Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
Data File : VX048189.D
Acq On : 15 Oct 2025 14:35
Operator : JC/MD
Sample : Q3345-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 16 04:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	121833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	255431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	272806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	108855	56.132	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.260%			
35) Dibromofluoromethane	5.373	113	87681	51.184	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.360%			
50) Toluene-d8	8.635	98	271792	45.852	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.700%#			
62) 4-Bromofluorobenzene	11.061	95	128902	57.300	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.600%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	441	2.042	ug/l #	72
16) Acetone	2.380	43	14205	16.846	ug/l	99
18) Methyl Acetate	2.703	43	6806	3.627	ug/l #	87
20) Methylene Chloride	2.788	84	3809	2.134	ug/l	97
25) 2-Butanone	4.562	43	7064	6.716	ug/l #	77
29) Tetrahydrofuran	5.038	42	1096	1.732	ug/l #	68
31) Cyclohexane	5.538	56	2921	1.140	ug/l #	2
36) 1,1-Dichloropropene	5.538	75	10773	4.304	ug/l #	50
37) Ethyl Acetate	4.721	43	3145	1.173	ug/l #	81
38) Carbon Tetrachloride	5.538	117	13072	4.806	ug/l #	16
43) Isopropyl Acetate	6.330	43	9211	2.095	ug/l	95
48) Methyl methacrylate	7.781	41	53293	24.340	ug/l #	47
49) 1,4-Dioxane	7.793	88	28	1.265	ug/l #	1
51) 4-Methyl-2-Pentanone	8.531	43	51061	20.951	ug/l #	51
54) cis-1,3-Dichloropropene	8.537	75	23912	7.503	ug/l #	60
57) 1,3-Dichloropropane	9.470	76	1918	0.618	ug/l #	42
59) 2-Hexanone	9.470	43	26042	14.878	ug/l #	55
76) 1,2,3-Trichloropropane	11.061	75	68588	24.599	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	68588	62.732	ug/l #	8

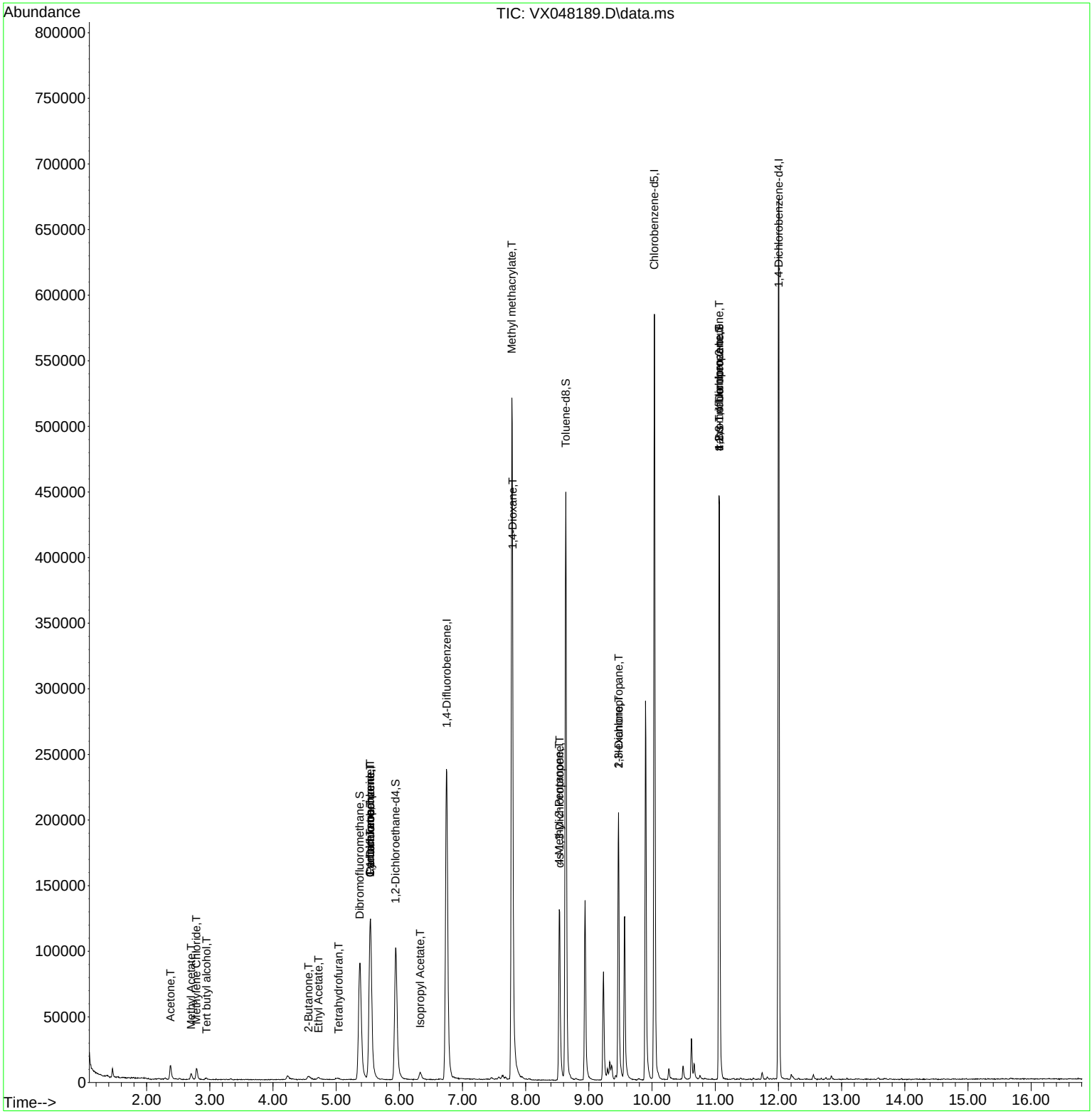
(#) = qualifier out of range (m) = manual integration (+) = signals summed

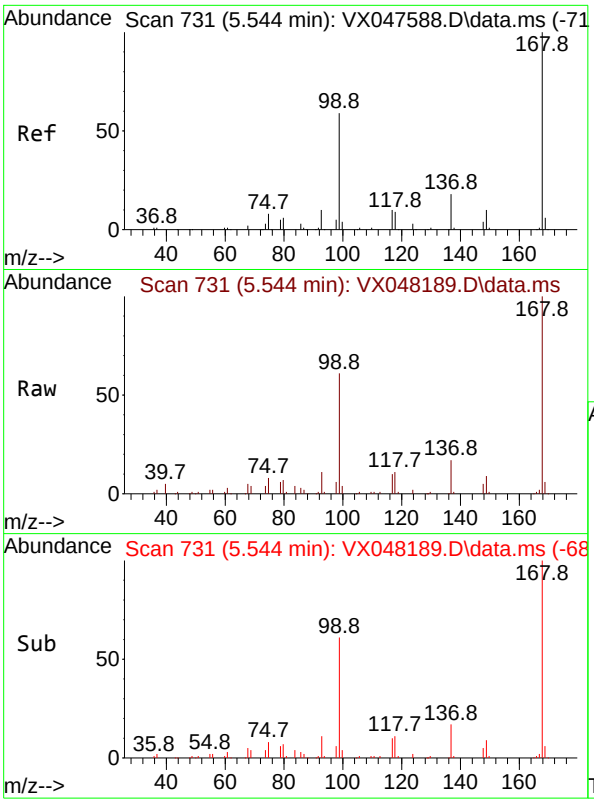
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
Data File : VX048189.D
Acq On : 15 Oct 2025 14:35
Operator : JC/MD
Sample : Q3345-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 16 04:05:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration



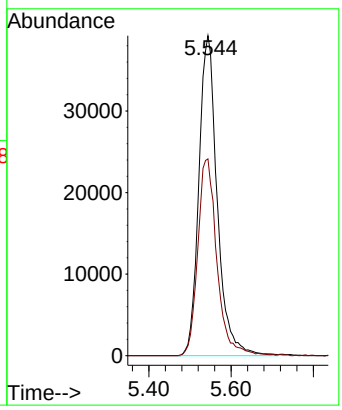


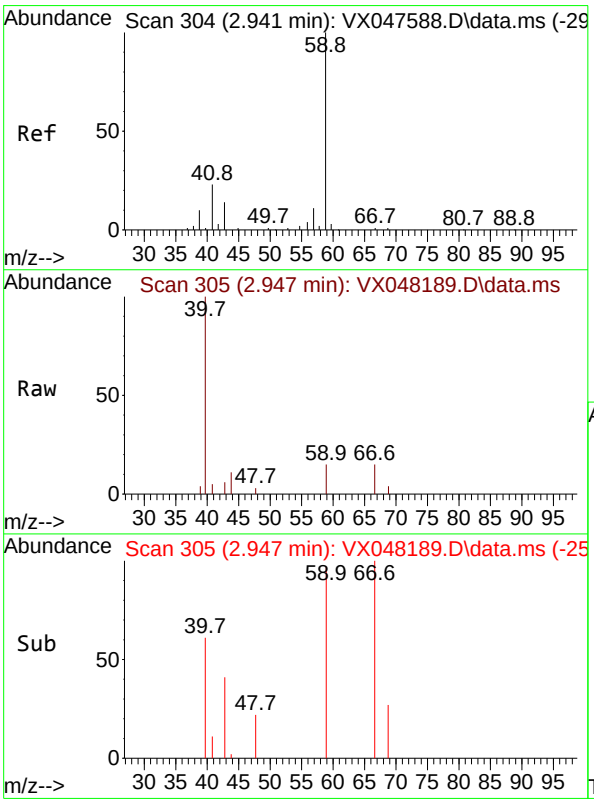
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 121833

Ion	Ratio	Lower	Upper
168	100		
99	61.5	48.8	73.2

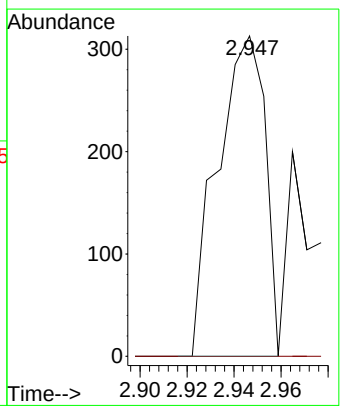


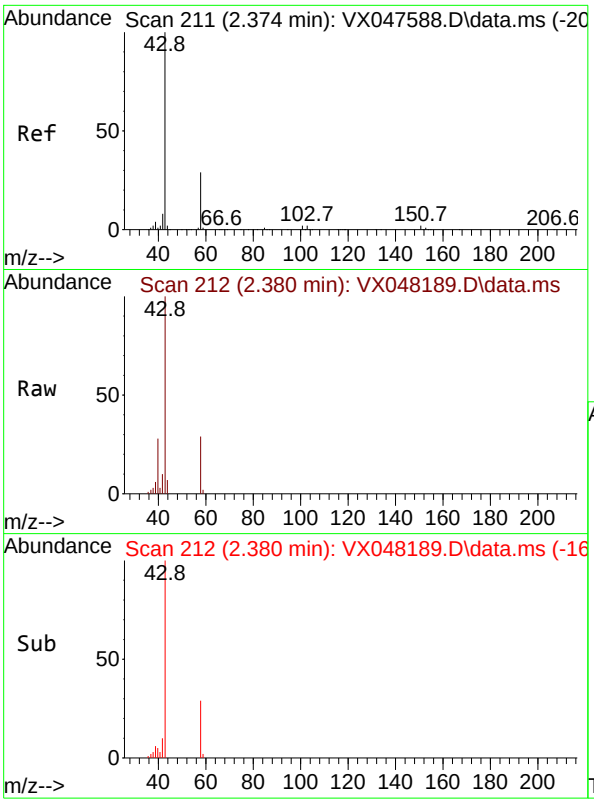


#11
Tert butyl alcohol
Concen: 2.042 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 59 Resp: 441

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



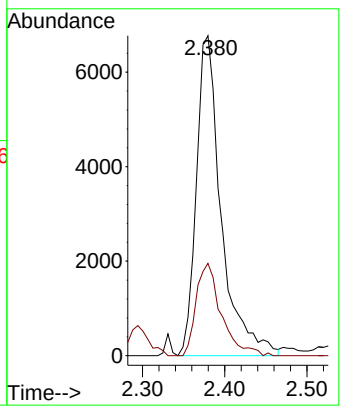


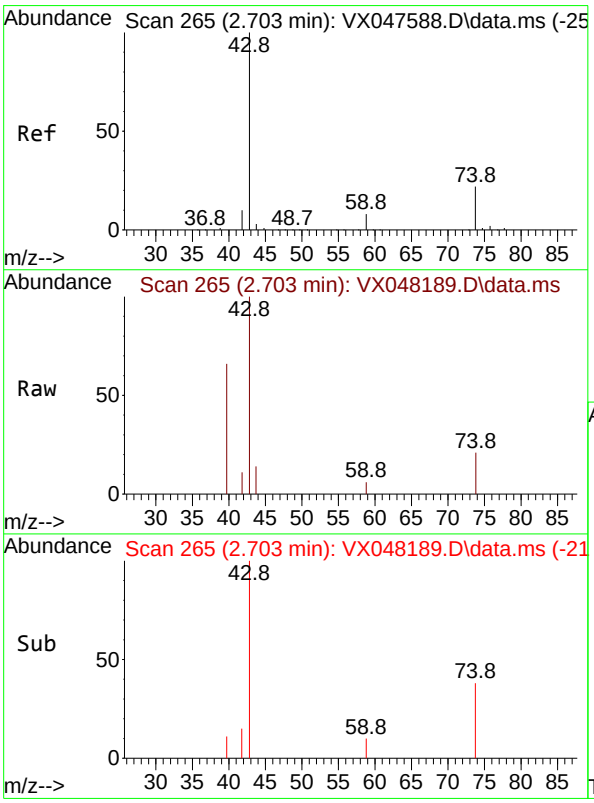
#16
Acetone
Concen: 16.846 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 14205

Ion	Ratio	Lower	Upper
43	100		
58	28.8	23.4	35.0

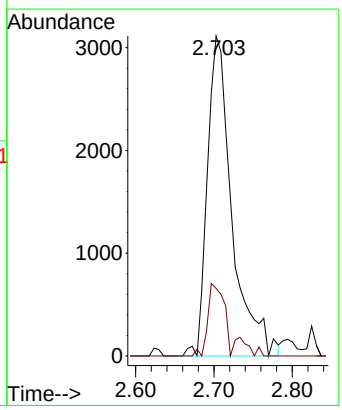


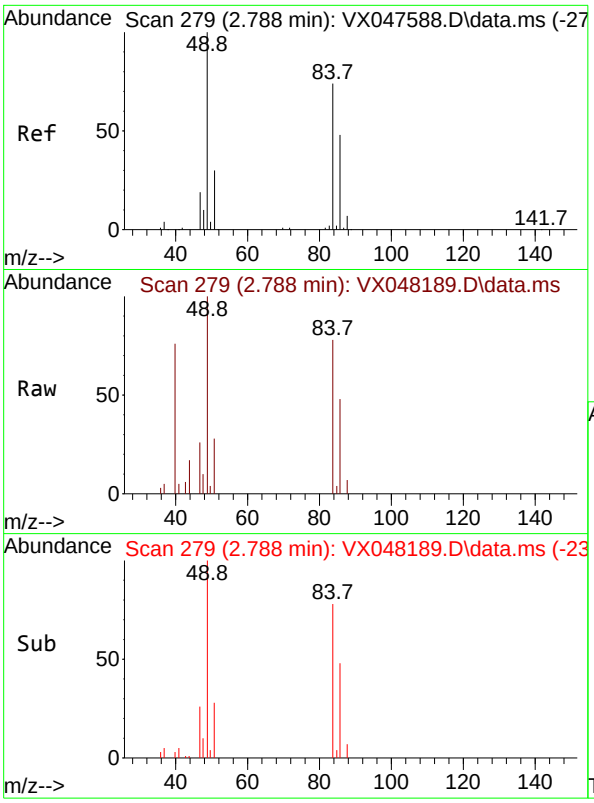


#18
Methyl Acetate
Concen: 3.627 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 43 Resp: 6806

Ion	Ratio	Lower	Upper
43	100		
74	15.7	17.4	26.2#



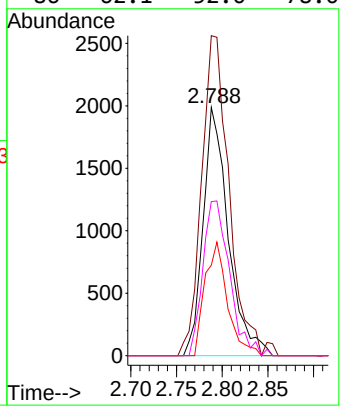


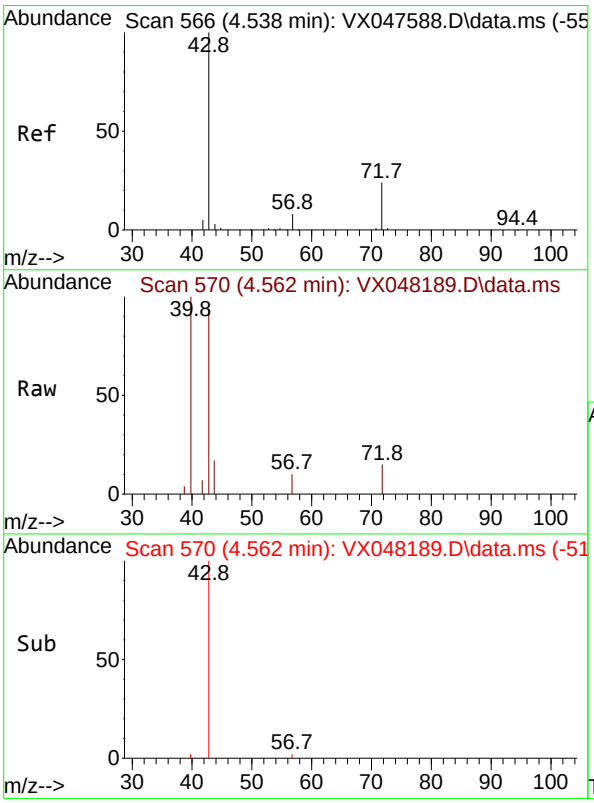
#20
Methylene Chloride
Concen: 2.134 ug/l
RT: 2.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 3809

Ion	Ratio	Lower	Upper
84	100		
49	134.2	108.6	162.8
51	36.5	32.6	48.8
86	62.1	52.0	78.0

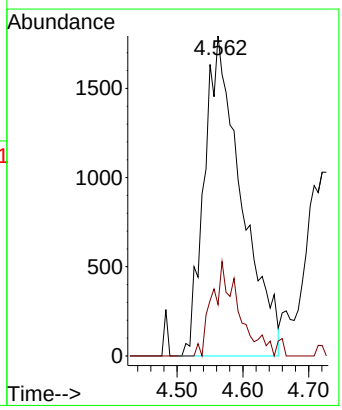


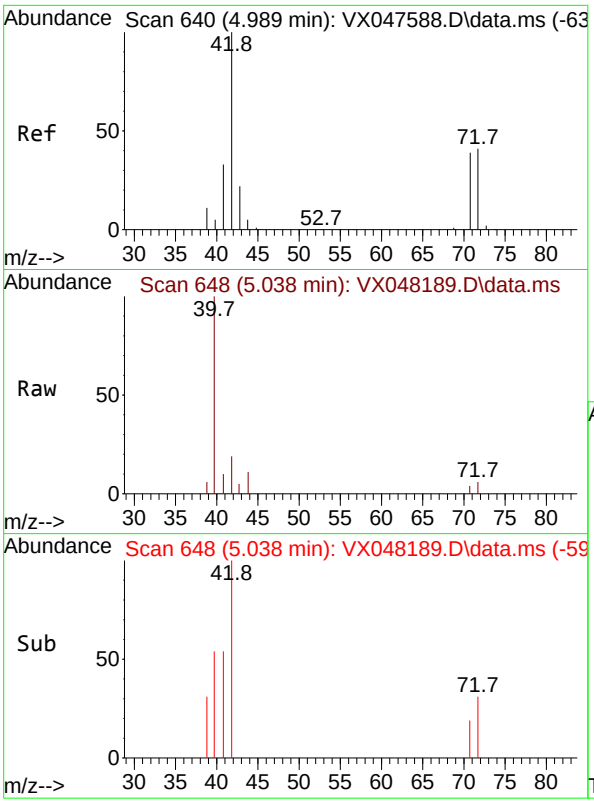


#25
2-Butanone
Concen: 6.716 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.024 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 43 Resp: 7064

Ion	Ratio	Lower	Upper
43	100		
72	13.6	20.1	30.1#



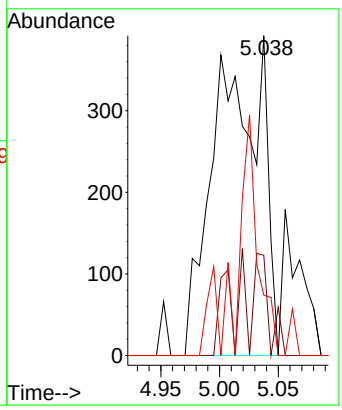


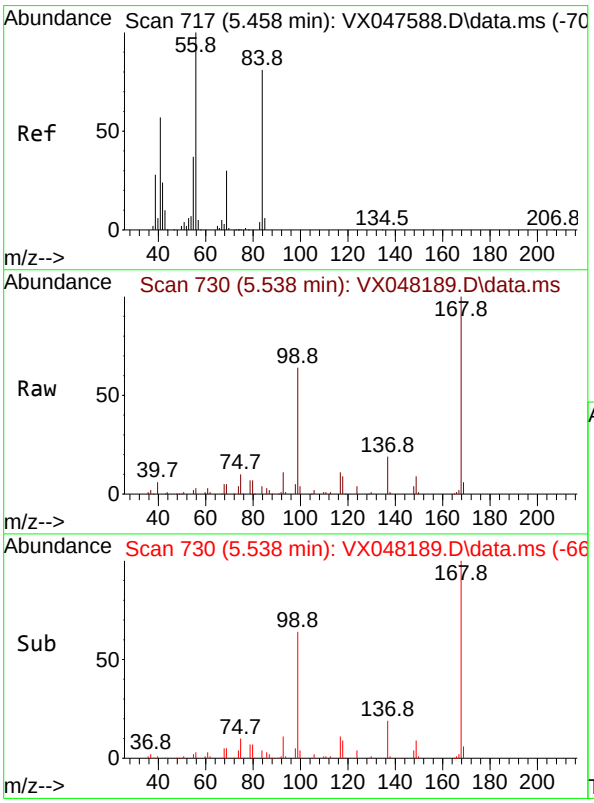
#29
Tetrahydrofuran
Concen: 1.732 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.049 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 1096

Ion	Ratio	Lower	Upper
42	100		
72	14.6	34.2	51.2#
71	28.6	31.9	47.9#

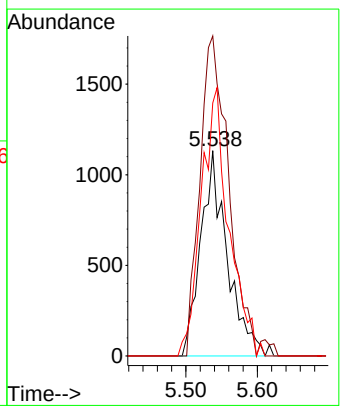


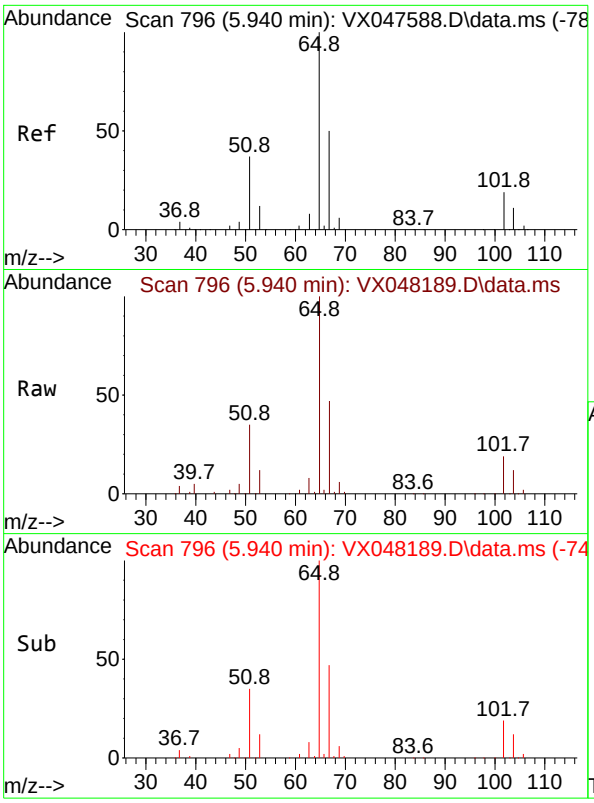


#31
Cyclohexane
Concen: 1.140 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 56 Resp: 2921

Ion	Ratio	Lower	Upper
56	100		
69	155.9	23.8	35.8#
84	123.2	64.6	97.0#



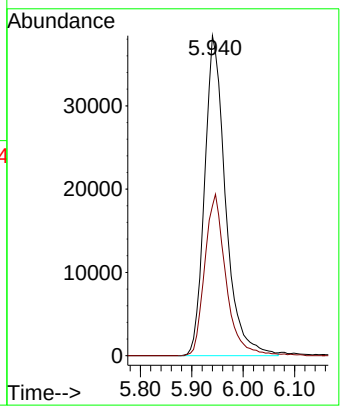


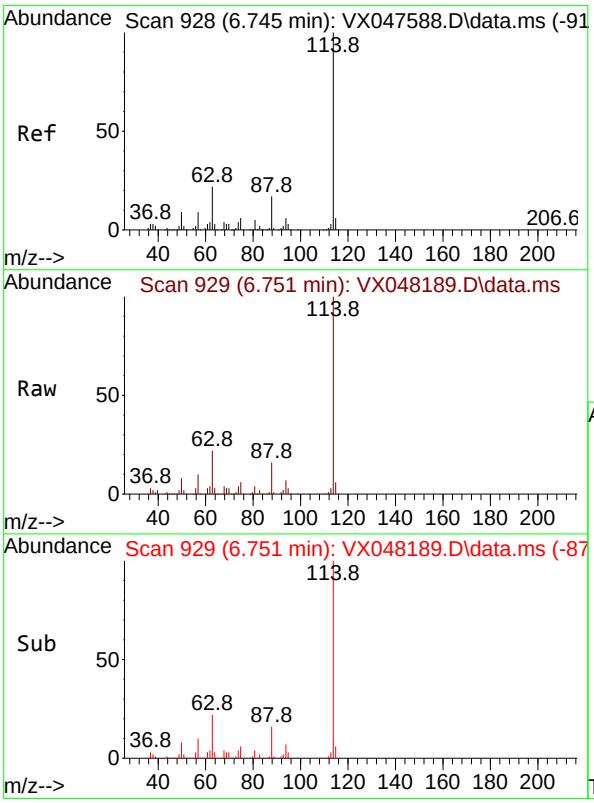
#33
1,2-Dichloroethane-d4
Concen: 56.132 ug/l
RT: 5.940 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 108855

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.0

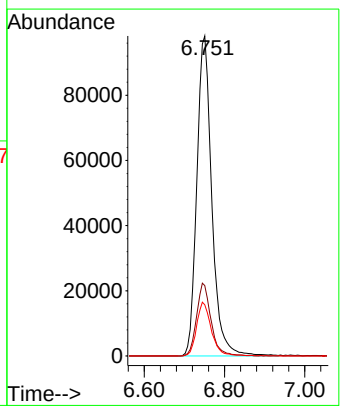


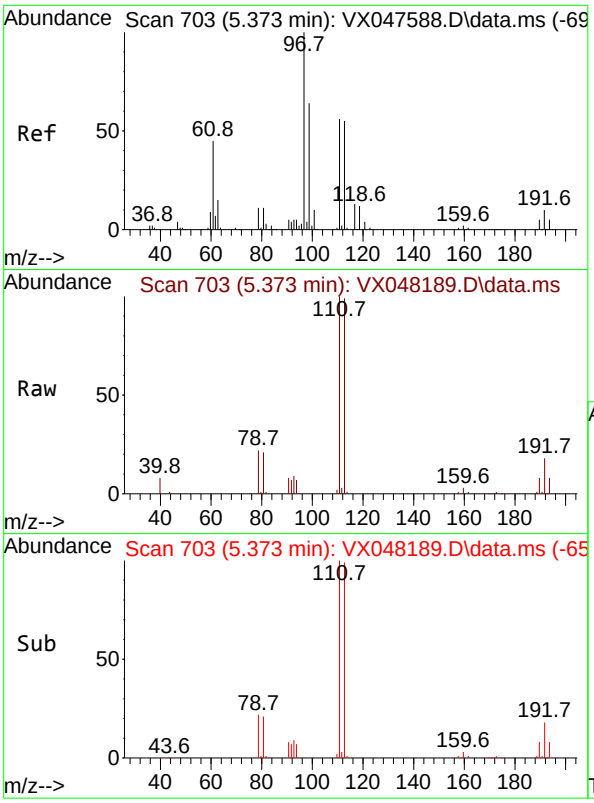


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion:114 Resp: 255431

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	44.0
88	16.0	0.0	34.2



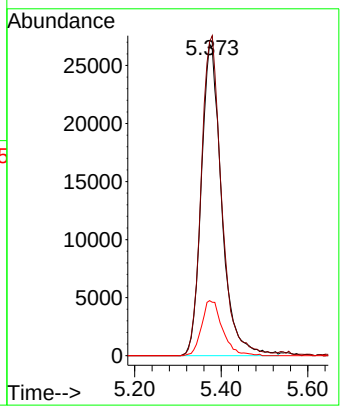


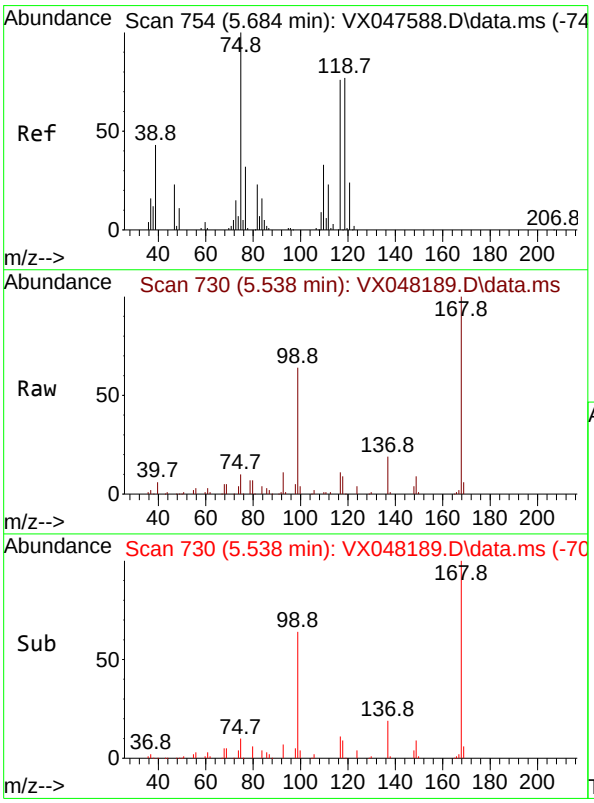
#35
Dibromofluoromethane
Concen: 51.184 ug/l
RT: 5.373 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 87681

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.9	121.3
192	18.1	14.2	21.4

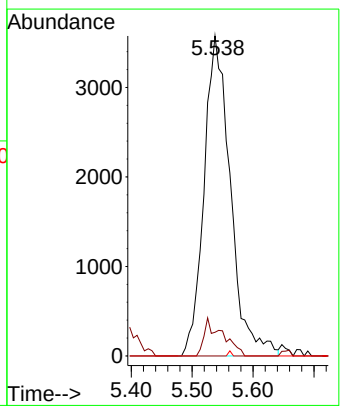


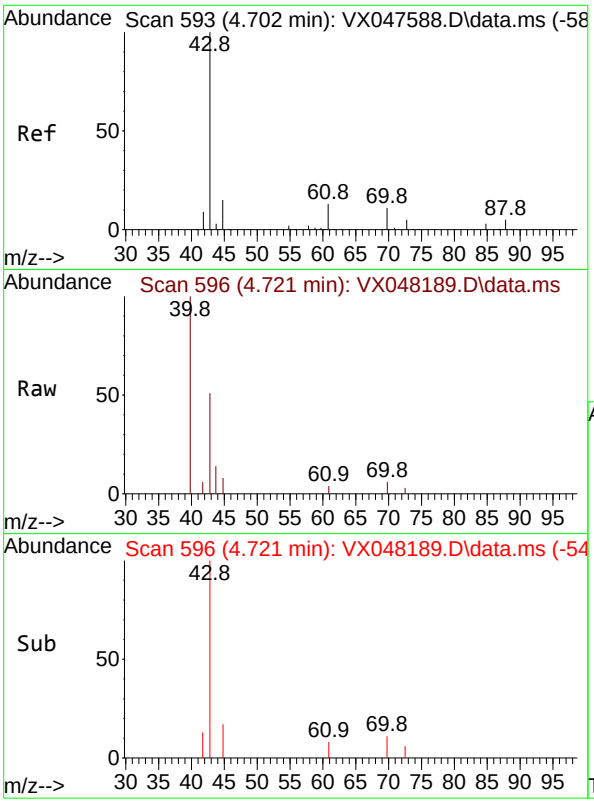


#36
1,1-Dichloropropene
Concen: 4.304 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.146 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 75 Resp: 10773

Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.7	50.1#
77	0.0	24.3	36.5#



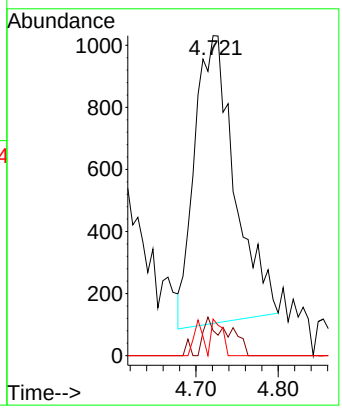


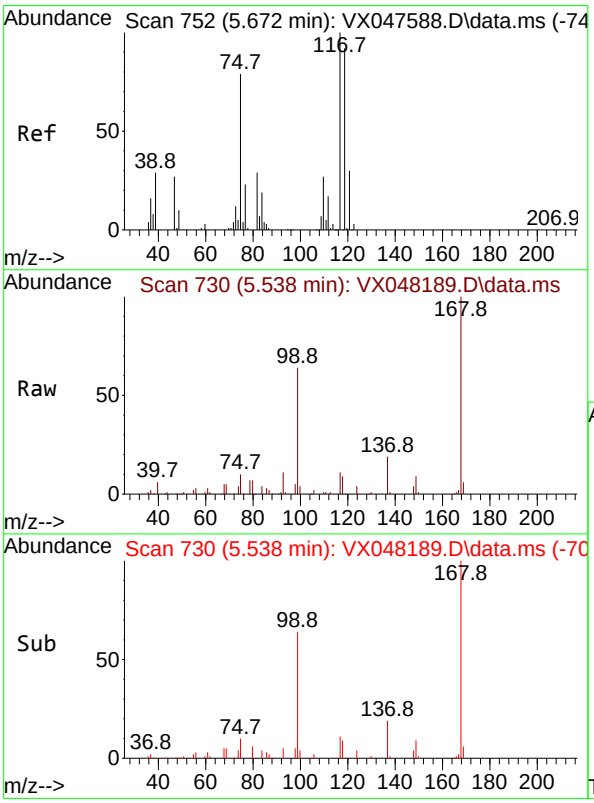
#37
Ethyl Acetate
Concen: 1.173 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.018 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 3145

Ion	Ratio	Lower	Upper
43	100		
61	4.0	9.8	14.8#
70	3.5	7.9	11.9#

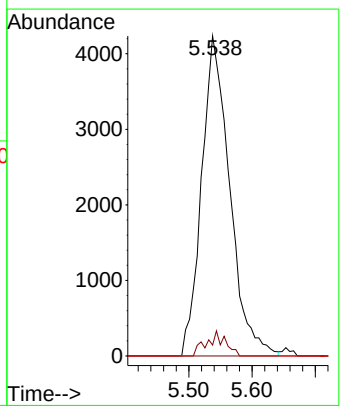


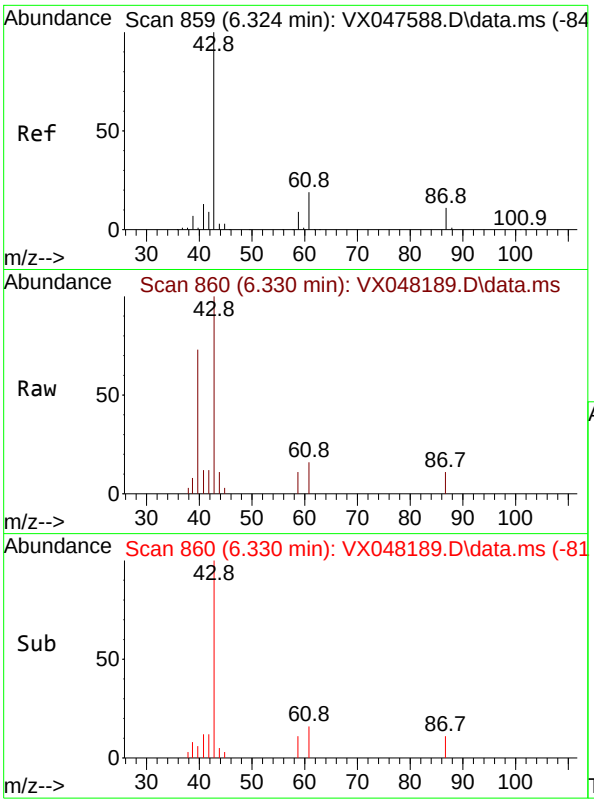


#38
Carbon Tetrachloride
Concen: 4.806 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion:117 Resp: 13072

Ion	Ratio	Lower	Upper
117	100		
119	3.4	73.4	110.2#
121	0.0	23.8	35.6#



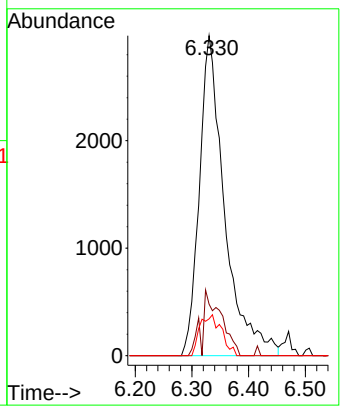


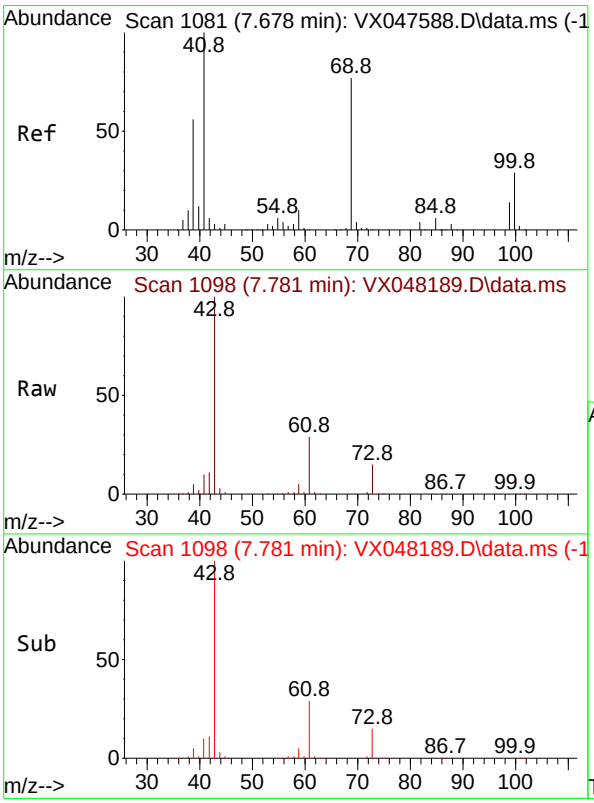
#43
Isopropyl Acetate
Concen: 2.095 ug/l
RT: 6.330 min Scan# 8
Delta R.T. 0.006 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 9211

Ion	Ratio	Lower	Upper
43	100		
61	15.8	15.2	22.8
87	11.0	9.6	14.4

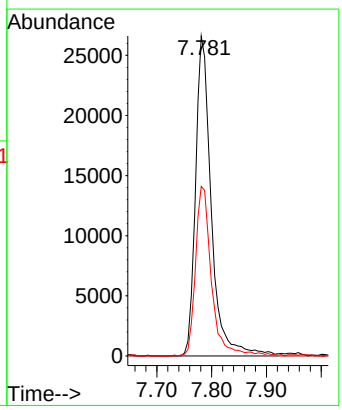


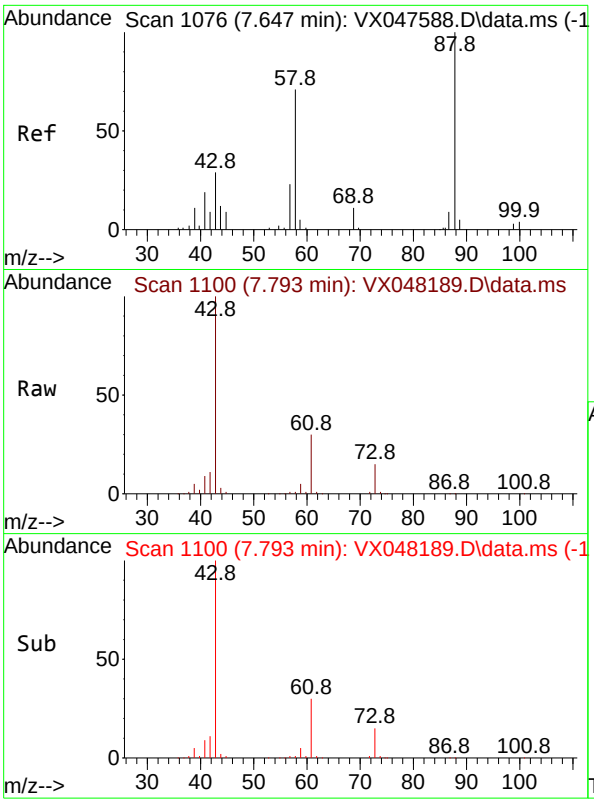


#48
Methyl methacrylate
Concen: 24.340 ug/l
RT: 7.781 min Scan# 1098
Delta R.T. 0.104 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 41 Resp: 53293

Ion	Ratio	Lower	Upper
41	100		
69	0.0	61.4	92.2#
39	53.9	45.8	68.6



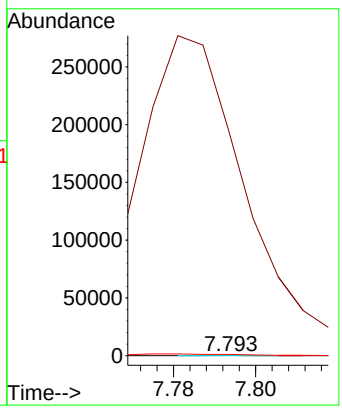


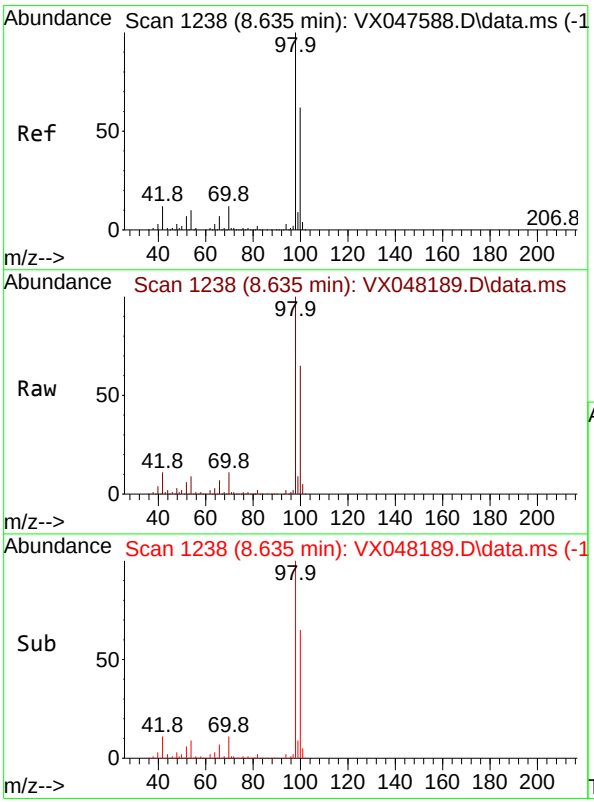
#49
1,4-Dioxane
Concen: 1.265 ug/l
RT: 7.793 min Scan# 11
Delta R.T. 0.146 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 28

Ion	Ratio	Lower	Upper
88	100		
43	1942160.7	30.2	45.2#
58	11100.0	59.5	89.3#

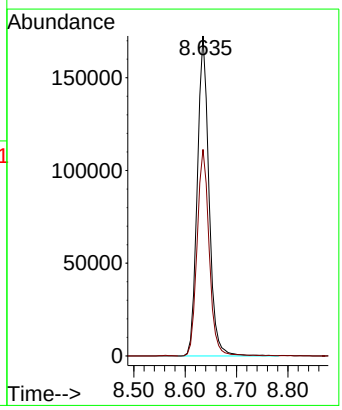


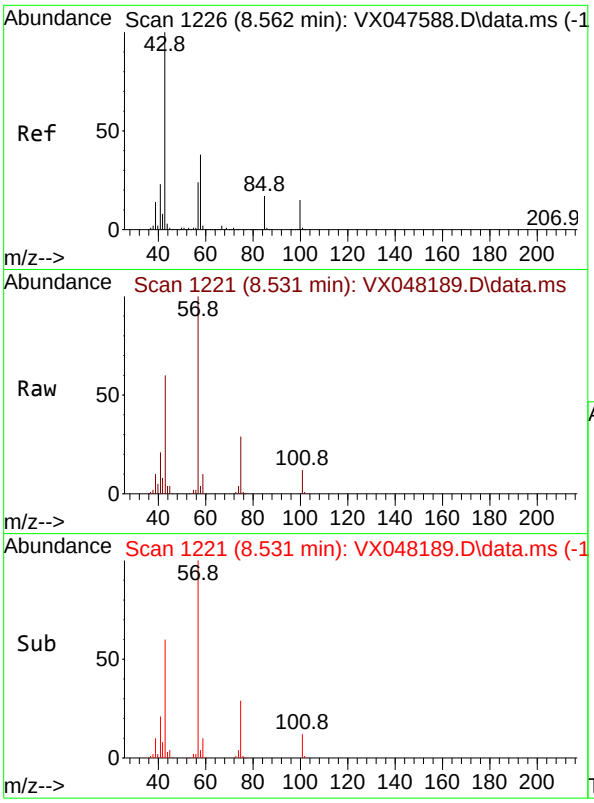


#50
Toluene-d8
Concen: 45.852 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 98 Resp: 271792

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



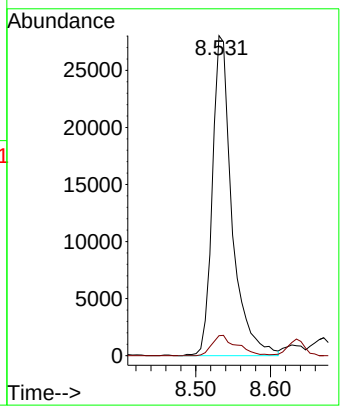


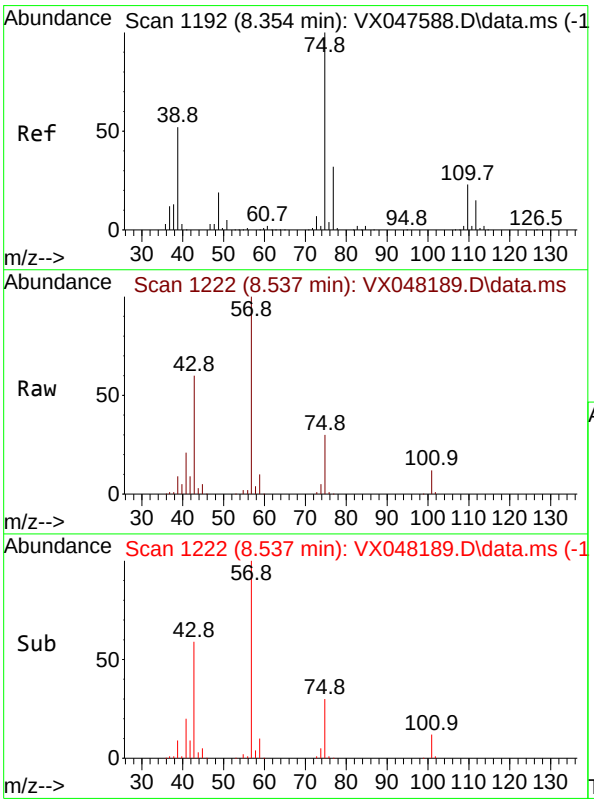
#51
4-Methyl-2-Pentanone
Concen: 20.951 ug/l
RT: 8.531 min Scan# 1
Delta R.T. -0.031 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 51061

Ion	Ratio	Lower	Upper
43	100		
58	8.1	30.3	45.5#

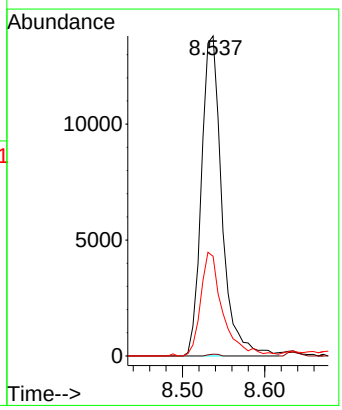


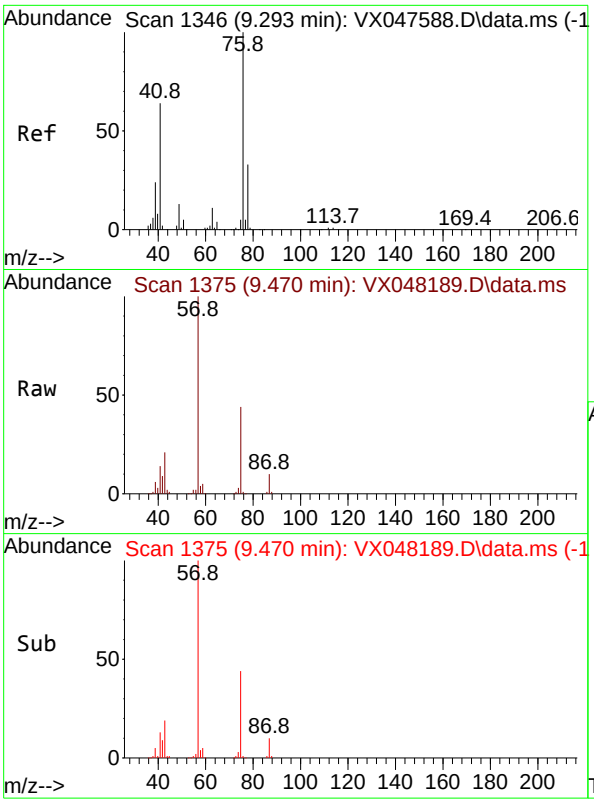


#54
cis-1,3-Dichloropropene
Concen: 7.503 ug/l
RT: 8.537 min Scan# 1222
Delta R.T. 0.183 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 75 Resp: 23912

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.6#
39	31.1	41.4	62.2#



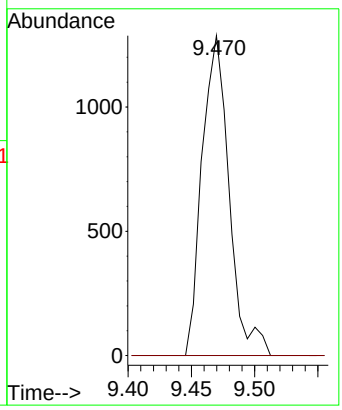


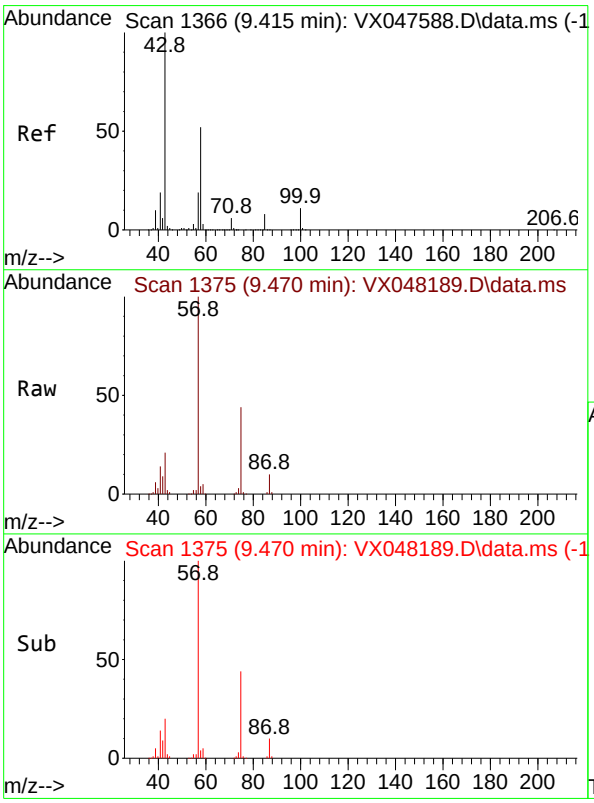
#57
1,3-Dichloropropane
Concen: 0.618 ug/l
RT: 9.470 min Scan# 1
Delta R.T. 0.177 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1918

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#

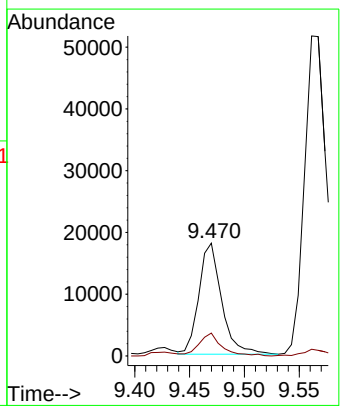


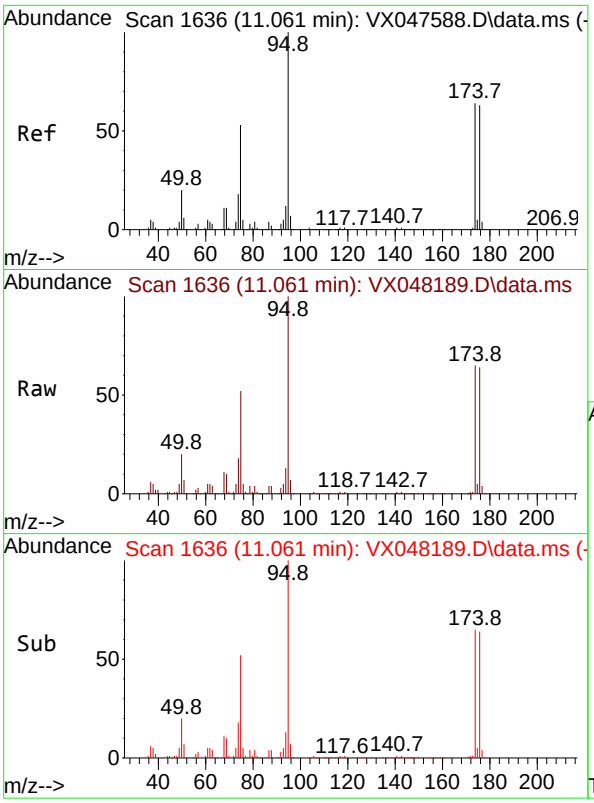


#59
2-Hexanone
Concen: 14.878 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. 0.055 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 43 Resp: 26042

Ion	Ratio	Lower	Upper
43	100		
58	20.1	26.1	78.2#



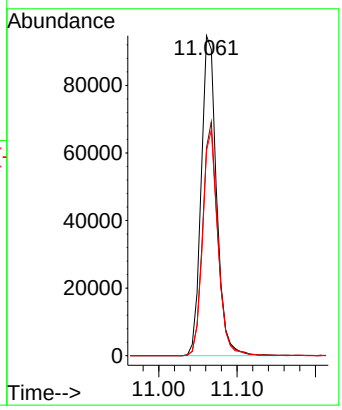


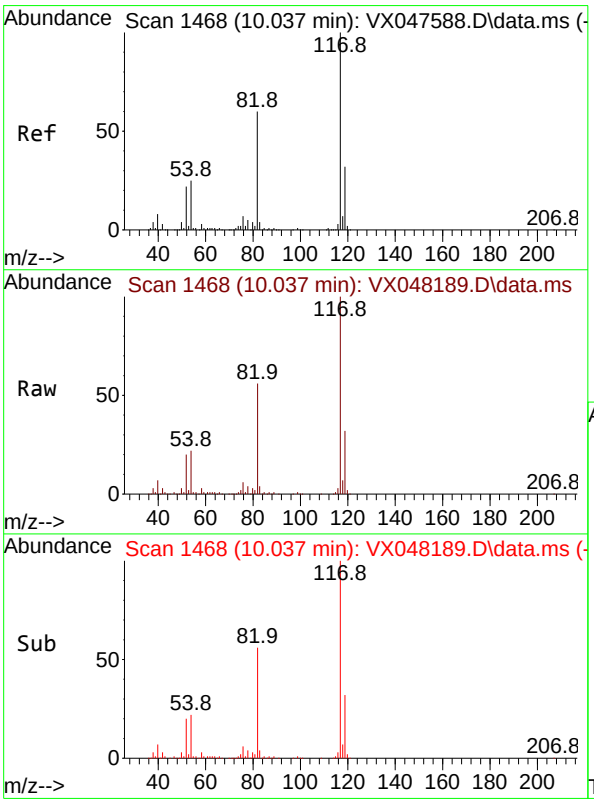
#62
4-Bromofluorobenzene
Concen: 57.300 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 95 Resp: 128902

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	141.6
176	69.8	0.0	138.4

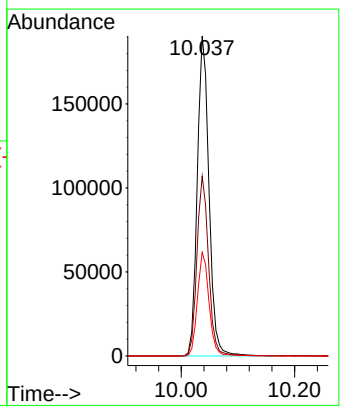


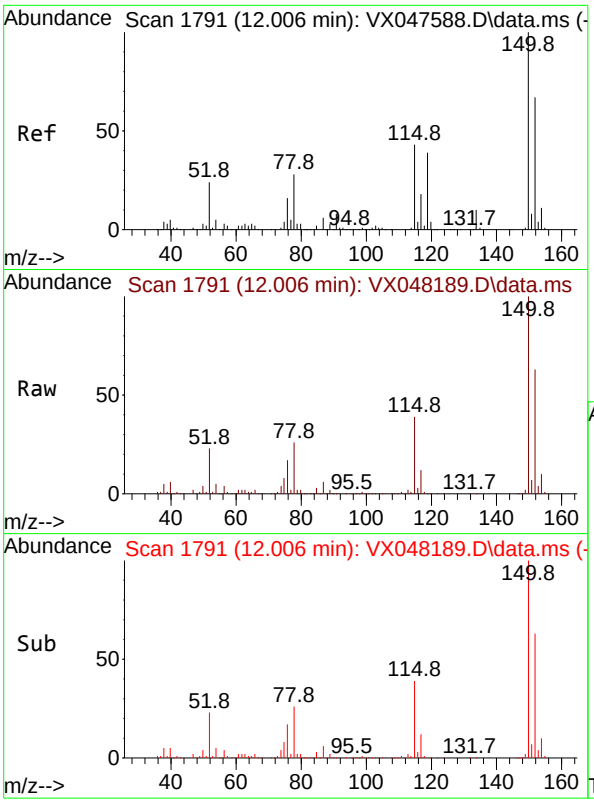


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion:117 Resp: 272806

Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.8	71.6
119	32.3	25.2	37.8



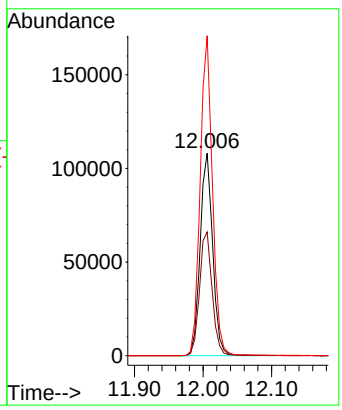


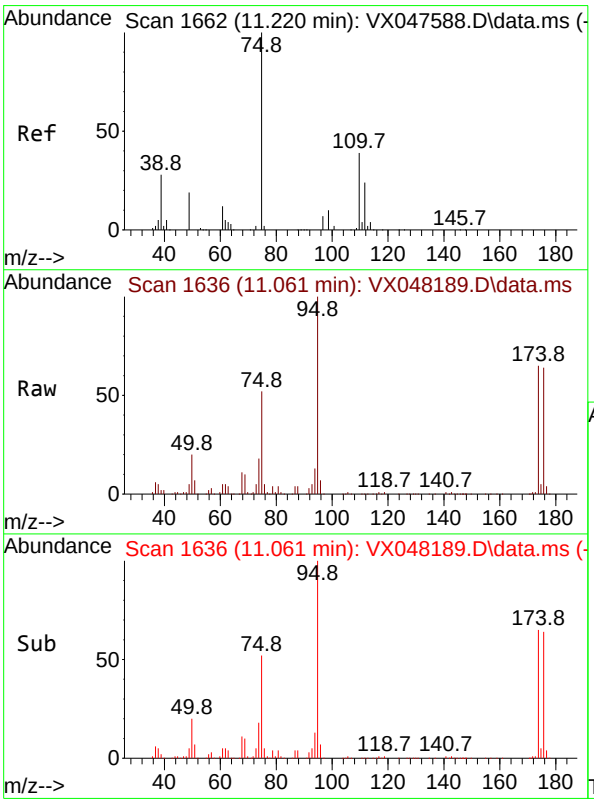
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 137710

Ion	Ratio	Lower	Upper
152	100		
115	61.7	44.9	134.5
150	155.1	0.0	352.0

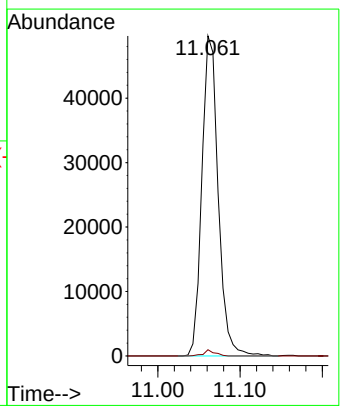


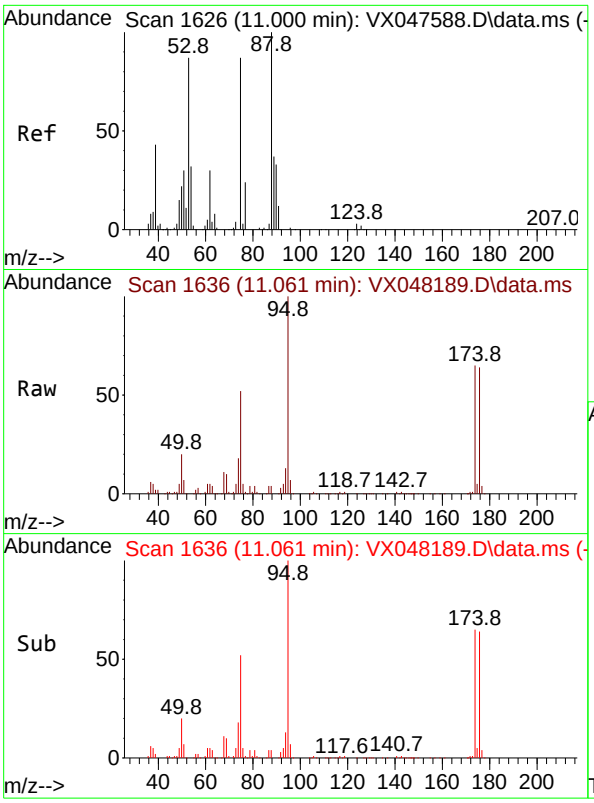


#76
1,2,3-Trichloropropane
Concen: 24.599 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Tgt Ion: 75 Resp: 68588

Ion	Ratio	Lower	Upper
75	100		
77	1.3	18.8	56.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.732 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX048189.D
Acq: 15 Oct 2025 14:35

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 68588

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.4	125.2#
89	0.0	36.3	54.5#