Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047001.D
Acq On : 15 Jul 2025 14:58
Operator : JC/MD
Sample : Q2602-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Quant Time: Jul 16 02:27:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

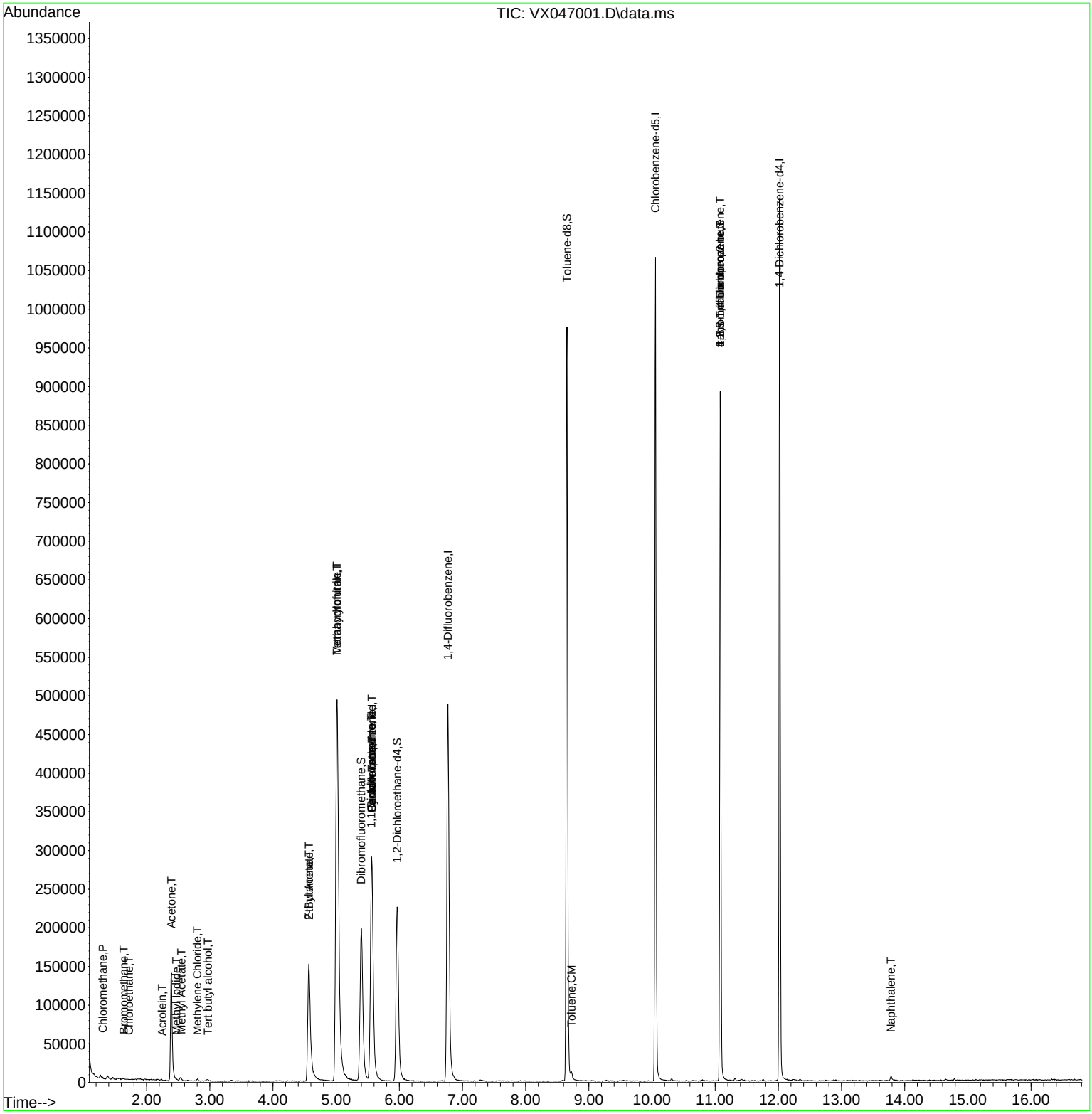
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	289959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	525606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	232262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	237008	61.872	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 123.740%#			
35) Dibromofluoromethane	5.397	113	185800	52.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.160%			
50) Toluene-d8	8.653	98	591149	46.961	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.920%			
62) 4-Bromofluorobenzene	11.079	95	243981	50.997	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.000%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	999	0.330	ug/l #	83
5) Bromomethane	1.636	94	612	0.289	ug/l #	76
6) Chloroethane	1.721	64	450	0.207	ug/l #	42
10) Methyl Iodide	2.471	142	887	0.250	ug/l #	86
11) Tert butyl alcohol	2.971	59	936	3.726	ug/l #	72
13) Acrolein	2.246	56	86	3.141	ug/l #	1
16) Acetone	2.392	43	171825	144.406	ug/l	98
18) Methyl Acetate	2.550	43	1767	0.563	ug/l #	53
20) Methylene Chloride	2.800	84	1309	0.372	ug/l #	78
25) 2-Butanone	4.568	43	296956	187.057	ug/l	98
29) Tetrahydrofuran	5.013	42	537007	530.649	ug/l	98
31) Cyclohexane	5.562	56	6292	1.149	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	23612	4.905	ug/l #	51
37) Ethyl Acetate	4.568	43	296956	72.429	ug/l #	71
38) Carbon Tetrachloride	5.562	117	30718	6.036	ug/l #	17
41) Methacrylonitrile	5.013	41	299932	137.136	ug/l #	43
52) Toluene	8.726	92	3869	0.429	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	125370	34.934	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	125370	93.745	ug/l #	8
95) Naphthalene	13.780	128	5141	0.390	ug/l #	91

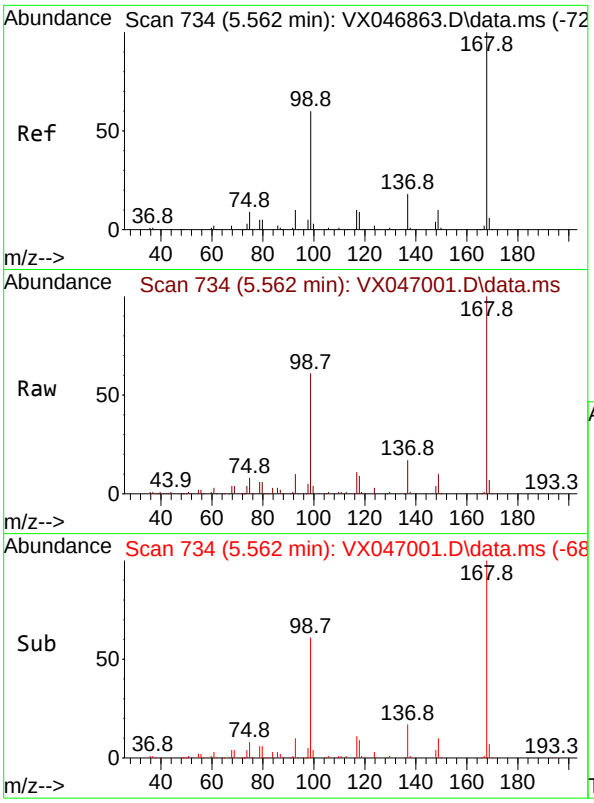
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047001.D
Acq On : 15 Jul 2025 14:58
Operator : JC/MD
Sample : Q2602-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Quant Time: Jul 16 02:27:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



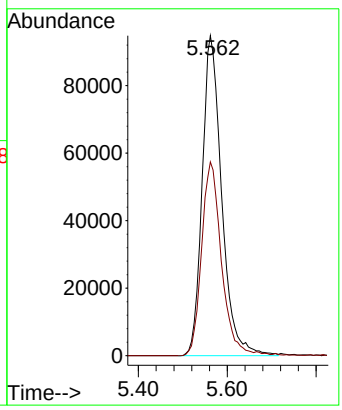


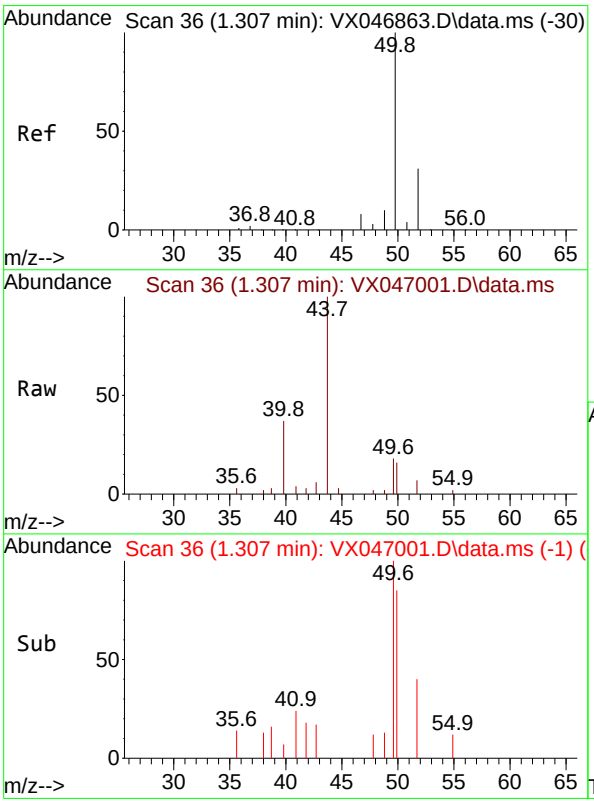
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion:168 Resp: 289959

Ion	Ratio	Lower	Upper
168	100		
99	60.5	48.8	73.2

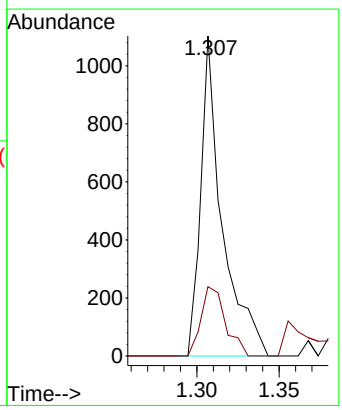


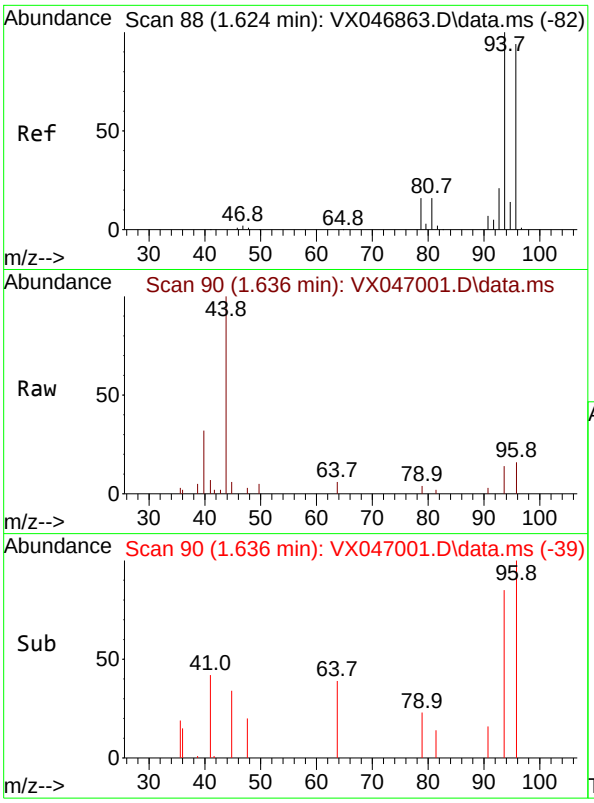


#3
Chloromethane
Concen: 0.330 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion: 50 Resp: 999

Ion	Ratio	Lower	Upper
50	100		
52	21.7	25.0	37.4#



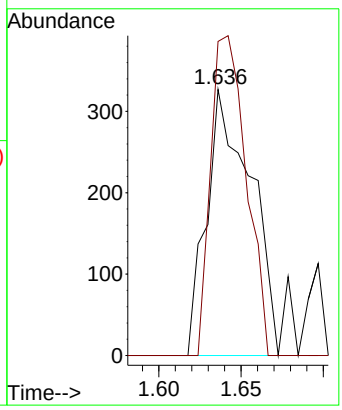


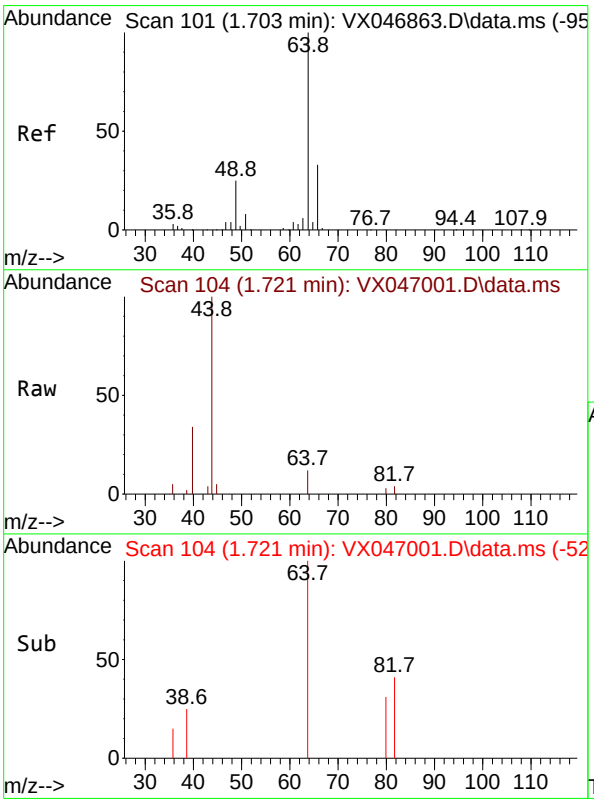
#5
Bromomethane
Concen: 0.289 ug/l
RT: 1.636 min Scan# 9
Delta R.T. 0.012 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion: 94 Resp: 612

Ion	Ratio	Lower	Upper
94	100		
96	118.0	75.5	113.3#

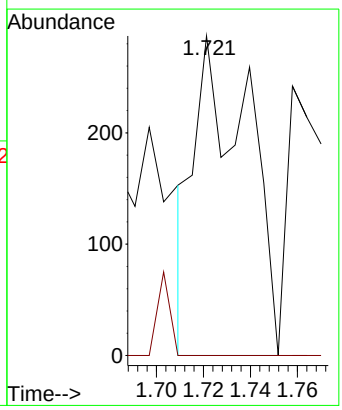


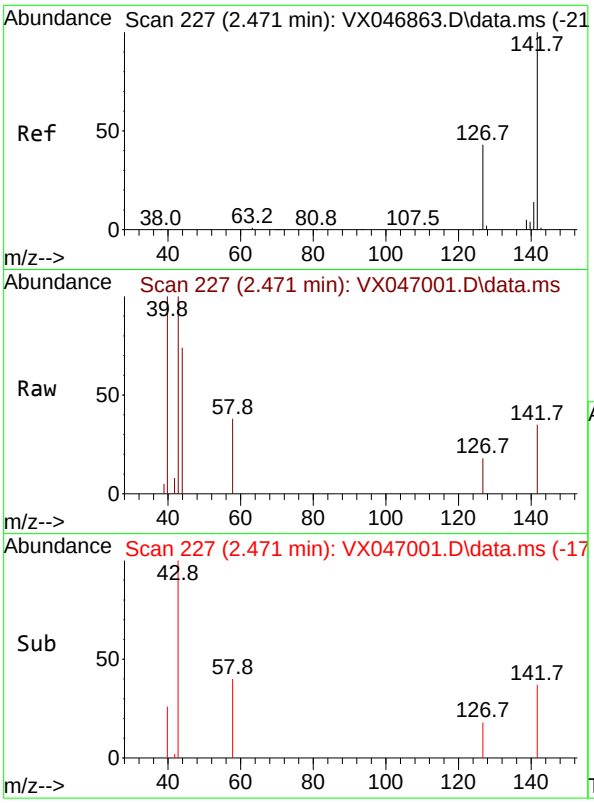


#6
Chloroethane
Concen: 0.207 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.018 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion: 64 Resp: 450

Ion	Ratio	Lower	Upper
64	100		
66	0.0	26.4	39.6#



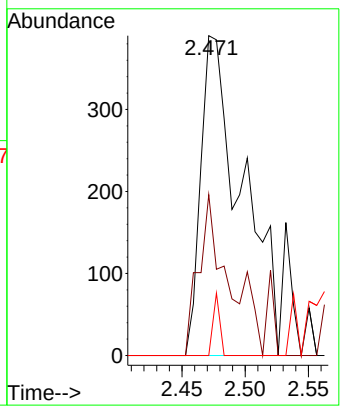


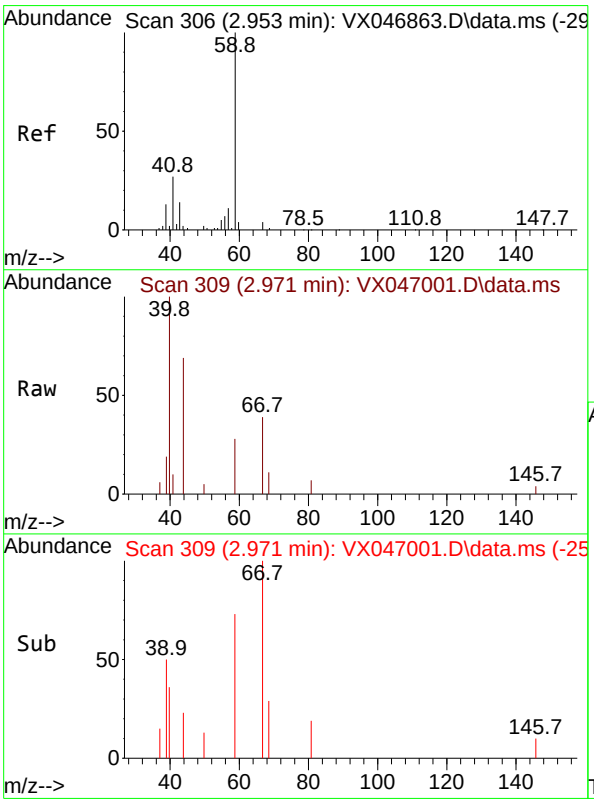
#10
Methyl Iodide
Concen: 0.250 ug/l
RT: 2.471 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion:142 Resp: 887

Ion	Ratio	Lower	Upper
142	100		
127	37.2	34.9	52.3
141	3.2	11.1	16.7#

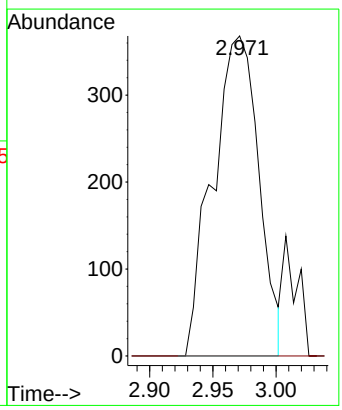


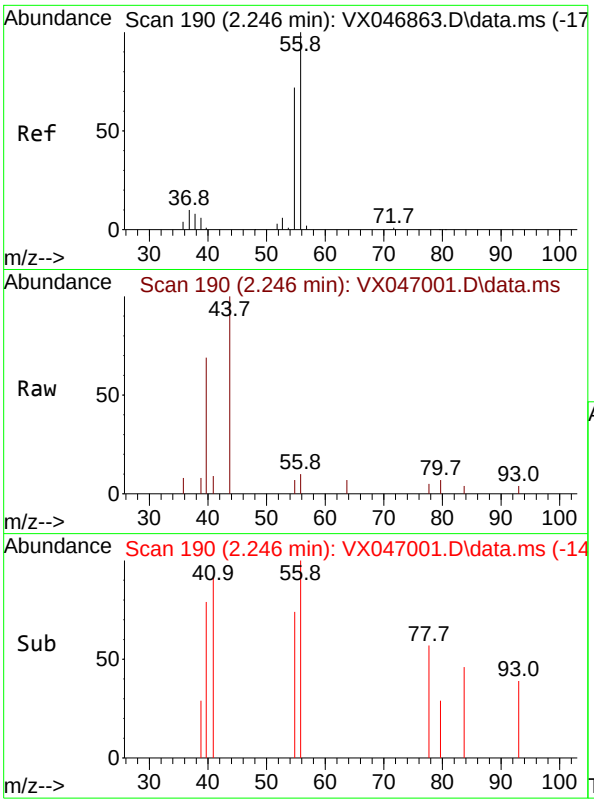


#11
Tert butyl alcohol
Concen: 3.726 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.018 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion: 59 Resp: 936

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.5	12.7#



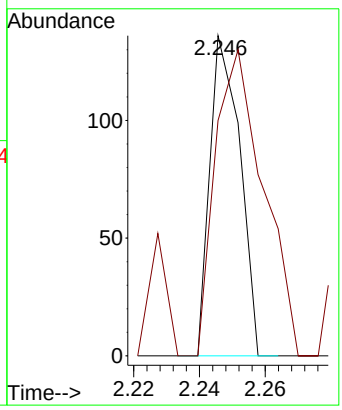


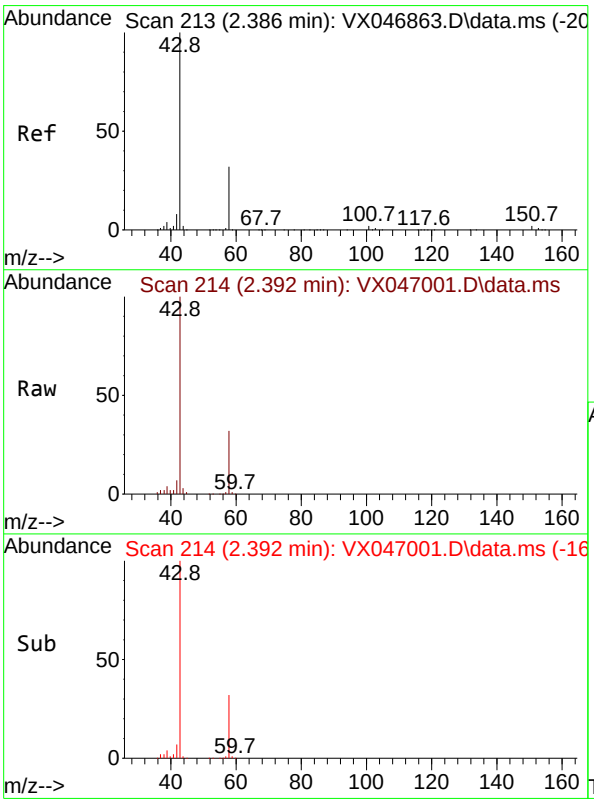
#13
Acrolein
Concen: 3.141 ug/l
RT: 2.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion: 56 Resp: 86

Ion	Ratio	Lower	Upper
56	100		
55	153.5	55.5	83.3#

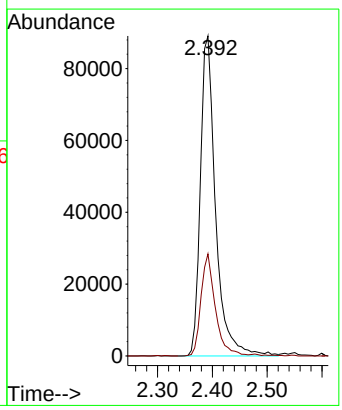


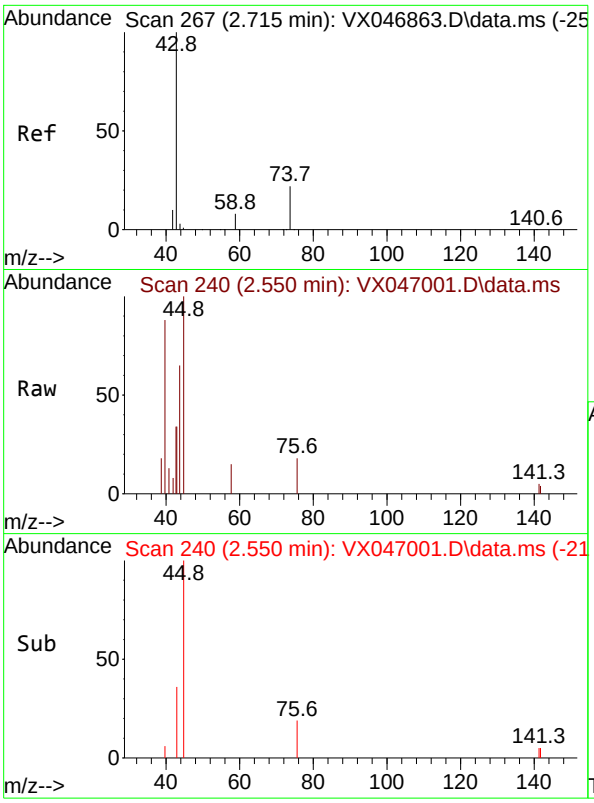


#16
Acetone
Concen: 144.406 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion: 43 Resp: 171825

Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.8	38.6



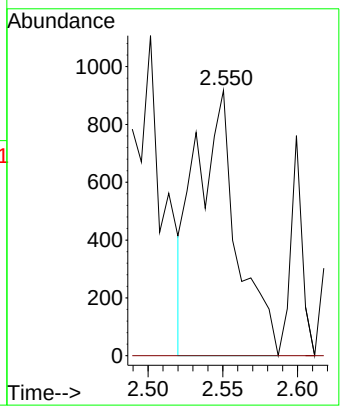


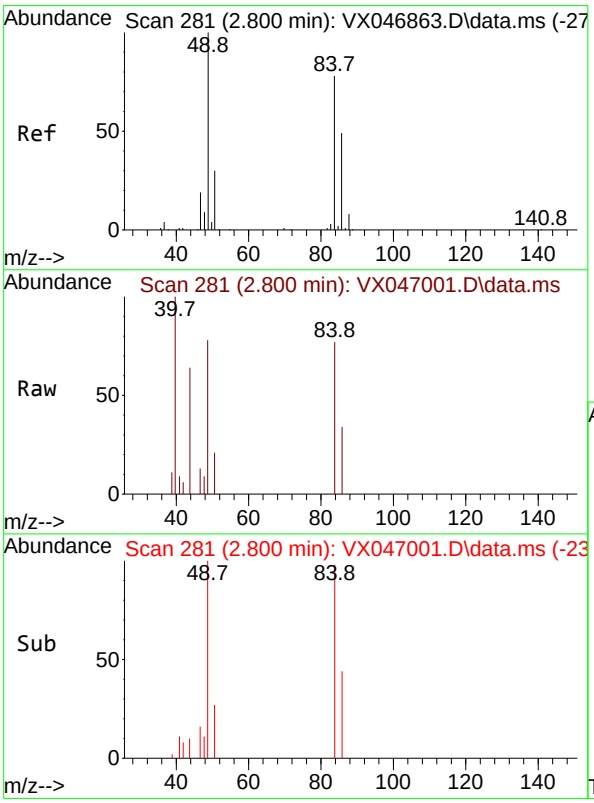
#18
Methyl Acetate
Concen: 0.563 ug/l
RT: 2.550 min Scan# 24
Delta R.T. -0.165 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion: 43 Resp: 1767

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.3	27.5#

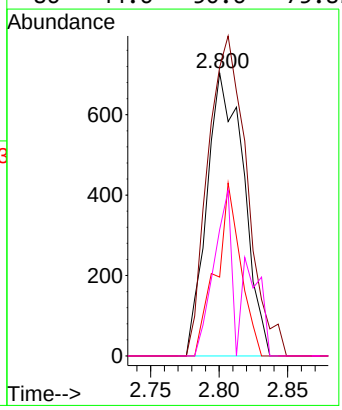


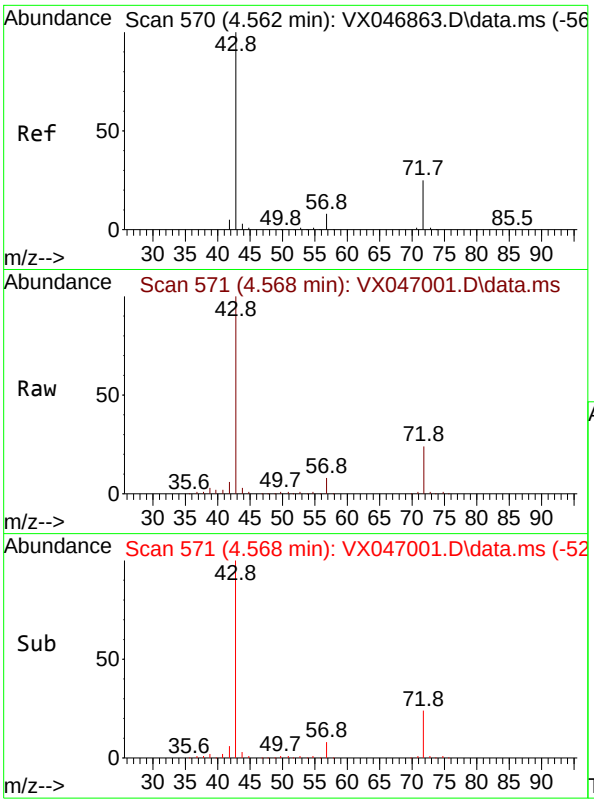


#20
Methylene Chloride
Concen: 0.372 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.000 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion: 84 Resp: 1309

Ion	Ratio	Lower	Upper
84	100		
49	102.0	102.8	154.2#
51	27.8	31.1	46.7#
86	44.6	50.6	75.8#



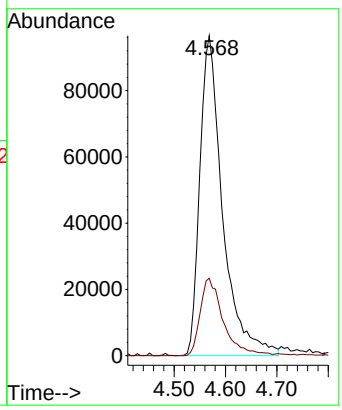


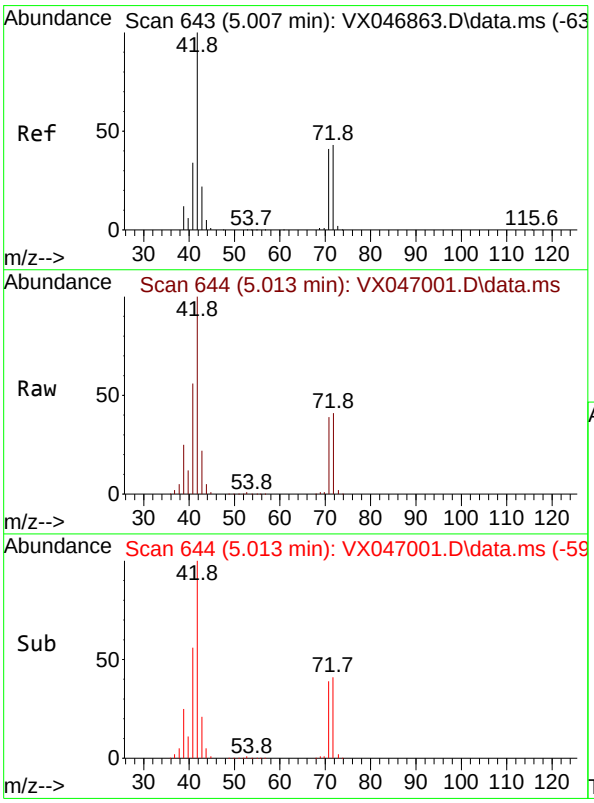
#25
2-Butanone
Concen: 187.057 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion: 43 Resp: 296956

Ion	Ratio	Lower	Upper
43	100		
72	24.2	20.0	30.0

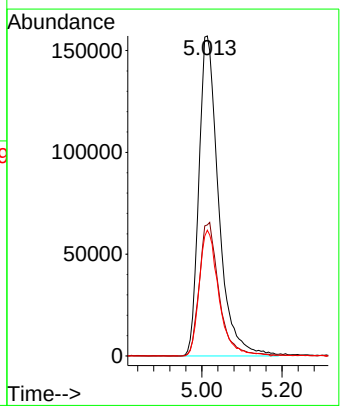


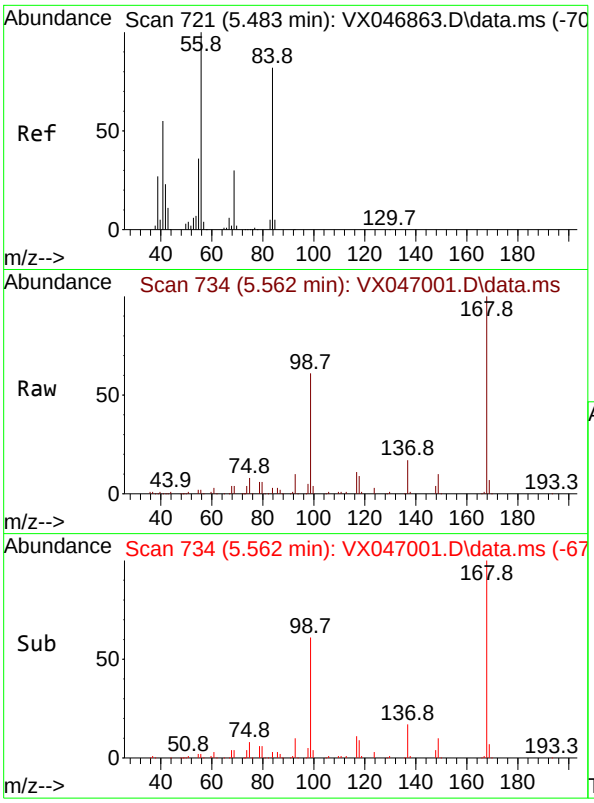


#29
Tetrahydrofuran
Concen: 530.649 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.006 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion: 42 Resp: 537007

Ion	Ratio	Lower	Upper
42	100		
72	41.9	35.1	52.7
71	39.2	31.9	47.9



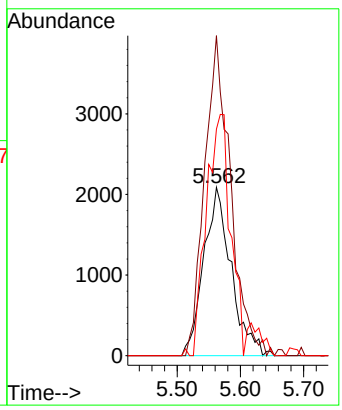


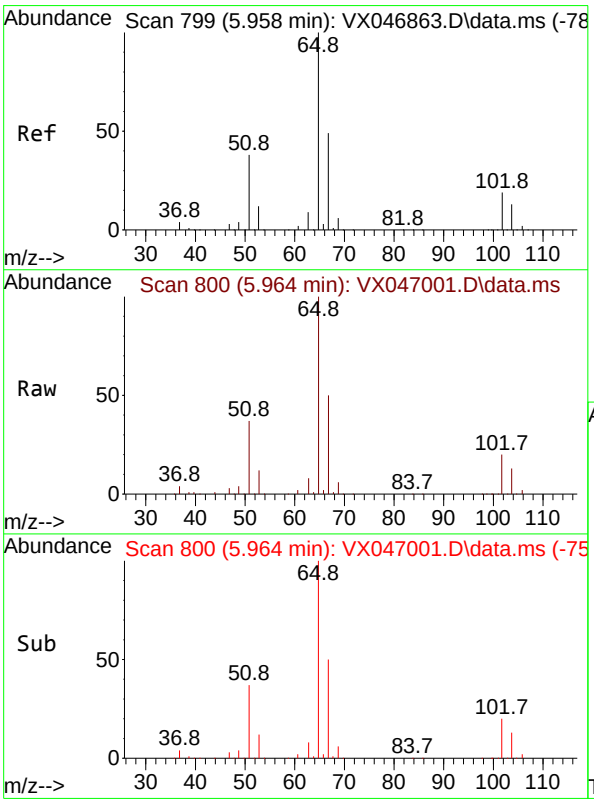
#31
Cyclohexane
Concen: 1.149 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.079 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion: 56 Resp: 6292

Ion	Ratio	Lower	Upper
56	100		
69	178.7	24.0	36.0#
84	126.6	66.5	99.7#

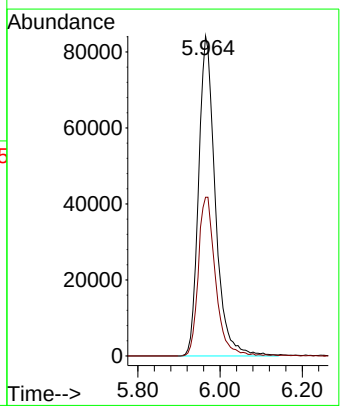


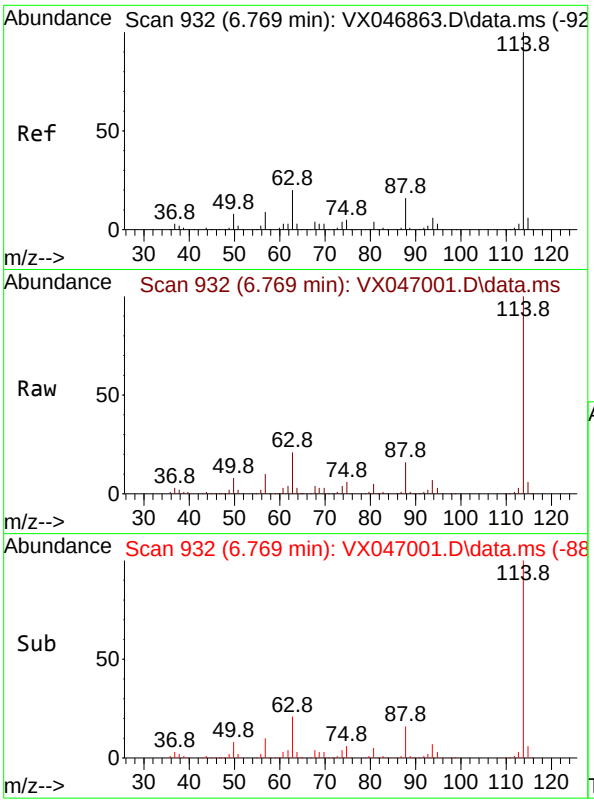


#33
1,2-Dichloroethane-d4
Concen: 61.872 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion: 65 Resp: 237008

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	105.2



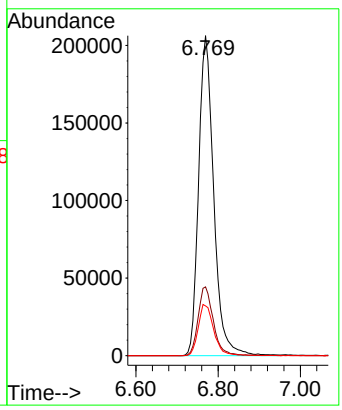


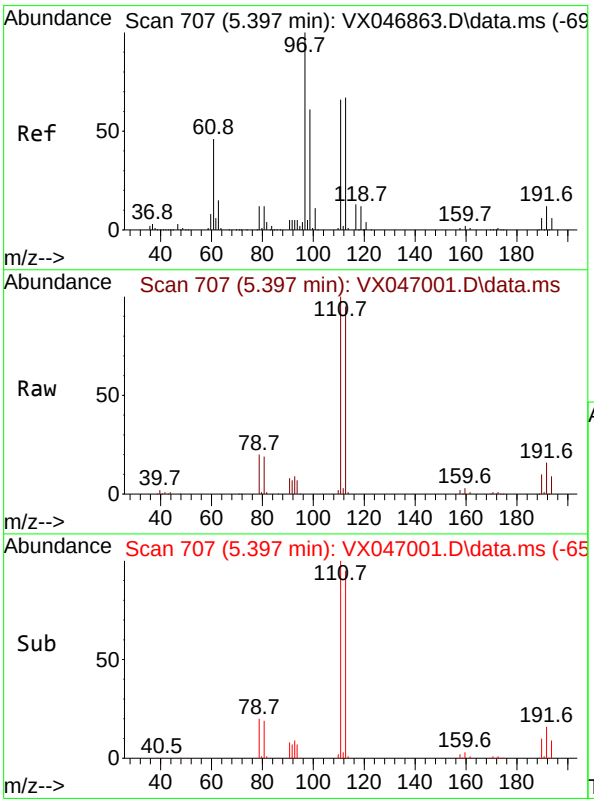
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion:114 Resp: 525606

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.4
88	15.6	0.0	31.0

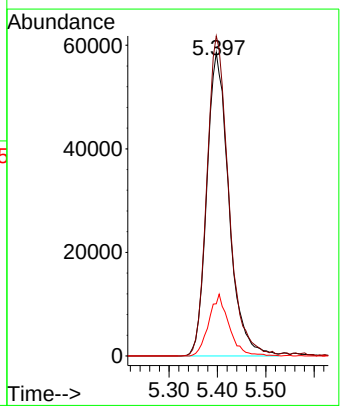


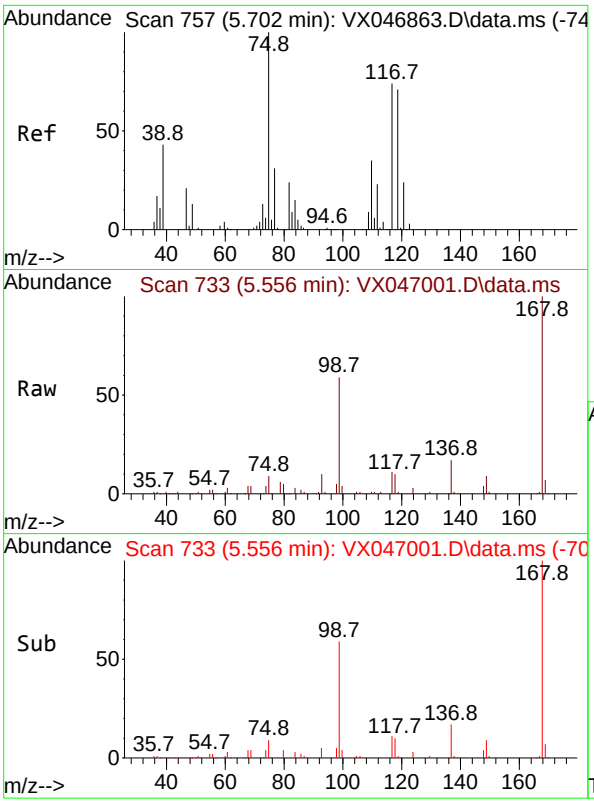


#35
Dibromofluoromethane
Concen: 52.077 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion:113 Resp: 185800

Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.2	121.8
192	18.6	15.3	22.9



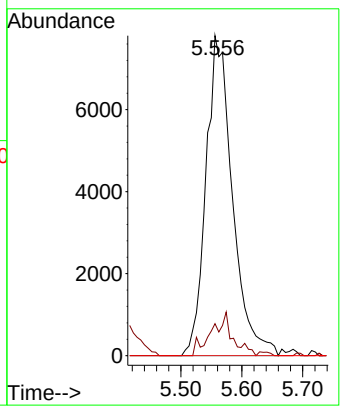


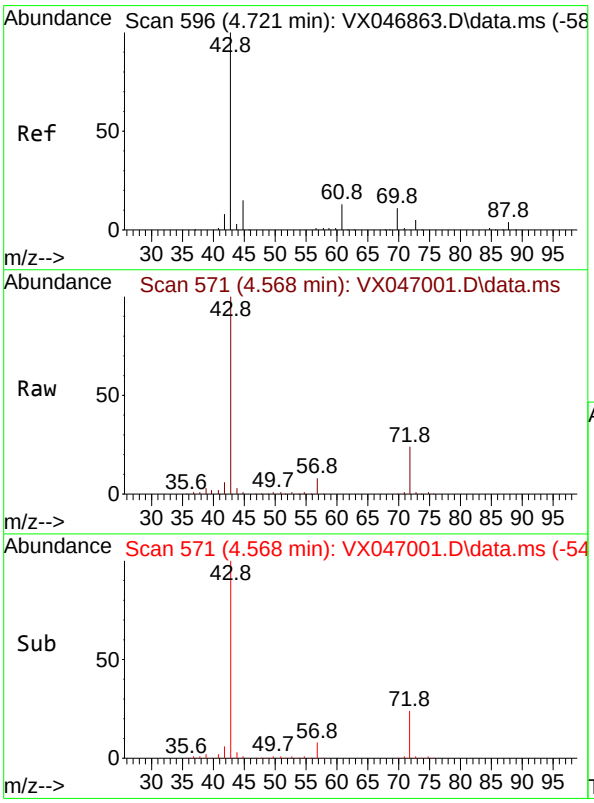
#36
1,1-Dichloropropene
Concen: 4.905 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.146 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion: 75 Resp: 23612

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.3	51.9#
77	0.0	24.2	36.4#

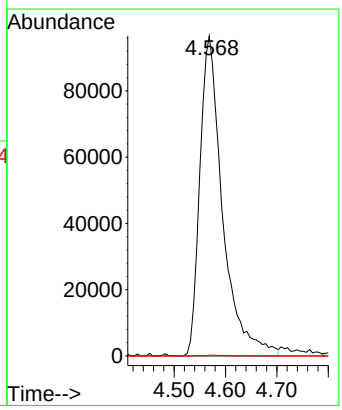


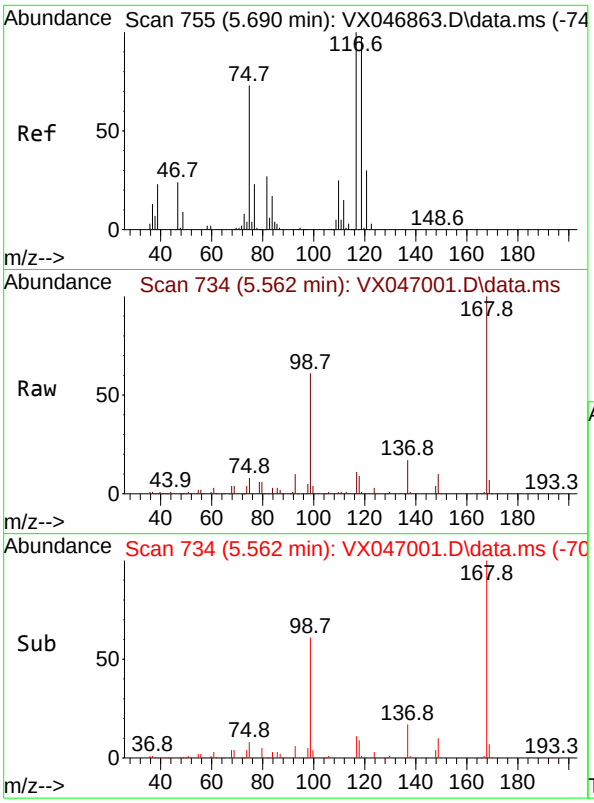


#37
Ethyl Acetate
Concen: 72.429 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.152 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion: 43 Resp: 296956

Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	0.2	8.3	12.5#



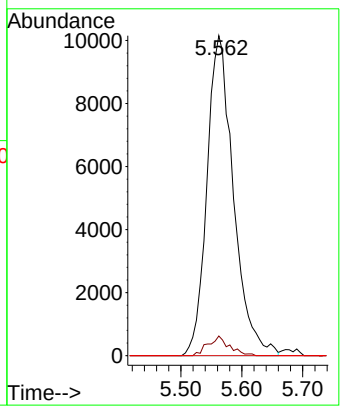


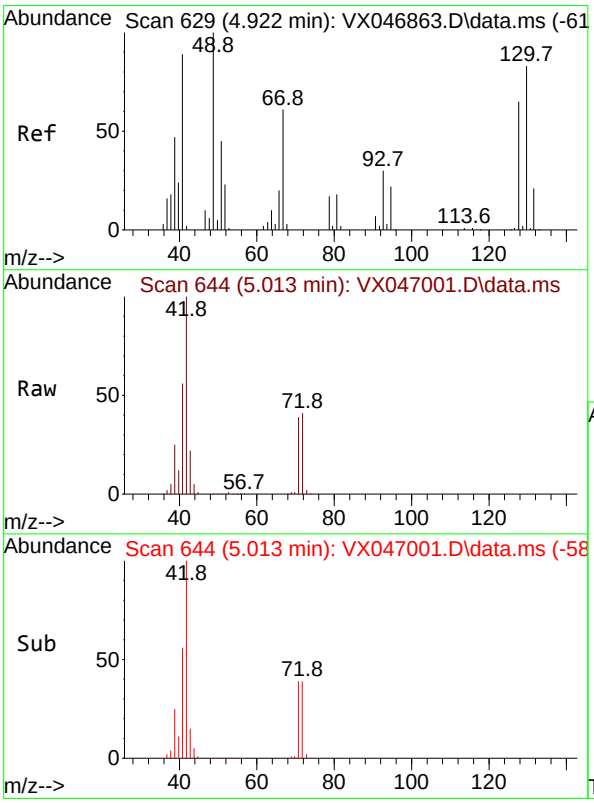
#38
Carbon Tetrachloride
Concen: 6.036 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.128 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion:117 Resp: 30718

Ion	Ratio	Lower	Upper
117	100		
119	6.2	76.6	114.8#
121	0.0	24.1	36.1#

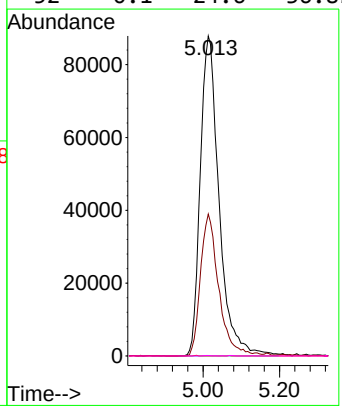


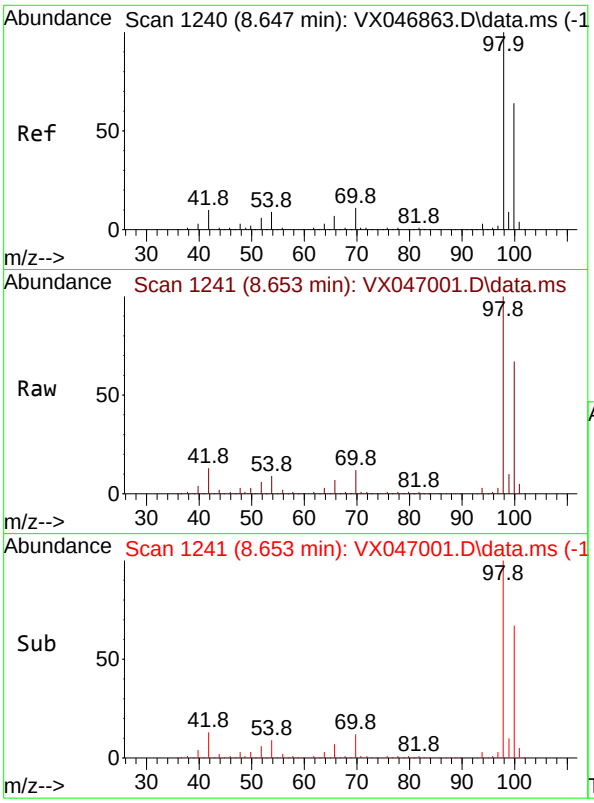


#41
Methacrylonitrile
Concen: 137.136 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.091 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion: 41 Resp: 299932

Ion	Ratio	Lower	Upper
41	100		
39	42.7	43.0	64.4#
67	0.0	60.2	90.2#
52	0.1	24.6	36.8#



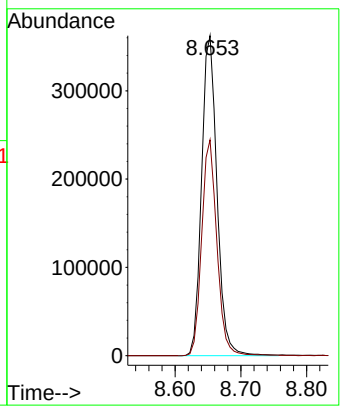


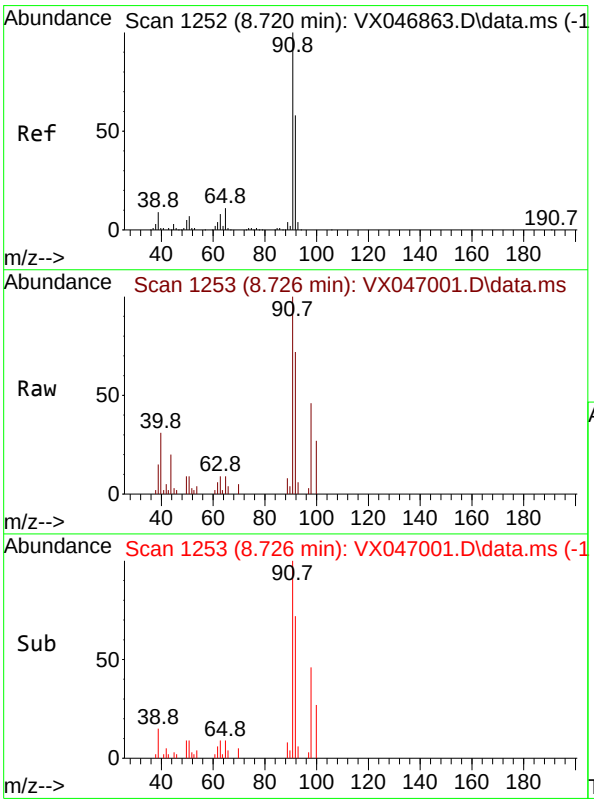
#50
Toluene-d8
Concen: 46.961 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion: 98 Resp: 591149

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6

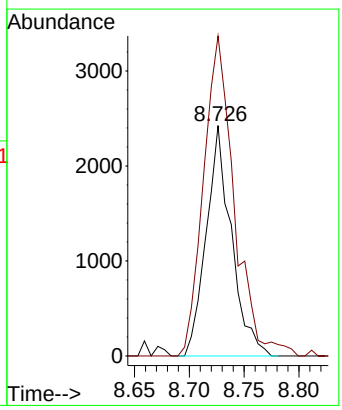


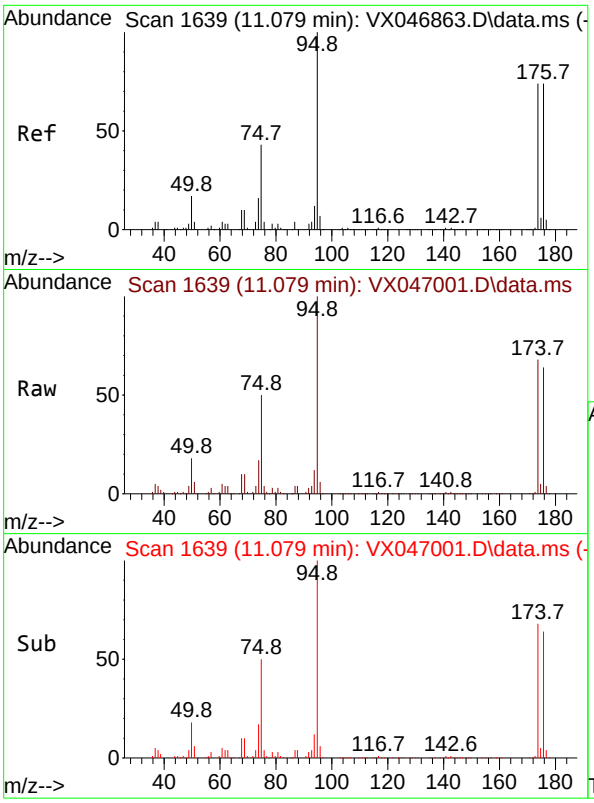


#52
Toluene
Concen: 0.429 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion: 92 Resp: 3869

Ion	Ratio	Lower	Upper
92	100		
91	170.1	137.9	206.9



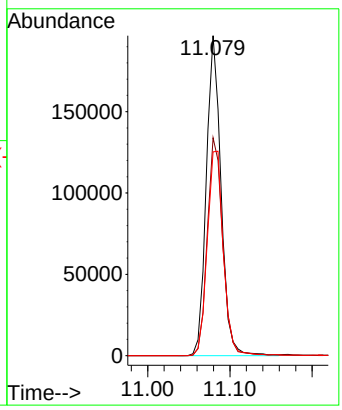


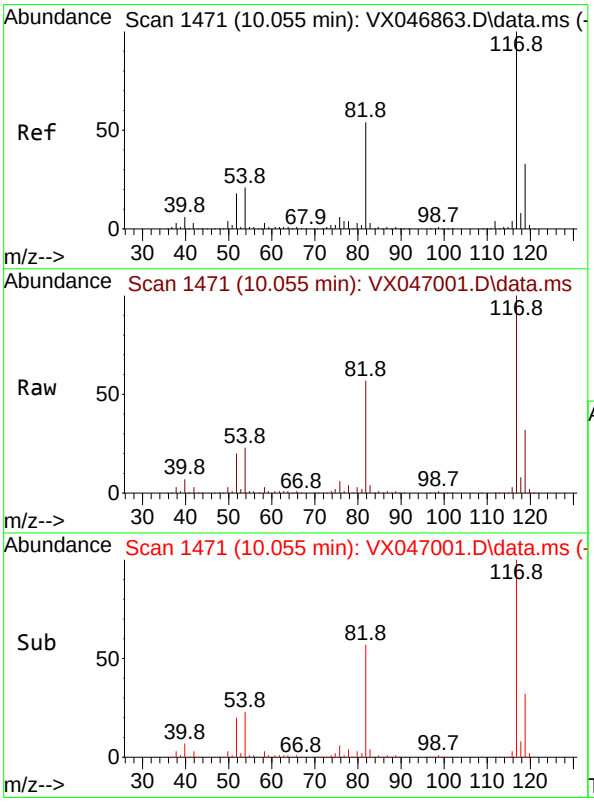
#62
4-Bromofluorobenzene
Concen: 50.997 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion: 95 Resp: 243981

Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	152.0
176	70.4	0.0	145.2

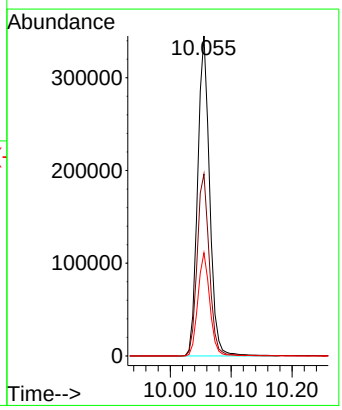


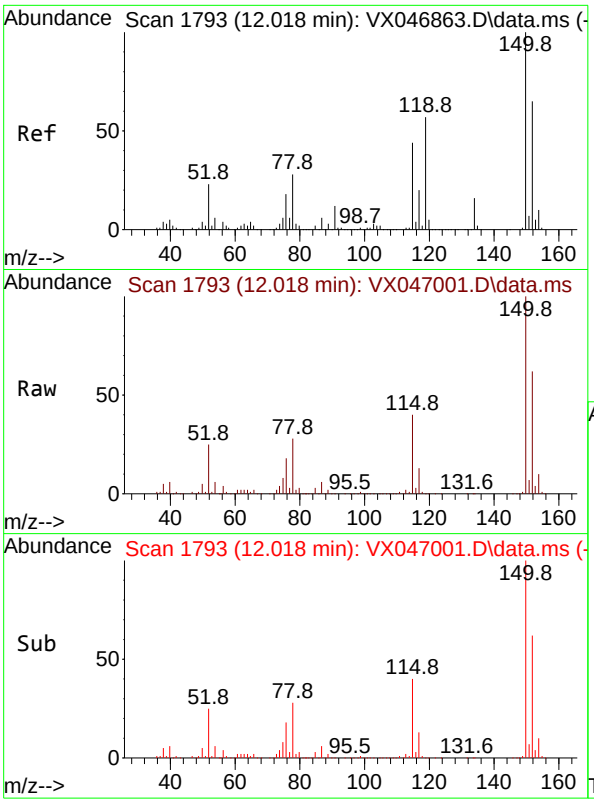


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion:117 Resp: 471648

Ion	Ratio	Lower	Upper
117	100		
82	56.8	43.3	64.9
119	32.3	26.4	39.6



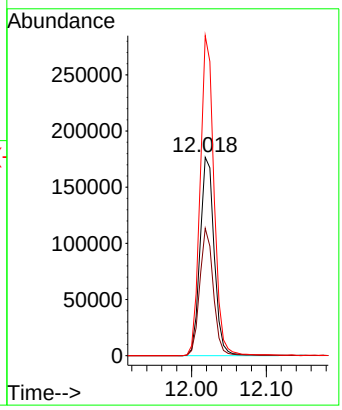


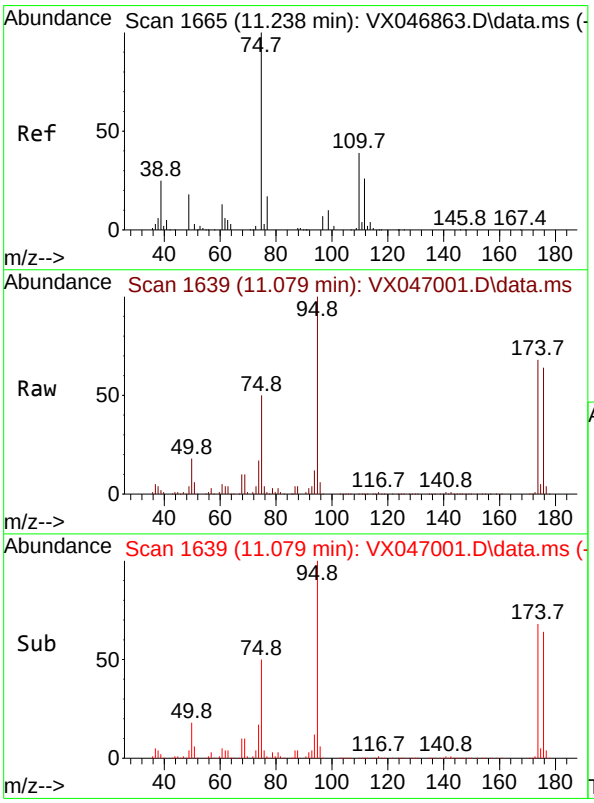
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion:152 Resp: 232262

Ion	Ratio	Lower	Upper
152	100		
115	62.0	42.4	127.1
150	158.1	0.0	349.2

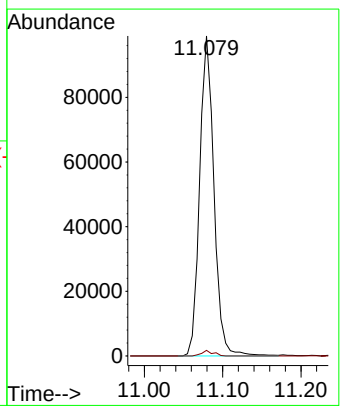


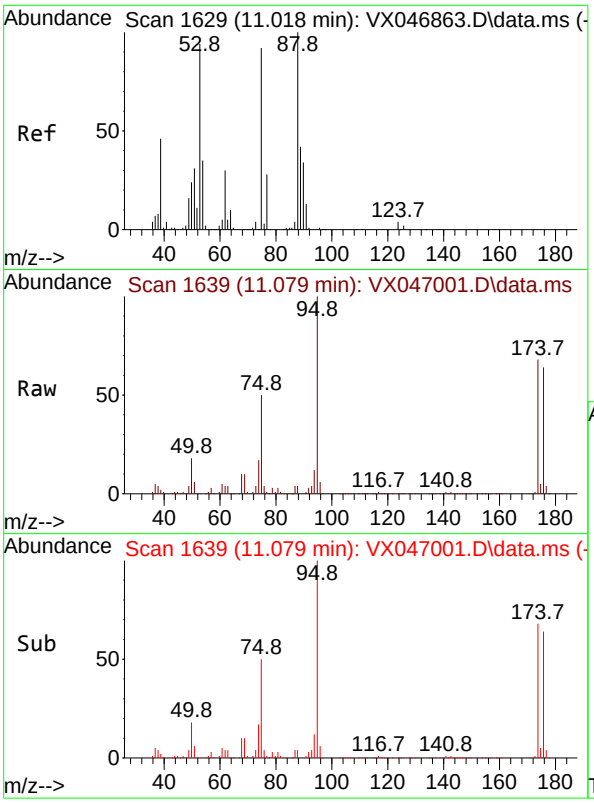


#76
1,2,3-Trichloropropane
Concen: 34.934 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion: 75 Resp: 125370

Ion	Ratio	Lower	Upper
75	100		
77	1.4	20.6	61.8#



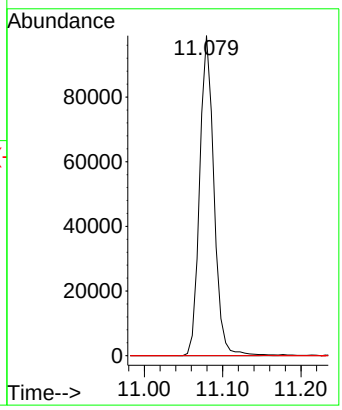


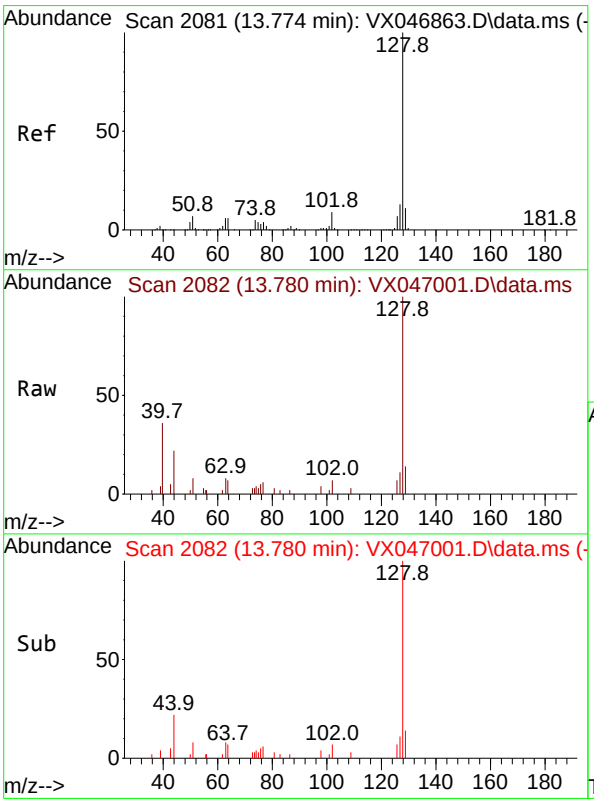
#81
trans-1,4-Dichloro-2-butene
Concen: 93.745 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-266380

Tgt Ion: 75 Resp: 125370

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.7	125.5#
89	0.0	38.2	57.2#





#95
Naphthalene
Concen: 0.390 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX047001.D
Acq: 15 Jul 2025 14:58

Tgt Ion:128 Resp: 5141

Ion	Ratio	Lower	Upper
128	100		
127	7.9	10.2	15.4#
129	9.2	8.6	13.0