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

Quantitation Report (Not Reviewed)

Data File : VX019641.D
Acq On : 25 Nov 2020 05:51
Operator : JC/MD
Sample : L4835-23
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-318.9-20201119

Quant Time: Nov 25 06:59:46 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	295616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	493408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	187368	48.88	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 97.76%			
35) Dibromofluoromethane	5.46	113	147542	47.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.28%			
50) Toluene-d8	8.70	98	589115	48.95	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.90%			
62) 4-Bromofluorobenzene	11.12	95	201831	46.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.22%			
Target Compounds						Qvalue
6) Chloroethane	1.67	64	1216	Below Cal	#	41
11) Tert butyl alcohol	3.00	59	886	1.221	ug/l #	73
13) Acrolein	2.28	56	142	0.291	ug/l #	46
16) Acetone	2.42	43	4930	3.326	ug/l	97
18) Methyl Acetate	2.76	43	662	0.814	ug/l #	59
25) 2-Butanone	4.65	43	759	0.341	ug/l #	45
28) Bromochloromethane	5.17	49	2167	0.779	ug/l #	8
29) Tetrahydrofuran	5.10	42	386	0.272	ug/l #	30
30) Chloroform	5.17	83	29901	4.915	ug/l	99
31) Cyclohexane	5.62	56	5744	1.152	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	22366	4.835	ug/l #	50
38) Carbon Tetrachloride	5.63	117	29373	6.560	ug/l #	16
44) Trichloroethene	7.18	130	824	0.221	ug/l	95
47) Bromodichloromethane	7.87	83	6705	1.443	ug/l #	97
49) 1,4-Dioxane	7.73	88	204	2.628	ug/l #	95
51) 4-Methyl-2-Pentanone	8.61	43	1313	0.308	ug/l #	32
60) Dibromochloromethane	9.56	129	2061	0.594	ug/l	99
71) Bromoform	10.84	173	275	3.693	ug/l #	28
76) 1,2,3-Trichloropropane	11.12	75	98305	25.268	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	98305	66.702	ug/l #	12
95) Naphthalene	13.81	128	249	2.196	ug/l #	69

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

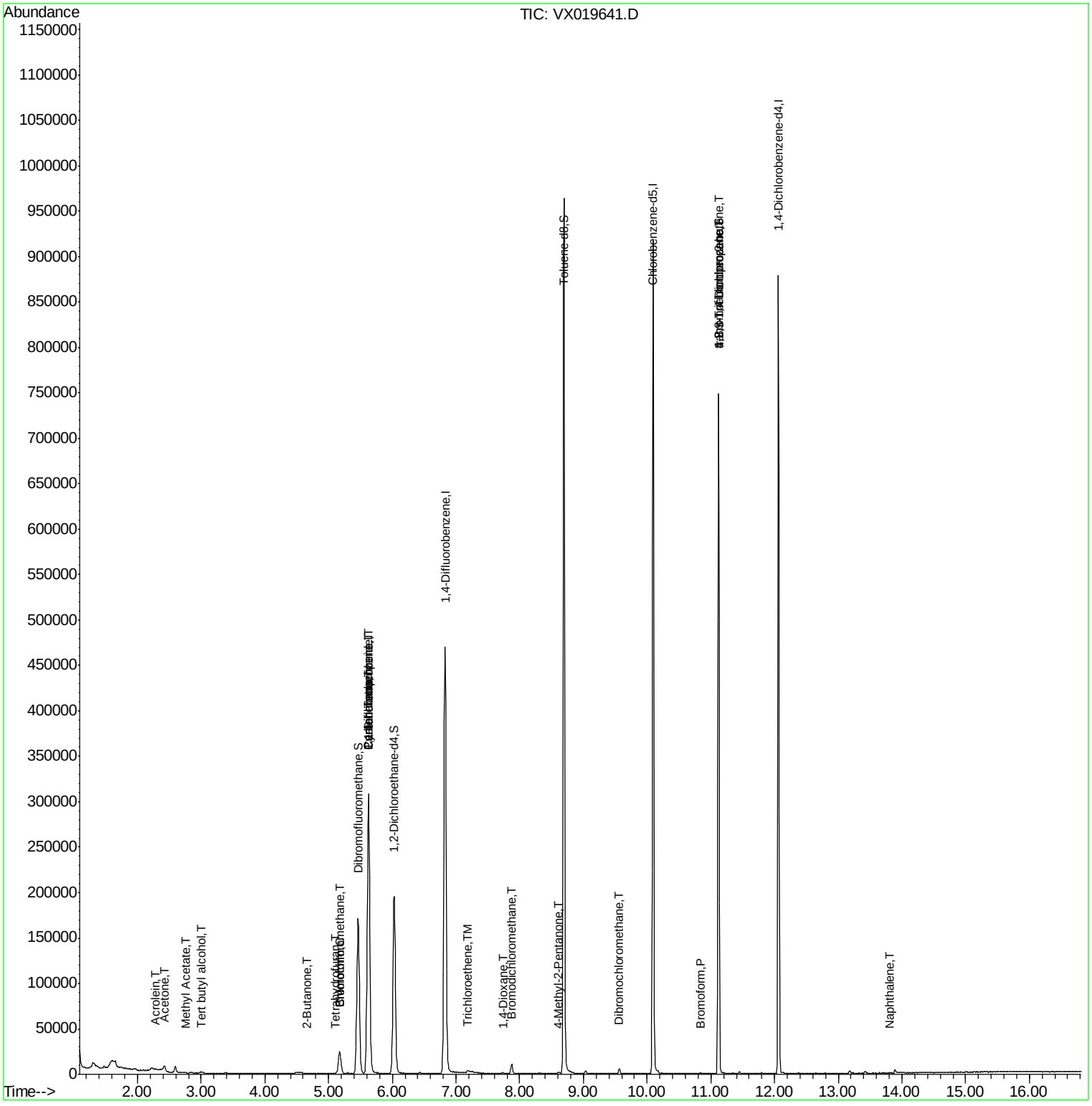
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112420\

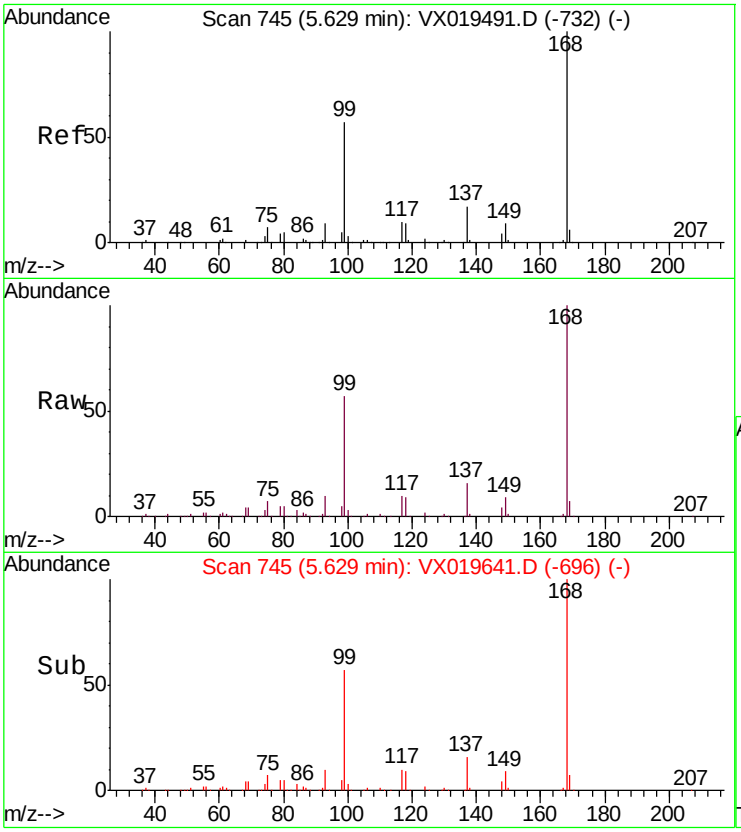
Quantitation Report (Not Reviewed)

Data File : VX019641.D
Acq On : 25 Nov 2020 05:51
Operator : JC/MD
Sample : L4835-23
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Quant Time: Nov 25 06:59:46 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



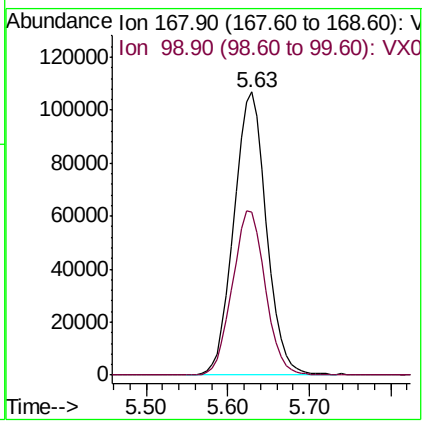


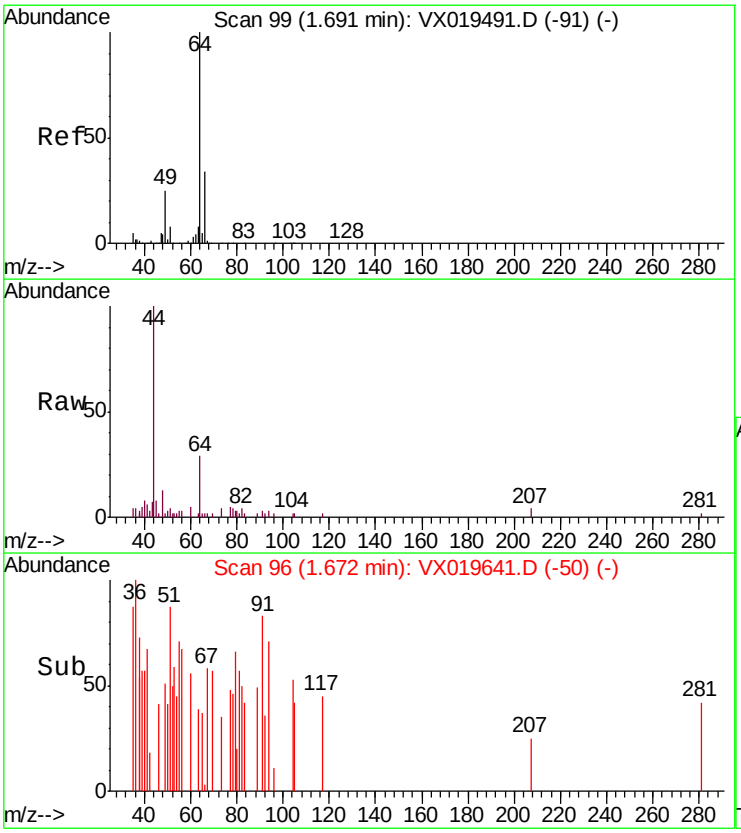
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion:168 Resp: 295616

Ion	Ratio	Lower	Upper
168	100		
99	57.5	45.8	68.6

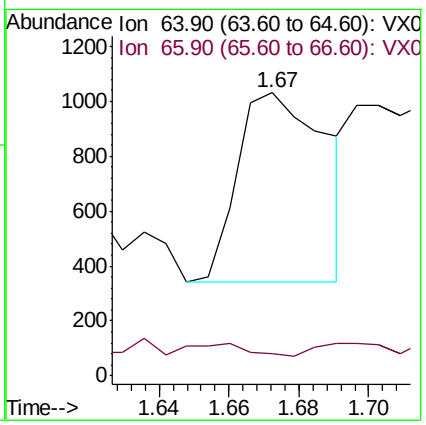


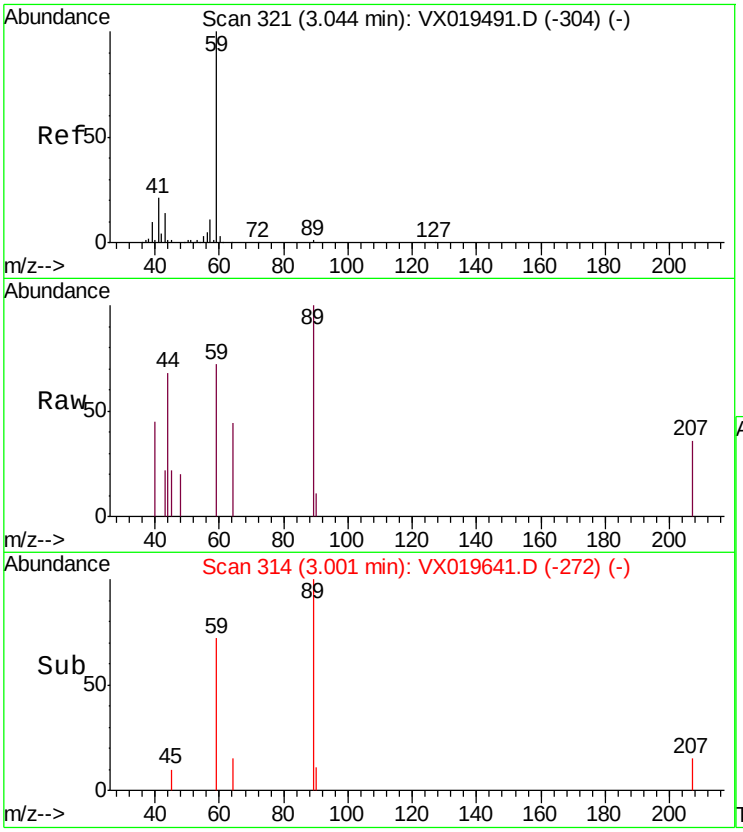


#6
Chloroethane
Concen: Below Cal
RT: 1.67 min Scan# 96
Delta R.T. -0.02 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion: 64 Resp: 1216

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.1	40.7#



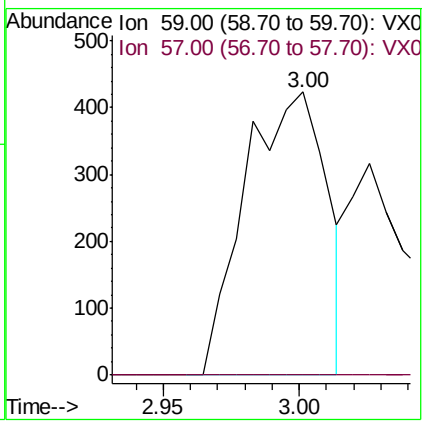


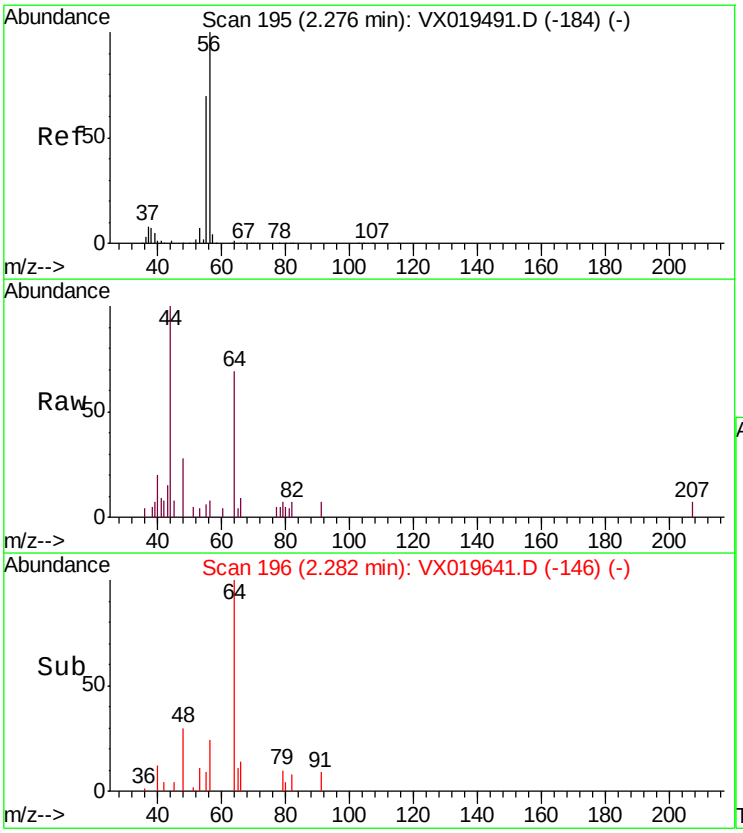
#11
Tert butyl alcohol
Concen: 1.221 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.04 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion: 59 Resp: 886

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

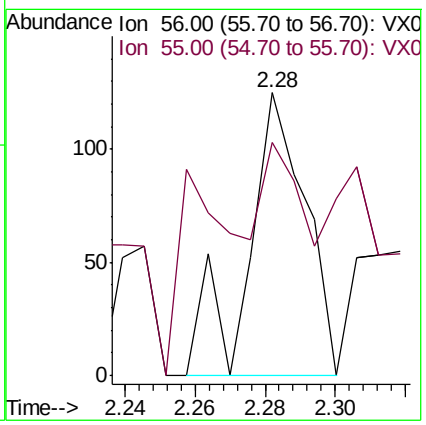


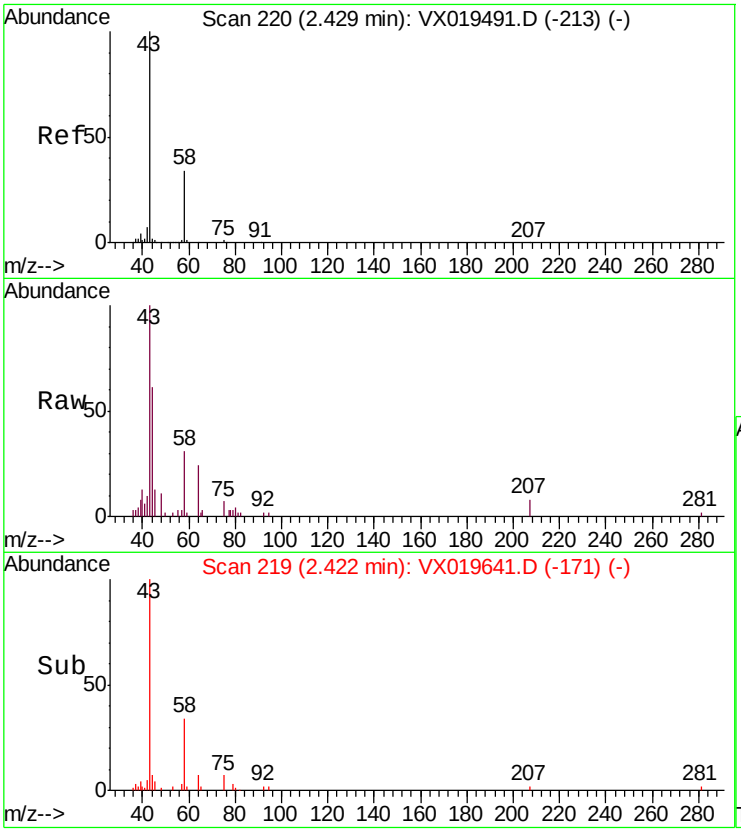


#13
Acrolein
Concen: 0.291 ug/l
RT: 2.28 min Scan# 196
Delta R.T. 0.01 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion: 56 Resp: 142

Ion	Ratio	Lower	Upper
56	100		
55	25.4	55.5	83.3#



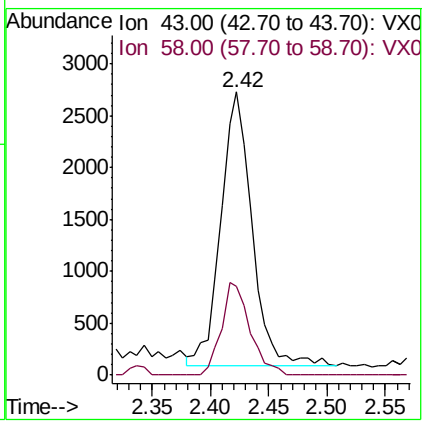


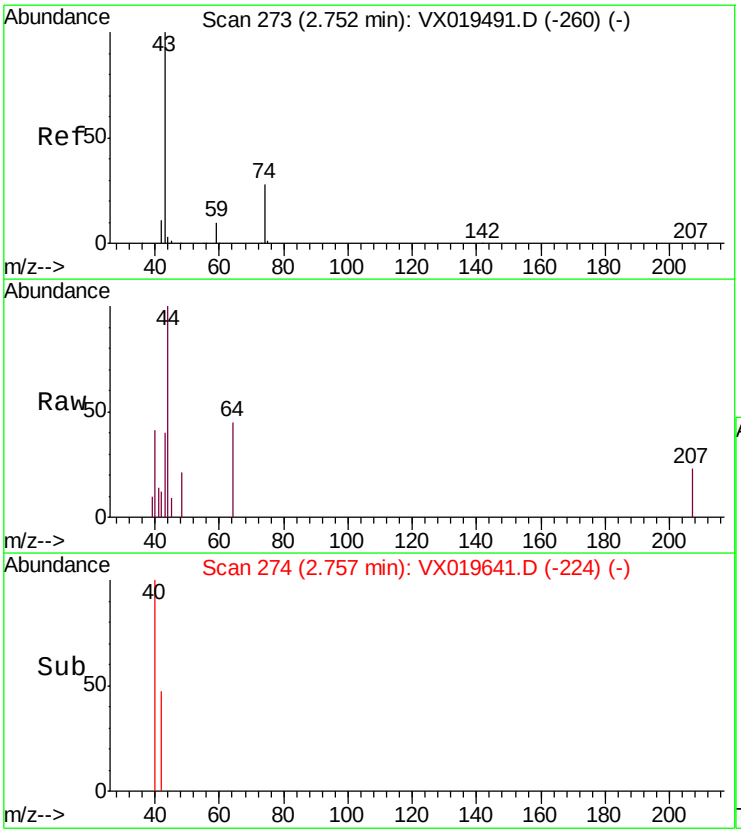
#16
Acetone
Concen: 3.326 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion: 43 Resp: 4930

Ion	Ratio	Lower	Upper
43	100		
58	32.5	27.4	41.2

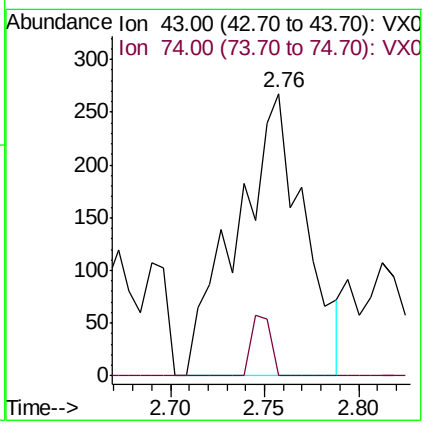


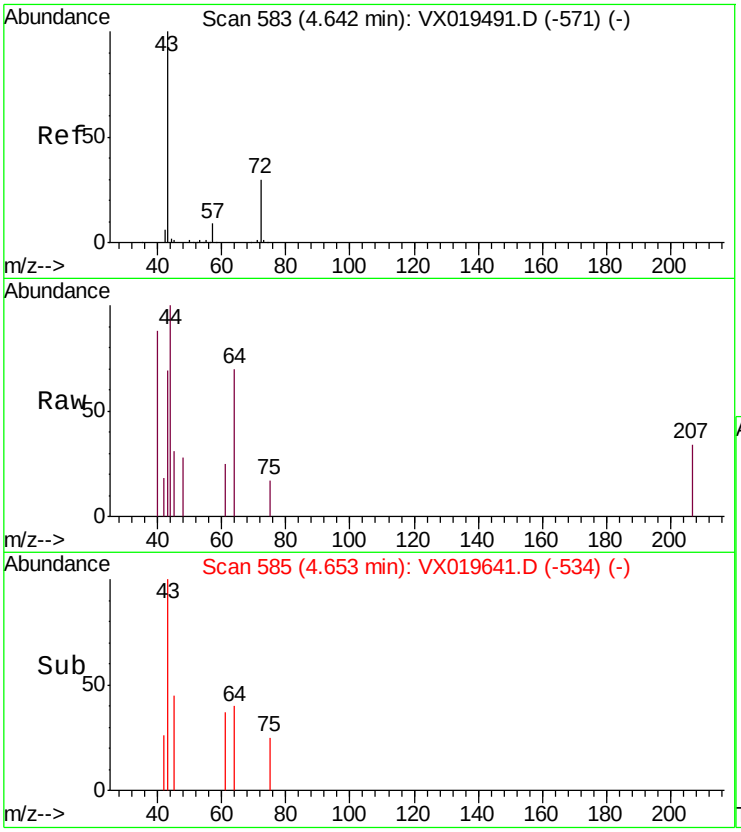


#18
Methyl Acetate
Concen: 0.814 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion: 43 Resp: 662

Ion	Ratio	Lower	Upper
43	100		
74	6.2	22.2	33.4#



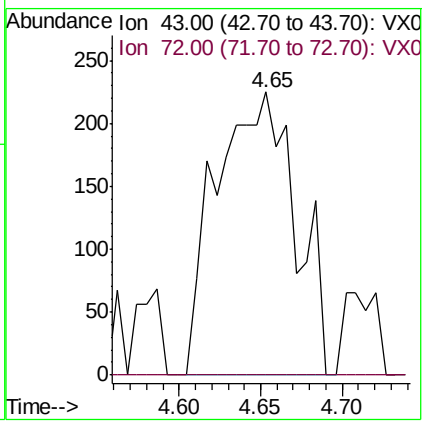


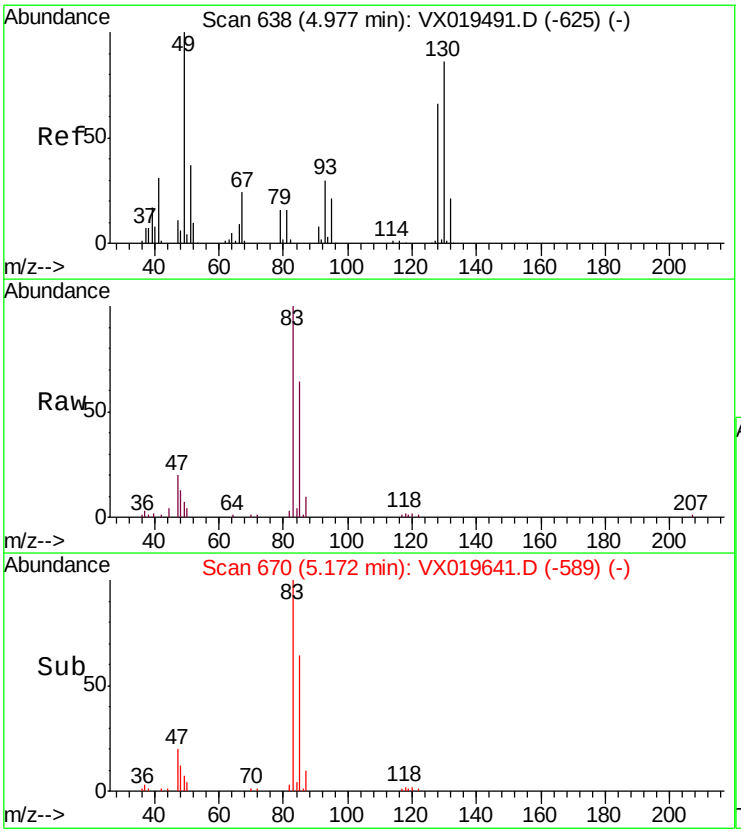
#25
2-Butanone
Concen: 0.341 ug/l
RT: 4.65 min Scan# 585
Delta R.T. 0.01 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion: 43 Resp: 759

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.0	36.0#

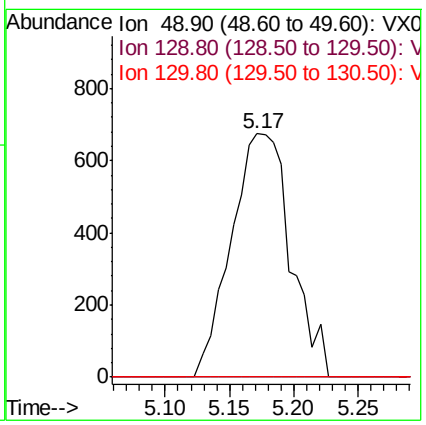


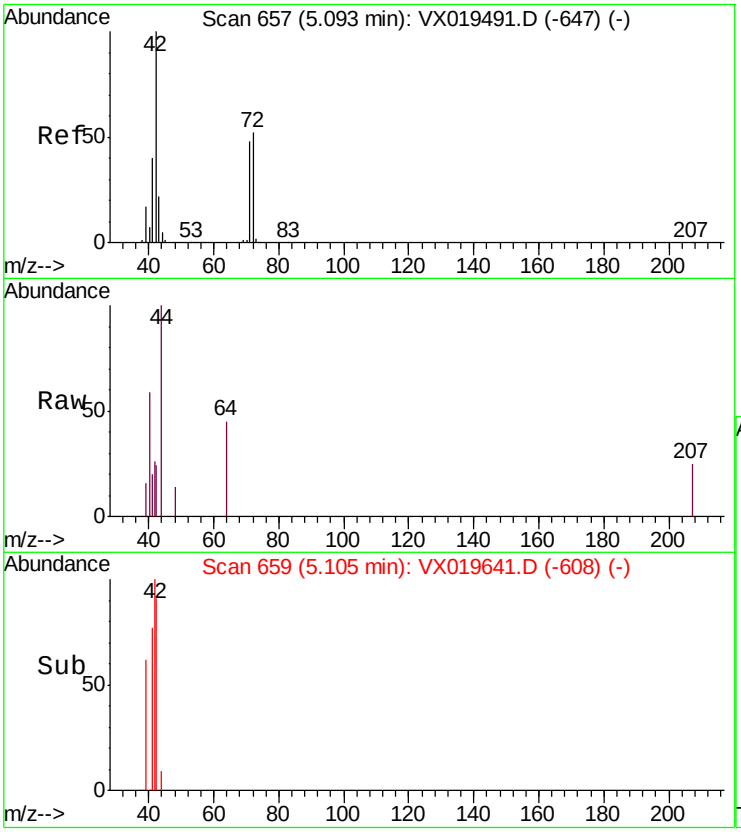


#28
Bromochloromethane
Concen: 0.779 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.19 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion: 49 Resp: 2167

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	0.0	69.0	103.6#



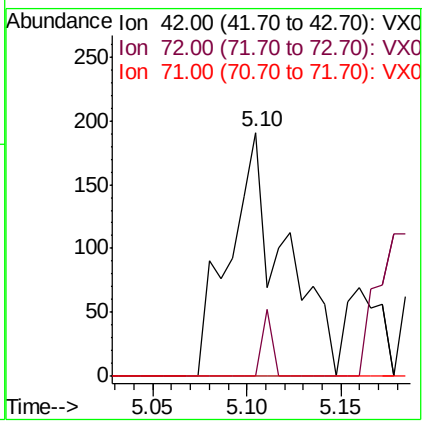


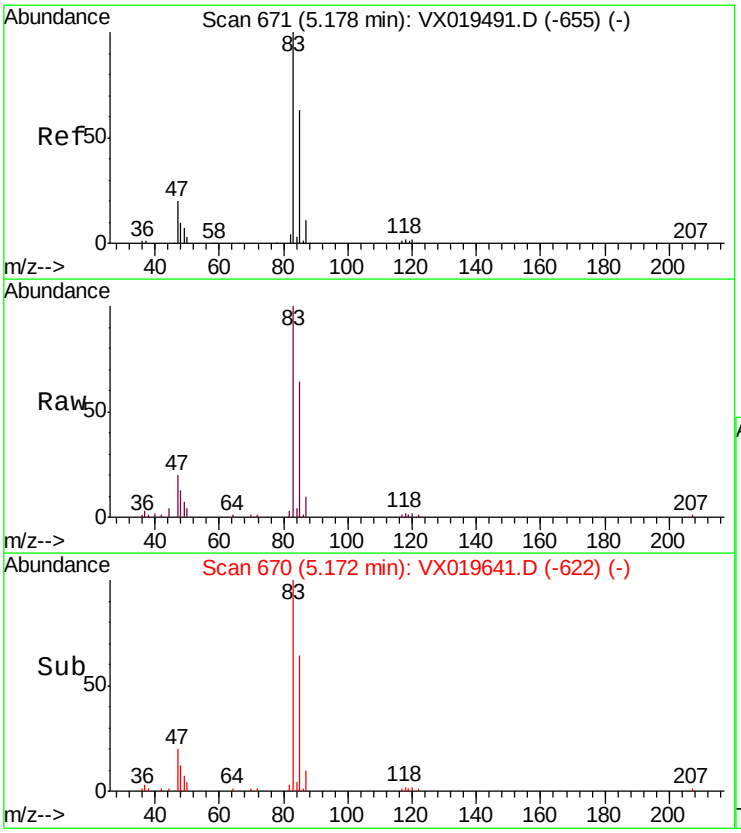
#29
Tetrahydrofuran
Concen: 0.272 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion: 42 Resp: 386

Ion	Ratio	Lower	Upper
42	100		
72	4.9	42.6	63.8#
71	0.0	39.0	58.6#

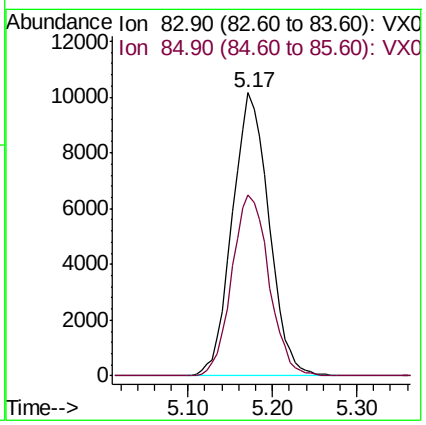


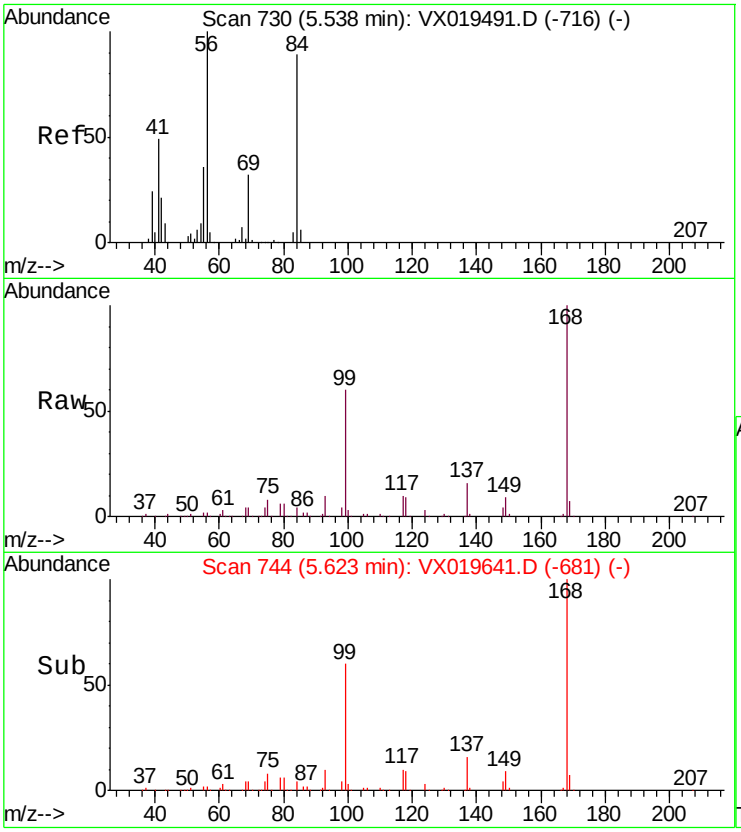


#30
Chloroform
Concen: 4.915 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion: 83 Resp: 29901

Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.5	75.7



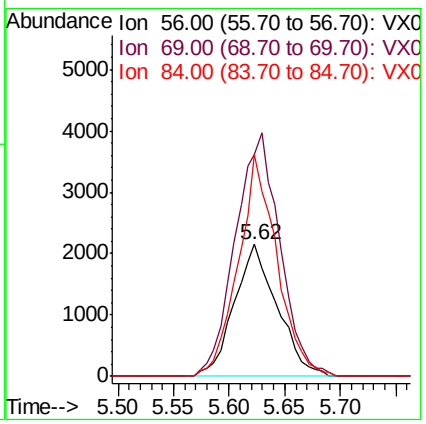


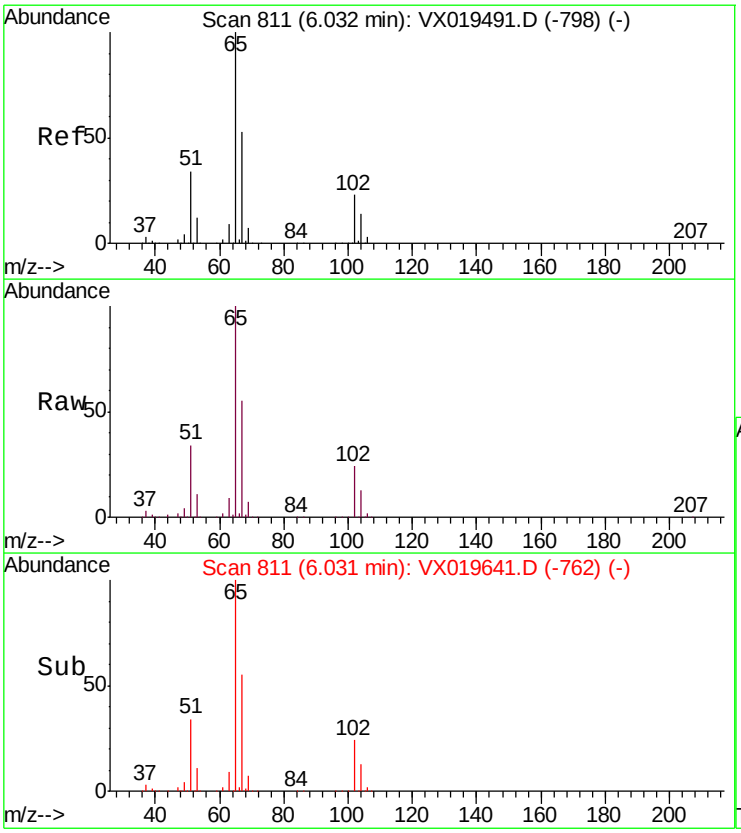
#31
Cyclohexane
Concen: 1.152 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.09 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion: 56 Resp: 5744

Ion	Ratio	Lower	Upper
56	100		
69	168.6	25.5	38.3#
84	168.5	71.1	106.7#

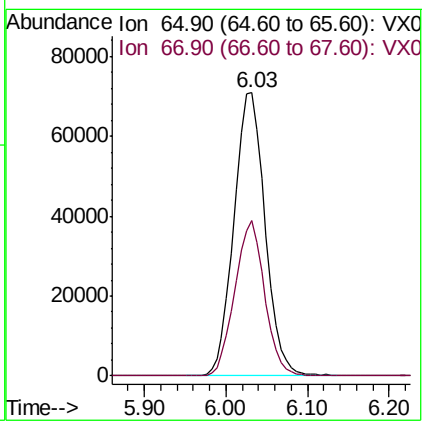


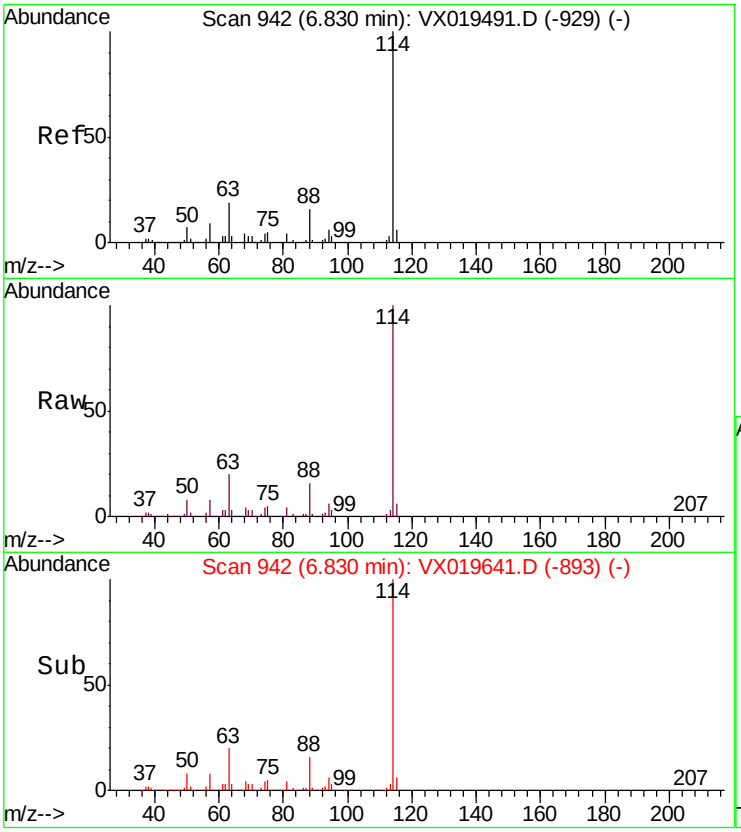


#33
1,2-Dichloroethane-d4
Concen: 48.884 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion: 65 Resp: 187368

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	105.0



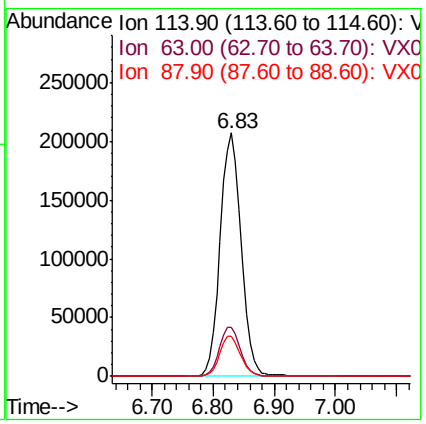


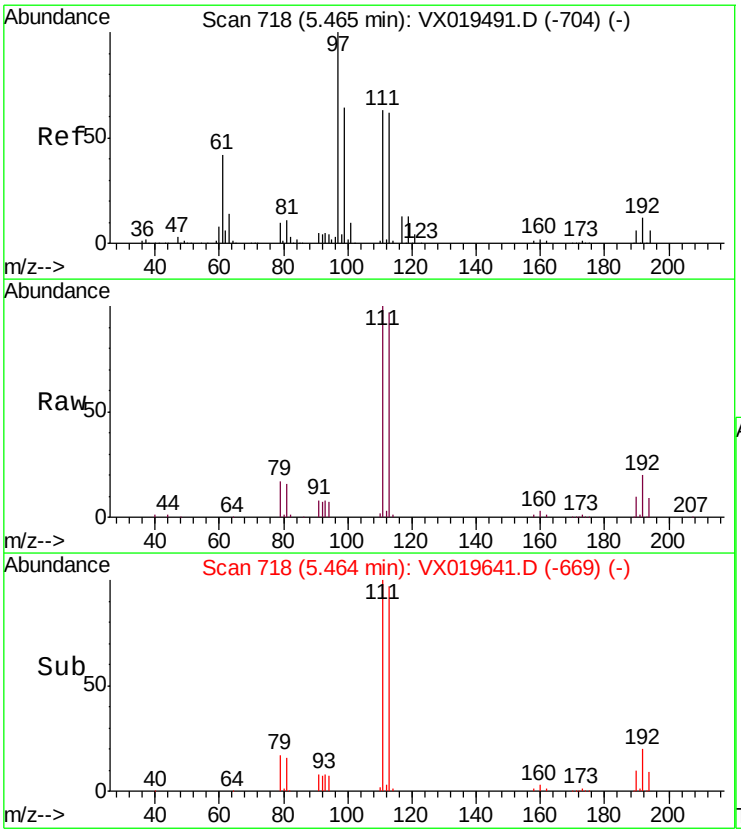
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion:114 Resp: 493408

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	38.8
88	16.3	0.0	31.6

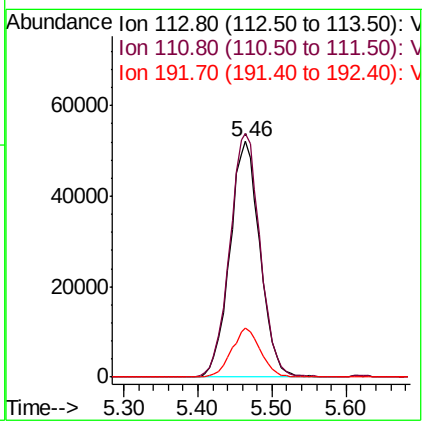


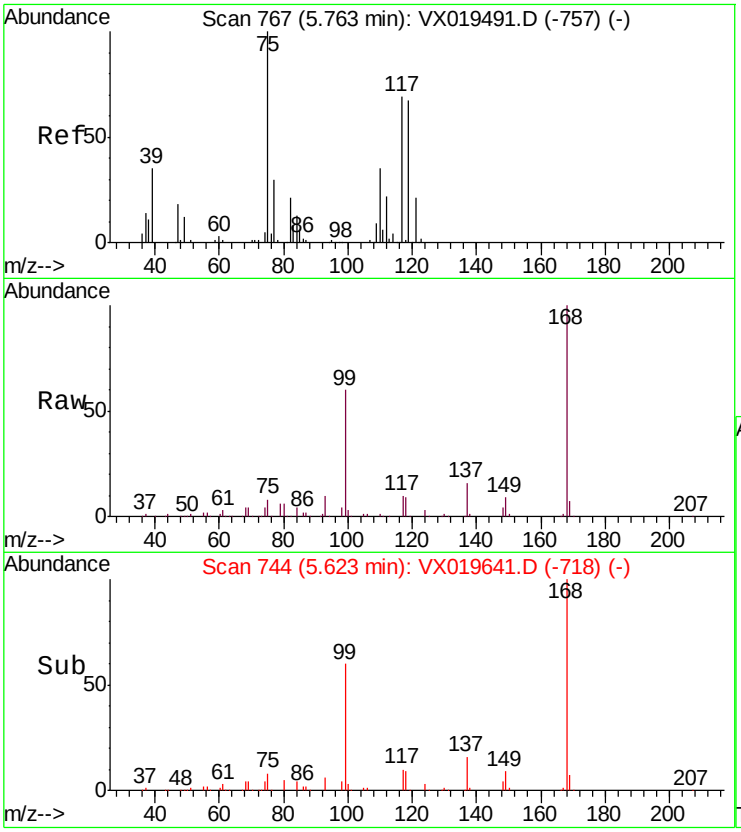


#35
Dibromofluoromethane
Concen: 47.638 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion:113 Resp: 147542

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.5	122.3
192	19.9	16.2	24.2



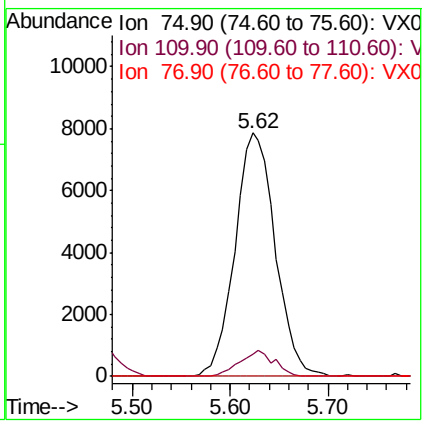


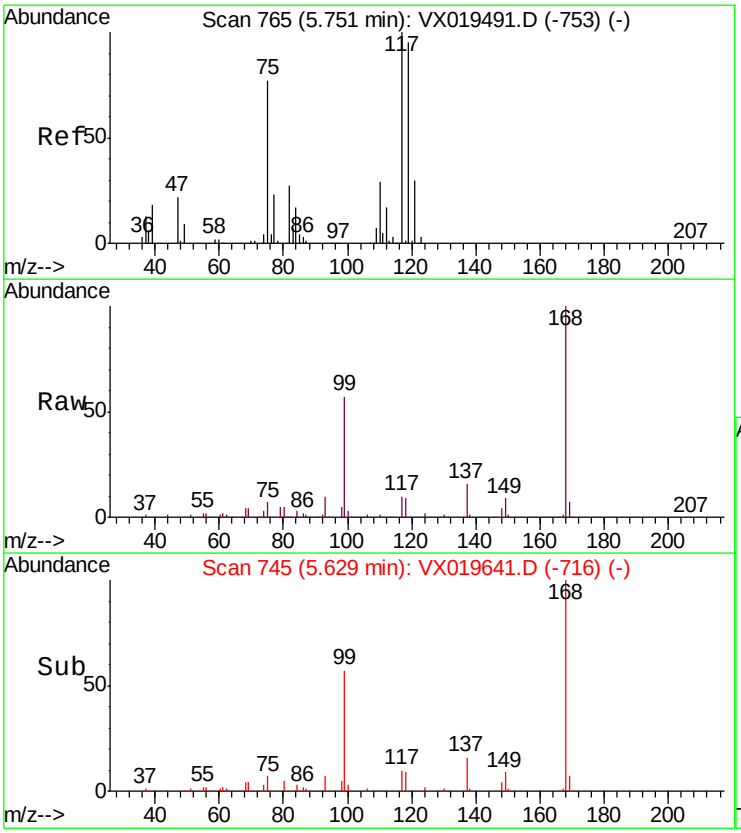
#36
1,1-Dichloropropene
Concen: 4.835 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion: 75 Resp: 22366

Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	24.2	36.4#

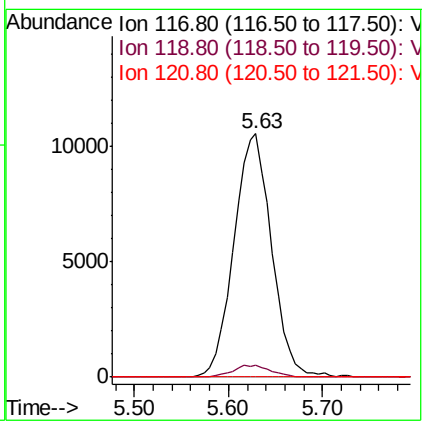


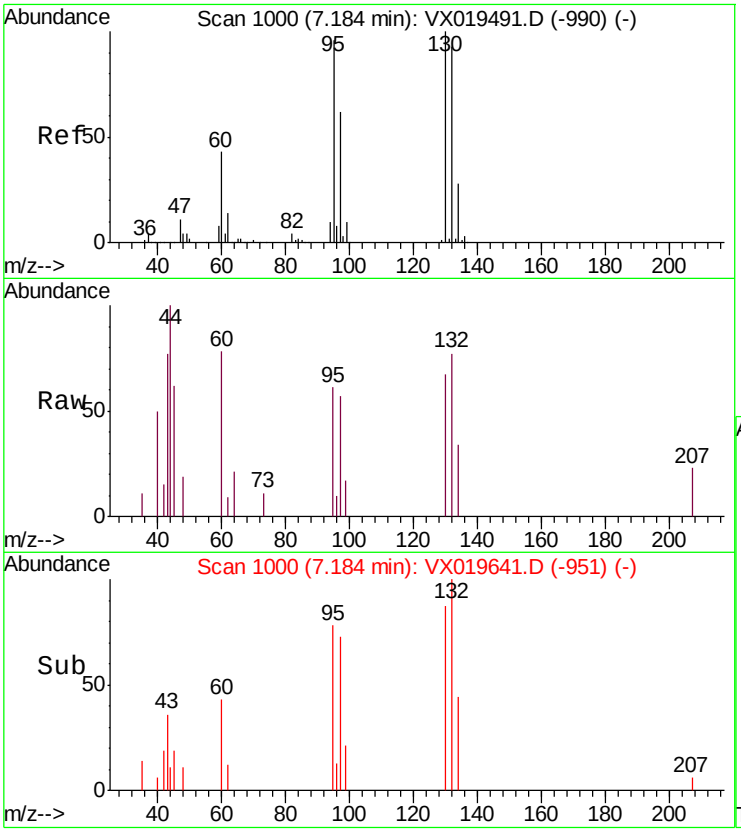


#38
Carbon Tetrachloride
Concen: 6.560 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion:117 Resp: 29373

Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.9	113.9#
121	0.0	24.0	36.0#



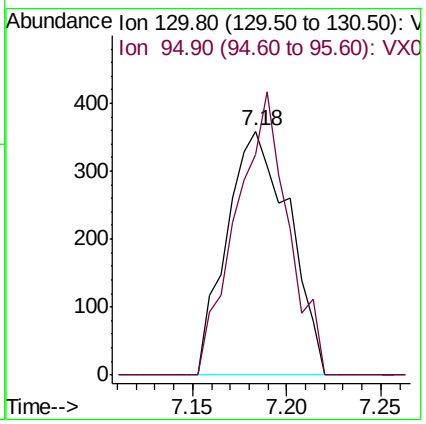


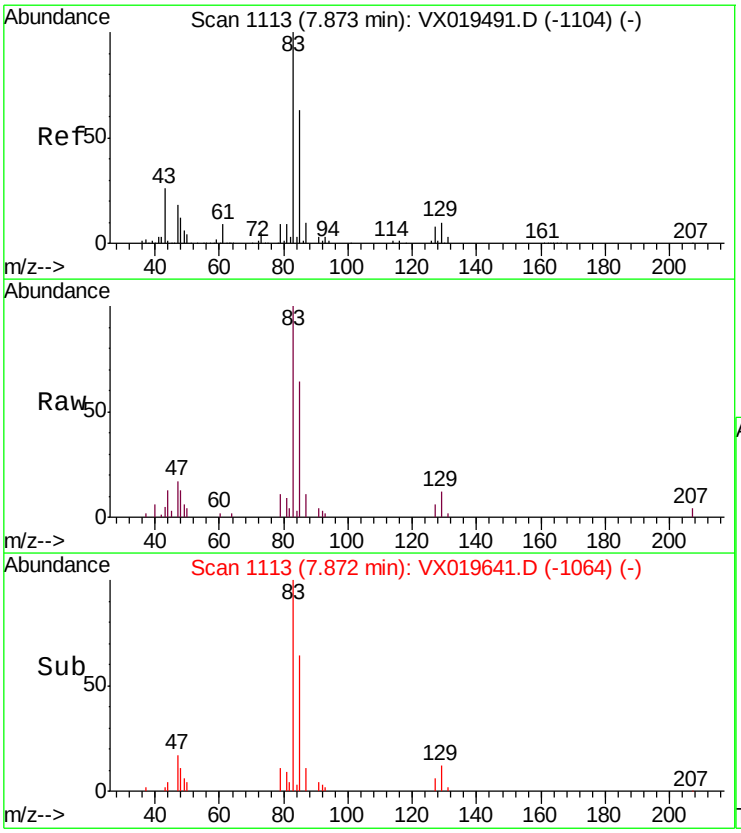
#44
Trichloroethene
Concen: 0.221 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion:130 Resp: 824

Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	191.2

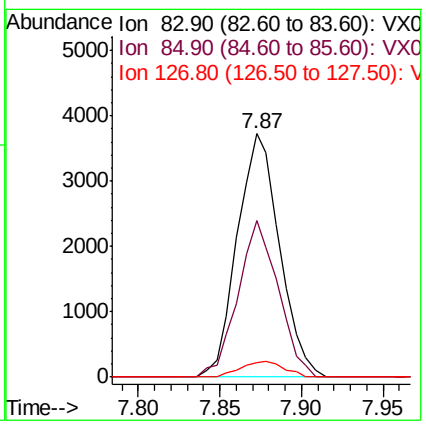


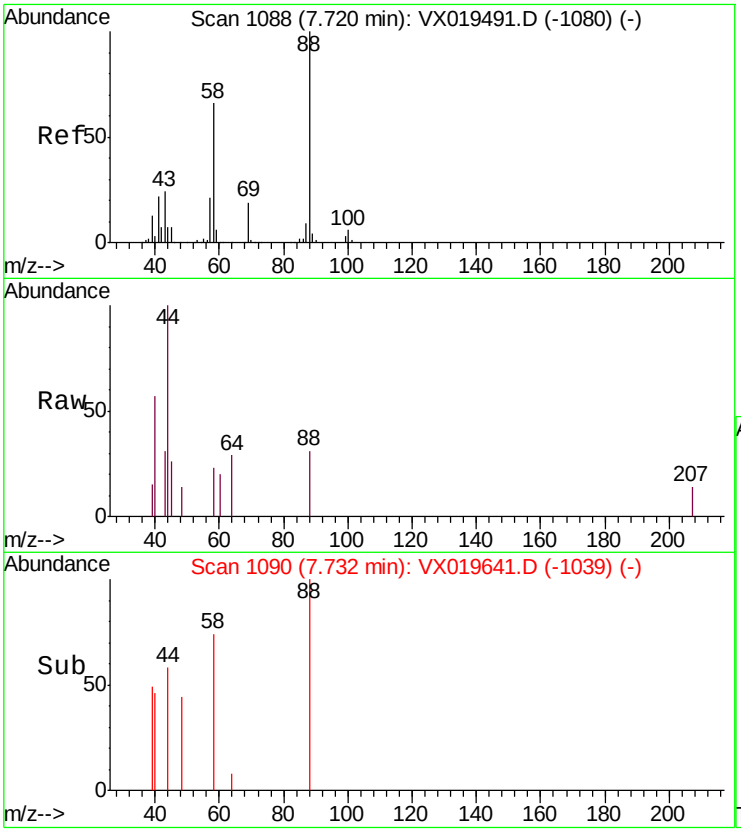


#47
Bromodichloromethane
Concen: 1.443 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion: 83 Resp: 6705

Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.2	75.2
127	5.7	6.4	9.6#



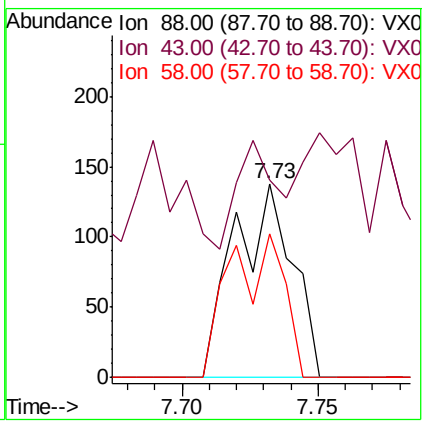


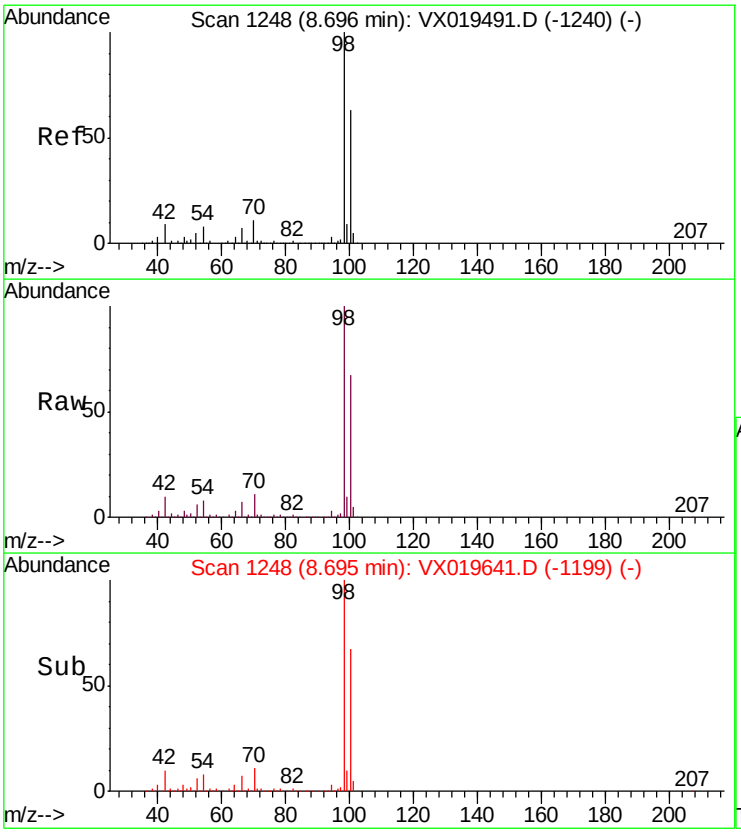
#49
1,4-Dioxane
Concen: 2.628 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion: 88 Resp: 204

Ion	Ratio	Lower	Upper
88	100		
43	38.2	23.8	35.6#
58	68.1	54.2	81.2

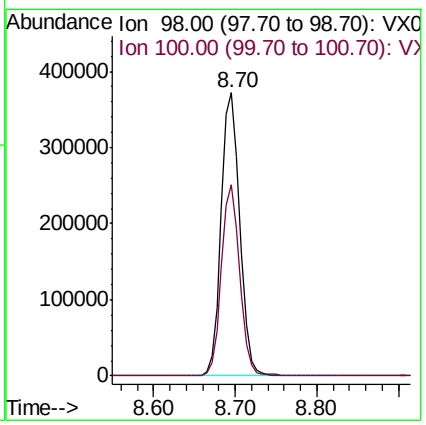


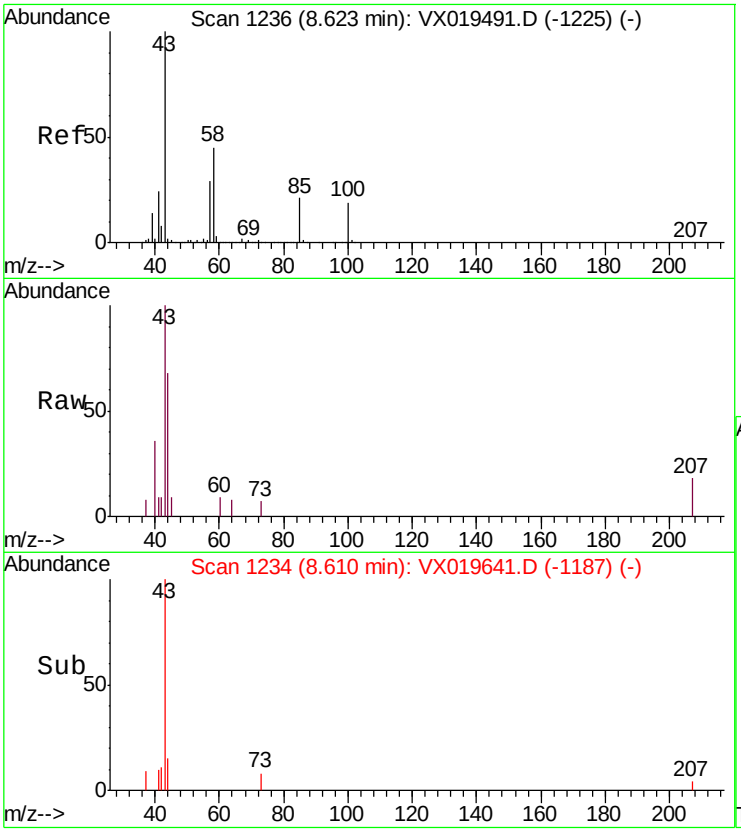


#50
Toluene-d8
Concen: 48.950 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion: 98 Resp: 589115

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.4	78.6



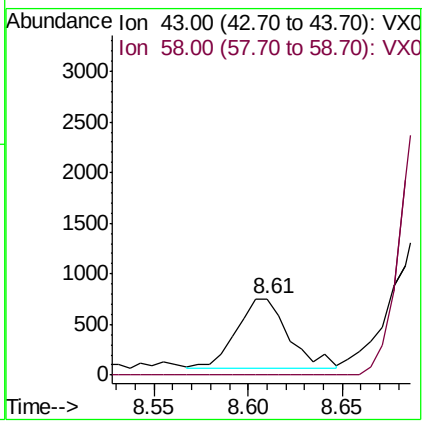


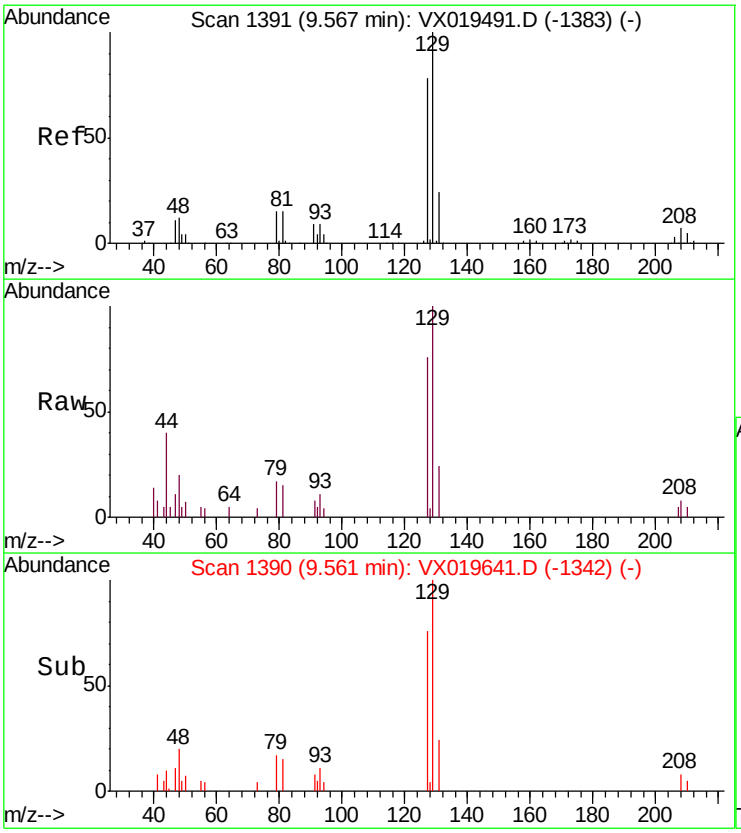
#51
4-Methyl-2-Pentanone
Concen: 0.308 ug/l
RT: 8.61 min Scan# 1234
Delta R.T. -0.01 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion: 43 Resp: 1313

Ion	Ratio	Lower	Upper
43	100		
58	0.0	35.1	52.7#

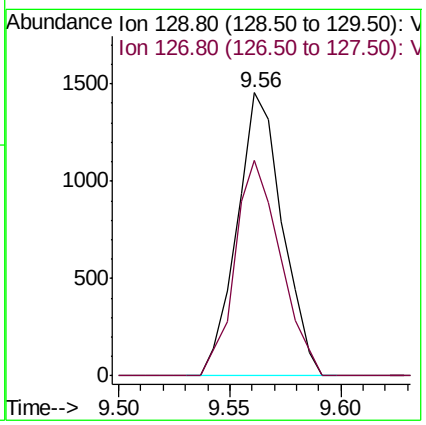


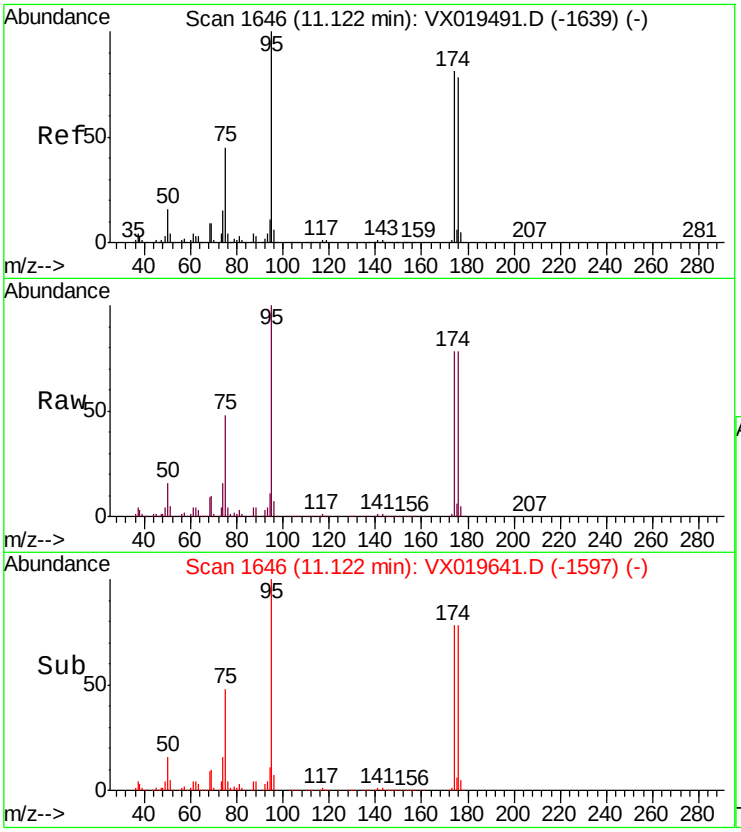


#60
Dibromochloromethane
Concen: 0.594 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion:129 Resp: 2061

Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.0	116.9



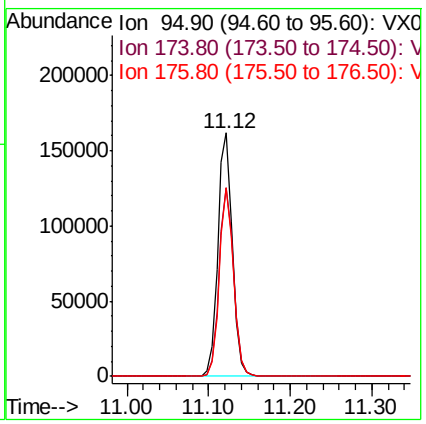


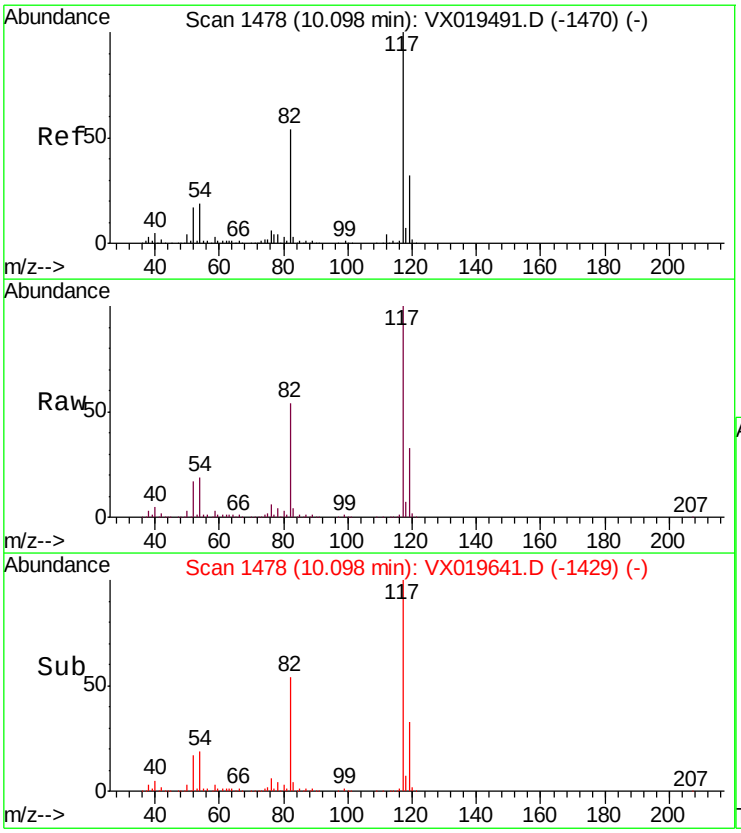
#62
4-Bromofluorobenzene
Concen: 46.612 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion: 95 Resp: 201831

Ion	Ratio	Lower	Upper
95	100		
174	77.6	0.0	156.2
176	75.6	0.0	151.4

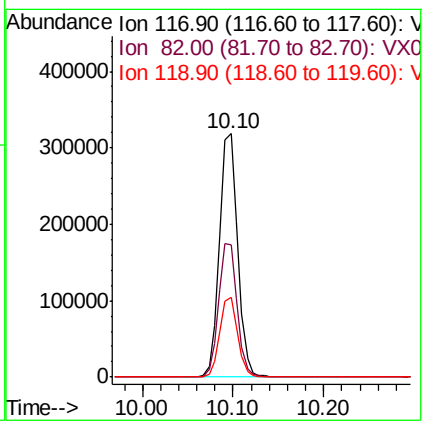


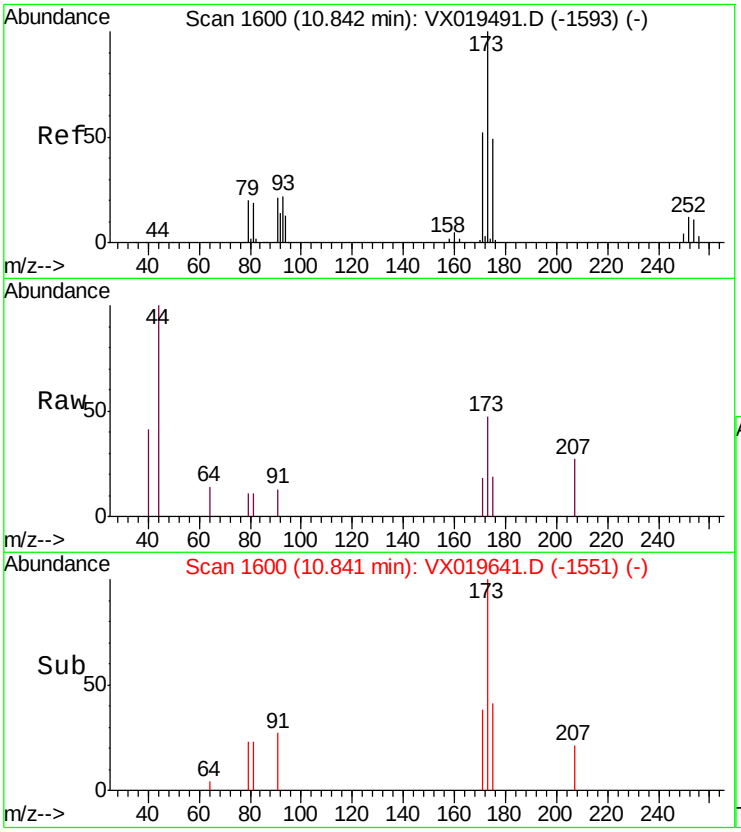


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion:117 Resp: 447920

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.0	64.4
119	32.9	25.6	38.4



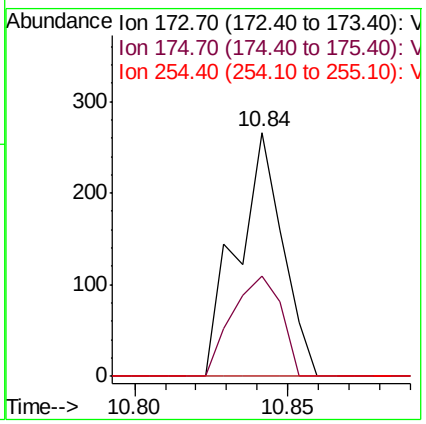


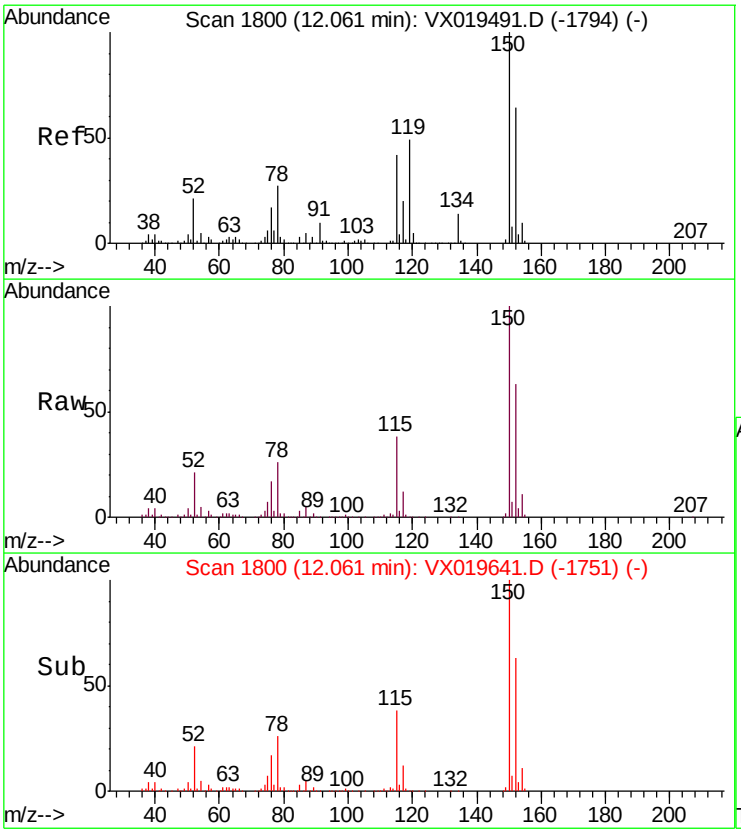
#71
Bromoform
Concen: 3.693 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion:173 Resp: 275

Ion	Ratio	Lower	Upper
173	100		
175	0.0	24.9	74.8#
254	0.0	0.1	0.1#

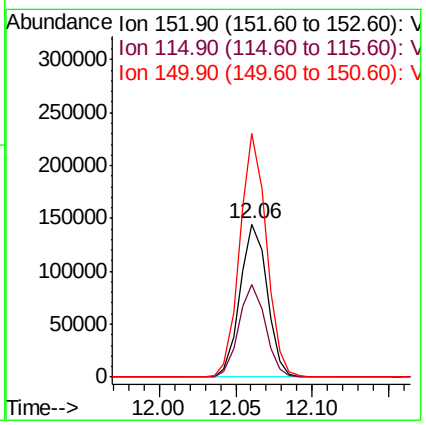


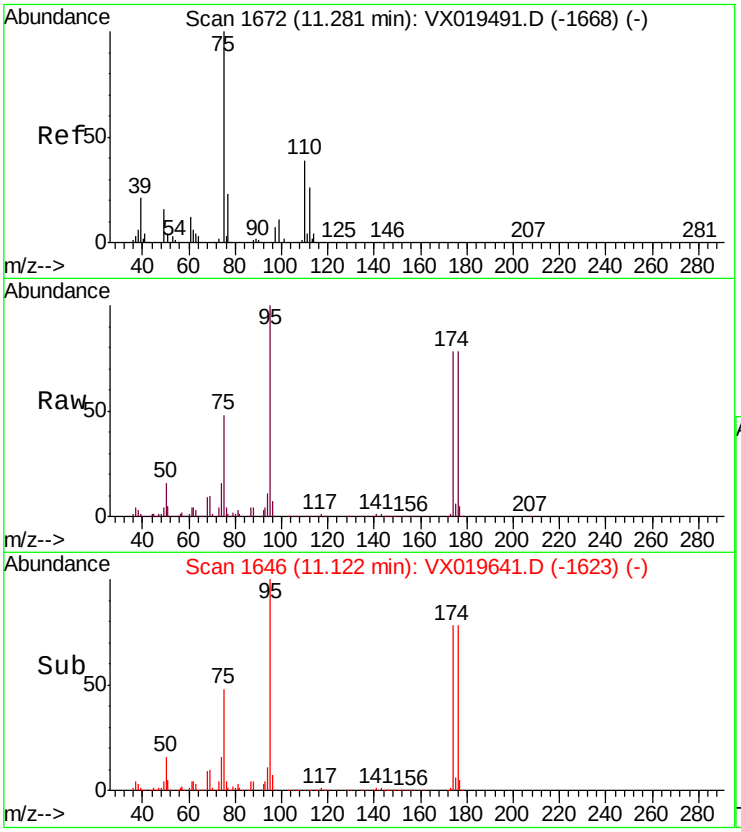


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion:152 Resp: 178271

Ion	Ratio	Lower	Upper
152	100		
115	59.8	41.8	125.4
150	155.7	0.0	348.2



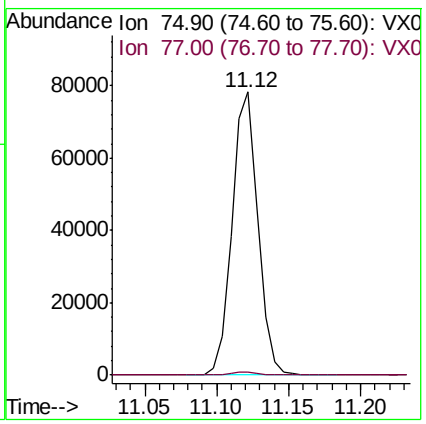


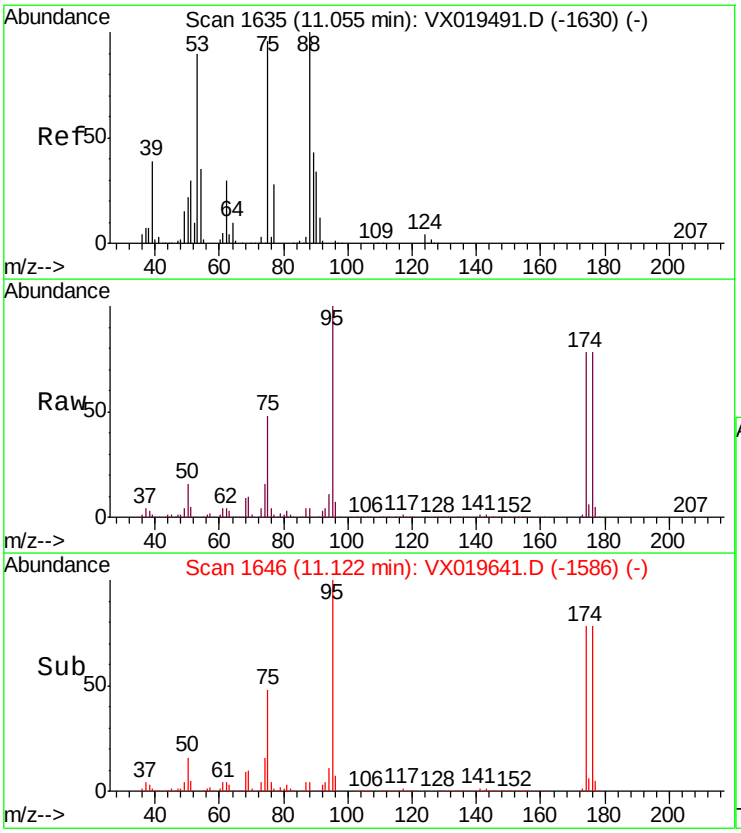
#76
1,2,3-Trichloropropane
Concen: 25.268 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion: 75 Resp: 98305

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.0	60.0#

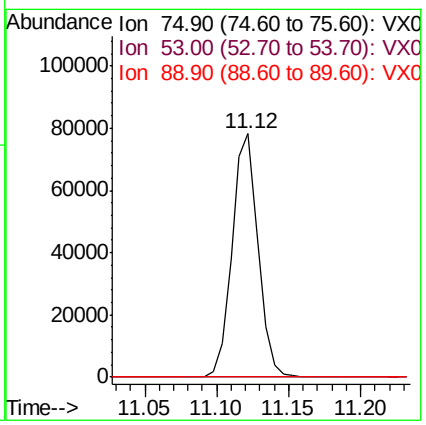


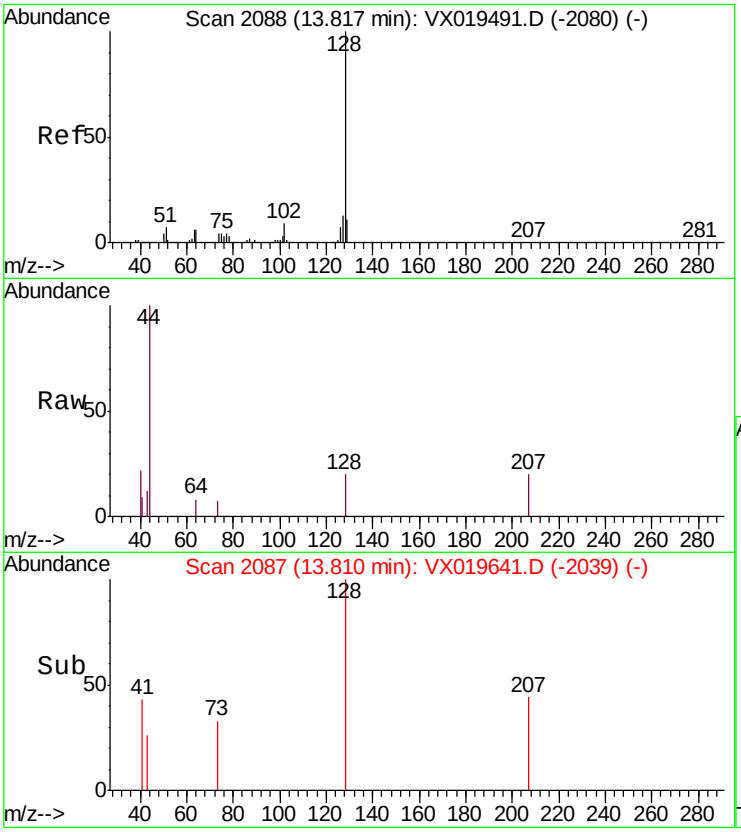


#81
trans-1,4-Dichloro-2-butene
Concen: 66.702 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Tgt Ion: 75 Resp: 98305

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





#95
Naphthalene
Concen: 2.196 ug/l
RT: 13.81 min Scan# 2087
Delta R.T. -0.01 min
Lab File: VX019641.D
Acq: 25 Nov 2020 05:51

Instrument :
MSVOA_X
ClientSampleId :
MH-318.9-20201119

Tgt Ion:128 Resp: 249

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.7	13.1#