Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
Data File : VX036807.D
Acq On : 04 Aug 2023 13:55
Operator : JC/MD
Sample : ZHC#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Quant Time: Aug 05 00:10:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	142678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	259076	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99437	47.101	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.200%			
35) Dibromofluoromethane	5.391	113	83404	46.837	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.680%			
50) Toluene-d8	8.647	98	310431	49.158	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.320%			
62) 4-Bromofluorobenzene	11.079	95	114217	47.940	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.880%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.946	59	8189	16.385	ug/l #	83
13) Acrolein	2.239	56	150	0.526	ug/l	93
16) Acetone	2.379	43	43499	49.654	ug/l	92
18) Methyl Acetate	2.702	43	2652	0.720	ug/l	93
20) Methylene Chloride	2.788	84	7298	3.746	ug/l #	89
25) 2-Butanone	4.568	43	18833	13.250	ug/l	100
29) Tetrahydrofuran	5.025	42	772	0.842	ug/l #	73
31) Cyclohexane	5.543	56	3189	1.091	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11936	4.497	ug/l #	50
37) Ethyl Acetate	4.720	43	5999	1.997	ug/l	96
38) Carbon Tetrachloride	5.550	117	15299	5.422	ug/l #	16
43) Isopropyl Acetate	6.342	43	139799	27.034	ug/l	95
48) Methyl methacrylate	7.799	41	111731	46.459	ug/l #	49
49) 1,4-Dioxane	7.799	88	144	2.964	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	163133	57.005	ug/l #	37
53) t-1,3-Dichloropropene	8.957	75	963	0.288	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	52393	14.832	ug/l #	54
56) Ethyl methacrylate	9.244	69	867	0.262	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	6542	1.931	ug/l #	42
59) 2-Hexanone	9.378	43	124496	58.618	ug/l #	26
74) N-amyl acetate	10.817	43	1019	0.261	ug/l #	57
76) 1,2,3-Trichloropropane	11.079	75	58982	24.795	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58982	56.199	ug/l #	5

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

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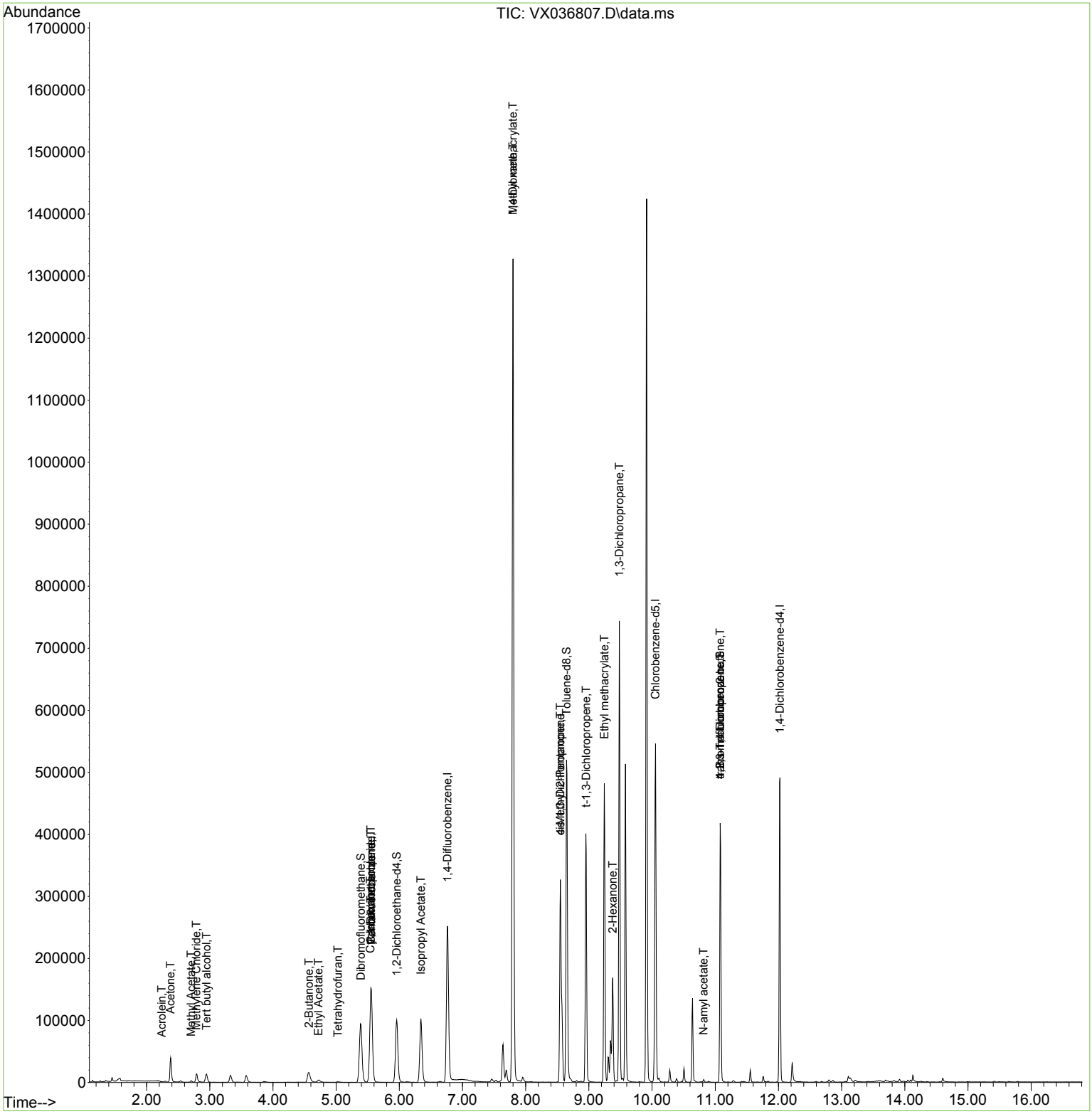
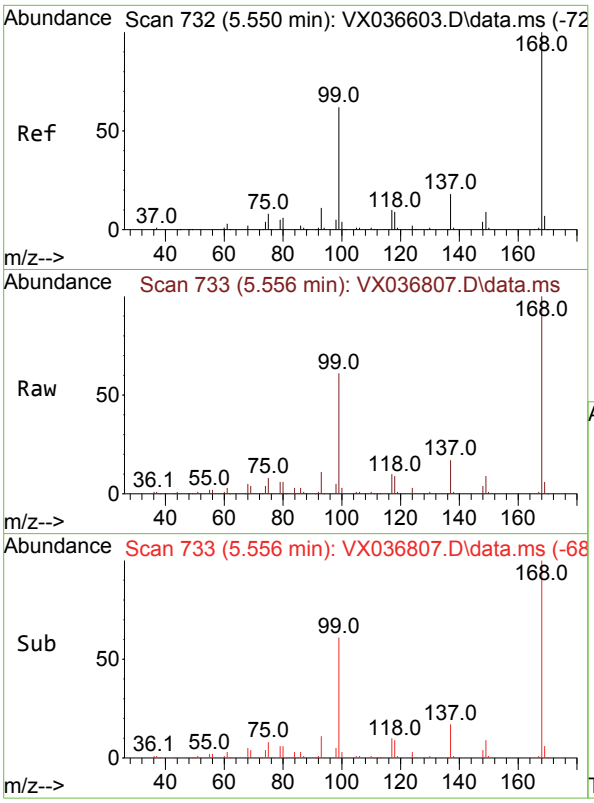


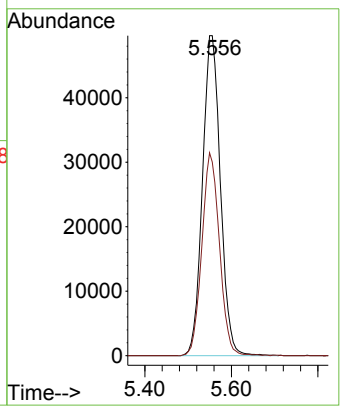


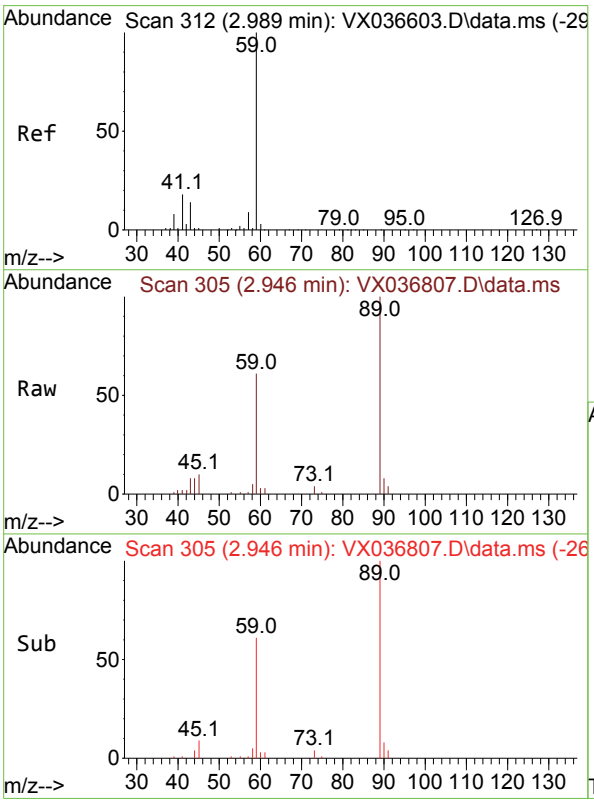
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion:168 Resp: 142678

Ion	Ratio	Lower	Upper
168	100		
99	60.5	56.6	85.0

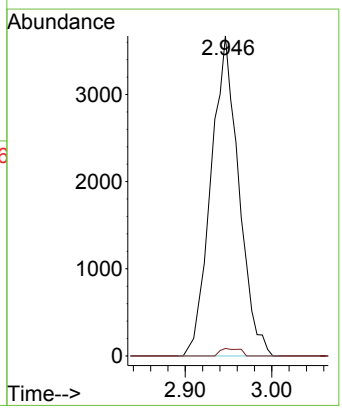


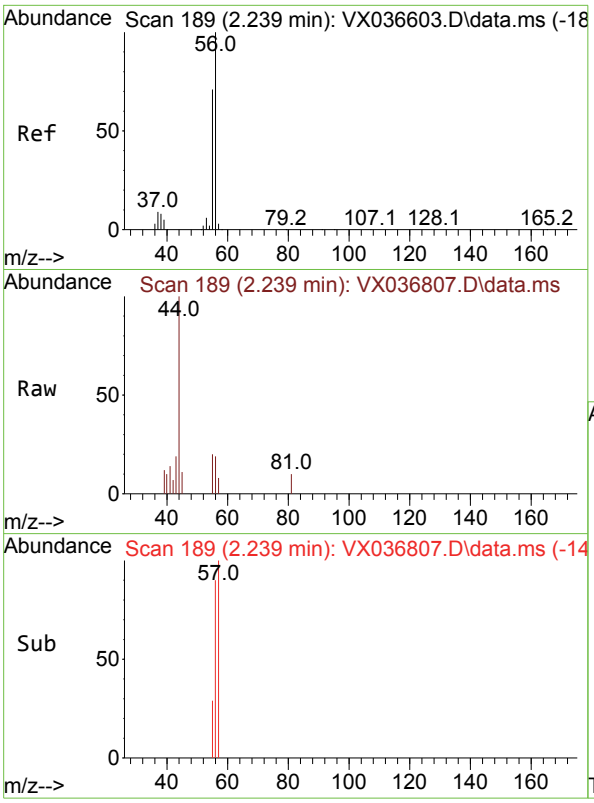


#11
Tert butyl alcohol
Concen: 16.385 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 59 Resp: 8189

Ion	Ratio	Lower	Upper
59	100		
57	1.7	6.0	9.0#



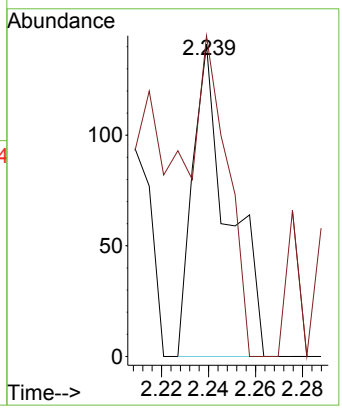


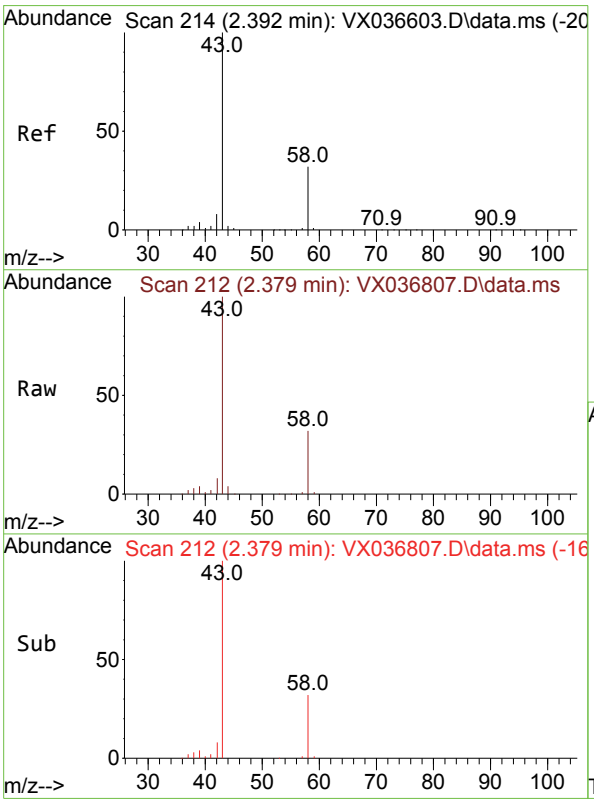
#13
Acrolein
Concen: 0.526 ug/l
RT: 2.239 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion: 56 Resp: 150

Ion	Ratio	Lower	Upper
56	100		
55	77.3	57.1	85.7

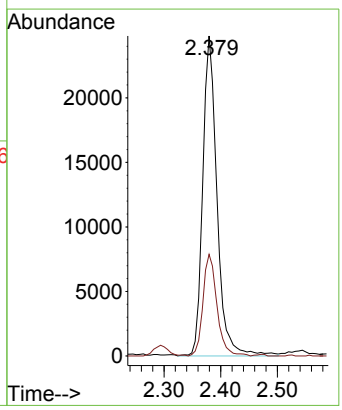


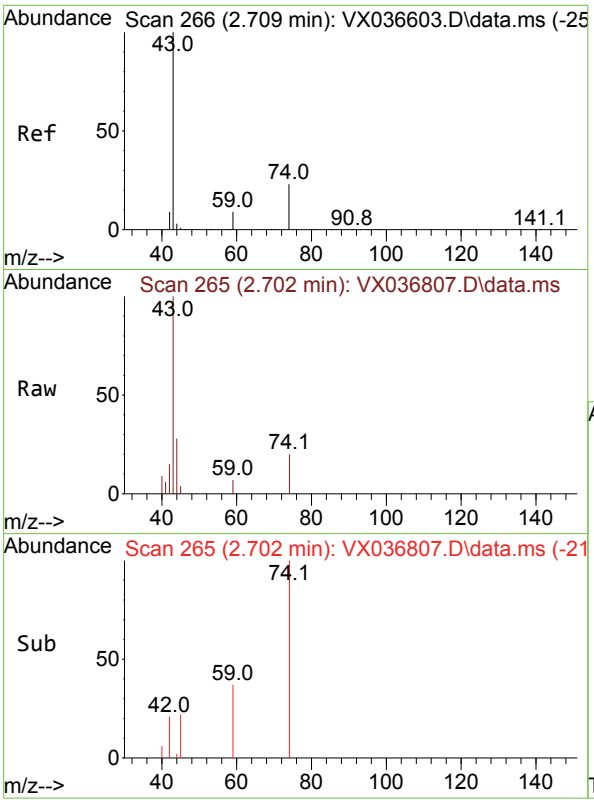


#16
Acetone
Concen: 49.654 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 43 Resp: 43499

Ion	Ratio	Lower	Upper
43	100		
58	31.7	21.9	32.9



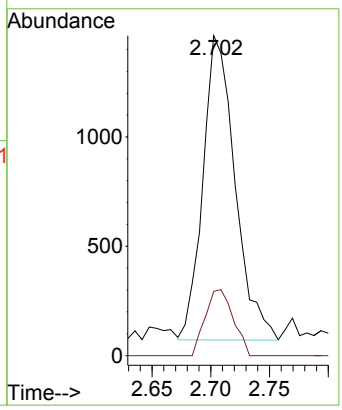


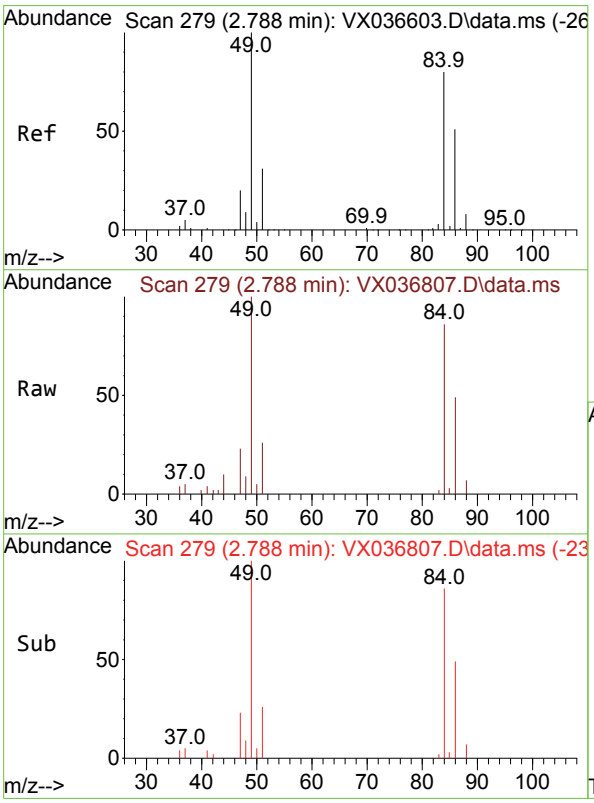
#18
Methyl Acetate
Concen: 0.720 ug/l
RT: 2.702 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion: 43 Resp: 2652

Ion	Ratio	Lower	Upper
43	100		
74	18.8	17.8	26.8

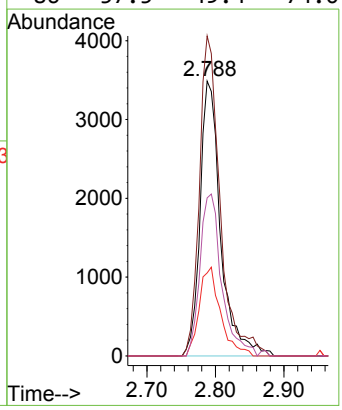


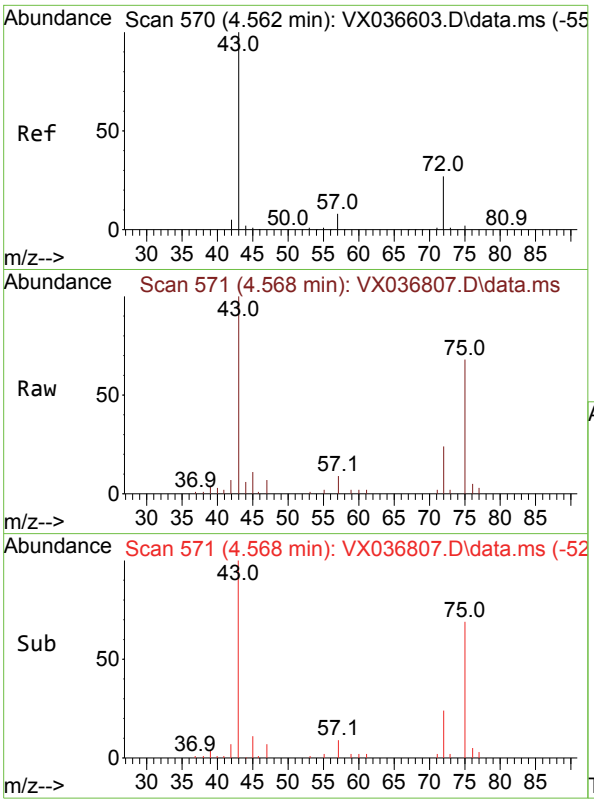


#20
Methylene Chloride
Concen: 3.746 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 84 Resp: 7298

Ion	Ratio	Lower	Upper
84	100		
49	116.4	103.6	155.4
51	30.2	33.8	50.6#
86	57.5	49.4	74.0



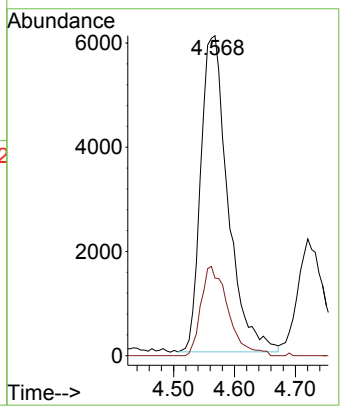


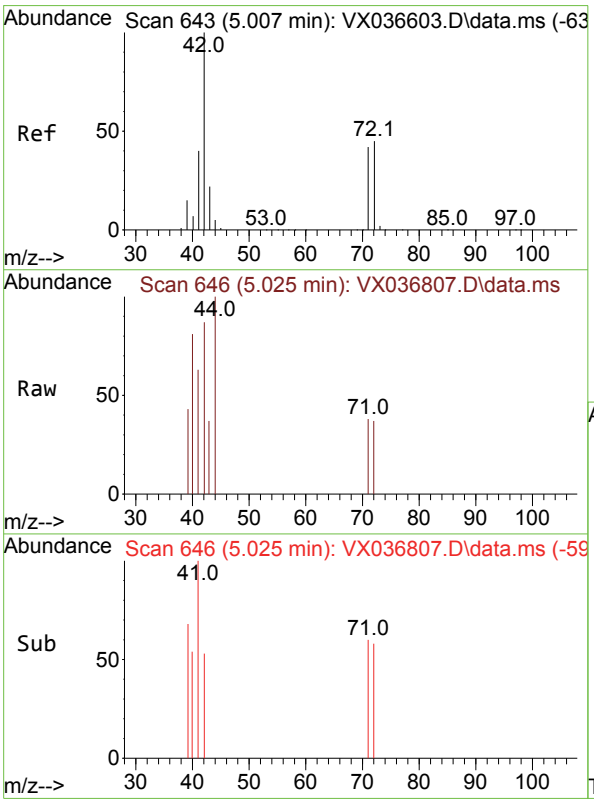
#25
2-Butanone
Concen: 13.250 ug/l
RT: 4.568 min Scan# 5
Delta R.T. 0.006 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion: 43 Resp: 18833

Ion	Ratio	Lower	Upper
43	100		
72	24.5	19.4	29.2

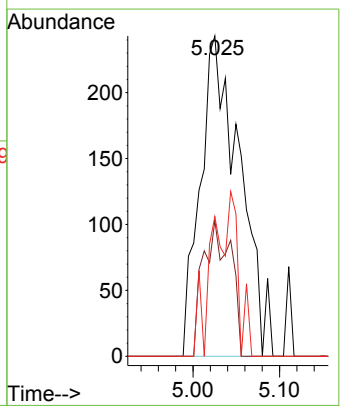


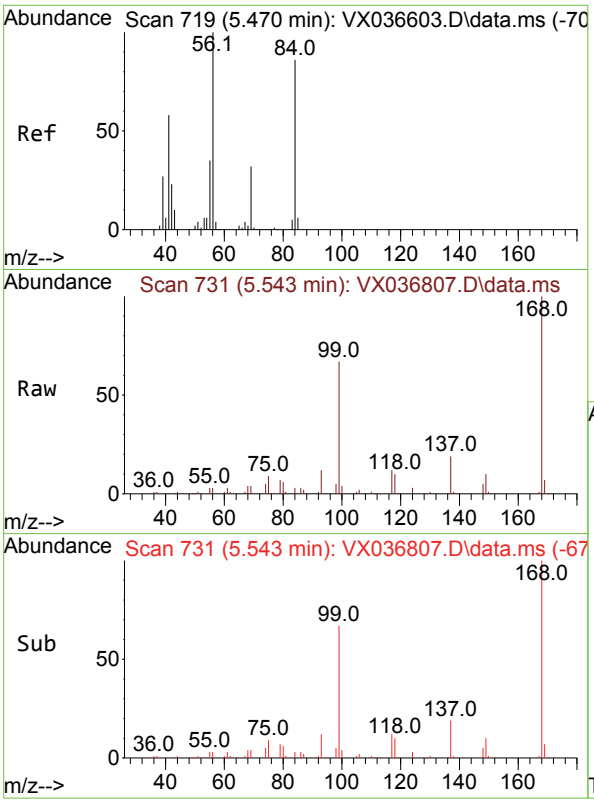


#29
Tetrahydrofuran
Concen: 0.842 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.018 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 42 Resp: 772

Ion	Ratio	Lower	Upper
42	100		
72	29.4	34.2	51.4#
71	19.7	32.2	48.2#



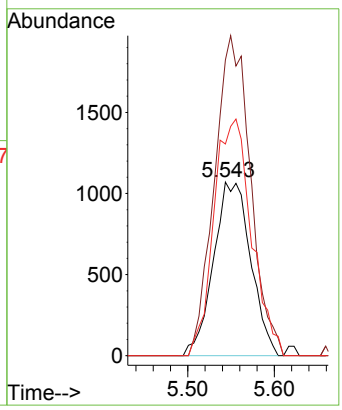


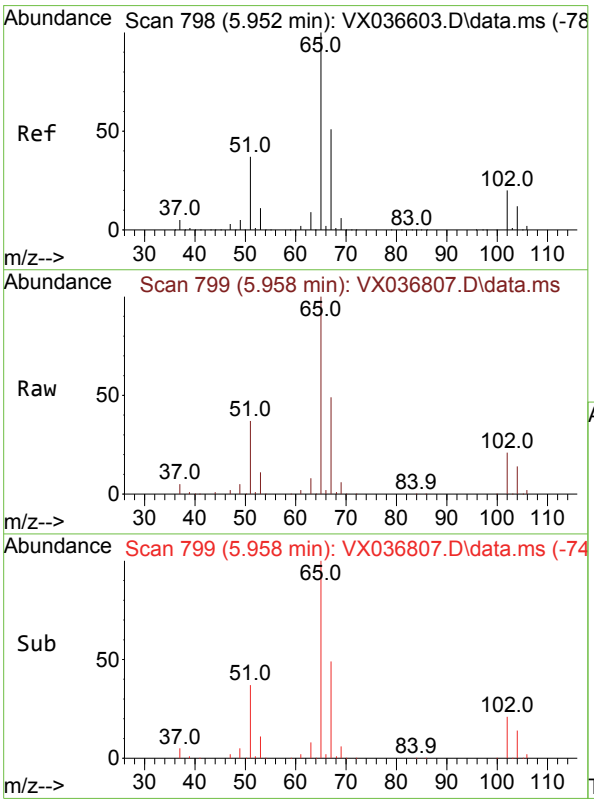
#31
Cyclohexane
Concen: 1.091 ug/l
RT: 5.543 min Scan# 7
Delta R.T. 0.073 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion: 56 Resp: 3189

Ion	Ratio	Lower	Upper
56	100		
69	170.4	23.4	35.2#
84	122.0	65.9	98.9#

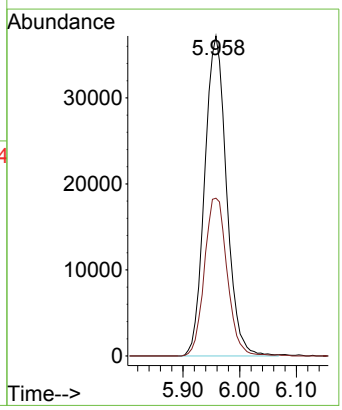


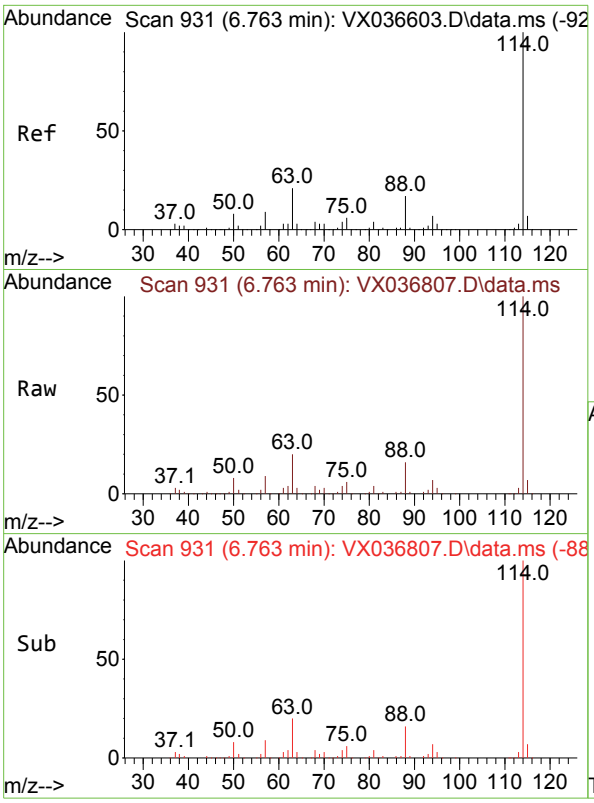


#33
1,2-Dichloroethane-d4
Concen: 47.101 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 65 Resp: 99437

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	100.2



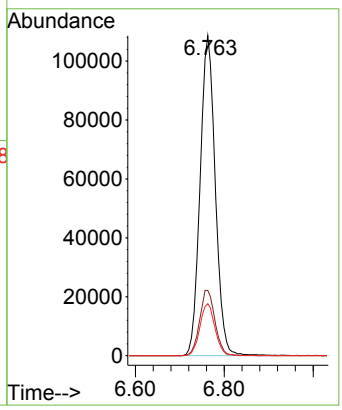


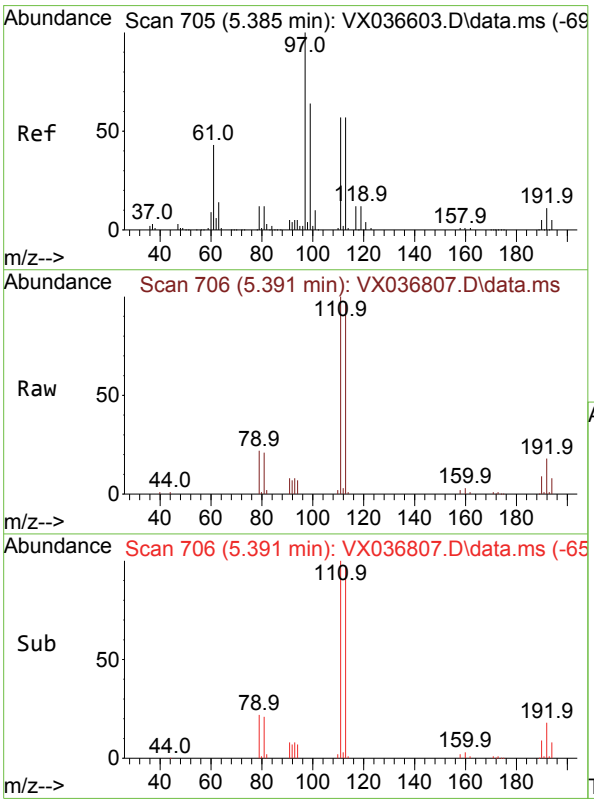
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion:114 Resp: 259076

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	45.0
88	16.3	0.0	36.6

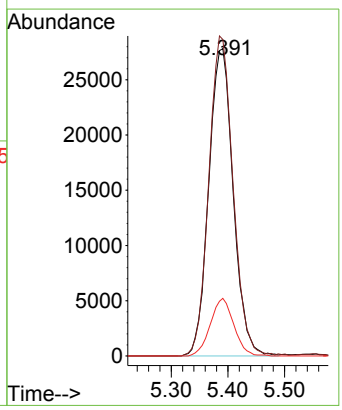


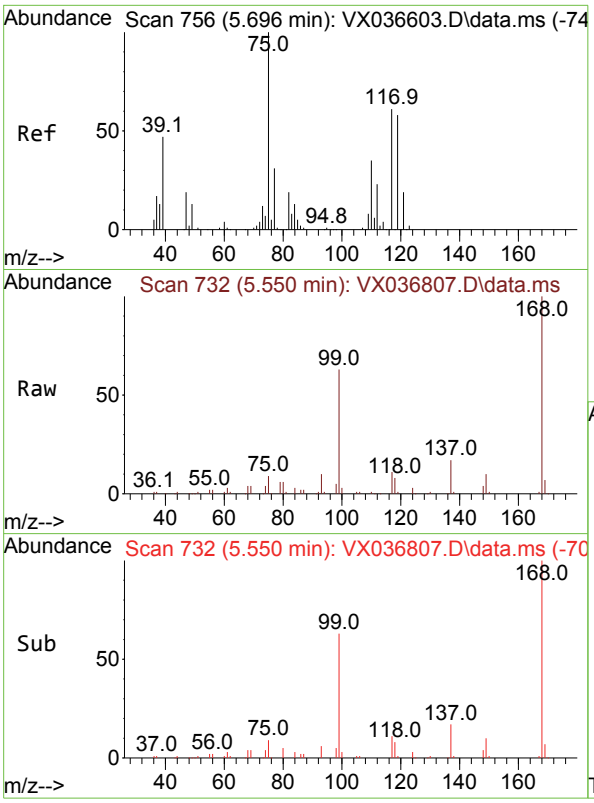


#35
Dibromofluoromethane
Concen: 46.837 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion:113 Resp: 83404

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.9	124.3
192	18.0	13.3	19.9



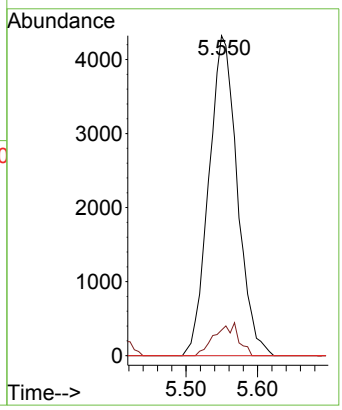


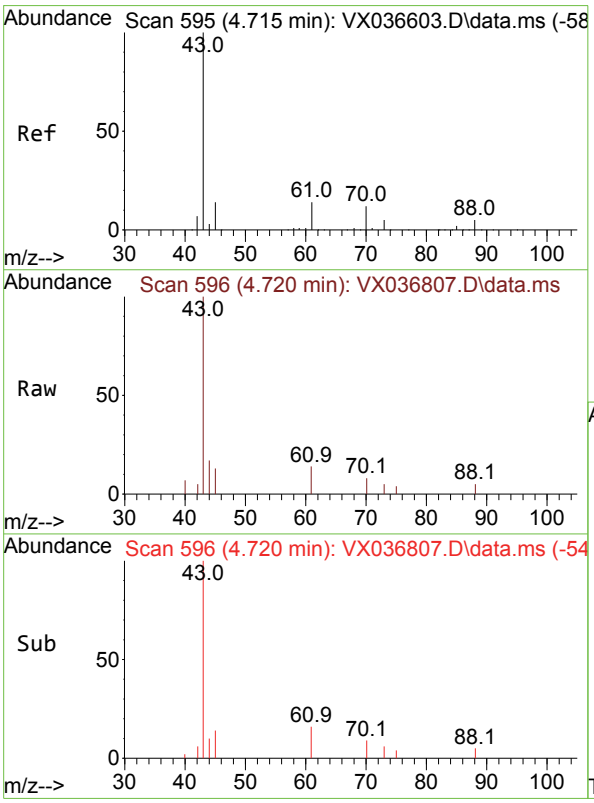
#36
1,1-Dichloropropene
Concen: 4.497 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.147 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion: 75 Resp: 11936

Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.0	50.9#
77	0.0	24.7	37.1#

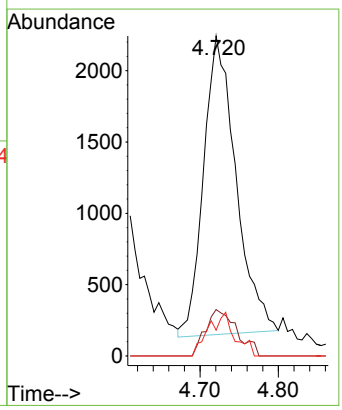


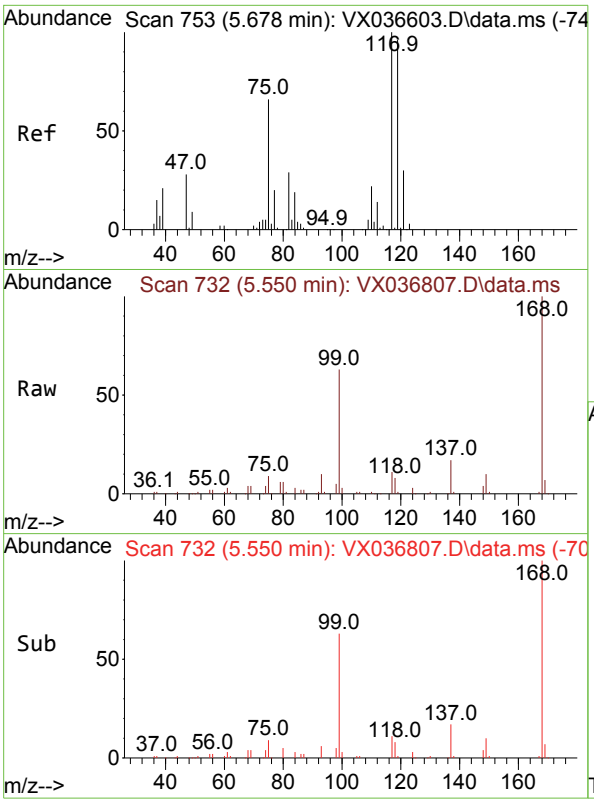


#37
Ethyl Acetate
Concen: 1.997 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 43 Resp: 5999

Ion	Ratio	Lower	Upper
43	100		
61	15.0	10.6	16.0
70	11.8	8.3	12.5



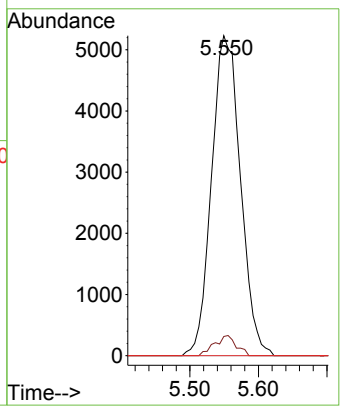


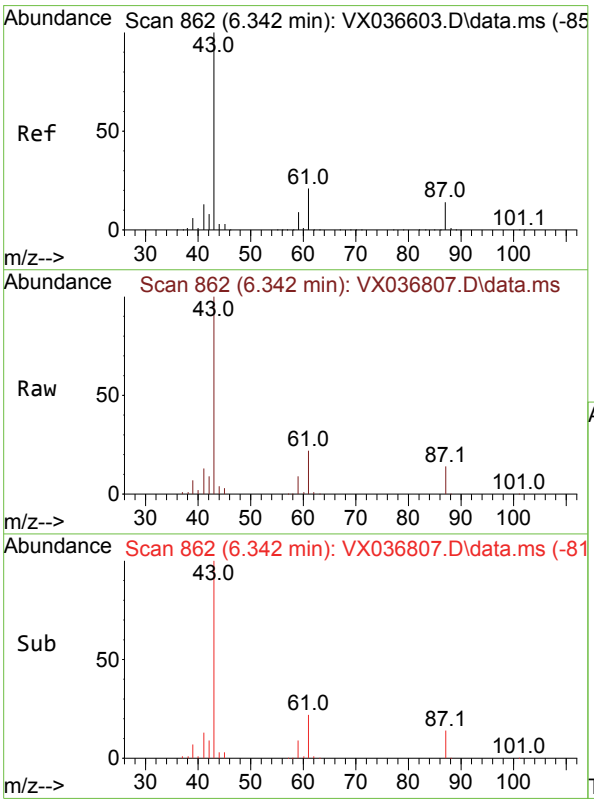
#38
Carbon Tetrachloride
Concen: 5.422 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.128 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion:117 Resp: 15299

Ion	Ratio	Lower	Upper
117	100		
119	6.0	78.2	117.2#
121	0.0	24.4	36.6#

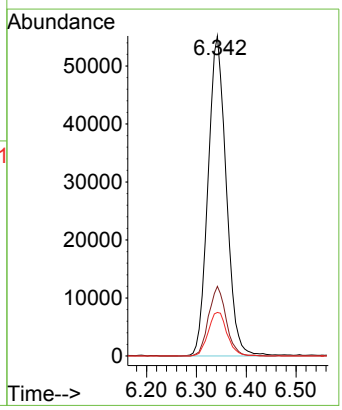


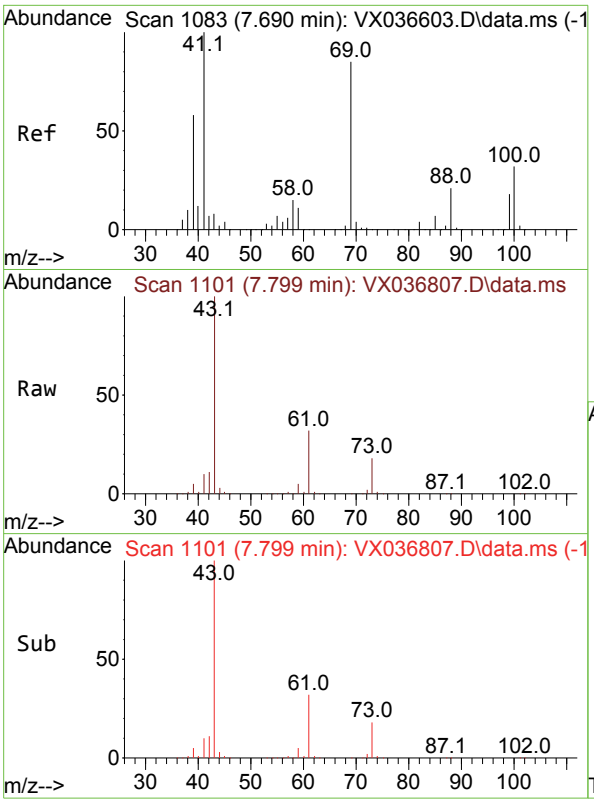


#43
Isopropyl Acetate
Concen: 27.034 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 43 Resp: 139799

Ion	Ratio	Lower	Upper
43	100		
61	21.0	15.2	22.8
87	14.1	9.8	14.6



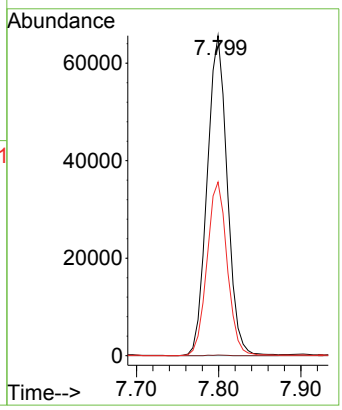


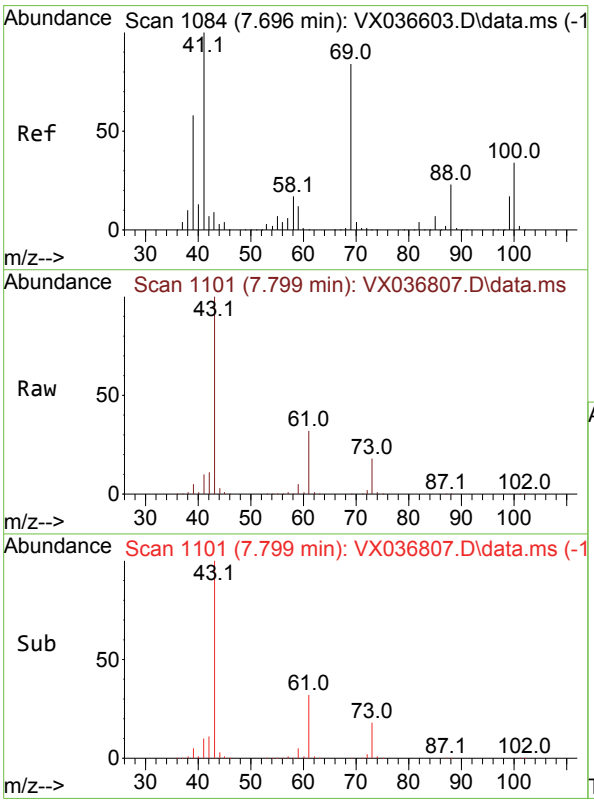
#48
Methyl methacrylate
Concen: 46.459 ug/l
RT: 7.799 min Scan# 1
Delta R.T. 0.110 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion: 41 Resp: 111731

Ion	Ratio	Lower	Upper
41	100		
69	0.2	59.2	88.8#
39	54.6	47.7	71.5

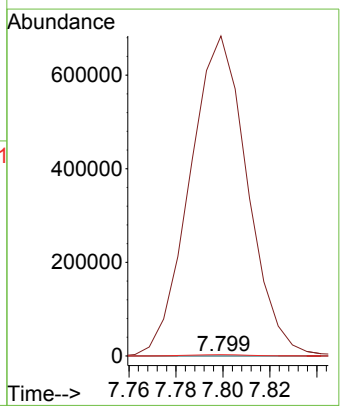


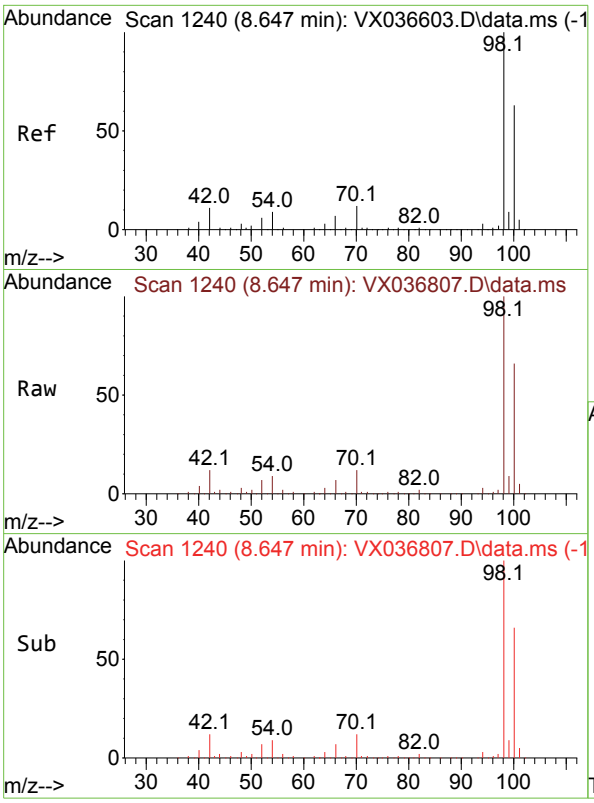


#49
1,4-Dioxane
Concen: 2.964 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 88 Resp: 144

Ion	Ratio	Lower	Upper
88	100		
43	815304.9	0.0	0.0#
58	3501.4	60.1	90.1#



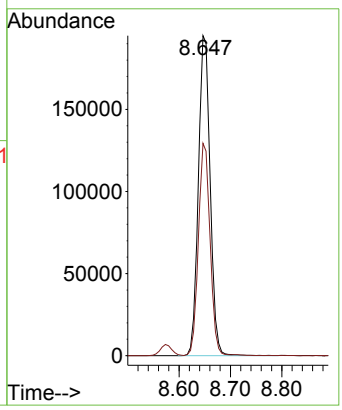


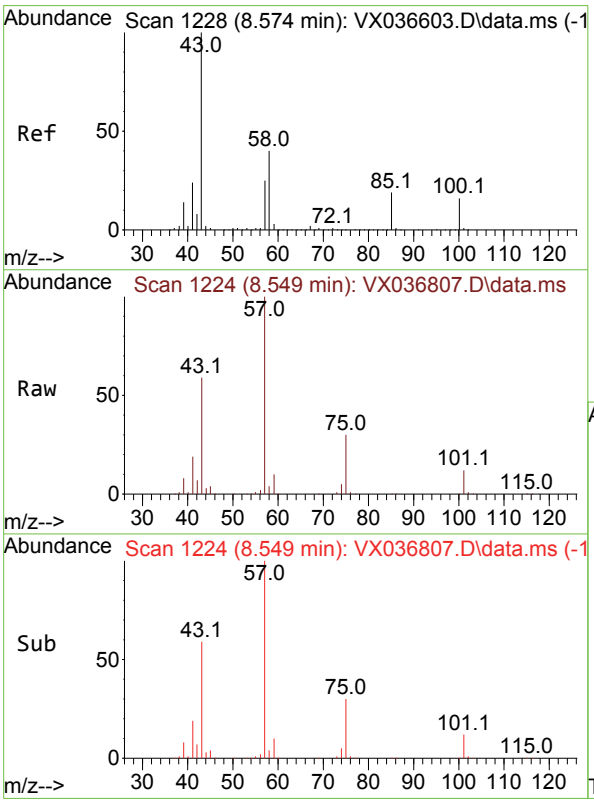
#50
Toluene-d8
Concen: 49.158 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion: 98 Resp: 310431

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.1	79.7

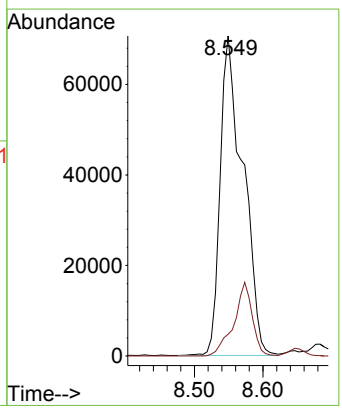


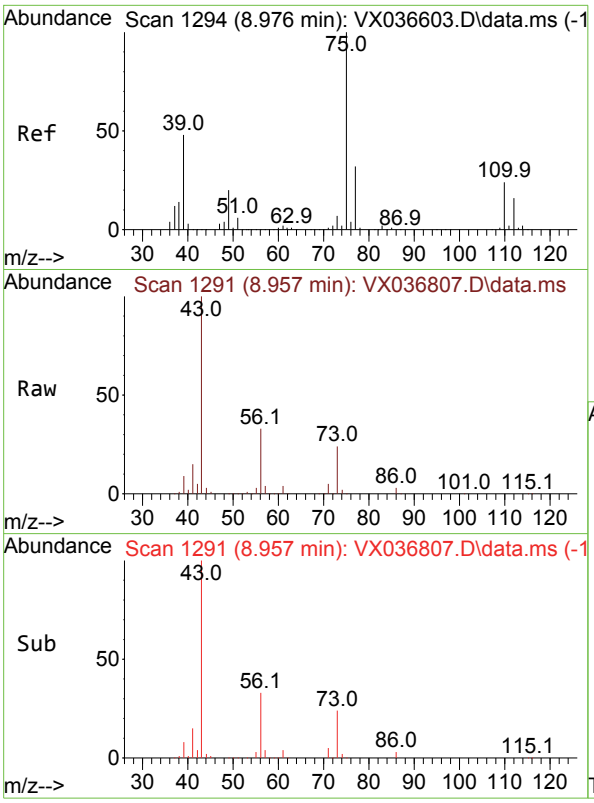


#51
4-Methyl-2-Pentanone
Concen: 57.005 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 43 Resp: 163133

Ion	Ratio	Lower	Upper
43	100		
58	0.0	30.4	45.6#



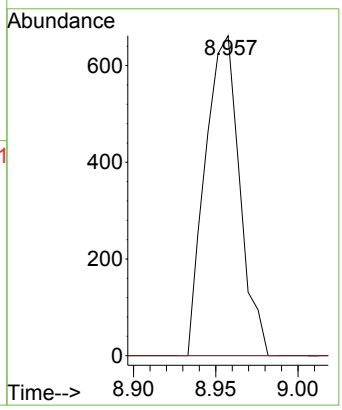


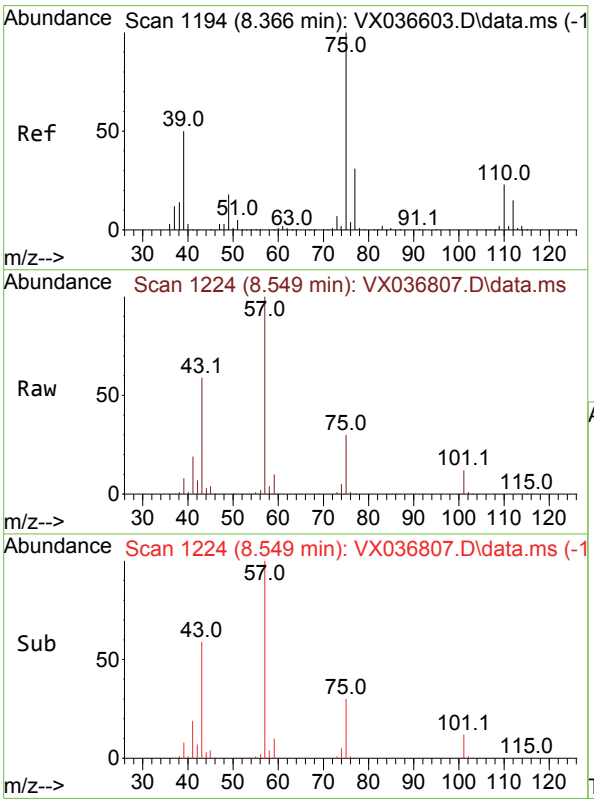
#53
t-1,3-Dichloropropene
Concen: 0.288 ug/l
RT: 8.957 min Scan# 1
Delta R.T. -0.018 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion: 75 Resp: 963

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.7	38.5#

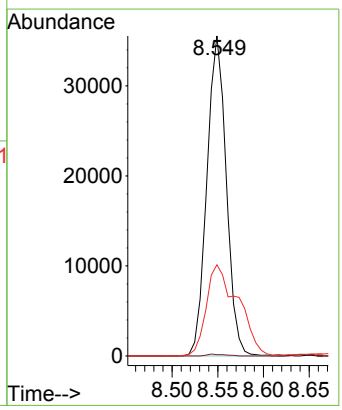


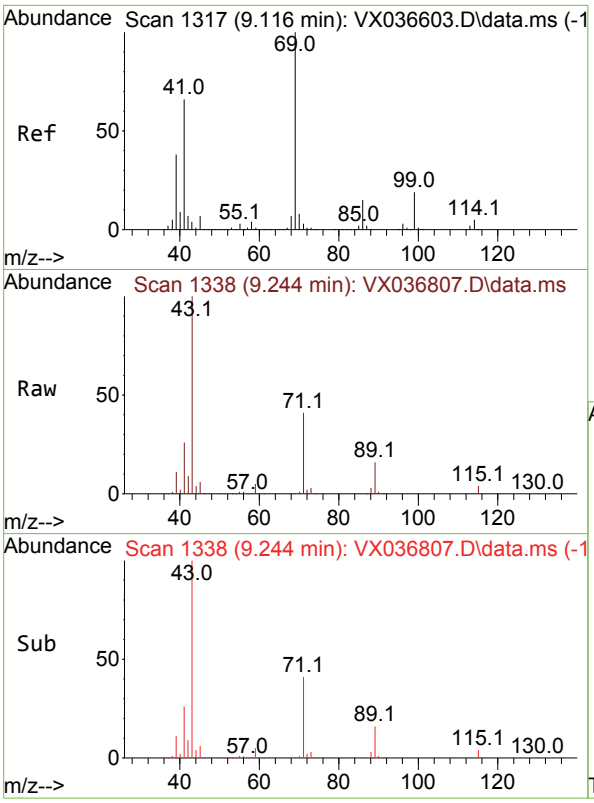


#54
cis-1,3-Dichloropropene
Concen: 14.832 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 75 Resp: 52393

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.3	37.9#
39	28.5	46.7	70.1#



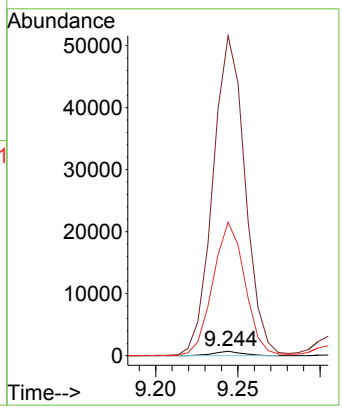


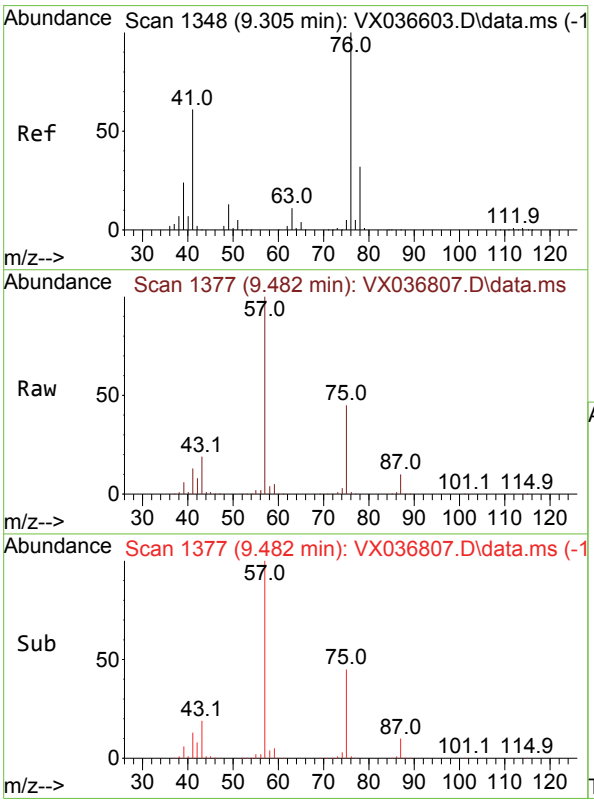
#56
Ethyl methacrylate
Concen: 0.262 ug/l
RT: 9.244 min Scan# 1
Delta R.T. 0.128 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion: 69 Resp: 867

Ion	Ratio	Lower	Upper
69	100		
41	8129.5	56.8	85.2#
39	3375.9	32.0	48.0#

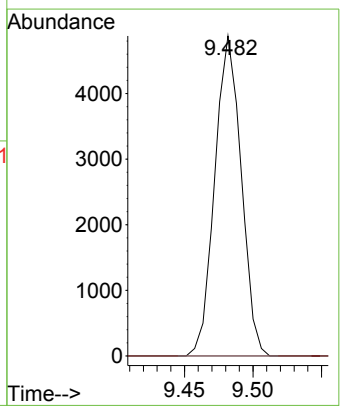


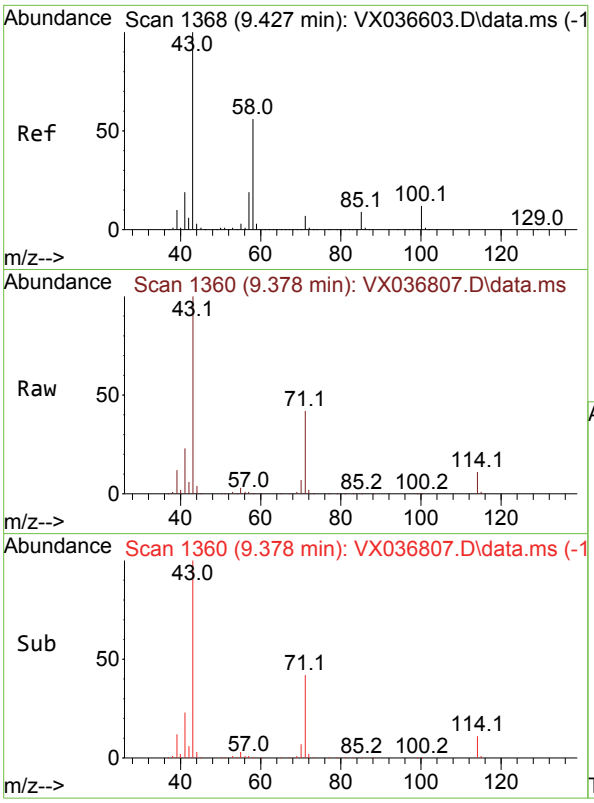


#57
1,3-Dichloropropane
Concen: 1.931 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.177 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 76 Resp: 6542

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#



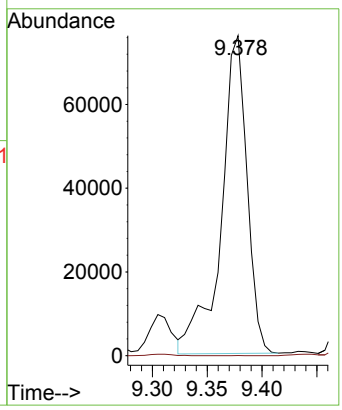


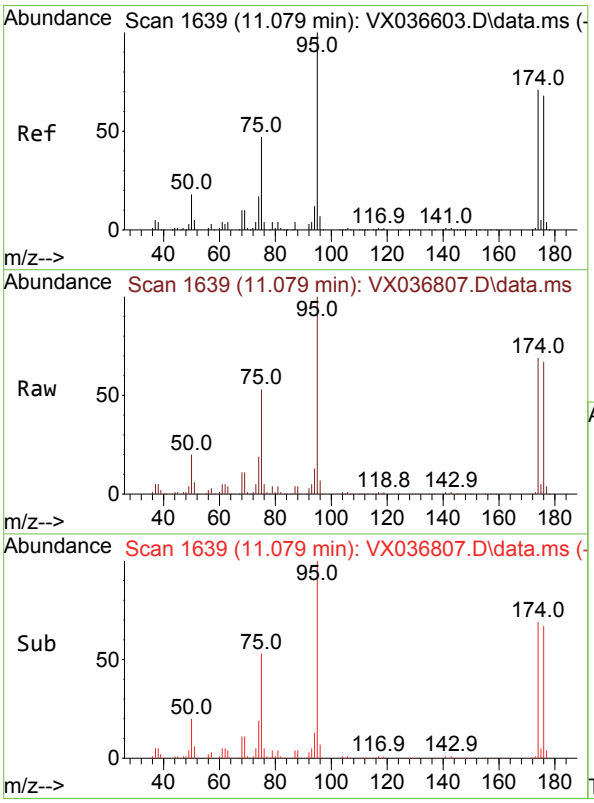
#59
2-Hexanone
Concen: 58.618 ug/l
RT: 9.378 min Scan# 1
Delta R.T. -0.049 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion: 43 Resp: 124496

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.2	78.5#

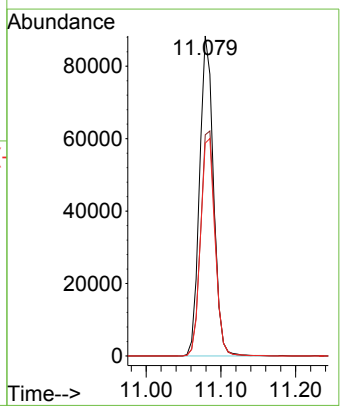


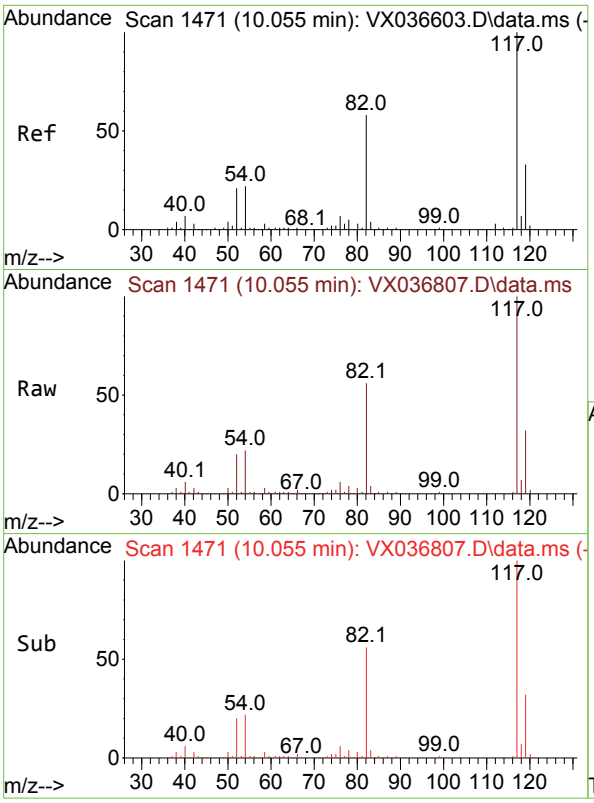


#62
4-Bromofluorobenzene
Concen: 47.940 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 95 Resp: 114217

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	135.6
176	70.9	0.0	131.0



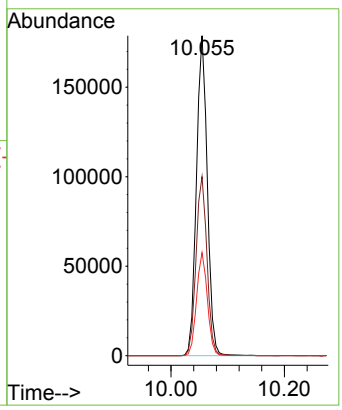


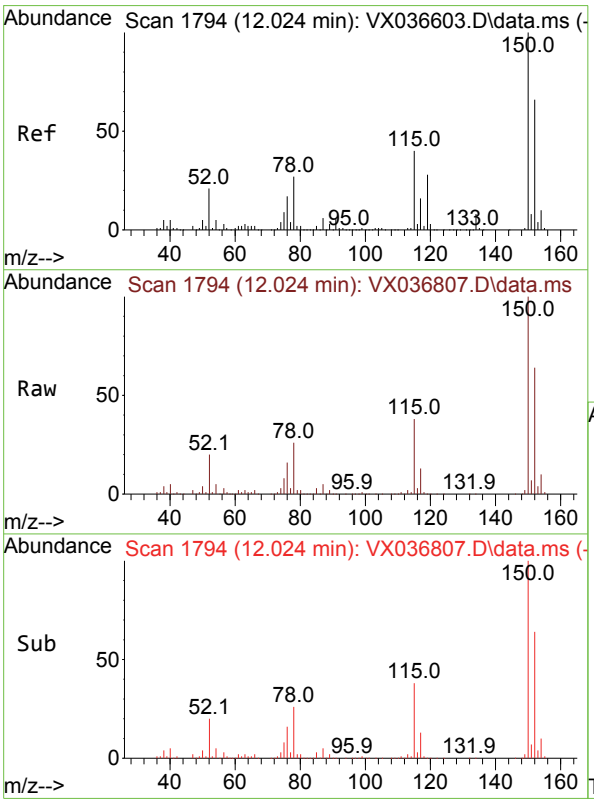
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion:117 Resp: 237896

Ion	Ratio	Lower	Upper
117	100		
82	55.9	46.2	69.4
119	32.2	25.5	38.3

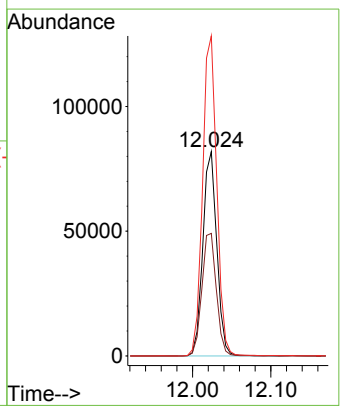


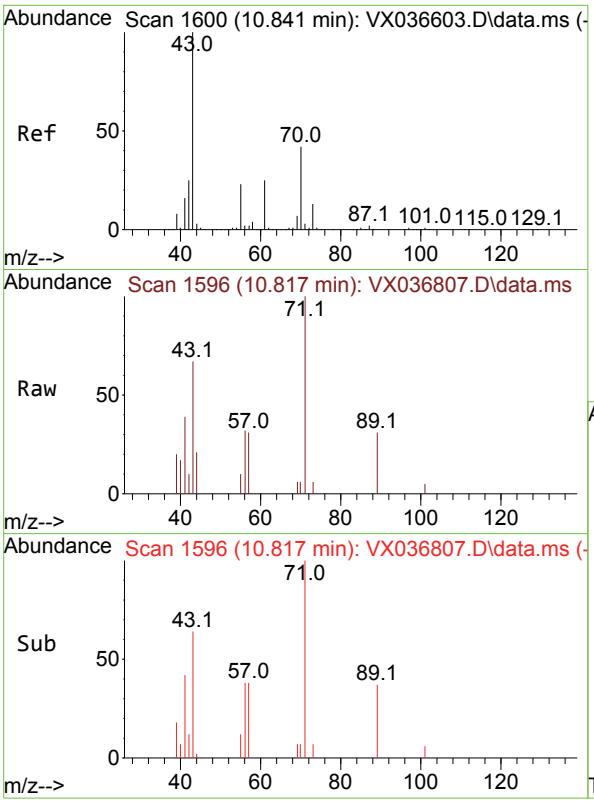


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion:152 Resp: 101134

Ion	Ratio	Lower	Upper
152	100		
115	62.4	43.3	129.9
150	158.6	0.0	345.0



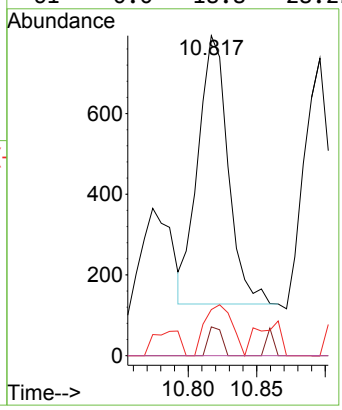


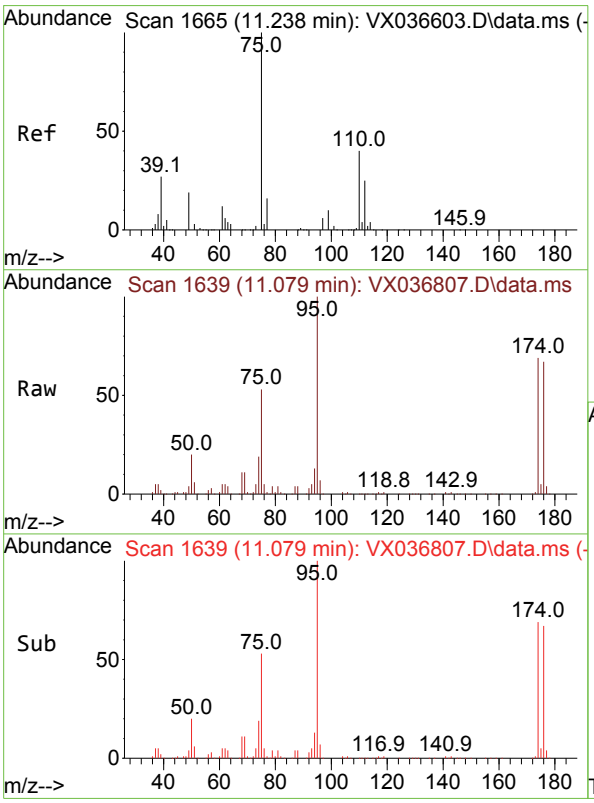
#74
N-amyl acetate
Concen: 0.261 ug/l
RT: 10.817 min Scan# 1
Delta R.T. -0.025 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion: 43 Resp: 1019

Ion	Ratio	Lower	Upper
43	100		
70	4.8	32.9	49.3#
55	17.2	19.3	28.9#
61	0.0	18.8	28.2#

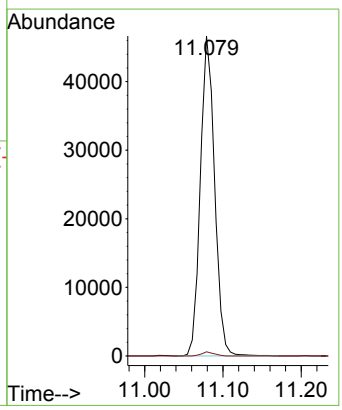


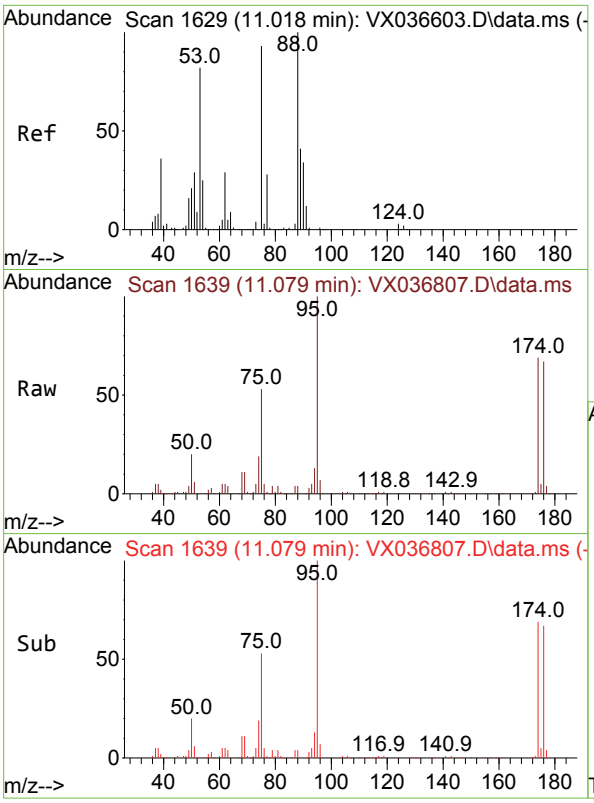


#76
1,2,3-Trichloropropane
Concen: 24.795 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Tgt Ion: 75 Resp: 58982

Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 56.199 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036807.D
Acq: 04 Aug 2023 13:55

Instrument :
MSVOA_X
ClientSampleId :
ZHC#05

Tgt Ion: 75 Resp: 58982

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