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

Quantitation Report (Not Reviewed)

Data File : VX019642.D
Acq On : 25 Nov 2020 06:14
Operator : JC/MD
Sample : L4835-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MH-388.9-20201119

Quant Time: Nov 25 07:00:04 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	310386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	514221	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	467277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	194788	48.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.80%			
35) Dibromofluoromethane	5.46	113	153949	47.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.40%			
50) Toluene-d8	8.70	98	616628	49.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.32%			
62) 4-Bromofluorobenzene	11.12	95	212360	47.06	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.12%			
Target Compounds						Qvalue
5) Bromomethane	1.62	94	420	0.297	ug/l #	71
6) Chloroethane	1.70	64	171	Below Cal #		41
11) Tert butyl alcohol	3.04	59	428	0.562	ug/l #	73
16) Acetone	2.42	43	4304	2.766	ug/l #	86
18) Methyl Acetate	2.75	43	324	0.718	ug/l #	72
25) 2-Butanone	4.64	43	692	0.296	ug/l #	45
27) cis-1,2-Dichloroethene	4.56	96	1056	0.263	ug/l	86
28) Bromochloromethane	5.18	49	2828	0.968	ug/l #	8
29) Tetrahydrofuran	5.10	42	338	0.227	ug/l #	31
30) Chloroform	5.17	83	36156	5.661	ug/l	99
31) Cyclohexane	5.62	56	5974	1.141	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23396	4.853	ug/l #	49
38) Carbon Tetrachloride	5.63	117	30318	6.497	ug/l #	16
44) Trichloroethene	7.19	130	964	0.248	ug/l	97
47) Bromodichloromethane	7.87	83	8052	1.663	ug/l	99
49) 1,4-Dioxane	7.73	88	103	1.273	ug/l #	54
51) 4-Methyl-2-Pentanone	8.60	43	1185	0.267	ug/l #	32
60) Dibromochloromethane	9.57	129	2391	0.661	ug/l	97
71) Bromoform	10.84	173	237	3.677	ug/l #	28
76) 1,2,3-Trichloropropane	11.12	75	104572	25.310	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	104572	66.806	ug/l #	12
95) Naphthalene	13.82	128	260	2.196	ug/l #	69

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

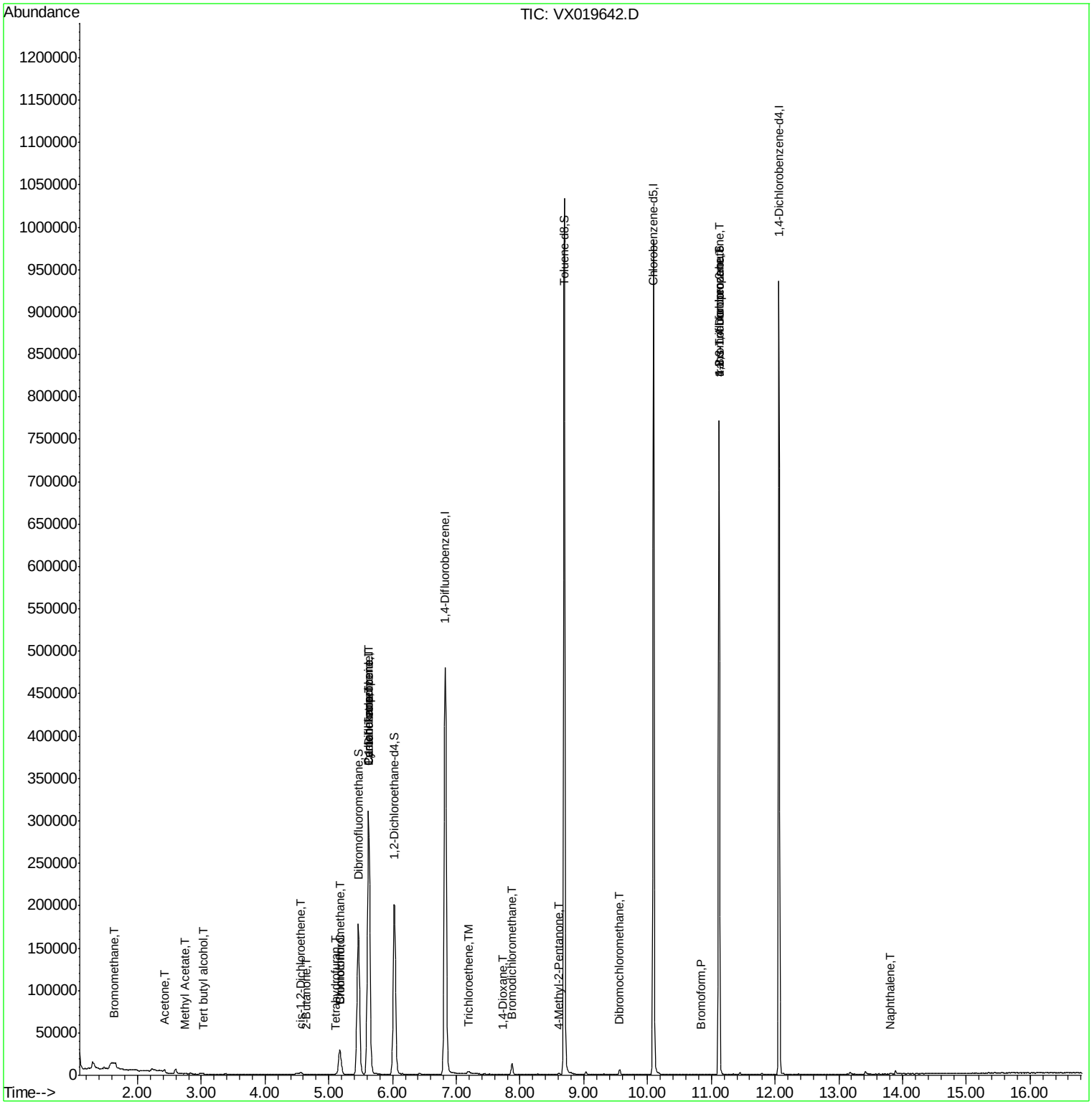
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112420\

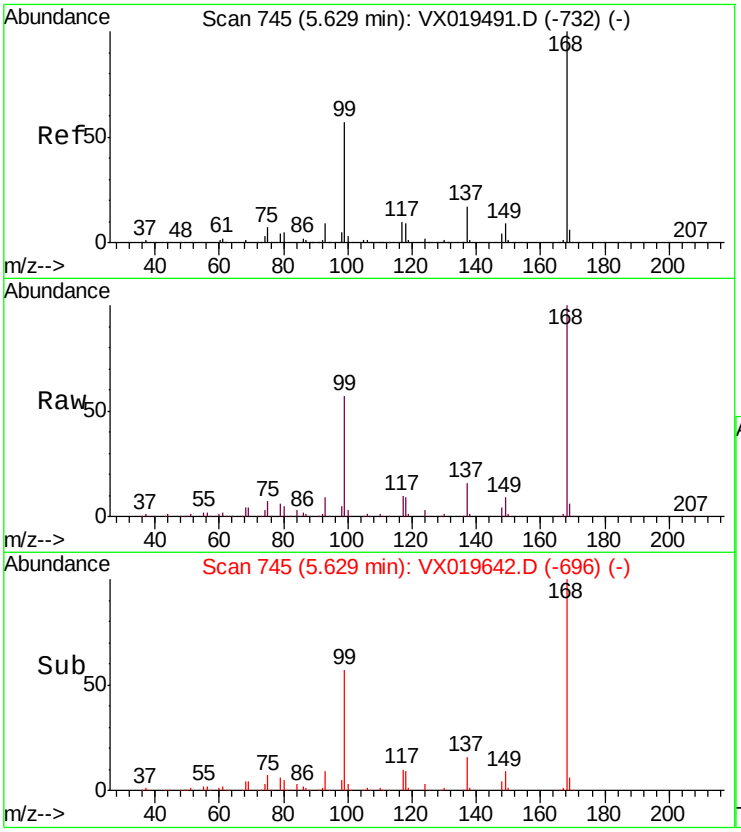
Quantitation Report (Not Reviewed)

Data File : VX019642.D
Acq On : 25 Nov 2020 06:14
Operator : JC/MD
Sample : L4835-24
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Quant Time: Nov 25 07:00:04 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



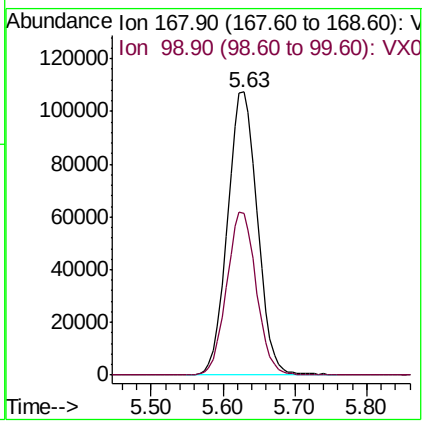


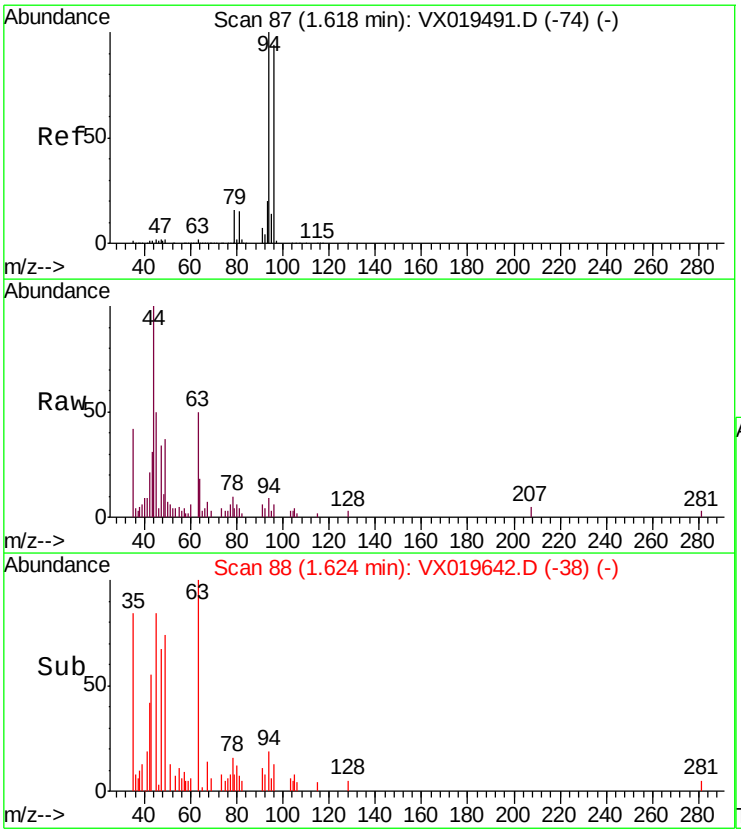
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion:168 Resp: 310386

Ion	Ratio	Lower	Upper
168	100		
99	57.1	45.8	68.6

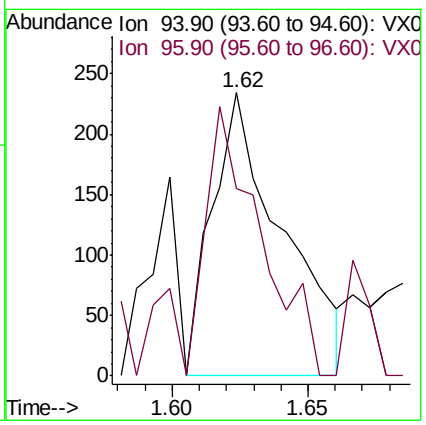


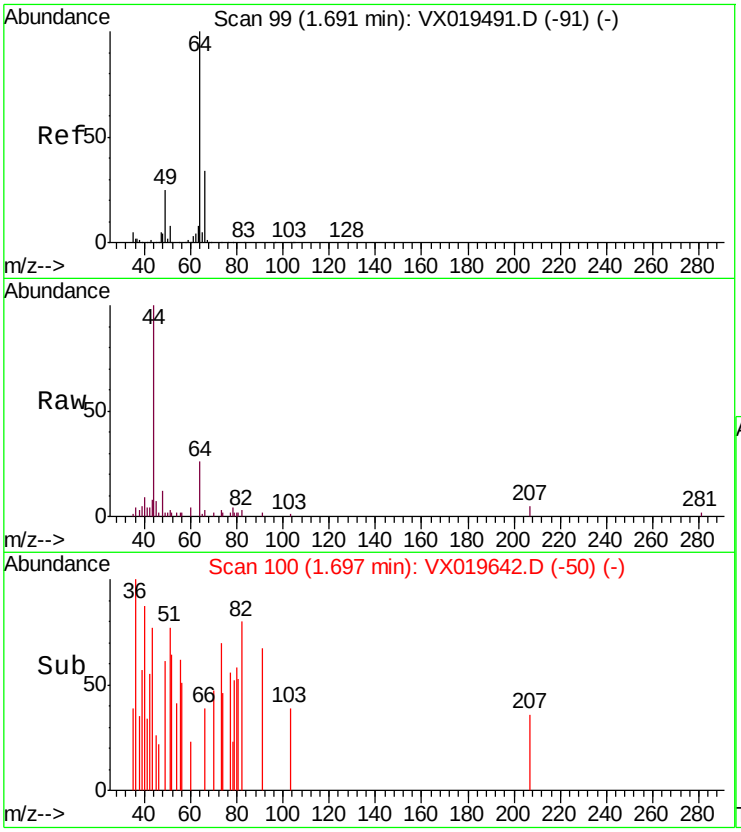


#5
Bromomethane
Concen: 0.297 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion: 94 Resp: 420

Ion	Ratio	Lower	Upper
94	100		
96	66.2	75.6	113.4#



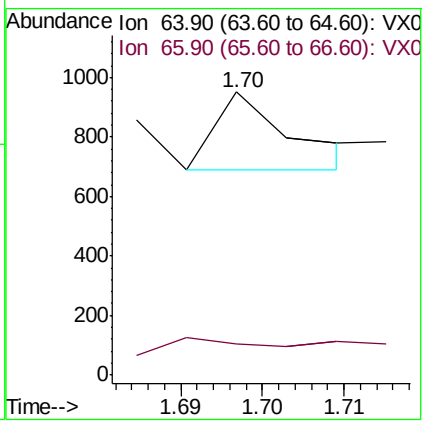


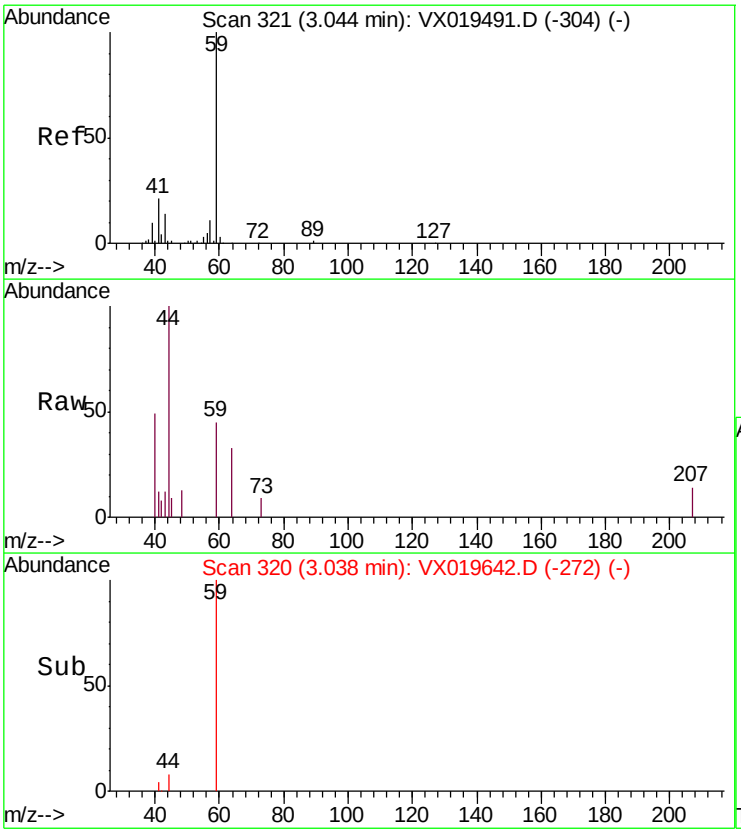
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 100
Delta R.T. 0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion: 64 Resp: 171

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.1	40.7#

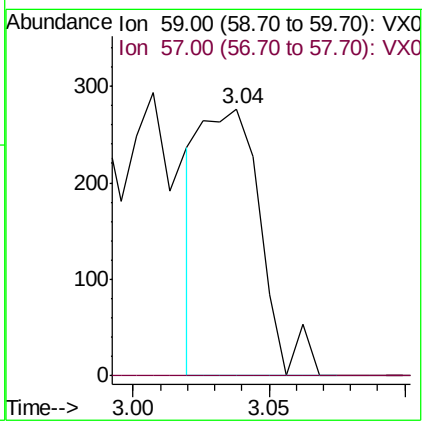


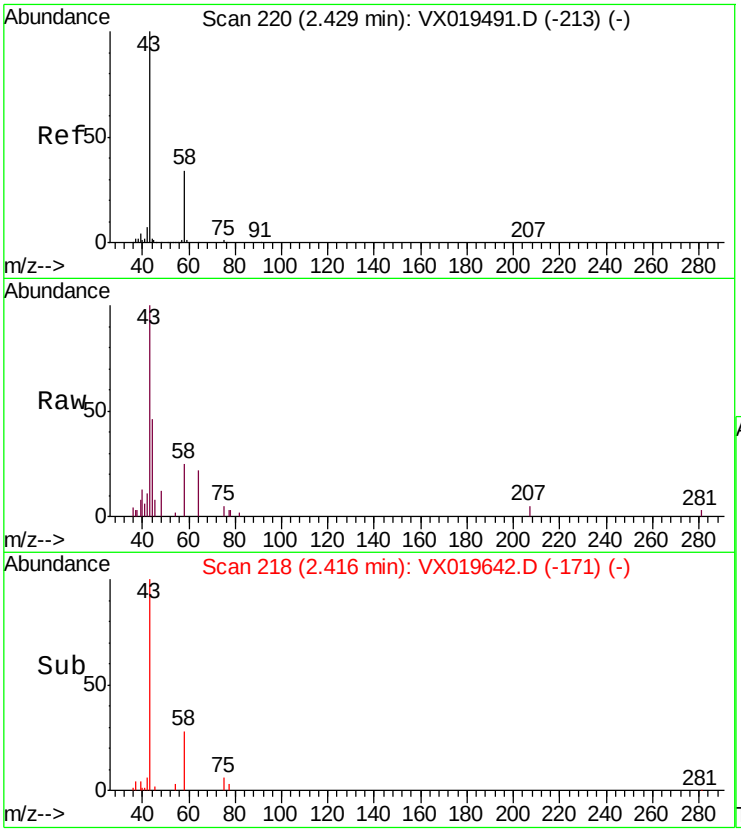


#11
Tert butyl alcohol
Concen: 0.562 ug/l
RT: 3.04 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion: 59 Resp: 428

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



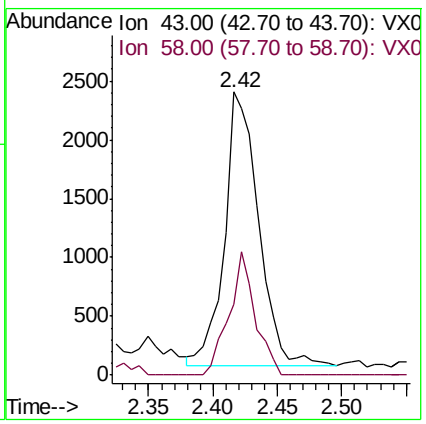


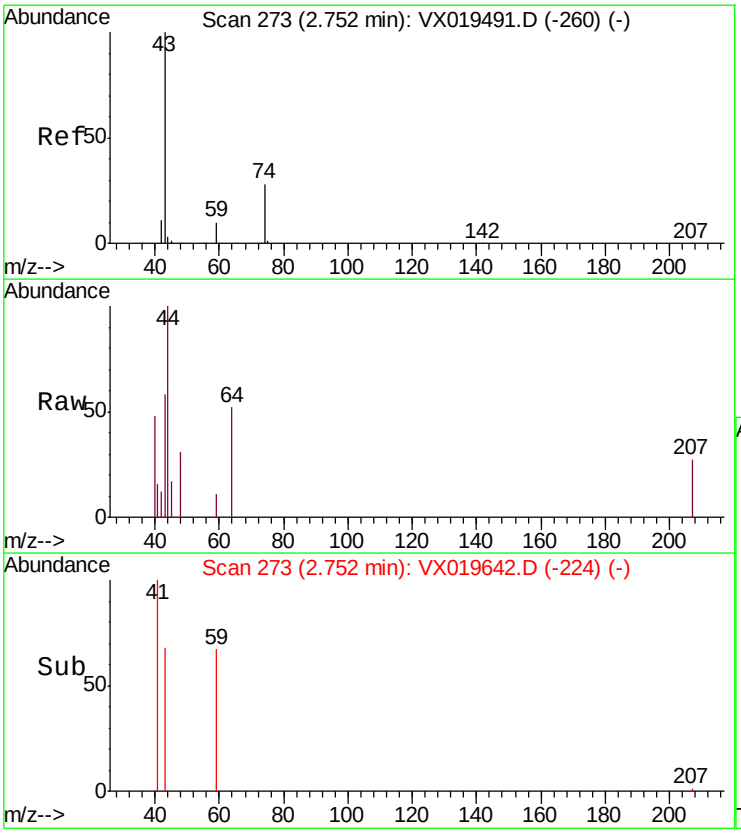
#16
Acetone
Concen: 2.766 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion: 43 Resp: 4304

Ion	Ratio	Lower	Upper
43	100		
58	26.1	27.4	41.2#

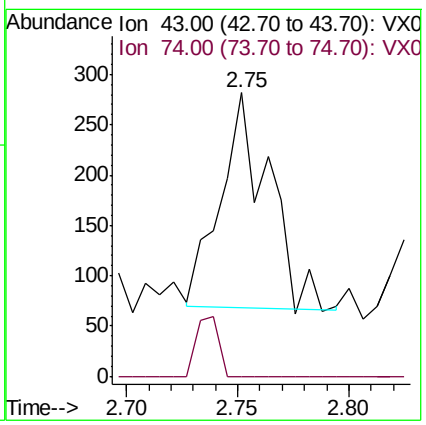


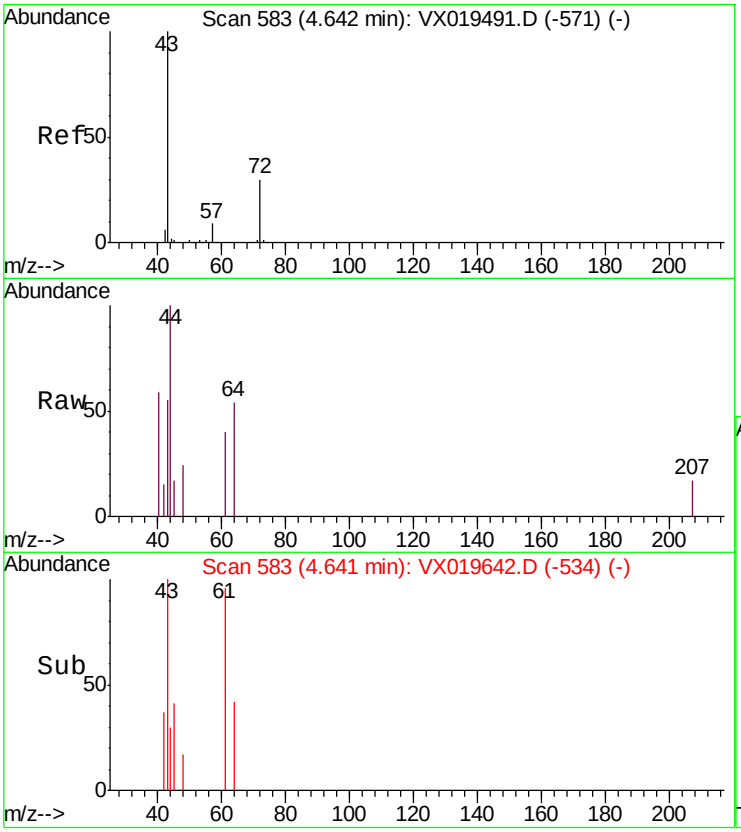


#18
Methyl Acetate
Concen: 0.718 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion: 43 Resp: 324

Ion	Ratio	Lower	Upper
43	100		
74	13.0	22.2	33.4#



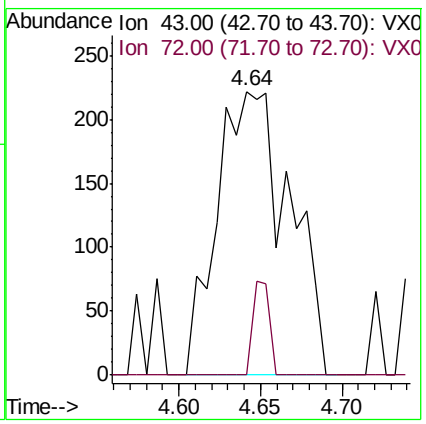


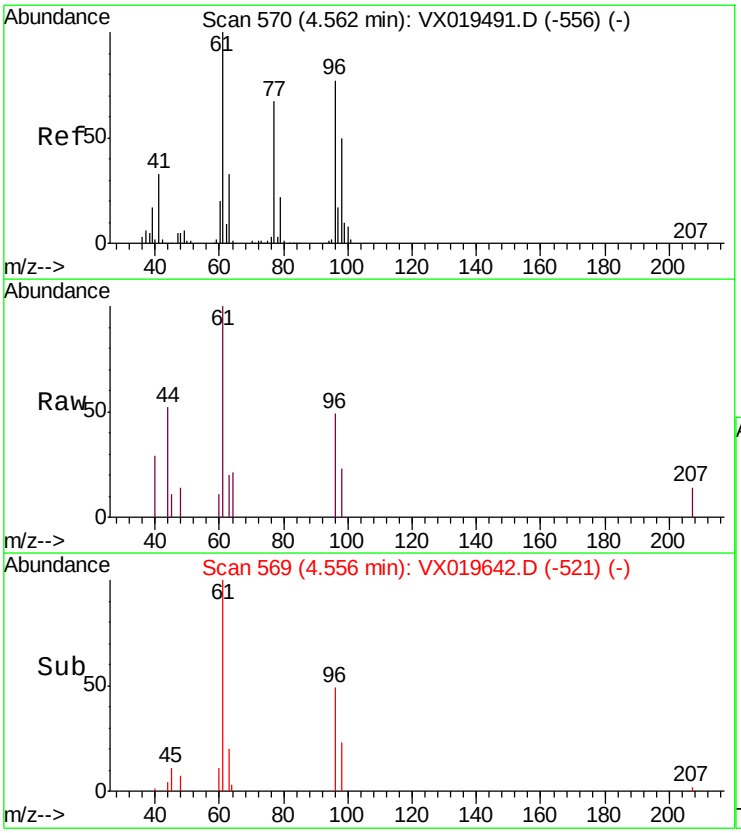
#25
2-Butanone
Concen: 0.296 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion: 43 Resp: 692

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.0	36.0#

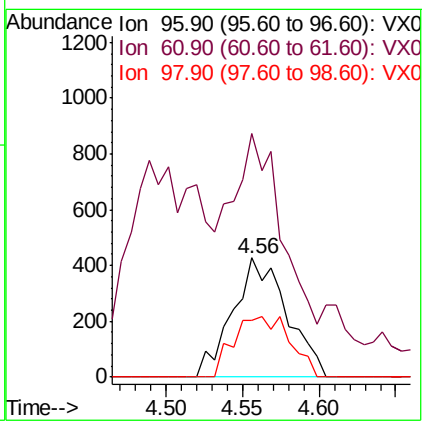


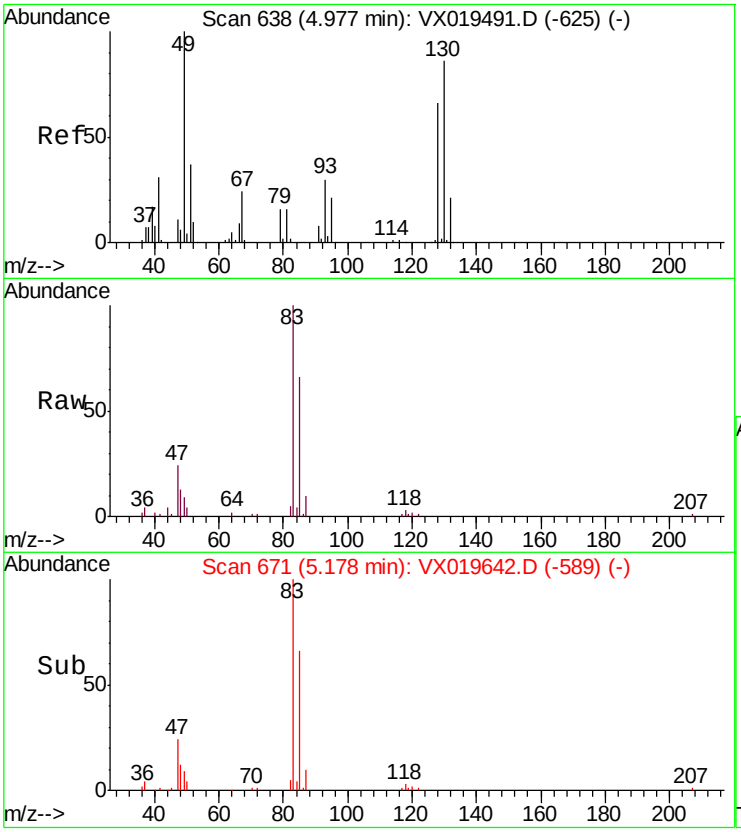


#27
cis-1,2-Dichloroethene
Concen: 0.263 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion: 96 Resp: 1056

Ion	Ratio	Lower	Upper
96	100		
61	155.4	0.0	279.2
98	52.8	0.0	129.8



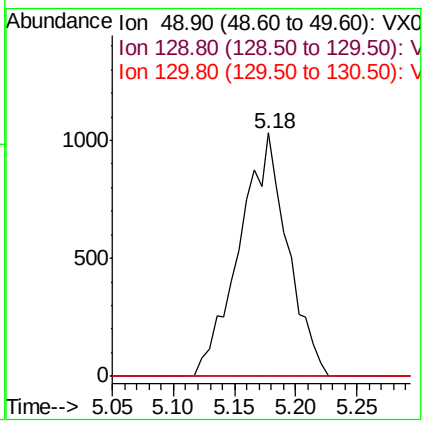


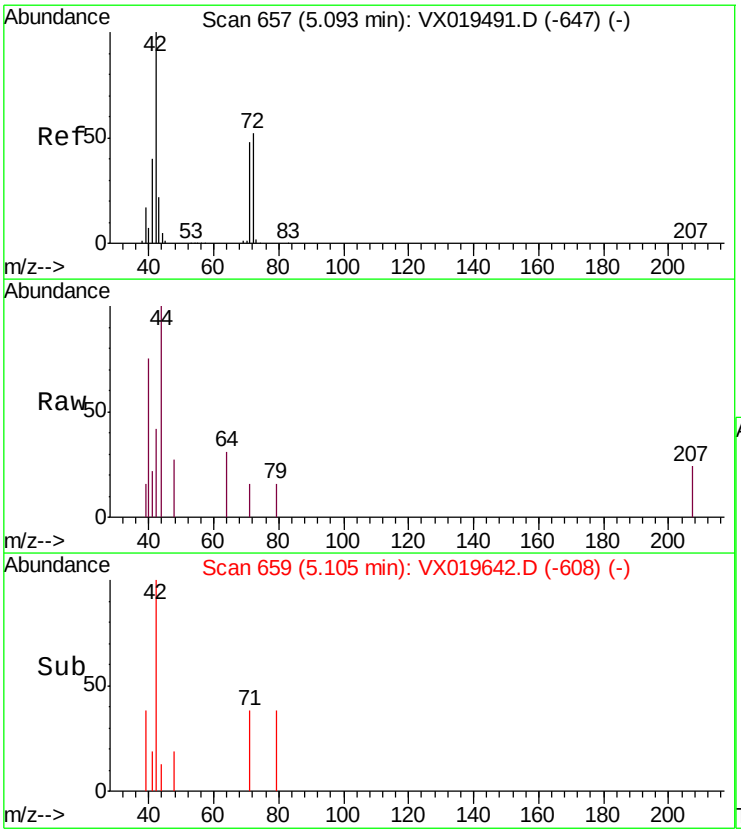
#28
Bromochloromethane
Concen: 0.968 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.20 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion: 49 Resp: 2828

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

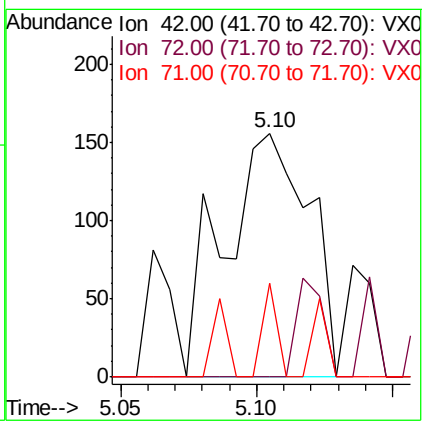


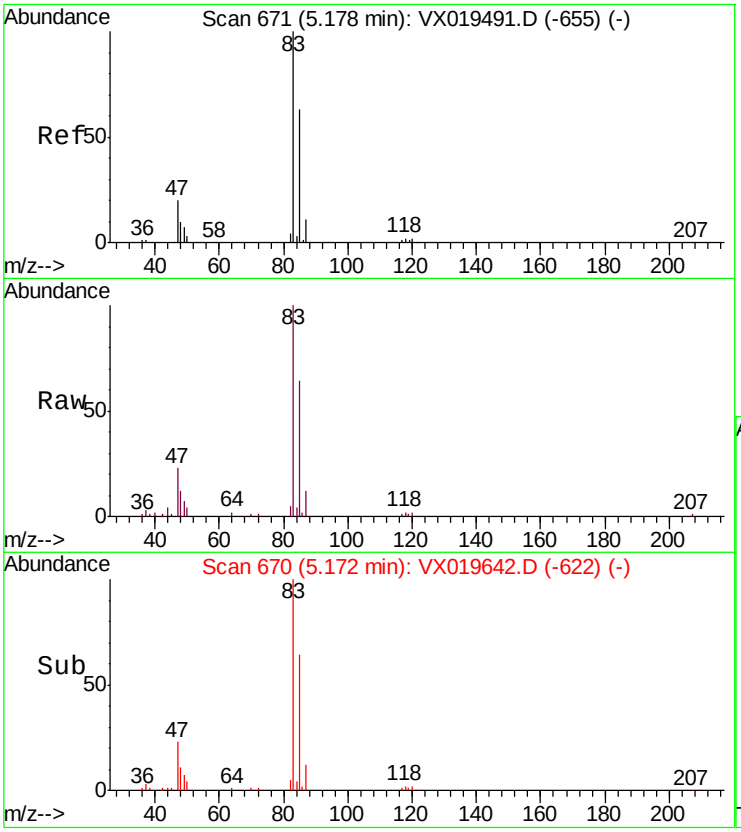


#29
Tetrahydrofuran
Concen: 0.227 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion: 42 Resp: 338

Ion	Ratio	Lower	Upper
42	100		
72	0.0	42.6	63.8#
71	6.5	39.0	58.6#



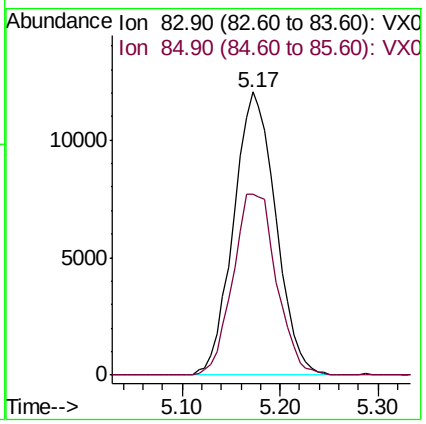


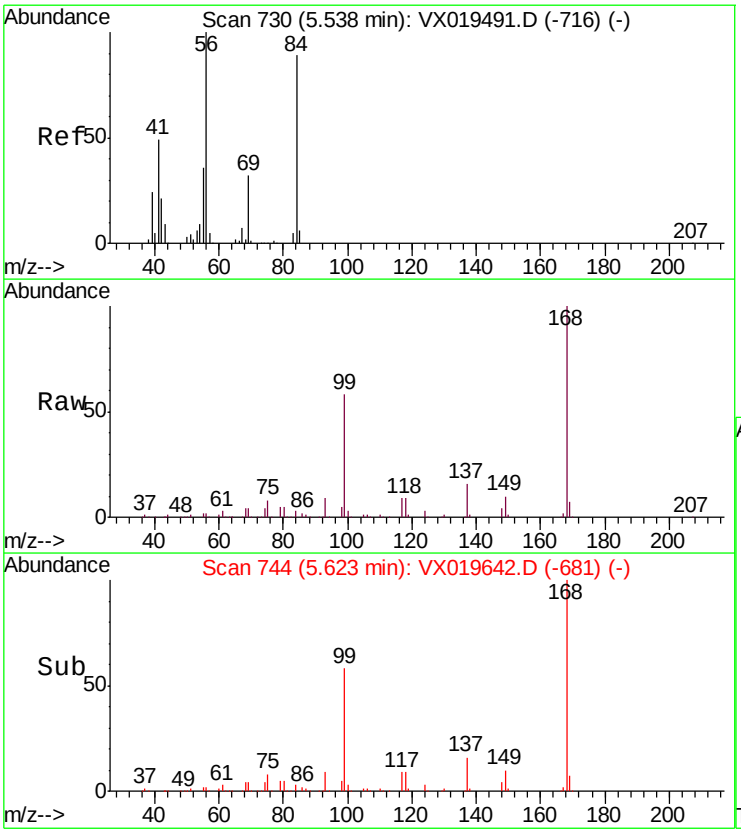
#30
Chloroform
Concen: 5.661 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion: 83 Resp: 36156

Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.5	75.7

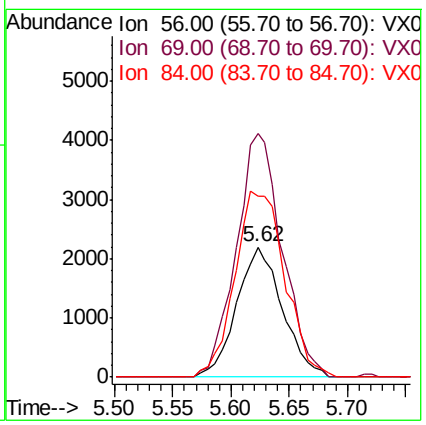


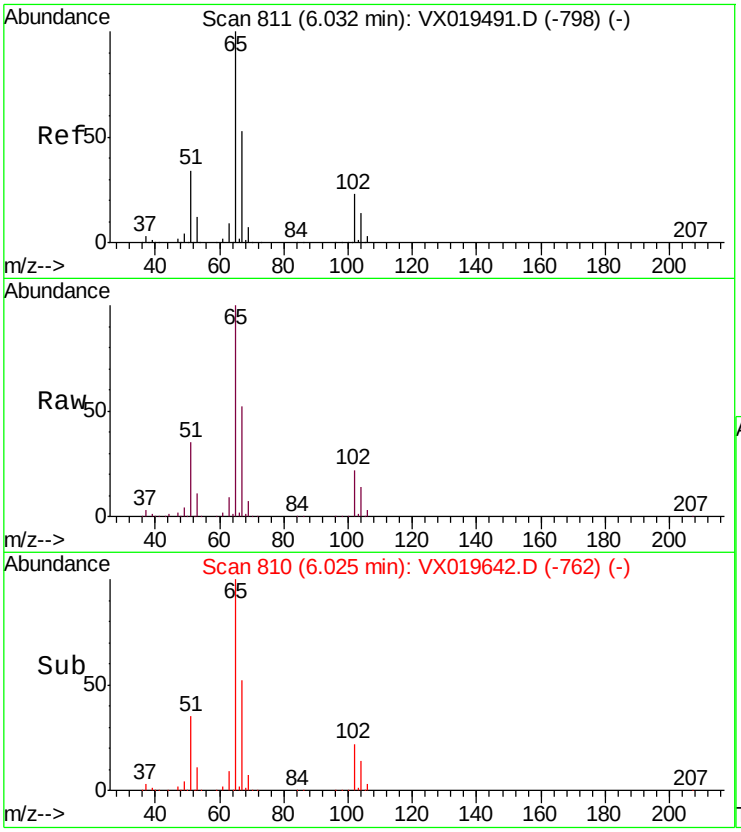


#31
Cyclohexane
Concen: 1.141 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.09 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion: 56 Resp: 5974

Ion	Ratio	Lower	Upper
56	100		
69	187.5	25.5	38.3#
84	138.9	71.1	106.7#



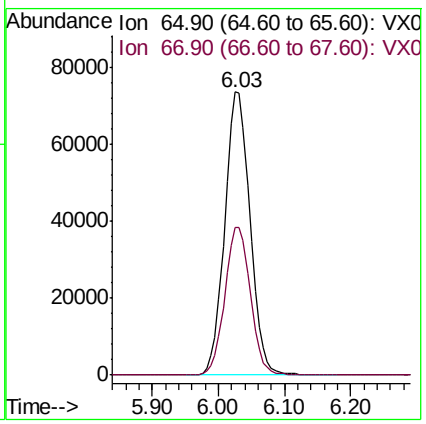


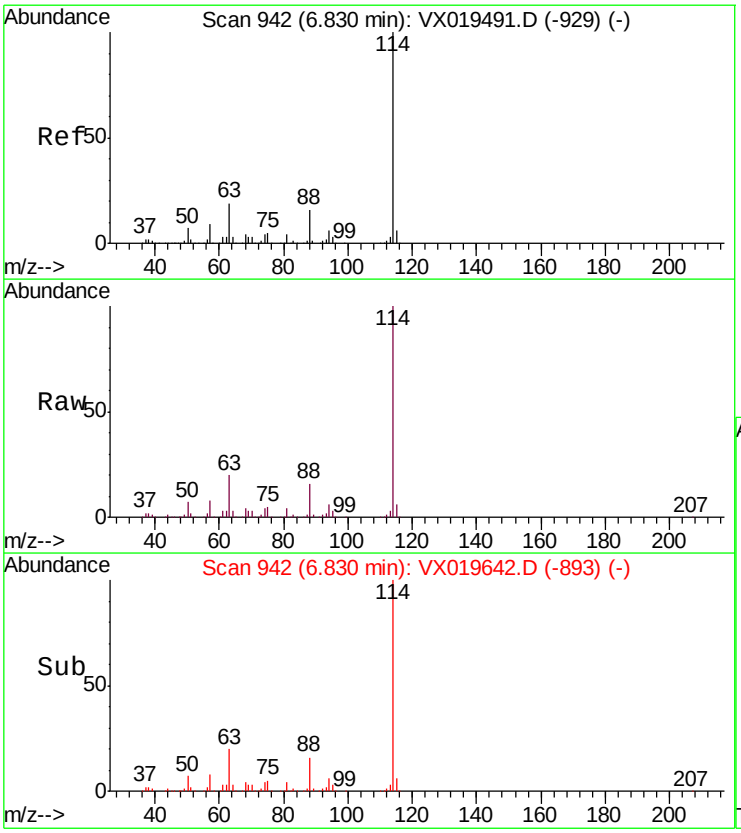
#33
1,2-Dichloroethane-d4
Concen: 48.402 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion: 65 Resp: 194788

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	105.0

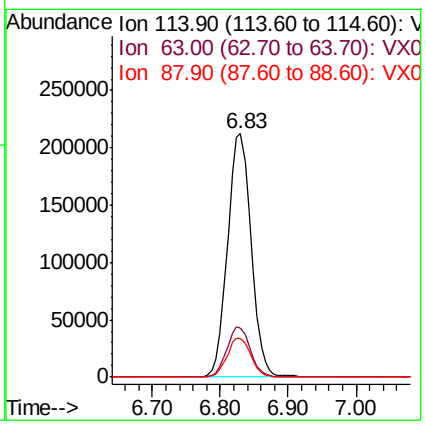


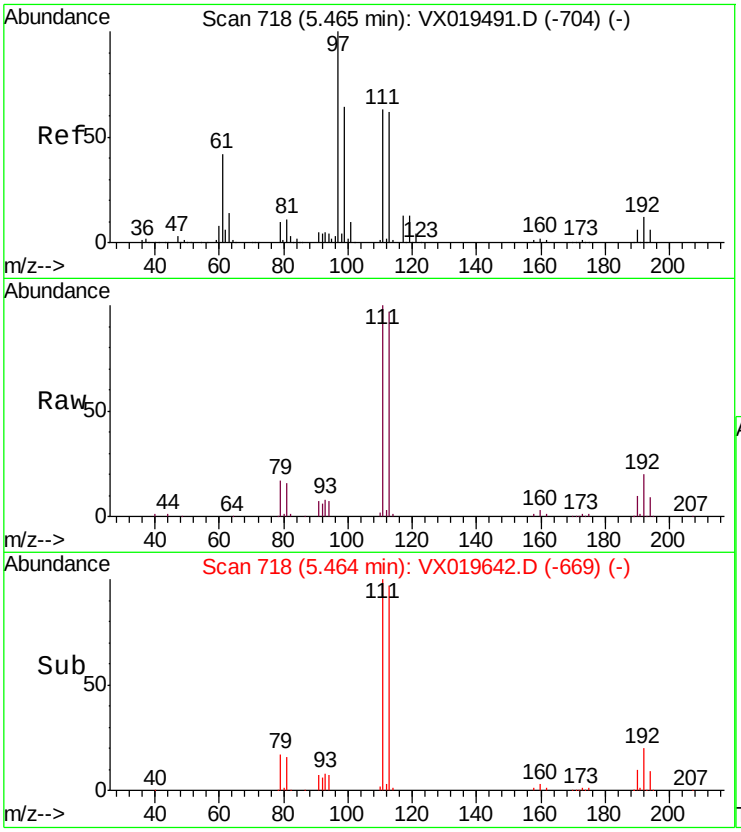


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion:114 Resp: 514221

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.8
88	16.1	0.0	31.6



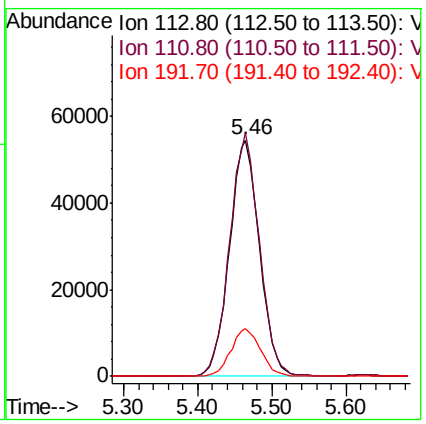


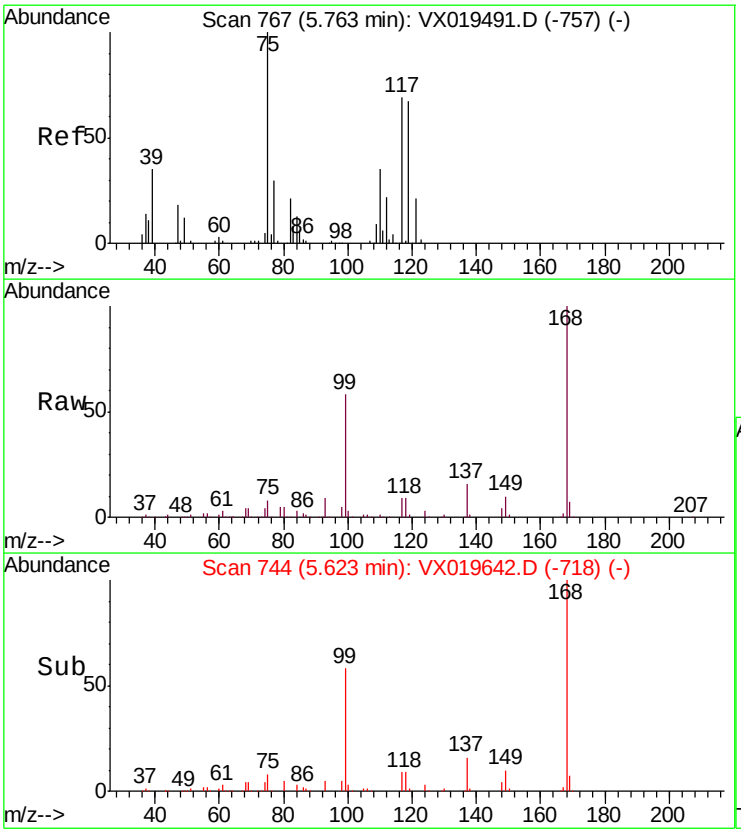
#35
Dibromofluoromethane
Concen: 47.695 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion:113 Resp: 153949

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	20.2	16.2	24.2

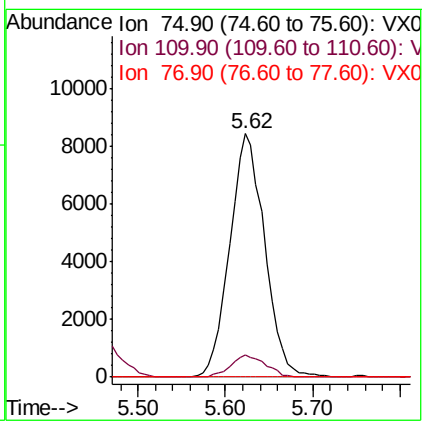


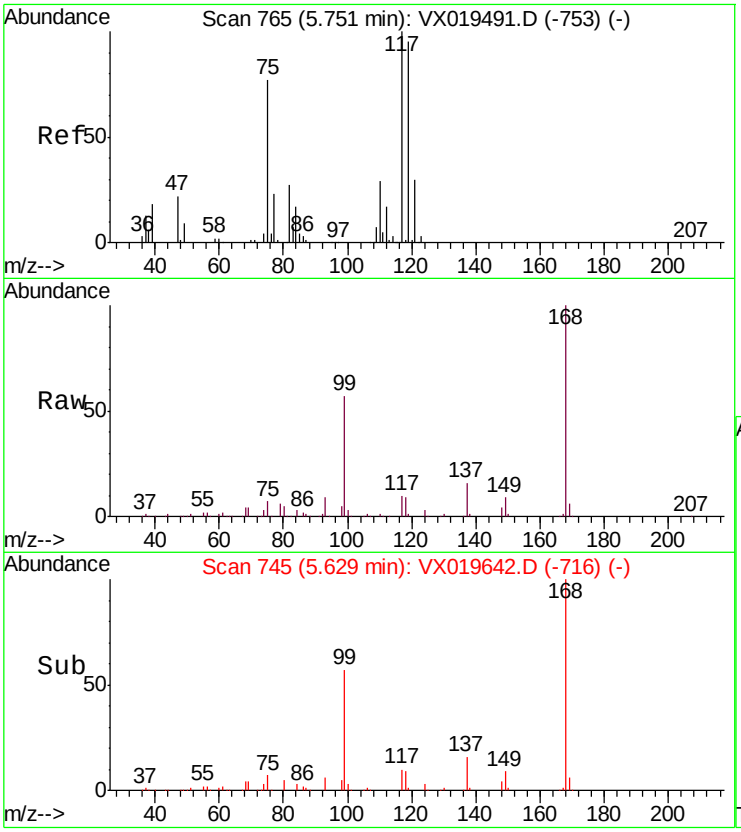


#36
1,1-Dichloropropene
Concen: 4.853 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion: 75 Resp: 23396

Ion	Ratio	Lower	Upper
75	100		
110	9.0	18.1	54.3#
77	0.0	24.2	36.4#



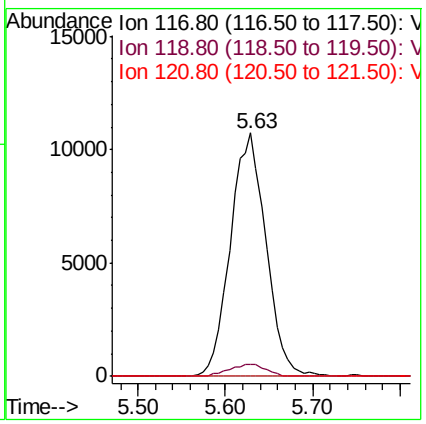


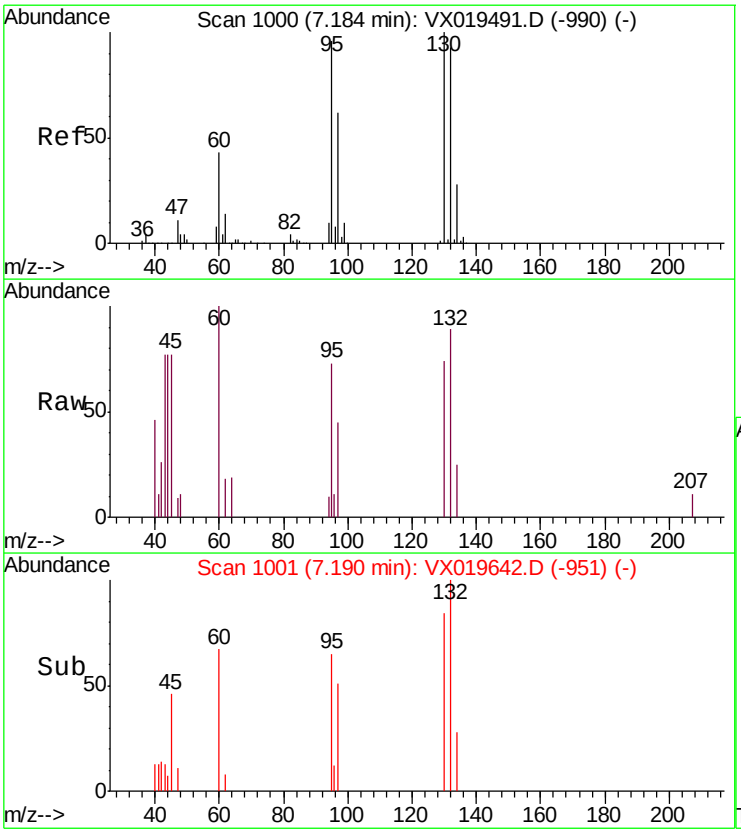
#38
Carbon Tetrachloride
Concen: 6.497 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion:117 Resp: 30318

Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.9	113.9#
121	0.0	24.0	36.0#

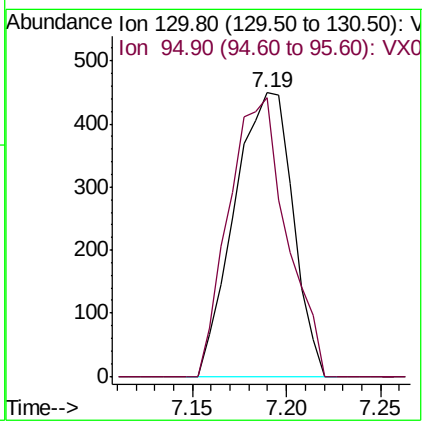


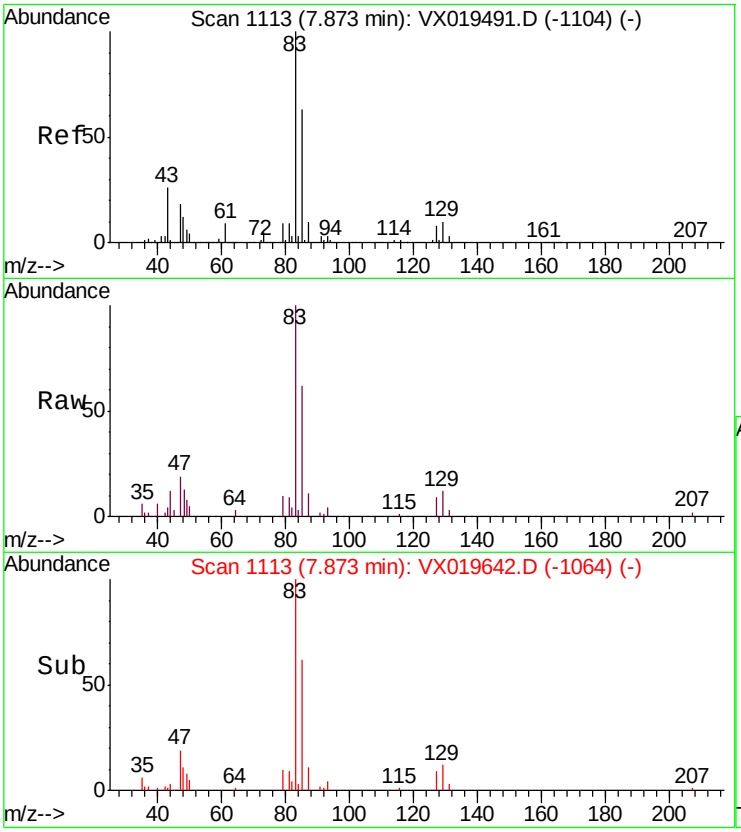


#44
Trichloroethene
Concen: 0.248 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion:130 Resp: 964

Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	191.2



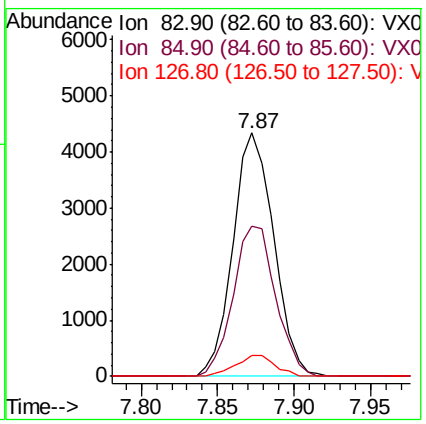


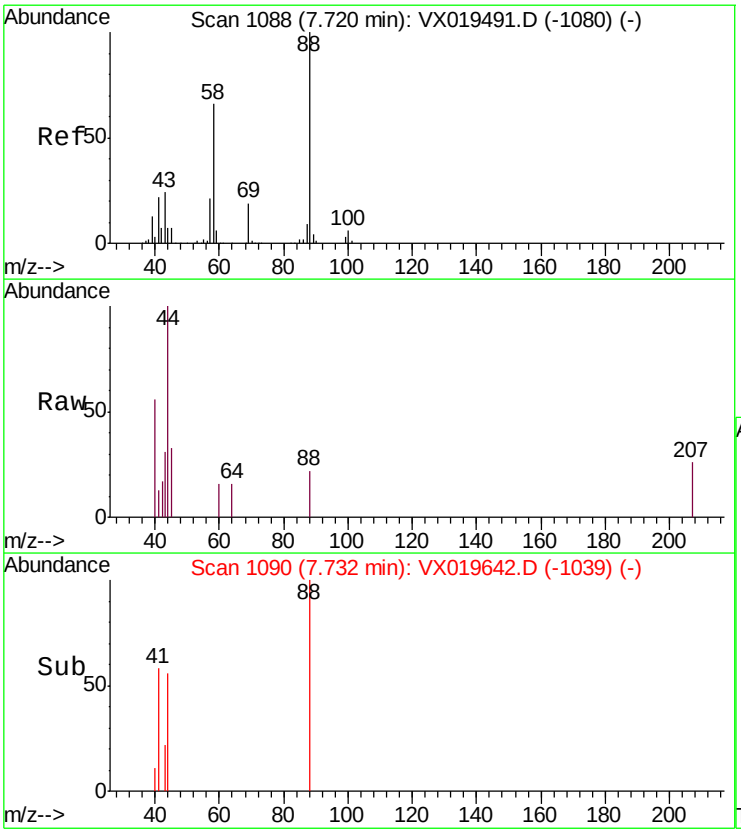
#47
Bromodichloromethane
Concen: 1.663 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion: 83 Resp: 8052

Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.2	75.2
127	8.6	6.4	9.6

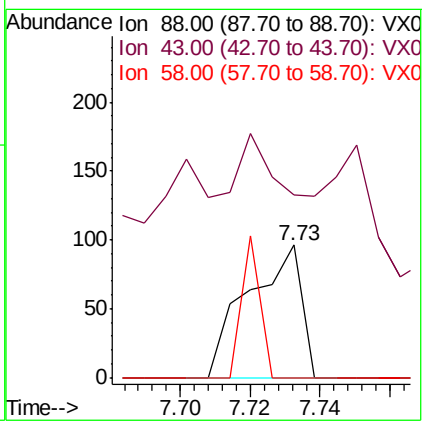


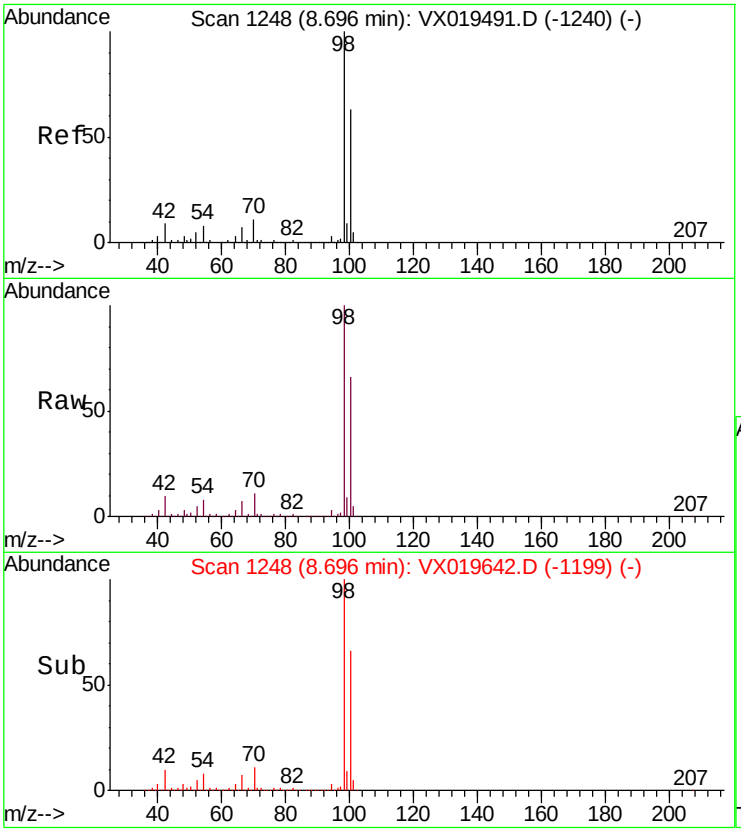


#49
1,4-Dioxane
Concen: 1.273 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion: 88 Resp: 103

Ion	Ratio	Lower	Upper
88	100		
43	64.1	23.8	35.6#
58	36.9	54.2	81.2#



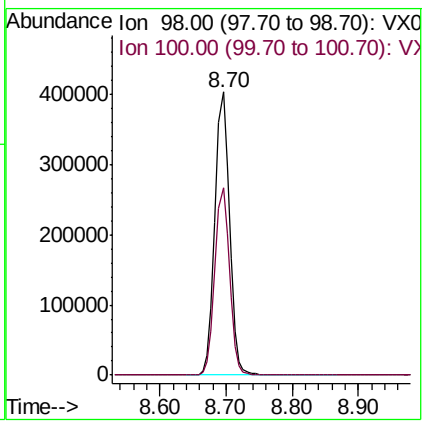


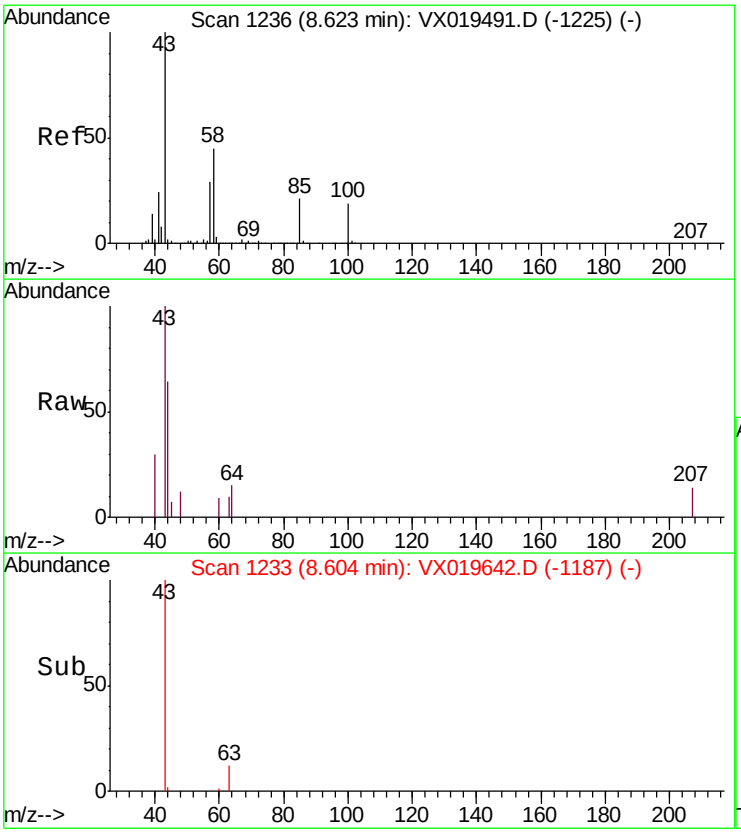
#50
Toluene-d8
Concen: 49.162 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion: 98 Resp: 616628

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.4	78.6

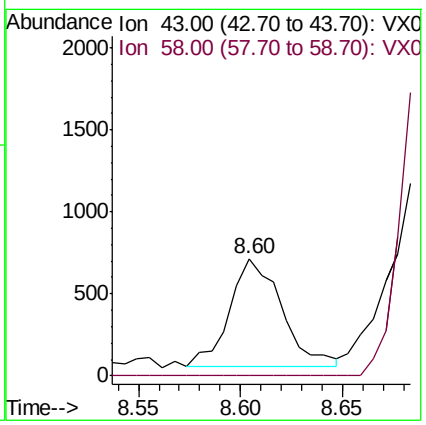


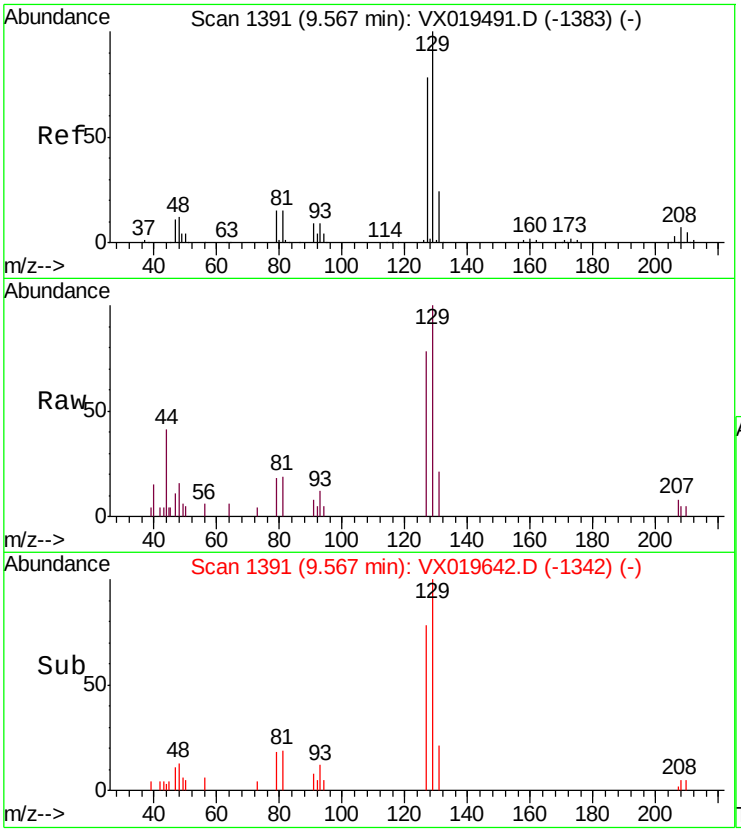


#51
4-Methyl-2-Pentanone
Concen: 0.267 ug/l
RT: 8.60 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion: 43 Resp: 1185

Ion	Ratio	Lower	Upper
43	100		
58	0.0	35.1	52.7#



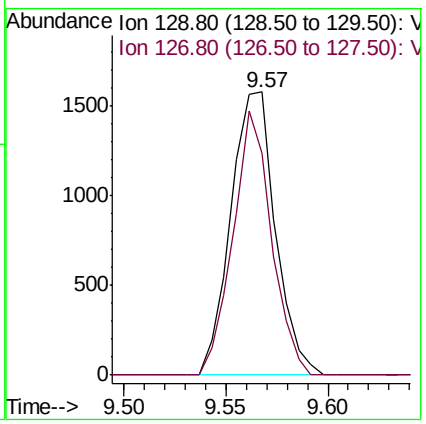


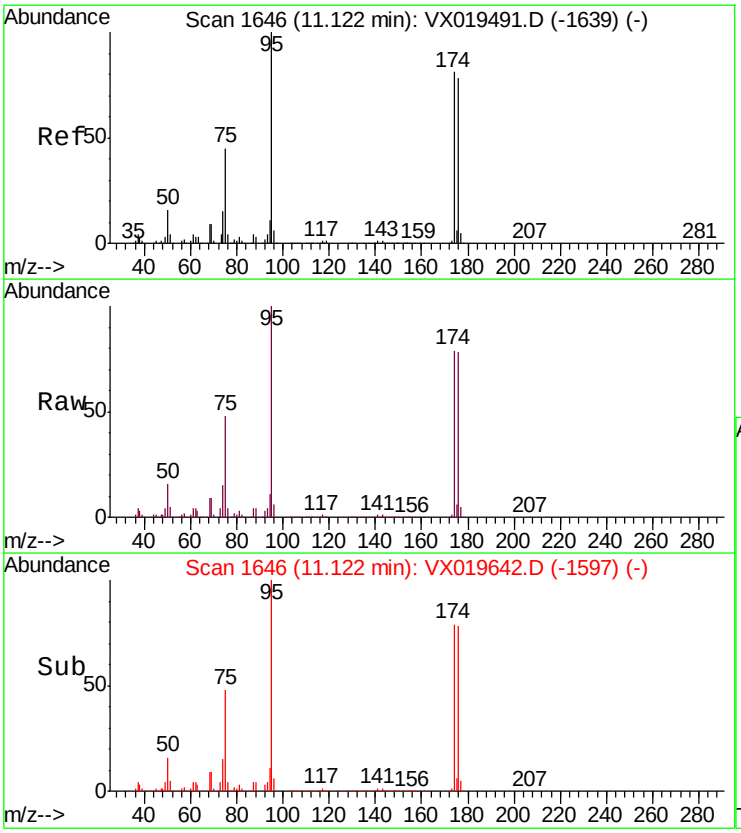
#60
Dibromochloromethane
Concen: 0.661 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion:129 Resp: 2391

Ion	Ratio	Lower	Upper
129	100		
127	80.2	39.0	116.9

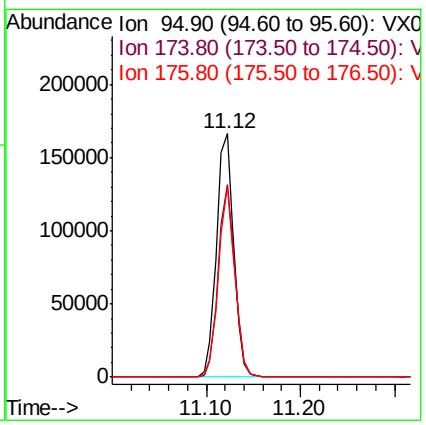


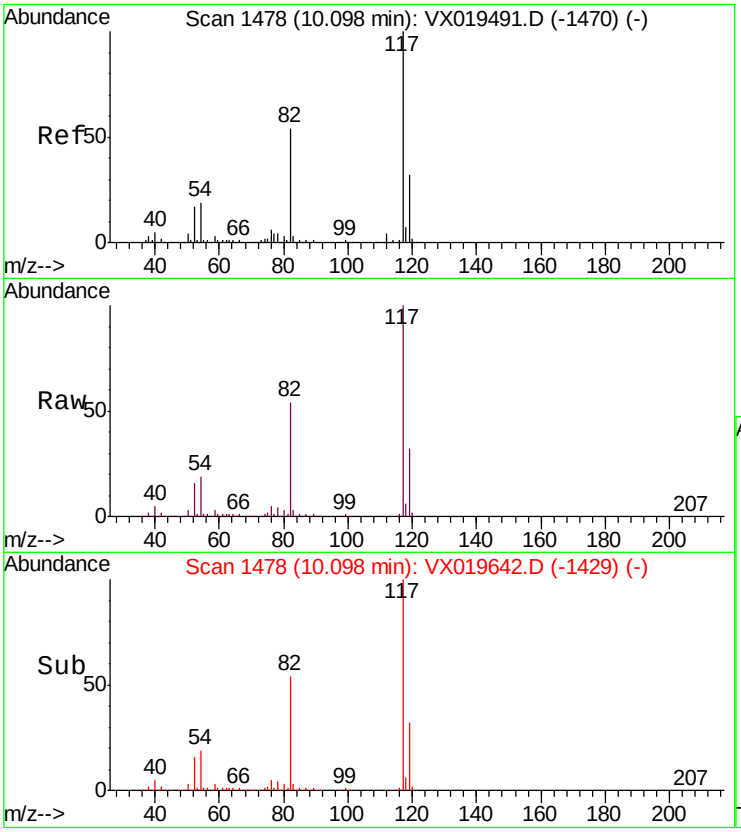


#62
4-Bromofluorobenzene
Concen: 47.058 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion: 95 Resp: 212360

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	156.2
176	73.8	0.0	151.4



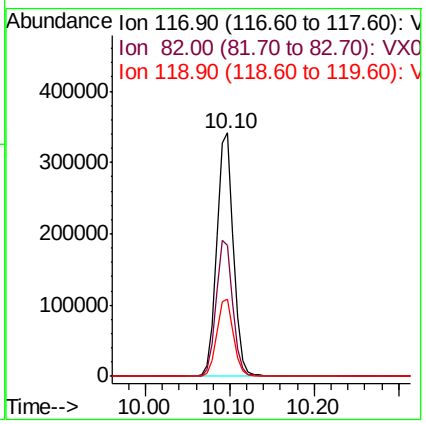


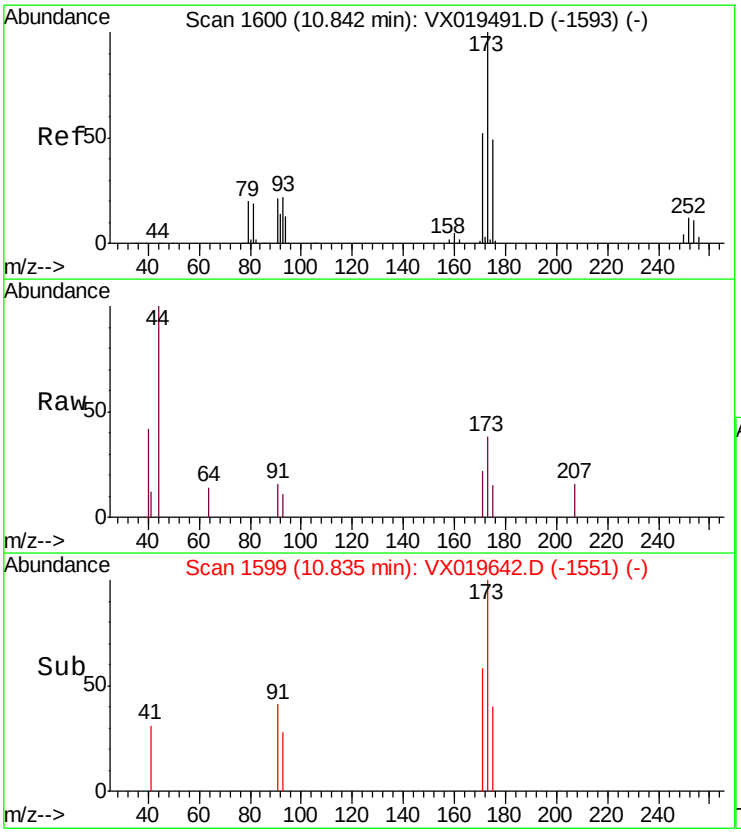
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion:117 Resp: 467277

Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.4
119	31.8	25.6	38.4

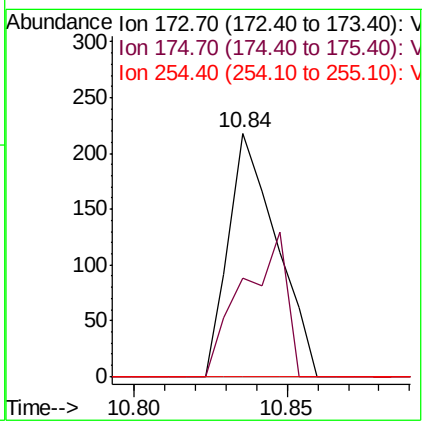


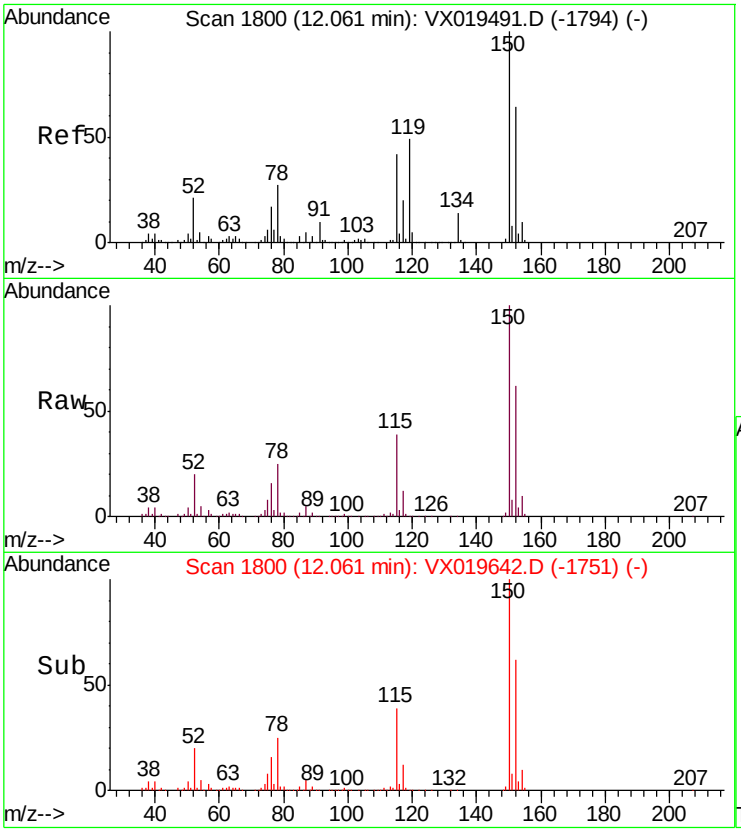


#71
Bromoform
Concen: 3.677 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion:173 Resp: 237

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



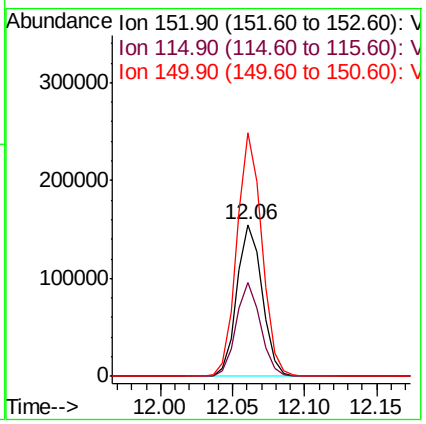


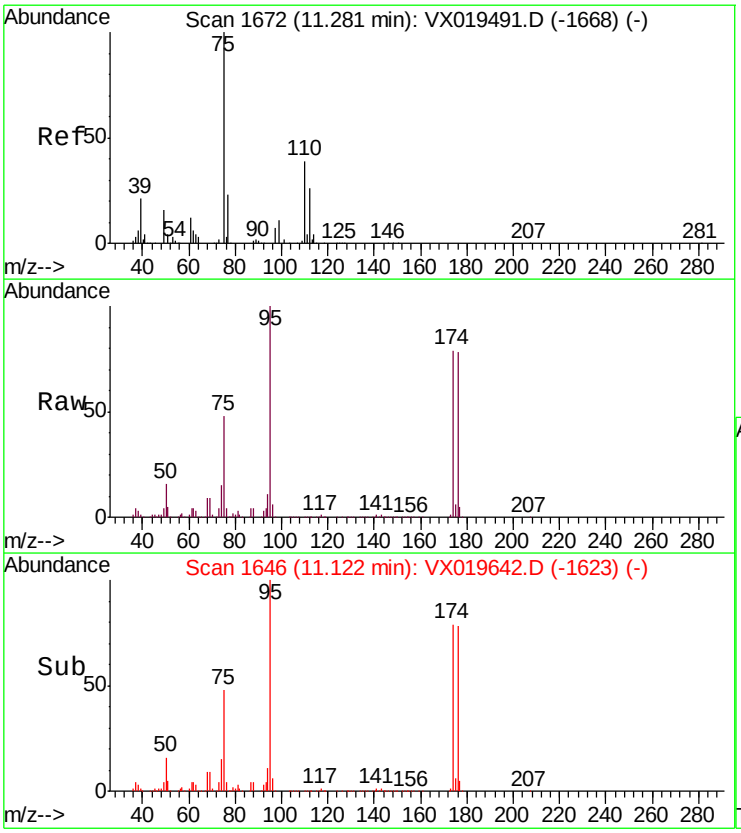
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion:152 Resp: 189321

Ion	Ratio	Lower	Upper
152	100		
115	60.0	41.8	125.4
150	158.4	0.0	348.2

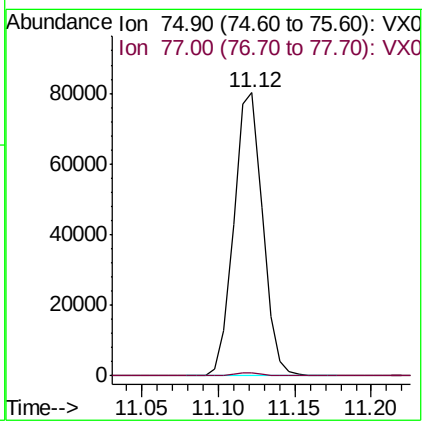


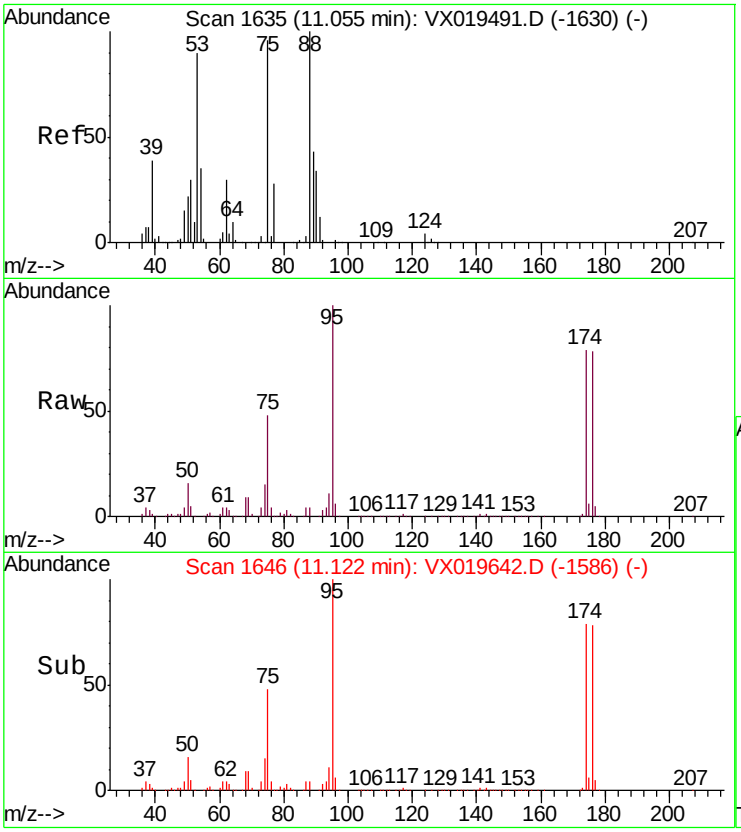


#76
1,2,3-Trichloropropane
Concen: 25.310 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion: 75 Resp: 104572

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	60.0#



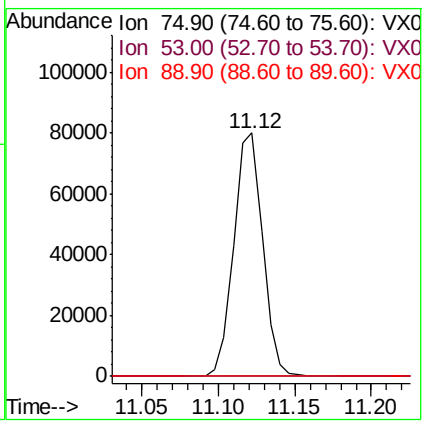


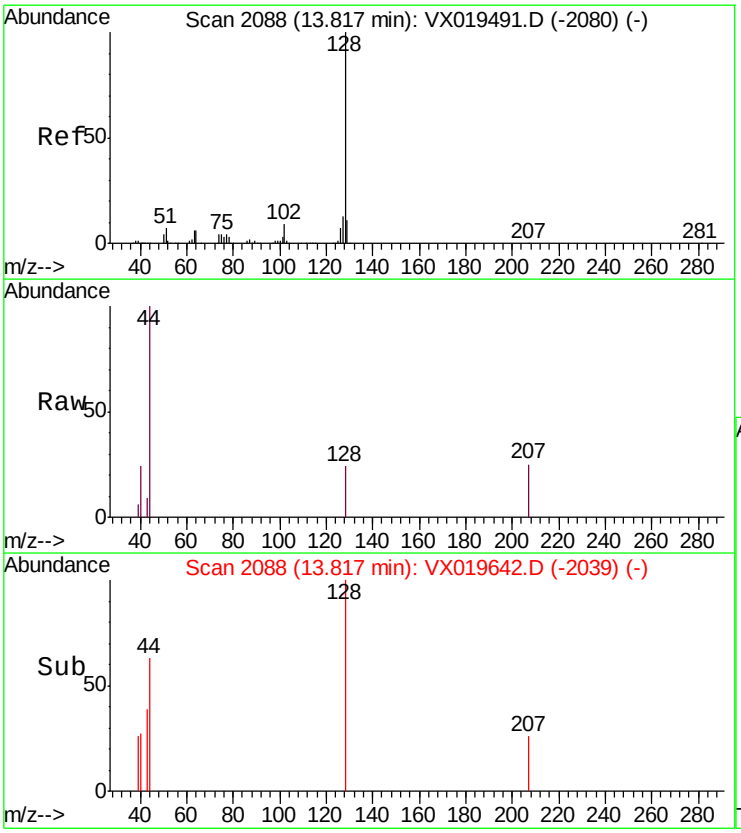
#81
trans-1,4-Dichloro-2-butene
Concen: 66.806 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Instrument :
MSVOA_X
ClientSampleId :
MH-388.9-20201119

Tgt Ion: 75 Resp: 104572

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: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019642.D
Acq: 25 Nov 2020 06:14

Tgt Ion:128 Resp: 260

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