Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047954.D
Acq On : 02 Oct 2025 09:20
Operator : JC/MD
Sample : VX1002MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Quant Time: Oct 03 03:25:10 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

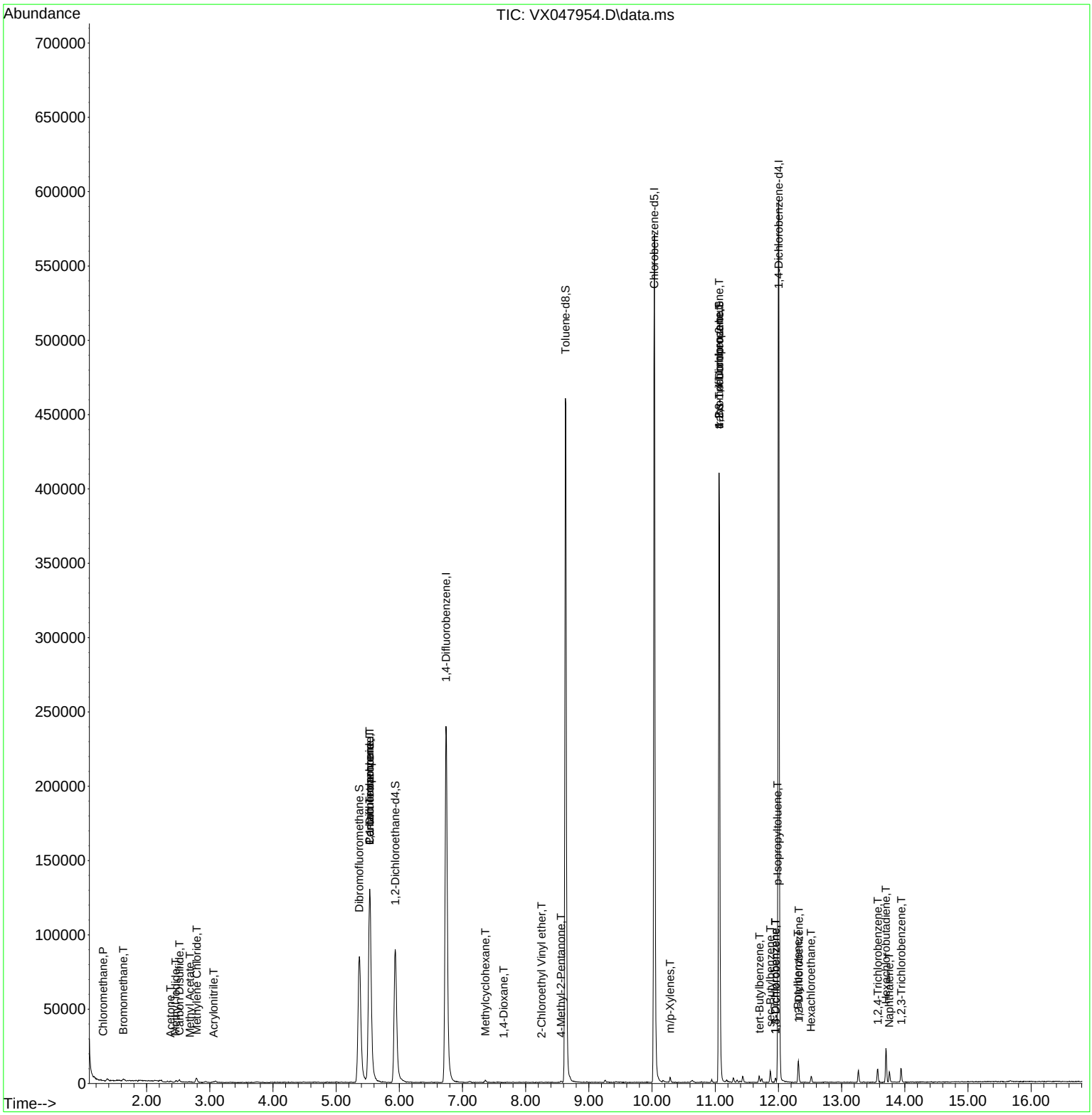
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.531	168	130635	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	260130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	261662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	98600	47.418	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.840%			
35) Dibromofluoromethane	5.367	113	84827	48.623	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.240%			
50) Toluene-d8	8.628	98	290638	48.146	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.300%			
62) 4-Bromofluorobenzene	11.061	95	119232	52.044	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.080%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	370	0.208	ug/l #	42
5) Bromomethane	1.630	94	427	0.387	ug/l #	78
10) Methyl Iodide	2.459	142	1485	0.630	ug/l #	90
15) Acrylonitrile	3.062	53	534	0.623	ug/l #	56
16) Acetone	2.380	43	679	0.751	ug/l #	62
17) Carbon Disulfide	2.520	76	1761	0.414	ug/l	98
18) Methyl Acetate	2.684	43	439	0.218	ug/l #	54
20) Methylene Chloride	2.794	84	1388	0.725	ug/l #	84
36) 1,1-Dichloropropene	5.531	75	11279	4.424	ug/l #	51
38) Carbon Tetrachloride	5.531	117	13608	4.913	ug/l #	18
39) Methylcyclohexane	7.360	83	690	0.238	ug/l #	69
49) 1,4-Dioxane	7.653	88	23	1.021	ug/l #	21
51) 4-Methyl-2-Pentanone	8.561	43	801	0.323	ug/l	88
58) 2-Chloroethyl Vinyl ether	8.250	63	77	7.948	ug/l #	47
68) m/p-Xylenes	10.287	106	878	0.230	ug/l	90
76) 1,2,3-Trichloropropane	11.061	75	63388	24.609	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	63388	62.756	ug/l #	8
83) tert-Butylbenzene	11.701	119	1777	0.218	ug/l	91
85) sec-Butylbenzene	11.872	105	4296	0.445	ug/l	96
86) p-Isopropyltoluene	11.988	119	3613	0.442	ug/l	89
87) 1,3-Dichlorobenzene	11.951	146	1151	0.260	ug/l	93
88) 1,4-Dichlorobenzene	11.951	146	1151	0.253	ug/l	94
89) n-Butylbenzene	12.311	91	5654	0.747	ug/l	98
90) Hexachloroethane	12.518	117	672	0.468	ug/l	97
91) 1,2-Dichlorobenzene	12.323	146	959	0.227	ug/l	92
93) 1,2,4-Trichlorobenzene	13.573	180	2407	0.879	ug/l	98
94) Hexachlorobutadiene	13.701	225	3256	3.499	ug/l	93
95) Naphthalene	13.756	128	4827	0.579	ug/l	97
96) 1,2,3-Trichlorobenzene	13.945	180	2503	0.982	ug/l	99

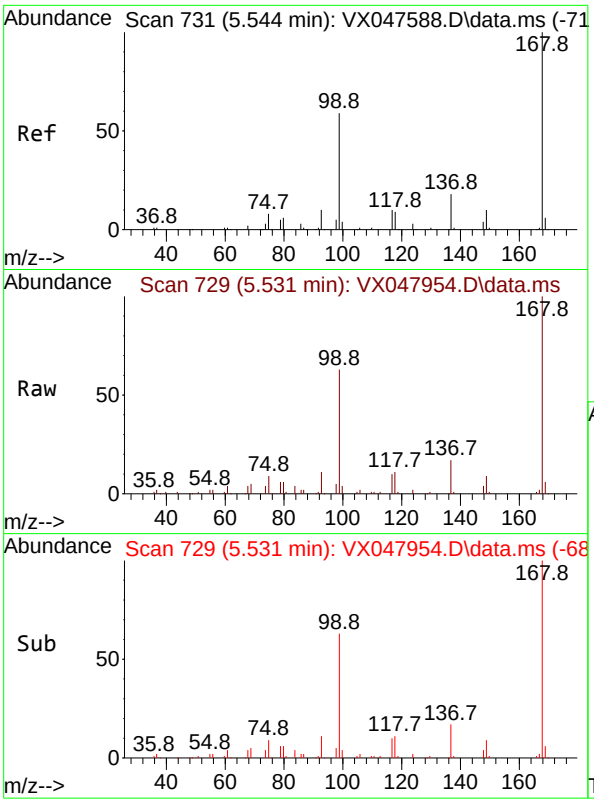
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
Data File : VX047954.D
Acq On : 02 Oct 2025 09:20
Operator : JC/MD
Sample : VX1002MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Quant Time: Oct 03 03:25:10 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



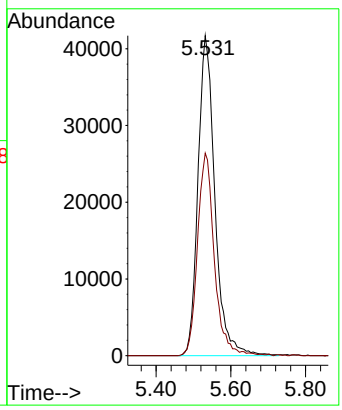


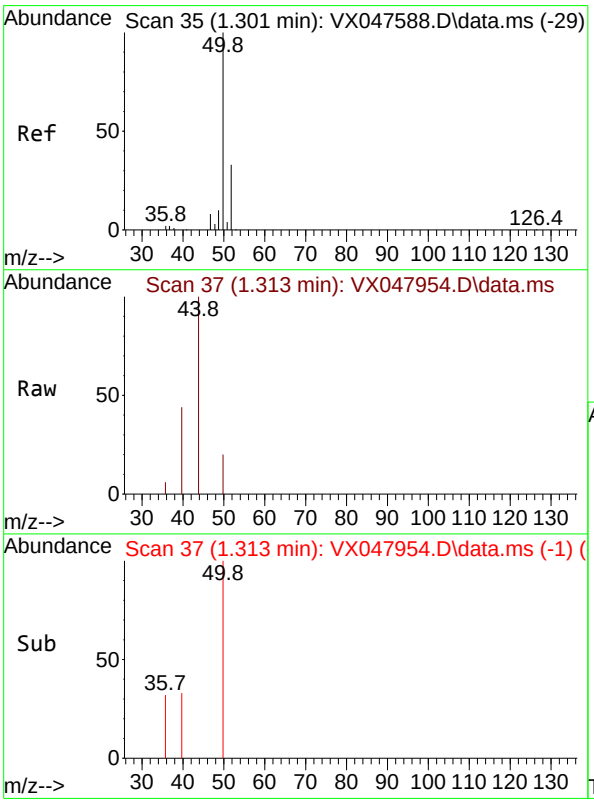
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.013 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion:168 Resp: 130635

Ion	Ratio	Lower	Upper
168	100		
99	63.3	48.8	73.2

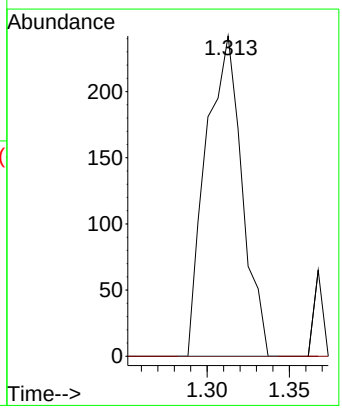


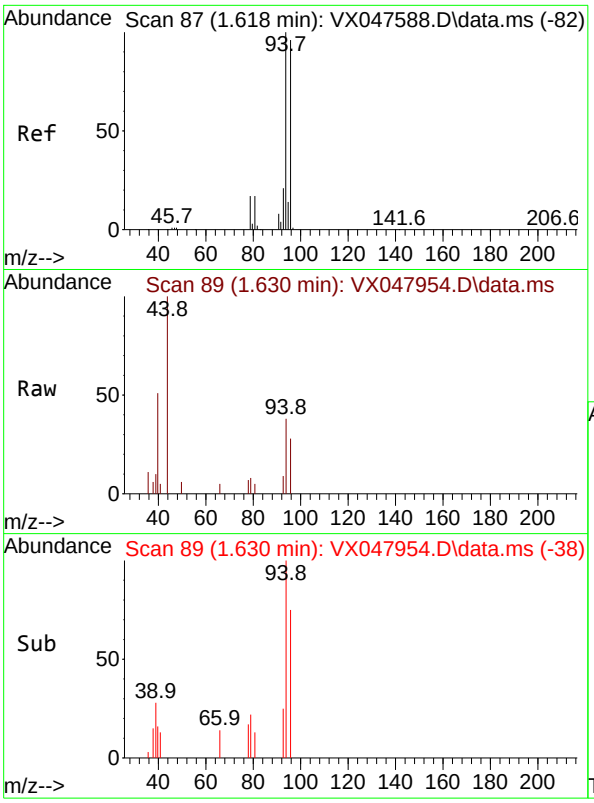


#3
Chloromethane
Concen: 0.208 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion: 50 Resp: 370

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.1	39.1#



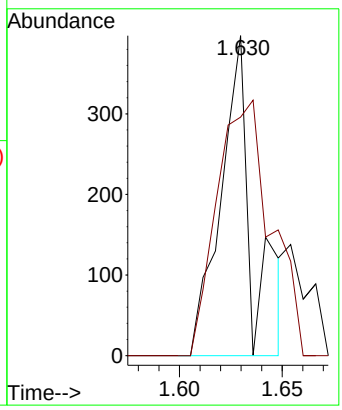


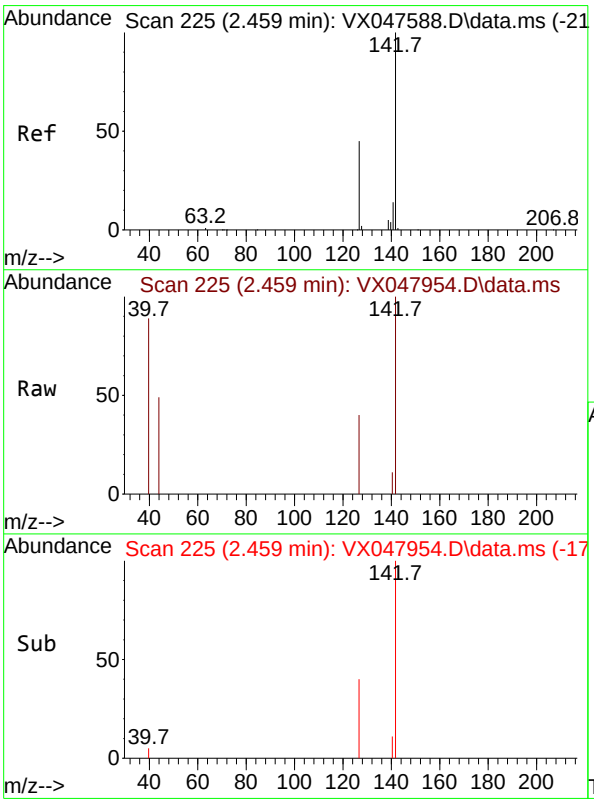
#5
Bromomethane
Concen: 0.387 ug/l
RT: 1.630 min Scan# 8
Delta R.T. 0.012 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion: 94 Resp: 427

Ion	Ratio	Lower	Upper
94	100		
96	74.6	76.6	115.0#

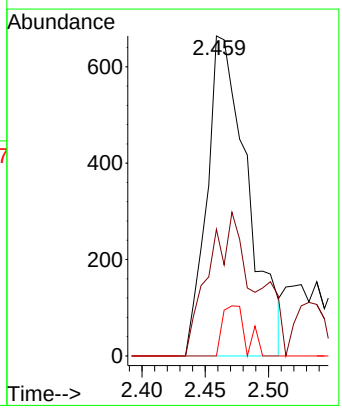


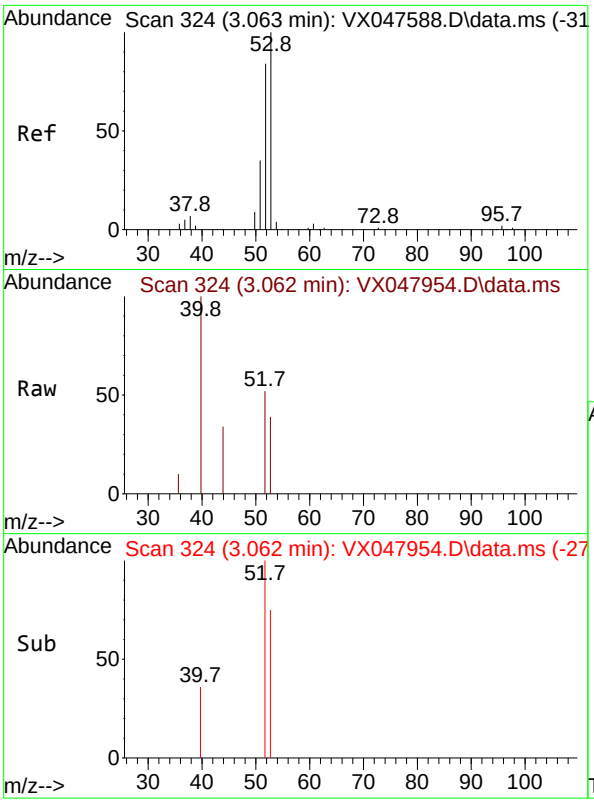


#10
Methyl Iodide
Concen: 0.630 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion:142 Resp: 1485

Ion	Ratio	Lower	Upper
142	100		
127	40.8	37.2	55.8
141	9.0	11.4	17.0#



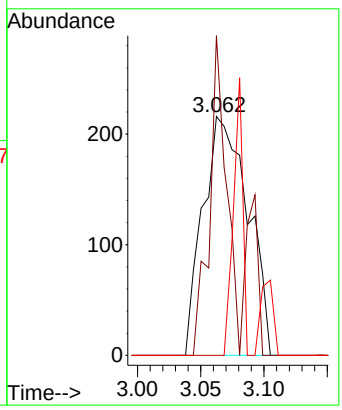


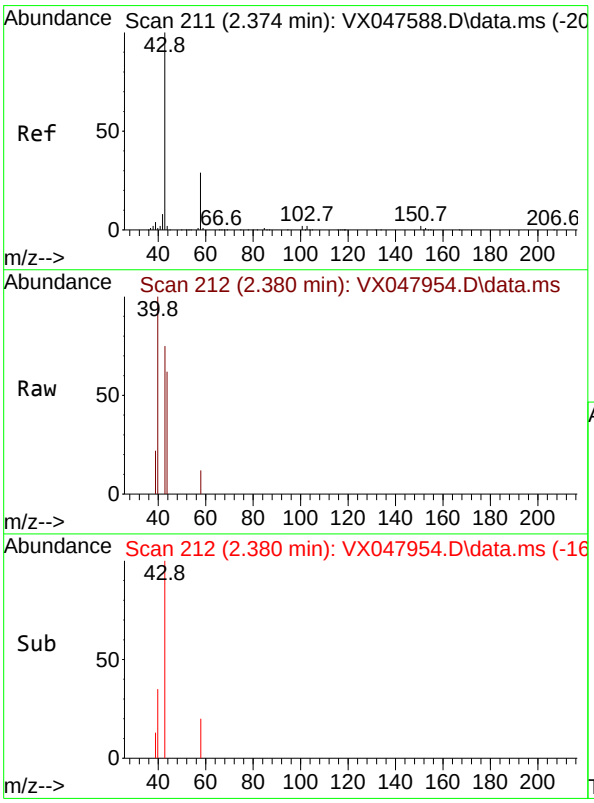
#15
Acrylonitrile
Concen: 0.623 ug/l
RT: 3.062 min Scan# 3
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion: 53 Resp: 534

Ion	Ratio	Lower	Upper
53	100		
52	50.6	66.4	99.6#
51	0.0	29.5	44.3#

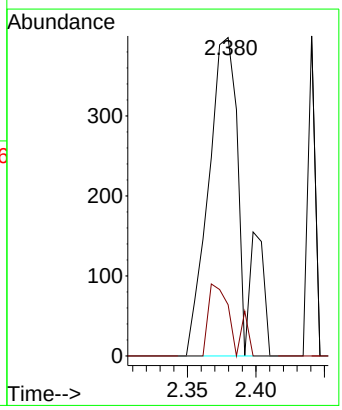


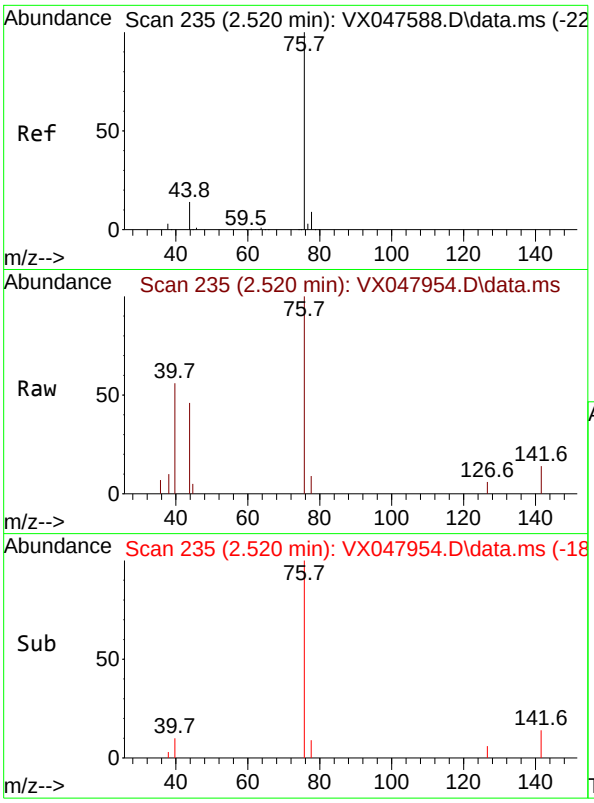


#16
Acetone
Concen: 0.751 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion: 43 Resp: 679

Ion	Ratio	Lower	Upper
43	100		
58	8.8	23.4	35.0#



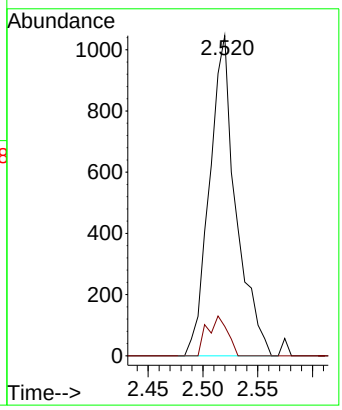


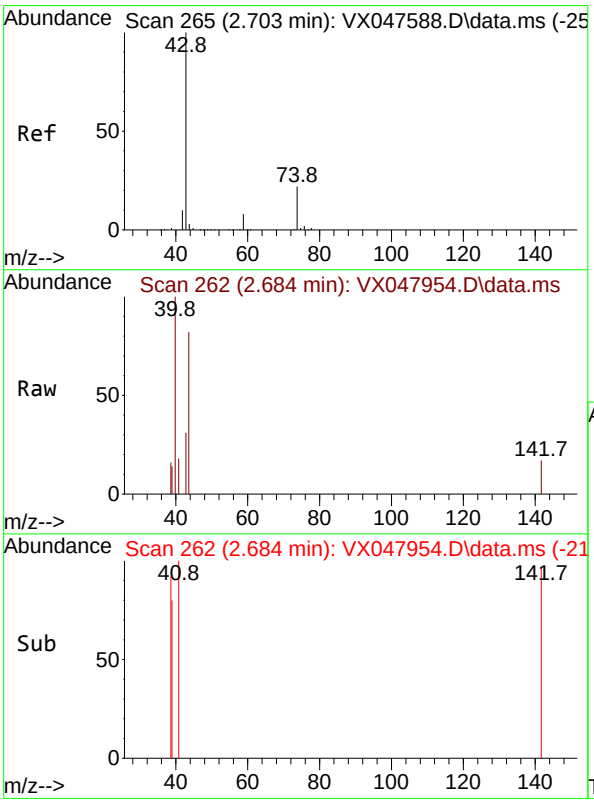
#17
Carbon Disulfide
Concen: 0.414 ug/l
RT: 2.520 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion: 76 Resp: 1761

Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.8	10.2

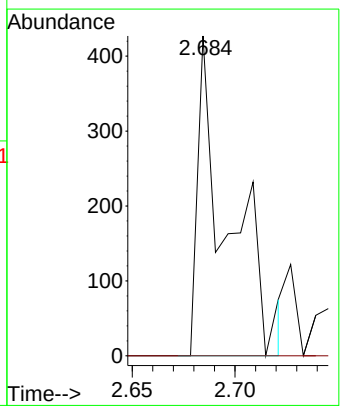


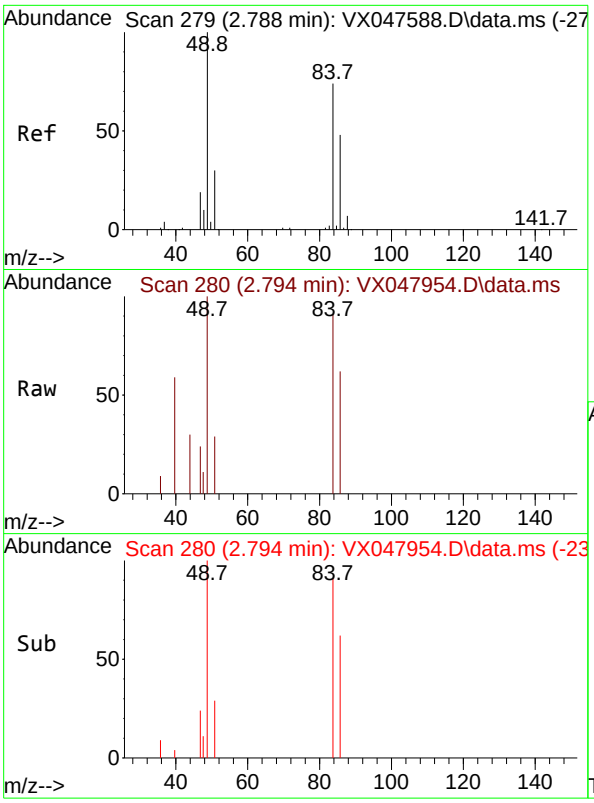


#18
Methyl Acetate
Concen: 0.218 ug/l
RT: 2.684 min Scan# 262
Delta R.T. -0.018 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion: 43 Resp: 439

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.4	26.2#



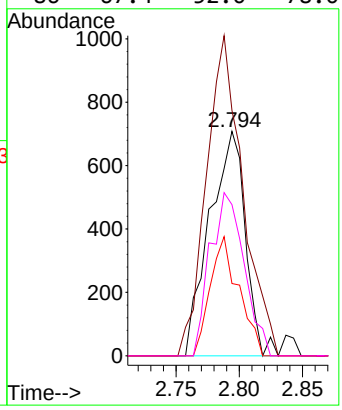


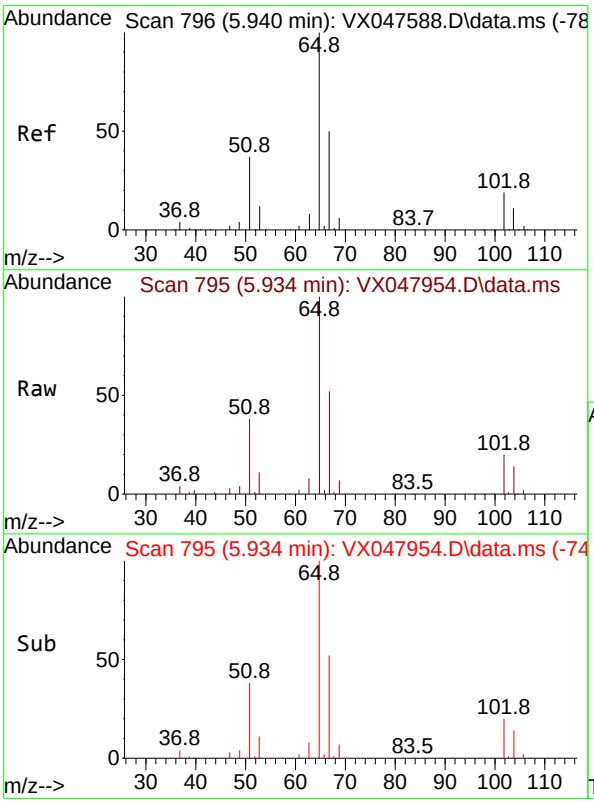
#20
Methylene Chloride
Concen: 0.725 ug/l
RT: 2.794 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion: 84 Resp: 1388

Ion	Ratio	Lower	Upper
84	100		
49	109.3	108.6	162.8
51	32.2	32.6	48.8#
86	67.4	52.0	78.0

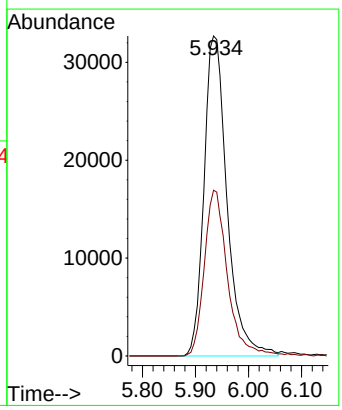


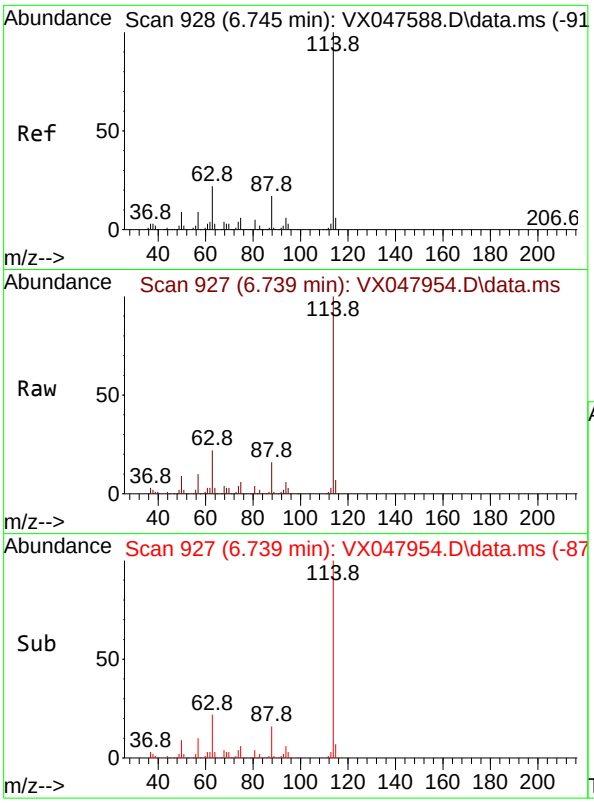


#33
1,2-Dichloroethane-d4
Concen: 47.418 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion: 65 Resp: 98600

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.0



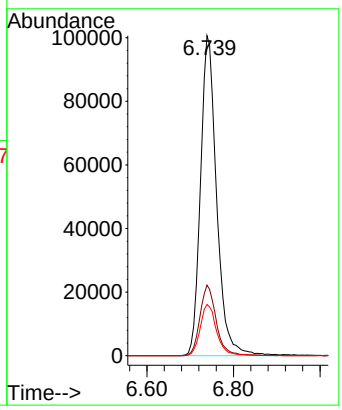


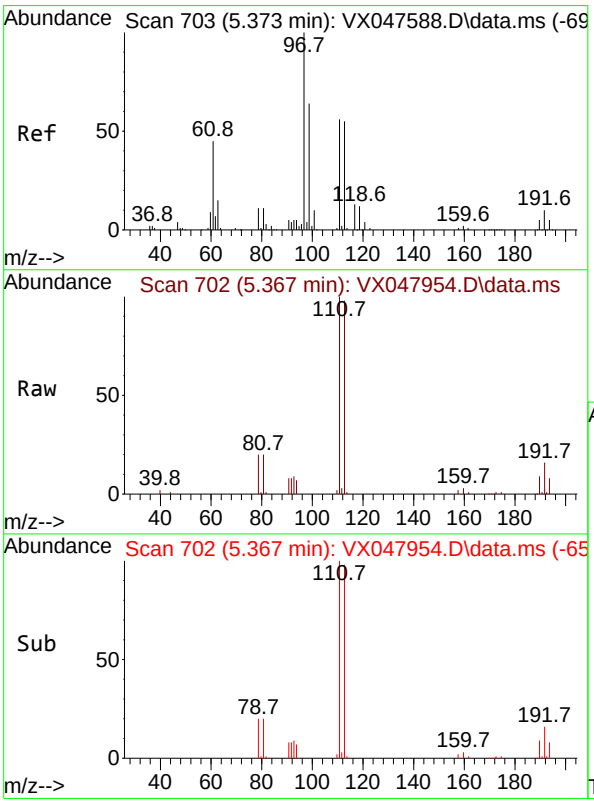
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion:114 Resp: 260130

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

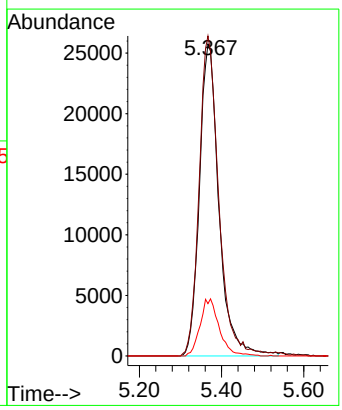


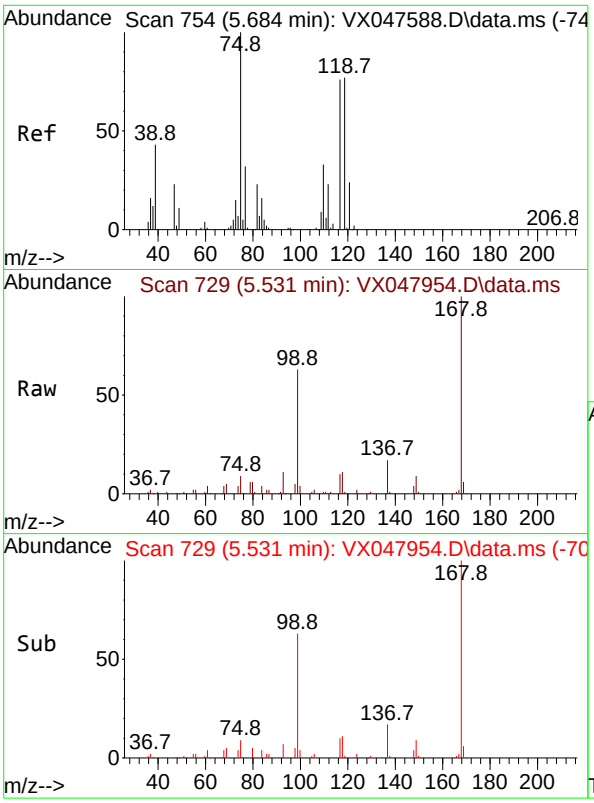


#35
Dibromofluoromethane
Concen: 48.623 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion:113 Resp: 84827

Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.9	121.3
192	18.0	14.2	21.4



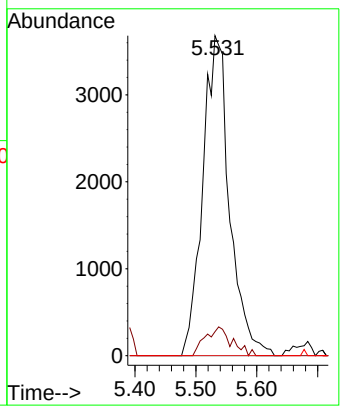


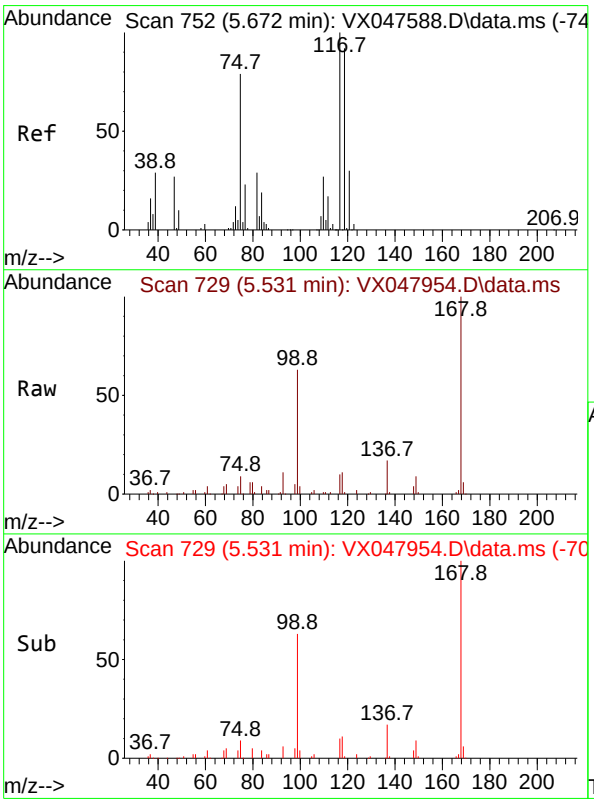
#36
1,1-Dichloropropene
Concen: 4.424 ug/l
RT: 5.531 min Scan# 7
Delta R.T. -0.153 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion: 75 Resp: 11279

Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.7	50.1#
77	0.0	24.3	36.5#

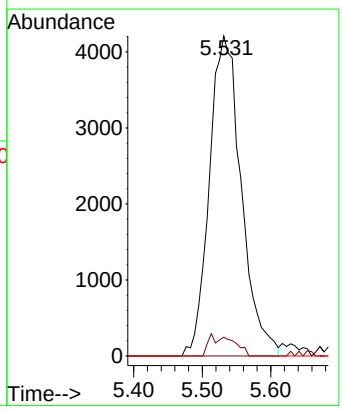


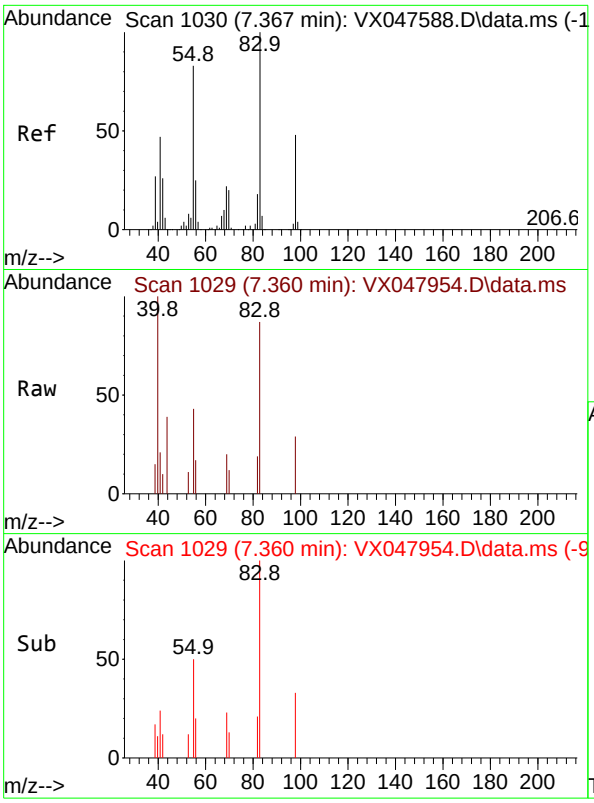


#38
Carbon Tetrachloride
Concen: 4.913 ug/l
RT: 5.531 min Scan# 729
Delta R.T. -0.140 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion:117 Resp: 13608

Ion	Ratio	Lower	Upper
117	100		
119	5.8	73.4	110.2#
121	0.0	23.8	35.6#



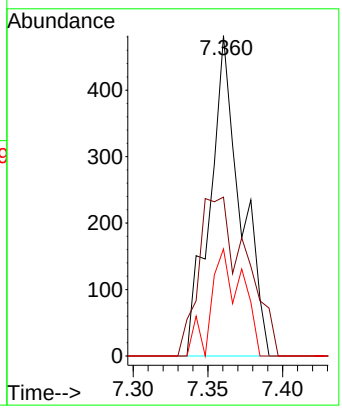


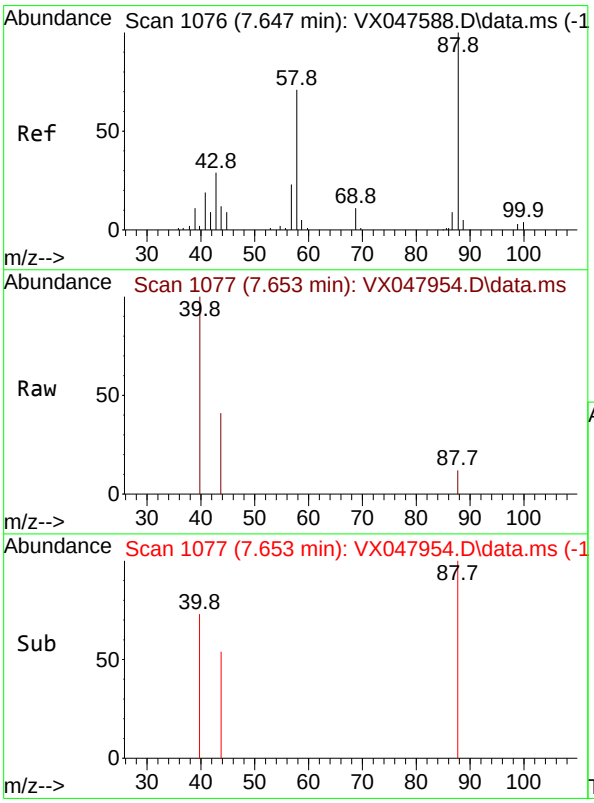
#39
Methylcyclohexane
Concen: 0.238 ug/l
RT: 7.360 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion: 83 Resp: 690

Ion	Ratio	Lower	Upper
83	100		
55	49.6	66.4	99.6#
98	33.4	38.1	57.1#

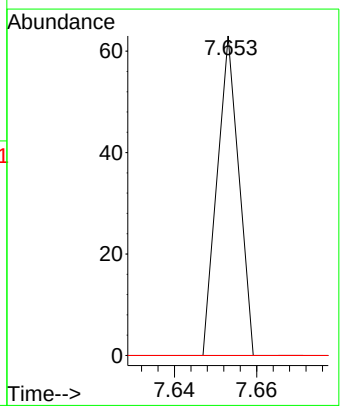


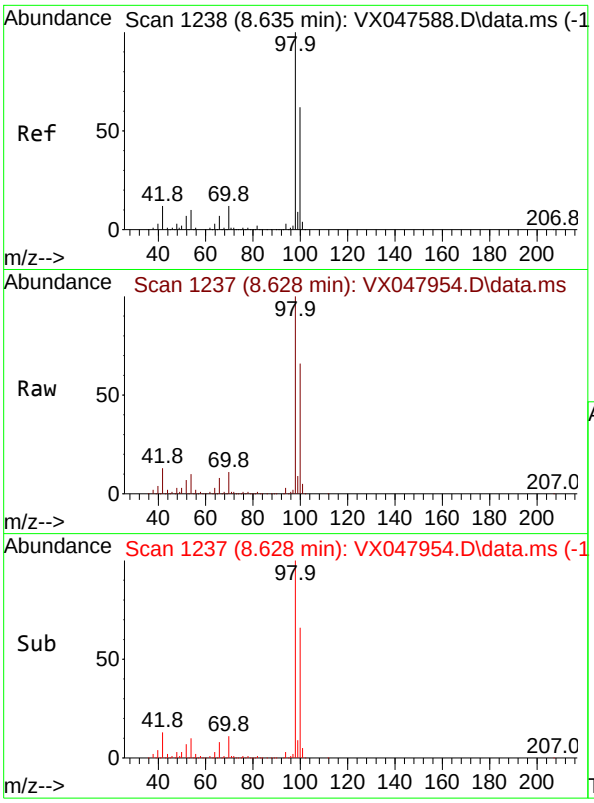


#49
1,4-Dioxane
Concen: 1.021 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion: 88 Resp: 23

Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.2	45.2#
58	0.0	59.5	89.3#



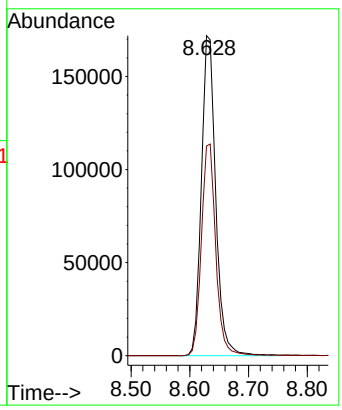


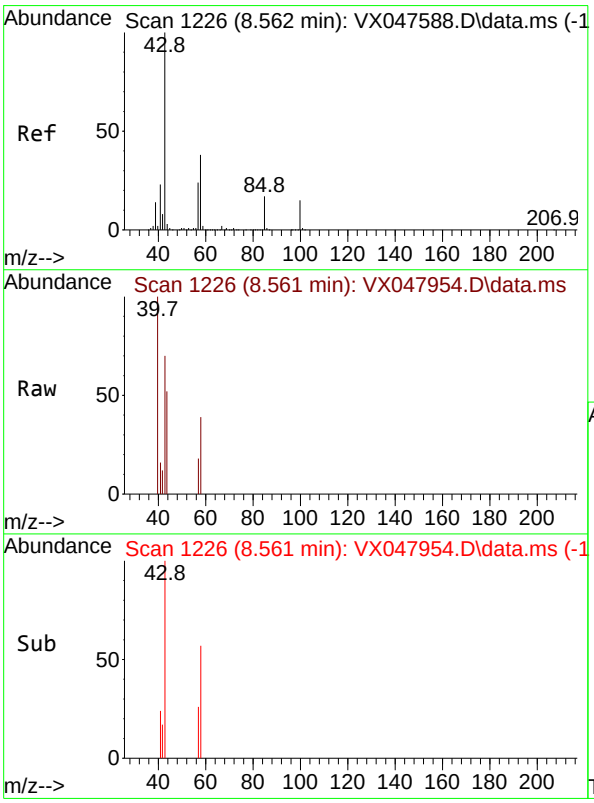
#50
Toluene-d8
Concen: 48.146 ug/l
RT: 8.628 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion: 98 Resp: 290638

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.4

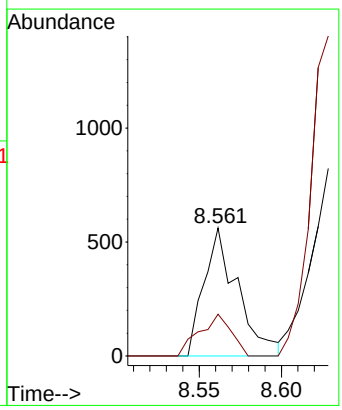


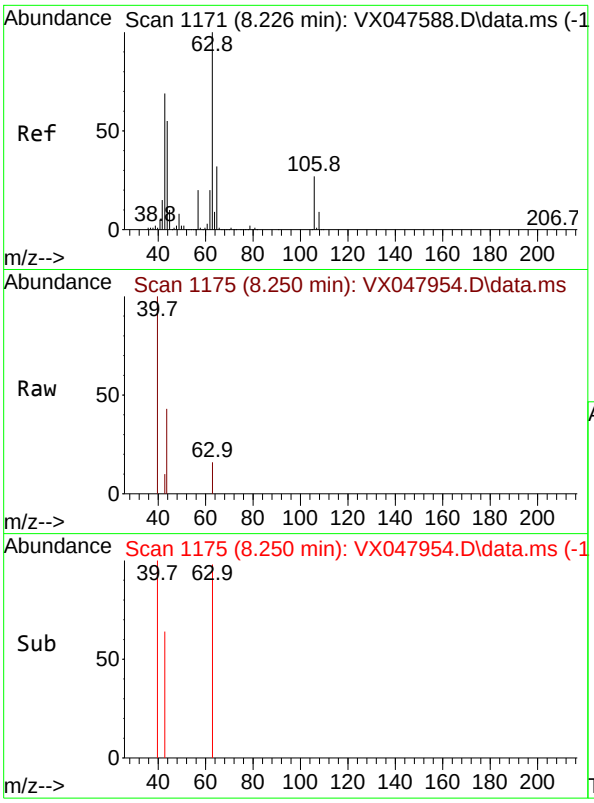


#51
4-Methyl-2-Pentanone
Concen: 0.323 ug/l
RT: 8.561 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion: 43 Resp: 801

Ion	Ratio	Lower	Upper
43	100		
58	30.7	30.3	45.5



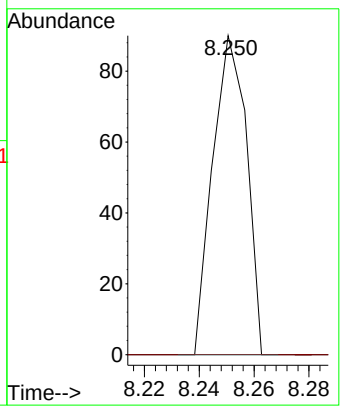


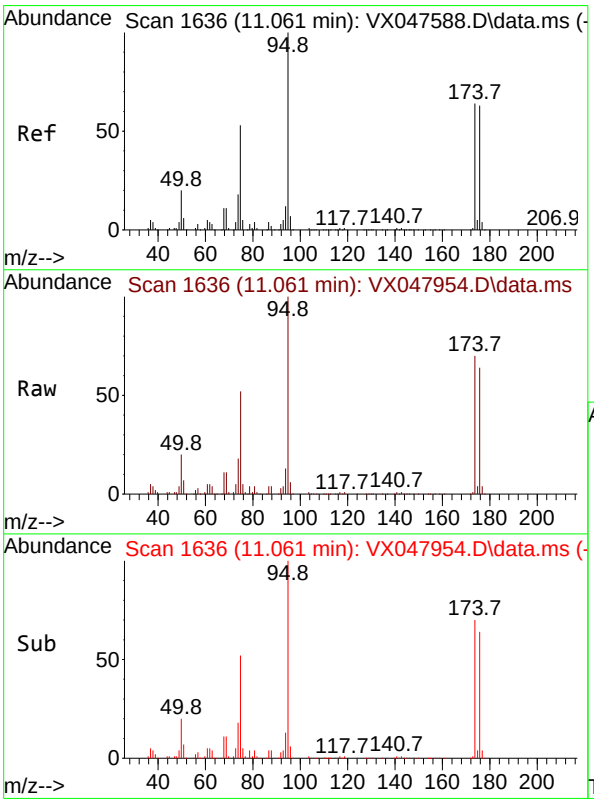
#58
2-Chloroethyl Vinyl ether
Concen: 7.948 ug/l
RT: 8.250 min Scan# 1
Delta R.T. 0.024 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion: 63 Resp: 77

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.9	32.9#

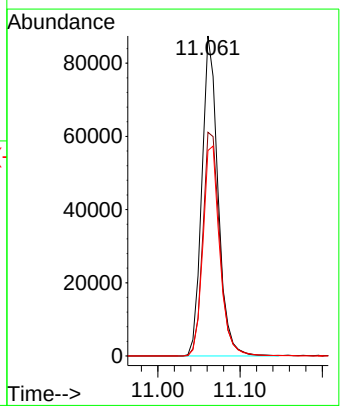


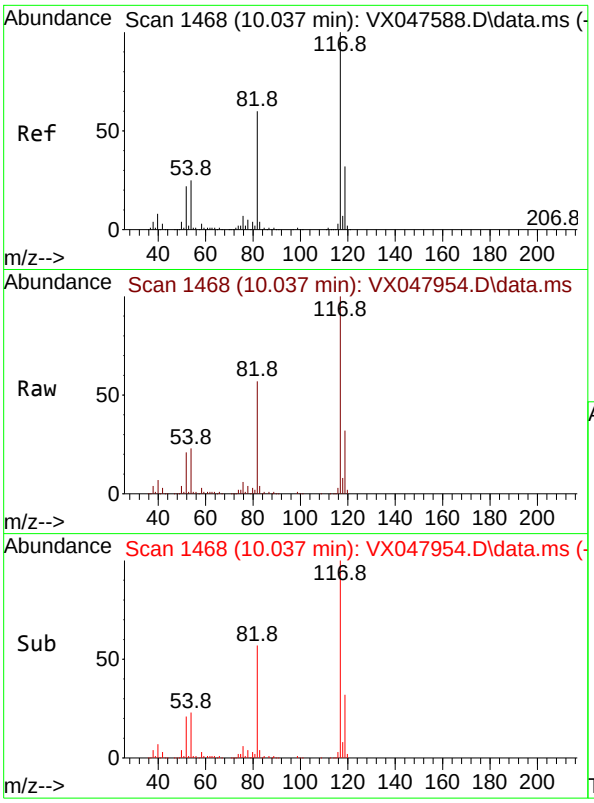


#62
4-Bromofluorobenzene
Concen: 52.044 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion: 95 Resp: 119232

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	141.6
176	68.6	0.0	138.4



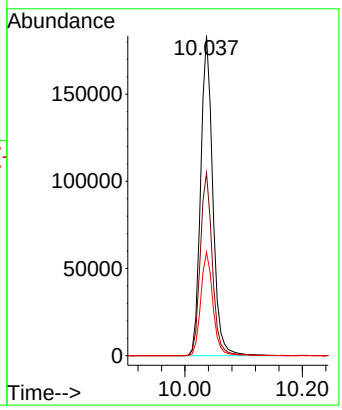


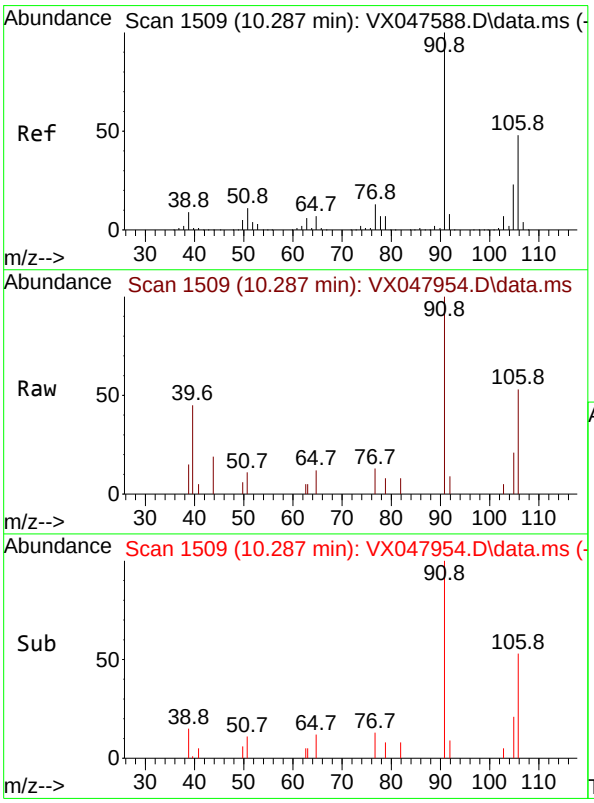
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion:117 Resp: 261662

Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.8	71.6
119	32.4	25.2	37.8

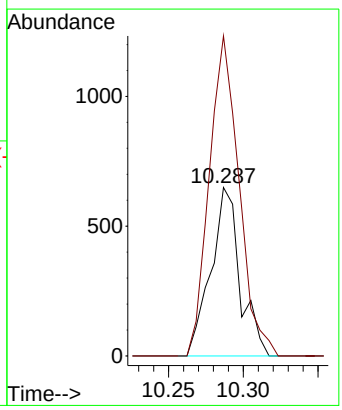


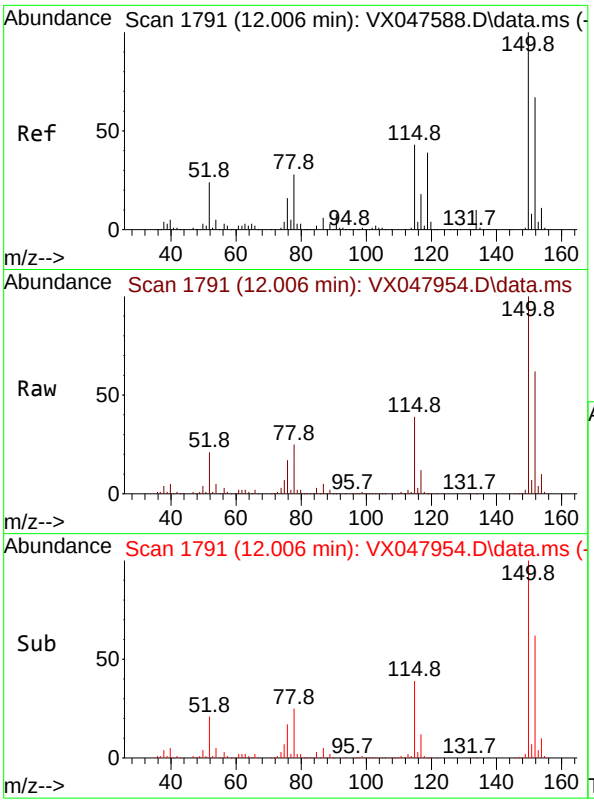


#68
m/p-Xylenes
Concen: 0.230 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion:106 Resp: 878

Ion	Ratio	Lower	Upper
106	100		
91	194.4	167.8	251.8



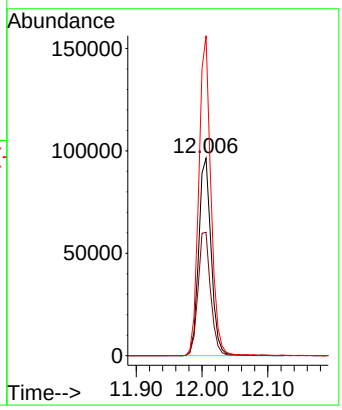


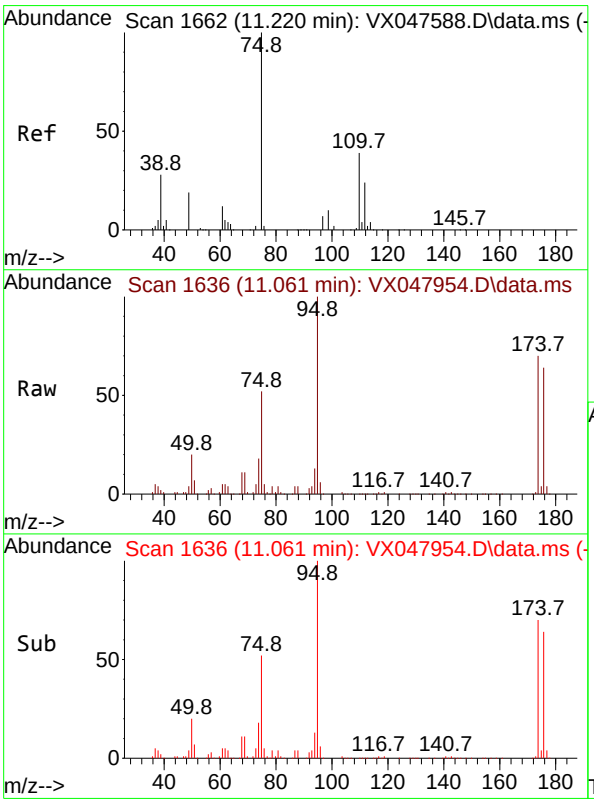
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion:152 Resp: 127220

Ion	Ratio	Lower	Upper
152	100		
115	63.4	44.9	134.5
150	156.7	0.0	352.0

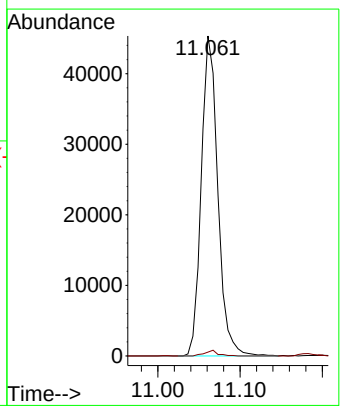


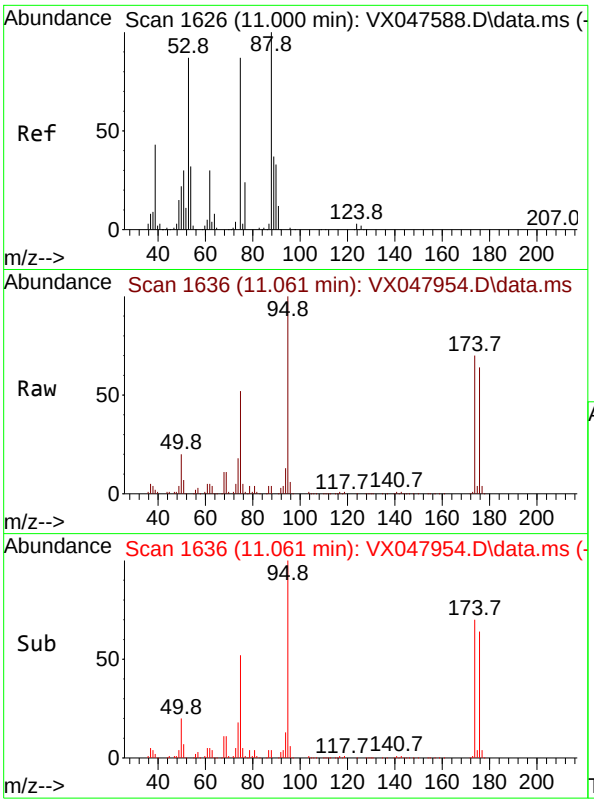


#76
1,2,3-Trichloropropane
Concen: 24.609 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.159 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion: 75 Resp: 63388

Ion	Ratio	Lower	Upper
75	100		
77	1.4	18.8	56.4#



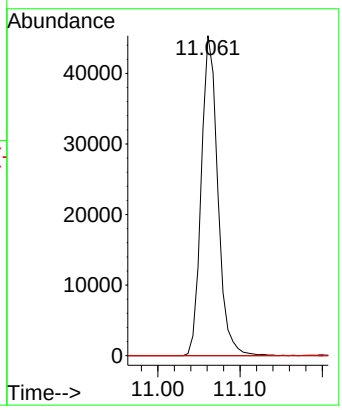


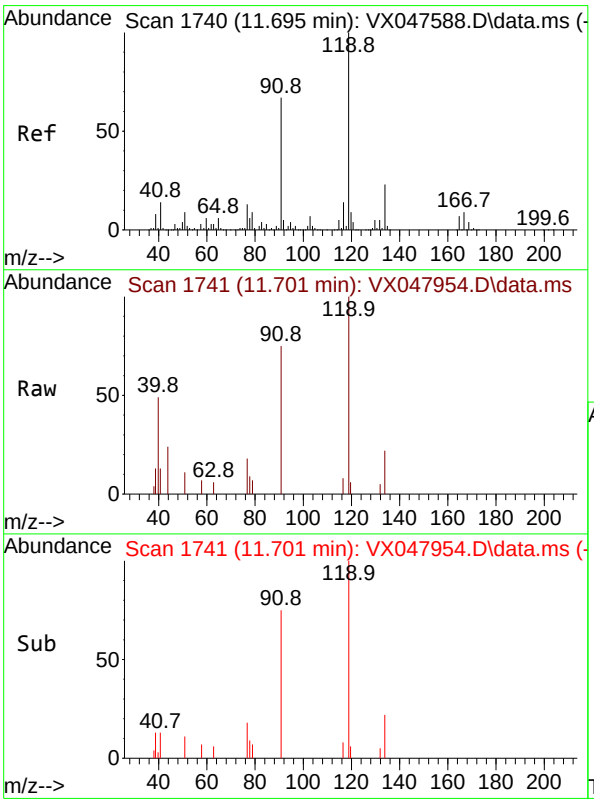
#81
trans-1,4-Dichloro-2-butene
Concen: 62.756 ug/l
RT: 11.061 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion: 75 Resp: 63388

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

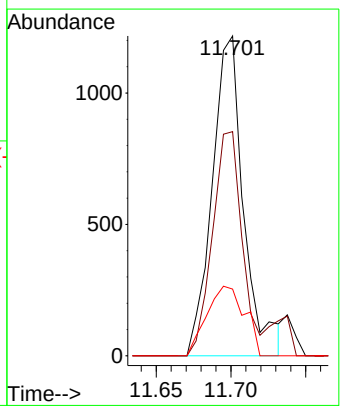


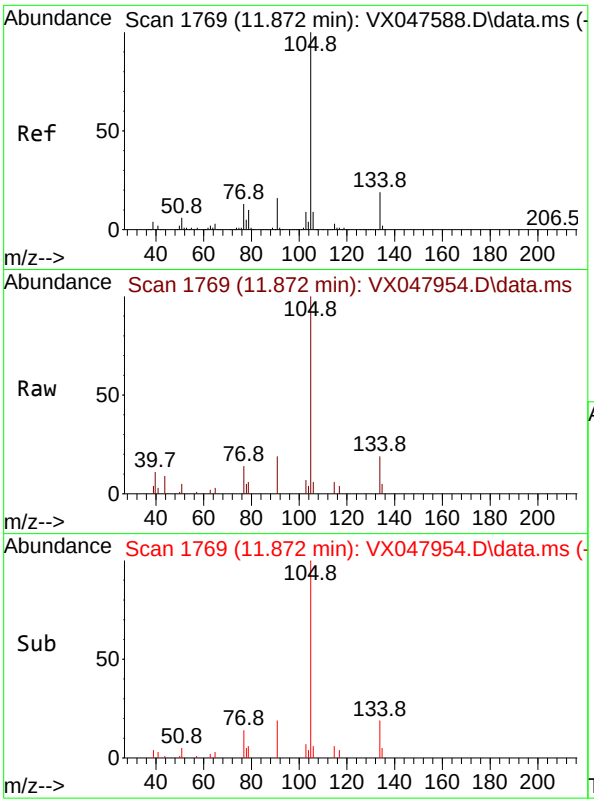


#83
tert-Butylbenzene
Concen: 0.218 ug/l
RT: 11.701 min Scan# 1741
Delta R.T. 0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion:119 Resp: 1777

Ion	Ratio	Lower	Upper
119	100		
91	66.1	29.6	88.8
134	26.2	11.0	33.0



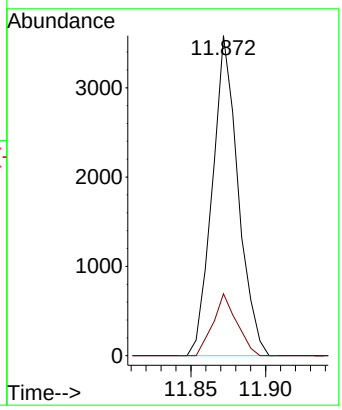


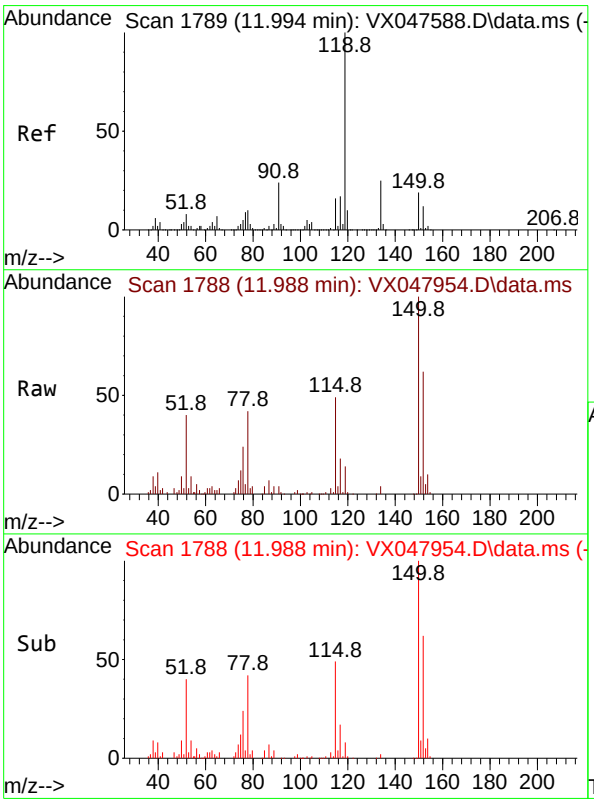
#85
sec-Butylbenzene
Concen: 0.445 ug/l
RT: 11.872 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion:105 Resp: 4296

Ion	Ratio	Lower	Upper
105	100		
134	17.8	9.8	29.5

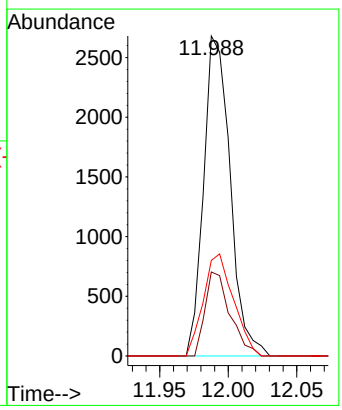


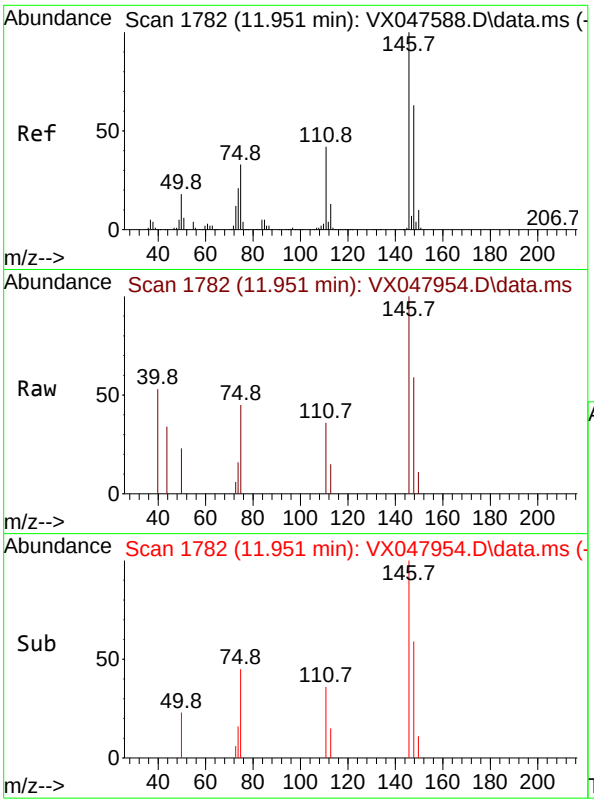


#86
p-Isopropyltoluene
Concen: 0.442 ug/l
RT: 11.988 min Scan# 1788
Delta R.T. -0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion:119 Resp: 3613

Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.6	37.8
91	36.2	12.6	37.6



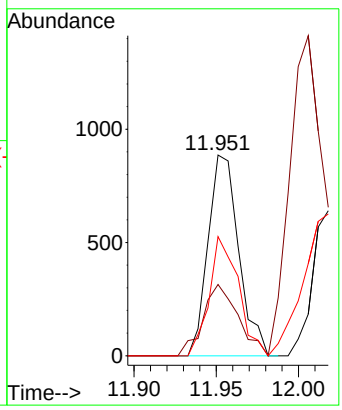


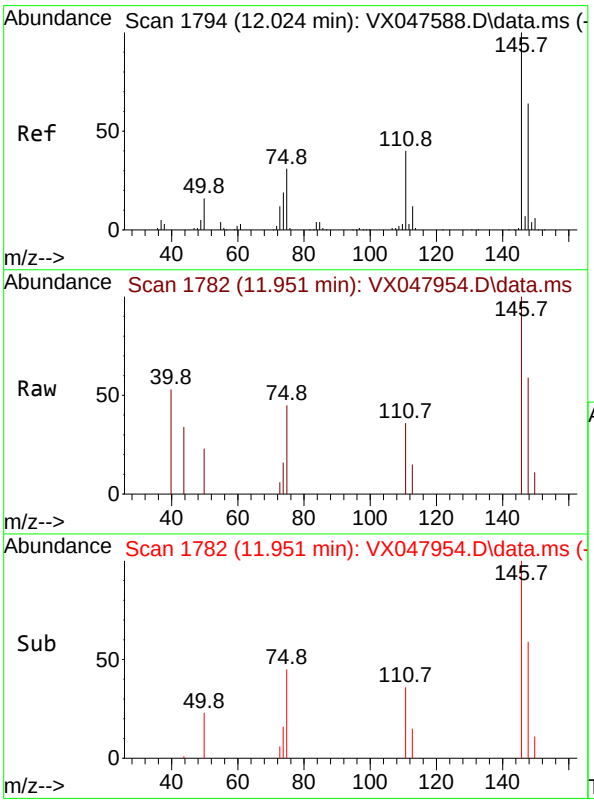
#87
1,3-Dichlorobenzene
Concen: 0.260 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion:146 Resp: 1151

Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.5	64.5
148	56.5	32.0	96.0

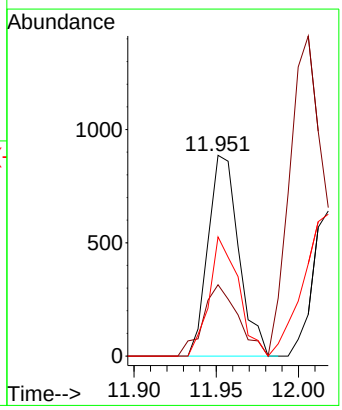


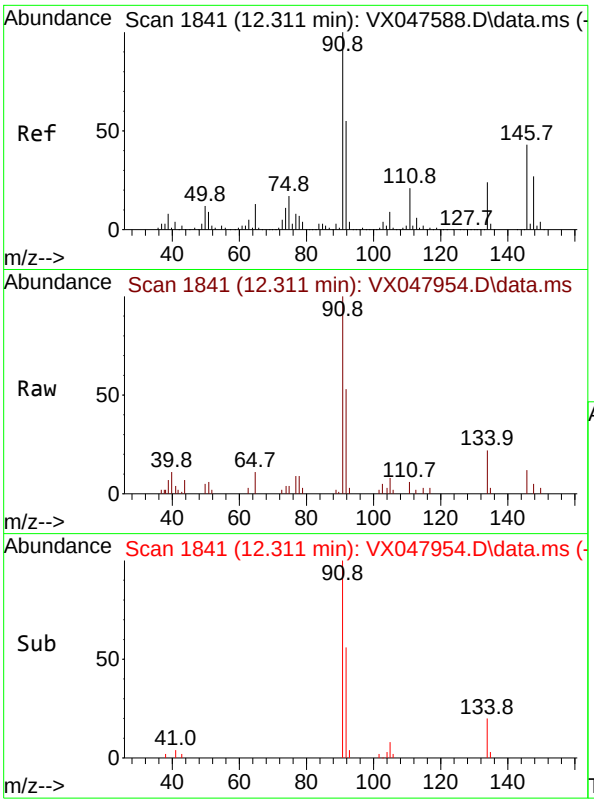


#88
1,4-Dichlorobenzene
Concen: 0.253 ug/l
RT: 11.951 min Scan# 1782
Delta R.T. -0.073 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion:146 Resp: 1151

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.8	62.4
148	56.5	31.7	95.1



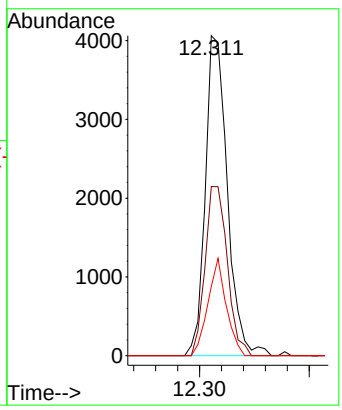


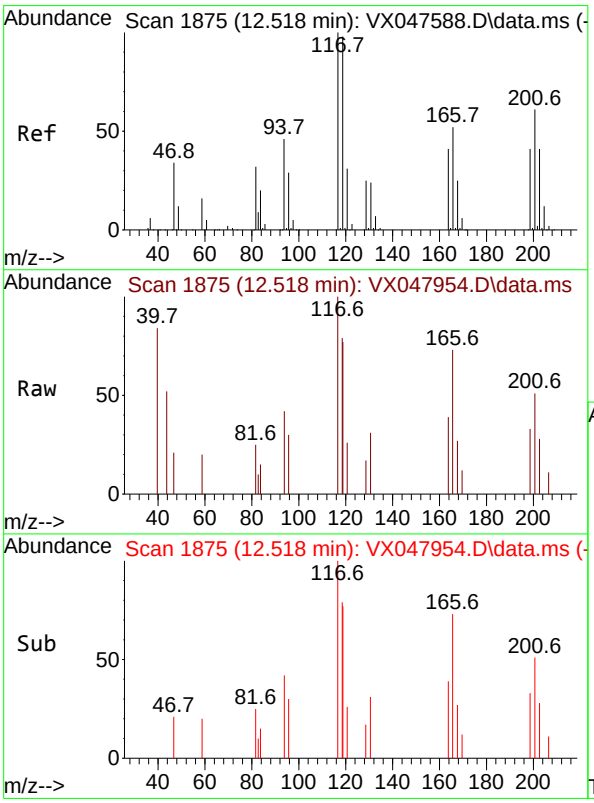
#89
n-Butylbenzene
Concen: 0.747 ug/l
RT: 12.311 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion: 91 Resp: 5654

Ion	Ratio	Lower	Upper
91	100		
92	53.4	27.6	82.7
134	25.4	12.6	37.8

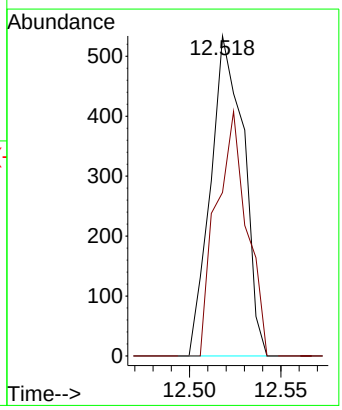


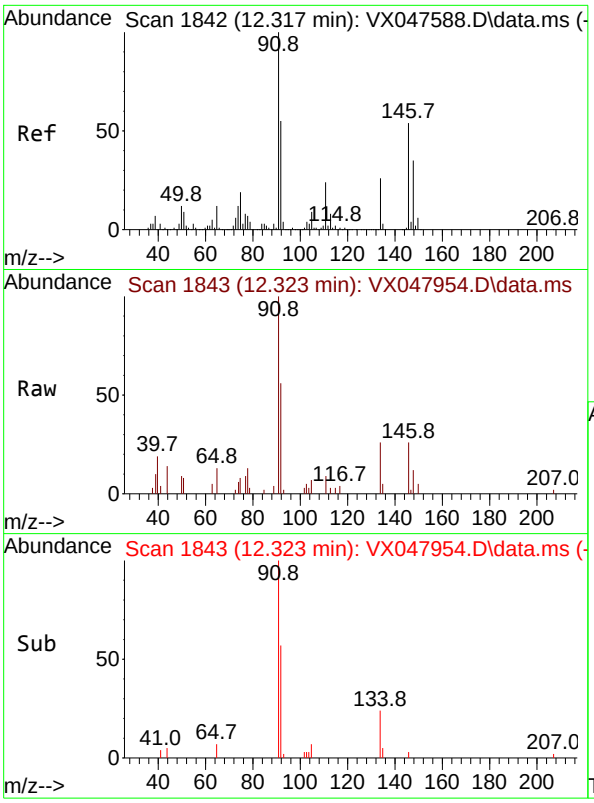


#90
Hexachloroethane
Concen: 0.468 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion:117 Resp: 672

Ion	Ratio	Lower	Upper
117	100		
201	70.8	34.2	102.5



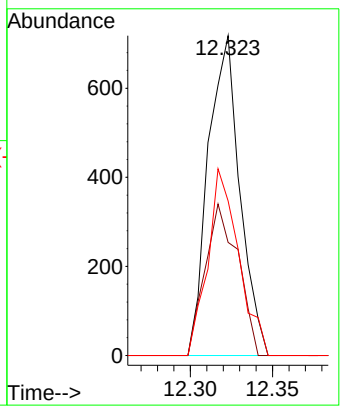


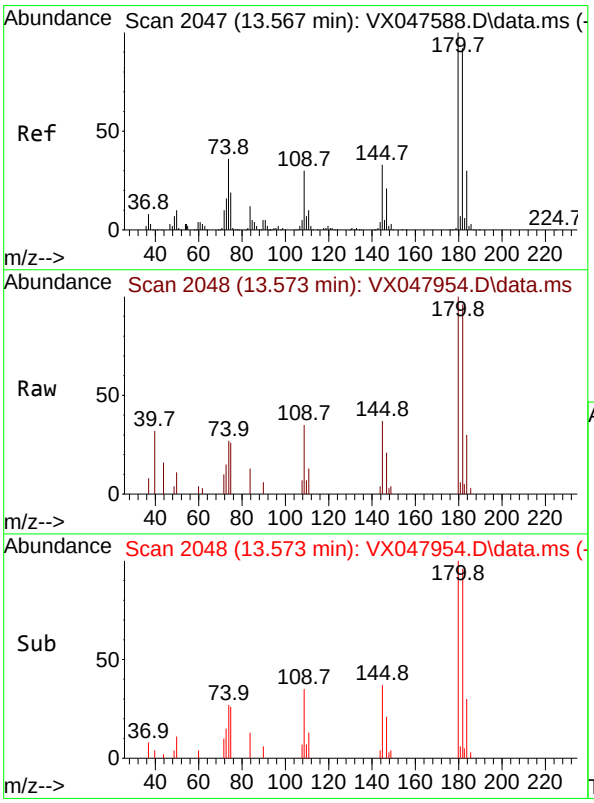
#91
1,2-Dichlorobenzene
Concen: 0.227 ug/l
RT: 12.323 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion:146 Resp: 959

Ion	Ratio	Lower	Upper
146	100		
111	48.9	22.2	66.6
148	56.9	31.8	95.4

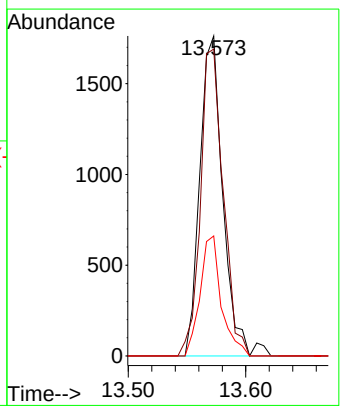


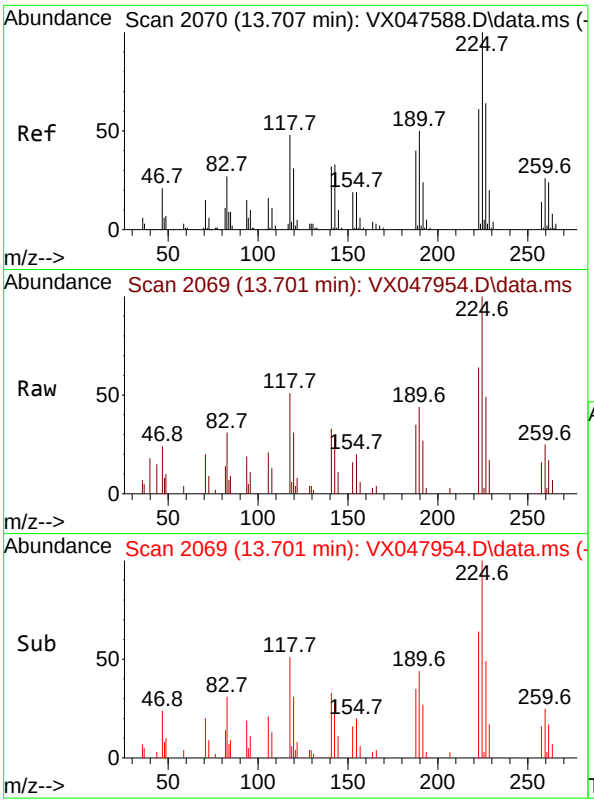


#93
1,2,4-Trichlorobenzene
Concen: 0.879 ug/l
RT: 13.573 min Scan# 2048
Delta R.T. 0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion:180 Resp: 2407

Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.6	139.8
145	34.6	16.4	49.1



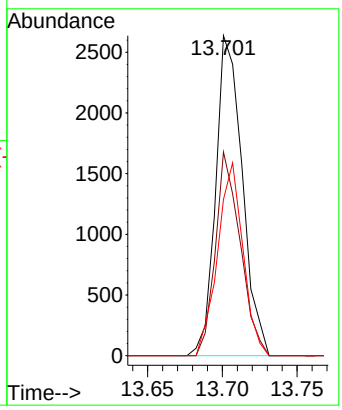


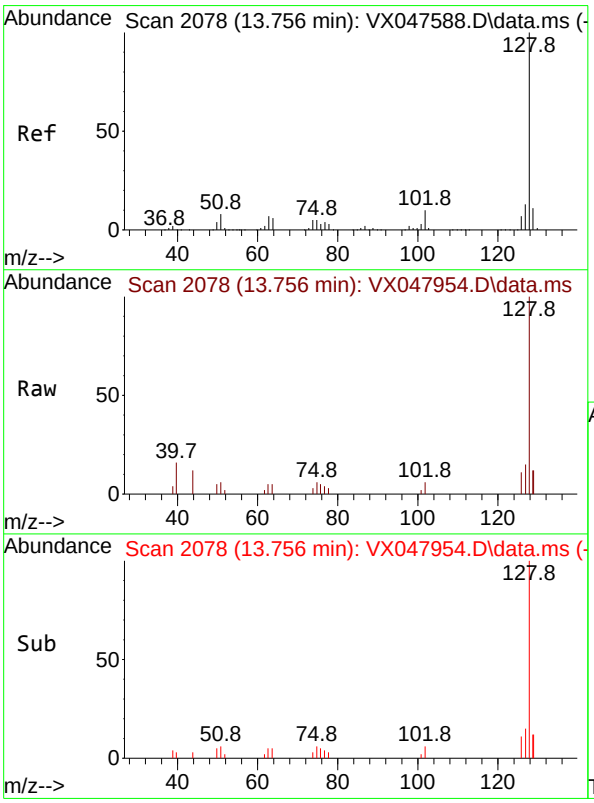
#94
Hexachlorobutadiene
Concen: 3.499 ug/l
RT: 13.701 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion:225 Resp: 3256

Ion	Ratio	Lower	Upper
225	100		
223	59.4	31.7	95.1
227	57.8	32.0	96.0

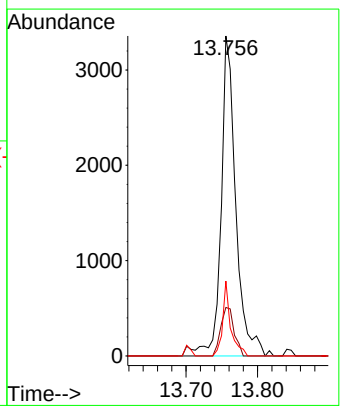


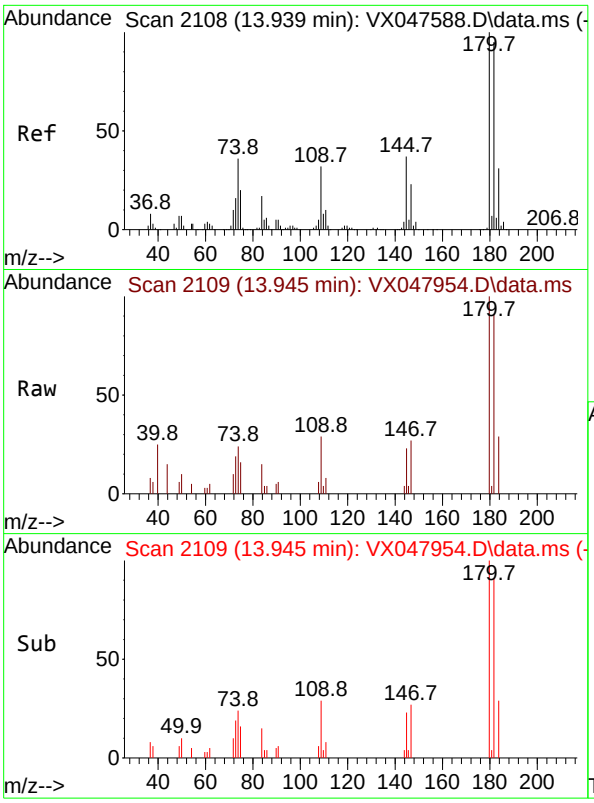


#95
Naphthalene
Concen: 0.579 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion:128 Resp: 4827

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.2	15.2
129	12.7	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.982 ug/l
RT: 13.945 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion:180 Resp: 2503

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.6	142.8
145	37.5	17.9	53.7