Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112420\

Quantitation Report (Not Reviewed)

Data File : VX019600.D
Acq On : 24 Nov 2020 13:12
Operator : JC/MD
Sample : L4841-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 16855

Quant Time: Nov 25 04:01:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	314776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	522513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	195649	47.94	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 95.88%			
35) Dibromofluoromethane	5.46	113	153608	46.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.66%			
50) Toluene-d8	8.70	98	627108	49.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.40%			
62) 4-Bromofluorobenzene	11.12	95	214230	46.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.44%			
Target Compounds						Qvalue
5) Bromomethane	1.62	94	583	0.407	ug/l	88
6) Chloroethane	1.68	64	233	Below Cal	#	70
11) Tert butyl alcohol	3.00	59	19748	25.567	ug/l #	77
13) Acrolein	2.28	56	208	0.401	ug/l #	1
16) Acetone	2.42	43	39632	25.110	ug/l	99
18) Methyl Acetate	2.75	43	461	0.752	ug/l #	89
20) Methylene Chloride	2.83	84	1059	0.268	ug/l	91
22) Diisopropyl ether	3.94	45	21214	2.095	ug/l #	1
23) Vinyl Acetate	3.94	43	49649	5.845	ug/l #	68
25) 2-Butanone	4.65	43	2823	1.191	ug/l	90
29) Tetrahydrofuran	5.10	42	508	0.336	ug/l #	33
36) 1,1-Dichloropropene	5.63	75	24387	4.978	ug/l #	50
38) Carbon Tetrachloride	5.62	117	31138	6.567	ug/l #	16
44) Trichloroethene	7.18	130	982	0.249	ug/l	81
52) Toluene	8.76	92	7222	0.784	ug/l	100
68) m/p-Xylenes	10.34	106	4179	0.668	ug/l	98
69) o-Xylene	10.68	106	1967	0.329	ug/l	95
70) Styrene	10.70	104	527	1.692	ug/l #	69
76) 1,2,3-Trichloropropane	11.12	75	105863	24.334	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.49	105	3857	0.333	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.12	75	105863	64.393	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.79	105	13411	1.146	ug/l	99
95) Naphthalene	13.82	128	20649	3.521	ug/l	100

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

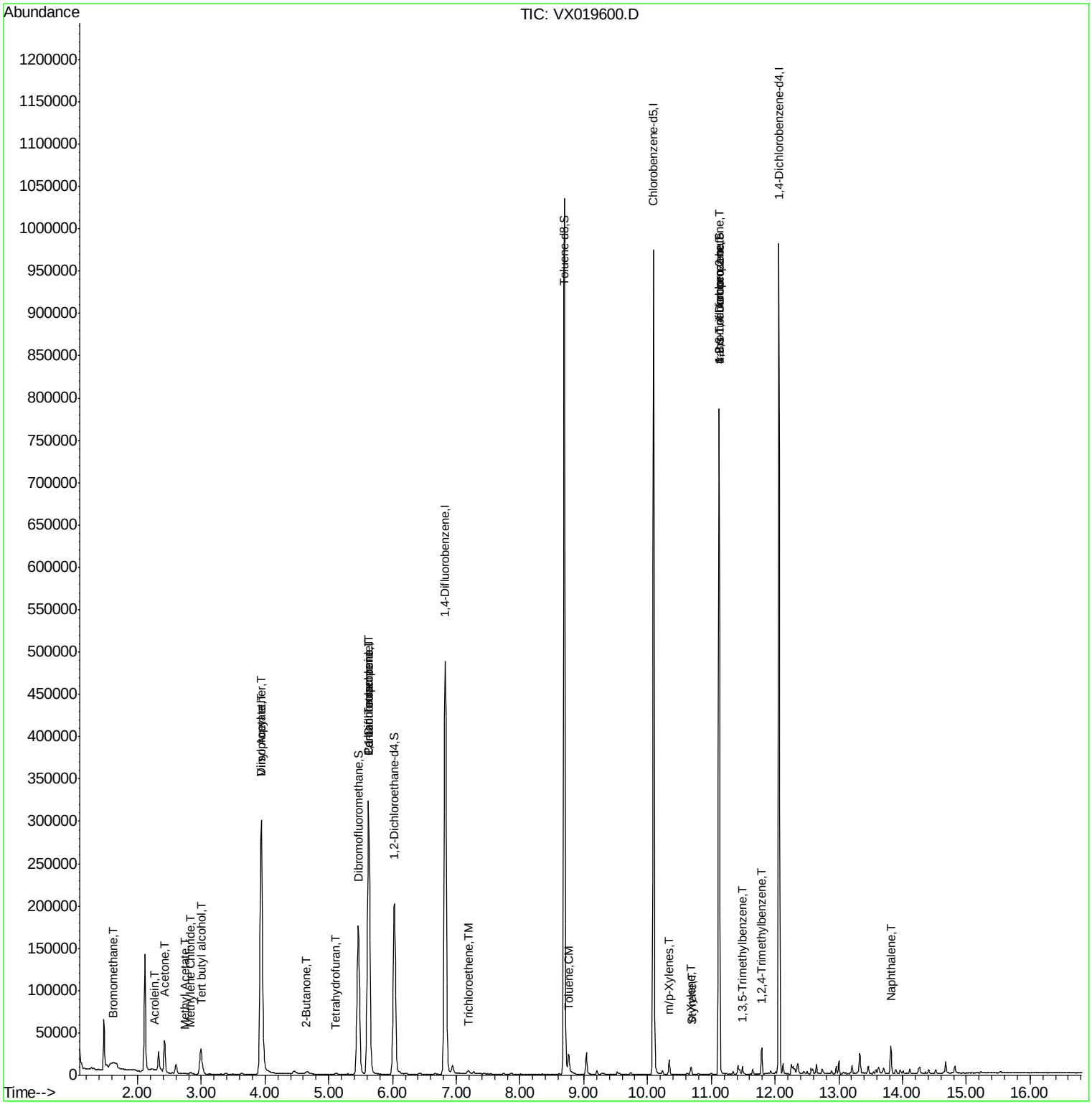
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112420\

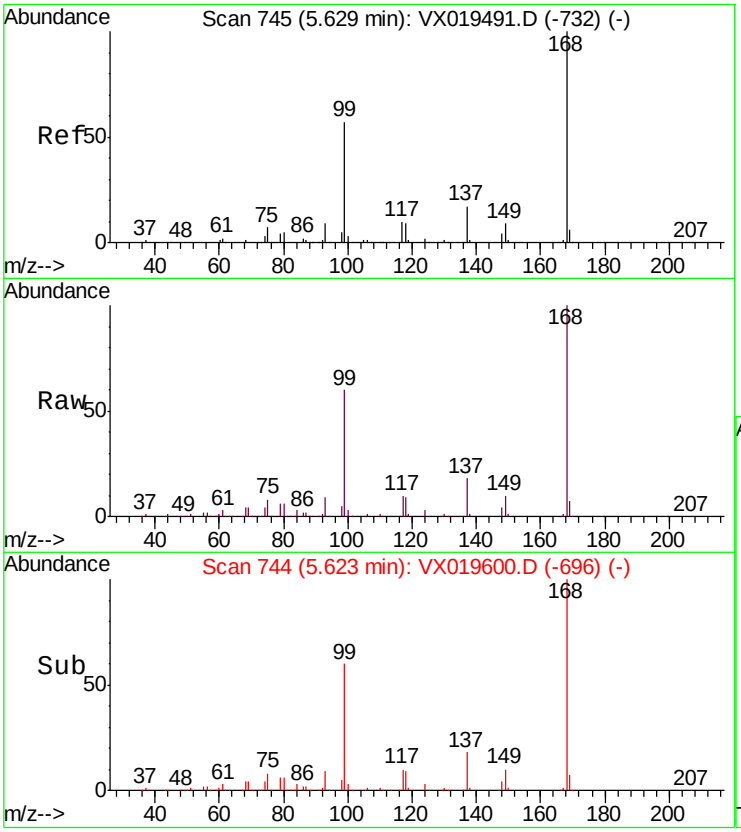
Quantitation Report (Not Reviewed)

Data File : VX019600.D
Acq On : 24 Nov 2020 13:12
Operator : JC/MD
Sample : L4841-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
16855

Quant Time: Nov 25 04:01:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration



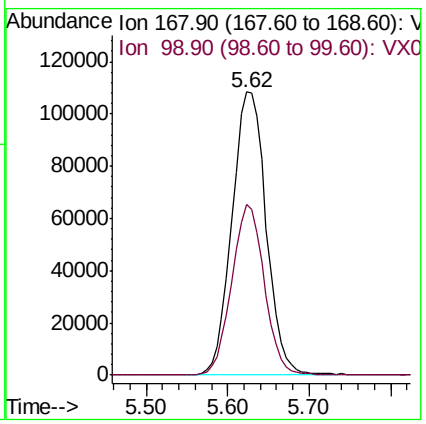


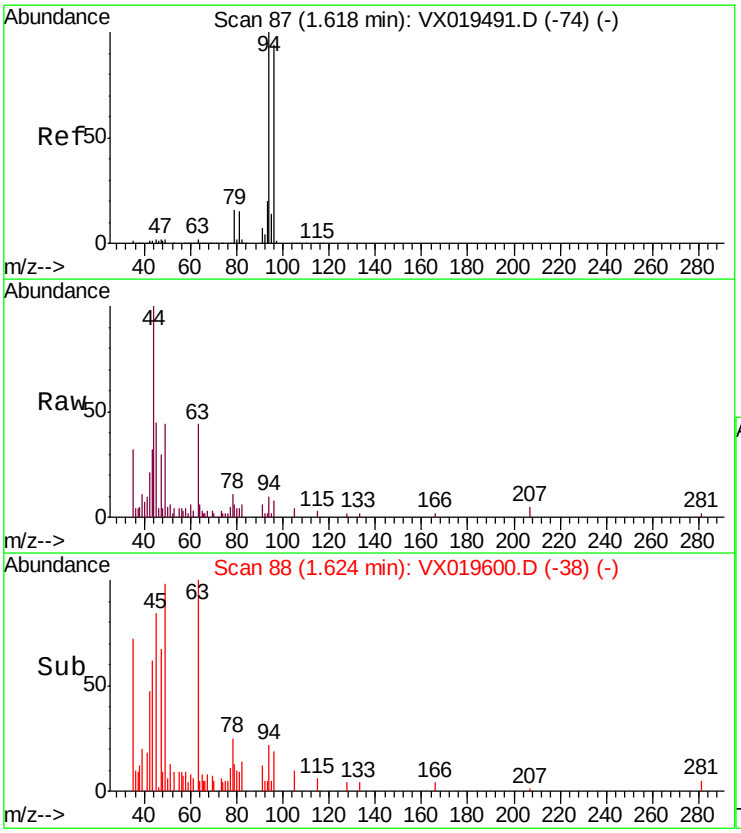
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.01 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion:168 Resp: 314776

Ion	Ratio	Lower	Upper
168	100		
99	60.4	45.8	68.6

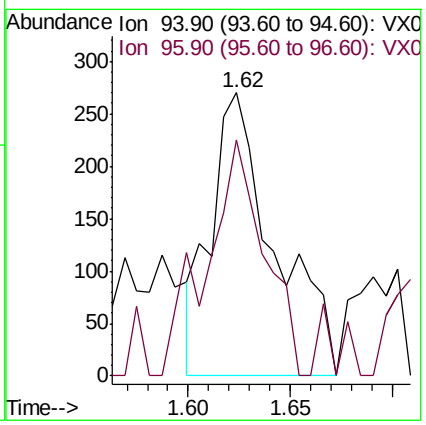


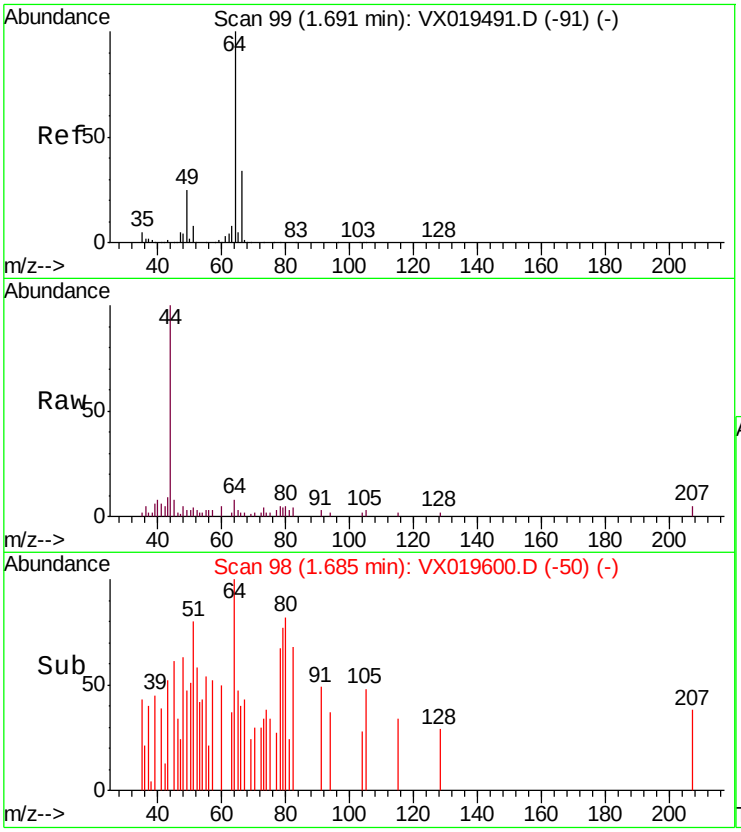


#5
Bromomethane
Concen: 0.407 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion: 94 Resp: 583

Ion	Ratio	Lower	Upper
94	100		
96	83.3	75.6	113.4



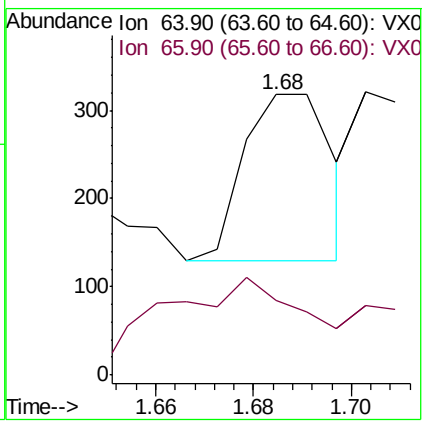


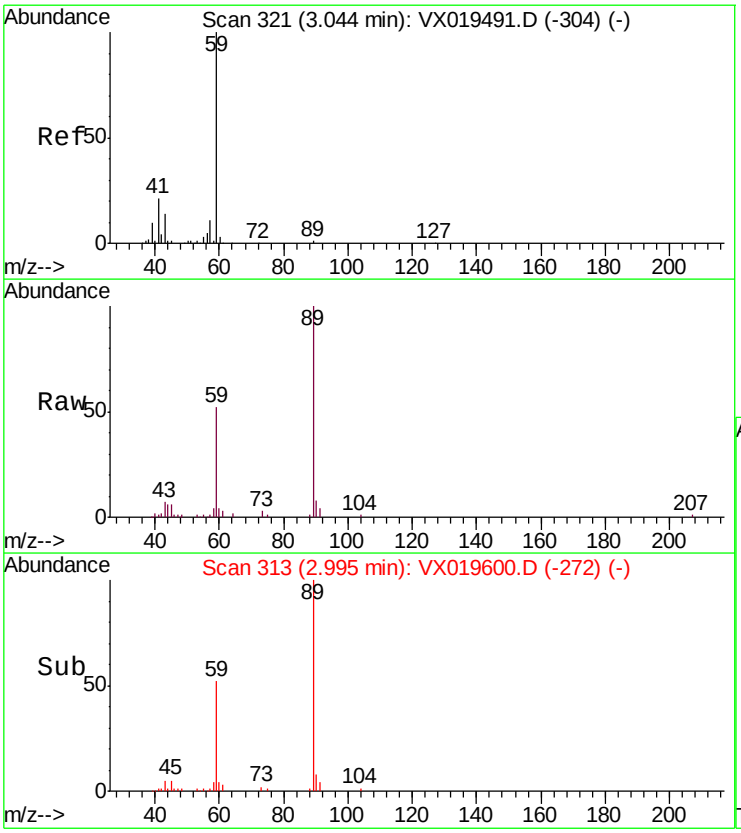
#6
Chloroethane
Concen: Below Cal
RT: 1.68 min Scan# 98
Delta R.T. -0.01 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion: 64 Resp: 233

Ion	Ratio	Lower	Upper
64	100		
66	16.5	27.1	40.7#

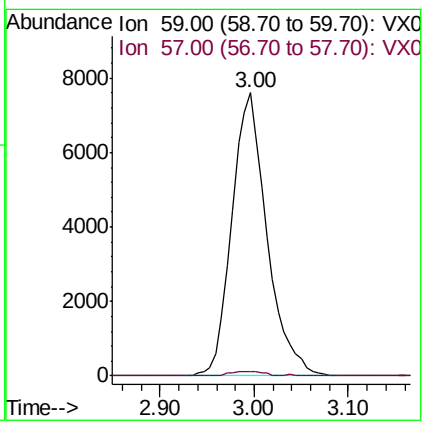


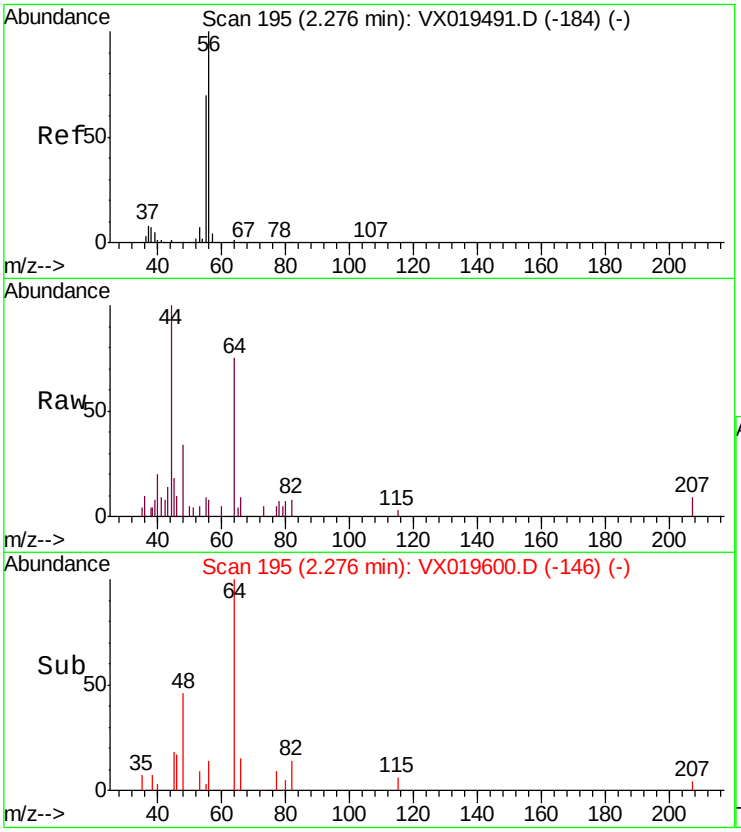


#11
Tert butyl alcohol
Concen: 25.567 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.05 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion: 59 Resp: 19748

Ion	Ratio	Lower	Upper
59	100		
57	1.4	7.9	11.9#



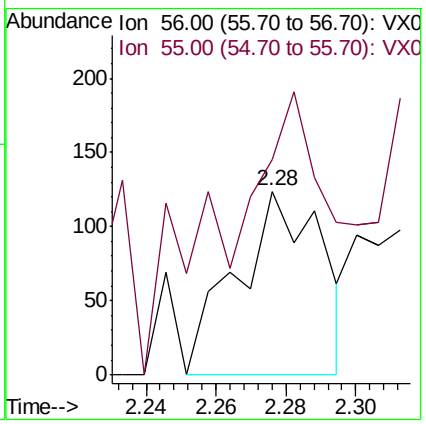


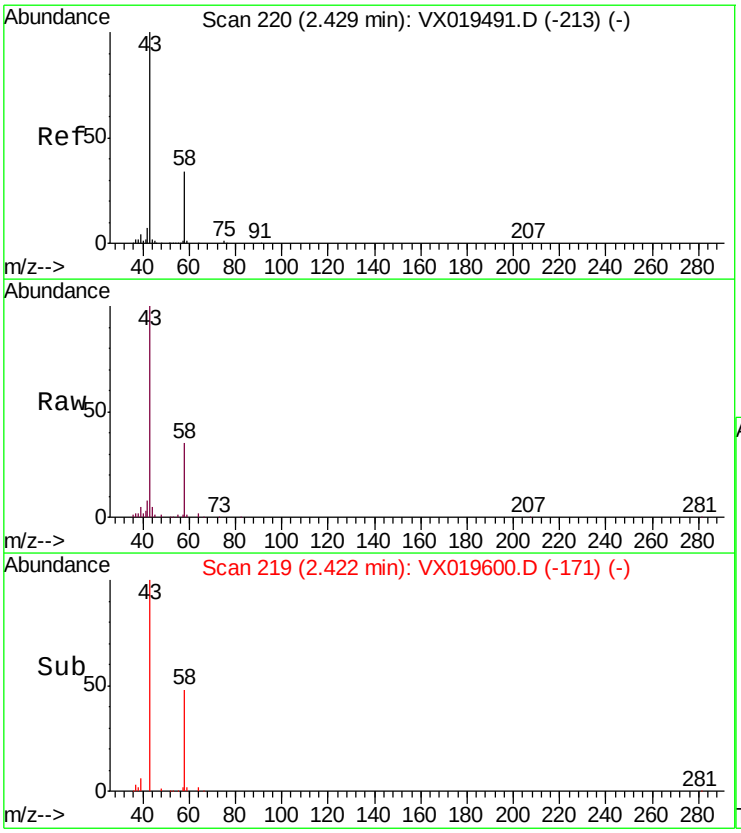
#13
Acrolein
Concen: 0.401 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion: 56 Resp: 208

Ion	Ratio	Lower	Upper
56	100		
55	206.3	55.5	83.3#

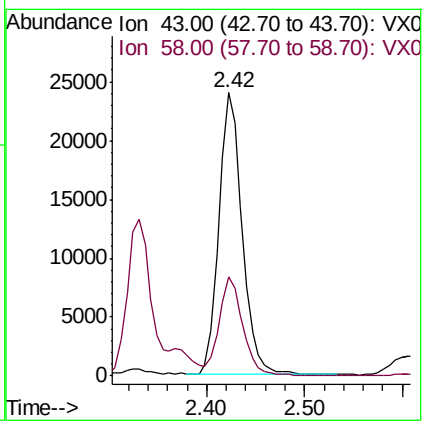


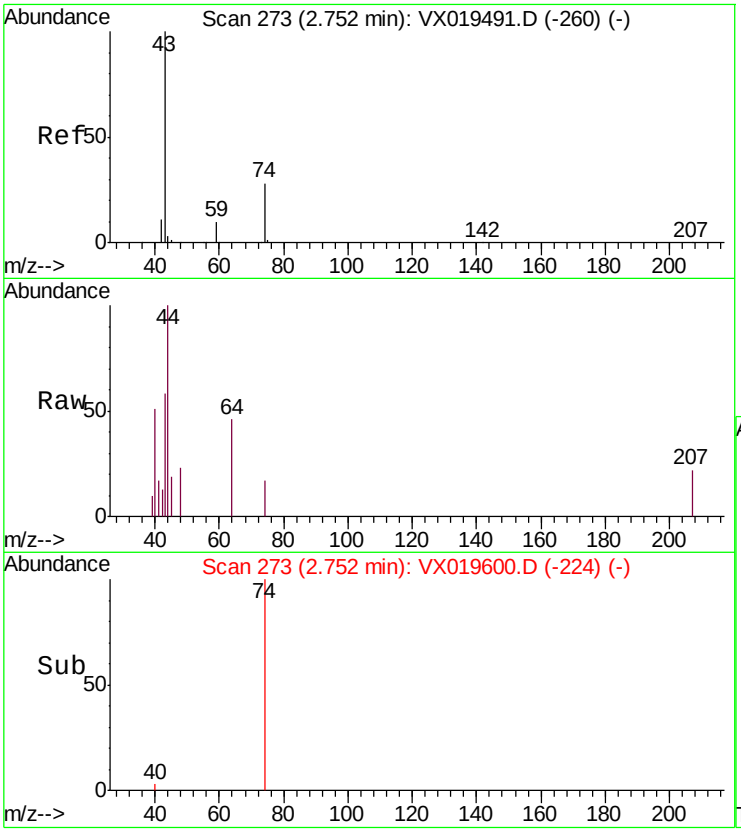


#16
Acetone
Concen: 25.110 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion: 43 Resp: 39632

Ion	Ratio	Lower	Upper
43	100		
58	35.1	27.4	41.2



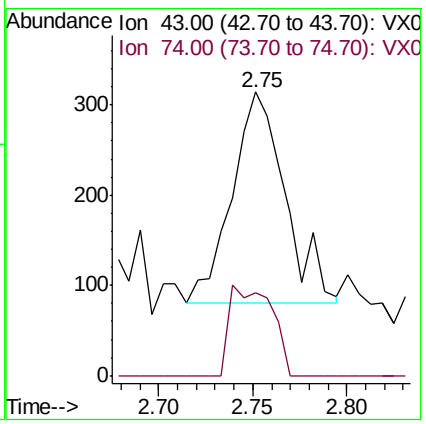


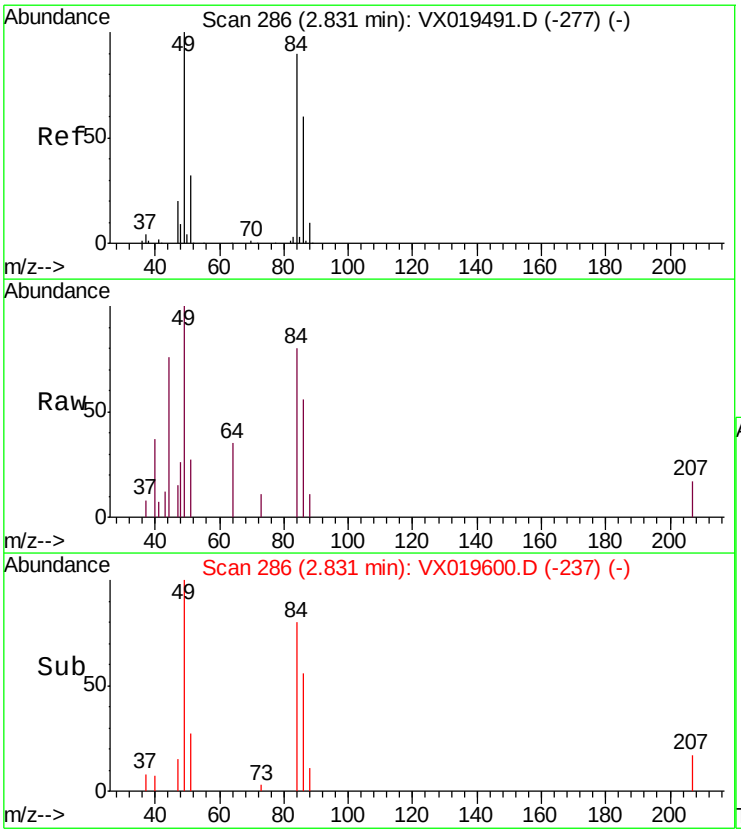
#18
Methyl Acetate
Concen: 0.752 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion: 43 Resp: 461

Ion	Ratio	Lower	Upper
43	100		
74	33.6	22.2	33.4#

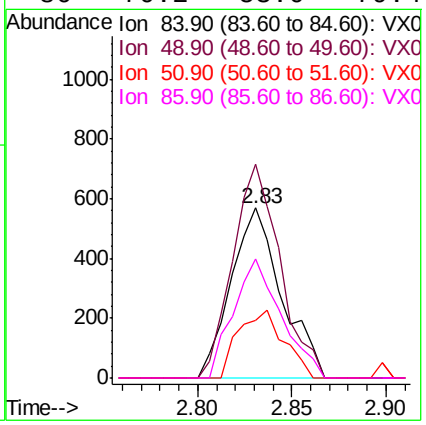


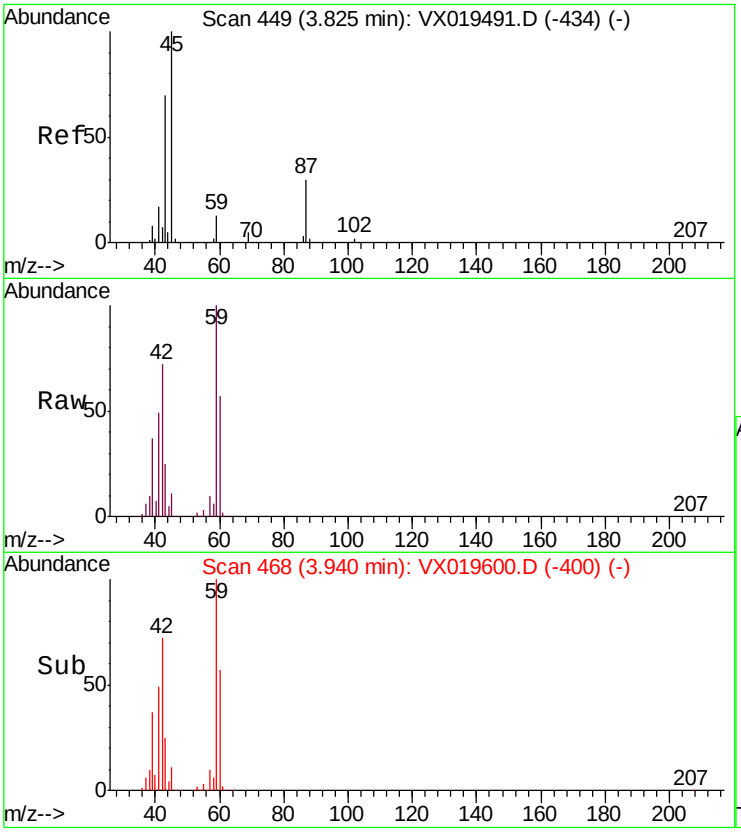


#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion: 84 Resp: 1059

Ion	Ratio	Lower	Upper
84	100		
49	125.4	88.5	132.7
51	34.2	28.0	42.0
86	70.2	53.0	79.4



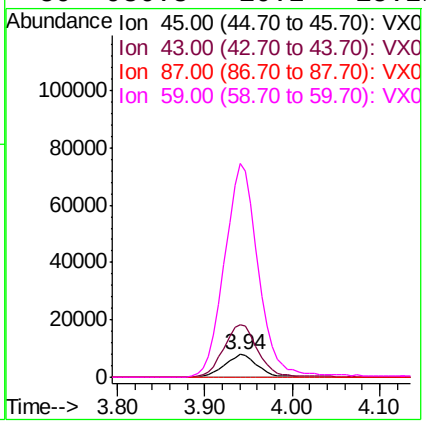


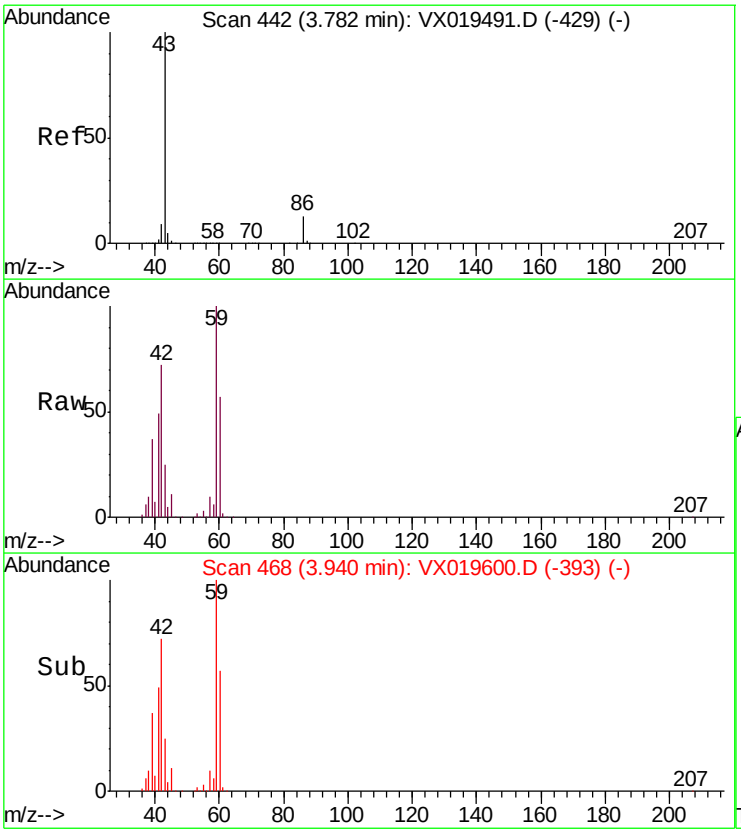
#22
Diisopropyl ether
Concen: 2.095 ug/l
RT: 3.94 min Scan# 468
Delta R.T. 0.12 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument : MSVOA_X
ClientSampleId : 16855

Tgt Ion: 45 Resp: 21214

Ion	Ratio	Lower	Upper
45	100		
43	231.6	56.1	84.1#
87	0.0	24.2	36.2#
59	936.8	10.2	15.2#

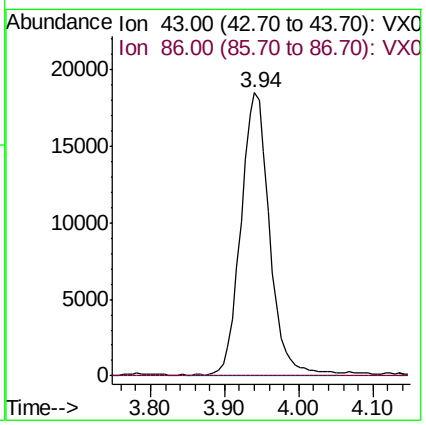


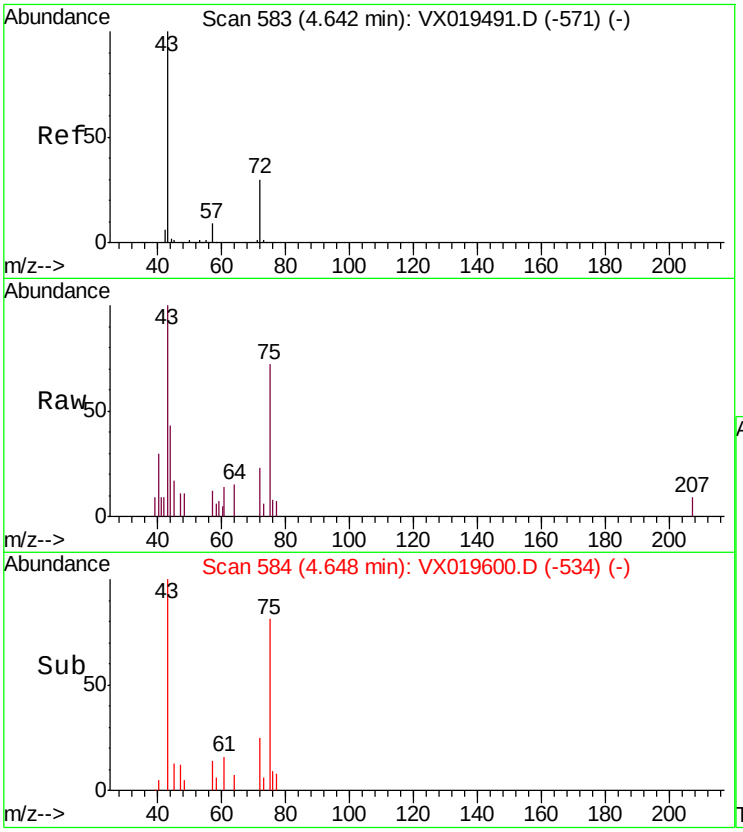


#23
Vinyl Acetate
Concen: 5.845 ug/l
RT: 3.94 min Scan# 468
Delta R.T. 0.16 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion: 43 Resp: 49649

Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.2	15.2#



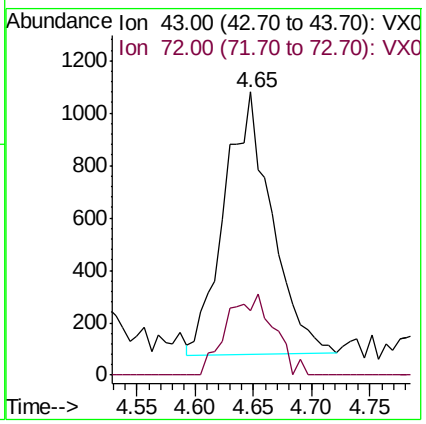


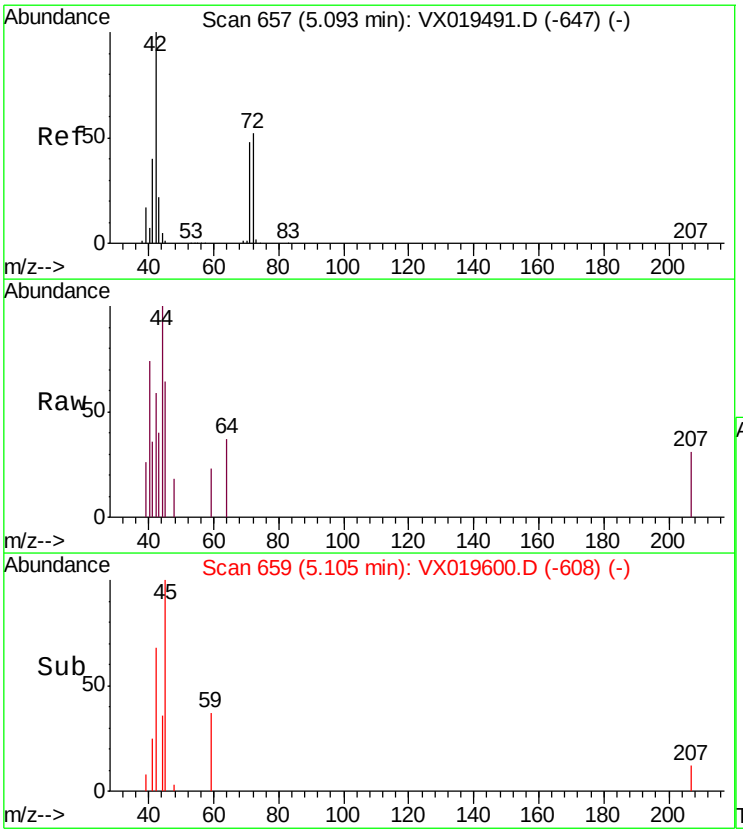
#25
2-Butanone
Concen: 1.191 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion: 43 Resp: 2823

Ion	Ratio	Lower	Upper
43	100		
72	24.7	24.0	36.0

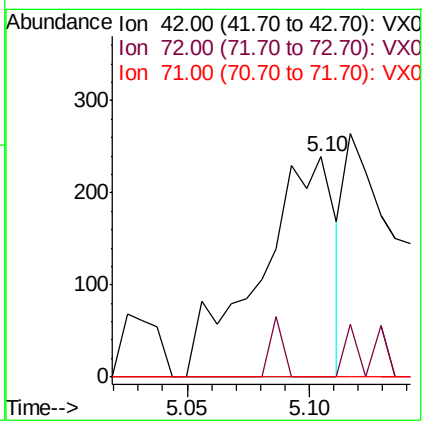


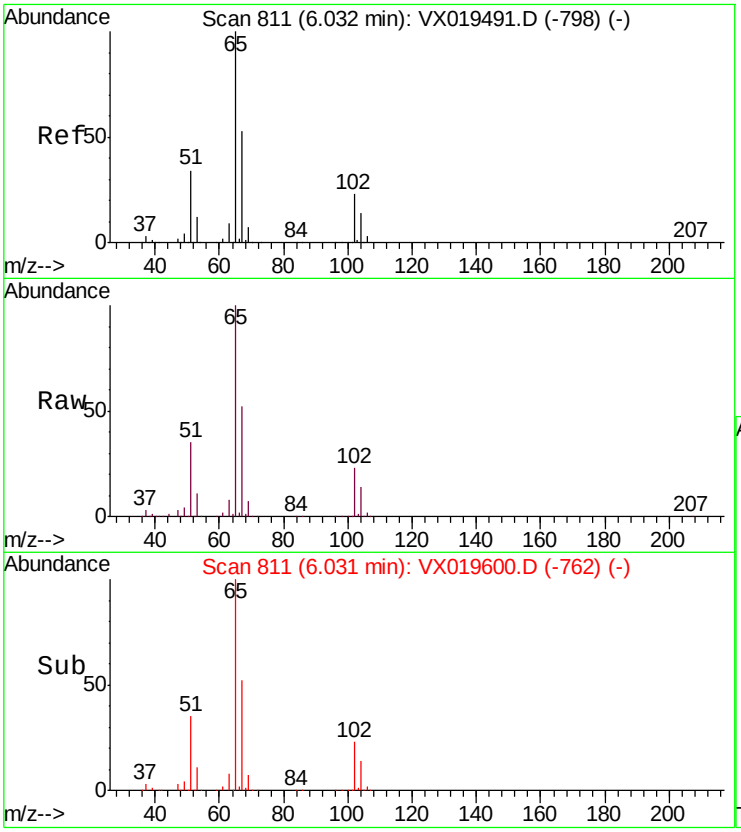


#29
Tetrahydrofuran
Concen: 0.336 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion: 42 Resp: 508

Ion	Ratio	Lower	Upper
42	100		
72	8.1	42.6	63.8#
71	0.0	39.0	58.6#



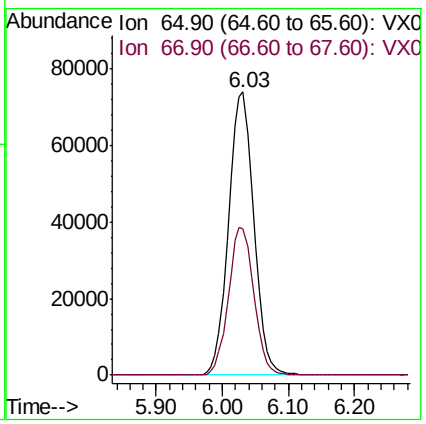


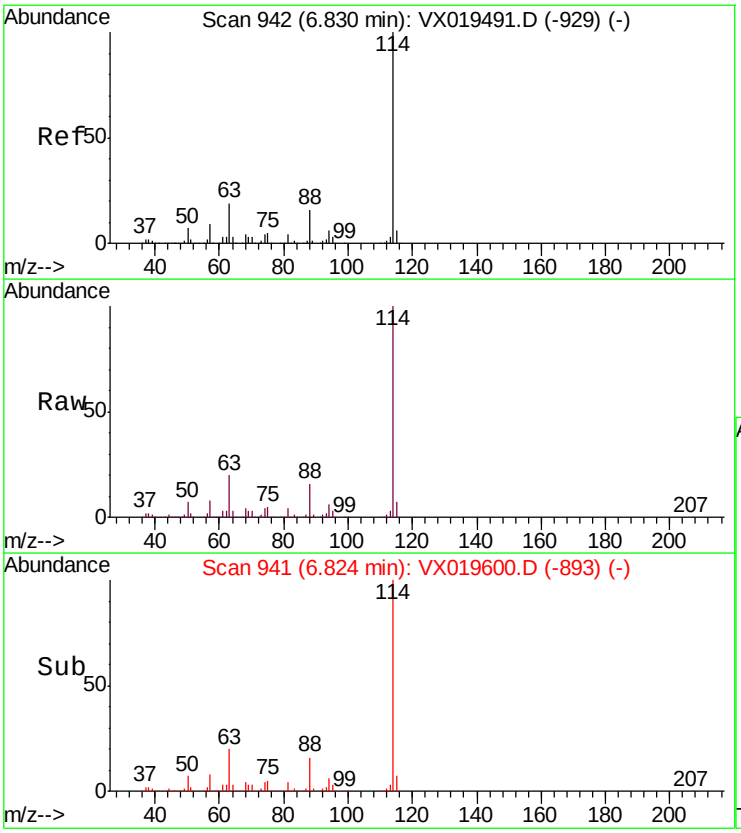
#33
1,2-Dichloroethane-d4
Concen: 47.937 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion: 65 Resp: 195649

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0

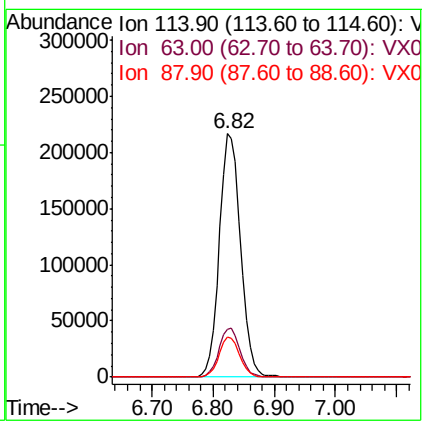


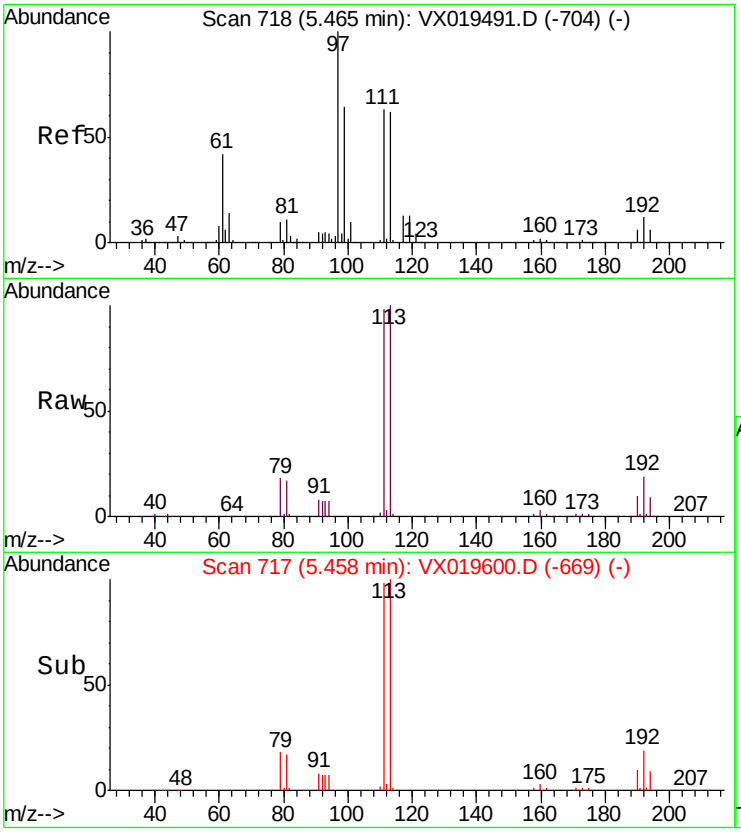


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.82 min Scan# 941
Delta R.T. -0.01 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion:114 Resp: 522513

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.8
88	16.2	0.0	31.6



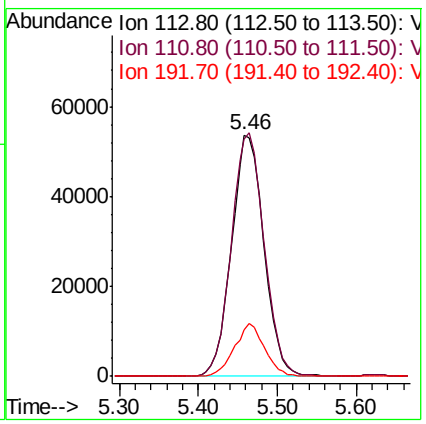


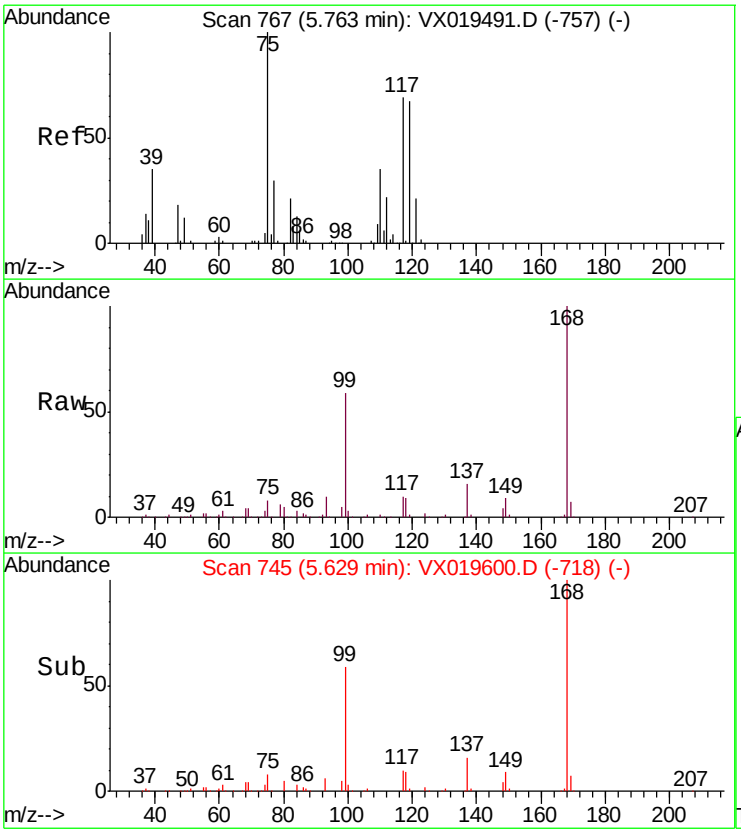
#35
Dibromofluoromethane
Concen: 46.834 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion:113 Resp: 153608

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.5	122.3
192	20.4	16.2	24.2

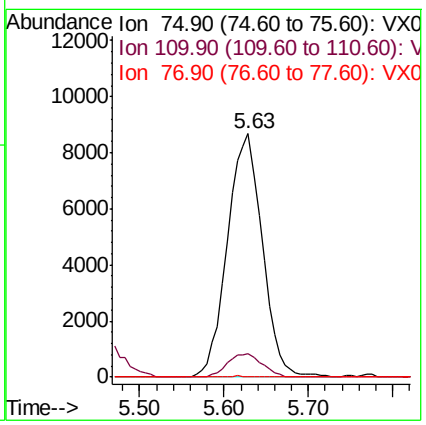


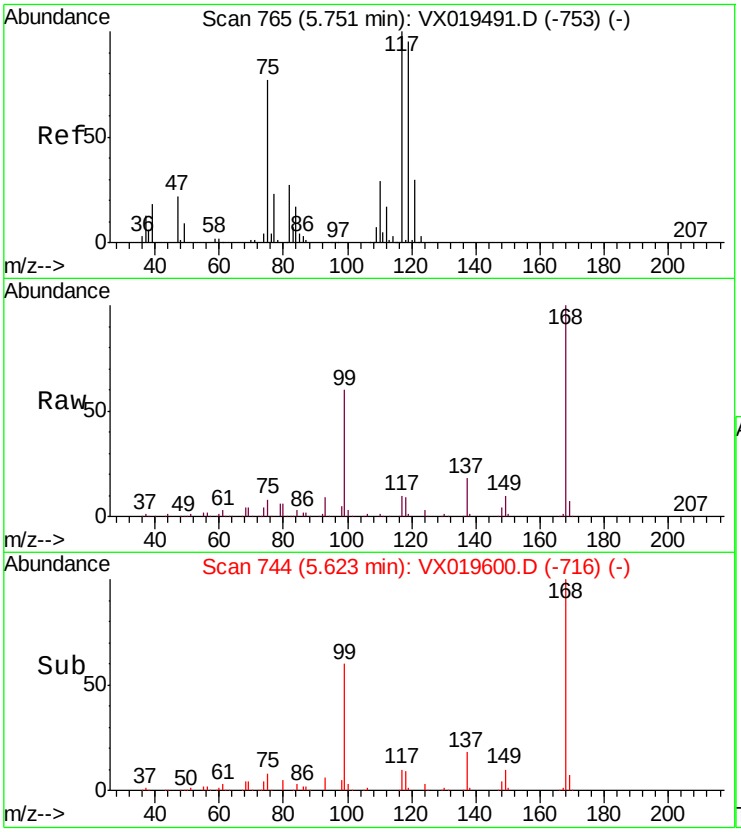


#36
1,1-Dichloropropene
Concen: 4.978 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion: 75 Resp: 24387

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.3#
77	0.1	24.2	36.4#



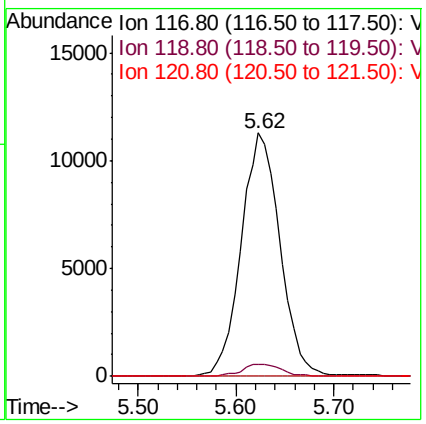


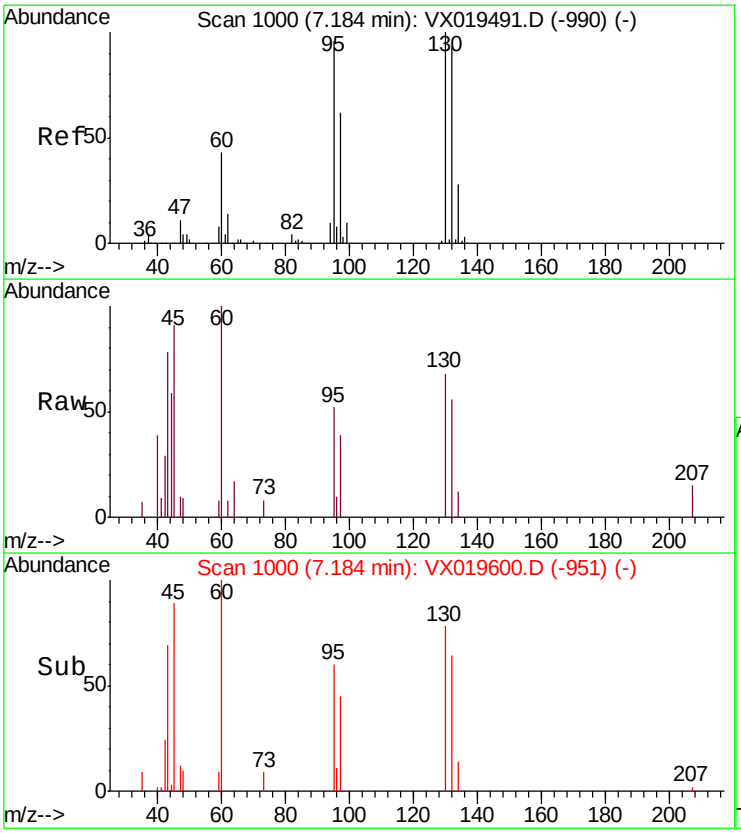
#38
Carbon Tetrachloride
Concen: 6.567 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion:117 Resp: 31138

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.9	113.9#
121	0.0	24.0	36.0#

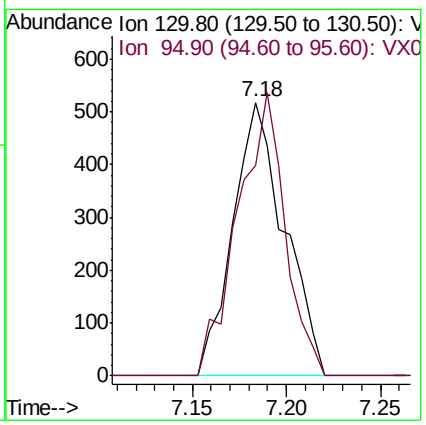


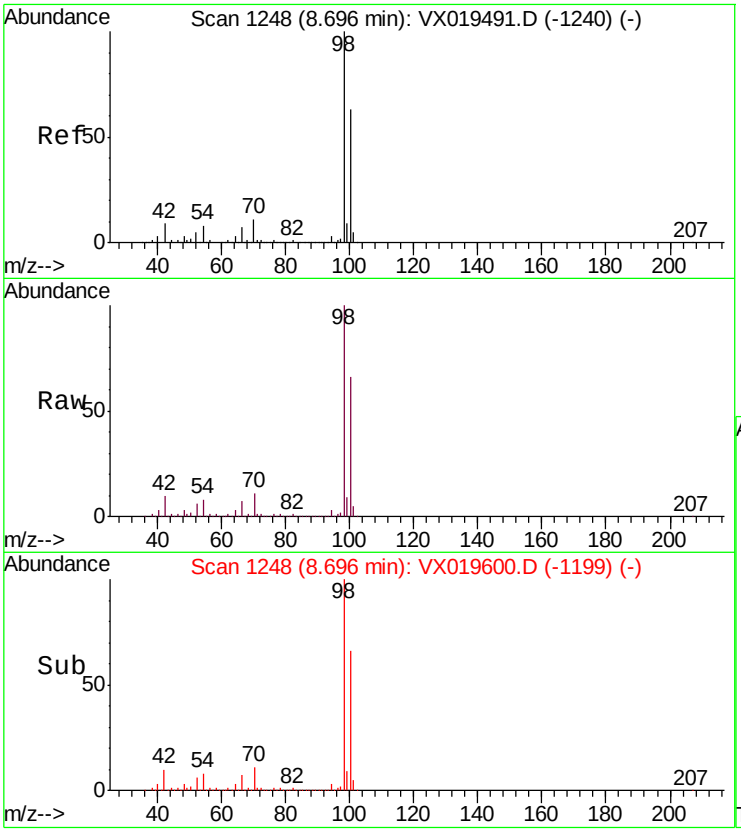


#44
Trichloroethene
Concen: 0.249 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion:130 Resp: 982

Ion	Ratio	Lower	Upper
130	100		
95	76.8	0.0	191.2



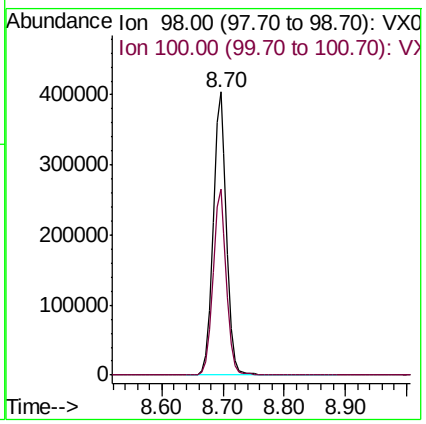


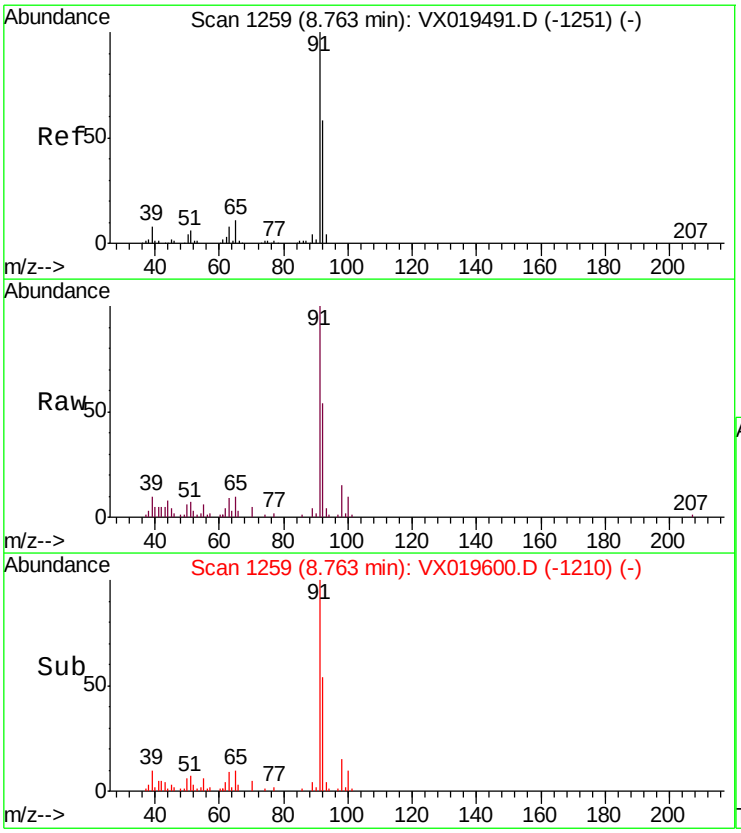
#50
Toluene-d8
Concen: 49.204 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion: 98 Resp: 627108

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6

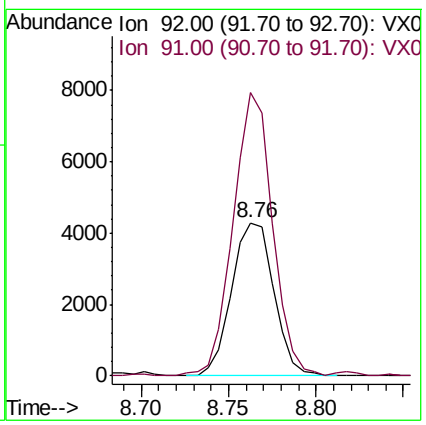


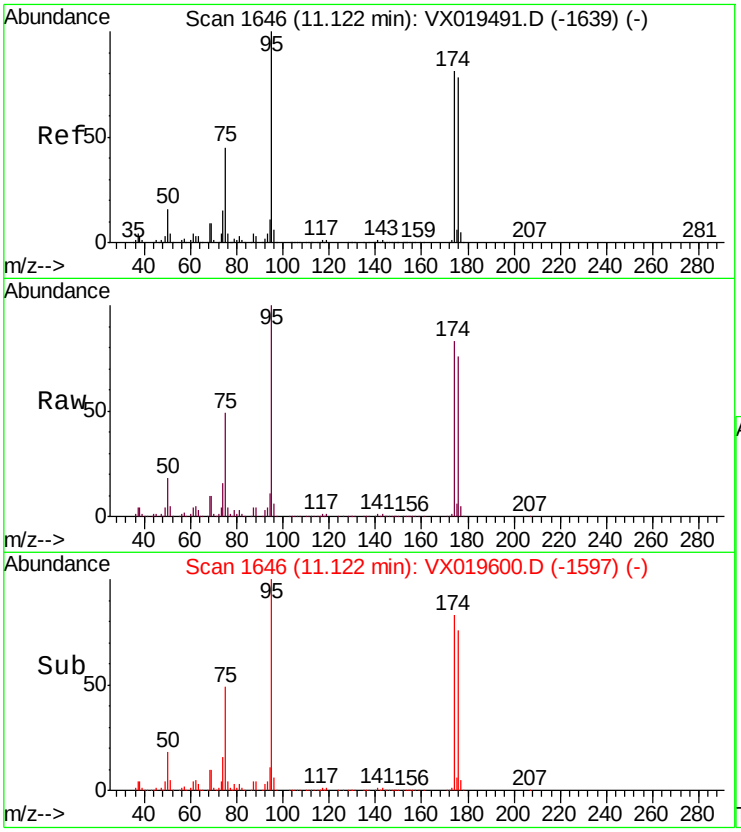


#52
Toluene
Concen: 0.784 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion: 92 Resp: 7222

Ion	Ratio	Lower	Upper
92	100		
91	172.2	138.1	207.1



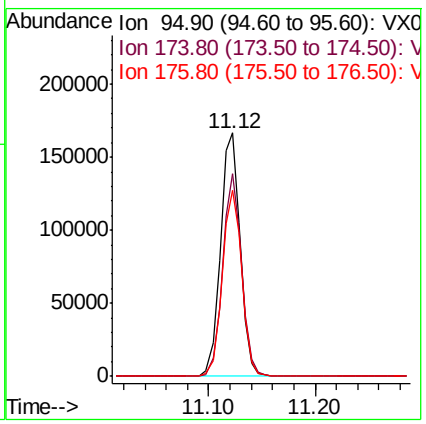


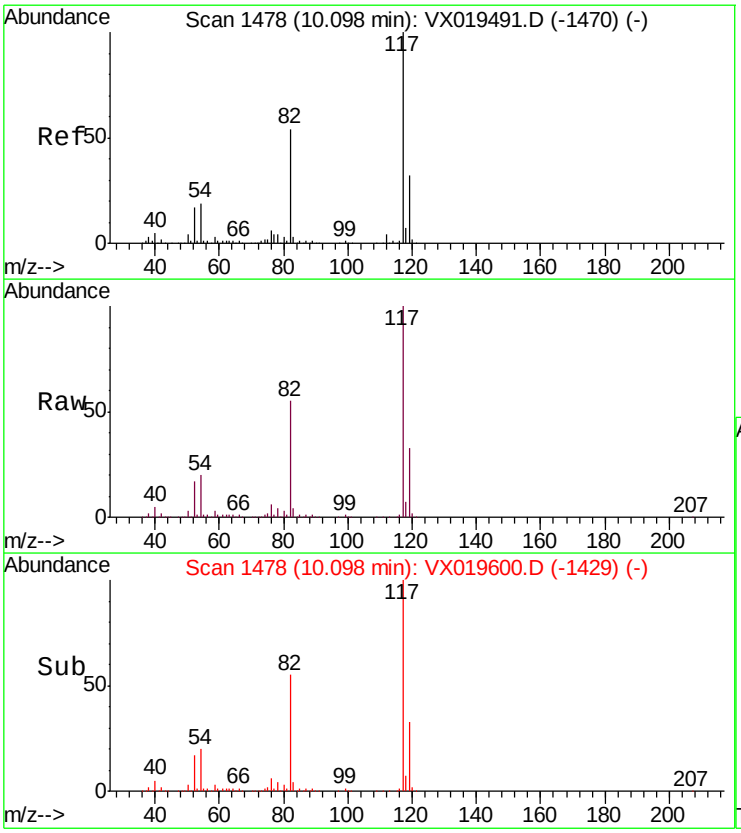
#62
4-Bromofluorobenzene
Concen: 46.719 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion: 95 Resp: 214230

Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	156.2
176	75.8	0.0	151.4

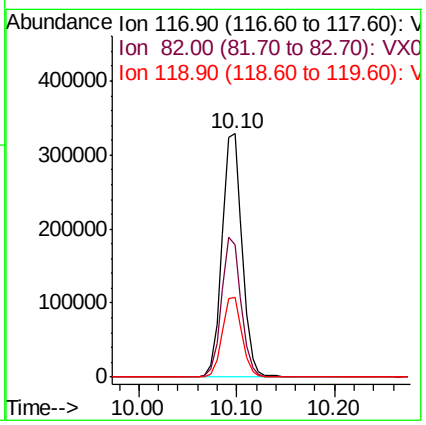


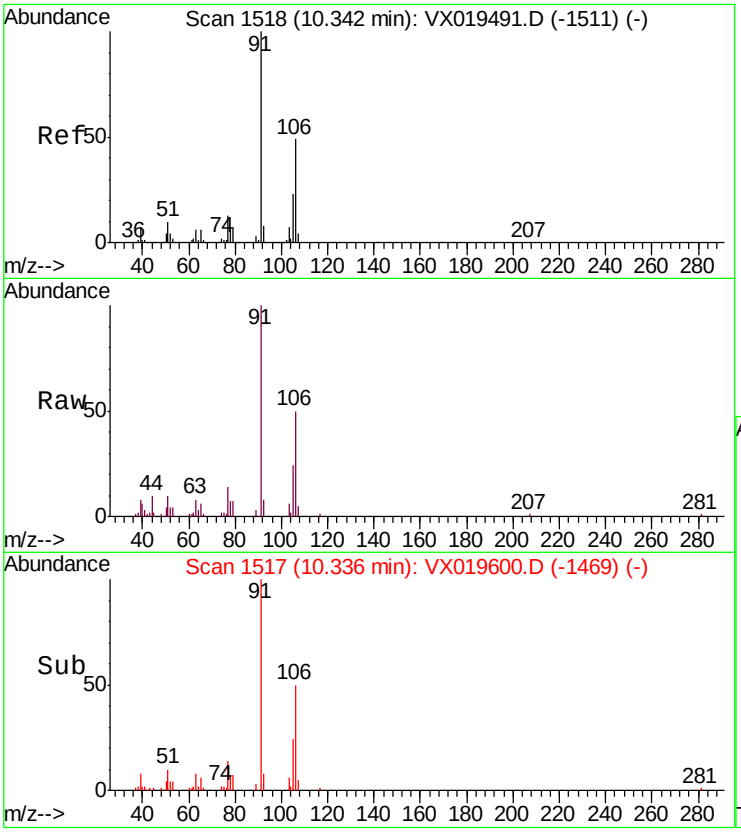


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion:117 Resp: 466480

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.0	64.4
119	32.6	25.6	38.4



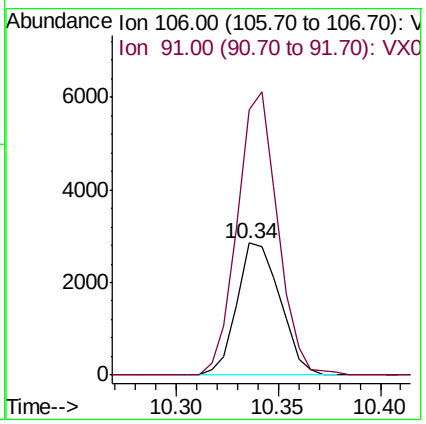


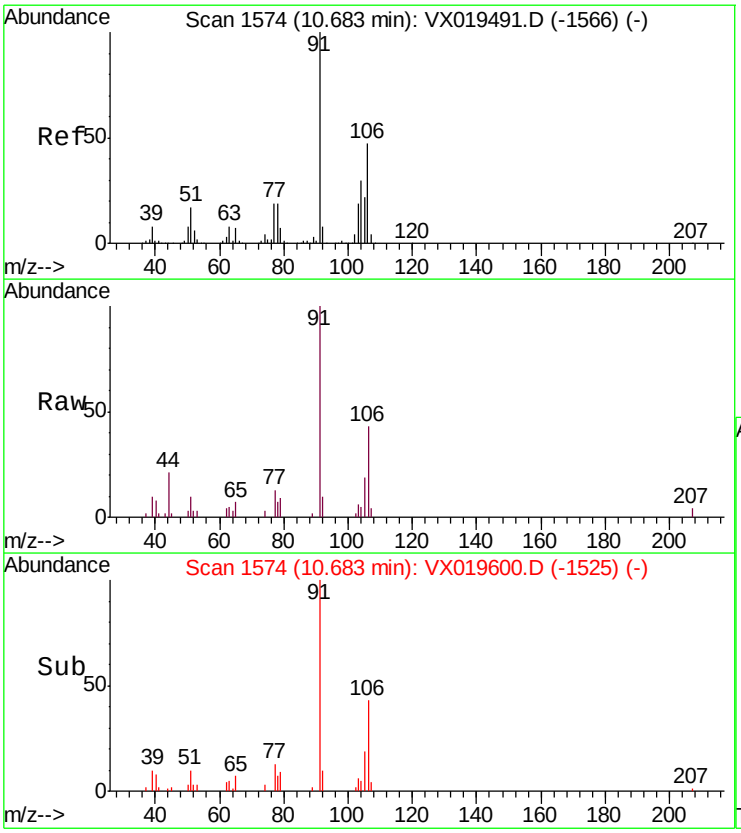
#68
m/p-Xylenes
Concen: 0.668 ug/l
RT: 10.34 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion:106 Resp: 4179

Ion	Ratio	Lower	Upper
106	100		
91	201.0	163.3	244.9

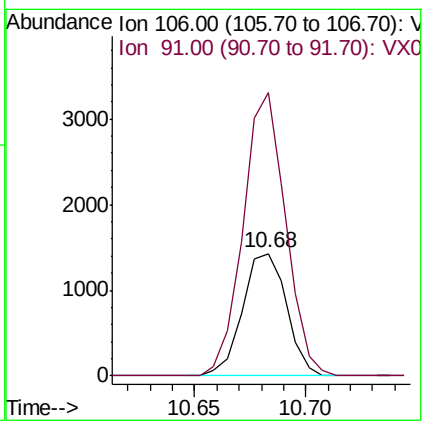


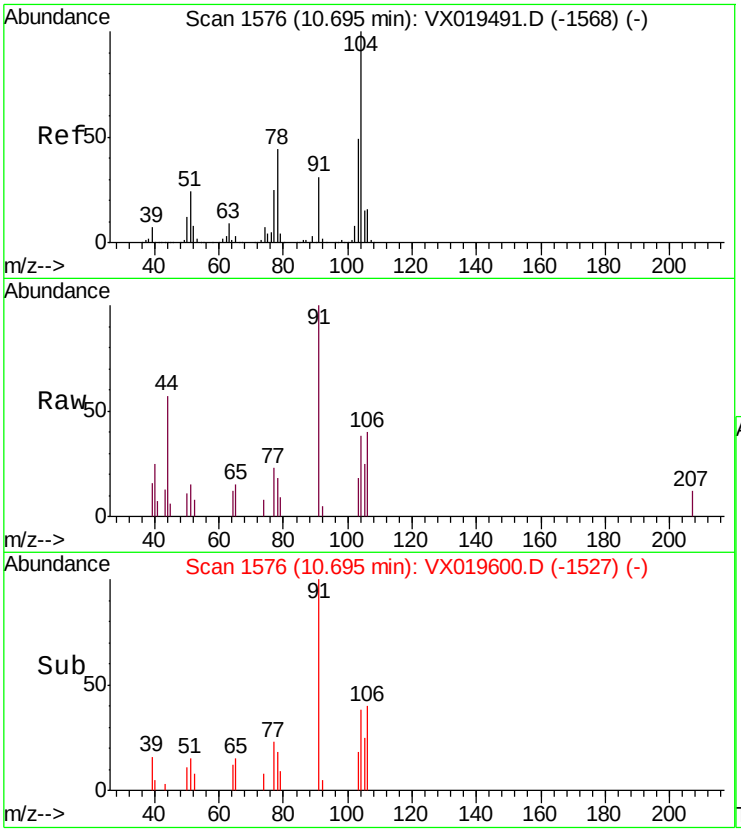


#69
o-Xylene
Concen: 0.329 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion:106 Resp: 1967

Ion	Ratio	Lower	Upper
106	100		
91	223.6	108.0	324.0



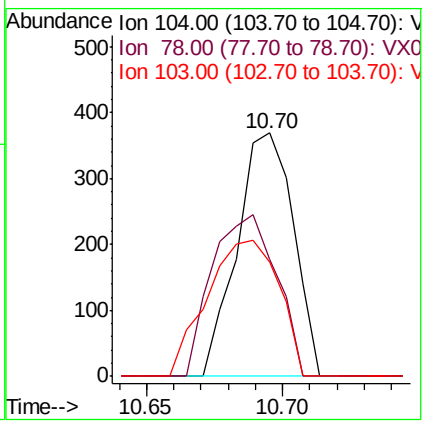


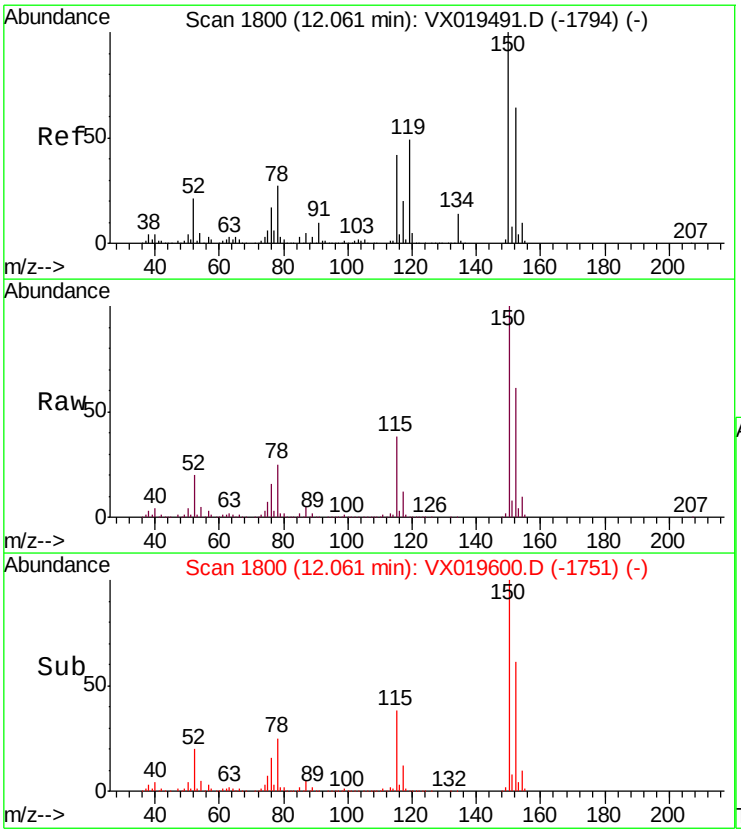
#70
Styrene
Concen: 1.692 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument : MSVOA_X
ClientSampleId : 16855

Tgt Ion:104 Resp: 527

Ion	Ratio	Lower	Upper
104	100		
78	76.1	39.5	59.3#
103	71.9	43.6	65.4#

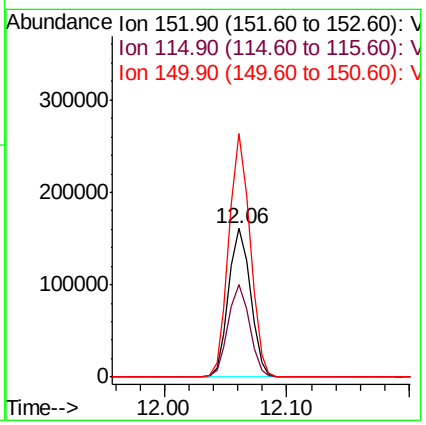


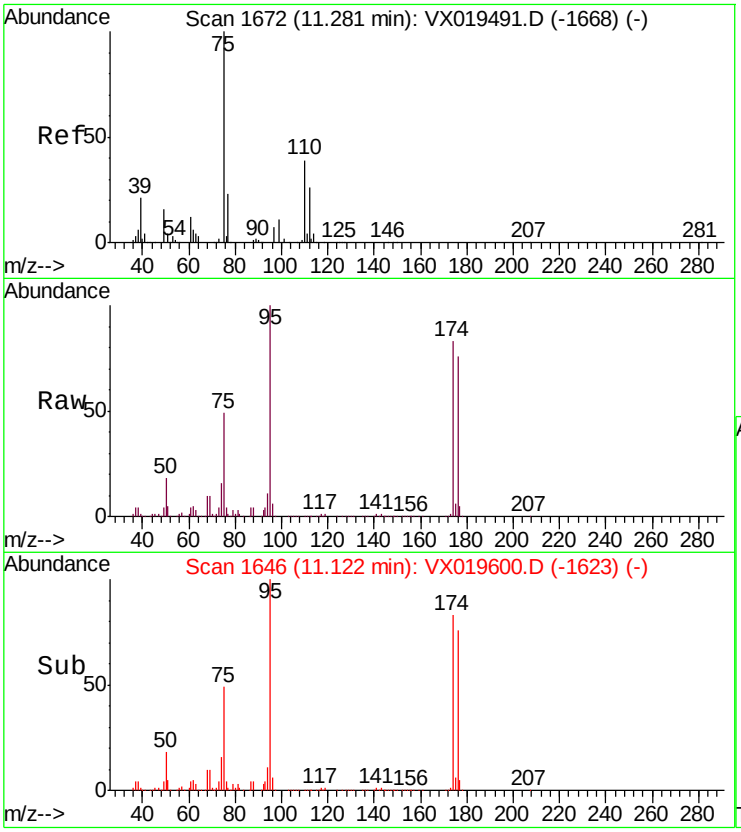


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion:152 Resp: 199346

Ion	Ratio	Lower	Upper
152	100		
115	61.0	41.8	125.4
150	158.3	0.0	348.2



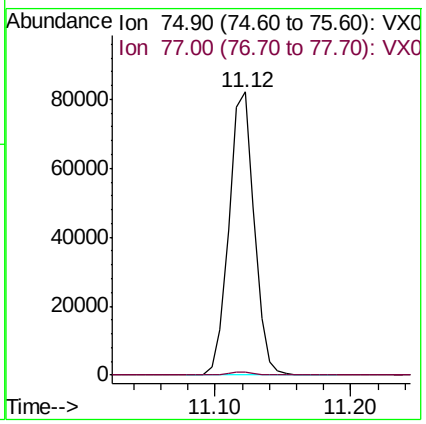


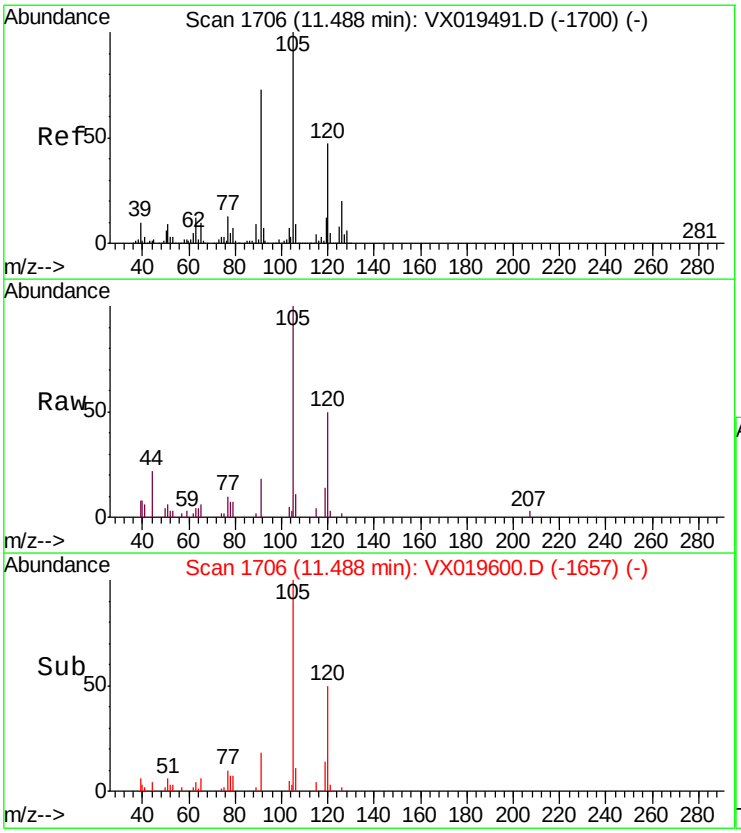
#76
1,2,3-Trichloropropane
Concen: 24.334 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion: 75 Resp: 105863

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	60.0#

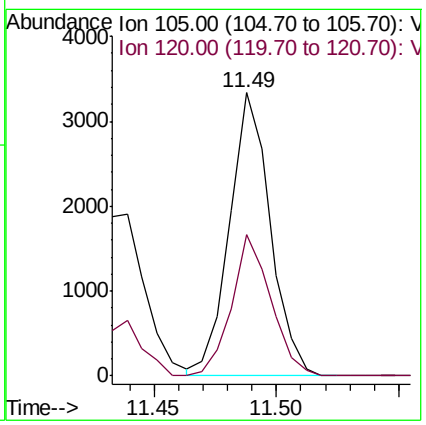


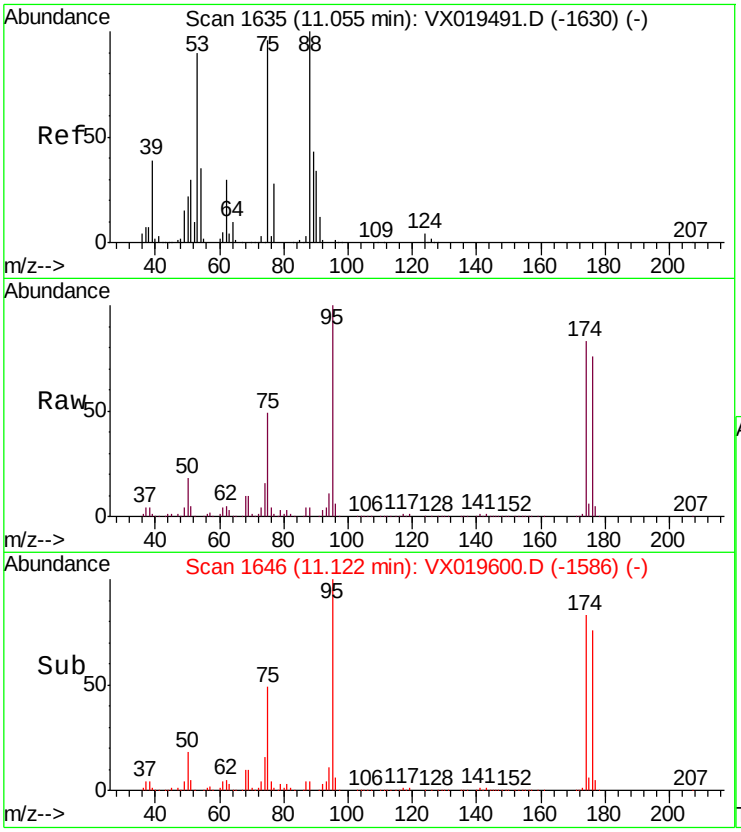


#80
1,3,5-Trimethylbenzene
Concen: 0.333 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion:105 Resp: 3857

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.1	72.3



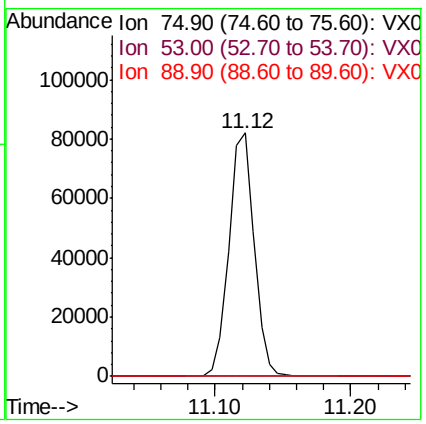


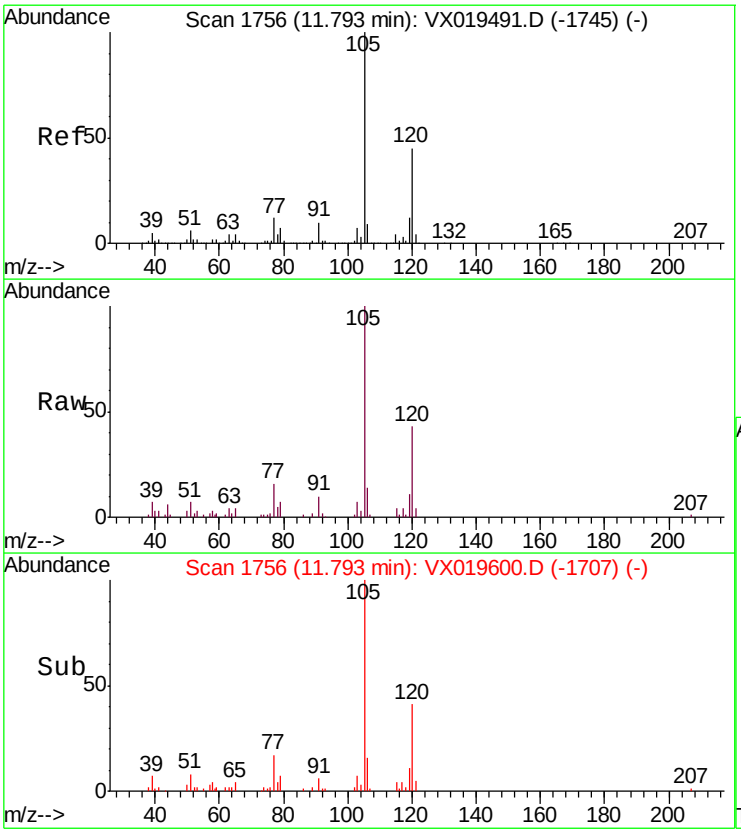
#81
trans-1,4-Dichloro-2-butene
Concen: 64.393 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion: 75 Resp: 105863

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.0	37.3	55.9#

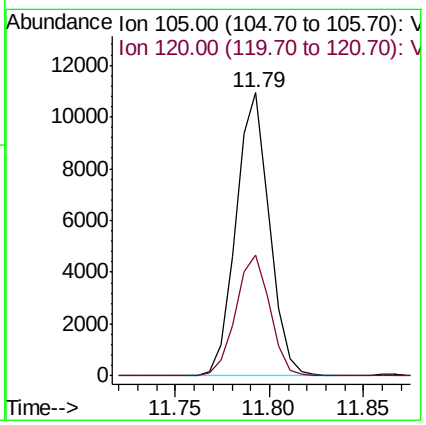


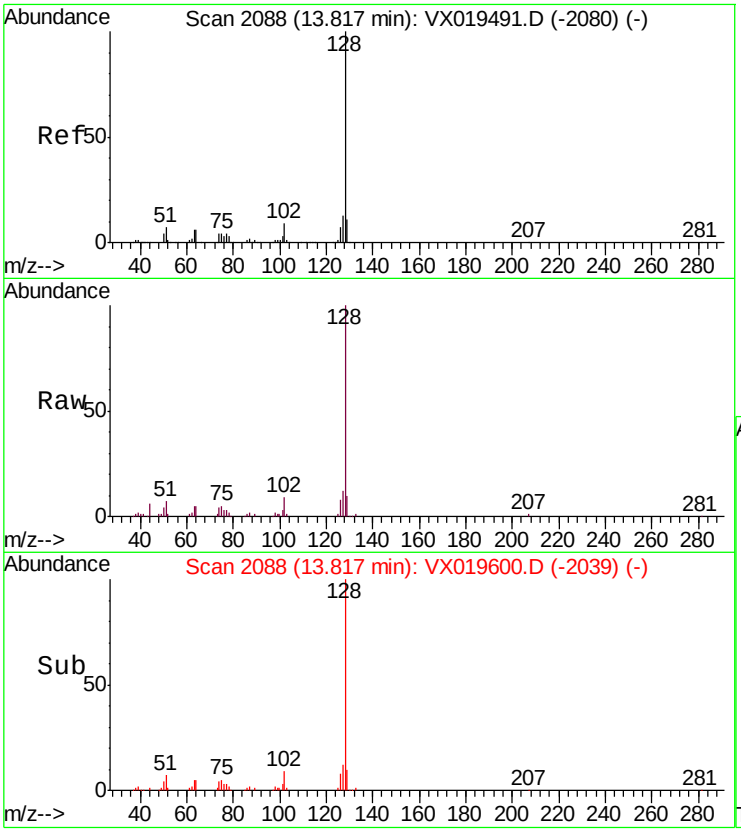


#84
1,2,4-Trimethylbenzene
Concen: 1.146 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Tgt Ion:105 Resp: 13411

Ion	Ratio	Lower	Upper
105	100		
120	43.5	22.2	66.6





#95
Naphthalene
Concen: 3.521 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019600.D
Acq: 24 Nov 2020 13:12

Instrument :
MSVOA_X
ClientSampleId :
16855

Tgt Ion:128 Resp: 20649

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.7	13.1