Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
Data File : VX047926.D
Acq On : 01 Oct 2025 09:14
Operator : JC/MD
Sample : VX1001MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Quant Time: Oct 03 01:15:08 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

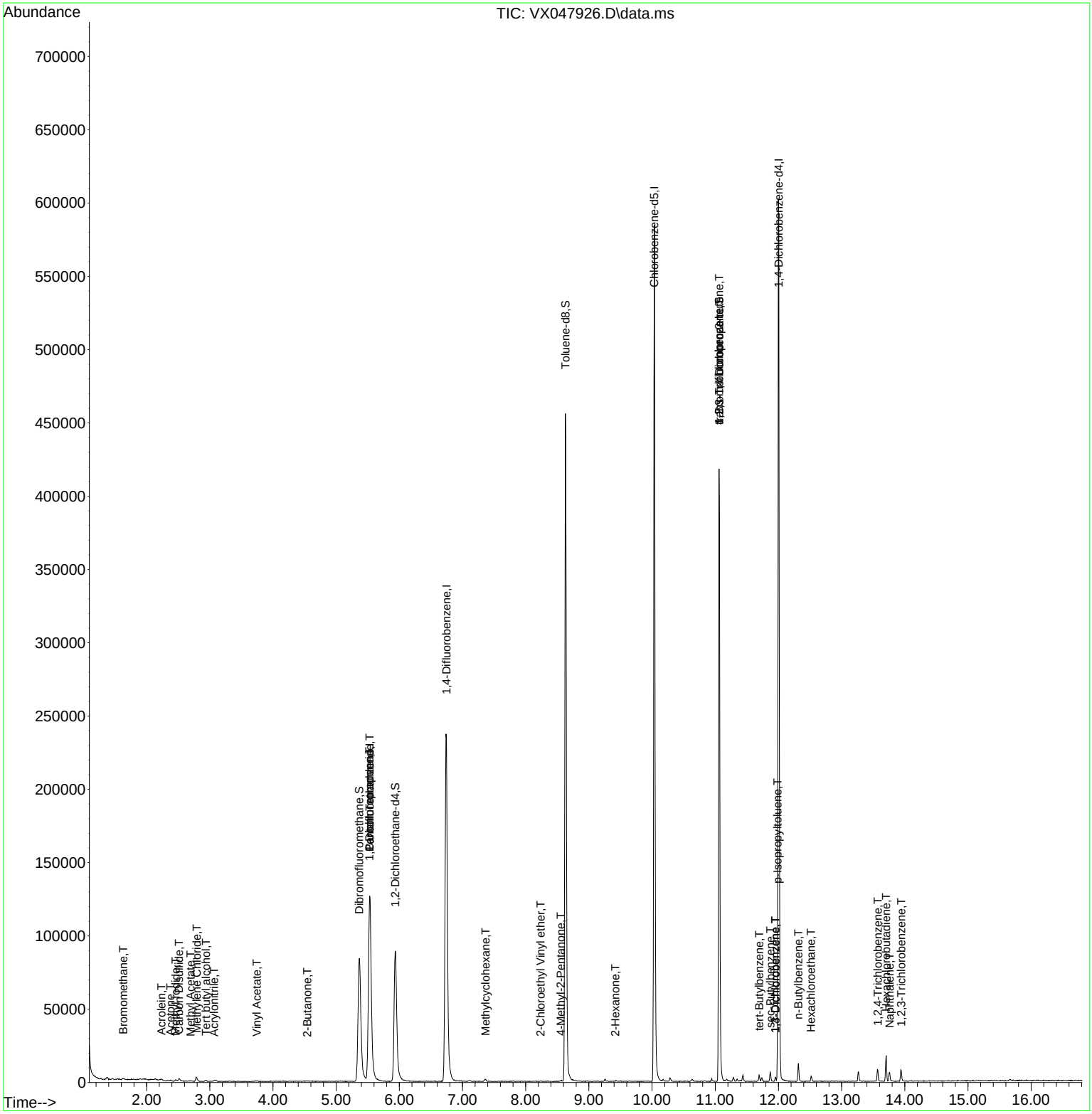
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	126415	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.745	114	260581	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	262910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	128303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	99175	49.287	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.580%			
35) Dibromofluoromethane	5.367	113	82968	47.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.960%			
50) Toluene-d8	8.628	98	285418	47.200	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.400%			
62) 4-Bromofluorobenzene	11.061	95	119715	52.164	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.320%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	552	0.517	ug/l #	79
10) Methyl Iodide	2.459	142	1292	0.567	ug/l #	88
11) Tert butyl alcohol	2.940	59	88	0.393	ug/l #	72
13) Acrolein	2.233	56	160	0.775	ug/l #	1
15) Acrylonitrile	3.068	53	337	0.406	ug/l #	35
16) Acetone	2.380	43	825	0.943	ug/l #	81
17) Carbon Disulfide	2.514	76	1840	0.448	ug/l	99
18) Methyl Acetate	2.697	43	488	0.251	ug/l #	54
20) Methylene Chloride	2.794	84	1433	0.774	ug/l #	79
23) Vinyl Acetate	3.745	43	976	0.203	ug/l #	73
25) 2-Butanone	4.544	43	250	0.229	ug/l #	50
36) 1,1-Dichloropropene	5.525	75	11156	4.369	ug/l #	51
38) Carbon Tetrachloride	5.531	117	13874	5.000	ug/l #	18
39) Methylcyclohexane	7.367	83	583	0.201	ug/l #	79
51) 4-Methyl-2-Pentanone	8.555	43	652	0.262	ug/l #	75
58) 2-Chloroethyl Vinyl ether	8.238	63	145	7.998	ug/l #	47
59) 2-Hexanone	9.421	43	465	0.260	ug/l	68
76) 1,2,3-Trichloropropane	11.061	75	61859	23.813	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	61859	60.726	ug/l #	8
83) tert-Butylbenzene	11.695	119	1643	0.200	ug/l	96
85) sec-Butylbenzene	11.872	105	3439	0.353	ug/l	99
86) p-Isopropyltoluene	11.988	119	2777	0.337	ug/l #	78
87) 1,3-Dichlorobenzene	11.951	146	1038	0.233	ug/l	93
88) 1,4-Dichlorobenzene	11.951	146	1038	0.227	ug/l	95
89) n-Butylbenzene	12.317	91	4632	0.607	ug/l	95
90) Hexachloroethane	12.518	117	668	0.461	ug/l	97
93) 1,2,4-Trichlorobenzene	13.573	180	2045	0.740	ug/l	89
94) Hexachlorobutadiene	13.707	225	2268	2.417	ug/l	96
95) Naphthalene	13.762	128	4370	0.519	ug/l	99
96) 1,2,3-Trichlorobenzene	13.945	180	2127	0.828	ug/l	99

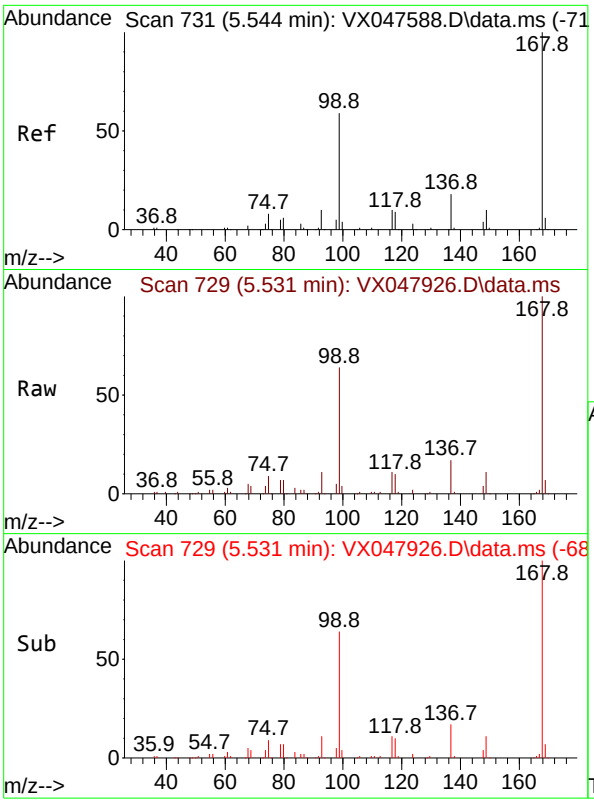
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100125\
Data File : VX047926.D
Acq On : 01 Oct 2025 09:14
Operator : JC/MD
Sample : VX1001MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Quant Time: Oct 03 01:15:08 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



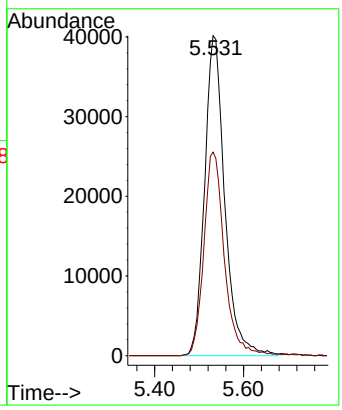


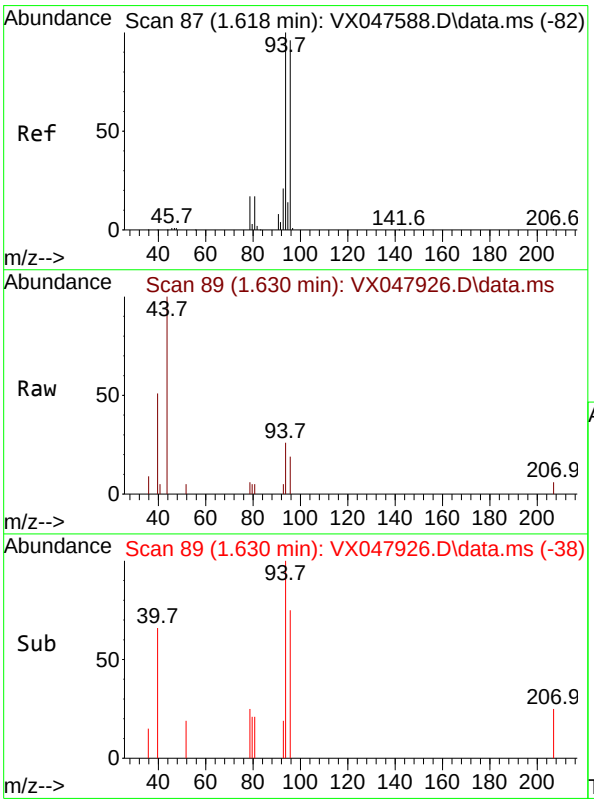
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion:168 Resp: 126415

Ion	Ratio	Lower	Upper
168	100		
99	63.6	48.8	73.2

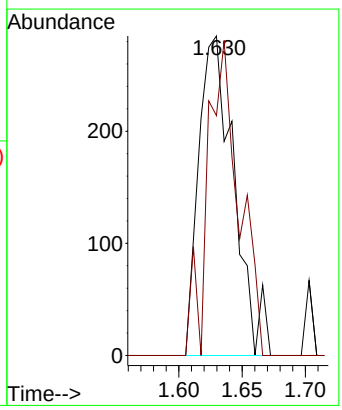


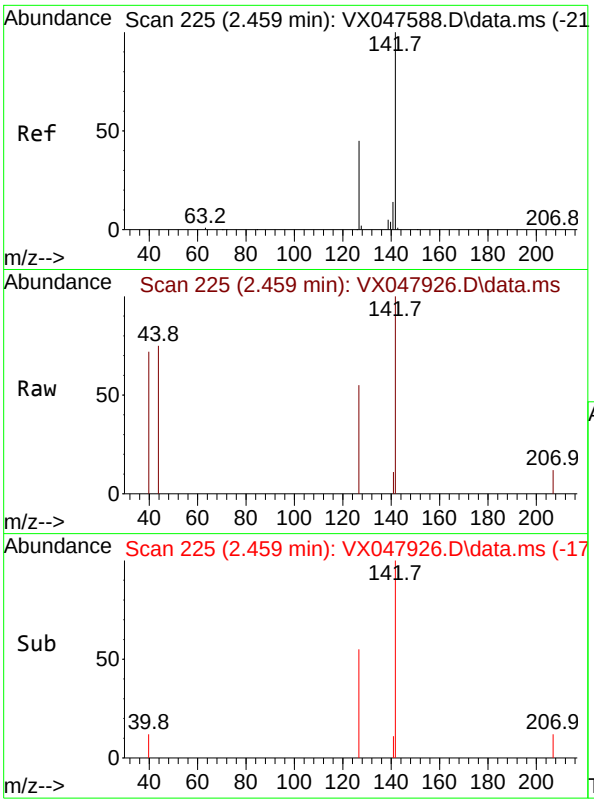


#5
Bromomethane
Concen: 0.517 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion: 94 Resp: 552

Ion	Ratio	Lower	Upper
94	100		
96	75.1	76.6	115.0#



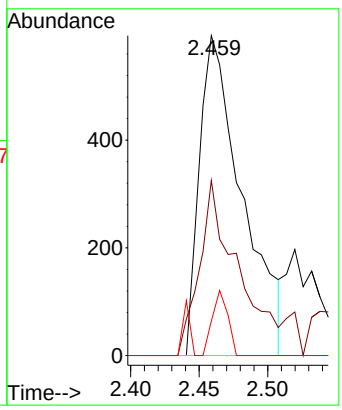


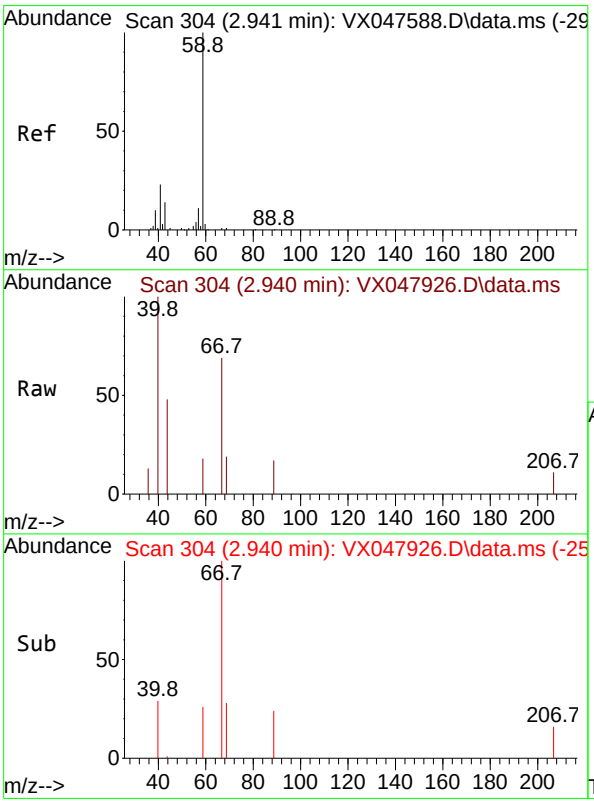
#10
Methyl Iodide
Concen: 0.567 ug/l
RT: 2.459 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion:142 Resp: 1292

Ion	Ratio	Lower	Upper
142	100		
127	53.2	37.2	55.8
141	7.4	11.4	17.0#

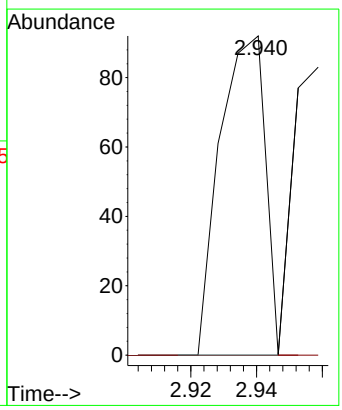


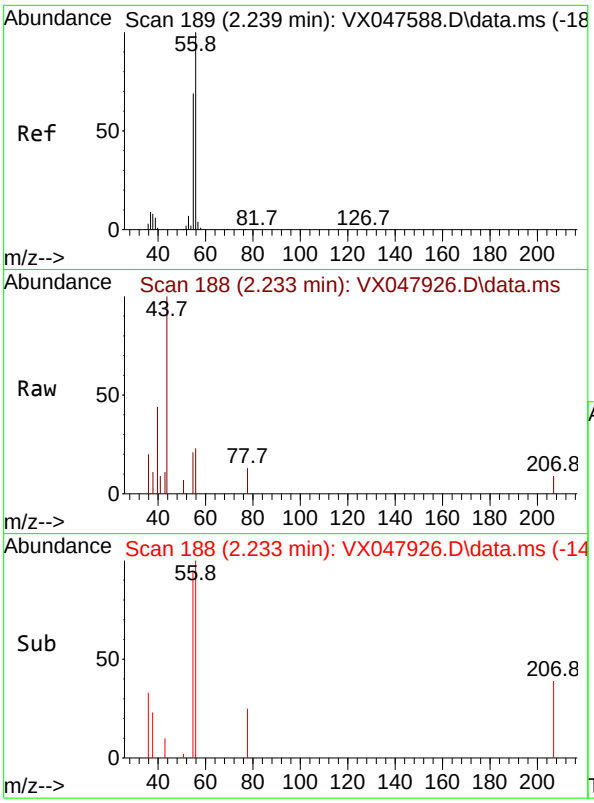


#11
Tert butyl alcohol
Concen: 0.393 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion: 59 Resp: 88

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



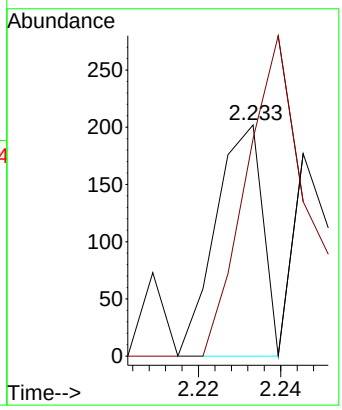


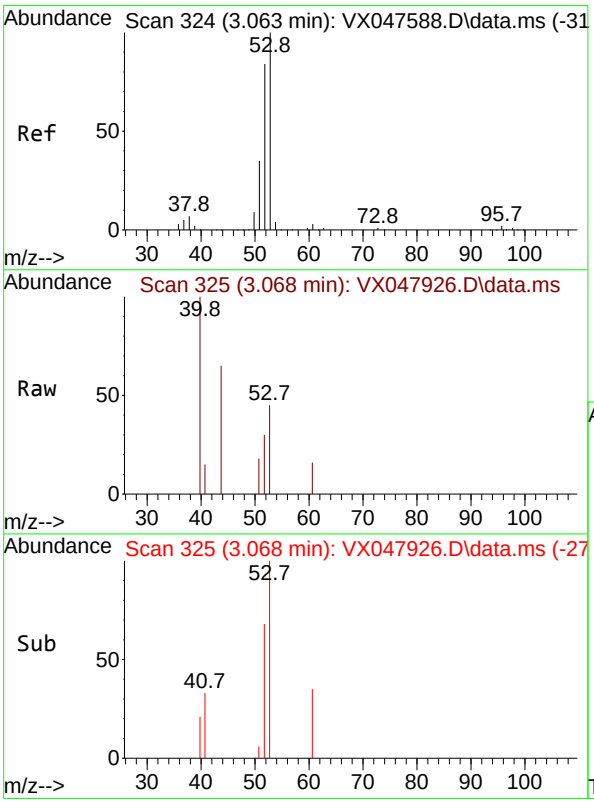
#13
Acrolein
Concen: 0.775 ug/l
RT: 2.233 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion: 56 Resp: 160

Ion	Ratio	Lower	Upper
56	100		
55	175.0	57.2	85.8#

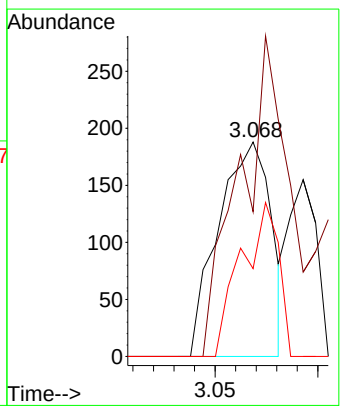


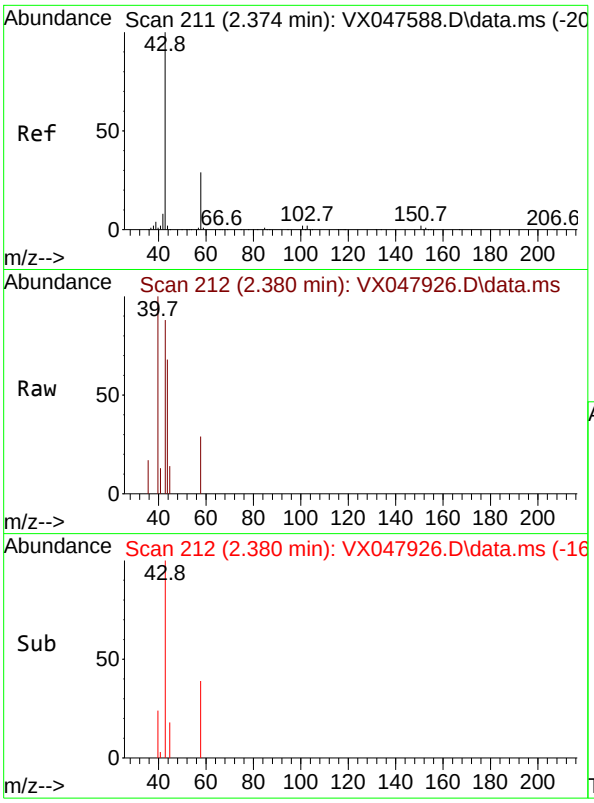


#15
Acrylonitrile
Concen: 0.406 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion: 53 Resp: 337

Ion	Ratio	Lower	Upper
53	100		
52	157.9	66.4	99.6#
51	50.7	29.5	44.3#



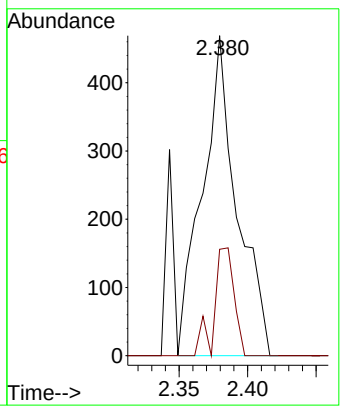


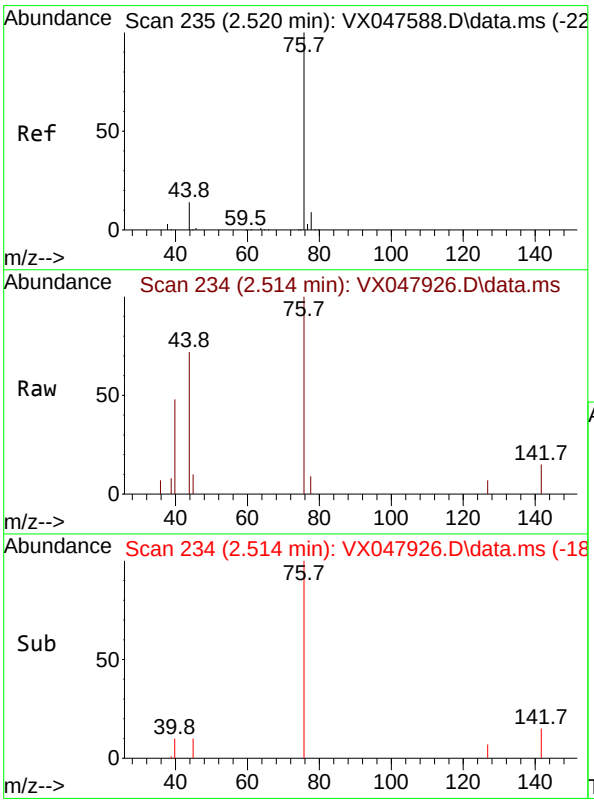
#16
Acetone
Concen: 0.943 ug/l
RT: 2.380 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion: 43 Resp: 825

Ion	Ratio	Lower	Upper
43	100		
58	18.9	23.4	35.0#

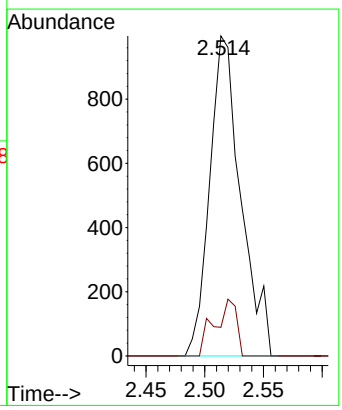


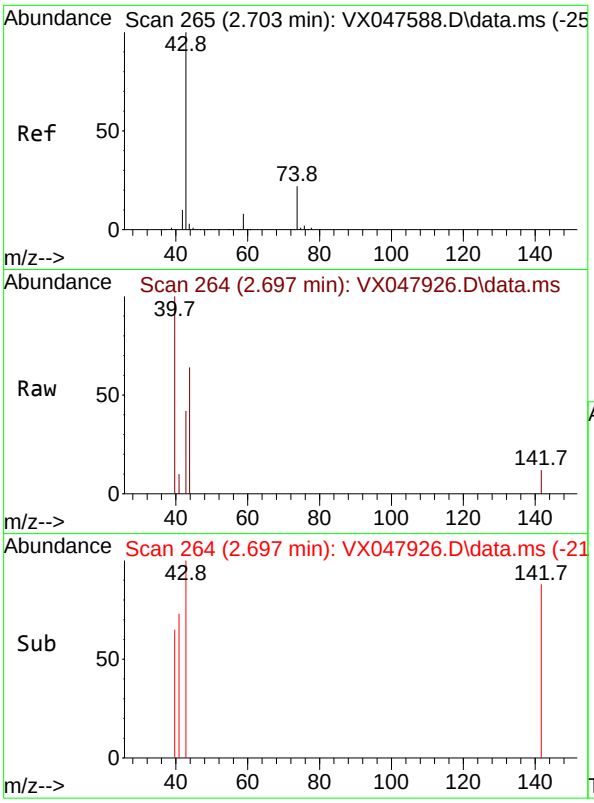


#17
Carbon Disulfide
Concen: 0.448 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion: 76 Resp: 1840

Ion	Ratio	Lower	Upper
76	100		
78	8.9	6.8	10.2



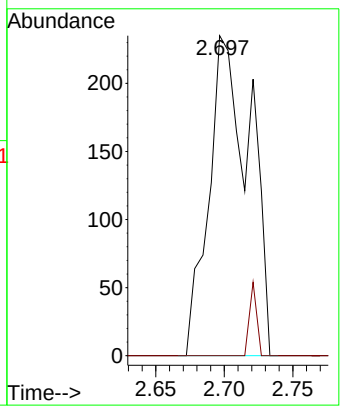


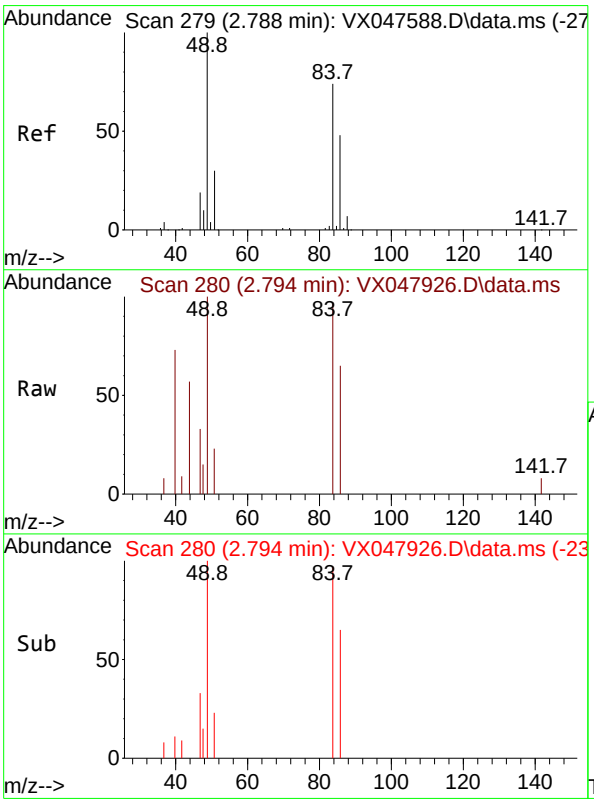
#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 2.697 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion: 43 Resp: 488

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.4	26.2#

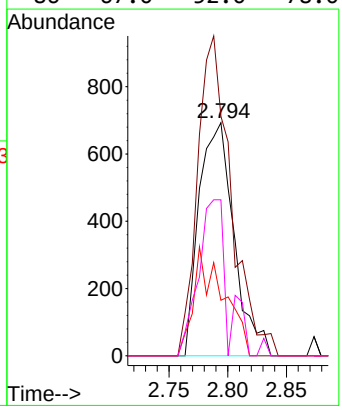


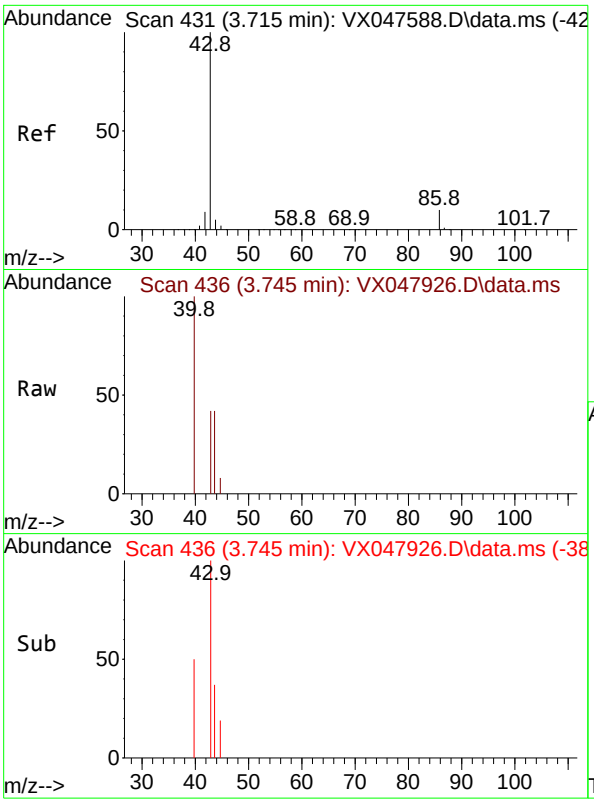


#20
Methylene Chloride
Concen: 0.774 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion: 84 Resp: 1433

Ion	Ratio	Lower	Upper
84	100		
49	102.7	108.6	162.8#
51	23.8	32.6	48.8#
86	67.0	52.0	78.0



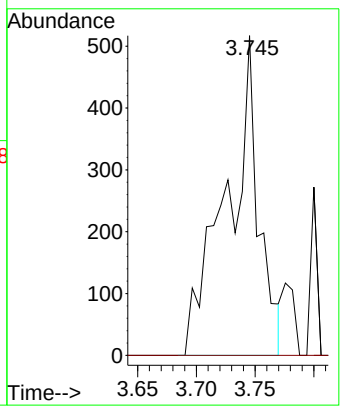


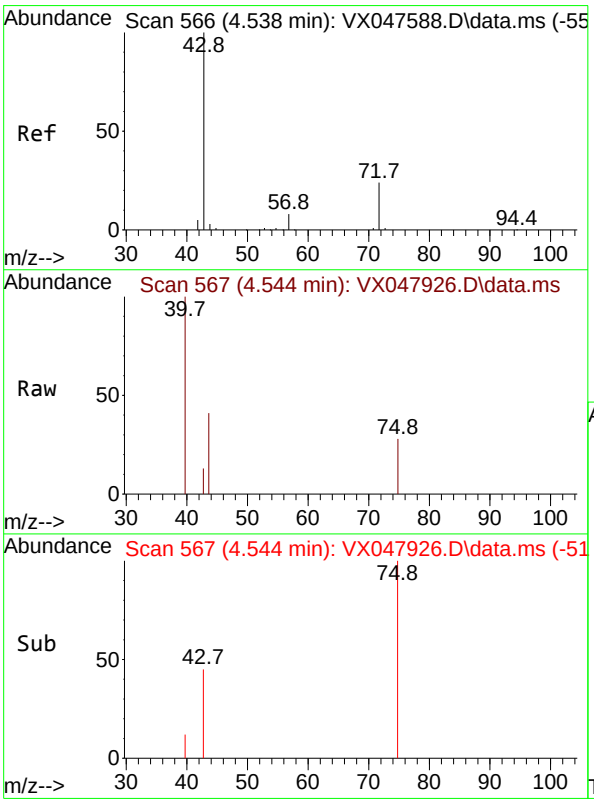
#23
Vinyl Acetate
Concen: 0.203 ug/l
RT: 3.745 min Scan# 4
Delta R.T. 0.030 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion: 43 Resp: 976

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8#

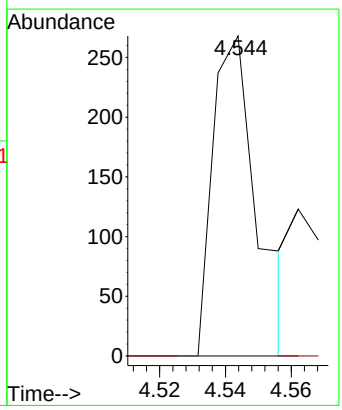


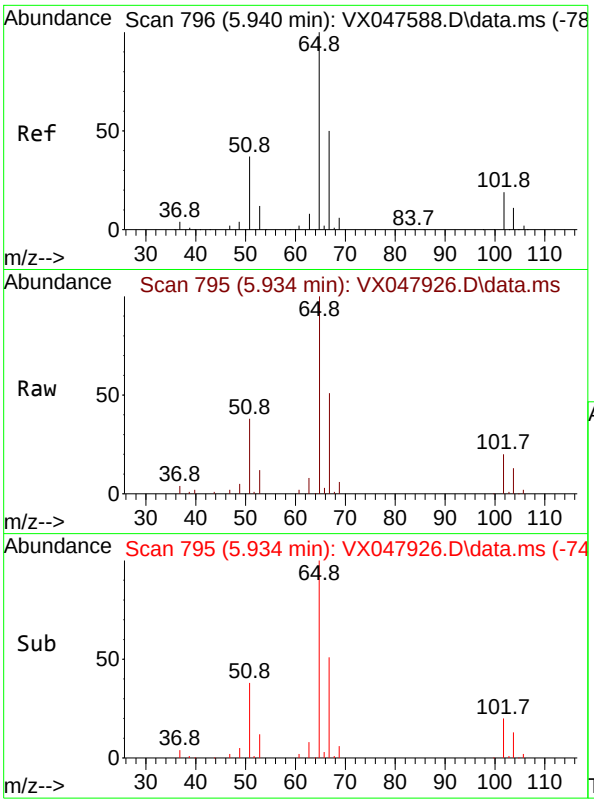


#25
2-Butanone
Concen: 0.229 ug/l
RT: 4.544 min Scan# 567
Delta R.T. 0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion: 43 Resp: 250

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.1	30.1#



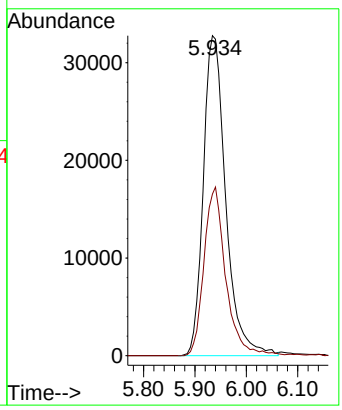


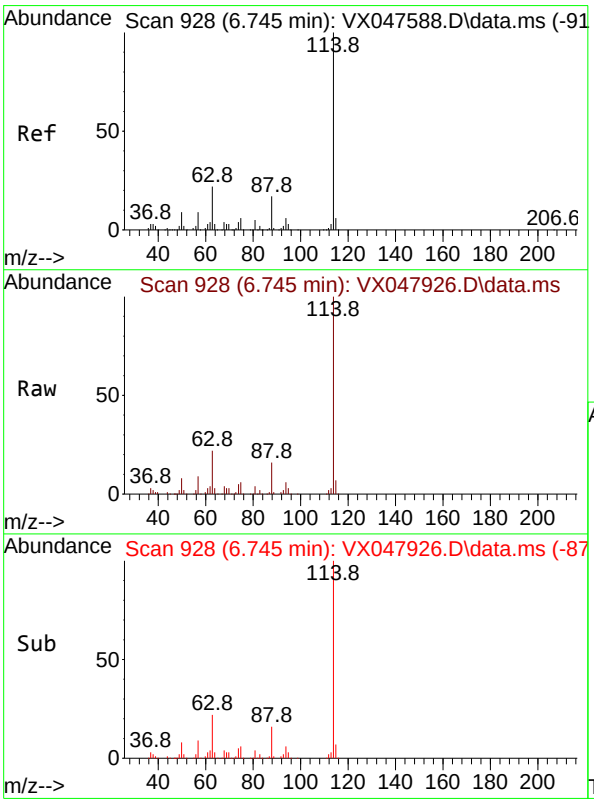
#33
1,2-Dichloroethane-d4
Concen: 49.287 ug/l
RT: 5.934 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion: 65 Resp: 99175

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.0

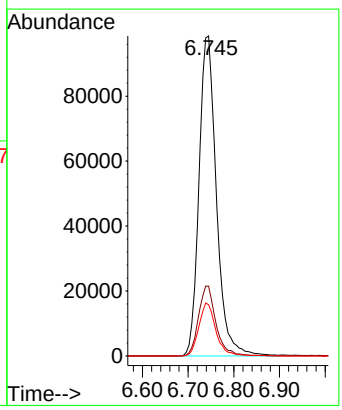


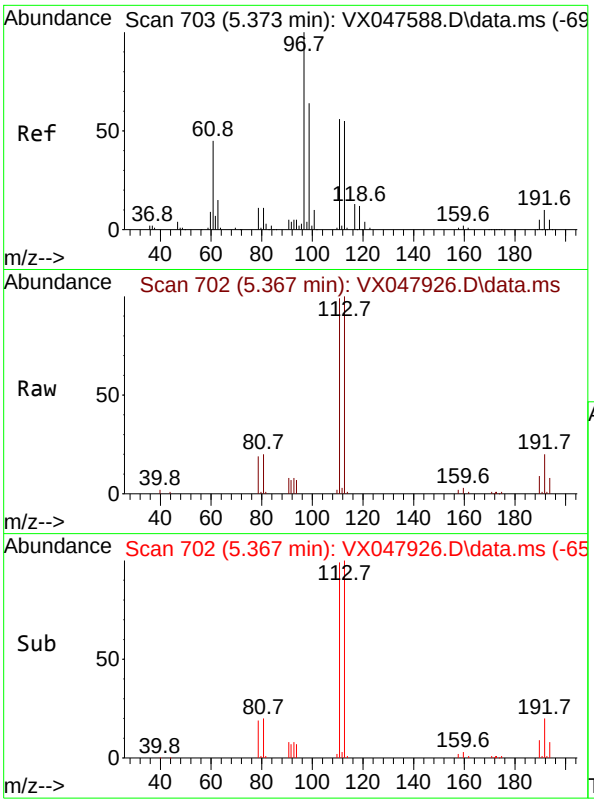


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion:114 Resp: 260581

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	16.0	0.0	34.2



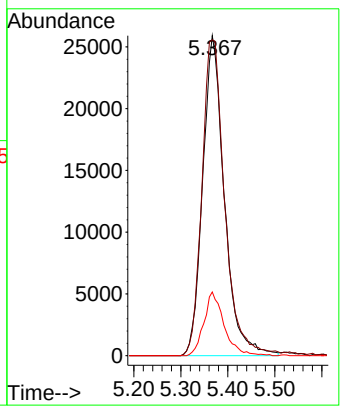


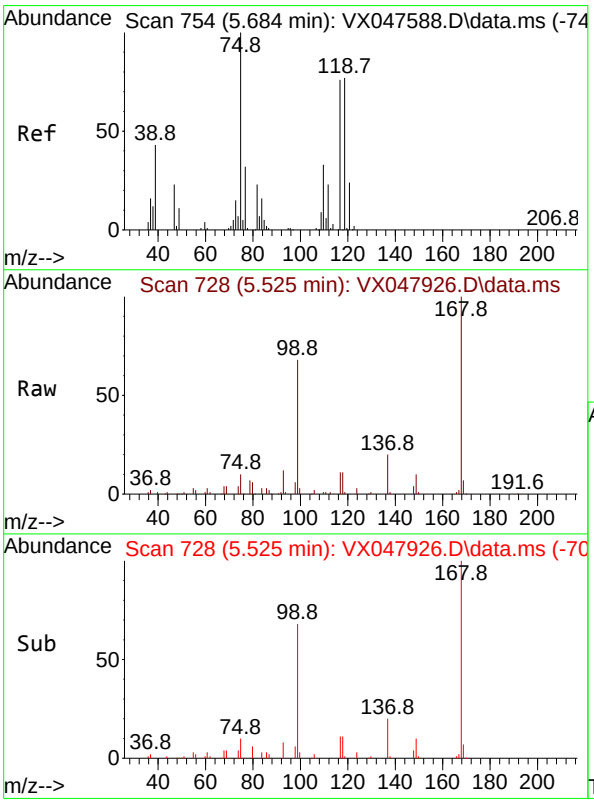
#35
Dibromofluoromethane
Concen: 47.475 ug/l
RT: 5.367 min Scan# 7(
Delta R.T. -0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion:113 Resp: 82968

Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.9	121.3
192	18.6	14.2	21.4

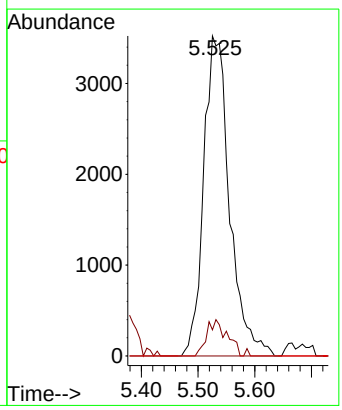


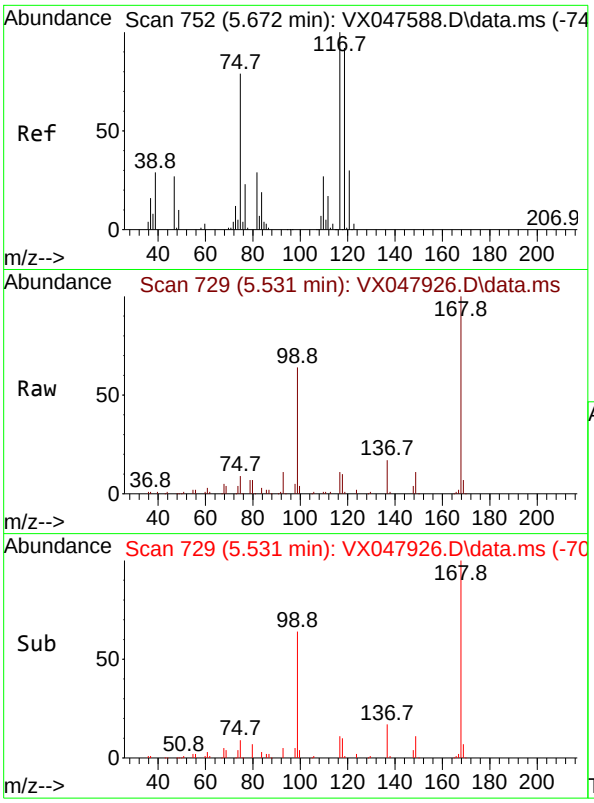


#36
1,1-Dichloropropene
Concen: 4.369 ug/l
RT: 5.525 min Scan# 728
Delta R.T. -0.159 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion: 75 Resp: 11156

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.7	50.1#
77	0.0	24.3	36.5#



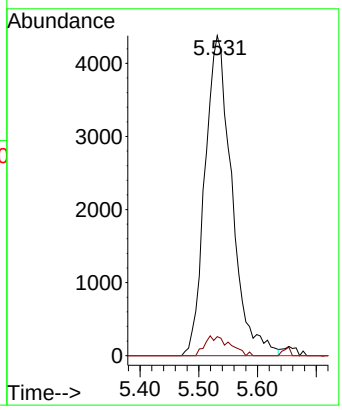


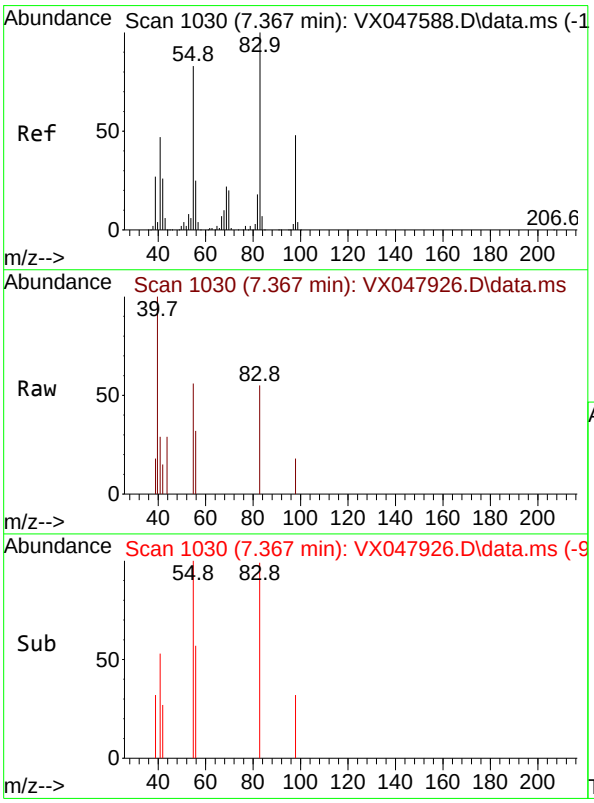
#38
Carbon Tetrachloride
Concen: 5.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion:117 Resp: 13874

Ion	Ratio	Lower	Upper
117	100		
119	6.0	73.4	110.2#
121	0.0	23.8	35.6#

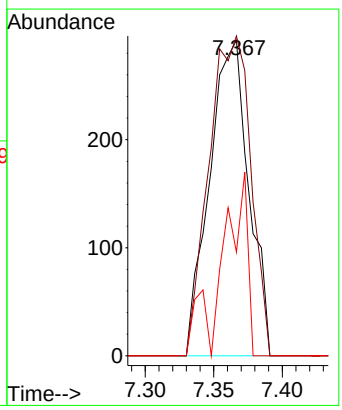


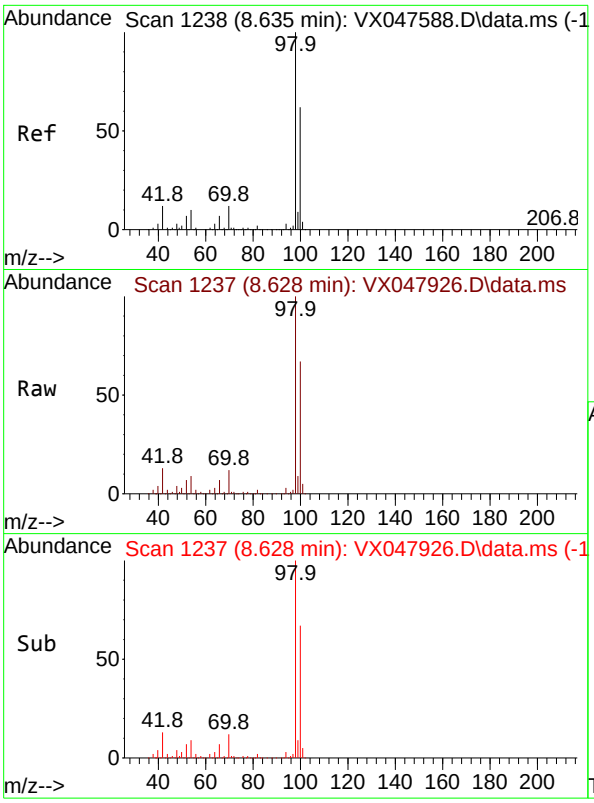


#39
Methylcyclohexane
Concen: 0.201 ug/l
RT: 7.367 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion: 83 Resp: 583

Ion	Ratio	Lower	Upper
83	100		
55	101.4	66.4	99.6#
98	32.9	38.1	57.1#



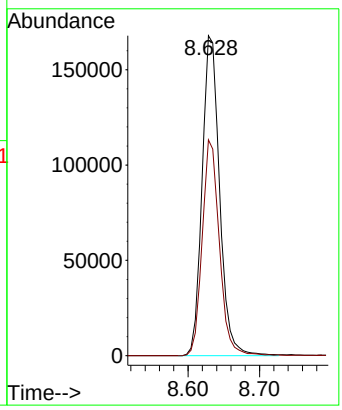


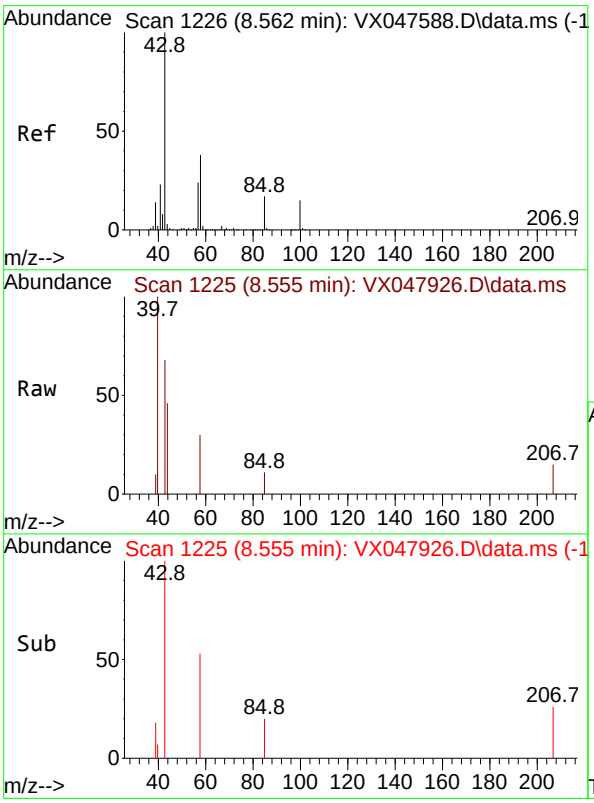
#50
Toluene-d8
Concen: 47.200 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion: 98 Resp: 285418

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4

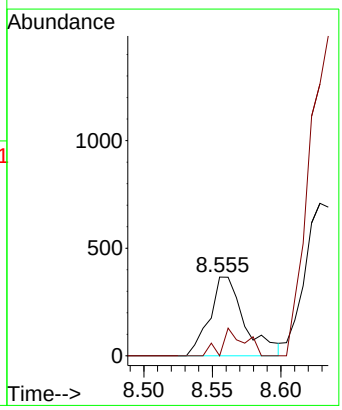


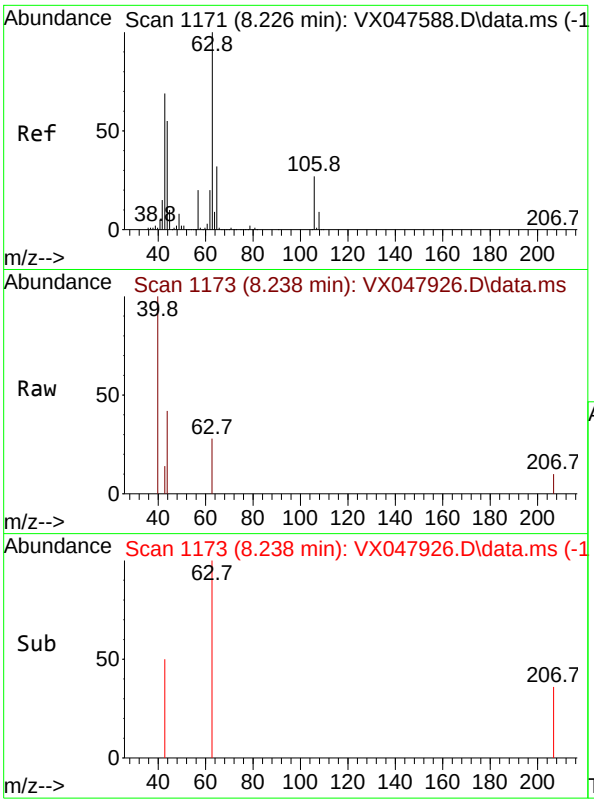


#51
4-Methyl-2-Pentanone
Concen: 0.262 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion: 43 Resp: 652

Ion	Ratio	Lower	Upper
43	100		
58	23.0	30.3	45.5#



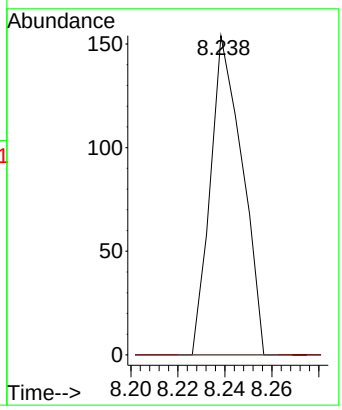


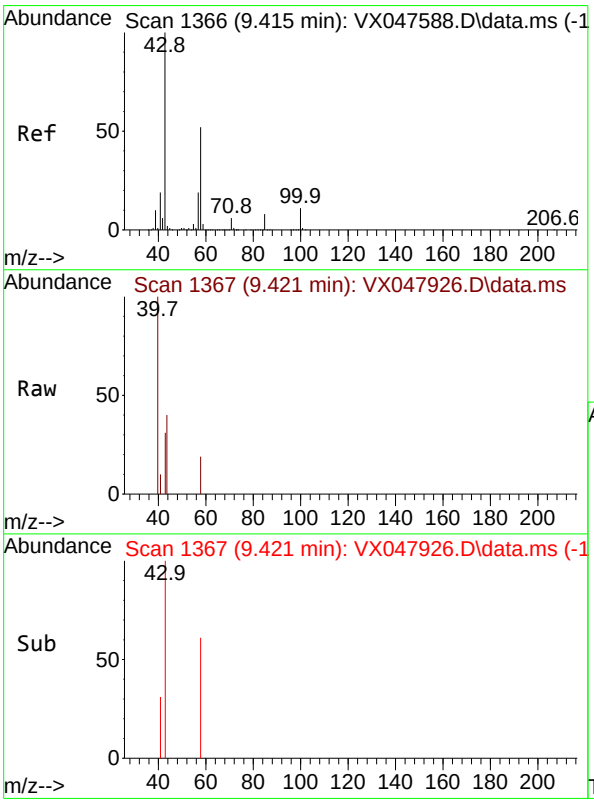
#58
2-Chloroethyl Vinyl ether
Concen: 7.998 ug/l
RT: 8.238 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion: 63 Resp: 145

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#

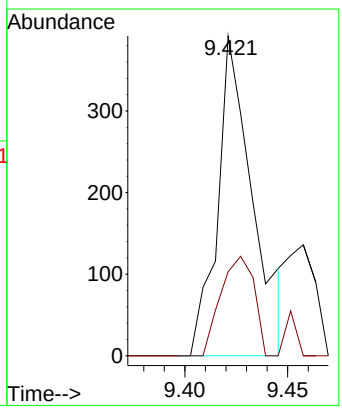


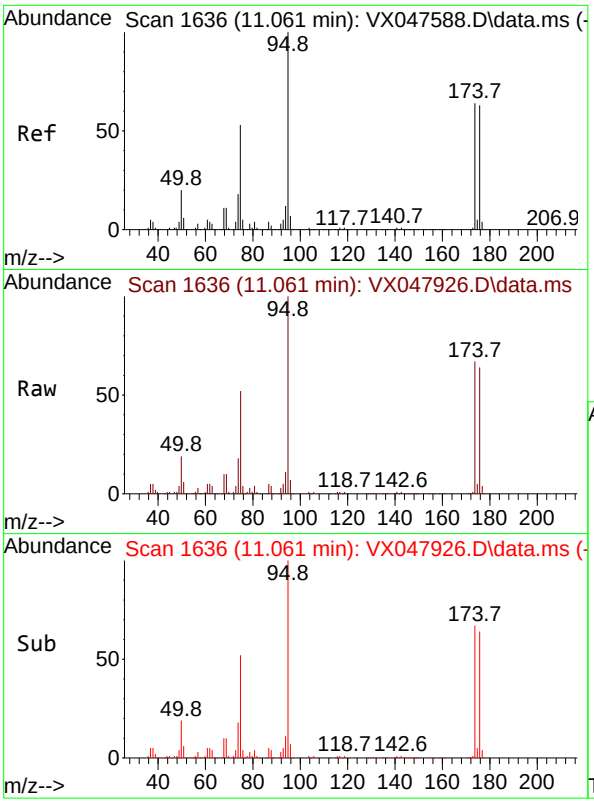


#59
2-Hexanone
Concen: 0.260 ug/l
RT: 9.421 min Scan# 1367
Delta R.T. 0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion: 43 Resp: 465

Ion	Ratio	Lower	Upper
43	100		
58	29.7	26.1	78.2



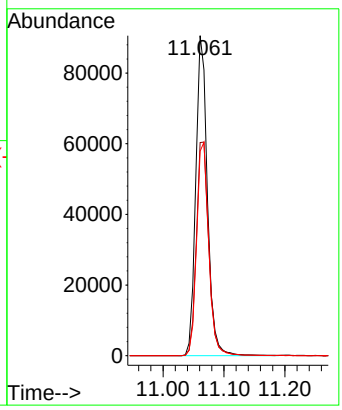


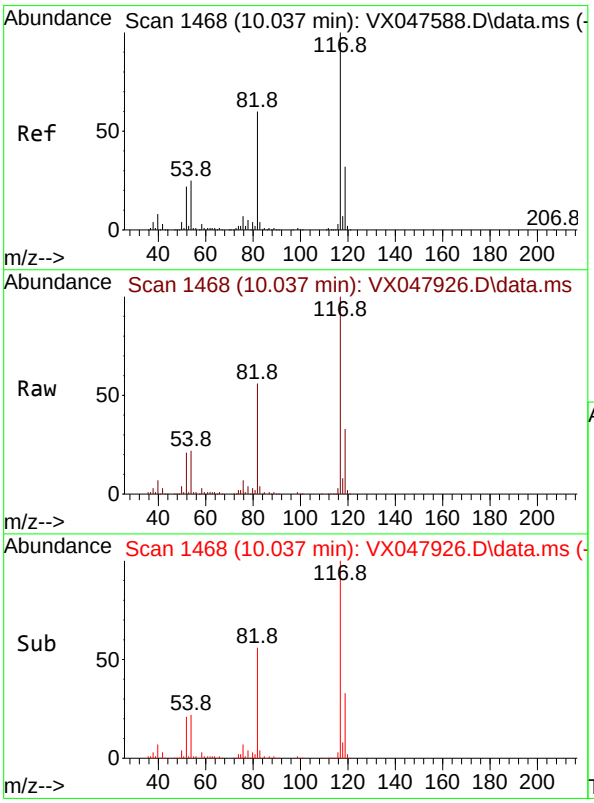
#62
4-Bromofluorobenzene
Concen: 52.164 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion: 95 Resp: 119715

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	141.6
176	69.4	0.0	138.4

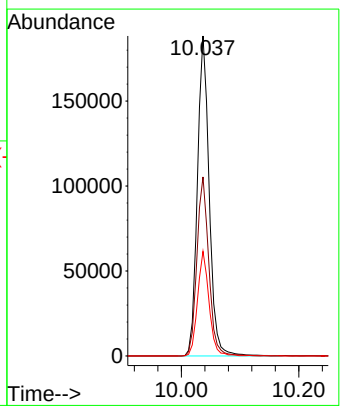


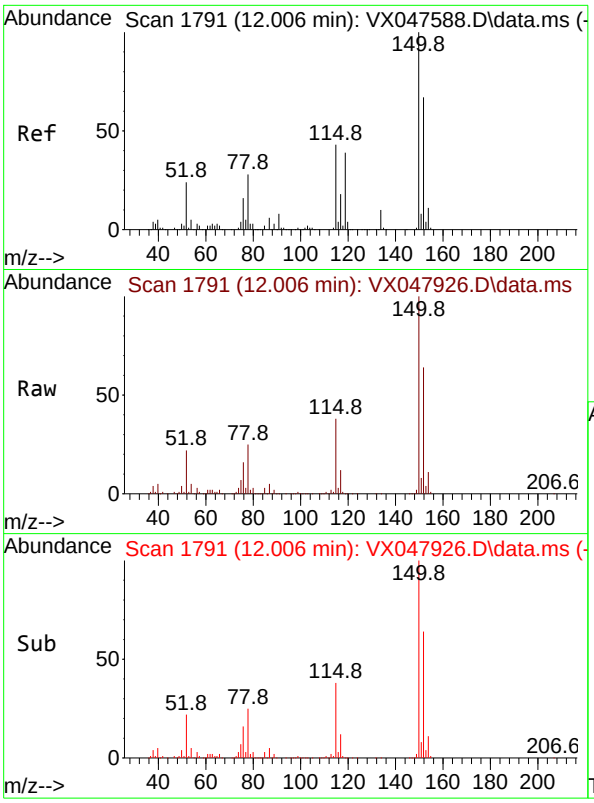


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion:117 Resp: 262910

Ion	Ratio	Lower	Upper
117	100		
82	55.9	47.8	71.6
119	32.7	25.2	37.8



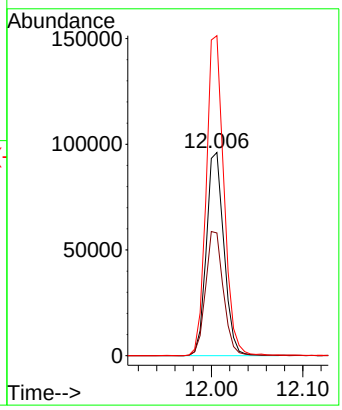


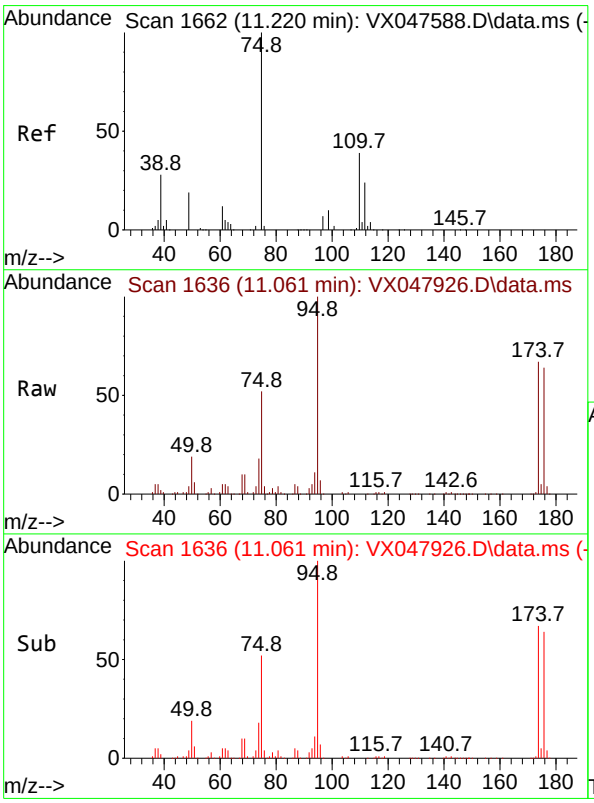
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion:152 Resp: 128303

Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.9	134.5
150	158.6	0.0	352.0

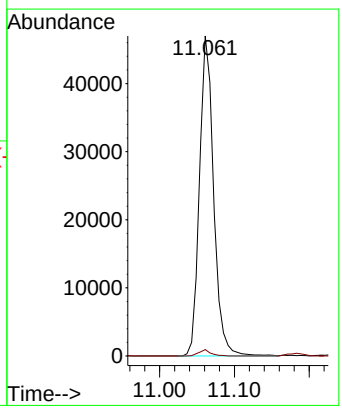


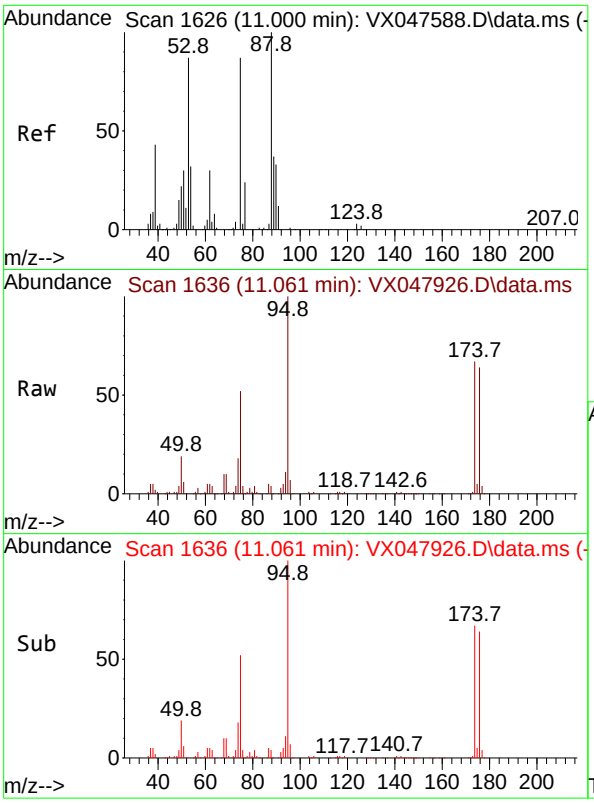


#76
1,2,3-Trichloropropane
Concen: 23.813 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion: 75 Resp: 61859

Ion	Ratio	Lower	Upper
75	100		
77	1.6	18.8	56.4#



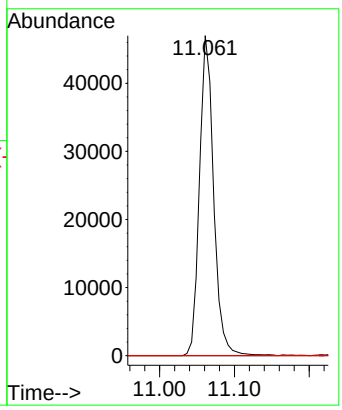


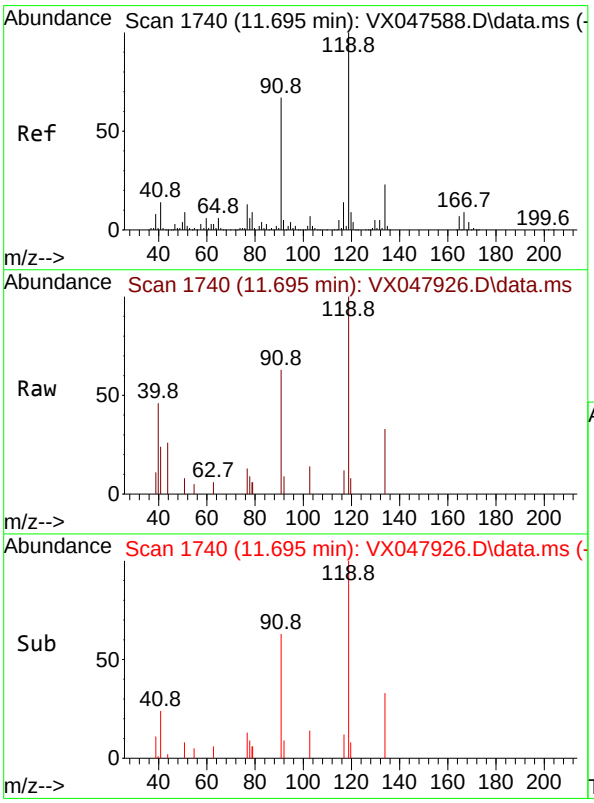
#81
trans-1,4-Dichloro-2-butene
Concen: 60.726 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion: 75 Resp: 61859

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

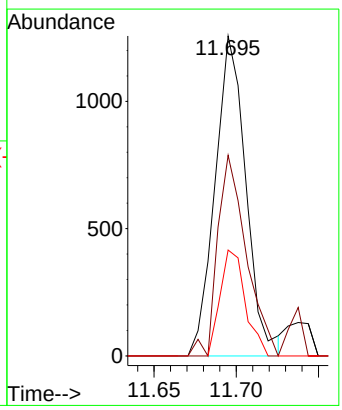


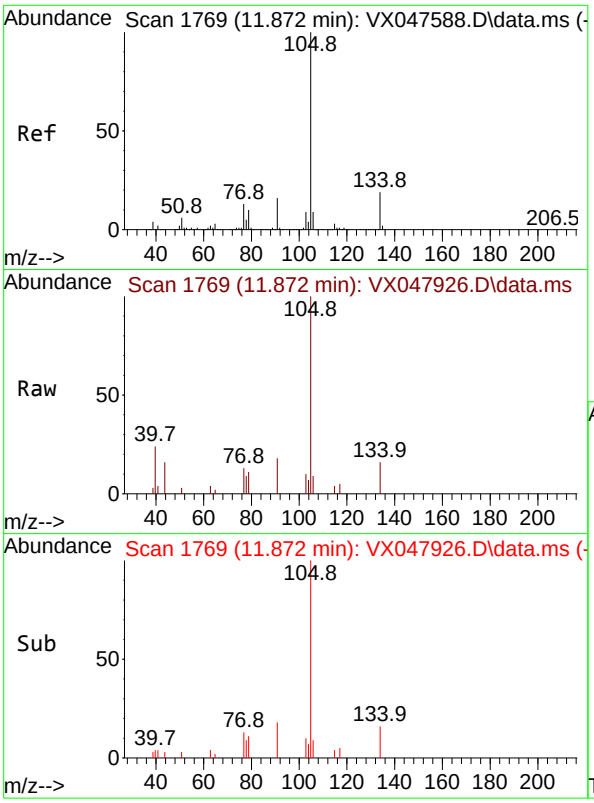


#83
tert-Butylbenzene
Concen: 0.200 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion:119 Resp: 1643

Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.6	88.8
134	27.0	11.0	33.0



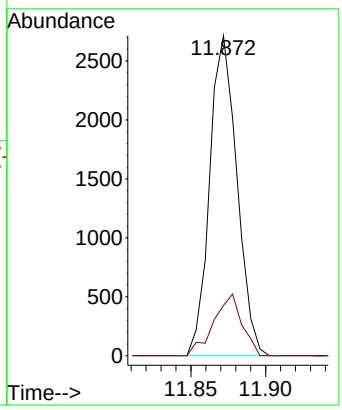


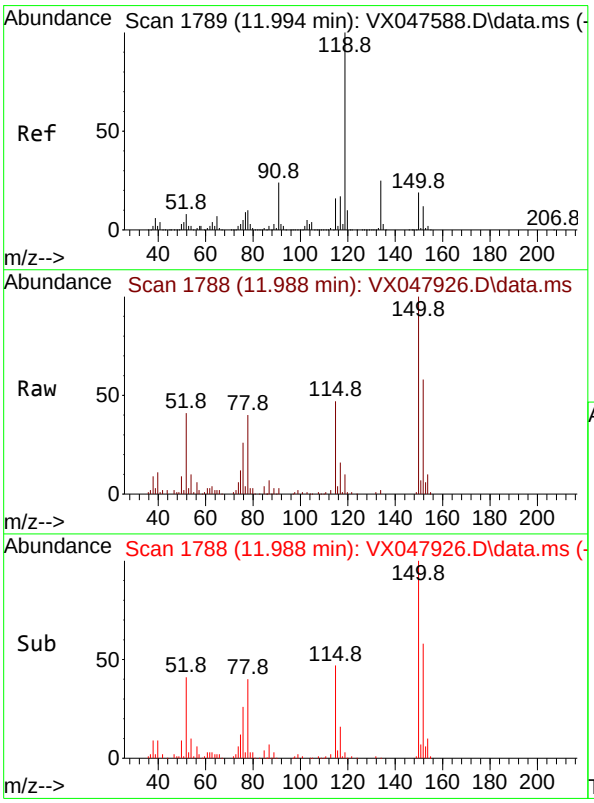
#85
sec-Butylbenzene
Concen: 0.353 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion:105 Resp: 3439

Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.8	29.5

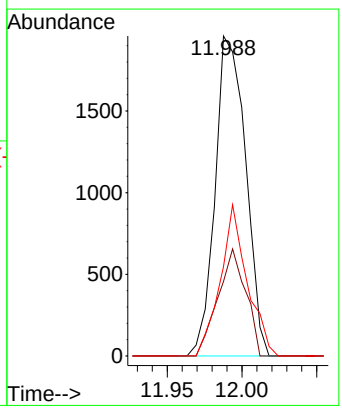


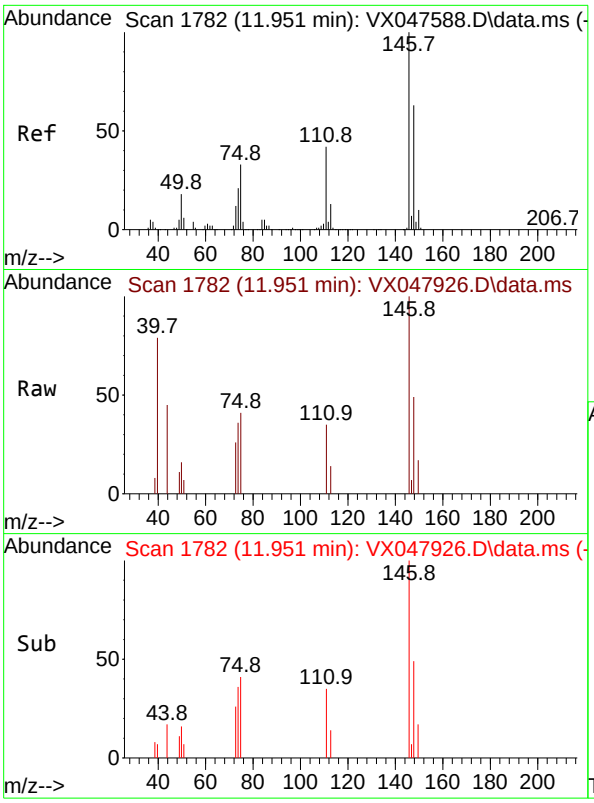


#86
p-Isopropyltoluene
Concen: 0.337 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion:119 Resp: 2777

Ion	Ratio	Lower	Upper
119	100		
134	30.4	12.6	37.8
91	41.7	12.6	37.6#



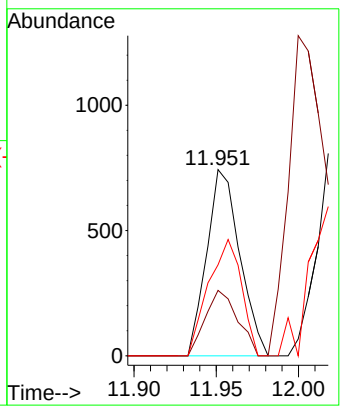


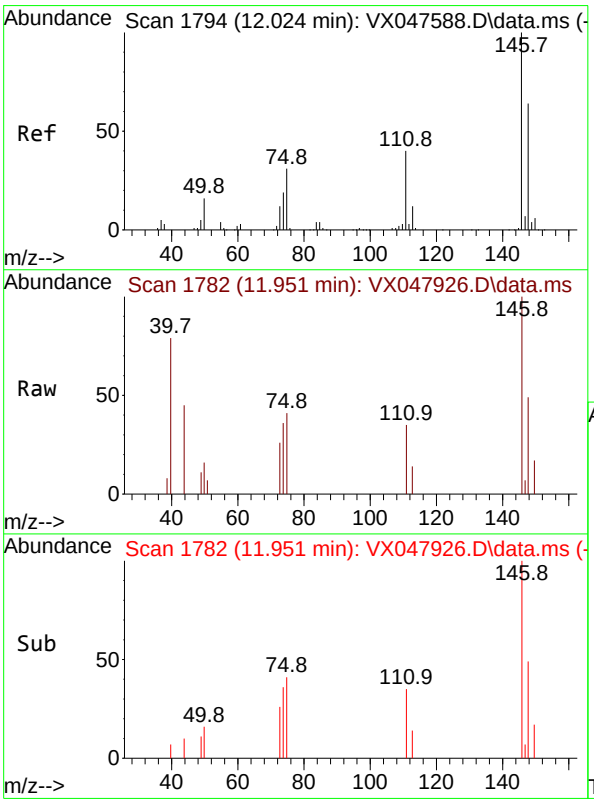
#87
1,3-Dichlorobenzene
Concen: 0.233 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion:146 Resp: 1038

Ion	Ratio	Lower	Upper
146	100		
111	34.4	21.5	64.5
148	62.3	32.0	96.0

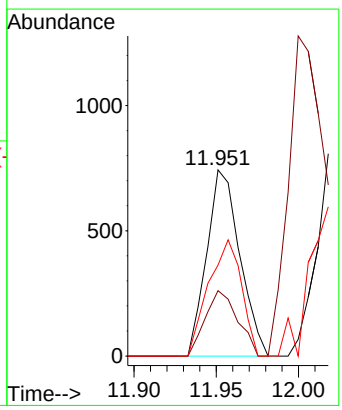


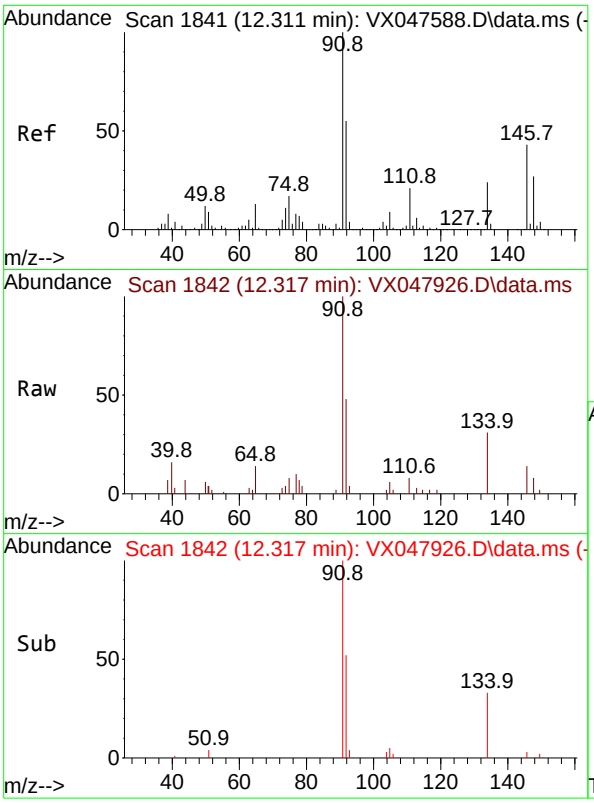


#88
1,4-Dichlorobenzene
Concen: 0.227 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.073 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion:146 Resp: 1038

Ion	Ratio	Lower	Upper
146	100		
111	34.4	20.8	62.4
148	62.3	31.7	95.1



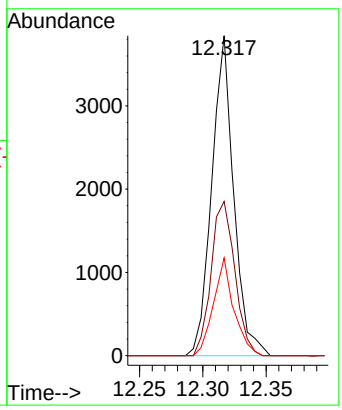


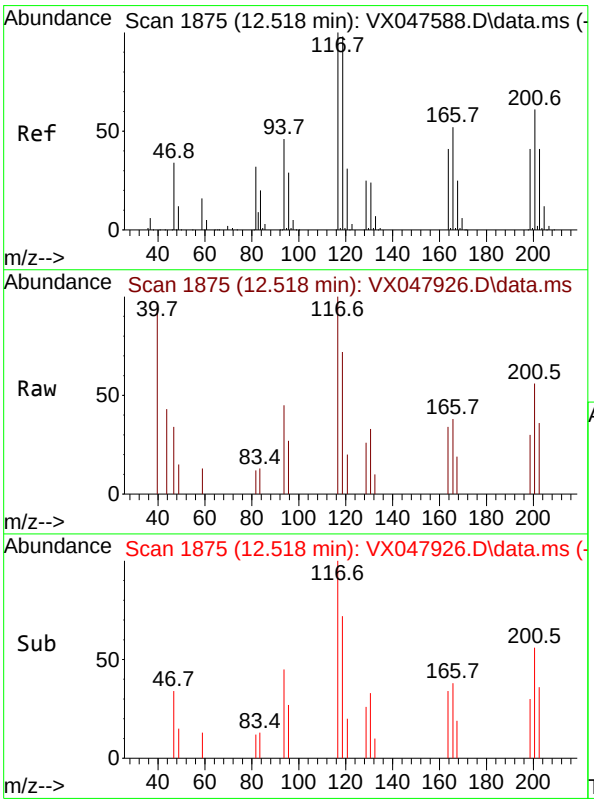
#89
n-Butylbenzene
Concen: 0.607 ug/l
RT: 12.317 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion: 91 Resp: 4632

Ion	Ratio	Lower	Upper
91	100		
92	52.1	27.6	82.7
134	28.4	12.6	37.8

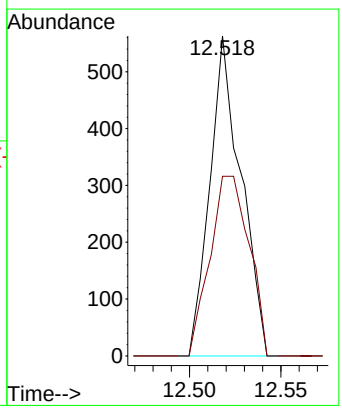


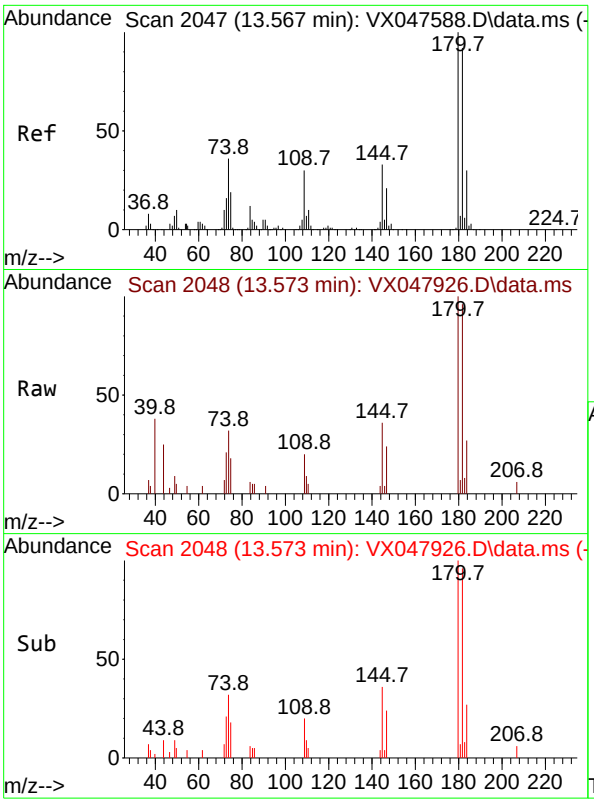


#90
Hexachloroethane
Concen: 0.461 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion:117 Resp: 668

Ion	Ratio	Lower	Upper
117	100		
201	70.7	34.2	102.5



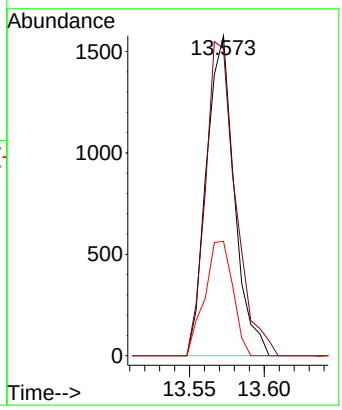


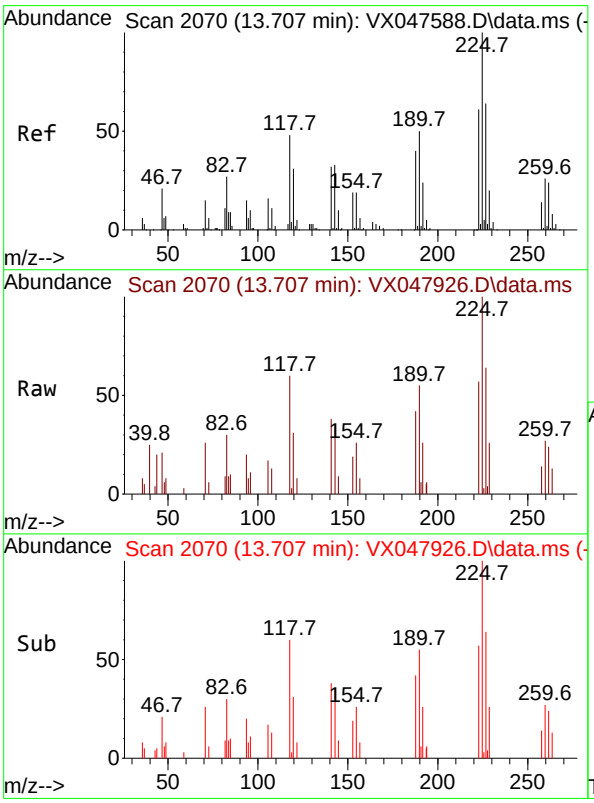
#93
1,2,4-Trichlorobenzene
Concen: 0.740 ug/l
RT: 13.573 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion:180 Resp: 2045

Ion	Ratio	Lower	Upper
180	100		
182	105.6	46.6	139.8
145	36.0	16.4	49.1

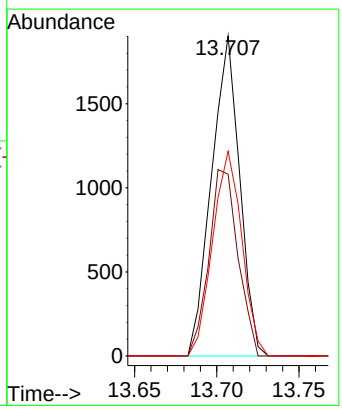


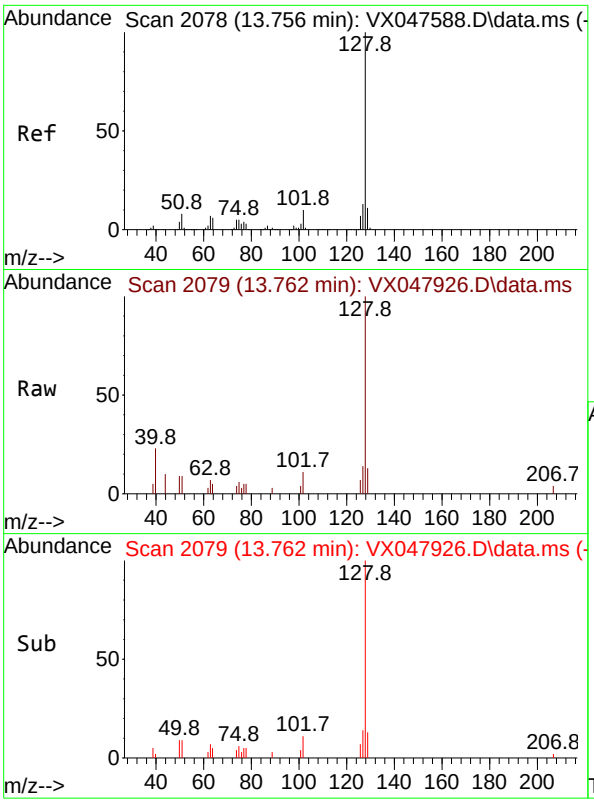


#94
Hexachlorobutadiene
Concen: 2.417 ug/l
RT: 13.707 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion:225 Resp: 2268

Ion	Ratio	Lower	Upper
225	100		
223	60.2	31.7	95.1
227	66.3	32.0	96.0



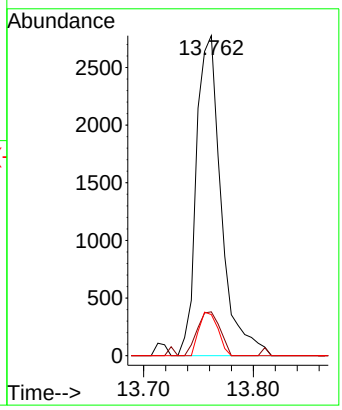


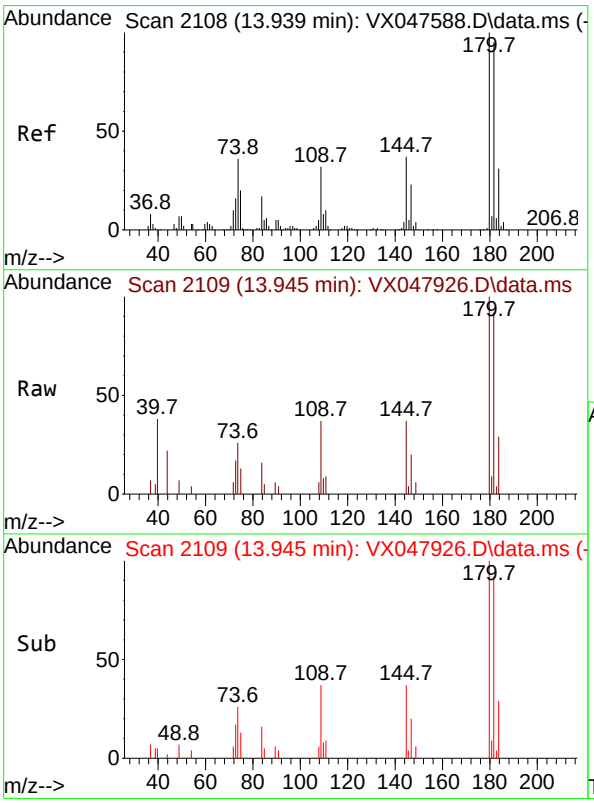
#95
Naphthalene
Concen: 0.519 ug/l
RT: 13.762 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Instrument :
MSVOA_X
ClientSampleId :
VX1001MBL01

Tgt Ion:128 Resp: 4370

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.4	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.828 ug/l
RT: 13.945 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX047926.D
Acq: 01 Oct 2025 09:14

Tgt Ion:180 Resp: 2127

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.8
145	35.9	17.9	53.7