Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
Data File : VX048186.D
Acq On : 15 Oct 2025 13:34
Operator : JC/MD
Sample : PPB17094TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 16 04:04:27 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	5.525	168	110169	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	6.739	114	206255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	220817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.000	152	99866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	76387	43.560	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 87.120%			
35) Dibromofluoromethane	5.361	113	71741	51.864	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.720%			
50) Toluene-d8	8.629	98	245176	51.224	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.440%			
62) 4-Bromofluorobenzene	11.061	95	98318	54.125	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.240%			
Target Compounds						Qvalue
5) Bromomethane	1.636	94	563	0.605	ug/l #	76
10) Methyl Iodide	2.465	142	1102	0.555	ug/l #	92
11) Tert butyl alcohol	2.947	59	428	2.191	ug/l #	72
13) Acrolein	2.227	56	109	0.606	ug/l	89
16) Acetone	2.374	43	29826	39.117	ug/l	100
17) Carbon Disulfide	2.508	76	1271	0.355	ug/l #	92
18) Methyl Acetate	2.703	43	5761	3.395	ug/l	96
20) Methylene Chloride	2.788	84	8561	5.304	ug/l	97
25) 2-Butanone	4.550	43	5026	5.284	ug/l #	88
29) Tetrahydrofuran	4.989	42	305	0.533	ug/l #	54
31) Cyclohexane	5.519	56	2427	1.047	ug/l #	12
37) Ethyl Acetate	4.702	43	2131	0.985	ug/l #	78
38) Carbon Tetrachloride	5.532	117	11523	5.247	ug/l #	18
41) Methacrylonitrile	5.019	41	243	0.217	ug/l #	48
43) Isopropyl Acetate	6.312	43	7717	2.174	ug/l #	96
48) Methyl methacrylate	7.775	41	50784	28.724	ug/l #	48
49) 1,4-Dioxane	7.781	88	20	1.119	ug/l #	1
51) 4-Methyl-2-Pentanone	8.531	43	61200	31.098	ug/l #	50
54) cis-1,3-Dichloropropene	8.531	75	26037	10.117	ug/l #	66
57) 1,3-Dichloropropane	9.464	76	1967	0.785	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.251	63	212	8.087	ug/l #	47
59) 2-Hexanone	9.354	43	8032	5.683	ug/l #	26
64) Tetrachloroethene	9.256	164	499	0.347	ug/l #	72
74) N-amyl acetate	10.756	43	1146	0.331	ug/l #	51
76) 1,2,3-Trichloropropane	11.061	75	52413	25.922	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.061	75	52413	66.104	ug/l #	8
89) n-Butylbenzene	12.317	91	2006	0.338	ug/l	91
93) 1,2,4-Trichlorobenzene	13.567	180	768	0.357	ug/l	84
94) Hexachlorobutadiene	13.701	225	998	1.366	ug/l	90
95) Naphthalene	13.756	128	1773	0.271	ug/l #	88
96) 1,2,3-Trichlorobenzene	13.945	180	717	0.358	ug/l	94

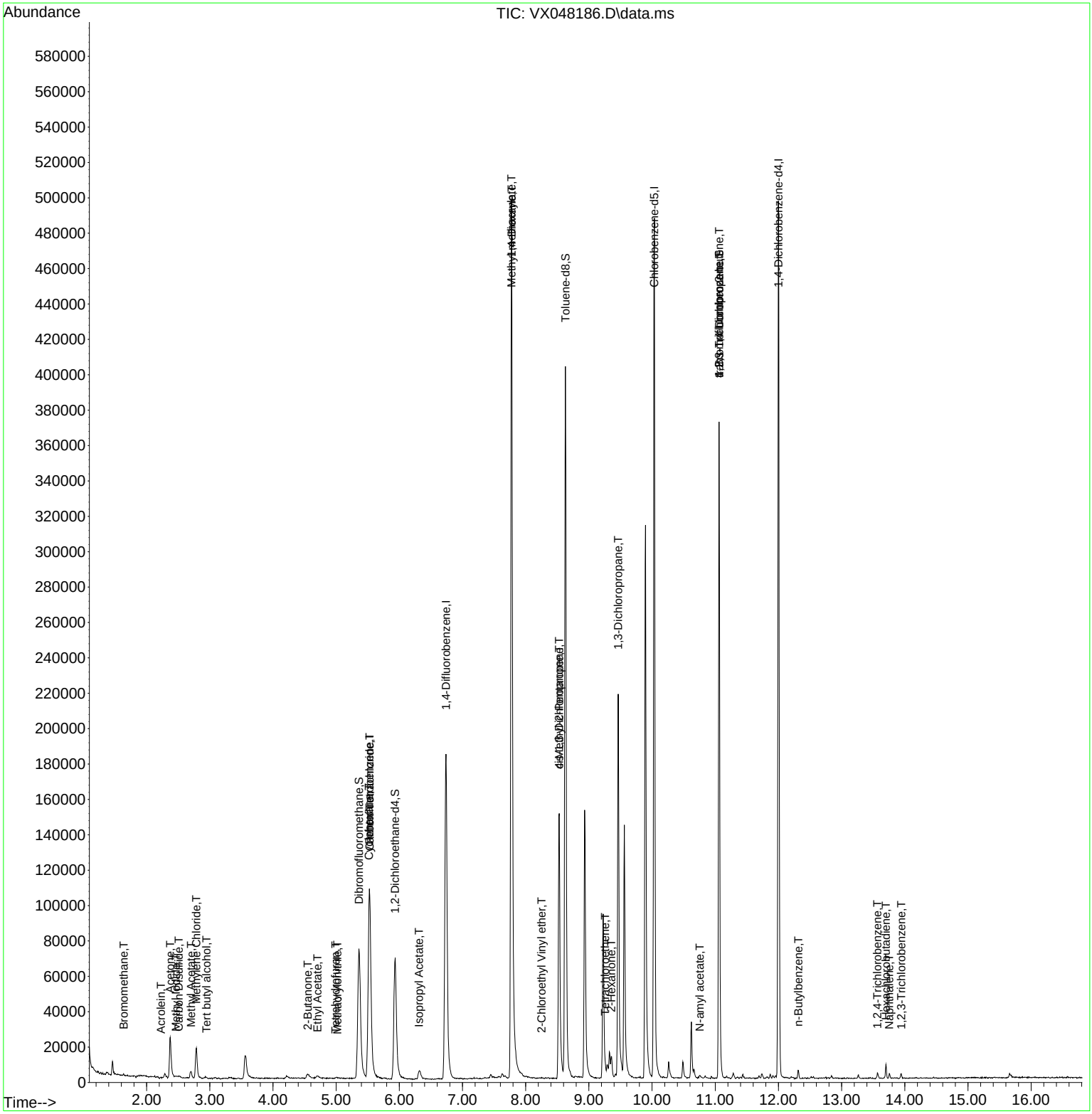
(#) = qualifier out of range (m) = manual integration (+) = signals summed

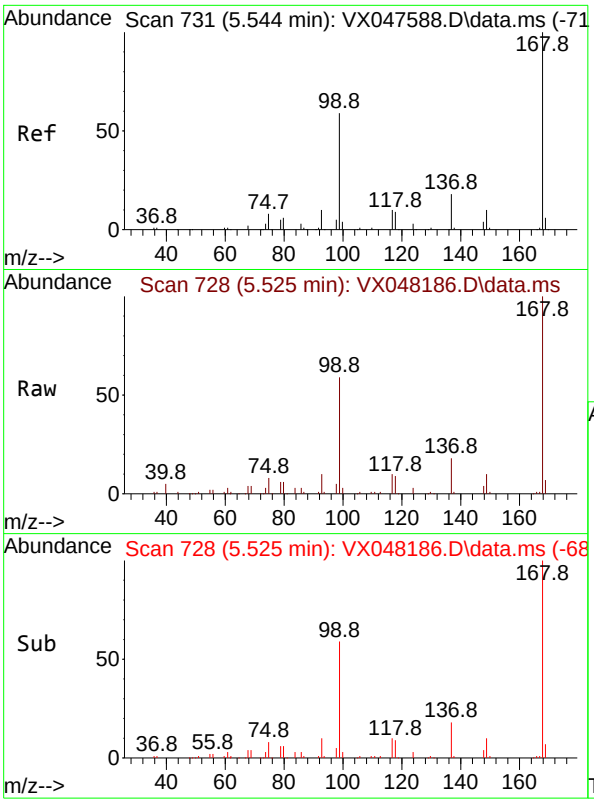
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101525\
Data File : VX048186.D
Acq On : 15 Oct 2025 13:34
Operator : JC/MD
Sample : PPB17094TB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 16 04:04:27 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



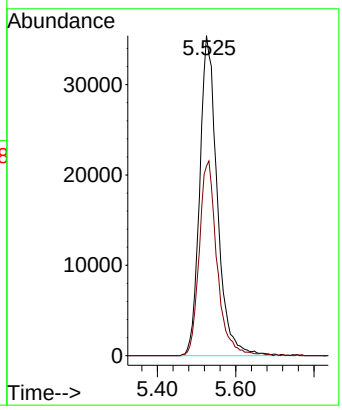


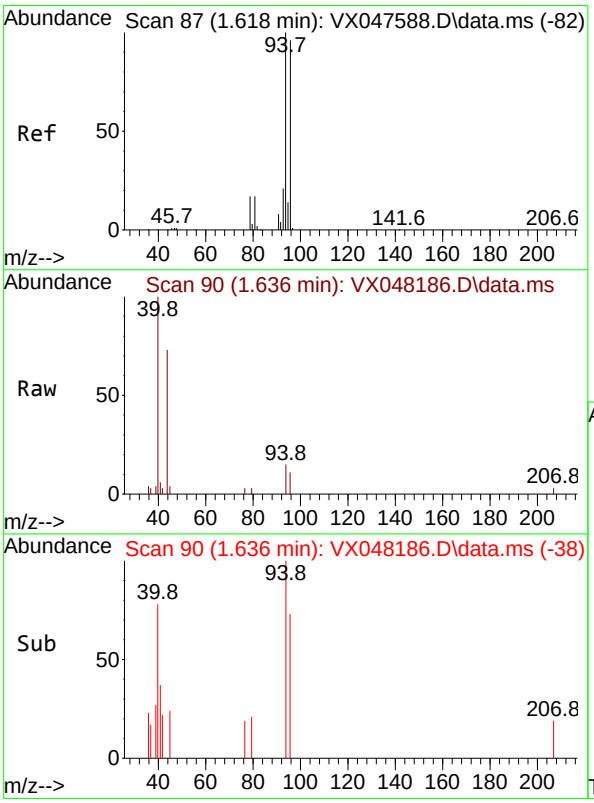
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.525 min Scan# 7
Delta R.T. -0.019 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 110169

Ion	Ratio	Lower	Upper
168	100		
99	59.3	48.8	73.2

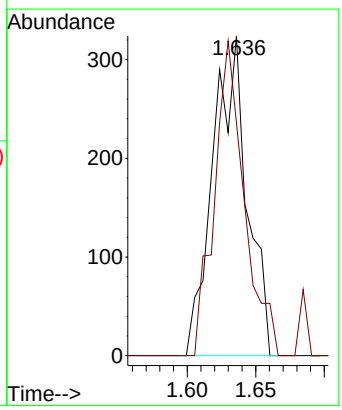


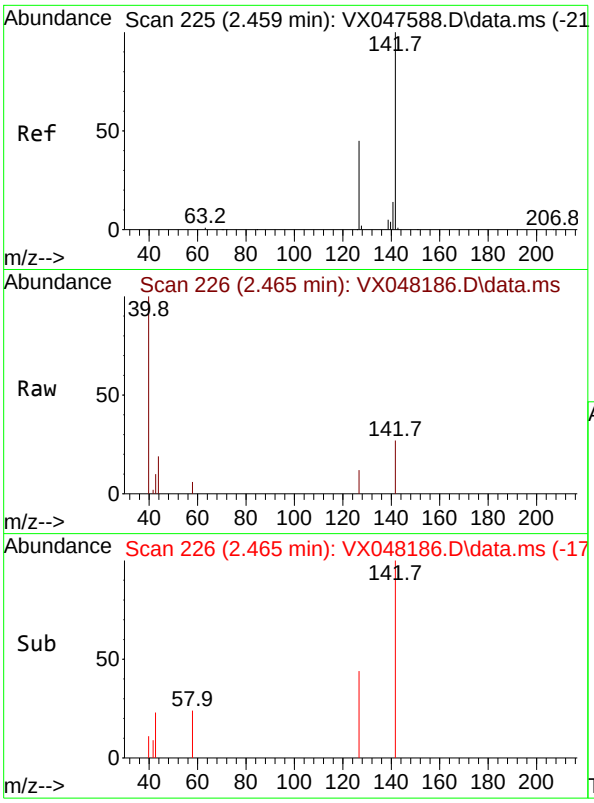


#5
Bromomethane
Concen: 0.605 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.018 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 94 Resp: 563

Ion	Ratio	Lower	Upper
94	100		
96	72.8	76.6	115.0#



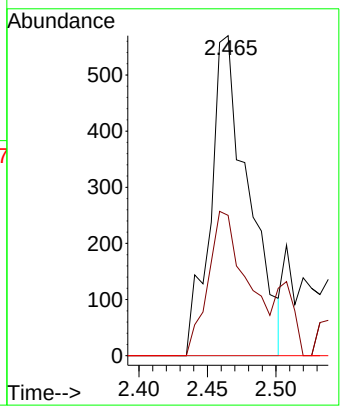


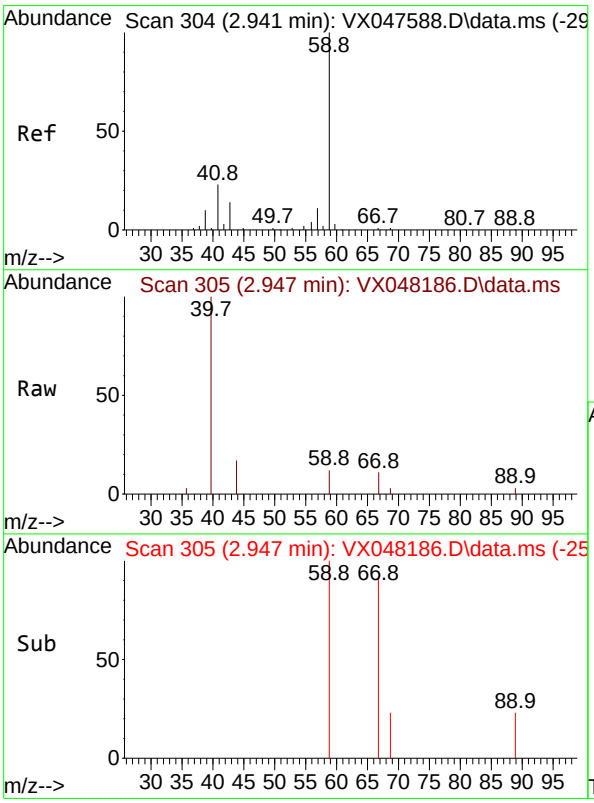
#10
Methyl Iodide
Concen: 0.555 ug/l
RT: 2.465 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:142 Resp: 1102

Ion	Ratio	Lower	Upper
142	100		
127	46.6	37.2	55.8
141	0.0	11.4	17.0#

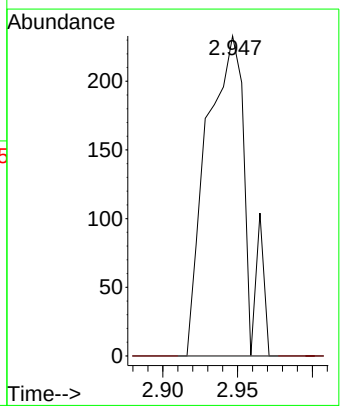


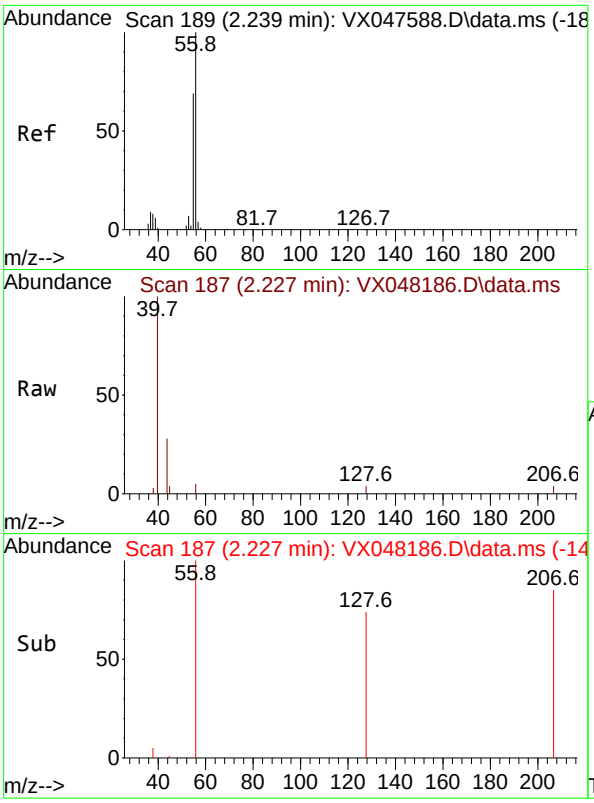


#11
Tert butyl alcohol
Concen: 2.191 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 59 Resp: 428

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



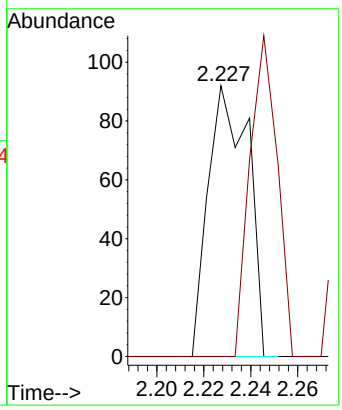


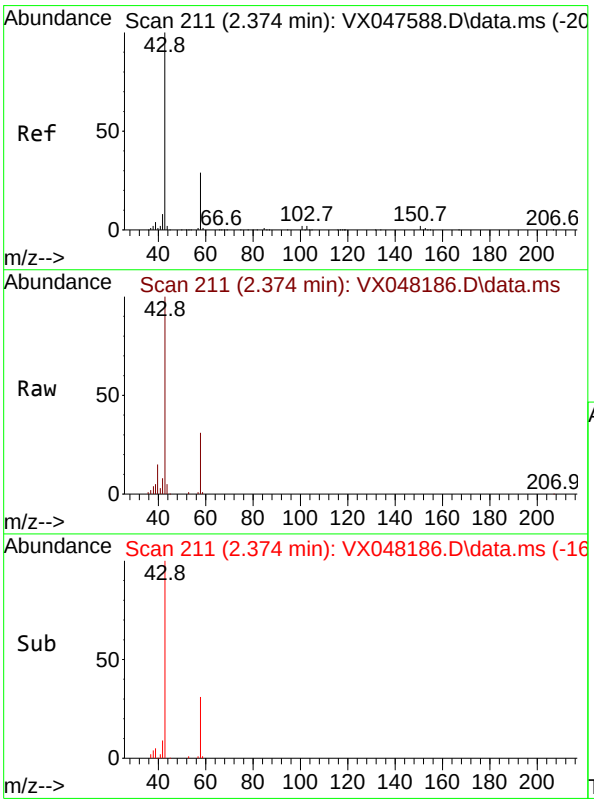
#13
Acrolein
Concen: 0.606 ug/l
RT: 2.227 min Scan# 1
Delta R.T. -0.012 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 56 Resp: 109

Ion	Ratio	Lower	Upper
56	100		
55	80.7	57.2	85.8

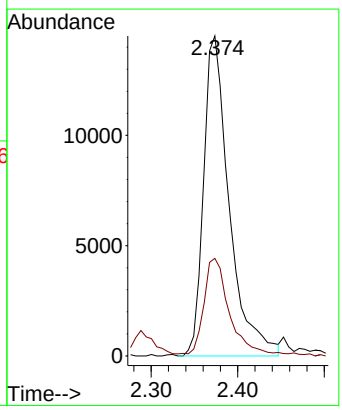


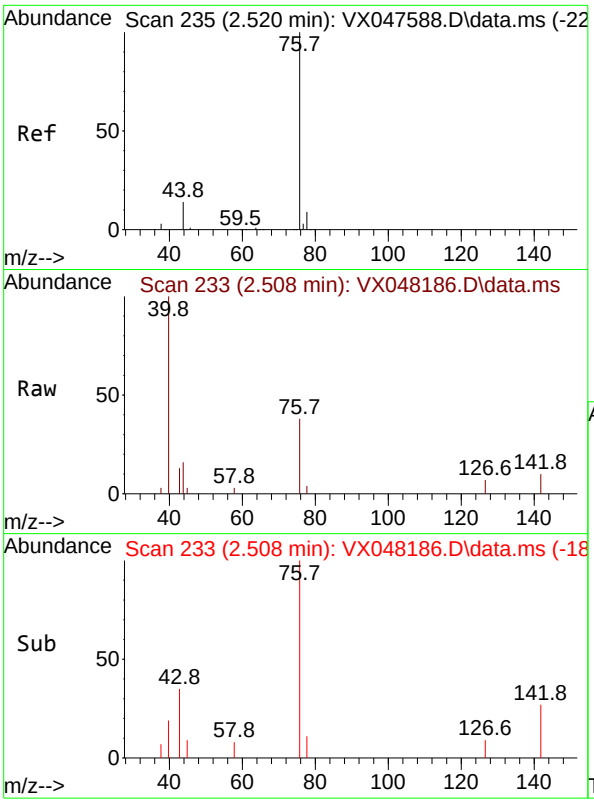


#16
Acetone
Concen: 39.117 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 43 Resp: 29826

Ion	Ratio	Lower	Upper
43	100		
58	29.2	23.4	35.0



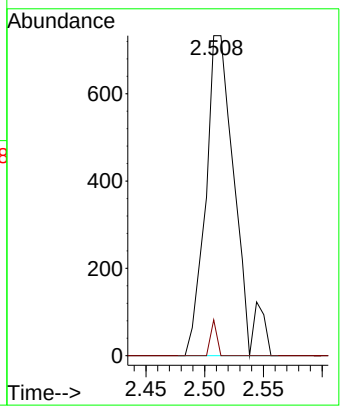


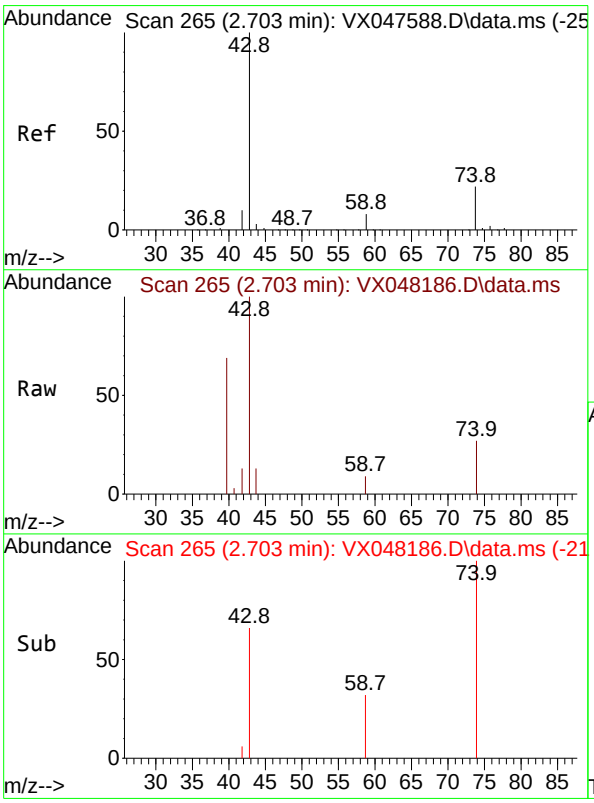
#17
Carbon Disulfide
Concen: 0.355 ug/l
RT: 2.508 min Scan# 2
Delta R.T. -0.012 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1271

Ion	Ratio	Lower	Upper
76	100		
78	11.2	6.8	10.2#

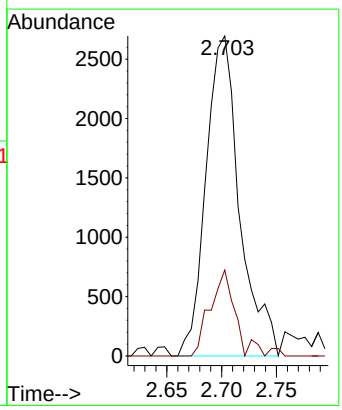


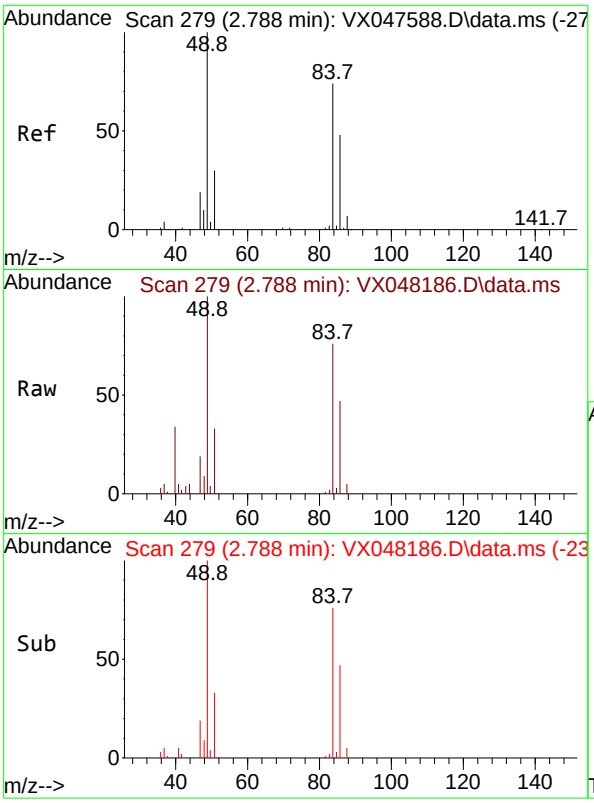


#18
Methyl Acetate
Concen: 3.395 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 43 Resp: 5761

Ion	Ratio	Lower	Upper
43	100		
74	20.0	17.4	26.2



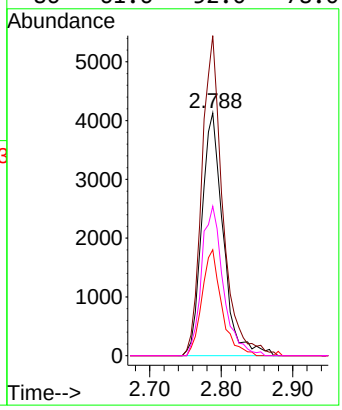


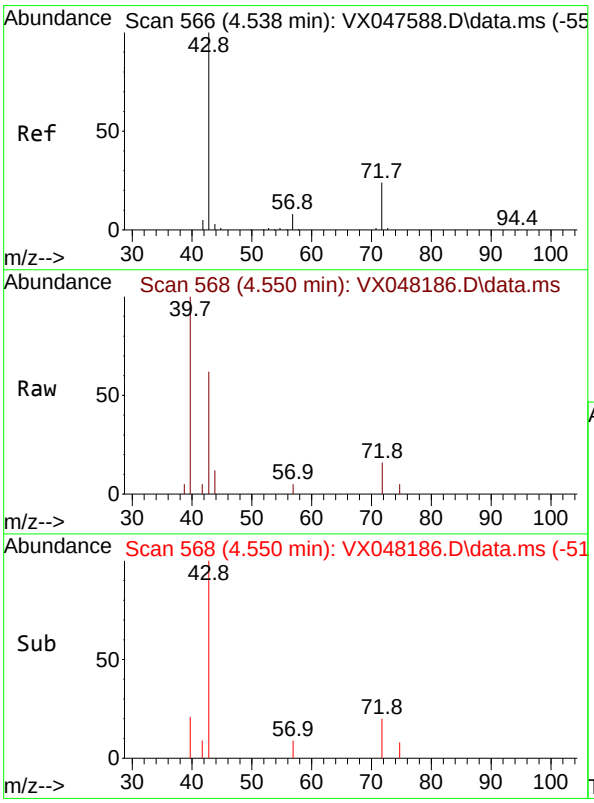
#20
Methylene Chloride
Concen: 5.304 ug/l
RT: 2.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 8561

Ion	Ratio	Lower	Upper
84	100		
49	137.7	108.6	162.8
51	43.6	32.6	48.8
86	61.6	52.0	78.0

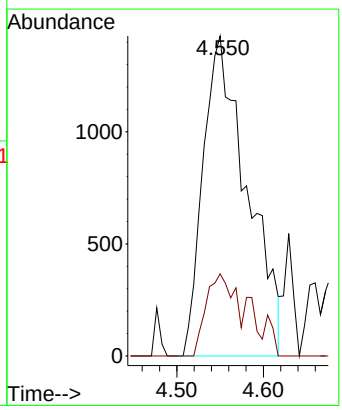


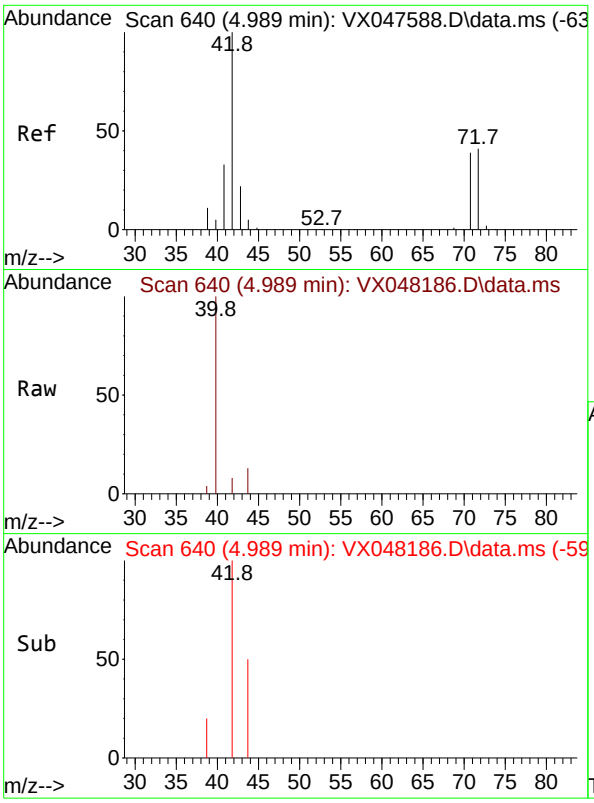


#25
2-Butanone
Concen: 5.284 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.012 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 43 Resp: 5026

Ion	Ratio	Lower	Upper
43	100		
72	31.1	20.1	30.1#



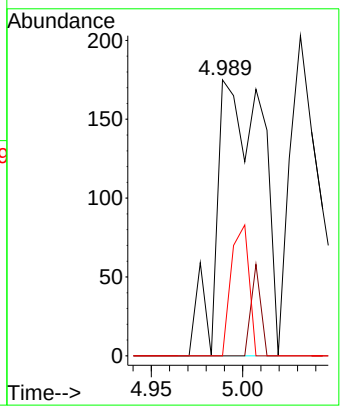


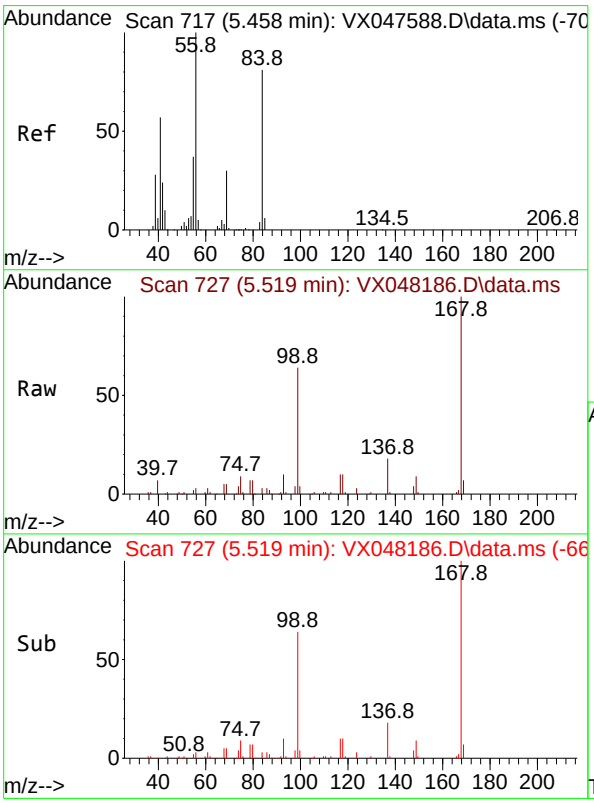
#29
Tetrahydrofuran
Concen: 0.533 ug/l
RT: 4.989 min Scan# 64
Delta R.T. -0.000 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 305

Ion	Ratio	Lower	Upper
42	100		
72	6.9	34.2	51.2#
71	18.4	31.9	47.9#

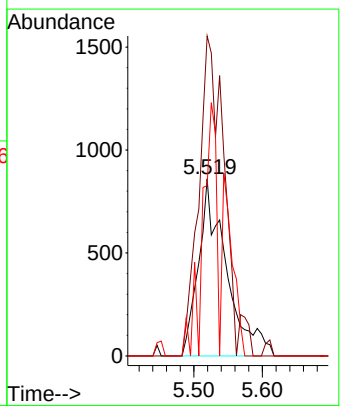


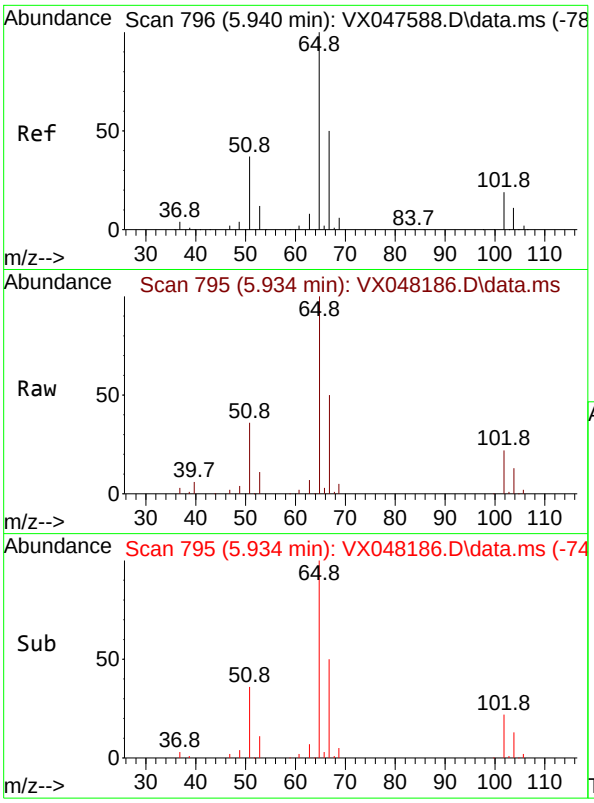


#31
Cyclohexane
Concen: 1.047 ug/l
RT: 5.519 min Scan# 727
Delta R.T. 0.061 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 56 Resp: 2427

Ion	Ratio	Lower	Upper
56	100		
69	180.7	23.8	35.8#
84	96.2	64.6	97.0



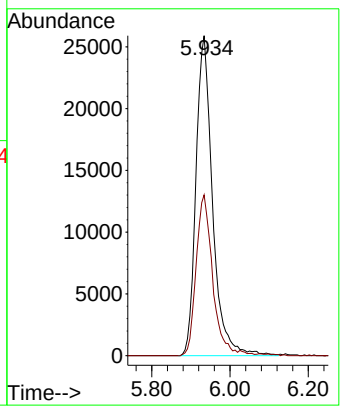


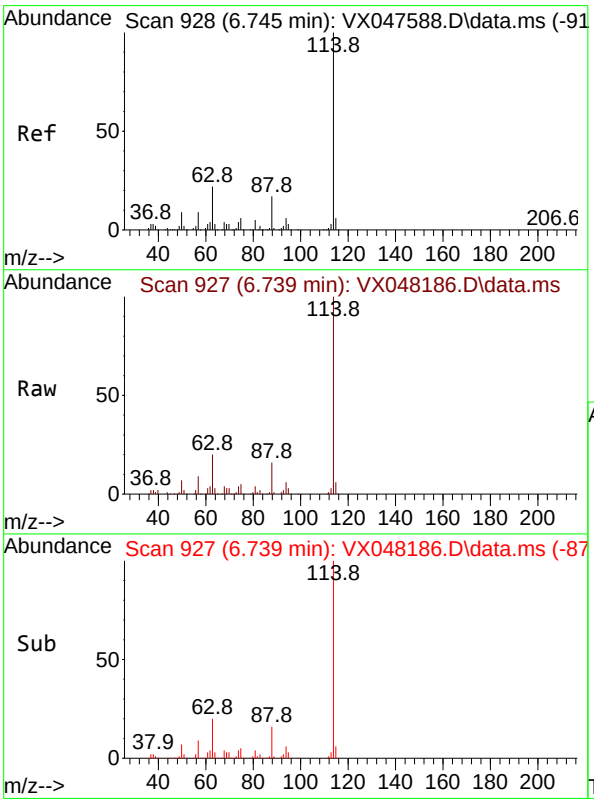
#33
1,2-Dichloroethane-d4
Concen: 43.560 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 76387

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	103.0

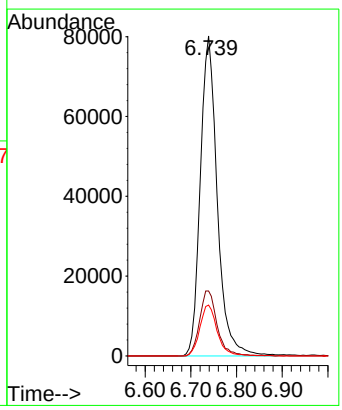


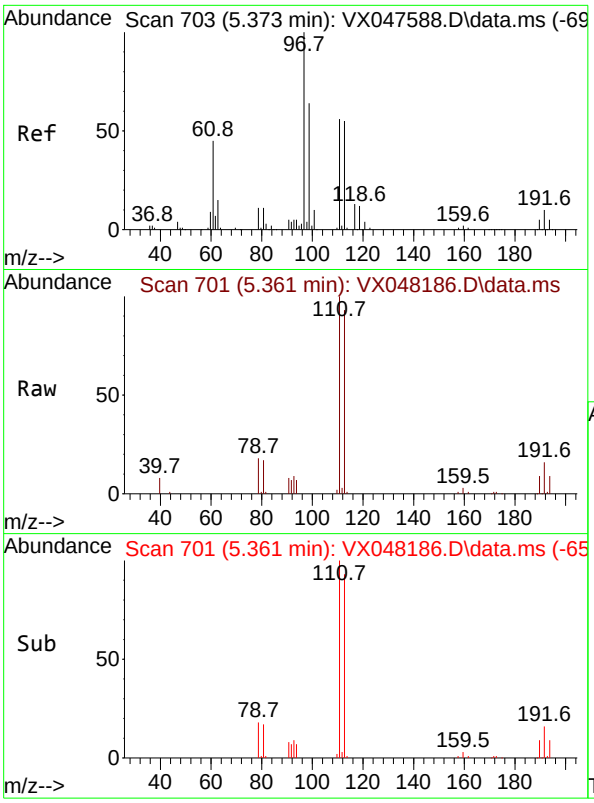


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 927
Delta R.T. -0.006 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion:114 Resp: 206255

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	44.0
88	15.9	0.0	34.2



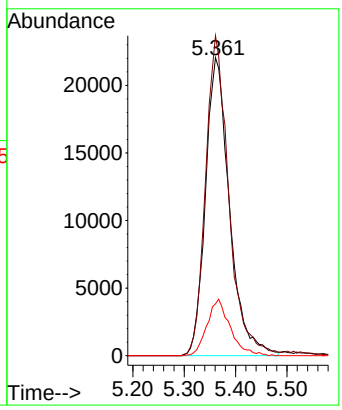


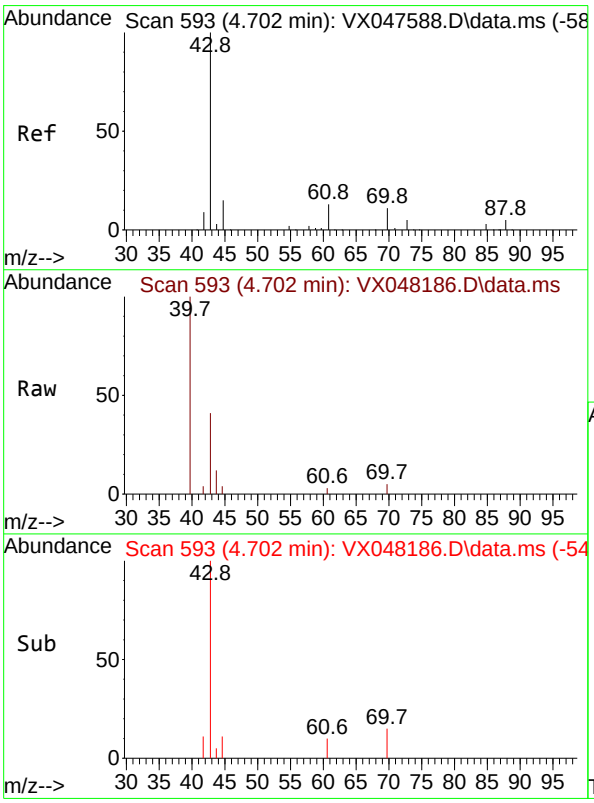
#35
Dibromofluoromethane
Concen: 51.864 ug/l
RT: 5.361 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 71741

Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.9	121.3
192	18.3	14.2	21.4

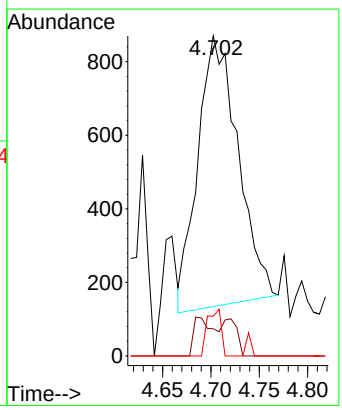


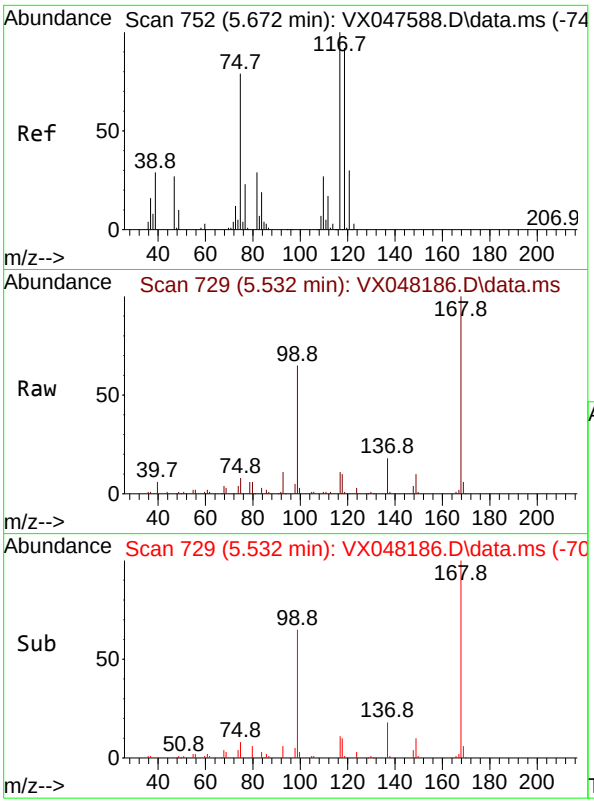


#37
Ethyl Acetate
Concen: 0.985 ug/l
RT: 4.702 min Scan# 593
Delta R.T. -0.000 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 43 Resp: 2131

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	5.9	7.9	11.9#



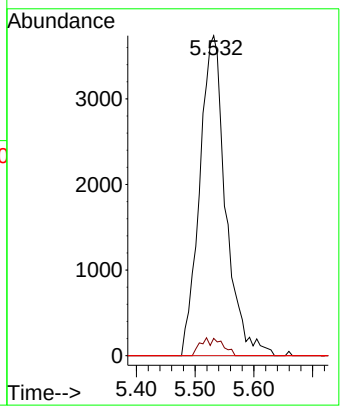


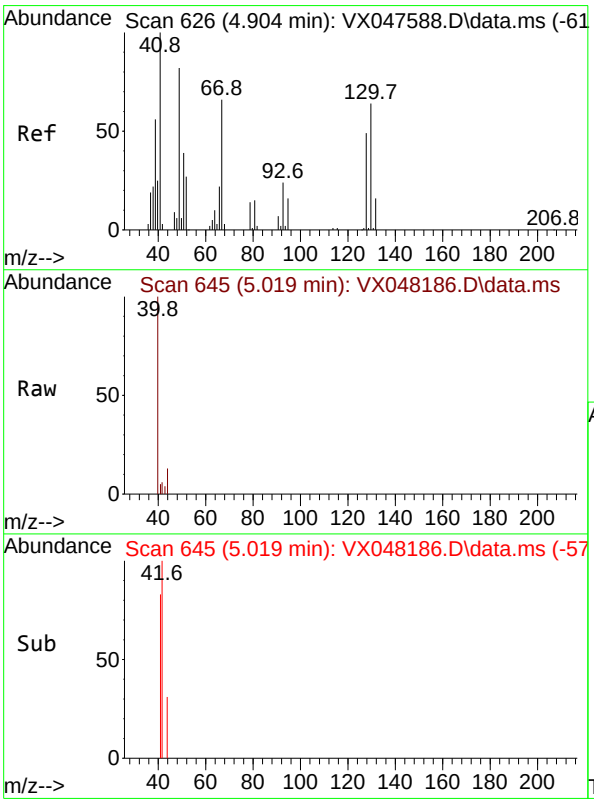
#38
Carbon Tetrachloride
Concen: 5.247 ug/l
RT: 5.532 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 11523

Ion	Ratio	Lower	Upper
117	100		
119	5.4	73.4	110.2#
121	0.0	23.8	35.6#

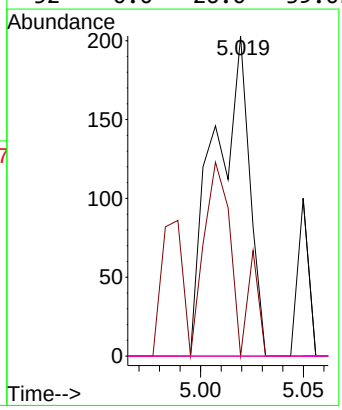


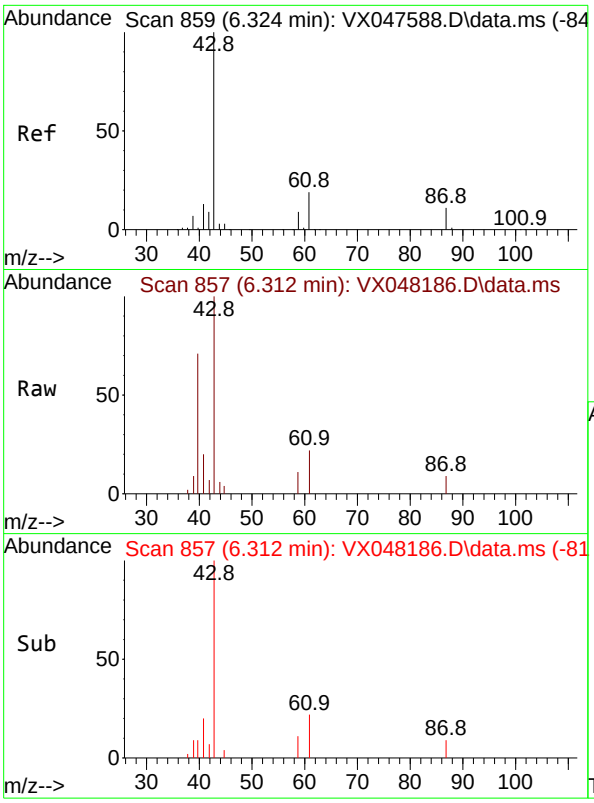


#41
Methacrylonitrile
Concen: 0.217 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.116 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 41 Resp: 243

Ion	Ratio	Lower	Upper
41	100		
39	53.5	43.3	64.9
67	0.0	58.6	87.8#
52	0.0	26.0	39.0#



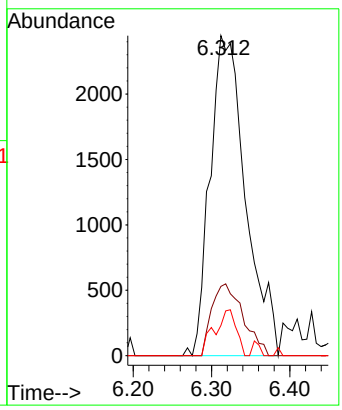


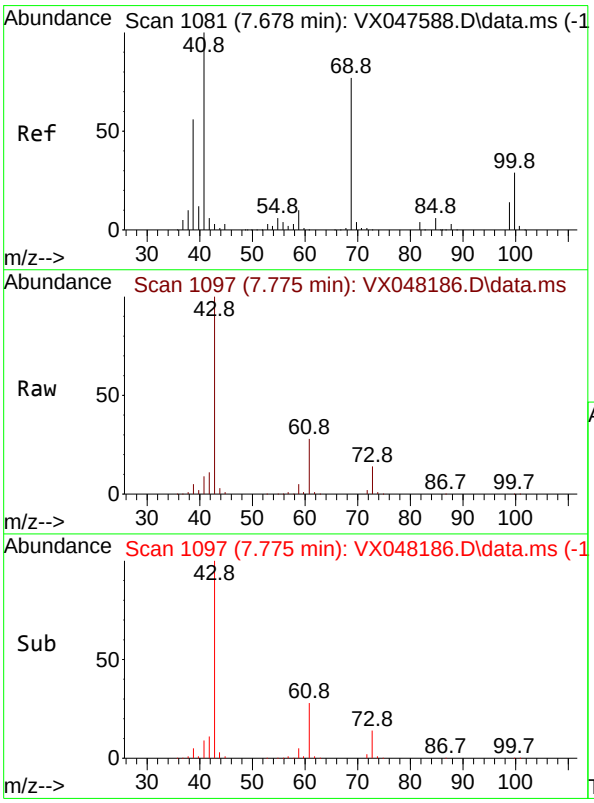
#43
Isopropyl Acetate
Concen: 2.174 ug/l
RT: 6.312 min Scan# 8
Delta R.T. -0.012 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 7717

Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.2	22.8
87	8.7	9.6	14.4#

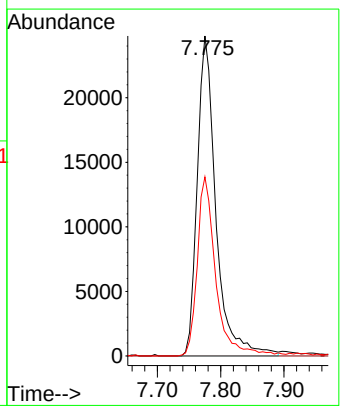


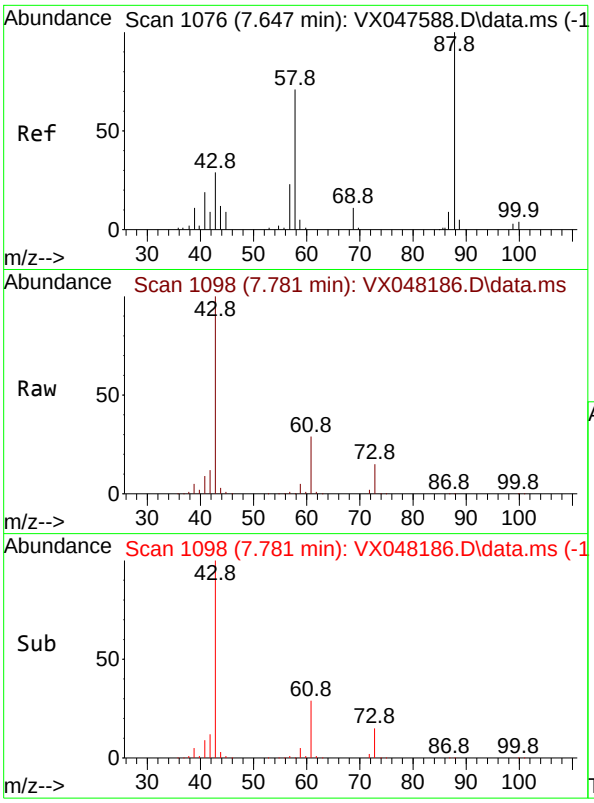


#48
Methyl methacrylate
Concen: 28.724 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. 0.097 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 41 Resp: 50784

Ion	Ratio	Lower	Upper
41	100		
69	0.0	61.4	92.2#
39	55.7	45.8	68.6



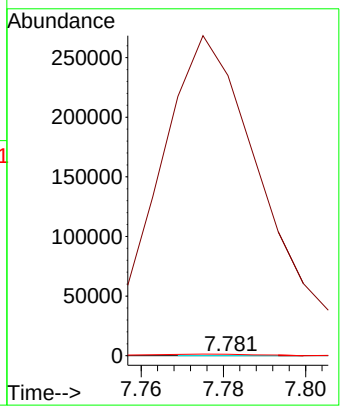


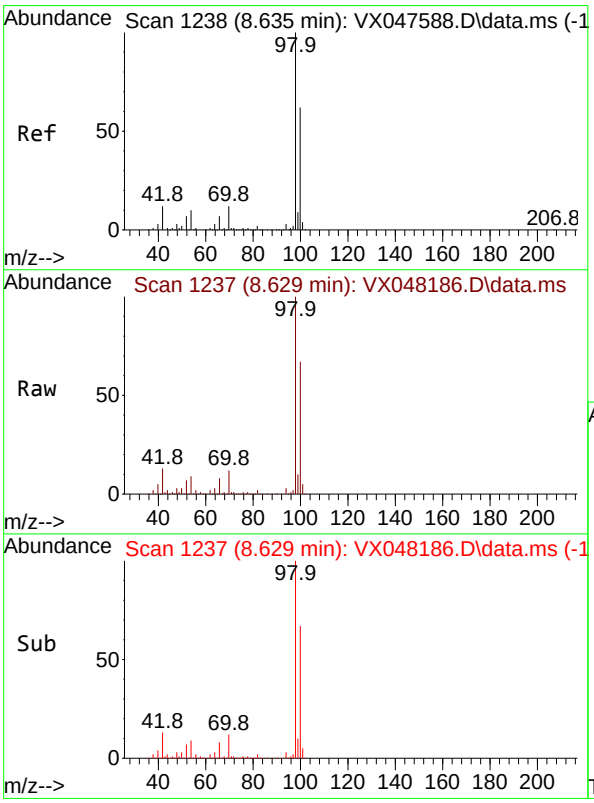
#49
1,4-Dioxane
Concen: 1.119 ug/l
RT: 7.781 min Scan# 1
Delta R.T. 0.134 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 20

Ion	Ratio	Lower	Upper
88	100		
43	2608300.0	30.2	45.2#
58	12270.0	59.5	89.3#

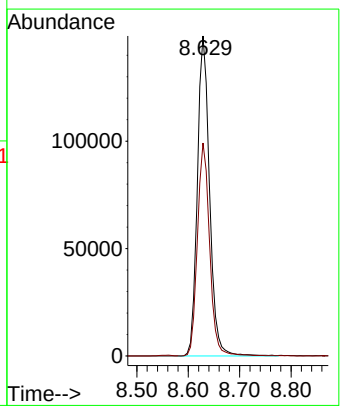


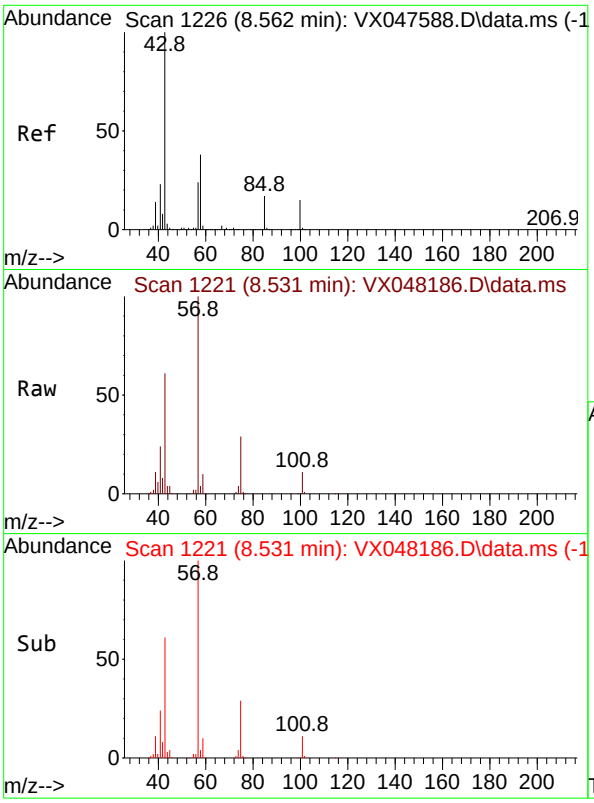


#50
Toluene-d8
Concen: 51.224 ug/l
RT: 8.629 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 98 Resp: 245176

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.0	79.4



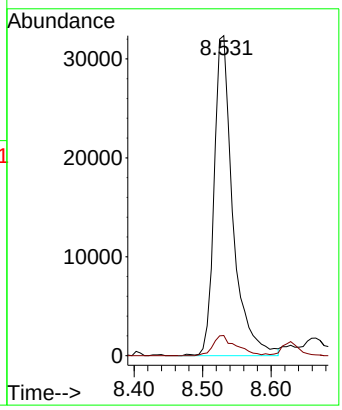


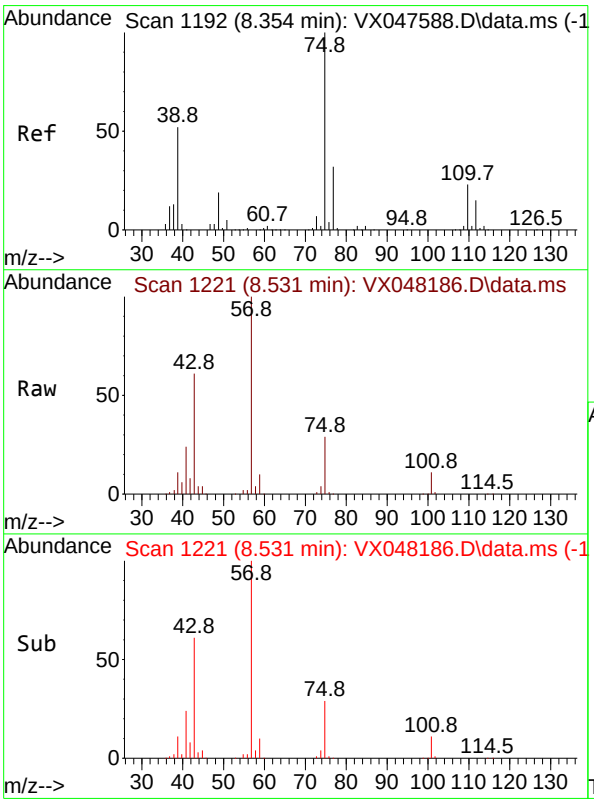
#51
4-Methyl-2-Pentanone
Concen: 31.098 ug/l
RT: 8.531 min Scan# 1
Delta R.T. -0.031 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 61200

Ion	Ratio	Lower	Upper
43	100		
58	7.7	30.3	45.5#

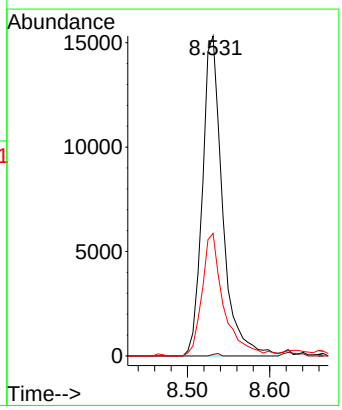


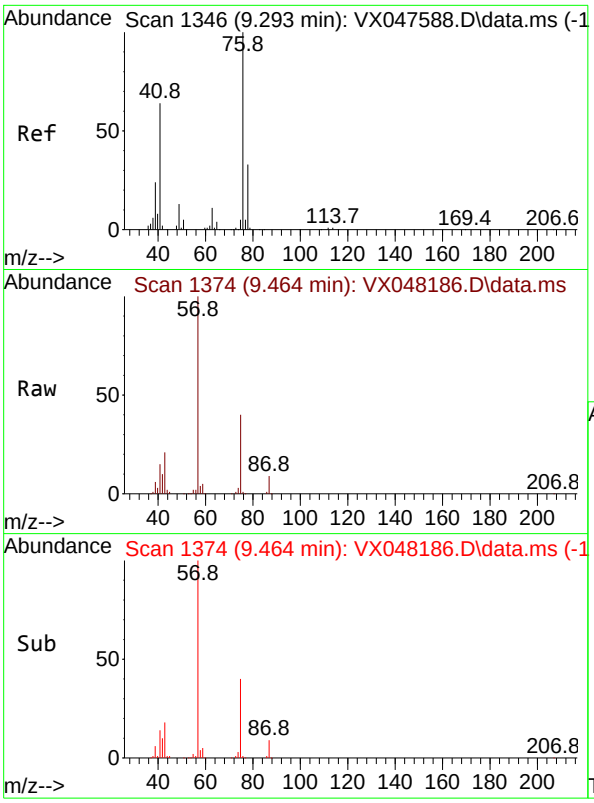


#54
cis-1,3-Dichloropropene
Concen: 10.117 ug/l
RT: 8.531 min Scan# 1221
Delta R.T. 0.177 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 75 Resp: 26037

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.8	38.6#
39	38.3	41.4	62.2#



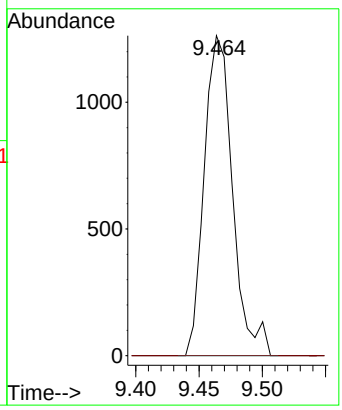


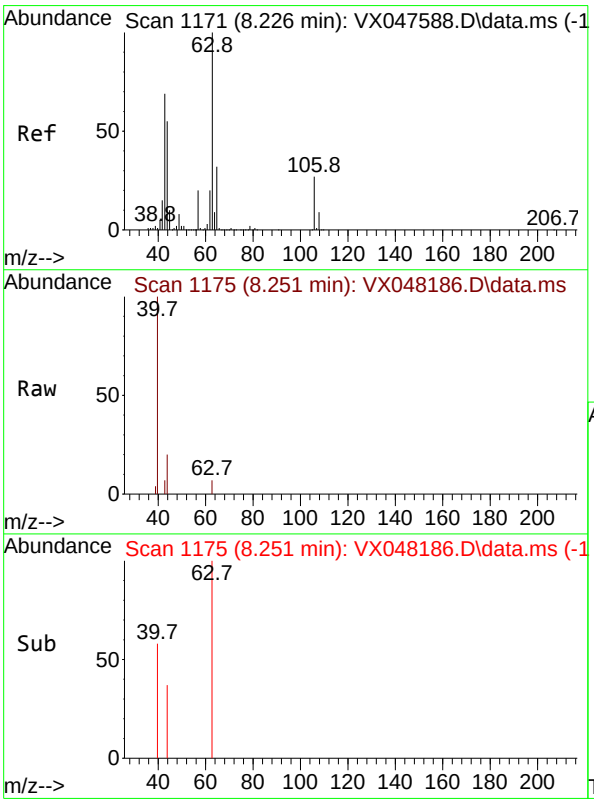
#57
1,3-Dichloropropane
Concen: 0.785 ug/l
RT: 9.464 min Scan# 1
Delta R.T. 0.171 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 76 Resp: 1967

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#

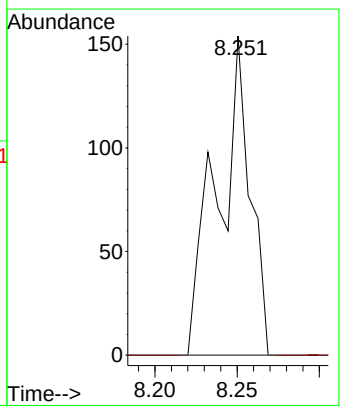


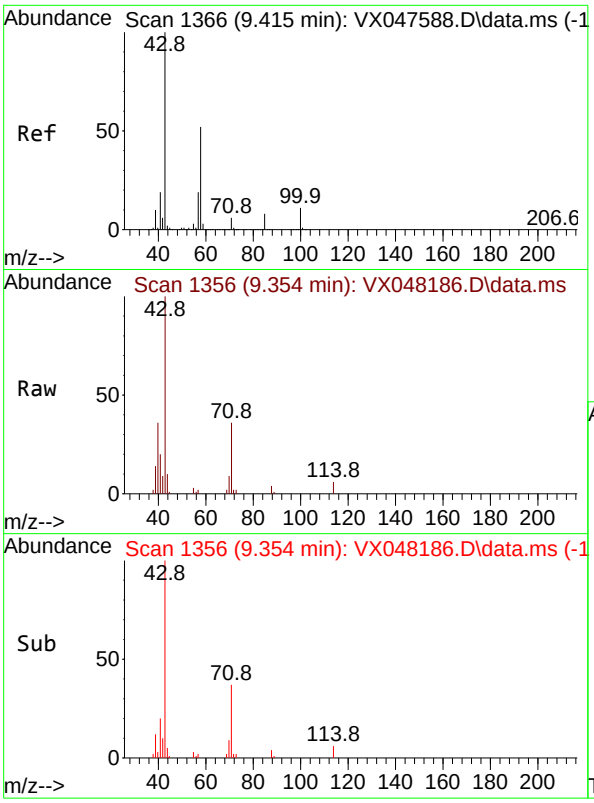


#58
2-Chloroethyl Vinyl ether
Concen: 8.087 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.025 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 63 Resp: 212

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#



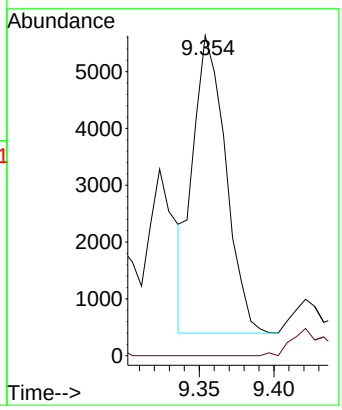


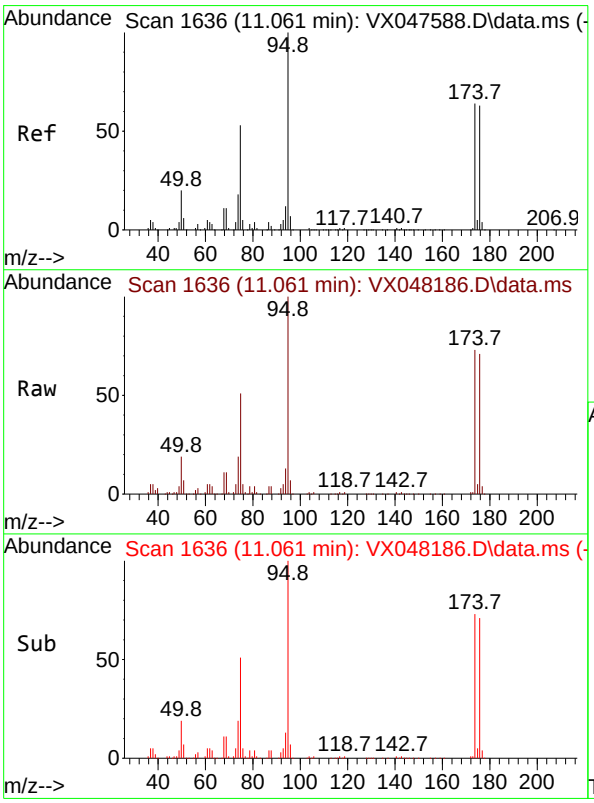
#59
2-Hexanone
Concen: 5.683 ug/l
RT: 9.354 min Scan# 1
Delta R.T. -0.061 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 8032

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.1	78.2#

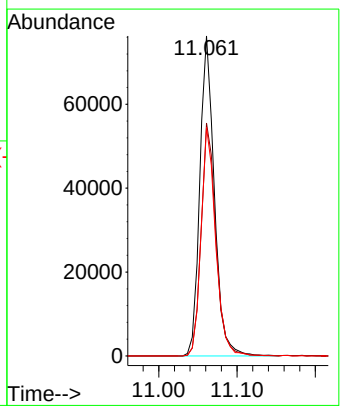


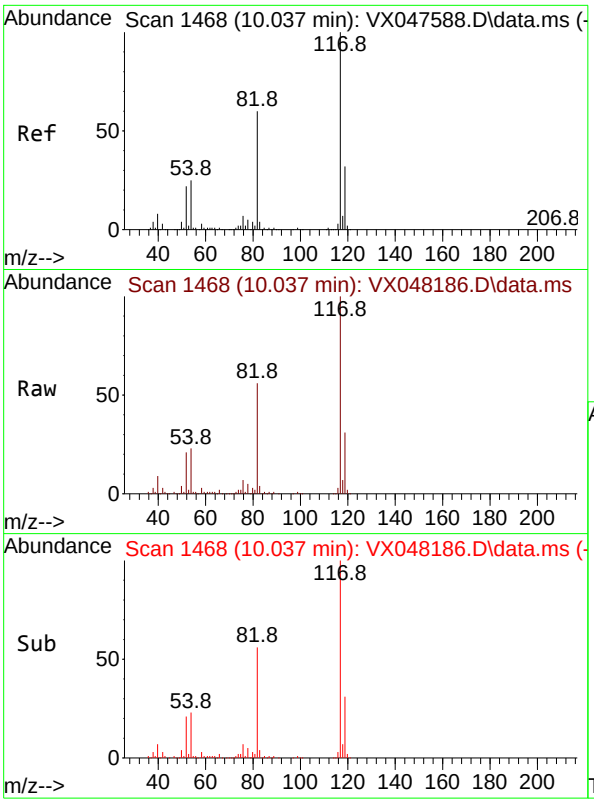


#62
4-Bromofluorobenzene
Concen: 54.125 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 95 Resp: 98318

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	141.6
176	71.6	0.0	138.4



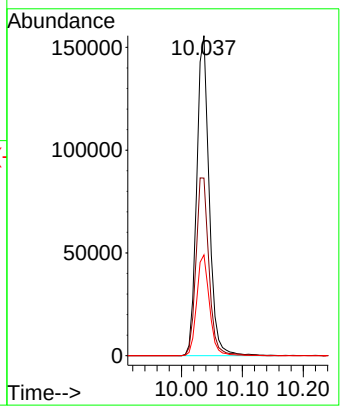


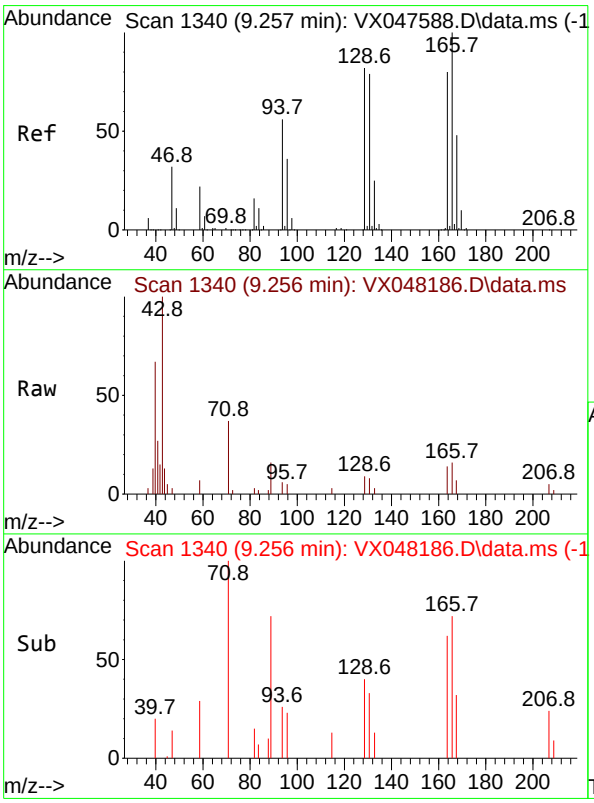
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 220817

Ion	Ratio	Lower	Upper
117	100		
82	55.5	47.8	71.6
119	31.5	25.2	37.8

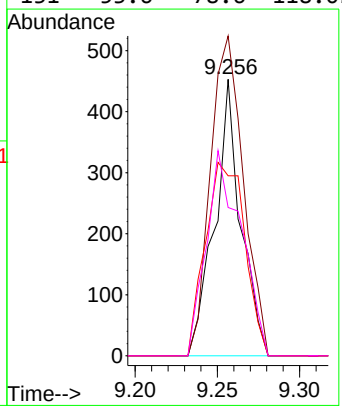


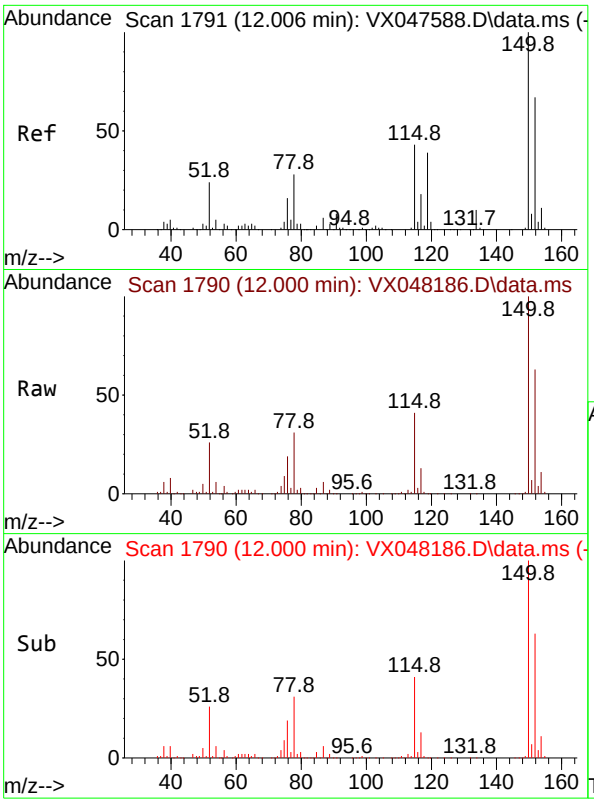


#64
Tetrachloroethene
Concen: 0.347 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion:164 Resp: 499

Ion	Ratio	Lower	Upper
164	100		
166	115.7	100.2	150.2
129	65.1	81.8	122.6#
131	53.6	78.6	118.0#



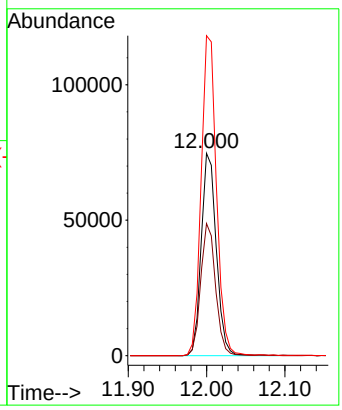


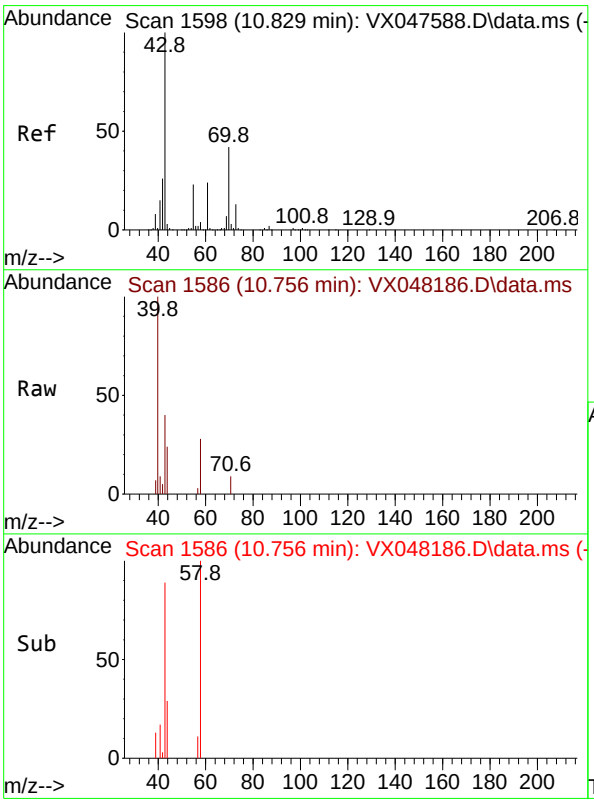
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.000 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 99866

Ion	Ratio	Lower	Upper
152	100		
115	64.3	44.9	134.5
150	160.1	0.0	352.0

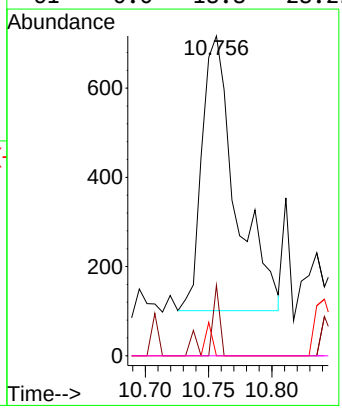


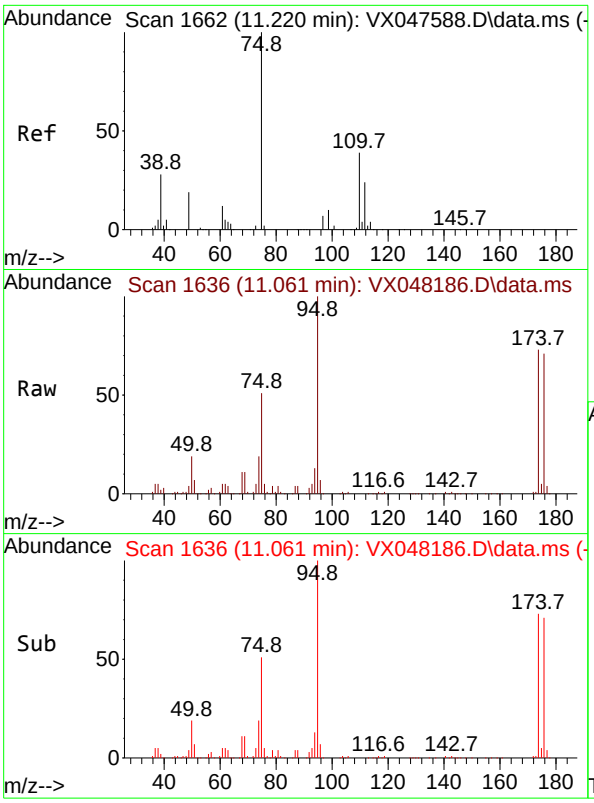


#74
N-amyl acetate
Concen: 0.331 ug/l
RT: 10.756 min Scan# 1586
Delta R.T. -0.073 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 43 Resp: 1146

Ion	Ratio	Lower	Upper
43	100		
70	6.9	32.0	48.0#
55	2.4	18.9	28.3#
61	0.0	18.8	28.2#



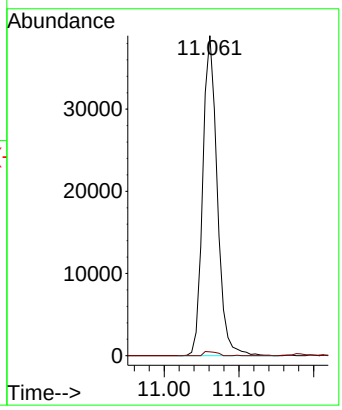


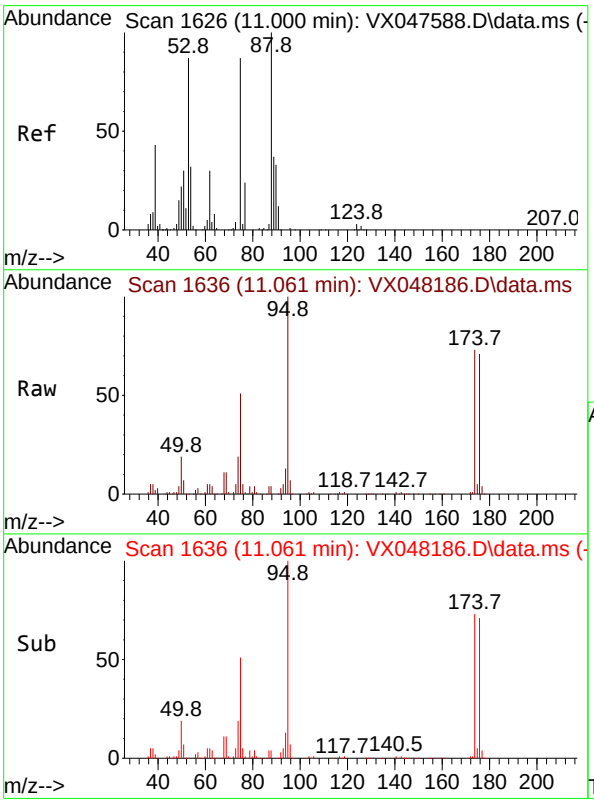
#76
1,2,3-Trichloropropane
Concen: 25.922 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 52413

Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.8	56.4#

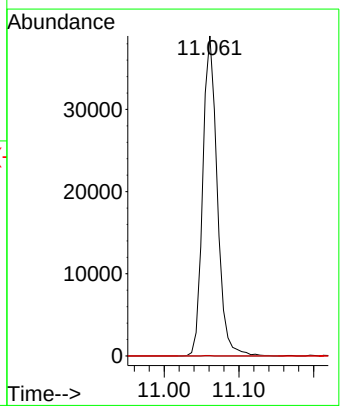


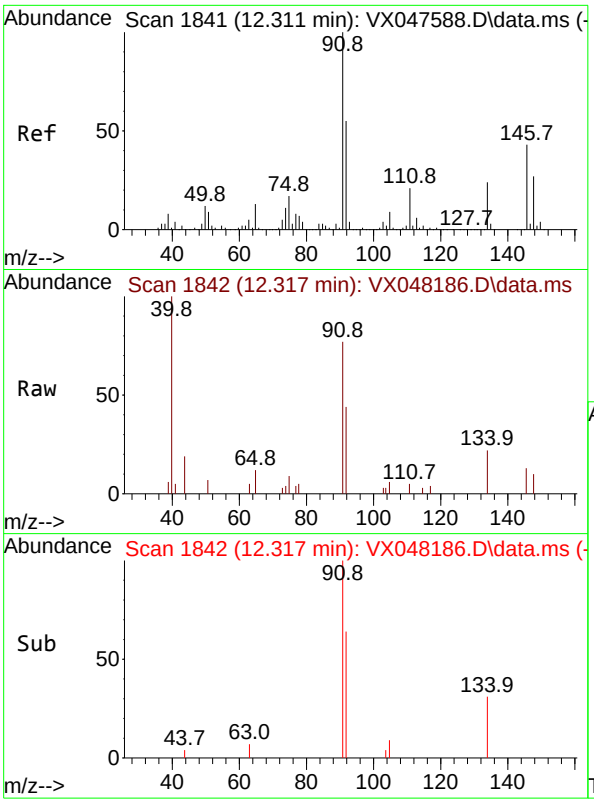


#81
trans-1,4-Dichloro-2-butene
Concen: 66.104 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion: 75 Resp: 52413

Ion	Ratio	Lower	Upper
75	100		
53	0.1	83.4	125.2#
89	0.0	36.3	54.5#



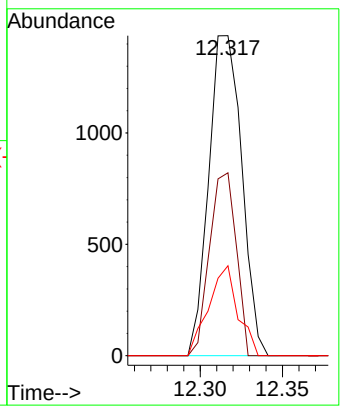


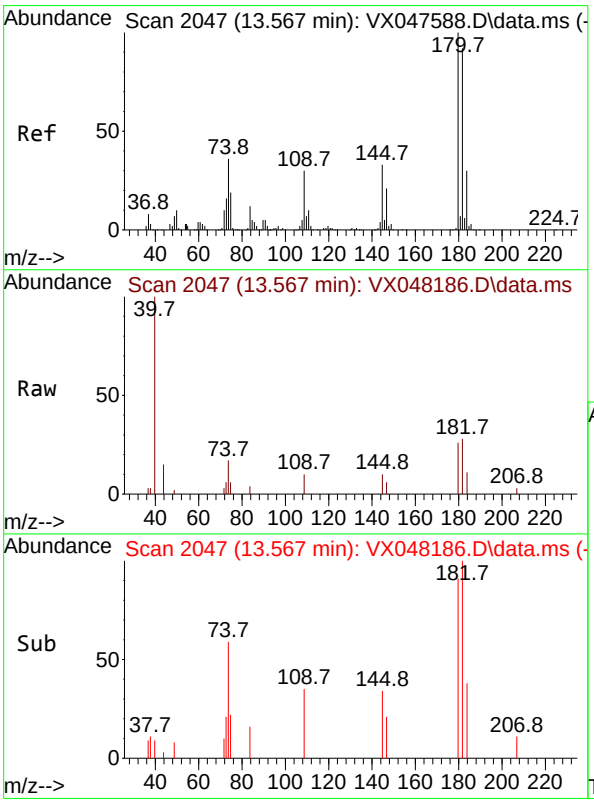
#89
n-Butylbenzene
Concen: 0.338 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 91 Resp: 2006

Ion	Ratio	Lower	Upper
91	100		
92	46.2	27.6	82.7
134	24.9	12.6	37.8

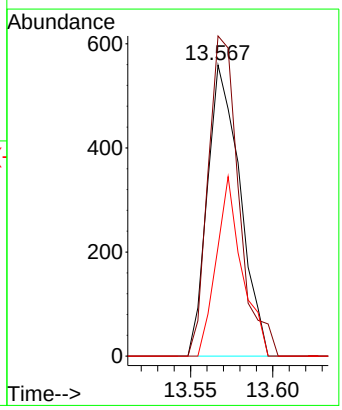


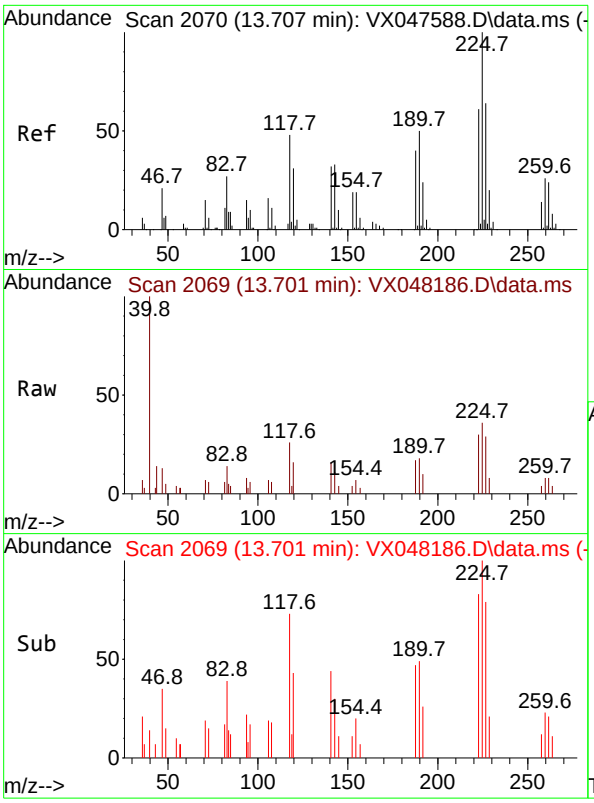


#93
1,2,4-Trichlorobenzene
Concen: 0.357 ug/l
RT: 13.567 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion:180 Resp: 768

Ion	Ratio	Lower	Upper
180	100		
182	104.2	46.6	139.8
145	49.0	16.4	49.1



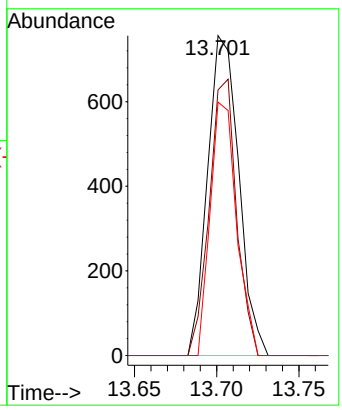


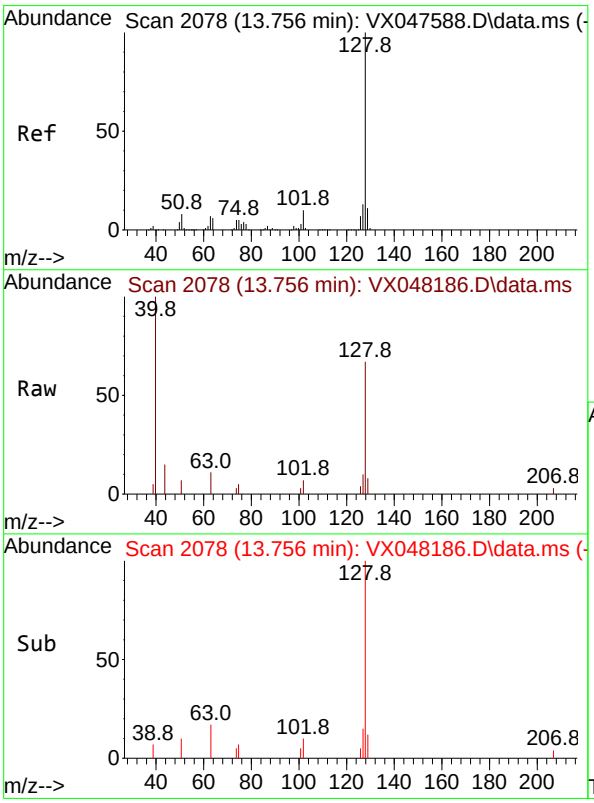
#94
Hexachlorobutadiene
Concen: 1.366 ug/l
RT: 13.701 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:225 Resp: 998

Ion	Ratio	Lower	Upper
225	100		
223	75.6	31.7	95.1
227	67.0	32.0	96.0

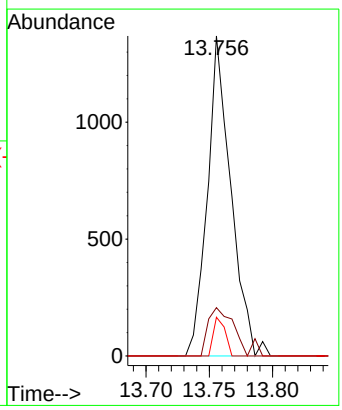


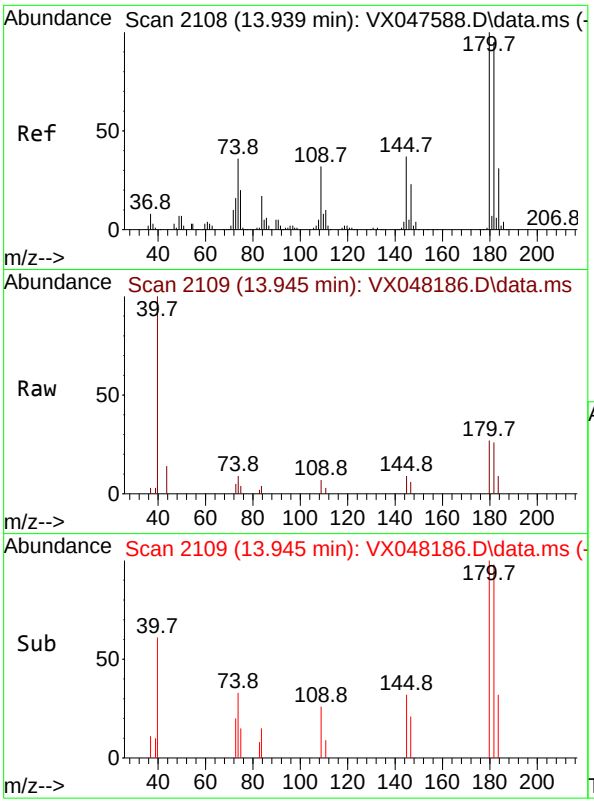


#95
Naphthalene
Concen: 0.271 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Tgt Ion:128 Resp: 1773

Ion	Ratio	Lower	Upper
128	100		
127	17.4	10.2	15.2#
129	6.0	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 0.358 ug/l
RT: 13.945 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048186.D
Acq: 15 Oct 2025 13:34

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:180 Resp: 717

Ion	Ratio	Lower	Upper
180	100		
182	88.0	47.6	142.8
145	37.9	17.9	53.7