Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045671.D
Acq On : 09 Apr 2025 13:24
Operator : JC/MD
Sample : PB167487TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Quant Time: Apr 10 01:34:53 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	70928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72450	55.856	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.720%			
35) Dibromofluoromethane	5.379	113	51360	51.740	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.480%			
50) Toluene-d8	8.647	98	179846	51.908	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.820%			
62) 4-Bromofluorobenzene	11.079	95	67169	53.223	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.440%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	2798	16.051	ug/l #	79
13) Acrolein	2.239	56	204	0.850	ug/l	99
14) Allyl chloride	2.636	41	342	0.212	ug/l #	21
16) Acetone	2.380	43	105150	197.420	ug/l	98
18) Methyl Acetate	2.703	43	2357	1.922	ug/l	94
20) Methylene Chloride	2.782	84	11734	11.768	ug/l	95
23) Vinyl Acetate	3.568	43	1315	0.478	ug/l #	74
25) 2-Butanone	4.562	43	12656	16.233	ug/l	98
29) Tetrahydrofuran	5.050	42	222	0.439	ug/l #	35
31) Cyclohexane	5.544	56	2287	1.437	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	7283	5.434	ug/l #	50
37) Ethyl Acetate	4.562	43	12656	7.493	ug/l #	71
38) Carbon Tetrachloride	5.550	117	8256	5.700	ug/l #	17
43) Isopropyl Acetate	6.342	43	8672	3.388	ug/l #	94
48) Methyl methacrylate	7.793	41	46475	35.162	ug/l #	49
51) 4-Methyl-2-Pentanone	8.543	43	42409	24.990	ug/l #	48
53) t-1,3-Dichloropropene	8.952	75	166	2.394	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	14066	9.560	ug/l #	72
57) 1,3-Dichloropropane	9.482	76	1427	0.830	ug/l #	42
59) 2-Hexanone	9.482	43	24131	19.202	ug/l #	58
76) 1,2,3-Trichloropropane	11.079	75	39284	28.019	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39284	95.093	ug/l #	1

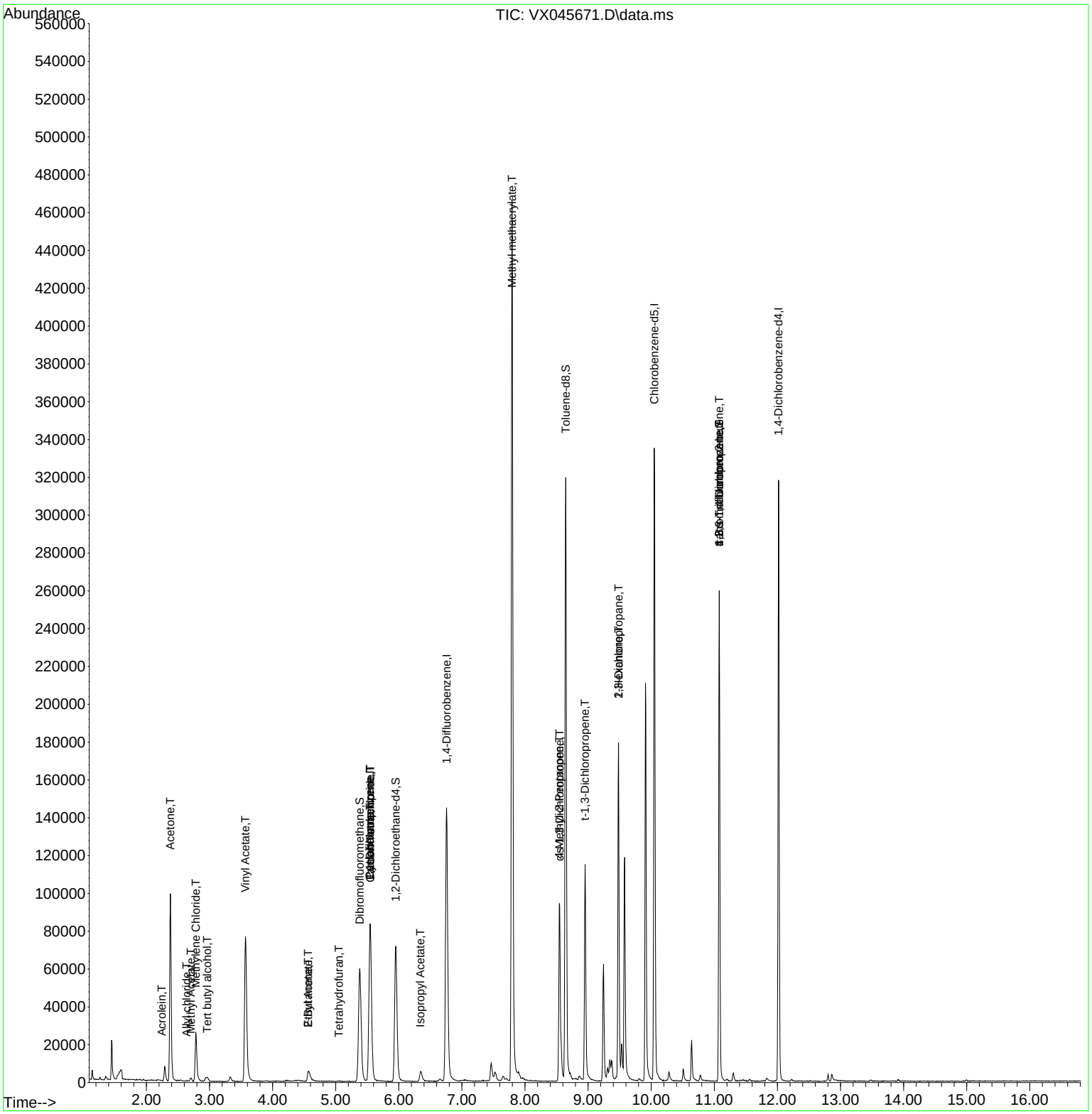
(#) = qualifier out of range (m) = manual integration (+) = signals summed

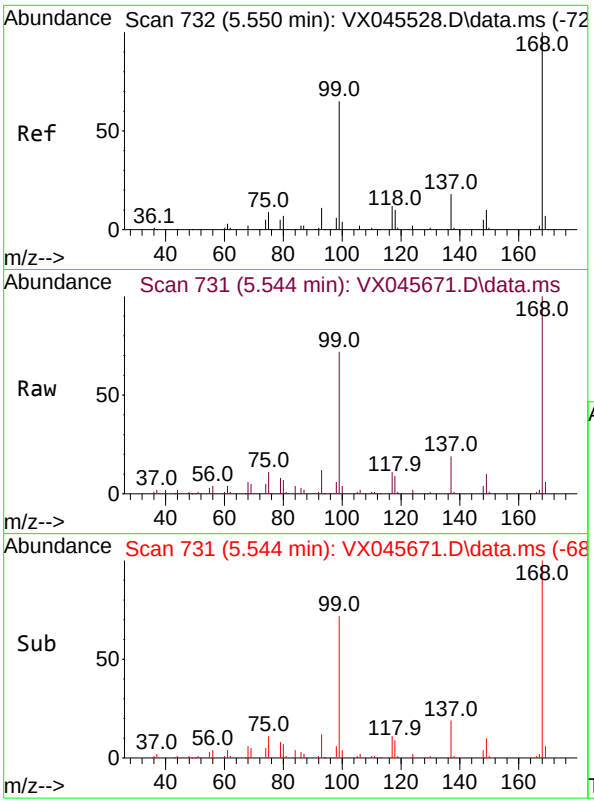
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045671.D
Acq On : 09 Apr 2025 13:24
Operator : JC/MD
Sample : PB167487TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Quant Time: Apr 10 01:34:53 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



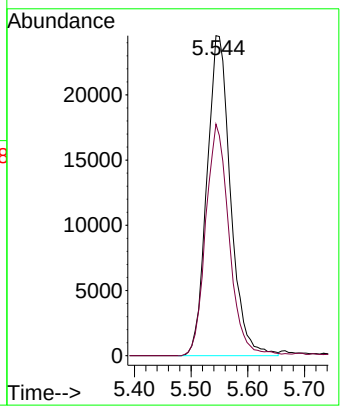


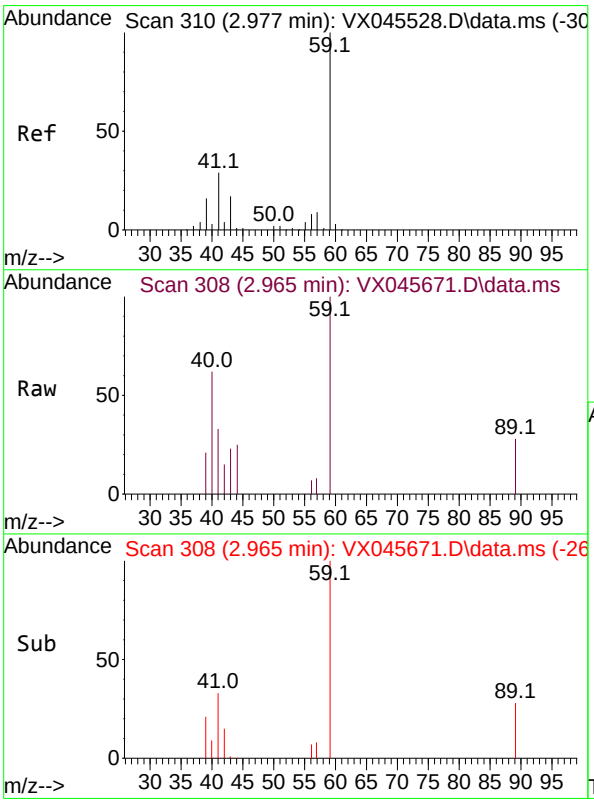
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion:168 Resp: 70928

Ion	Ratio	Lower	Upper
168	100		
99	72.3	52.3	78.5

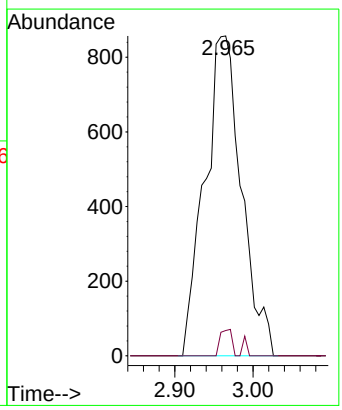


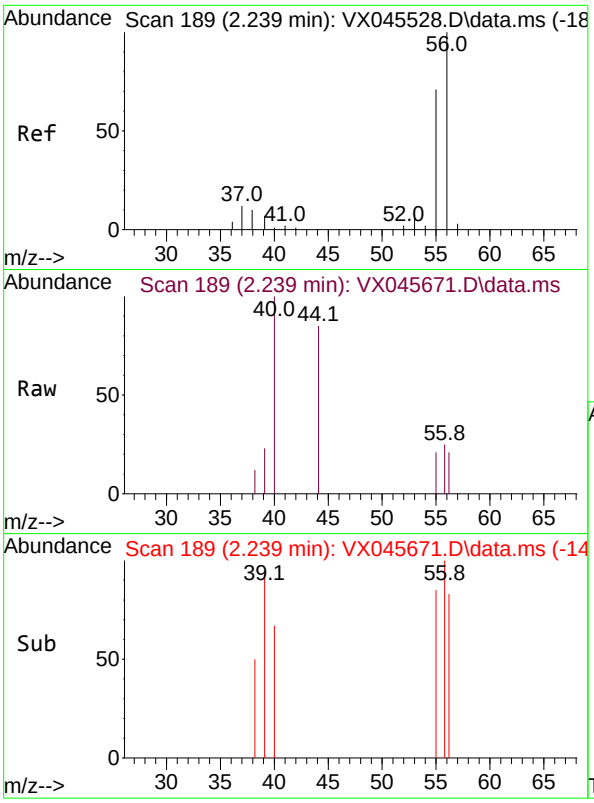


#11
Tert butyl alcohol
Concen: 16.051 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 59 Resp: 2798

Ion	Ratio	Lower	Upper
59	100		
57	2.6	8.6	12.8#



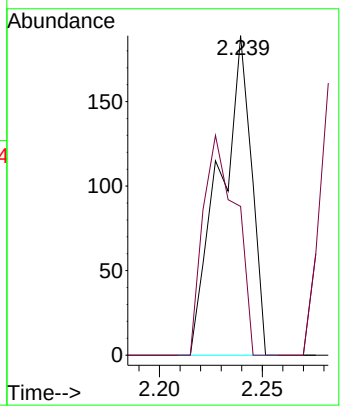


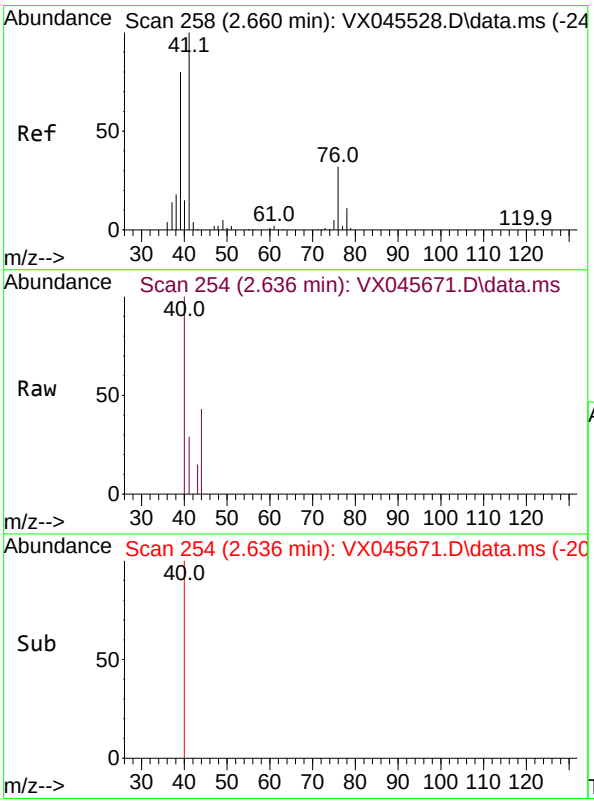
#13
Acrolein
Concen: 0.850 ug/l
RT: 2.239 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion: 56 Resp: 204

Ion	Ratio	Lower	Upper
56	100		
55	71.1	56.2	84.2

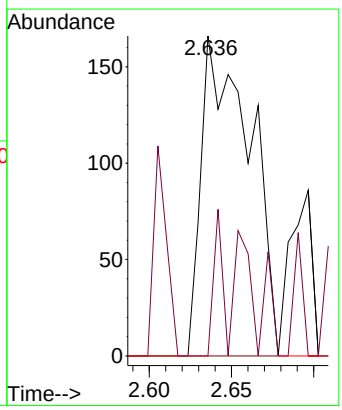


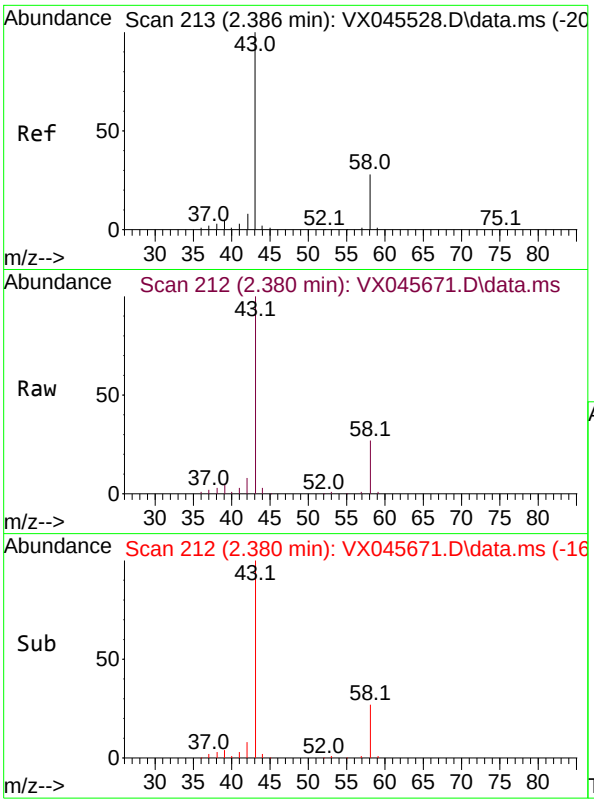


#14
Allyl chloride
Concen: 0.212 ug/l
RT: 2.636 min Scan# 254
Delta R.T. -0.024 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 41 Resp: 342

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



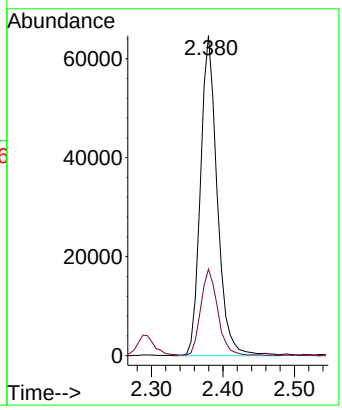


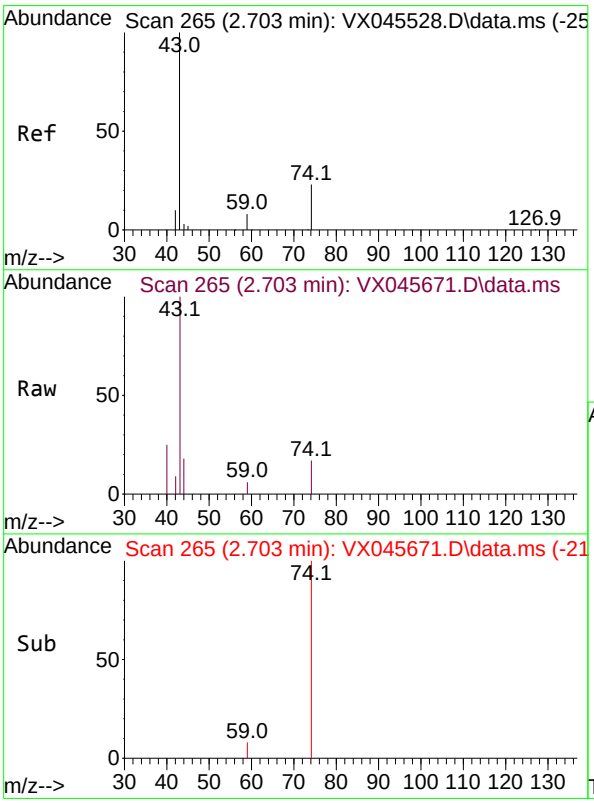
#16
Acetone
Concen: 197.420 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion: 43 Resp: 105150

Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.3	33.5

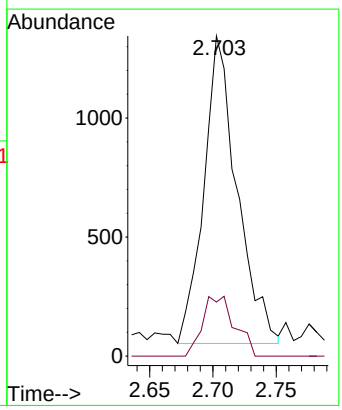


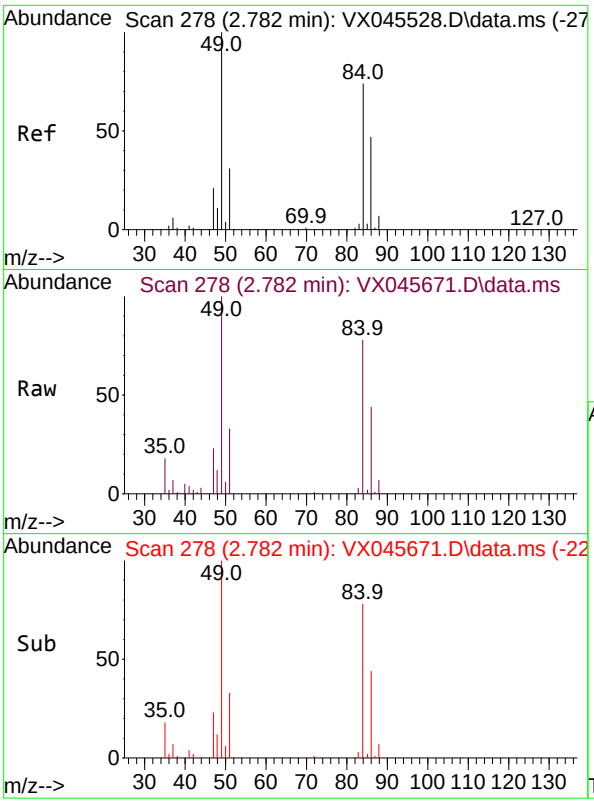


#18
Methyl Acetate
Concen: 1.922 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 43 Resp: 2357

Ion	Ratio	Lower	Upper
43	100		
74	18.9	17.5	26.3



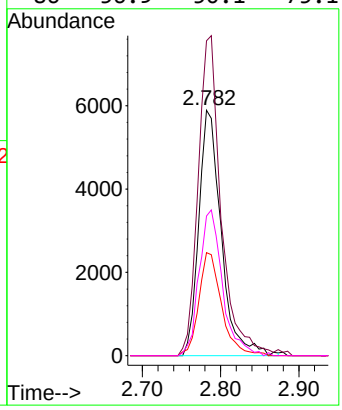


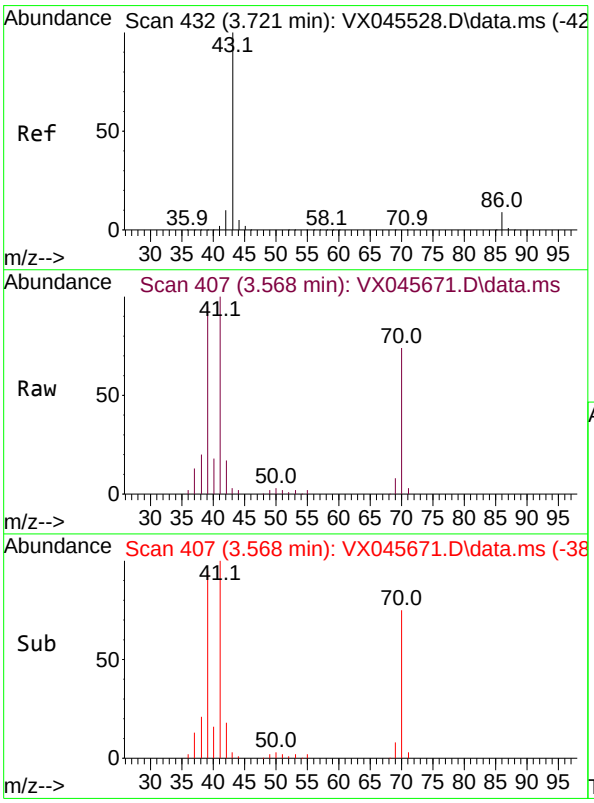
#20
Methylene Chloride
Concen: 11.768 ug/l
RT: 2.782 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion: 84 Resp: 11734

Ion	Ratio	Lower	Upper
84	100		
49	128.3	107.5	161.3
51	42.0	33.0	49.6
86	56.9	50.1	75.1

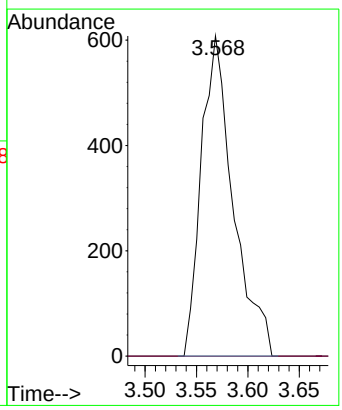


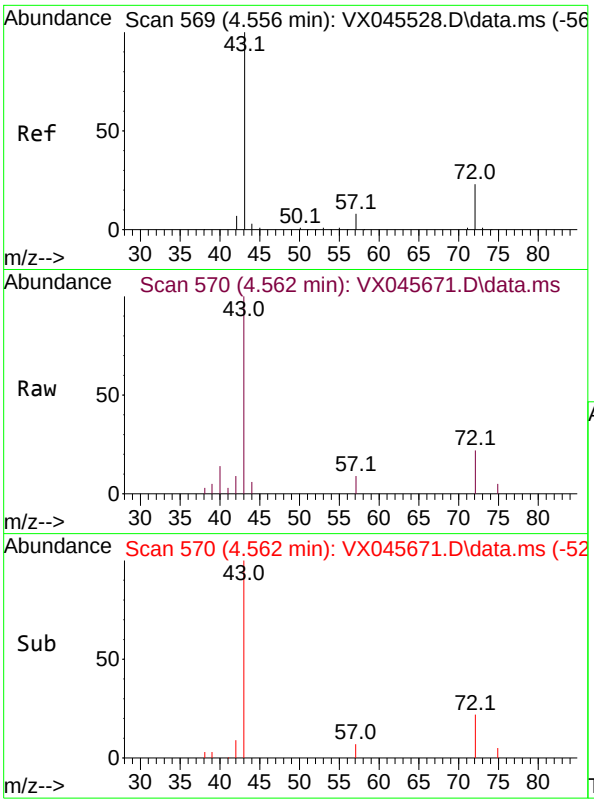


#23
Vinyl Acetate
Concen: 0.478 ug/l
RT: 3.568 min Scan# 407
Delta R.T. -0.152 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 43 Resp: 1315

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.5	11.3#



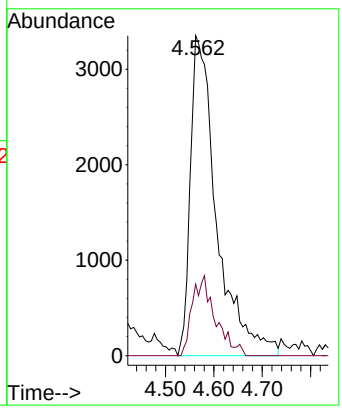


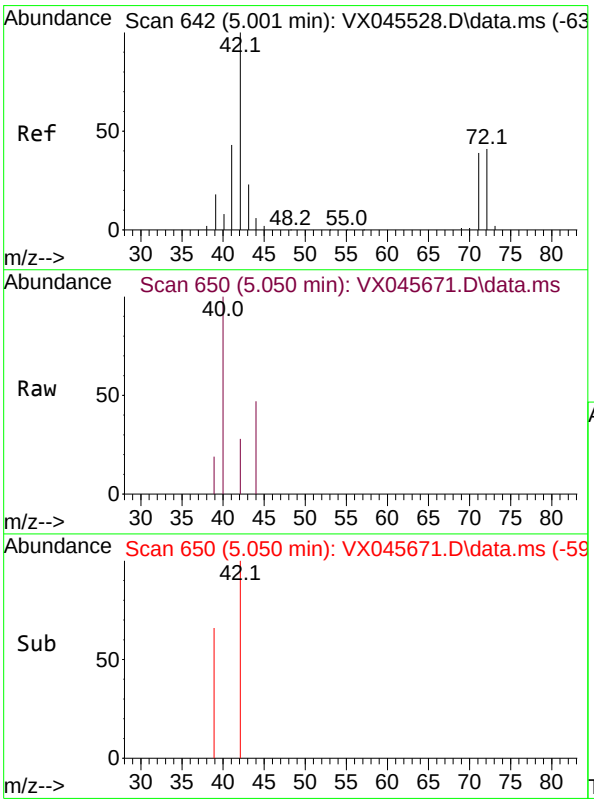
#25
2-Butanone
Concen: 16.233 ug/l
RT: 4.562 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion: 43 Resp: 12656

Ion	Ratio	Lower	Upper
43	100		
72	22.3	18.6	28.0

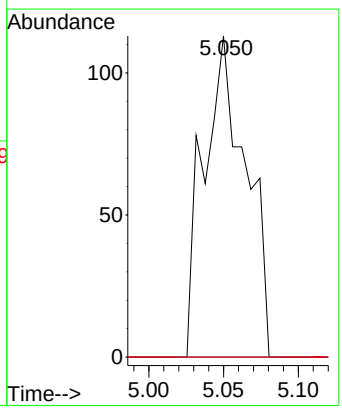


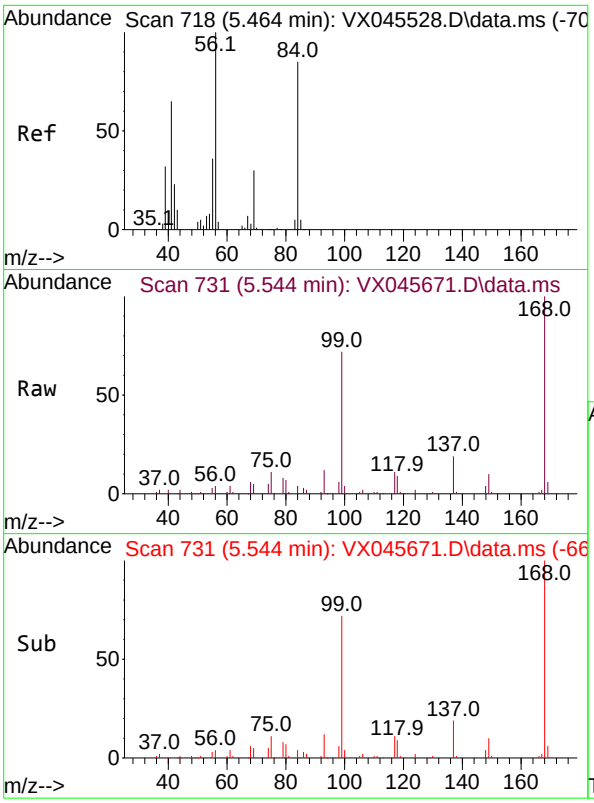


#29
Tetrahydrofuran
Concen: 0.439 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.049 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 42 Resp: 222

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



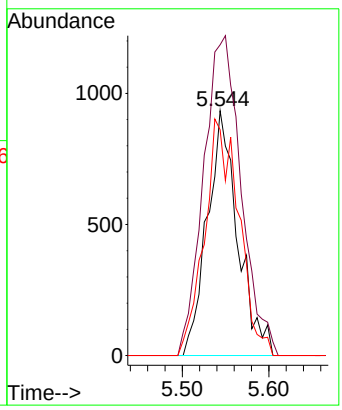


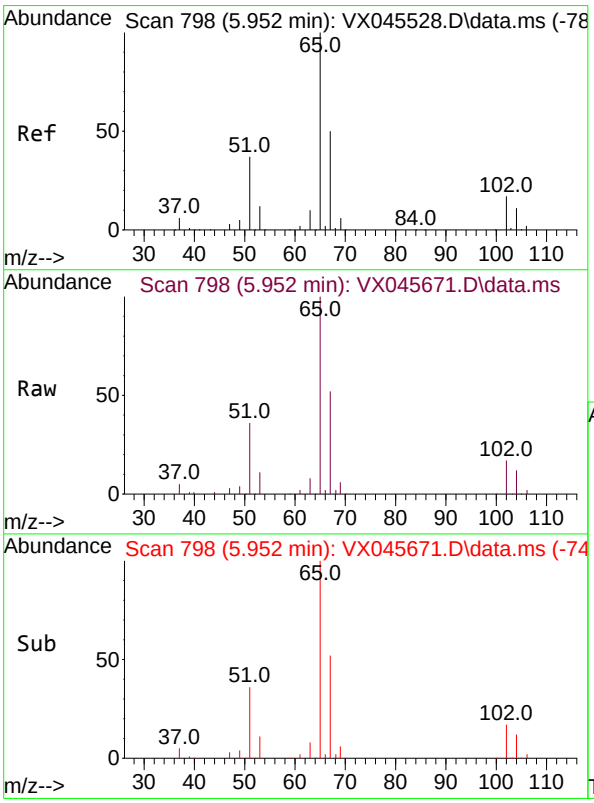
#31
Cyclohexane
Concen: 1.437 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.079 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion: 56 Resp: 2287

Ion	Ratio	Lower	Upper
56	100		
69	126.9	23.6	35.4#
84	92.2	67.7	101.5

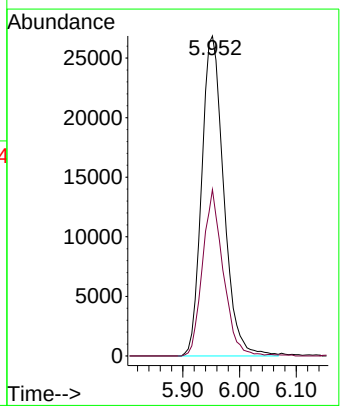


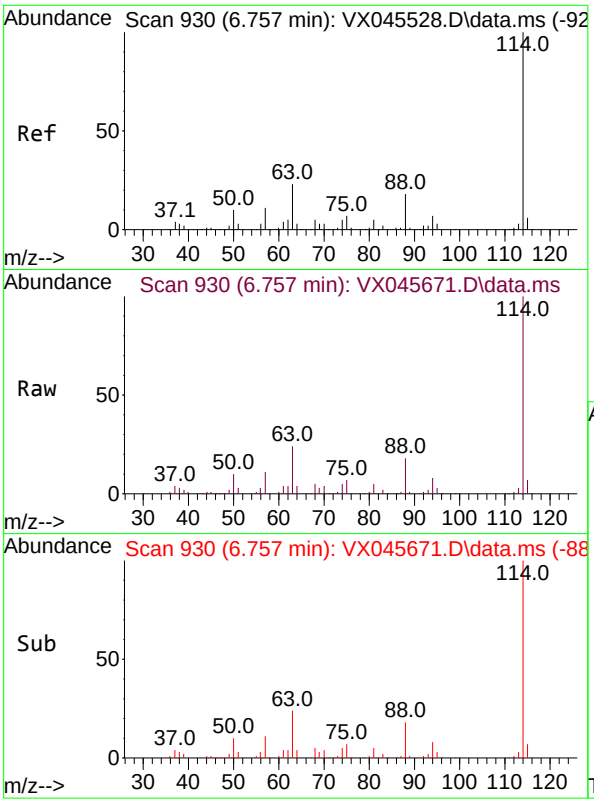


#33
1,2-Dichloroethane-d4
Concen: 55.856 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 65 Resp: 72450

Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	99.0



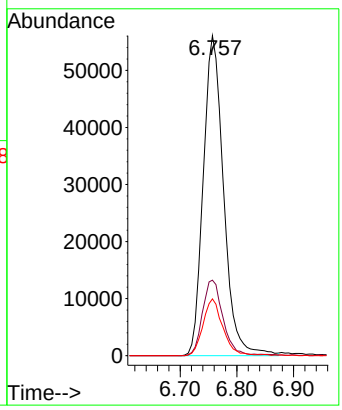


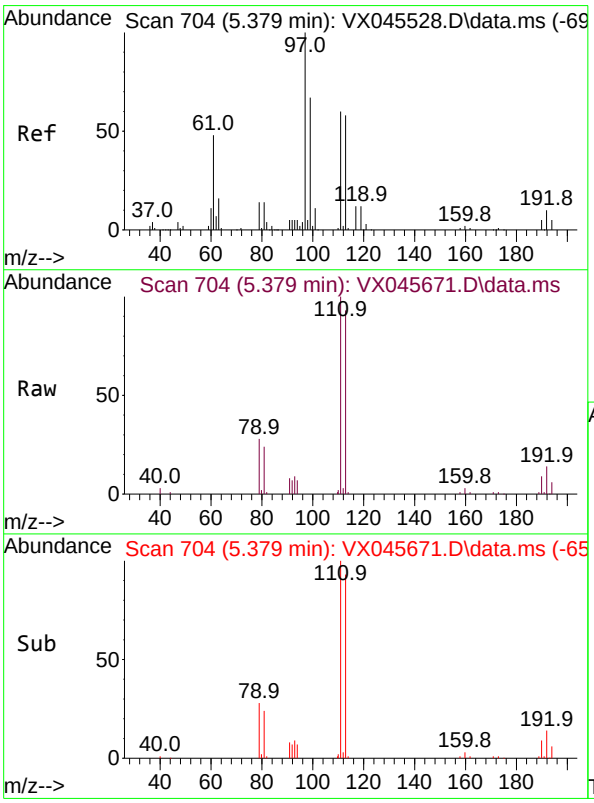
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion:114 Resp: 139908

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	46.8
88	17.8	0.0	35.4

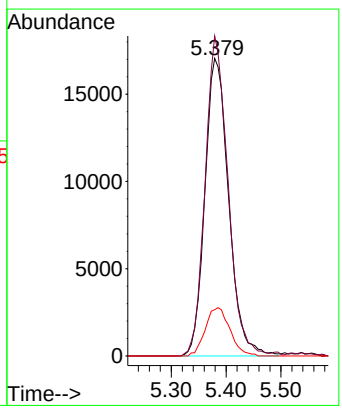


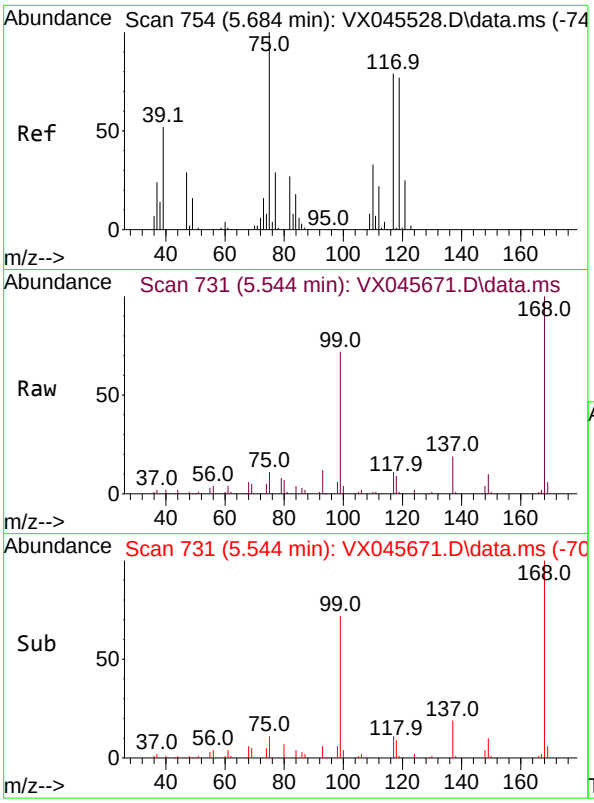


#35
Dibromofluoromethane
Concen: 51.740 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion:113 Resp: 51360

Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.8	122.6
192	16.8	13.8	20.6



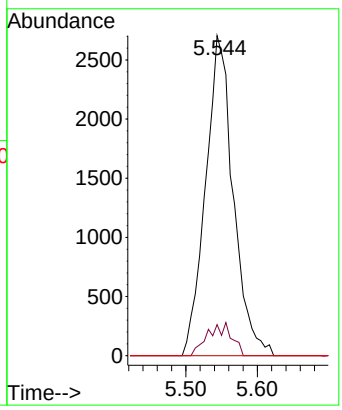


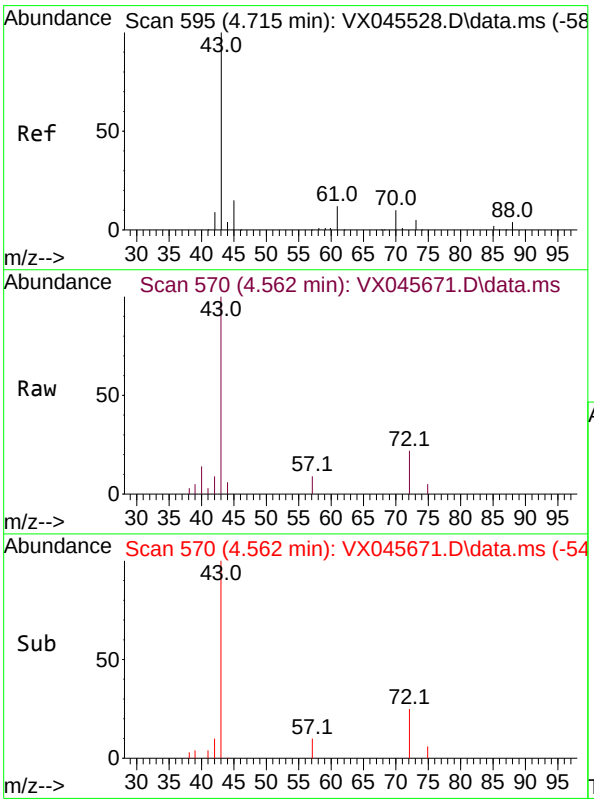
#36
1,1-Dichloropropene
Concen: 5.434 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion: 75 Resp: 7283

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.9	50.6#
77	0.0	25.0	37.4#

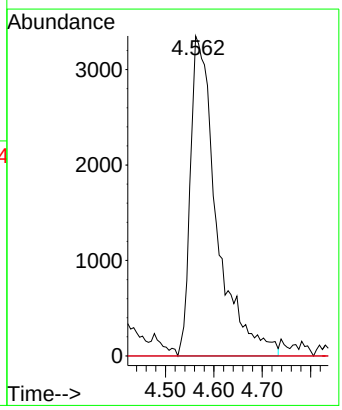


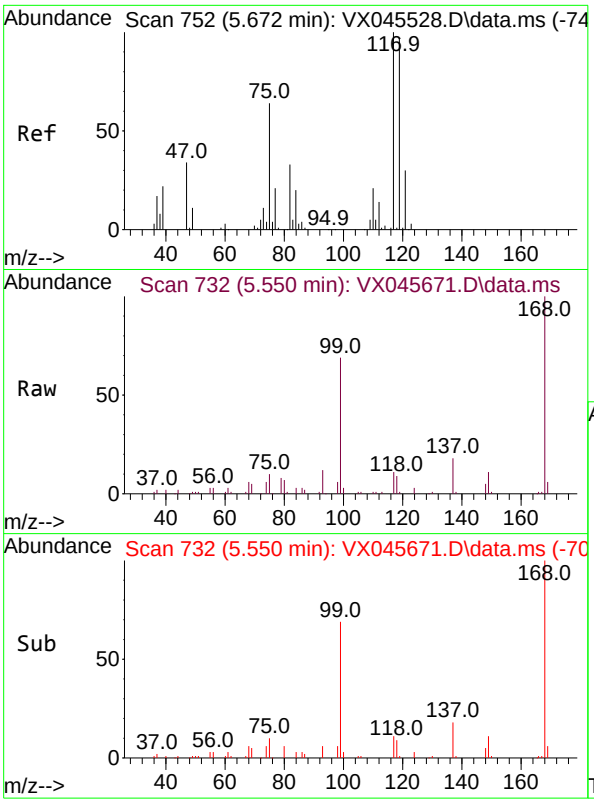


#37
Ethyl Acetate
Concen: 7.493 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.152 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 43 Resp: 12656

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



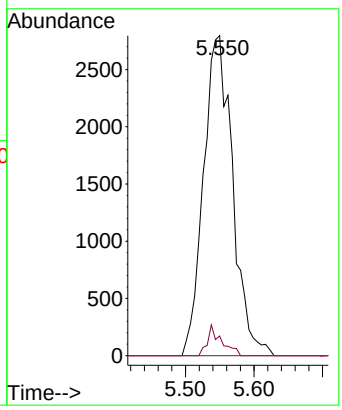


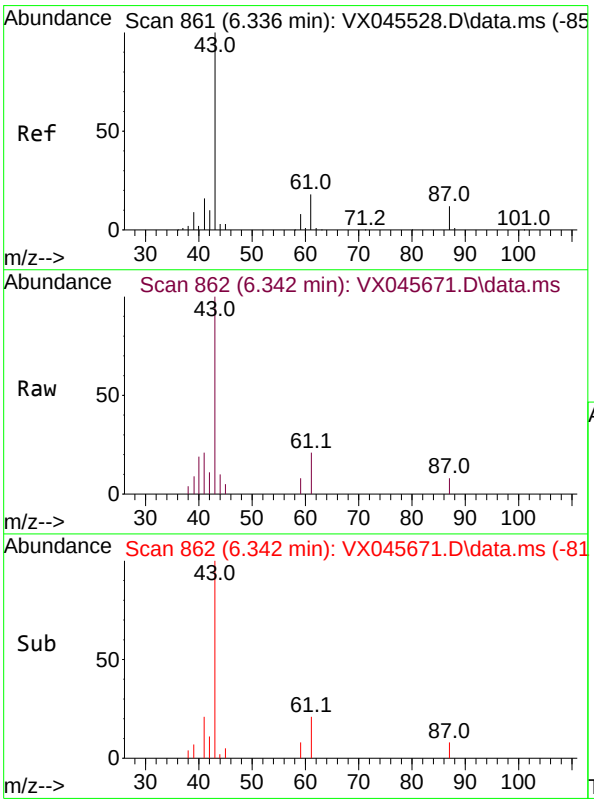
#38
Carbon Tetrachloride
Concen: 5.700 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.122 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion:117 Resp: 8256

Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.9	115.3#
121	0.0	24.2	36.2#

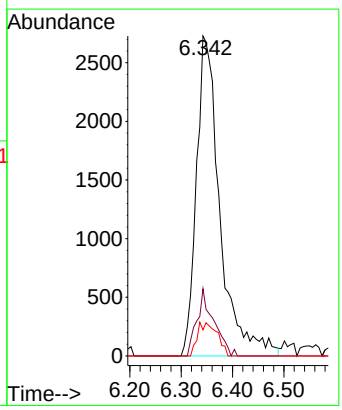


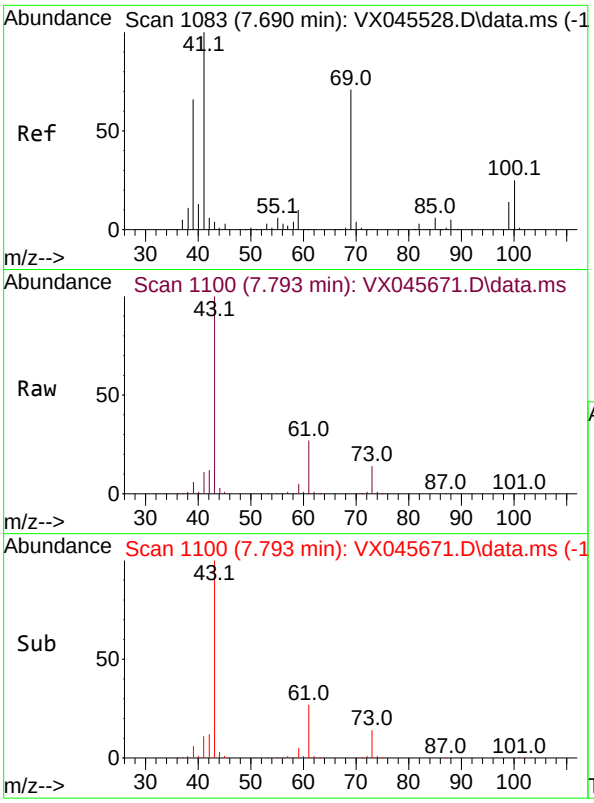


#43
Isopropyl Acetate
Concen: 3.388 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 43 Resp: 8672

Ion	Ratio	Lower	Upper
43	100		
61	15.1	14.1	21.1
87	8.8	9.2	13.8#



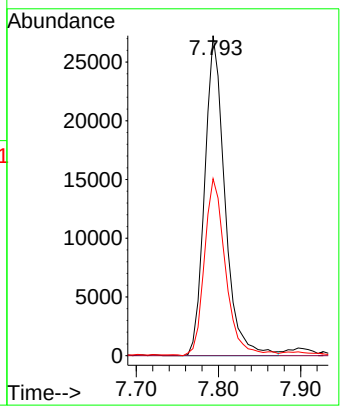


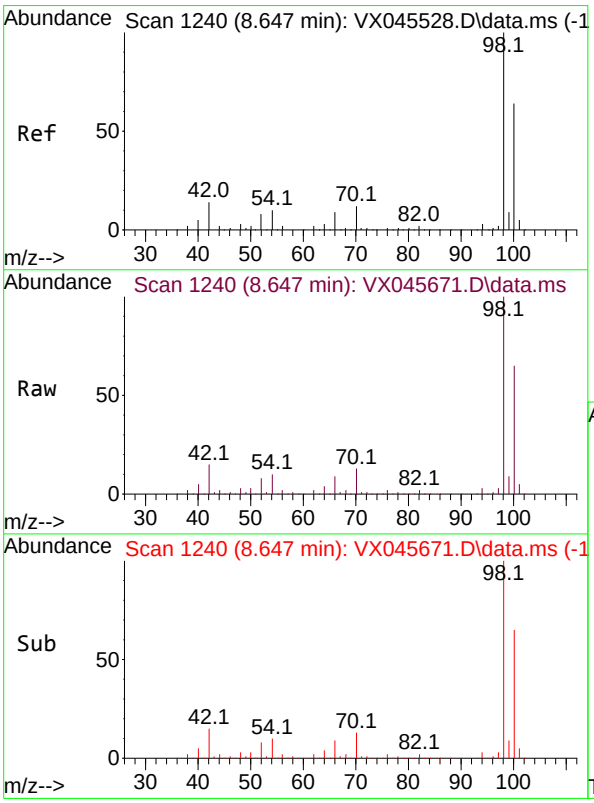
#48
Methyl methacrylate
Concen: 35.162 ug/l
RT: 7.793 min Scan# 11
Delta R.T. 0.104 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion: 41 Resp: 46475

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.2	87.2#
39	58.0	53.6	80.4

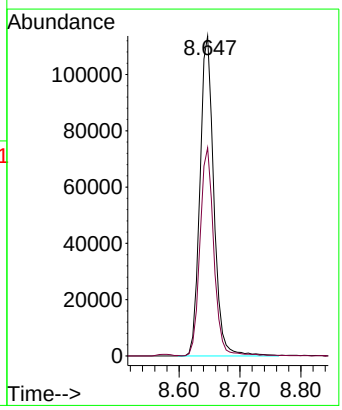


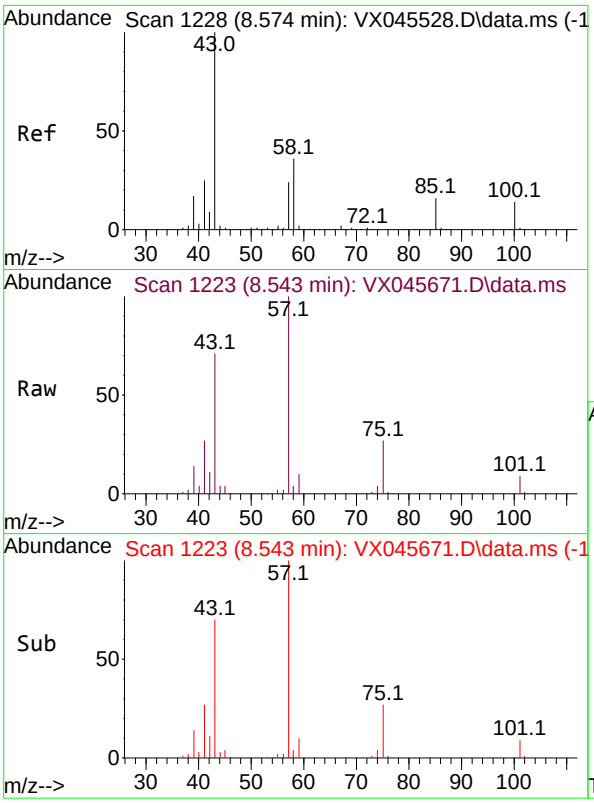


#50
Toluene-d8
Concen: 51.908 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 98 Resp: 179846

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.4



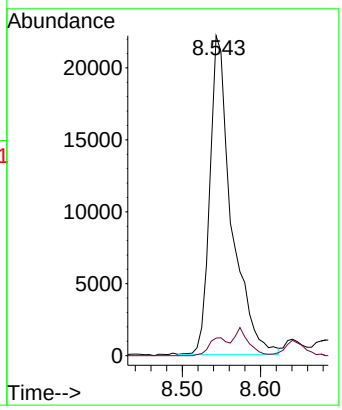


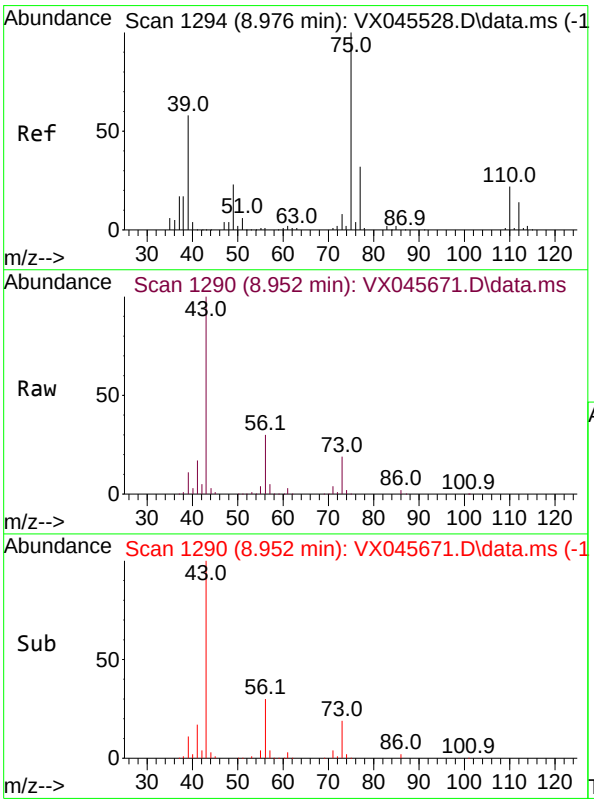
#51
4-Methyl-2-Pentanone
Concen: 24.990 ug/l
RT: 8.543 min Scan# 1
Delta R.T. -0.030 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion: 43 Resp: 42409

Ion	Ratio	Lower	Upper
43	100		
58	5.2	28.5	42.7#

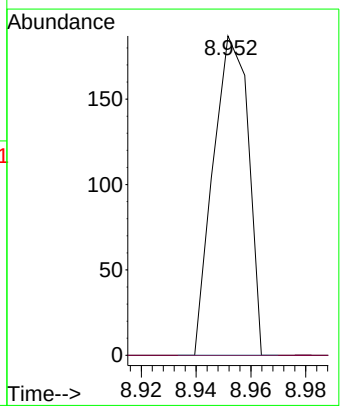


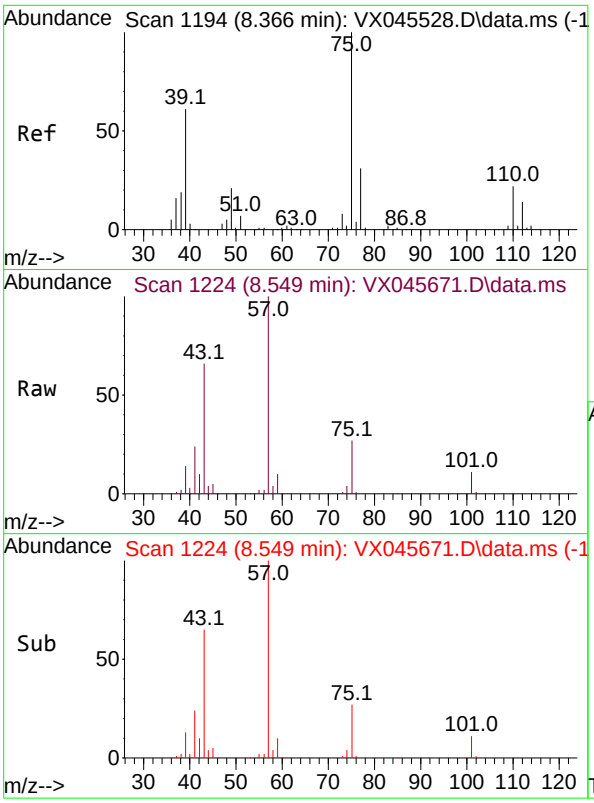


#53
t-1,3-Dichloropropene
Concen: 2.394 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 75 Resp: 166

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#



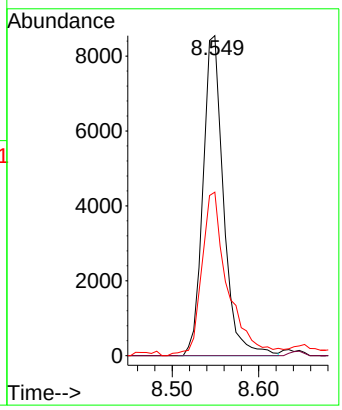


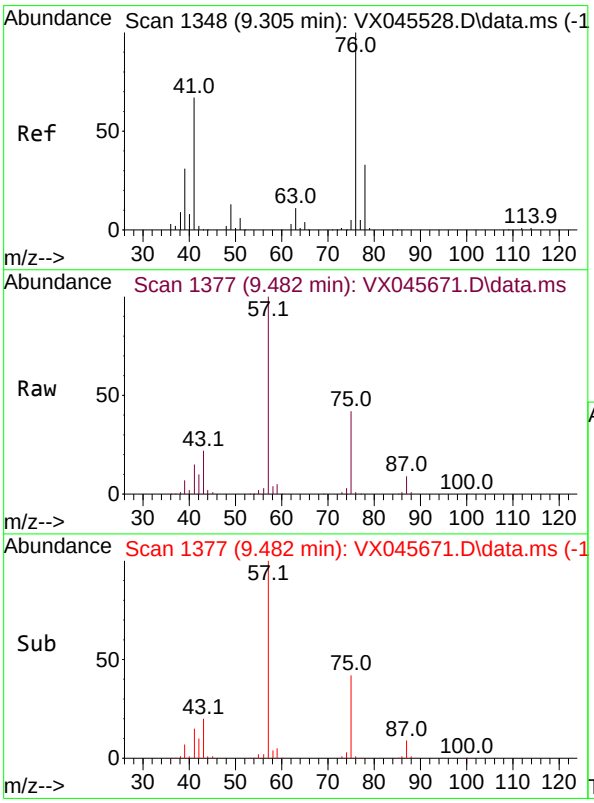
#54
cis-1,3-Dichloropropene
Concen: 9.560 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion: 75 Resp: 14066

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	50.2	48.4	72.6

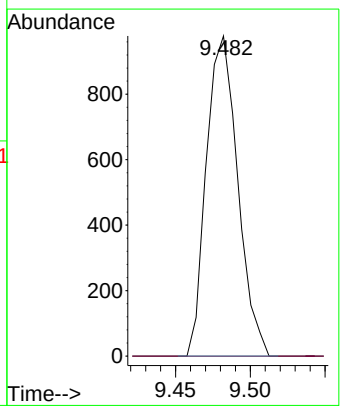


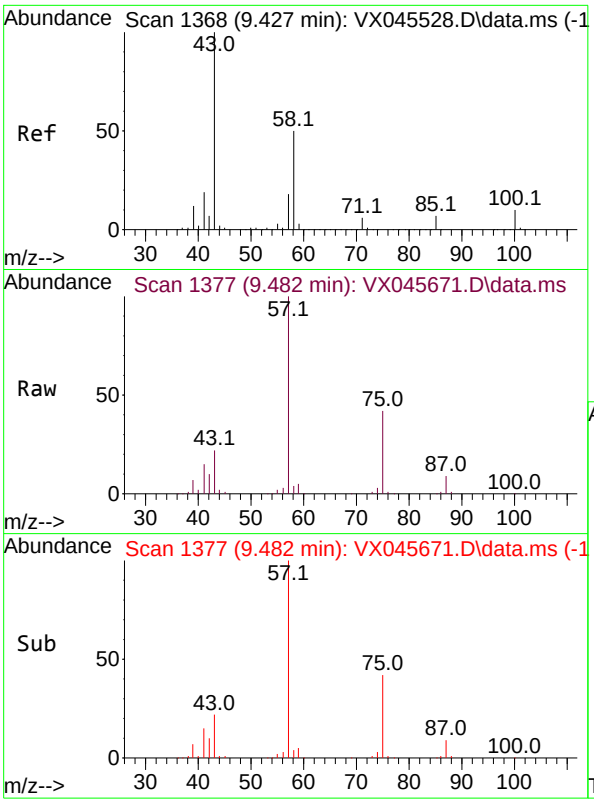


#57
1,3-Dichloropropane
Concen: 0.830 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 76 Resp: 1427

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.0	39.0#



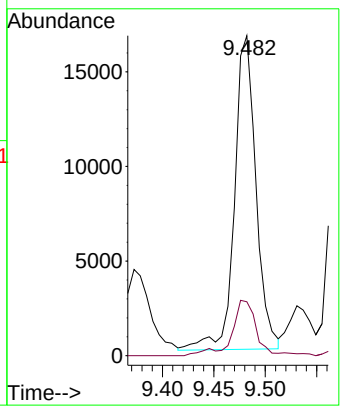


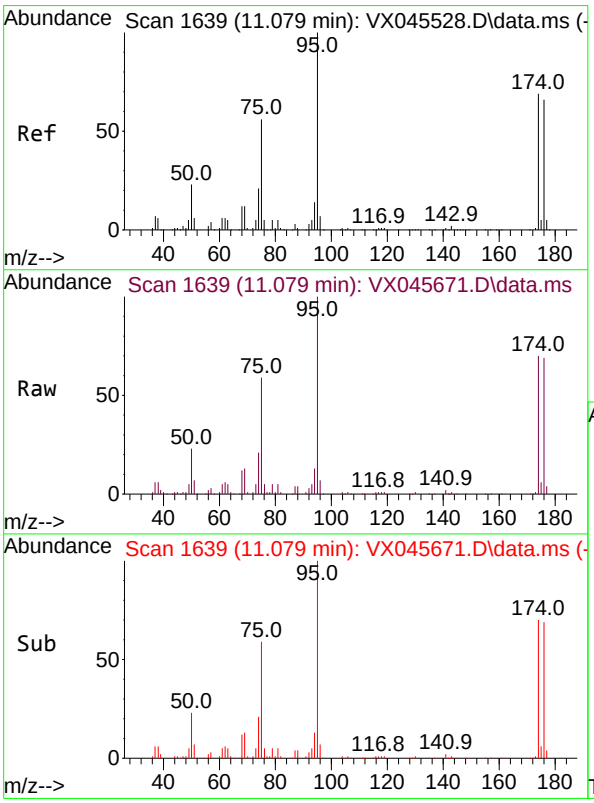
#59
2-Hexanone
Concen: 19.202 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.055 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion: 43 Resp: 24131

Ion	Ratio	Lower	Upper
43	100		
58	20.5	24.9	74.6#

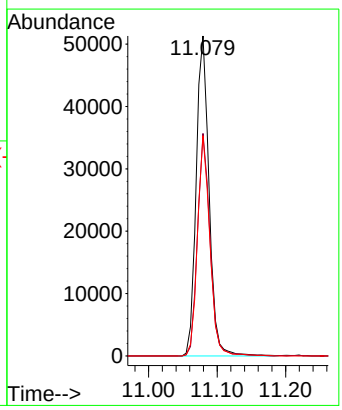


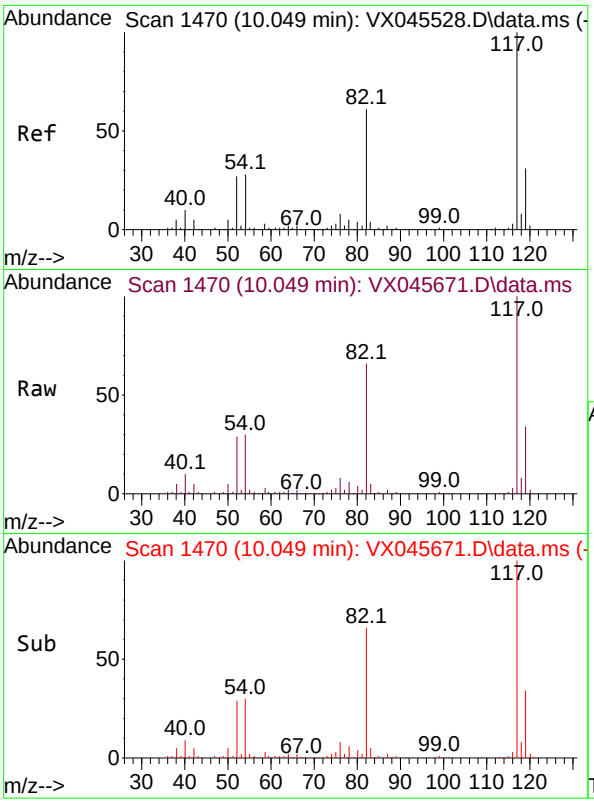


#62
4-Bromofluorobenzene
Concen: 53.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 95 Resp: 67169

Ion	Ratio	Lower	Upper
95	100		
174	67.5	0.0	135.8
176	66.5	0.0	131.4



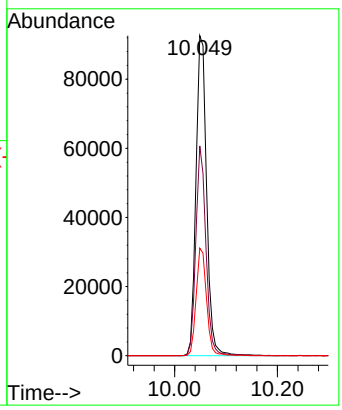


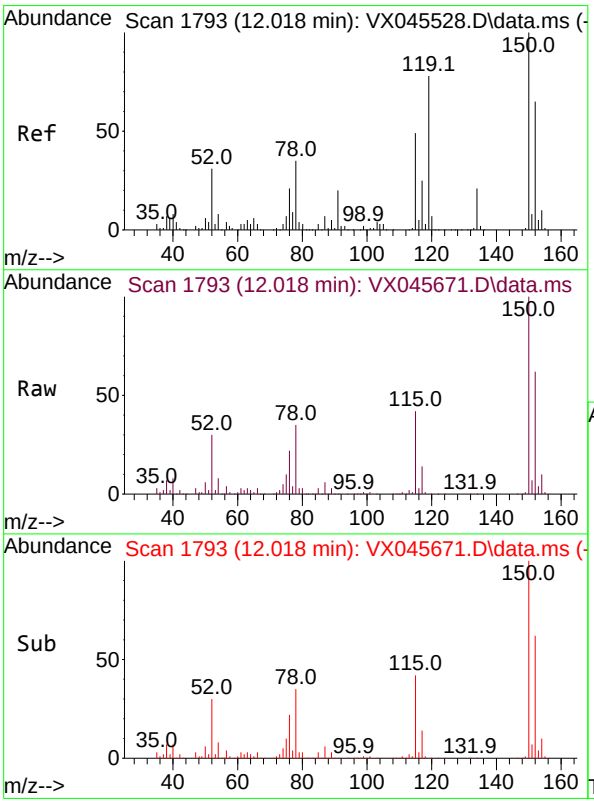
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion:117 Resp: 132847

Ion	Ratio	Lower	Upper
117	100		
82	65.6	49.2	73.8
119	33.6	25.1	37.7

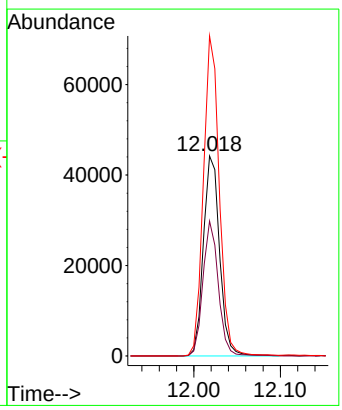


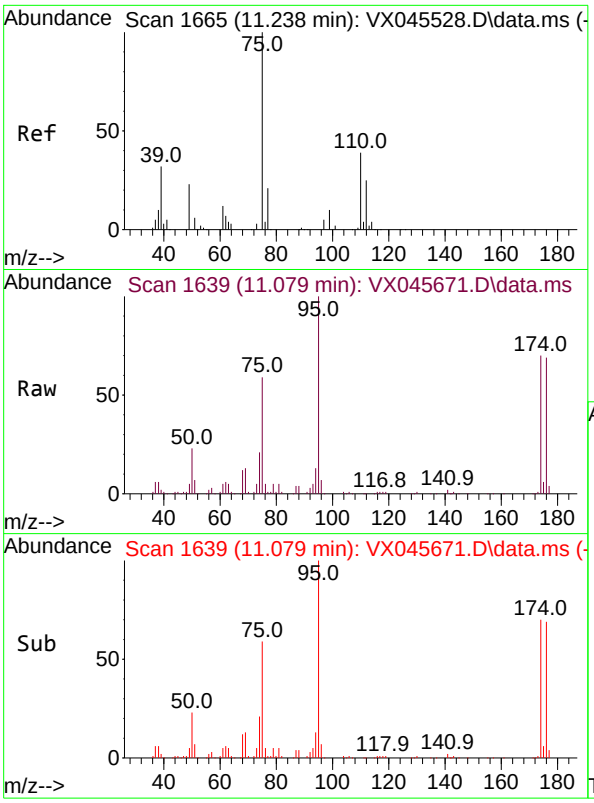


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion:152 Resp: 57479

Ion	Ratio	Lower	Upper
152	100		
115	64.1	46.9	140.7
150	156.9	0.0	349.4



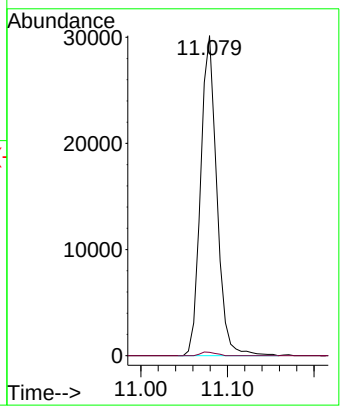


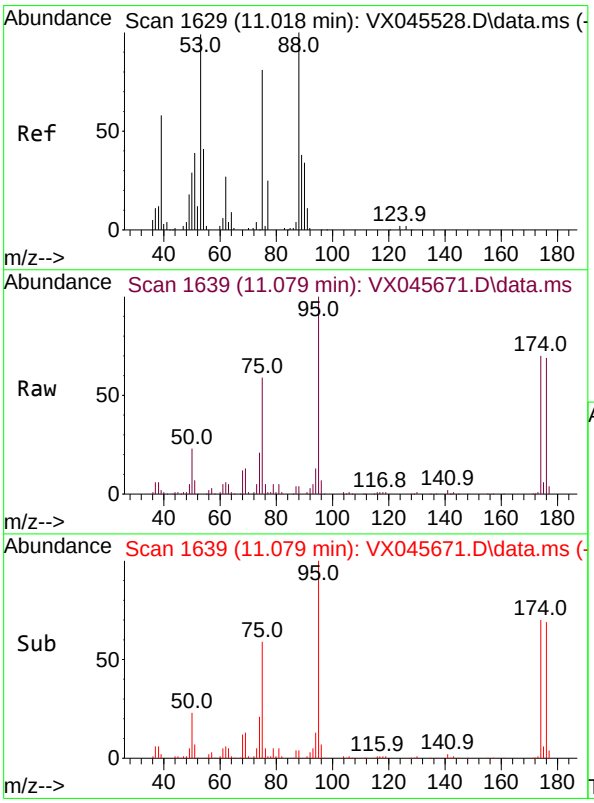
#76
1,2,3-Trichloropropane
Concen: 28.019 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Instrument :
MSVOA_X
ClientSampleId :
PB167487TB

Tgt Ion: 75 Resp: 39284

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.0	59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 95.093 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045671.D
Acq: 09 Apr 2025 13:24

Tgt Ion: 75 Resp: 39284

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