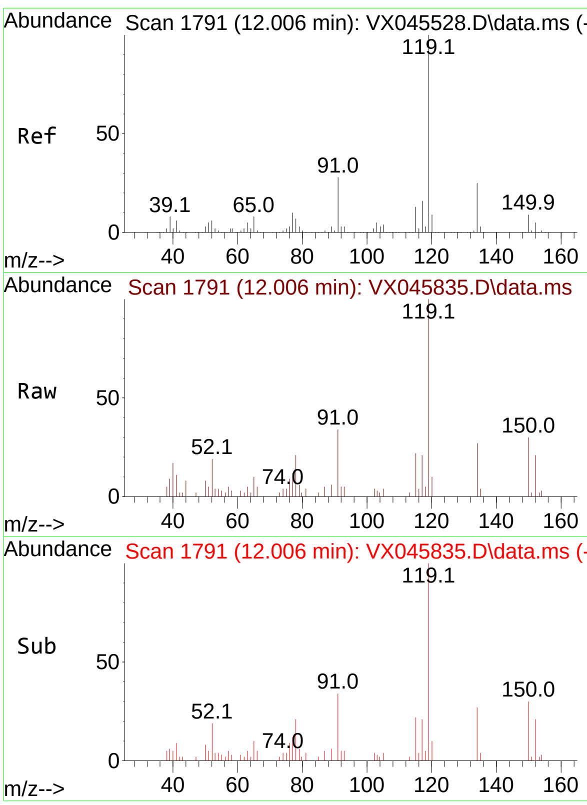
Instrument :
MSVOA_X
ClientSampleId :

Delta R.T. 0.079 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion:105 Resp: 555

Ion	Ratio	Lower	Upper
105	100		
134	17.7	9.6	28.6

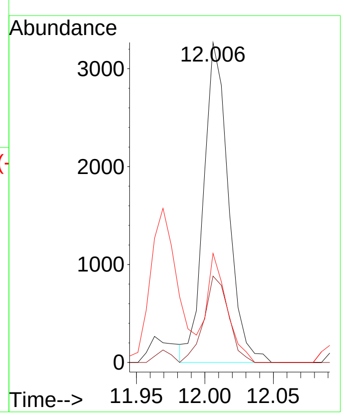


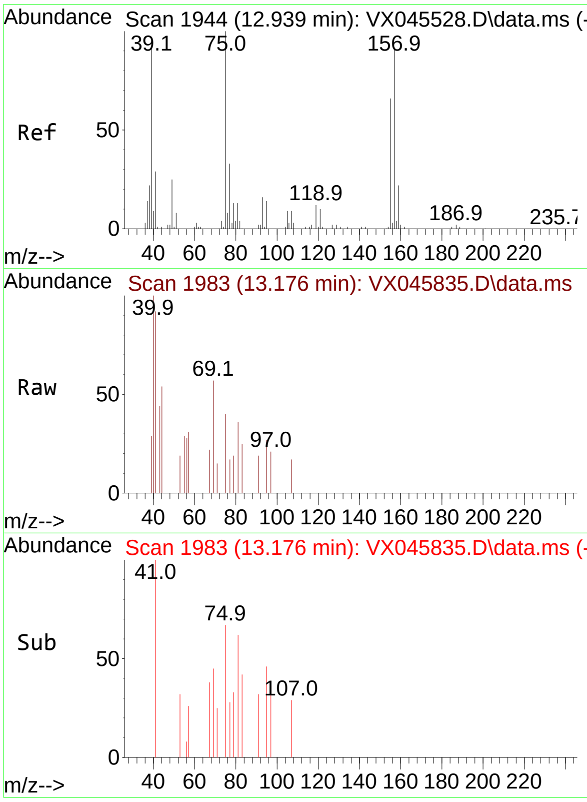


#86
p-Isopropyltoluene
Concen: 8.446 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Tgt Ion:119 Resp: 4107

Ion	Ratio	Lower	Upper
119	100		
134	27.0	12.6	37.8
91	27.9	13.7	41.1





#92
1,2-Dibromo-3-Chloropropane
Concen: 4.177 ug/l
RT: 13.176 min Scan# 19
Delta R.T. 0.238 min
Lab File: VX045835.D
Acq: 17 Apr 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 180

Ion	Ratio	Lower	Upper
75	100		
155	0.0	34.9	104.7#
157	0.0	44.9	134.7#