Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
Data File : VX045957.D
Acq On : 28 Apr 2025 15:26
Operator : JC/MD
Sample : Q1891-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Quant Time: Apr 29 01:34:45 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

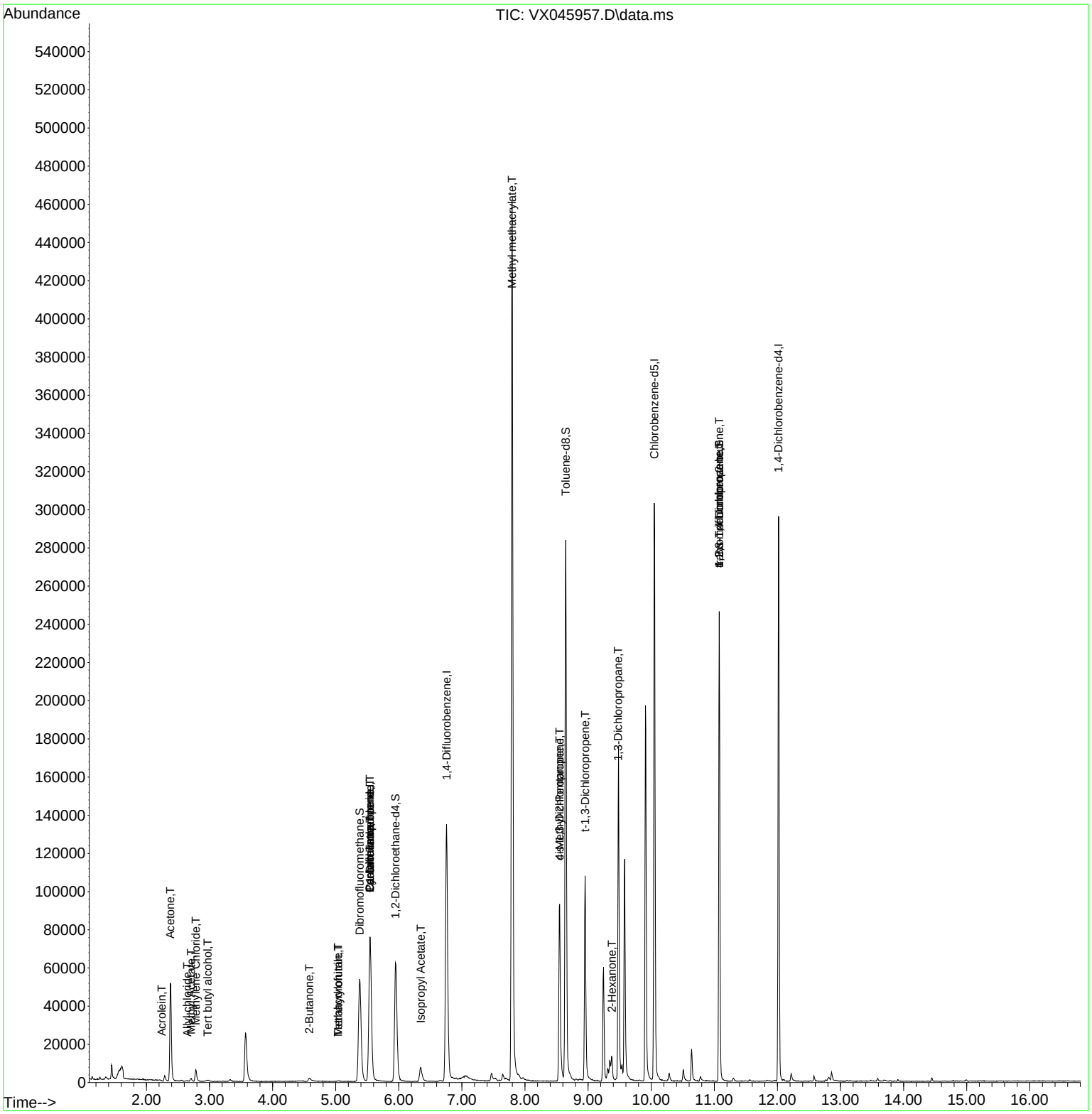
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	63272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128718	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64415	55.670	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.340%			
35) Dibromofluoromethane	5.379	113	46385	50.791	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.580%			
50) Toluene-d8	8.647	98	162646	51.024	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.040%			
62) 4-Bromofluorobenzene	11.079	95	63454	54.650	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.300%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	830	5.338	ug/l #	72
13) Acrolein	2.239	56	63	0.294	ug/l #	15
14) Allyl chloride	2.648	41	341	0.237	ug/l #	21
16) Acetone	2.380	43	58428	122.973	ug/l	99
18) Methyl Acetate	2.709	43	2017	1.844	ug/l	95
20) Methylene Chloride	2.782	84	2657	2.987	ug/l	92
25) 2-Butanone	4.580	43	4430	6.370	ug/l #	84
29) Tetrahydrofuran	5.038	42	166	0.368	ug/l #	44
31) Cyclohexane	5.544	56	1970	1.388	ug/l #	63
36) 1,1-Dichloropropene	5.544	75	6333	5.136	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7548	5.664	ug/l #	16
41) Methacrylonitrile	5.038	41	231	0.282	ug/l #	24
43) Isopropyl Acetate	6.348	43	11517	4.890	ug/l	99
48) Methyl methacrylate	7.793	41	45547	37.456	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	38621	24.736	ug/l #	54
53) t-1,3-Dichloropropene	8.952	75	209	2.433	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14473	10.692	ug/l #	68
57) 1,3-Dichloropropane	9.476	76	1484	0.938	ug/l #	42
59) 2-Hexanone	9.378	43	10807	9.347	ug/l #	28
76) 1,2,3-Trichloropropane	11.079	75	36856	28.446	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36856	96.542	ug/l #	1

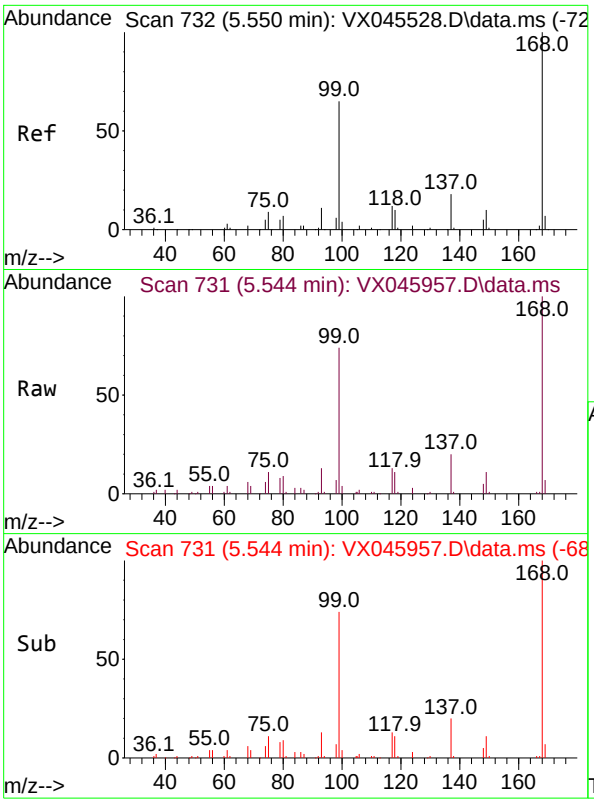
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
Data File : VX045957.D
Acq On : 28 Apr 2025 15:26
Operator : JC/MD
Sample : Q1891-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Quant Time: Apr 29 01:34:45 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



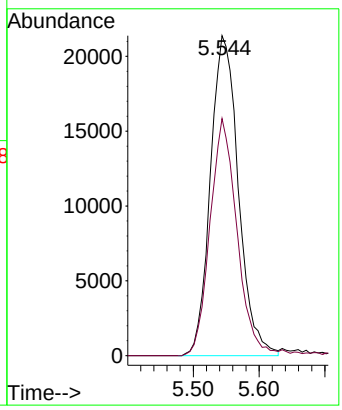


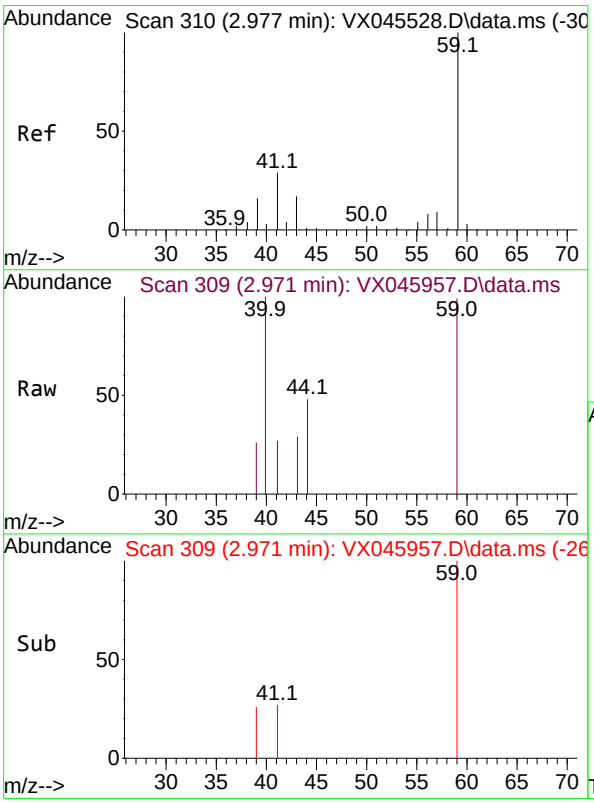
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion:168 Resp: 63272

Ion	Ratio	Lower	Upper
168	100		
99	74.1	52.3	78.5

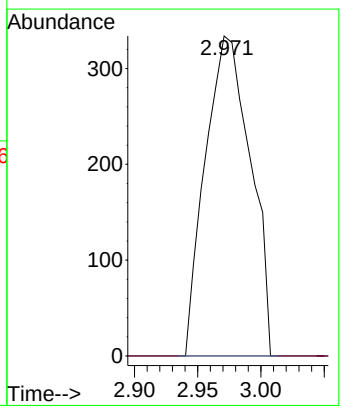


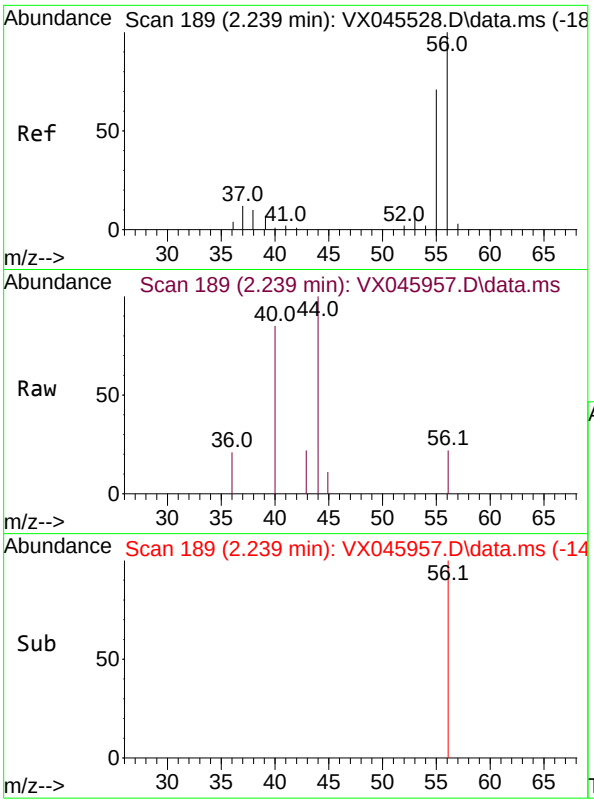


#11
Tert butyl alcohol
Concen: 5.338 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion: 59 Resp: 830

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



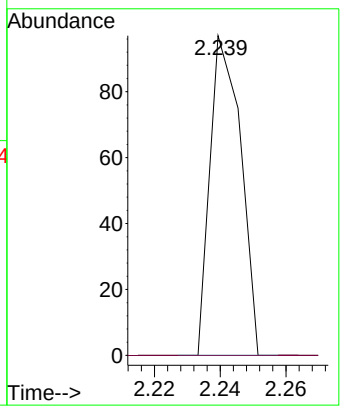


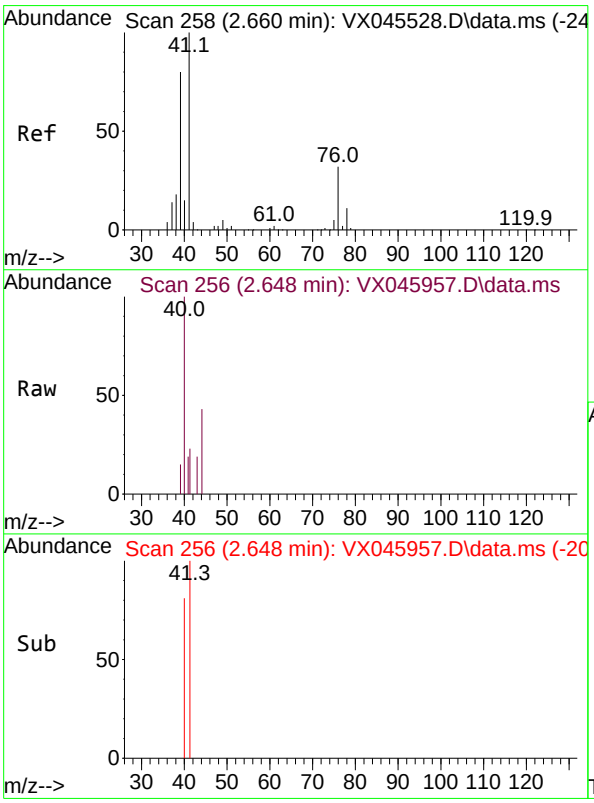
#13
Acrolein
Concen: 0.294 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion: 56 Resp: 63

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.2	84.2#

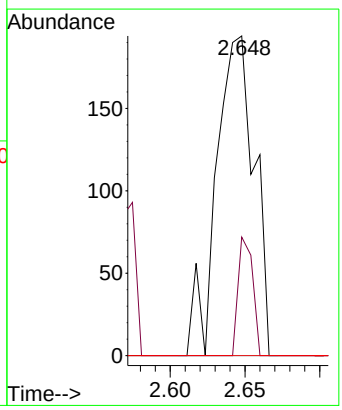


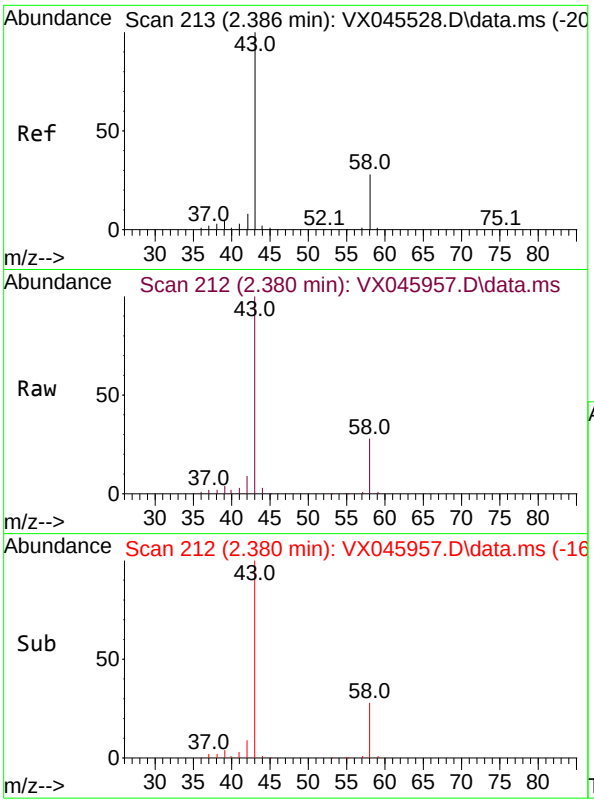


#14
Allyl chloride
Concen: 0.237 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.012 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion: 41 Resp: 341

Ion	Ratio	Lower	Upper
41	100		
39	0.0	60.2	90.2#
76	0.0	24.6	36.8#



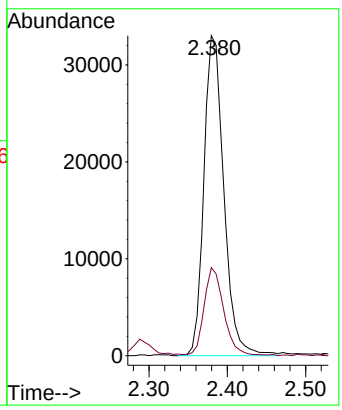


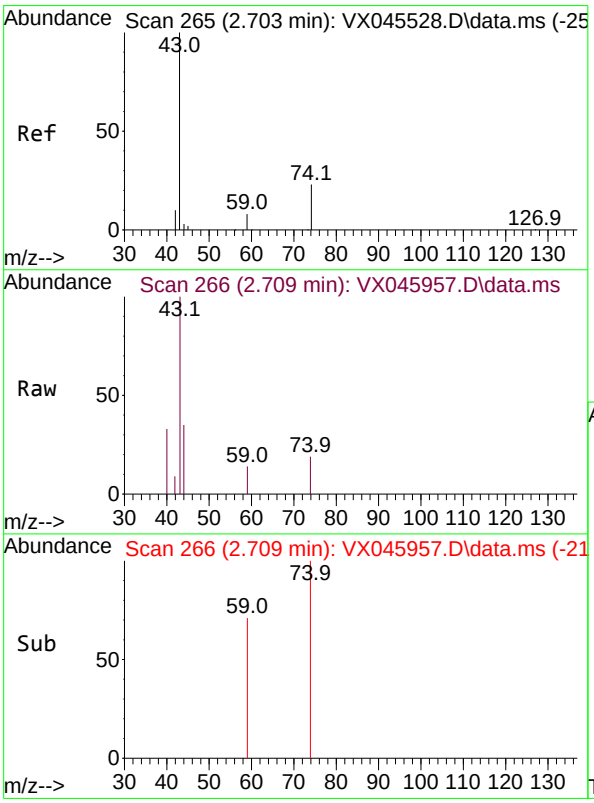
#16
Acetone
Concen: 122.973 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion: 43 Resp: 58428

Ion	Ratio	Lower	Upper
43	100		
58	27.5	22.3	33.5

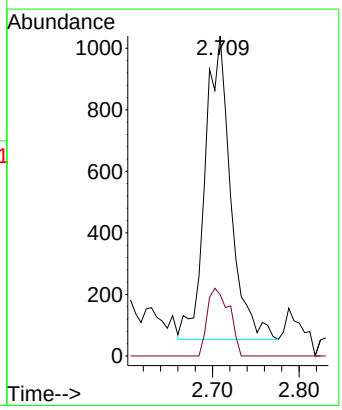


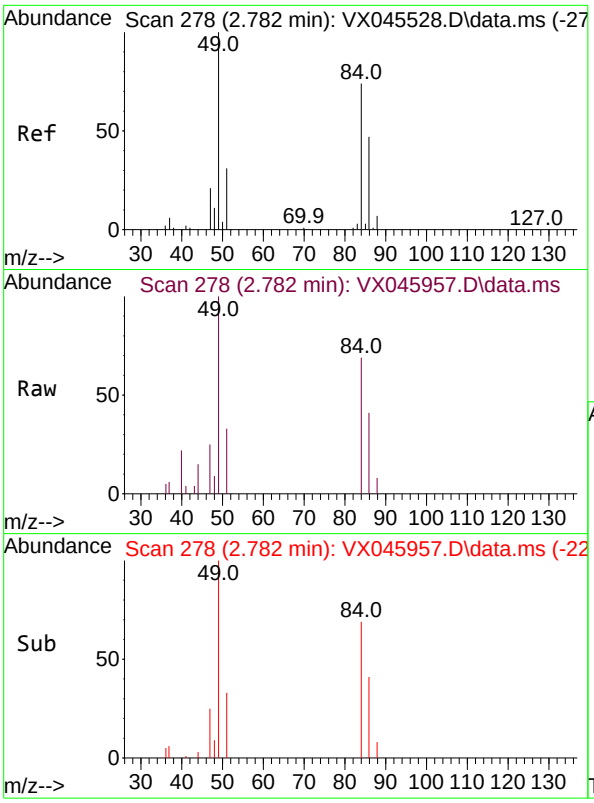


#18
Methyl Acetate
Concen: 1.844 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion: 43 Resp: 2017

Ion	Ratio	Lower	Upper
43	100		
74	19.3	17.5	26.3



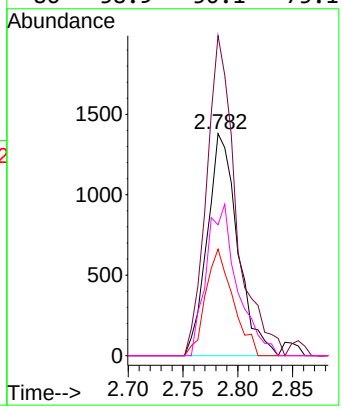


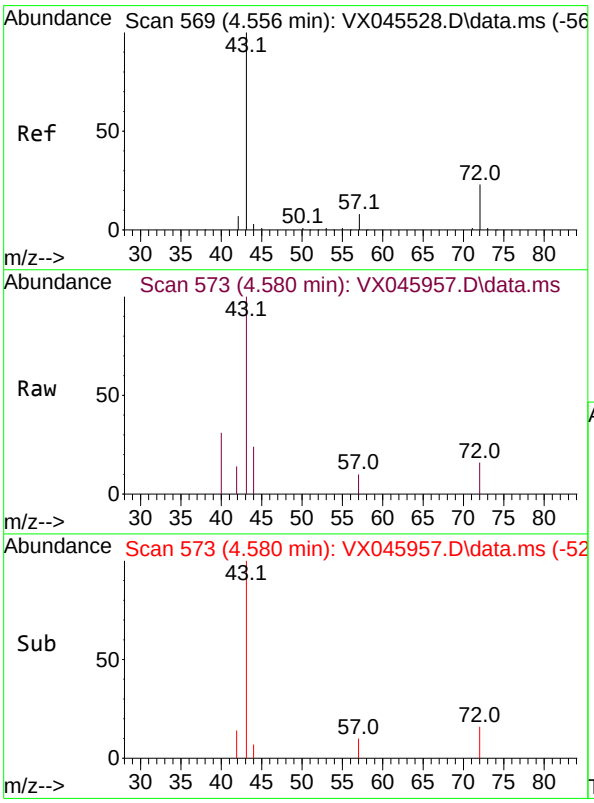
#20
Methylene Chloride
Concen: 2.987 ug/l
RT: 2.782 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion: 84 Resp: 2657

Ion	Ratio	Lower	Upper
84	100		
49	144.1	107.5	161.3
51	48.0	33.0	49.6
86	58.9	50.1	75.1

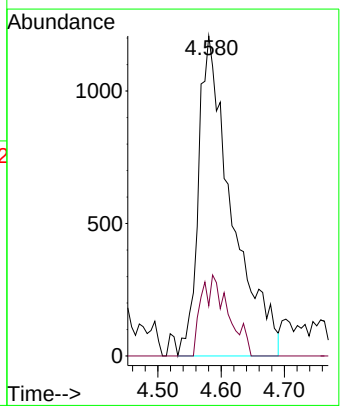


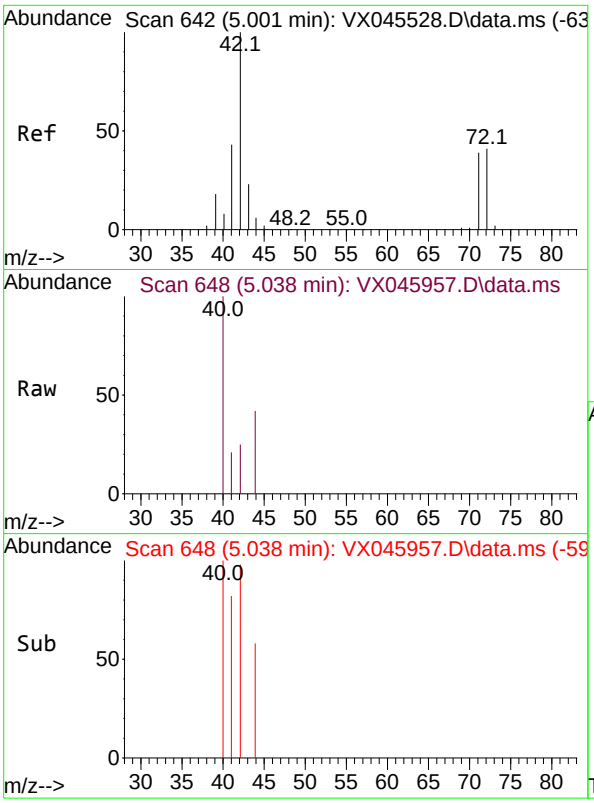


#25
2-Butanone
Concen: 6.370 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion: 43 Resp: 4430

Ion	Ratio	Lower	Upper
43	100		
72	15.7	18.6	28.0#



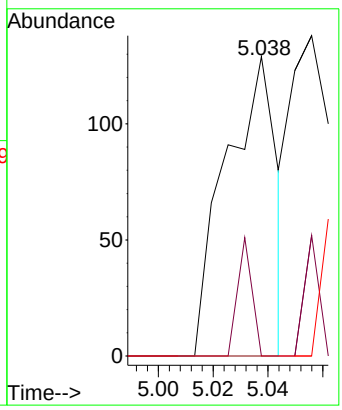


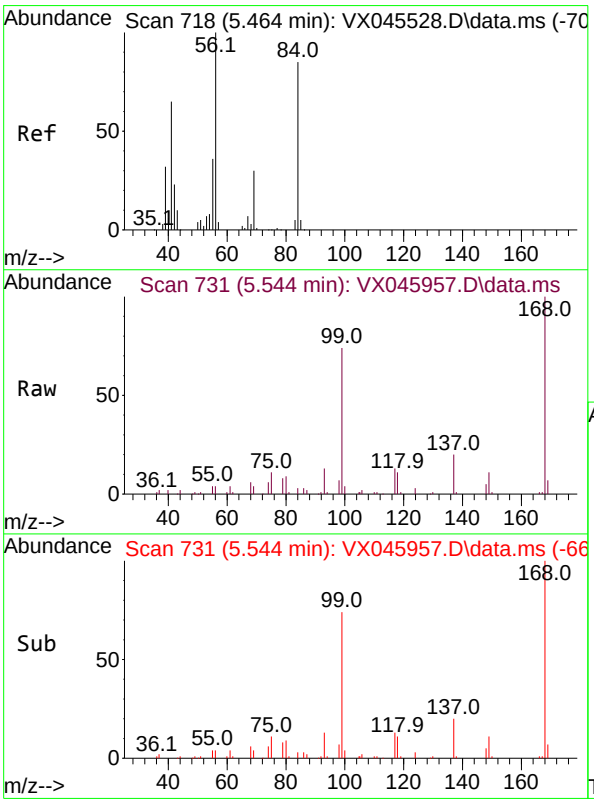
#29
Tetrahydrofuran
Concen: 0.368 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.037 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion: 42 Resp: 166

Ion	Ratio	Lower	Upper
42	100		
72	11.4	33.4	50.0#
71	0.0	31.4	47.0#

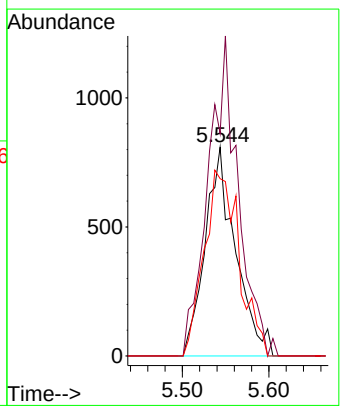


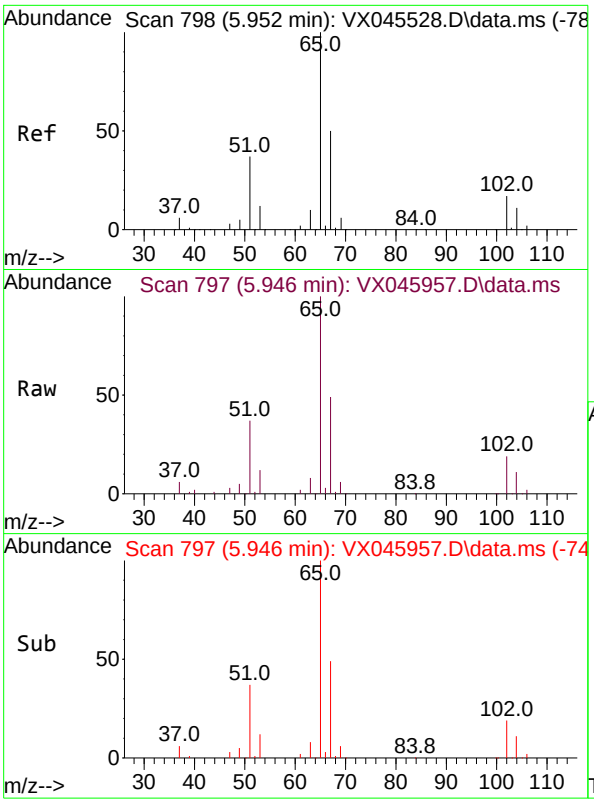


#31
Cyclohexane
Concen: 1.388 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion: 56 Resp: 1970

Ion	Ratio	Lower	Upper
56	100		
69	106.6	23.6	35.4#
84	84.9	67.7	101.5



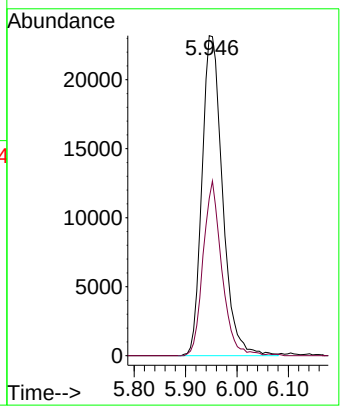


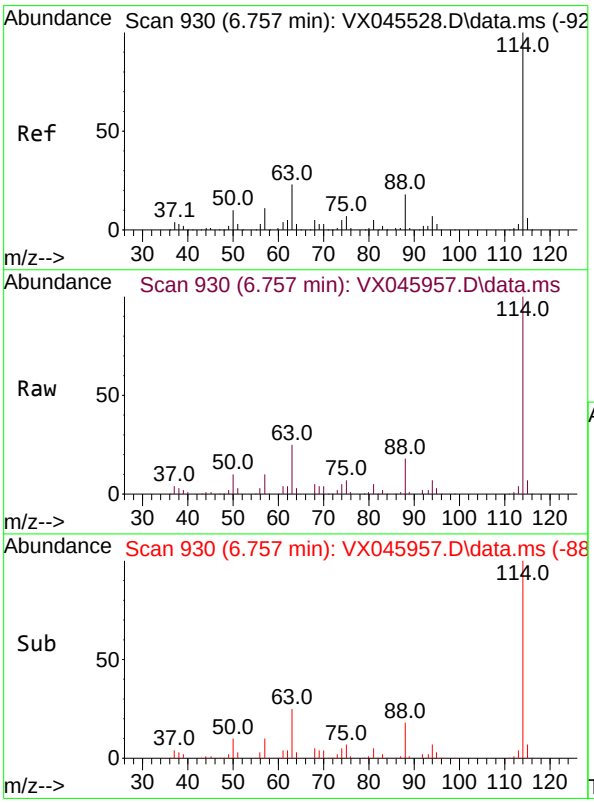
#33
1,2-Dichloroethane-d4
Concen: 55.670 ug/l
RT: 5.946 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion: 65 Resp: 64415

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.0

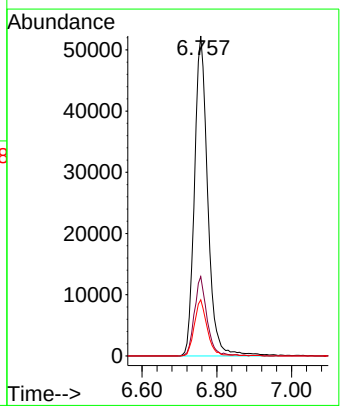


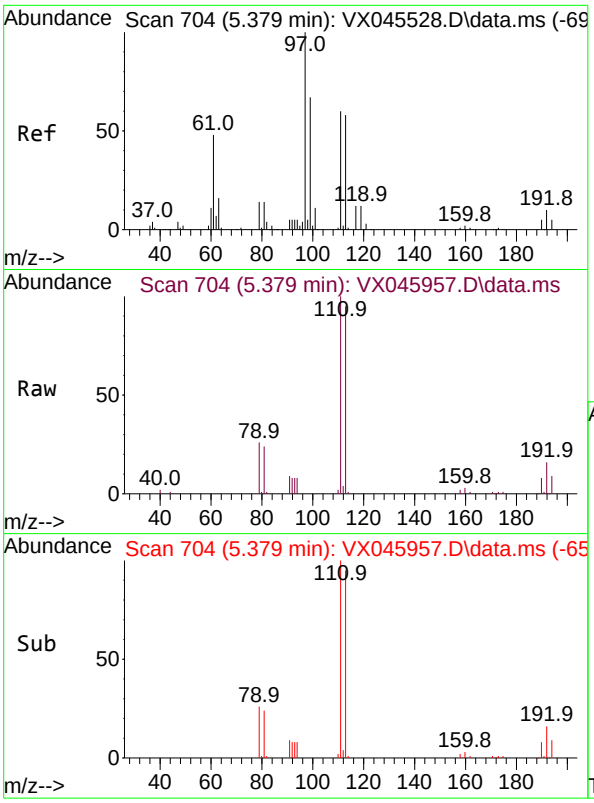


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion:114 Resp: 128718

Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	46.8
88	17.5	0.0	35.4



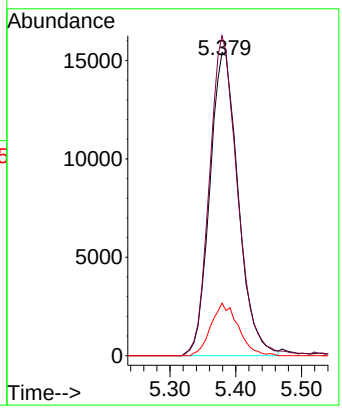


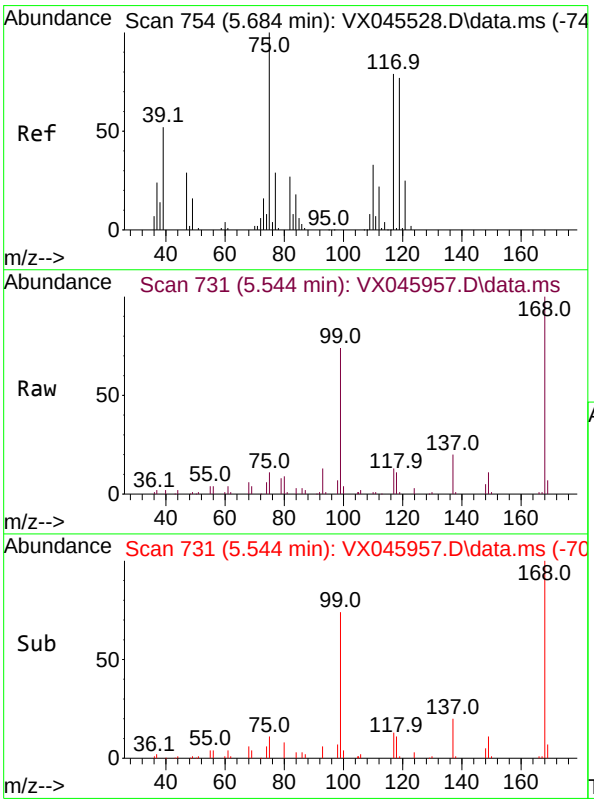
#35
Dibromofluoromethane
Concen: 50.791 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion:113 Resp: 46385

Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.8	122.6
192	16.7	13.8	20.6

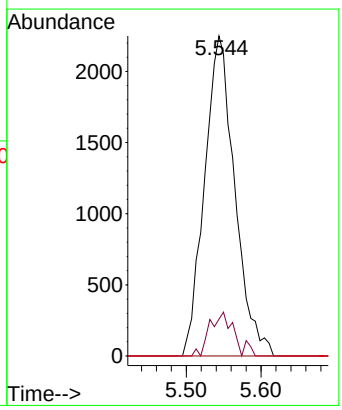


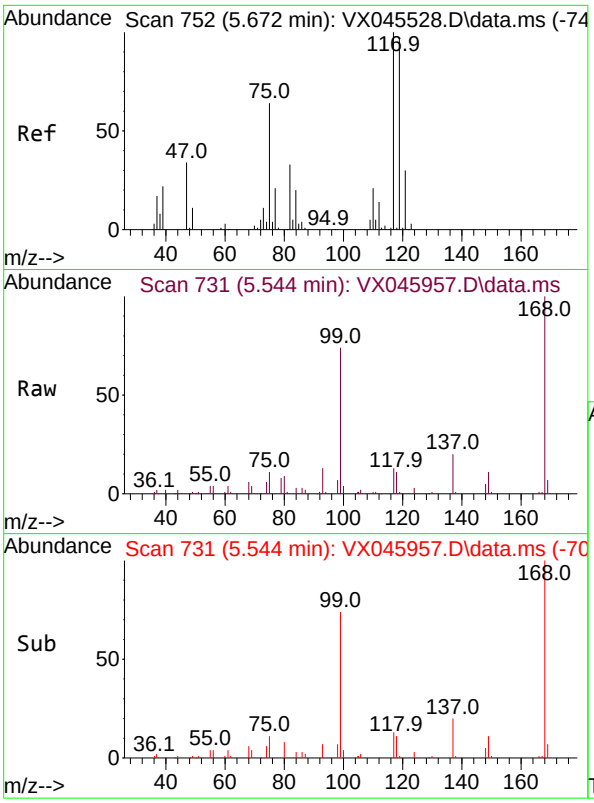


#36
1,1-Dichloropropene
Concen: 5.136 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion: 75 Resp: 6333

Ion	Ratio	Lower	Upper
75	100		
110	10.1	16.9	50.6#
77	0.0	25.0	37.4#



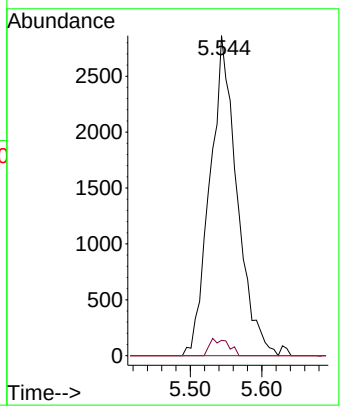


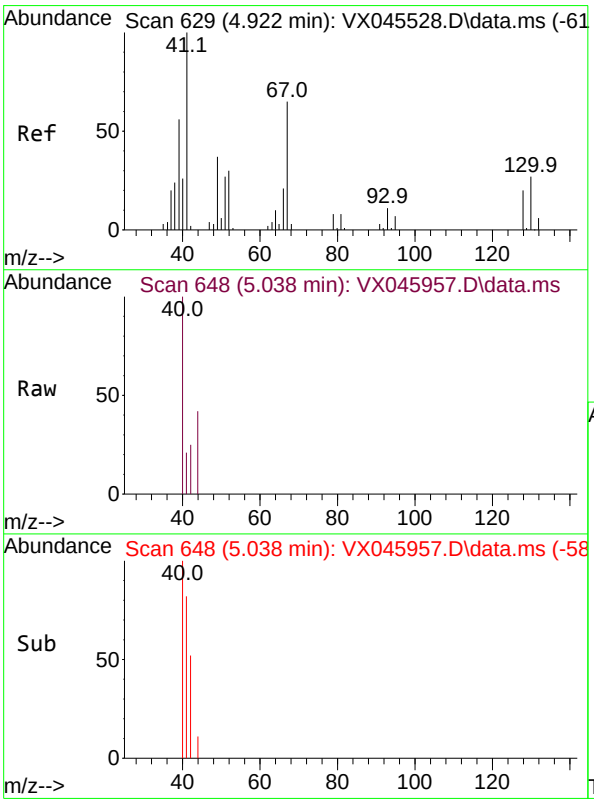
#38
Carbon Tetrachloride
Concen: 5.664 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.128 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion:117 Resp: 7548

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.9	115.3#
121	0.0	24.2	36.2#

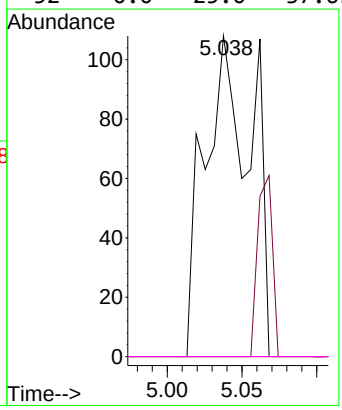


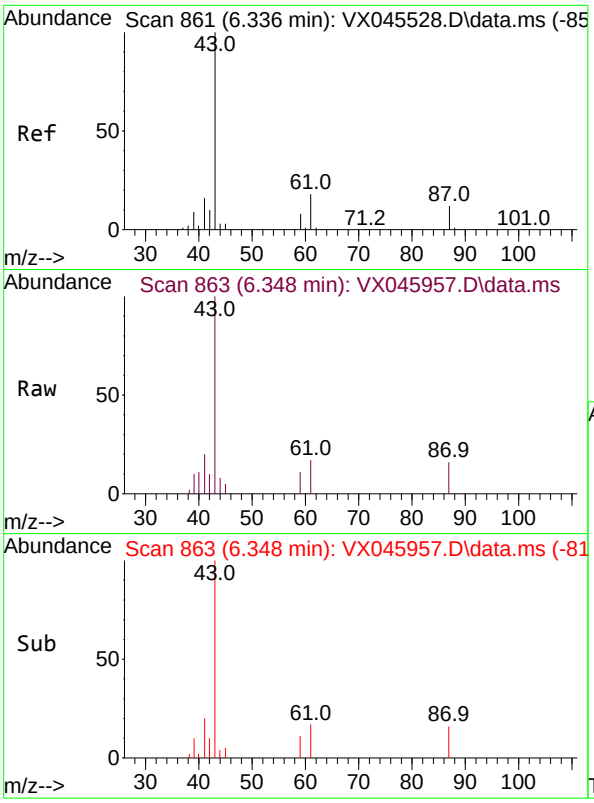


#41
Methacrylonitrile
Concen: 0.282 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.116 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion: 41 Resp: 231

Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.0	70.6#
67	0.0	53.2	79.8#
52	0.0	25.0	37.6#



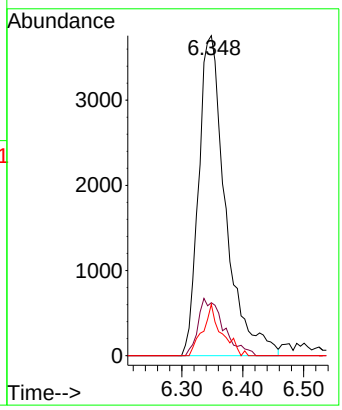


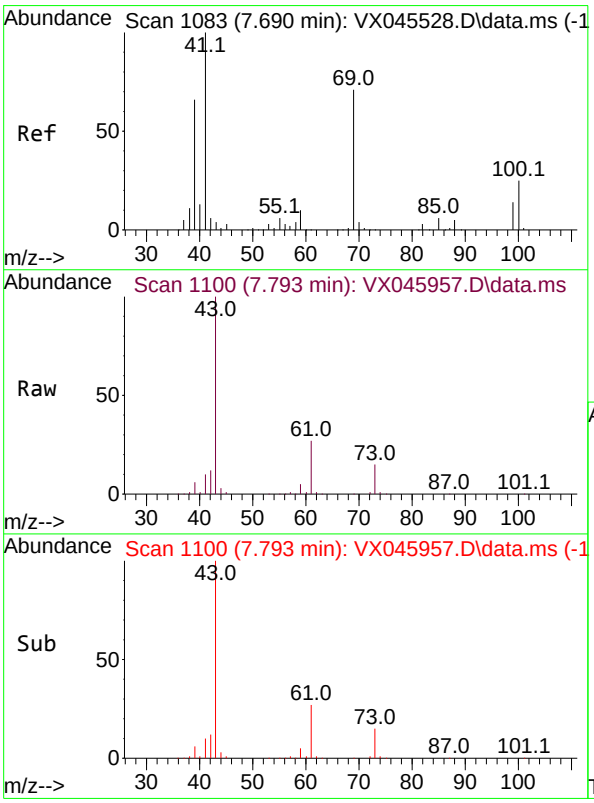
#43
Isopropyl Acetate
Concen: 4.890 ug/l
RT: 6.348 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion: 43 Resp: 11517

Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.1	21.1
87	11.2	9.2	13.8

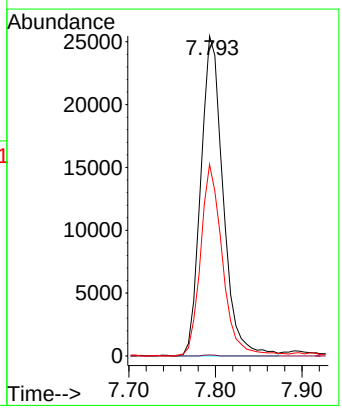


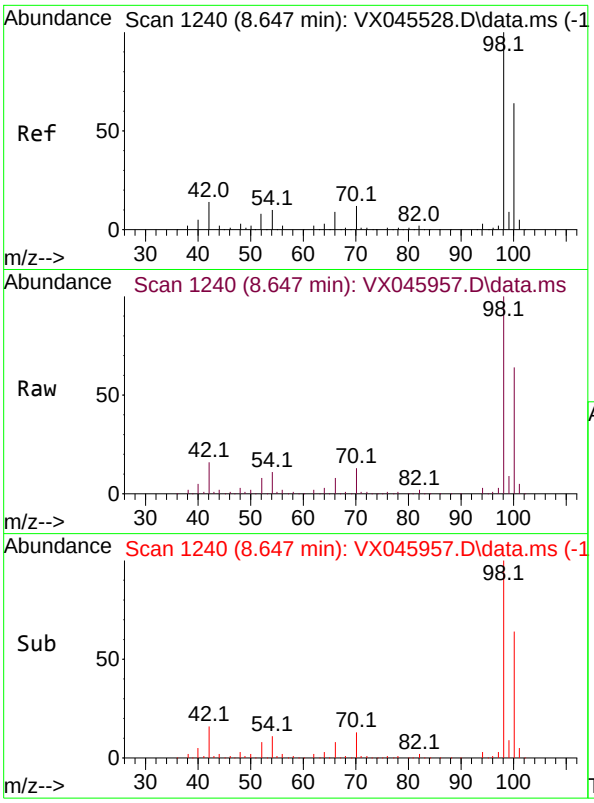


#48
Methyl methacrylate
Concen: 37.456 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion: 41 Resp: 45547

Ion	Ratio	Lower	Upper
41	100		
69	0.2	58.2	87.2#
39	58.9	53.6	80.4



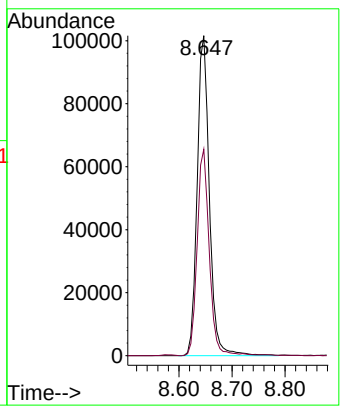


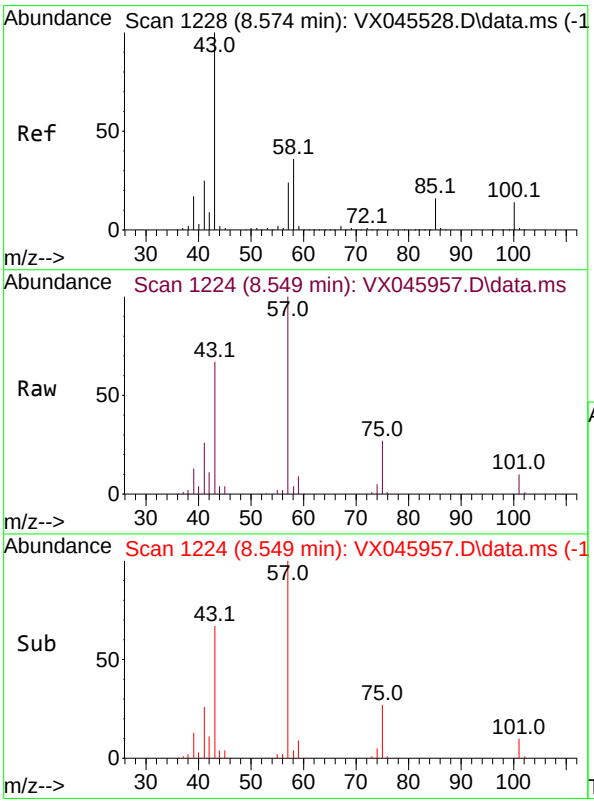
#50
Toluene-d8
Concen: 51.024 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion: 98 Resp: 162646

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.4

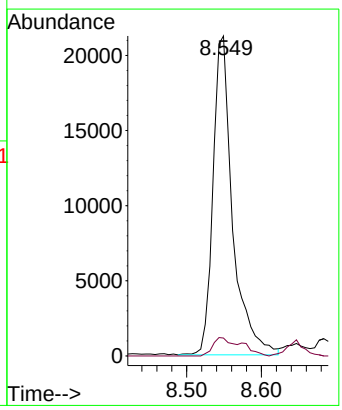


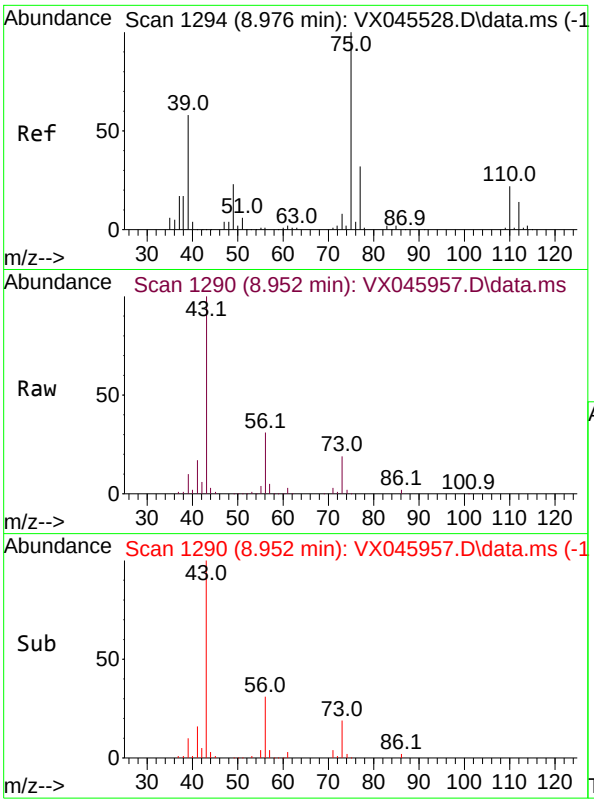


#51
4-Methyl-2-Pentanone
Concen: 24.736 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion: 43 Resp: 38621

Ion	Ratio	Lower	Upper
43	100		
58	8.4	28.5	42.7#



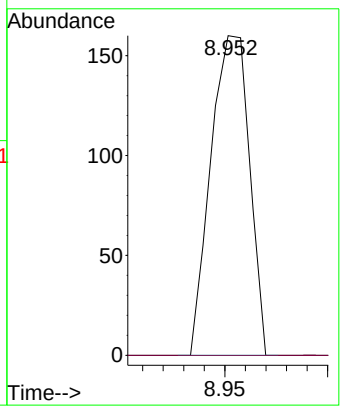


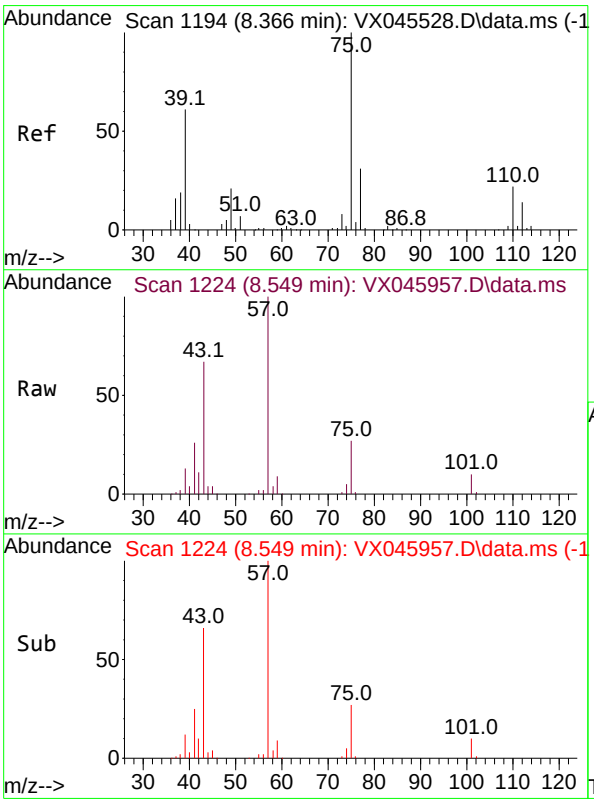
#53
t-1,3-Dichloropropene
Concen: 2.433 ug/l
RT: 8.952 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion: 75 Resp: 209

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

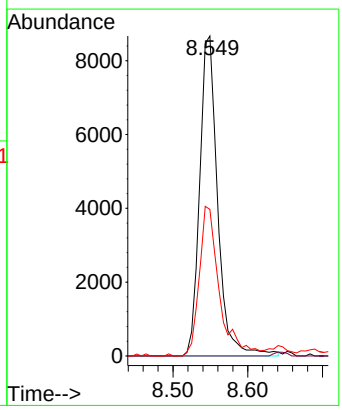


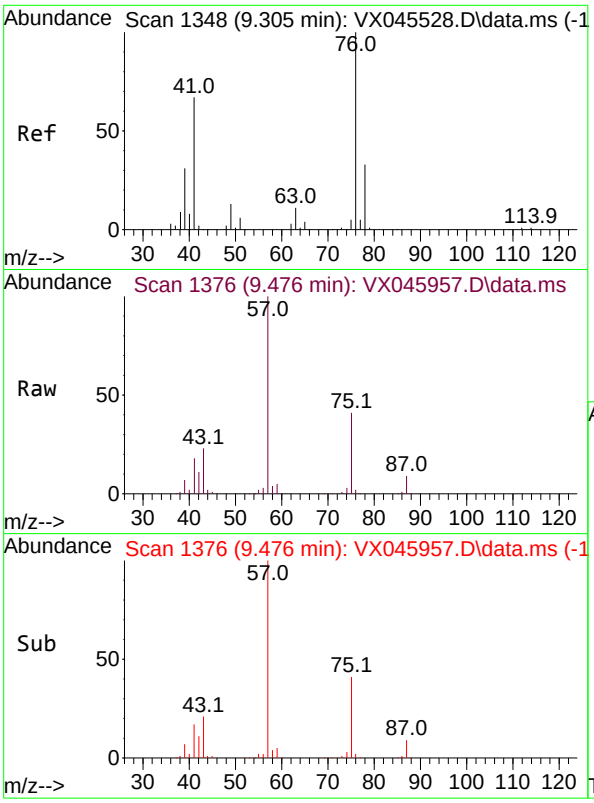


#54
cis-1,3-Dichloropropene
Concen: 10.692 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion: 75 Resp: 14473

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	45.8	48.4	72.6#



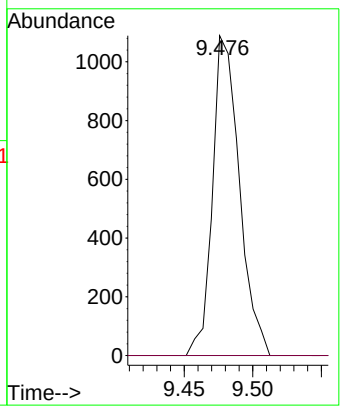


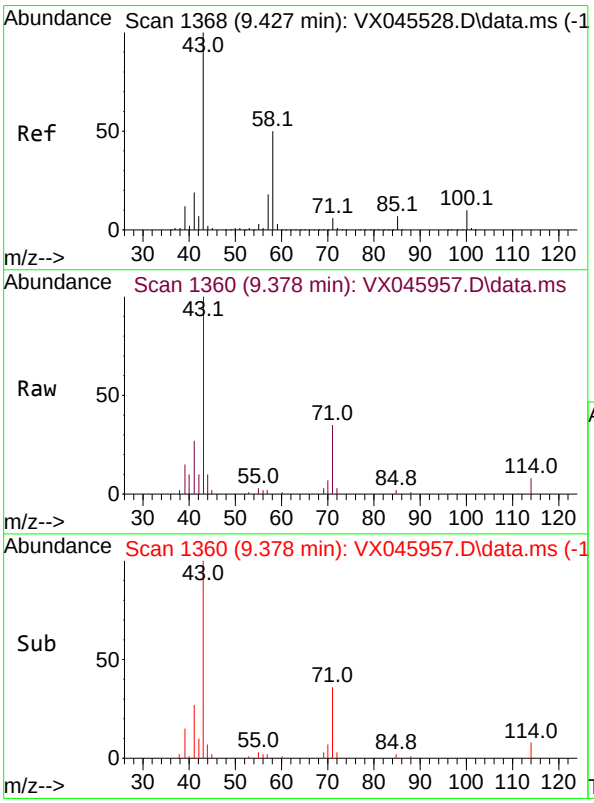
#57
1,3-Dichloropropane
Concen: 0.938 ug/l
RT: 9.476 min Scan# 1
Delta R.T. 0.171 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion: 76 Resp: 1484

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#

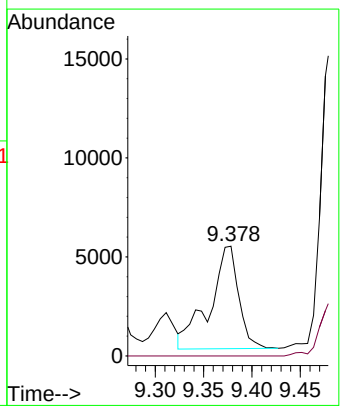


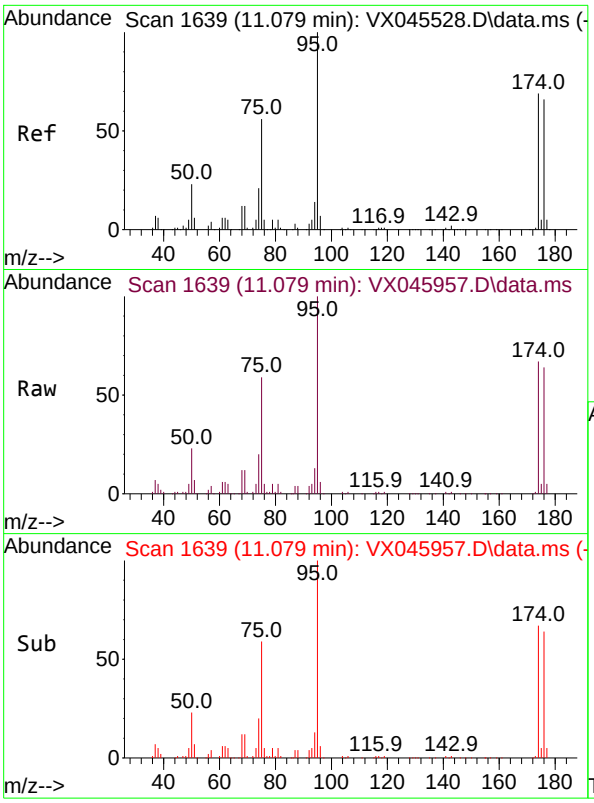


#59
2-Hexanone
Concen: 9.347 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion: 43 Resp: 10807

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.9	74.6#



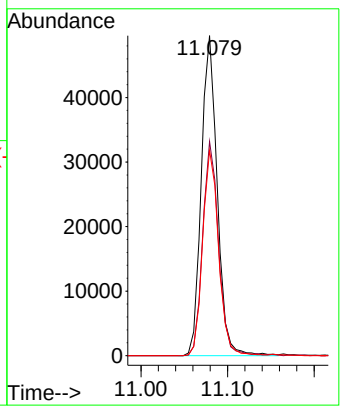


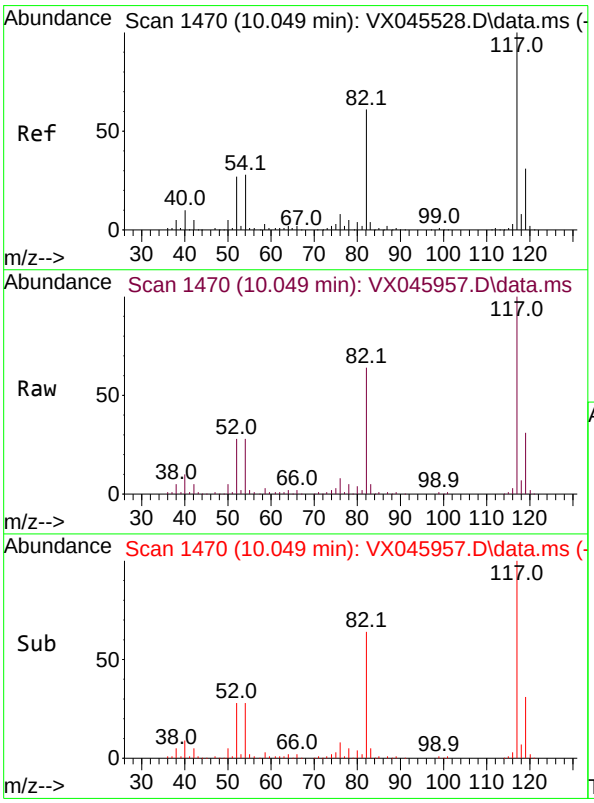
#62
4-Bromofluorobenzene
Concen: 54.650 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion: 95 Resp: 63454

Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	135.8
176	64.1	0.0	131.4

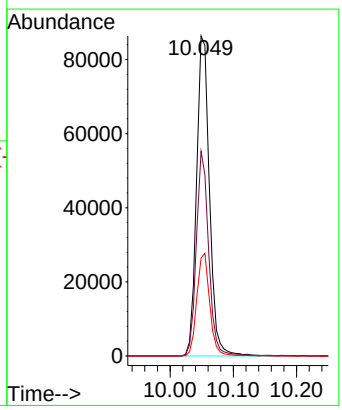


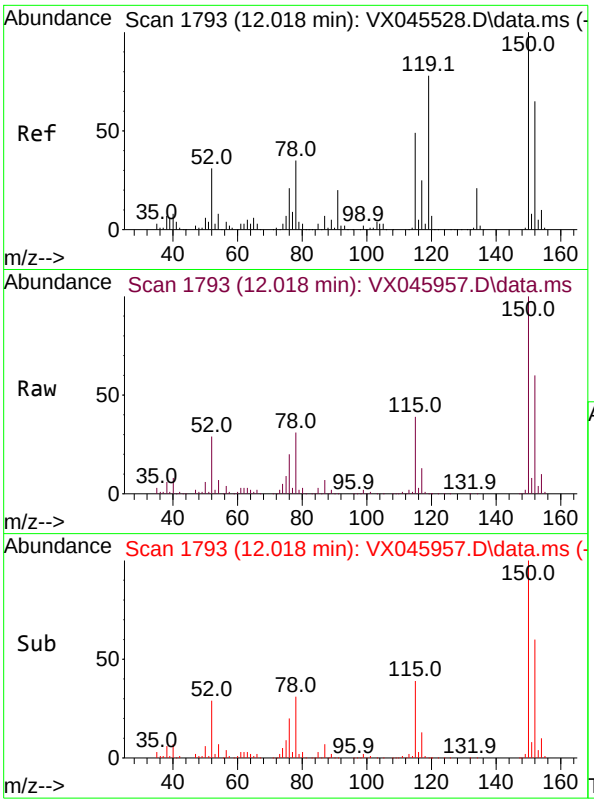


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion:117 Resp: 123117

Ion	Ratio	Lower	Upper
117	100		
82	63.9	49.2	73.8
119	30.6	25.1	37.7



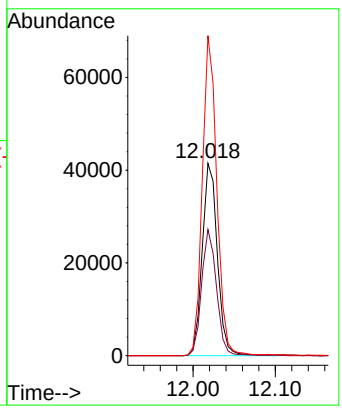


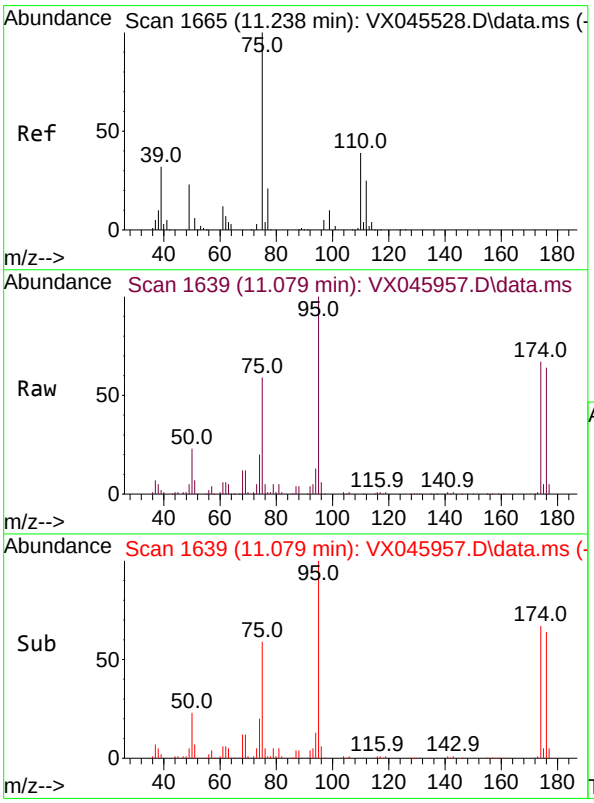
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion:152 Resp: 53117

Ion	Ratio	Lower	Upper
152	100		
115	64.2	46.9	140.7
150	158.6	0.0	349.4

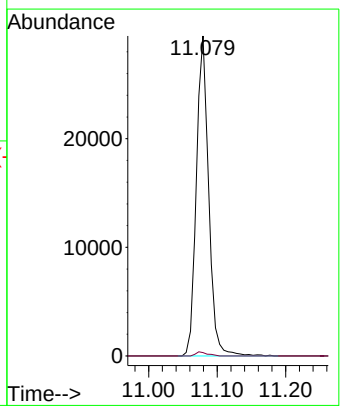


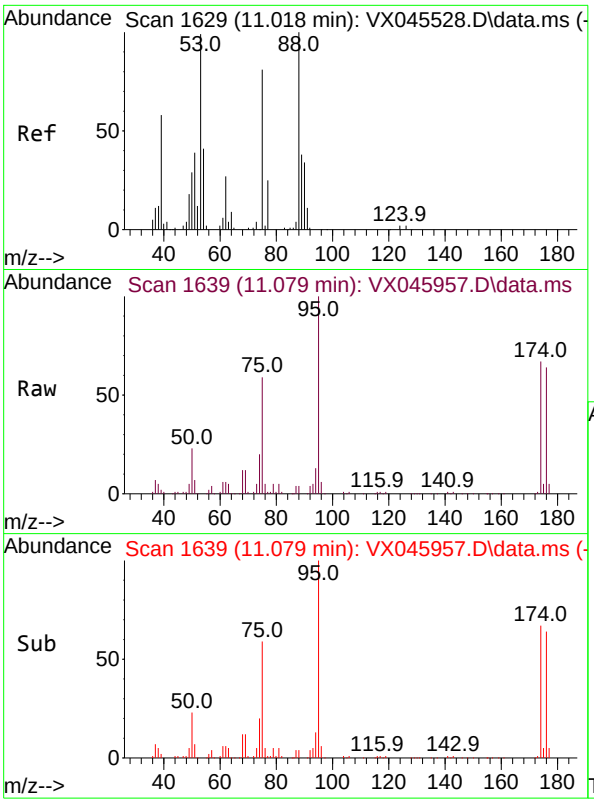


#76
1,2,3-Trichloropropane
Concen: 28.446 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Tgt Ion: 75 Resp: 36856

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.542 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045957.D
Acq: 28 Apr 2025 15:26

Instrument :
MSVOA_X
ClientSampleId :
MH-C

Tgt Ion: 75 Resp: 36856

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