Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046692.D
Acq On : 13 Jun 2025 16:19
Operator : JC/MD
Sample : Q2296-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Quant Time: Jun 13 23:31:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	92827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	170984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	81838	49.554	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.100%			
35) Dibromofluoromethane	5.403	113	60599	48.193	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.380%			
50) Toluene-d8	8.653	98	215508	51.986	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	11.079	95	83089	48.443	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.880%			
Target Compounds						Qvalue
3) Chloromethane	1.252	50	681	0.581	ug/l #	43
6) Chloroethane	1.770	64	169	0.223	ug/l #	44
10) Methyl Iodide	2.471	142	400	0.303	ug/l #	81
11) Tert butyl alcohol	2.727	59	662	3.612	ug/l #	72
16) Acetone	2.398	43	8230	17.052	ug/l	93
17) Carbon Disulfide	2.526	76	260	0.313	ug/l #	76
18) Methyl Acetate	2.721	43	7710	3.919	ug/l #	90
20) Methylene Chloride	2.806	84	3570	2.694	ug/l #	89
25) 2-Butanone	4.611	43	664	0.722	ug/l	98
31) Cyclohexane	5.568	56	2401	1.251	ug/l #	43
36) 1,1-Dichloropropene	5.568	75	8350	4.649	ug/l #	50
37) Ethyl Acetate	4.751	43	5452	3.110	ug/l	98
38) Carbon Tetrachloride	5.574	117	10610	5.274	ug/l #	18
43) Isopropyl Acetate	6.367	43	5025	1.644	ug/l #	93
48) Methyl methacrylate	7.799	41	46142	29.345	ug/l #	47
51) 4-Methyl-2-Pentanone	8.549	43	57197	29.452	ug/l #	51
54) cis-1,3-Dichloropropene	8.555	75	25076	12.460	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	1763	0.800	ug/l #	42
59) 2-Hexanone	9.482	43	26581	19.085	ug/l #	56
74) N-amyl acetate	10.640	43	8738	3.313	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	43976	27.252	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	43976	78.613	ug/l #	1

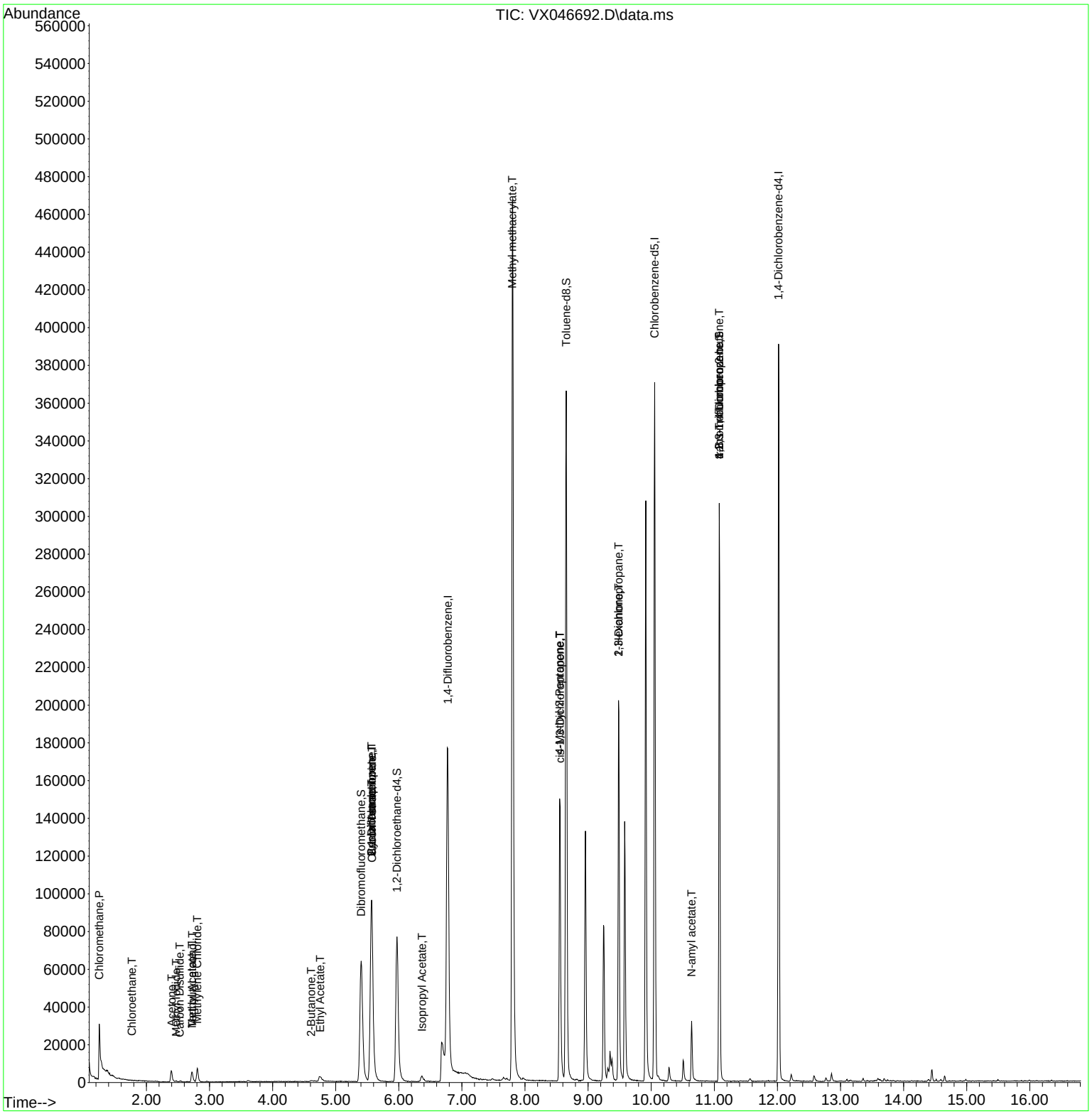
(#) = qualifier out of range (m) = manual integration (+) = signals summed

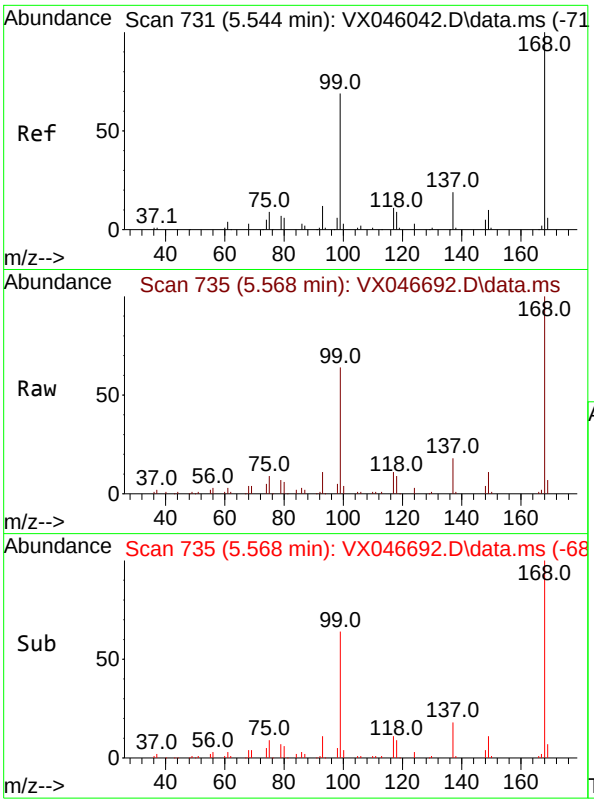
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061325\
Data File : VX046692.D
Acq On : 13 Jun 2025 16:19
Operator : JC/MD
Sample : Q2296-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Quant Time: Jun 13 23:31:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



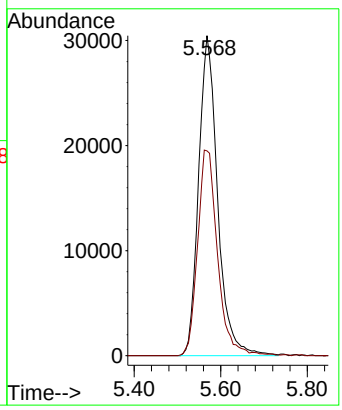


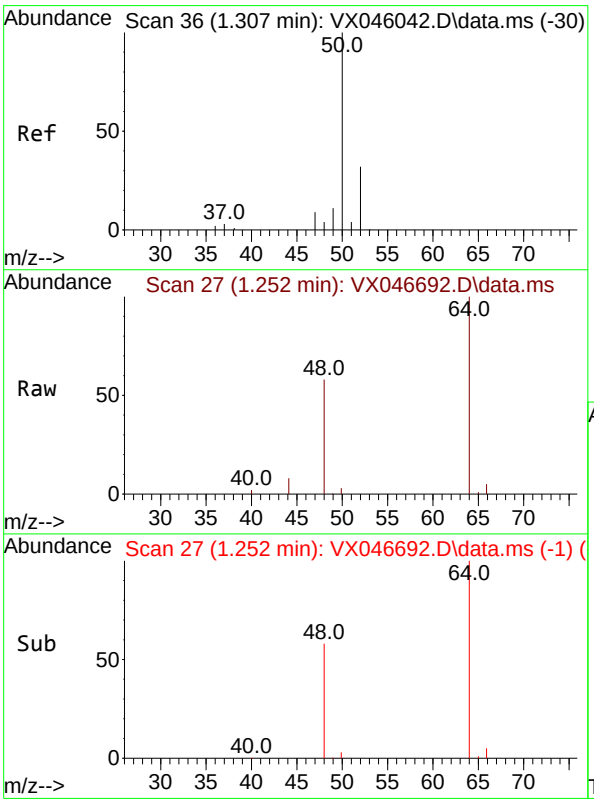
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion:168 Resp: 92827

Ion	Ratio	Lower	Upper
168	100		
99	64.0	54.9	82.3

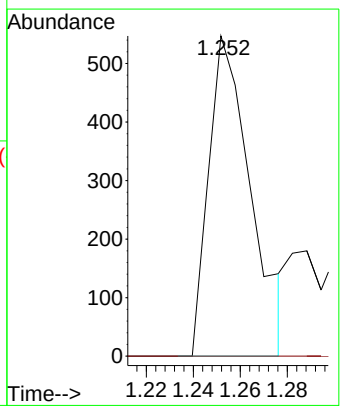


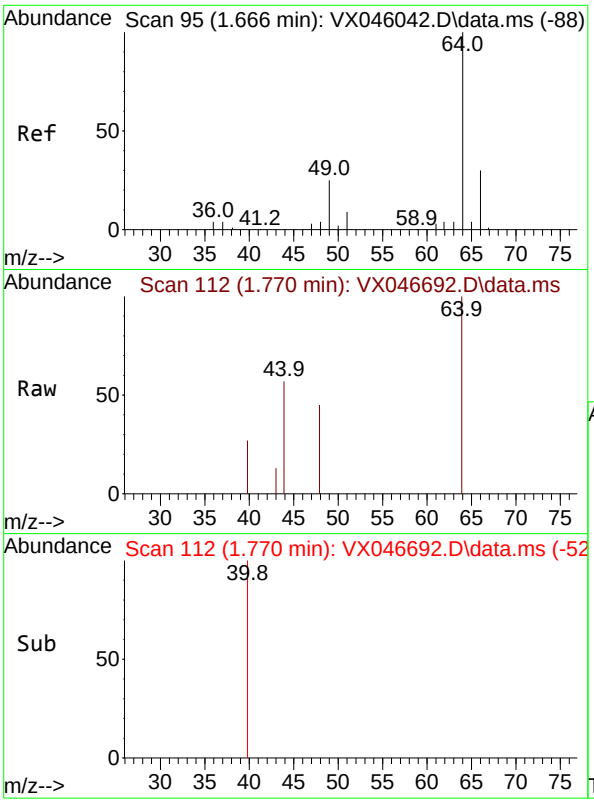


#3
Chloromethane
Concen: 0.581 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.055 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion: 50 Resp: 681

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.4	38.2#



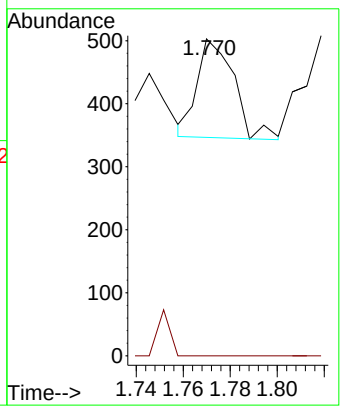


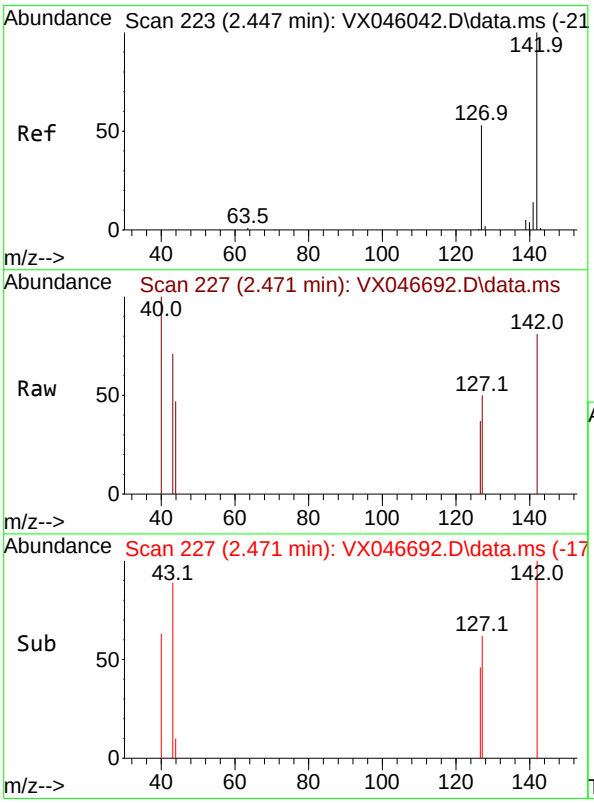
#6
Chloroethane
Concen: 0.223 ug/l
RT: 1.770 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion: 64 Resp: 169

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.3	36.5#

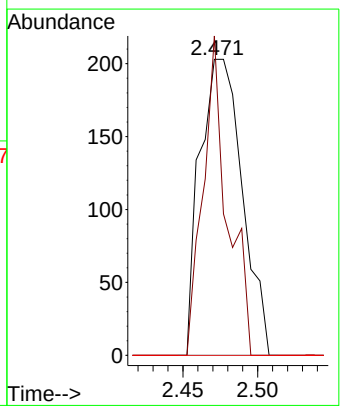


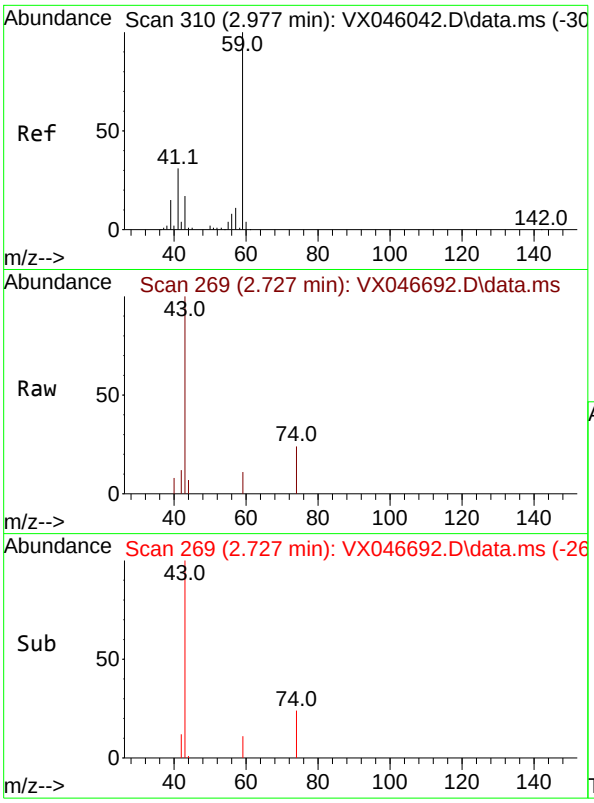


#10
Methyl Iodide
Concen: 0.303 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion:142 Resp: 400

Ion	Ratio	Lower	Upper
142	100		
127	62.0	41.7	62.5
141	0.0	11.5	17.3#



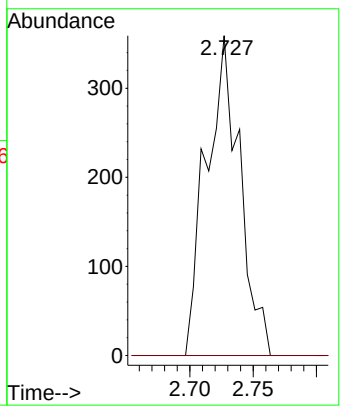


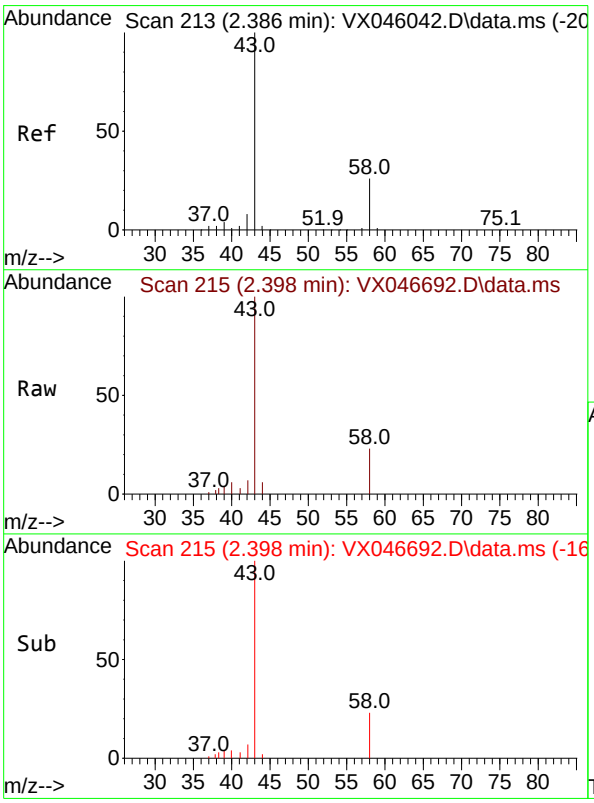
#11
Tert butyl alcohol
Concen: 3.612 ug/l
RT: 2.727 min Scan# 2
Delta R.T. -0.244 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion: 59 Resp: 662

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	12.8#

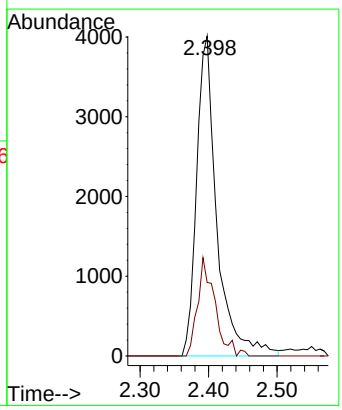


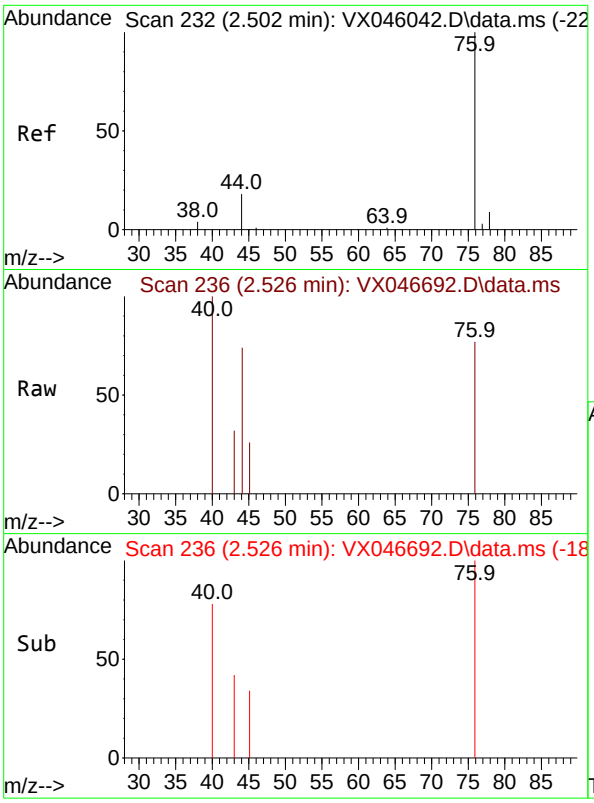


#16
Acetone
Concen: 17.052 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion: 43 Resp: 8230

Ion	Ratio	Lower	Upper
43	100		
58	23.0	21.2	31.8



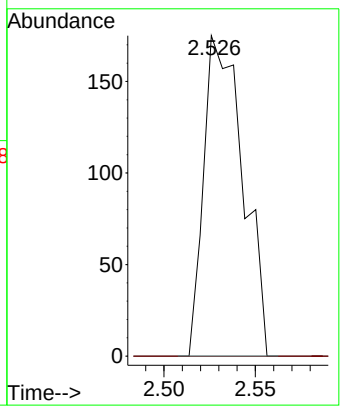


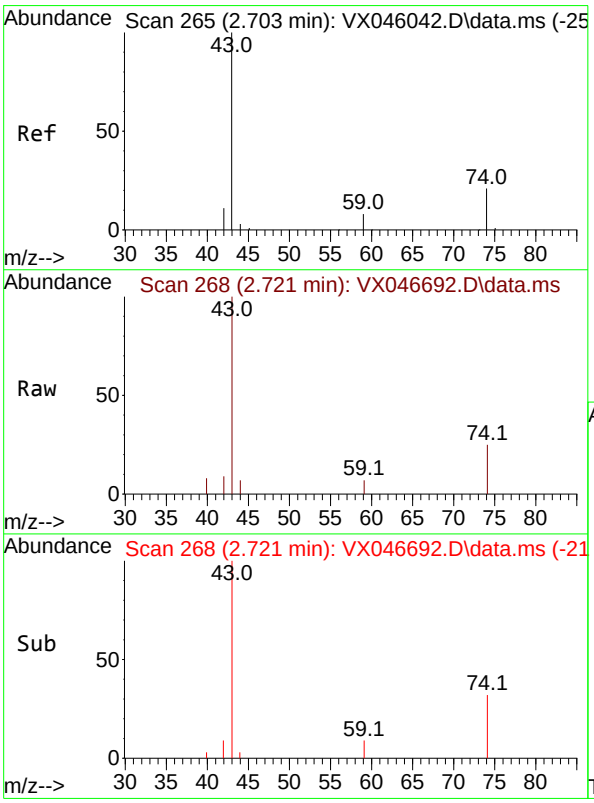
#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 2.526 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion: 76 Resp: 260

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

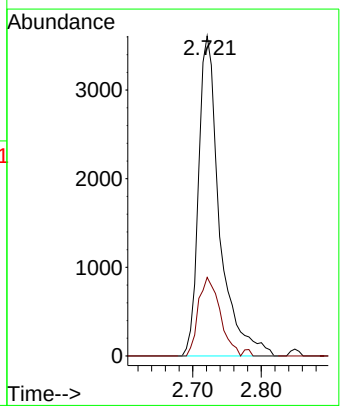


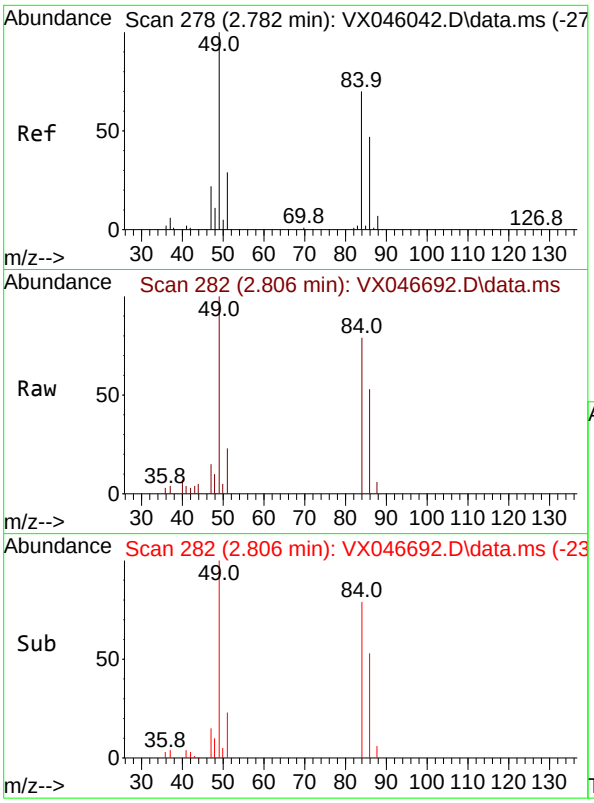


#18
Methyl Acetate
Concen: 3.919 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion: 43 Resp: 7710

Ion	Ratio	Lower	Upper
43	100		
74	25.3	16.7	25.1#



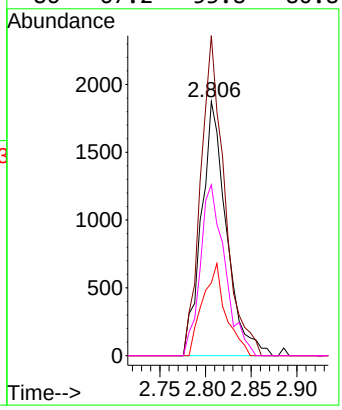


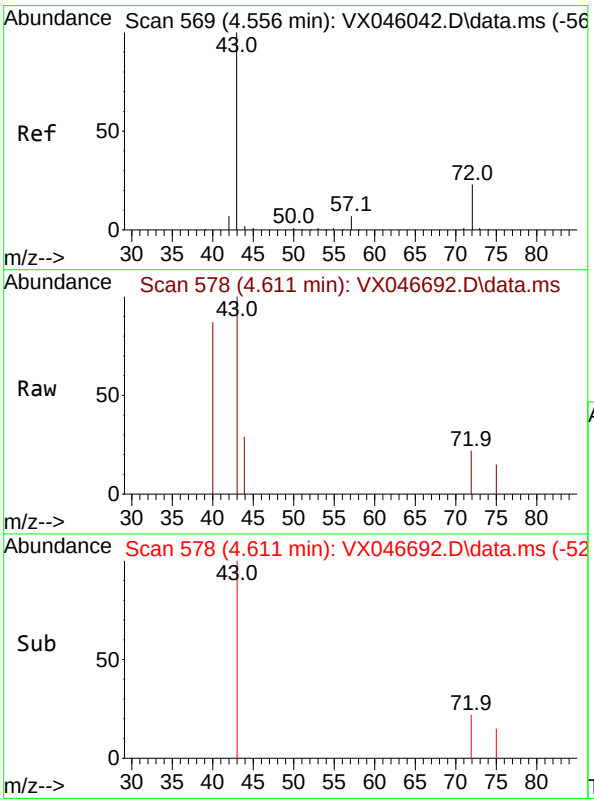
#20
Methylene Chloride
Concen: 2.694 ug/l
RT: 2.806 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion: 84 Resp: 3570

Ion	Ratio	Lower	Upper
84	100		
49	125.9	113.9	170.9
51	28.7	33.5	50.3#
86	67.2	53.8	80.8

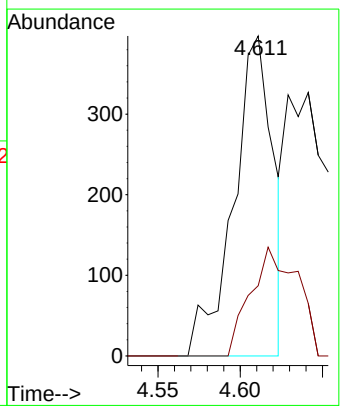


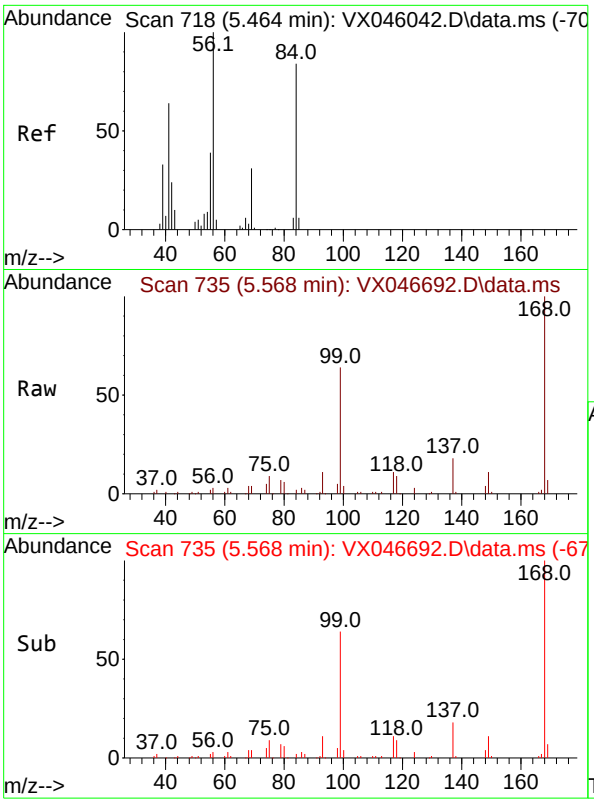


#25
2-Butanone
Concen: 0.722 ug/l
RT: 4.611 min Scan# 578
Delta R.T. 0.037 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion: 43 Resp: 664

Ion	Ratio	Lower	Upper
43	100		
72	21.9	18.4	27.6



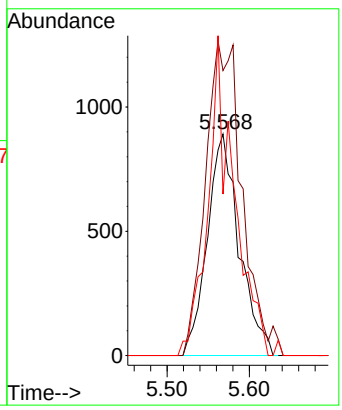


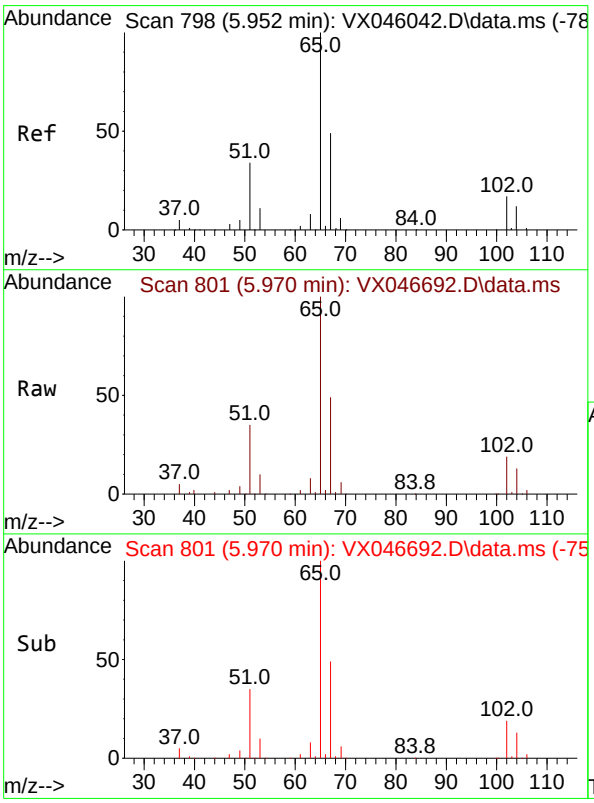
#31
Cyclohexane
Concen: 1.251 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.079 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion: 56 Resp: 2401

Ion	Ratio	Lower	Upper
56	100		
69	128.7	24.4	36.6#
84	73.0	66.9	100.3

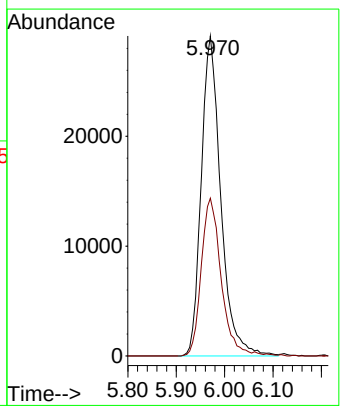


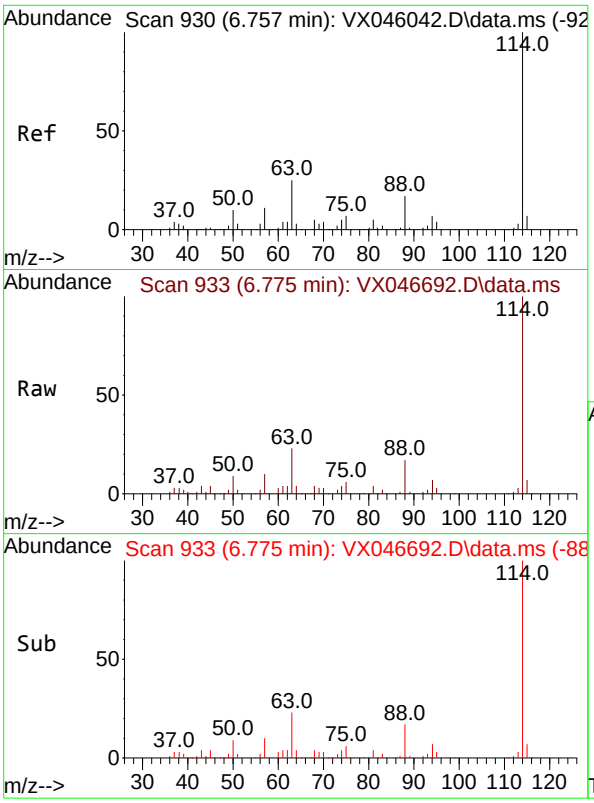


#33
1,2-Dichloroethane-d4
Concen: 49.554 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion: 65 Resp: 81838

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	99.0



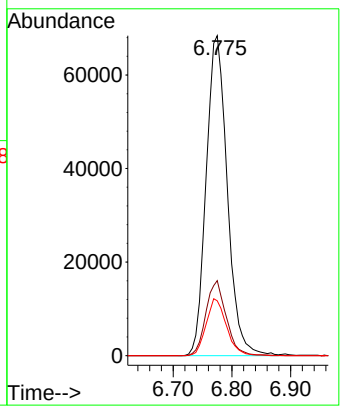


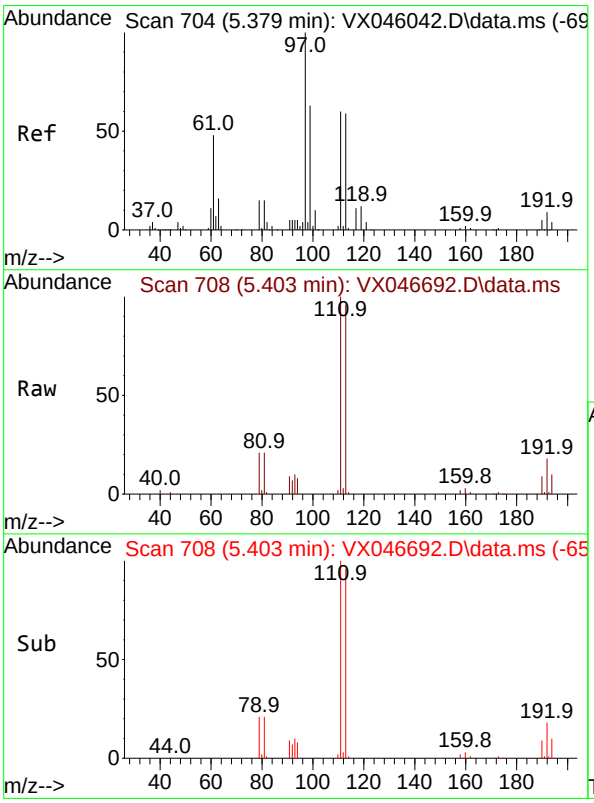
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion:114 Resp: 170984

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	49.2
88	17.2	0.0	33.6

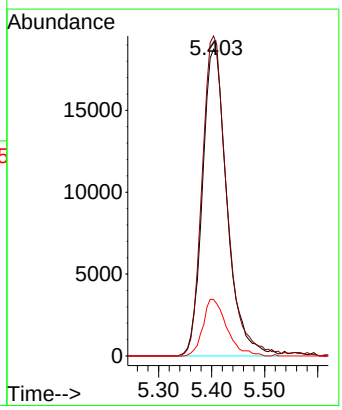


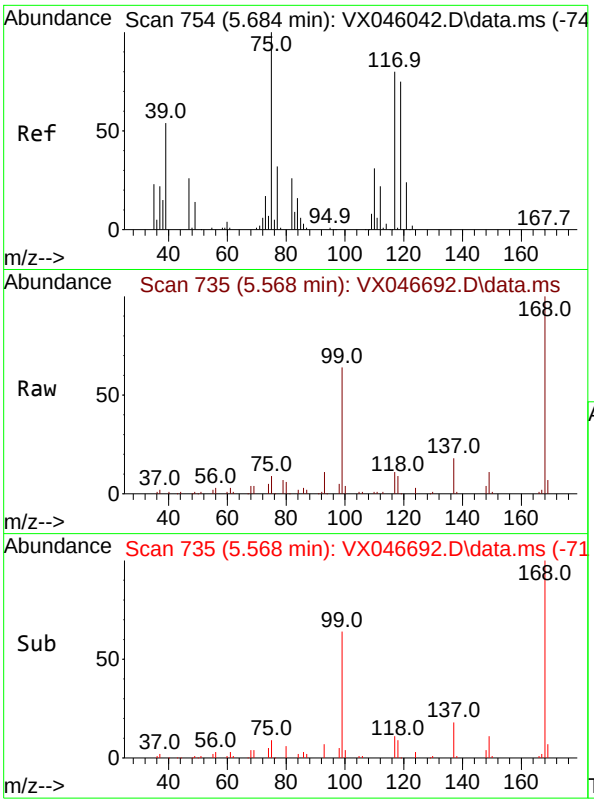


#35
Dibromofluoromethane
Concen: 48.193 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.000 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion:113 Resp: 60599

Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.1	124.7
192	17.8	13.3	19.9



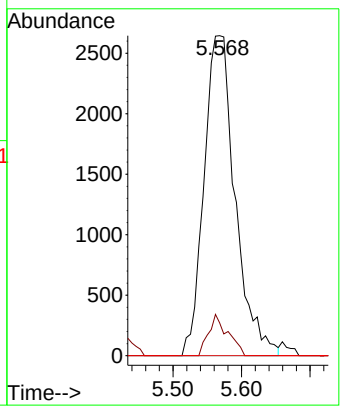


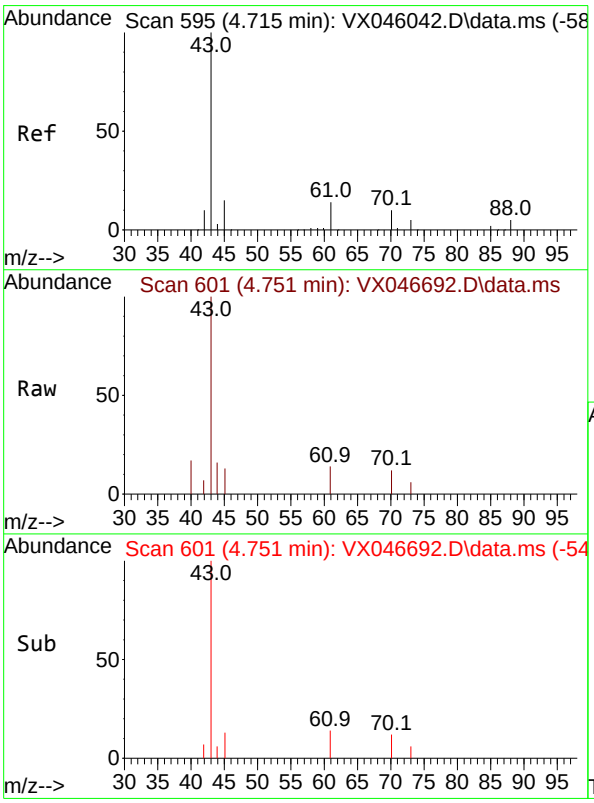
#36
1,1-Dichloropropene
Concen: 4.649 ug/l
RT: 5.568 min Scan# 7
Delta R.T. -0.146 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion: 75 Resp: 8350

Ion	Ratio	Lower	Upper
75	100		
110	8.0	16.3	48.9#
77	0.0	24.3	36.5#

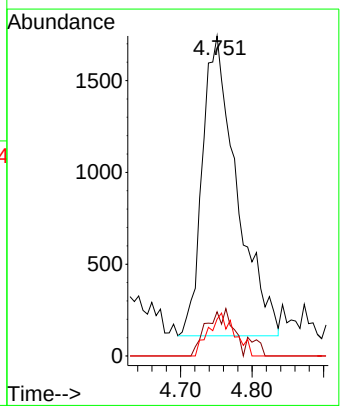


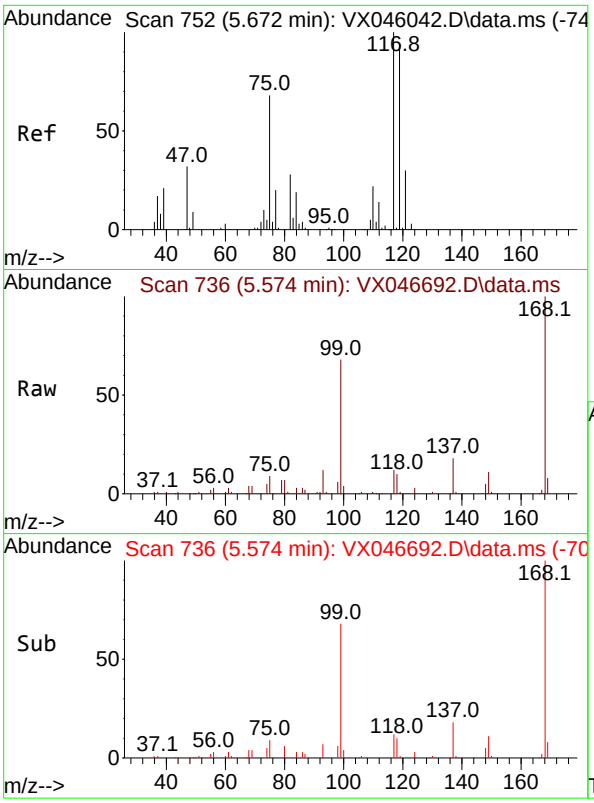


#37
Ethyl Acetate
Concen: 3.110 ug/l
RT: 4.751 min Scan# 601
Delta R.T. 0.018 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion: 43 Resp: 5452

Ion	Ratio	Lower	Upper
43	100		
61	11.8	10.3	15.5
70	10.7	7.9	11.9



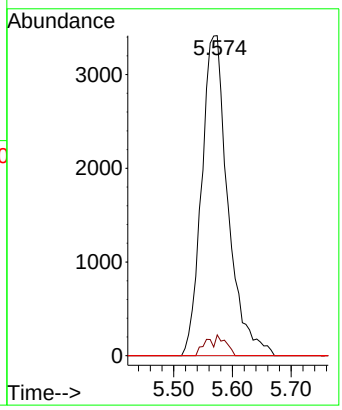


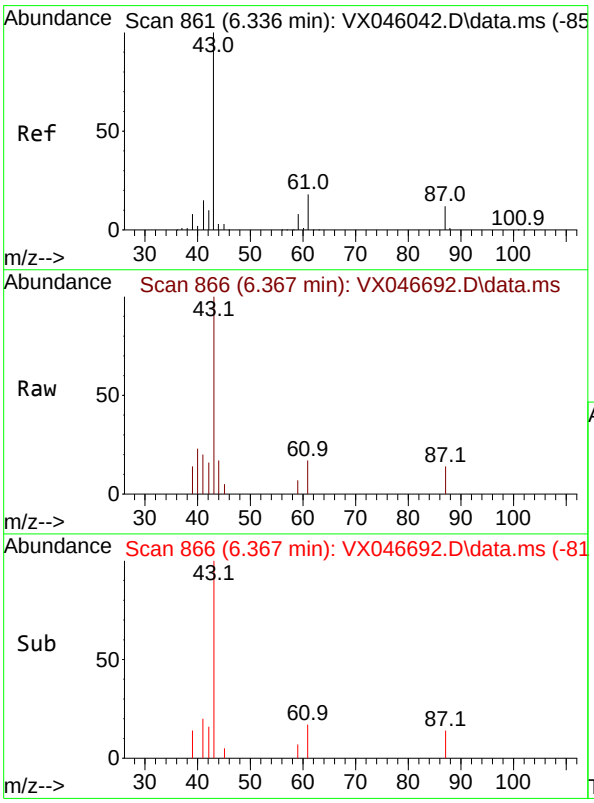
#38
Carbon Tetrachloride
Concen: 5.274 ug/l
RT: 5.574 min Scan# 7
Delta R.T. -0.122 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion:117 Resp: 10610

Ion	Ratio	Lower	Upper
117	100		
119	6.5	75.2	112.8#
121	0.0	24.2	36.4#

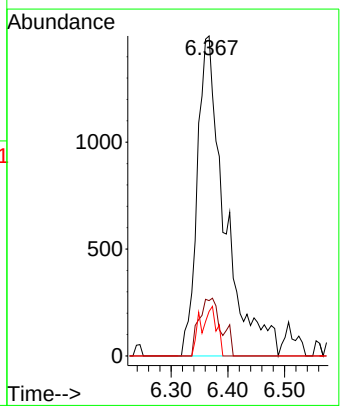


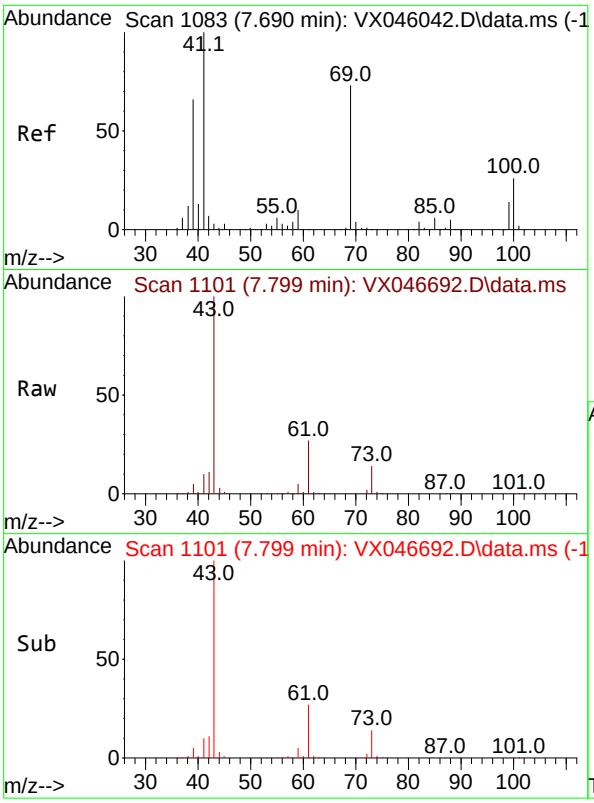


#43
Isopropyl Acetate
Concen: 1.644 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.013 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion: 43 Resp: 5025

Ion	Ratio	Lower	Upper
43	100		
61	14.7	14.3	21.5
87	9.1	9.5	14.3#



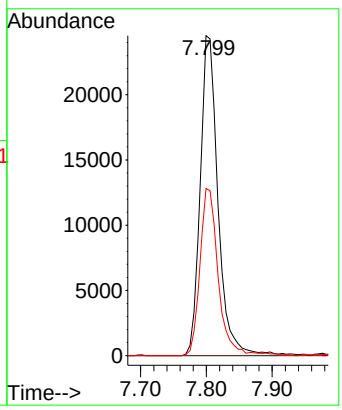


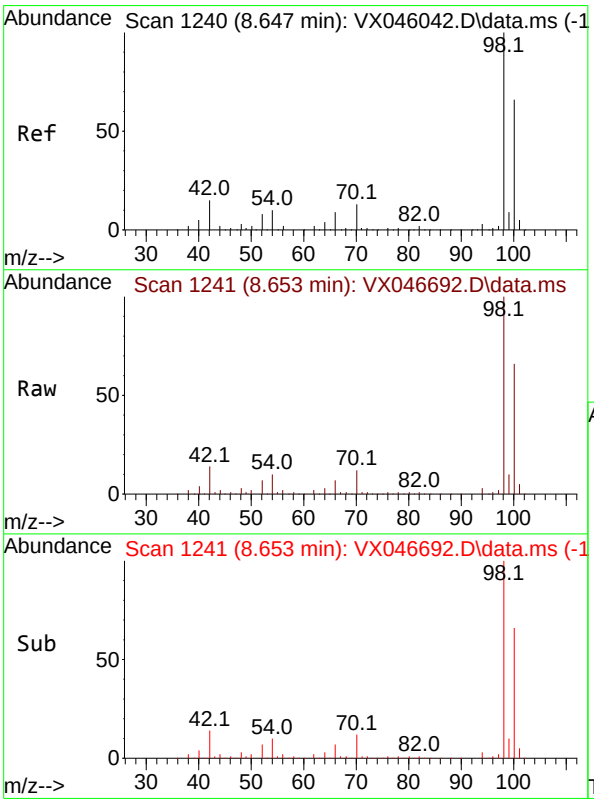
#48
Methyl methacrylate
Concen: 29.345 ug/l
RT: 7.799 min Scan# 11
Delta R.T. 0.097 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion: 41 Resp: 46142

Ion	Ratio	Lower	Upper
41	100		
69	0.0	58.5	87.7#
39	54.0	51.7	77.5

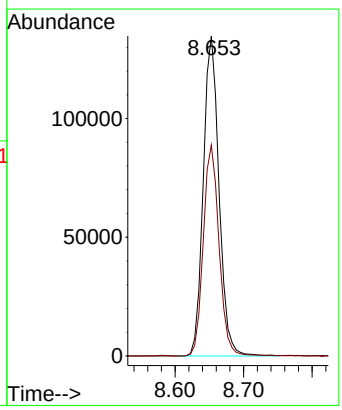


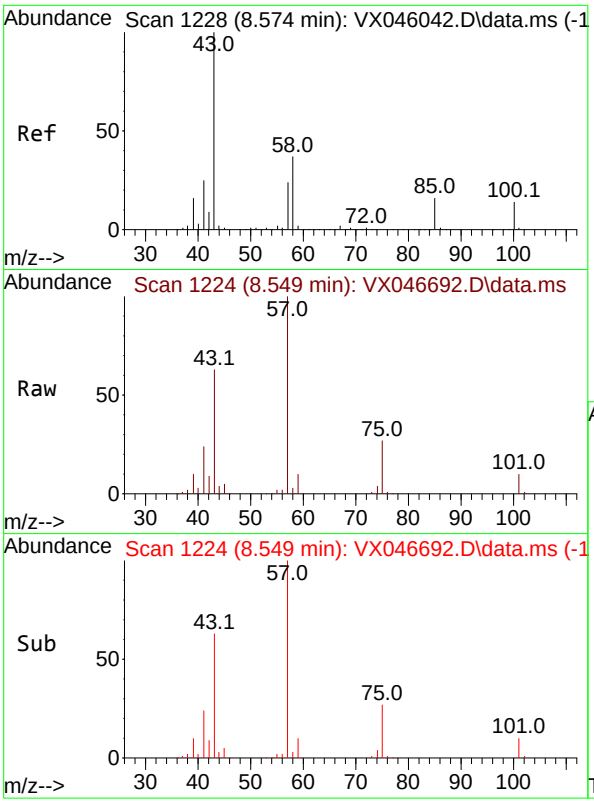


#50
Toluene-d8
Concen: 51.986 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion: 98 Resp: 215508

Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.5	80.3



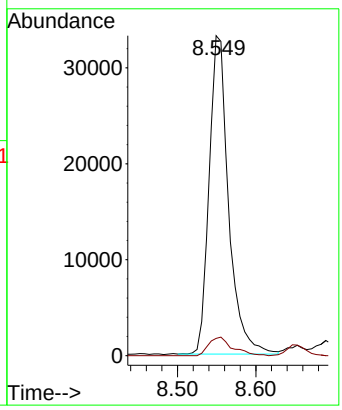


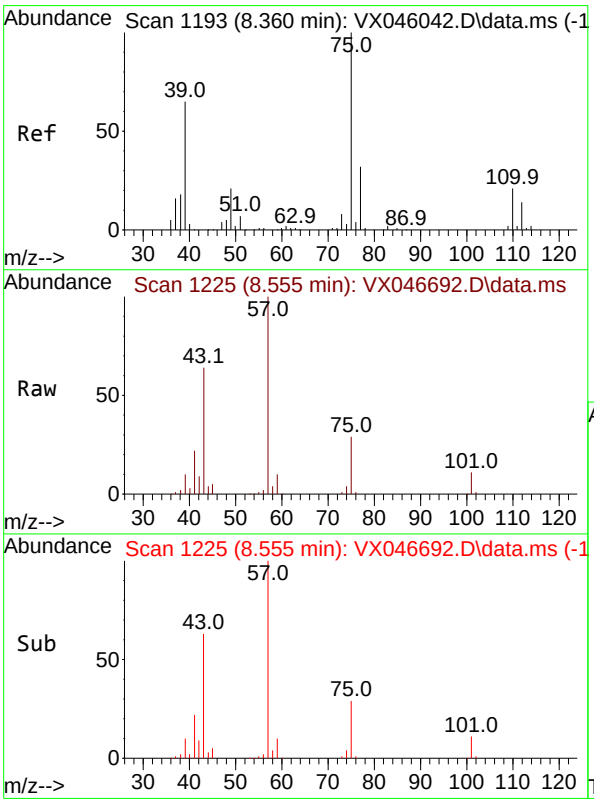
#51
4-Methyl-2-Pentanone
Concen: 29.452 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion: 43 Resp: 57197

Ion	Ratio	Lower	Upper
43	100		
58	7.1	28.9	43.3#

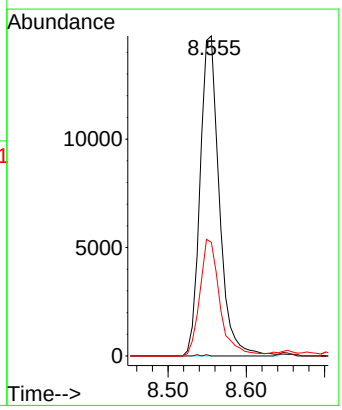


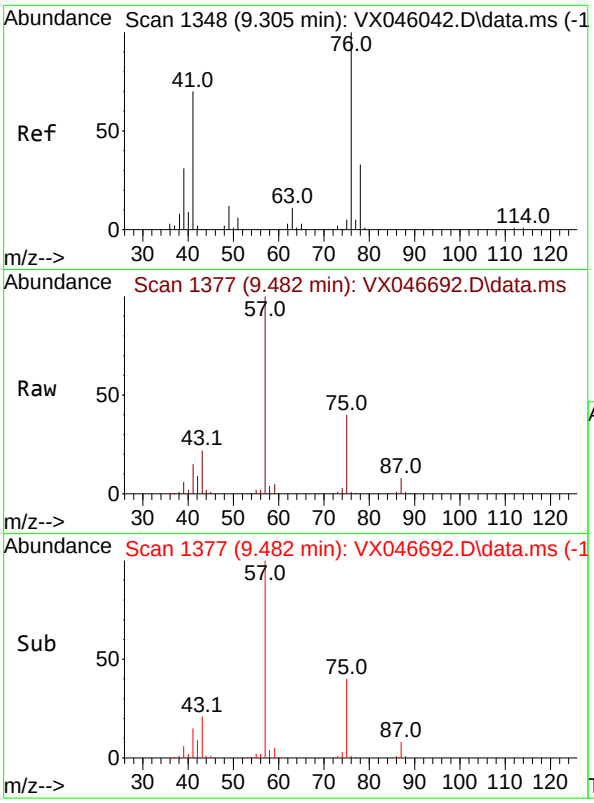


#54
cis-1,3-Dichloropropene
Concen: 12.460 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion: 75 Resp: 25076

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.0#
39	35.5	52.2	78.4#



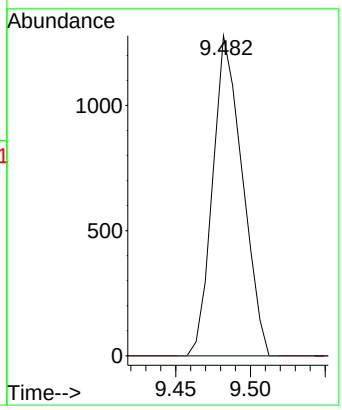


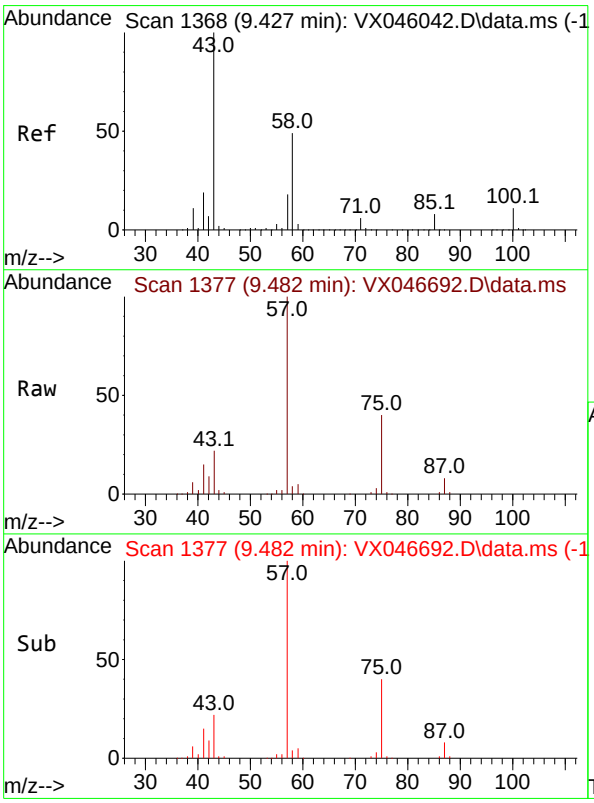
#57
1,3-Dichloropropane
Concen: 0.800 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.171 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion: 76 Resp: 1763

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.3	39.5#

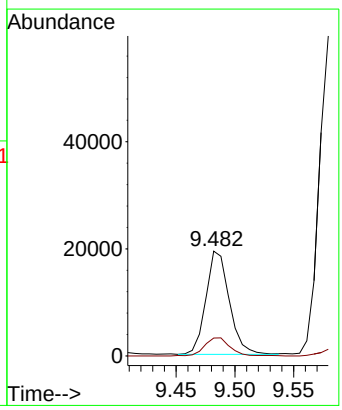


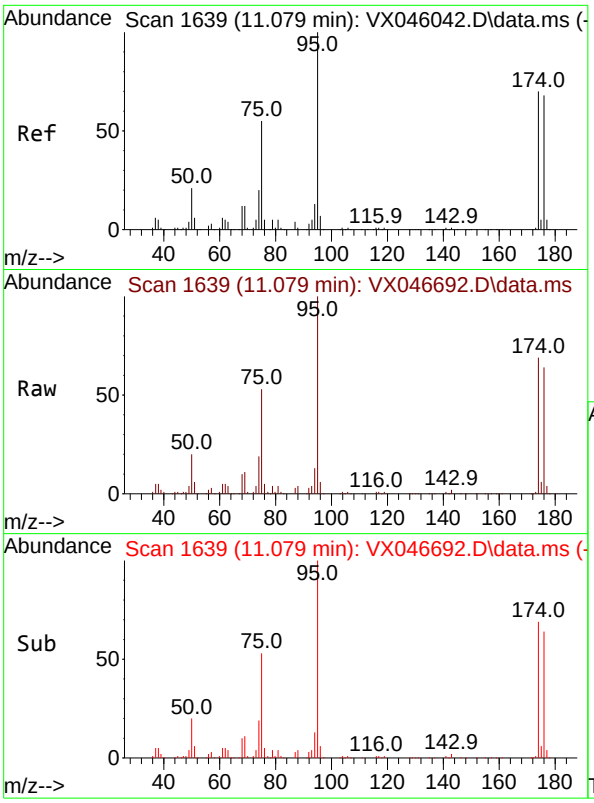


#59
2-Hexanone
Concen: 19.085 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion: 43 Resp: 26581

Ion	Ratio	Lower	Upper
43	100		
58	19.3	24.9	74.6#



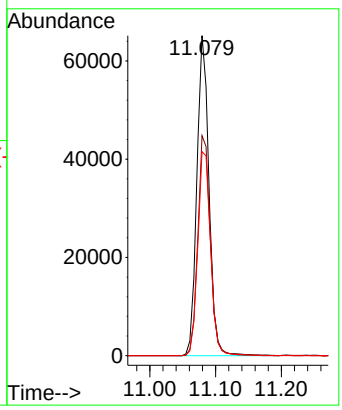


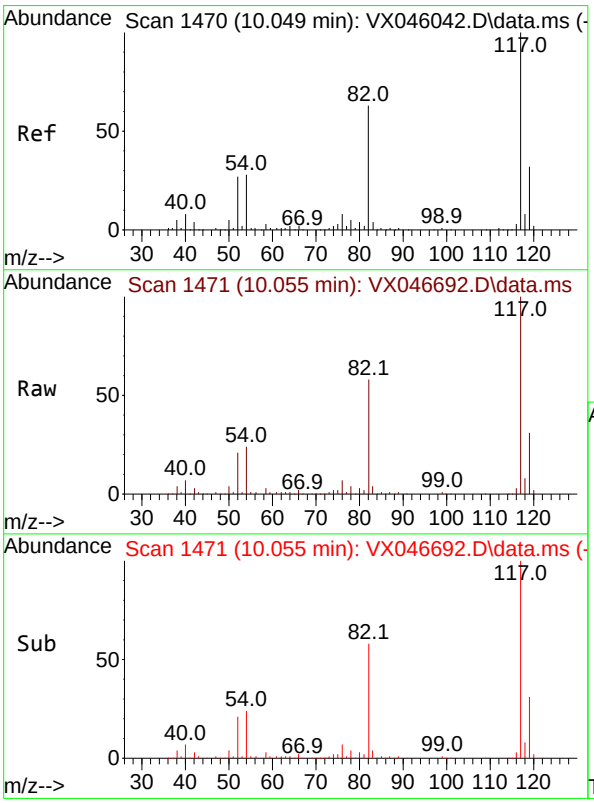
#62
4-Bromofluorobenzene
Concen: 48.443 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion: 95 Resp: 83089

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	135.8
176	67.2	0.0	131.4

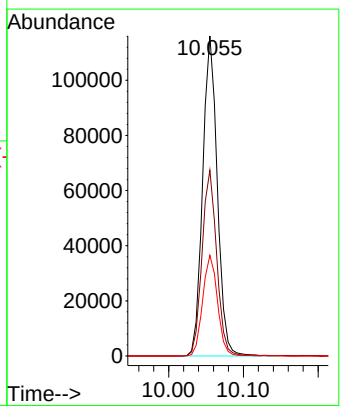


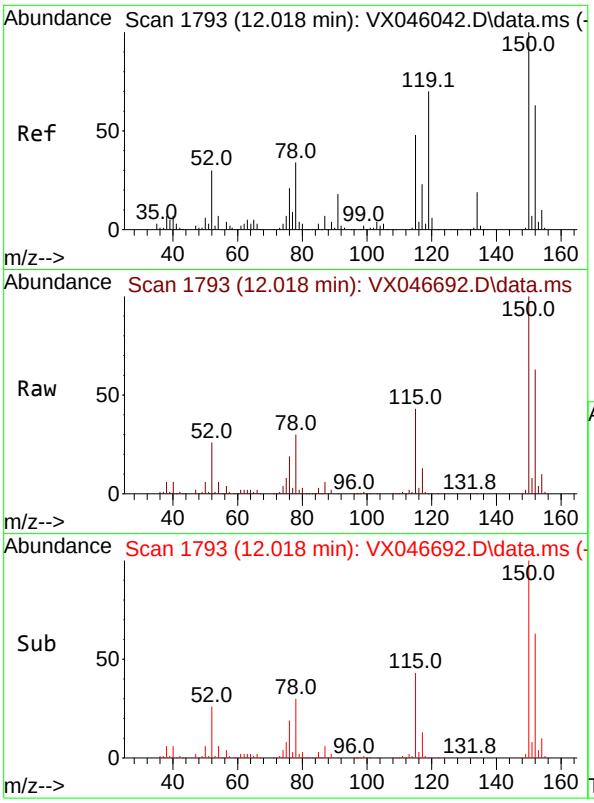


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion:117 Resp: 157816

Ion	Ratio	Lower	Upper
117	100		
82	58.0	50.6	76.0
119	31.4	25.8	38.6



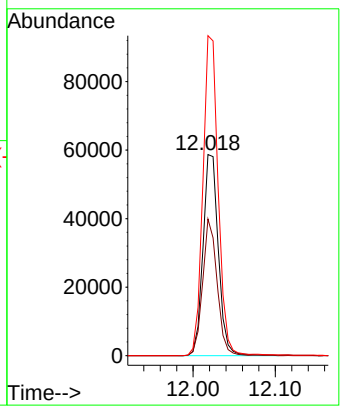


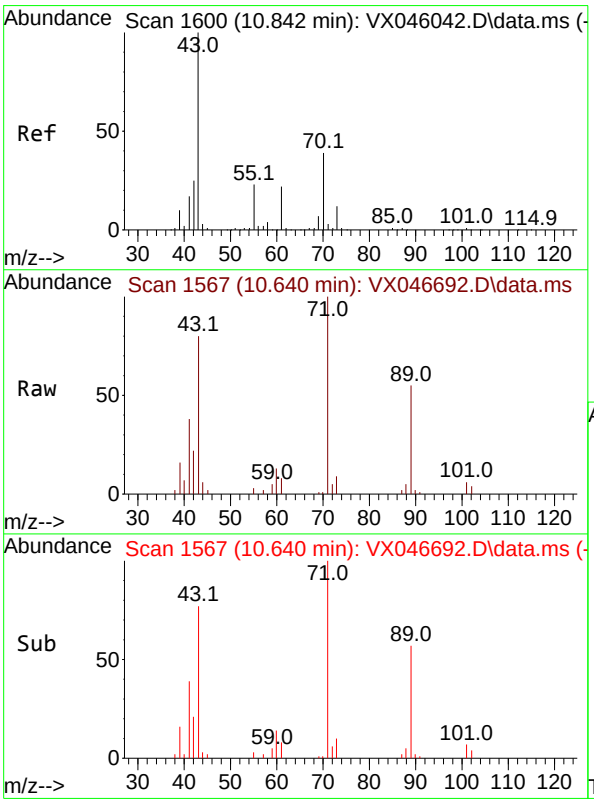
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

Tgt Ion:152 Resp: 76183

Ion	Ratio	Lower	Upper
152	100		
115	63.9	46.9	140.7
150	158.9	0.0	351.0

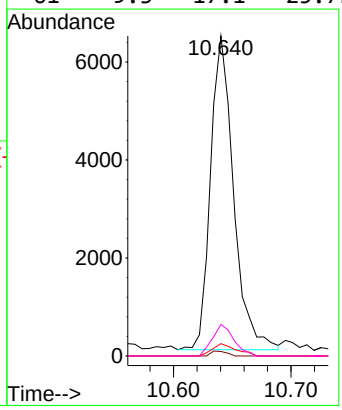


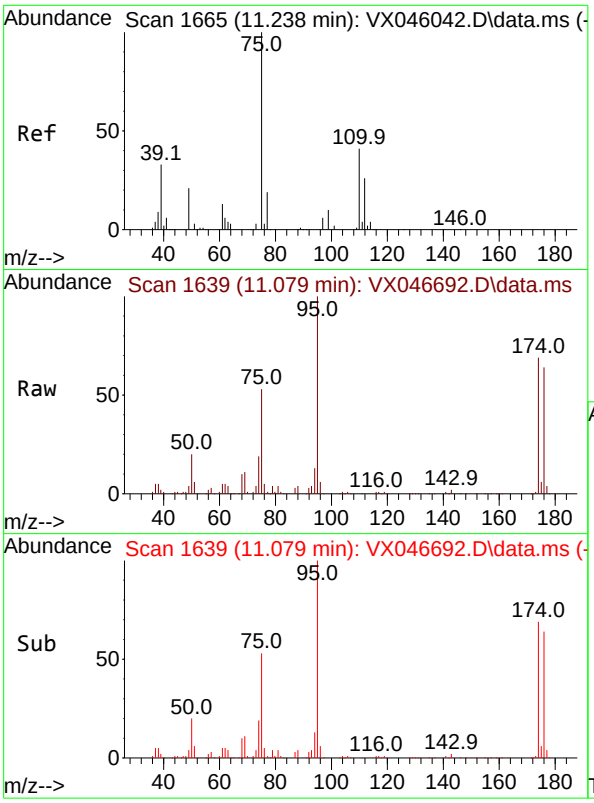


#74
N-amyl acetate
Concen: 3.313 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion: 43 Resp: 8738

Ion	Ratio	Lower	Upper
43	100		
70	1.0	30.9	46.3#
55	4.0	18.7	28.1#
61	9.3	17.1	25.7#



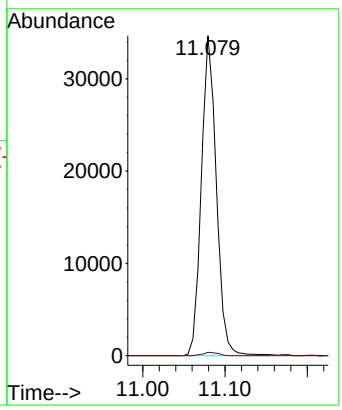


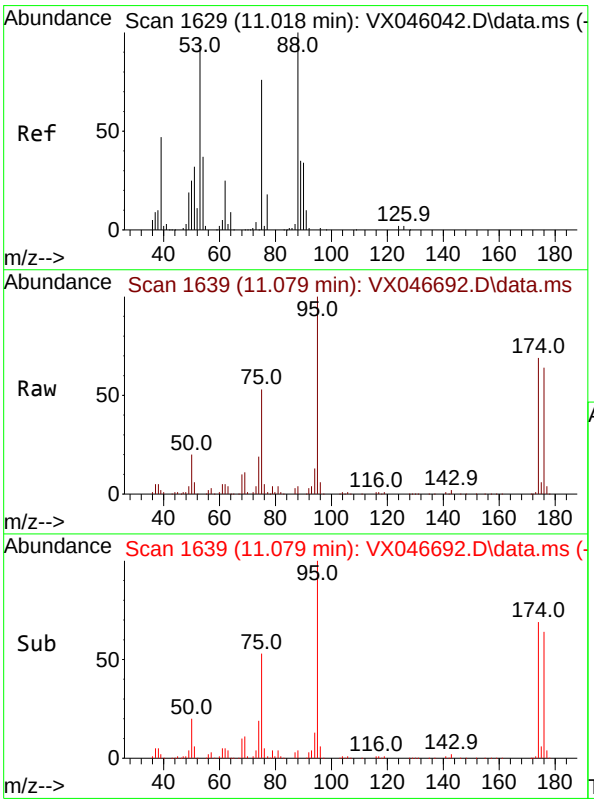
#76
1,2,3-Trichloropropane
Concen: 27.252 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Instrument :
MSVOA_X
ClientSampleId :
WC-2

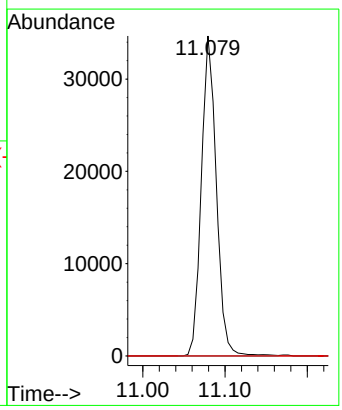
Tgt Ion: 75 Resp: 43976

Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.5	61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.613 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046692.D
Acq: 13 Jun 2025 16:19

Tgt Ion: 75 Resp: 43976

Ion	Ratio	Lower	Upper
75	100		
53	0.0	100.5	150.7#
89	0.0	37.0	55.6#