Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
Data File : VX040017.D
Acq On : 30 Jan 2024 14:28
Operator : JC/MD
Sample : VX0130MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Quant Time: Jan 31 05:35:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 05:24:02 2024
Response via : Initial Calibration

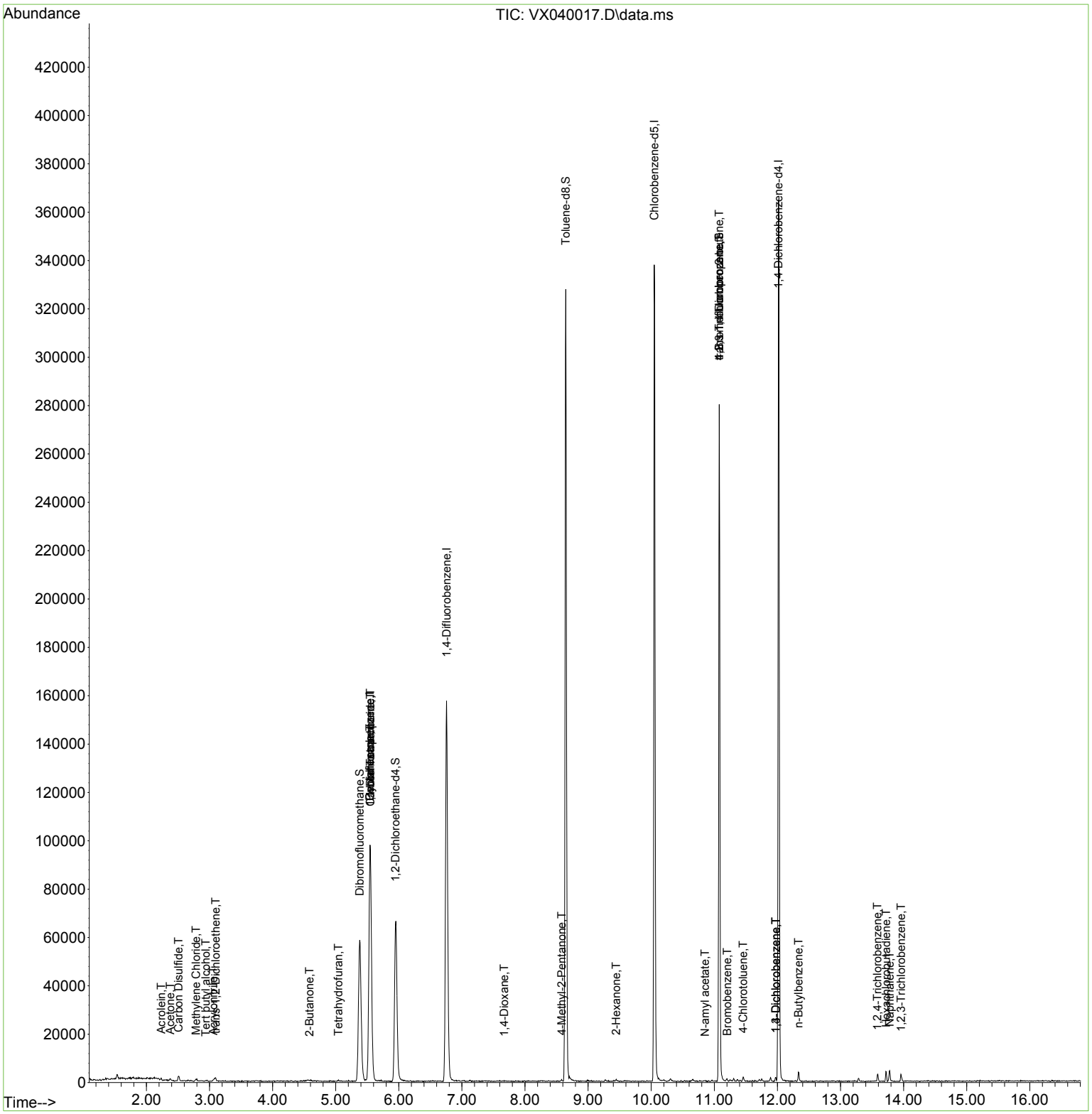
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	88210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156155	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	148346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	64599	45.504	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 91.000%			
35) Dibromofluoromethane	5.379	113	51009	47.986	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.980%			
50) Toluene-d8	8.647	98	194500	48.927	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.860%			
62) 4-Bromofluorobenzene	11.079	95	74005	48.347	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.700%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.941	59	182	0.707	ug/l #	78
13) Acrolein	2.233	56	226	0.916	ug/l	85
15) Acrylonitrile	3.062	53	703	1.089	ug/l	95
16) Acetone	2.380	43	807	1.213	ug/l #	62
17) Carbon Disulfide	2.508	76	2460	0.848	ug/l	97
20) Methylene Chloride	2.788	84	447	0.378	ug/l #	59
21) trans-1,2-Dichloroethene	3.099	96	423	0.387	ug/l #	46
25) 2-Butanone	4.587	43	240	0.260	ug/l #	51
29) Tetrahydrofuran	5.044	42	162	0.276	ug/l #	63
31) Cyclohexane	5.544	56	2141	1.204	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7779	5.060	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9919	6.743	ug/l #	15
49) 1,4-Dioxane	7.671	88	47	1.658	ug/l #	12
51) 4-Methyl-2-Pentanone	8.580	43	579	0.320	ug/l #	80
59) 2-Hexanone	9.445	43	623	0.432	ug/l	71
74) N-amyl acetate	10.854	43	180	0.276	ug/l #	64
76) 1,2,3-Trichloropropane	11.079	75	40223	26.350	ug/l #	39
77) Bromobenzene	11.207	156	273	0.230	ug/l	68
81) trans-1,4-Dichloro-2-b...	11.079	75	40223	77.245	ug/l #	5
82) 4-Chlorotoluene	11.457	91	964	0.220	ug/l	99
87) 1,3-Dichlorobenzene	11.976	146	748	0.312	ug/l	76
88) 1,4-Dichlorobenzene	11.976	146	748	0.305	ug/l	77
89) n-Butylbenzene	12.335	91	1499	0.337	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	846	0.586	ug/l	90
94) Hexachlorobutadiene	13.725	225	469	0.825	ug/l	96
95) Naphthalene	13.780	128	3343	0.682	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	717	0.502	ug/l	87

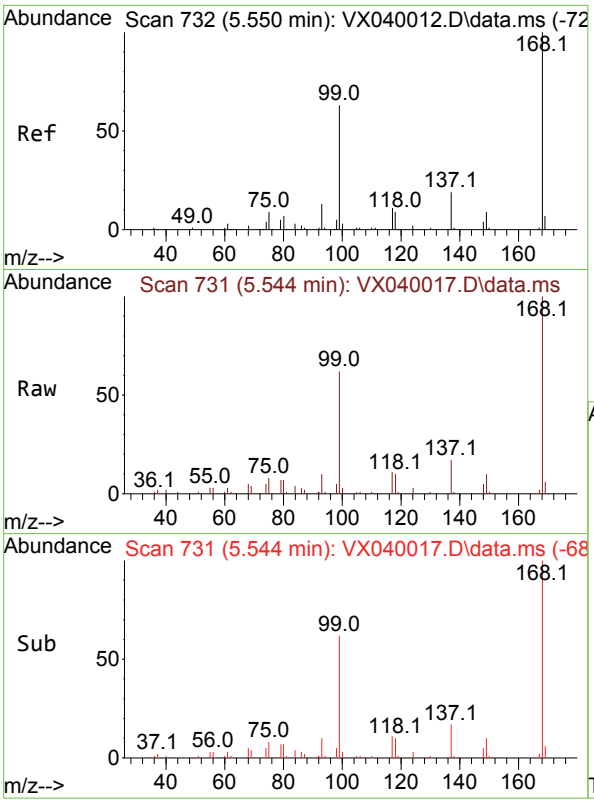
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013024\
Data File : VX040017.D
Acq On : 30 Jan 2024 14:28
Operator : JC/MD
Sample : VX0130MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Quant Time: Jan 31 05:35:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 05:24:02 2024
Response via : Initial Calibration



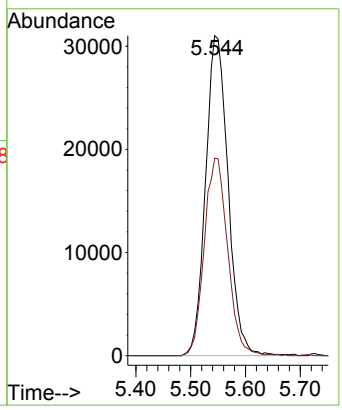


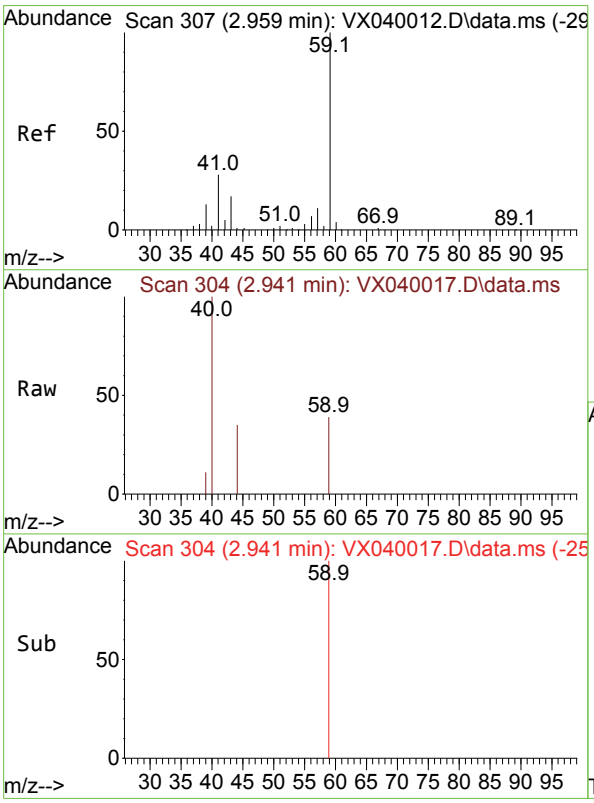
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion:168 Resp: 88210

Ion	Ratio	Lower	Upper
168	100		
99	61.7	56.6	85.0

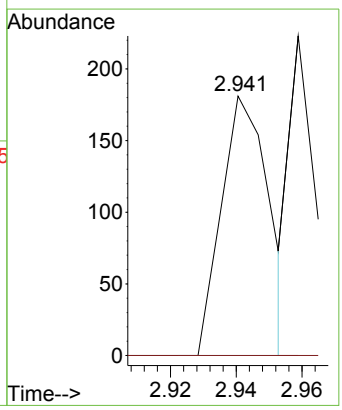


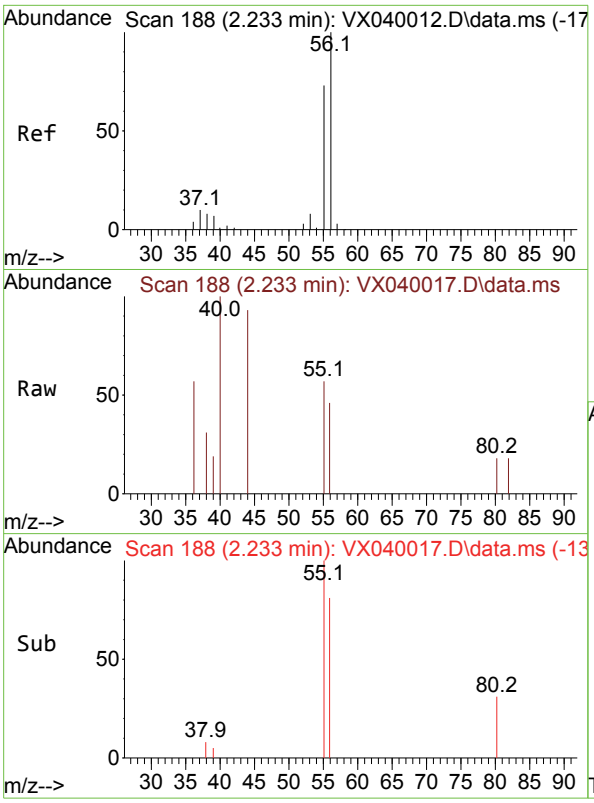


#11
Tert butyl alcohol
Concen: 0.707 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion: 59 Resp: 182

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.0	9.0#



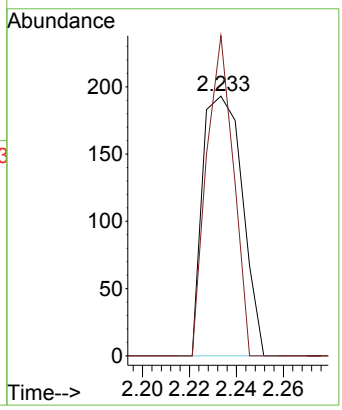


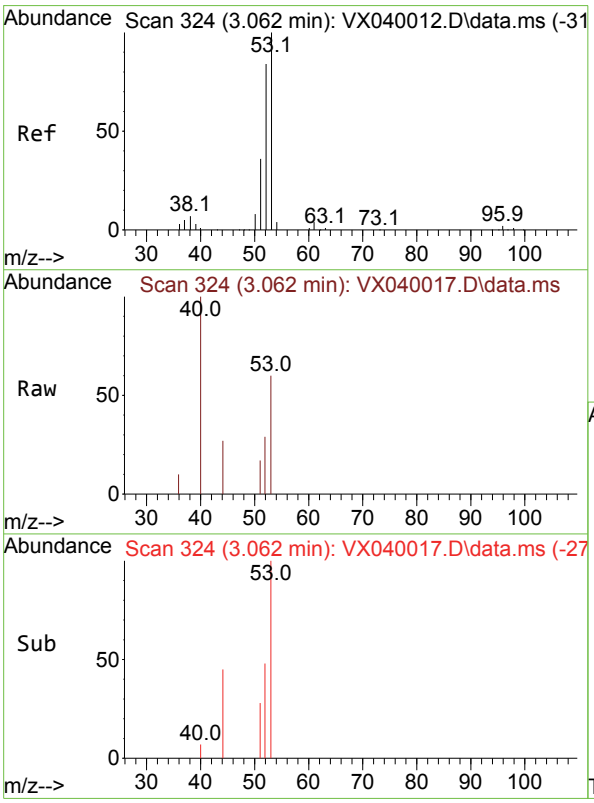
#13
Acrolein
Concen: 0.916 ug/l
RT: 2.233 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion: 56 Resp: 226

Ion	Ratio	Lower	Upper
56	100		
55	83.6	57.1	85.7

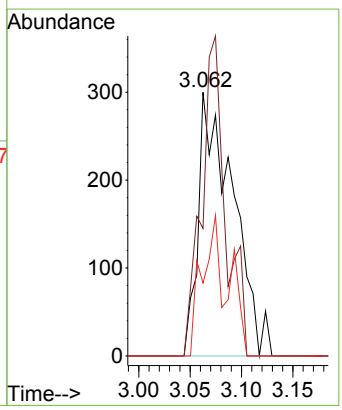


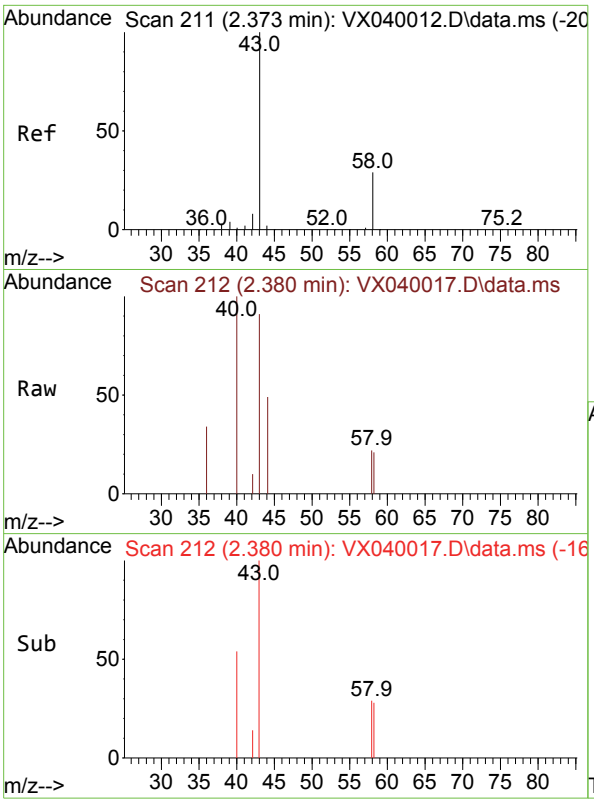


#15
Acrylonitrile
Concen: 1.089 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion: 53 Resp: 703

Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.0	99.0
51	30.2	29.8	44.6



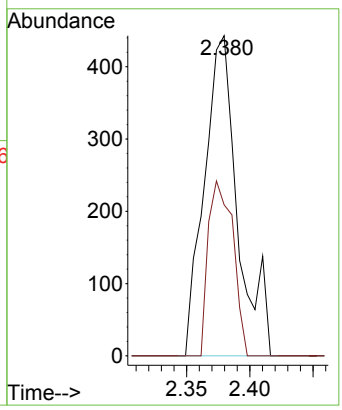


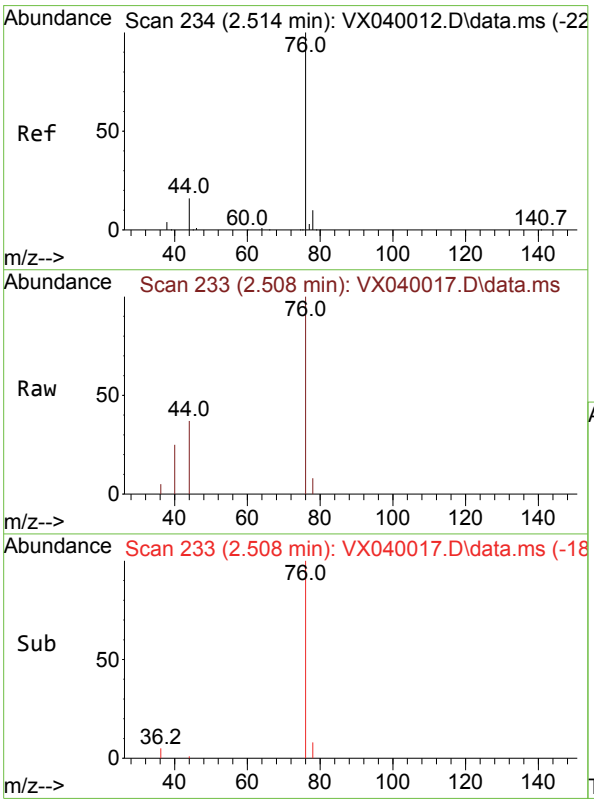
#16
Acetone
Concen: 1.213 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion: 43 Resp: 807

Ion	Ratio	Lower	Upper
43	100		
58	47.2	21.9	32.9#

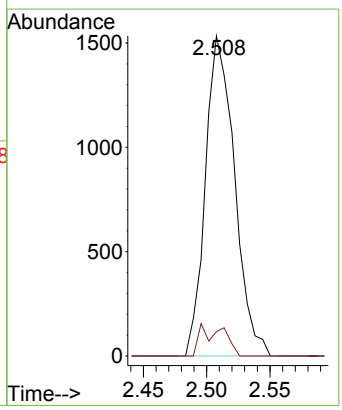


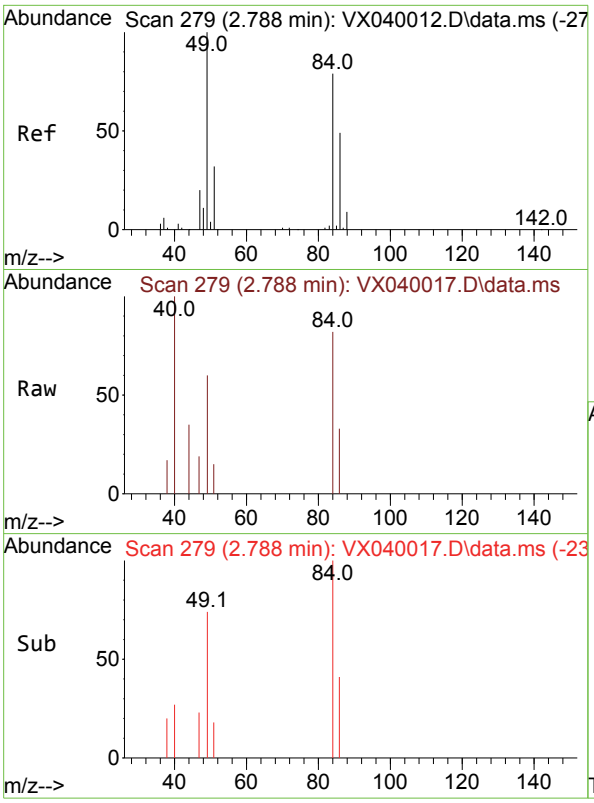


#17
Carbon Disulfide
Concen: 0.848 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion: 76 Resp: 2460

Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.0	10.6



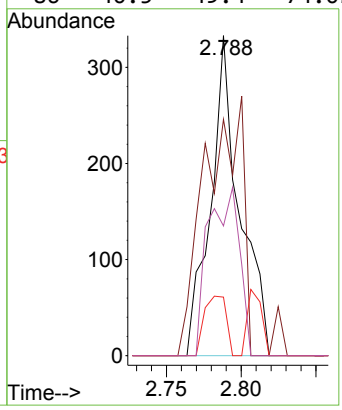


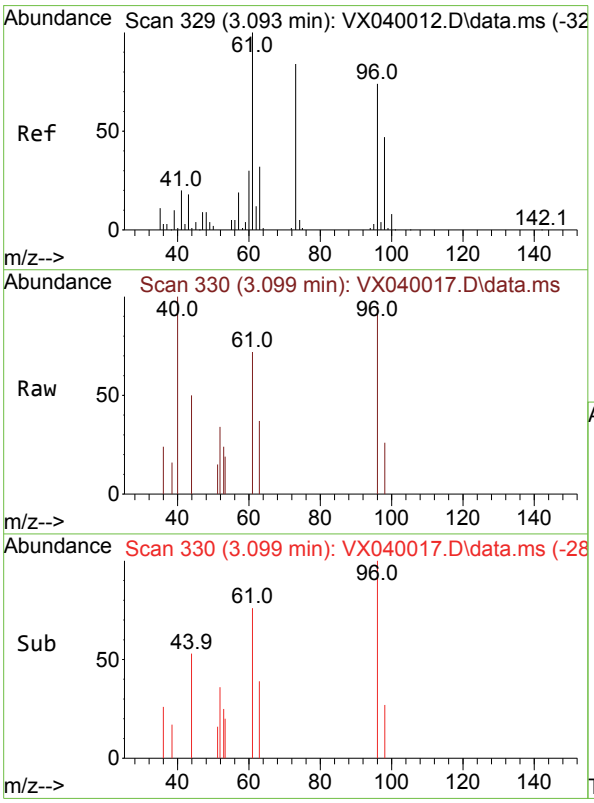
#20
Methylene Chloride
Concen: 0.378 ug/l
RT: 2.788 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion: 84 Resp: 447

Ion	Ratio	Lower	Upper
84	100		
49	73.9	103.6	155.4#
51	18.3	33.8	50.6#
86	40.5	49.4	74.0#

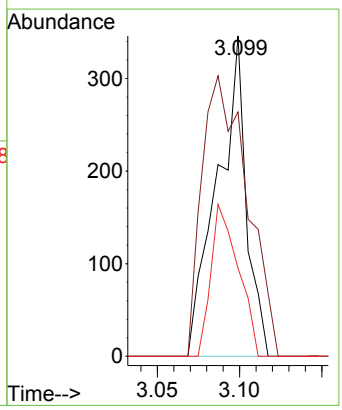


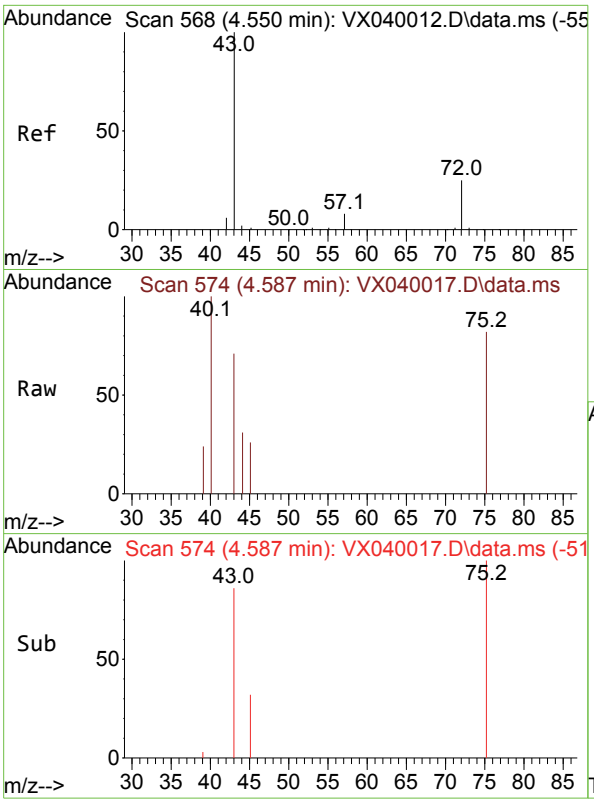


#21
trans-1,2-Dichloroethene
Concen: 0.387 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion: 96 Resp: 423

Ion	Ratio	Lower	Upper
96	100		
61	76.3	119.2	178.8#
98	27.5	48.7	73.1#



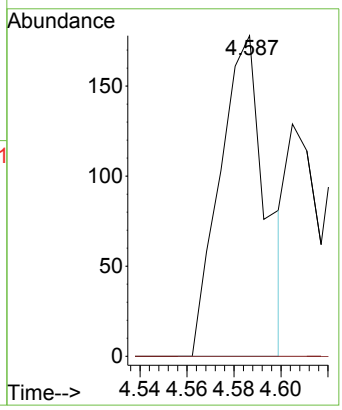


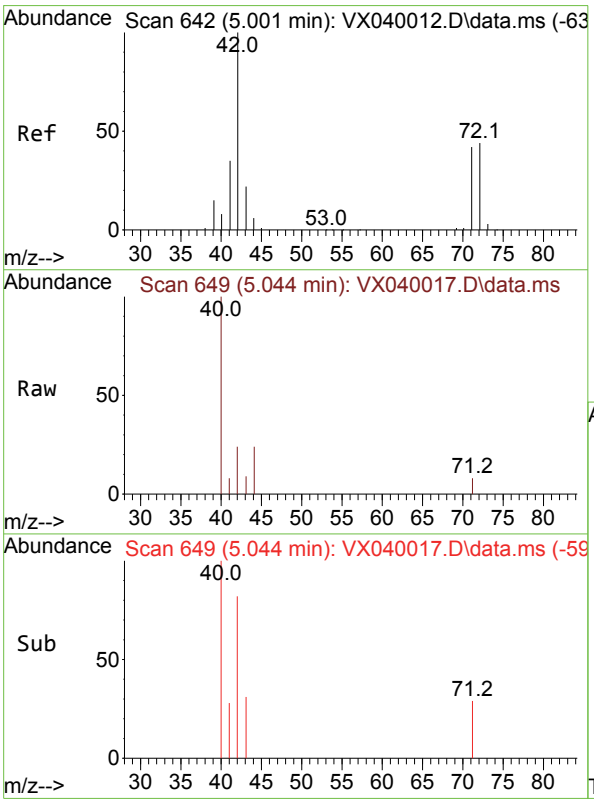
#25
2-Butanone
Concen: 0.260 ug/l
RT: 4.587 min Scan# 5
Delta R.T. 0.037 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion: 43 Resp: 240

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#

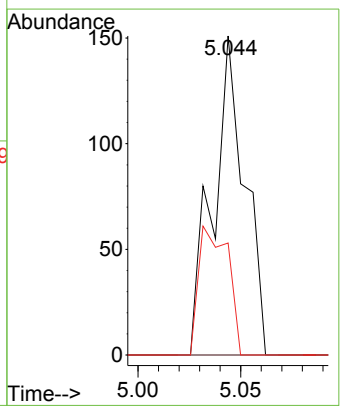


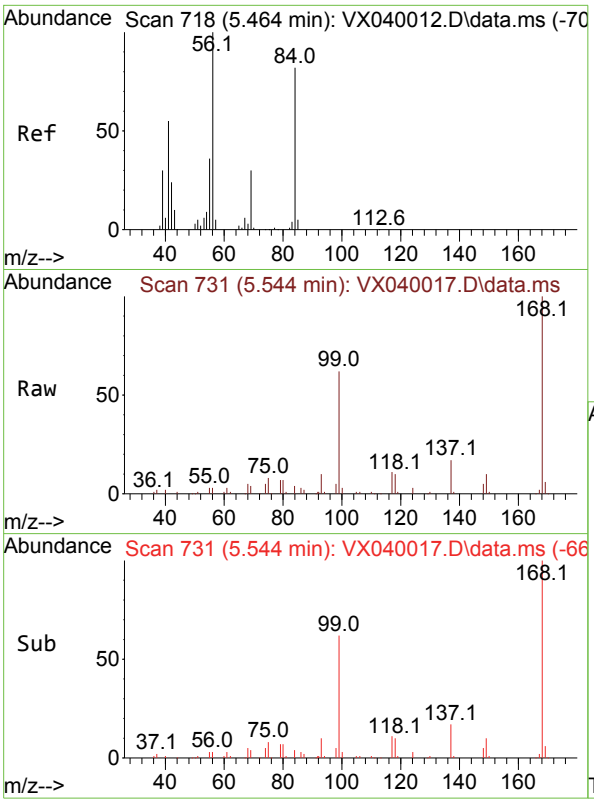


#29
Tetrahydrofuran
Concen: 0.276 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.043 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion: 42 Resp: 162

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	37.0	32.2	48.2



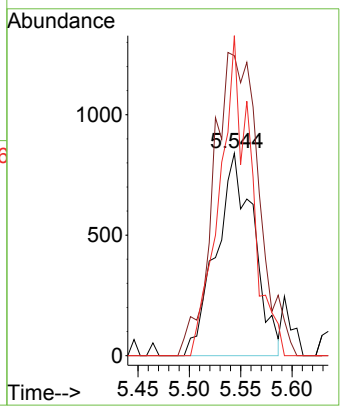


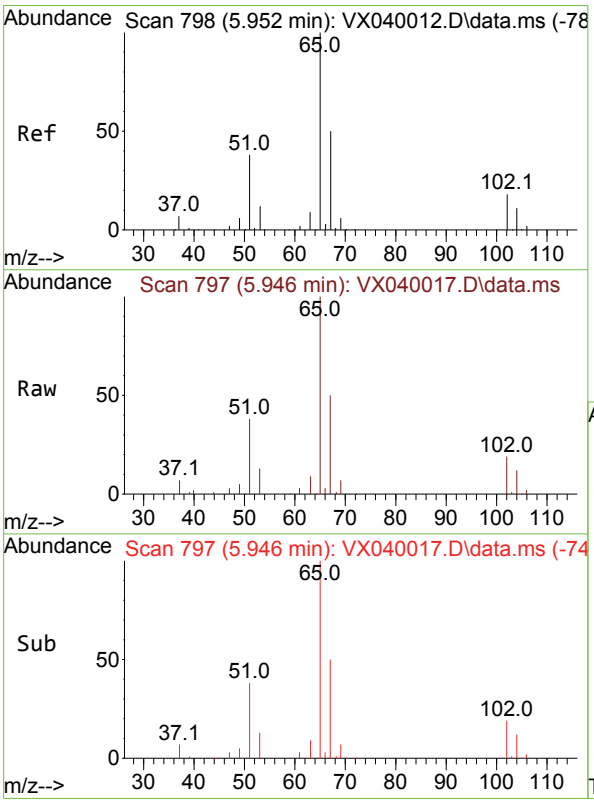
#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.079 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion: 56 Resp: 2141

Ion	Ratio	Lower	Upper
56	100		
69	148.2	23.4	35.2#
84	158.1	65.9	98.9#

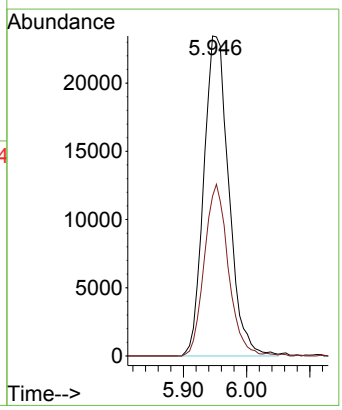


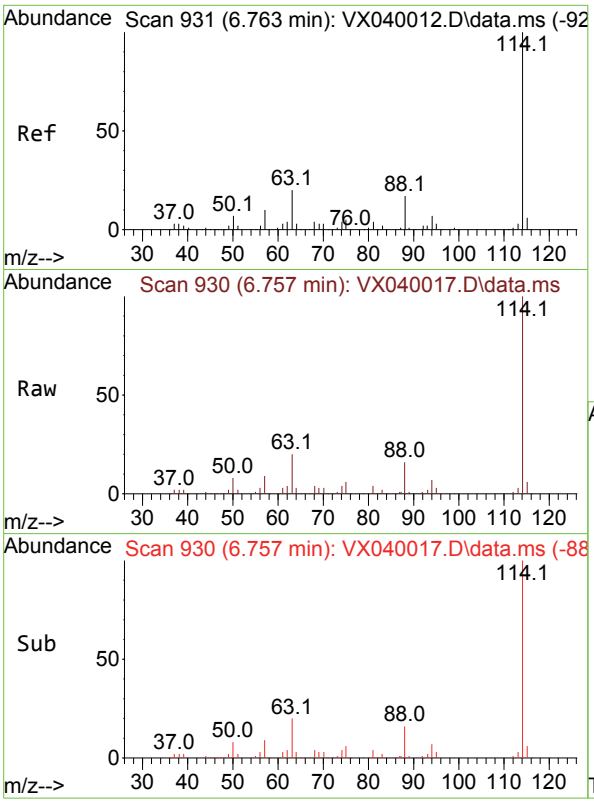


#33
1,2-Dichloroethane-d4
Concen: 45.504 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion: 65 Resp: 64599

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	100.2



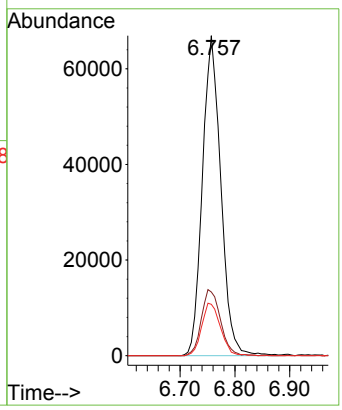


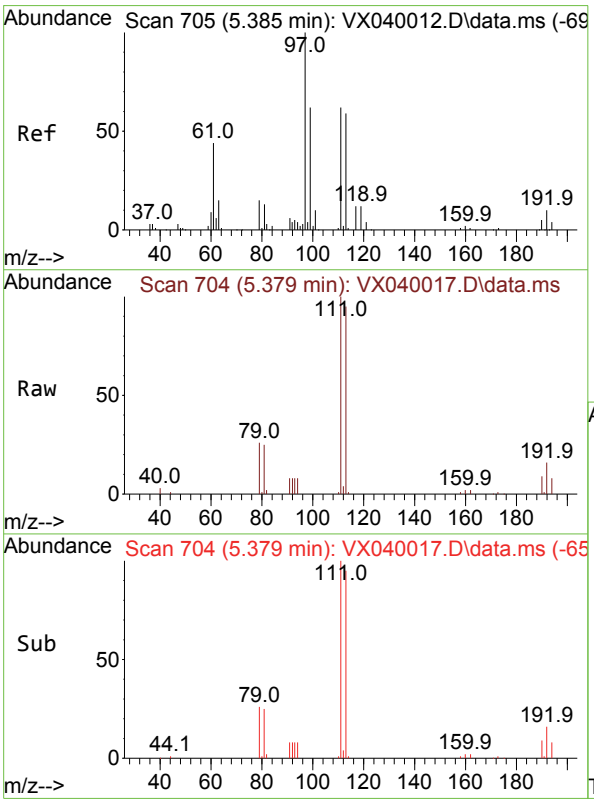
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion:114 Resp: 156155

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	45.0
88	16.1	0.0	36.6

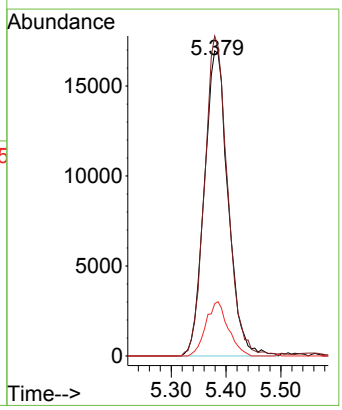


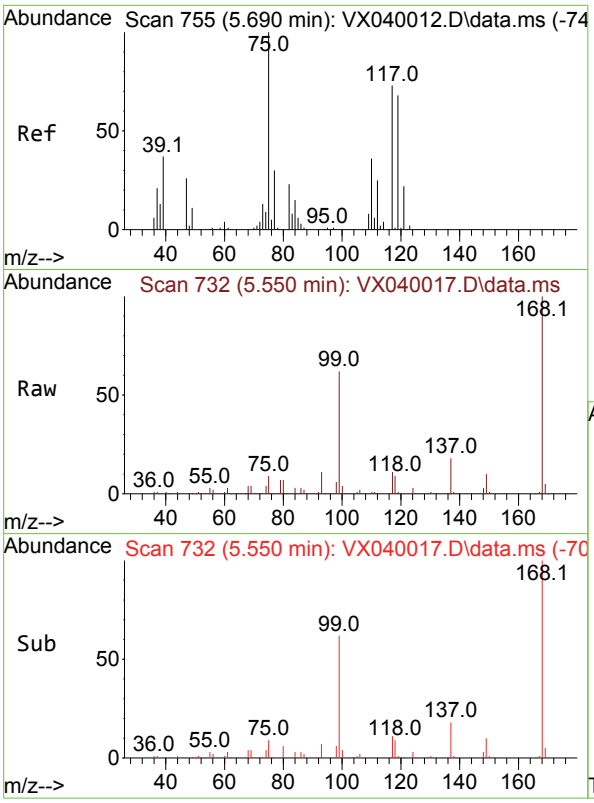


#35
Dibromofluoromethane
Concen: 47.986 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion:113 Resp: 51009

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	16.7	13.3	19.9



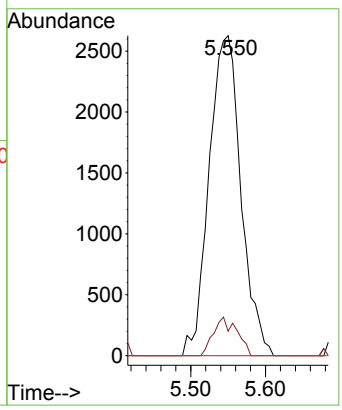


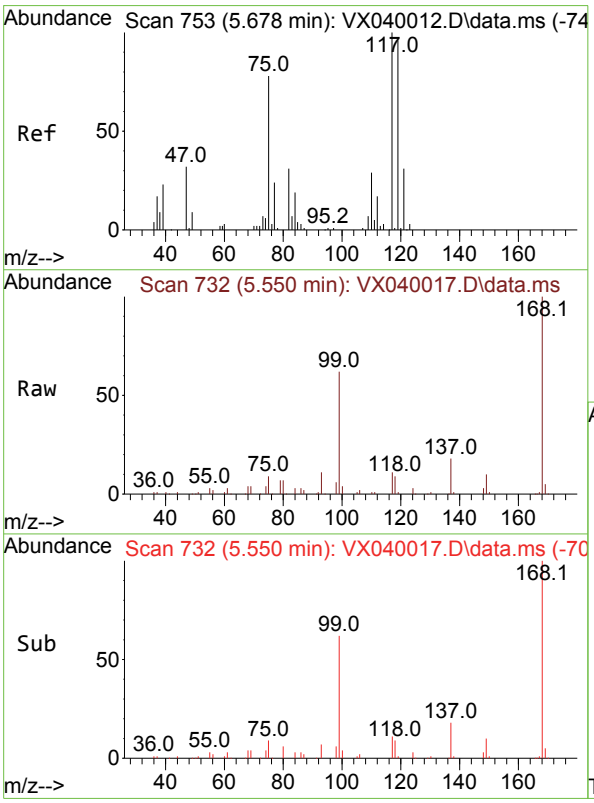
#36
1,1-Dichloropropene
Concen: 5.060 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion: 75 Resp: 7779

Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.0	50.9#
77	0.0	24.7	37.1#

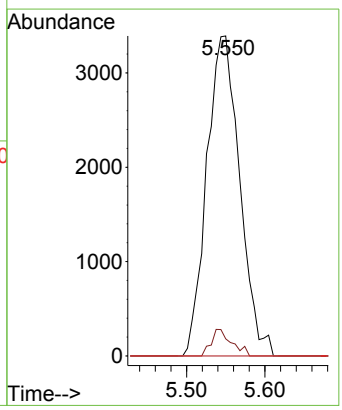


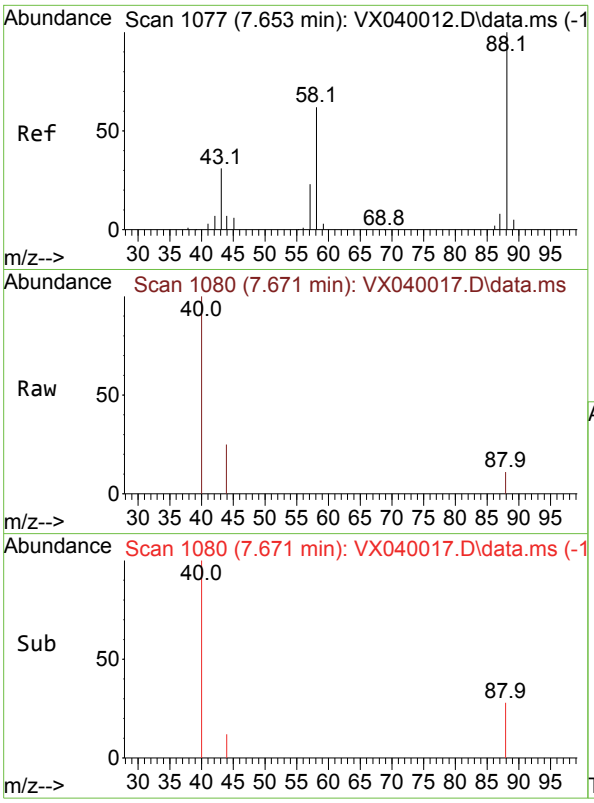


#38
Carbon Tetrachloride
Concen: 6.743 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion:117 Resp: 9919

Ion	Ratio	Lower	Upper
117	100		
119	5.4	78.2	117.2#
121	0.0	24.4	36.6#



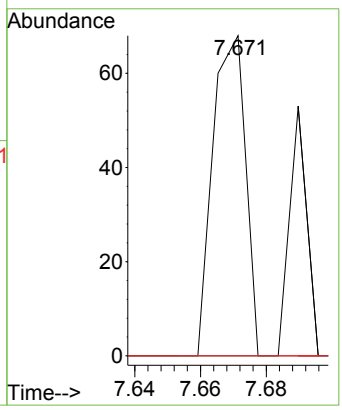


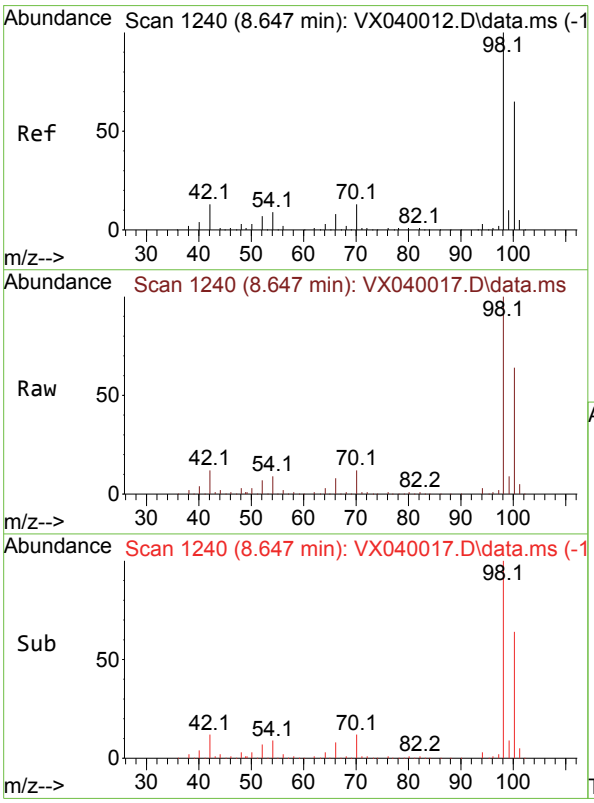
#49
1,4-Dioxane
Concen: 1.658 ug/l
RT: 7.671 min Scan# 1
Delta R.T. 0.018 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion: 88 Resp: 47

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

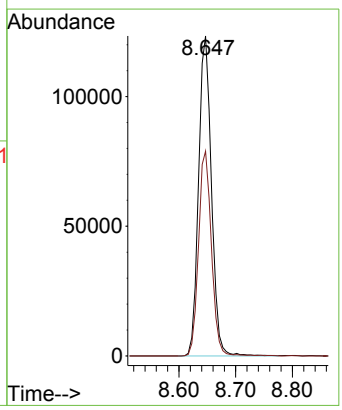


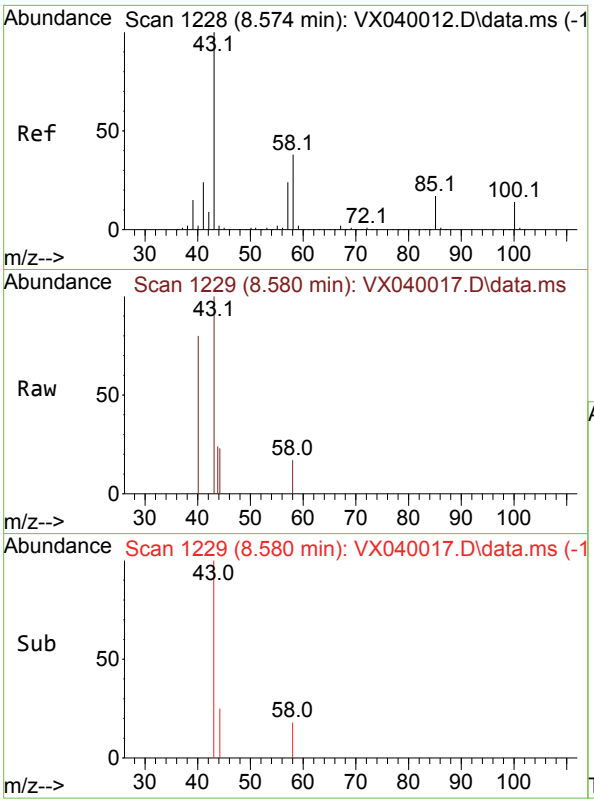


#50
Toluene-d8
Concen: 48.927 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion: 98 Resp: 194500

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.1	79.7



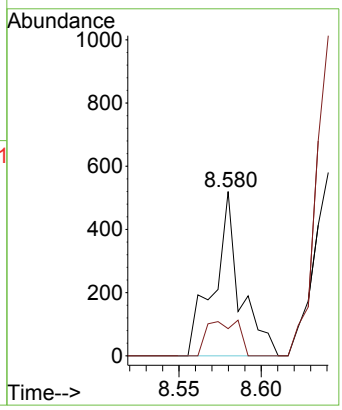


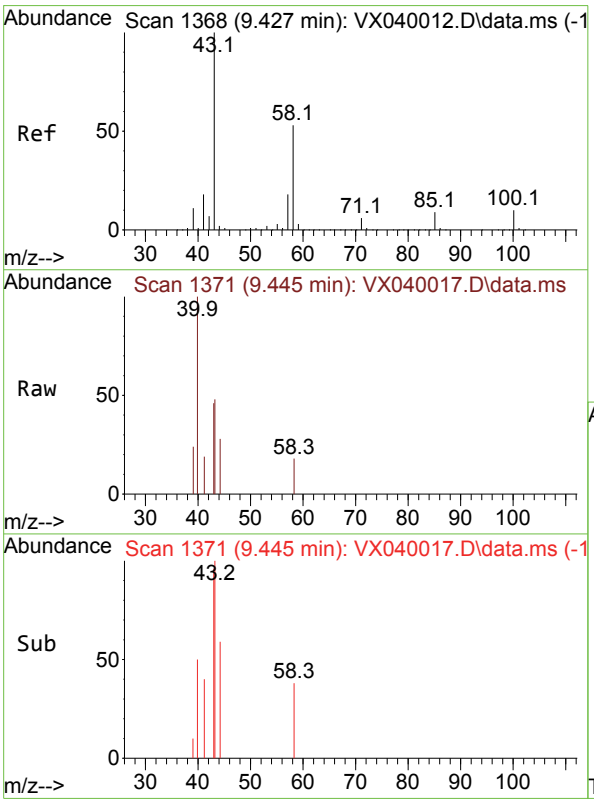
#51
4-Methyl-2-Pentanone
Concen: 0.320 ug/l
RT: 8.580 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion: 43 Resp: 579

Ion	Ratio	Lower	Upper
43	100		
58	25.7	30.4	45.6#

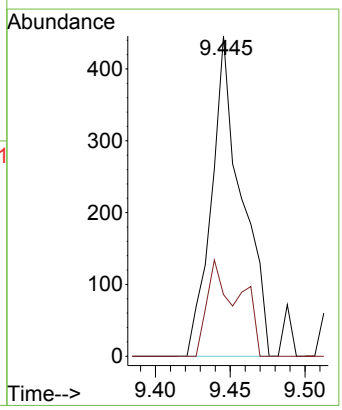


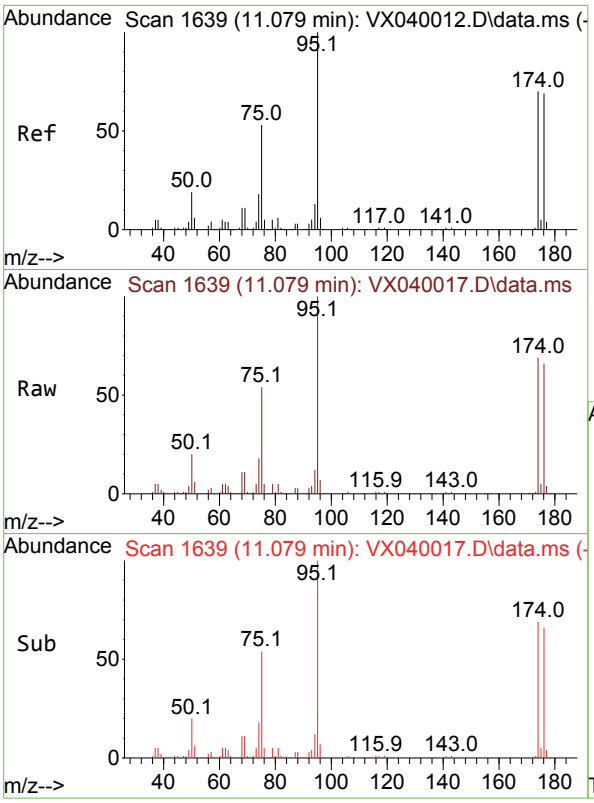


#59
2-Hexanone
Concen: 0.432 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion: 43 Resp: 623

Ion	Ratio	Lower	Upper
43	100		
58	31.8	26.2	78.5



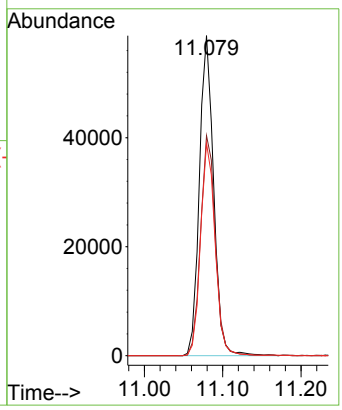


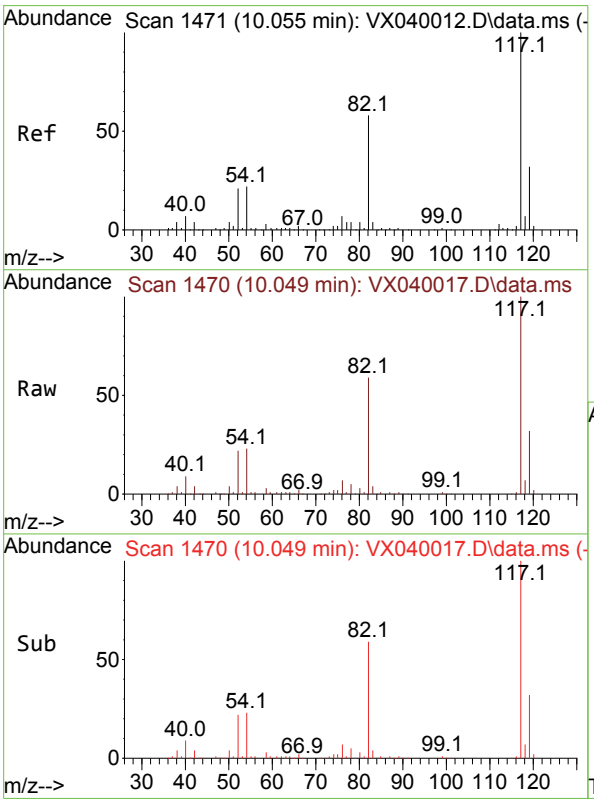
#62
4-Bromofluorobenzene
Concen: 48.347 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion: 95 Resp: 74005

Ion	Ratio	Lower	Upper
95	100		
174	71.4	0.0	135.6
176	67.9	0.0	131.0

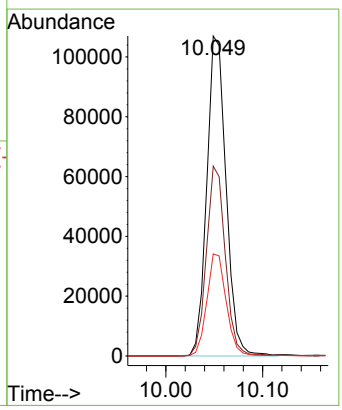


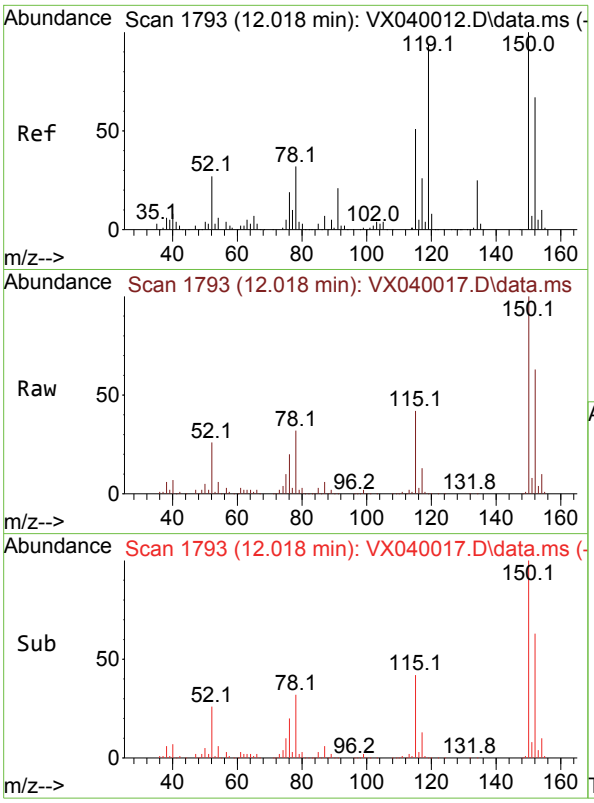


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion:117 Resp: 148346

Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.2	69.4
119	31.9	25.5	38.3



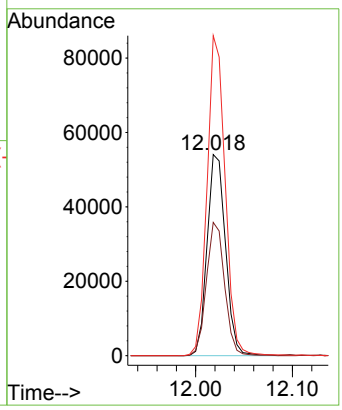


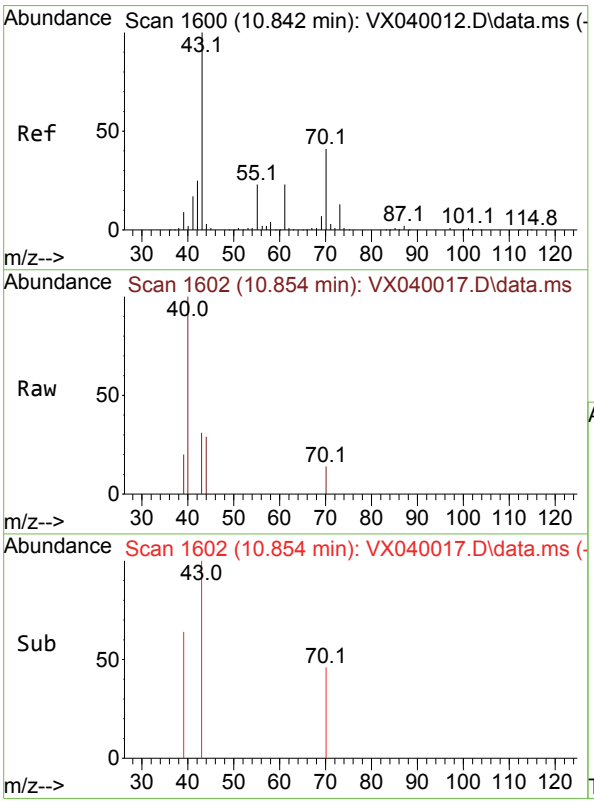
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion:152 Resp: 71681

Ion	Ratio	Lower	Upper
152	100		
115	65.5	43.3	129.9
150	156.2	0.0	345.0

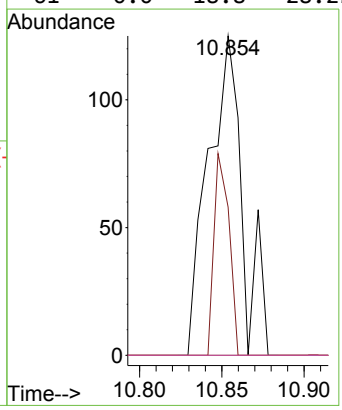


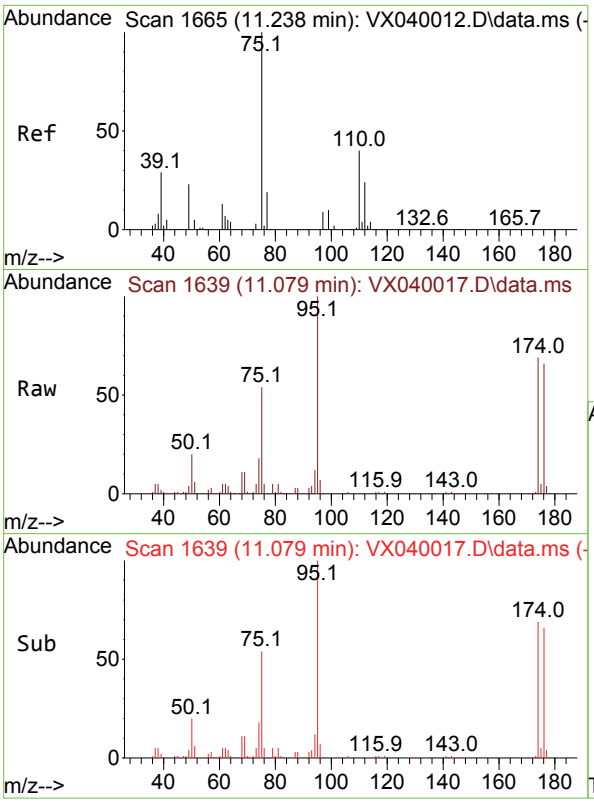


#74
N-amyl acetate
Concen: 0.276 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion: 43 Resp: 180

Ion	Ratio	Lower	Upper
43	100		
70	27.8	32.9	49.3#
55	0.0	19.3	28.9#
61	0.0	18.8	28.2#



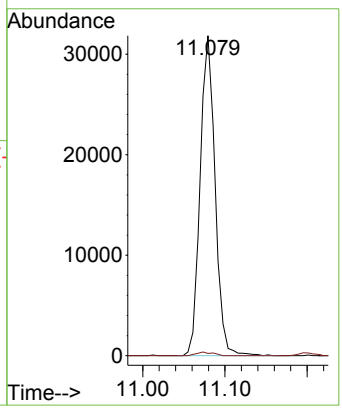


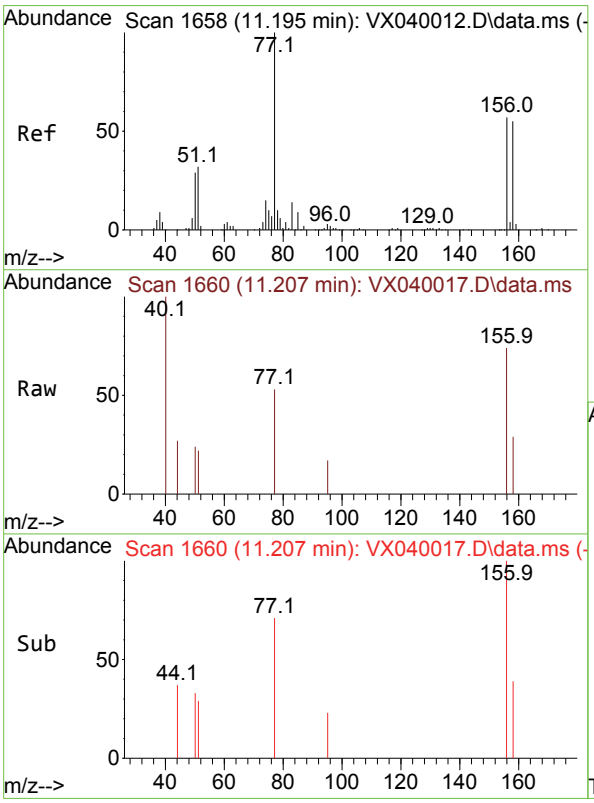
#76
1,2,3-Trichloropropane
Concen: 26.350 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.158 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion: 75 Resp: 40223

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#

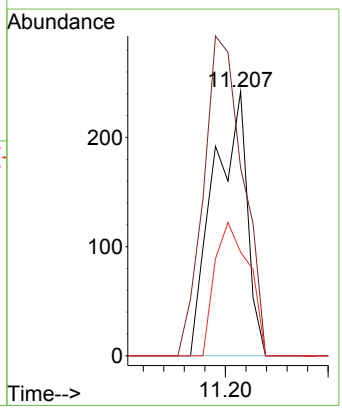


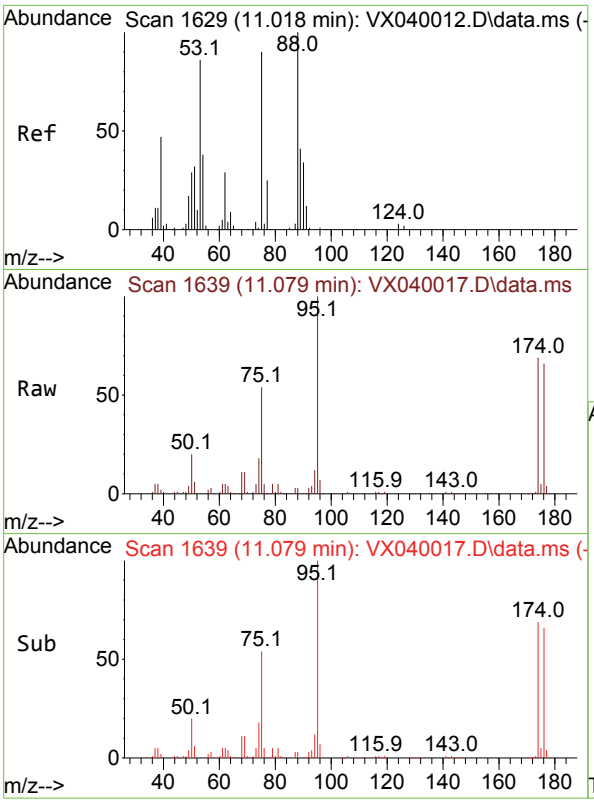


#77
Bromobenzene
Concen: 0.230 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.012 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion:156 Resp: 273

Ion	Ratio	Lower	Upper
156	100		
77	142.1	88.4	265.3
158	51.6	48.0	144.0



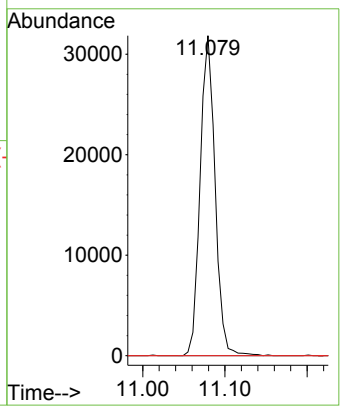


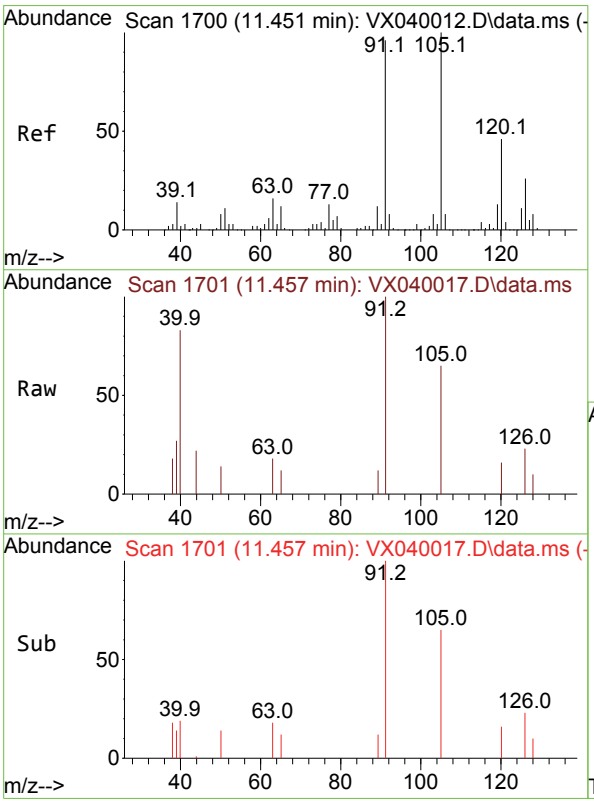
#81
trans-1,4-Dichloro-2-butene
Concen: 77.245 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion: 75 Resp: 40223

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

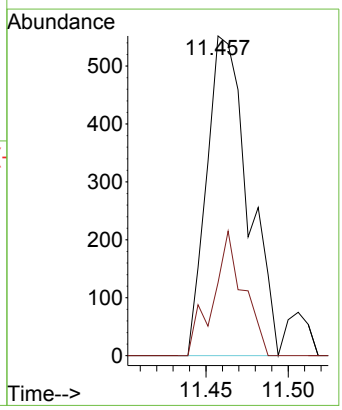


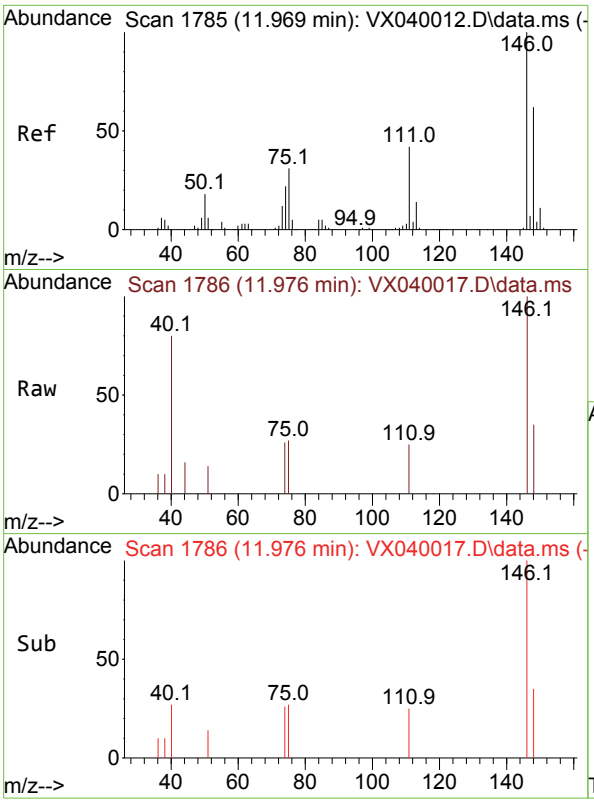


#82
4-Chlorotoluene
Concen: 0.220 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion: 91 Resp: 964

Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.2	42.6



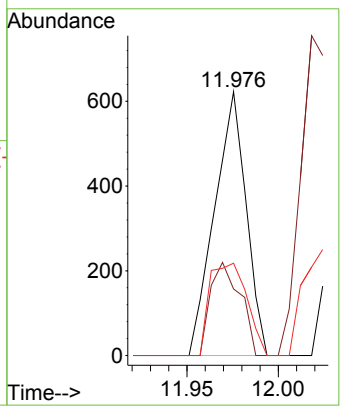


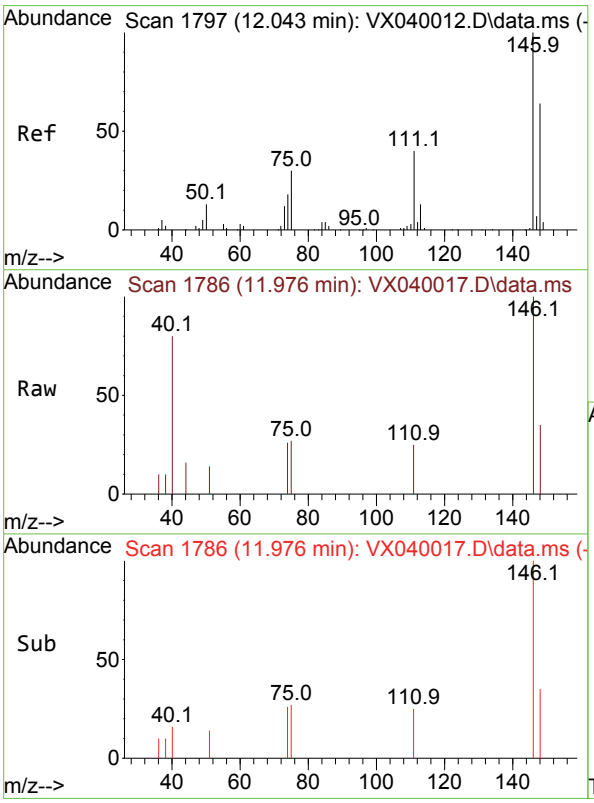
#87
1,3-Dichlorobenzene
Concen: 0.312 ug/l
RT: 11.976 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion:146 Resp: 748

Ion	Ratio	Lower	Upper
146	100		
111	33.3	22.1	66.1
148	41.3	31.8	95.3

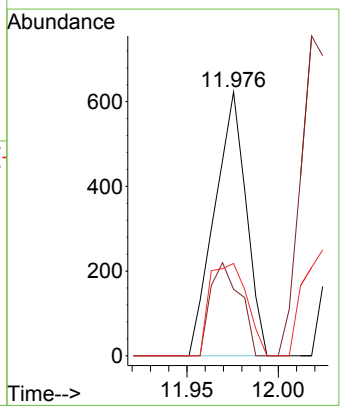


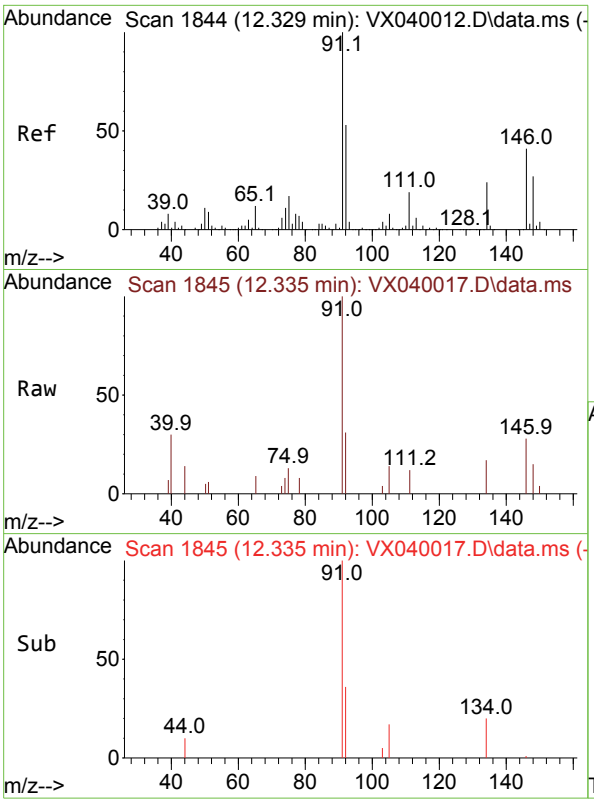


#88
1,4-Dichlorobenzene
Concen: 0.305 ug/l
RT: 11.976 min Scan# 1786
Delta R.T. -0.067 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion:146 Resp: 748

Ion	Ratio	Lower	Upper
146	100		
111	33.3	21.3	63.7
148	41.3	31.8	95.4



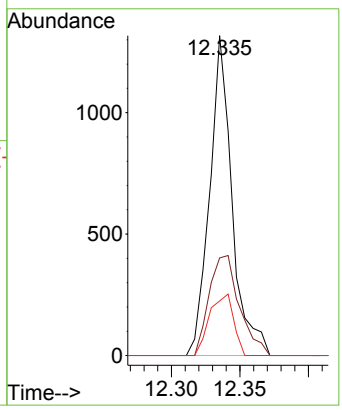


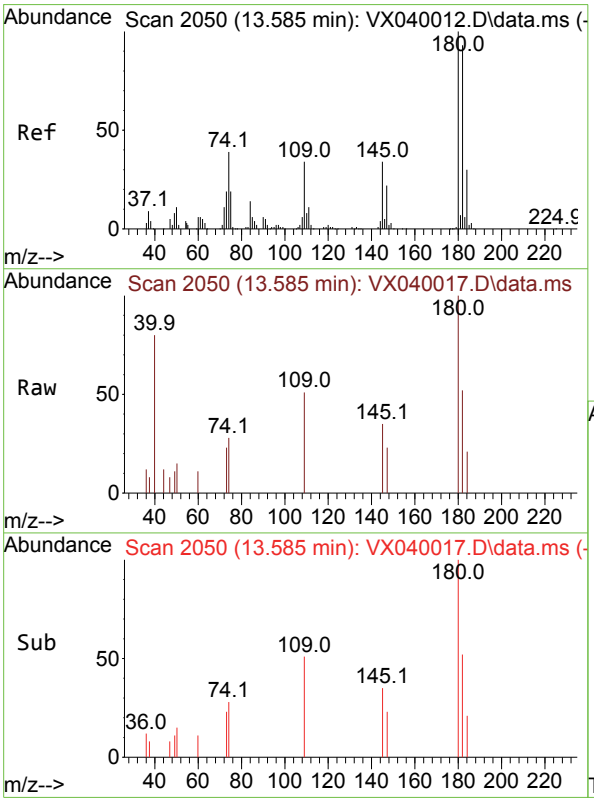
#89
n-Butylbenzene
Concen: 0.337 ug/l
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion: 91 Resp: 1499

Ion	Ratio	Lower	Upper
91	100		
92	42.4	27.4	82.0
134	20.5	12.6	37.8

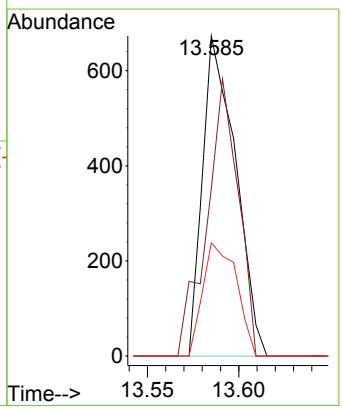


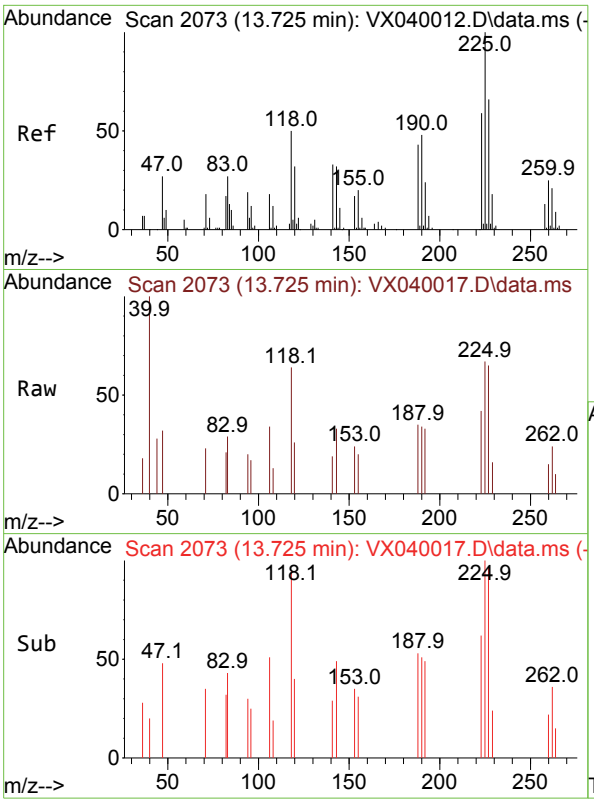


#93
1,2,4-Trichlorobenzene
Concen: 0.586 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion:180 Resp: 846

Ion	Ratio	Lower	Upper
180	100		
182	82.5	48.3	144.8
145	36.1	18.0	54.0



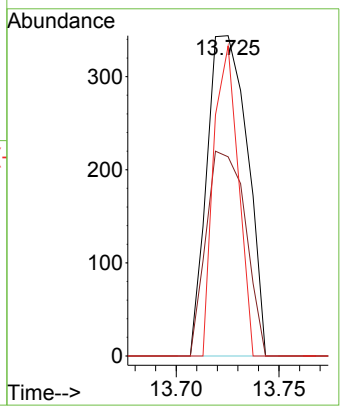


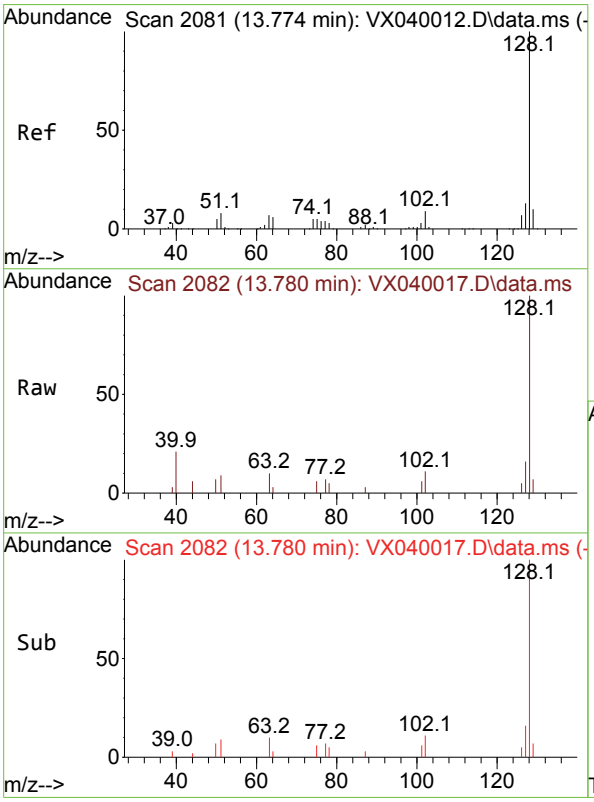
#94
Hexachlorobutadiene
Concen: 0.825 ug/l
RT: 13.725 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion:225 Resp: 469

Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.2
227	59.1	32.5	97.5

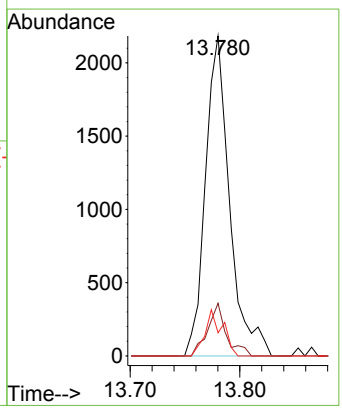


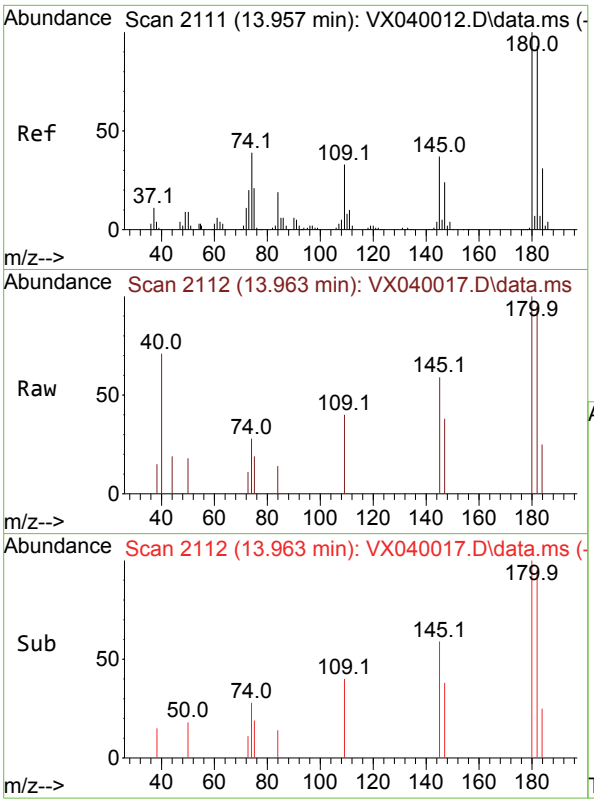


#95
Naphthalene
Concen: 0.682 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Tgt Ion:128 Resp: 3343

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.5	8.8	13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.502 ug/l
RT: 13.963 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX040017.D
Acq: 30 Jan 2024 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0130MBL01

Tgt Ion:180 Resp: 717

Ion	Ratio	Lower	Upper
180	100		
182	102.8	46.9	140.6
145	49.4	17.8	53.5