Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
Data File : VX043191.D
Acq On : 30 Sep 2024 12:19
Operator : JC/MD
Sample : VX0930MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 01 01:48:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	90976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	175522	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	153661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76536	50.647	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.300%			
35) Dibromofluoromethane	5.385	113	59110	47.739	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.480%			
50) Toluene-d8	8.647	98	211590	50.510	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.020%			
62) 4-Bromofluorobenzene	11.079	95	76779	45.512	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.020%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	199	0.344	ug/l #	73
11) Tert butyl alcohol	2.947	59	3670	10.877	ug/l #	71
13) Acrolein	2.233	56	166	3.734	ug/l #	1
14) Allyl chloride	2.660	41	370	0.207	ug/l #	49
15) Acrylonitrile	3.087	53	506	0.865	ug/l #	84
16) Acetone	2.392	43	943	1.334	ug/l	99
17) Carbon Disulfide	2.508	76	1402	0.585	ug/l	100
18) Methyl Acetate	2.703	43	594	0.312	ug/l #	51
20) Methylene Chloride	2.794	84	361	0.321	ug/l #	57
21) trans-1,2-Dichloroethene	3.087	96	284	0.285	ug/l #	88
23) Vinyl Acetate	3.739	43	1170	0.297	ug/l #	72
29) Tetrahydrofuran	5.032	42	225	0.411	ug/l #	31
31) Cyclohexane	5.544	56	2378	1.600	ug/l #	19
36) 1,1-Dichloropropene	5.544	75	8107	5.328	ug/l #	49
38) Carbon Tetrachloride	5.538	117	9980	5.092	ug/l #	15
49) 1,4-Dioxane	7.702	88	54	1.825	ug/l #	44
51) 4-Methyl-2-Pentanone	8.580	43	579	0.295	ug/l #	82
59) 2-Hexanone	9.464	43	710	0.463	ug/l #	53
68) m/p-Xylenes	10.305	106	507	0.238	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	41674	28.986	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	41674	69.062	ug/l #	7
87) 1,3-Dichlorobenzene	11.969	146	460	0.207	ug/l	86
88) 1,4-Dichlorobenzene	11.969	146	460	0.207	ug/l	87
89) n-Butylbenzene	12.335	91	825	0.215	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	469	0.215	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	813	0.600	ug/l	96
95) Naphthalene	13.780	128	6124	1.300	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1072	0.796	ug/l	95

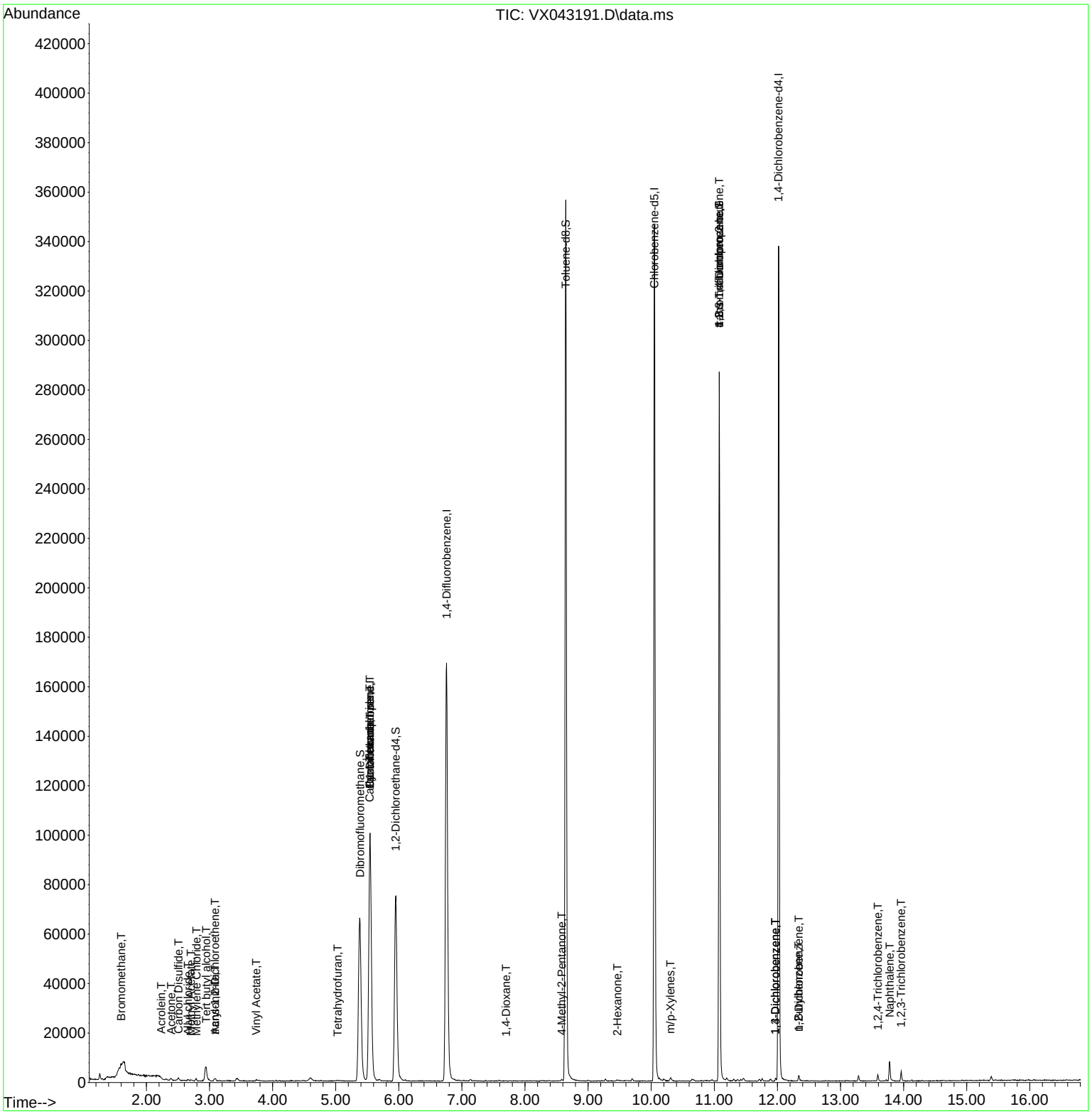
(#) = qualifier out of range (m) = manual integration (+) = signals summed

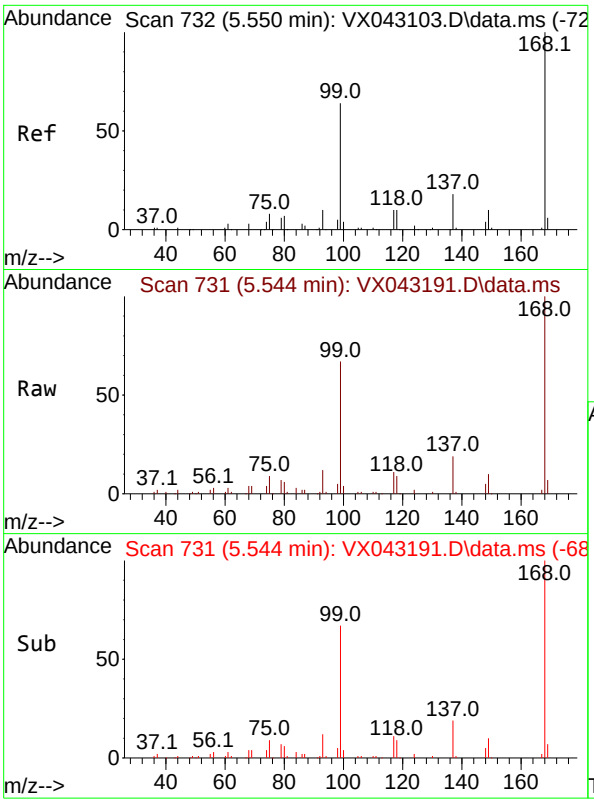
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093024\
Data File : VX043191.D
Acq On : 30 Sep 2024 12:19
Operator : JC/MD
Sample : VX0930MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 01 01:48:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration



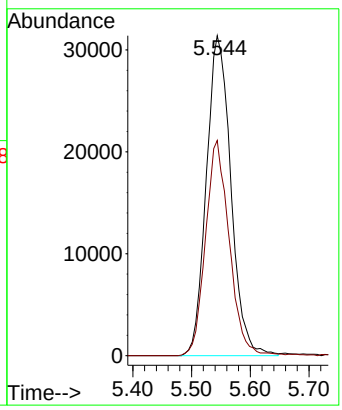


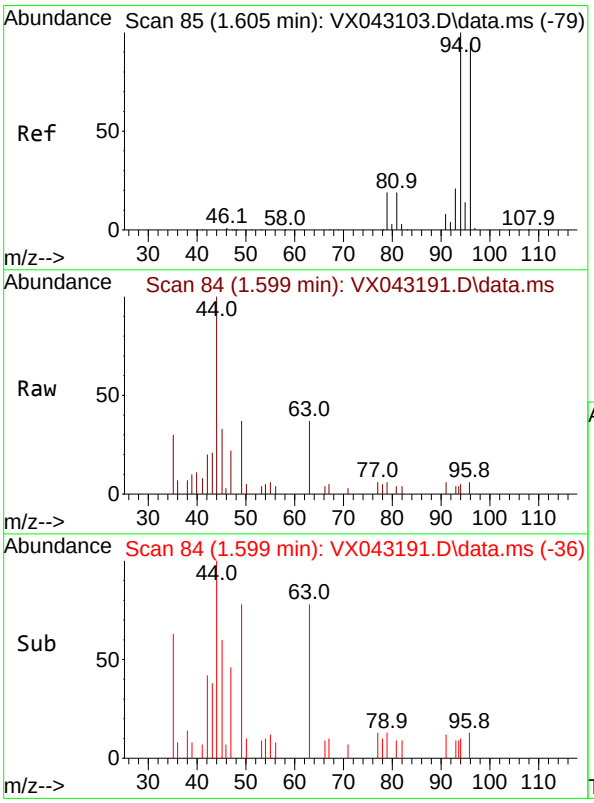
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 90976

Ion	Ratio	Lower	Upper
168	100		
99	67.3	50.8	76.2

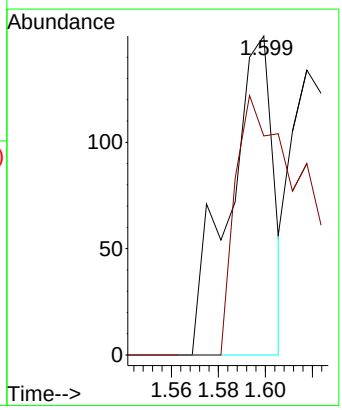


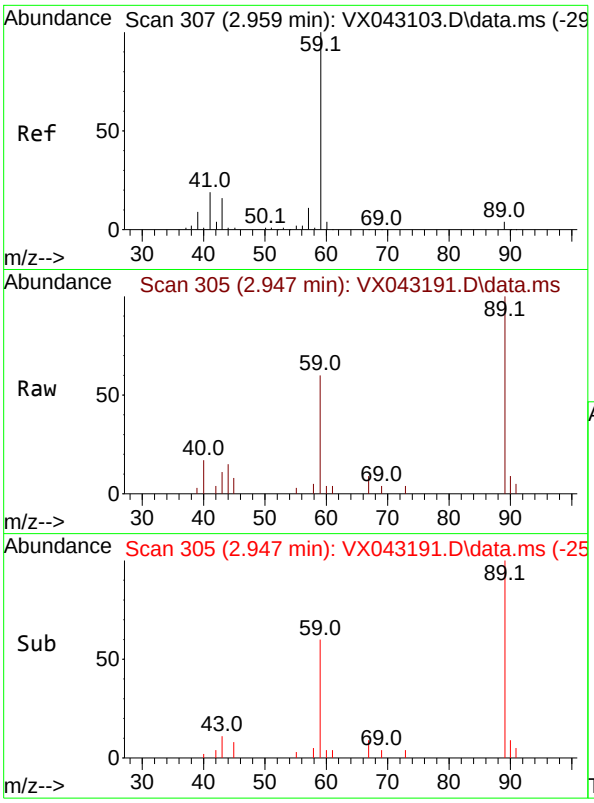


#5
Bromomethane
Concen: 0.344 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 94 Resp: 199

Ion	Ratio	Lower	Upper
94	100		
96	68.7	76.2	114.4#



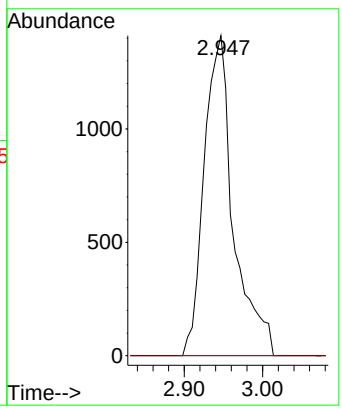


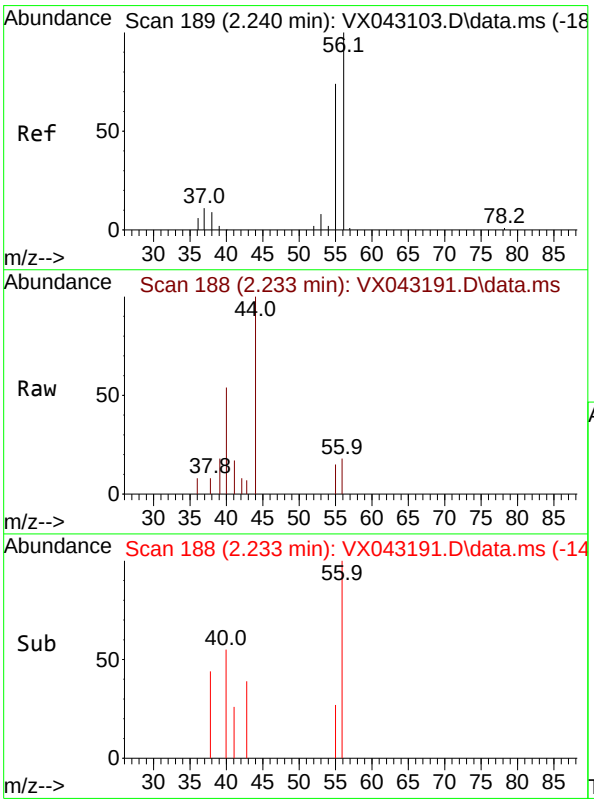
#11
Tert butyl alcohol
Concen: 10.877 ug/l
RT: 2.947 min Scan# 3
Delta R.T. -0.012 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 59 Resp: 3670

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.6	13.0#

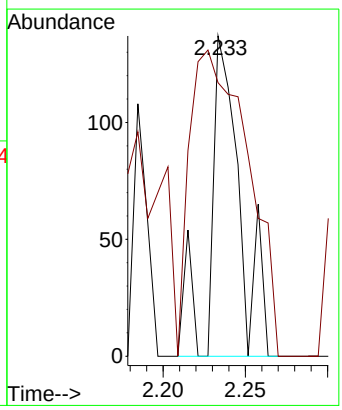


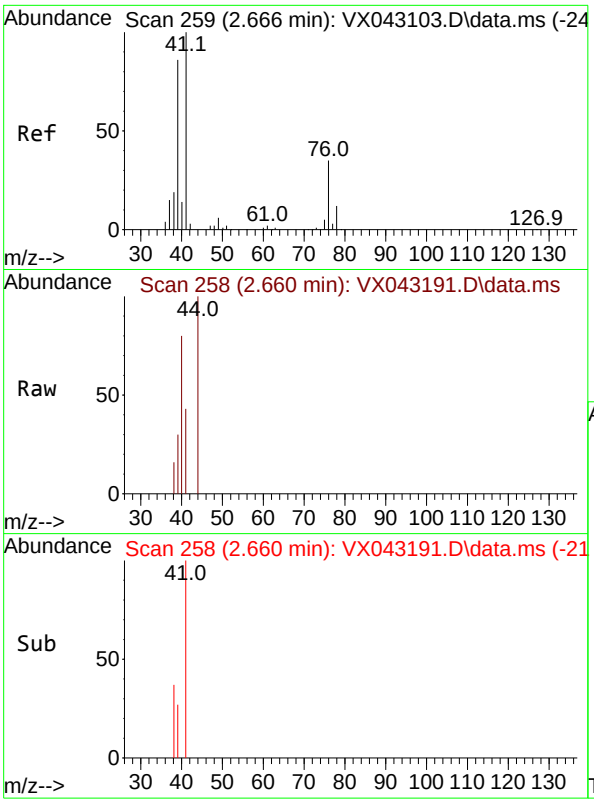


#13
Acrolein
Concen: 3.734 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 56 Resp: 166

Ion	Ratio	Lower	Upper
56	100		
55	195.2	55.8	83.6#



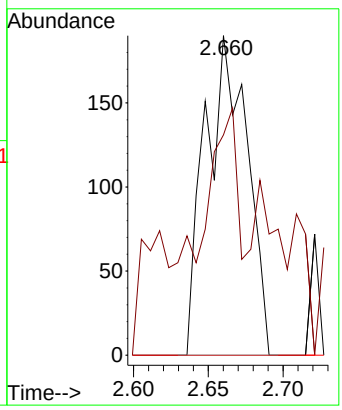


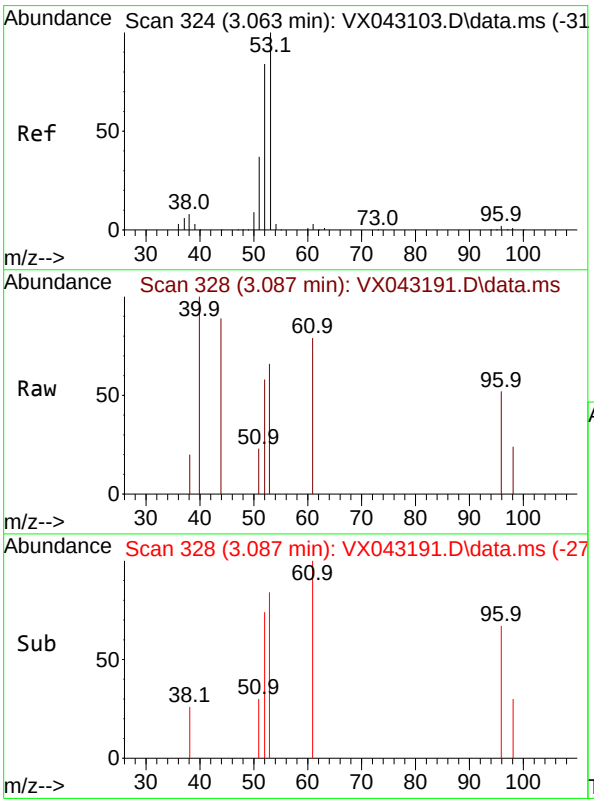
#14
Allyl chloride
Concen: 0.207 ug/l
RT: 2.660 min Scan# 2
Delta R.T. -0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 41 Resp: 370

Ion	Ratio	Lower	Upper
41	100		
39	37.6	61.7	92.5#
76	0.0	29.0	43.6#

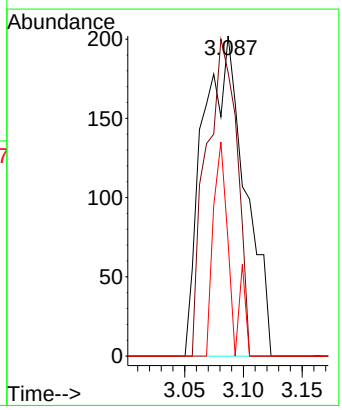


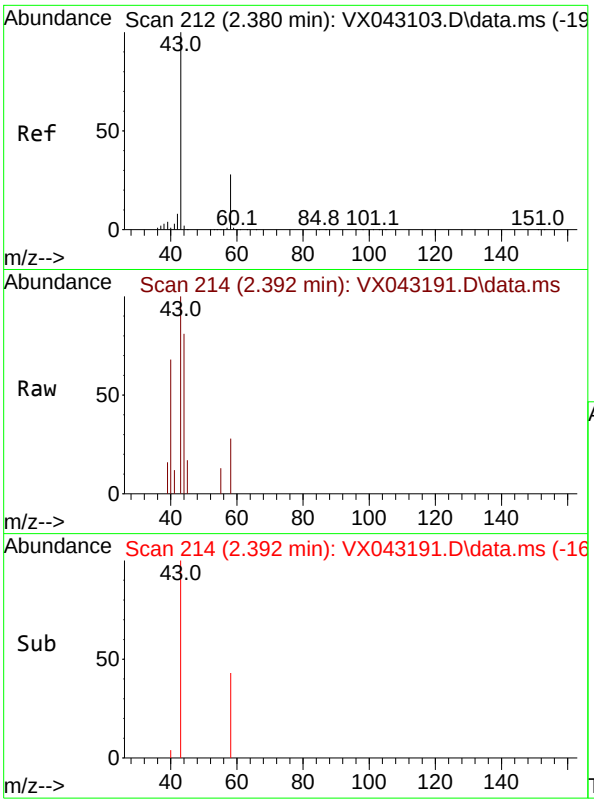


#15
Acrylonitrile
Concen: 0.865 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.024 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 53 Resp: 506

Ion	Ratio	Lower	Upper
53	100		
52	71.9	67.8	101.6
51	26.1	30.6	45.8#



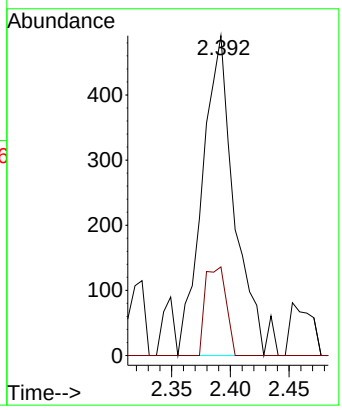


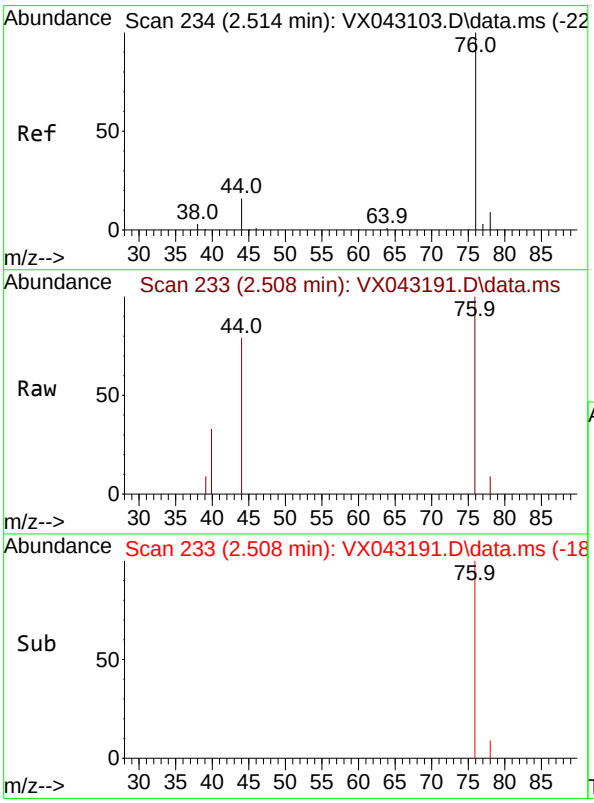
#16
Acetone
Concen: 1.334 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 943

Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.6	34.0

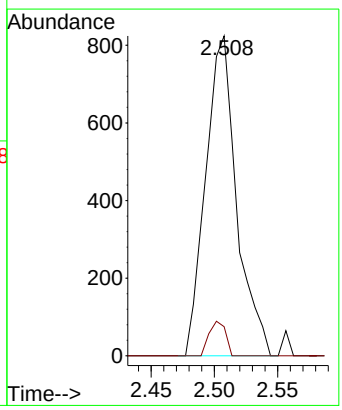


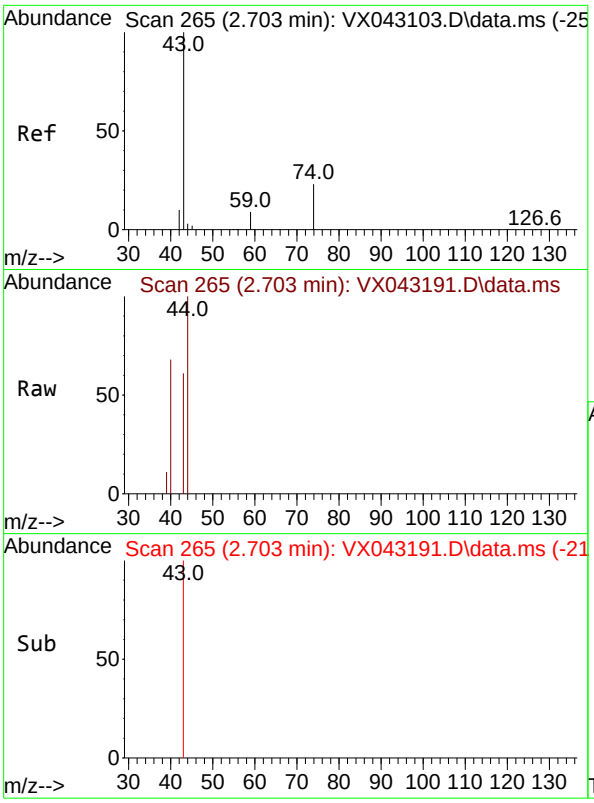


#17
Carbon Disulfide
Concen: 0.585 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 76 Resp: 1402

Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8



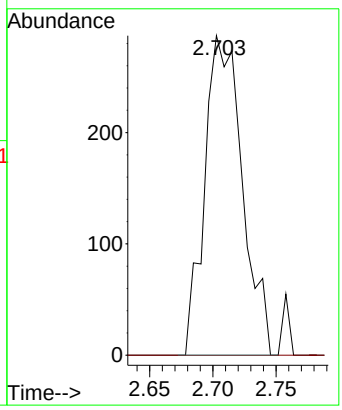


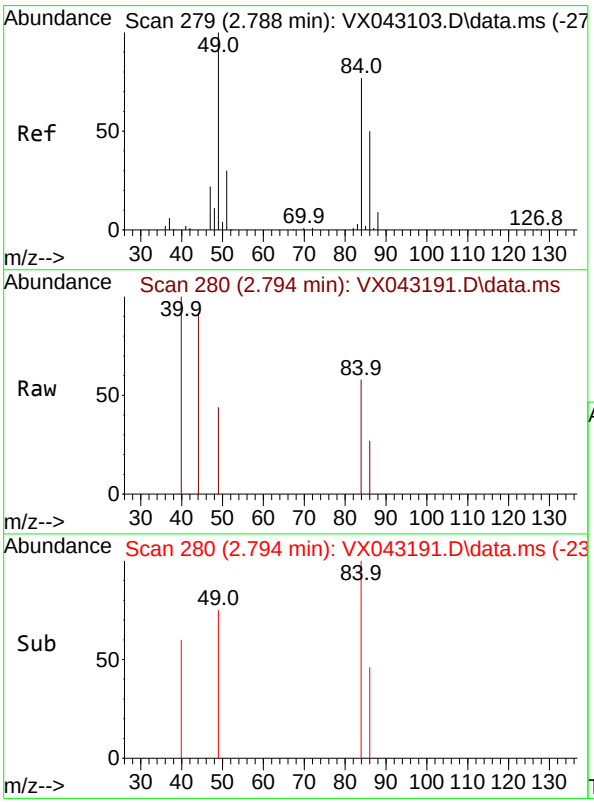
#18
Methyl Acetate
Concen: 0.312 ug/l
RT: 2.703 min Scan# 2
Delta R.T. -0.000 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 594

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.2	28.8#

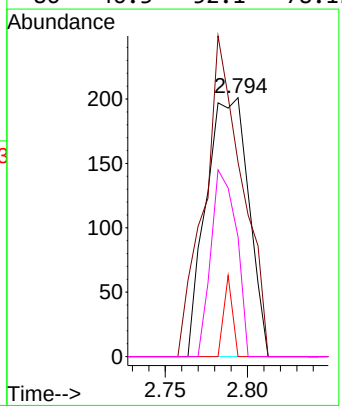


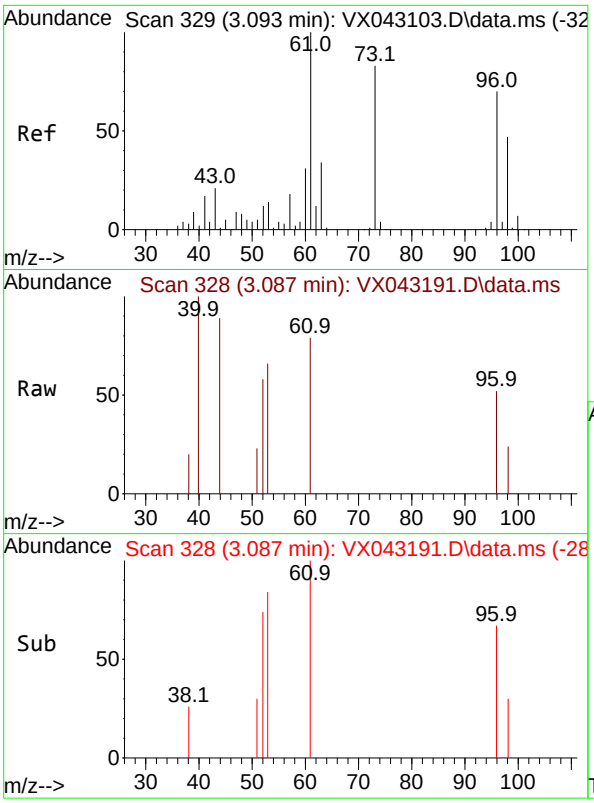


#20
Methylene Chloride
Concen: 0.321 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 84 Resp: 361

Ion	Ratio	Lower	Upper
84	100		
49	75.1	104.1	156.1#
51	0.0	31.1	46.7#
86	46.3	52.1	78.1#



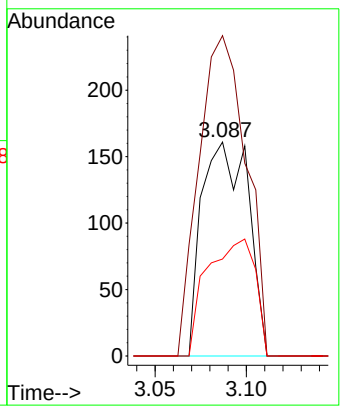


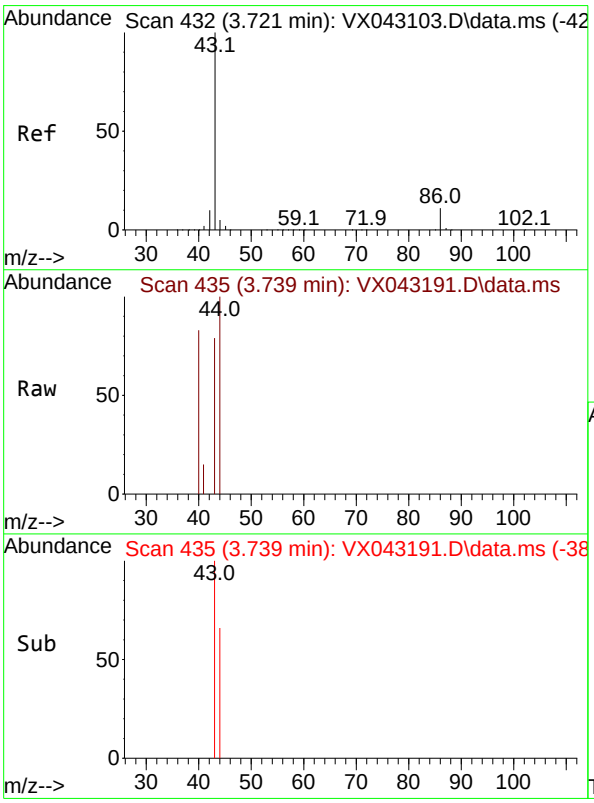
#21
trans-1,2-Dichloroethene
Concen: 0.285 ug/l
RT: 3.087 min Scan# 3
Delta R.T. -0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 96 Resp: 284

Ion	Ratio	Lower	Upper
96	100		
61	149.7	114.5	171.7
98	45.3	53.8	80.6#

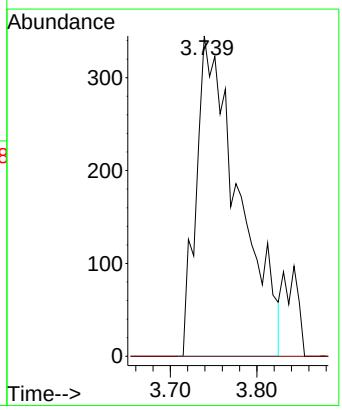


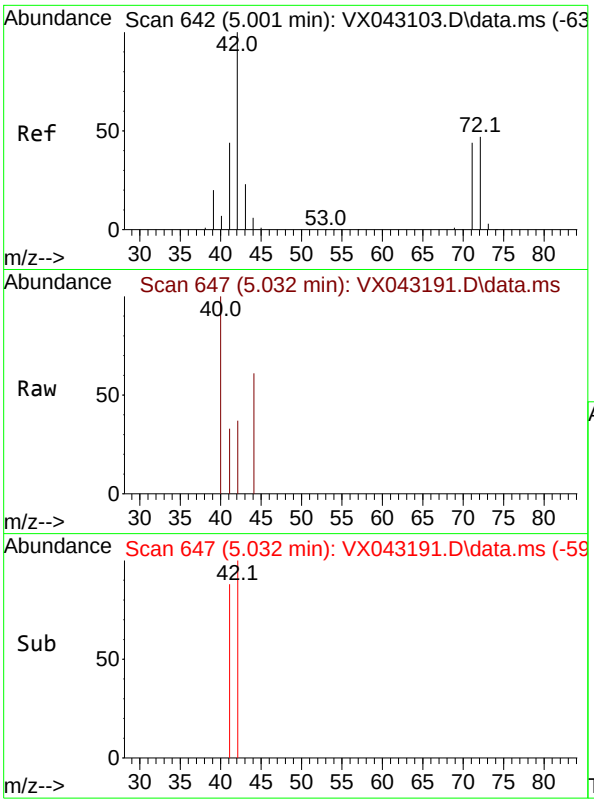


#23
Vinyl Acetate
Concen: 0.297 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.018 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 43 Resp: 1170

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#



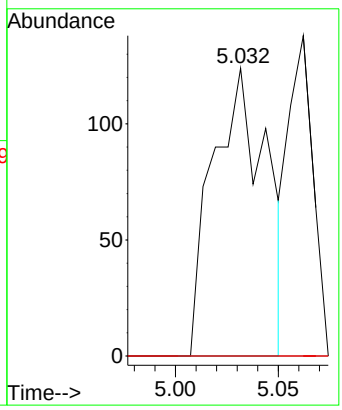


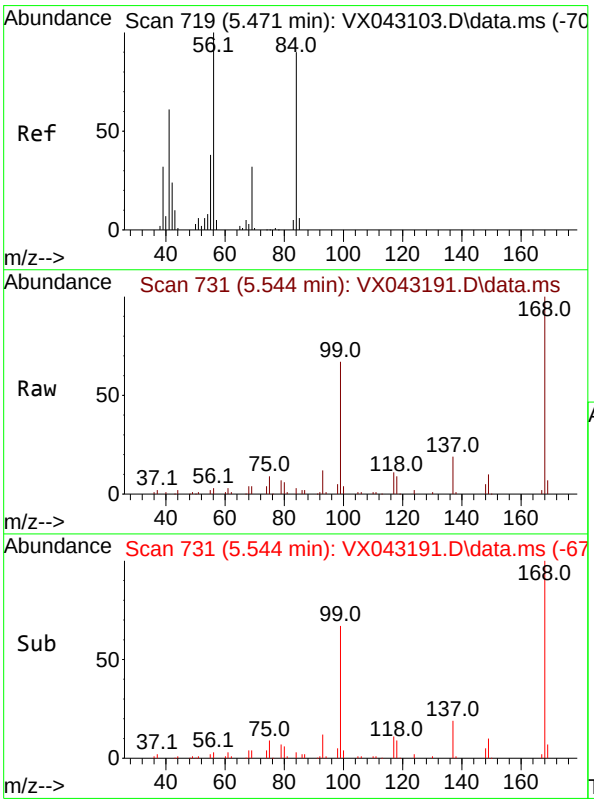
#29
Tetrahydrofuran
Concen: 0.411 ug/l
RT: 5.032 min Scan# 64
Delta R.T. 0.030 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 42 Resp: 225

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.6	56.4#
71	0.0	34.8	52.2#

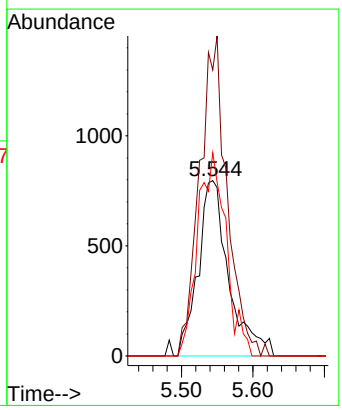


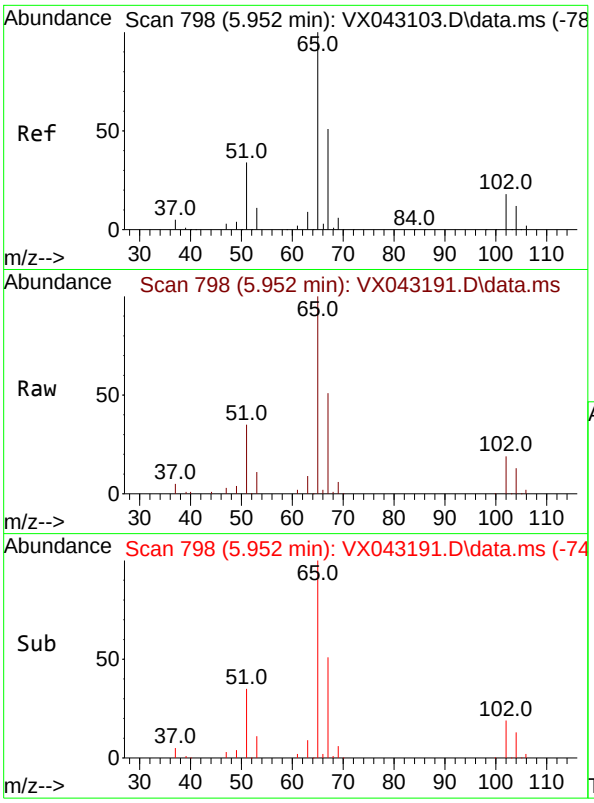


#31
Cyclohexane
Concen: 1.600 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 56 Resp: 2378

Ion	Ratio	Lower	Upper
56	100		
69	163.0	25.8	38.6#
84	115.8	72.4	108.6#



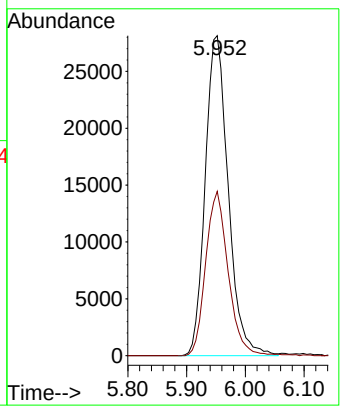


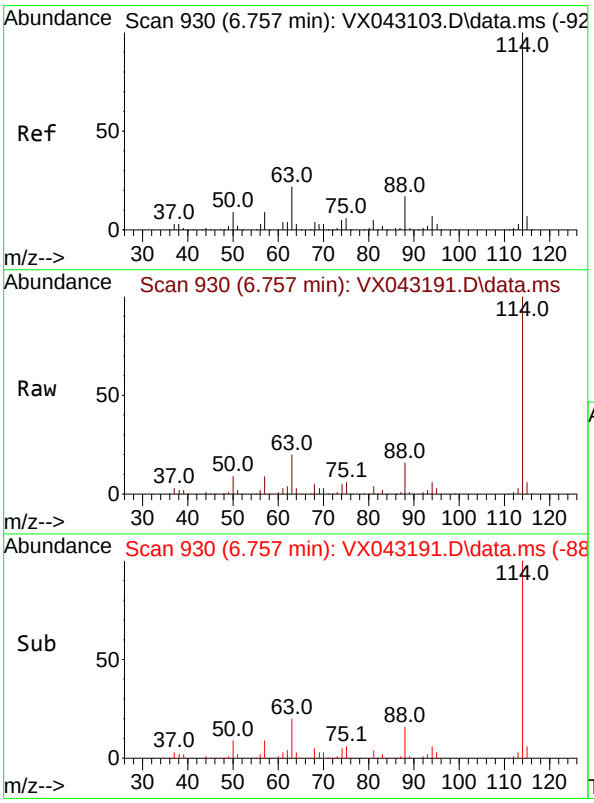
#33
1,2-Dichloroethane-d4
Concen: 50.647 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 65 Resp: 76536

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	99.0

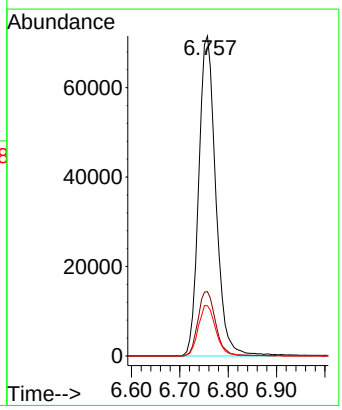


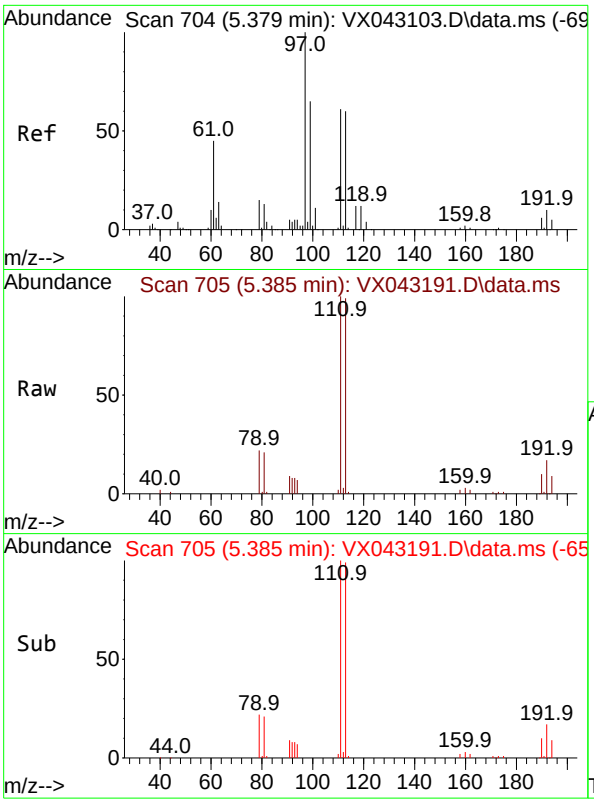


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion:114 Resp: 175522

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.2
88	15.7	0.0	33.4



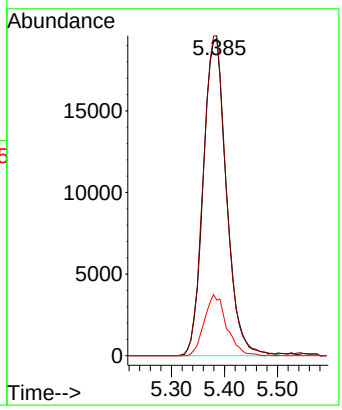


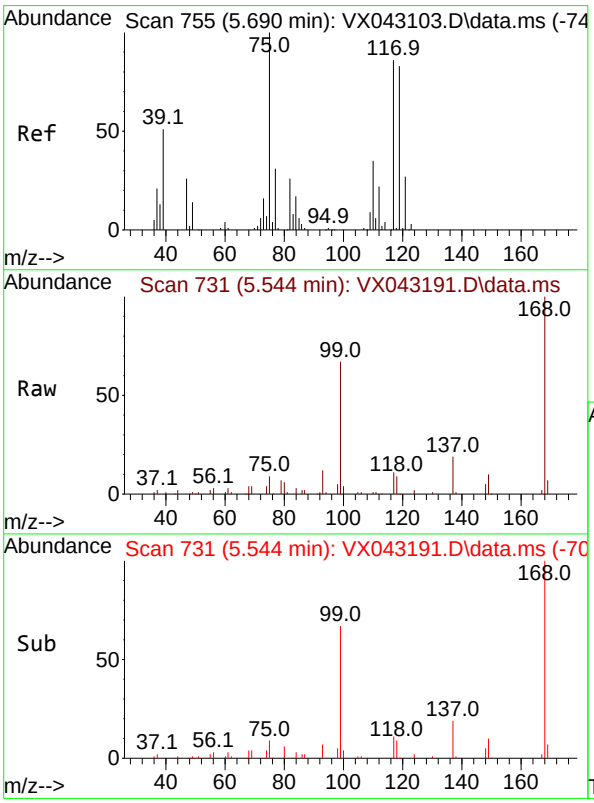
#35
Dibromofluoromethane
Concen: 47.739 ug/l
RT: 5.385 min Scan# 7(
Delta R.T. 0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:113 Resp: 59110

Ion	Ratio	Lower	Upper
113	100		
111	100.7	82.6	124.0
192	18.5	14.6	22.0

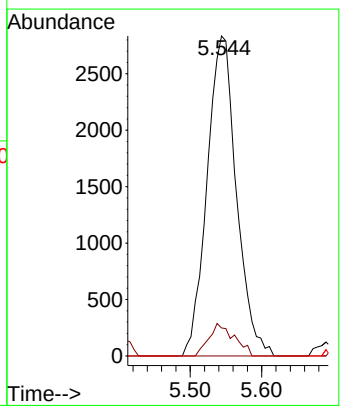


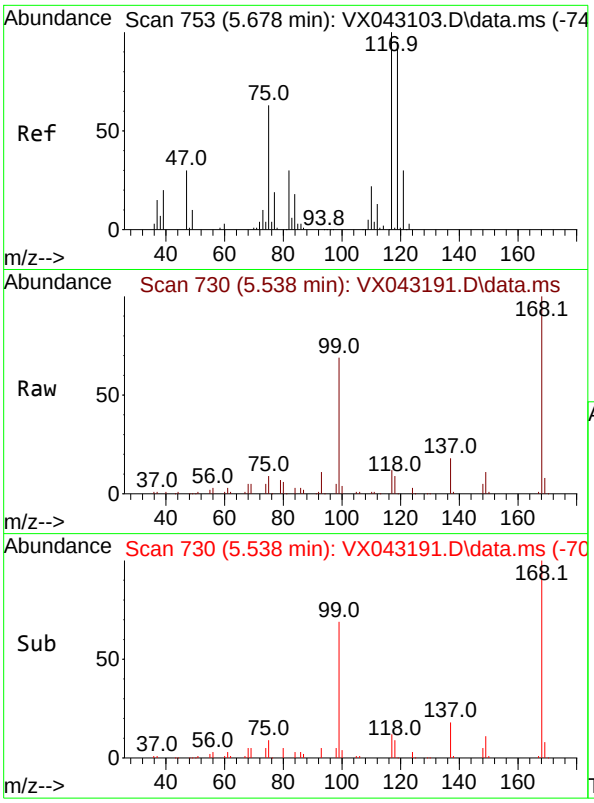


#36
1,1-Dichloropropene
Concen: 5.328 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 75 Resp: 8107

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.8	53.4#
77	0.0	25.2	37.8#



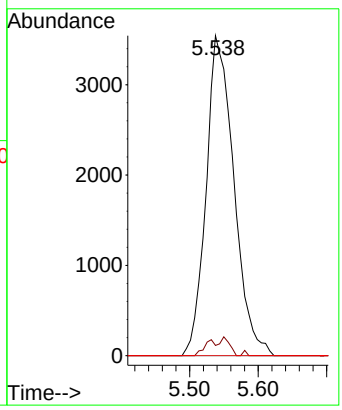


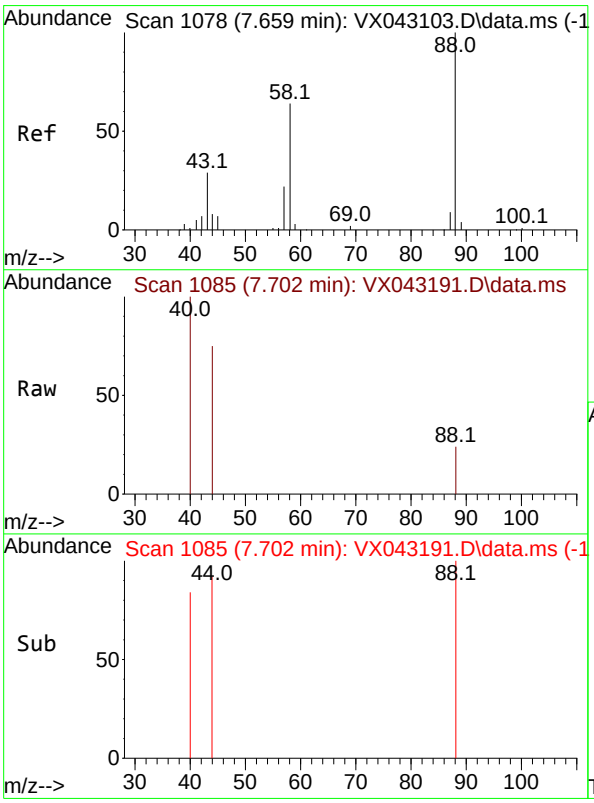
#38
Carbon Tetrachloride
Concen: 5.092 ug/l
RT: 5.538 min Scan# 7
Delta R.T. -0.140 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 9980

Ion	Ratio	Lower	Upper
117	100		
119	3.2	75.5	113.3#
121	0.0	24.2	36.2#

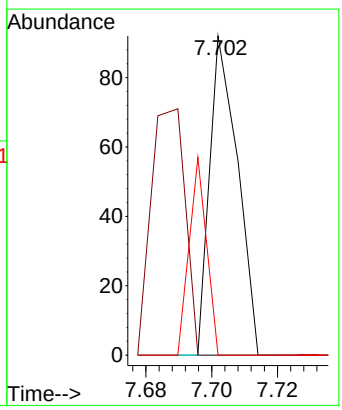


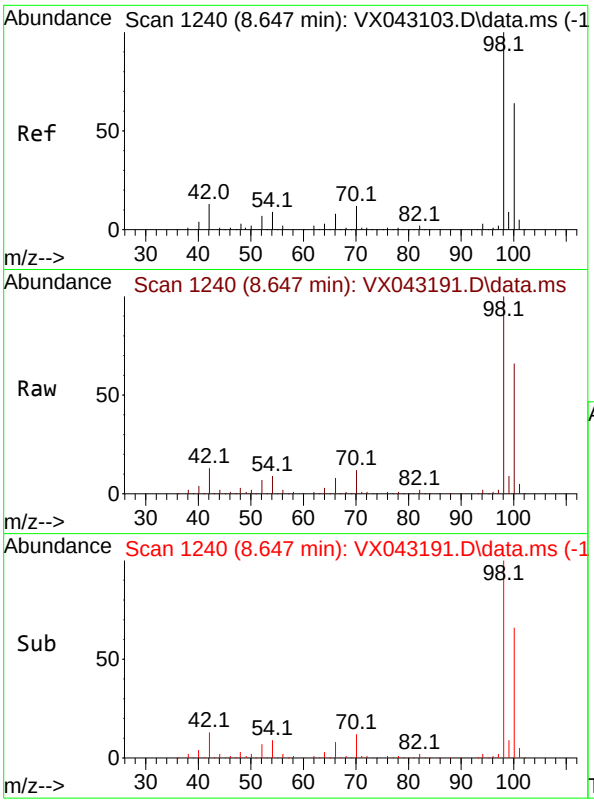


#49
1,4-Dioxane
Concen: 1.825 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.043 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 88 Resp: 54

Ion	Ratio	Lower	Upper
88	100		
43	94.4	29.5	44.3#
58	38.9	52.5	78.7#



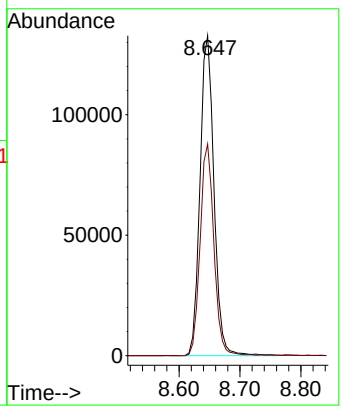


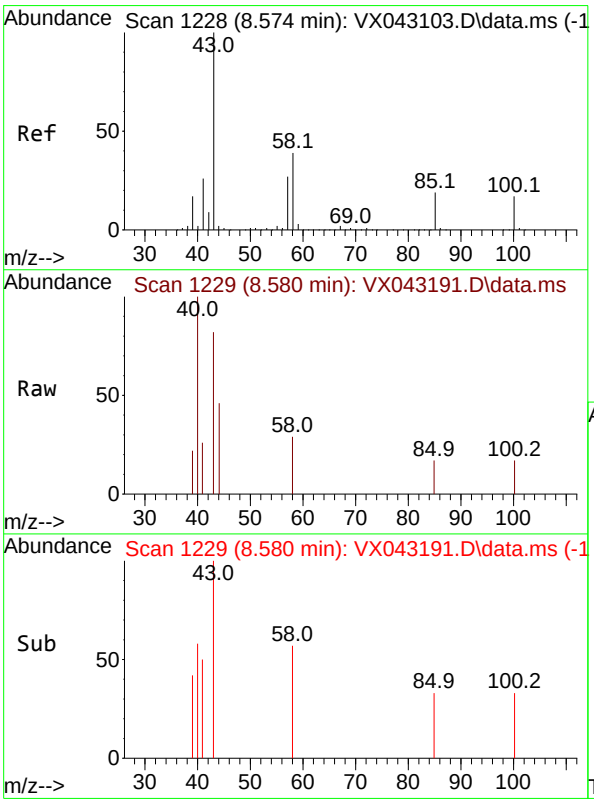
#50
Toluene-d8
Concen: 50.510 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 98 Resp: 211590

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.2	78.4

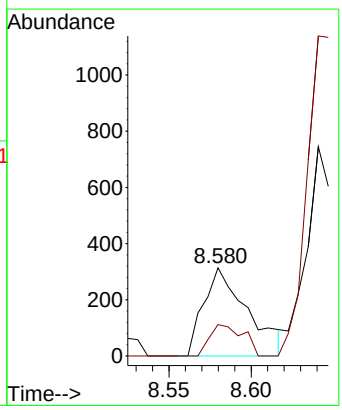


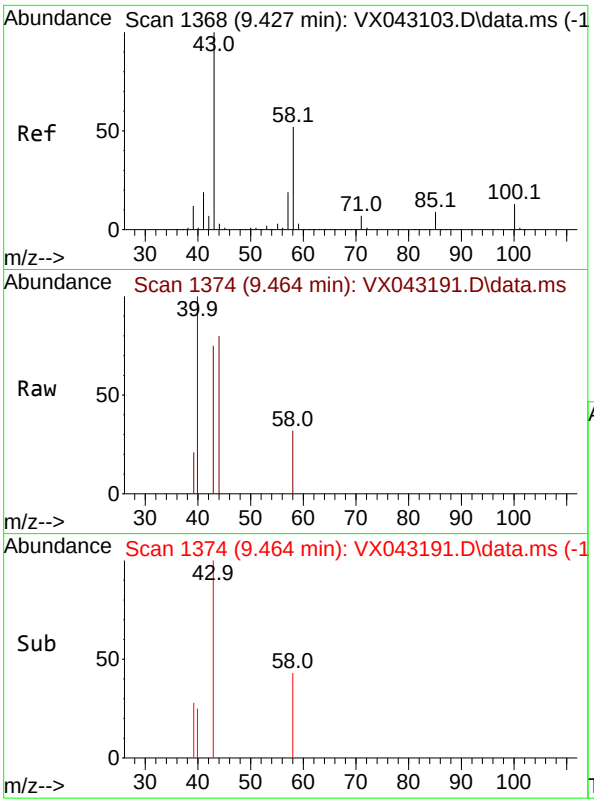


#51
4-Methyl-2-Pentanone
Concen: 0.295 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 43 Resp: 579

Ion	Ratio	Lower	Upper
43	100		
58	27.3	30.3	45.5#



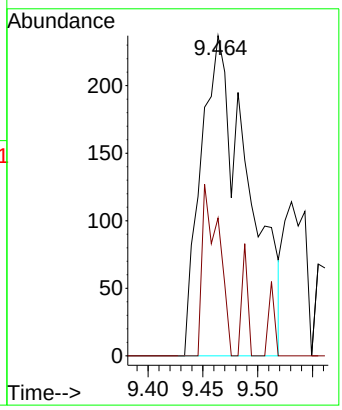


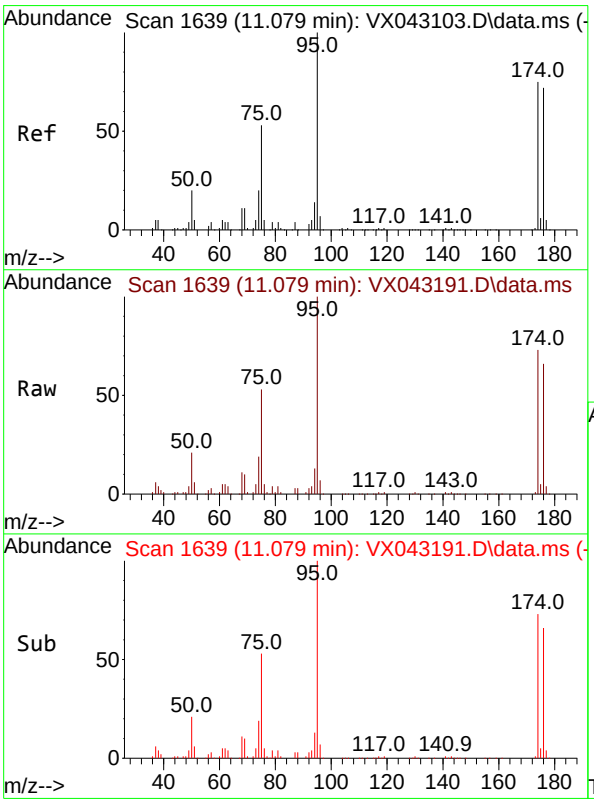
#59
2-Hexanone
Concen: 0.463 ug/l
RT: 9.464 min Scan# 1
Delta R.T. 0.037 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 710

Ion	Ratio	Lower	Upper
43	100		
58	18.7	26.1	78.2#

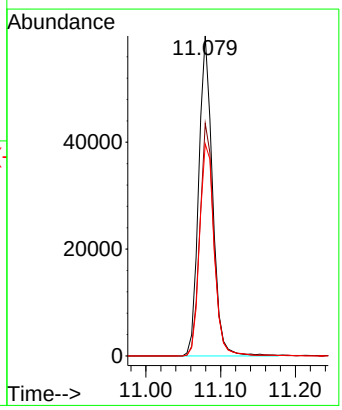


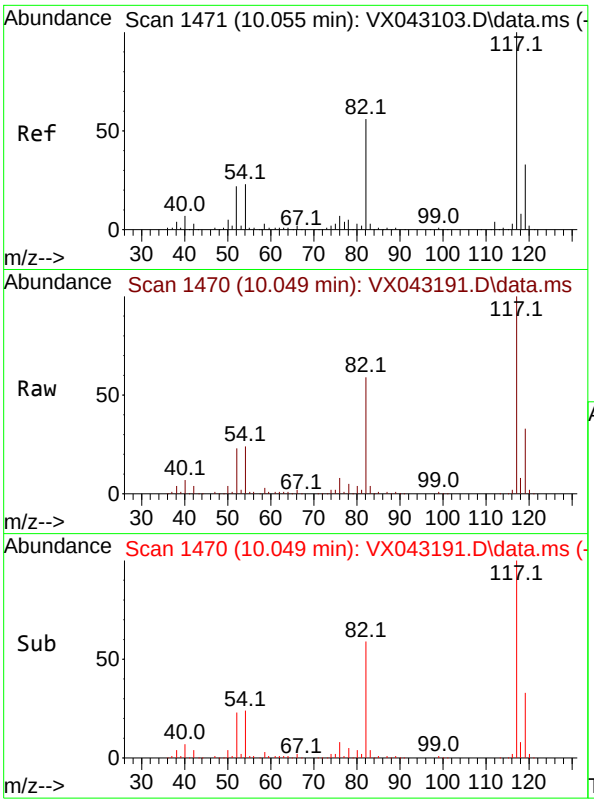


#62
4-Bromofluorobenzene
Concen: 45.512 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 95 Resp: 76779

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	146.0
176	69.9	0.0	142.6



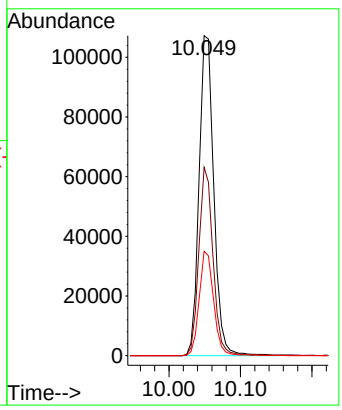


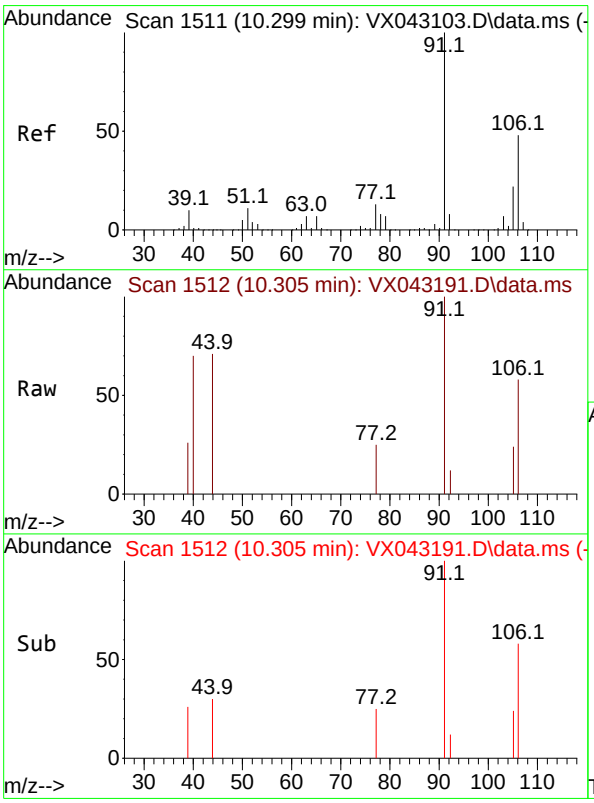
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:117 Resp: 153661

Ion	Ratio	Lower	Upper
117	100		
82	58.9	44.7	67.1
119	32.6	26.3	39.5

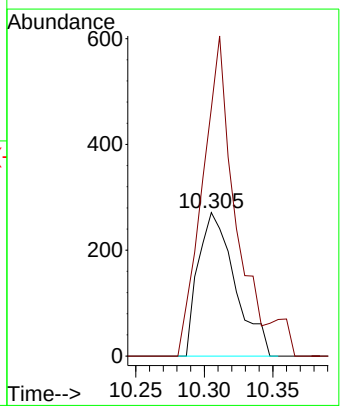


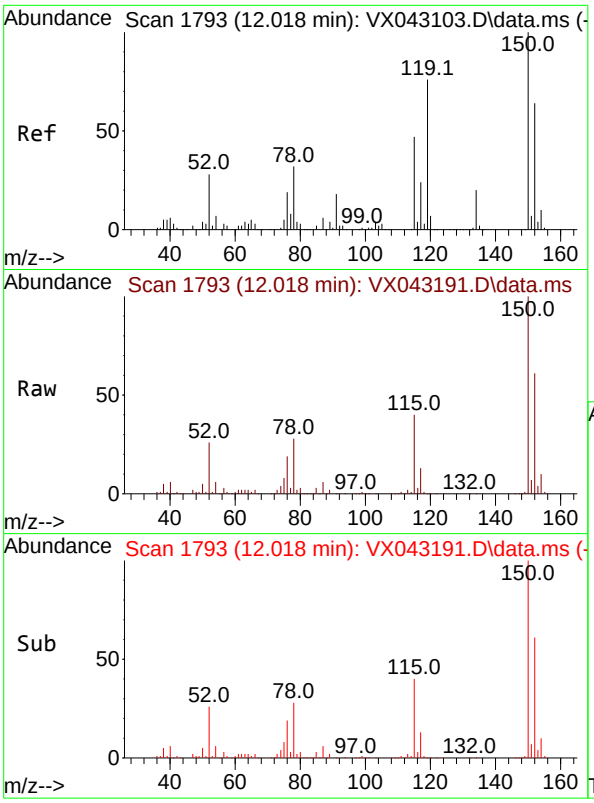


#68
m/p-Xylenes
Concen: 0.238 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion:106 Resp: 507

Ion	Ratio	Lower	Upper
106	100		
91	207.9	167.5	251.3



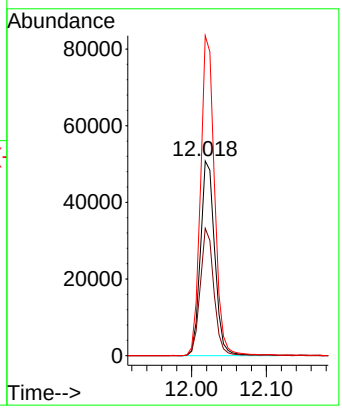


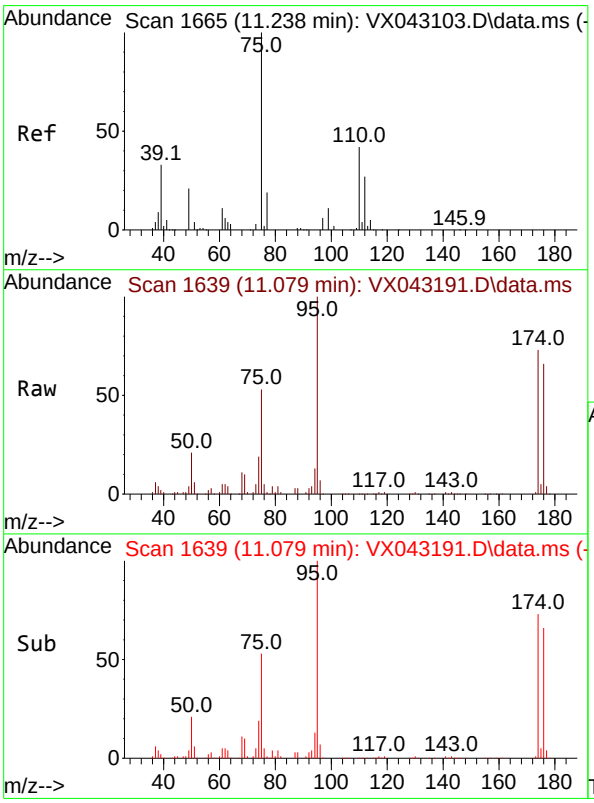
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:152 Resp: 67624

Ion	Ratio	Lower	Upper
152	100		
115	62.7	43.7	131.1
150	160.5	0.0	344.6

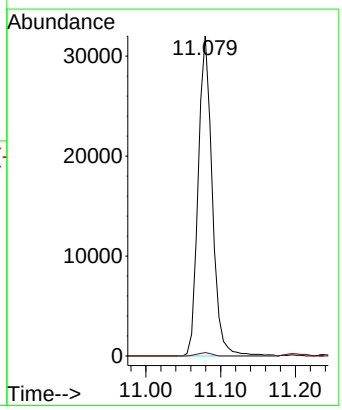


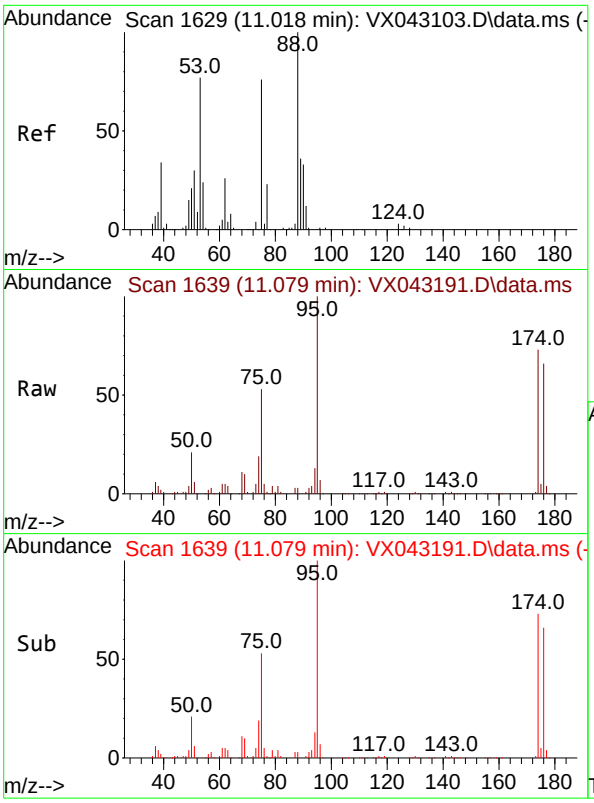


#76
1,2,3-Trichloropropane
Concen: 28.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 75 Resp: 41674

Ion	Ratio	Lower	Upper
75	100		
77	1.0	21.9	65.7#



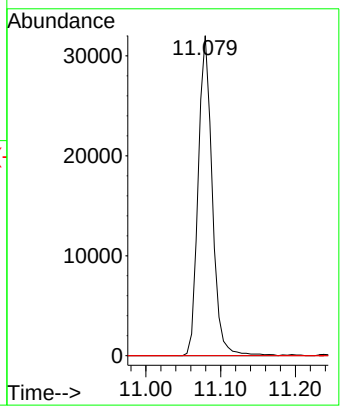


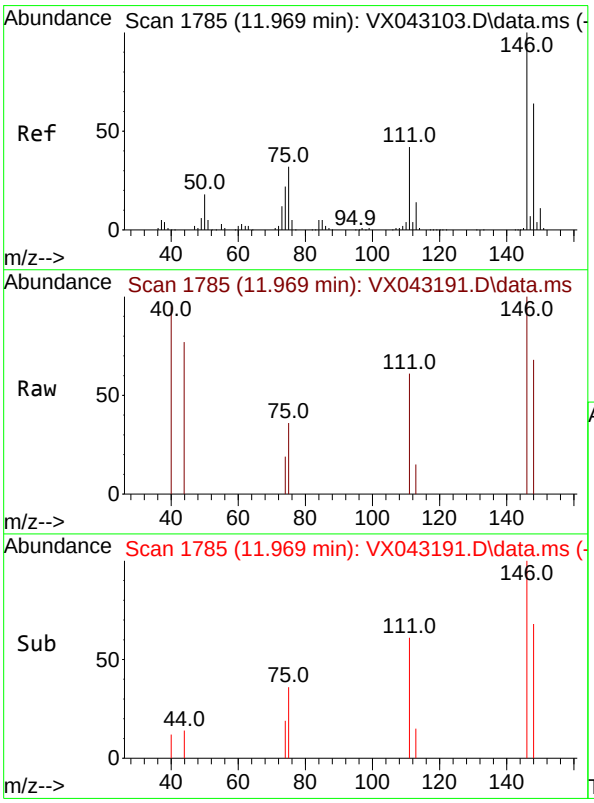
#81
trans-1,4-Dichloro-2-butene
Concen: 69.062 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 41674

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.4	128.2#
89	0.0	38.8	58.2#

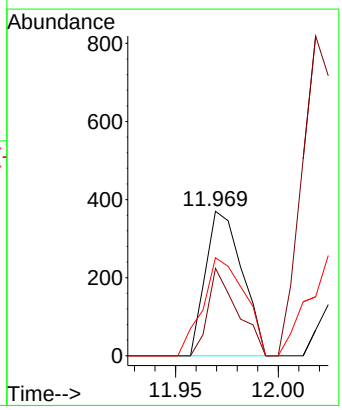


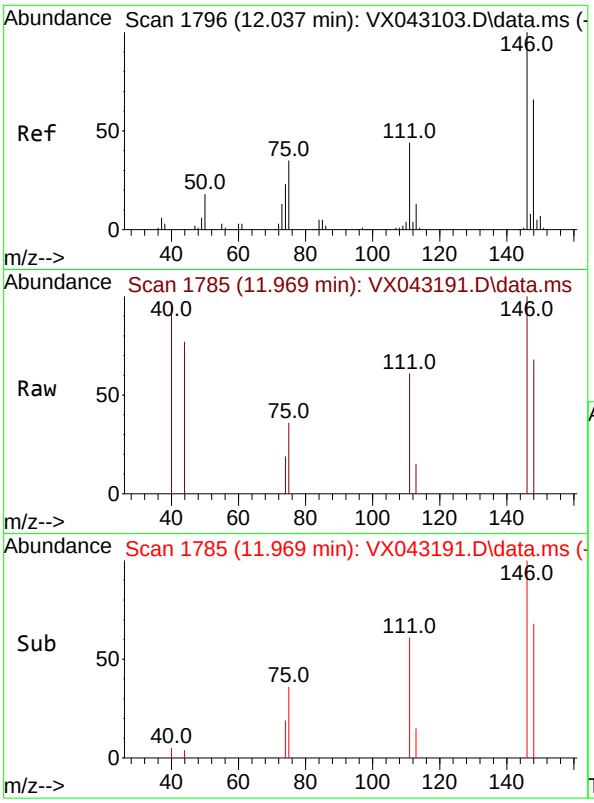


#87
1,3-Dichlorobenzene
Concen: 0.207 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion:146 Resp: 460

Ion	Ratio	Lower	Upper
146	100		
111	48.7	21.6	64.6
148	77.2	31.9	95.5



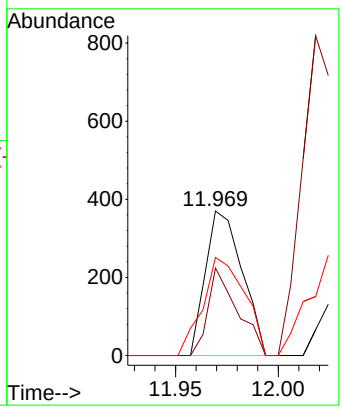


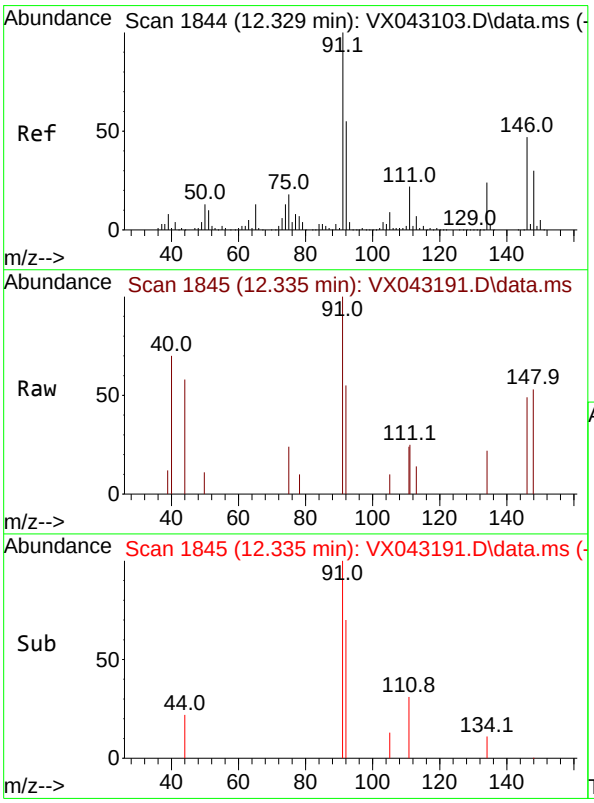
#88
1,4-Dichlorobenzene
Concen: 0.207 ug/l
RT: 11.969 min Scan# 1
Delta R.T. -0.067 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 460

Ion	Ratio	Lower	Upper
146	100		
111	48.7	21.2	63.6
148	77.2	32.6	98.0

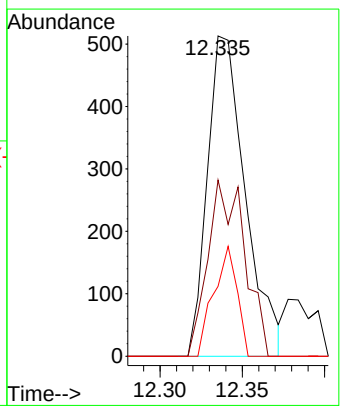


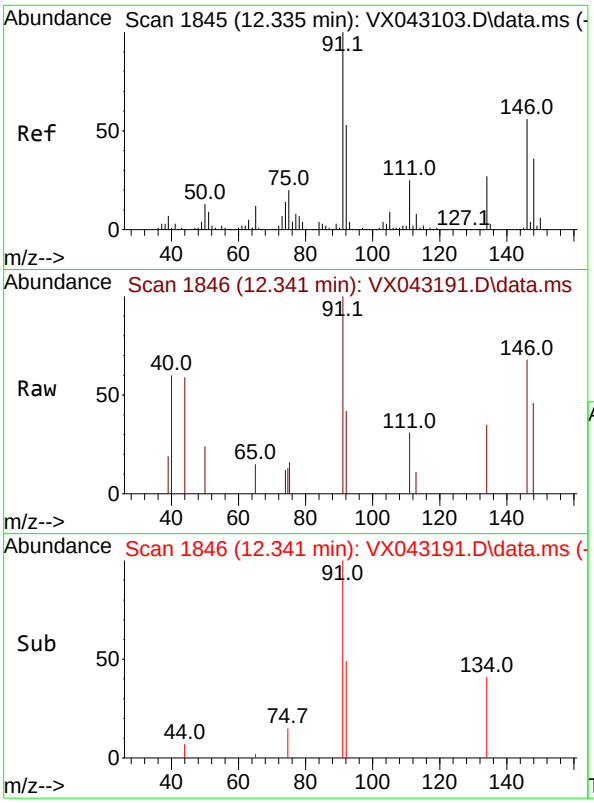


#89
n-Butylbenzene
Concen: 0.215 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion: 91 Resp: 825

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.9	80.7
134	21.0	12.6	37.6



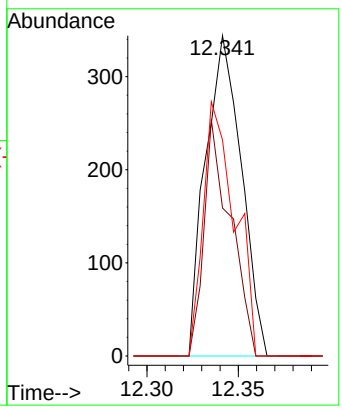


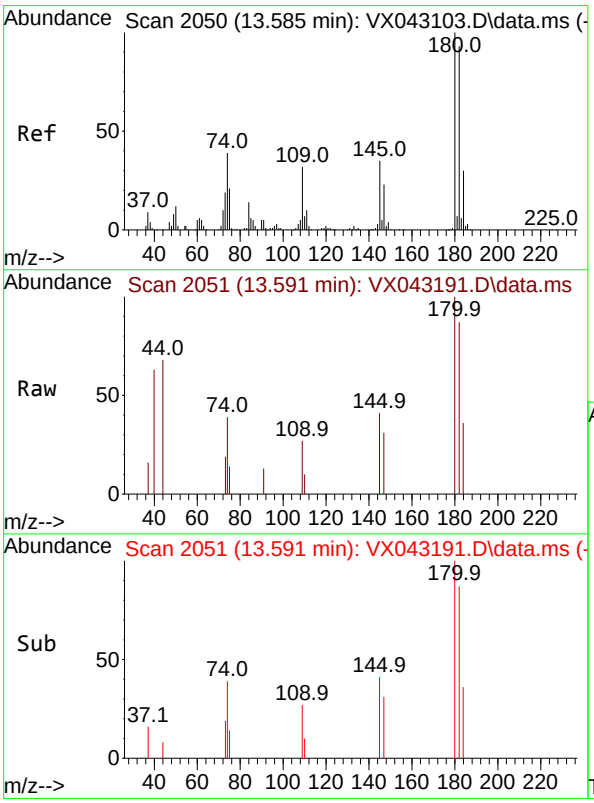
#91
1,2-Dichlorobenzene
Concen: 0.215 ug/l
RT: 12.341 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:146 Resp: 469

Ion	Ratio	Lower	Upper
146	100		
111	54.4	22.6	67.8
148	69.9	32.0	96.2

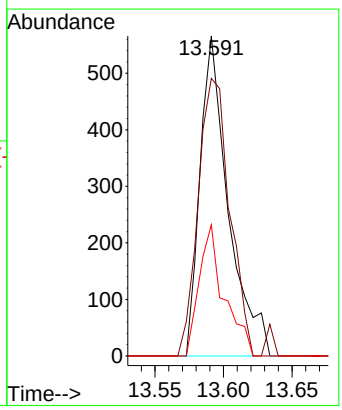


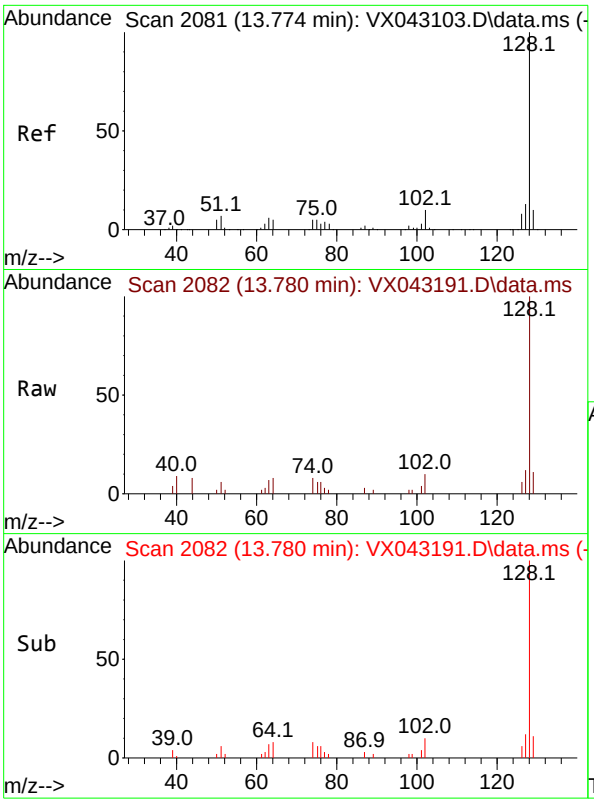


#93
1,2,4-Trichlorobenzene
Concen: 0.600 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion:180 Resp: 813

Ion	Ratio	Lower	Upper
180	100		
182	96.7	46.7	140.0
145	36.0	17.0	50.9



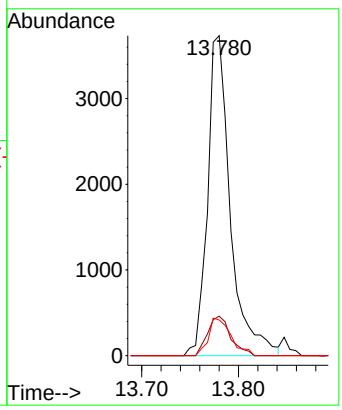


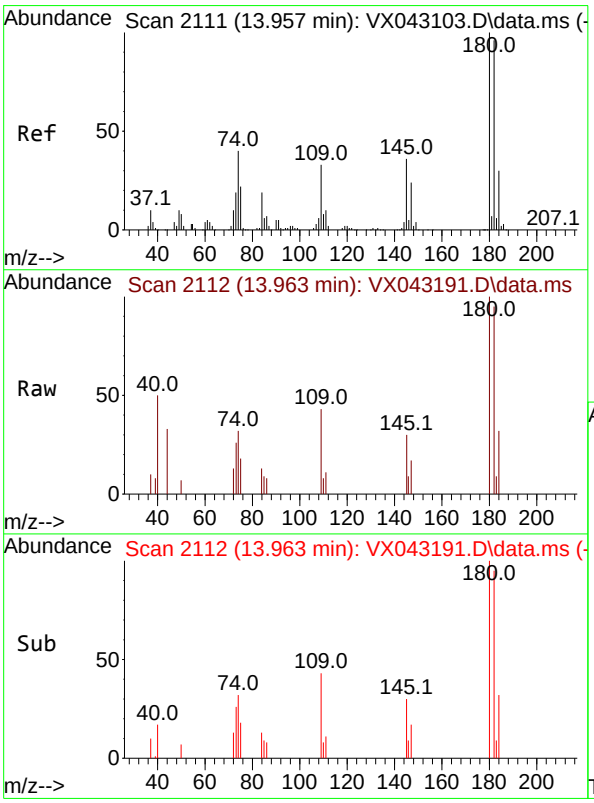
#95
Naphthalene
Concen: 1.300 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 6124

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	11.5	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 0.796 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX043191.D
Acq: 30 Sep 2024 12:19

Tgt Ion:180 Resp: 1072

Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.8	143.4
145	27.6	17.7	53.1