Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
Data File : VX045958.D
Acq On : 28 Apr 2025 15:49
Operator : JC/MD
Sample : Q1891-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Quant Time: Apr 29 01:34:57 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

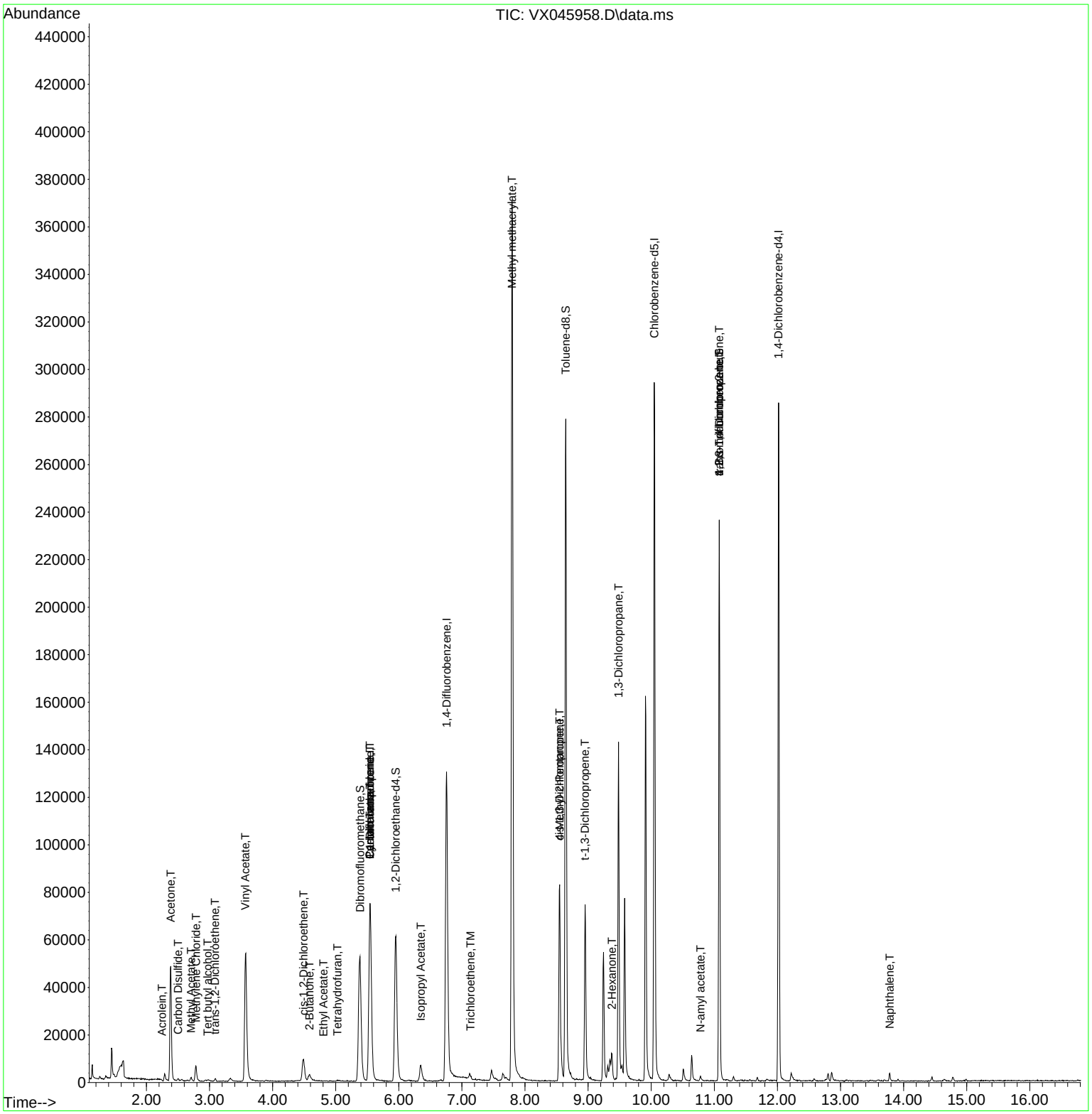
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	64553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64528	54.661	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.320%			
35) Dibromofluoromethane	5.385	113	45785	50.582	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.160%			
50) Toluene-d8	8.647	98	161060	50.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.960%			
62) 4-Bromofluorobenzene	11.079	95	60576	52.638	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.280%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	431	2.717	ug/l #	72
13) Acrolein	2.246	56	121	0.554	ug/l #	70
16) Acetone	2.386	43	54796	113.040	ug/l	97
17) Carbon Disulfide	2.502	76	1186	0.620	ug/l	97
18) Methyl Acetate	2.709	43	2078	1.862	ug/l	95
20) Methylene Chloride	2.788	84	3000	3.306	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	454	0.573	ug/l #	42
23) Vinyl Acetate	3.568	43	1074	0.429	ug/l #	74
25) 2-Butanone	4.587	43	6499	9.159	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	5760	5.972	ug/l	90
29) Tetrahydrofuran	5.026	42	110	0.239	ug/l #	35
31) Cyclohexane	5.544	56	1612	1.113	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	6316	5.168	ug/l #	51
37) Ethyl Acetate	4.806	43	316	0.205	ug/l #	71
38) Carbon Tetrachloride	5.544	117	7363	5.574	ug/l #	16
43) Isopropyl Acetate	6.348	43	9899	4.241	ug/l	98
44) Trichloroethene	7.135	130	697	0.786	ug/l	97
48) Methyl methacrylate	7.793	41	37818	31.378	ug/l #	51
51) 4-Methyl-2-Pentanone	8.549	43	36449	23.554	ug/l #	48
53) t-1,3-Dichloropropene	8.952	75	96	2.356	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	12900	9.615	ug/l #	65
57) 1,3-Dichloropropane	9.482	76	1193	0.761	ug/l #	42
59) 2-Hexanone	9.378	43	9572	8.353	ug/l #	28
74) N-amyl acetate	10.781	43	1302	0.649	ug/l #	50
76) 1,2,3-Trichloropropane	11.079	75	35585	27.843	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35585	94.497	ug/l #	1
95) Naphthalene	13.780	128	2282	0.628	ug/l #	92

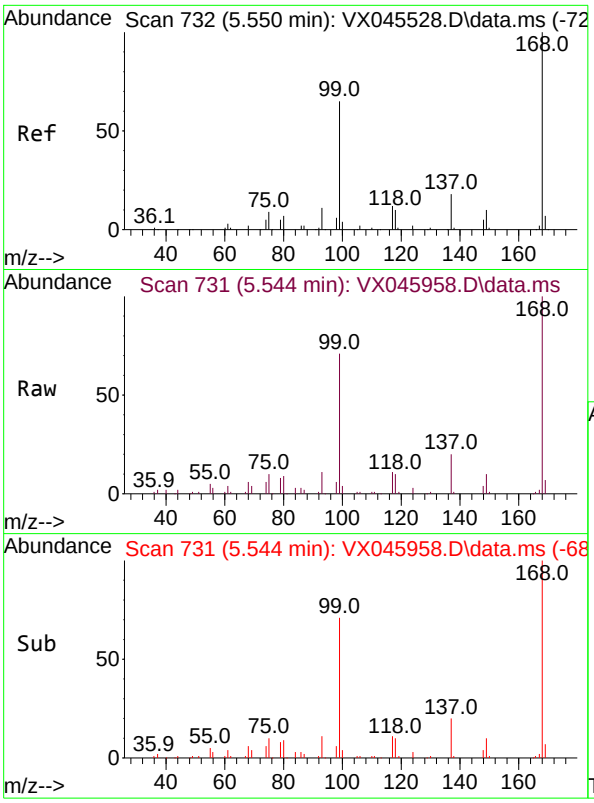
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042825\
Data File : VX045958.D
Acq On : 28 Apr 2025 15:49
Operator : JC/MD
Sample : Q1891-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Quant Time: Apr 29 01:34:57 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



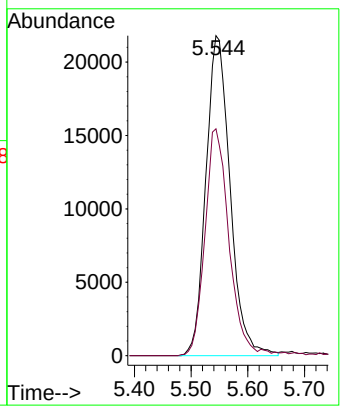


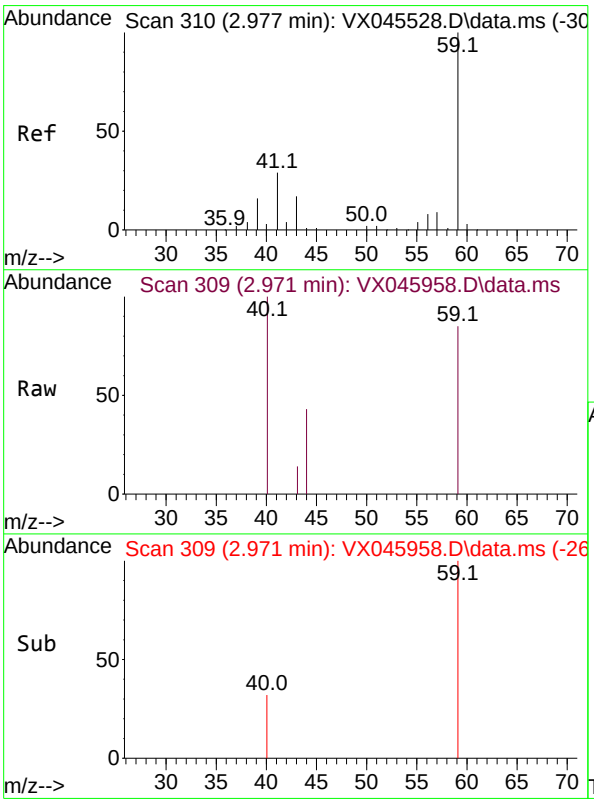
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion:168 Resp: 64553

Ion	Ratio	Lower	Upper
168	100		
99	70.9	52.3	78.5

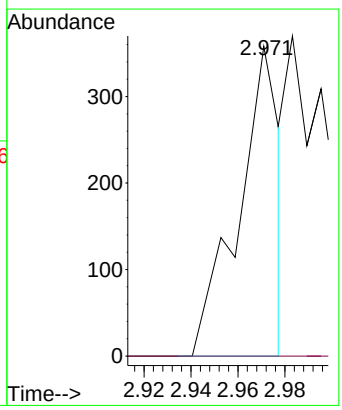


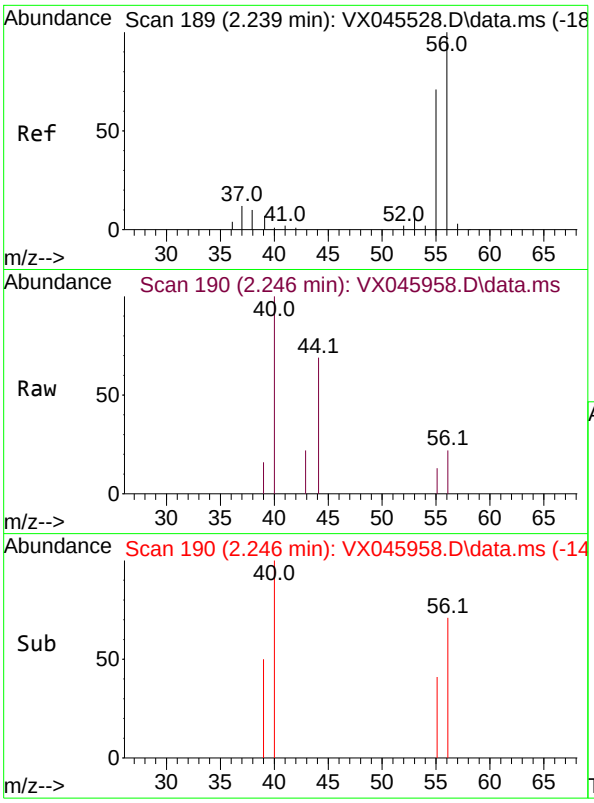


#11
Tert butyl alcohol
Concen: 2.717 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 59 Resp: 431

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



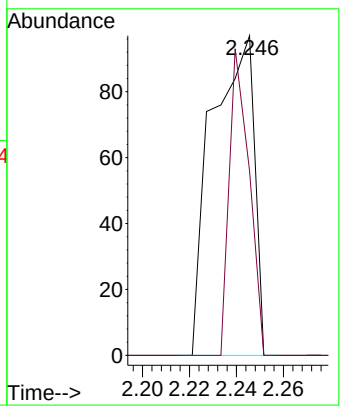


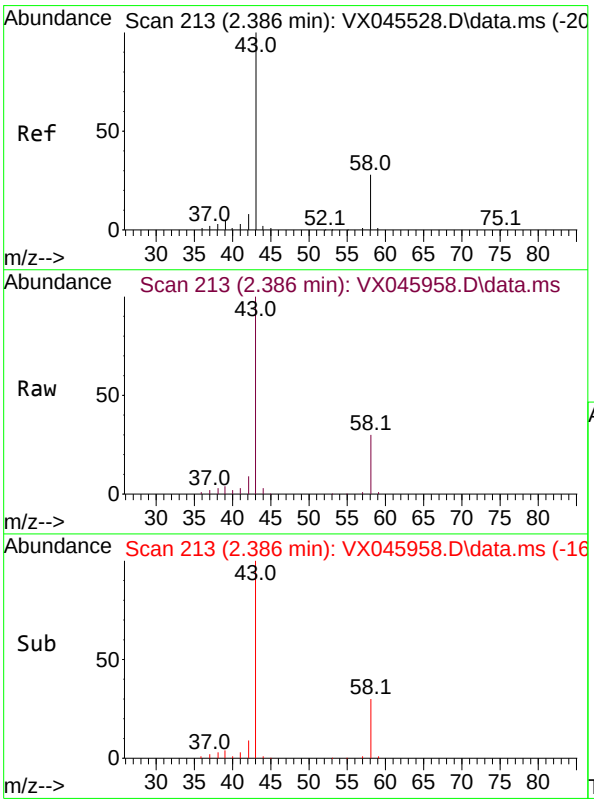
#13
Acrolein
Concen: 0.554 ug/l
RT: 2.246 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 56 Resp: 121

Ion	Ratio	Lower	Upper
56	100		
55	45.5	56.2	84.2#

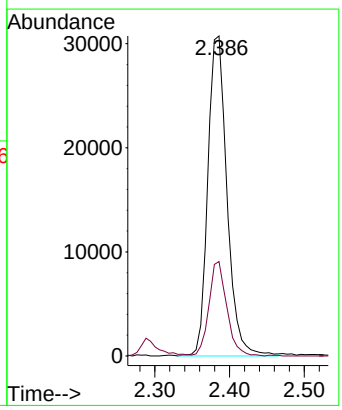


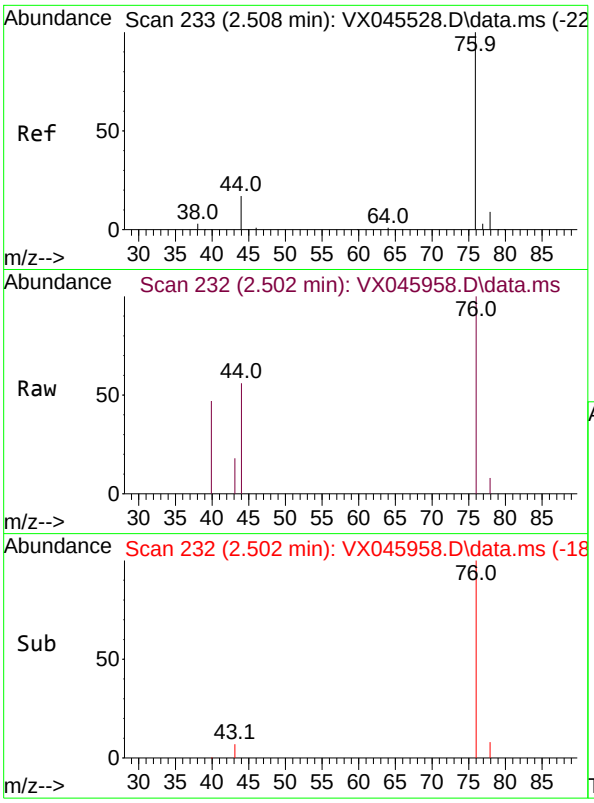


#16
Acetone
Concen: 113.040 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 43 Resp: 54796

Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.3	33.5



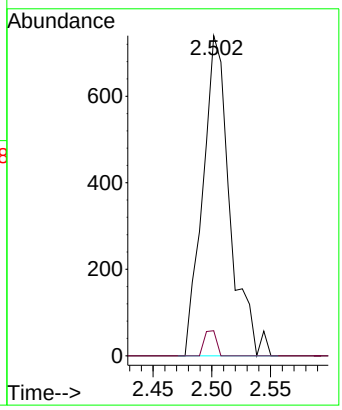


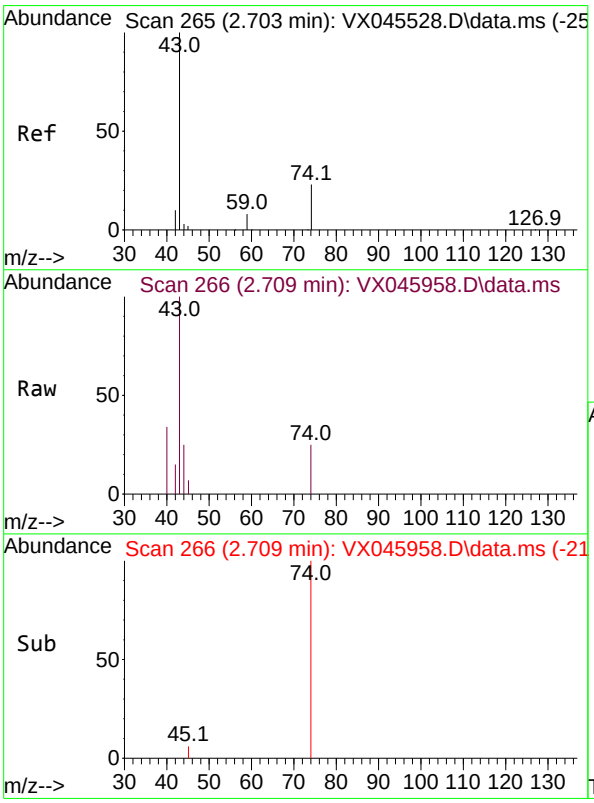
#17
Carbon Disulfide
Concen: 0.620 ug/l
RT: 2.502 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 76 Resp: 1186

Ion	Ratio	Lower	Upper
76	100		
78	7.8	7.0	10.6

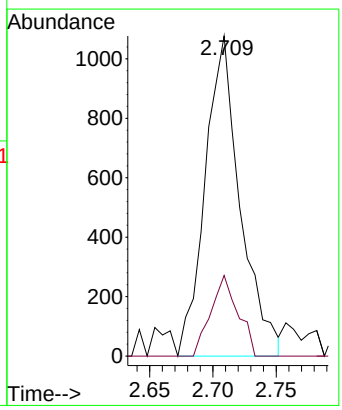


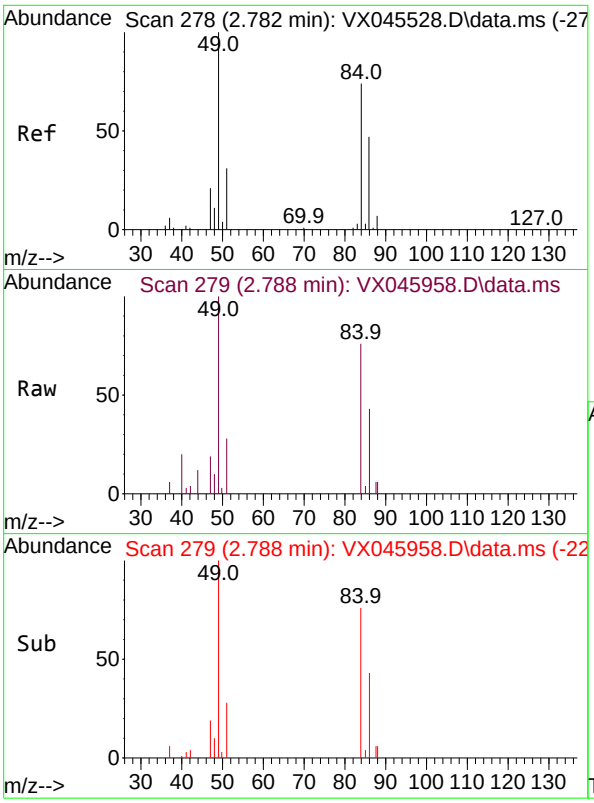


#18
Methyl Acetate
Concen: 1.862 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 43 Resp: 2078

Ion	Ratio	Lower	Upper
43	100		
74	19.4	17.5	26.3



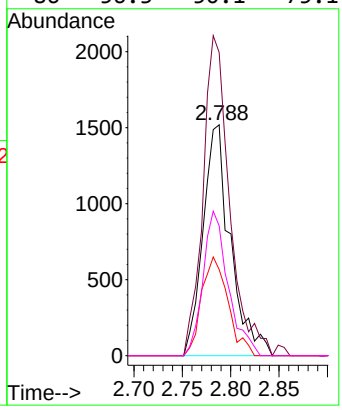


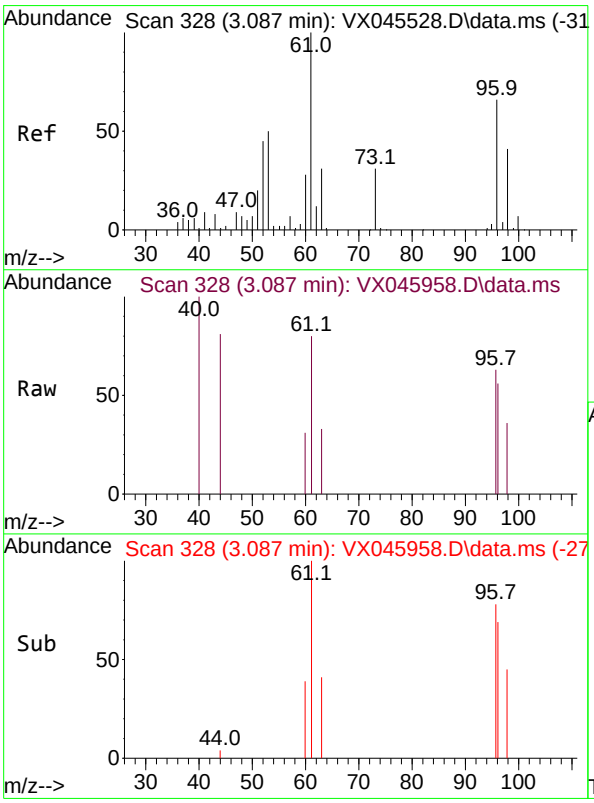
#20
Methylene Chloride
Concen: 3.306 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 84 Resp: 3000

Ion	Ratio	Lower	Upper
84	100		
49	131.3	107.5	161.3
51	37.3	33.0	49.6
86	56.3	50.1	75.1

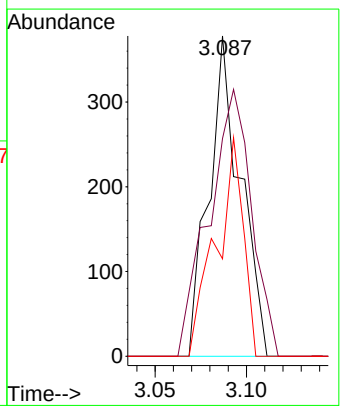


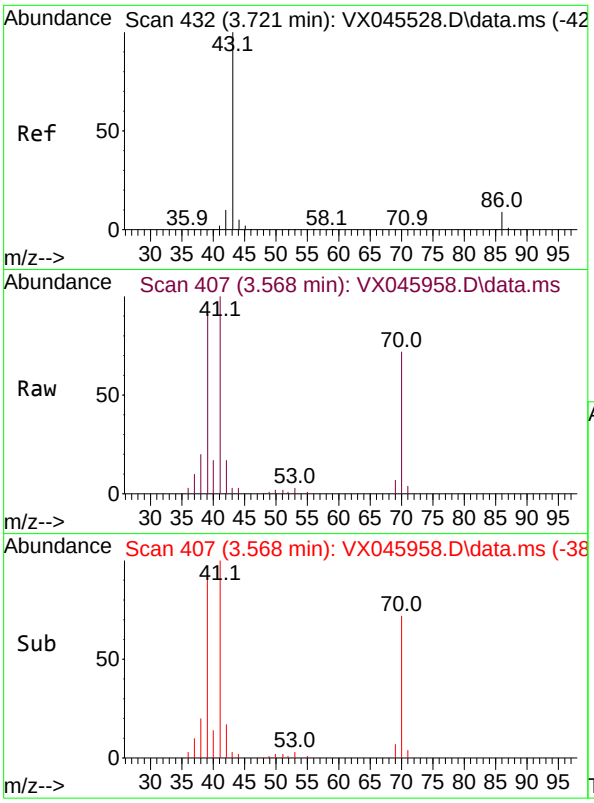


#21
trans-1,2-Dichloroethene
Concen: 0.573 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 96 Resp: 454

Ion	Ratio	Lower	Upper
96	100		
61	68.0	121.0	181.6#
98	30.4	49.7	74.5#



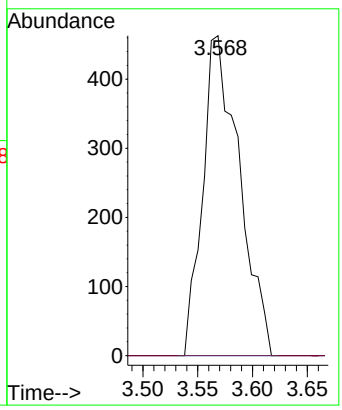


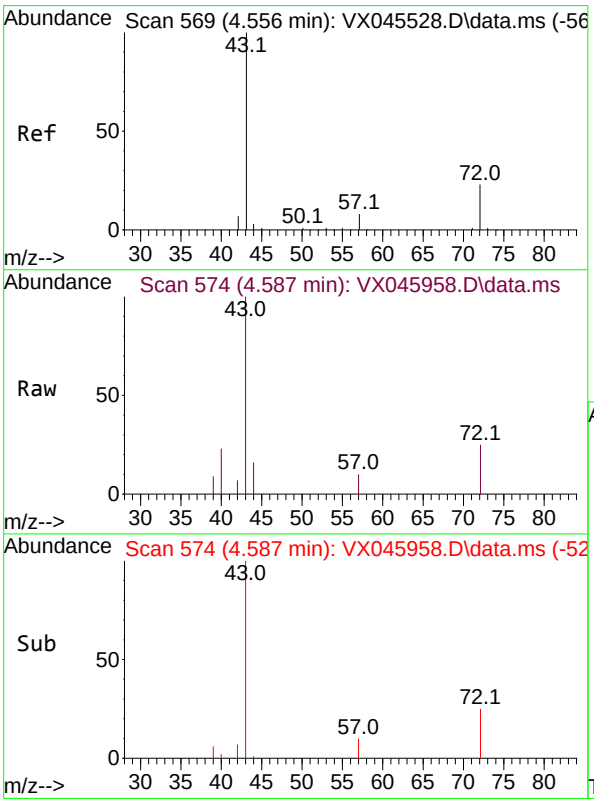
#23
Vinyl Acetate
Concen: 0.429 ug/l
RT: 3.568 min Scan# 4
Delta R.T. -0.152 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 43 Resp: 1074

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.5	11.3#

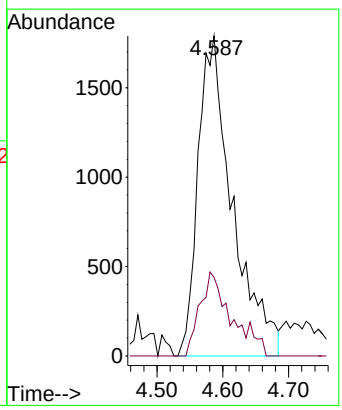


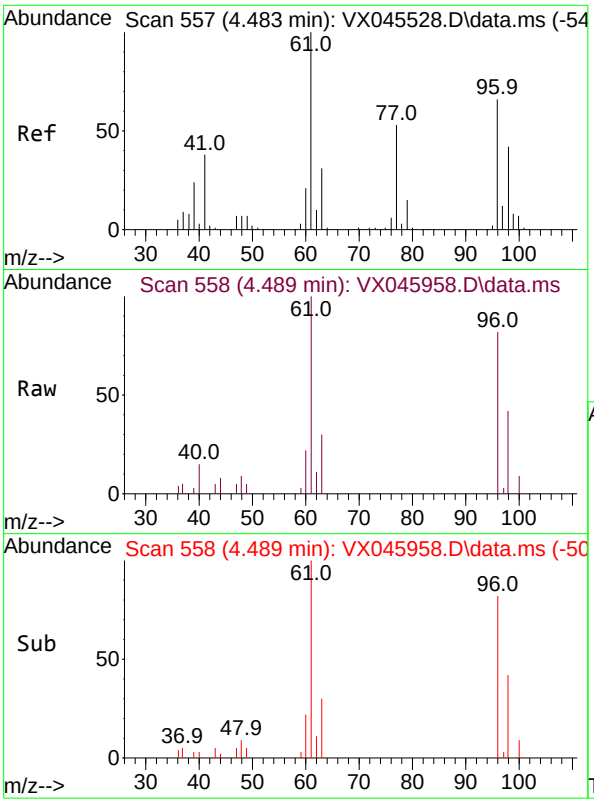


#25
2-Butanone
Concen: 9.159 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.031 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 43 Resp: 6499

Ion	Ratio	Lower	Upper
43	100		
72	24.5	18.6	28.0



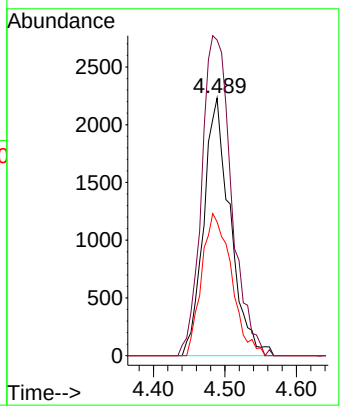


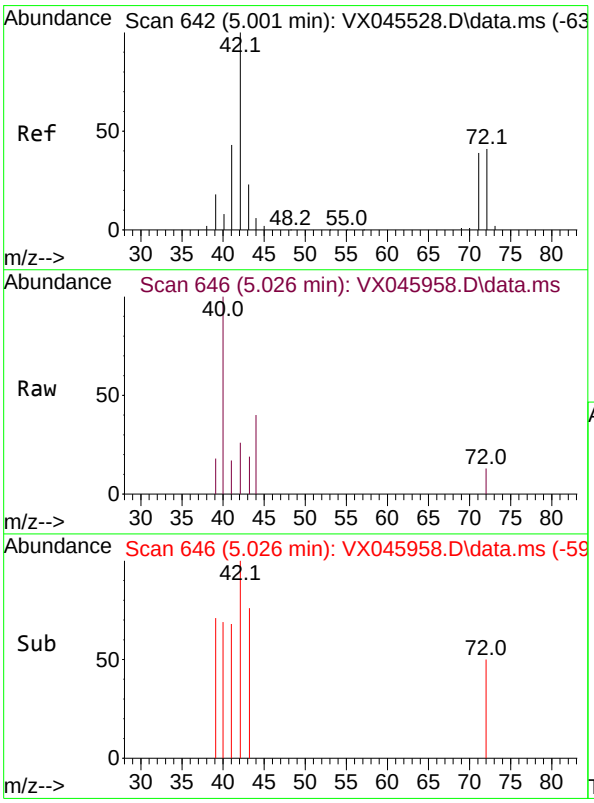
#27
cis-1,2-Dichloroethene
Concen: 5.972 ug/l
RT: 4.489 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 96 Resp: 5760

Ion	Ratio	Lower	Upper
96	100		
61	139.5	0.0	313.2
98	61.5	0.0	126.4

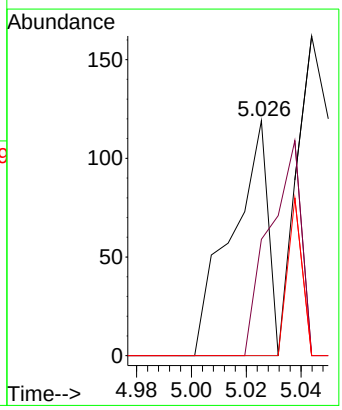


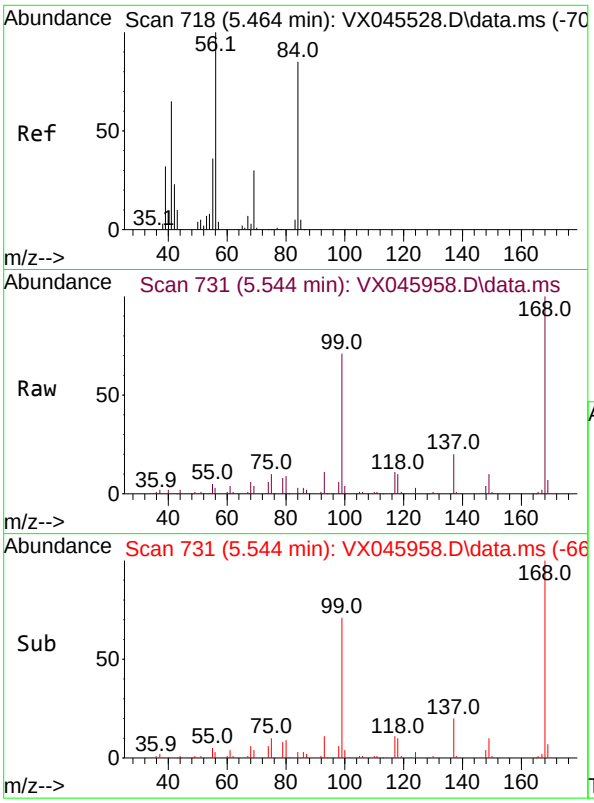


#29
Tetrahydrofuran
Concen: 0.239 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.024 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 42 Resp: 110

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



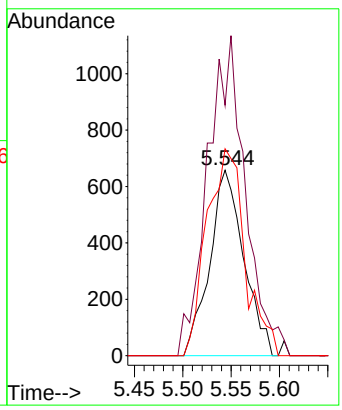


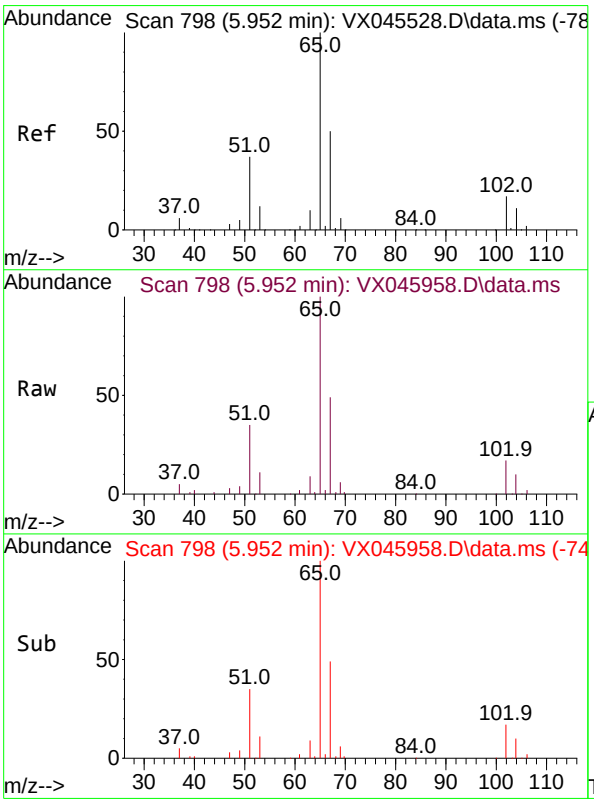
#31
Cyclohexane
Concen: 1.113 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.079 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 56 Resp: 1612

Ion	Ratio	Lower	Upper
56	100		
69	135.0	23.6	35.4#
84	111.6	67.7	101.5#

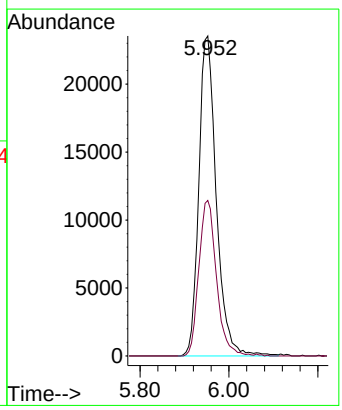


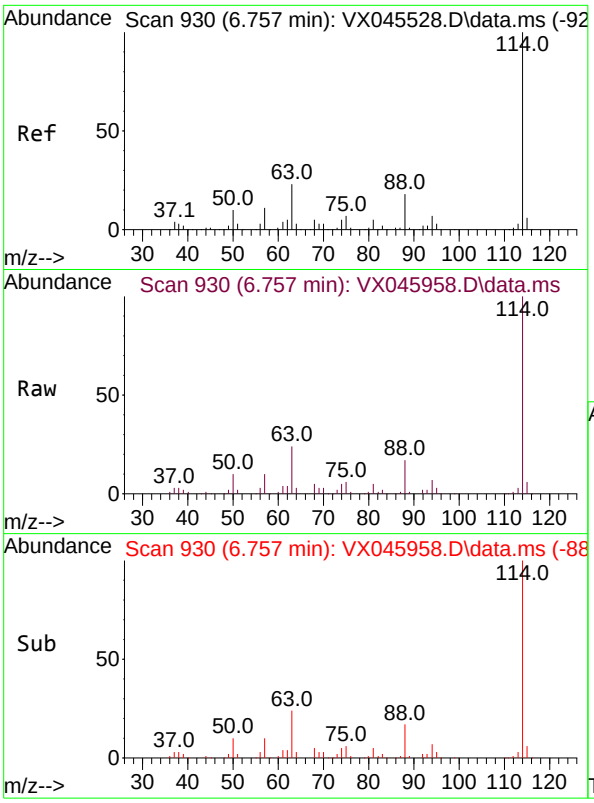


#33
1,2-Dichloroethane-d4
Concen: 54.661 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 65 Resp: 64528

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	99.0



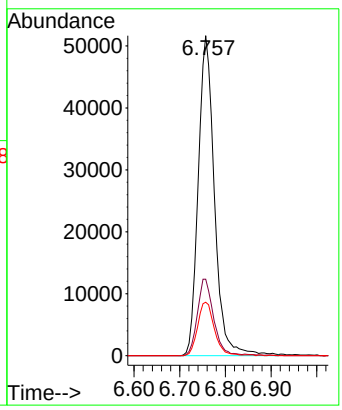


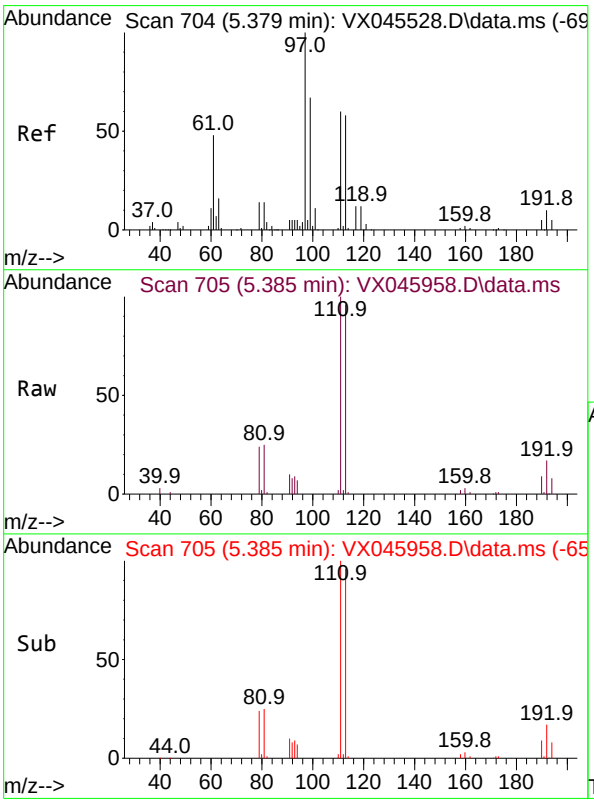
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion:114 Resp: 127577

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	46.8
88	16.7	0.0	35.4

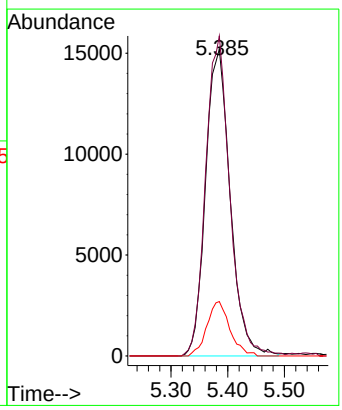


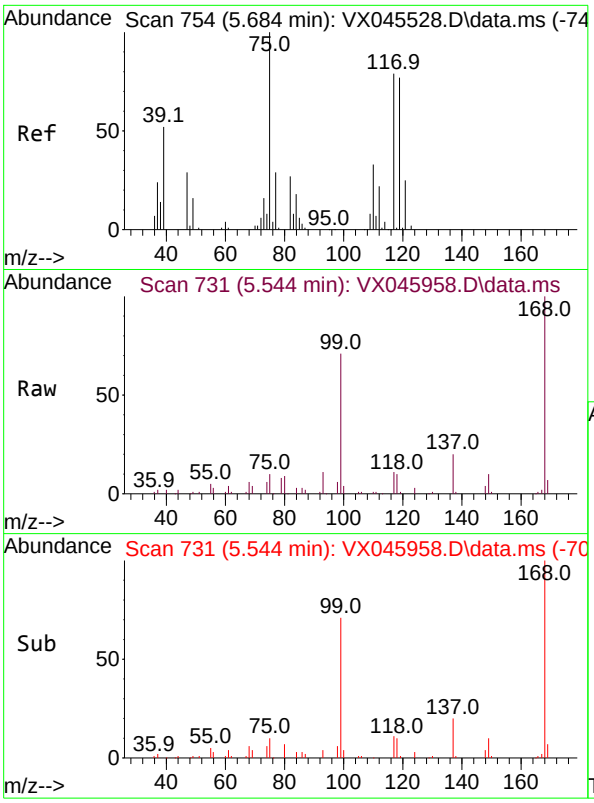


#35
Dibromofluoromethane
Concen: 50.582 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion:113 Resp: 45785

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	16.6	13.8	20.6



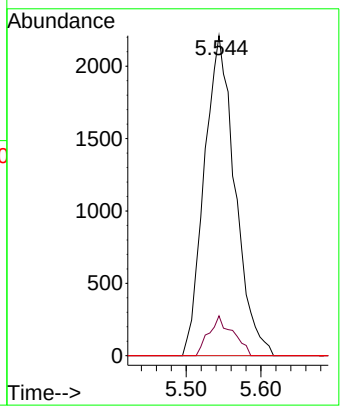


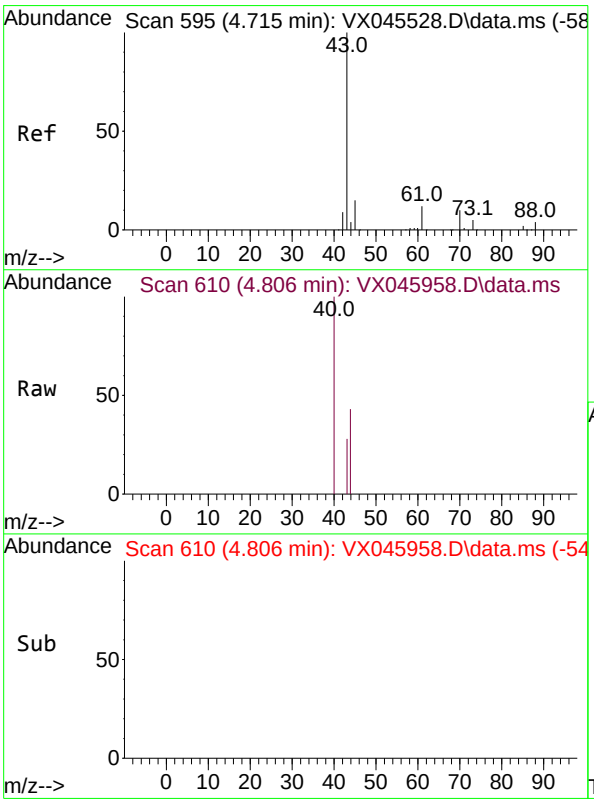
#36
1,1-Dichloropropene
Concen: 5.168 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 75 Resp: 6316

Ion	Ratio	Lower	Upper
75	100		
110	9.7	16.9	50.6#
77	0.0	25.0	37.4#

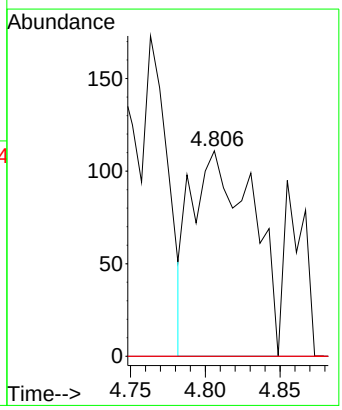


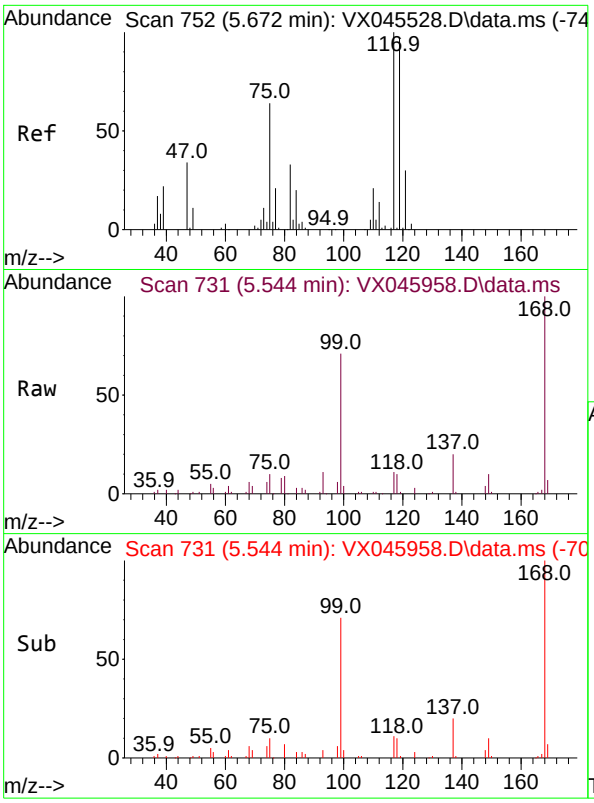


#37
Ethyl Acetate
Concen: 0.205 ug/l
RT: 4.806 min Scan# 610
Delta R.T. 0.091 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 43 Resp: 316

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.9	14.9#
70	0.0	7.5	11.3#



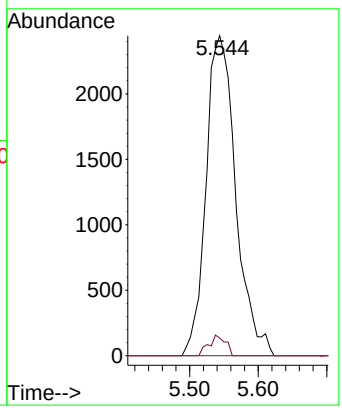


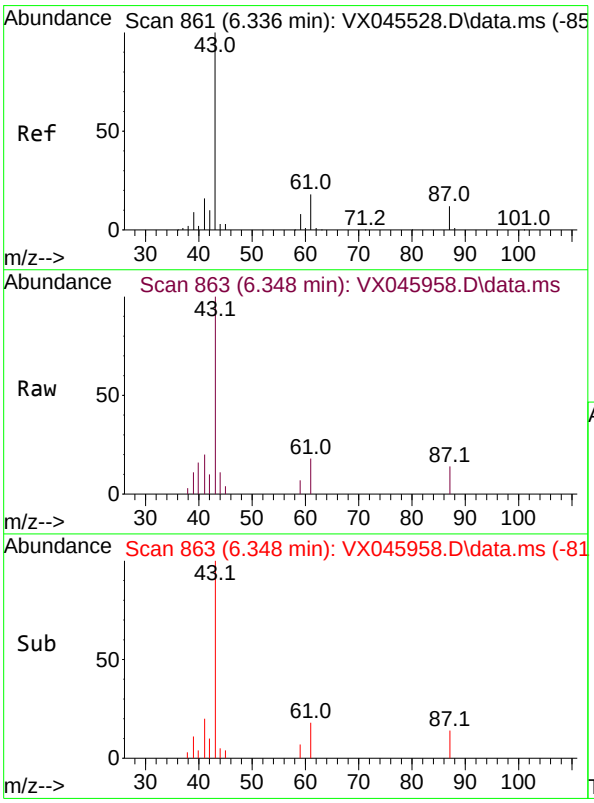
#38
Carbon Tetrachloride
Concen: 5.574 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.128 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion:117 Resp: 7363

Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.9	115.3#
121	0.0	24.2	36.2#

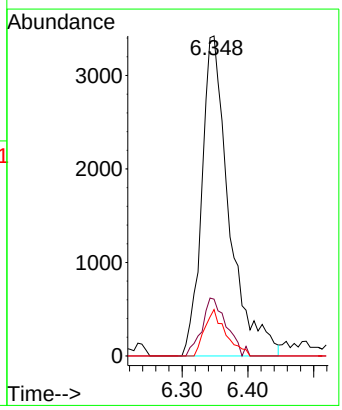


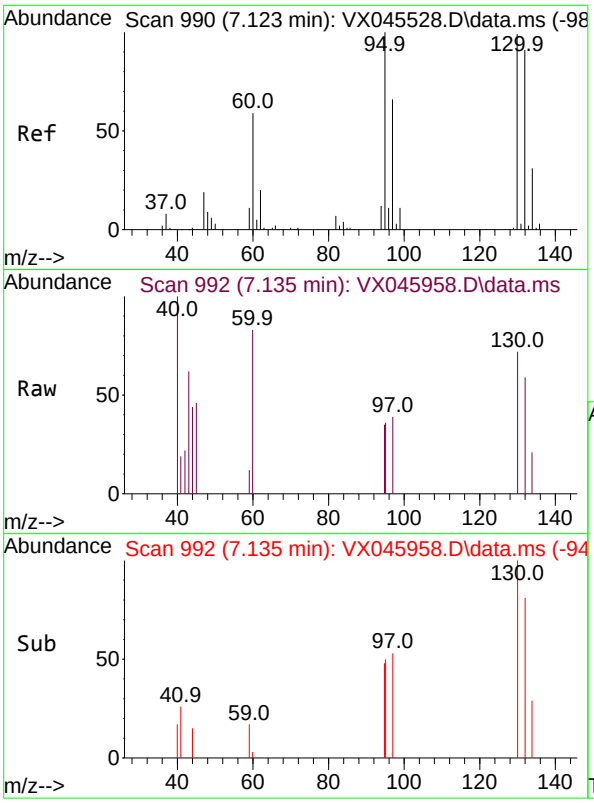


#43
Isopropyl Acetate
Concen: 4.241 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 43 Resp: 9899

Ion	Ratio	Lower	Upper
43	100		
61	16.2	14.1	21.1
87	11.2	9.2	13.8



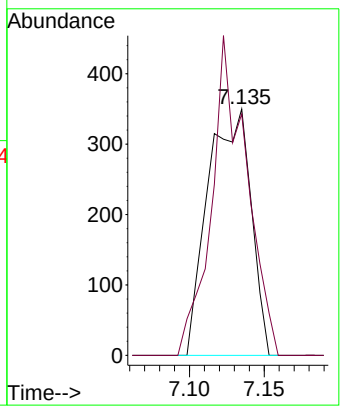


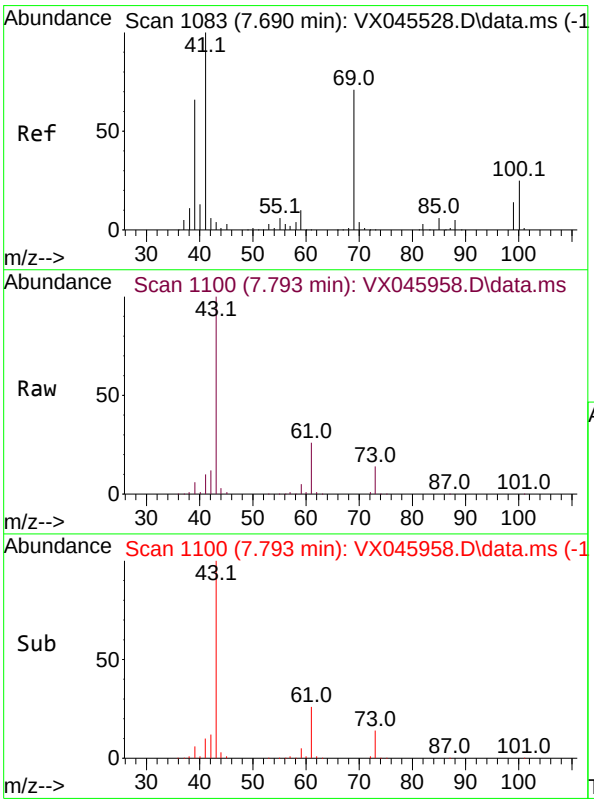
#44
Trichloroethene
Concen: 0.786 ug/l
RT: 7.135 min Scan# 9
Delta R.T. 0.012 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion:130 Resp: 697

Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	202.0

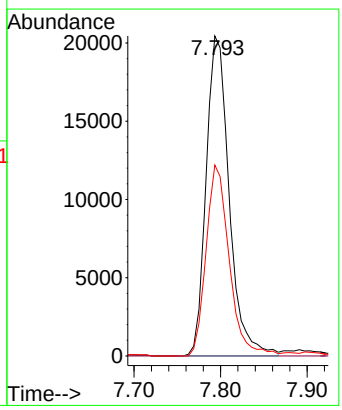


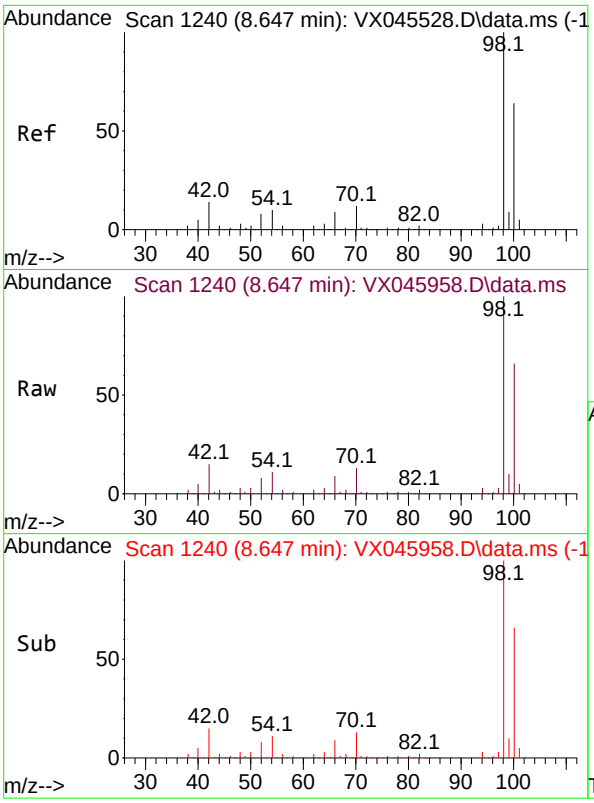


#48
Methyl methacrylate
Concen: 31.378 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 41 Resp: 37818

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.2	87.2#
39	60.1	53.6	80.4



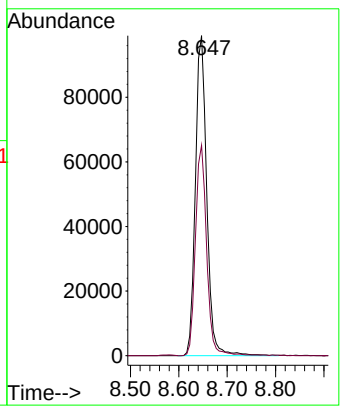


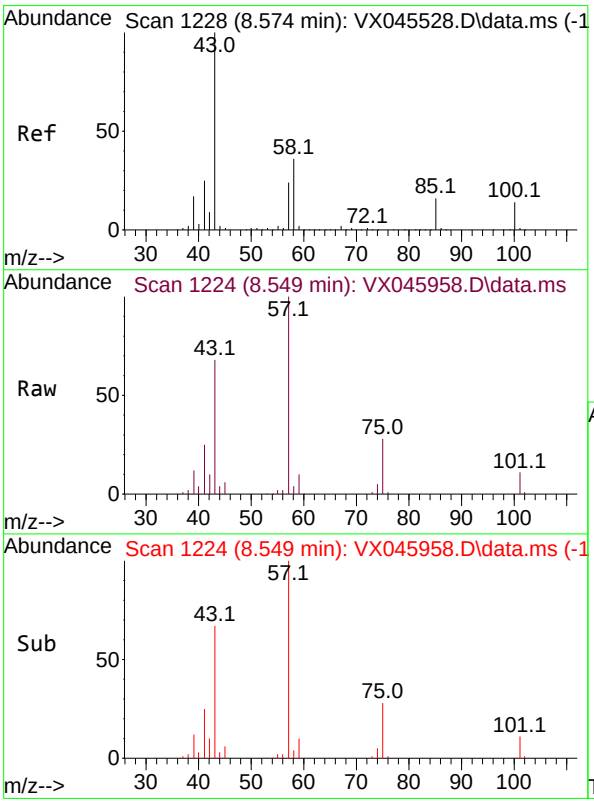
#50
Toluene-d8
Concen: 50.979 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 98 Resp: 161060

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

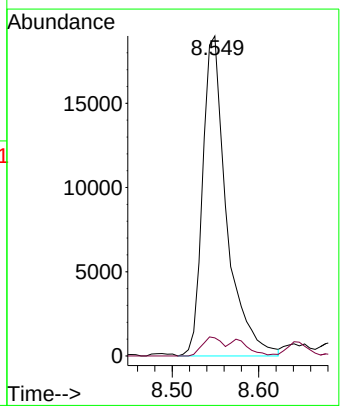


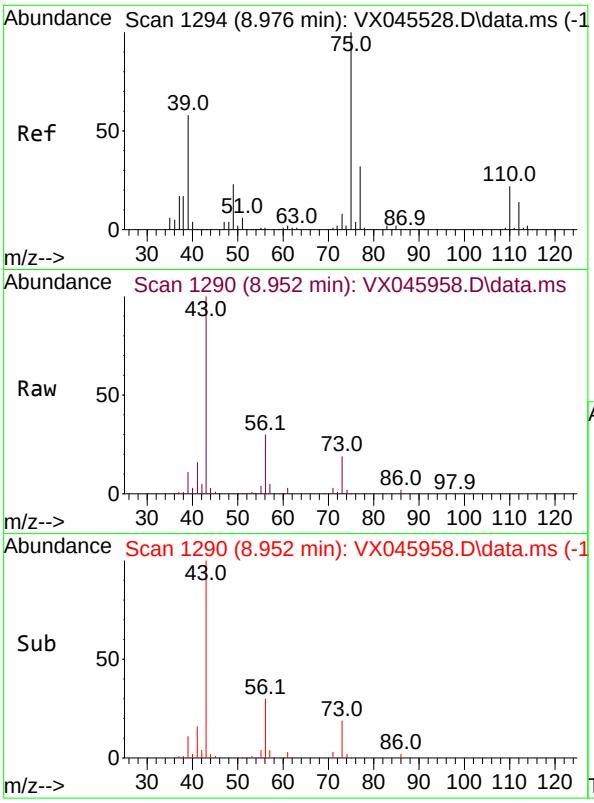


#51
4-Methyl-2-Pentanone
Concen: 23.554 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 43 Resp: 36449

Ion	Ratio	Lower	Upper
43	100		
58	5.0	28.5	42.7#



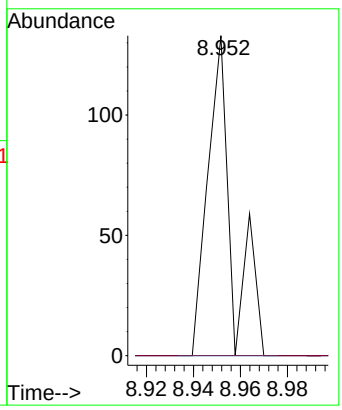


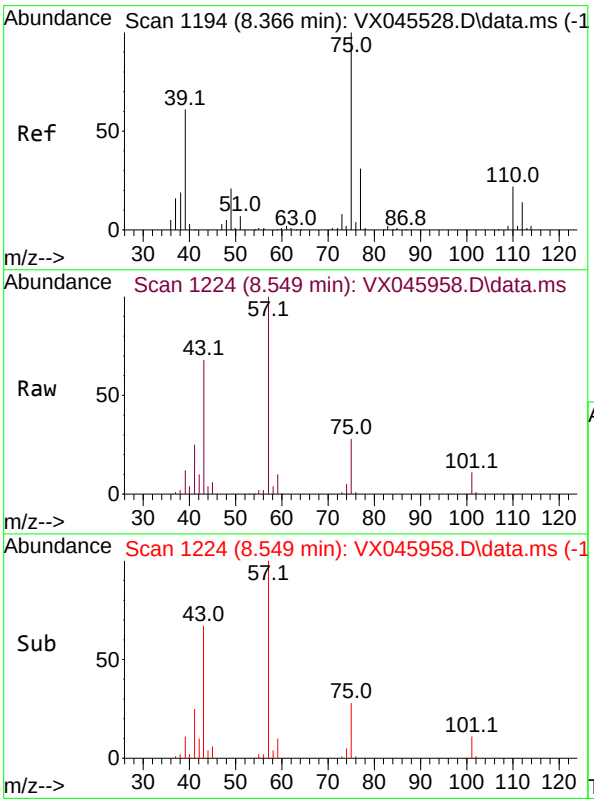
#53
t-1,3-Dichloropropene
Concen: 2.356 ug/l
RT: 8.952 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 75 Resp: 96

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#

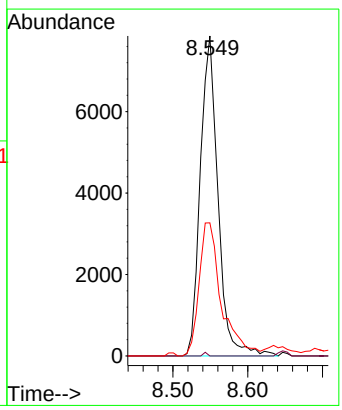


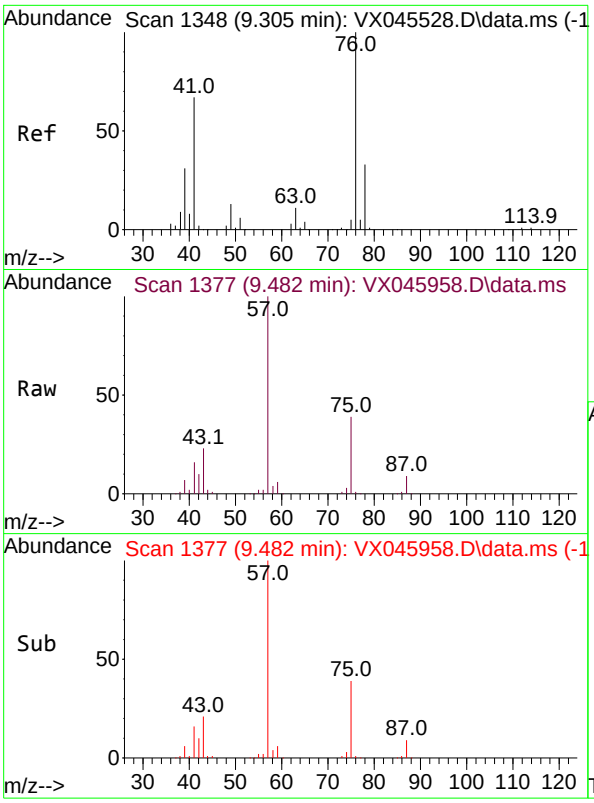


#54
cis-1,3-Dichloropropene
Concen: 9.615 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 75 Resp: 12900

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	41.6	48.4	72.6#



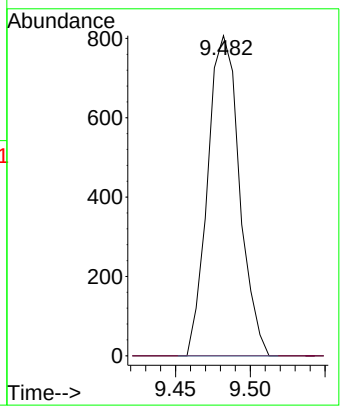


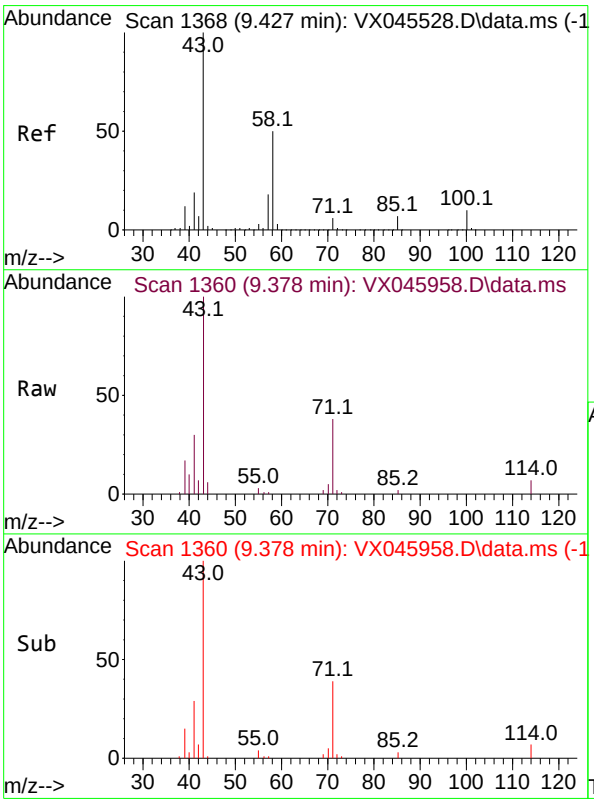
#57
1,3-Dichloropropane
Concen: 0.761 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.177 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 76 Resp: 1193

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#

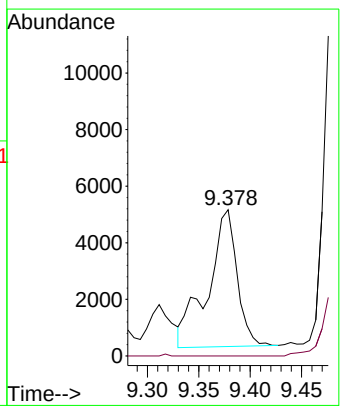


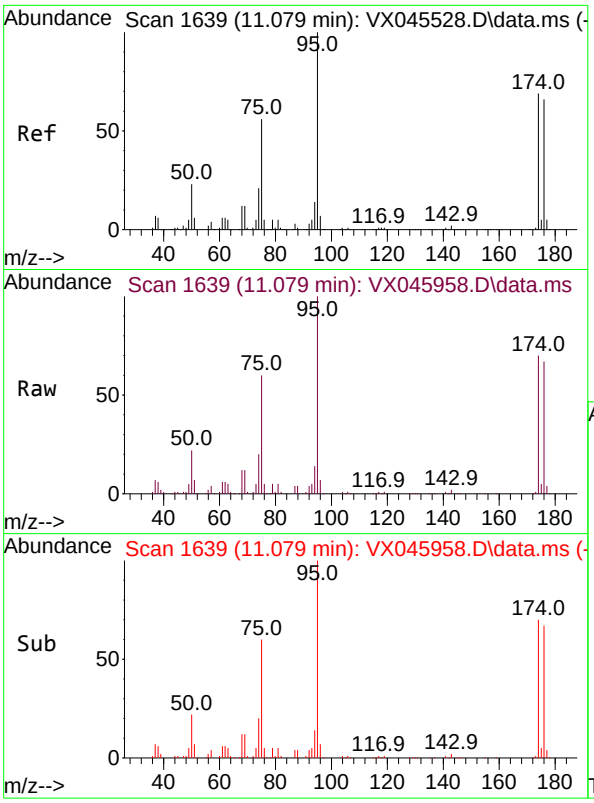


#59
2-Hexanone
Concen: 8.353 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 43 Resp: 9572

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.9	74.6#



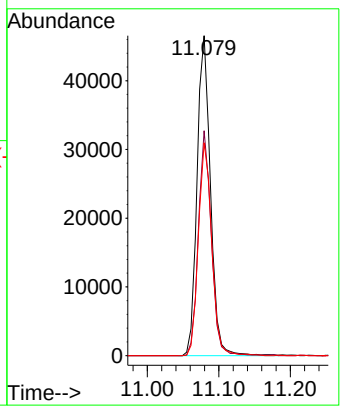


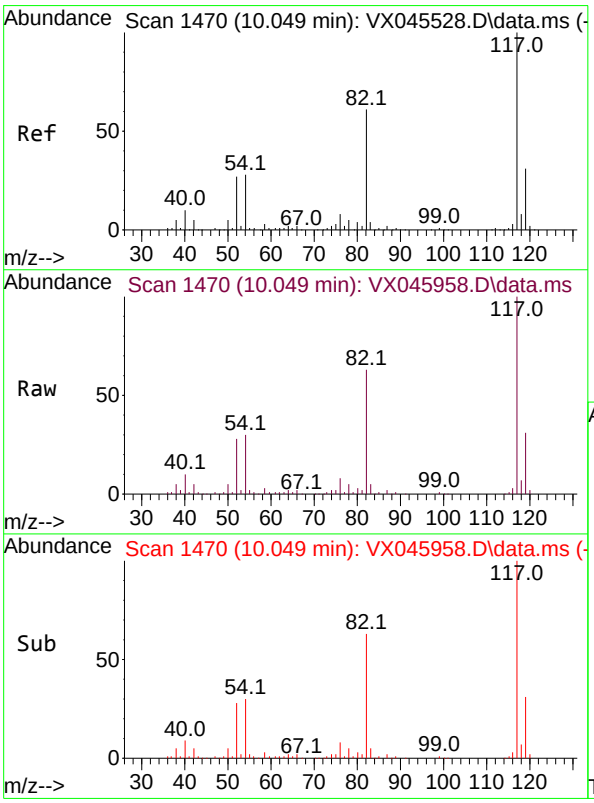
#62
4-Bromofluorobenzene
Concen: 52.638 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 95 Resp: 60576

Ion	Ratio	Lower	Upper
95	100		
174	67.7	0.0	135.8
176	66.5	0.0	131.4

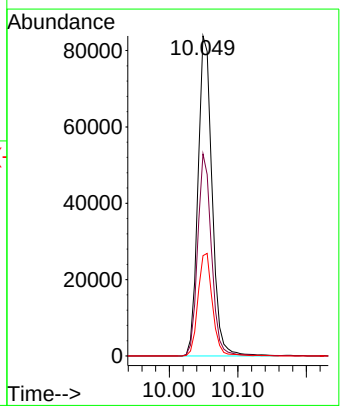


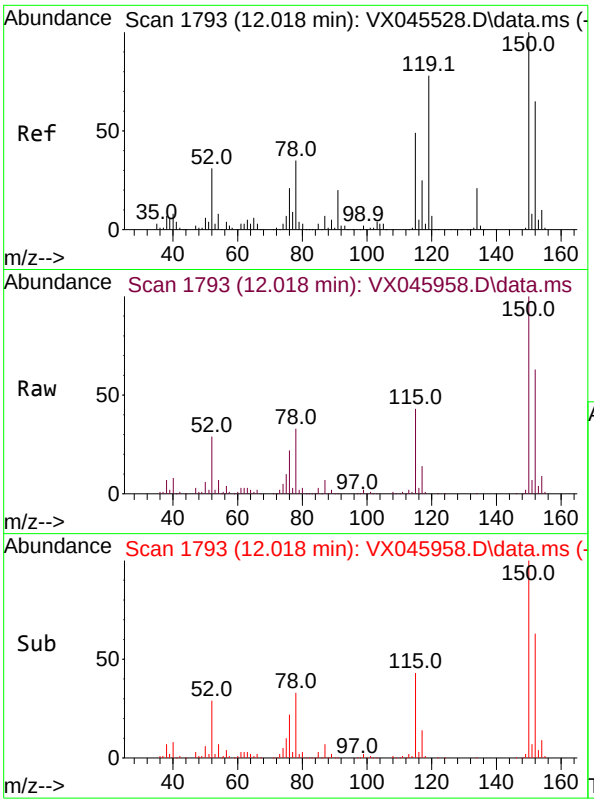


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion:117 Resp: 120116

Ion	Ratio	Lower	Upper
117	100		
82	63.1	49.2	73.8
119	31.4	25.1	37.7



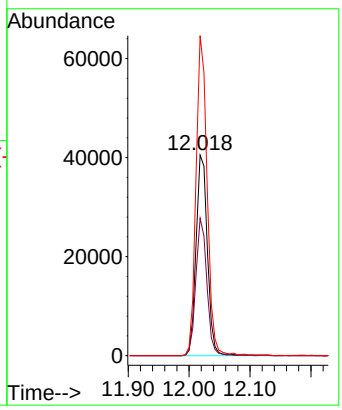


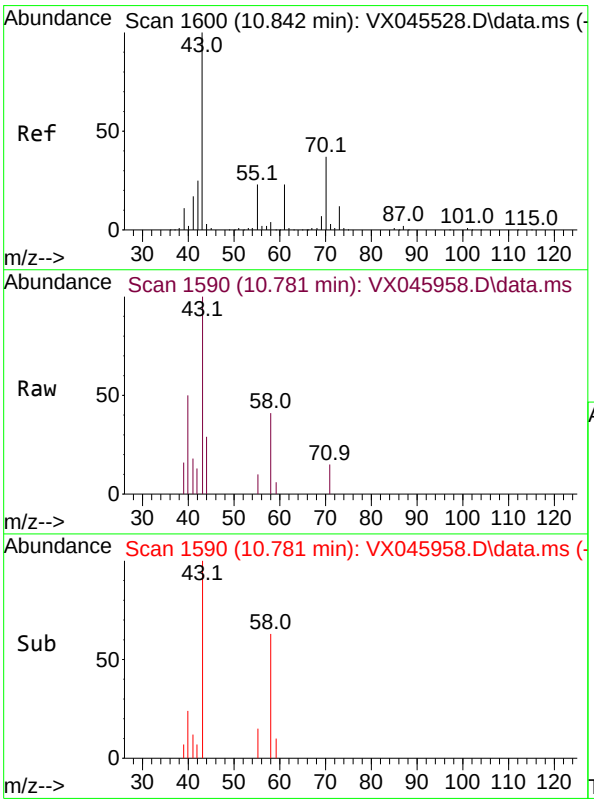
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion:152 Resp: 52395

Ion	Ratio	Lower	Upper
152	100		
115	66.7	46.9	140.7
150	156.2	0.0	349.4

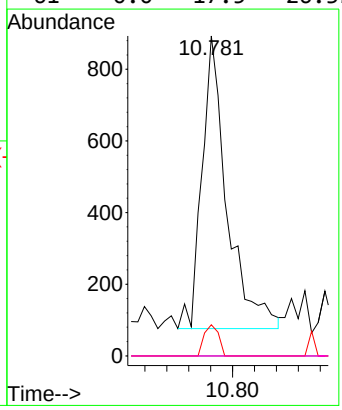


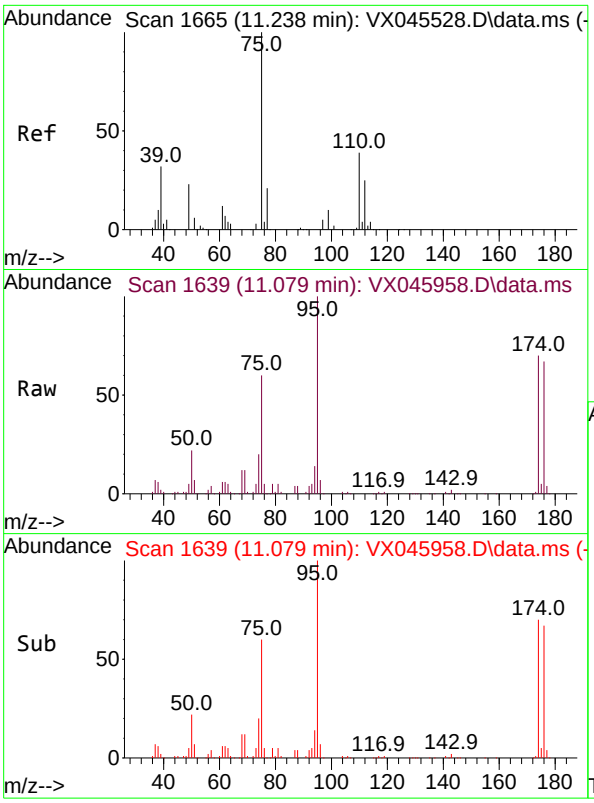


#74
N-amyl acetate
Concen: 0.649 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.061 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 43 Resp: 1302

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.1	45.1#
55	6.1	18.3	27.5#
61	0.0	17.5	26.3#



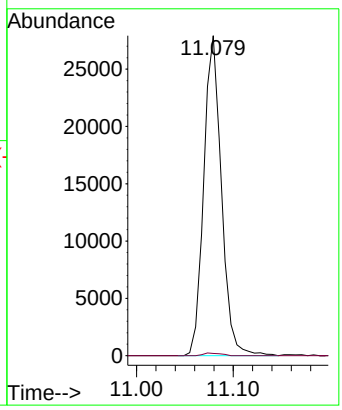


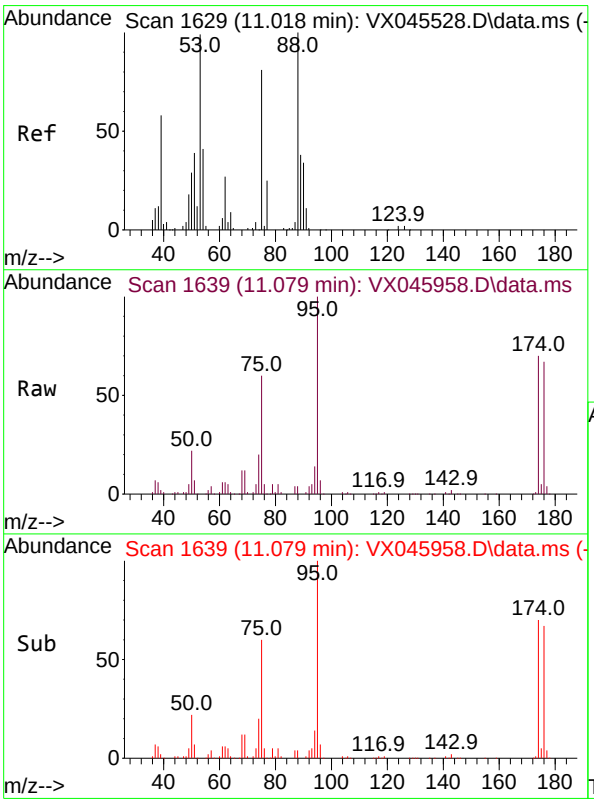
#76
1,2,3-Trichloropropane
Concen: 27.843 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion: 75 Resp: 35585

Ion	Ratio	Lower	Upper
75	100		
77	0.8	20.0	59.9#

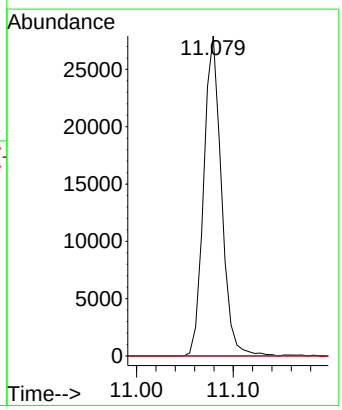


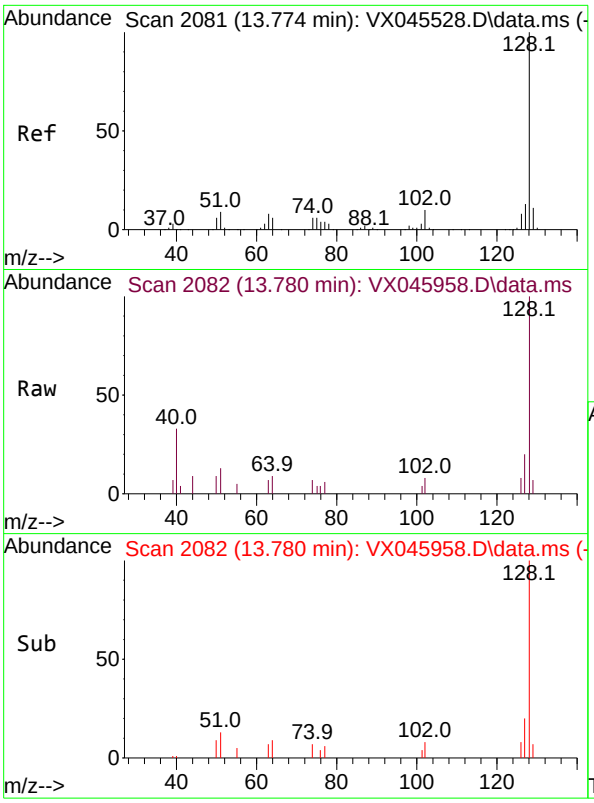


#81
trans-1,4-Dichloro-2-butene
Concen: 94.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Tgt Ion: 75 Resp: 35585

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





#95
Naphthalene
Concen: 0.628 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045958.D
Acq: 28 Apr 2025 15:49

Instrument :
MSVOA_X
ClientSampleId :
MH-D

Tgt Ion:128 Resp: 2282

Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.3	15.5#
129	6.7	8.6	12.8#