Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050225\
Data File : VX046033.D
Acq On : 02 May 2025 17:22
Operator : JC/MD
Sample : Q1932-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Quant Time: May 02 23:19:54 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	5.550	168	65765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64991	54.039	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.080%			
35) Dibromofluoromethane	5.385	113	46078	50.355	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.647	98	166270	52.058	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.120%			
62) 4-Bromofluorobenzene	11.079	95	65807	56.564	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.120%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.977	59	92	0.569	ug/l #	72
14) Allyl chloride	2.660	41	308	0.206	ug/l #	45
16) Acetone	2.386	43	20744	42.005	ug/l	97
18) Methyl Acetate	2.709	43	1965	1.728	ug/l	98
20) Methylene Chloride	2.782	84	2776	3.003	ug/l	97
25) 2-Butanone	4.599	43	1457	2.016	ug/l	92
29) Tetrahydrofuran	5.032	42	424	0.905	ug/l #	55
31) Cyclohexane	5.556	56	1984	1.345	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	6455	5.224	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7627	5.712	ug/l #	19
41) Methacrylonitrile	5.032	41	193	0.235	ug/l #	24
43) Isopropyl Acetate	6.342	43	11728	4.970	ug/l	98
48) Methyl methacrylate	7.799	41	46566	38.218	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	41745	26.684	ug/l #	50
53) t-1,3-Dichloropropene	8.952	75	176	2.410	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	15861	11.694	ug/l #	65
57) 1,3-Dichloropropane	9.482	76	1611	1.017	ug/l #	42
59) 2-Hexanone	9.378	43	12445	10.743	ug/l #	28
74) N-amyl acetate	10.781	43	1649	0.803	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	37654	28.800	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37654	97.744	ug/l #	1
95) Naphthalene	13.780	128	5760	1.549	ug/l	97

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
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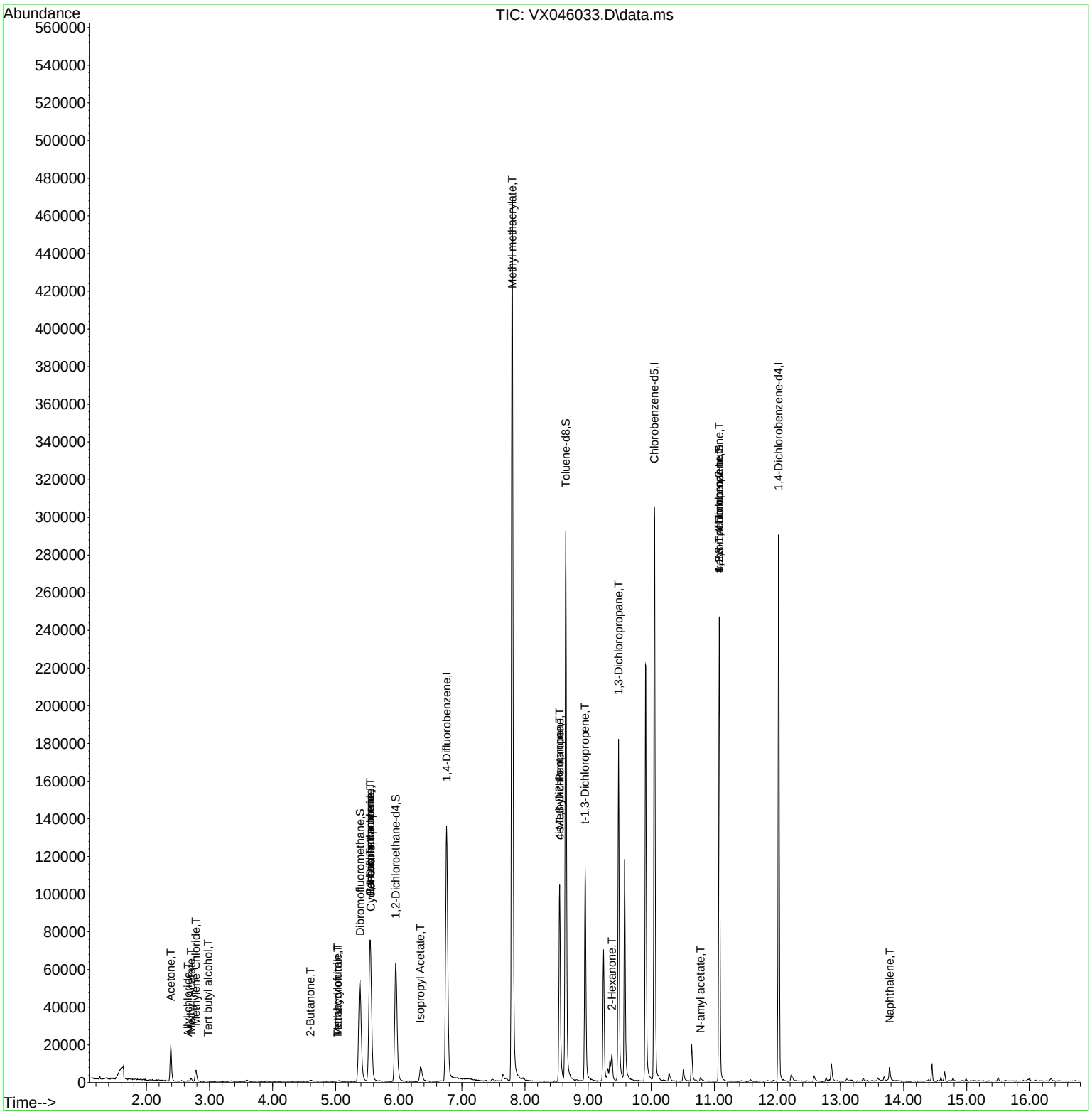
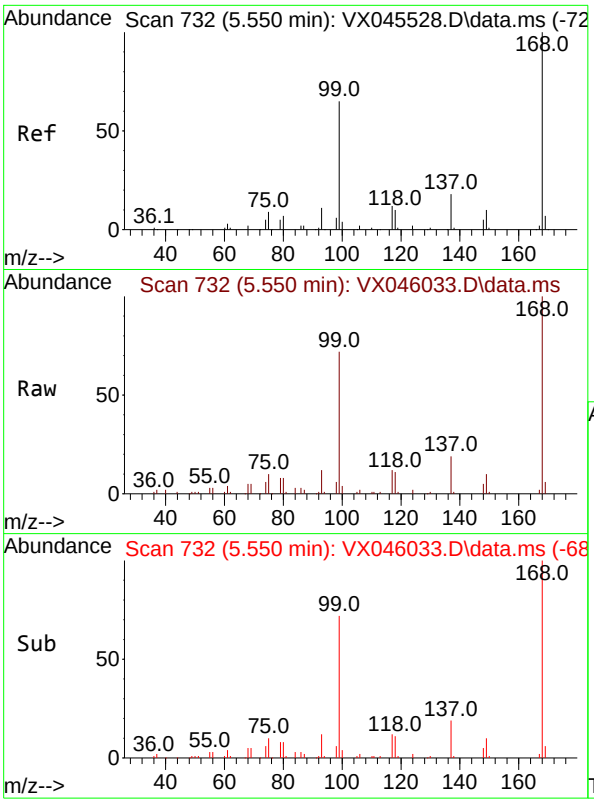


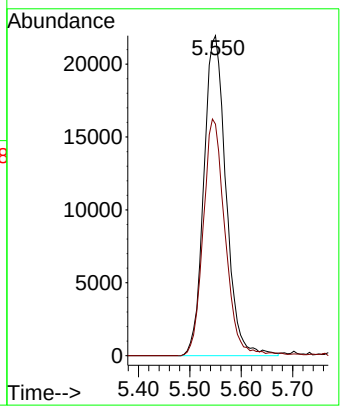


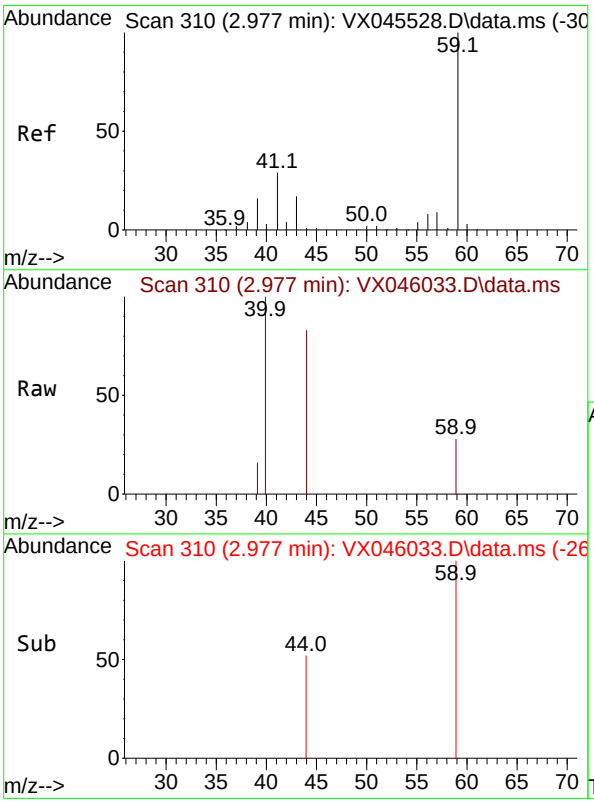
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion:168 Resp: 65765

Ion	Ratio	Lower	Upper
168	100		
99	72.4	52.3	78.5

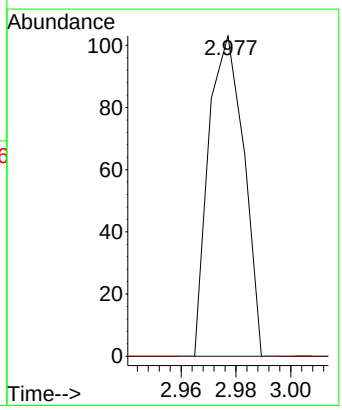


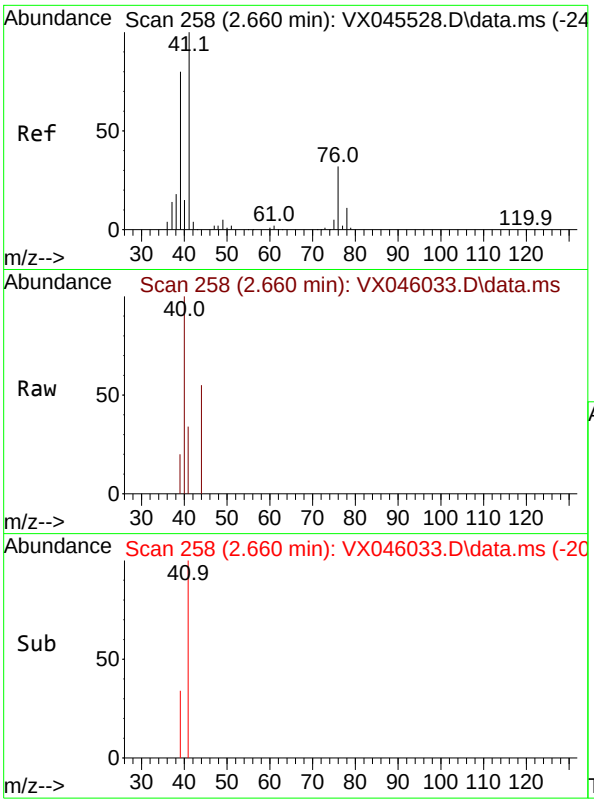


#11
Tert butyl alcohol
Concen: 0.569 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion: 59 Resp: 92

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#



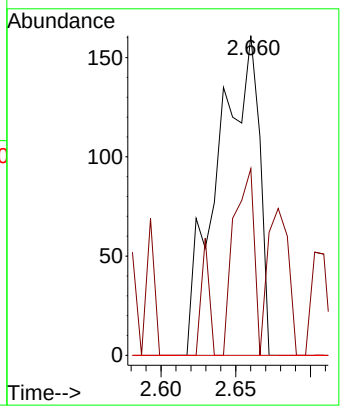


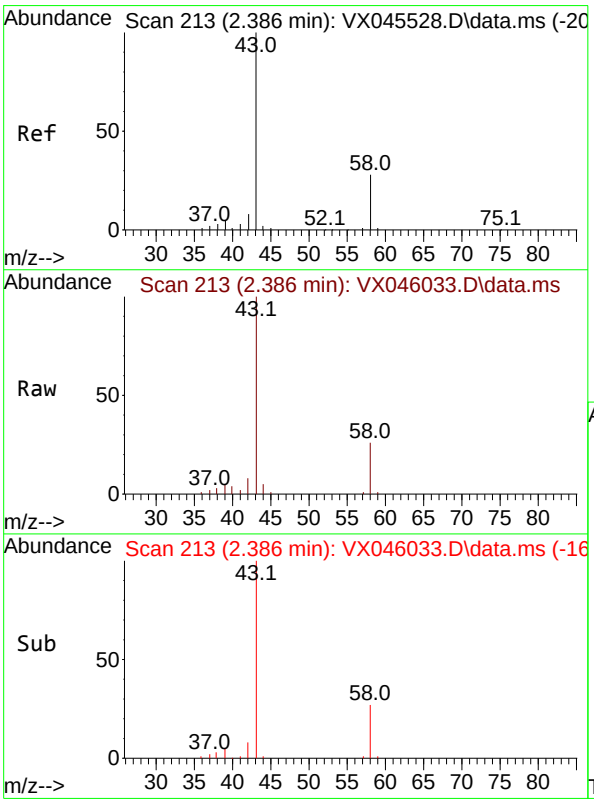
#14
Allyl chloride
Concen: 0.206 ug/l
RT: 2.660 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion: 41 Resp: 308

Ion	Ratio	Lower	Upper
41	100		
39	28.6	60.2	90.2#
76	0.0	24.6	36.8#

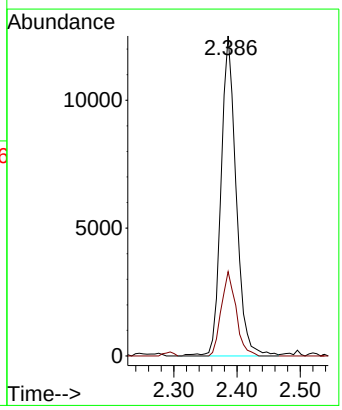


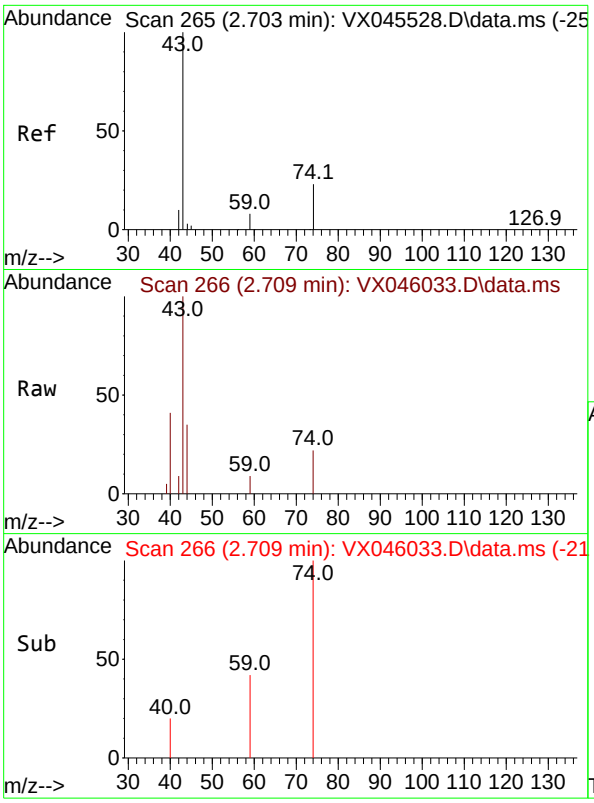


#16
Acetone
Concen: 42.005 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion: 43 Resp: 20744

Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.3	33.5



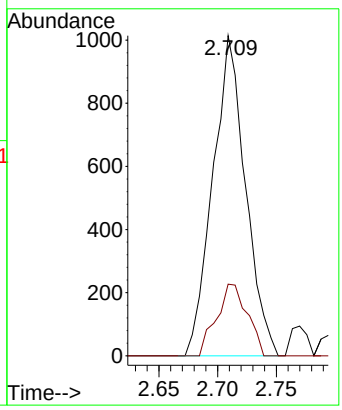


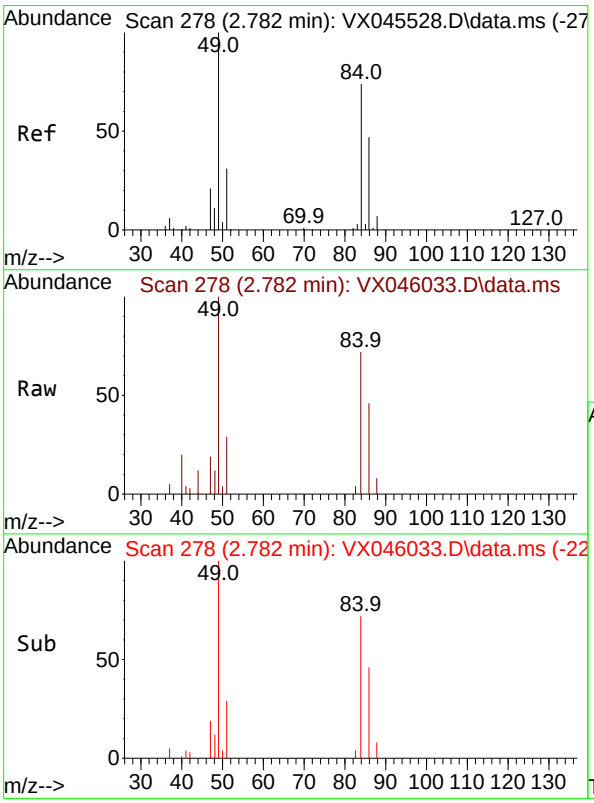
#18
Methyl Acetate
Concen: 1.728 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion: 43 Resp: 1965

Ion	Ratio	Lower	Upper
43	100		
74	21.0	17.5	26.3

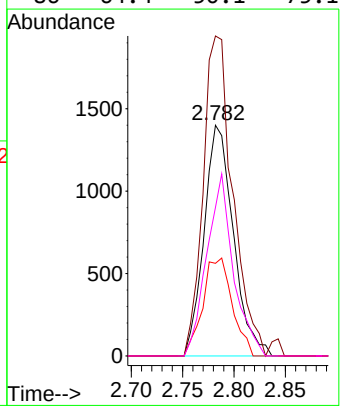


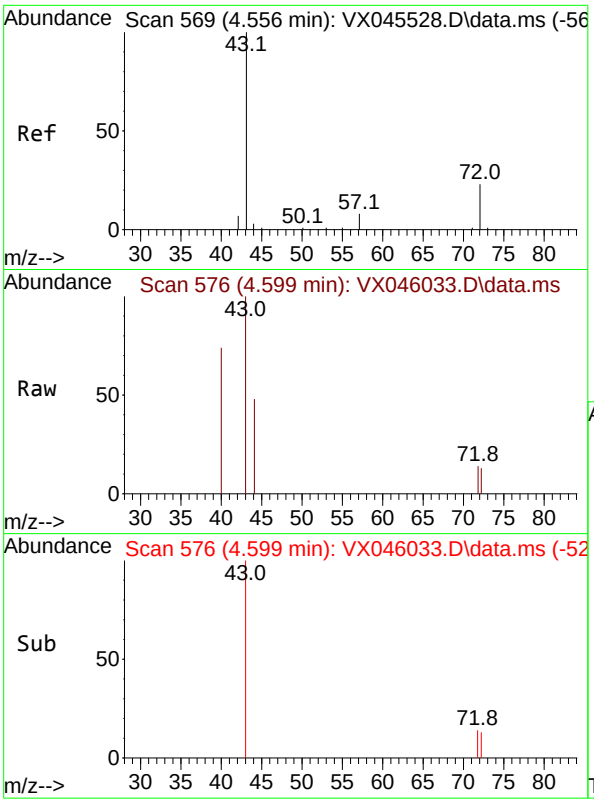


#20
Methylene Chloride
Concen: 3.003 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion: 84 Resp: 2776

Ion	Ratio	Lower	Upper
84	100		
49	138.7	107.5	161.3
51	40.1	33.0	49.6
86	64.4	50.1	75.1



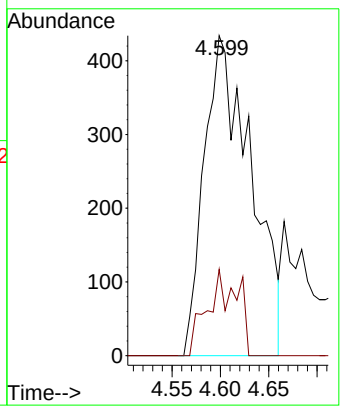


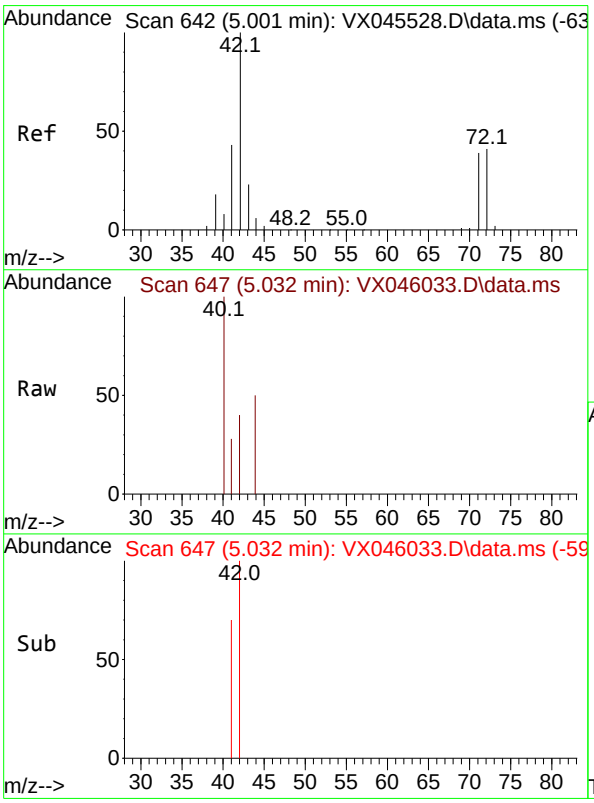
#25
2-Butanone
Concen: 2.016 ug/l
RT: 4.599 min Scan# 5
Delta R.T. 0.043 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion: 43 Resp: 1457

Ion	Ratio	Lower	Upper
43	100		
72	27.0	18.6	28.0

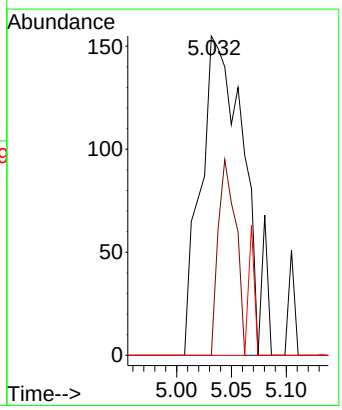


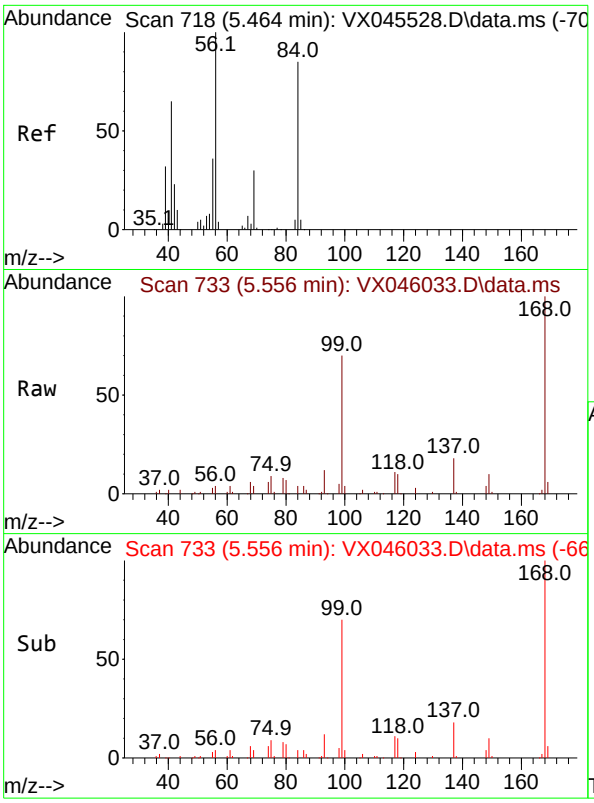


#29
Tetrahydrofuran
Concen: 0.905 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.031 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion: 42 Resp: 424

Ion	Ratio	Lower	Upper
42	100		
72	25.0	33.4	50.0#
71	0.0	31.4	47.0#



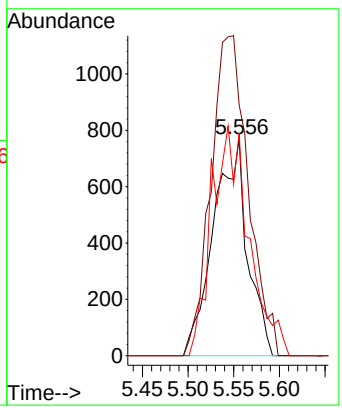


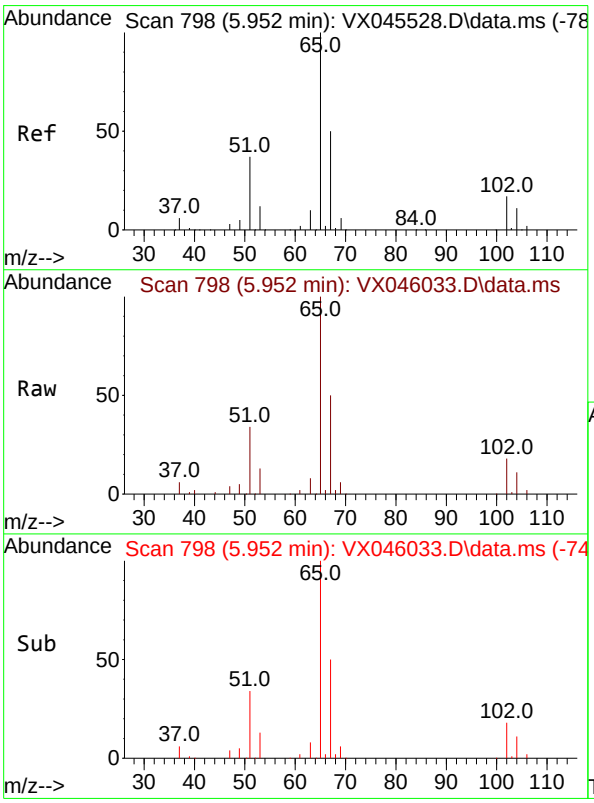
#31
Cyclohexane
Concen: 1.345 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.091 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion: 56 Resp: 1984

Ion	Ratio	Lower	Upper
56	100		
69	115.7	23.6	35.4#
84	102.7	67.7	101.5#

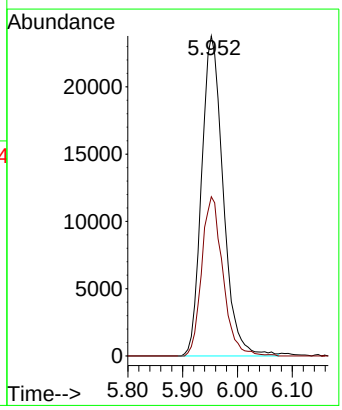


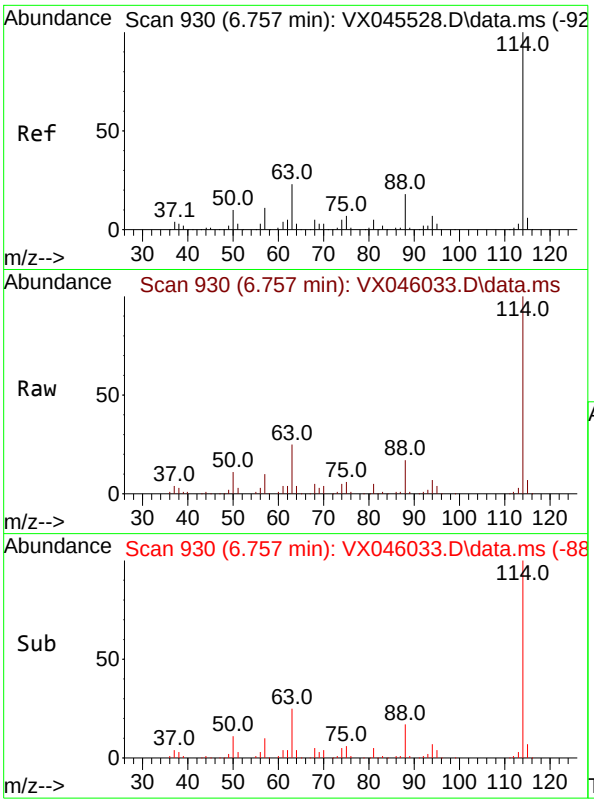


#33
1,2-Dichloroethane-d4
Concen: 54.039 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion: 65 Resp: 64991

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	99.0



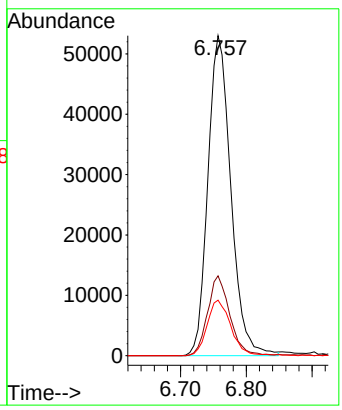


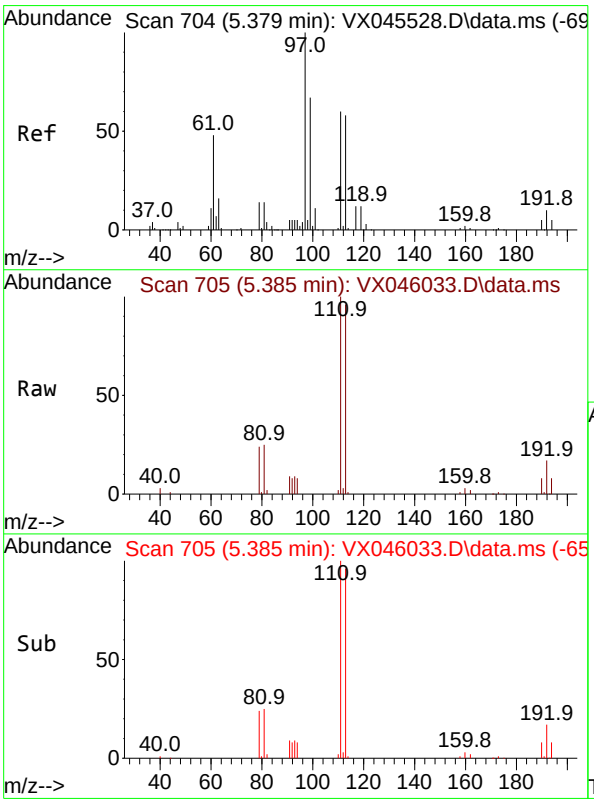
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion:114 Resp: 128974

Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	46.8
88	17.4	0.0	35.4

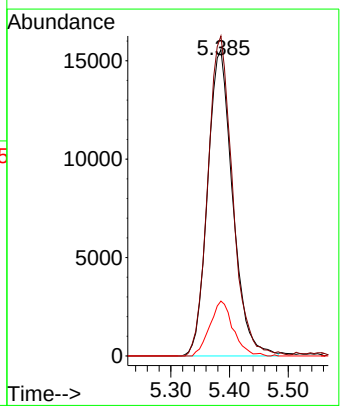


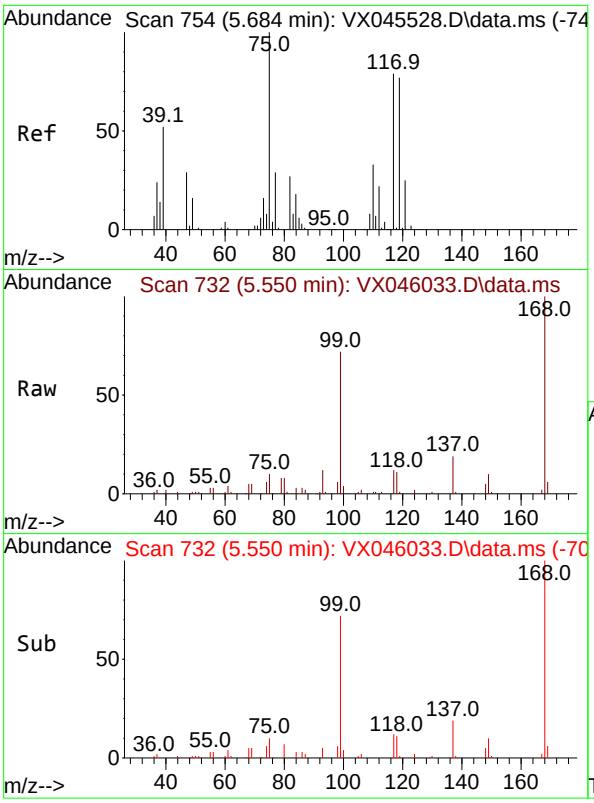


#35
Dibromofluoromethane
Concen: 50.355 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion:113 Resp: 46078

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	16.7	13.8	20.6



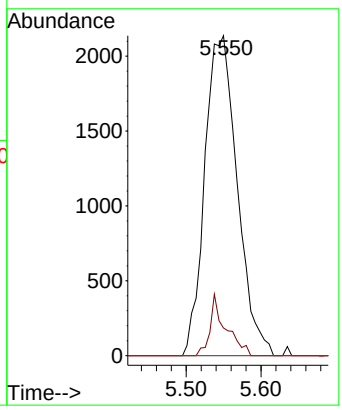


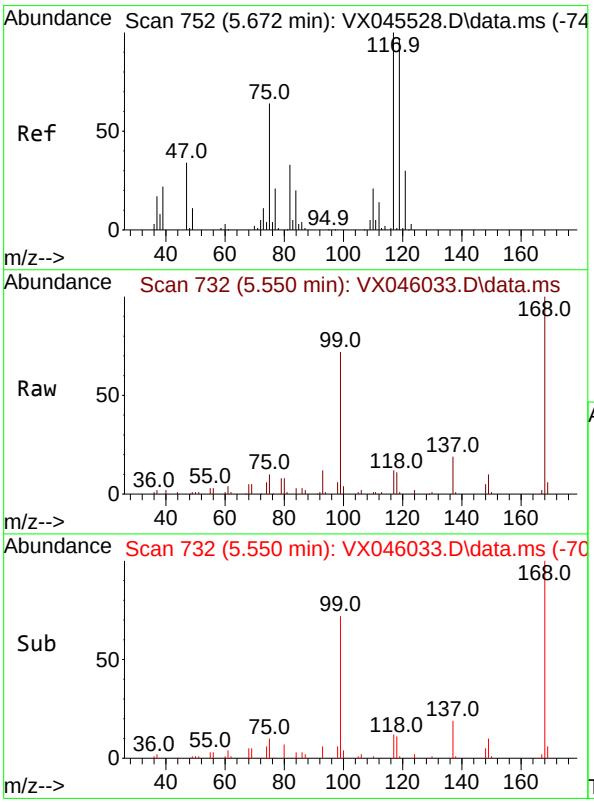
#36
1,1-Dichloropropene
Concen: 5.224 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.134 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion: 75 Resp: 6455

Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.9	50.6#
77	0.0	25.0	37.4#

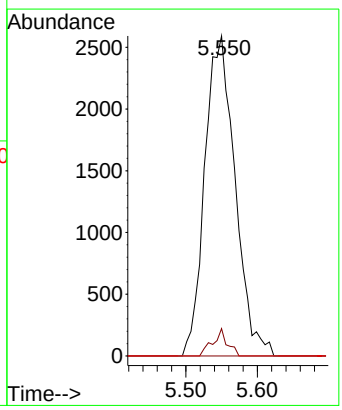


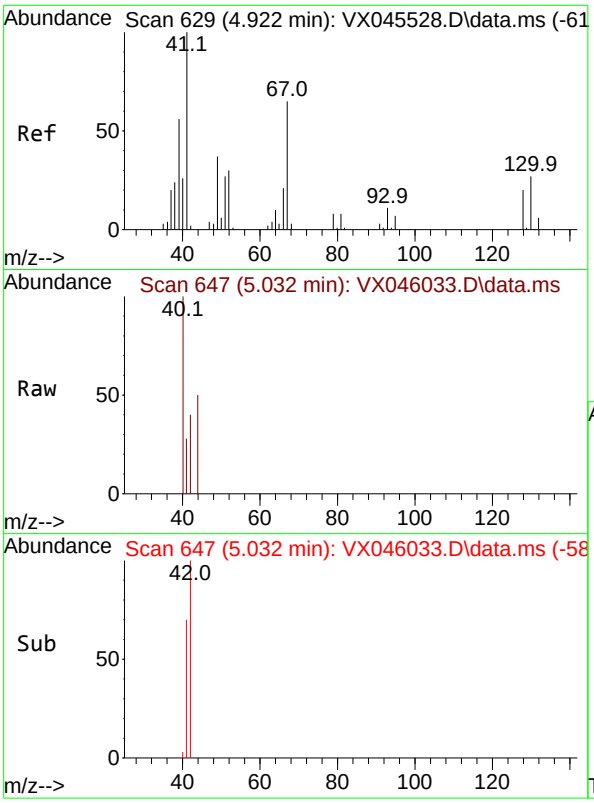


#38
Carbon Tetrachloride
Concen: 5.712 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion:117 Resp: 7627

Ion	Ratio	Lower	Upper
117	100		
119	8.6	76.9	115.3#
121	0.0	24.2	36.2#



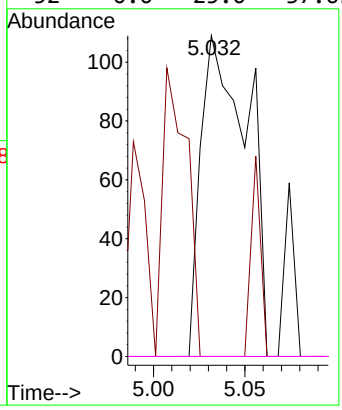


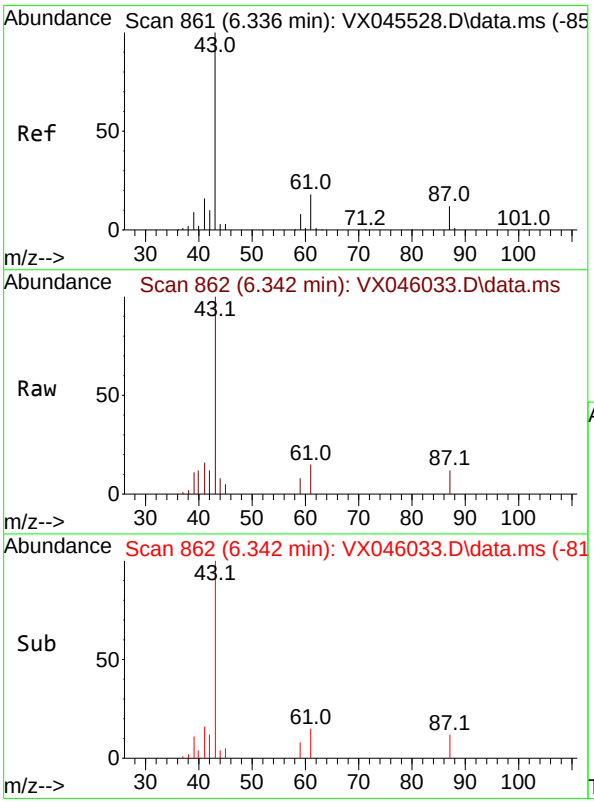
#41
Methacrylonitrile
Concen: 0.235 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.110 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion: 41 Resp: 193

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#

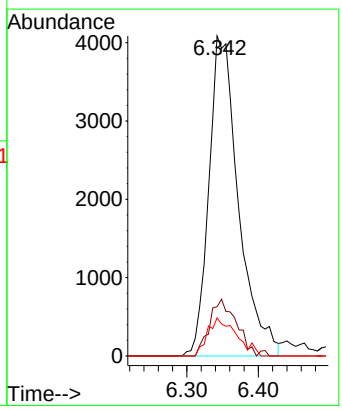


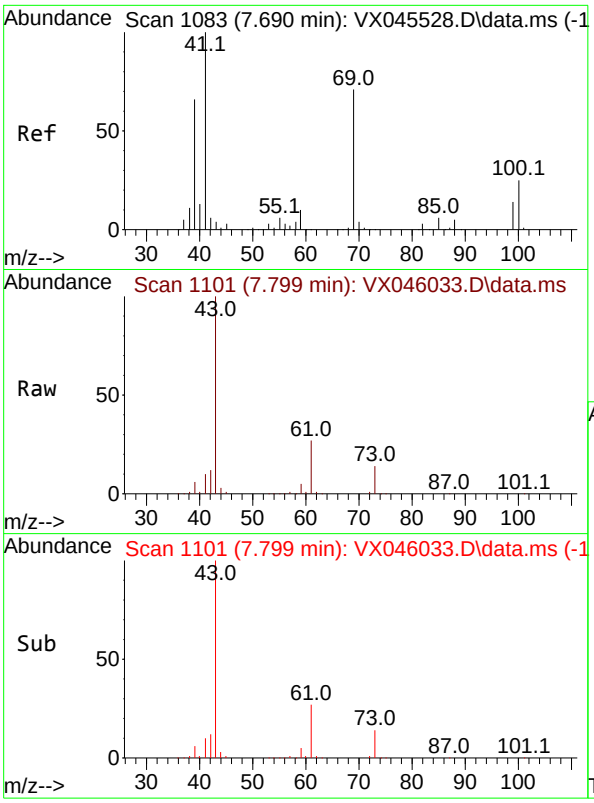


#43
Isopropyl Acetate
Concen: 4.970 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion: 43 Resp: 11728

Ion	Ratio	Lower	Upper
43	100		
61	16.3	14.1	21.1
87	11.5	9.2	13.8



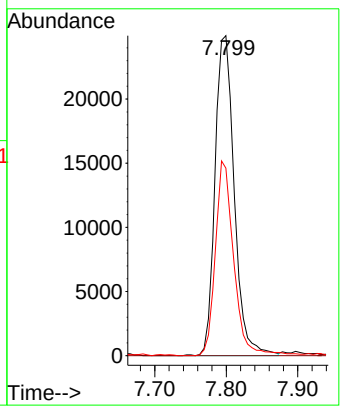


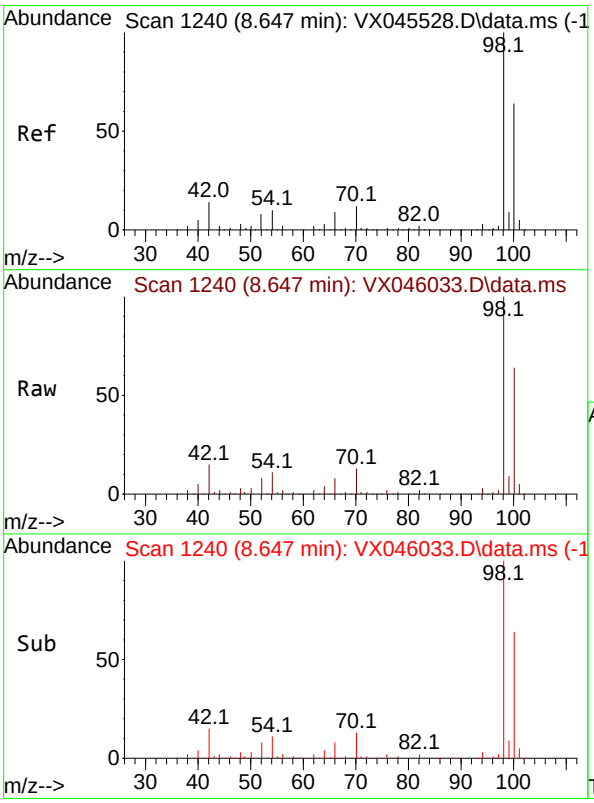
#48
Methyl methacrylate
Concen: 38.218 ug/l
RT: 7.799 min Scan# 11
Delta R.T. 0.110 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion: 41 Resp: 46566

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.2	87.2#
39	58.3	53.6	80.4

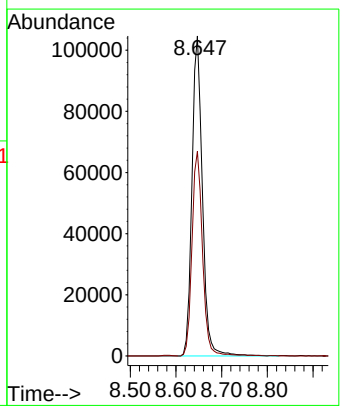


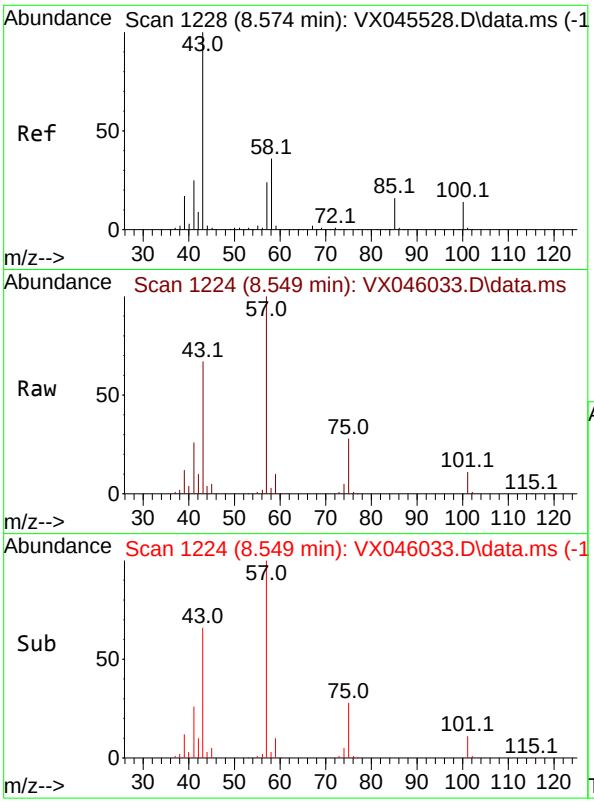


#50
Toluene-d8
Concen: 52.058 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion: 98 Resp: 166270

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4



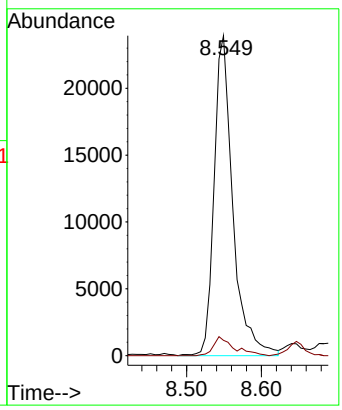


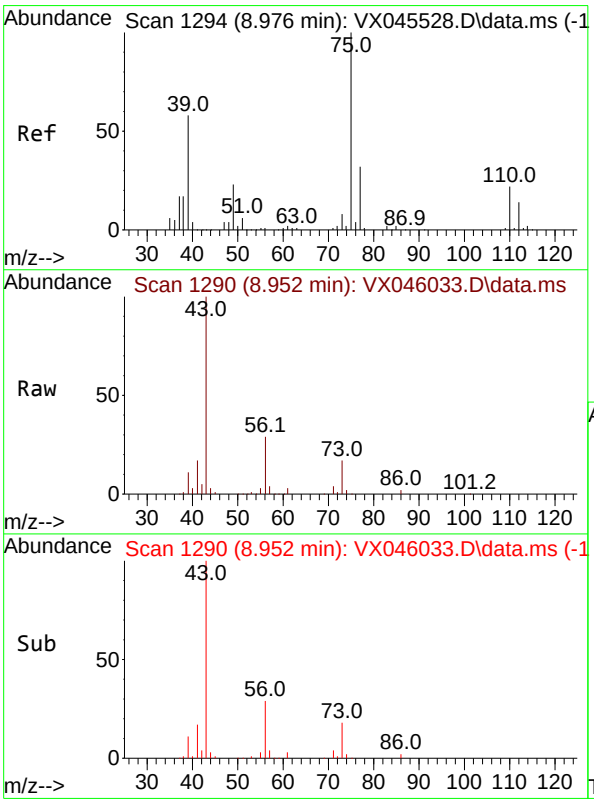
#51
4-Methyl-2-Pentanone
Concen: 26.684 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion: 43 Resp: 41745

Ion	Ratio	Lower	Upper
43	100		
58	6.5	28.5	42.7#

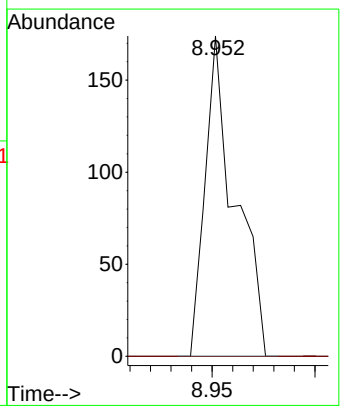


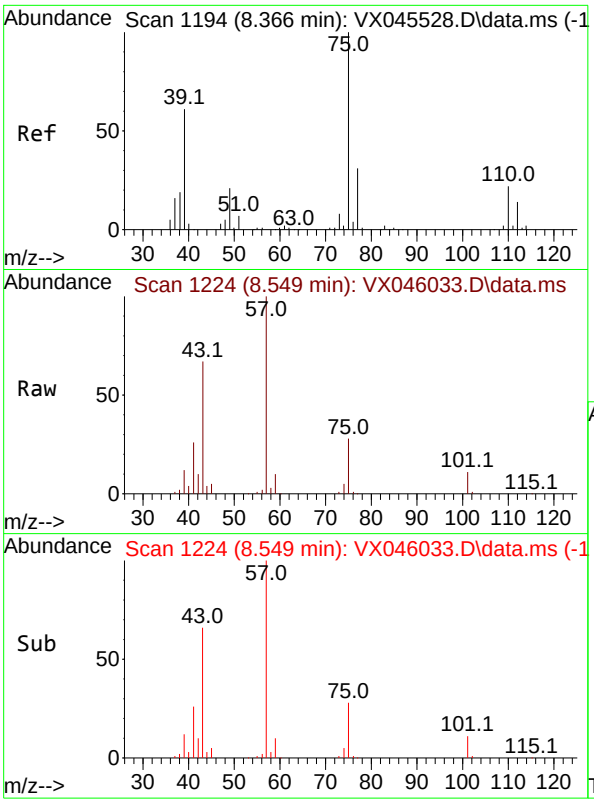


#53
t-1,3-Dichloropropene
Concen: 2.410 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion: 75 Resp: 176

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



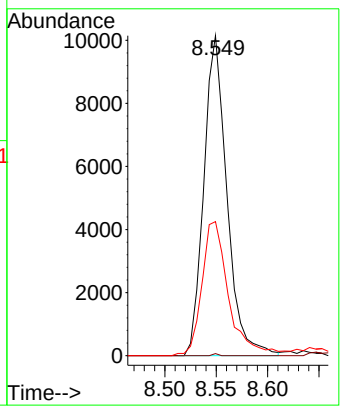


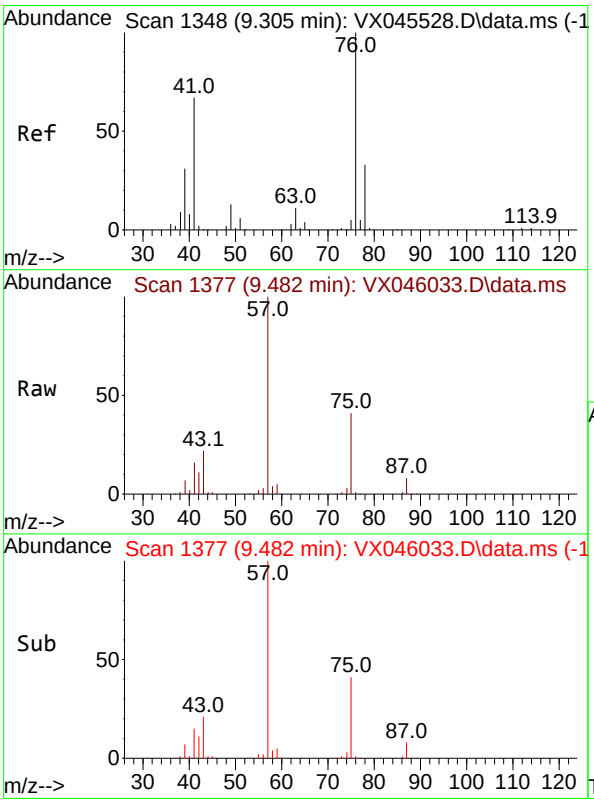
#54
cis-1,3-Dichloropropene
Concen: 11.694 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion: 75 Resp: 15861

Ion	Ratio	Lower	Upper
75	100		
77	0.7	24.6	36.8#
39	41.2	48.4	72.6#

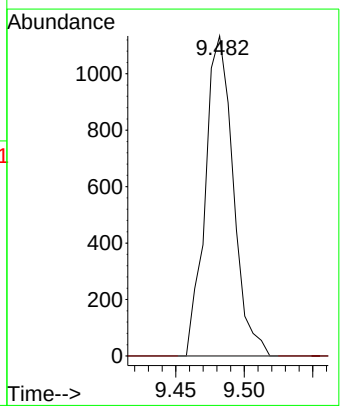


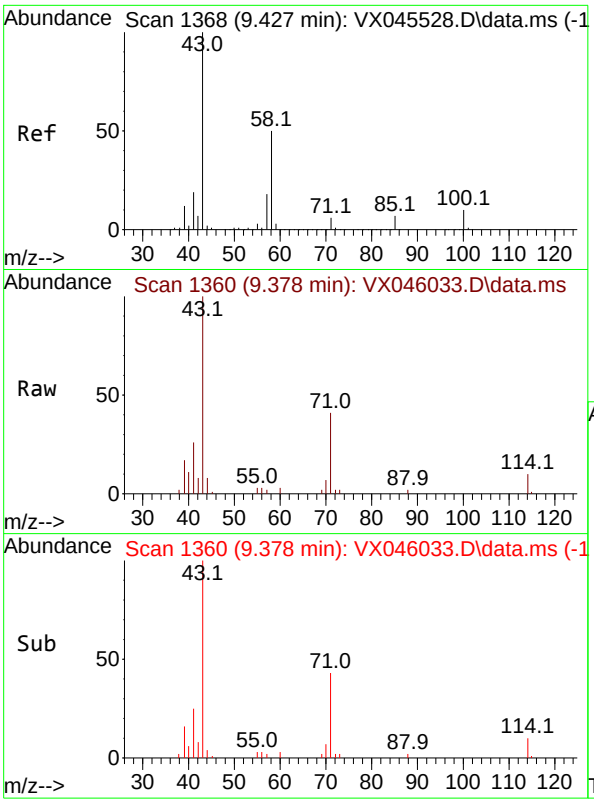


#57
1,3-Dichloropropane
Concen: 1.017 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion: 76 Resp: 1611

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



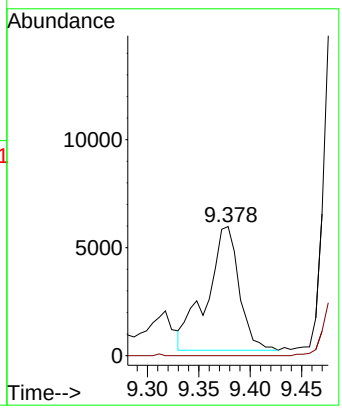


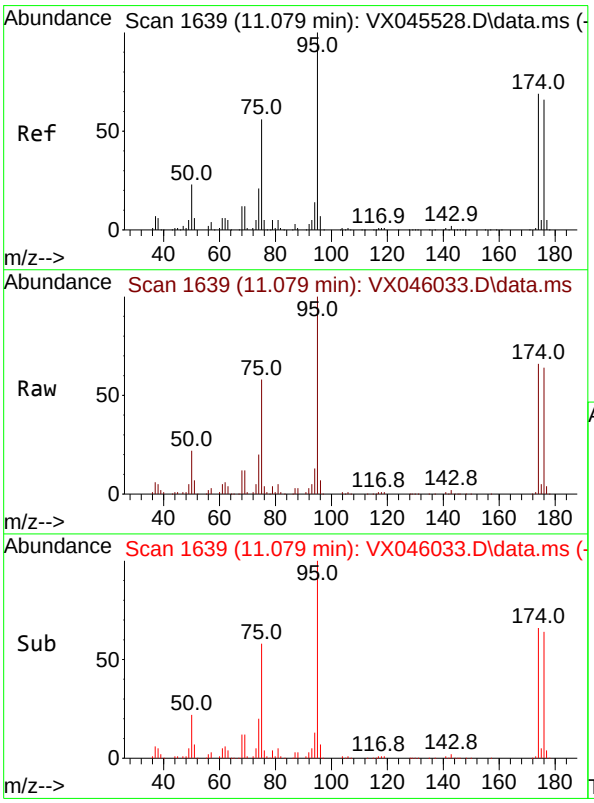
#59
2-Hexanone
Concen: 10.743 ug/l
RT: 9.378 min Scan# 1
Delta R.T. -0.049 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion: 43 Resp: 12445

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.9	74.6#

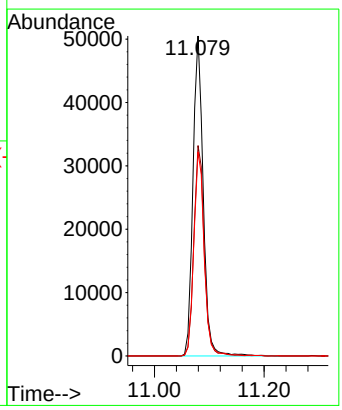


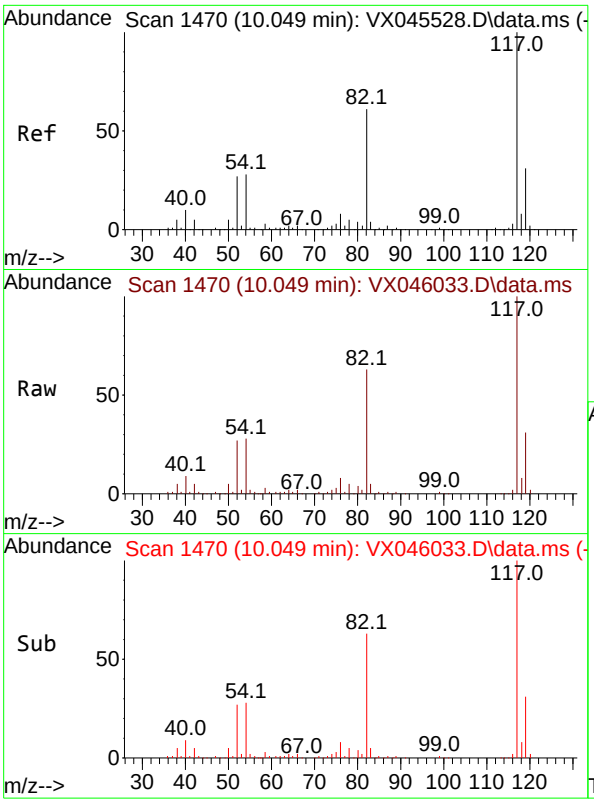


#62
4-Bromofluorobenzene
Concen: 56.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion: 95 Resp: 65807

Ion	Ratio	Lower	Upper
95	100		
174	66.6	0.0	135.8
176	64.5	0.0	131.4



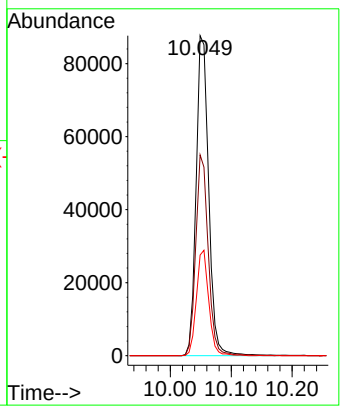


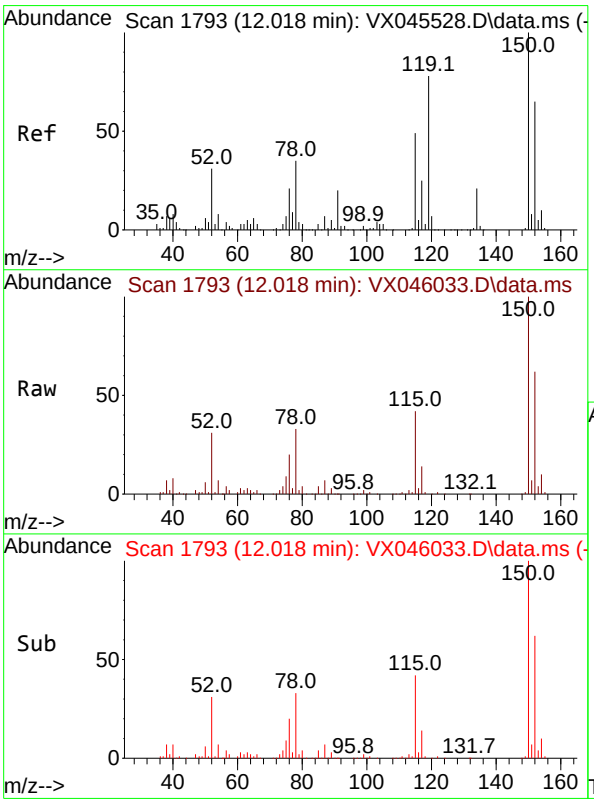
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion:117 Resp: 124796

Ion	Ratio	Lower	Upper
117	100		
82	62.7	49.2	73.8
119	31.5	25.1	37.7

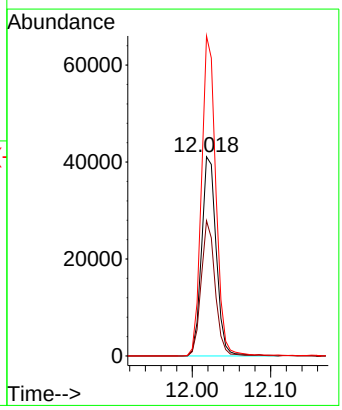


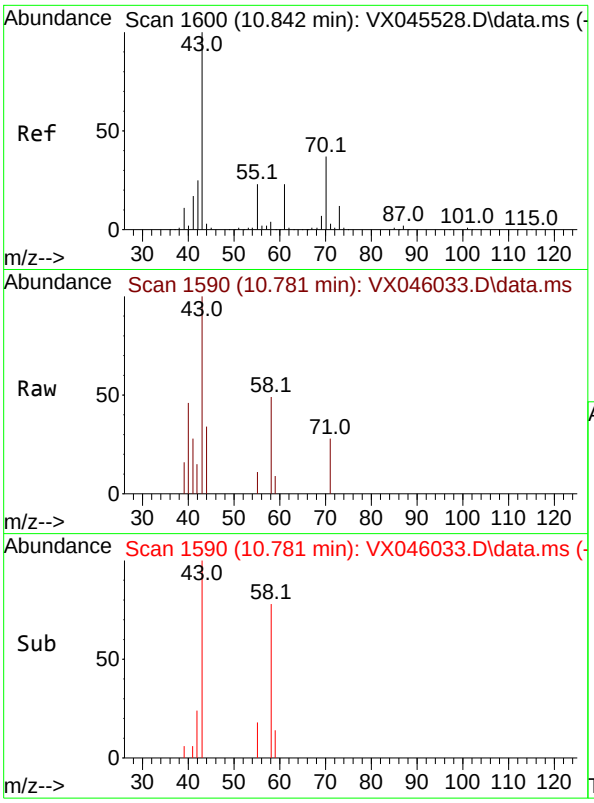


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion:152 Resp: 53600

Ion	Ratio	Lower	Upper
152	100		
115	64.3	46.9	140.7
150	156.4	0.0	349.4



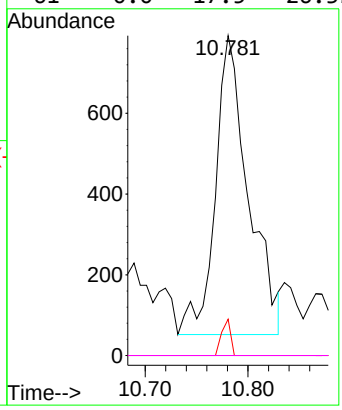


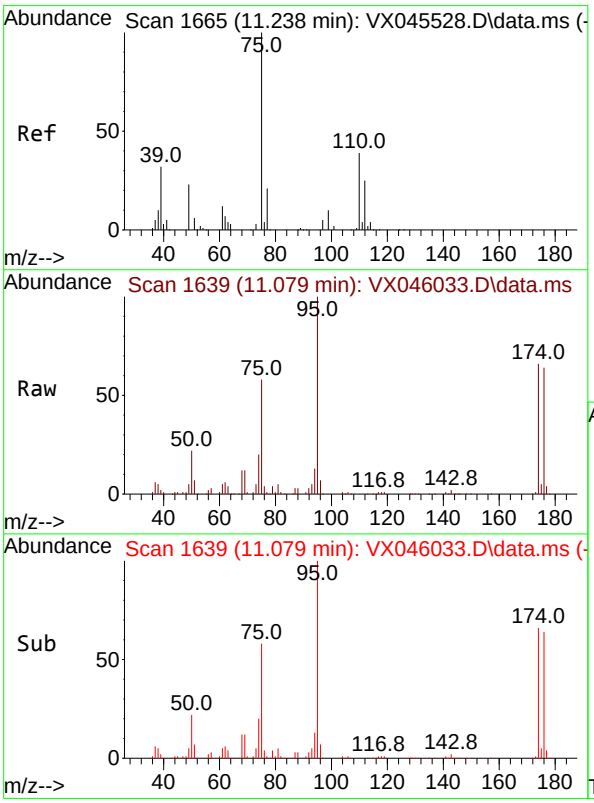
#74
N-amyl acetate
Concen: 0.803 ug/l
RT: 10.781 min Scan# 1
Delta R.T. -0.061 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion: 43 Resp: 1649

Ion	Ratio	Lower	Upper
43	100		
70	0.0	30.1	45.1#
55	3.3	18.3	27.5#
61	0.0	17.5	26.3#

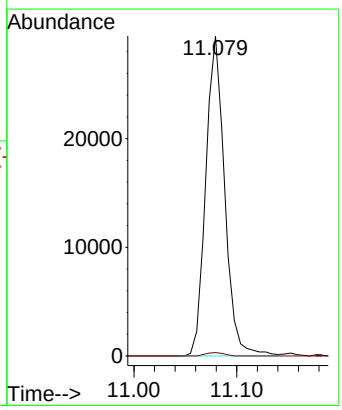


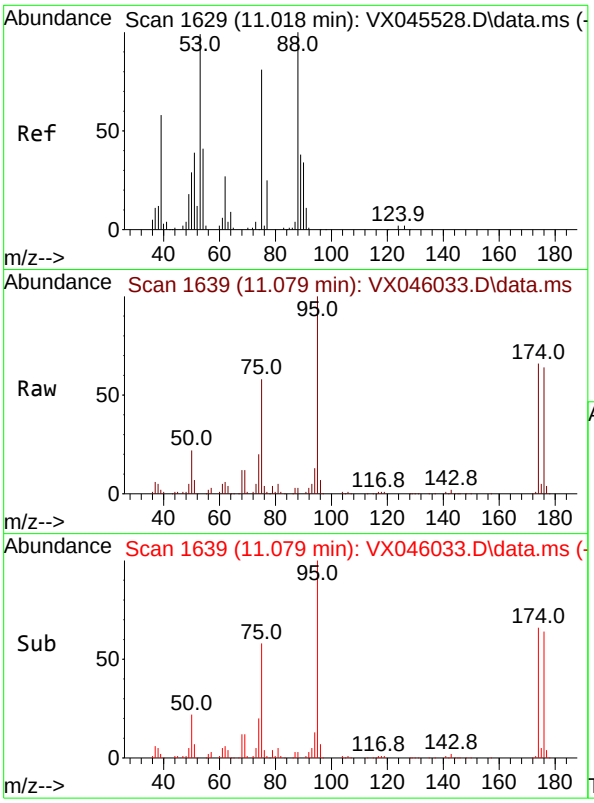


#76
1,2,3-Trichloropropane
Concen: 28.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion: 75 Resp: 37654

Ion	Ratio	Lower	Upper
75	100		
77	1.0	20.0	59.9#



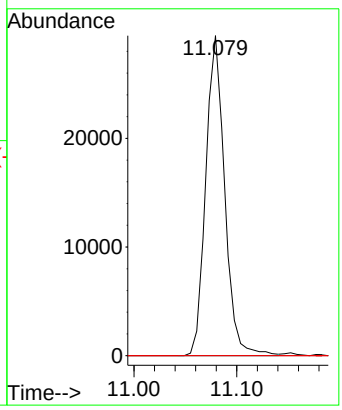


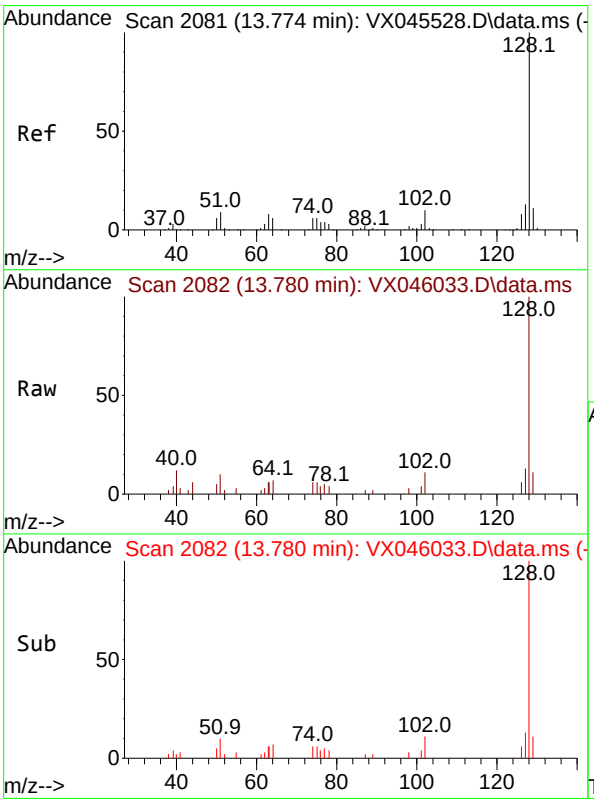
#81
trans-1,4-Dichloro-2-butene
Concen: 97.744 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Instrument :
MSVOA_X
ClientSampleId :
COMP-7

Tgt Ion: 75 Resp: 37654

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





#95
Naphthalene
Concen: 1.549 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX046033.D
Acq: 02 May 2025 17:22

Tgt Ion:128 Resp: 5760

Ion	Ratio	Lower	Upper
128	100		
127	11.3	10.3	15.5
129	11.5	8.6	12.8