Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112520\
Data File : VX019652.D
Acq On : 25 Nov 2020 13:35
Operator : JC/MD
Sample : L4840-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 16857

Quant Time: Nov 27 04:04:48 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	5.63	168	310005	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	511007	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	477304	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211269	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	193730	48.20	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.40%				
35) Dibromofluoromethane	5.46	113	153153	47.75	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.50%				
50) Toluene-d8	8.70	98	613548	49.22	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.44%				
62) 4-Bromofluorobenzene	11.12	95	226845	50.58	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.16%				
Target Compounds							Qvalue
11) Tert butyl alcohol	3.01	59	8605	11.312	ug/l	#	91
16) Acetone	2.42	43	50952	32.779	ug/l		98
17) Carbon Disulfide	2.55	76	3202	0.387	ug/l	#	91
19) Methyl tert-butyl Ether	3.17	73	9821	0.924	ug/l		95
20) Methylene Chloride	2.83	84	2135	0.550	ug/l		92
22) Diisopropyl ether	3.82	45	2635	0.264	ug/l	#	93
25) 2-Butanone	4.65	43	3557	1.523	ug/l	#	82
29) Tetrahydrofuran	5.10	42	1883	1.264	ug/l		94
40) Benzene	6.11	78	7856	0.534	ug/l		92
44) Trichloroethene	7.18	130	1851	0.480	ug/l		86
51) 4-Methyl-2-Pentanone	8.62	43	2908	0.660	ug/l		93
52) Toluene	8.76	92	5331	0.592	ug/l		99
68) m/p-Xylenes	10.34	106	21641	3.379	ug/l		97
69) o-Xylene	10.68	106	54450	8.893	ug/l		100
80) 1,3,5-Trimethylbenzene	11.49	105	39689	3.237	ug/l		99
82) 4-Chlorotoluene	11.49	91	5520	0.461	ug/l	#	59
84) 1,2,4-Trimethylbenzene	11.79	105	45521	3.670	ug/l		98
86) p-Isopropyltoluene	12.05	119	5327	0.416	ug/l		85
95) Naphthalene	13.82	128	44269	4.895	ug/l	#	94

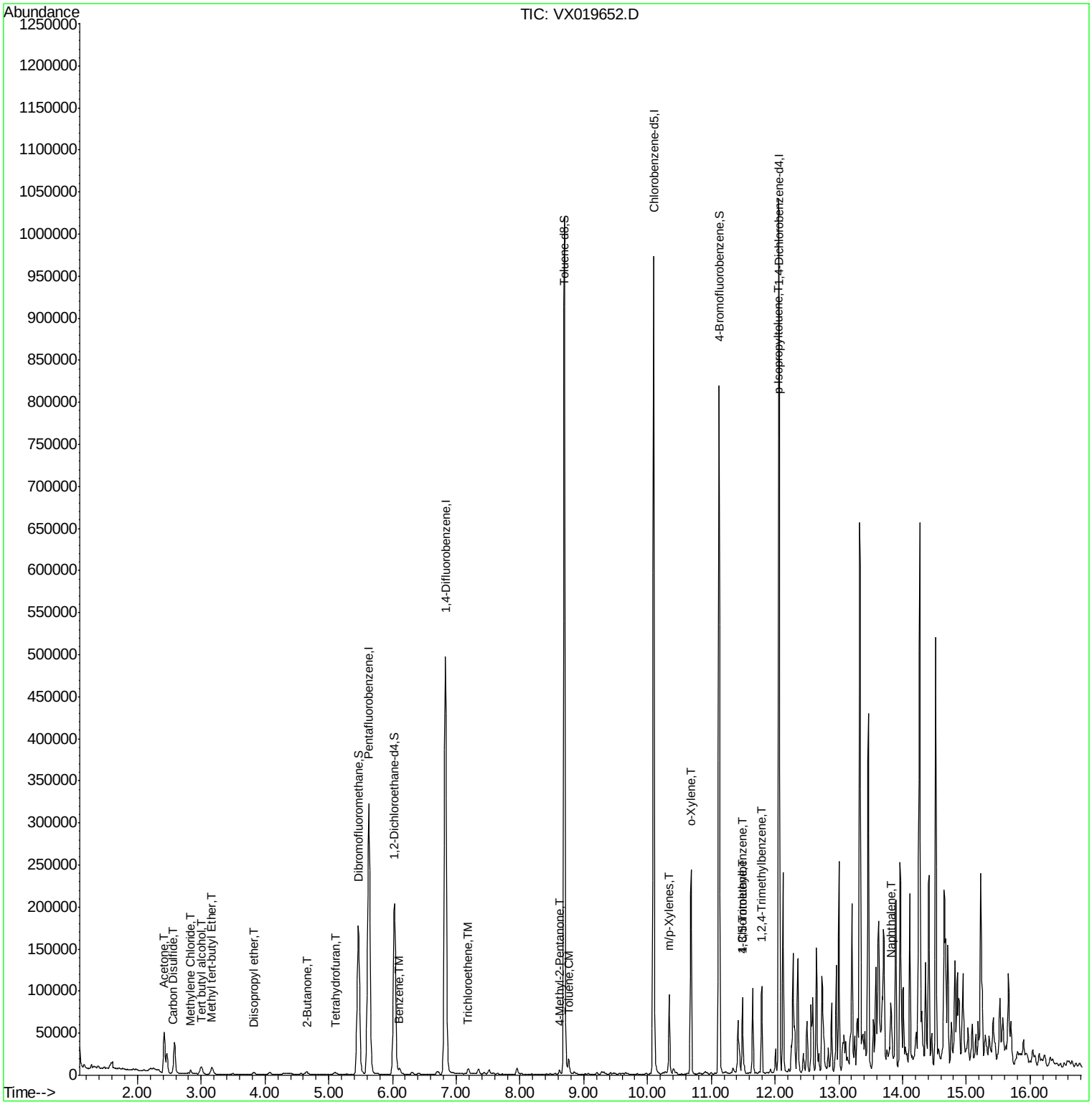
(#) = qualifier out of range (m) = manual integration (+) = signals summed

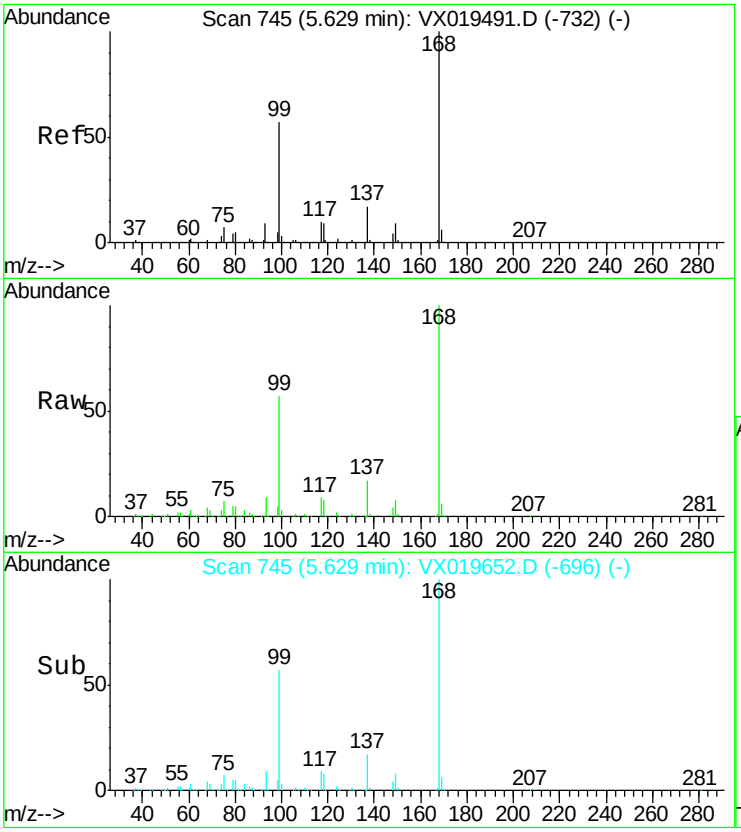
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112520\
Data File : VX019652.D
Acq On : 25 Nov 2020 13:35
Operator : JC/MD
Sample : L4840-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
16857

Quant Time: Nov 27 04:04:48 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



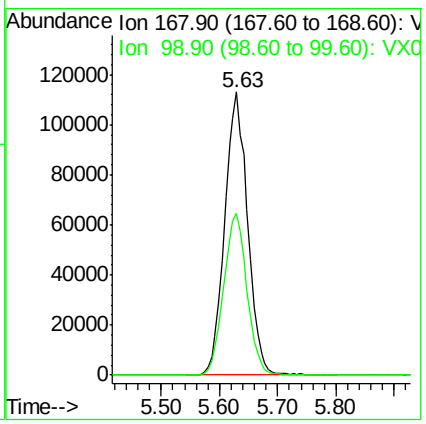


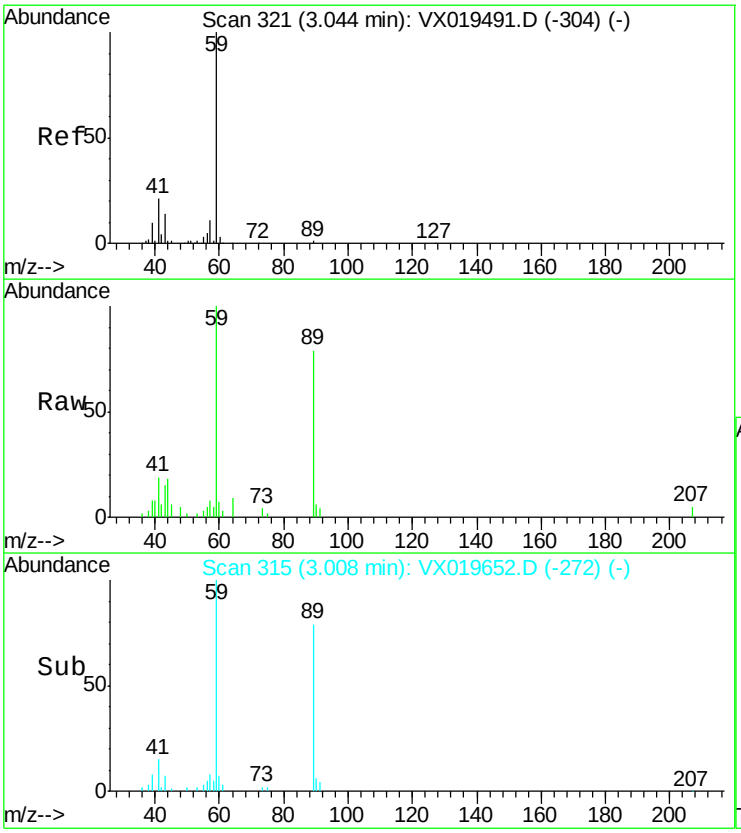
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
16857

Tgt Ion:168 Resp: 310005

Ion	Ratio	Lower	Upper
168	100		
99	57.0	45.8	68.6

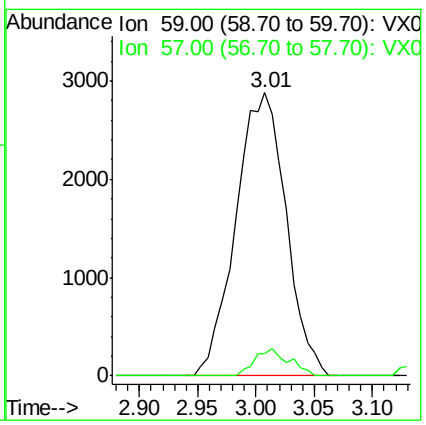


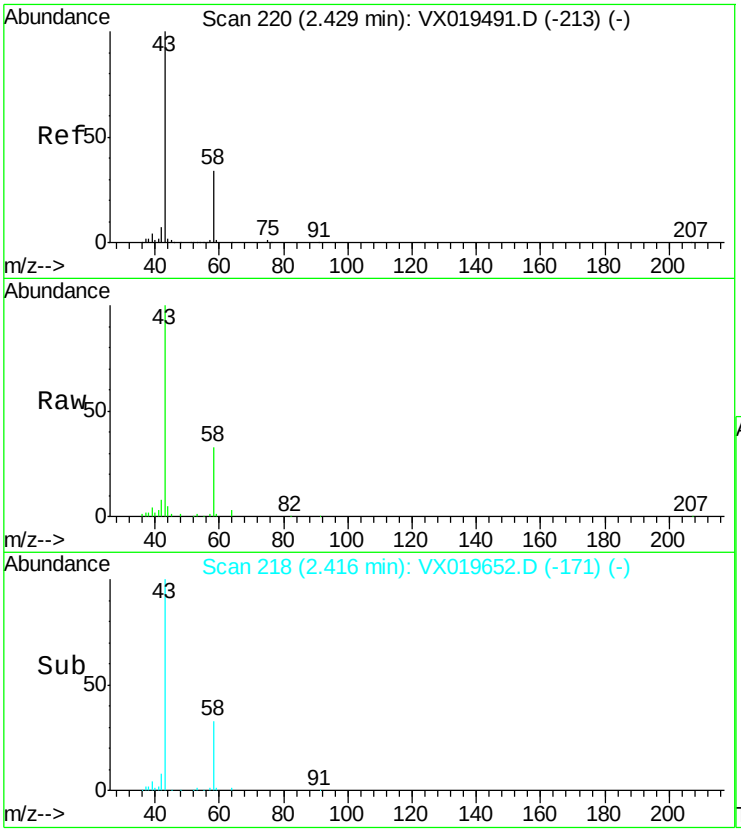


#11
Tert butyl alcohol
Concen: 11.312 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.04 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 59 Resp: 8605

Ion	Ratio	Lower	Upper
59	100		
57	6.6	7.9	11.9#



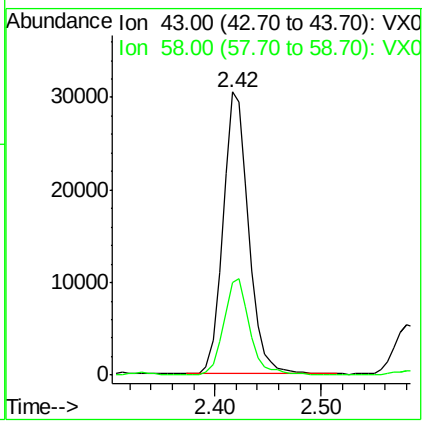


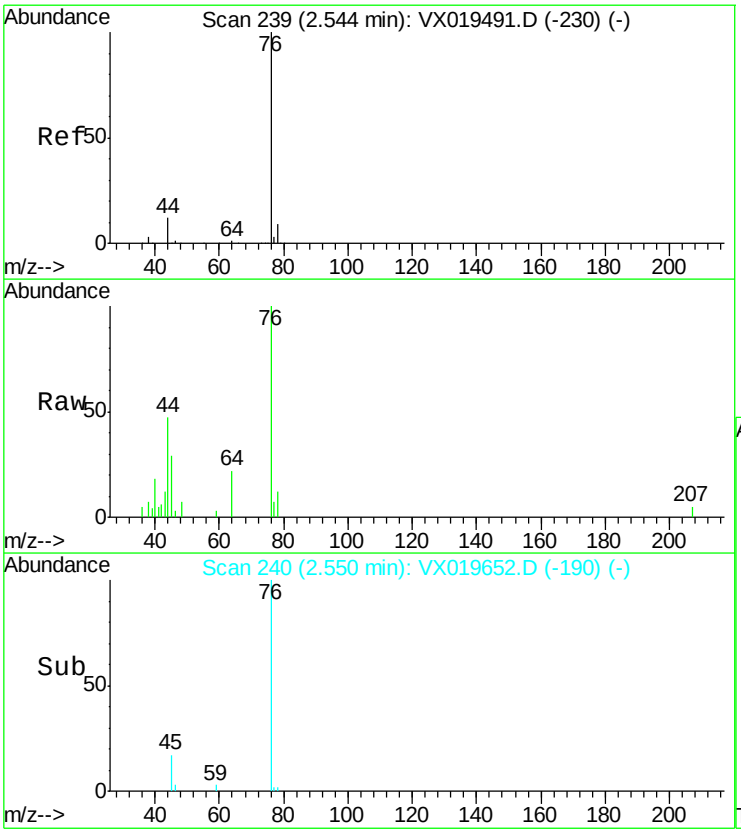
#16
Acetone
Concen: 32.779 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument : MSVOA_X
ClientSampleId : 16857

Tgt Ion: 43 Resp: 50952

Ion	Ratio	Lower	Upper
43	100		
58	33.1	27.4	41.2

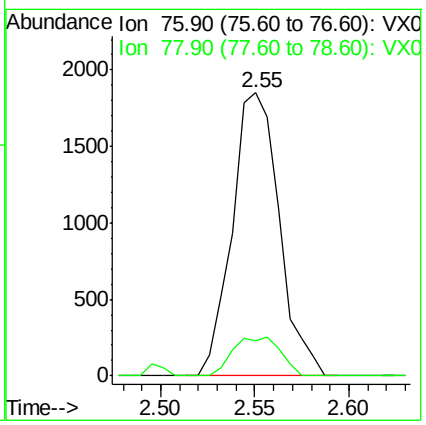


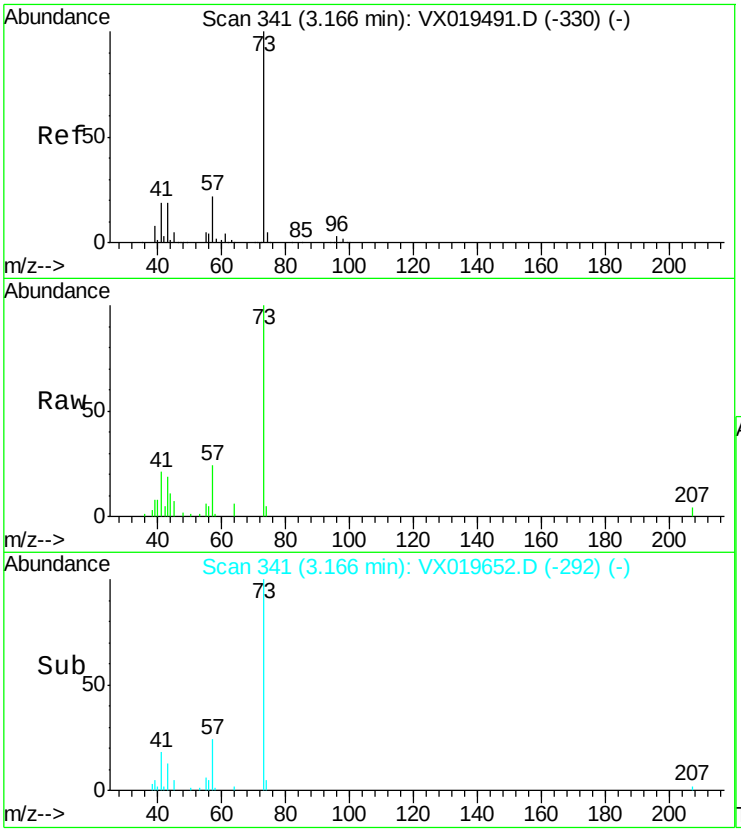


#17
Carbon Disulfide
Concen: 0.387 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 76 Resp: 3202

Ion	Ratio	Lower	Upper
76	100		
78	12.2	7.2	10.8#



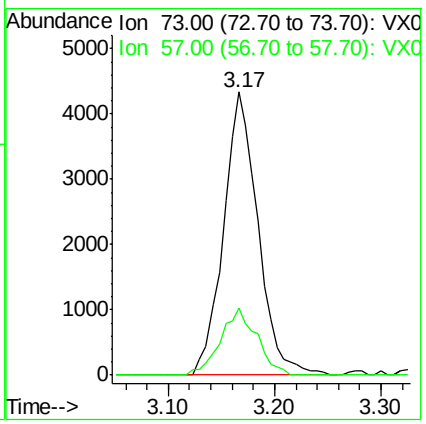


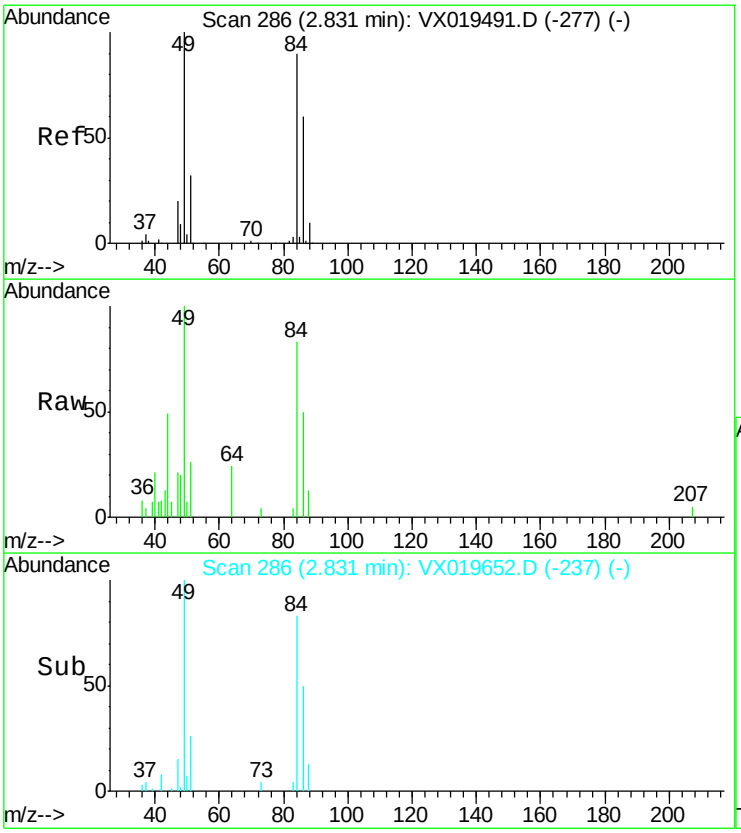
#19
Methyl tert-butyl Ether
Concen: 0.924 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
16857

Tgt Ion: 73 Resp: 9821

Ion	Ratio	Lower	Upper
73	100		
57	23.9	17.3	25.9

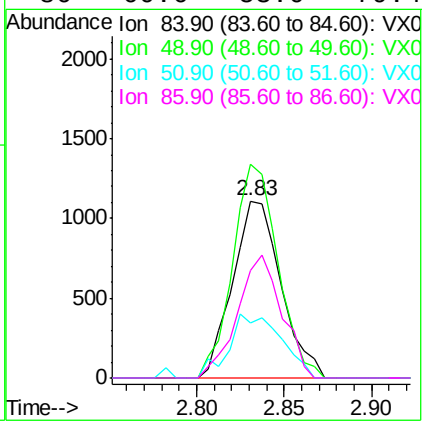


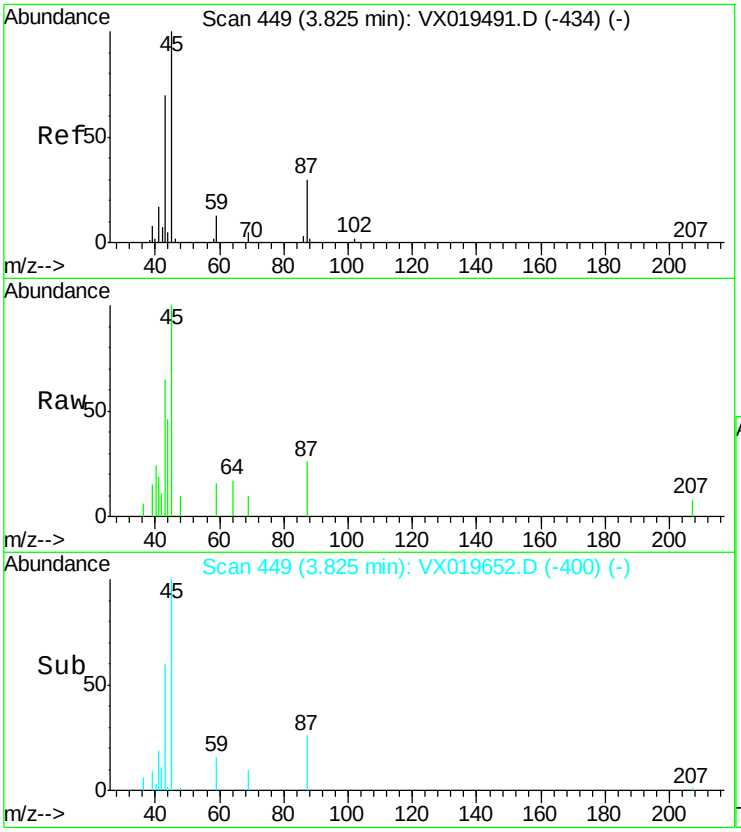


#20
Methylene Chloride
Concen: 0.550 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 84 Resp: 2135

Ion	Ratio	Lower	Upper
84	100		
49	120.6	88.5	132.7
51	31.0	28.0	42.0
86	60.6	53.0	79.4



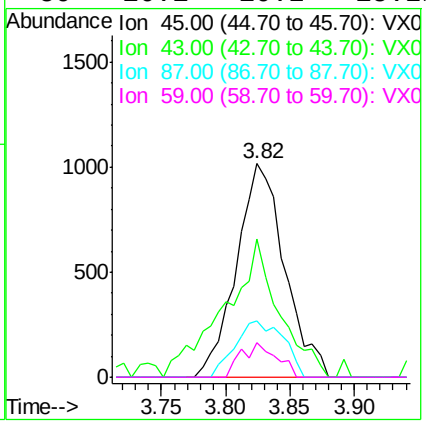


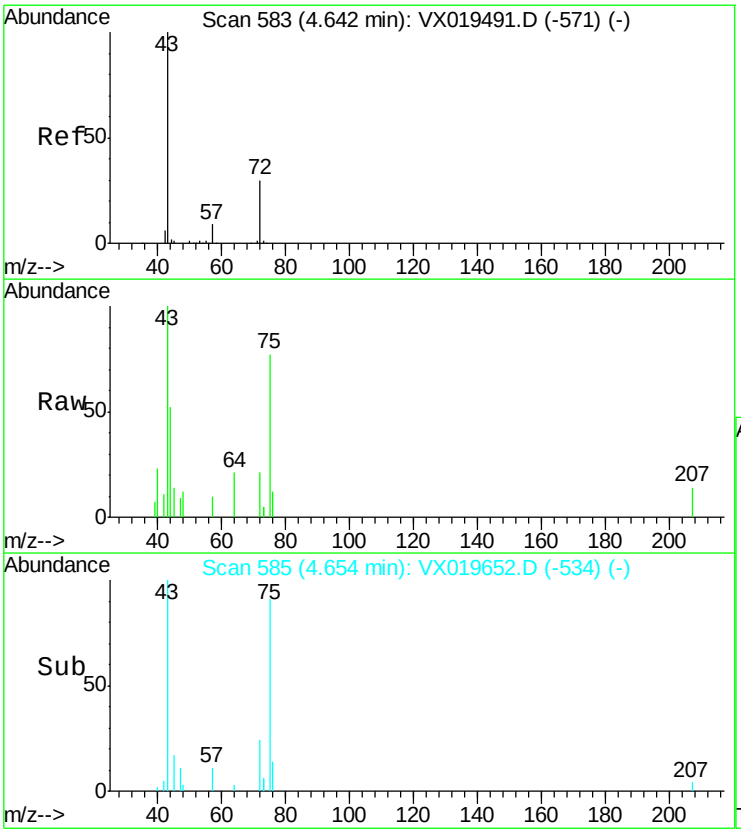
#22
Diisopropyl ether
Concen: 0.264 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
16857

Tgt Ion: 45 Resp: 2635

Ion	Ratio	Lower	Upper
45	100		
43	64.8	56.1	84.1
87	26.4	24.2	36.2
59	16.1	10.2	15.2#

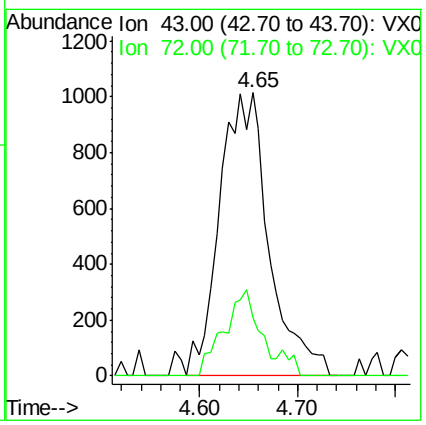


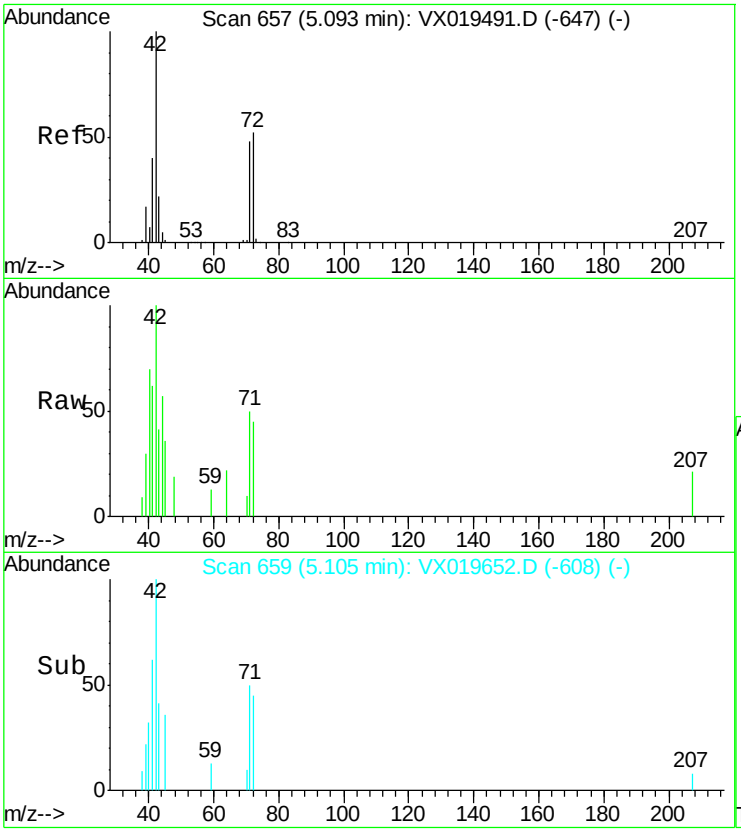


#25
2-Butanone
Concen: 1.523 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 43 Resp: 3557

Ion	Ratio	Lower	Upper
43	100		
72	20.5	24.0	36.0#



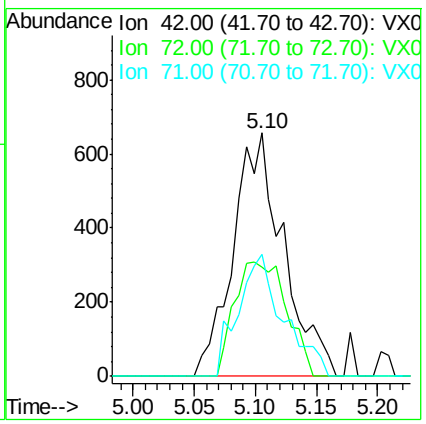


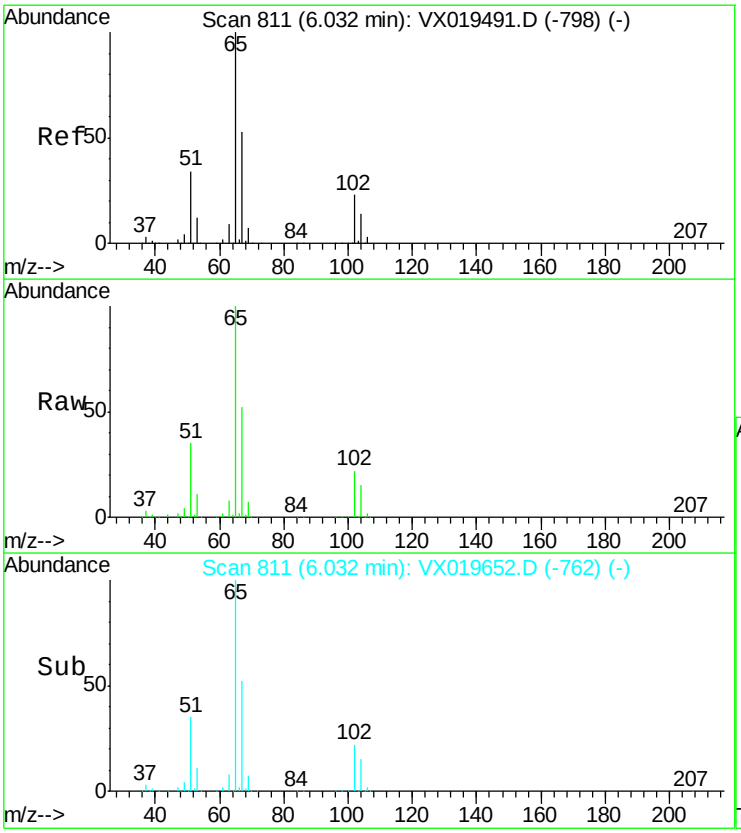
#29
Tetrahydrofuran
Concen: 1.264 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
16857

Tgt Ion: 42 Resp: 1883

Ion	Ratio	Lower	Upper
42	100		
72	48.6	42.6	63.8
71	45.1	39.0	58.6

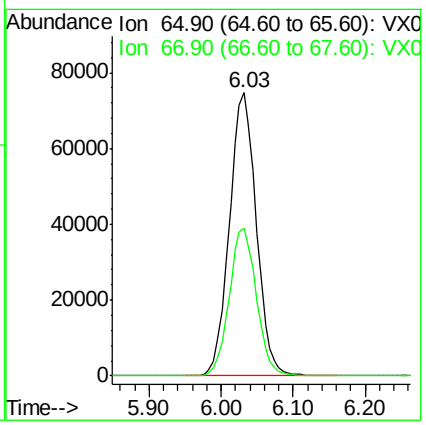


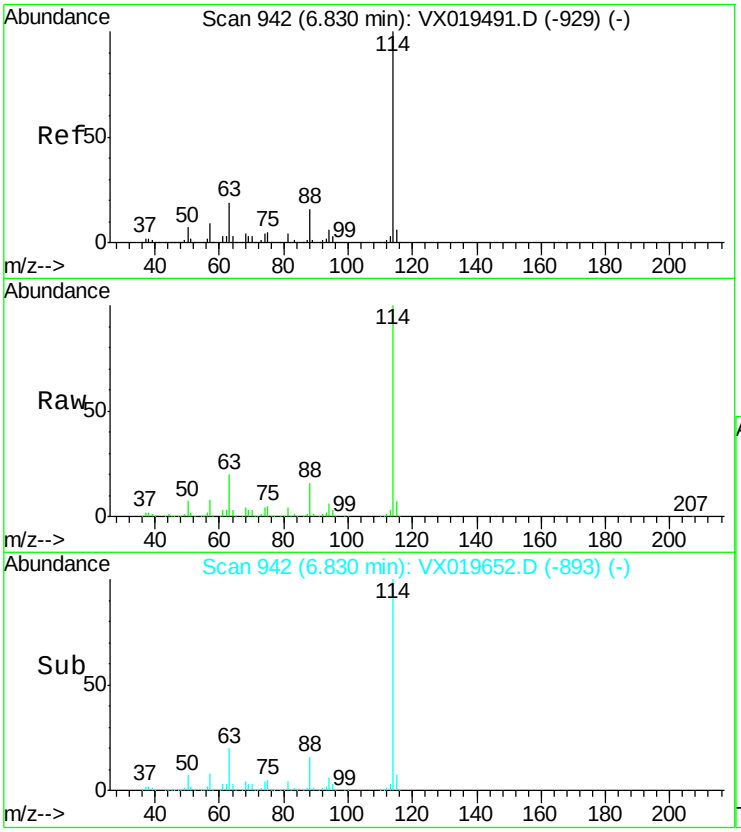


#33
1,2-Dichloroethane-d4
Concen: 48.198 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 65 Resp: 193730

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0



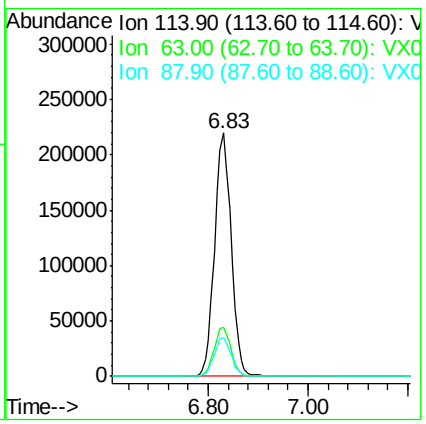


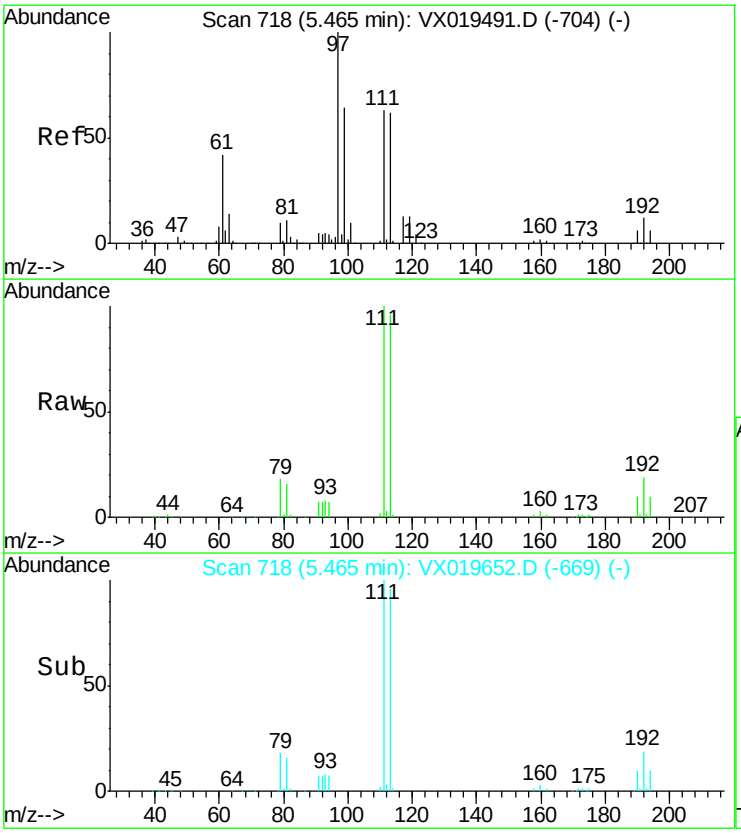
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
16857

Tgt Ion:114 Resp: 511007

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.8
88	15.7	0.0	31.6

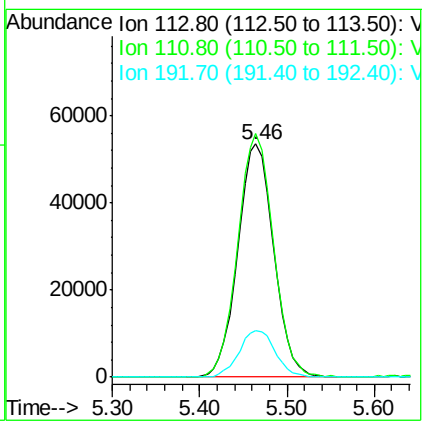


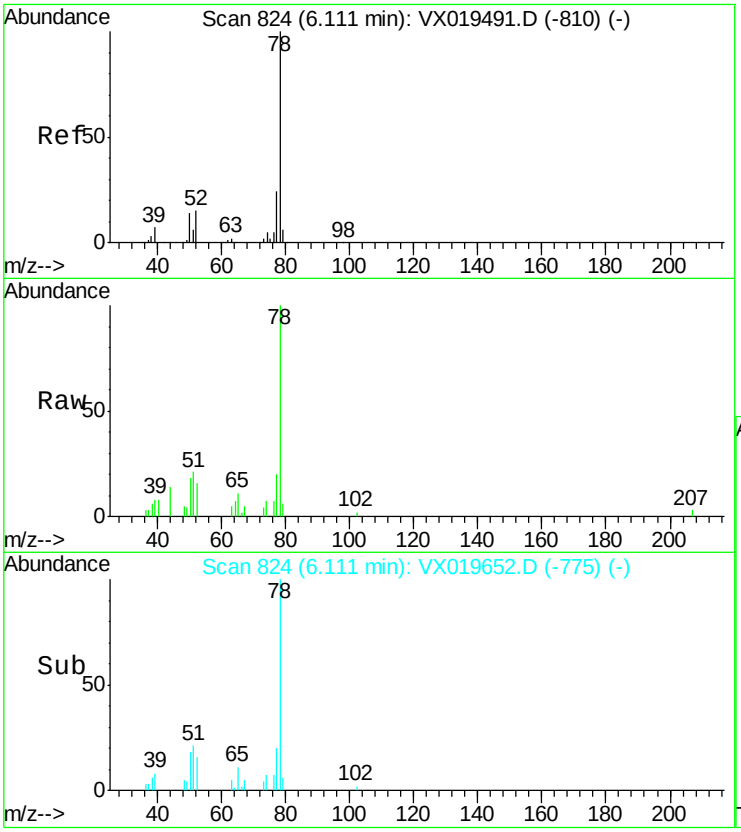


#35
Dibromofluoromethane
Concen: 47.747 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion:113 Resp: 153153

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.5	122.3
192	20.1	16.2	24.2



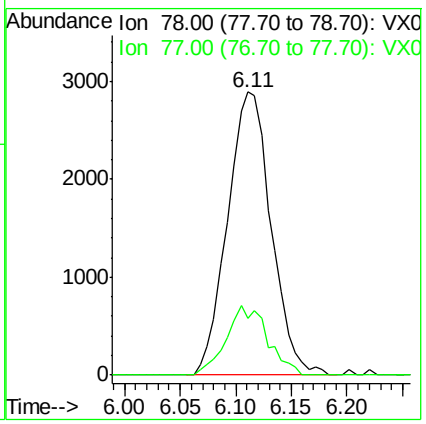


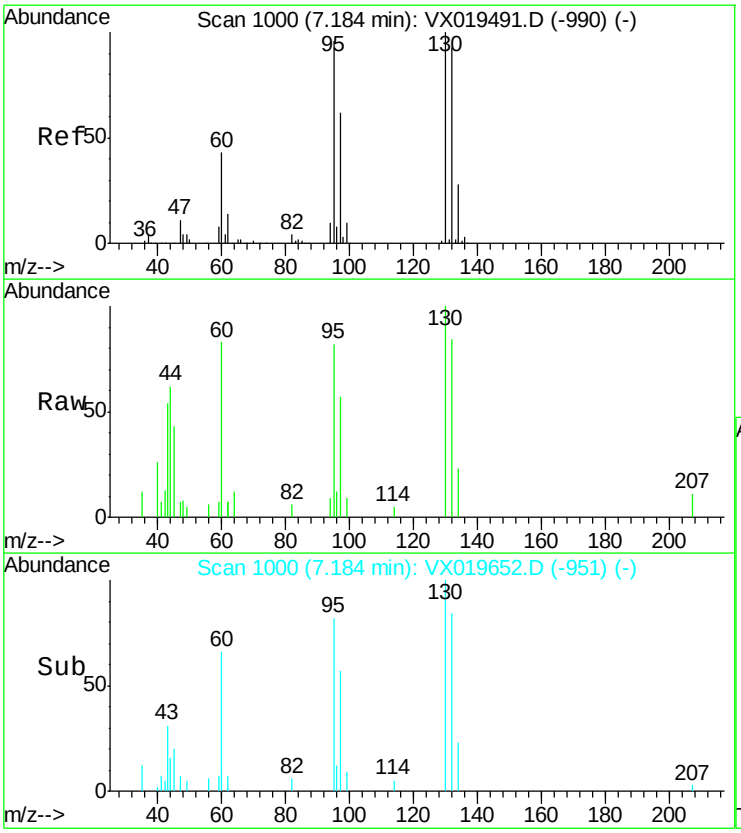
#40
Benzene
Concen: 0.534 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
16857

Tgt Ion: 78 Resp: 7856

Ion	Ratio	Lower	Upper
78	100		
77	19.8	18.9	28.3

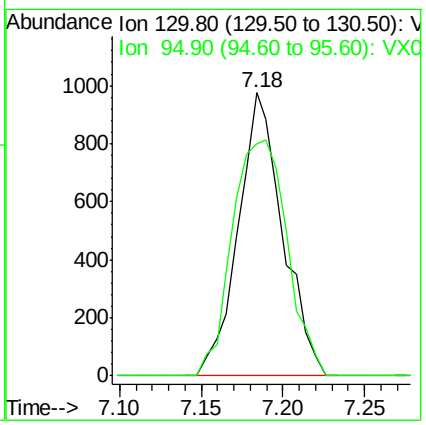


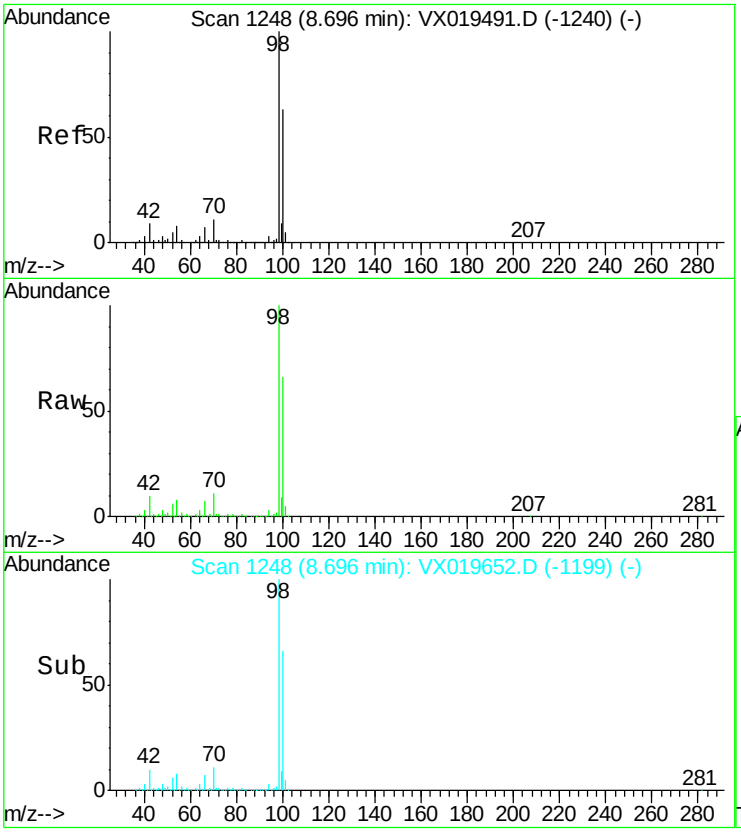


#44
Trichloroethene
Concen: 0.480 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion:130 Resp: 1851

Ion	Ratio	Lower	Upper
130	100		
95	82.2	0.0	191.2



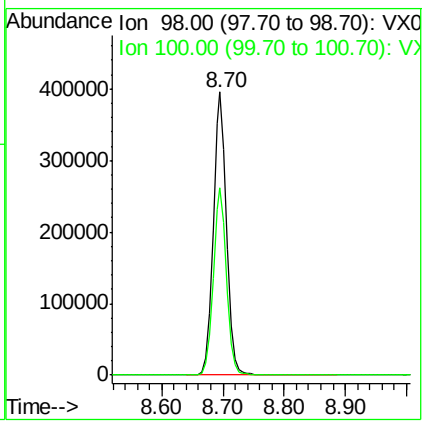


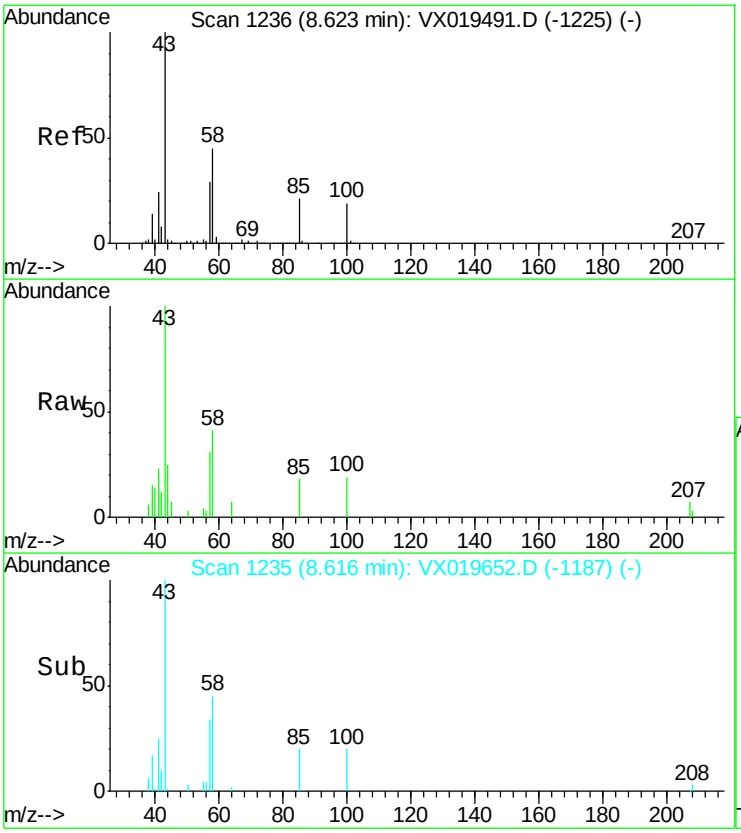
#50
Toluene-d8
Concen: 49.224 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
16857

Tgt Ion: 98 Resp: 613548

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6

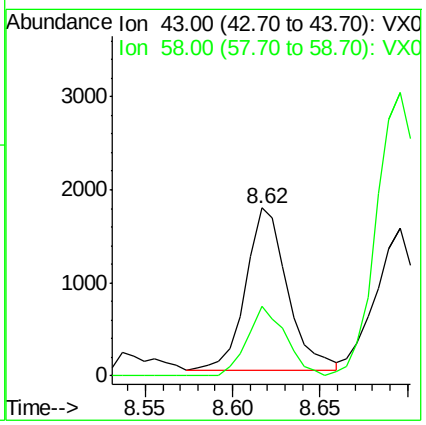


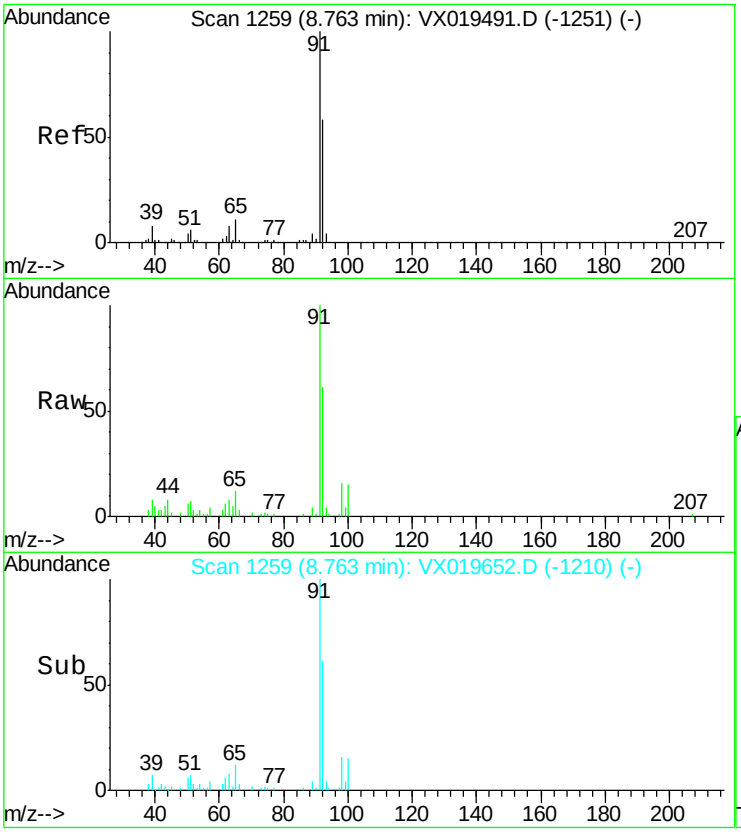


#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 43 Resp: 2908

Ion	Ratio	Lower	Upper
43	100		
58	39.5	35.1	52.7



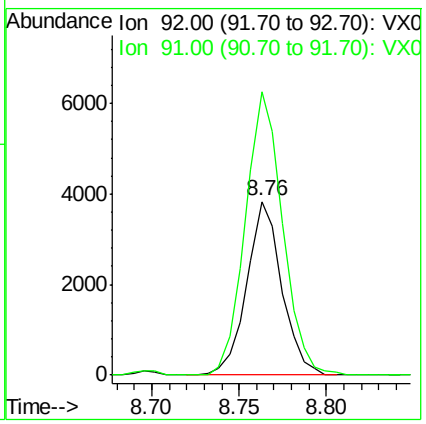


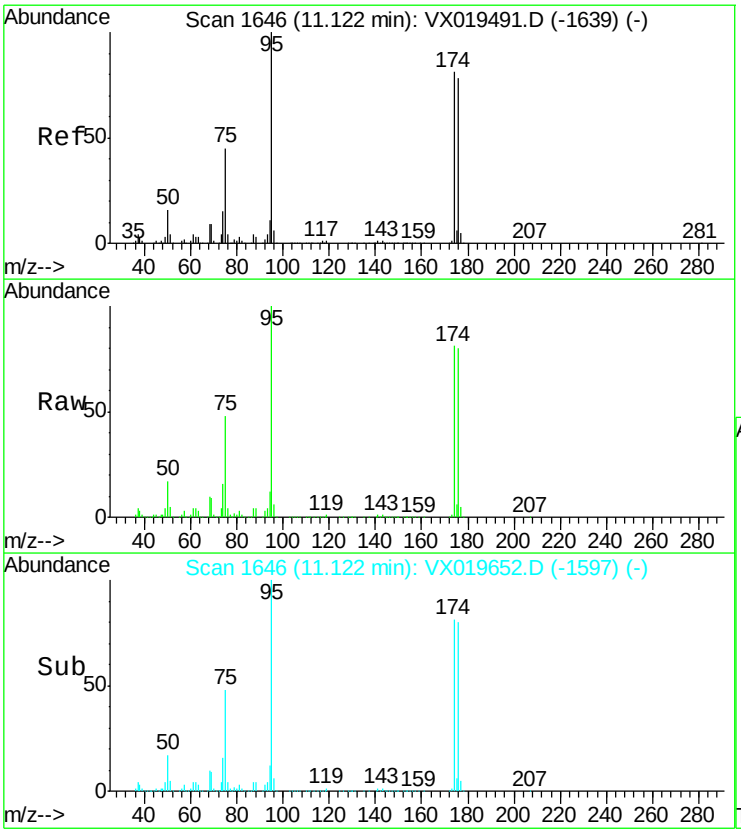
#52
Toluene
Concen: 0.592 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
16857

Tgt Ion: 92 Resp: 5331

Ion	Ratio	Lower	Upper
92	100		
91	173.4	138.1	207.1

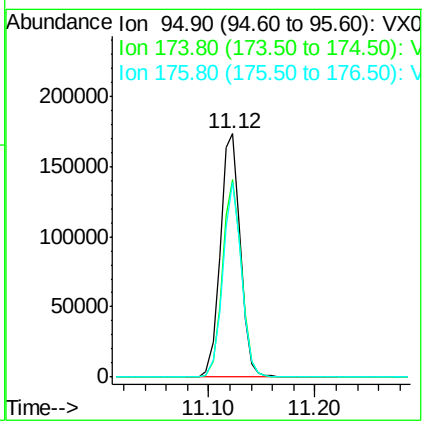


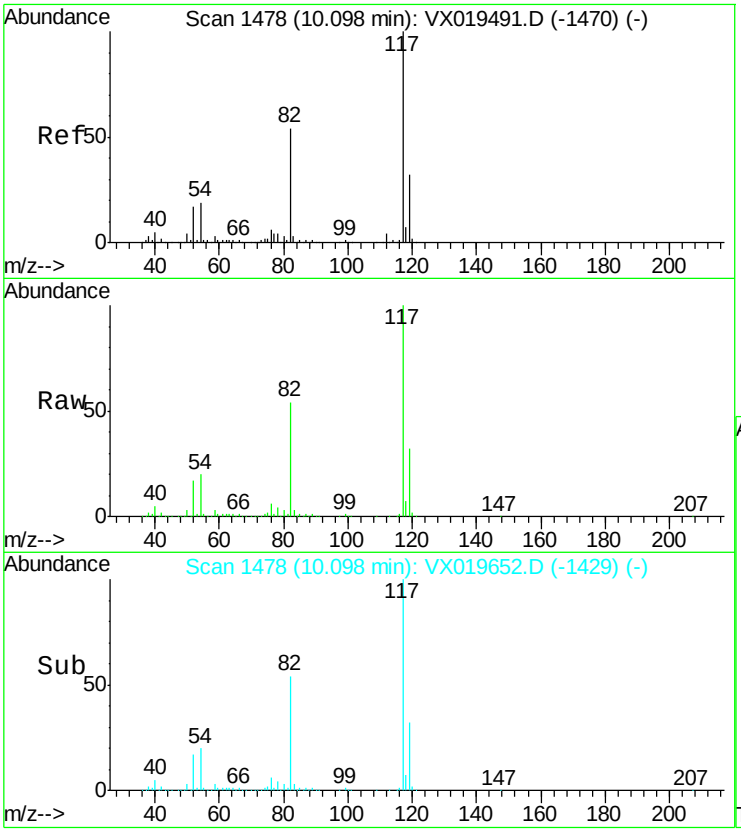


#62
4-Bromofluorobenzene
Concen: 50.584 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 95 Resp: 226845

Ion	Ratio	Lower	Upper
95	100		
174	77.5	0.0	156.2
176	74.8	0.0	151.4



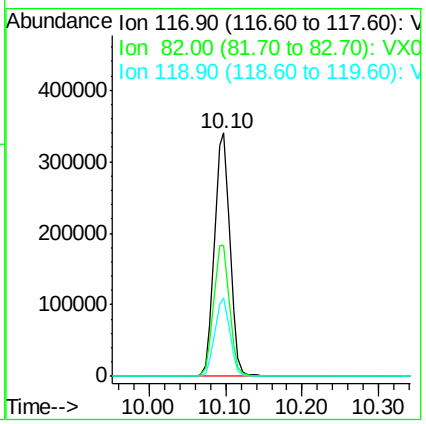


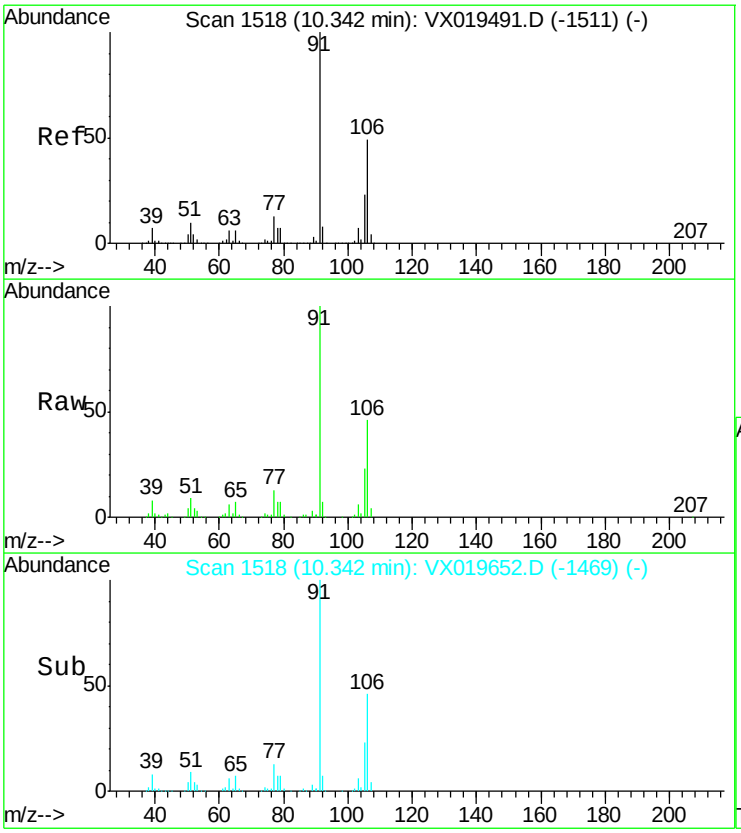
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument : MSVOA_X
ClientSampleId : 16857

Tgt Ion:117 Resp: 477304

Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.0	64.4
119	32.1	25.6	38.4

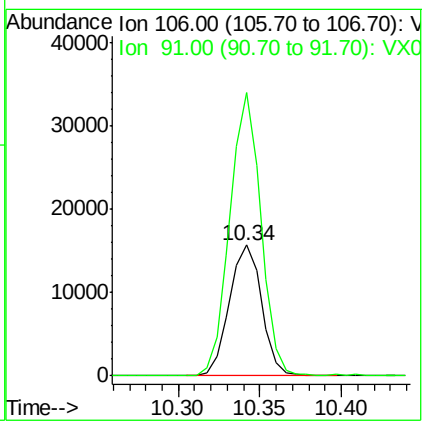


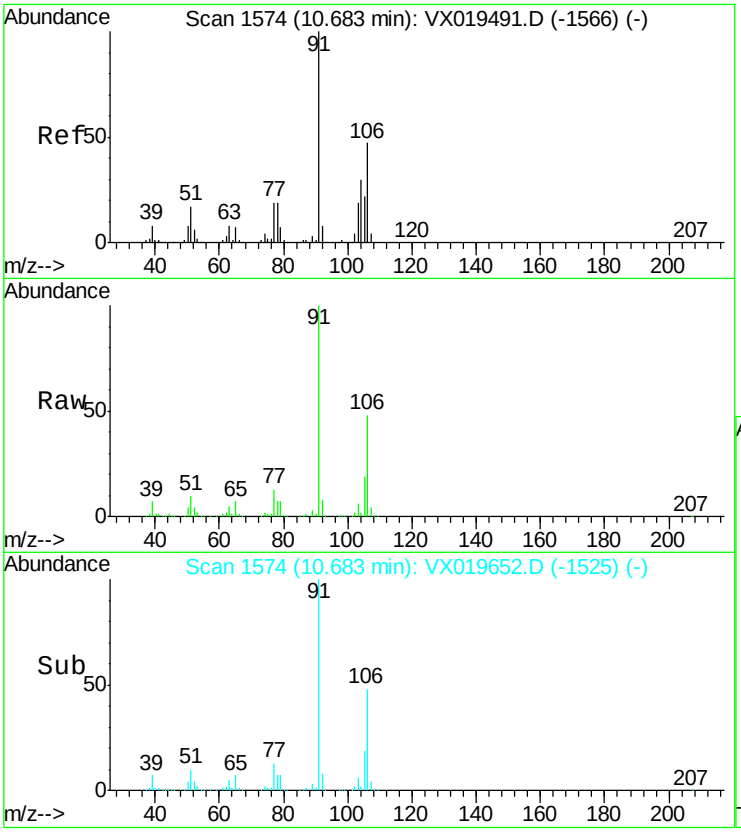


#68
m/p-Xylenes
Concen: 3.379 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion:106 Resp: 21641

Ion	Ratio	Lower	Upper
106	100		
91	208.6	163.3	244.9



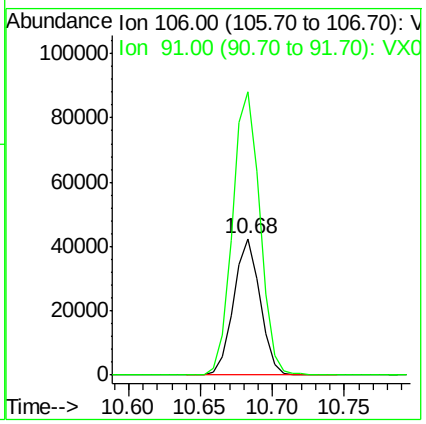


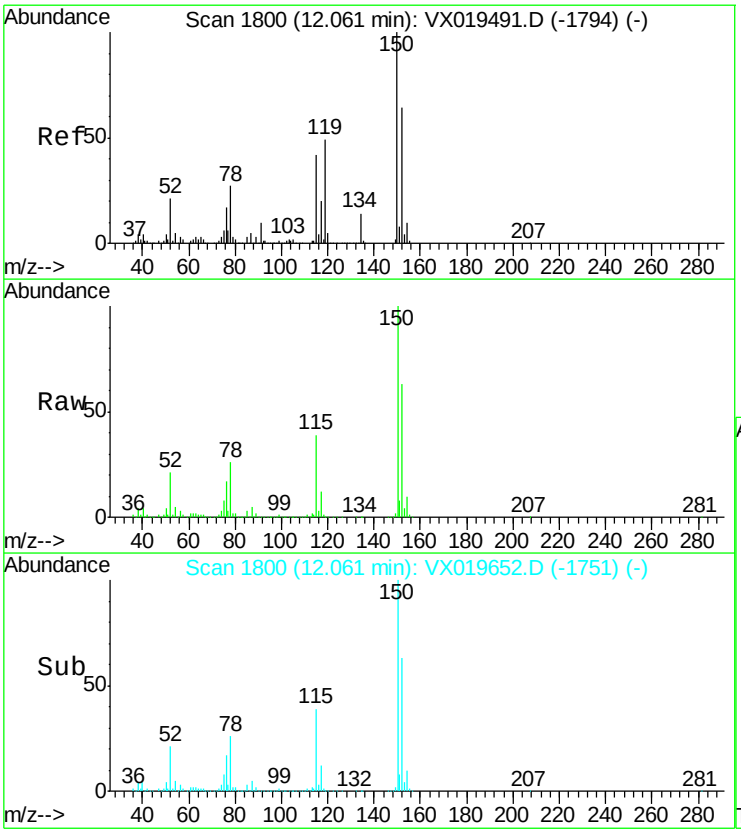
#69
o-Xylene
Concen: 8.893 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
16857

Tgt Ion:106 Resp: 54450

Ion	Ratio	Lower	Upper
106	100		
91	216.4	108.0	324.0

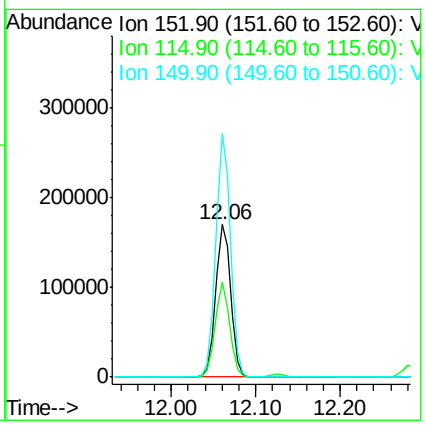


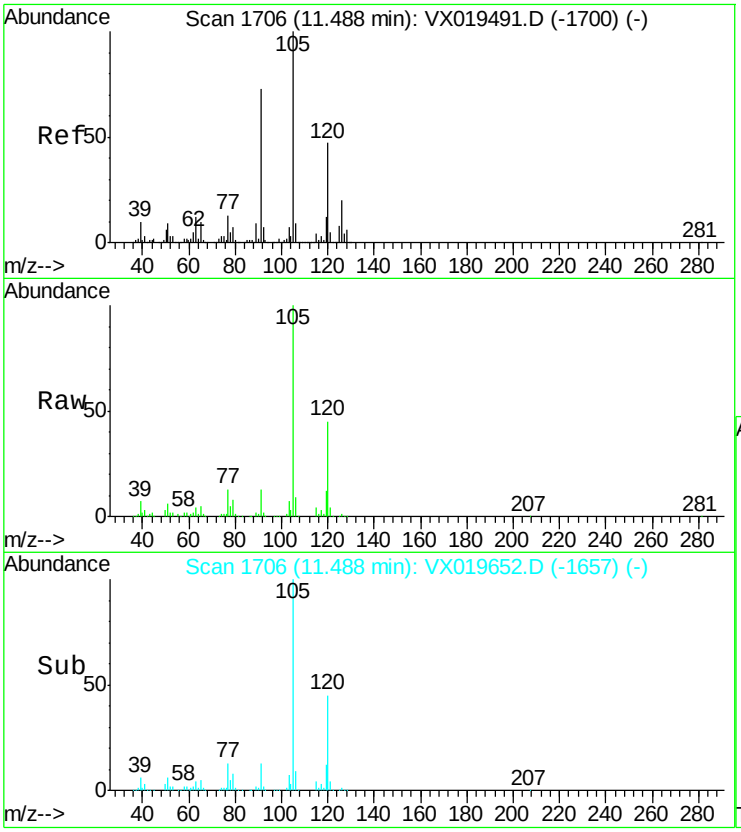


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion:152 Resp: 211269

Ion	Ratio	Lower	Upper
152	100		
115	59.9	41.8	125.4
150	156.9	0.0	348.2



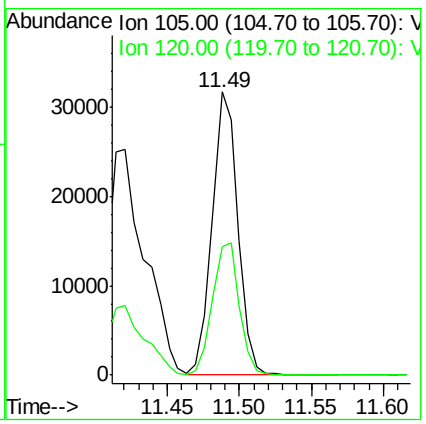


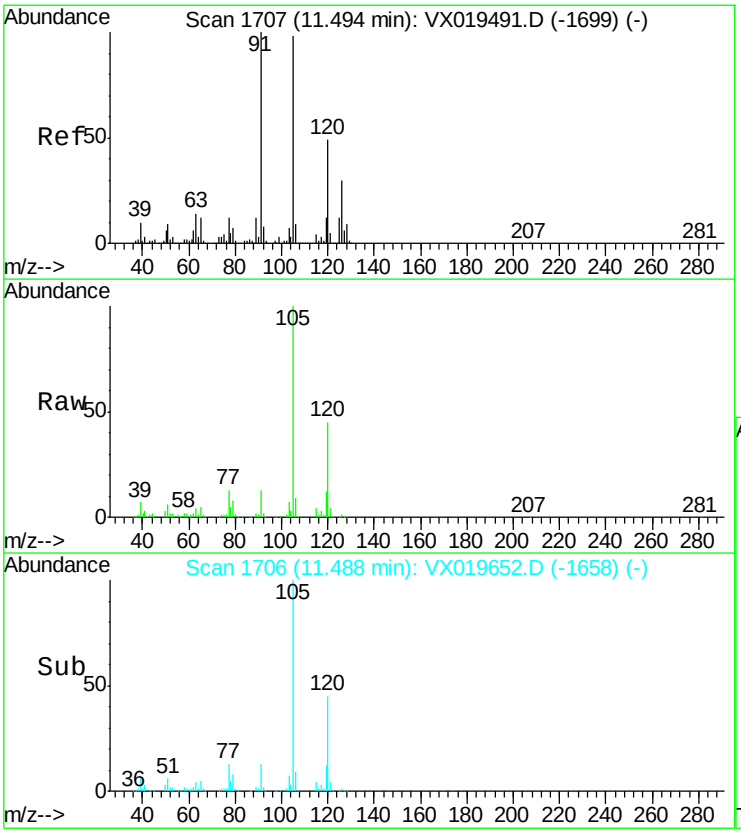
#80
1,3,5-Trimethylbenzene
Concen: 3.237 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
16857

Tgt Ion:105 Resp: 39689

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.1	72.3

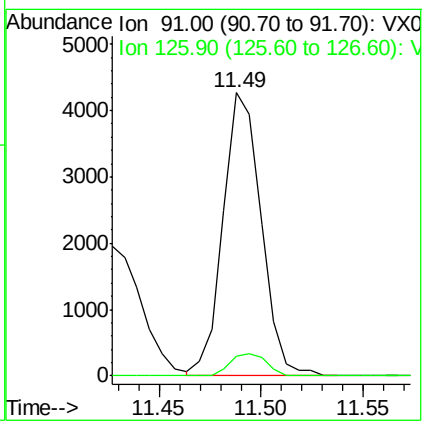


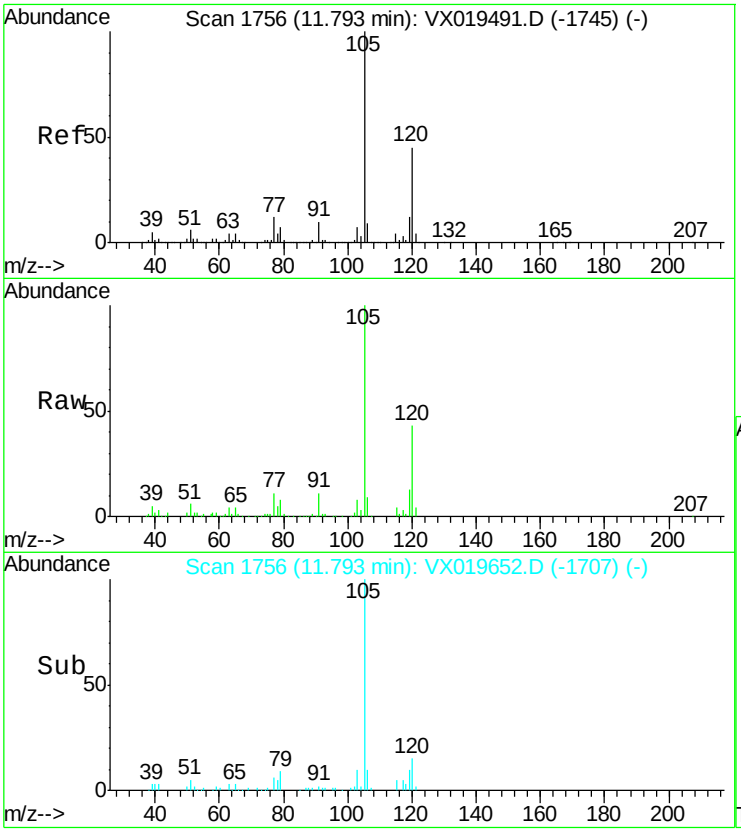


#82
4-Chlorotoluene
Concen: 0.461 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion: 91 Resp: 5520

Ion	Ratio	Lower	Upper
91	100		
126	7.5	14.9	44.7#



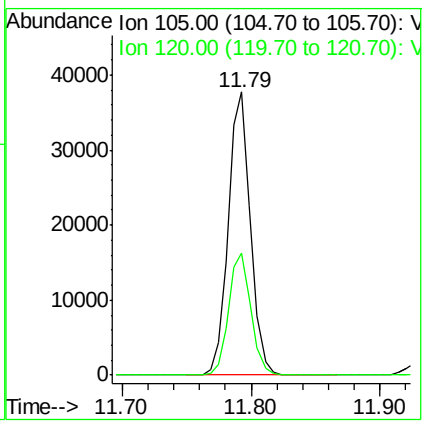


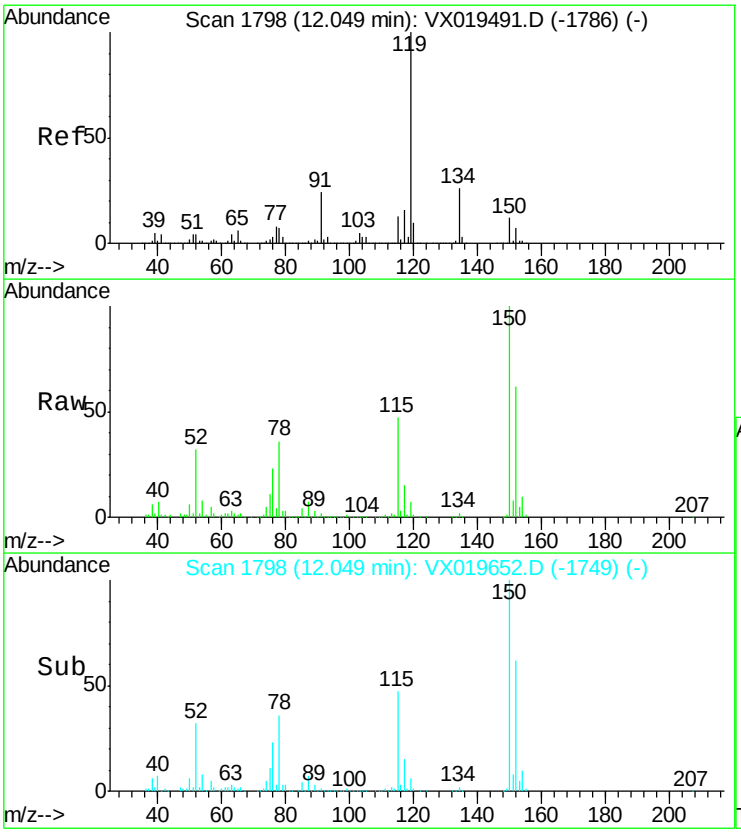
#84
1,2,4-Trimethylbenzene
Concen: 3.670 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
16857

Tgt Ion:105 Resp: 45521

Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.2	66.6

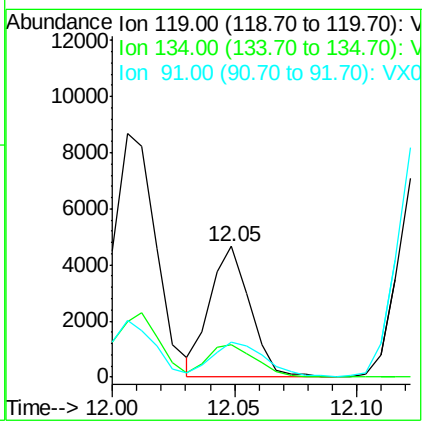


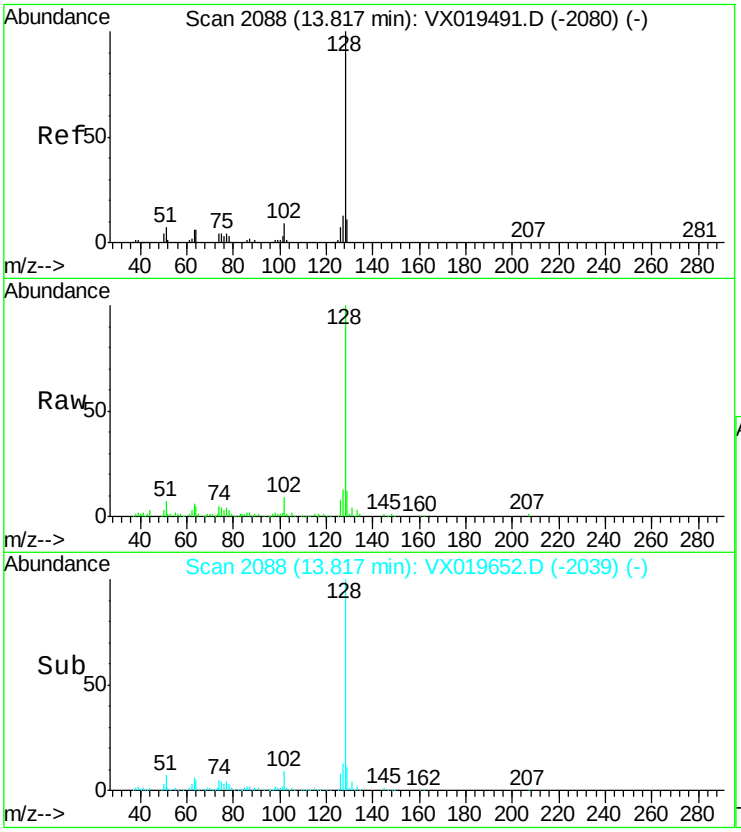


#86
p-Isopropyltoluene
Concen: 0.416 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Tgt Ion:119 Resp: 5327

Ion	Ratio	Lower	Upper
119	100		
134	29.6	13.1	39.3
91	35.4	11.8	35.4





#95
Naphthalene
Concen: 4.895 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019652.D
Acq: 25 Nov 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
16857

Tgt Ion:128 Resp: 44269

Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.3	15.5
129	14.1	8.7	13.1#