Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048238.D
Acq On : 20 Oct 2025 14:56
Operator : JC/MD
Sample : VX1020MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Quant Time: Oct 25 03:39:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	106042	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	205331	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	221684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	115318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	71669	48.204	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 96.400%			
35) Dibromofluoromethane	5.373	113	61889	44.150	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 88.300%			
50) Toluene-d8	8.628	98	213502	43.453	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 86.900%#			
62) 4-Bromofluorobenzene	11.061	95	99862	53.425	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.860%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	305	0.477	ug/l #	68
10) Methyl Iodide	2.459	142	1153	0.801	ug/l #	76
11) Tert butyl alcohol	2.940	59	577	3.909	ug/l #	72
13) Acrolein	2.233	56	62	0.412	ug/l #	7
15) Acrylonitrile	3.068	53	186	0.349	ug/l #	75
16) Acetone	2.386	43	372	0.729	ug/l #	1
17) Carbon Disulfide	2.514	76	2051	0.585	ug/l #	89
18) Methyl Acetate	2.703	43	259	0.243	ug/l #	54
36) 1,1-Dichloropropene	5.531	75	8165	4.098	ug/l #	50
38) Carbon Tetrachloride	5.525	117	11270	4.585	ug/l #	15
39) Methylcyclohexane	7.360	83	517	0.220	ug/l #	72
58) 2-Chloroethyl Vinyl ether	8.238	63	49	1.743	ug/l #	47
64) Tetrachloroethene	9.256	164	503	0.304	ug/l #	88
68) m/p-Xylenes	10.287	106	700	0.222	ug/l	94
76) 1,2,3-Trichloropropane	11.061	75	50125	26.804	ug/l #	33
78) n-propylbenzene	11.286	91	2439	0.250	ug/l	96
80) 1,3,5-Trimethylbenzene	11.439	105	1502	0.215	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.061	75	50125	65.212	ug/l #	10
82) 4-Chlorotoluene	11.439	91	1544	0.220	ug/l	86
83) tert-Butylbenzene	11.701	119	1697	0.237	ug/l	92
84) 1,2,4-Trimethylbenzene	11.738	105	1537	0.221	ug/l	93
85) sec-Butylbenzene	11.872	105	3576	0.415	ug/l	95
86) p-Isopropyltoluene	11.988	119	3283	0.441	ug/l	90
87) 1,3-Dichlorobenzene	11.957	146	1294	0.325	ug/l	94
88) 1,4-Dichlorobenzene	11.957	146	1294	0.314	ug/l	94
89) n-Butylbenzene	12.317	91	4759	0.702	ug/l	97
90) Hexachloroethane	12.524	117	678	0.461	ug/l	86
91) 1,2-Dichlorobenzene	12.323	146	804	0.215	ug/l	92
93) 1,2,4-Trichlorobenzene	13.573	180	2365	0.936	ug/l	98
94) Hexachlorobutadiene	13.707	225	2715	2.929	ug/l	91
95) Naphthalene	13.762	128	4518	0.675	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.945	180	2347	1.012	ug/l	96

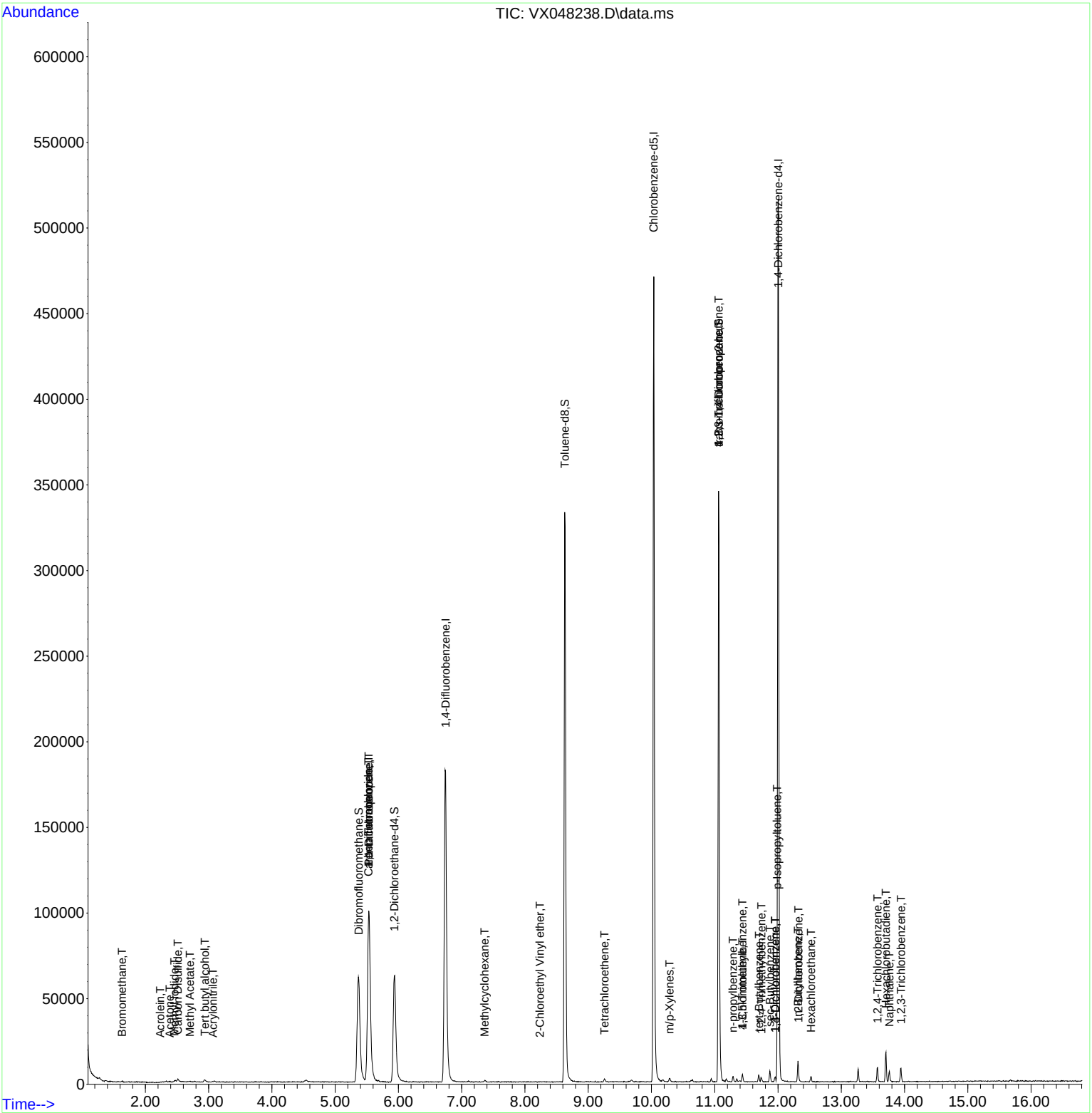
(#) = qualifier out of range (m) = manual integration (+) = signals summed

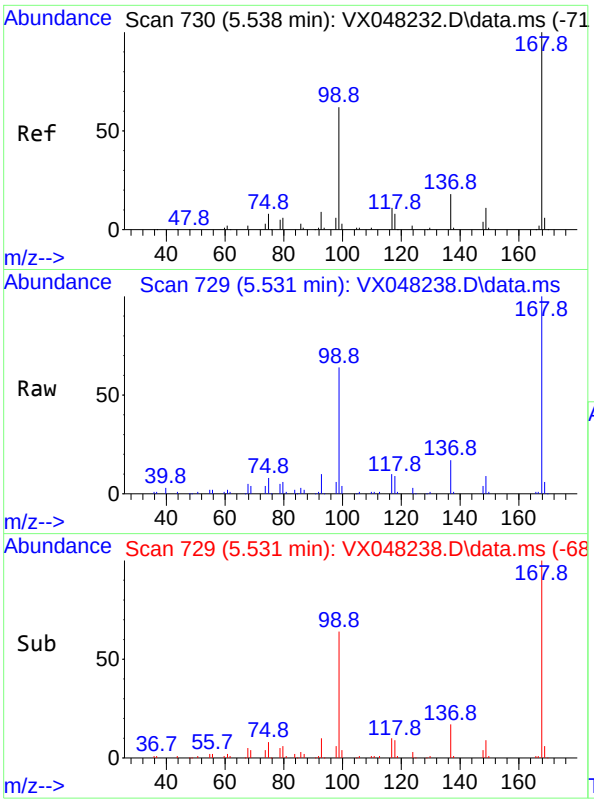
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102025\
Data File : VX048238.D
Acq On : 20 Oct 2025 14:56
Operator : JC/MD
Sample : VX1020MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Quant Time: Oct 25 03:39:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration



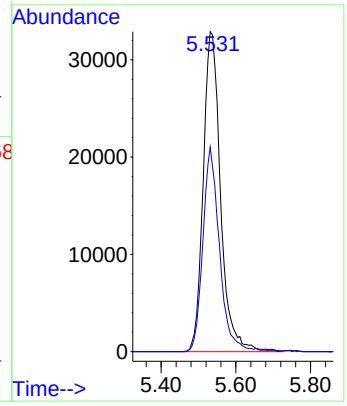


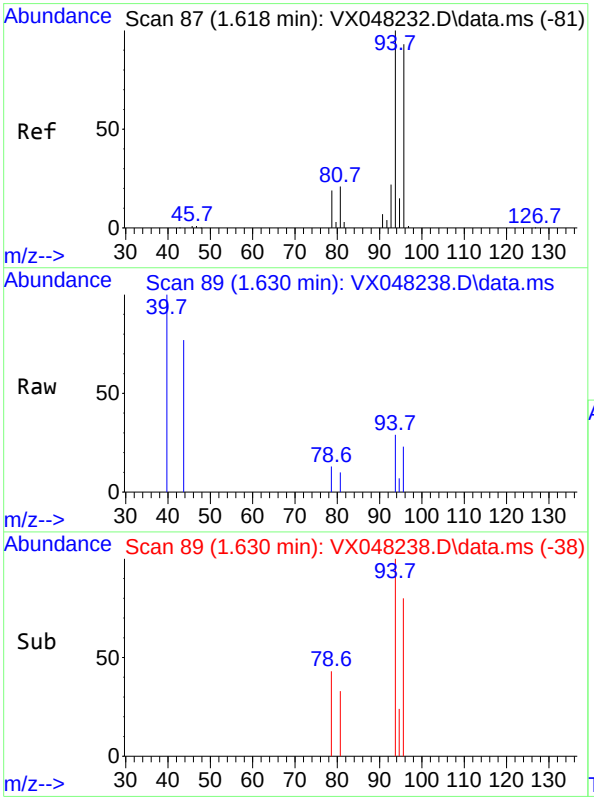
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:168 Resp: 106042

Ion	Ratio	Lower	Upper
168	100		
99	64.0	46.4	69.6

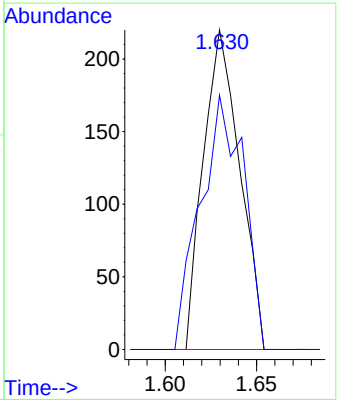


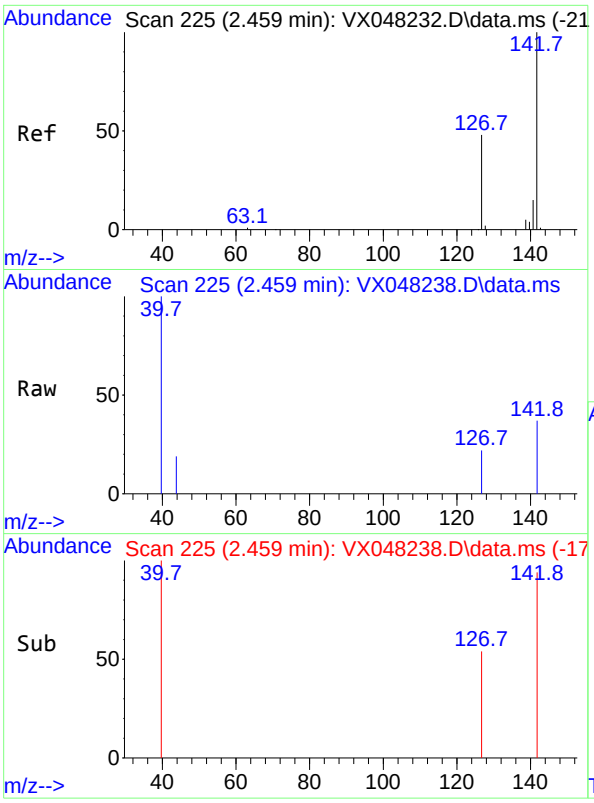


#5
Bromomethane
Concen: 0.477 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion: 94 Resp: 305

Ion	Ratio	Lower	Upper
94	100		
96	64.1	76.0	114.0#



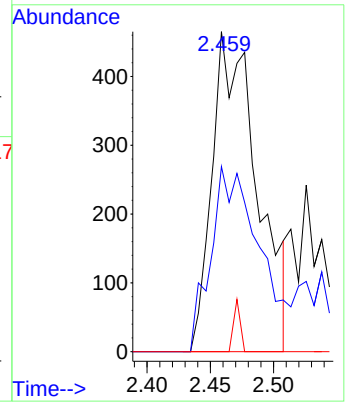


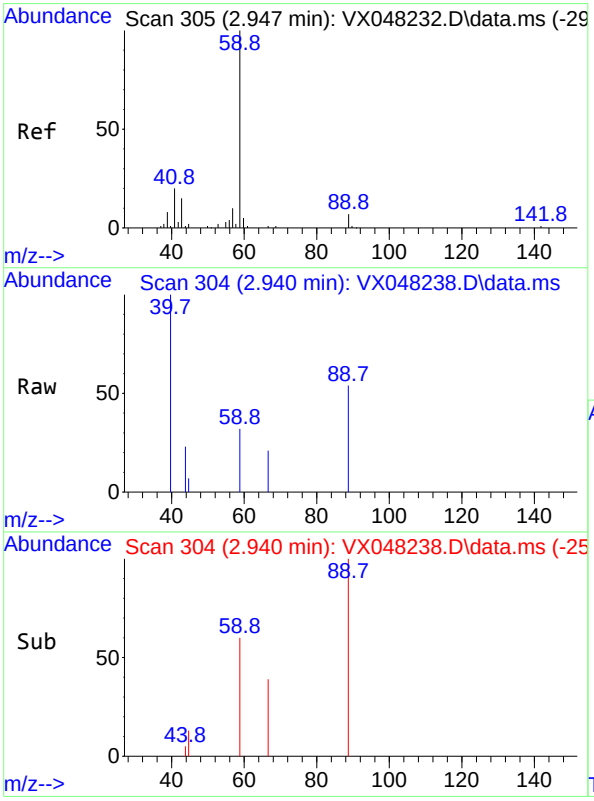
#10
Methyl Iodide
Concen: 0.801 ug/l
RT: 2.459 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:142 Resp: 1153

Ion	Ratio	Lower	Upper
142	100		
127	62.8	38.5	57.7#
141	2.4	11.6	17.4#

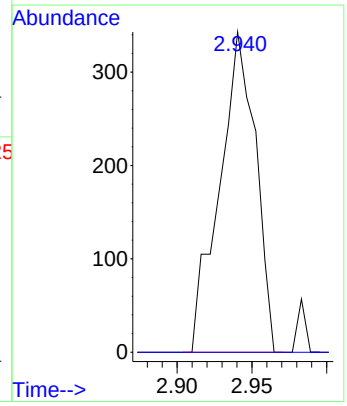


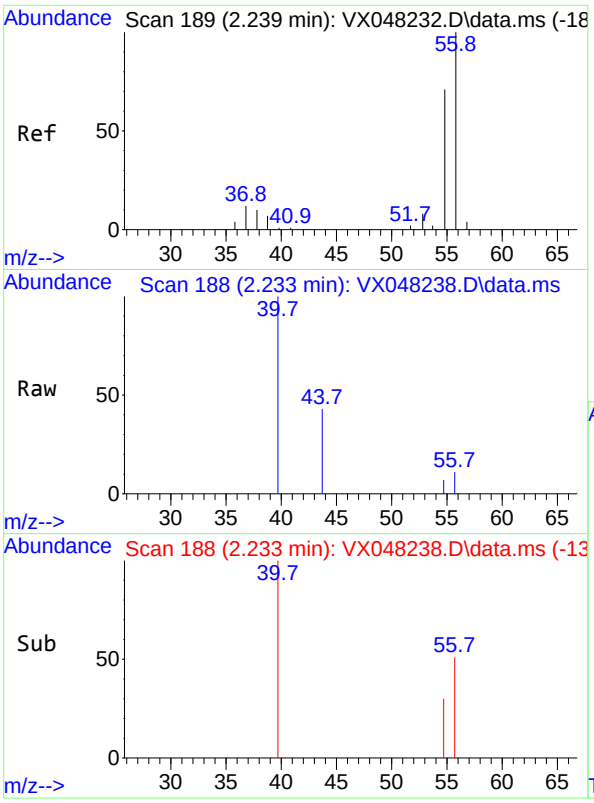


#11
Tert butyl alcohol
Concen: 3.909 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion: 59 Resp: 577

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



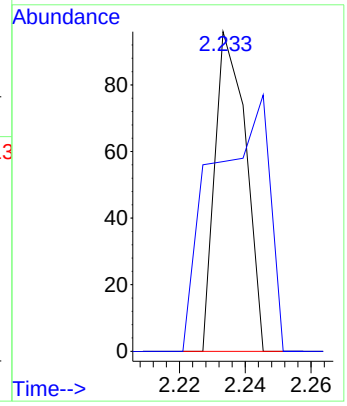


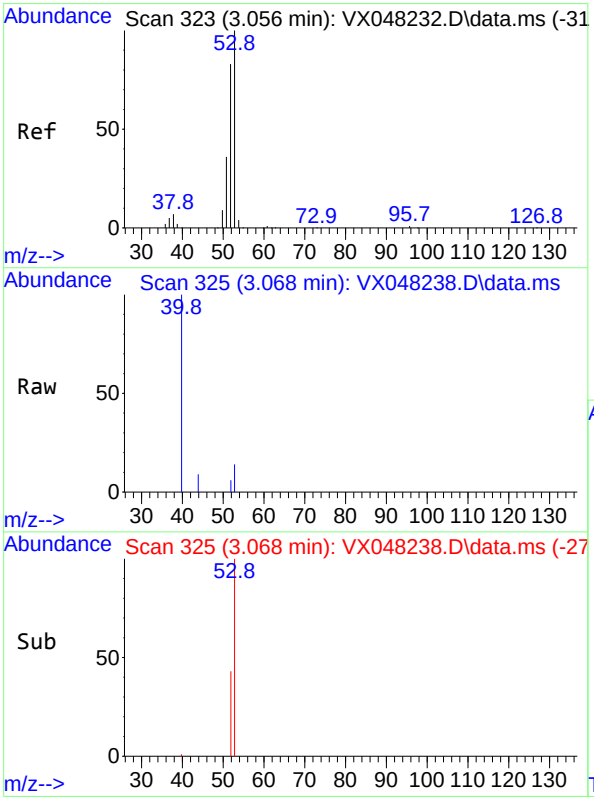
#13
Acrolein
Concen: 0.412 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion: 56 Resp: 62

Ion	Ratio	Lower	Upper
56	100		
55	146.8	56.1	84.1#

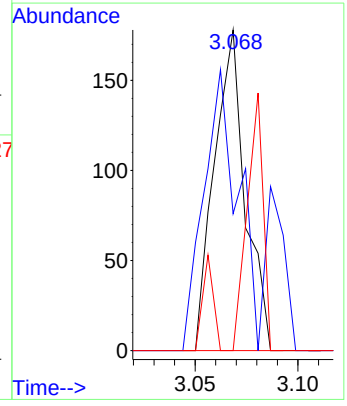


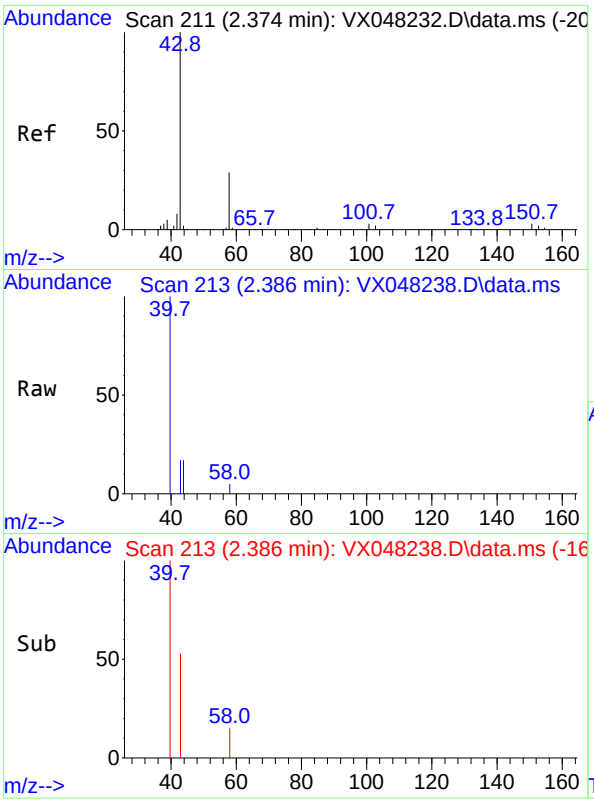


#15
Acrylonitrile
Concen: 0.349 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.012 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion: 53 Resp: 186

Ion	Ratio	Lower	Upper
53	100		
52	97.3	66.1	99.1
51	10.2	29.0	43.4#



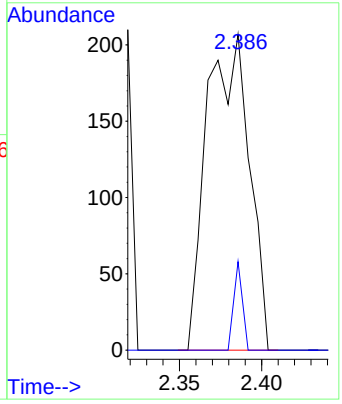


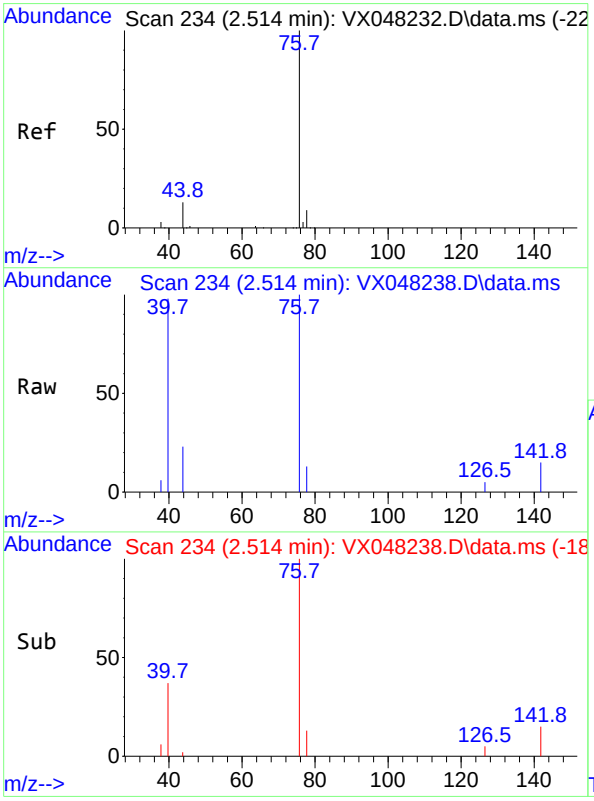
#16
Acetone
Concen: 0.729 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion: 43 Resp: 372

Ion	Ratio	Lower	Upper
43	100		
58	156.8	23.4	35.2#

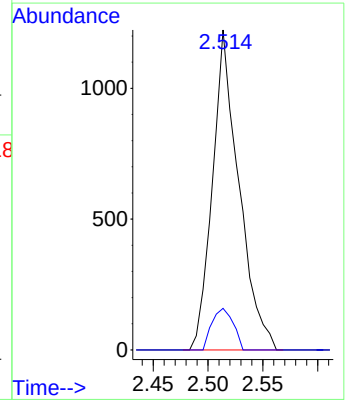


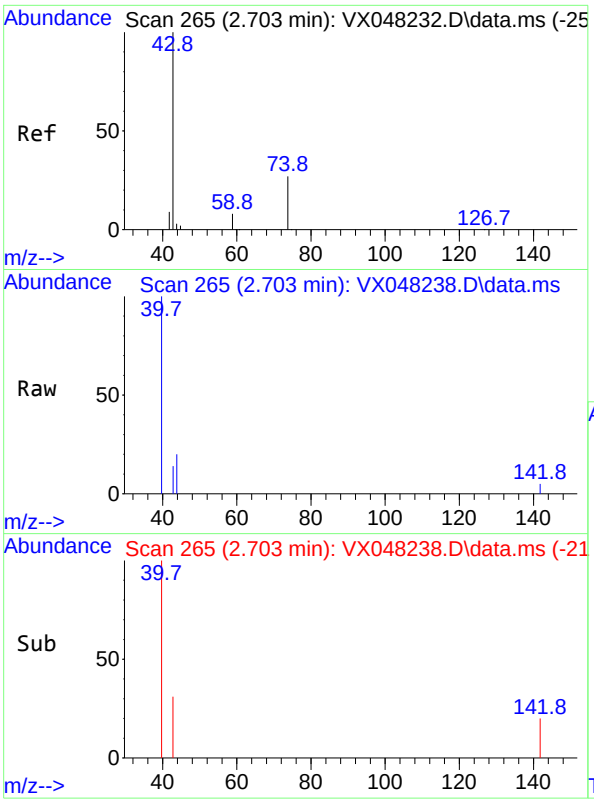


#17
Carbon Disulfide
Concen: 0.585 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion: 76 Resp: 2051

Ion	Ratio	Lower	Upper
76	100		
78	13.0	7.1	10.7#



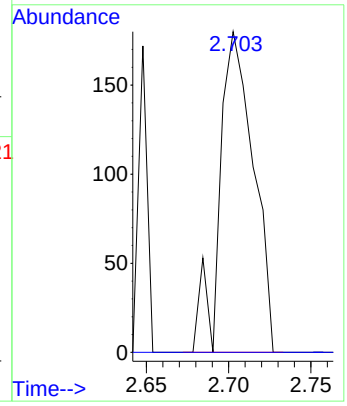


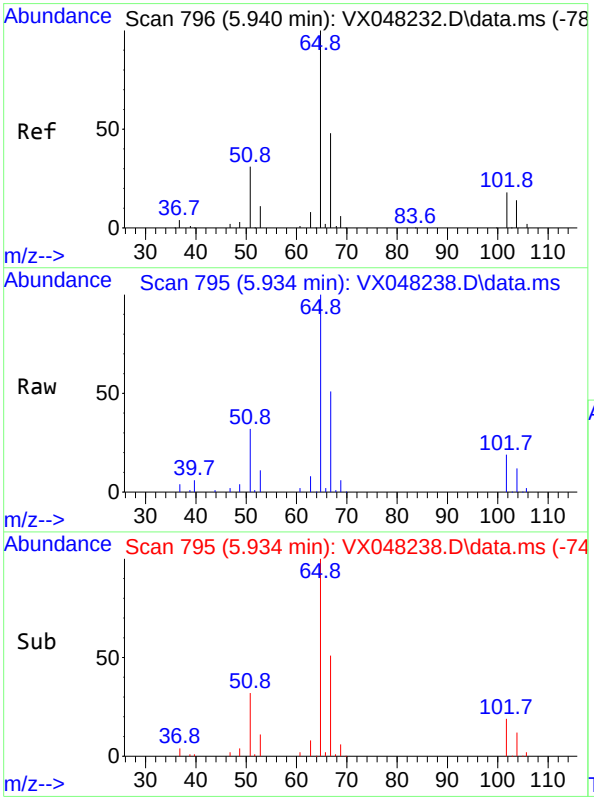
#18
Methyl Acetate
Concen: 0.243 ug/l
RT: 2.703 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion: 43 Resp: 259

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.5	26.3#

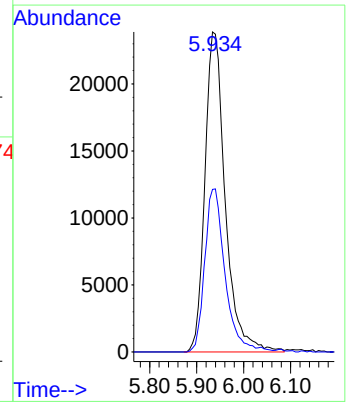


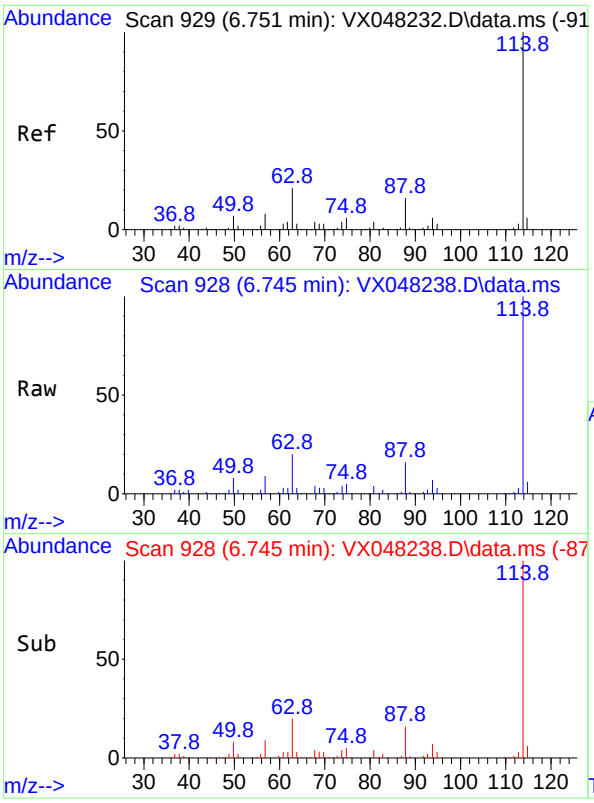


#33
1,2-Dichloroethane-d4
Concen: 48.204 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion: 65 Resp: 71669

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.0



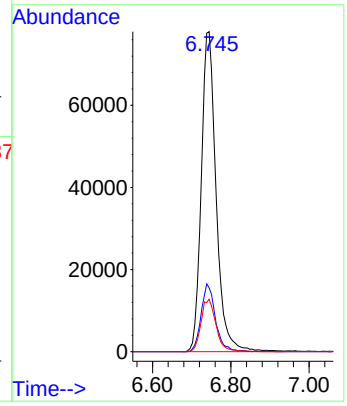


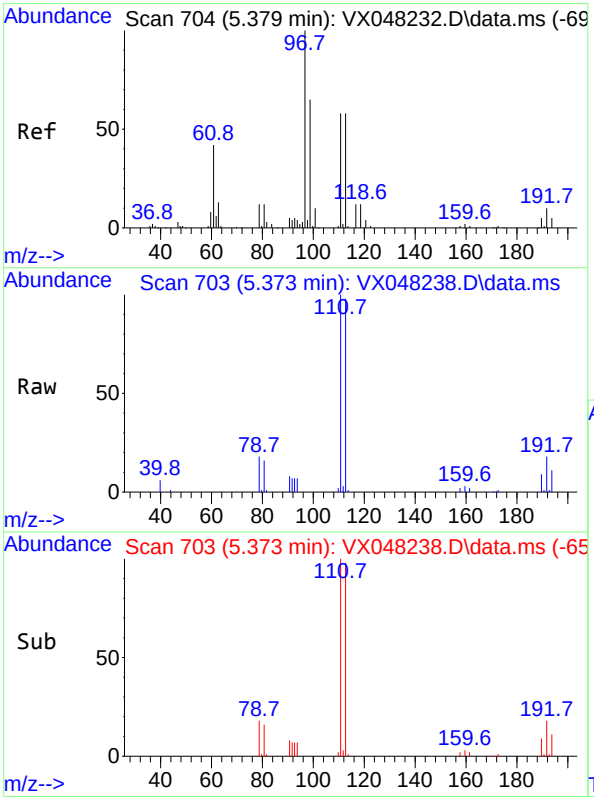
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:114 Resp: 205331

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	43.2
88	16.4	0.0	33.6

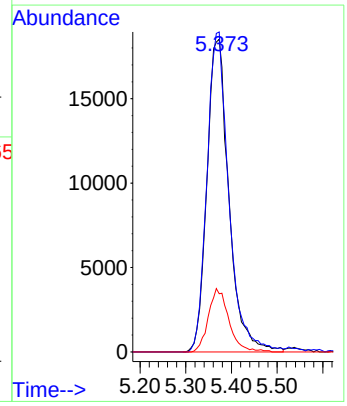


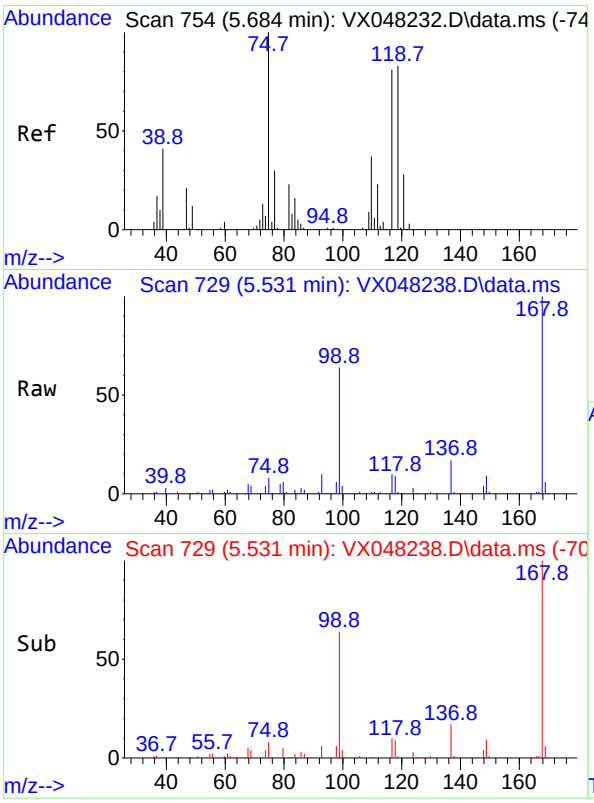


#35
Dibromofluoromethane
Concen: 44.150 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion:113 Resp: 61889

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	19.0	15.1	22.7



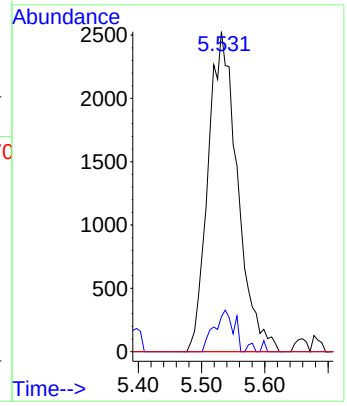


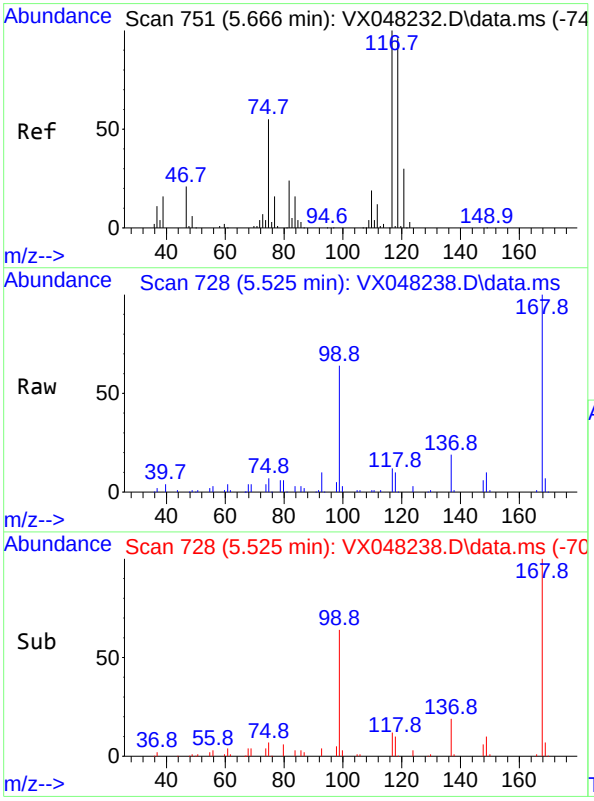
#36
1,1-Dichloropropene
Concen: 4.098 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.153 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion: 75 Resp: 8165

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.7	53.1#
77	0.0	24.3	36.5#

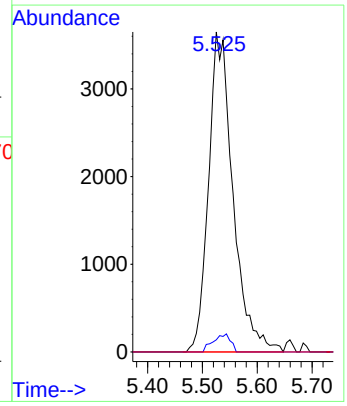


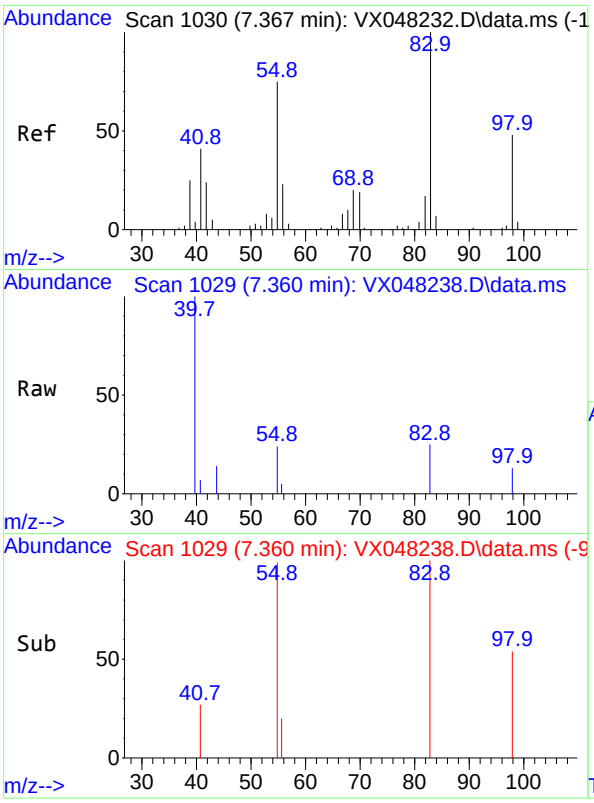


#38
Carbon Tetrachloride
Concen: 4.585 ug/l
RT: 5.525 min Scan# 728
Delta R.T. -0.140 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion:117 Resp: 11270

Ion	Ratio	Lower	Upper
117	100		
119	3.8	77.2	115.8#
121	0.0	24.8	37.2#



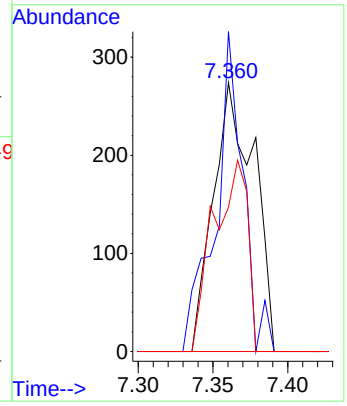


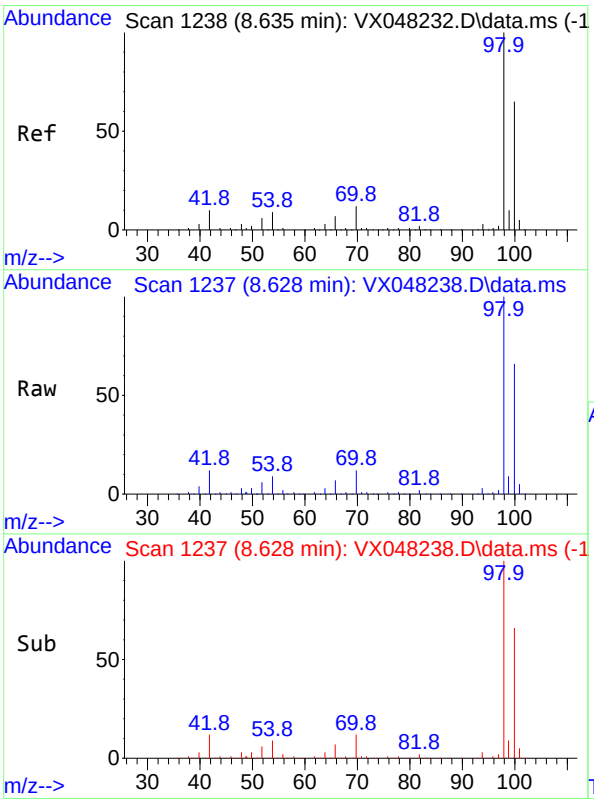
#39
Methylcyclohexane
Concen: 0.220 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion: 83 Resp: 517

Ion	Ratio	Lower	Upper
83	100		
55	119.0	66.2	99.2#
98	53.6	38.9	58.3

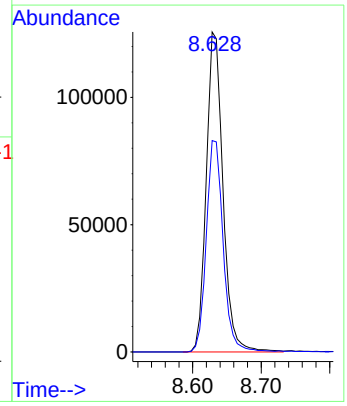


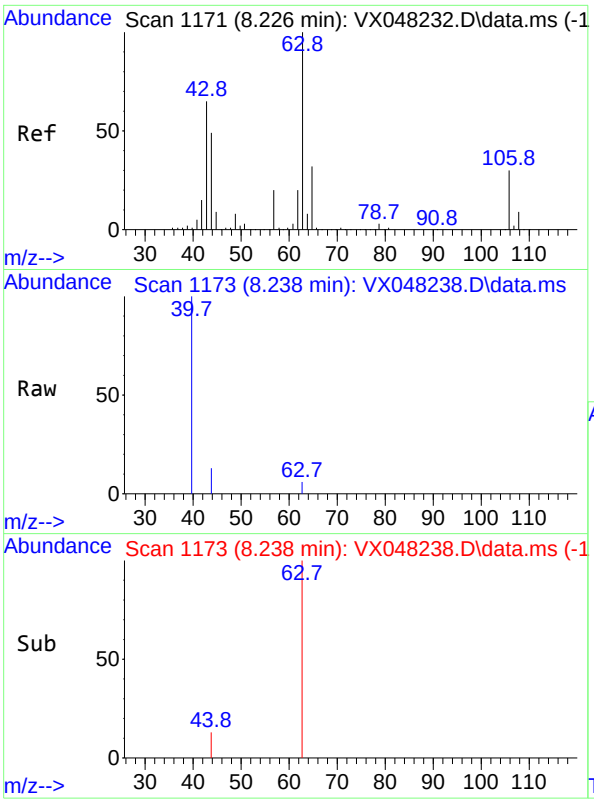


#50
Toluene-d8
Concen: 43.453 ug/l
RT: 8.628 min Scan# 1237
Delta R.T. -0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion: 98 Resp: 213502

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.0	79.4



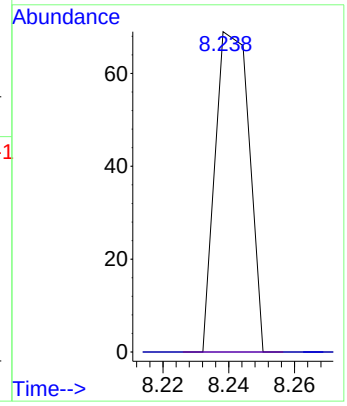


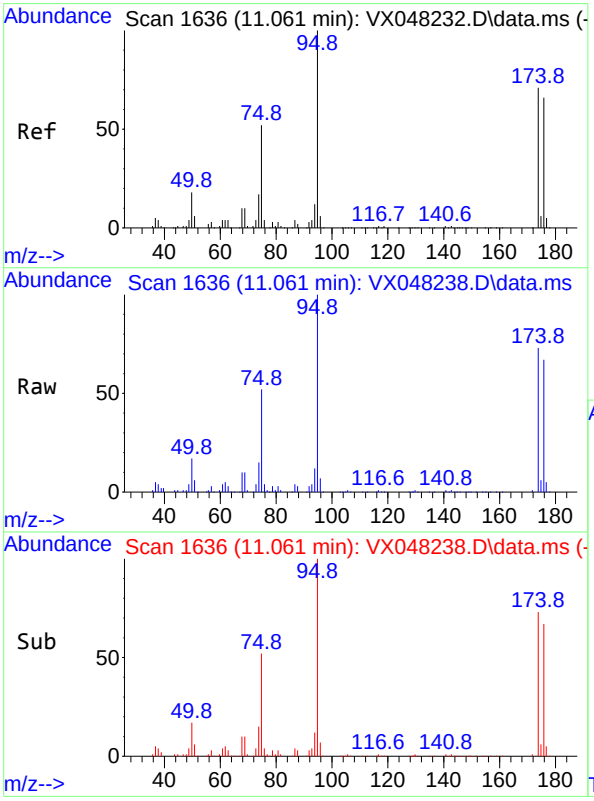
#58
2-Chloroethyl Vinyl ether
Concen: 1.743 ug/l
RT: 8.238 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion: 63 Resp: 49

Ion	Ratio	Lower	Upper
63	100		
106	0.0	22.2	33.2#

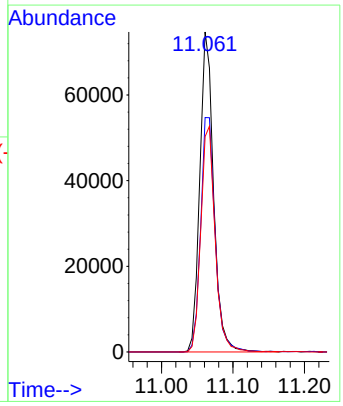


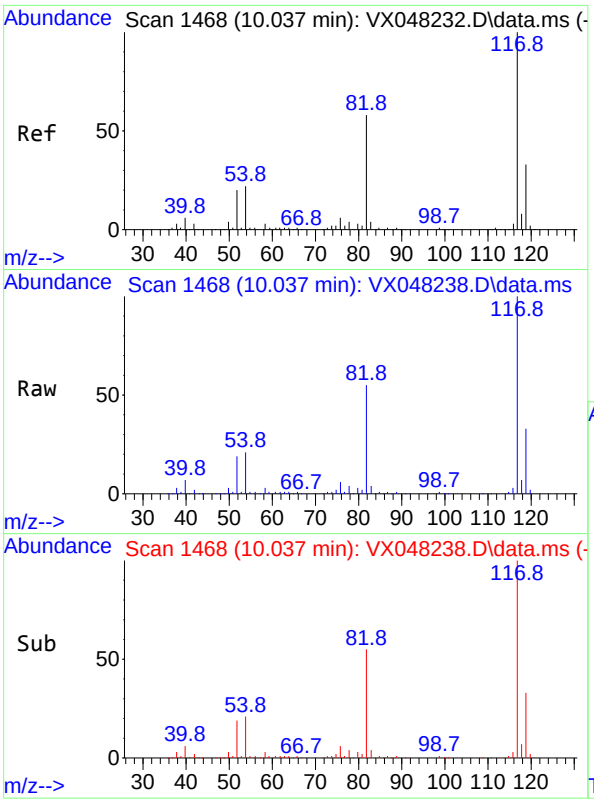


#62
4-Bromofluorobenzene
Concen: 53.425 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion: 95 Resp: 99862

Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	147.8
176	73.3	0.0	142.8



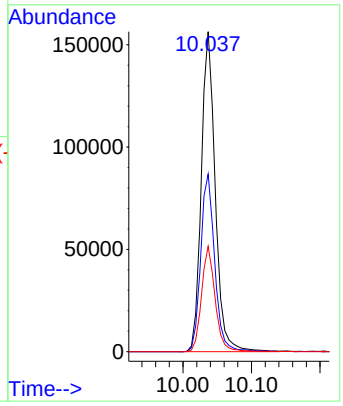


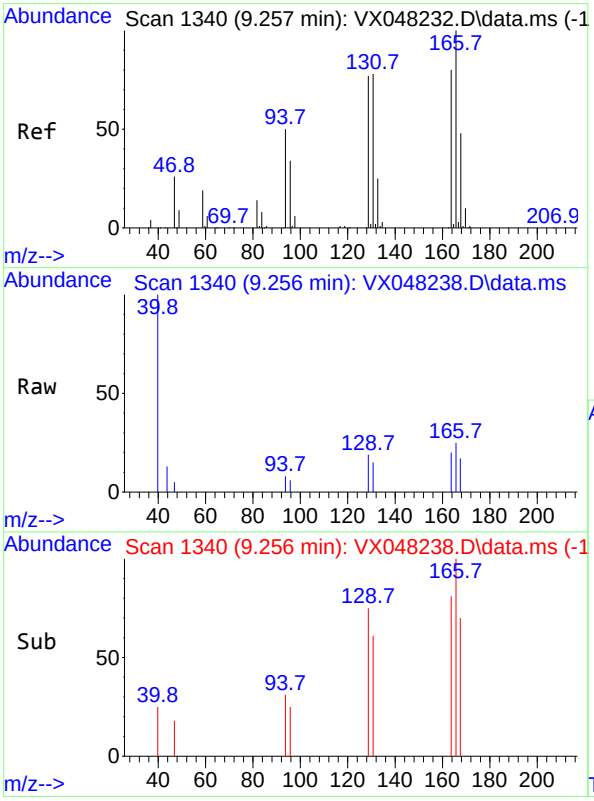
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:117 Resp: 221684

Ion	Ratio	Lower	Upper
117	100		
82	55.5	46.5	69.7
119	32.9	25.9	38.9

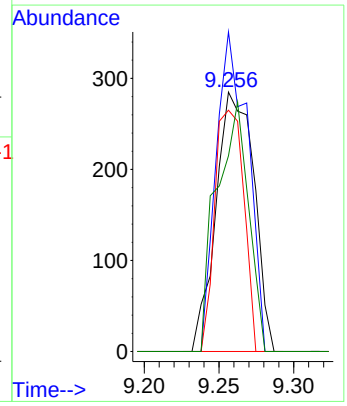


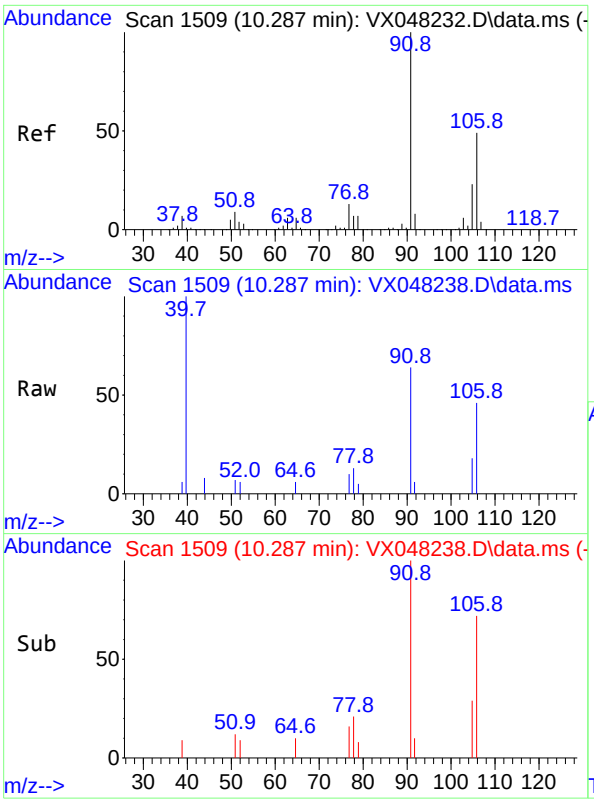


#64
Tetrachloroethene
Concen: 0.304 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion:164 Resp: 503

Ion	Ratio	Lower	Upper
164	100		
166	123.2	104.5	156.7
129	93.0	81.8	122.6
131	75.4	77.0	115.6#



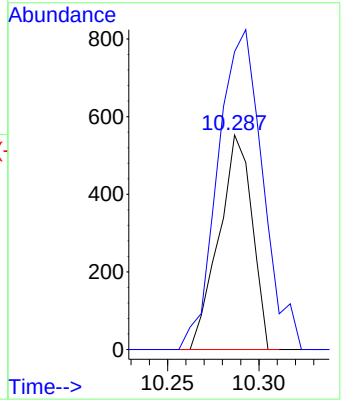


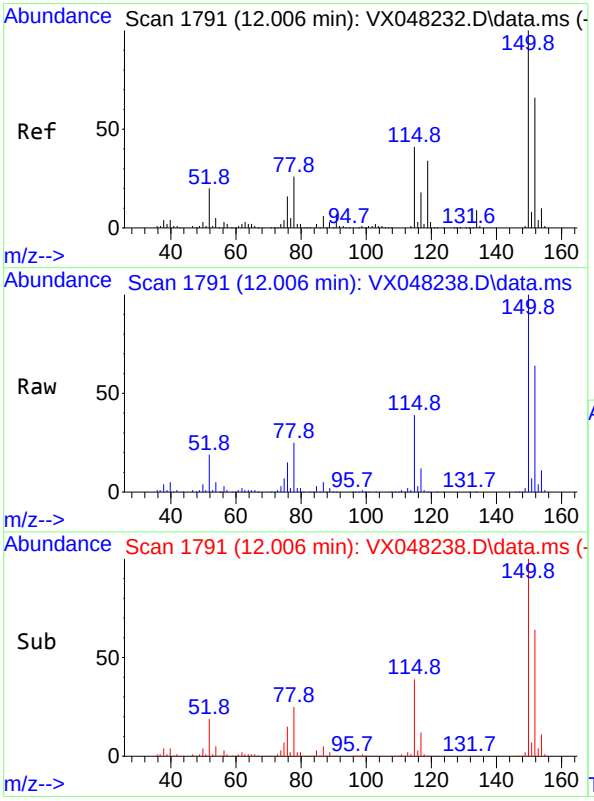
#68
m/p-Xylenes
Concen: 0.222 ug/l
RT: 10.287 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:106 Resp: 700

Ion	Ratio	Lower	Upper
106	100		
91	200.9	167.9	251.9

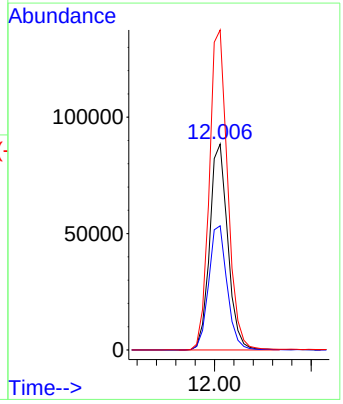


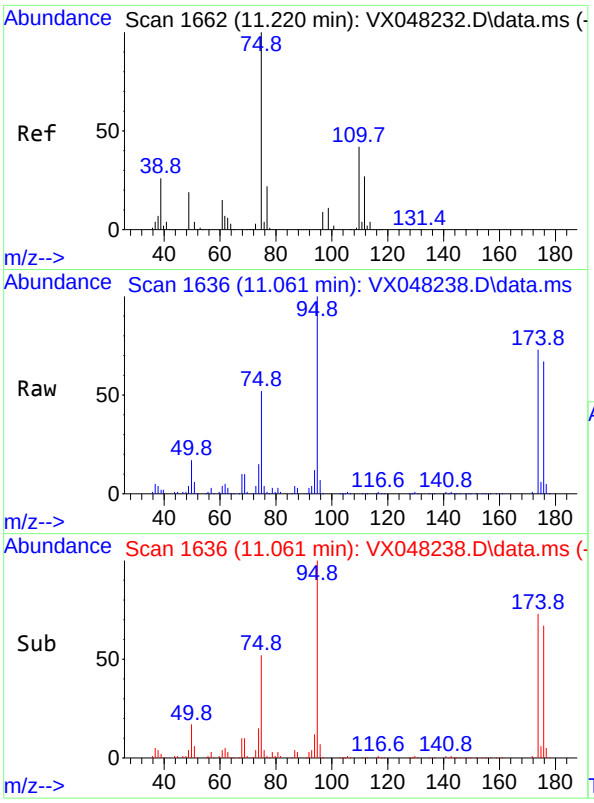


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion:152 Resp: 115318

Ion	Ratio	Lower	Upper
152	100		
115	61.6	43.1	129.4
150	157.5	0.0	353.0



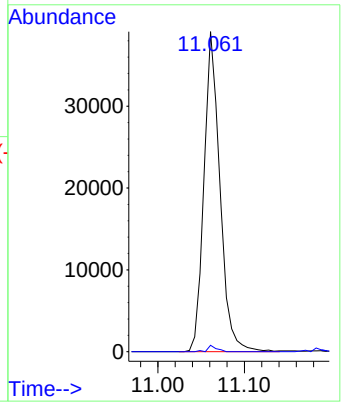


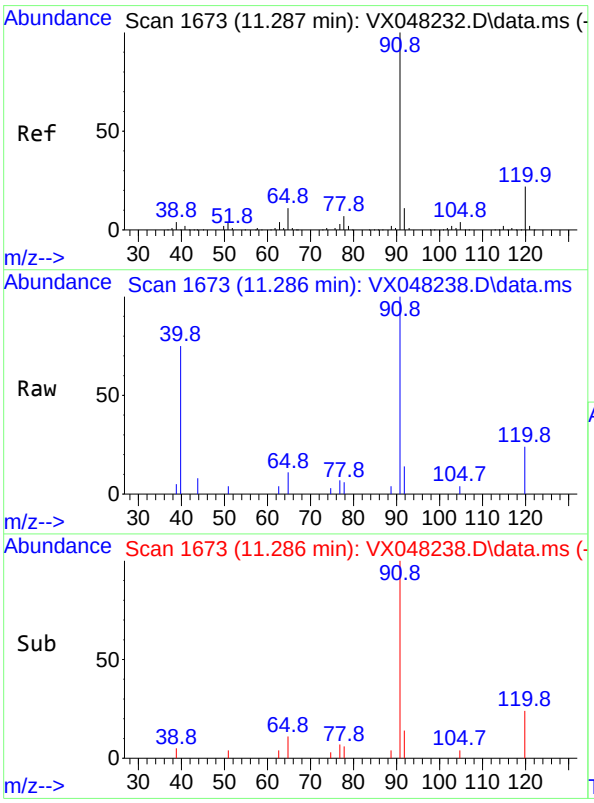
#76
1,2,3-Trichloropropane
Concen: 26.804 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion: 75 Resp: 50125

Ion	Ratio	Lower	Upper
75	100		
77	1.1	22.4	67.2#

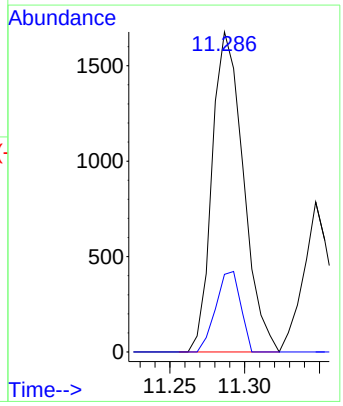


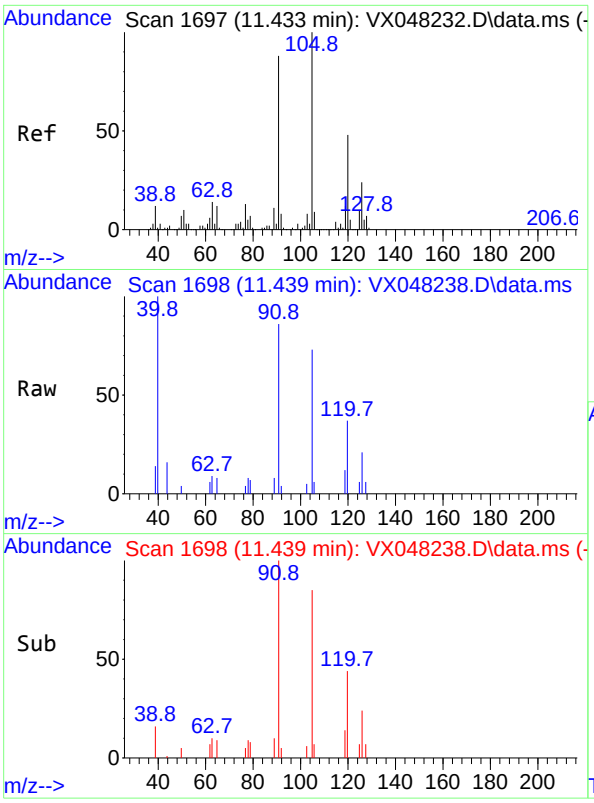


#78
n-propylbenzene
Concen: 0.250 ug/l
RT: 11.286 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion: 91 Resp: 2439

Ion	Ratio	Lower	Upper
91	100		
120	20.0	11.1	33.1



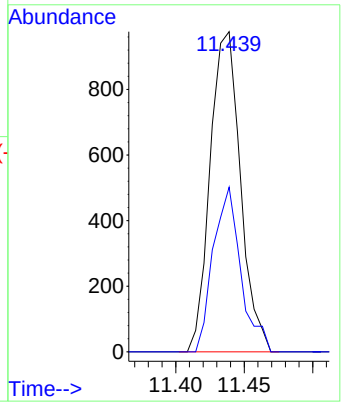


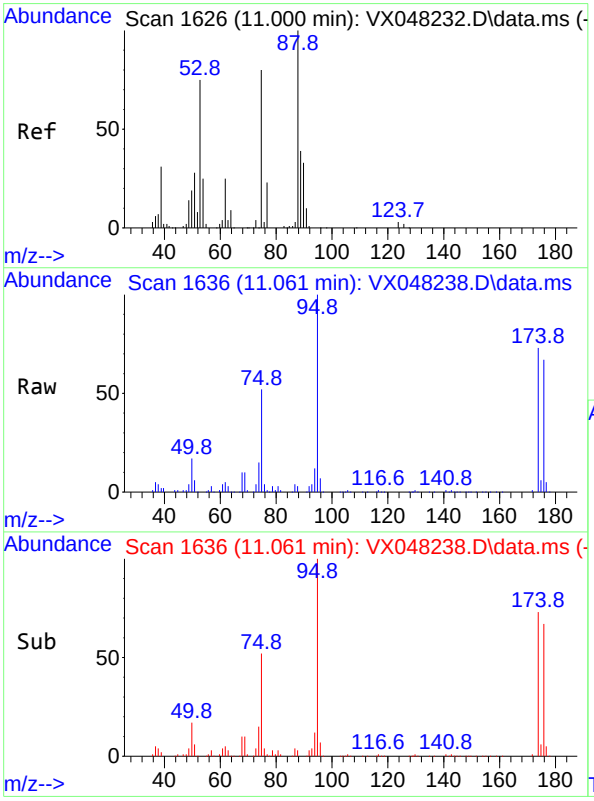
#80
1,3,5-Trimethylbenzene
Concen: 0.215 ug/l
RT: 11.439 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:105 Resp: 1502

Ion	Ratio	Lower	Upper
105	100		
120	46.7	24.0	72.0

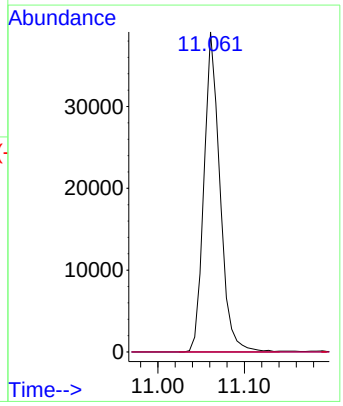


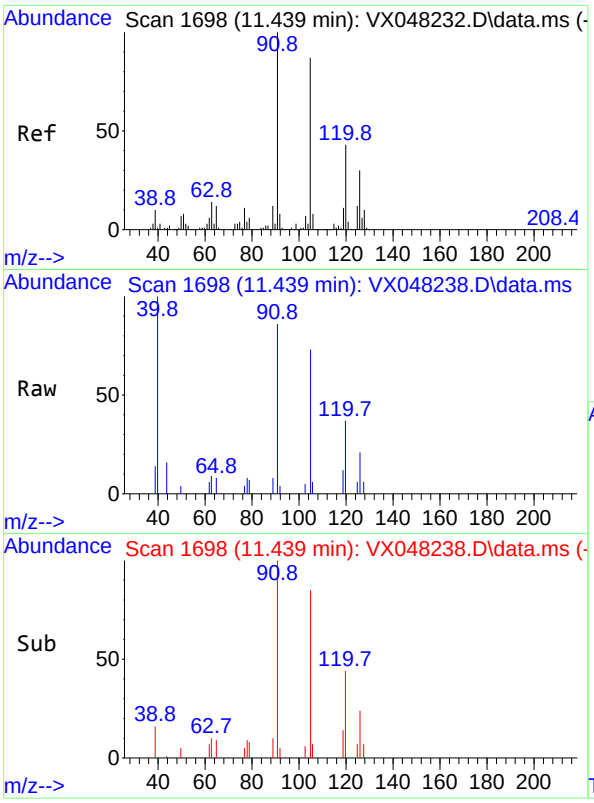


#81
trans-1,4-Dichloro-2-butene
Concen: 65.212 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.061 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion: 75 Resp: 50125

Ion	Ratio	Lower	Upper
75	100		
53	0.0	79.5	119.3#
89	0.0	36.8	55.2#



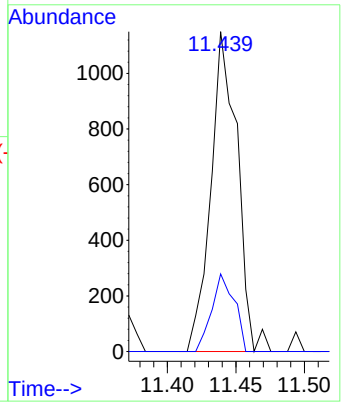


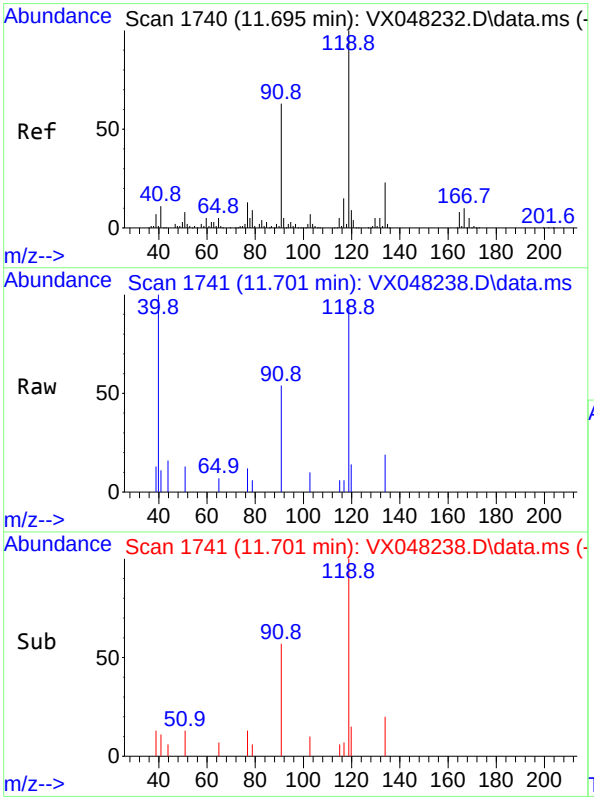
#82
4-Chlorotoluene
Concen: 0.220 ug/l
RT: 11.439 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion: 91 Resp: 1544

Ion	Ratio	Lower	Upper
91	100		
126	20.8	14.1	42.4

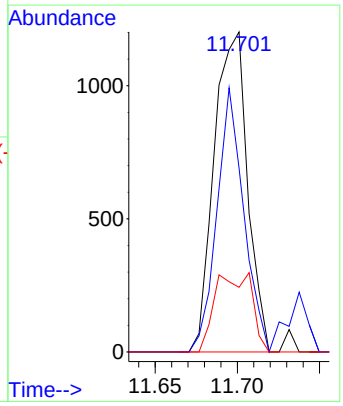


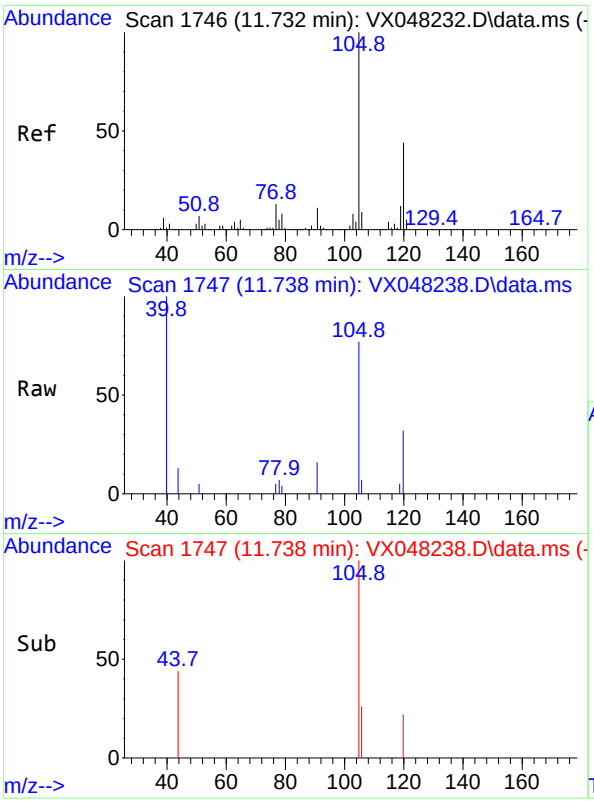


#83
tert-Butylbenzene
Concen: 0.237 ug/l
RT: 11.701 min Scan# 1741
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion:119 Resp: 1697

Ion	Ratio	Lower	Upper
119	100		
91	66.5	30.3	91.0
134	27.2	11.4	34.2



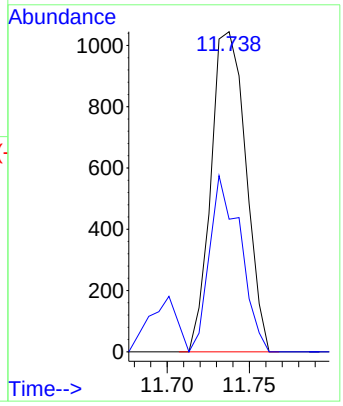


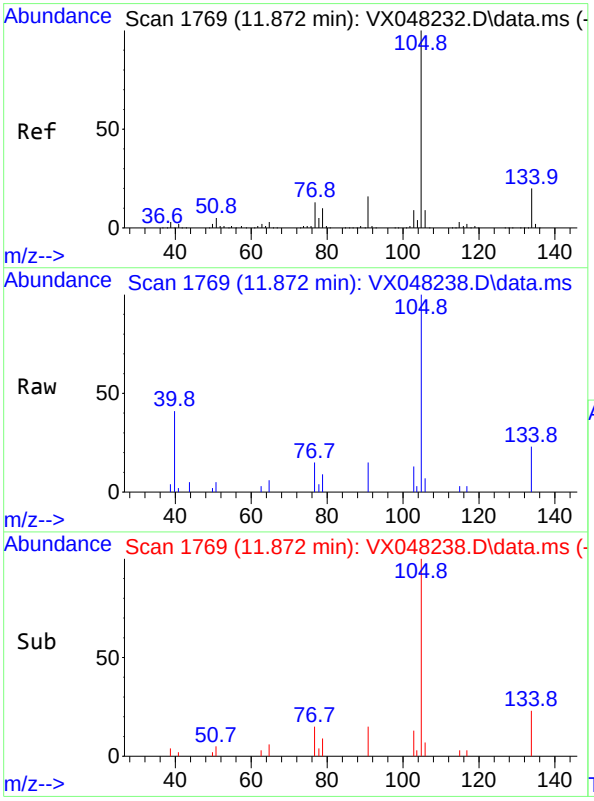
#84
1,2,4-Trimethylbenzene
Concen: 0.221 ug/l
RT: 11.738 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:105 Resp: 1537

Ion	Ratio	Lower	Upper
105	100		
120	48.9	22.1	66.5

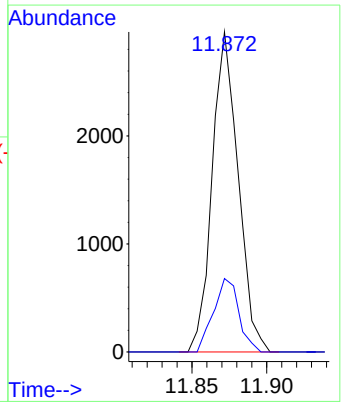


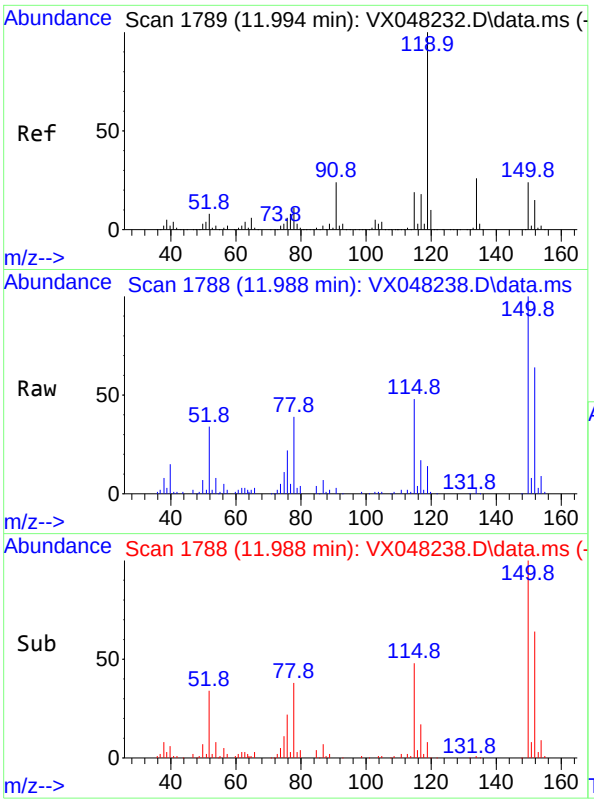


#85
sec-Butylbenzene
Concen: 0.415 ug/l
RT: 11.872 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion:105 Resp: 3576

Ion	Ratio	Lower	Upper
105	100		
134	22.3	10.1	30.1



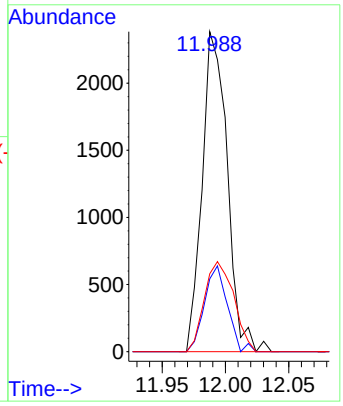


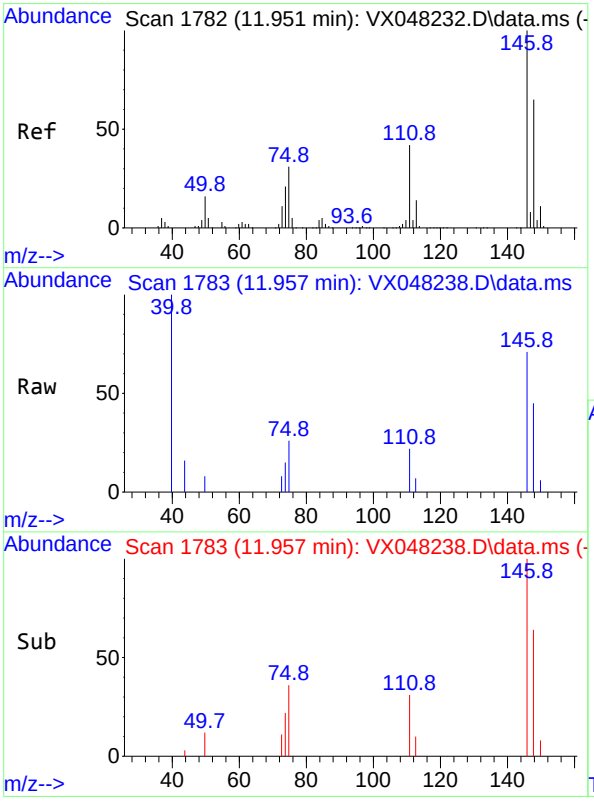
#86
p-Isopropyltoluene
Concen: 0.441 ug/l
RT: 11.988 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:119 Resp: 3283

Ion	Ratio	Lower	Upper
119	100		
134	24.6	13.0	39.0
91	33.0	12.1	36.3

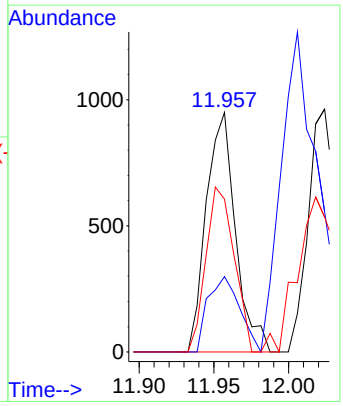


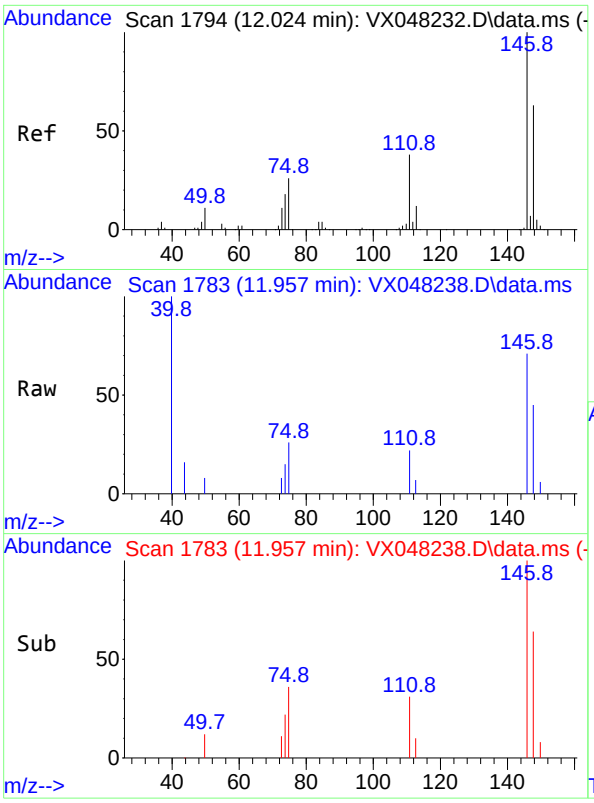


#87
1,3-Dichlorobenzene
Concen: 0.325 ug/l
RT: 11.957 min Scan# 1783
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion:146 Resp: 1294

Ion	Ratio	Lower	Upper
146	100		
111	34.0	20.4	61.2
148	66.5	31.9	95.9



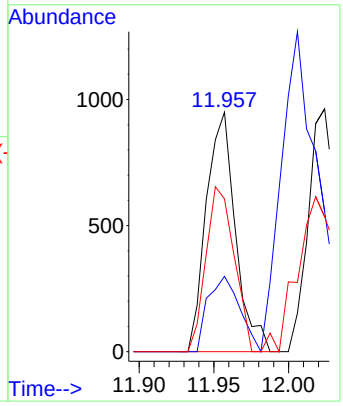


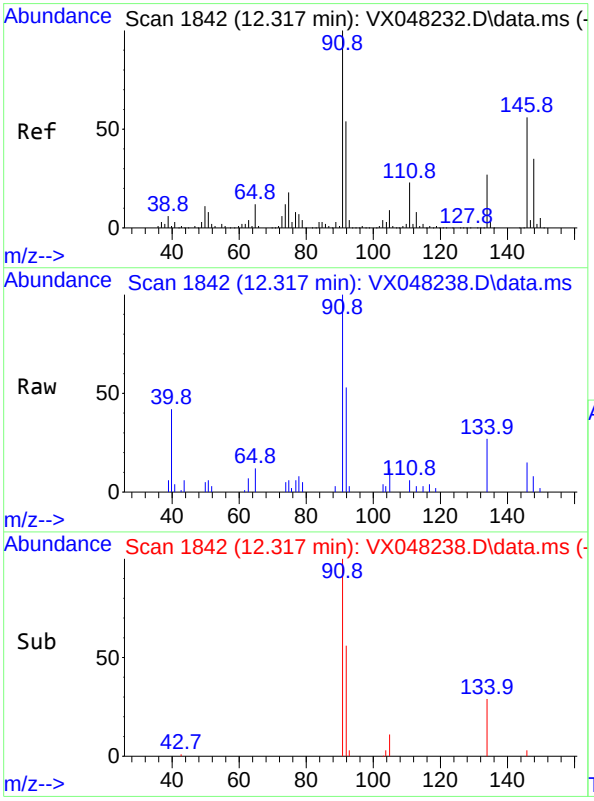
#88
1,4-Dichlorobenzene
Concen: 0.314 ug/l
RT: 11.957 min Scan# 1
Delta R.T. -0.067 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:146 Resp: 1294

Ion	Ratio	Lower	Upper
146	100		
111	34.0	20.1	60.2
148	66.5	31.8	95.3

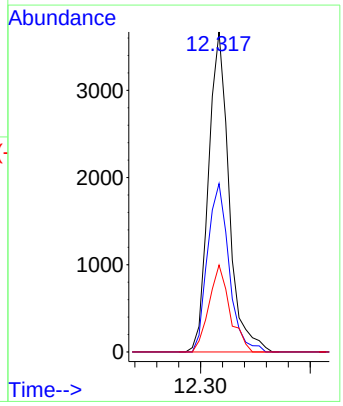


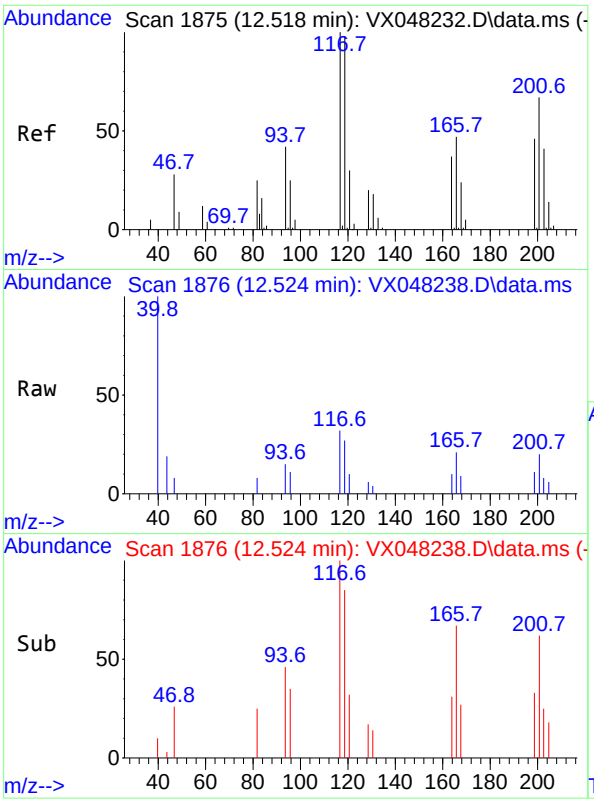


#89
n-Butylbenzene
Concen: 0.702 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion: 91 Resp: 4759

Ion	Ratio	Lower	Upper
91	100		
92	55.4	26.9	80.6
134	27.6	12.7	38.1



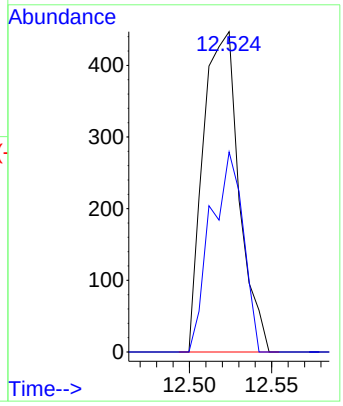


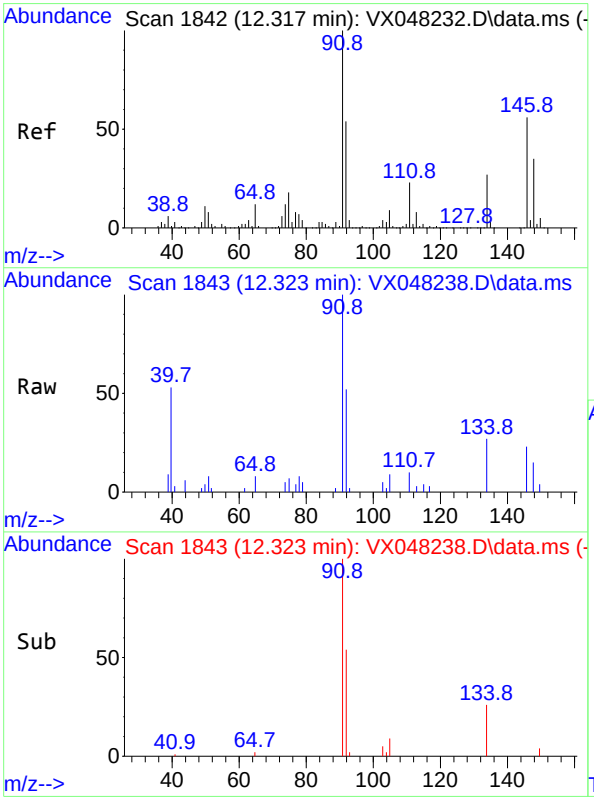
#90
Hexachloroethane
Concen: 0.461 ug/l
RT: 12.524 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:117 Resp: 678

Ion	Ratio	Lower	Upper
117	100		
201	56.5	34.1	102.2

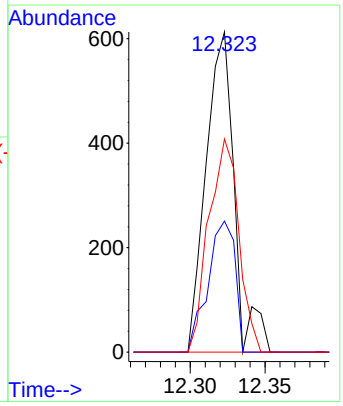


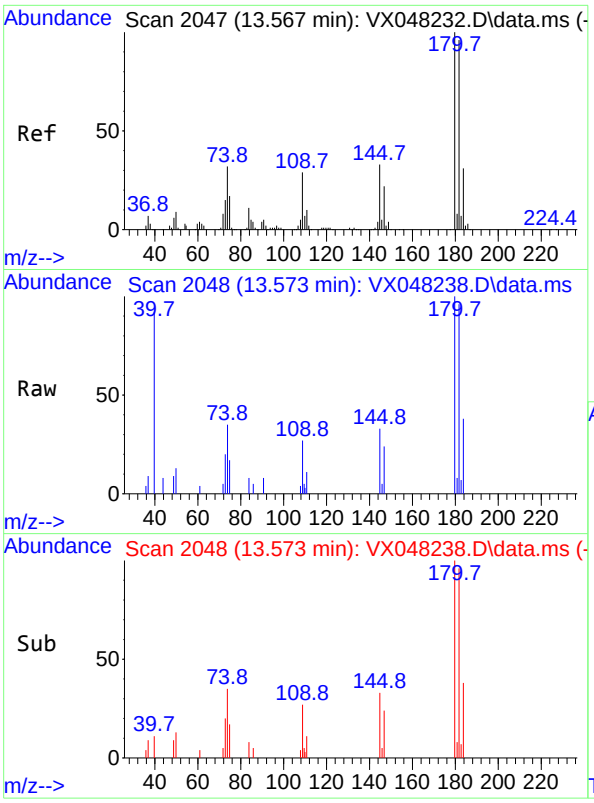


#91
1,2-Dichlorobenzene
Concen: 0.215 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion:146 Resp: 804

Ion	Ratio	Lower	Upper
146	100		
111	39.3	21.9	65.5
148	70.9	31.9	95.5



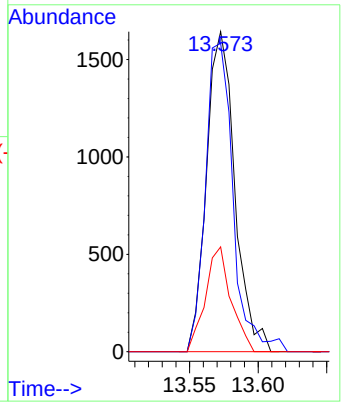


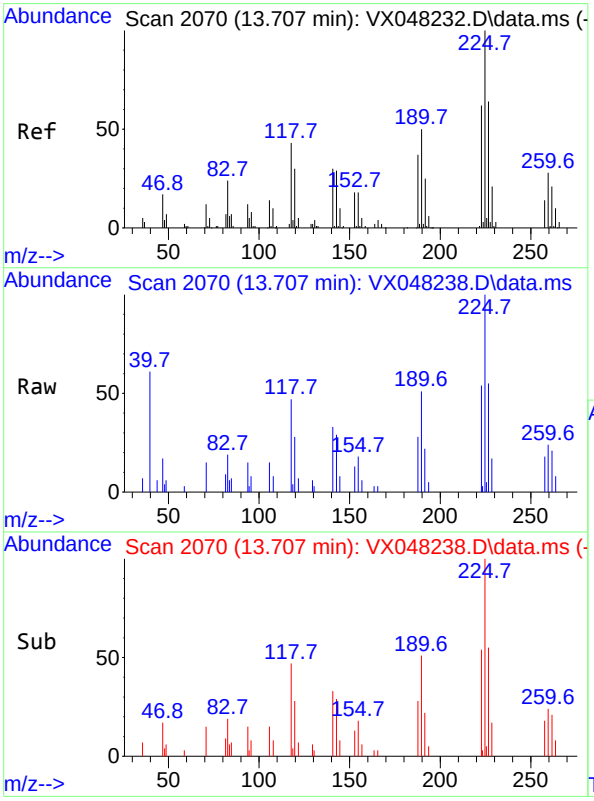
#93
1,2,4-Trichlorobenzene
Concen: 0.936 ug/l
RT: 13.573 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:180 Resp: 2365

Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	142.0
145	29.6	16.3	48.9

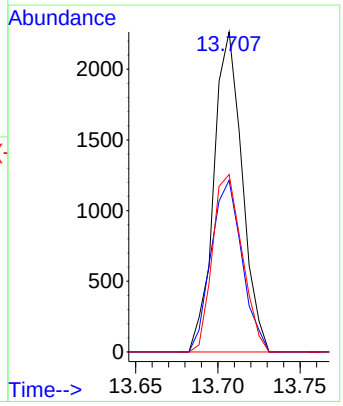


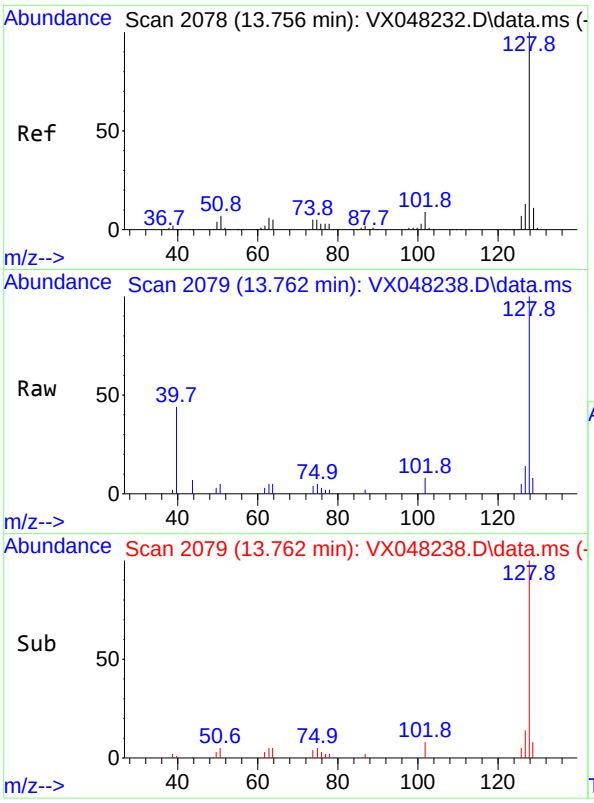


#94
Hexachlorobutadiene
Concen: 2.929 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion:225 Resp: 2715

Ion	Ratio	Lower	Upper
225	100		
223	58.5	32.6	97.7
227	58.1	32.5	97.4



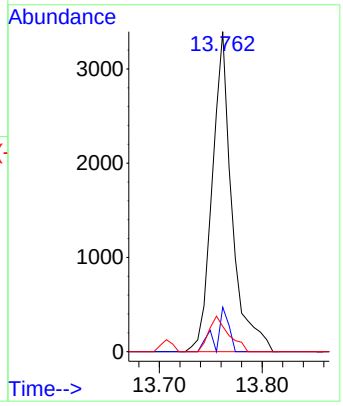


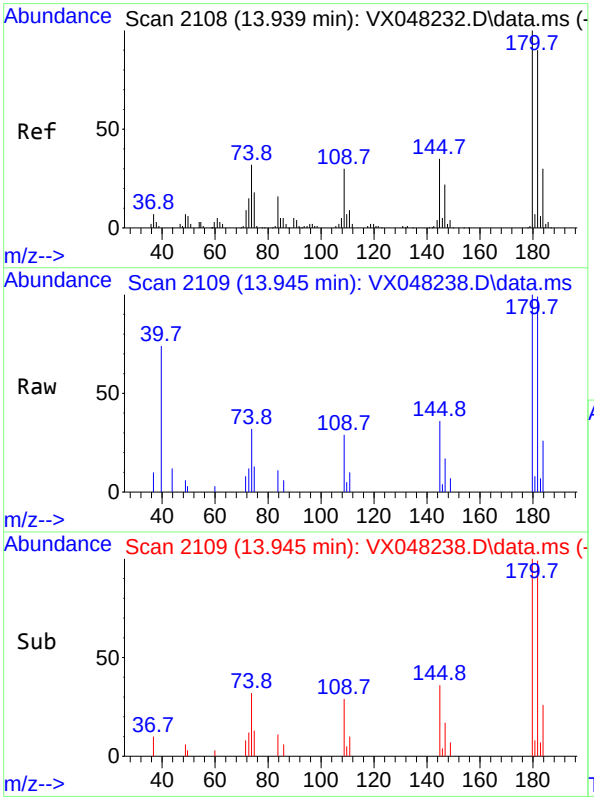
#95
Naphthalene
Concen: 0.675 ug/l
RT: 13.762 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Instrument :
MSVOA_X
ClientSampleId :
VX1020MBL01

Tgt Ion:128 Resp: 4518

Ion	Ratio	Lower	Upper
128	100		
127	8.8	10.2	15.4#
129	11.2	8.6	12.8





#96
1,2,3-Trichlorobenzene
Concen: 1.012 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX048238.D
Acq: 20 Oct 2025 14:56

Tgt Ion:180 Resp: 2347

Ion	Ratio	Lower	Upper
180	100		
182	88.7	46.6	139.7
145	34.6	16.9	50.7