Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051424\
Data File : VX041516.D
Acq On : 14 May 2024 13:39
Operator : JC/MD
Sample : P2468-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Quant Time: May 15 00:59:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	154894	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	231996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88152	52.277	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.560%			
35) Dibromofluoromethane	5.385	113	72490	46.108	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.220%			
50) Toluene-d8	8.647	98	272316	54.725	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 109.460%			
62) 4-Bromofluorobenzene	11.079	95	103225	53.588	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.180%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	562	0.714	ug/l	89
6) Chloroethane	1.673	64	180	0.309	ug/l #	43
8) Diethyl Ether	2.130	74	194	0.254	ug/l #	14
11) Tert butyl alcohol	2.947	59	1607	4.761	ug/l #	78
13) Acrolein	2.233	56	100	0.373	ug/l	99
16) Acetone	2.386	43	44716	57.202	ug/l	96
18) Methyl Acetate	2.709	43	5062	2.934	ug/l	96
20) Methylene Chloride	2.788	84	12176	8.318	ug/l	94
25) 2-Butanone	4.599	43	4404	4.035	ug/l	94
29) Tetrahydrofuran	5.038	42	343	0.481	ug/l #	67
31) Cyclohexane	5.544	56	2782	1.367	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	9809	5.218	ug/l #	51
37) Ethyl Acetate	4.745	43	2789	1.189	ug/l #	77
38) Carbon Tetrachloride	5.550	117	13686	6.355	ug/l #	15
41) Methacrylonitrile	5.038	41	331	0.274	ug/l #	33
43) Isopropyl Acetate	6.342	43	120689	34.220	ug/l	99
48) Methyl methacrylate	7.799	41	112183	69.389	ug/l #	48
49) 1,4-Dioxane	7.806	88	100	2.861	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	92257	43.594	ug/l #	50
53) t-1,3-Dichloropropene	8.952	75	780	2.789	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	40681	20.145	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	4910	2.155	ug/l #	42
59) 2-Hexanone	9.482	43	66904	39.536	ug/l #	52
74) N-amyl acetate	10.640	43	22680	7.486	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	51959	28.065	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	51959	76.445	ug/l #	5

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

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Sample : P2468-04
Misc : 5.0mL/MSVOA_X/WATER
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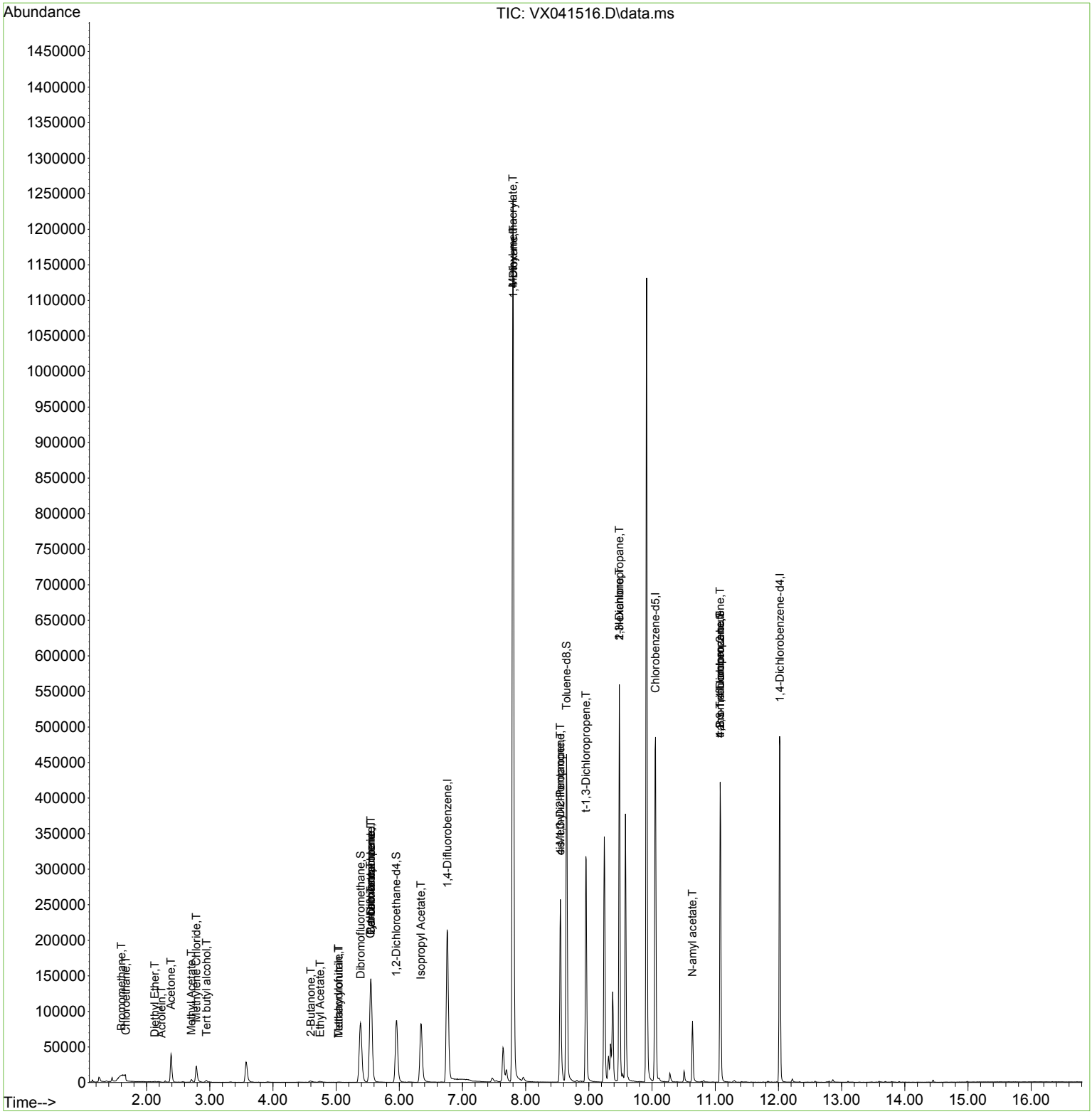
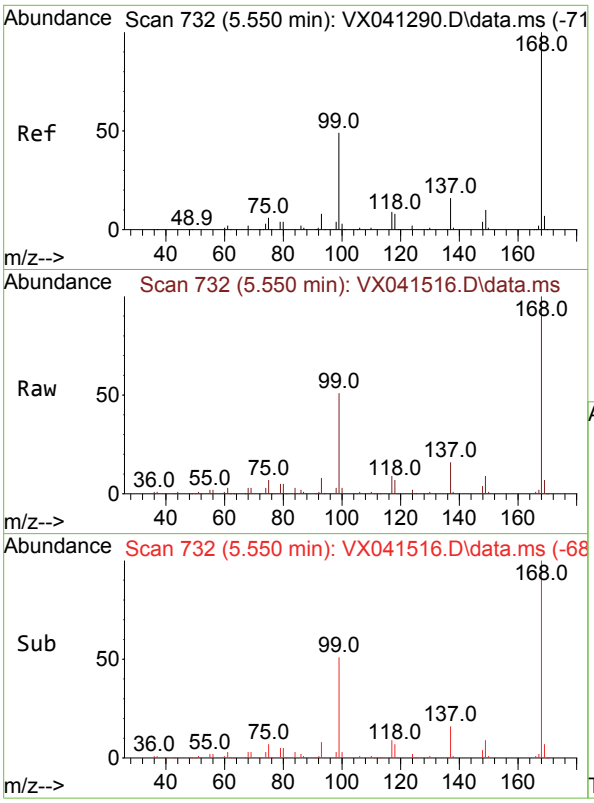
Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Quant Time: May 15 00:59:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X043024W.M
Quant Title : SW846 8260
QLast Update : Wed May 08 06:03:16 2024
Response via : Initial Calibration



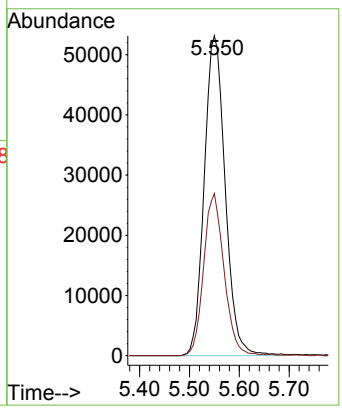


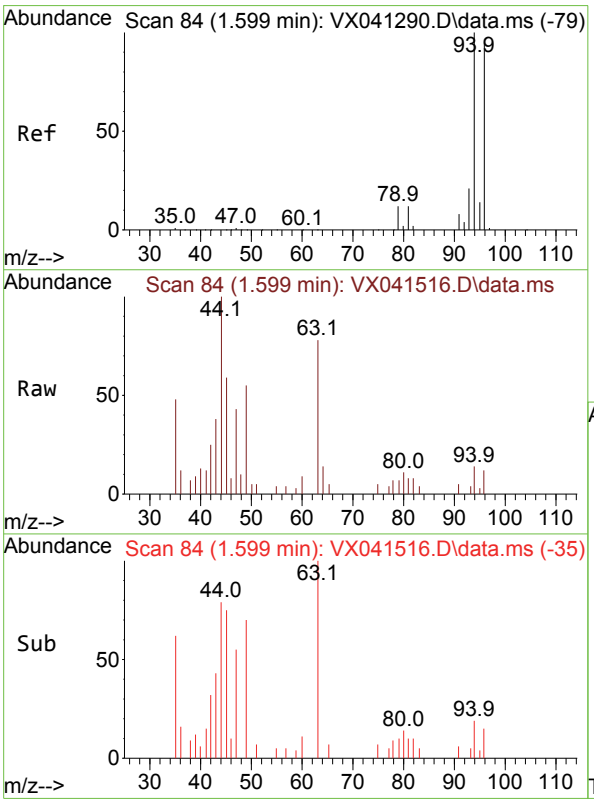
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion:168 Resp: 154894

Ion	Ratio	Lower	Upper
168	100		
99	50.7	56.6	85.0#

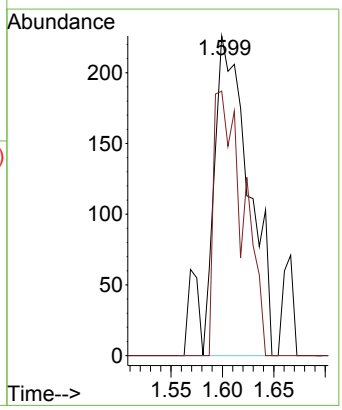


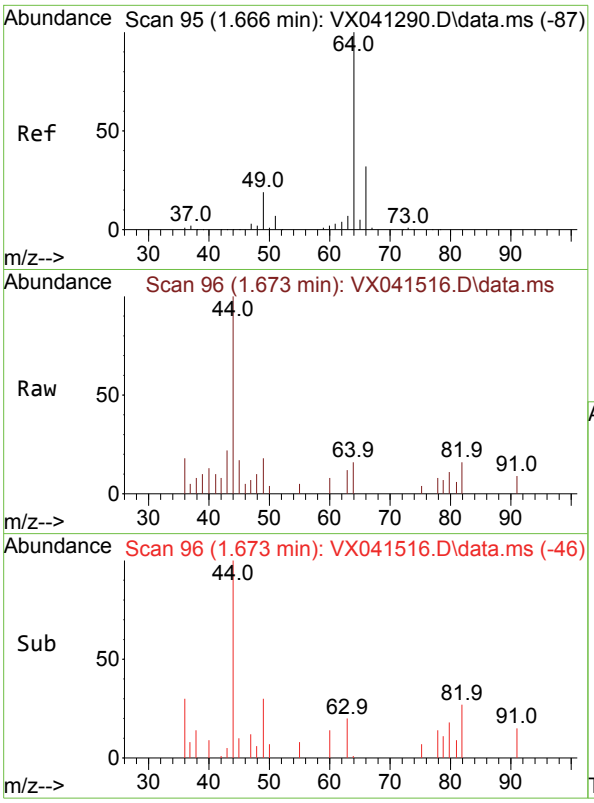


#5
Bromomethane
Concen: 0.714 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 94 Resp: 562

Ion	Ratio	Lower	Upper
94	100		
96	82.7	74.6	111.8



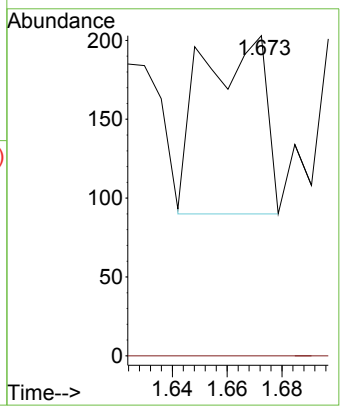


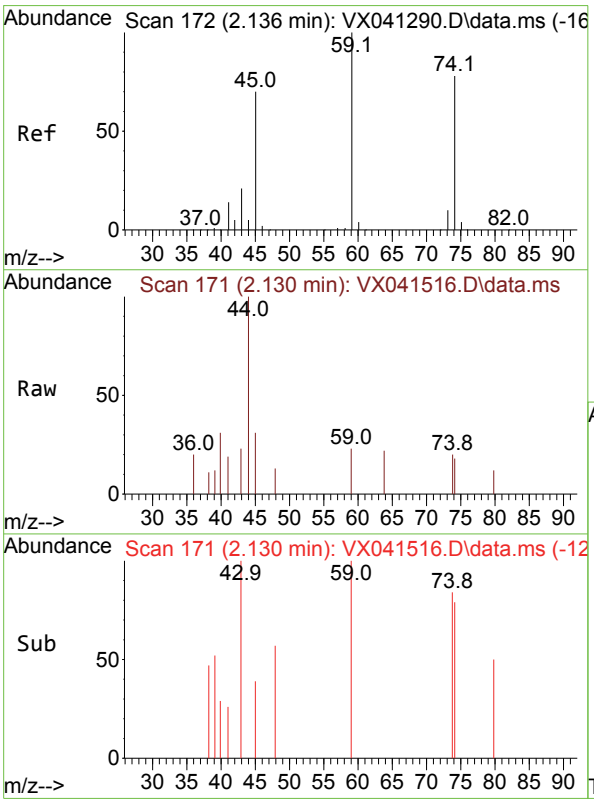
#6
Chloroethane
Concen: 0.309 ug/l
RT: 1.673 min Scan# 9
Delta R.T. 0.006 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 64 Resp: 180

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#

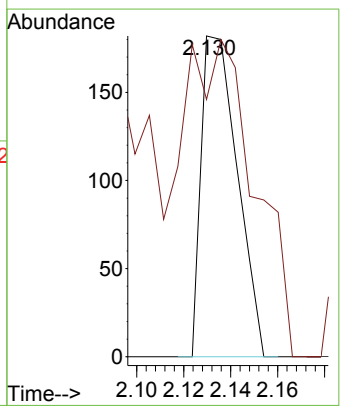


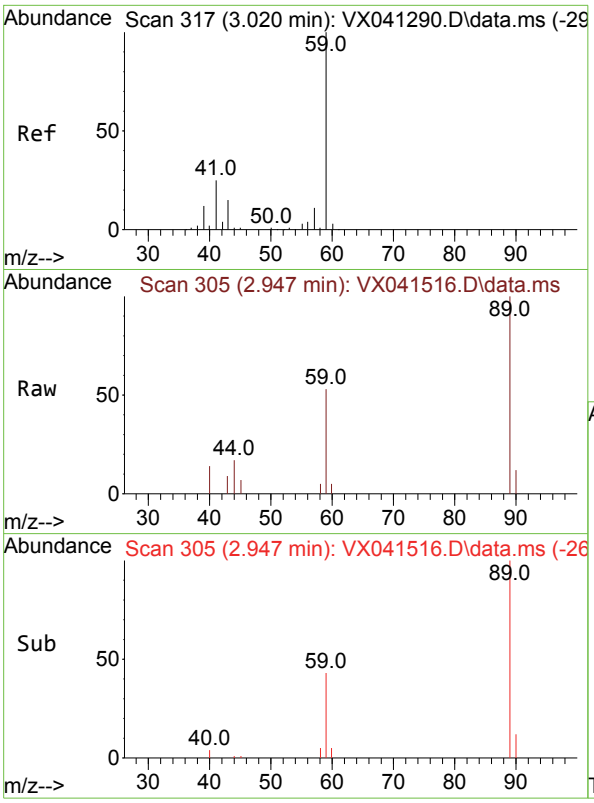


#8
Diethyl Ether
Concen: 0.254 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 74 Resp: 194

Ion	Ratio	Lower	Upper
74	100		
45	195.4	53.3	159.8#



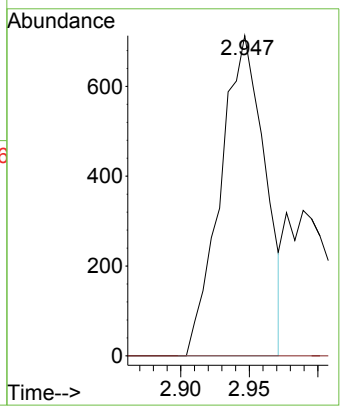


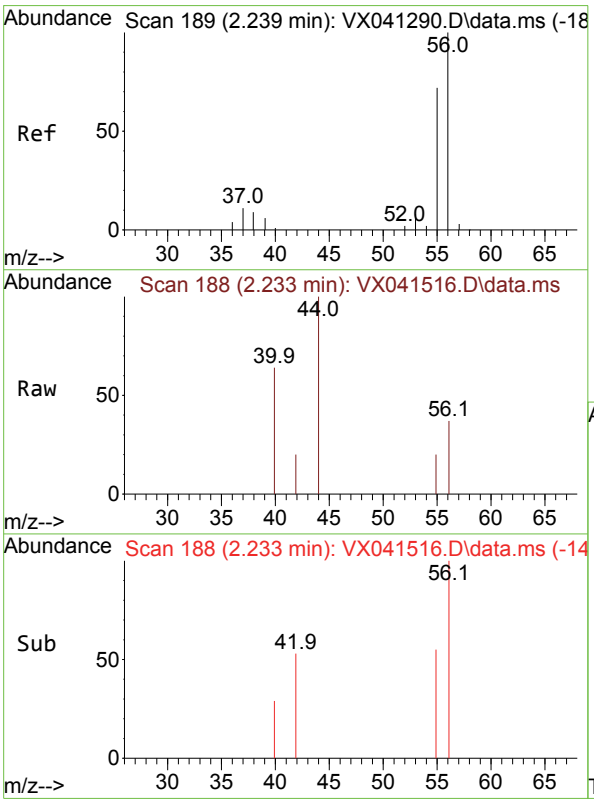
#11
Tert butyl alcohol
Concen: 4.761 ug/l
RT: 2.947 min Scan# 3
Delta R.T. -0.073 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 59 Resp: 1607

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.0	9.0#

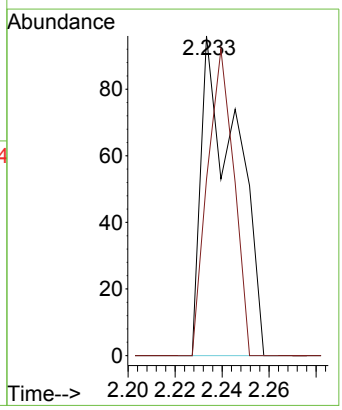


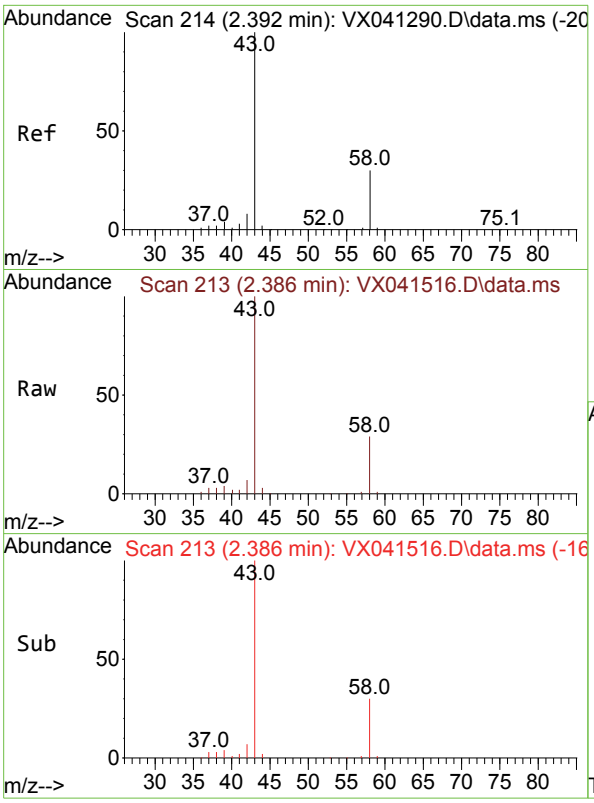


#13
Acrolein
Concen: 0.373 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 56 Resp: 100

Ion	Ratio	Lower	Upper
56	100		
55	72.0	57.1	85.7



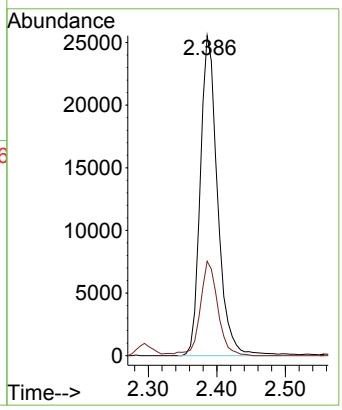


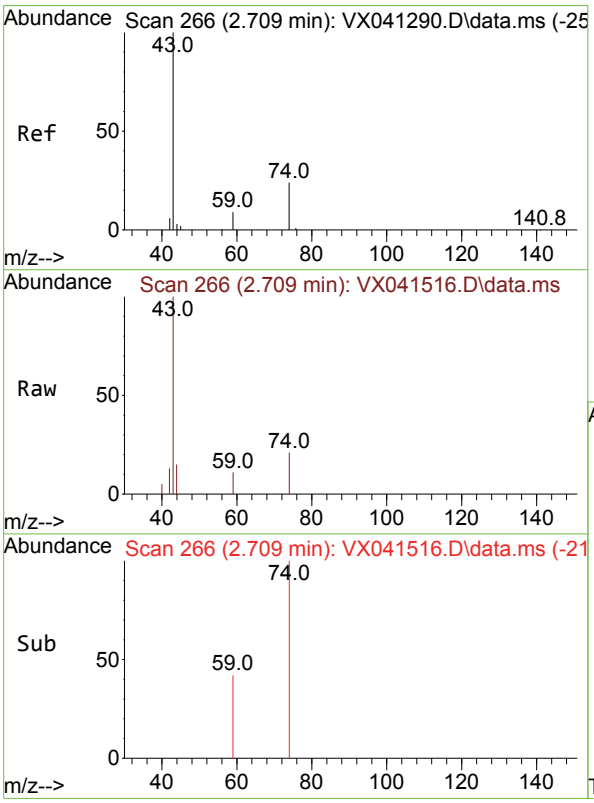
#16
Acetone
Concen: 57.202 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 43 Resp: 44716

Ion	Ratio	Lower	Upper
43	100		
58	29.5	21.9	32.9

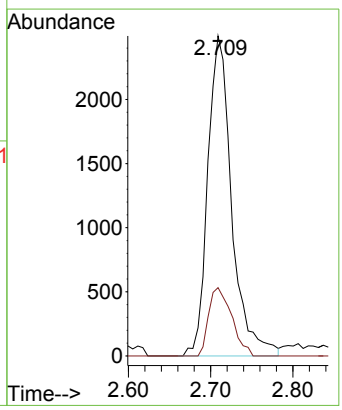


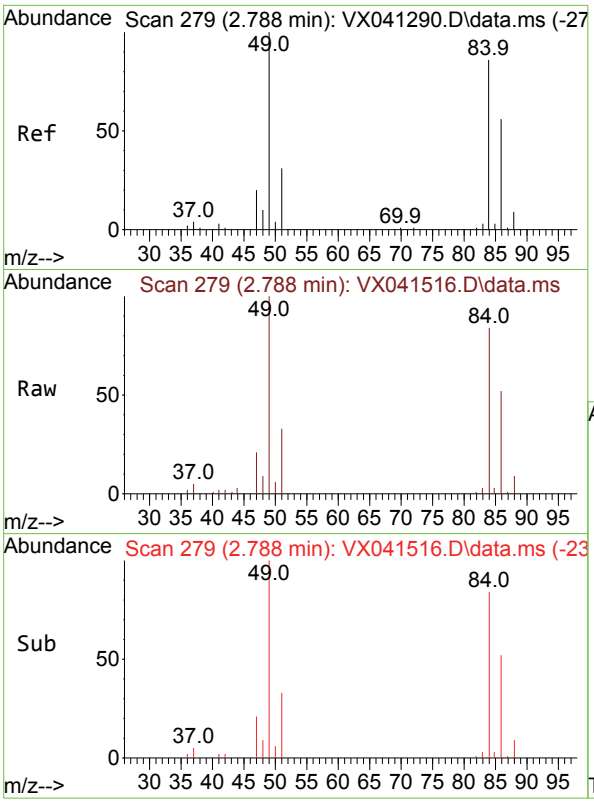


#18
Methyl Acetate
Concen: 2.934 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 43 Resp: 5062

Ion	Ratio	Lower	Upper
43	100		
74	20.4	17.8	26.8



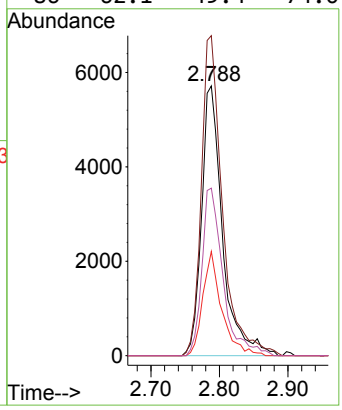


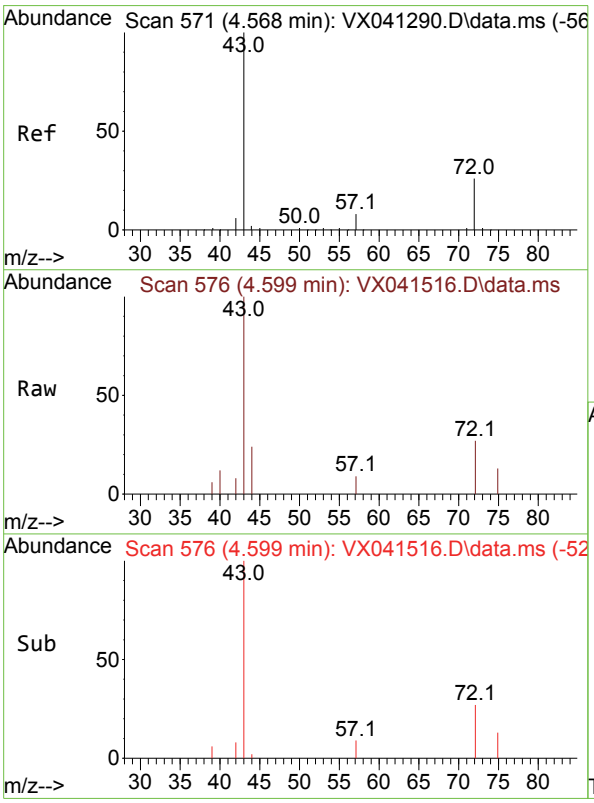
#20
Methylene Chloride
Concen: 8.318 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 84 Resp: 12176

Ion	Ratio	Lower	Upper
84	100		
49	118.6	103.6	155.4
51	38.6	33.8	50.6
86	62.1	49.4	74.0

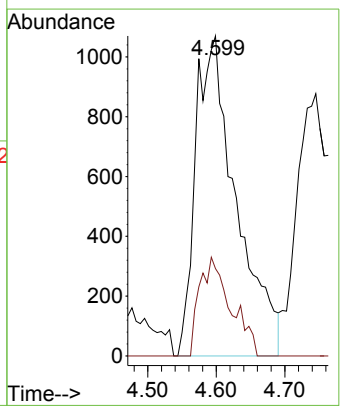


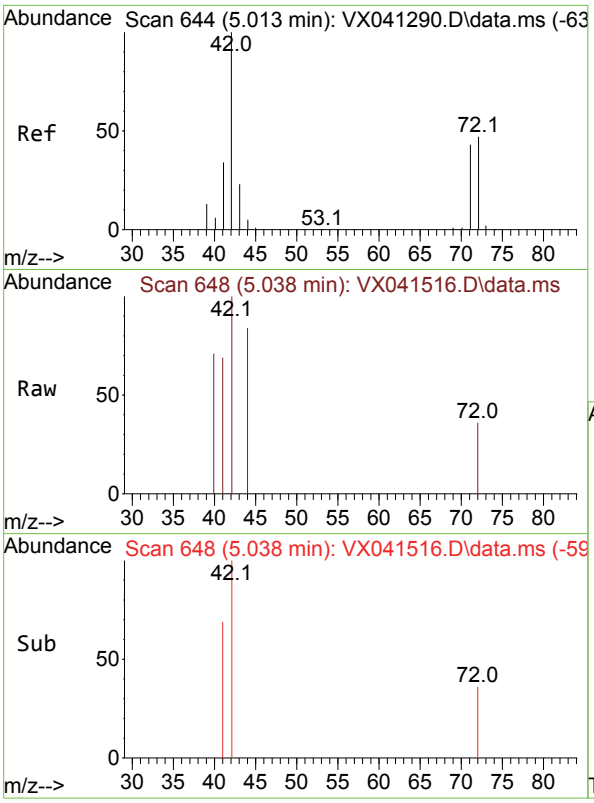


#25
2-Butanone
Concen: 4.035 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 43 Resp: 4404

Ion	Ratio	Lower	Upper
43	100		
72	27.3	19.4	29.2



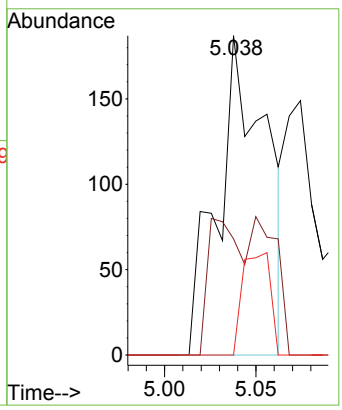


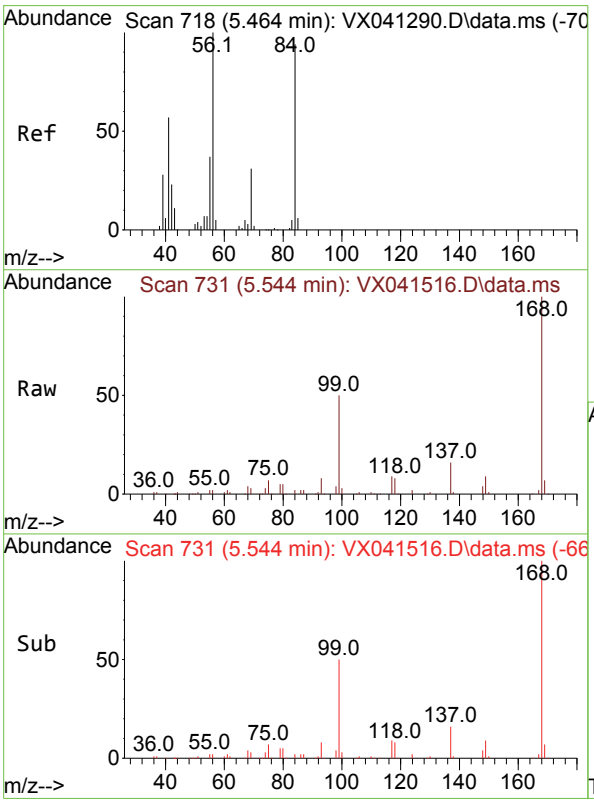
#29
Tetrahydrofuran
Concen: 0.481 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.025 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 42 Resp: 343

Ion	Ratio	Lower	Upper
42	100		
72	23.3	34.2	51.4#
71	18.4	32.2	48.2#

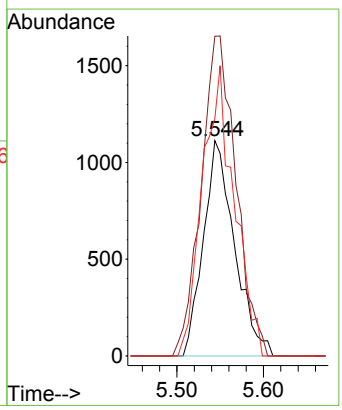


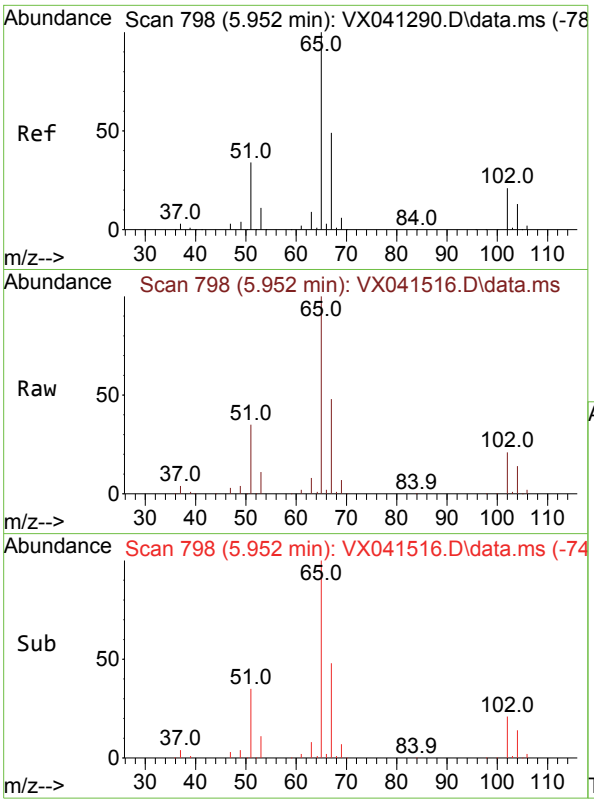


#31
Cyclohexane
Concen: 1.367 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 56 Resp: 2782

Ion	Ratio	Lower	Upper
56	100		
69	148.4	23.4	35.2#
84	110.2	65.9	98.9#



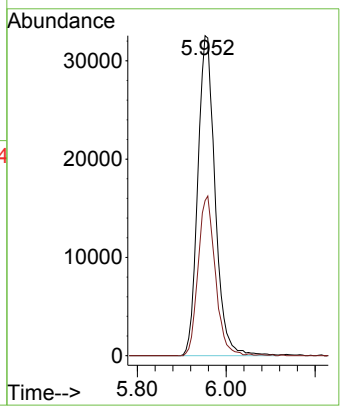


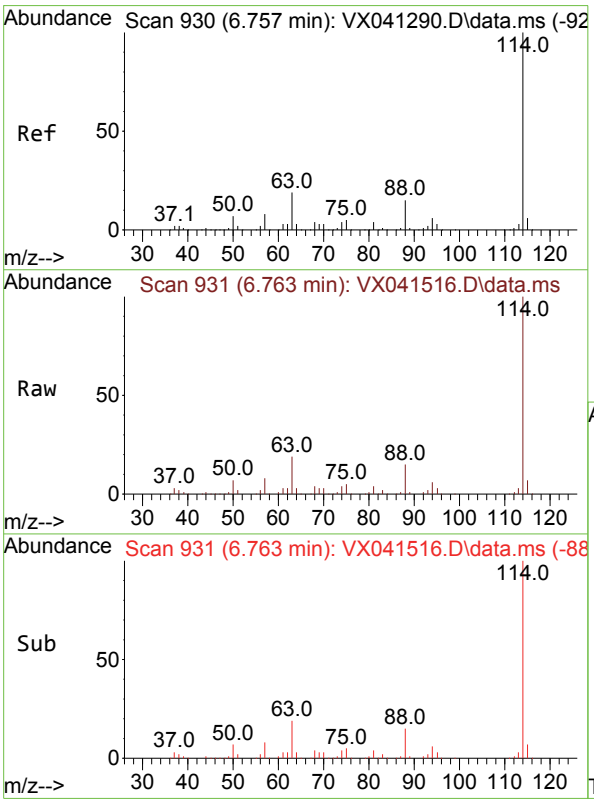
#33
1,2-Dichloroethane-d4
Concen: 52.277 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 65 Resp: 88152

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	100.2

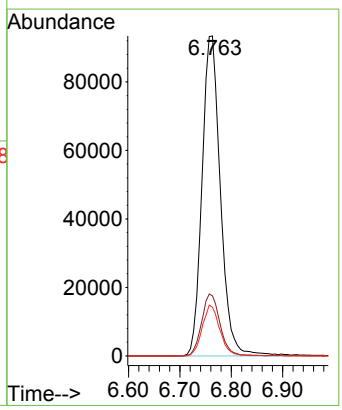


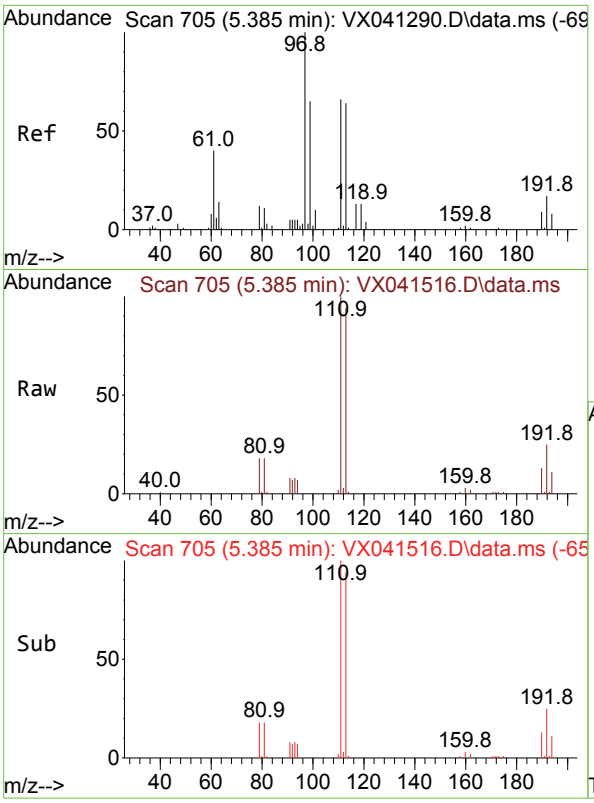


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion:114 Resp: 231996

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	45.0
88	15.2	0.0	36.6



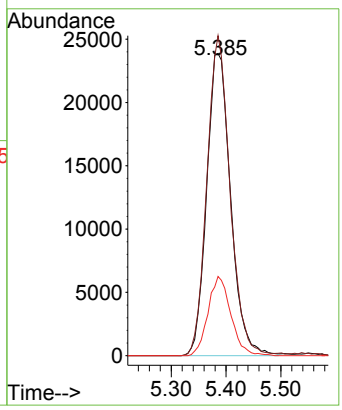


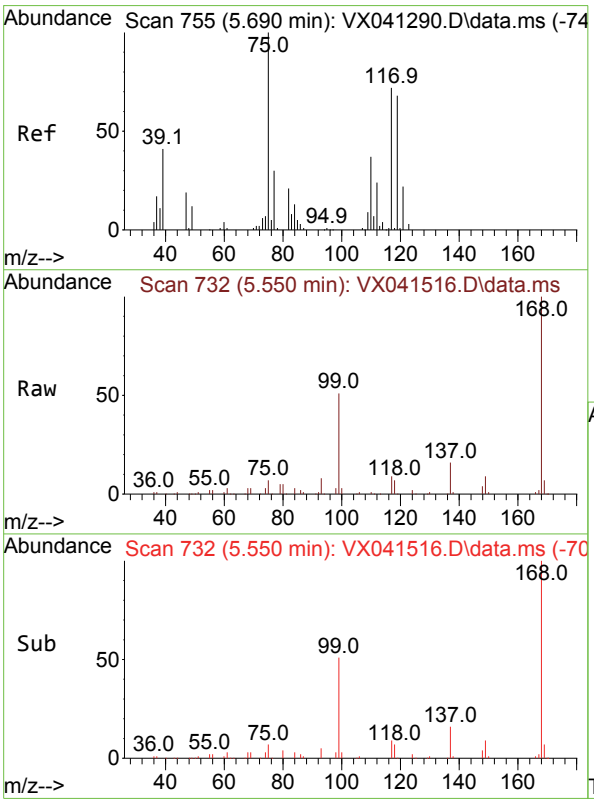
#35
Dibromofluoromethane
Concen: 46.108 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion:113 Resp: 72490

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	25.0	13.3	19.9#

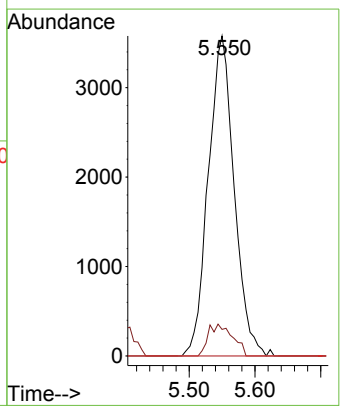


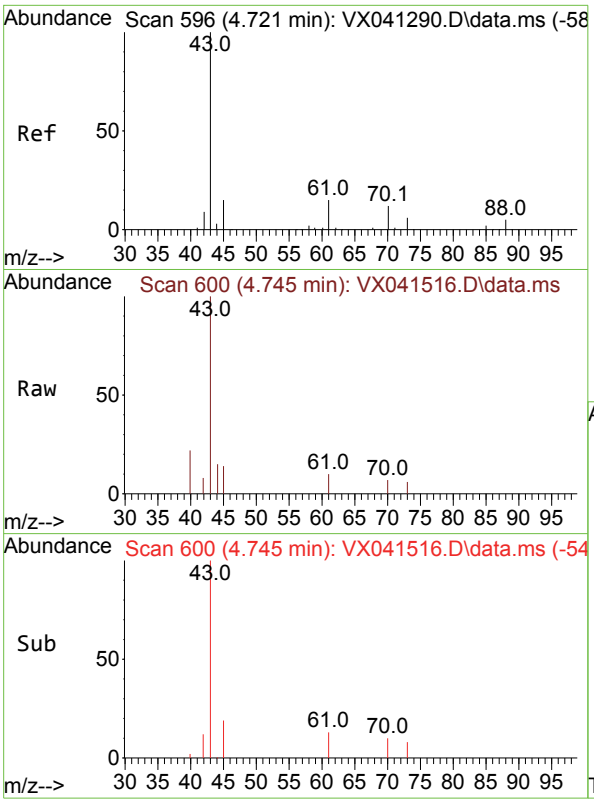


#36
1,1-Dichloropropene
Concen: 5.218 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 75 Resp: 9809

Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.0	50.9#
77	0.0	24.7	37.1#



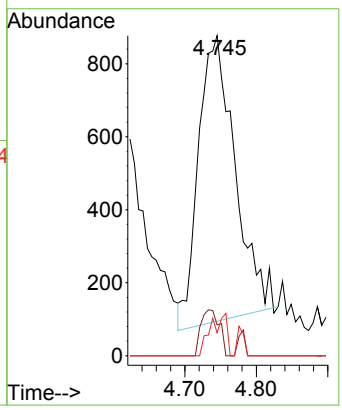


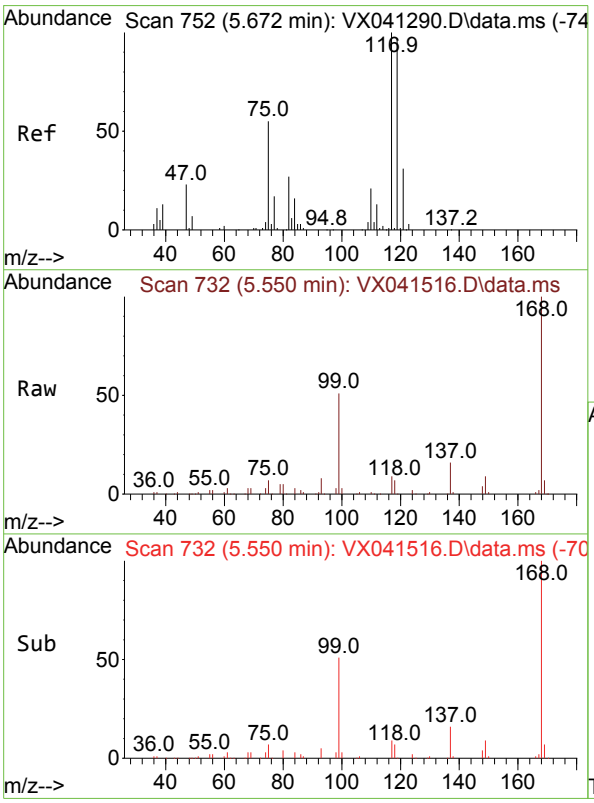
#37
Ethyl Acetate
Concen: 1.189 ug/l
RT: 4.745 min Scan# 6
Delta R.T. 0.025 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 43 Resp: 2789

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	6.5	8.3	12.5#

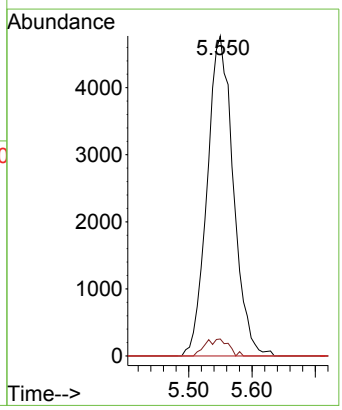


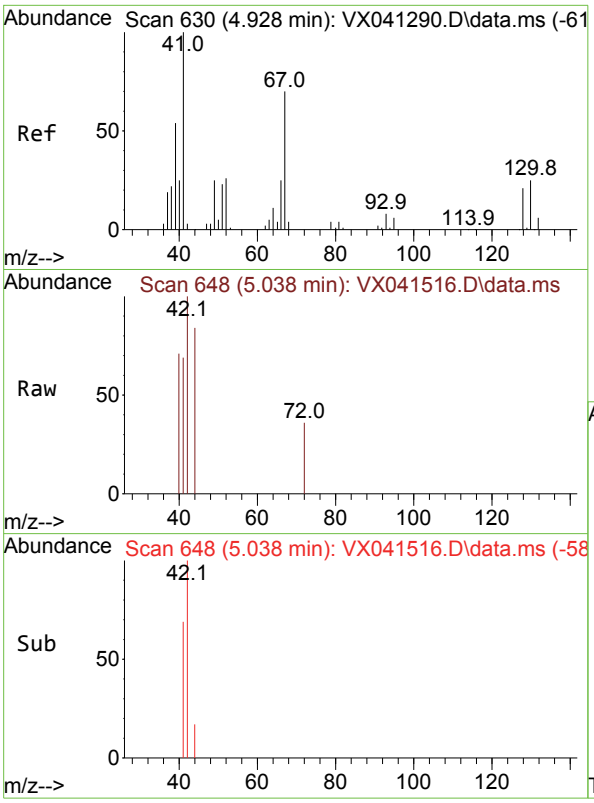


#38
Carbon Tetrachloride
Concen: 6.355 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion:117 Resp: 13686

Ion	Ratio	Lower	Upper
117	100		
119	5.3	78.2	117.2#
121	0.0	24.4	36.6#



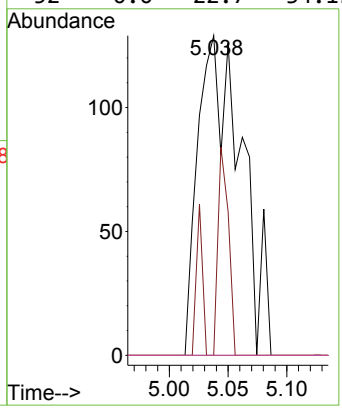


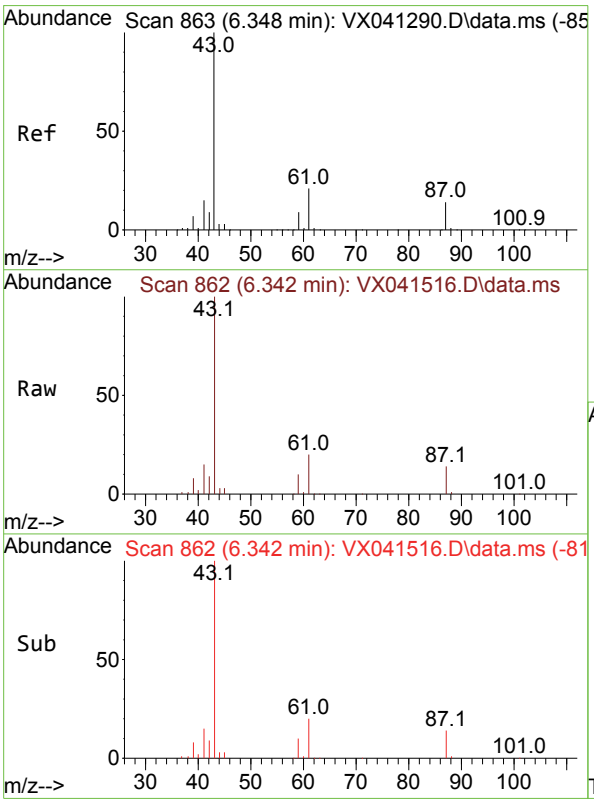
#41
Methacrylonitrile
Concen: 0.274 ug/l
RT: 5.038 min Scan# 64
Delta R.T. 0.110 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 41 Resp: 331

Ion	Ratio	Lower	Upper
41	100		
39	15.7	45.2	67.8#
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#

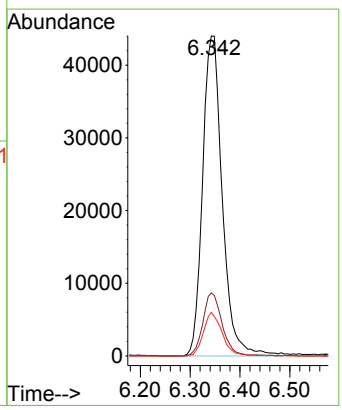


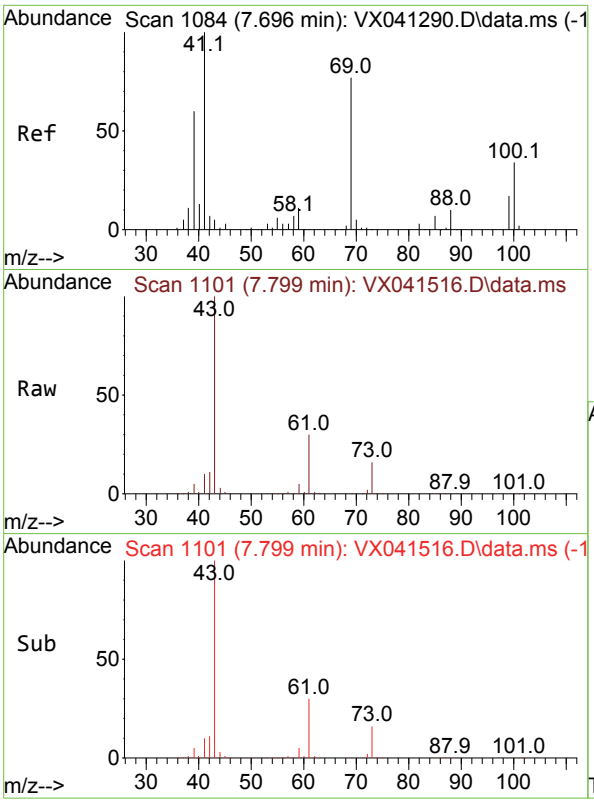


#43
Isopropyl Acetate
Concen: 34.220 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 43 Resp: 120689

Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.2	22.8
87	13.0	9.8	14.6



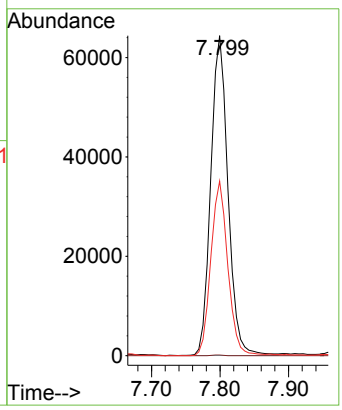


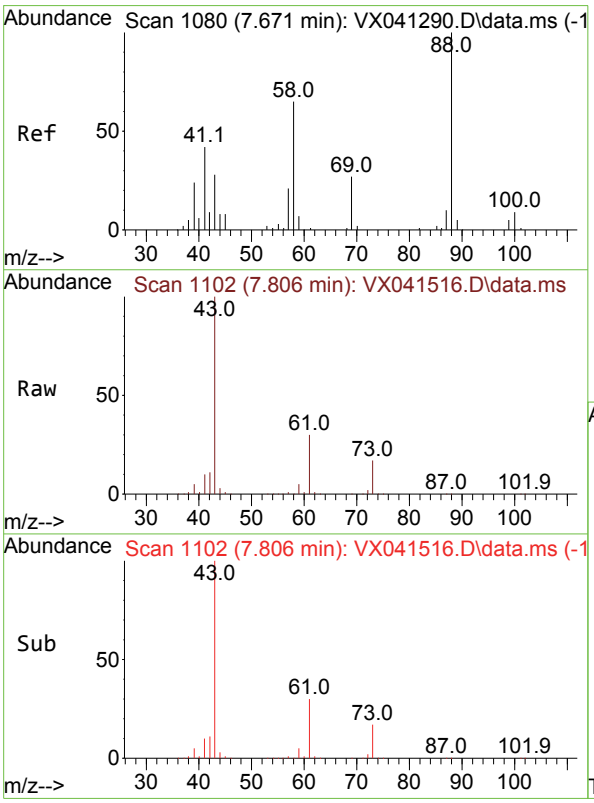
#48
Methyl methacrylate
Concen: 69.389 ug/l
RT: 7.799 min Scan# 11
Delta R.T. 0.104 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 41 Resp: 112183

Ion	Ratio	Lower	Upper
41	100		
69	0.1	59.2	88.8#
39	54.1	47.7	71.5

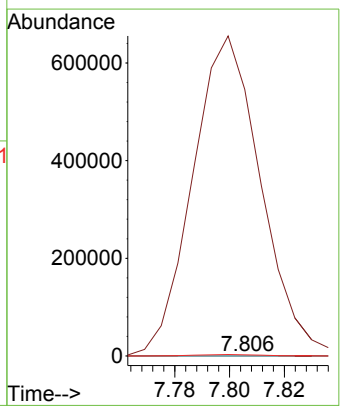


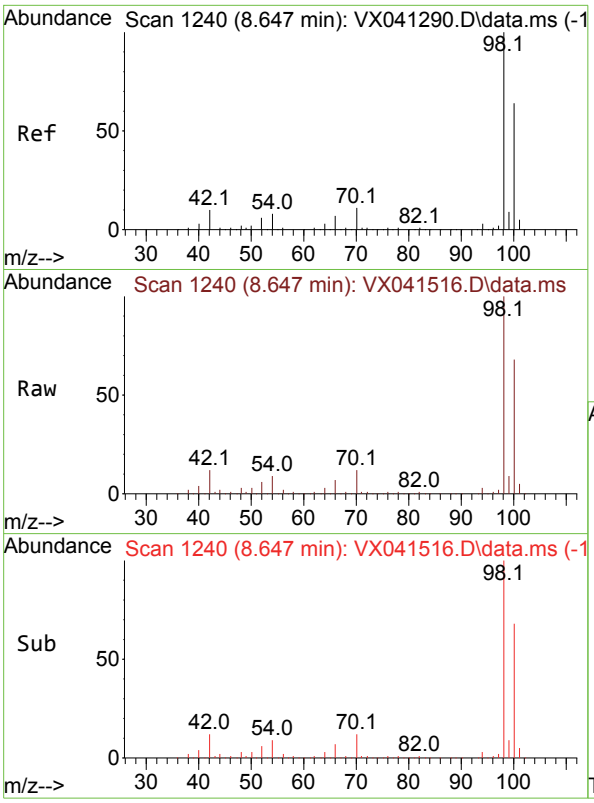


#49
1,4-Dioxane
Concen: 2.861 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.134 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 88 Resp: 100

Ion	Ratio	Lower	Upper
88	100		
43	1153376.0	0.0	0.0#
58	5009.0	60.1	90.1#



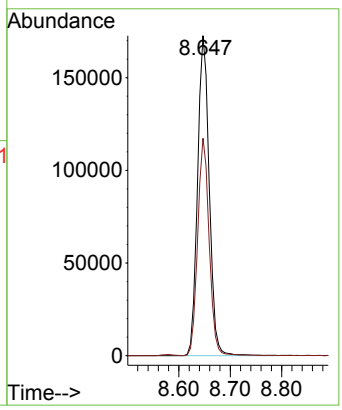


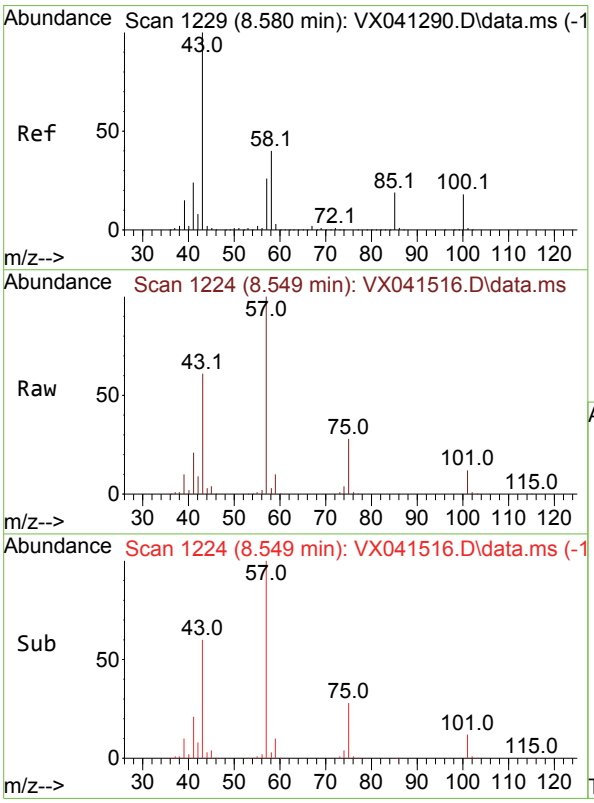
#50
Toluene-d8
Concen: 54.725 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 98 Resp: 272316

Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.1	79.7

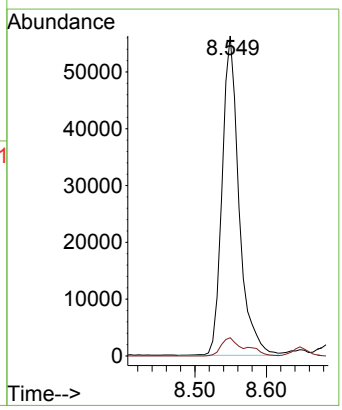


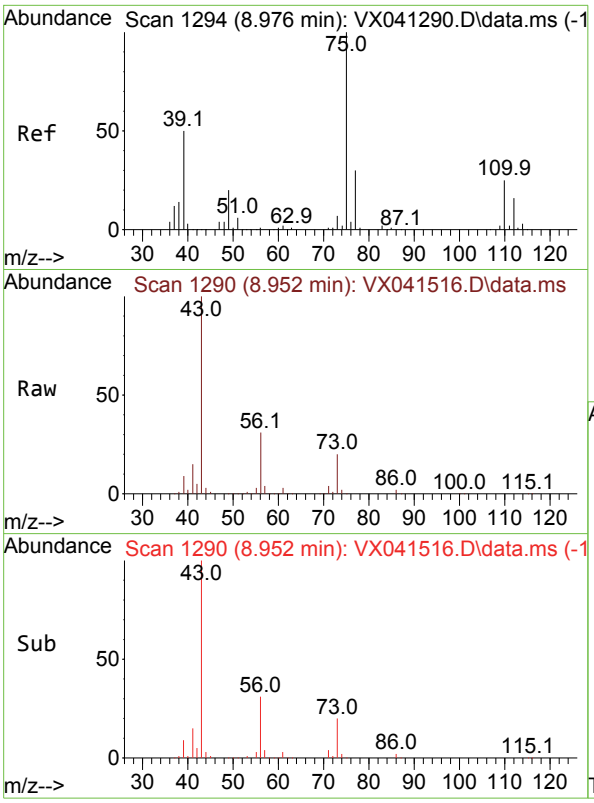


#51
4-Methyl-2-Pentanone
Concen: 43.594 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.030 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 43 Resp: 92257

Ion	Ratio	Lower	Upper
43	100		
58	8.0	30.4	45.6#



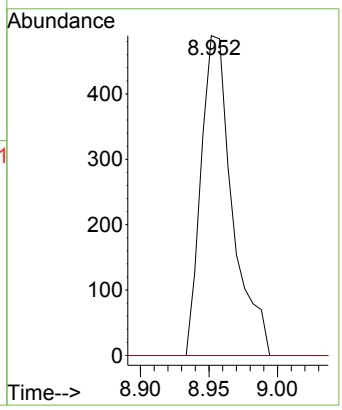


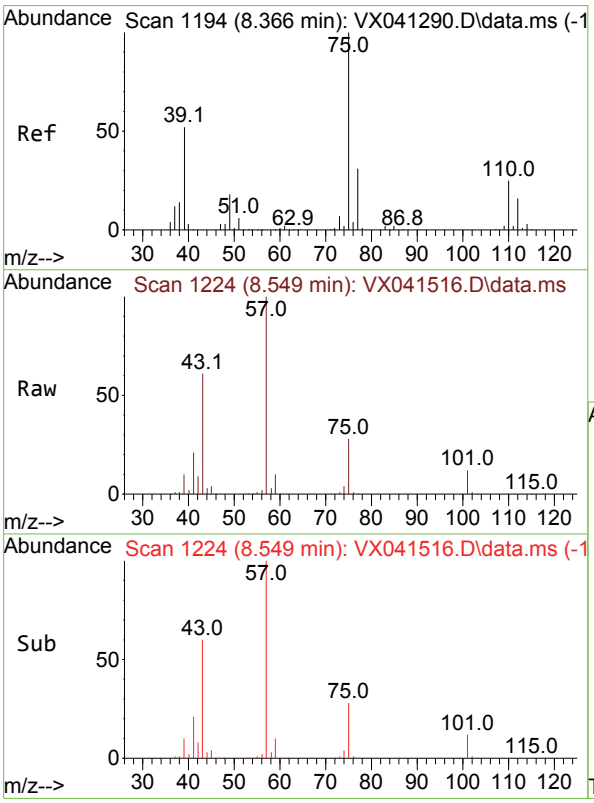
#53
t-1,3-Dichloropropene
Concen: 2.789 ug/l
RT: 8.952 min Scan# 1
Delta R.T. -0.024 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 75 Resp: 780

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#

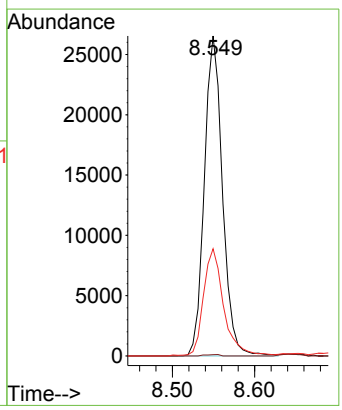


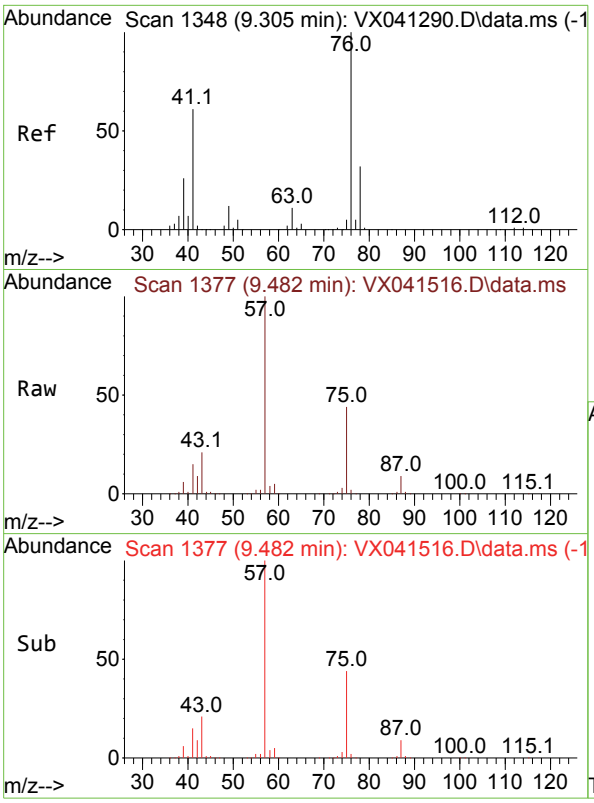


#54
cis-1,3-Dichloropropene
Concen: 20.145 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 75 Resp: 40681

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.3	37.9#
39	33.3	46.7	70.1#



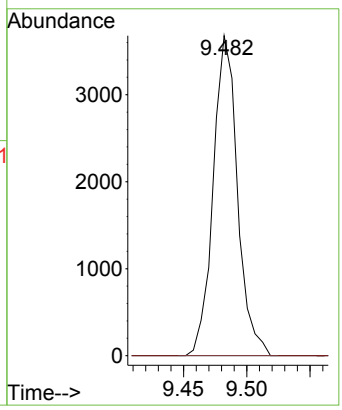


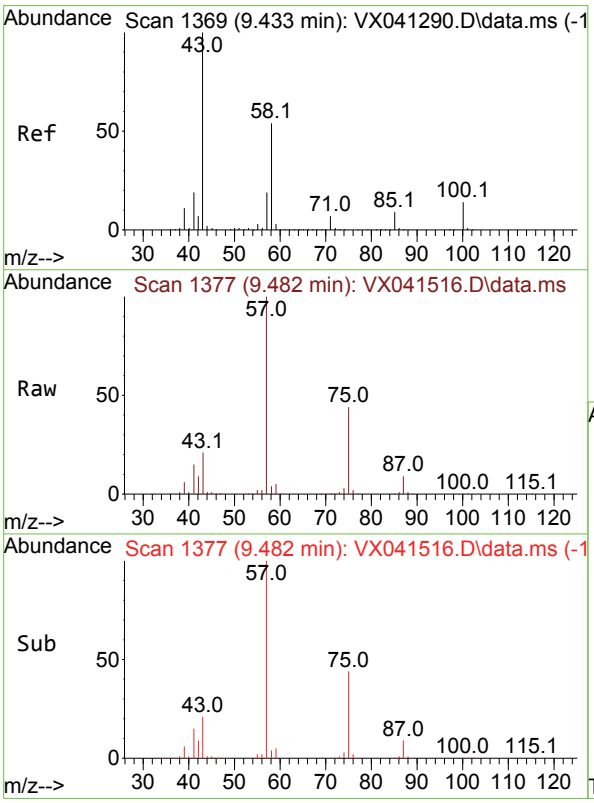
#57
1,3-Dichloropropane
Concen: 2.155 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.177 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 76 Resp: 4910

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#

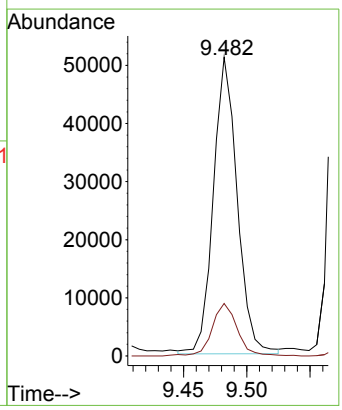


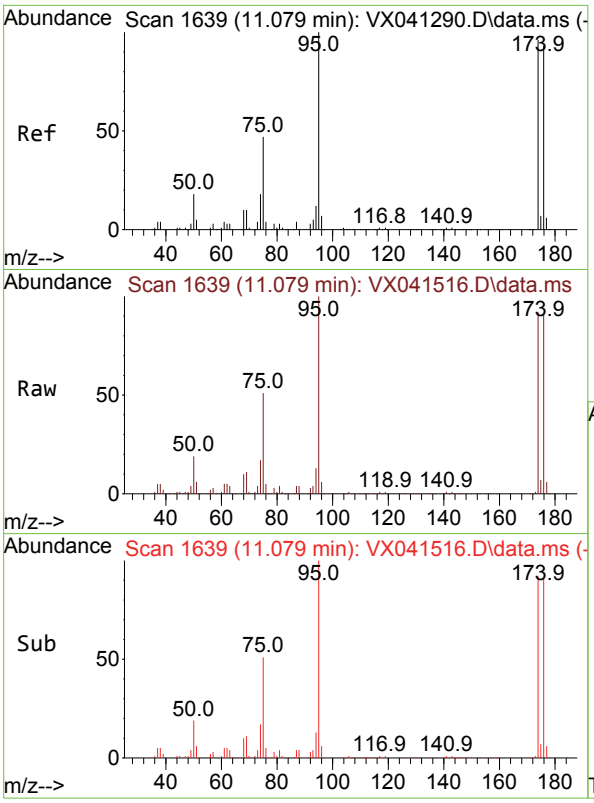


#59
2-Hexanone
Concen: 39.536 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 43 Resp: 66904

Ion	Ratio	Lower	Upper
43	100		
58	18.8	26.2	78.5#



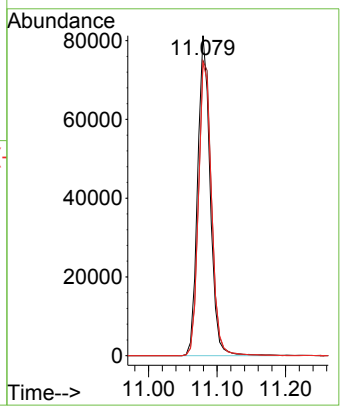


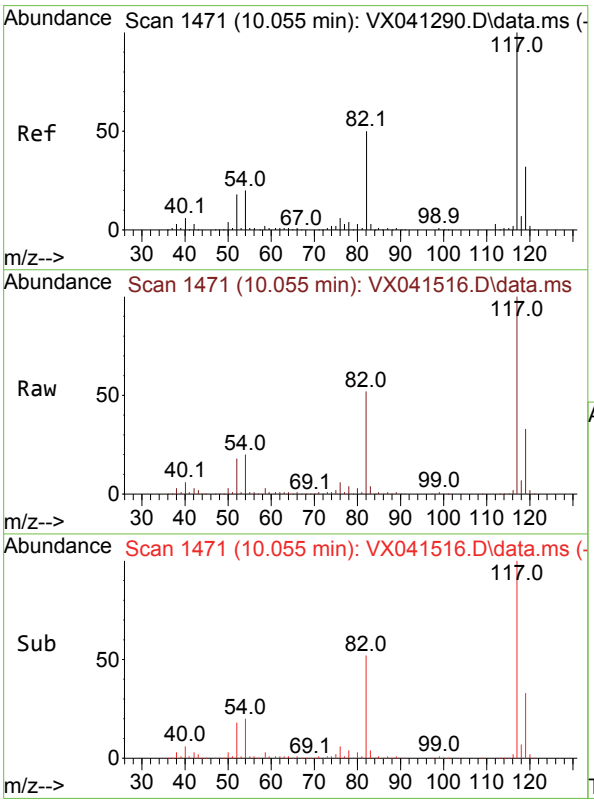
#62
4-Bromofluorobenzene
Concen: 53.588 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 95 Resp: 103225

Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	135.6
176	95.6	0.0	131.0

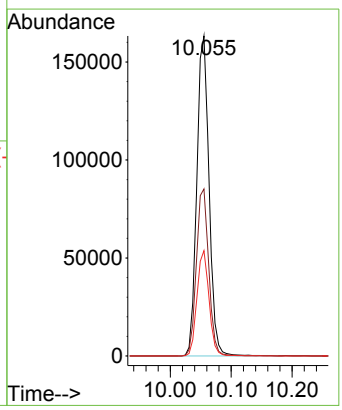


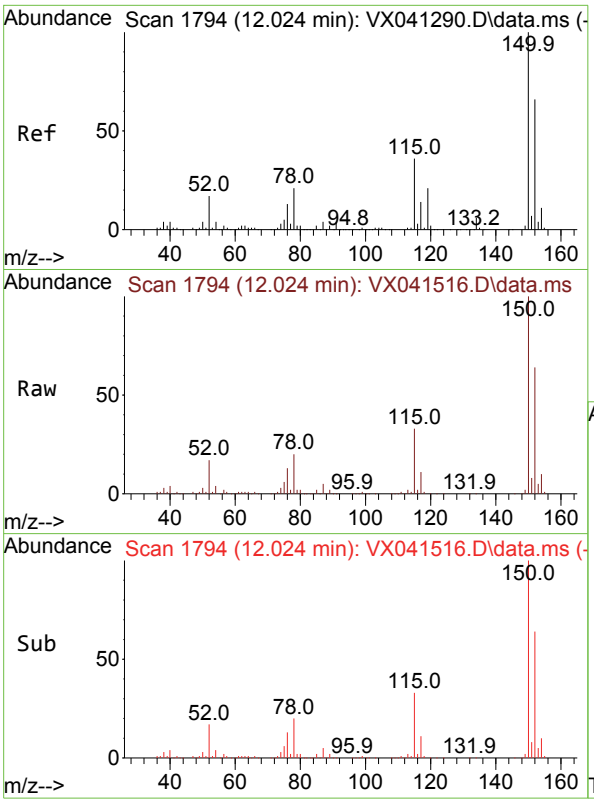


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion:117 Resp: 228261

Ion	Ratio	Lower	Upper
117	100		
82	52.2	46.2	69.4
119	32.9	25.5	38.3



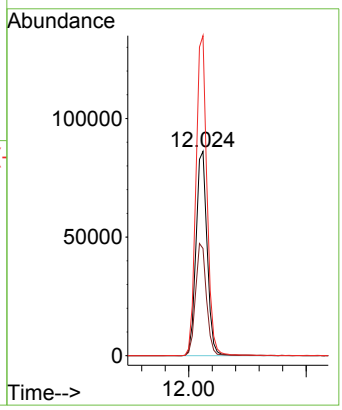


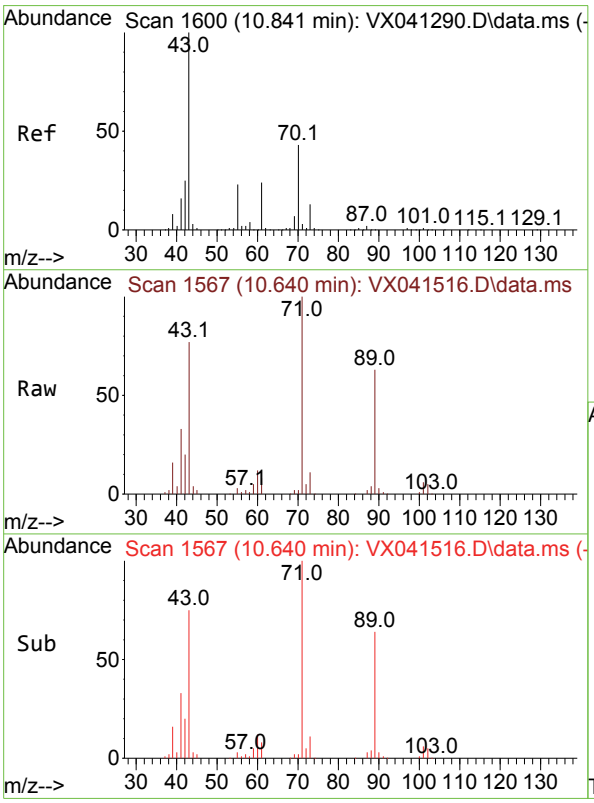
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion:152 Resp: 113604

Ion	Ratio	Lower	Upper
152	100		
115	53.8	43.3	129.9
150	155.4	0.0	345.0

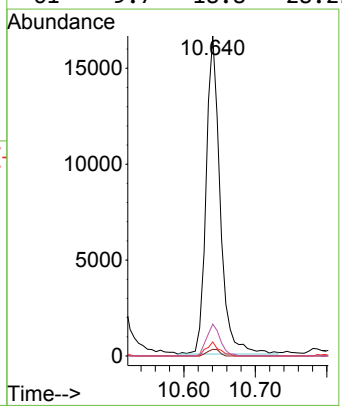


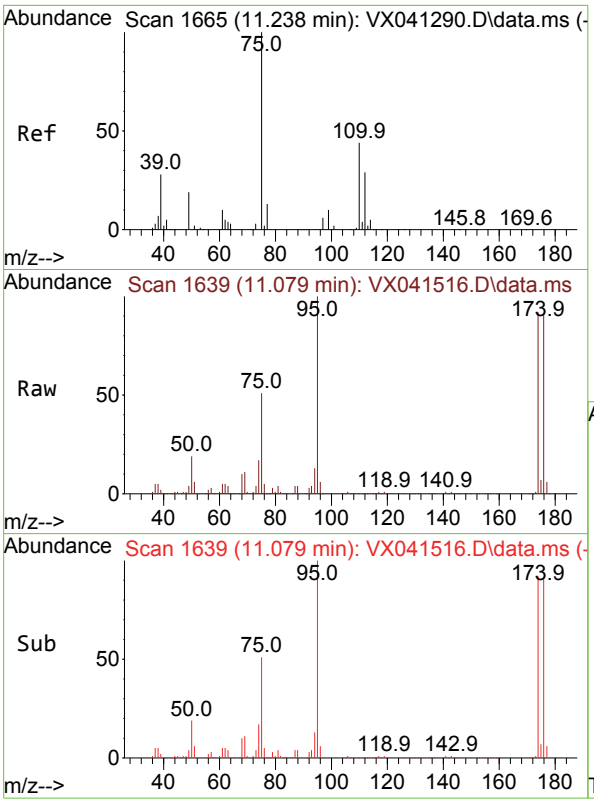


#74
N-amyl acetate
Concen: 7.486 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 43 Resp: 22680

Ion	Ratio	Lower	Upper
43	100		
70	1.8	32.9	49.3#
55	3.9	19.3	28.9#
61	9.7	18.8	28.2#



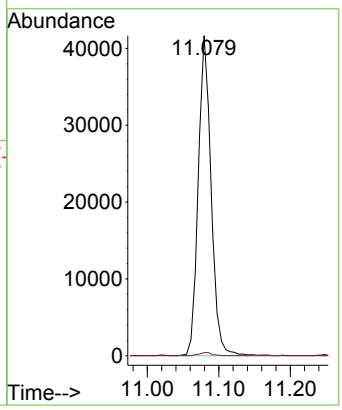


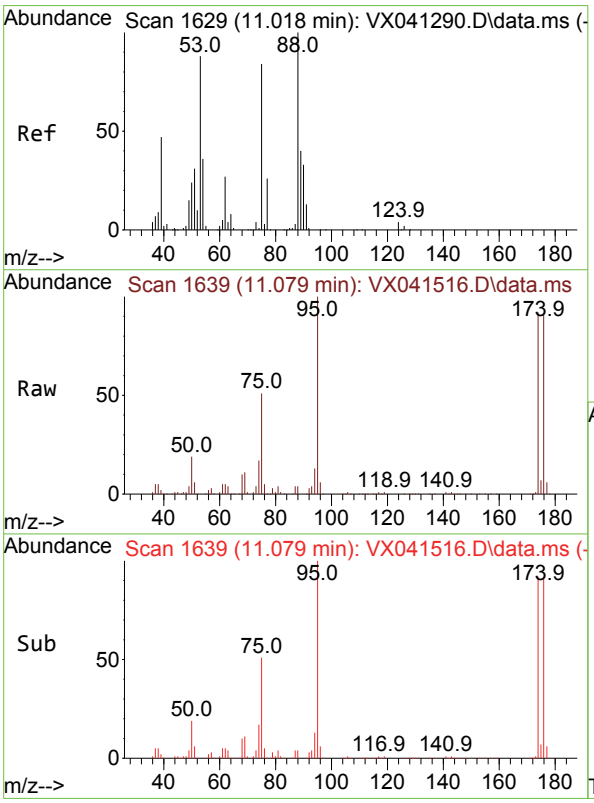
#76
1,2,3-Trichloropropane
Concen: 28.065 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Instrument :
MSVOA_X
ClientSampleId :
WC-MH-II

Tgt Ion: 75 Resp: 51959

Ion	Ratio	Lower	Upper
75	100		
77	1.0	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 76.445 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041516.D
Acq: 14 May 2024 13:39

Tgt Ion: 75 Resp: 51959

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