Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
Data File : VX040435.D
Acq On : 23 Feb 2024 16:32
Operator : JC/MD
Sample : PB159217ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Quant Time: Feb 23 22:21:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 23 06:47:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	70233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127122	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58593	51.226	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.460%			
35) Dibromofluoromethane	5.385	113	42739	49.891	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.780%			
50) Toluene-d8	8.647	98	161267	52.118	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.240%			
62) 4-Bromofluorobenzene	11.079	95	63682	51.359	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.178	85	182	0.215	ug/l #	41
3) Chloromethane	1.178	50	568	0.594	ug/l #	43
6) Chloroethane	1.678	64	378	0.657	ug/l #	43
11) Tert butyl alcohol	2.946	59	136	0.615	ug/l #	78
13) Acrolein	2.233	56	177	0.669	ug/l	100
16) Acetone	2.379	43	23717	49.764	ug/l	99
18) Methyl Acetate	2.709	43	832	0.674	ug/l	96
20) Methylene Chloride	2.788	84	8313	8.331	ug/l	94
25) 2-Butanone	4.568	43	977	1.315	ug/l	99
29) Tetrahydrofuran	5.037	42	931	1.882	ug/l	90
31) Cyclohexane	5.556	56	1936	1.412	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	6835	5.156	ug/l #	51
37) Ethyl Acetate	4.727	43	1900	1.254	ug/l #	79
38) Carbon Tetrachloride	5.556	117	7712	6.287	ug/l #	14
41) Methacrylonitrile	5.044	41	595	0.740	ug/l #	25
43) Isopropyl Acetate	6.342	43	64619	27.803	ug/l	99
48) Methyl methacrylate	7.799	41	58369	50.712	ug/l #	51
49) 1,4-Dioxane	7.793	88	58	2.500	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	50868	32.225	ug/l #	50
53) t-1,3-Dichloropropene	8.951	75	346	0.255	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	19840	13.745	ug/l #	65
56) Ethyl methacrylate	9.244	69	526	0.364	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2703	1.640	ug/l #	42
59) 2-Hexanone	9.372	43	59864	49.173	ug/l #	26
74) N-amyl acetate	10.811	43	590	0.293	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	36212	26.552	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	36212	92.388	ug/l #	5

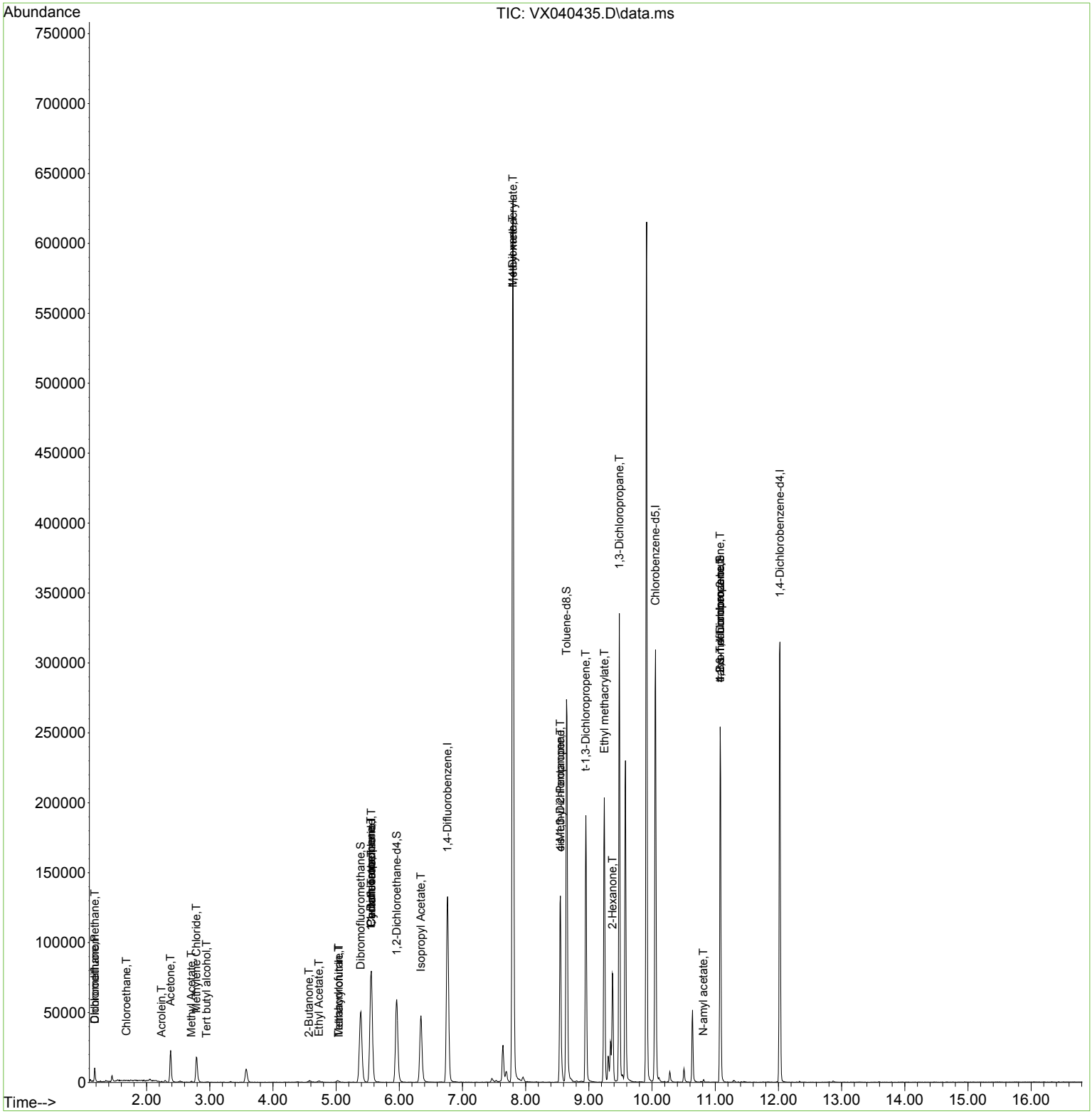
(#) = qualifier out of range (m) = manual integration (+) = signals summed

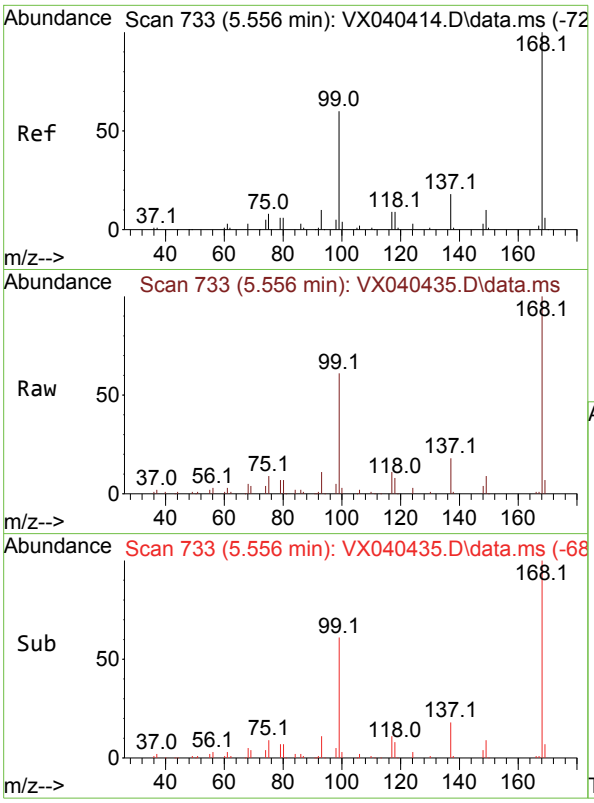
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022324\
Data File : VX040435.D
Acq On : 23 Feb 2024 16:32
Operator : JC/MD
Sample : PB159217ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Quant Time: Feb 23 22:21:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022224W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 23 06:47:29 2024
Response via : Initial Calibration



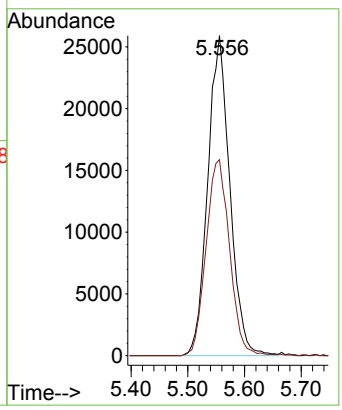


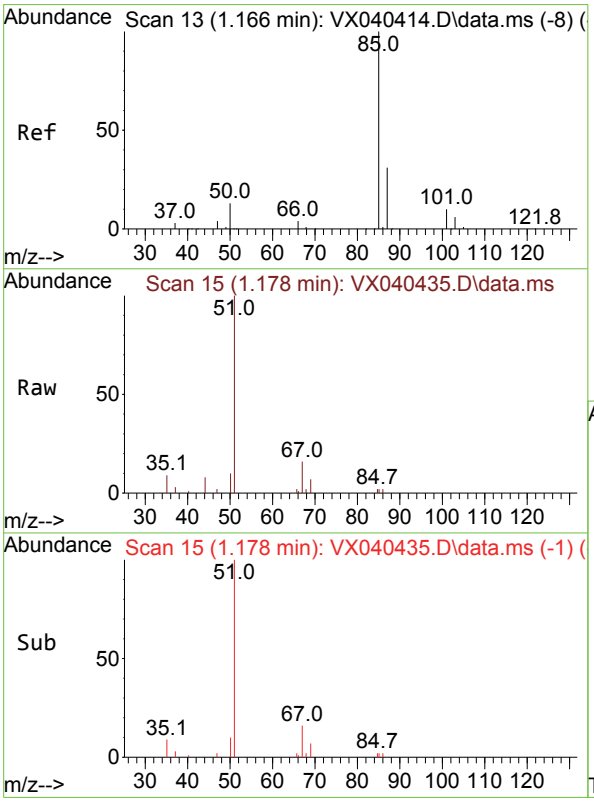
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion:168 Resp: 70233

Ion	Ratio	Lower	Upper
168	100		
99	61.2	56.6	85.0

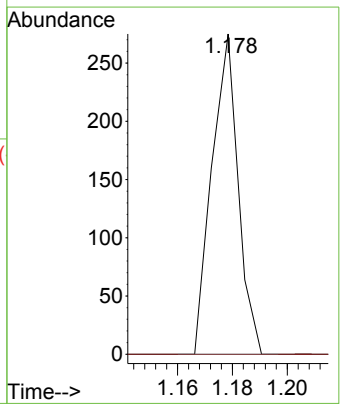


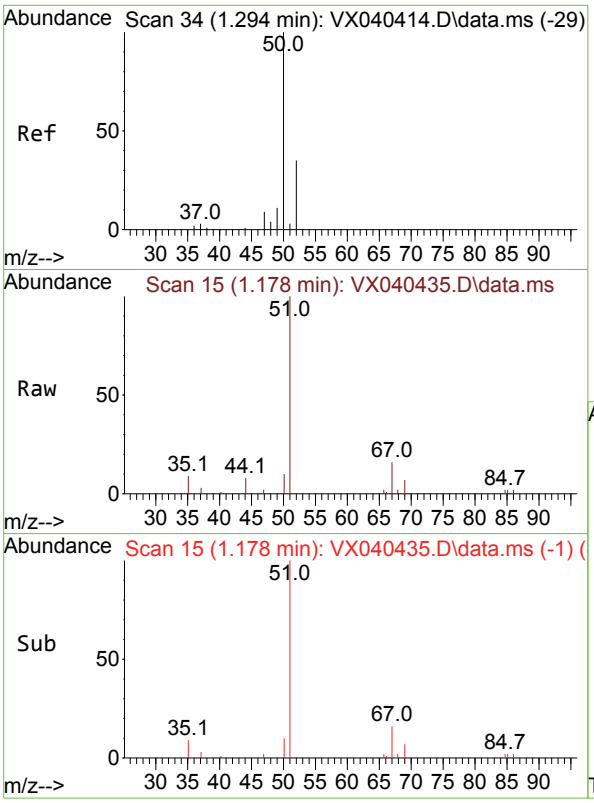


#2
Dichlorodifluoromethane
Concen: 0.215 ug/l
RT: 1.178 min Scan# 15
Delta R.T. 0.012 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 85 Resp: 182

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.1#



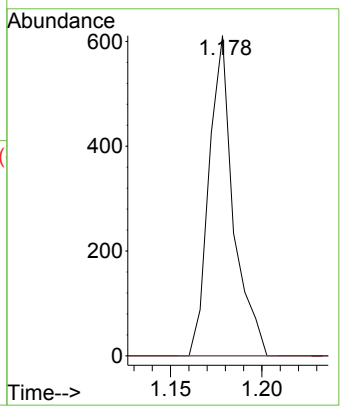


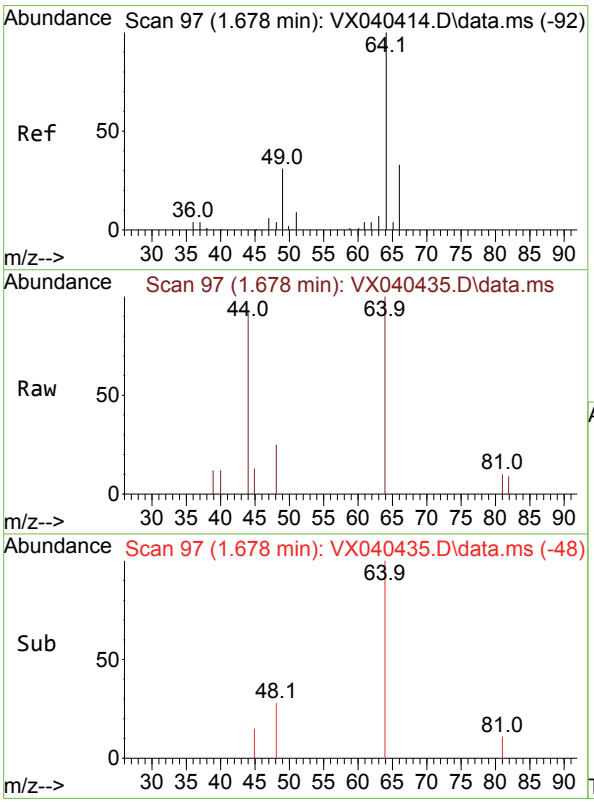
#3
Chloromethane
Concen: 0.594 ug/l
RT: 1.178 min Scan# 1
Delta R.T. -0.116 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 50 Resp: 568

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.5	38.3#

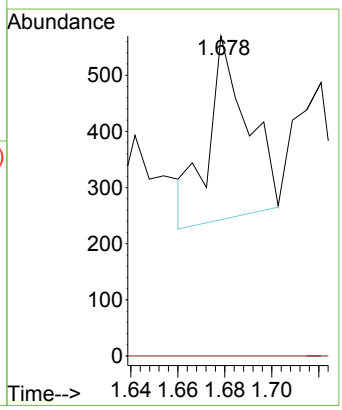


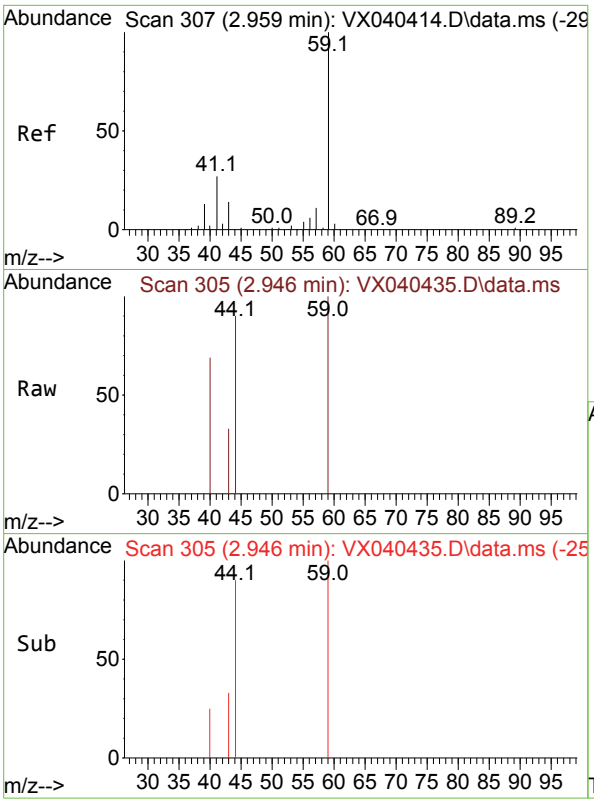


#6
Chloroethane
Concen: 0.657 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 64 Resp: 378

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#



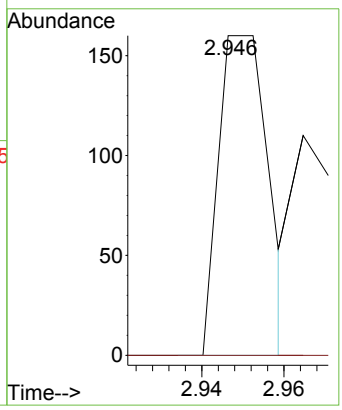


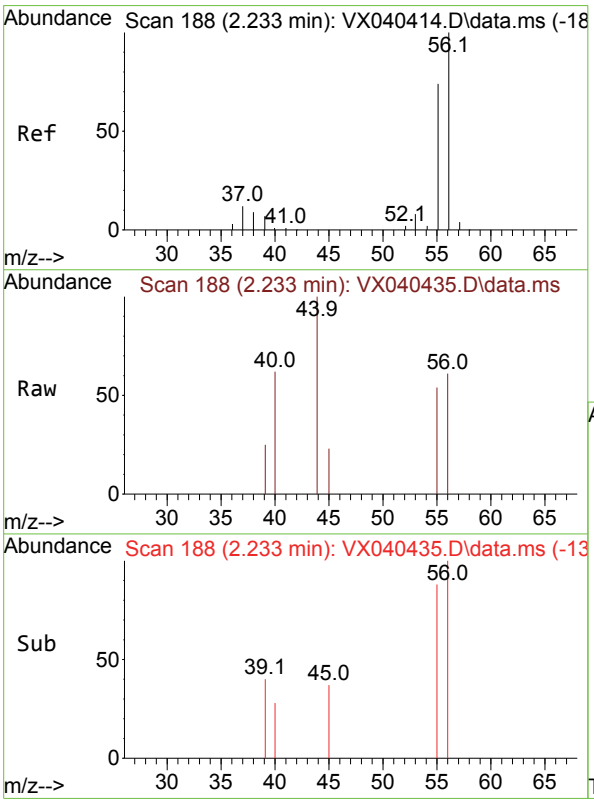
#11
Tert butyl alcohol
Concen: 0.615 ug/l
RT: 2.946 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 59 Resp: 136

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.0	9.0#

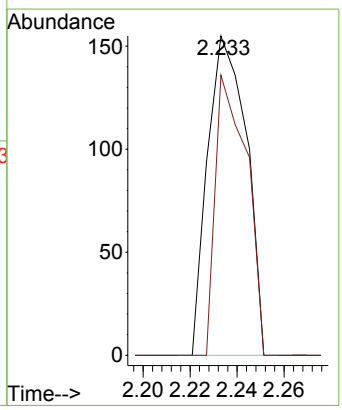


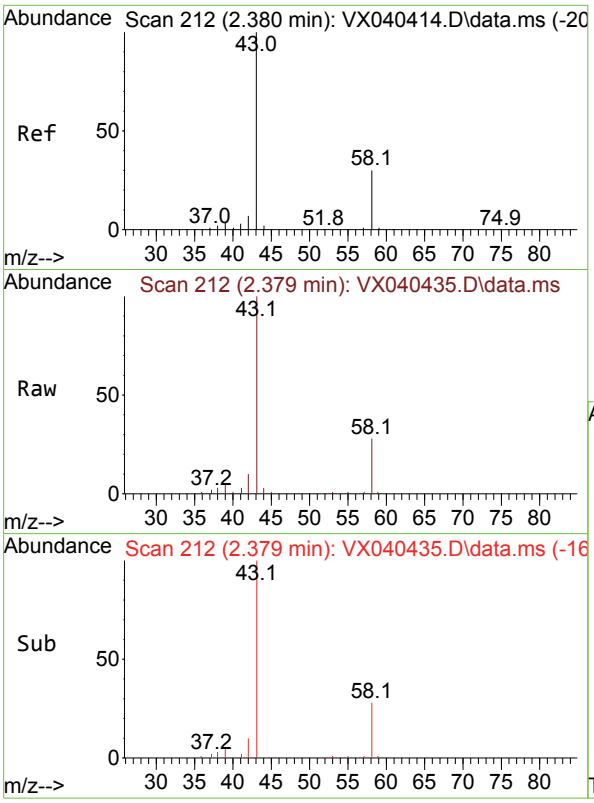


#13
Acrolein
Concen: 0.669 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 56 Resp: 177

Ion	Ratio	Lower	Upper
56	100		
55	71.2	57.1	85.7



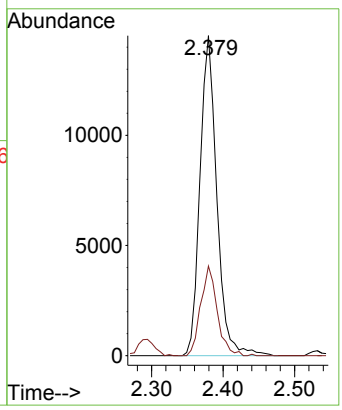


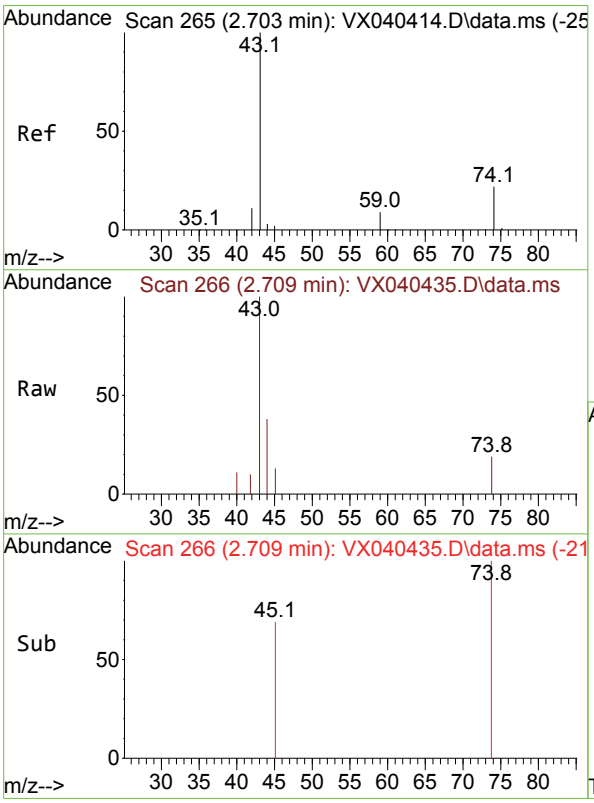
#16
Acetone
Concen: 49.764 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 43 Resp: 23717

Ion	Ratio	Lower	Upper
43	100		
58	28.0	21.9	32.9

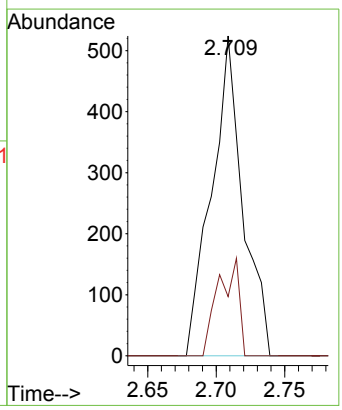


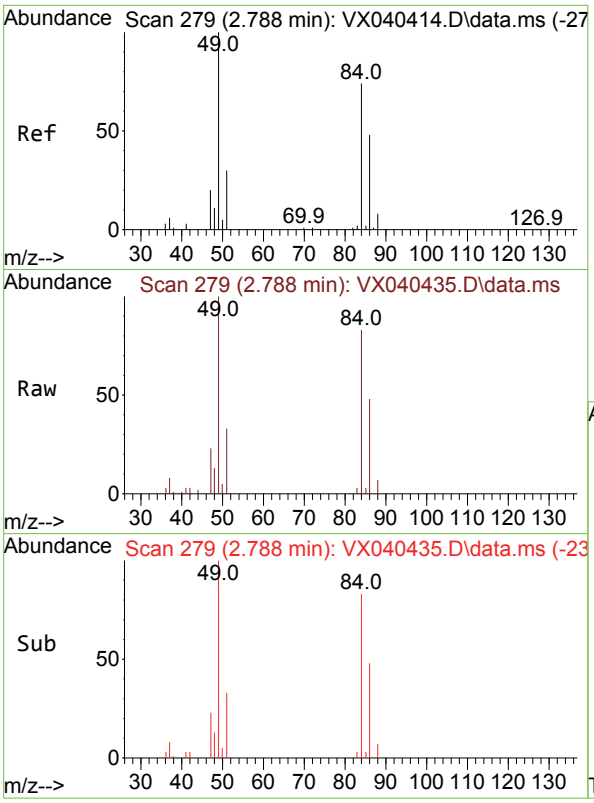


#18
Methyl Acetate
Concen: 0.674 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 43 Resp: 832

Ion	Ratio	Lower	Upper
43	100		
74	20.4	17.8	26.8



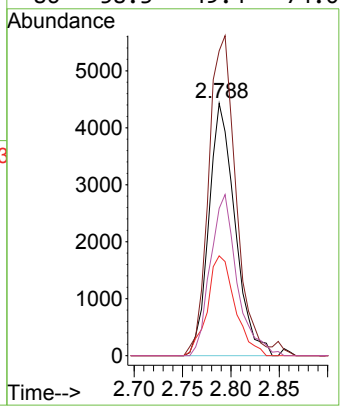


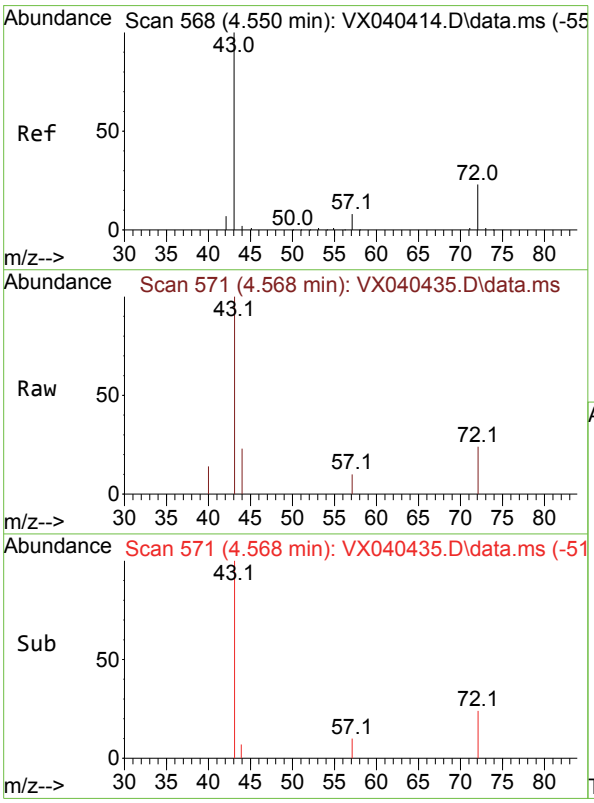
#20
Methylene Chloride
Concen: 8.331 ug/l
RT: 2.788 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 84 Resp: 8313

Ion	Ratio	Lower	Upper
84	100		
49	120.8	103.6	155.4
51	39.5	33.8	50.6
86	58.3	49.4	74.0

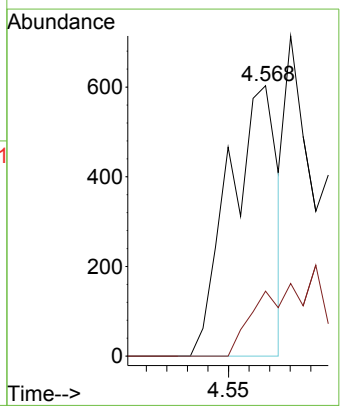


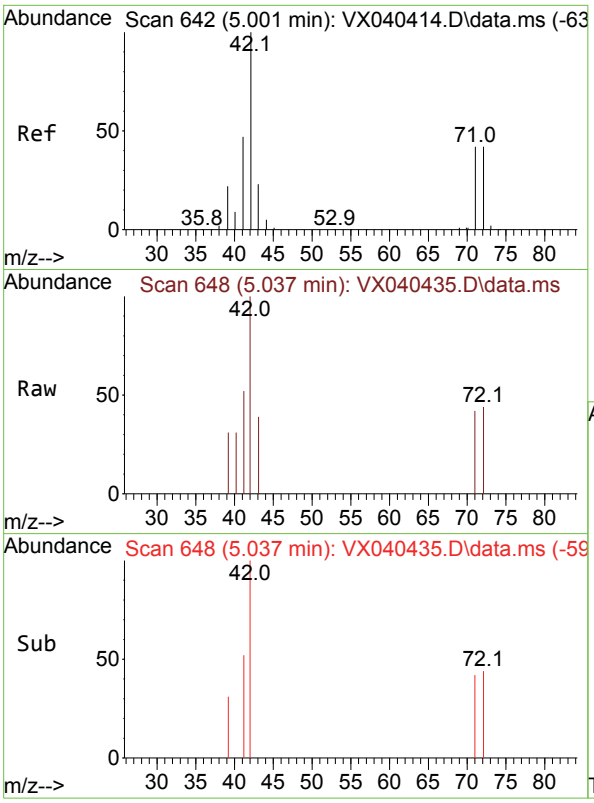


#25
2-Butanone
Concen: 1.315 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 43 Resp: 977

Ion	Ratio	Lower	Upper
43	100		
72	24.0	19.4	29.2



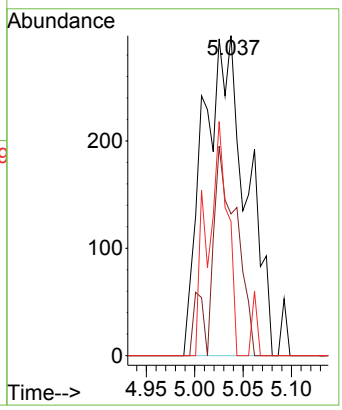


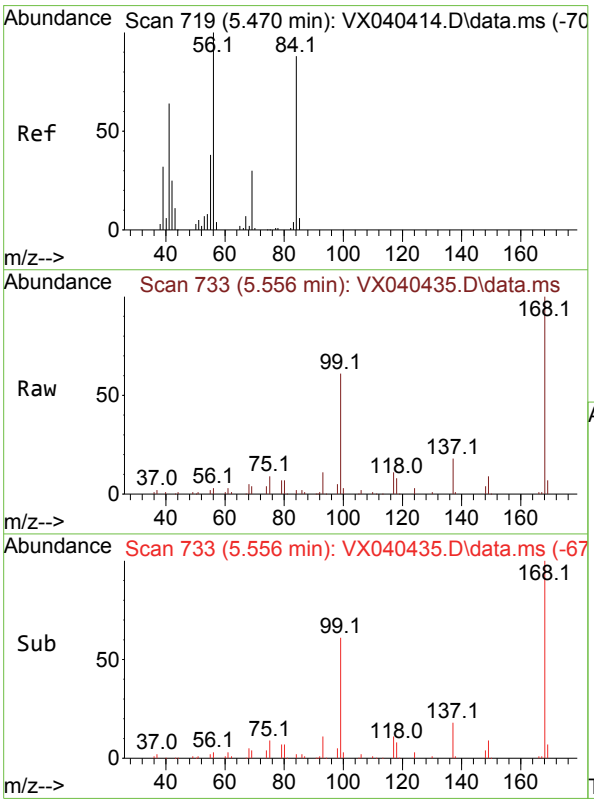
#29
Tetrahydrofuran
Concen: 1.882 ug/l
RT: 5.037 min Scan# 64
Delta R.T. 0.036 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 42 Resp: 931

Ion	Ratio	Lower	Upper
42	100		
72	37.7	34.2	51.4
71	33.3	32.2	48.2

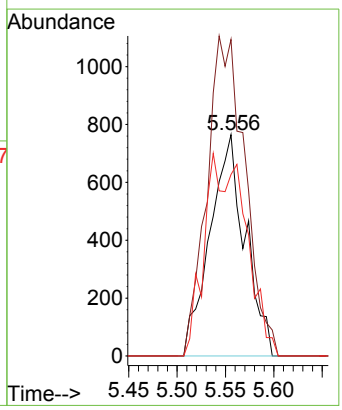


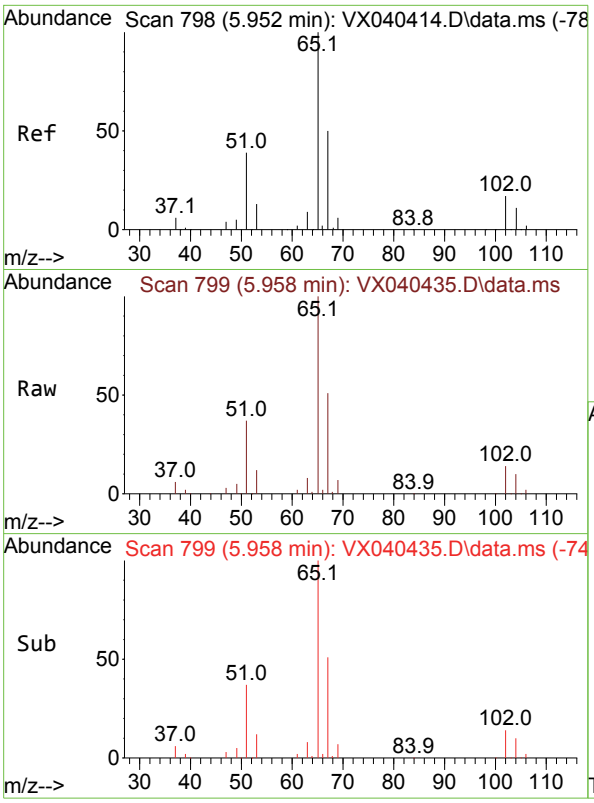


#31
Cyclohexane
Concen: 1.412 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 56 Resp: 1936

Ion	Ratio	Lower	Upper
56	100		
69	143.0	23.4	35.2#
84	82.0	65.9	98.9



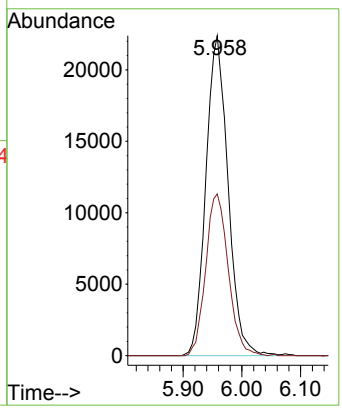


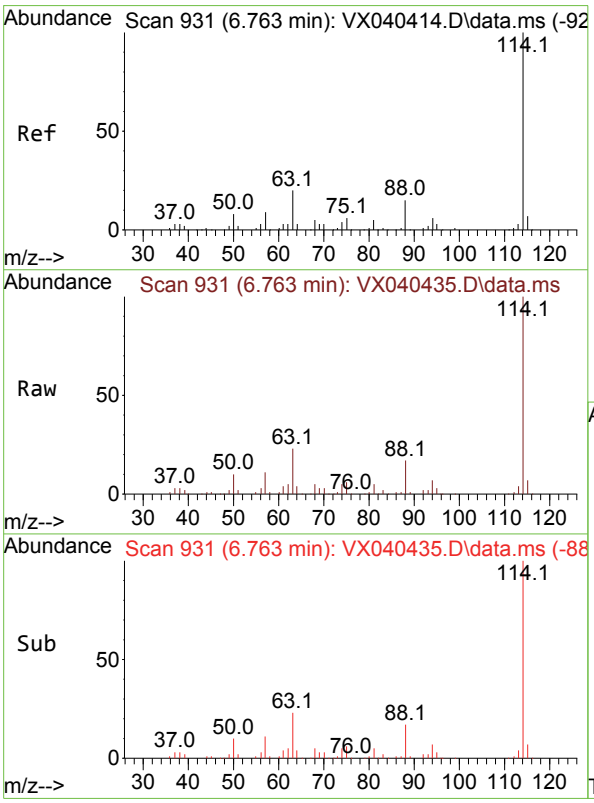
#33
1,2-Dichloroethane-d4
Concen: 51.226 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 65 Resp: 58593

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	100.2

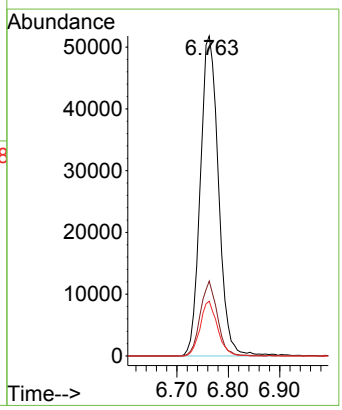


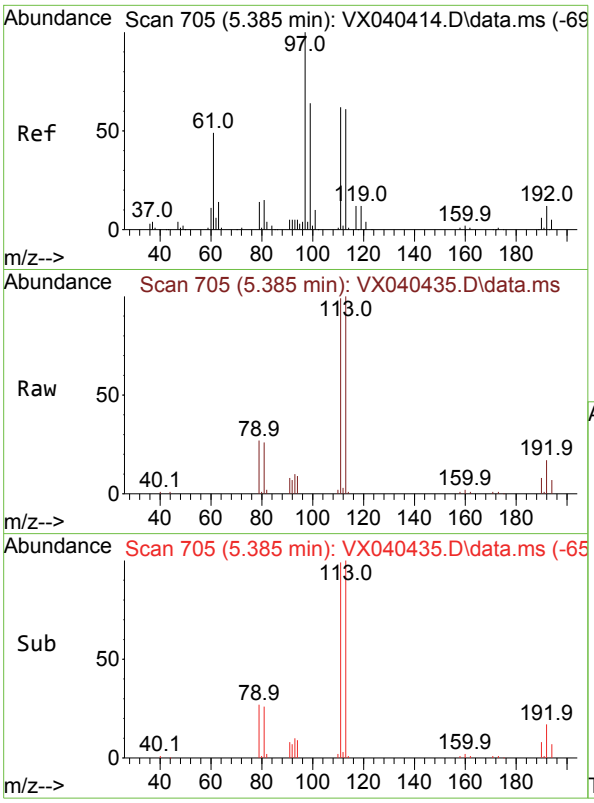


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion:114 Resp: 127122

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	45.0
88	17.1	0.0	36.6



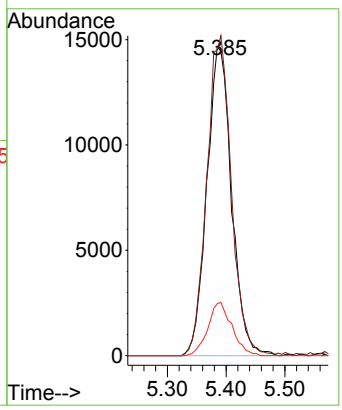


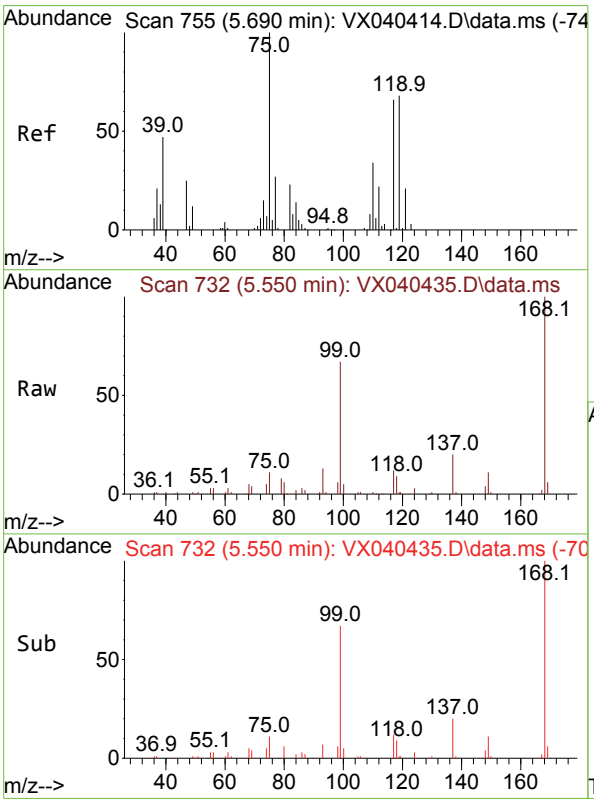
#35
Dibromofluoromethane
Concen: 49.891 ug/l
RT: 5.385 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion:113 Resp: 42739

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	16.9	13.3	19.9

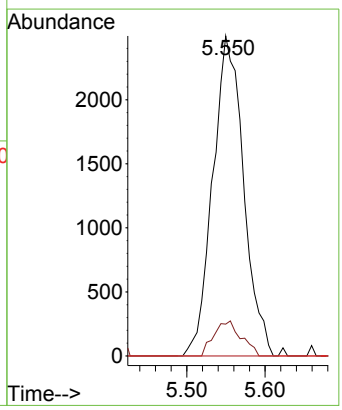


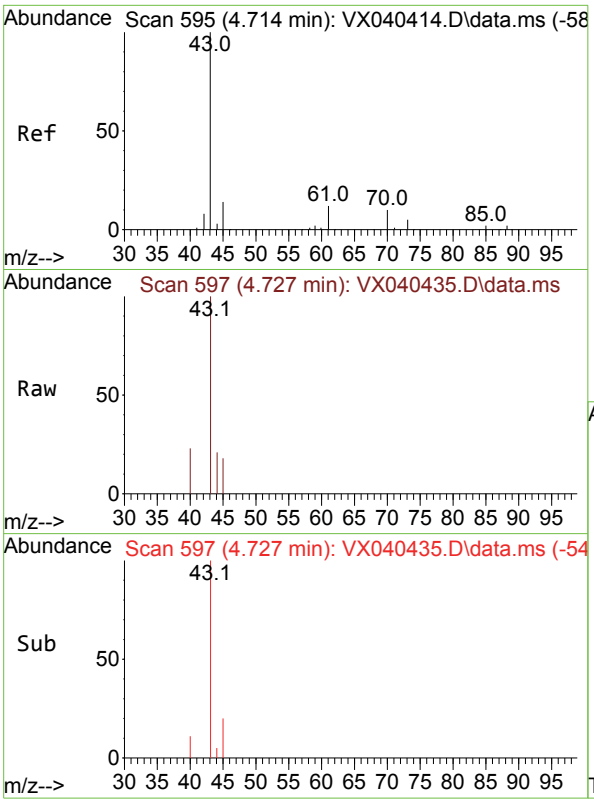


#36
1,1-Dichloropropene
Concen: 5.156 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 75 Resp: 6835

Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.0	50.9#
77	0.0	24.7	37.1#



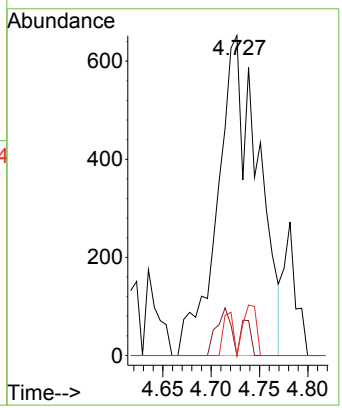


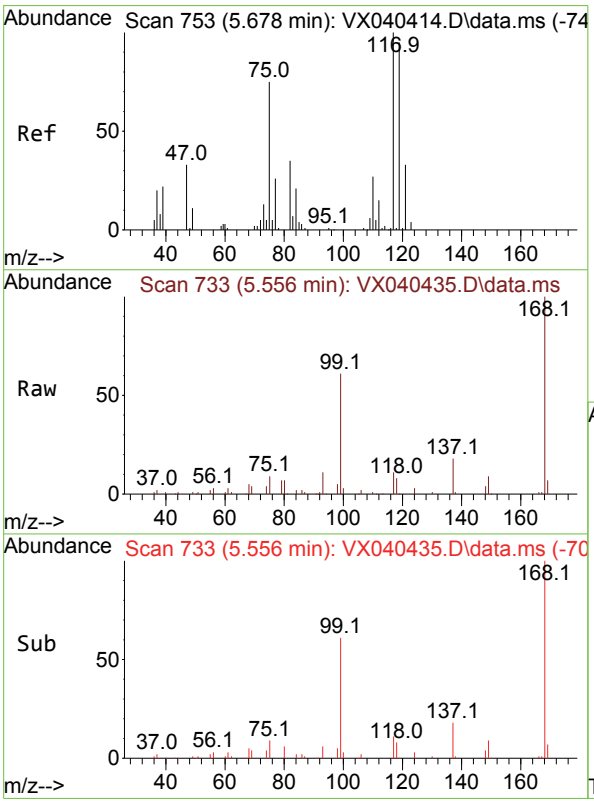
#37
Ethyl Acetate
Concen: 1.254 ug/l
RT: 4.727 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 43 Resp: 1900

Ion	Ratio	Lower	Upper
43	100		
61	2.7	10.6	16.0#
70	5.2	8.3	12.5#

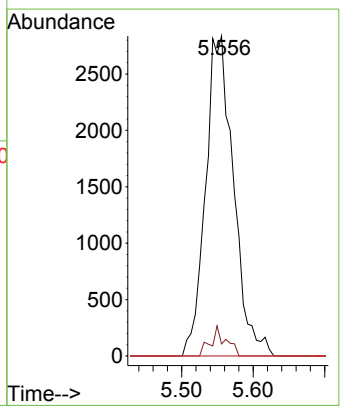


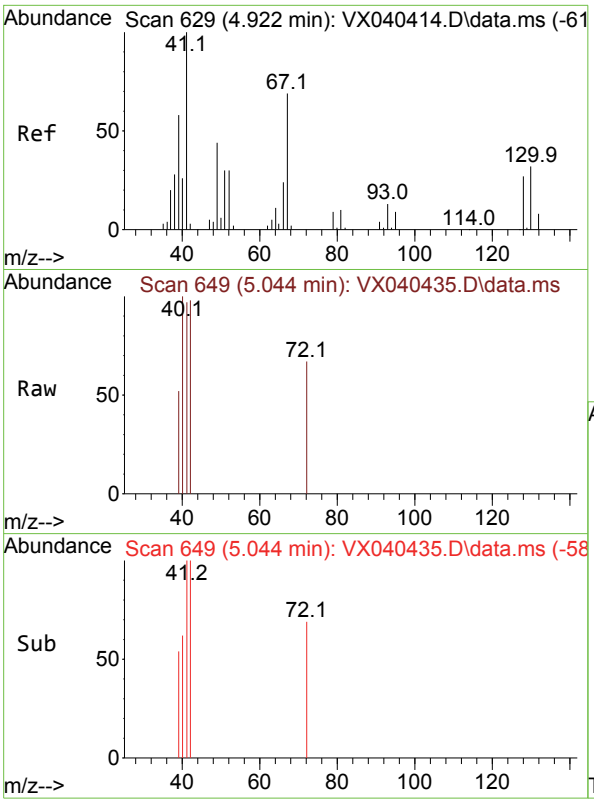


#38
Carbon Tetrachloride
Concen: 6.287 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion:117 Resp: 7712

Ion	Ratio	Lower	Upper
117	100		
119	3.7	78.2	117.2#
121	0.0	24.4	36.6#



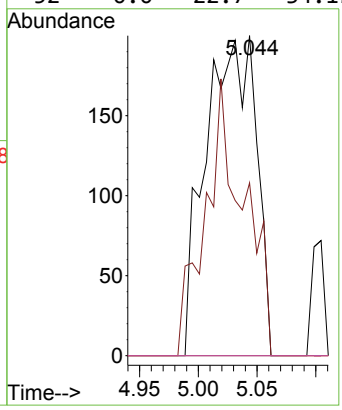


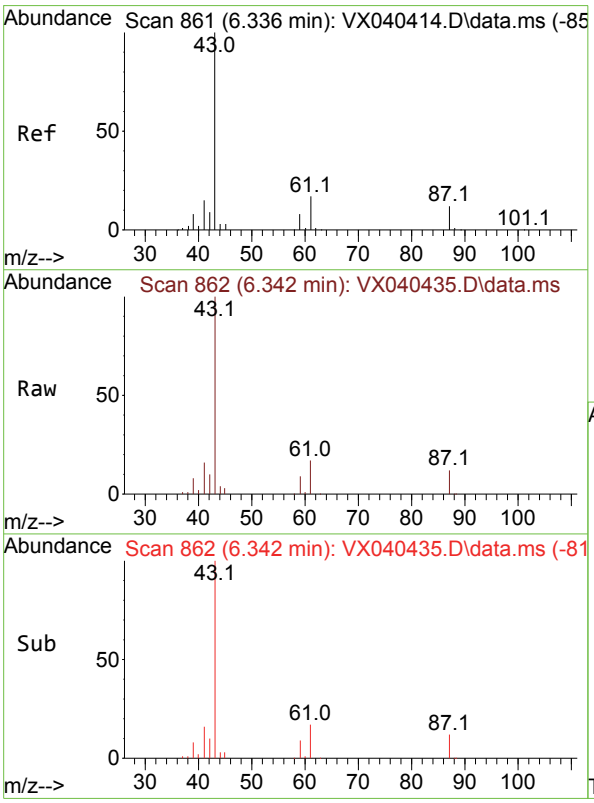
#41
Methacrylonitrile
Concen: 0.740 ug/l
RT: 5.044 min Scan# 64
Delta R.T. 0.122 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 41 Resp: 595

Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#

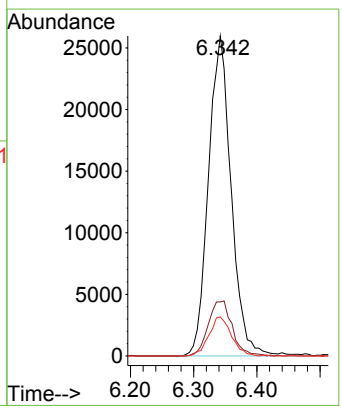


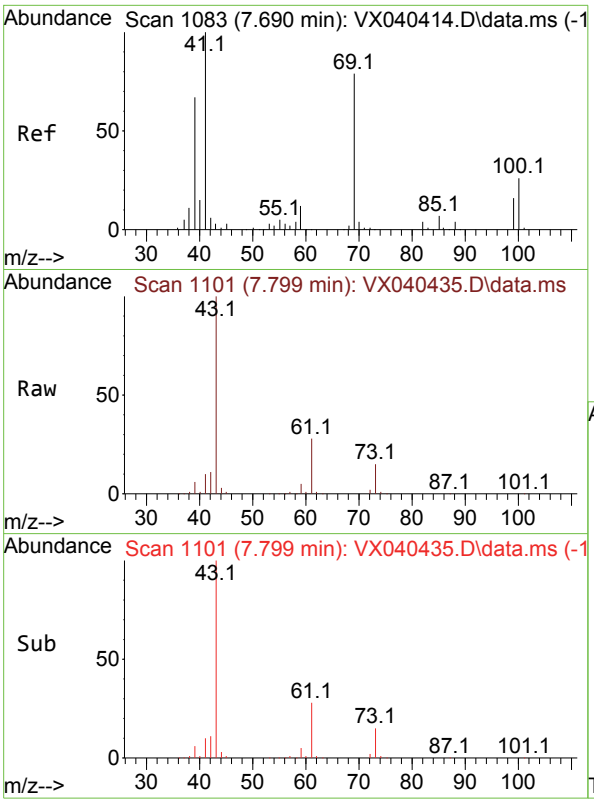


#43
Isopropyl Acetate
Concen: 27.803 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 43 Resp: 64619

Ion	Ratio	Lower	Upper
43	100		
61	18.1	15.2	22.8
87	12.1	9.8	14.6



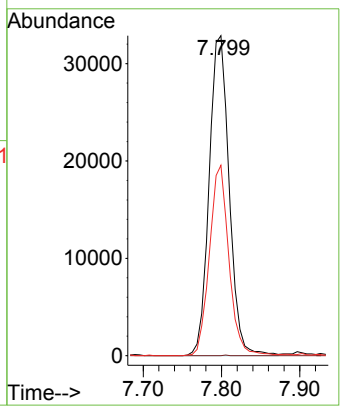


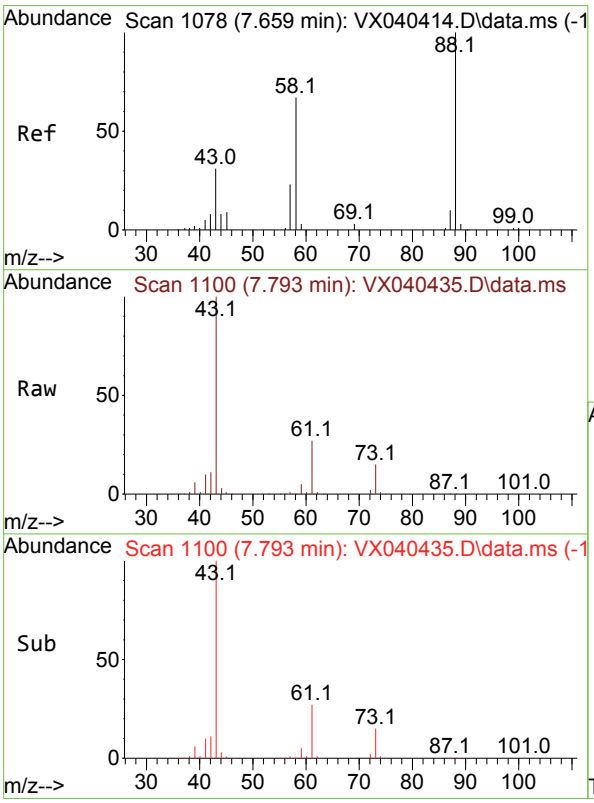
#48
Methyl methacrylate
Concen: 50.712 ug/l
RT: 7.799 min Scan# 1
Delta R.T. 0.110 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 41 Resp: 58369

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.2	88.8#
39	57.8	47.7	71.5

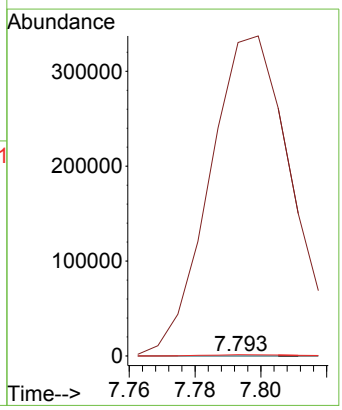


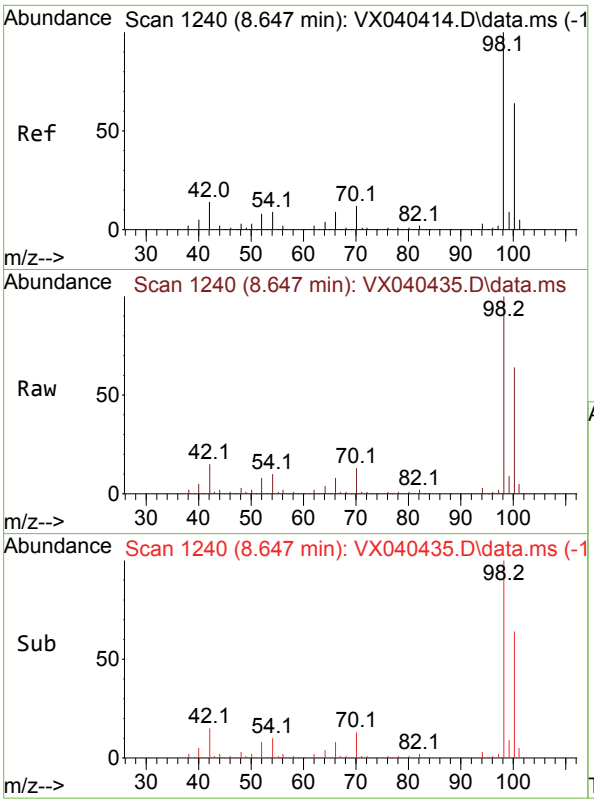


#49
1,4-Dioxane
Concen: 2.500 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.134 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 88 Resp: 58

Ion	Ratio	Lower	Upper
88	100		
43	1028337.9	0.0	0.0#
58	4306.9	60.1	90.1#



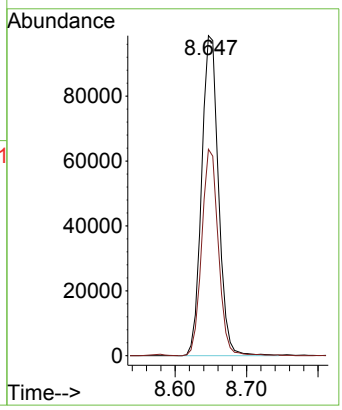


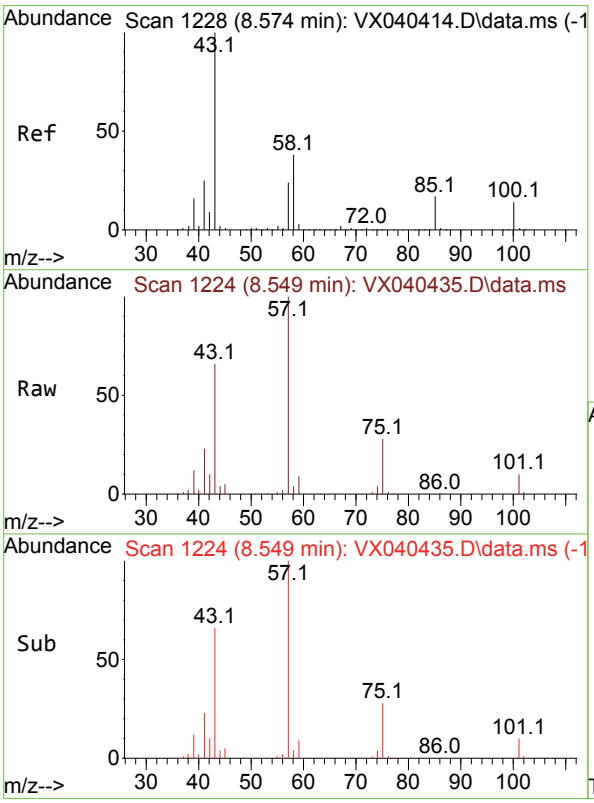
#50
Toluene-d8
Concen: 52.118 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 98 Resp: 161267

Ion	Ratio	Lower	Upper
98	100		
100	63.8	53.1	79.7

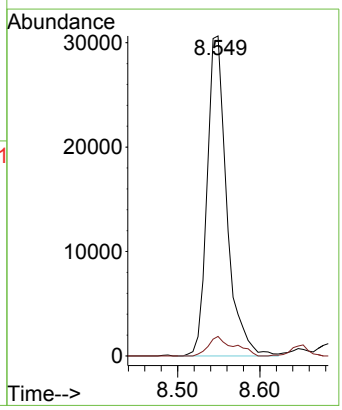


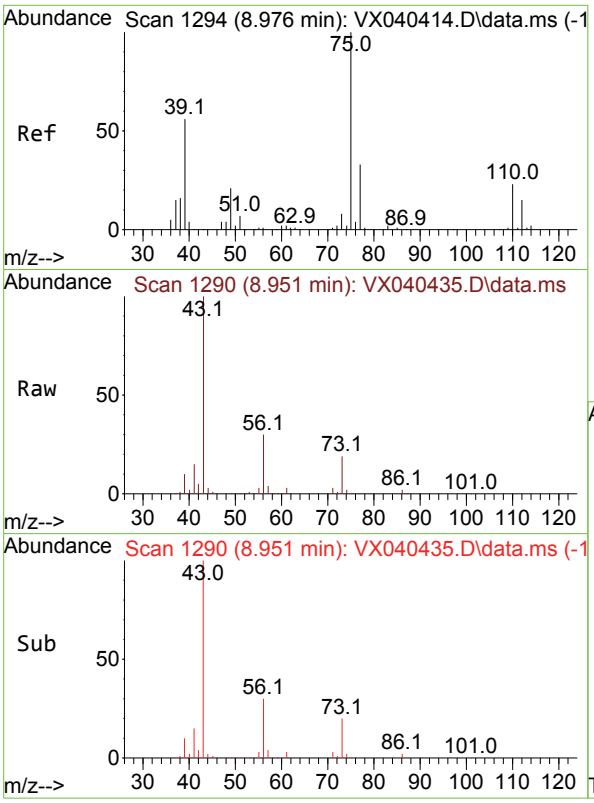


#51
4-Methyl-2-Pentanone
Concen: 32.225 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 43 Resp: 50868

Ion	Ratio	Lower	Upper
43	100		
58	7.9	30.4	45.6#



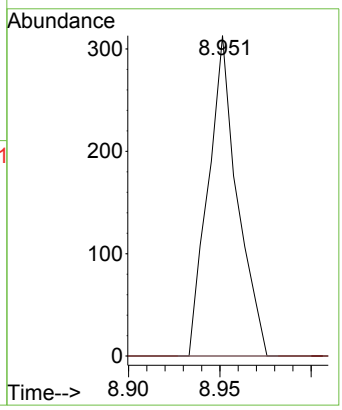


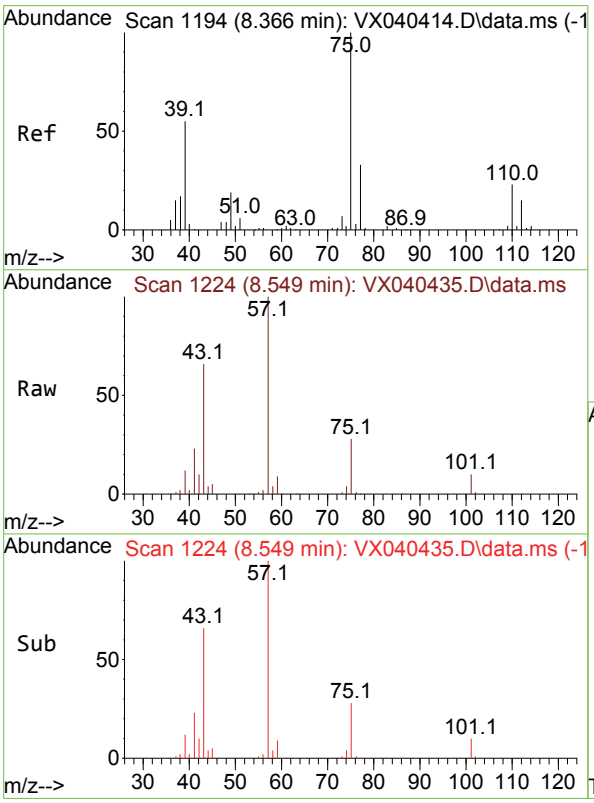
#53
t-1,3-Dichloropropene
Concen: 0.255 ug/l
RT: 8.951 min Scan# 1
Delta R.T. -0.025 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 75 Resp: 346

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#

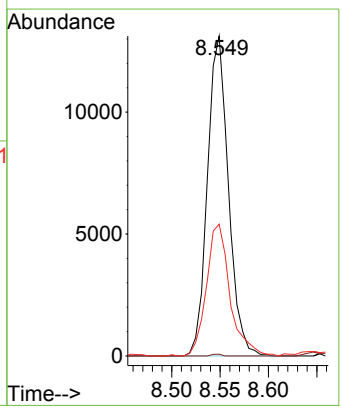


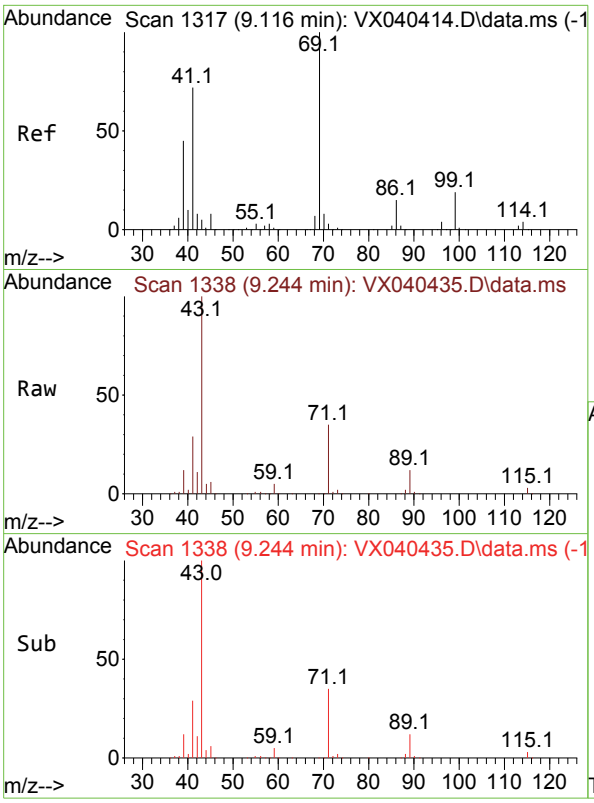


#54
cis-1,3-Dichloropropene
Concen: 13.745 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 75 Resp: 19840

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.3	37.9#
39	41.2	46.7	70.1#



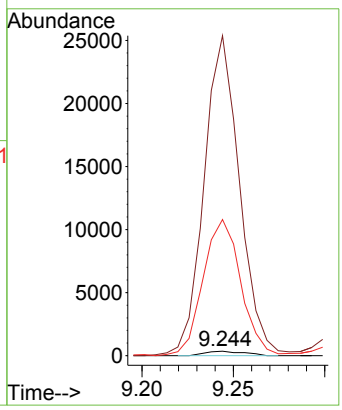


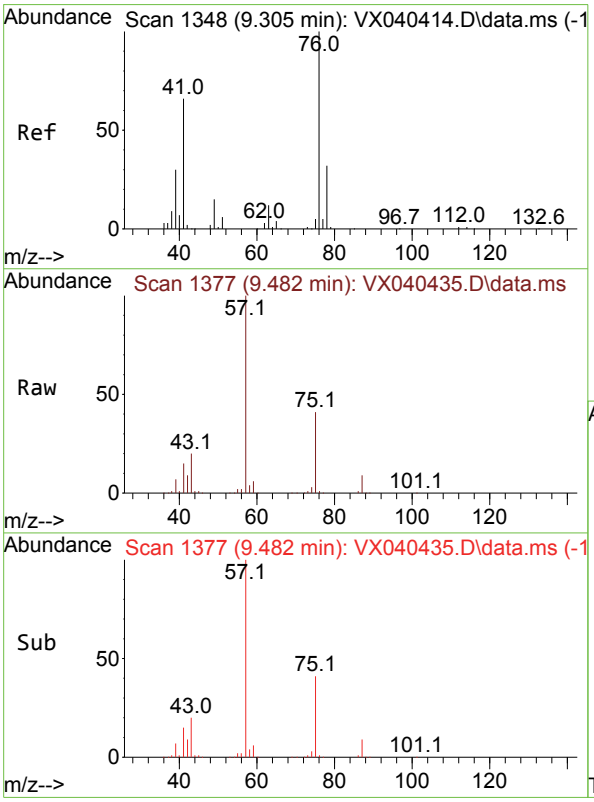
#56
Ethyl methacrylate
Concen: 0.364 ug/l
RT: 9.244 min Scan# 1
Delta R.T. 0.128 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 69 Resp: 526

Ion	Ratio	Lower	Upper
69	100		
41	6547.0	56.8	85.2#
39	2966.9	32.0	48.0#

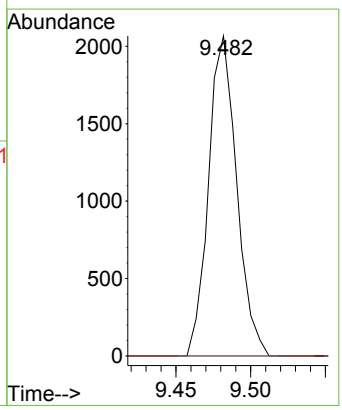


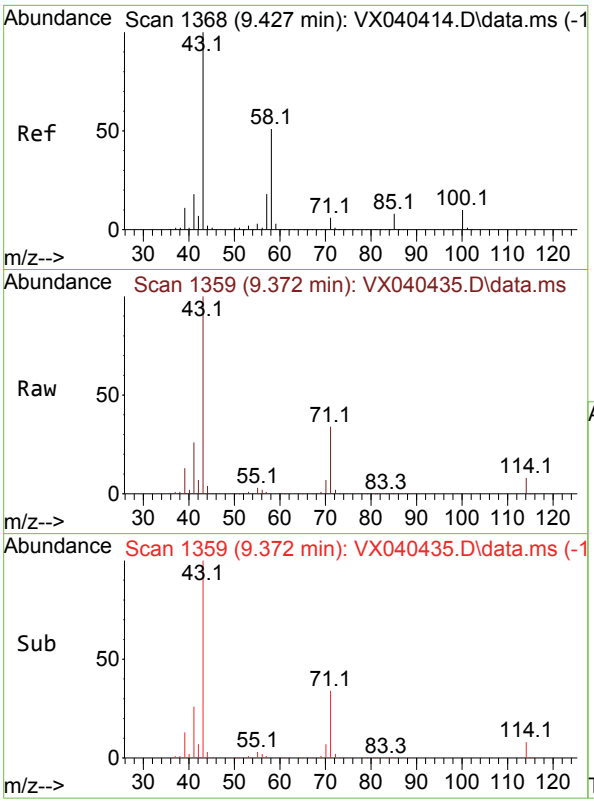


#57
1,3-Dichloropropane
Concen: 1.640 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 76 Resp: 2703

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#



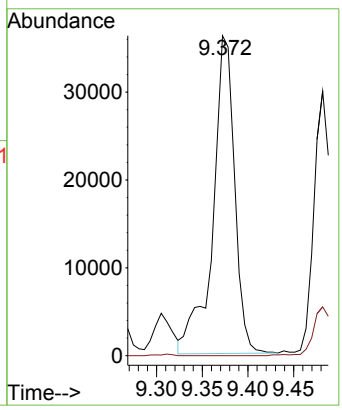


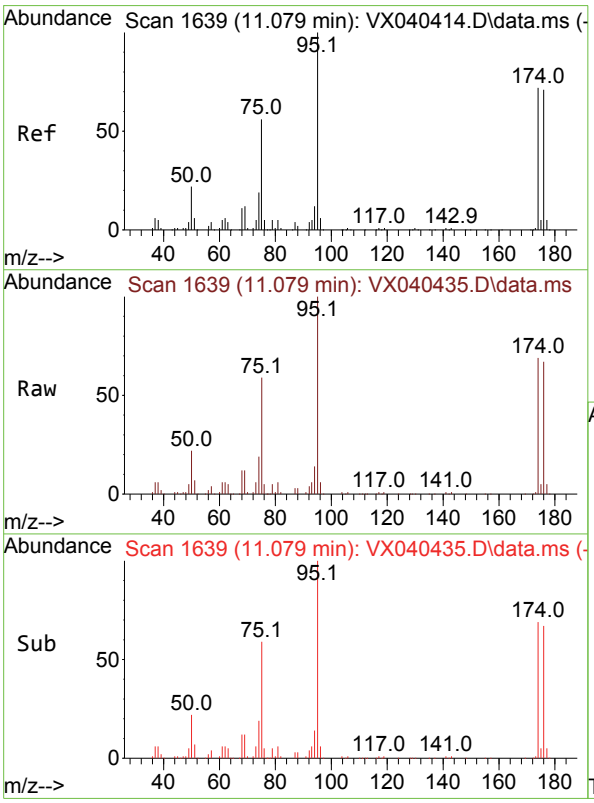
#59
2-Hexanone
Concen: 49.173 ug/l
RT: 9.372 min Scan# 1
Delta R.T. -0.055 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 43 Resp: 59864

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.2	78.5#

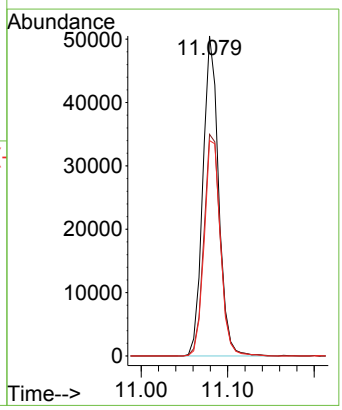


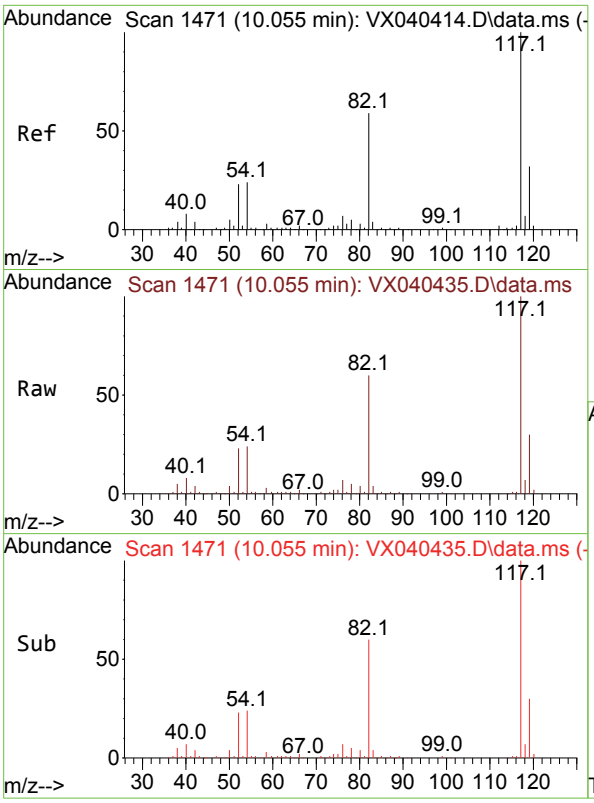


#62
4-Bromofluorobenzene
Concen: 51.359 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 95 Resp: 63682

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	135.6
176	69.8	0.0	131.0



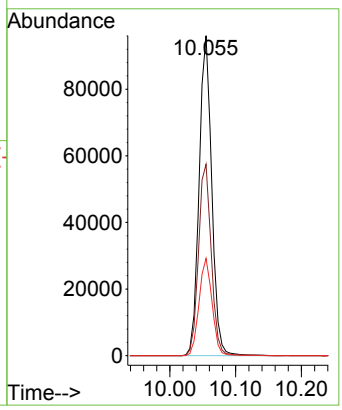


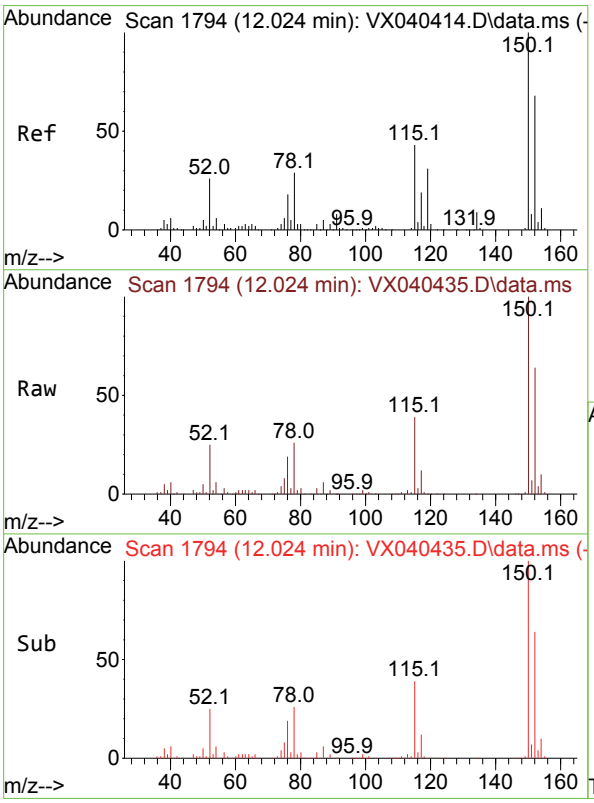
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion:117 Resp: 128039

Ion	Ratio	Lower	Upper
117	100		
82	59.8	46.2	69.4
119	30.4	25.5	38.3

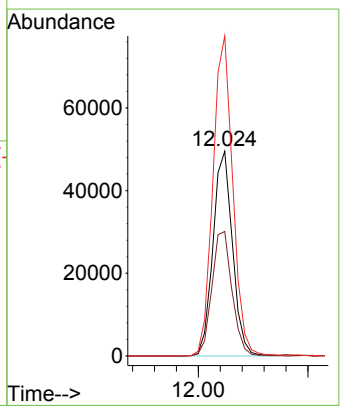


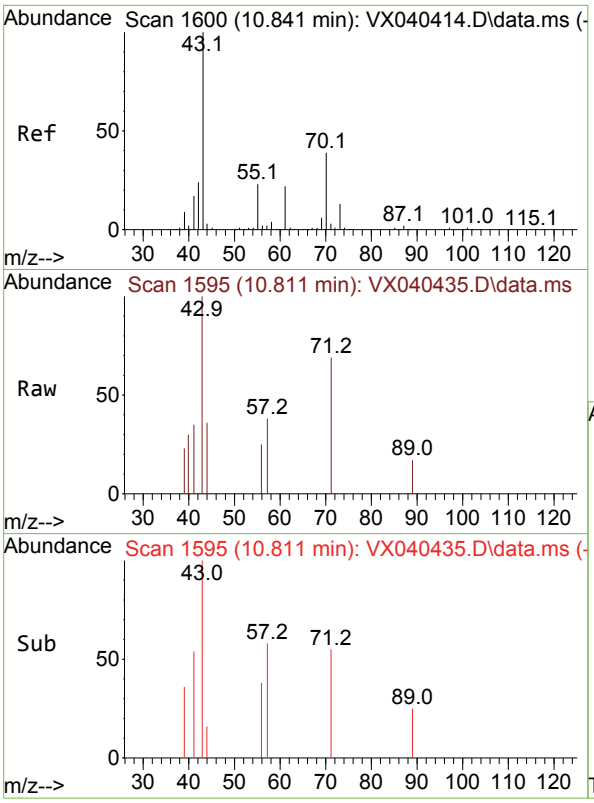


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion:152 Resp: 61334

Ion	Ratio	Lower	Upper
152	100		
115	62.8	43.3	129.9
150	159.2	0.0	345.0



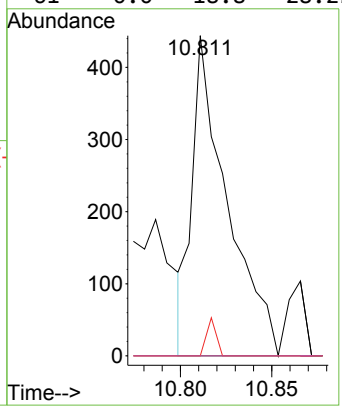


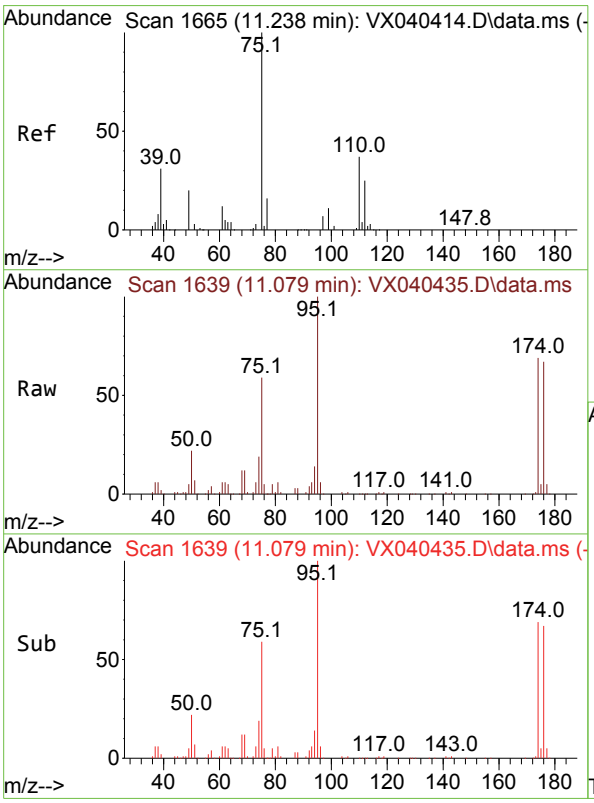
#74
N-amyl acetate
Concen: 0.293 ug/l
RT: 10.811 min Scan# 1
Delta R.T. -0.030 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 43 Resp: 590

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.9	49.3#
55	3.2	19.3	28.9#
61	0.0	18.8	28.2#

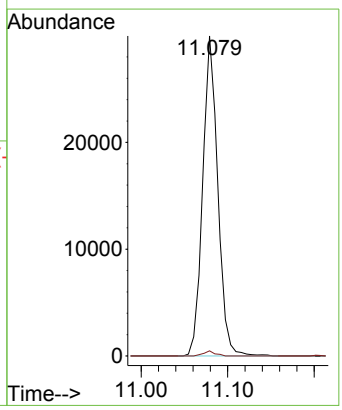


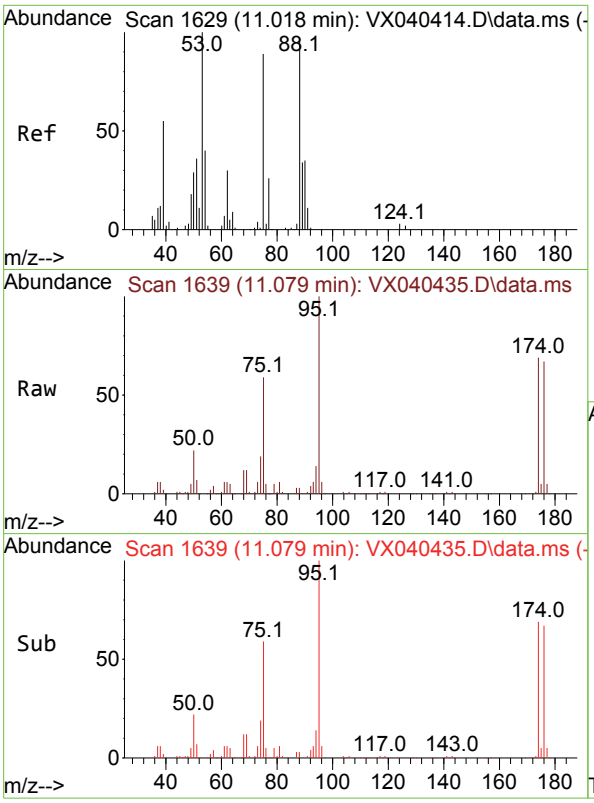


#76
1,2,3-Trichloropropane
Concen: 26.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Tgt Ion: 75 Resp: 36212

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.388 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040435.D
Acq: 23 Feb 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
PB159217ZHE#05

Tgt Ion: 75 Resp: 36212

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	36.9	55.3#