Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
Data File : VX038338.D
Acq On : 17 Oct 2023 18:37
Operator : JC/MD
Sample : 04908-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 18 04:04:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	122532	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	226544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89782	45.555	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.100%		
35) Dibromofluoromethane	5.385	113	70543	43.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.420%		
50) Toluene-d8	8.647	98	291287	46.697	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.400%		
62) 4-Bromofluorobenzene	11.079	95	114000	48.207	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.420%		
Target Compounds						Qvalue
5) Bromomethane	1.544	94	20	Below Cal	#	3
6) Chloroethane	1.679	64	132	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	967	Below Cal	#	78
16) Acetone	2.380	43	19463	23.662	ug/l	90
18) Methyl Acetate	2.703	43	1271	0.360	ug/l	91
20) Methylene Chloride	2.788	84	11868	7.671	ug/l	93
25) 2-Butanone	4.568	43	3053	2.300	ug/l #	90
29) Tetrahydrofuran	5.032	42	424	0.491	ug/l #	75
31) Cyclohexane	5.562	56	2865	1.342	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	9909	4.402	ug/l #	50
37) Ethyl Acetate	4.721	43	1278	0.478	ug/l #	64
38) Carbon Tetrachloride	5.550	117	12874	5.814	ug/l #	15
43) Isopropyl Acetate	6.336	43	97841	24.516	ug/l	97
48) Methyl methacrylate	7.799	41	103201	54.167	ug/l #	50
49) 1,4-Dioxane	7.787	88	19	0.405	ug/l #	12
51) 4-Methyl-2-Pentanone	8.549	43	77062	27.994	ug/l #	48
53) t-1,3-Dichloropropene	8.952	75	708	0.293	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	36845	14.531	ug/l #	61
57) 1,3-Dichloropropane	9.482	76	5414	1.908	ug/l #	42
59) 2-Hexanone	9.482	43	66649	30.116	ug/l #	55
74) N-amyl acetate	10.817	43	818	0.231	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	61288	21.774	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	61288	62.484	ug/l #	5

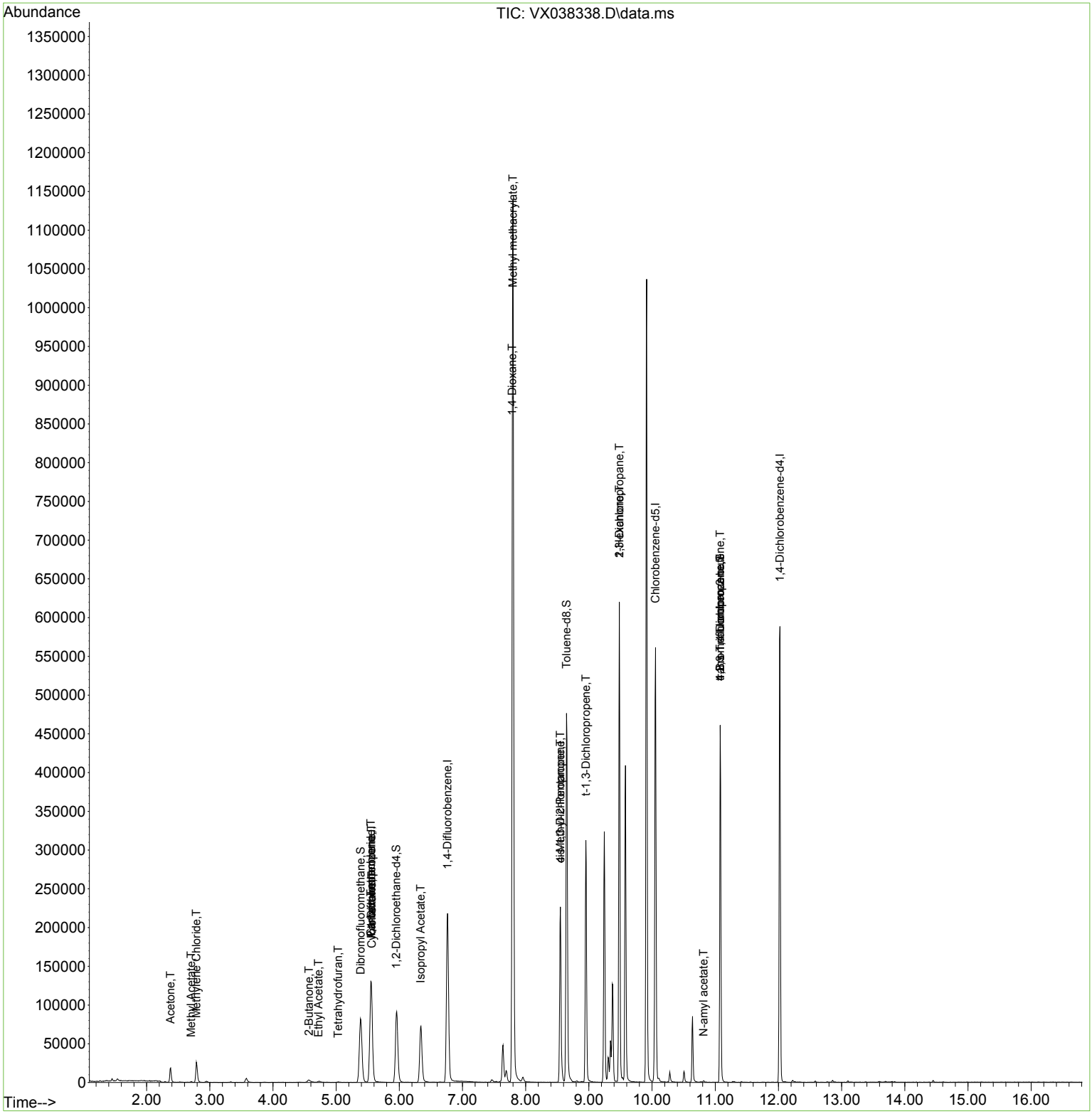
(#) = qualifier out of range (m) = manual integration (+) = signals summed

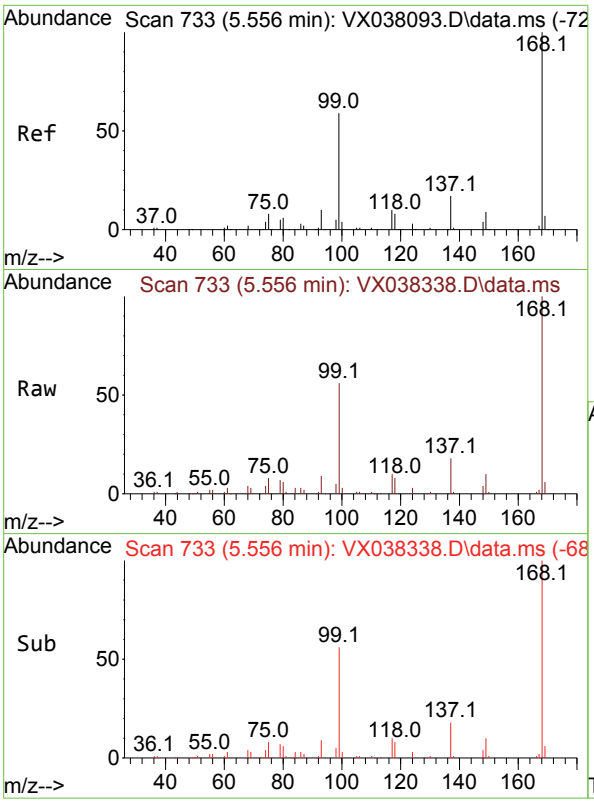
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101723\
Data File : VX038338.D
Acq On : 17 Oct 2023 18:37
Operator : JC/MD
Sample : 04908-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 18 04:04:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



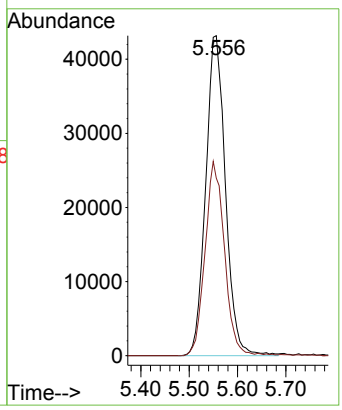


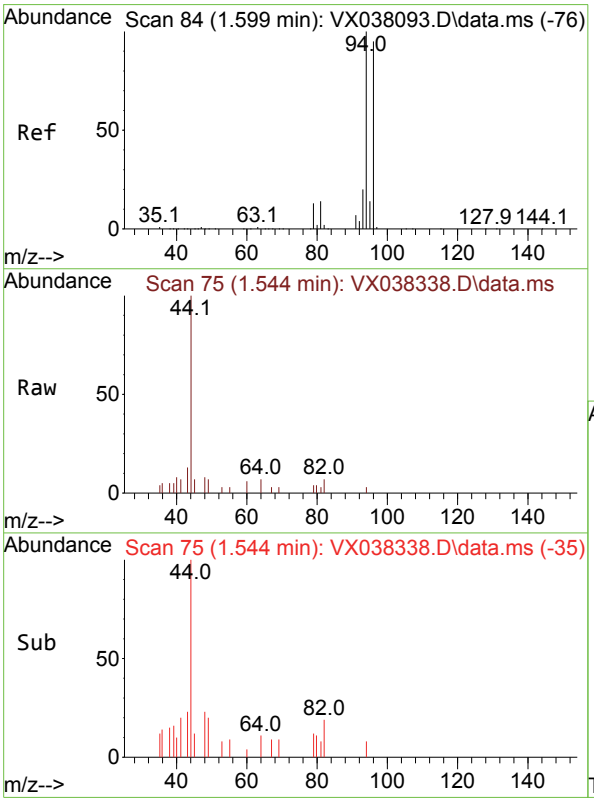
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 122532

Ion	Ratio	Lower	Upper
168	100		
99	55.5	56.6	85.0#

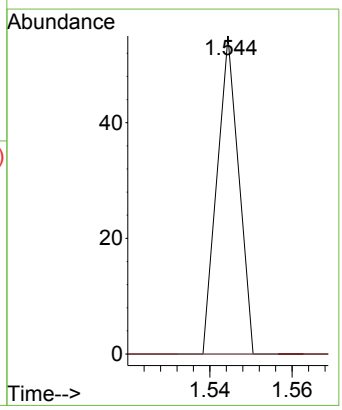


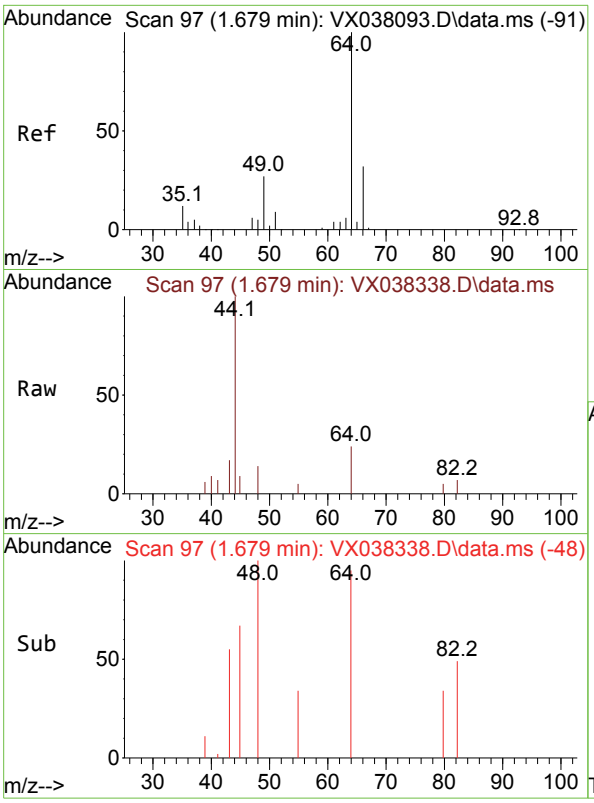


#5
Bromomethane
Concen: Below Cal
RT: 1.544 min Scan# 75
Delta R.T. -0.055 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion: 94 Resp: 20

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.6	111.8#



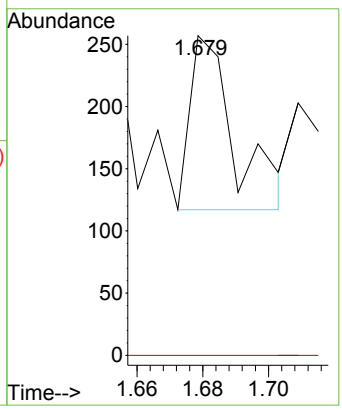


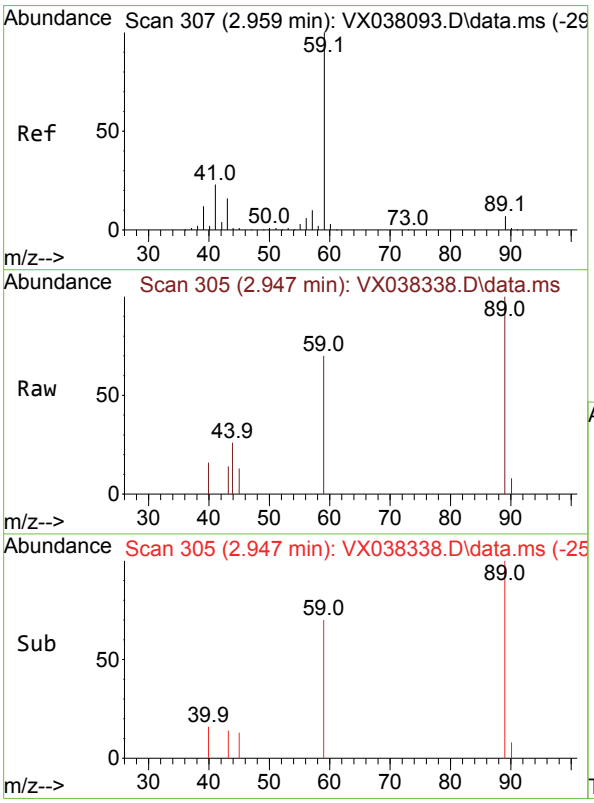
#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 132

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.1	37.7#

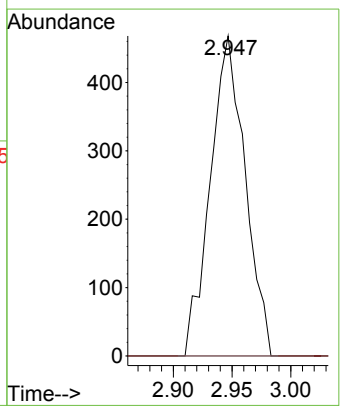


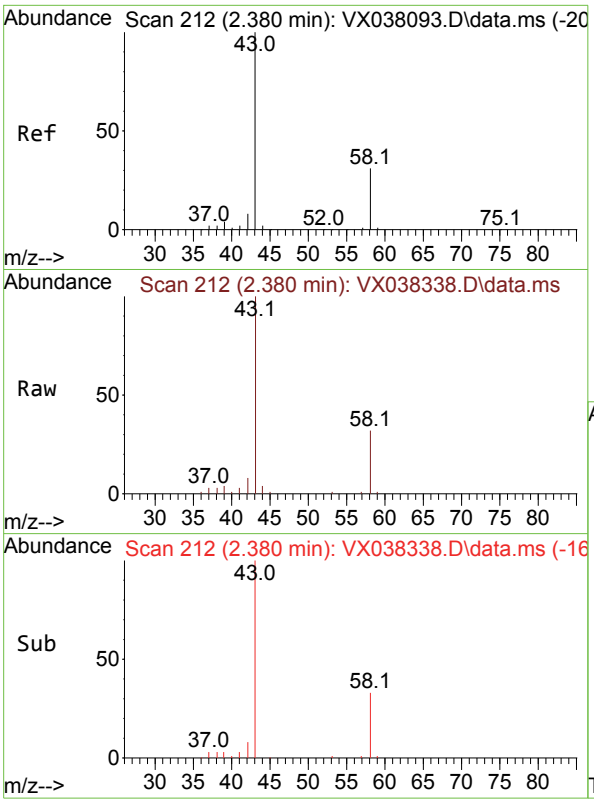


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion: 59 Resp: 967

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.0	9.0#



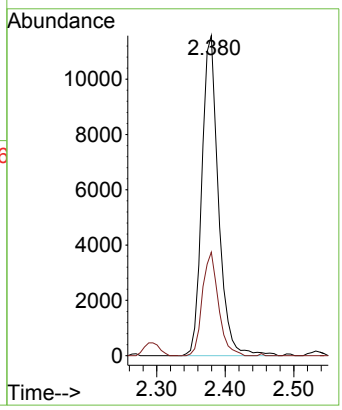


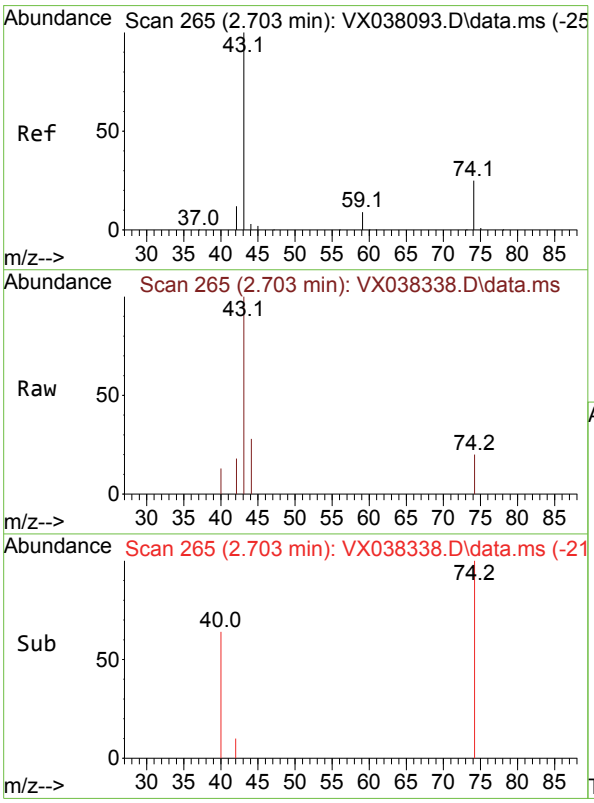
#16
Acetone
Concen: 23.662 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 19463

Ion	Ratio	Lower	Upper
43	100		
58	32.4	21.9	32.9

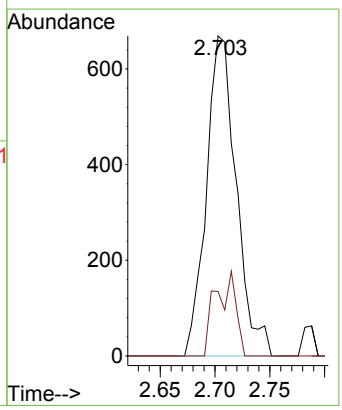


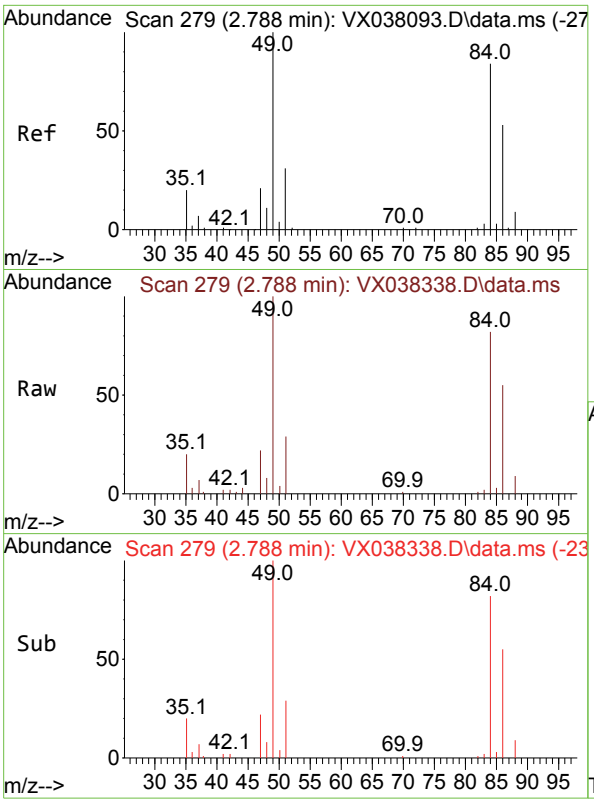


#18
Methyl Acetate
Concen: 0.360 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion: 43 Resp: 1271

Ion	Ratio	Lower	Upper
43	100		
74	17.9	17.8	26.8



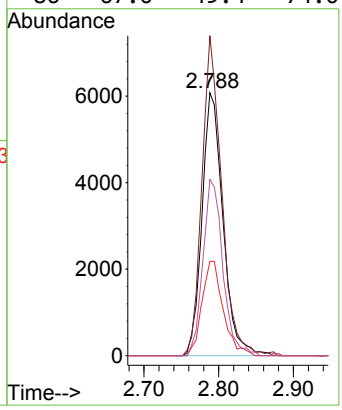


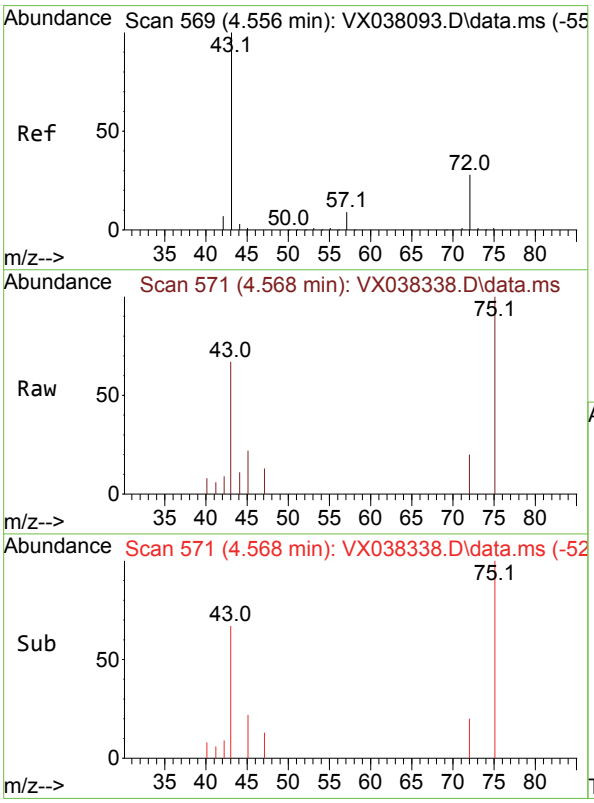
#20
Methylene Chloride
Concen: 7.671 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 84 Resp: 11868

Ion	Ratio	Lower	Upper
84	100		
49	121.8	103.6	155.4
51	35.9	33.8	50.6
86	67.0	49.4	74.0

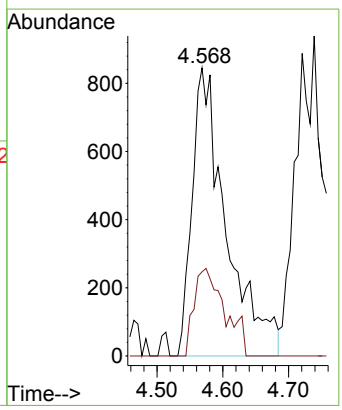


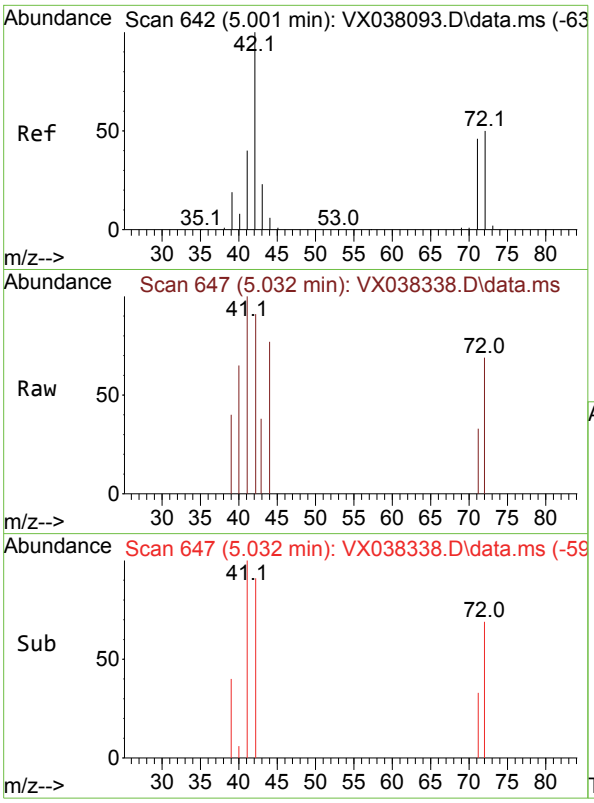


#25
2-Butanone
Concen: 2.300 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion: 43 Resp: 3053

Ion	Ratio	Lower	Upper
43	100		
72	29.2	19.4	29.2#



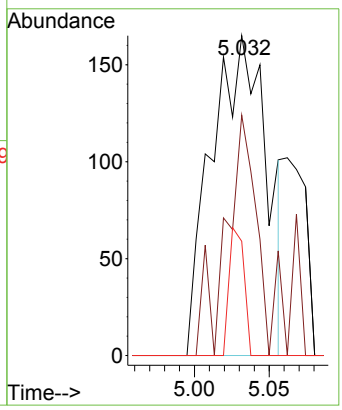


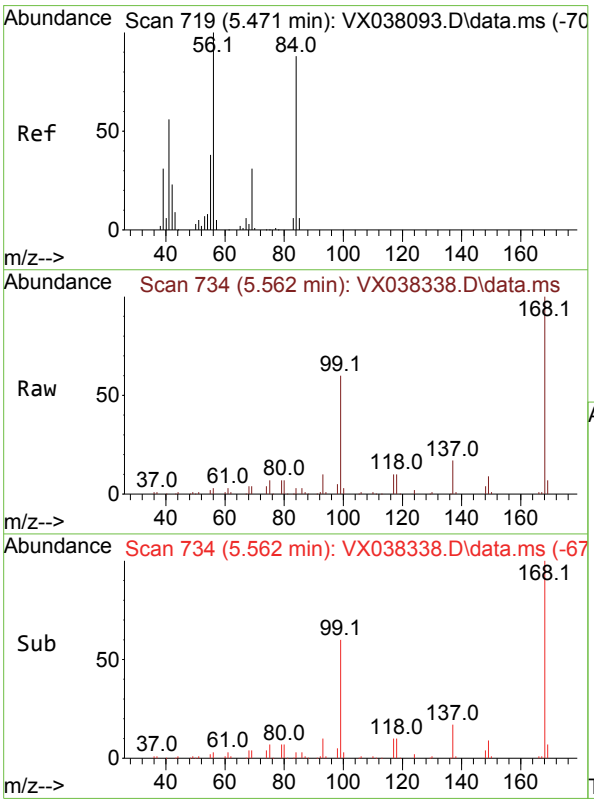
#29
Tetrahydrofuran
Concen: 0.491 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.031 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 424

Ion	Ratio	Lower	Upper
42	100		
72	40.8	34.2	51.4
71	10.8	32.2	48.2#

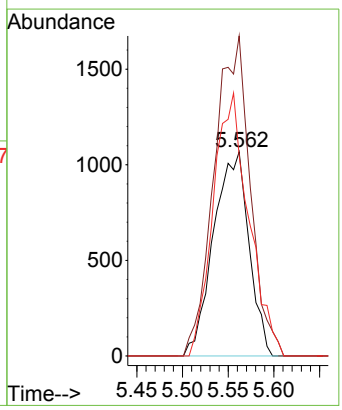


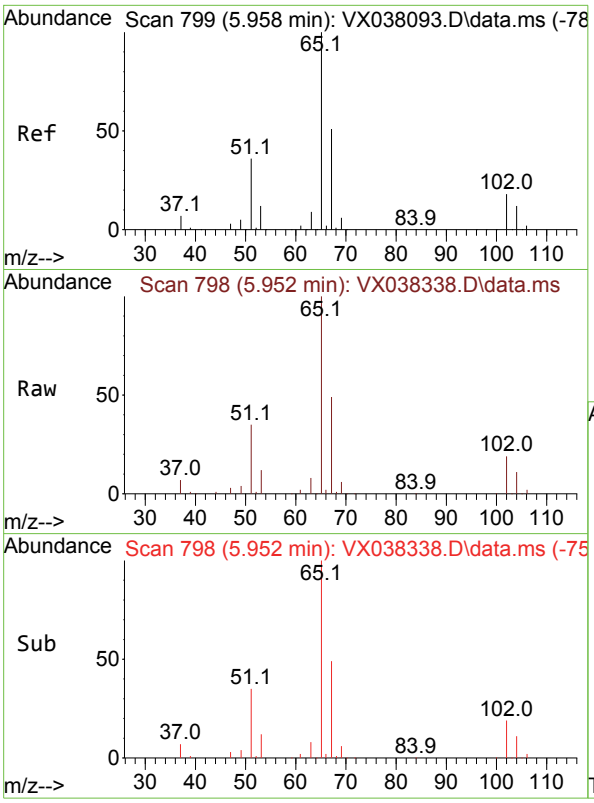


#31
Cyclohexane
Concen: 1.342 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion: 56 Resp: 2865

Ion	Ratio	Lower	Upper
56	100		
69	156.7	23.4	35.2#
84	98.1	65.9	98.9



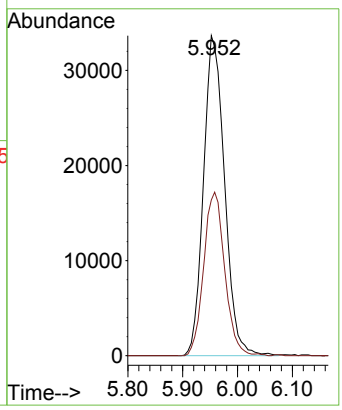


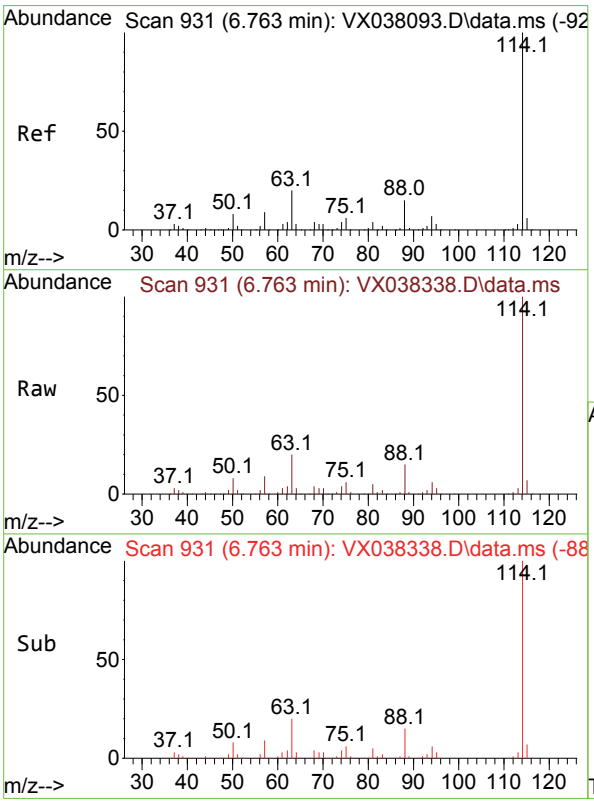
#33
1,2-Dichloroethane-d4
Concen: 45.555 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 89782

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	100.2

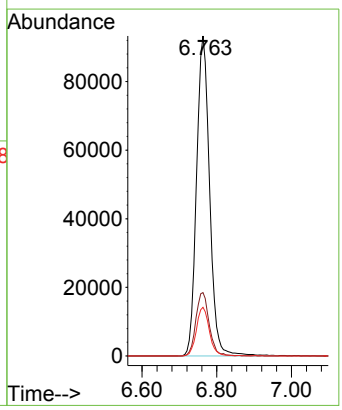


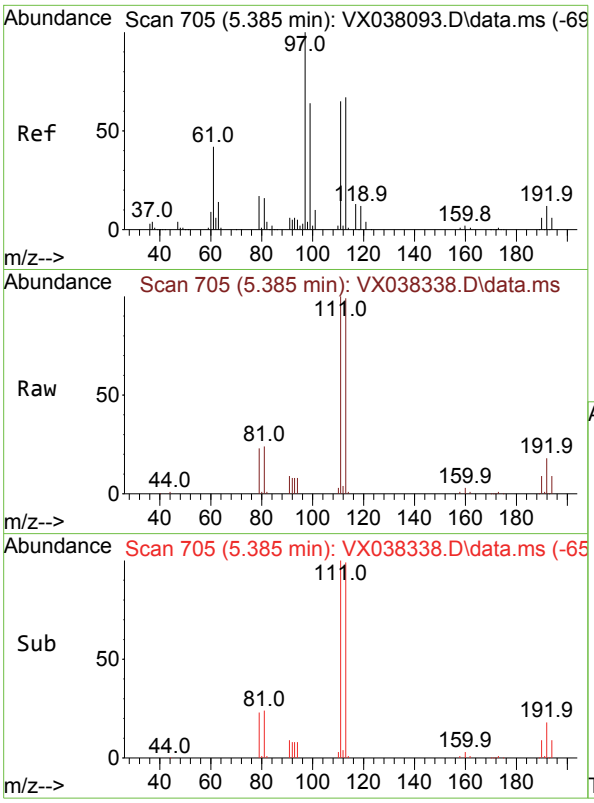


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion:114 Resp: 226544

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	45.0
88	15.2	0.0	36.6



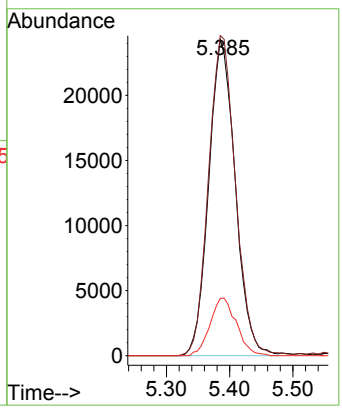


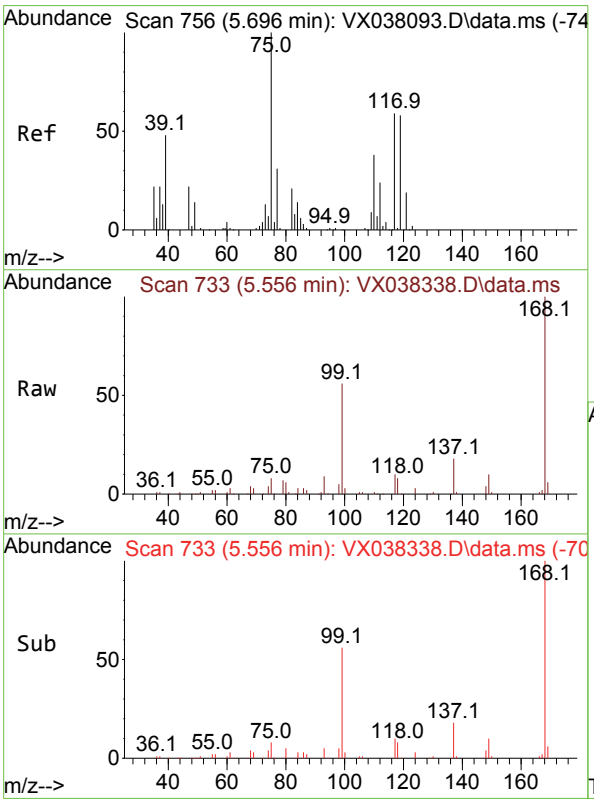
#35
Dibromofluoromethane
Concen: 43.215 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 70543

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	18.2	13.3	19.9

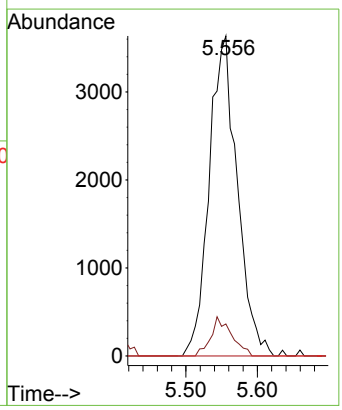


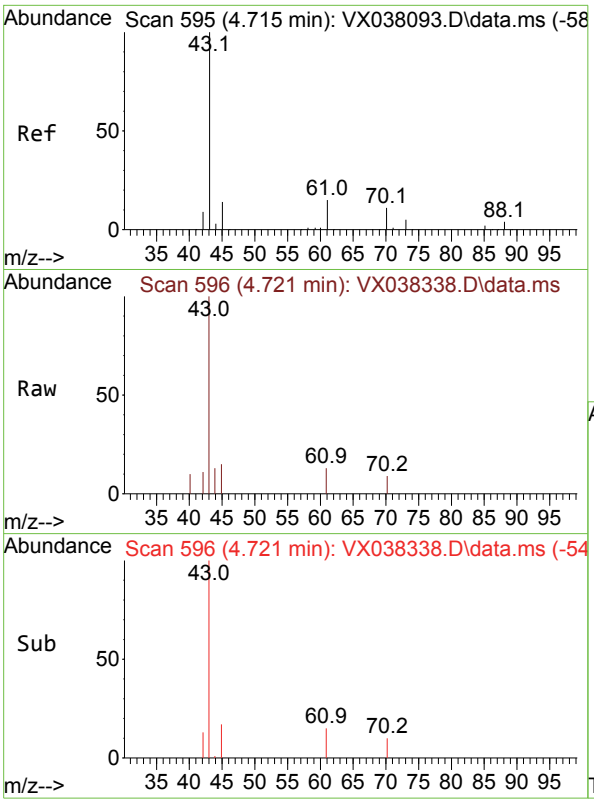


#36
1,1-Dichloropropene
Concen: 4.402 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion: 75 Resp: 9909

Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.0	50.9#
77	0.0	24.7	37.1#



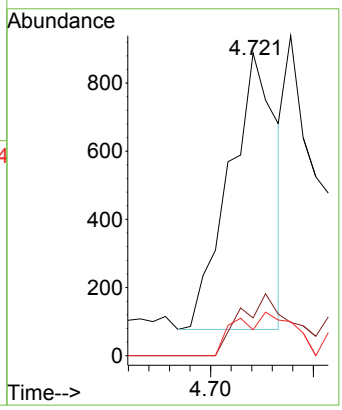


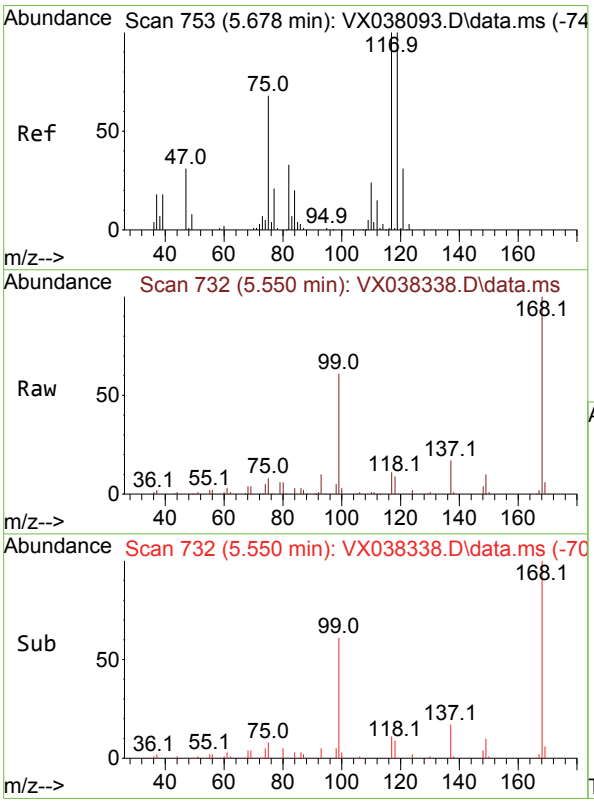
#37
Ethyl Acetate
Concen: 0.478 ug/l
RT: 4.721 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 1278

Ion	Ratio	Lower	Upper
43	100		
61	29.7	10.6	16.0#
70	21.3	8.3	12.5#

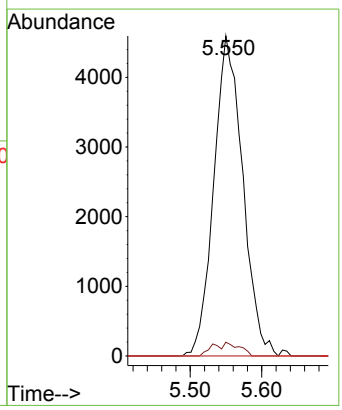


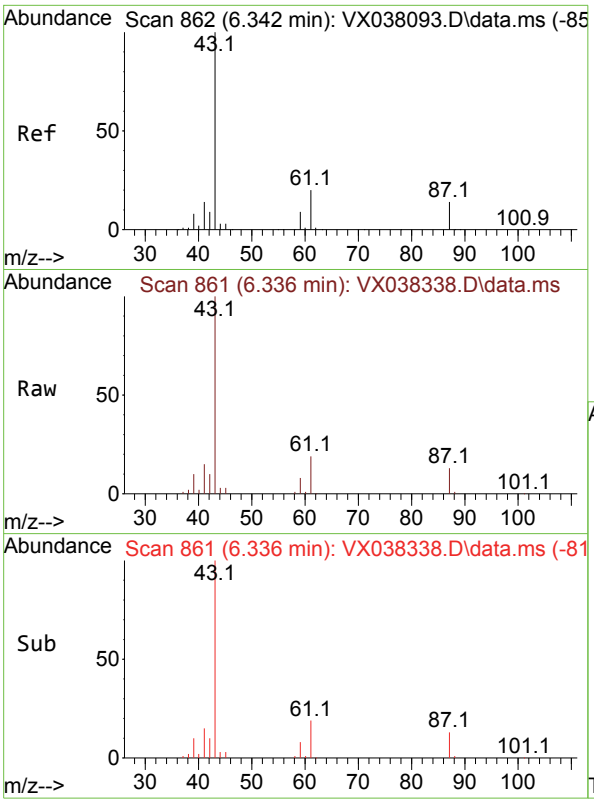


#38
Carbon Tetrachloride
Concen: 5.814 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion:117 Resp: 12874

Ion	Ratio	Lower	Upper
117	100		
119	4.3	78.2	117.2#
121	0.0	24.4	36.6#



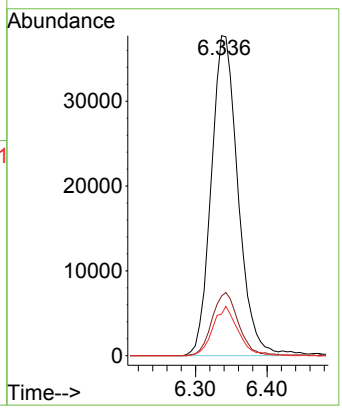


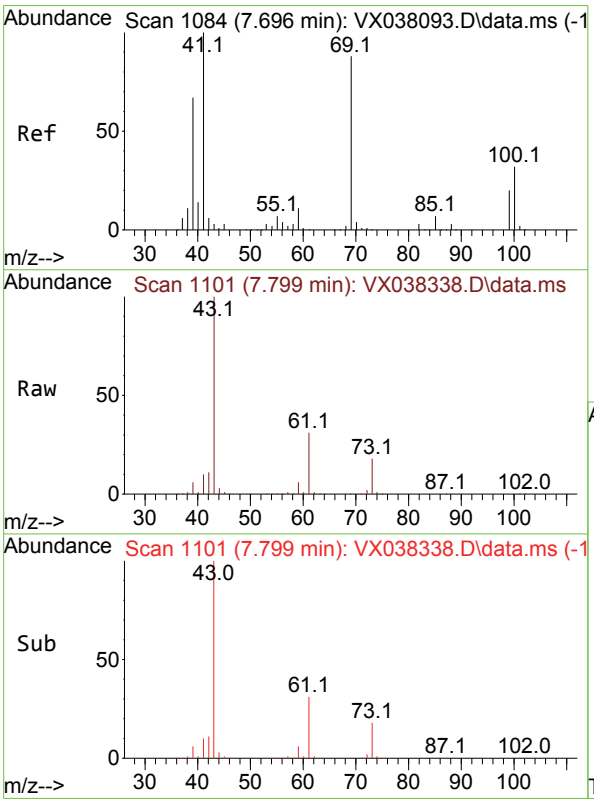
#43
Isopropyl Acetate
Concen: 24.516 ug/l
RT: 6.336 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 97841

Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.2	22.8
87	14.5	9.8	14.6

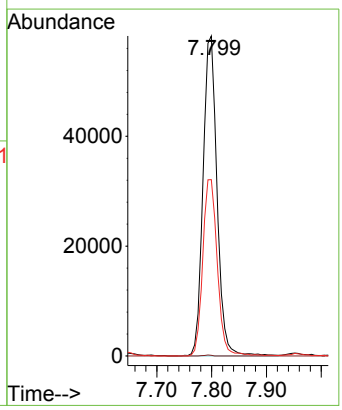


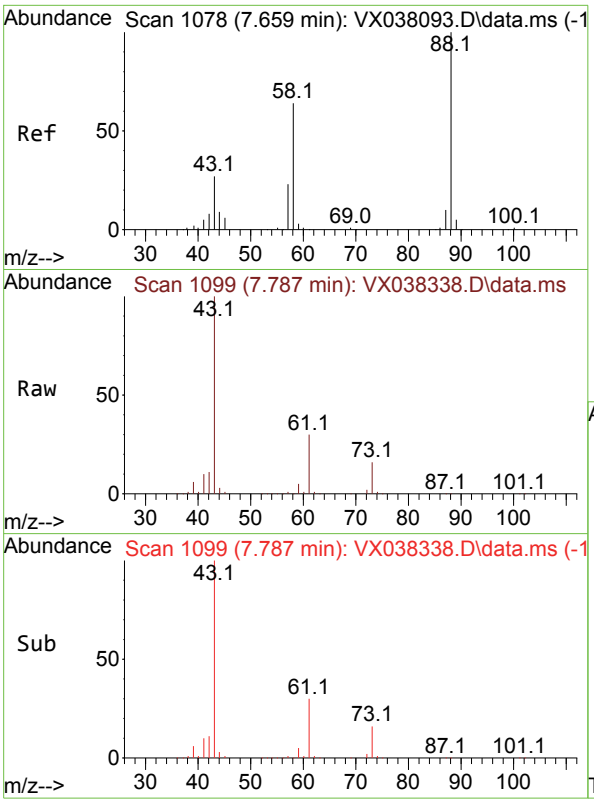


#48
Methyl methacrylate
Concen: 54.167 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.109 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion: 41 Resp: 103201

Ion	Ratio	Lower	Upper
41	100		
69	0.1	59.2	88.8#
39	57.3	47.7	71.5



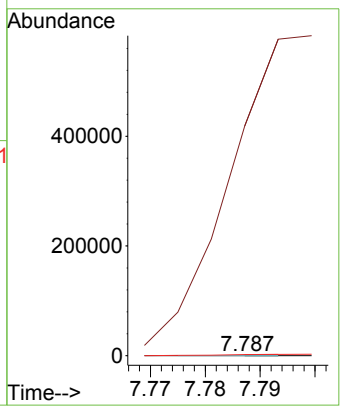


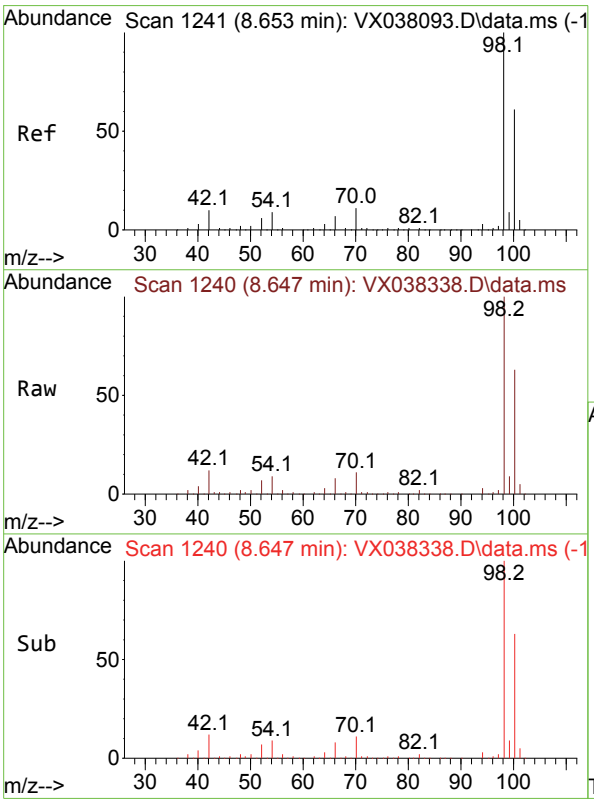
#49
1,4-Dioxane
Concen: 0.405 ug/l
RT: 7.787 min Scan# 1
Delta R.T. 0.128 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 88 Resp: 19

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

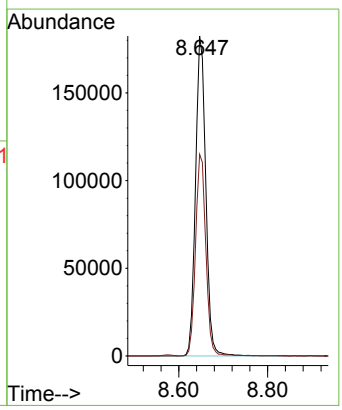


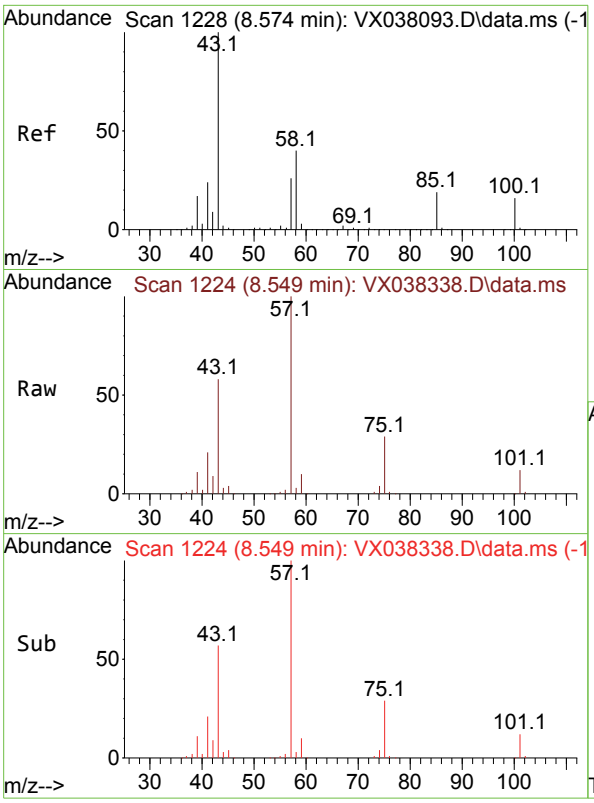


#50
Toluene-d8
Concen: 46.697 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion: 98 Resp: 291287

Ion	Ratio	Lower	Upper
98	100		
100	63.5	53.1	79.7



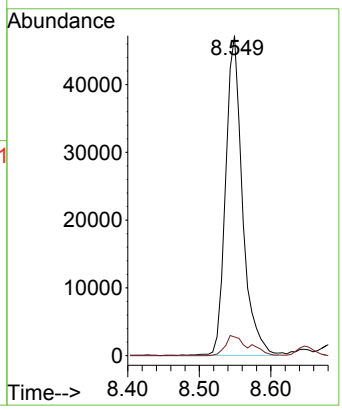


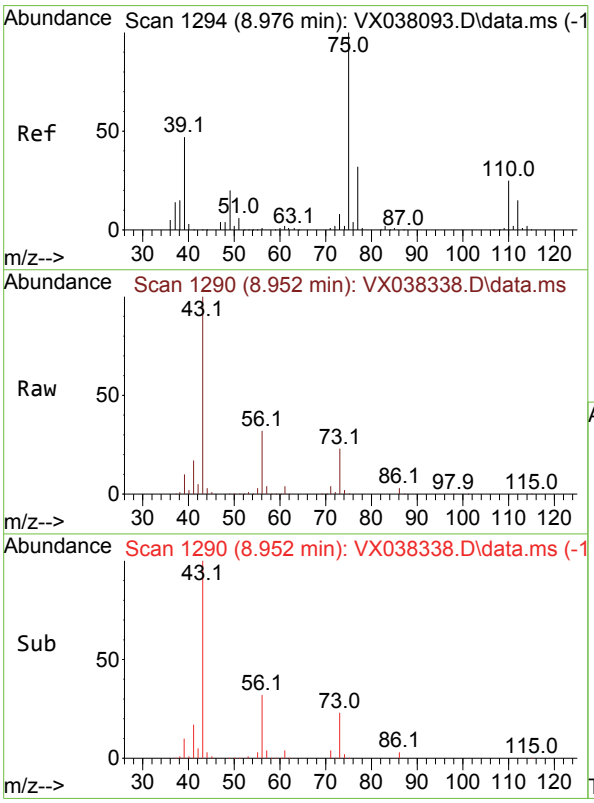
#51
4-Methyl-2-Pentanone
Concen: 27.994 ug/l
RT: 8.549 min Scan# 1
Delta R.T. -0.025 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 77062

Ion	Ratio	Lower	Upper
43	100		
58	6.5	30.4	45.6#

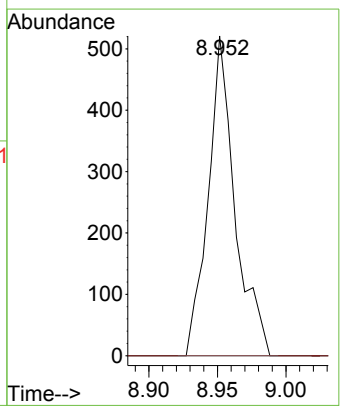


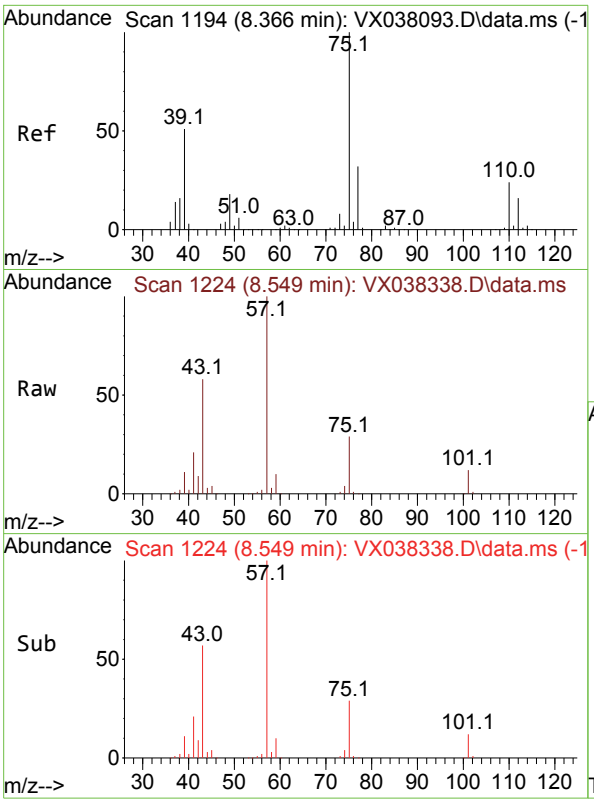


#53
t-1,3-Dichloropropene
Concen: 0.293 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion: 75 Resp: 708

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#



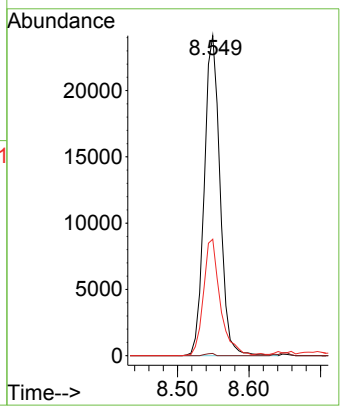


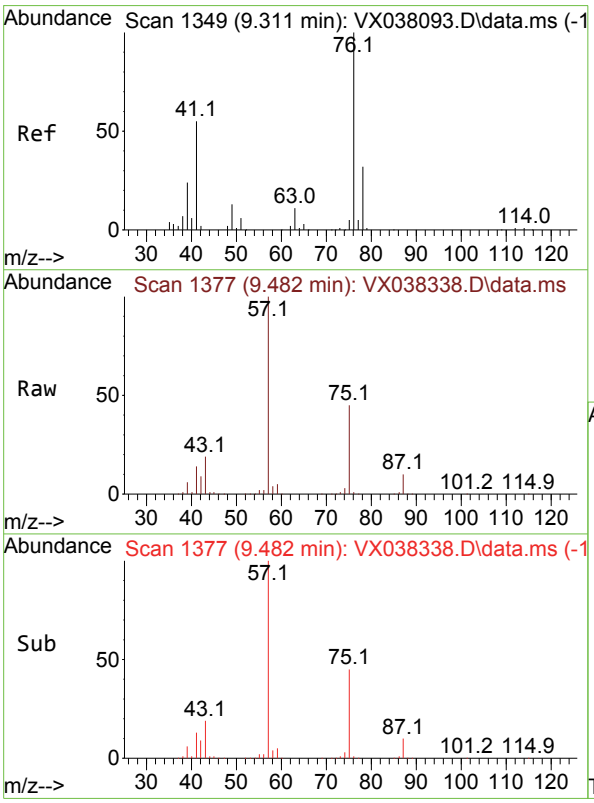
#54
cis-1,3-Dichloropropene
Concen: 14.531 ug/l
RT: 8.549 min Scan# 1
Delta R.T. 0.183 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 36845

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.3	37.9#
39	36.4	46.7	70.1#

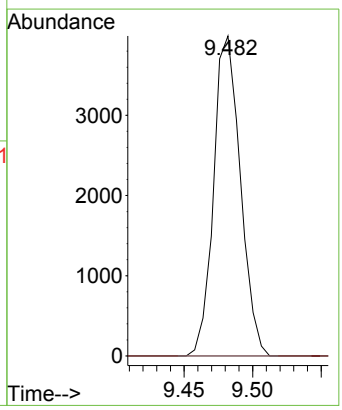


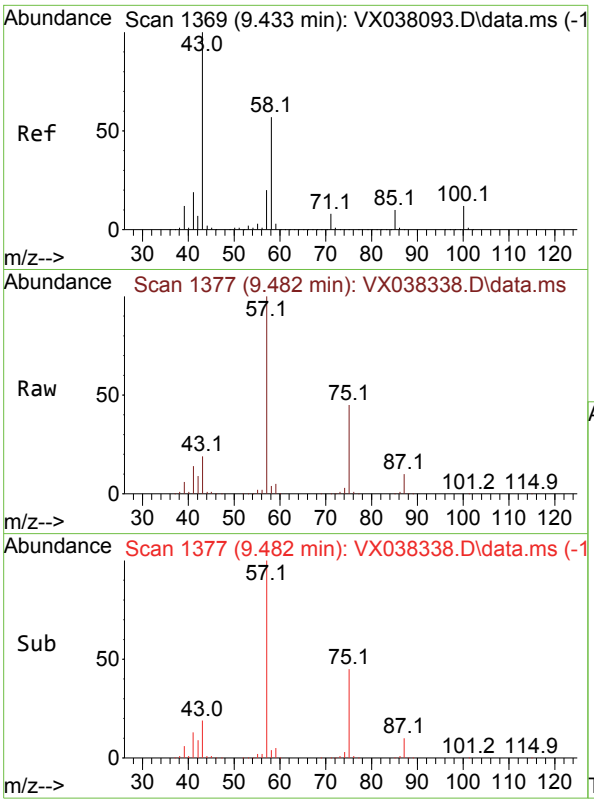


#57
1,3-Dichloropropane
Concen: 1.908 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion: 76 Resp: 5414

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#



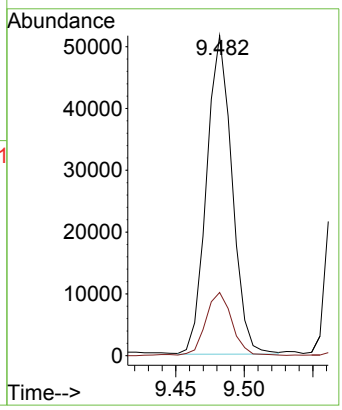


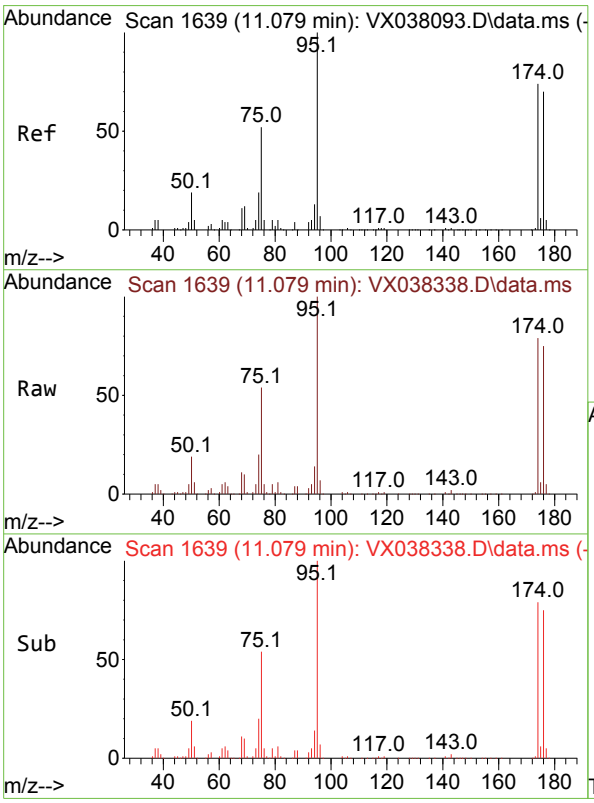
#59
2-Hexanone
Concen: 30.116 ug/l
RT: 9.482 min Scan# 1
Delta R.T. 0.049 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 66649

Ion	Ratio	Lower	Upper
43	100		
58	20.9	26.2	78.5#

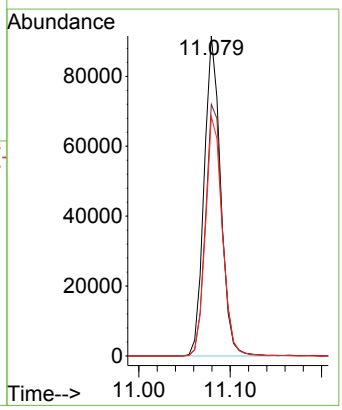


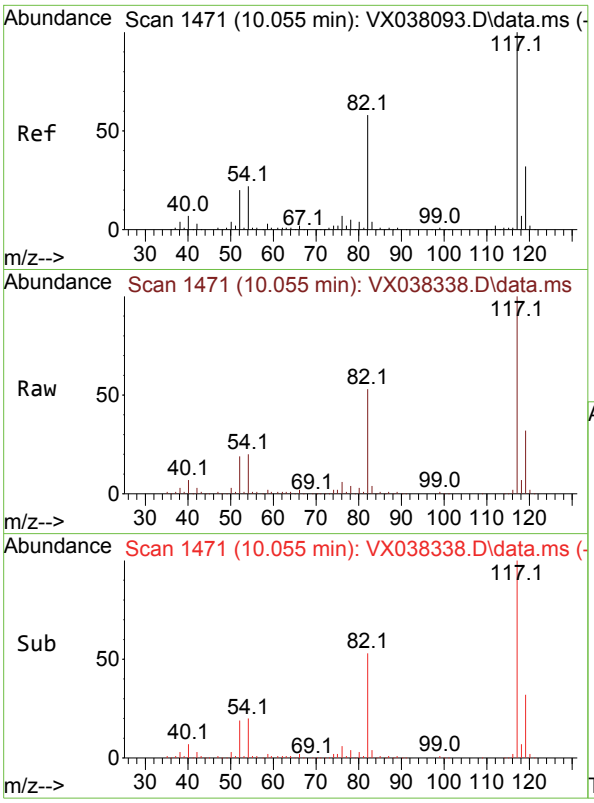


#62
4-Bromofluorobenzene
Concen: 48.207 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion: 95 Resp: 114000

Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	135.6
176	76.6	0.0	131.0



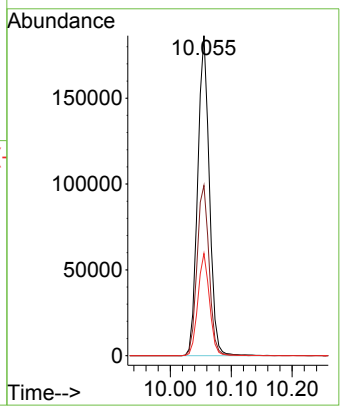


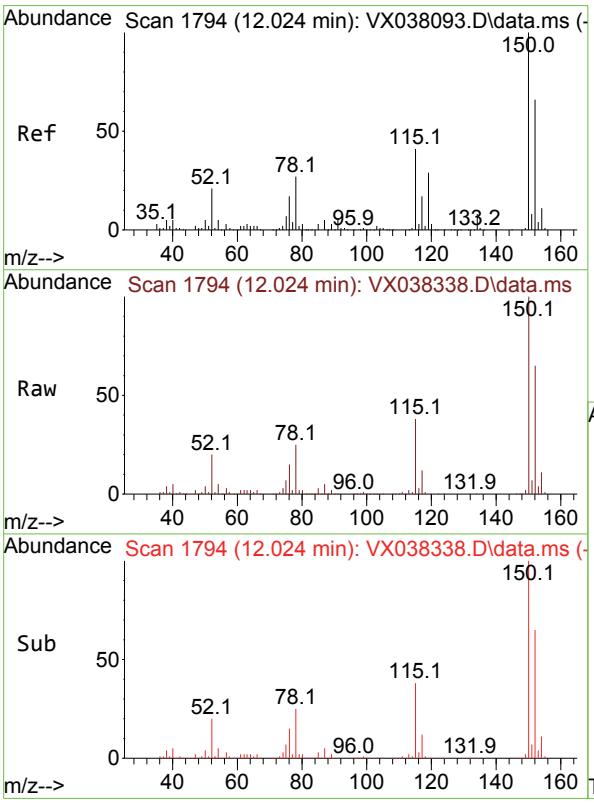
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 248363

Ion	Ratio	Lower	Upper
117	100		
82	53.2	46.2	69.4
119	31.9	25.5	38.3

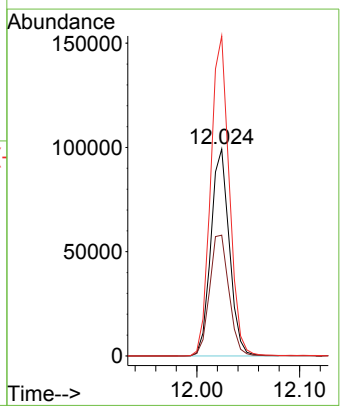


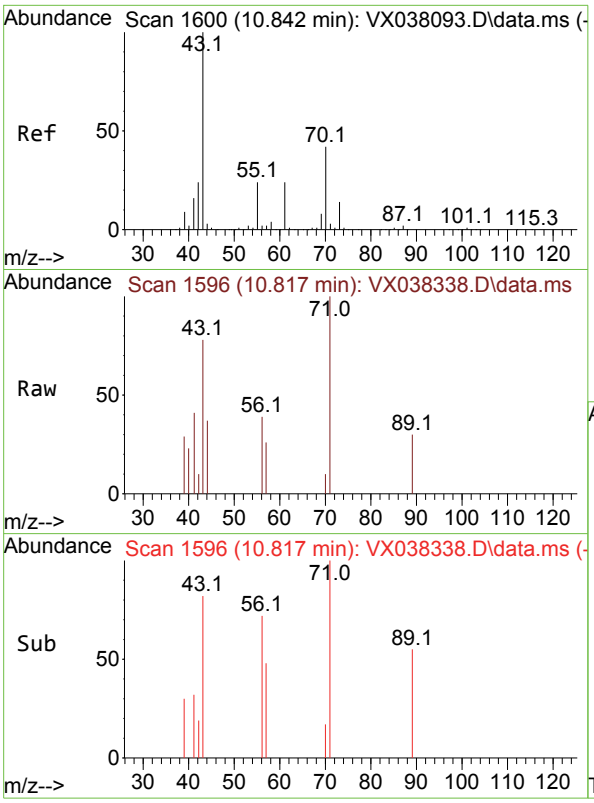


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion:152 Resp: 123812

Ion	Ratio	Lower	Upper
152	100		
115	61.3	43.3	129.9
150	155.6	0.0	345.0



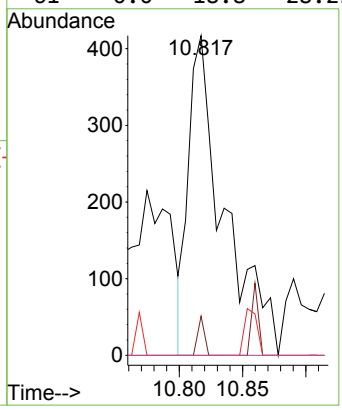


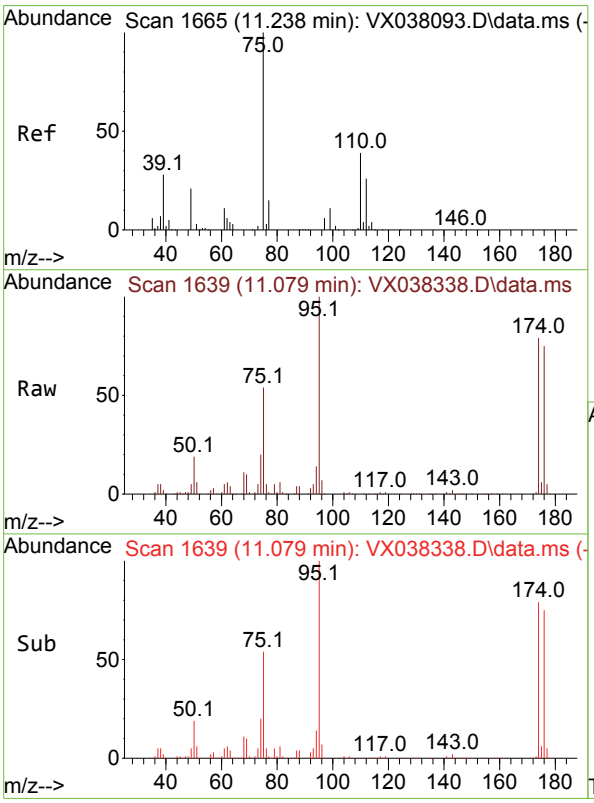
#74
N-amyl acetate
Concen: 0.231 ug/l
RT: 10.817 min Scan# 1
Delta R.T. -0.025 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 818

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

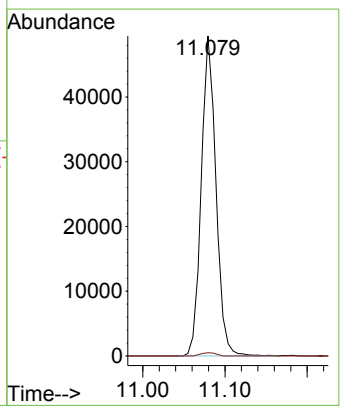


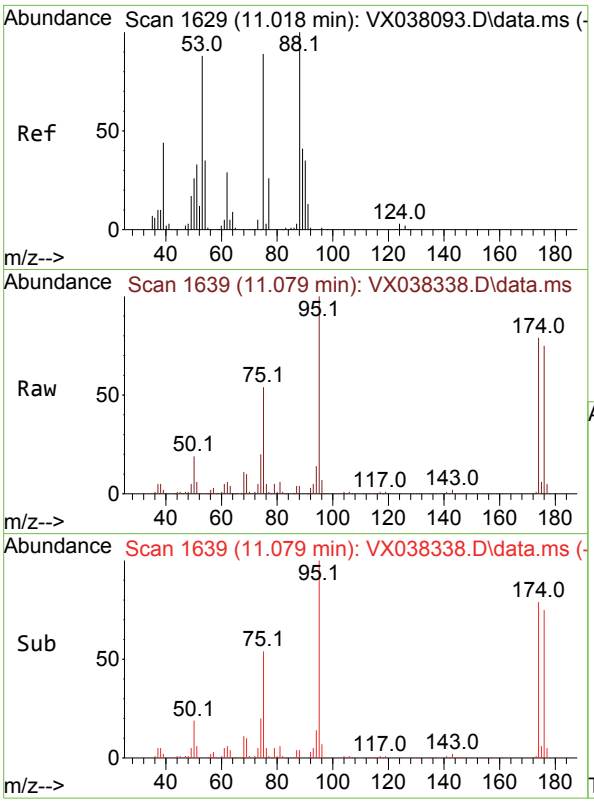


#76
1,2,3-Trichloropropane
Concen: 21.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Tgt Ion: 75 Resp: 61288

Ion	Ratio	Lower	Upper
75	100		
77	1.0	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.484 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038338.D
Acq: 17 Oct 2023 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 61288

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