Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
Data File : VX045176.D
Acq On : 06 Mar 2025 18:12
Operator : JC/MD
Sample : Q1490-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Quant Time: Mar 07 00:48:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	79920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	159351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67372	52.997	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.000%			
35) Dibromofluoromethane	5.379	113	54432	51.084	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.160%			
50) Toluene-d8	8.647	98	197597	51.152	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.300%			
62) 4-Bromofluorobenzene	11.079	95	64828	50.644	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.280%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	312	0.253	ug/l #	43
5) Bromomethane	1.593	94	135	0.281	ug/l #	3
11) Tert butyl alcohol	2.947	59	3164	13.140	ug/l #	73
13) Acrolein	2.240	56	584	2.098	ug/l	83
14) Allyl chloride	2.654	41	380	0.217	ug/l #	45
16) Acetone	2.380	43	57468	97.433	ug/l	99
17) Carbon Disulfide	2.508	76	715	0.273	ug/l #	77
18) Methyl Acetate	2.709	43	3719	2.621	ug/l	94
20) Methylene Chloride	2.788	84	2376	2.034	ug/l	94
25) 2-Butanone	4.574	43	7989	8.998	ug/l	93
29) Tetrahydrofuran	5.044	42	464	0.778	ug/l #	50
30) Chloroform	5.093	83	409	0.207	ug/l #	79
31) Cyclohexane	5.544	56	2147	1.241	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	7108	4.864	ug/l #	50
37) Ethyl Acetate	4.745	43	870	0.462	ug/l #	73
38) Carbon Tetrachloride	5.550	117	8580	5.783	ug/l #	15
43) Isopropyl Acetate	6.342	43	45459	16.327	ug/l	98
48) Methyl methacrylate	7.793	41	40129	28.728	ug/l #	45
49) 1,4-Dioxane	7.793	88	20	0.679	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	52337	27.995	ug/l #	48
52) Toluene	8.720	92	6073	2.243	ug/l	96
54) cis-1,3-Dichloropropene	8.549	75	19937	12.434	ug/l #	65
57) 1,3-Dichloropropane	9.482	76	1717	0.890	ug/l #	43
59) 2-Hexanone	9.482	43	26597	19.635	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	36391	26.071	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36391	89.219	ug/l #	6

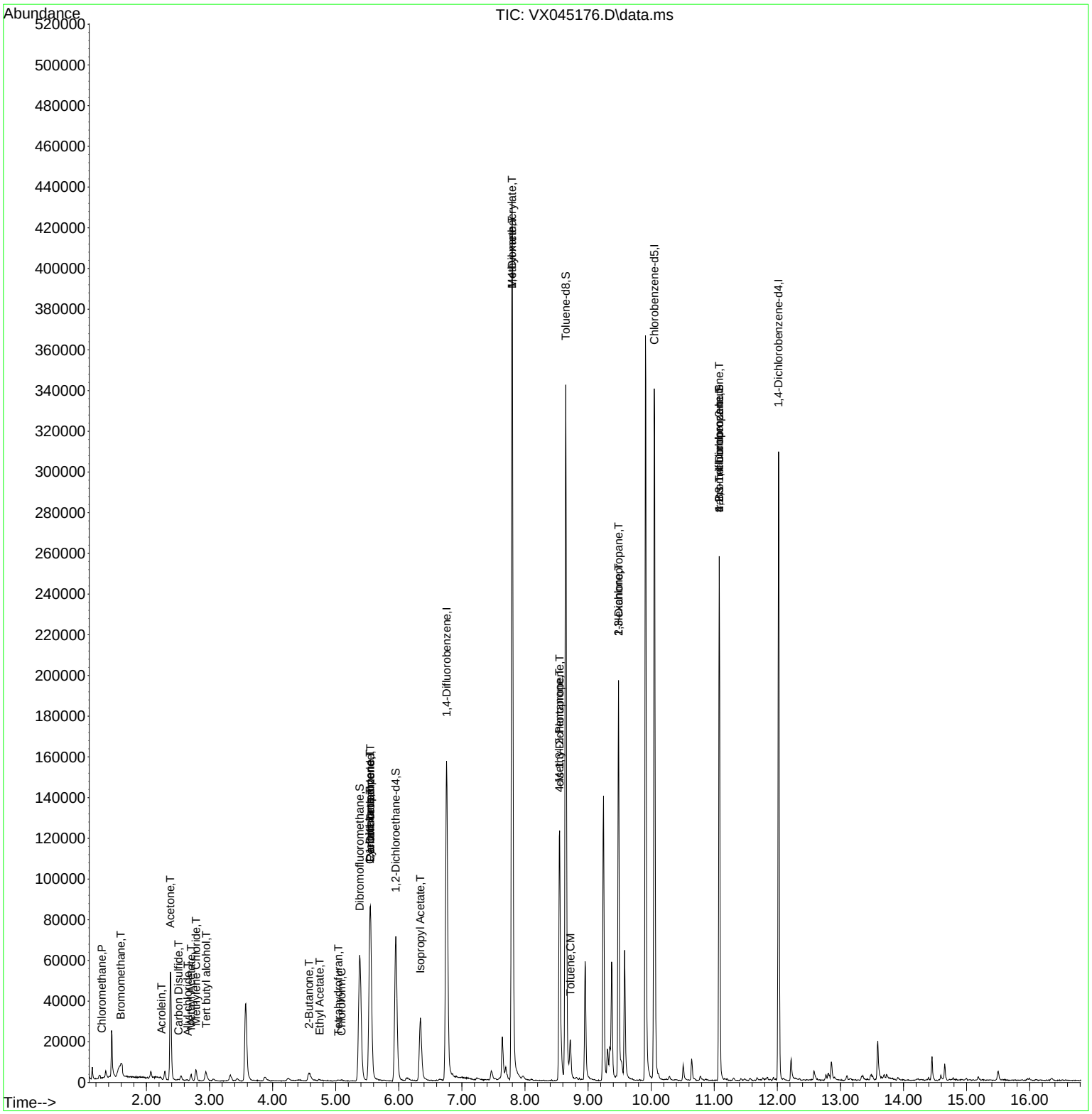
(#) = qualifier out of range (m) = manual integration (+) = signals summed

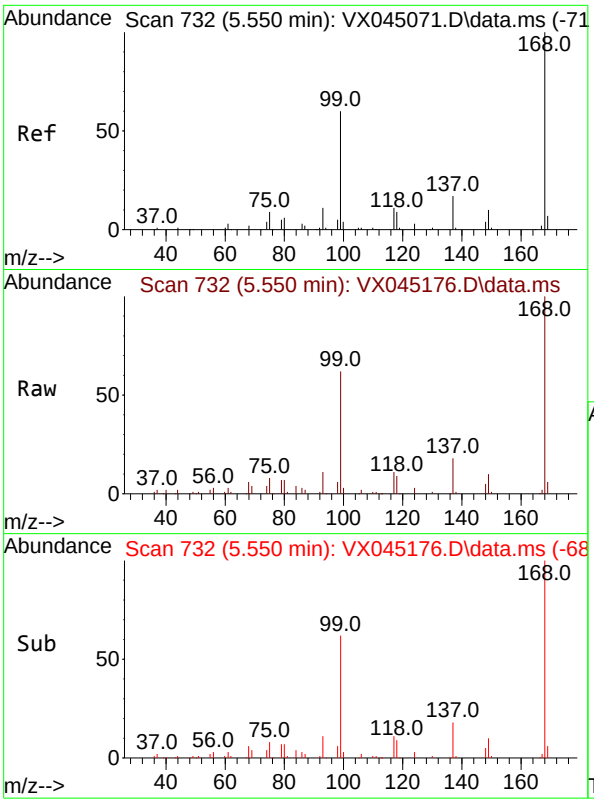
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030625\
Data File : VX045176.D
Acq On : 06 Mar 2025 18:12
Operator : JC/MD
Sample : Q1490-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Quant Time: Mar 07 00:48:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



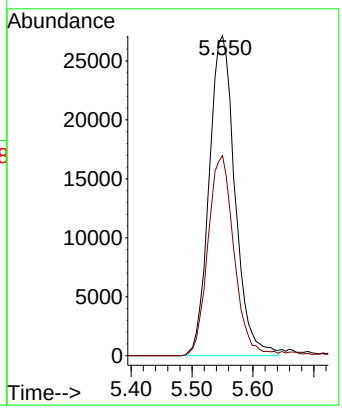


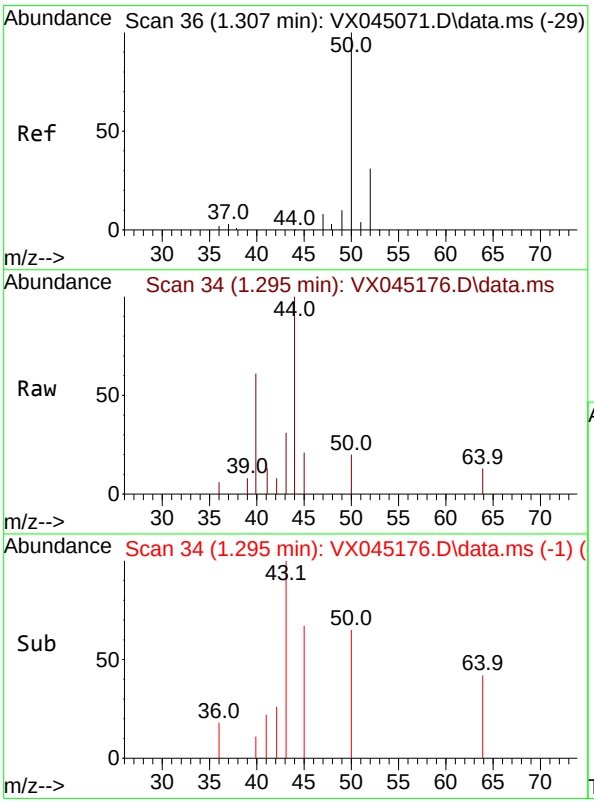
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion:168 Resp: 79920

Ion	Ratio	Lower	Upper
168	100		
99	62.5	48.2	72.4

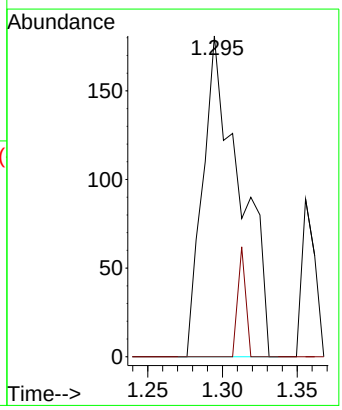


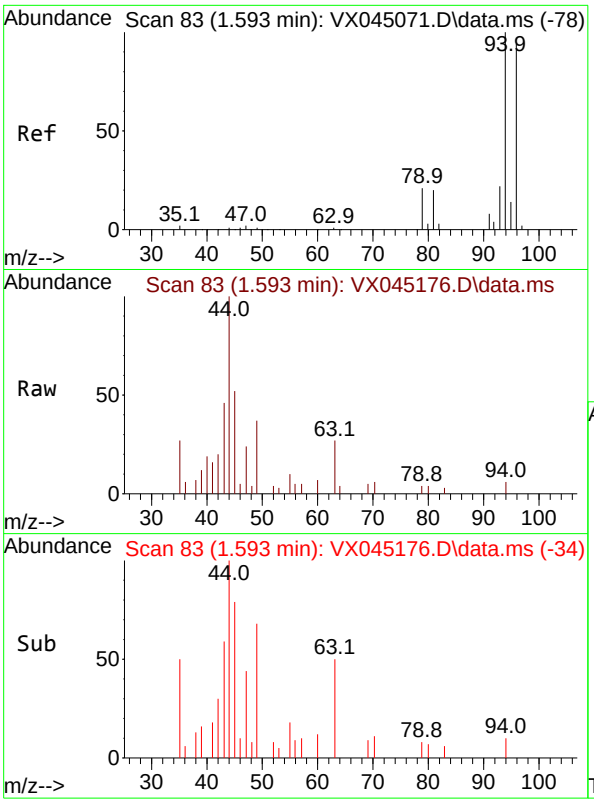


#3
Chloromethane
Concen: 0.253 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 50 Resp: 312

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.0	37.4#



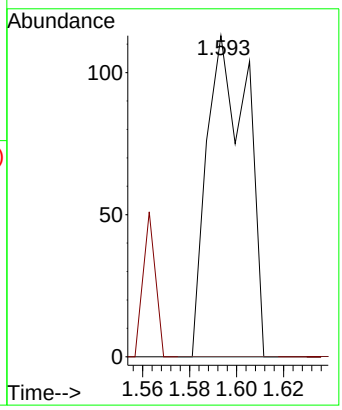


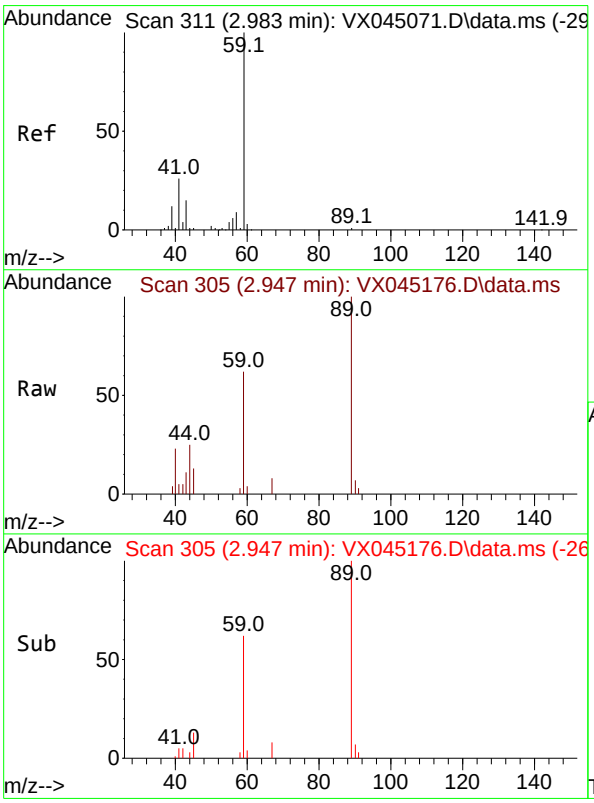
#5
Bromomethane
Concen: 0.281 ug/l
RT: 1.593 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 94 Resp: 135

Ion	Ratio	Lower	Upper
94	100		
96	0.0	75.0	112.4#

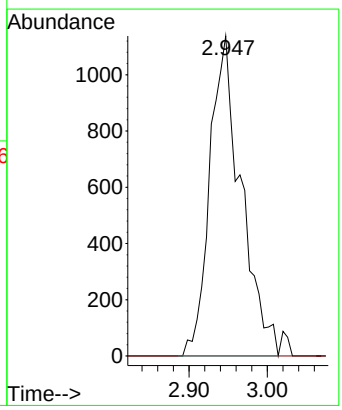


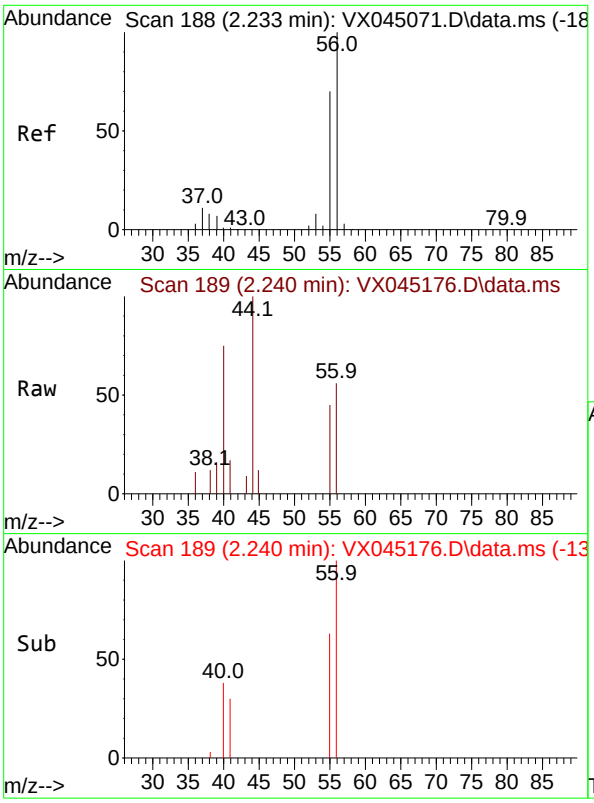


#11
Tert butyl alcohol
Concen: 13.140 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.037 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 59 Resp: 3164

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



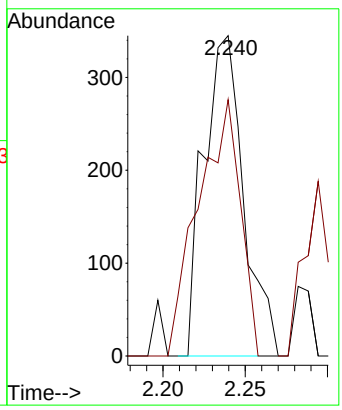


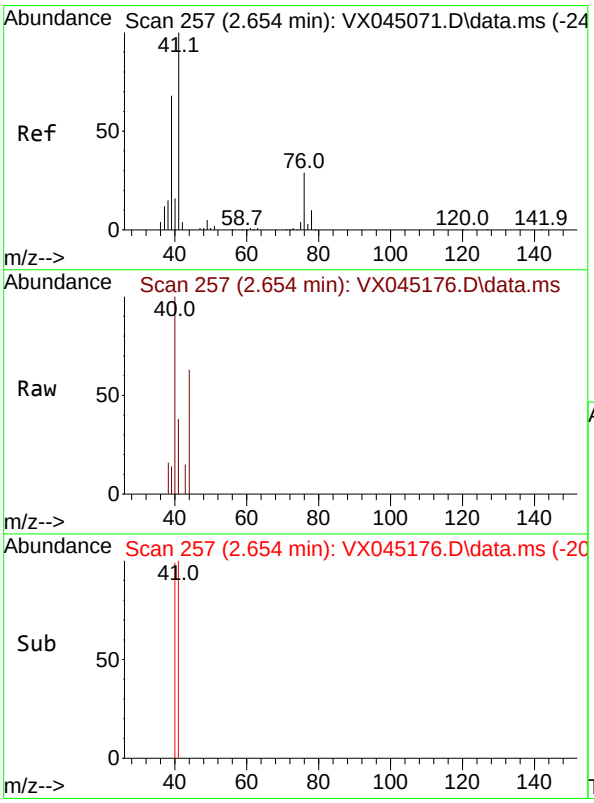
#13
Acrolein
Concen: 2.098 ug/l
RT: 2.240 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 56 Resp: 584

Ion	Ratio	Lower	Upper
56	100		
55	84.1	56.2	84.4

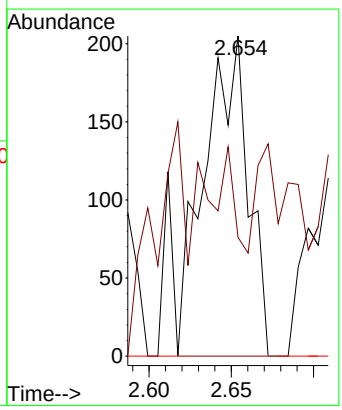


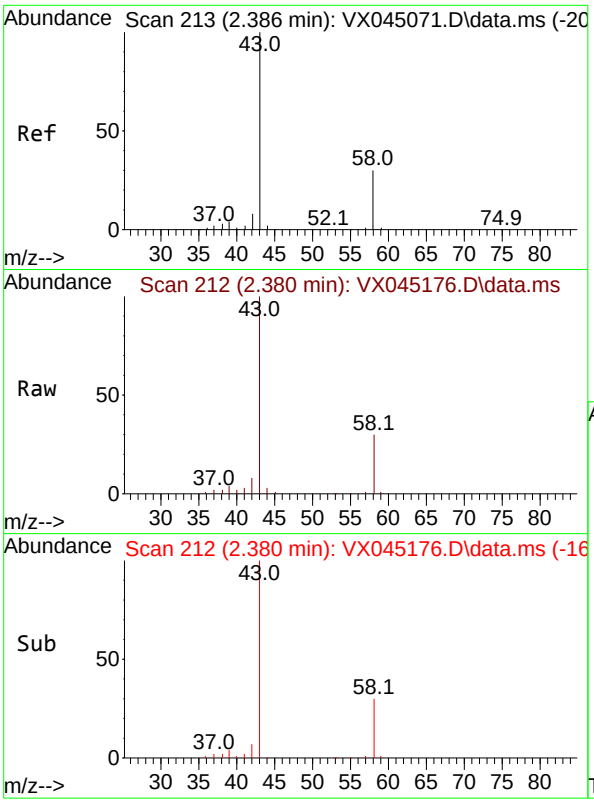


#14
Allyl chloride
Concen: 0.217 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 41 Resp: 380

Ion	Ratio	Lower	Upper
41	100		
39	23.4	53.8	80.8#
76	0.0	25.2	37.8#



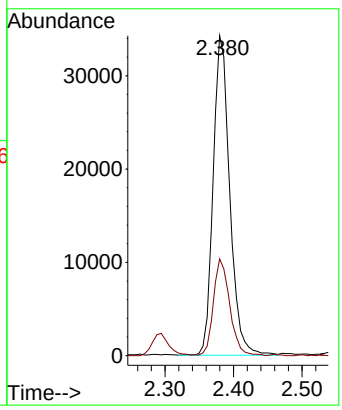


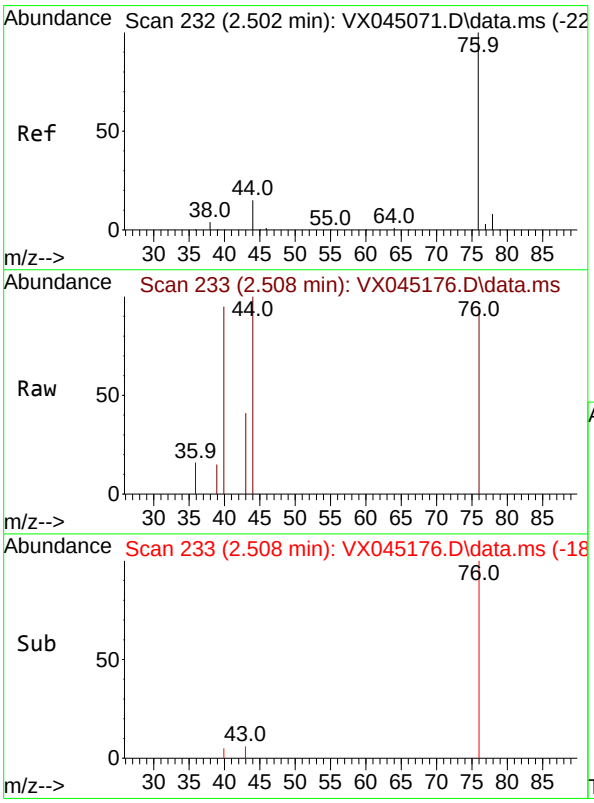
#16
Acetone
Concen: 97.433 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 43 Resp: 57468

Ion	Ratio	Lower	Upper
43	100		
58	30.0	24.2	36.4

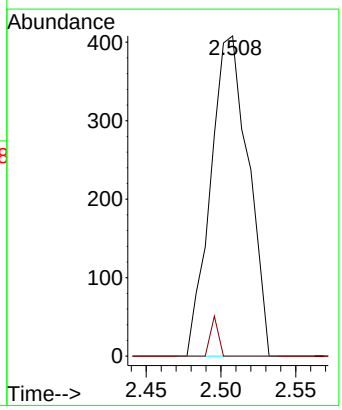


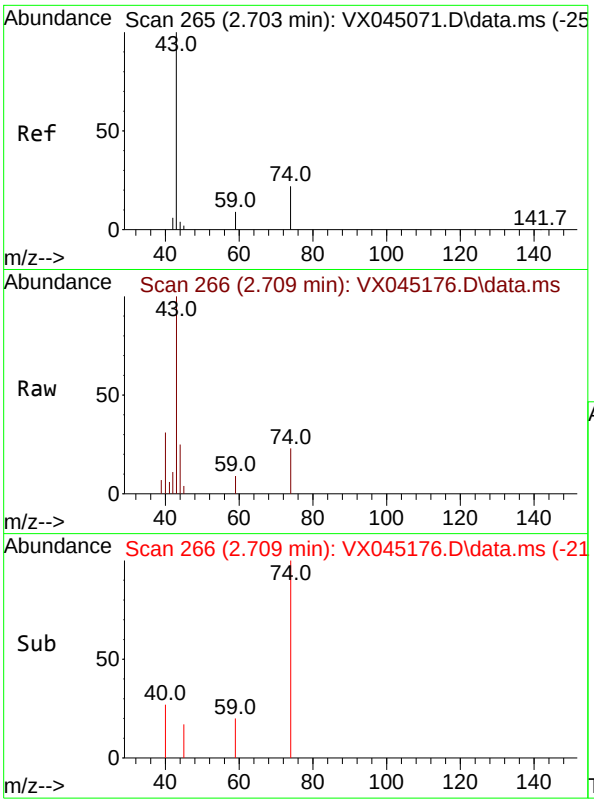


#17
Carbon Disulfide
Concen: 0.273 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 76 Resp: 715

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	9.8#



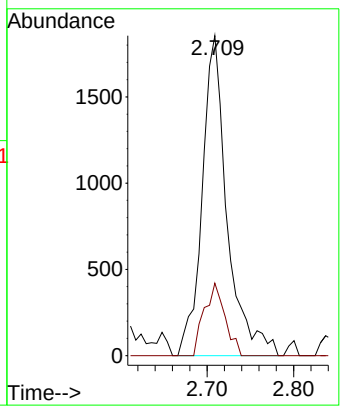


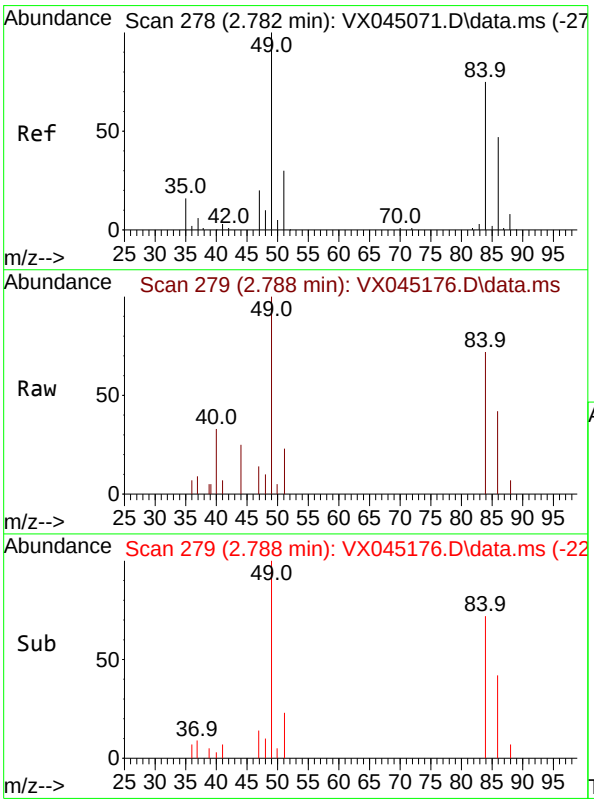
#18
Methyl Acetate
Concen: 2.621 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 43 Resp: 3719

Ion	Ratio	Lower	Upper
43	100		
74	18.8	17.4	26.2

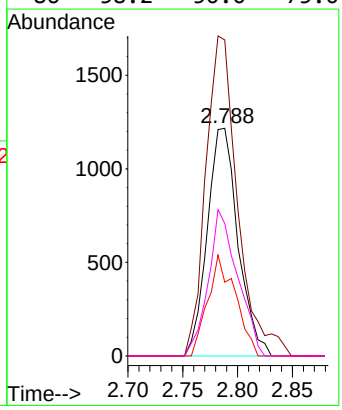


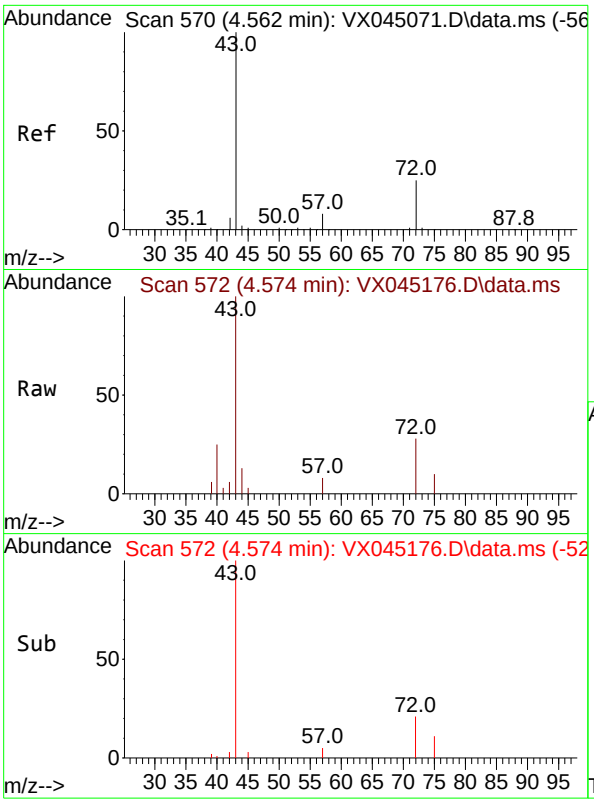


#20
Methylene Chloride
Concen: 2.034 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 84 Resp: 2376

Ion	Ratio	Lower	Upper
84	100		
49	138.8	106.5	159.7
51	32.4	32.1	48.1
86	58.2	50.0	75.0



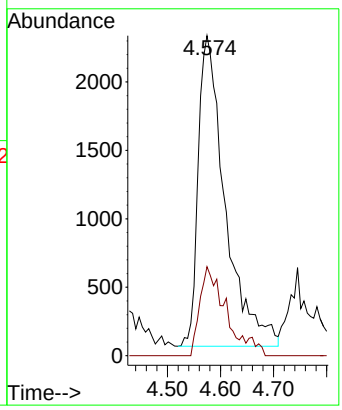


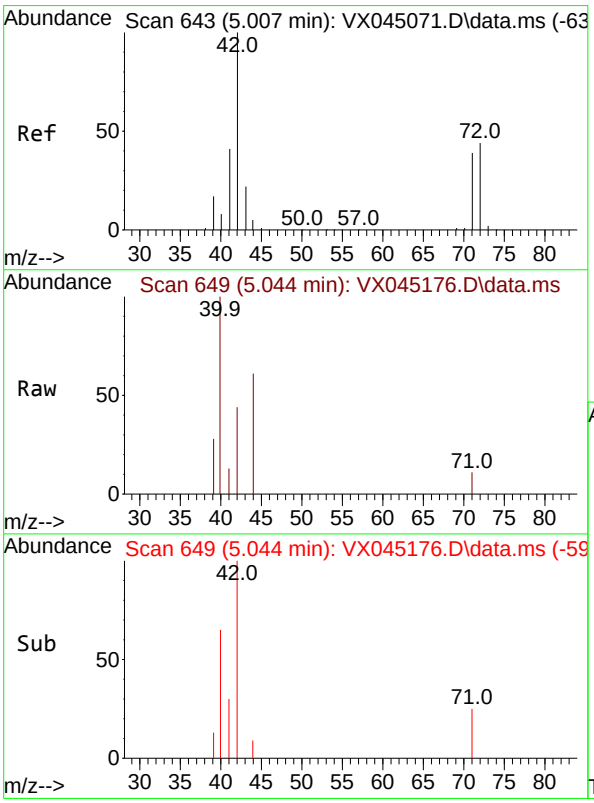
#25
2-Butanone
Concen: 8.998 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 43 Resp: 7989

Ion	Ratio	Lower	Upper
43	100		
72	28.6	20.0	30.0

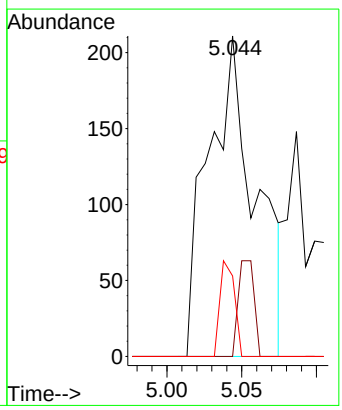


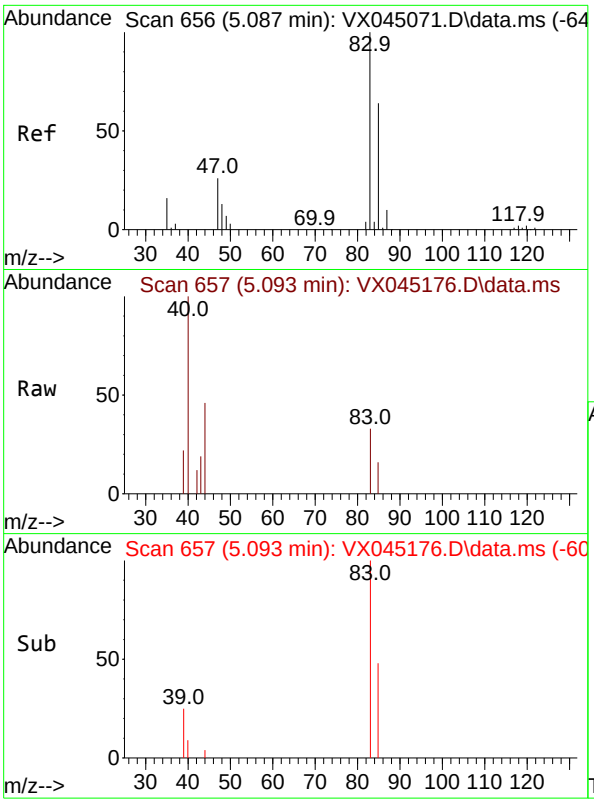


#29
Tetrahydrofuran
Concen: 0.778 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.037 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 42 Resp: 464

Ion	Ratio	Lower	Upper
42	100		
72	9.9	34.1	51.1#
71	9.1	31.4	47.0#



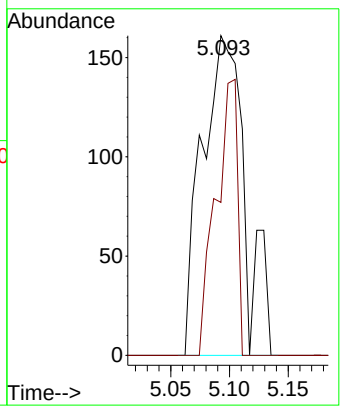


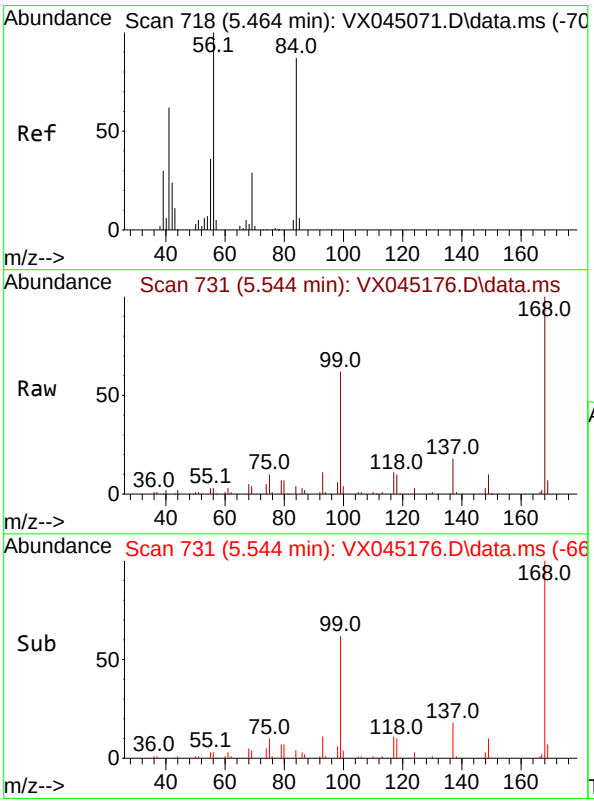
#30
Chloroform
Concen: 0.207 ug/l
RT: 5.093 min Scan# 6
Delta R.T. 0.006 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 83 Resp: 409

Ion	Ratio	Lower	Upper
83	100		
85	47.8	51.4	77.2#

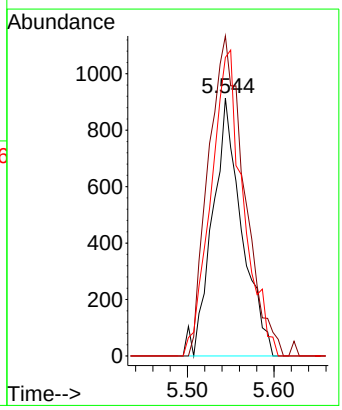


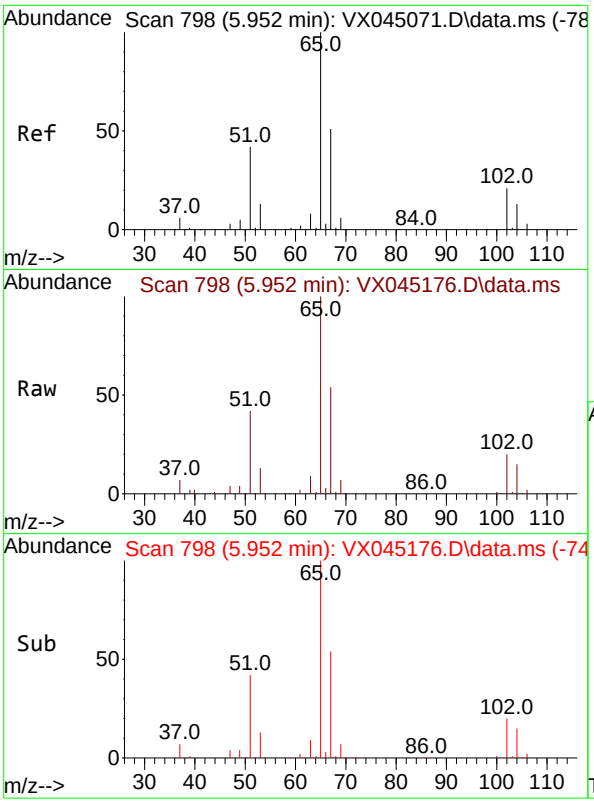


#31
Cyclohexane
Concen: 1.241 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 56 Resp: 2147

Ion	Ratio	Lower	Upper
56	100		
69	124.1	23.4	35.2#
84	115.8	69.4	104.2#



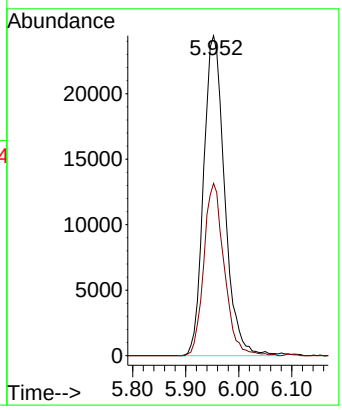


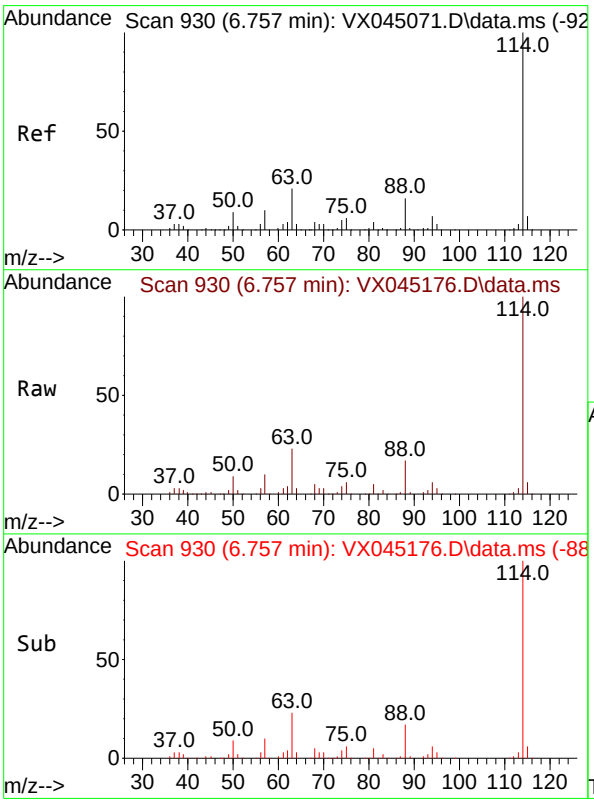
#33
1,2-Dichloroethane-d4
Concen: 52.997 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 65 Resp: 67372

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.2

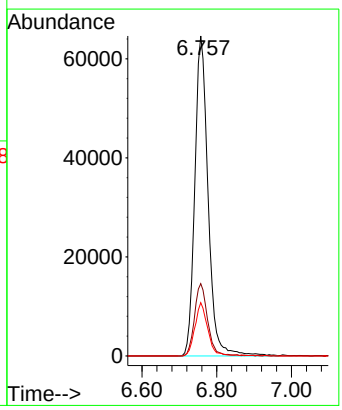


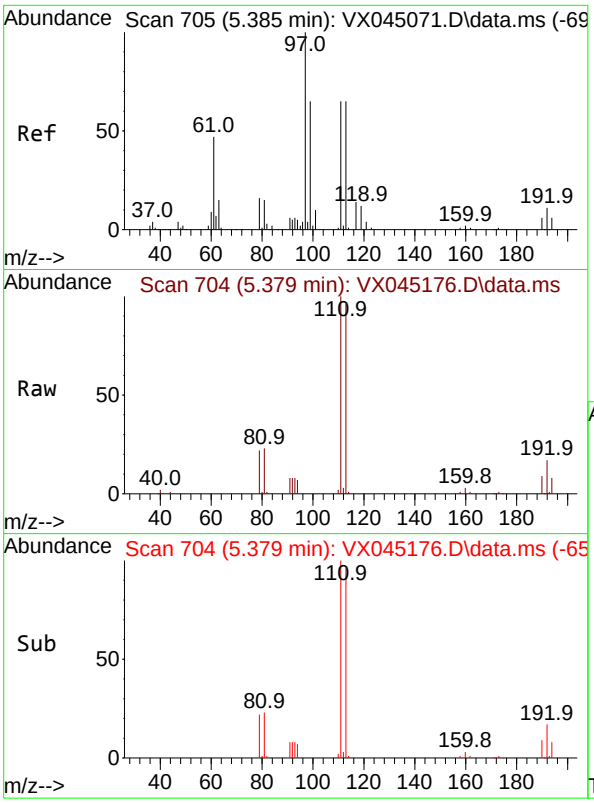


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion:114 Resp: 159351

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	41.8
88	16.6	0.0	32.8



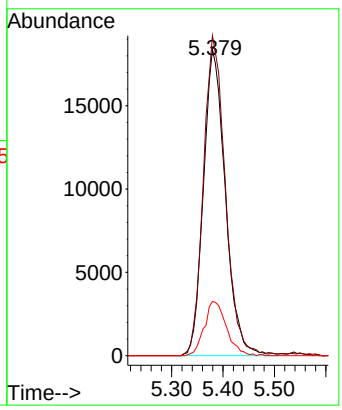


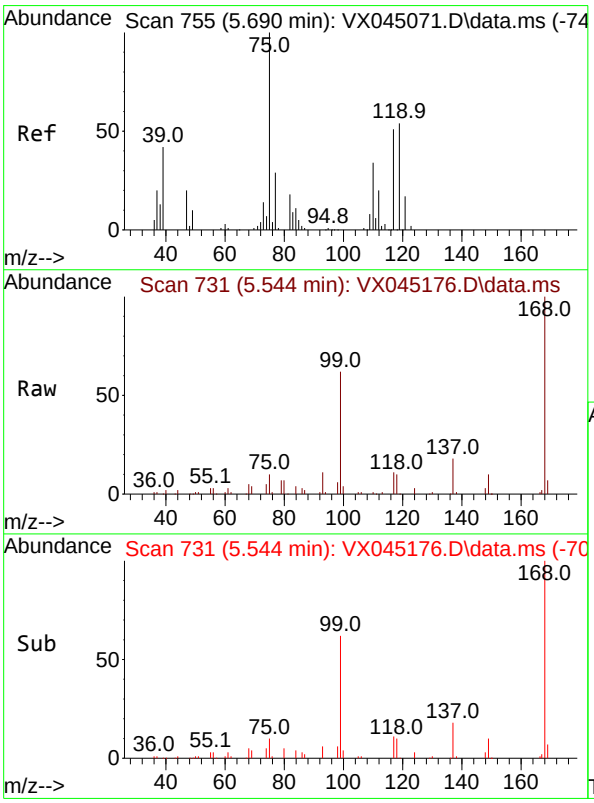
#35
Dibromofluoromethane
Concen: 51.084 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion:113 Resp: 54432

Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.8	122.6
192	17.9	14.3	21.5

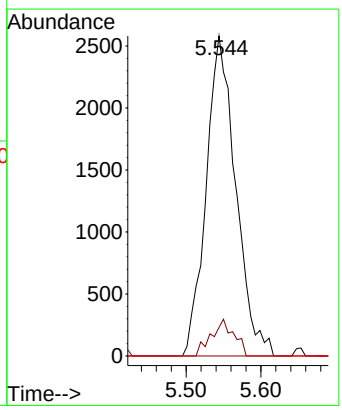


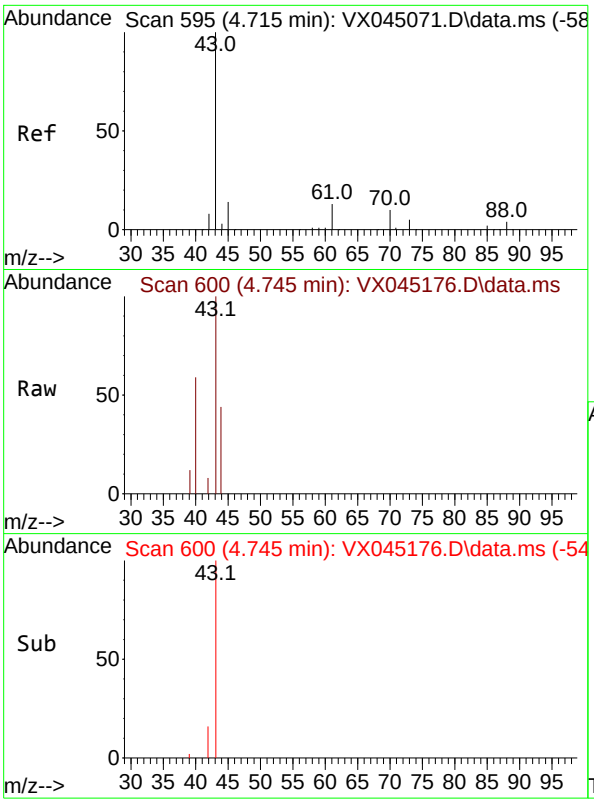


#36
1,1-Dichloropropene
Concen: 4.864 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 75 Resp: 7108

Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.9	50.6#
77	0.0	24.5	36.7#



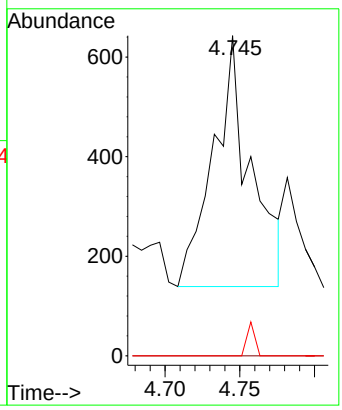


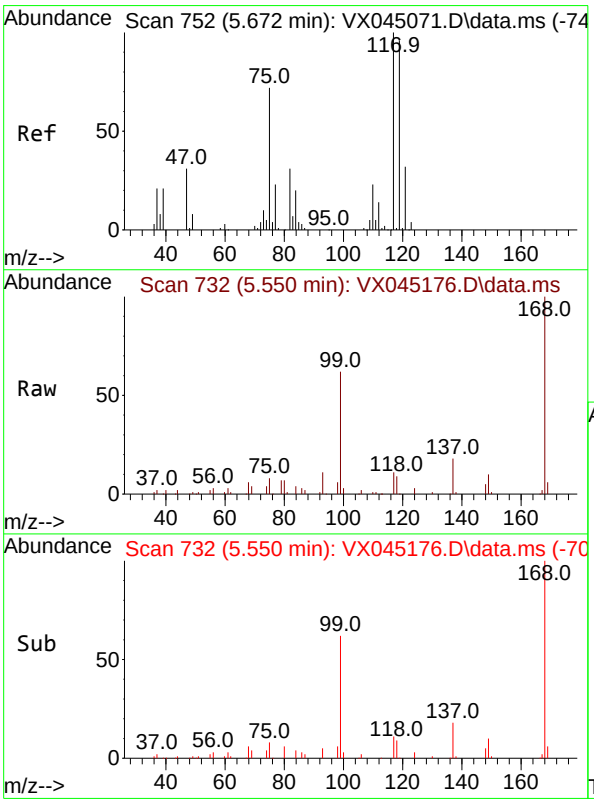
#37
Ethyl Acetate
Concen: 0.462 ug/l
RT: 4.745 min Scan# 6
Delta R.T. 0.031 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 43 Resp: 870

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.8	16.2#
70	2.9	7.7	11.5#

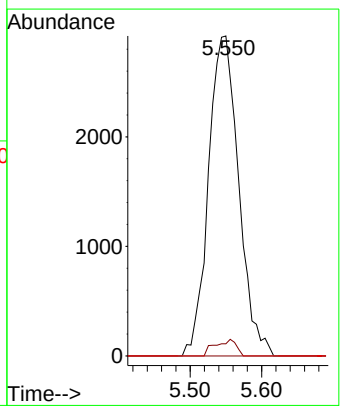


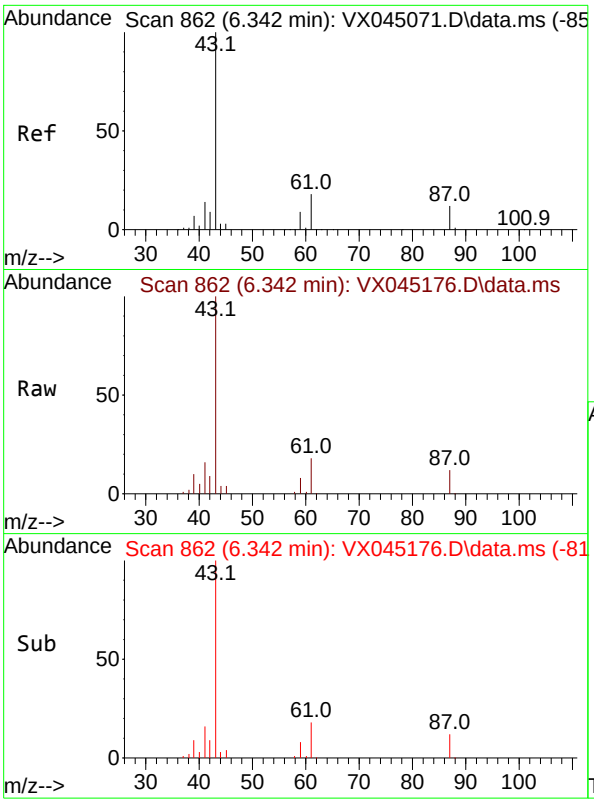


#38
Carbon Tetrachloride
Concen: 5.783 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion:117 Resp: 8580

Ion	Ratio	Lower	Upper
117	100		
119	3.8	76.7	115.1#
121	0.0	25.5	38.3#



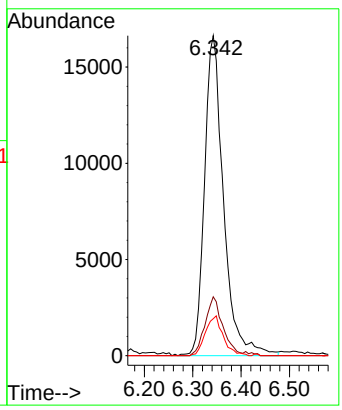


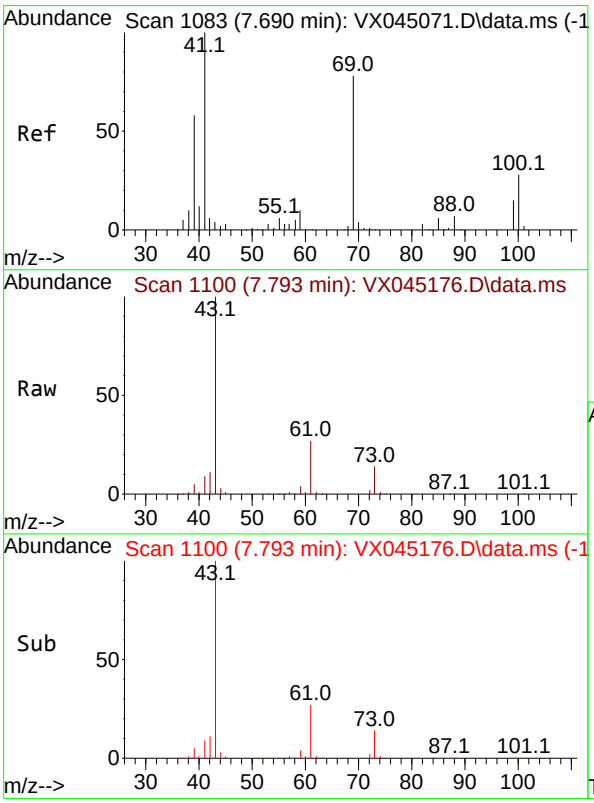
#43
Isopropyl Acetate
Concen: 16.327 ug/l
RT: 6.342 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 43 Resp: 45459

Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.9	22.3
87	11.6	9.4	14.2

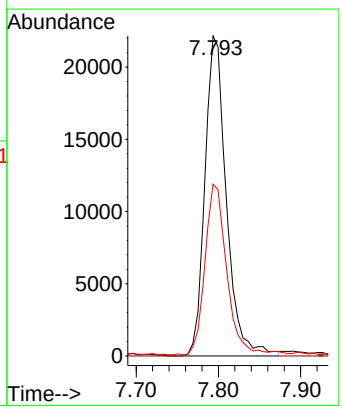


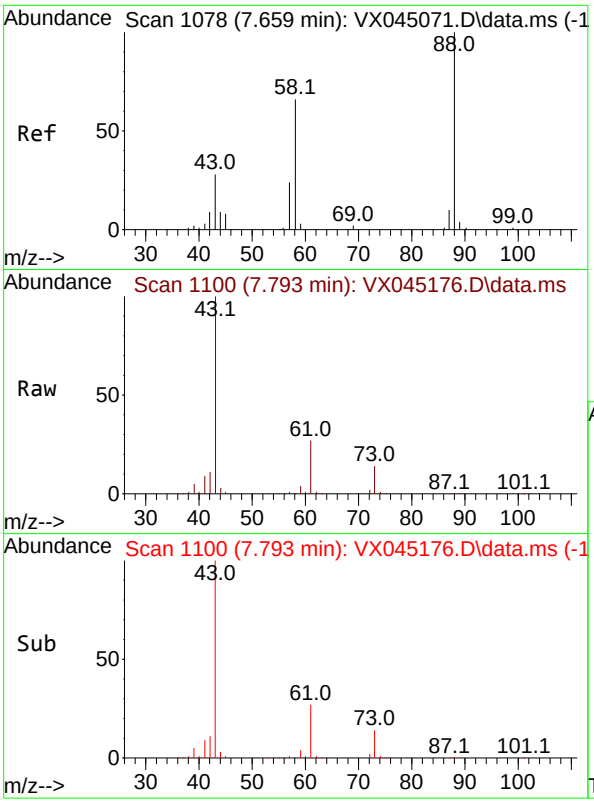


#48
Methyl methacrylate
Concen: 28.728 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 41 Resp: 40129

Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.0	94.6#
39	53.6	47.5	71.3



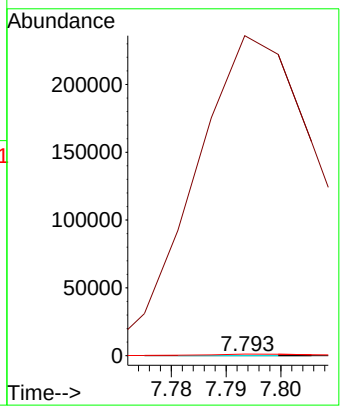


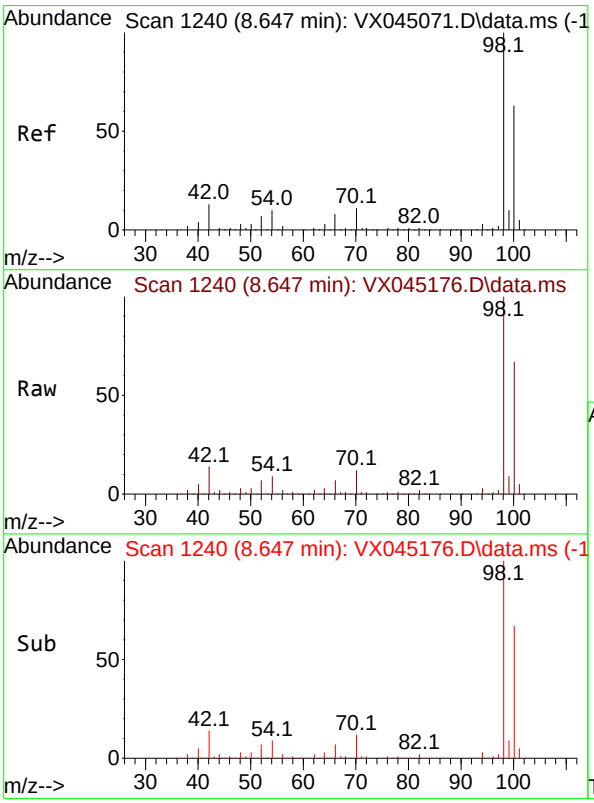
#49
1,4-Dioxane
Concen: 0.679 ug/l
RT: 7.793 min Scan# 11
Delta R.T. 0.134 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	2077115.0	28.7	43.1#
58	9440.0	55.8	83.8#

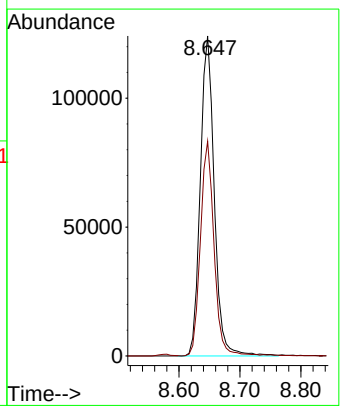


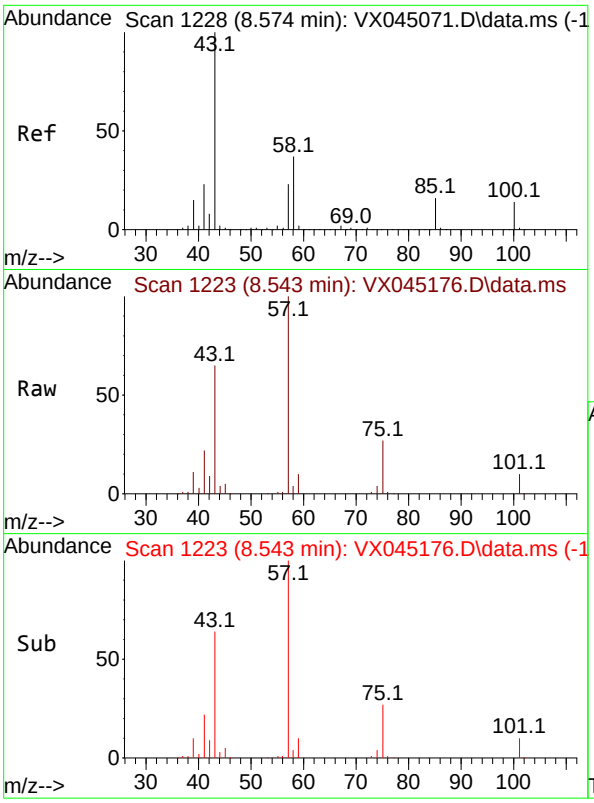


#50
Toluene-d8
Concen: 51.152 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 98 Resp: 197597

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.0	78.0



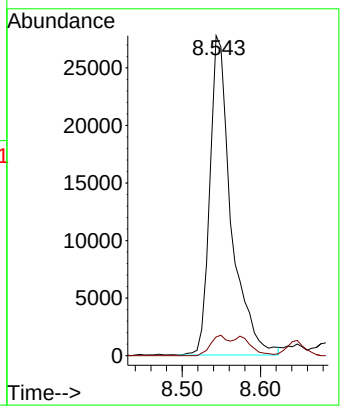


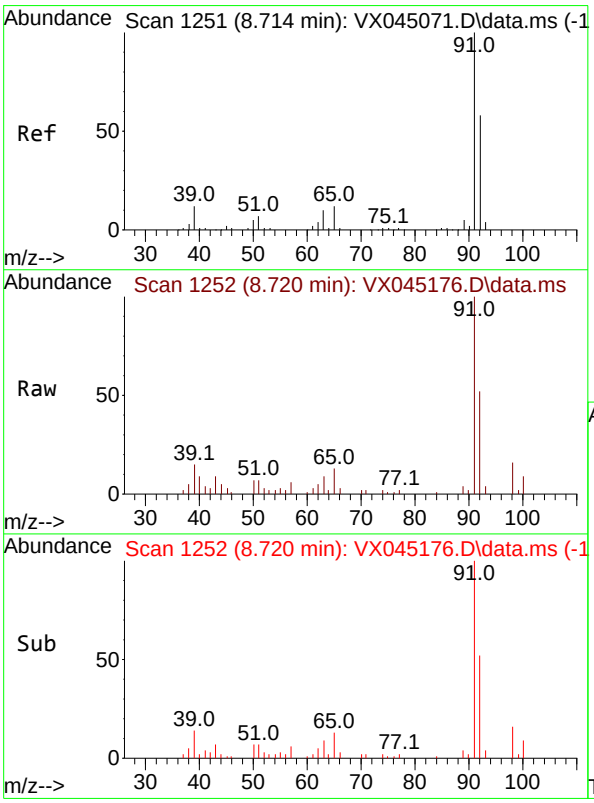
#51
4-Methyl-2-Pentanone
Concen: 27.995 ug/l
RT: 8.543 min Scan# 1
Delta R.T. -0.030 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 43 Resp: 52337

Ion	Ratio	Lower	Upper
43	100		
58	5.5	29.2	43.8#

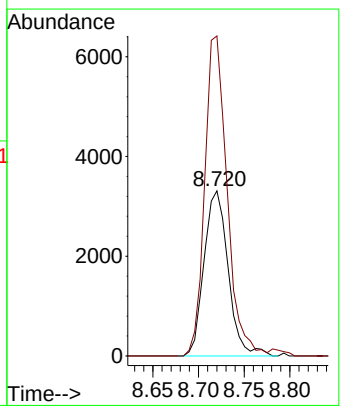


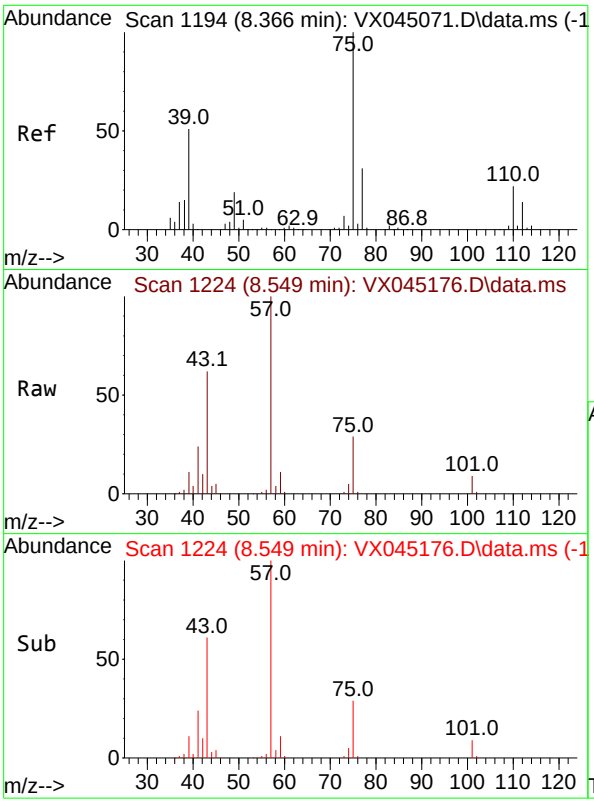


#52
Toluene
Concen: 2.243 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 92 Resp: 6073

Ion	Ratio	Lower	Upper
92	100		
91	179.5	138.9	208.3



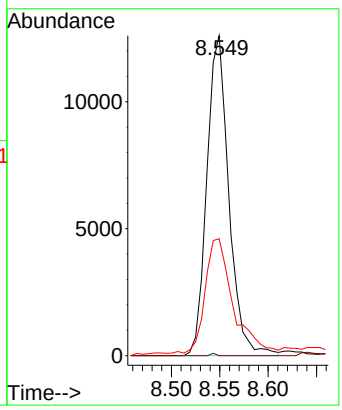


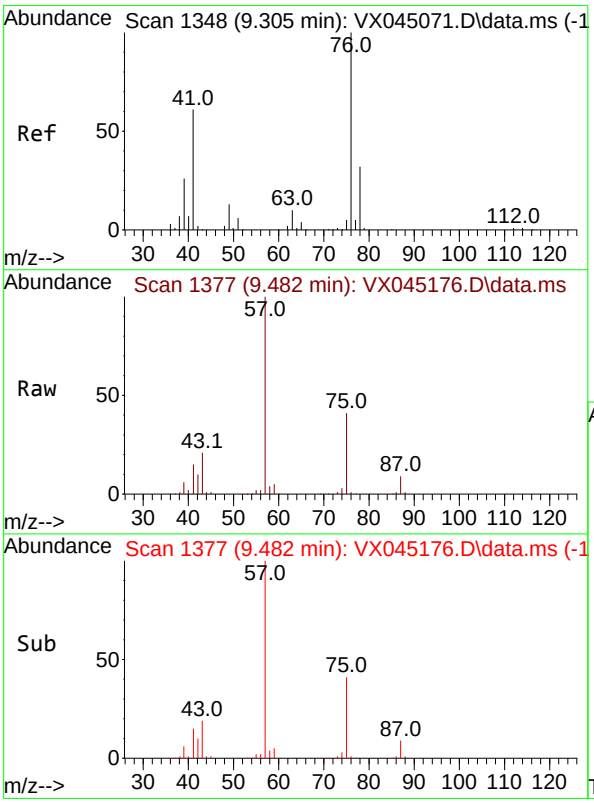
#54
cis-1,3-Dichloropropene
Concen: 12.434 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 75 Resp: 19937

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.7	37.1#
39	35.2	40.7	61.1#

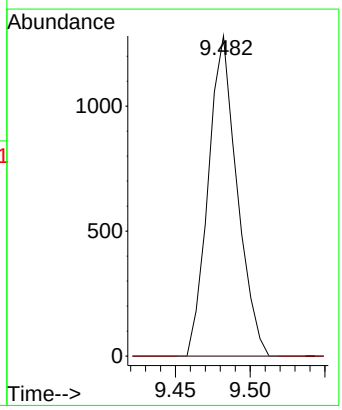


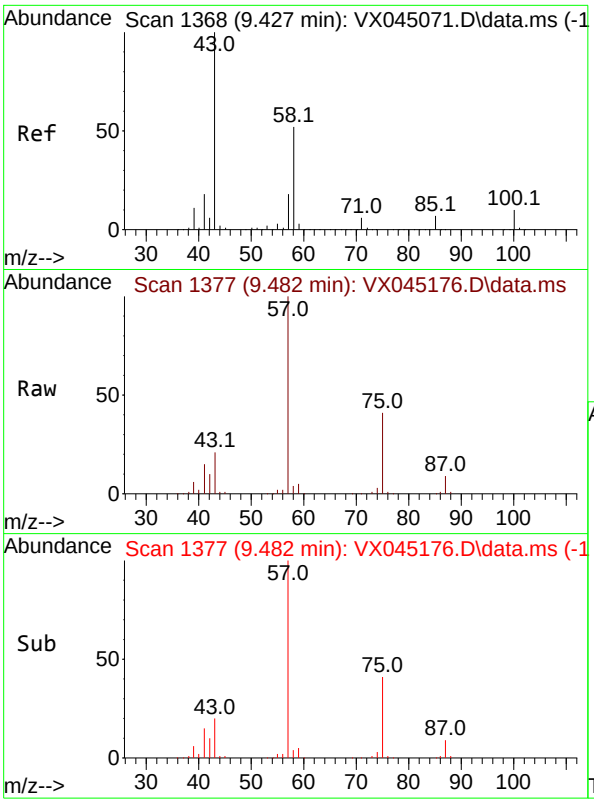


#57
1,3-Dichloropropane
Concen: 0.890 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 76 Resp: 1717

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#



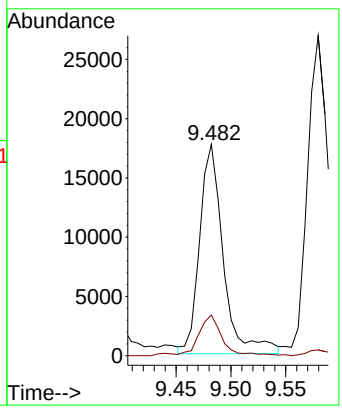


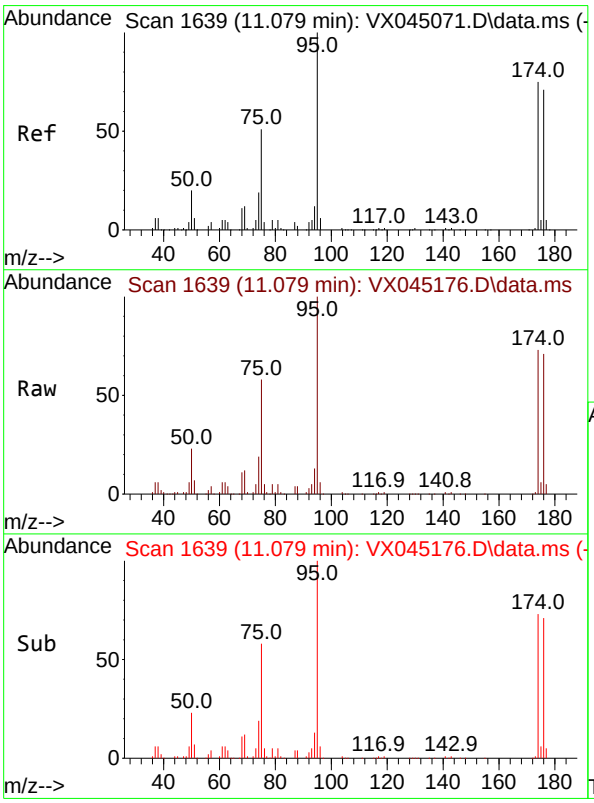
#59
2-Hexanone
Concen: 19.635 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.055 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 43 Resp: 26597

Ion	Ratio	Lower	Upper
43	100		
58	18.7	25.9	77.6#

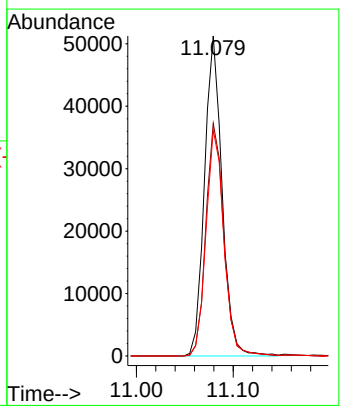


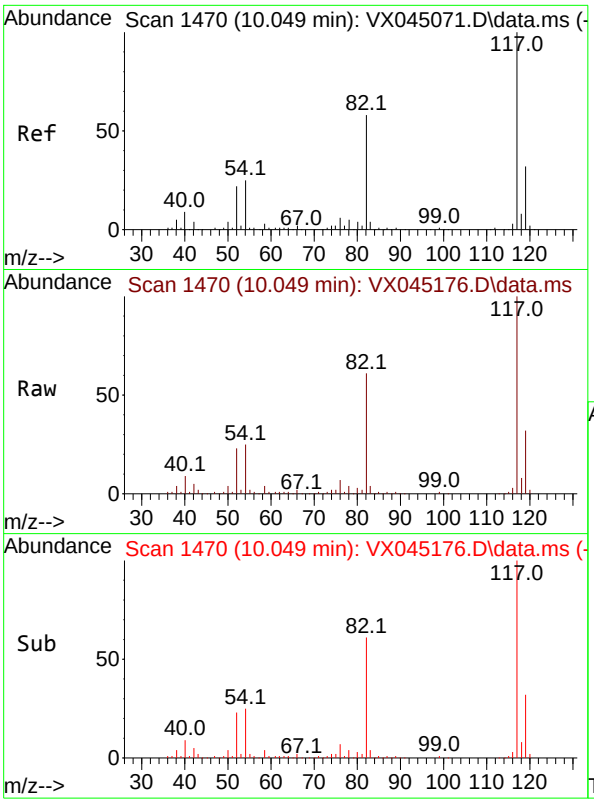


#62
4-Bromofluorobenzene
Concen: 50.644 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 95 Resp: 64828

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	148.2
176	71.7	0.0	141.4



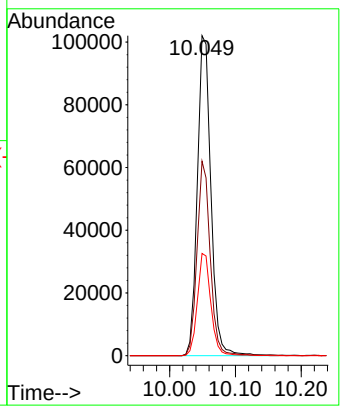


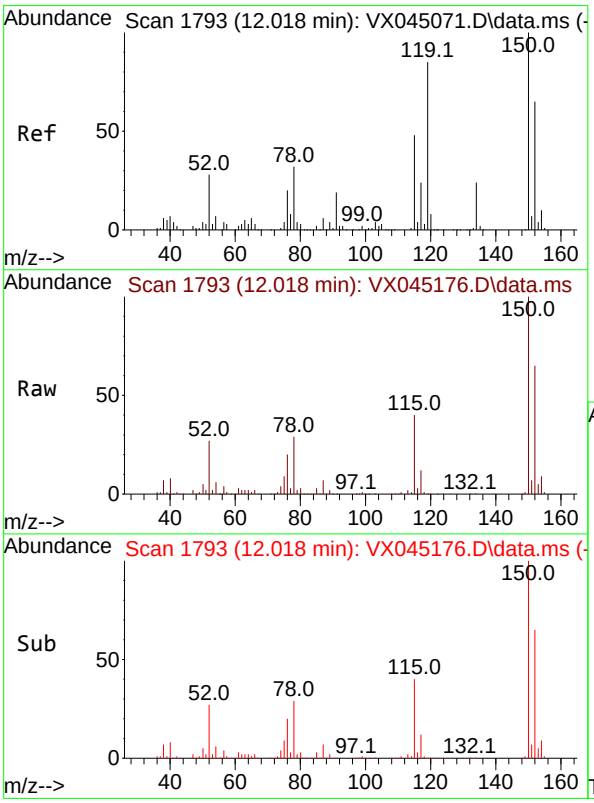
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion:117 Resp: 146313

Ion	Ratio	Lower	Upper
117	100		
82	60.7	46.3	69.5
119	32.0	25.7	38.5

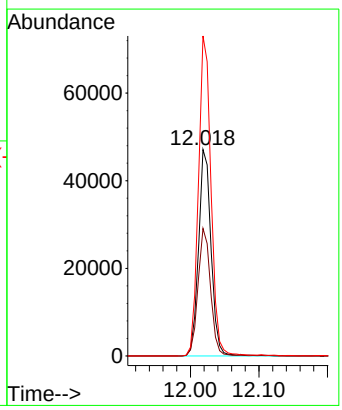


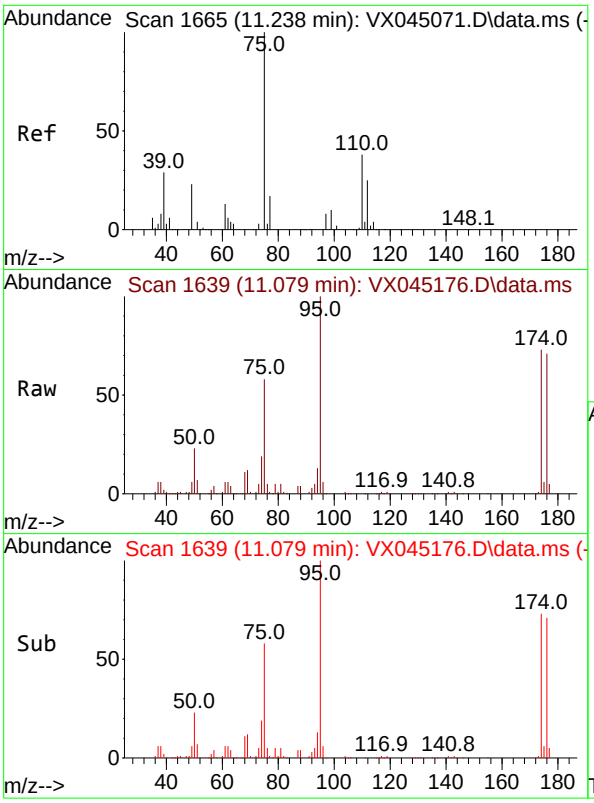


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion:152 Resp: 59972

Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.2	132.6
150	155.4	0.0	349.0



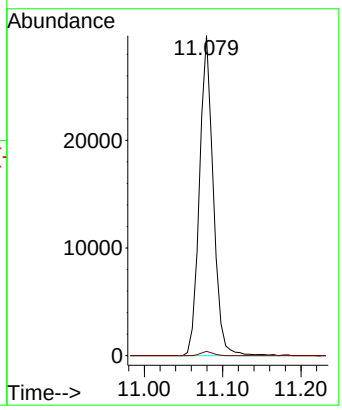


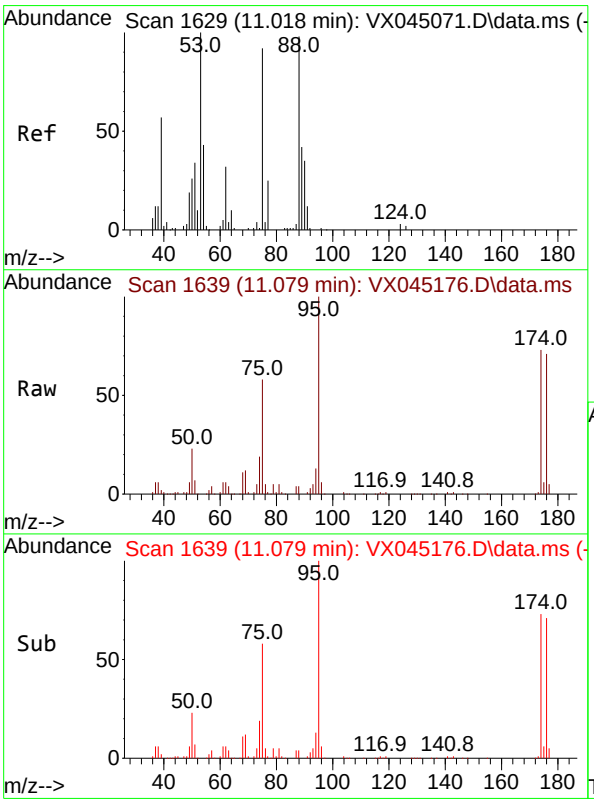
#76
1,2,3-Trichloropropane
Concen: 26.071 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Instrument :
MSVOA_X
ClientSampleId :
CLAY-SLUDGE-DRUMS

Tgt Ion: 75 Resp: 36391

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.7	62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045176.D
Acq: 06 Mar 2025 18:12

Tgt Ion: 75 Resp: 36391

Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.5	132.7#
89	0.0	36.2	54.4#