Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019549.D
Acq On : 23 Nov 2020 14:41
Operator : JC/MD
Sample : L4798-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : 22BR-20201118

Quant Time: Nov 24 00:32:00 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	312796	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	500399	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	431080	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182704	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	182478	44.99	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 89.98%				
35) Dibromofluoromethane	5.46	113	147356	46.91	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 93.82%				
50) Toluene-d8	8.70	98	586573	48.06	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.12%				
62) 4-Bromofluorobenzene	11.12	95	197458	44.96	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	947	0.311	ug/l		84
6) Chloroethane	1.70	64	648	Below Cal		#	49
9) 1,1,2-Trichlorotrifluoroet	2.35	101	841	0.278	ug/l		98
11) Tert butyl alcohol	3.00	59	232	0.302	ug/l	#	73
12) 1,1-Dichloroethene	2.34	96	1302	0.419	ug/l	#	83
13) Acrolein	2.26	56	158	0.306	ug/l	#	65
16) Acetone	2.42	43	1039	0.662	ug/l	#	84
18) Methyl Acetate	2.75	43	113	0.664	ug/l	#	81
21) trans-1,2-Dichloroethene	3.14	96	860	0.244	ug/l	#	85
27) cis-1,2-Dichloroethene	4.56	96	57486	14.224	ug/l		94
30) Chloroform	5.18	83	1486	0.231	ug/l	#	80
31) Cyclohexane	5.62	56	6050	1.147	ug/l	#	1
36) 1,1-Dichloropropene	5.62	75	22989	4.900	ug/l	#	49
38) Carbon Tetrachloride	5.62	117	30202	6.651	ug/l	#	17
44) Trichloroethene	7.18	130	34993	9.268	ug/l		99
51) 4-Methyl-2-Pentanone	8.70	43	2399	0.556	ug/l	#	1
70) Styrene	10.70	104	102	1.655	ug/l	#	59
76) 1,2,3-Trichloropropane	11.12	75	97436	24.437	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.12	75	97436	64.648	ug/l	#	12
95) Naphthalene	13.82	128	299	2.199	ug/l	#	69

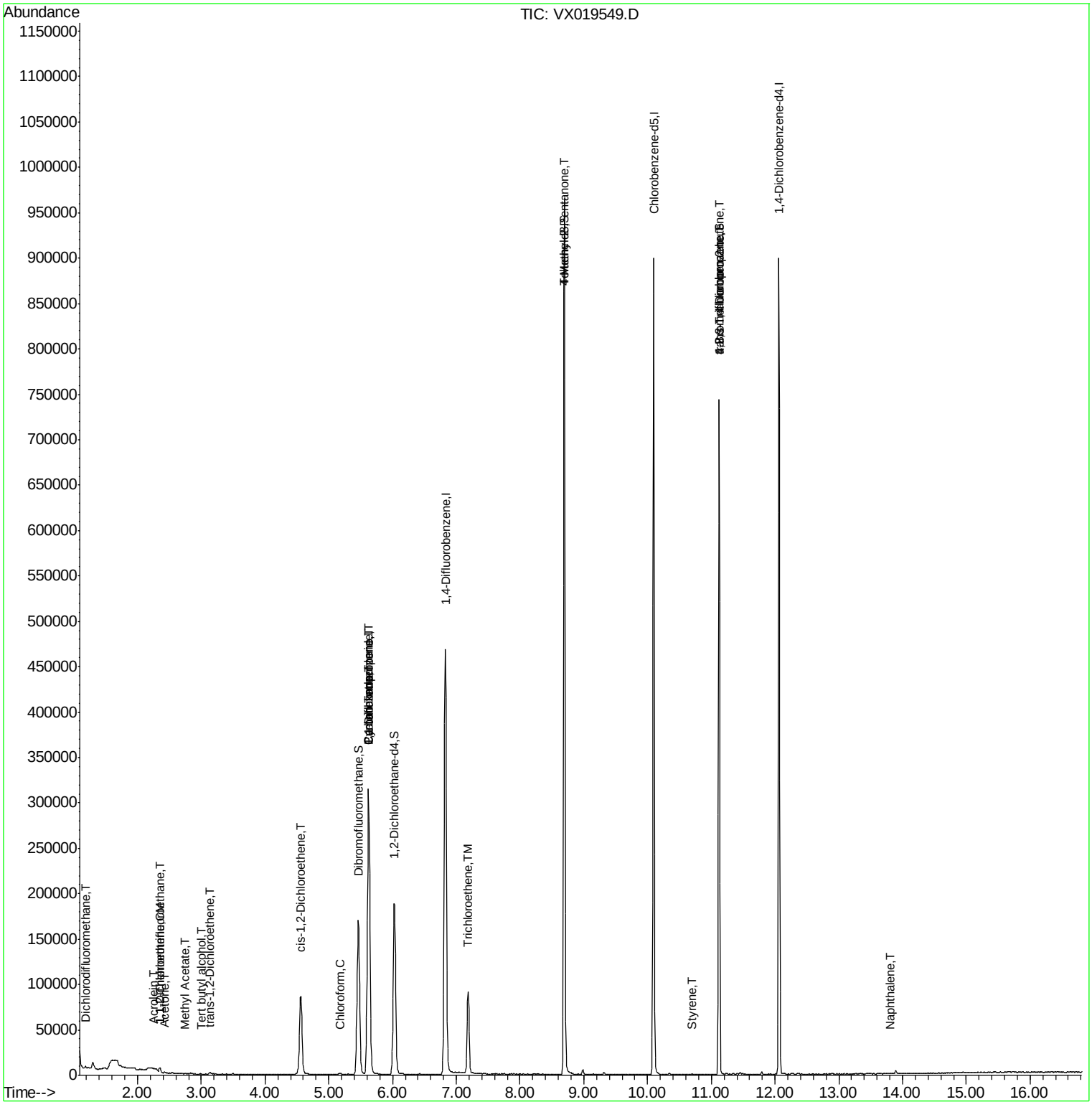
(#) = qualifier out of range (m) = manual integration (+) = signals summed

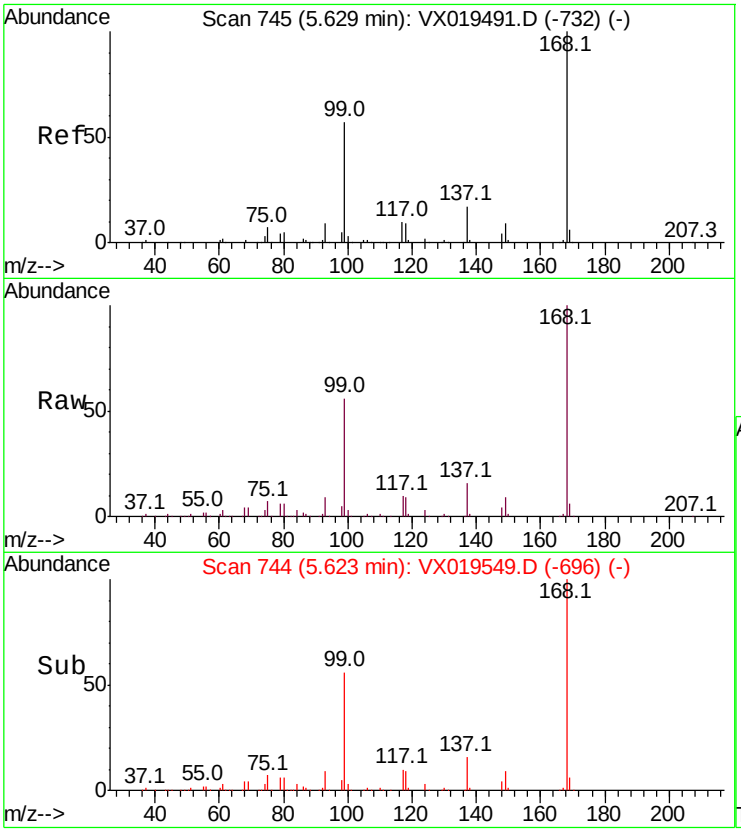
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019549.D
Acq On : 23 Nov 2020 14:41
Operator : JC/MD
Sample : L4798-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
22BR-20201118

Quant Time: Nov 24 00:32:00 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



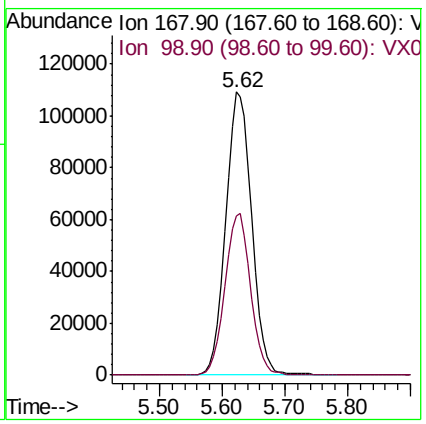


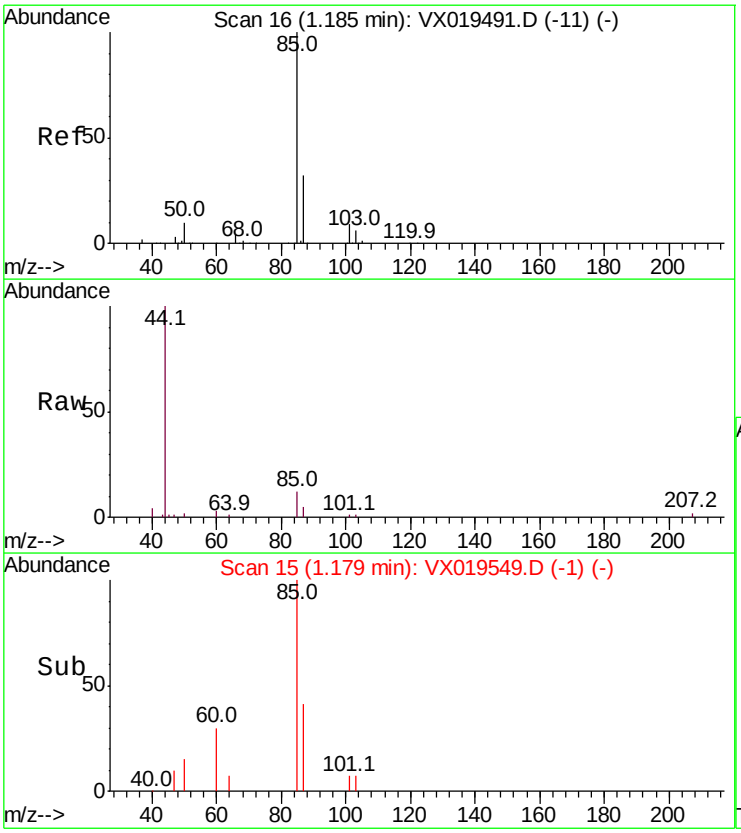
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.01 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument : MSVOA_X
ClientSampleId : 22BR-20201118

Tgt Ion:168 Resp: 312796

Ion	Ratio	Lower	Upper
168	100		
99	56.5	45.8	68.6

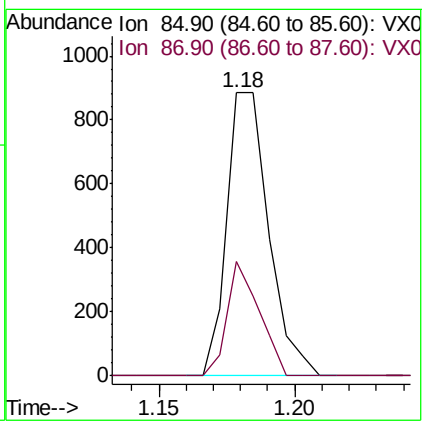


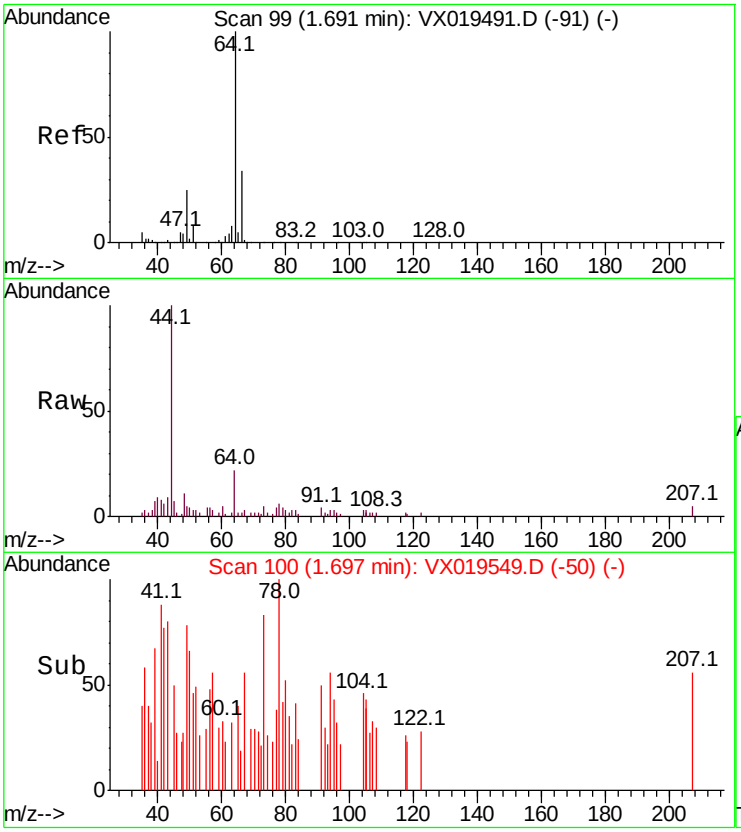


#2
Dichlorodifluoromethane
Concen: 0.311 ug/l
RT: 1.18 min Scan# 15
Delta R.T. -0.01 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion: 85 Resp: 947

Ion	Ratio	Lower	Upper
85	100		
87	40.6	16.0	47.9



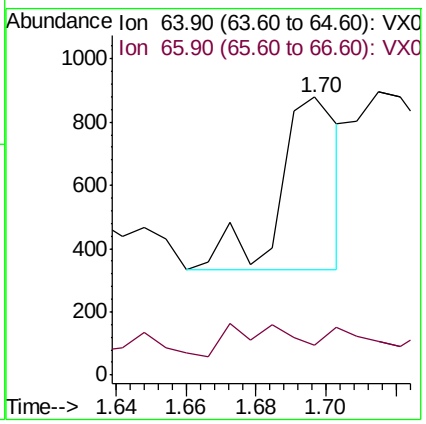


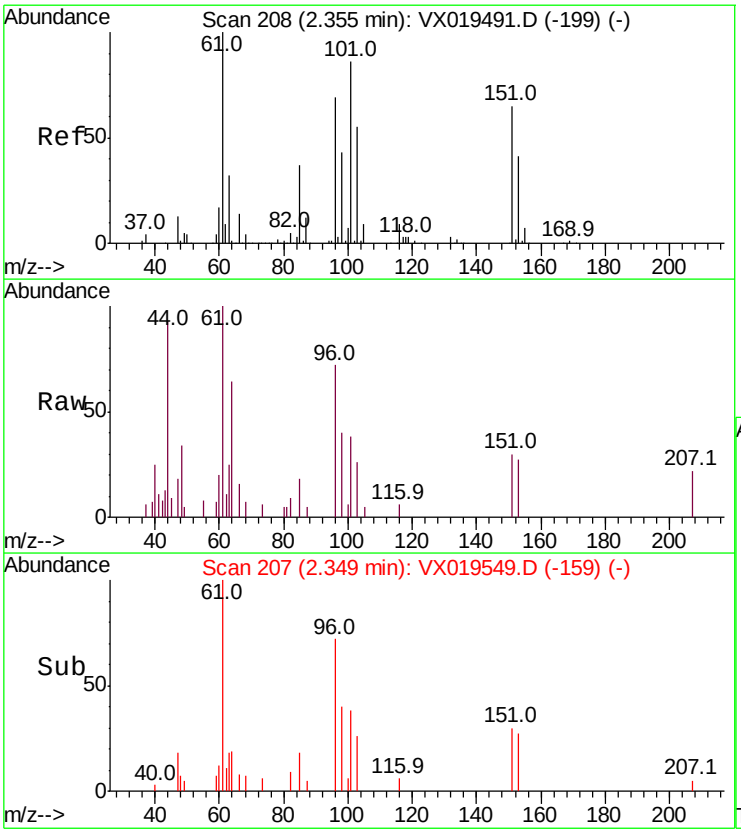
#6
Chloroethane
Concen: Below Cal
RT: 1.70 min Scan# 100
Delta R.T. 0.01 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :
22BR-20201118

Tgt Ion: 64 Resp: 648

Ion	Ratio	Lower	Upper
64	100		
66	5.0	27.1	40.7#

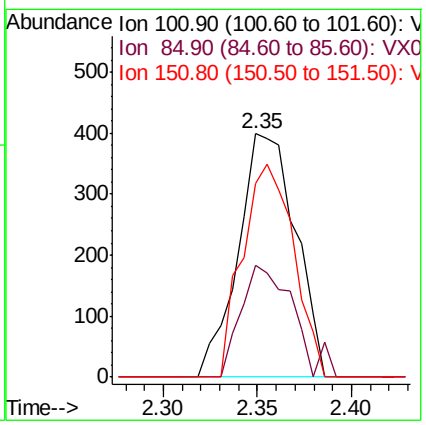


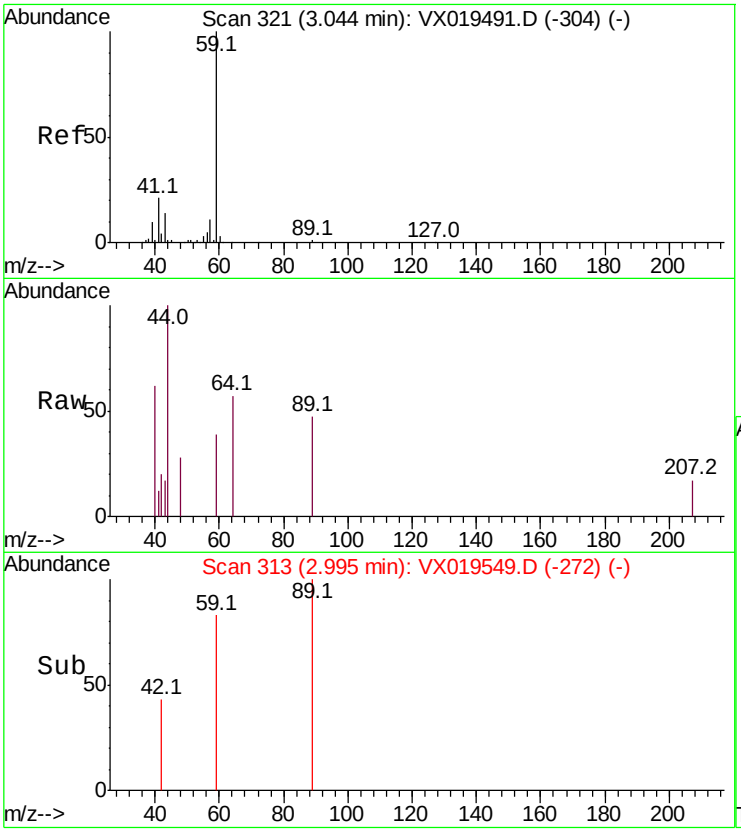


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.278 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion:101 Resp: 841

Ion	Ratio	Lower	Upper
101	100		
85	42.0	33.9	50.9
151	78.1	60.9	91.3



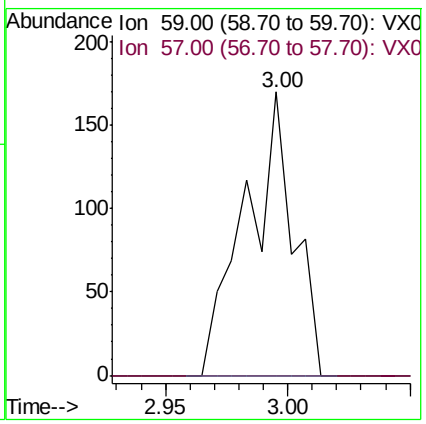


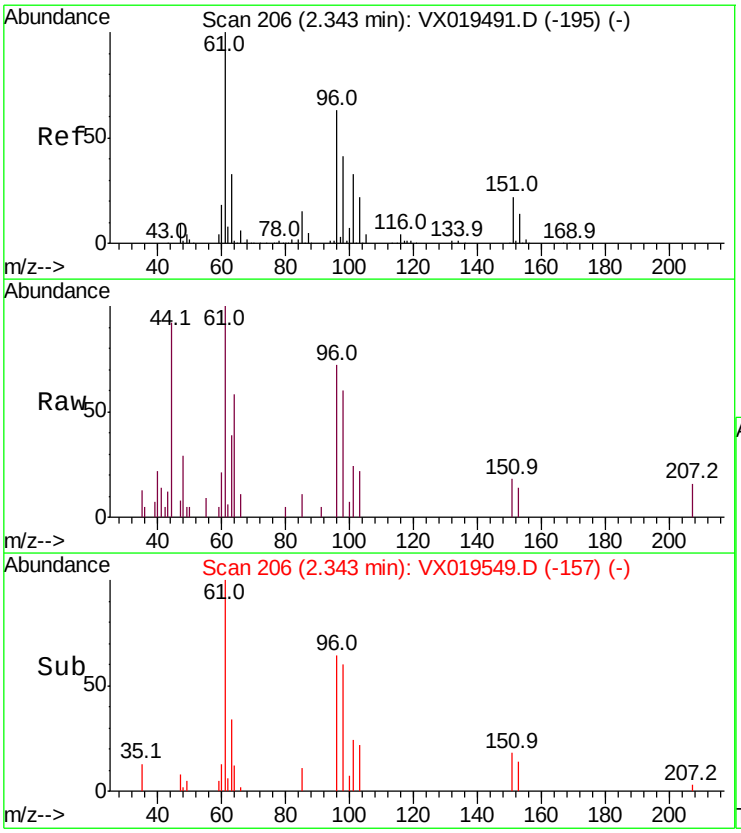
#11
Tert butyl alcohol
Concen: 0.302 ug/l
RT: 3.00 min Scan# 313
Delta R.T. -0.05 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument : MSVOA_X
ClientSampleId : 22BR-20201118

Tgt Ion: 59 Resp: 232

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

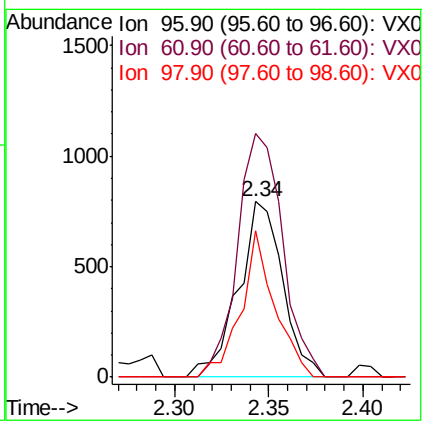


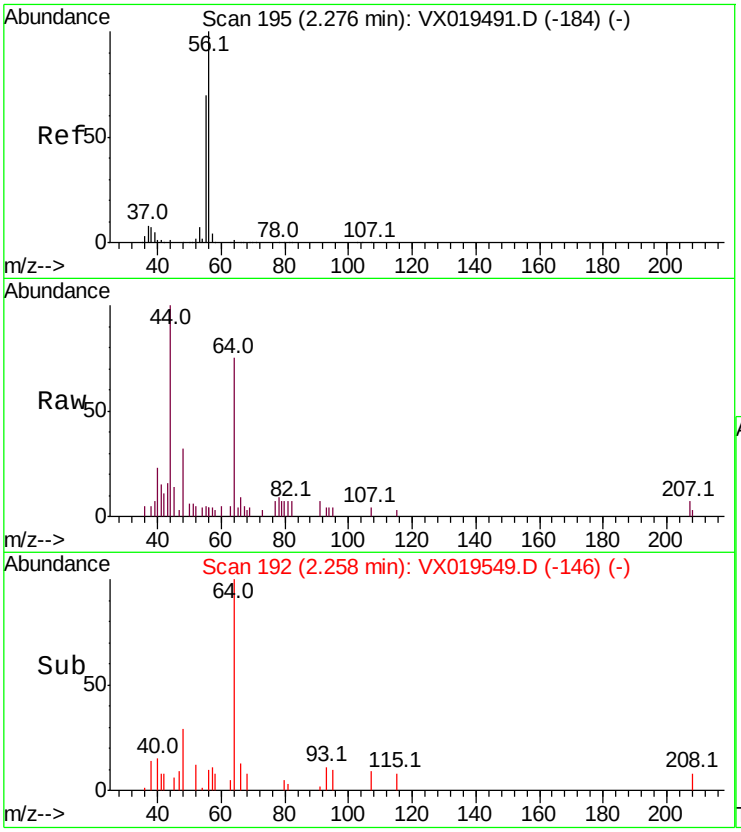


#12
1,1-Dichloroethene
Concen: 0.419 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion: 96 Resp: 1302

Ion	Ratio	Lower	Upper
96	100		
61	139.0	126.0	189.0
98	83.5	52.0	78.0#



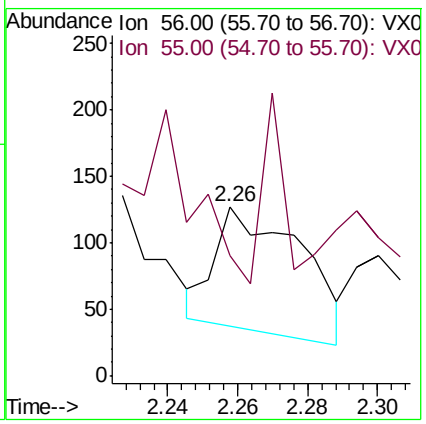


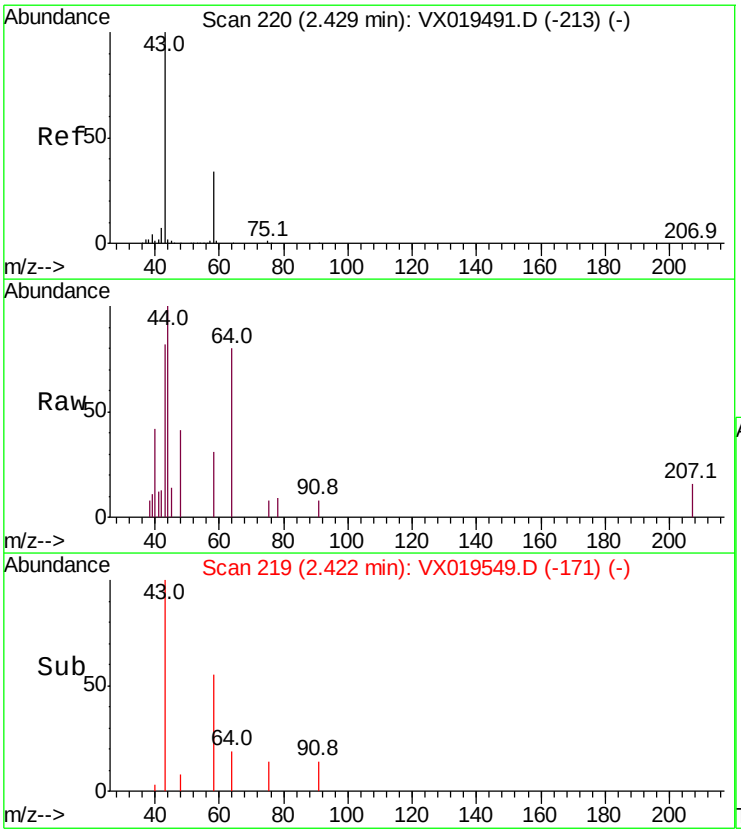
#13
Acrolein
Concen: 0.306 ug/l
RT: 2.26 min Scan# 192
Delta R.T. -0.02 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :
22BR-20201118

Tgt Ion: 56 Resp: 158

Ion	Ratio	Lower	Upper
56	100		
55	41.1	55.5	83.3#

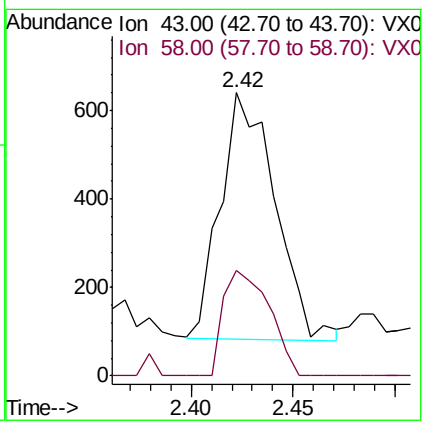


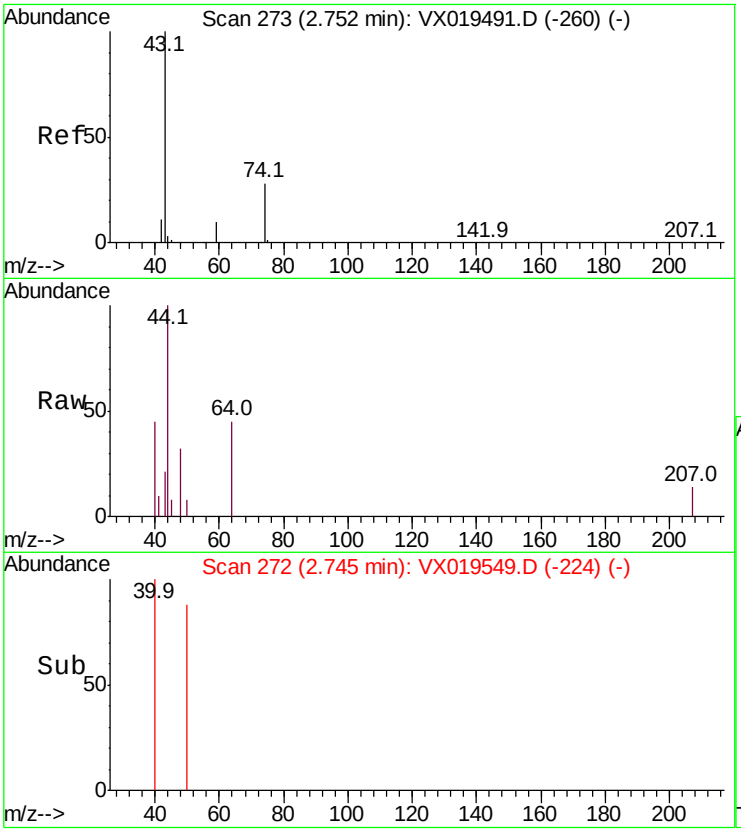


#16
Acetone
Concen: 0.662 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion: 43 Resp: 1039

Ion	Ratio	Lower	Upper
43	100		
58	43.3	27.4	41.2#



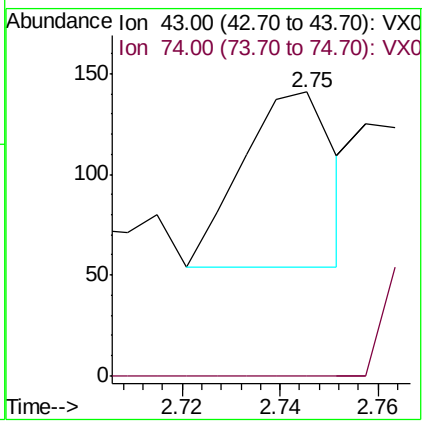


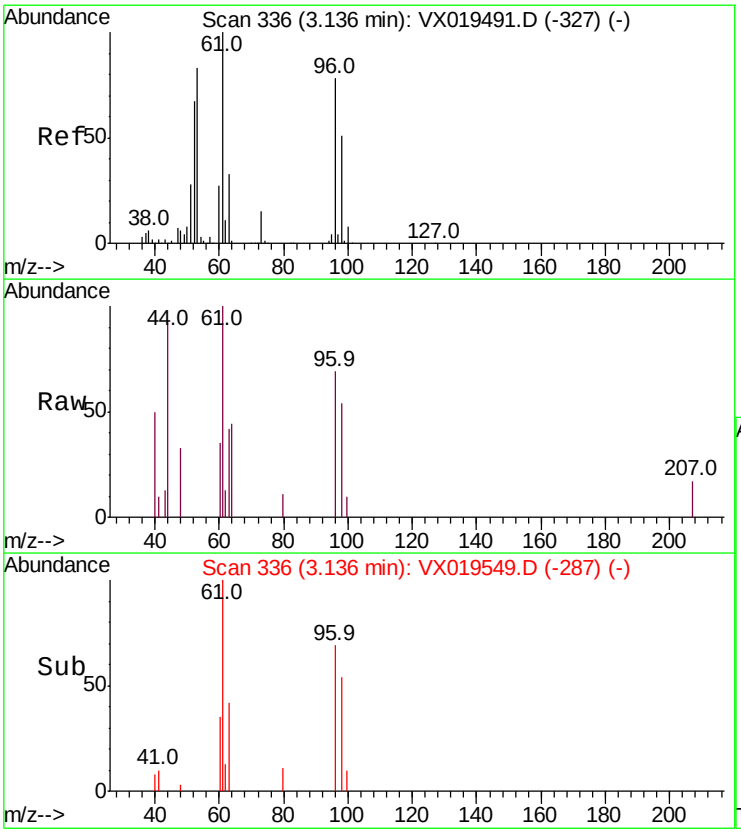
#18
Methyl Acetate
Concen: 0.664 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument : MSVOA_X
ClientSampleId : 22BR-20201118

Tgt Ion: 43 Resp: 113

Ion	Ratio	Lower	Upper
43	100		
74	17.7	22.2	33.4#

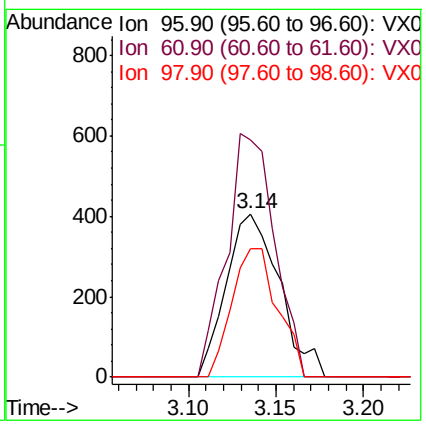


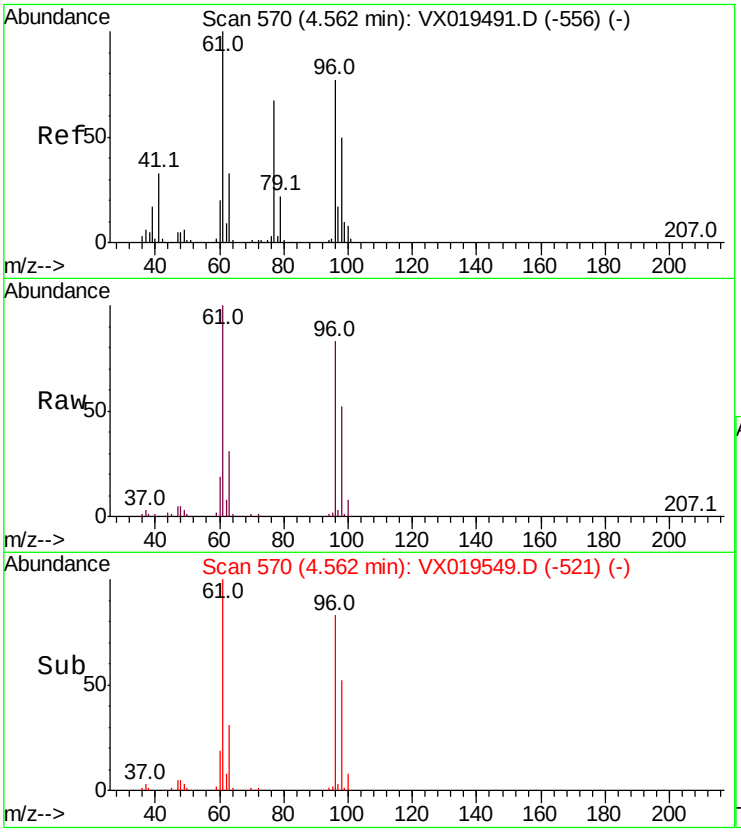


#21
trans-1,2-Dichloroethene
Concen: 0.244 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion: 96 Resp: 860

Ion	Ratio	Lower	Upper
96	100		
61	145.3	102.9	154.3
98	78.6	52.1	78.1#



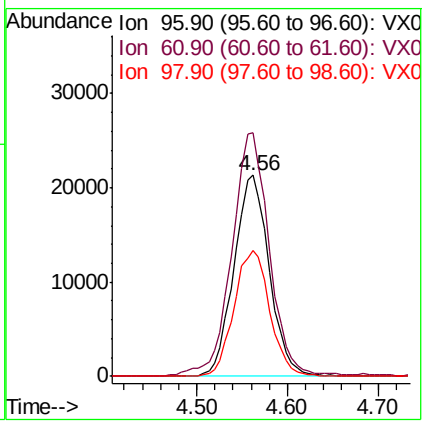


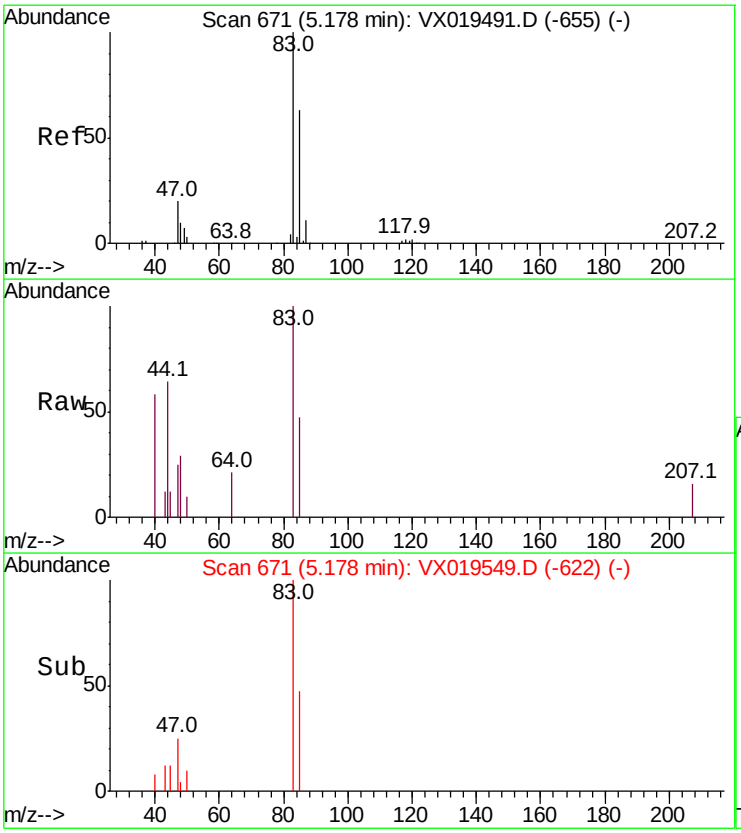
#27
cis-1,2-Dichloroethene
Concen: 14.224 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :
22BR-20201118

Tgt Ion: 96 Resp: 57486

Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	279.2
98	63.3	0.0	129.8

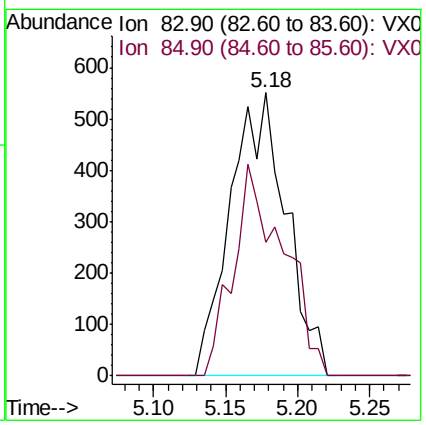


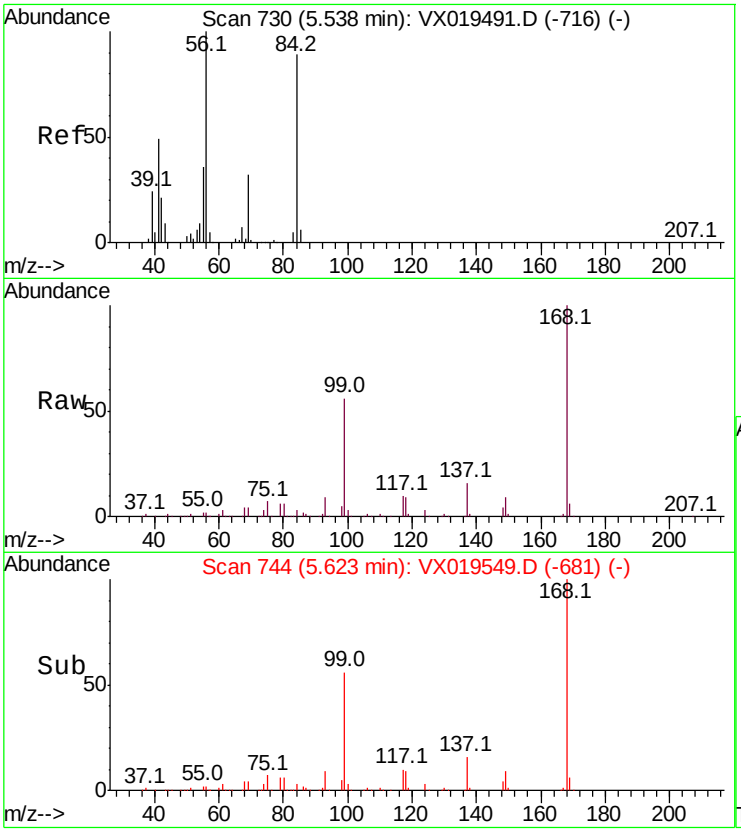


#30
Chloroform
Concen: 0.231 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion: 83 Resp: 1486

Ion	Ratio	Lower	Upper
83	100		
85	47.2	50.5	75.7#



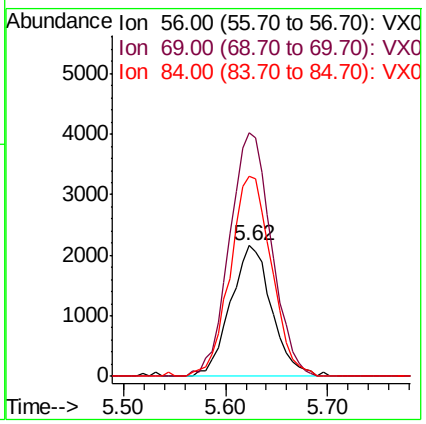


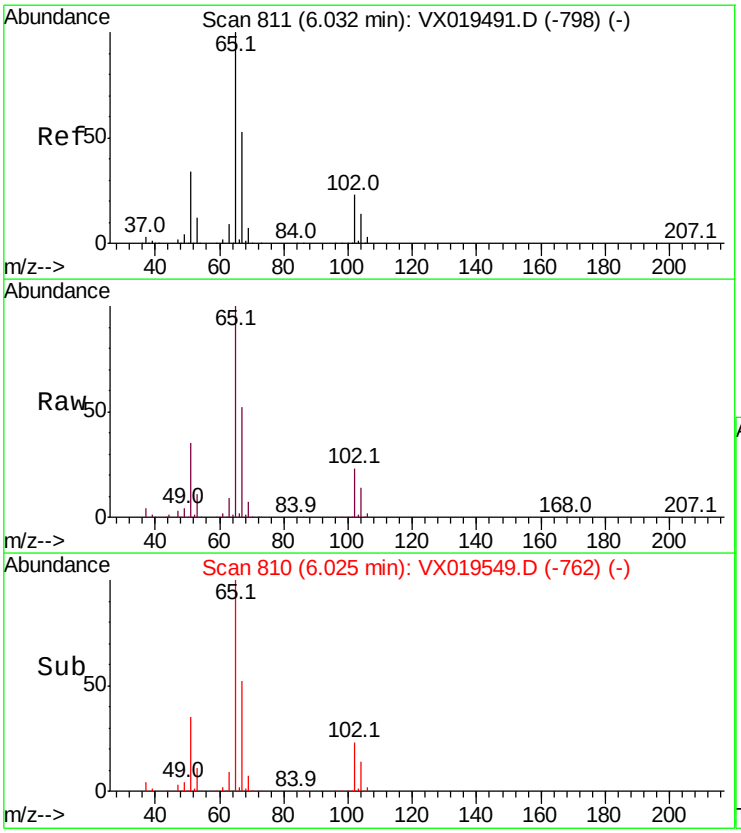
#31
Cyclohexane
Concen: 1.147 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.09 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument : MSVOA_X
ClientSampleId : 22BR-20201118

Tgt Ion: 56 Resp: 6050

Ion	Ratio	Lower	Upper
56	100		
69	186.3	25.5	38.3#
84	153.2	71.1	106.7#

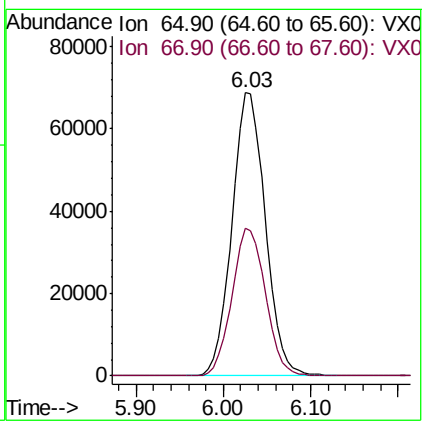


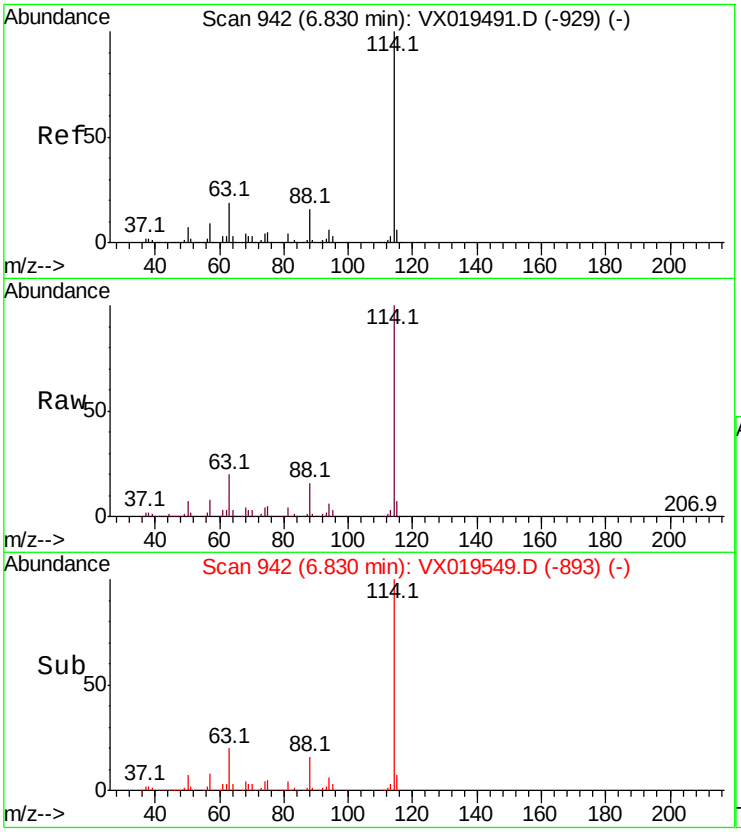


#33
1,2-Dichloroethane-d4
Concen: 44.993 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion: 65 Resp: 182478

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	105.0



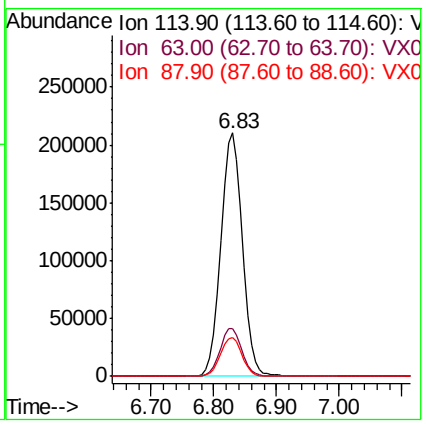


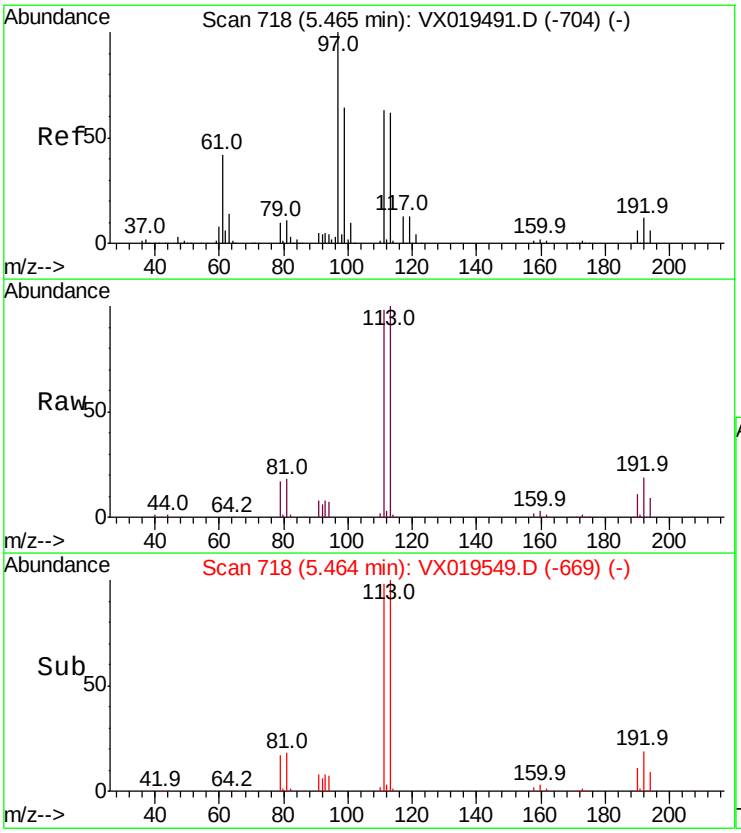
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :
22BR-20201118

Tgt Ion:114 Resp: 500399

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.8
88	15.7	0.0	31.6

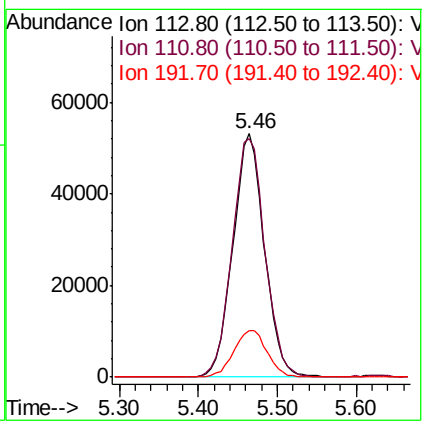


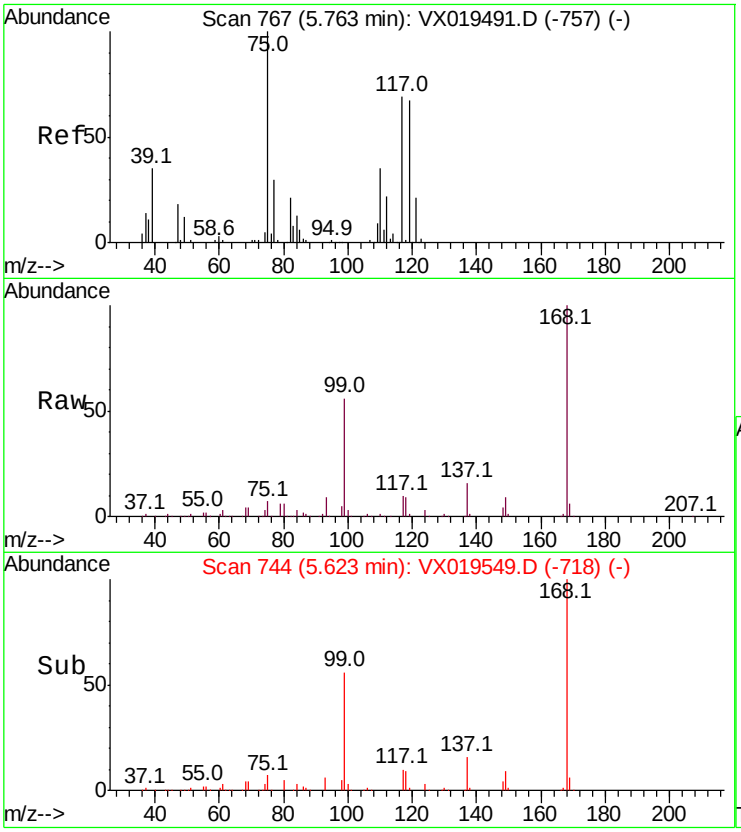


#35
Dibromofluoromethane
Concen: 46.914 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion:113 Resp: 147356

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.5	122.3
192	20.3	16.2	24.2



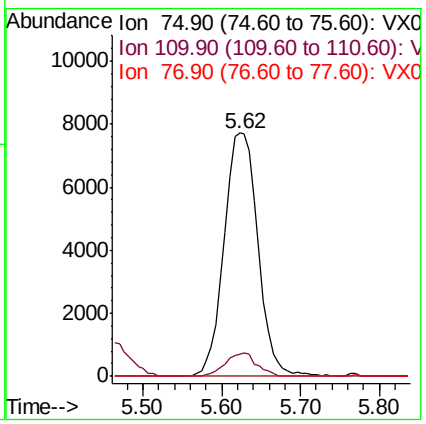


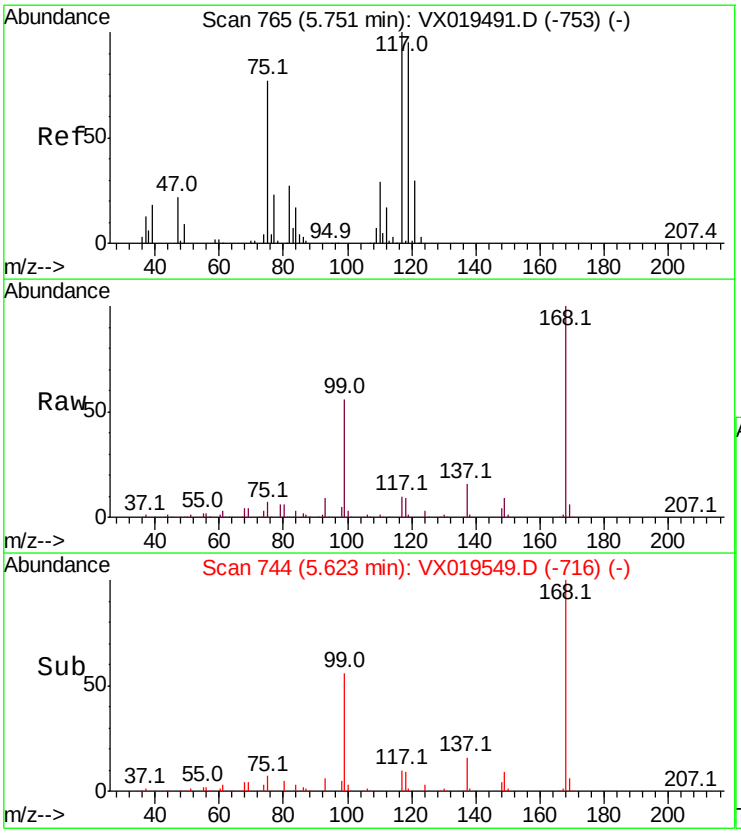
#36
1,1-Dichloropropene
Concen: 4.900 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.14 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :
22BR-20201118

Tgt Ion: 75 Resp: 22989

Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.3#
77	0.0	24.2	36.4#

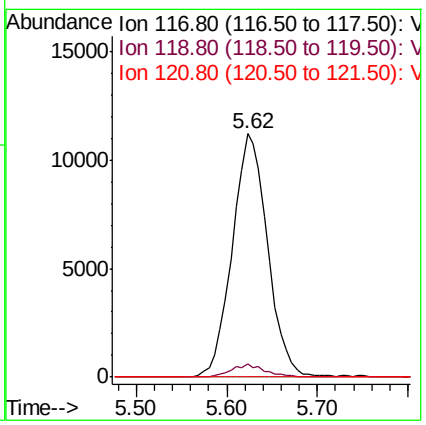


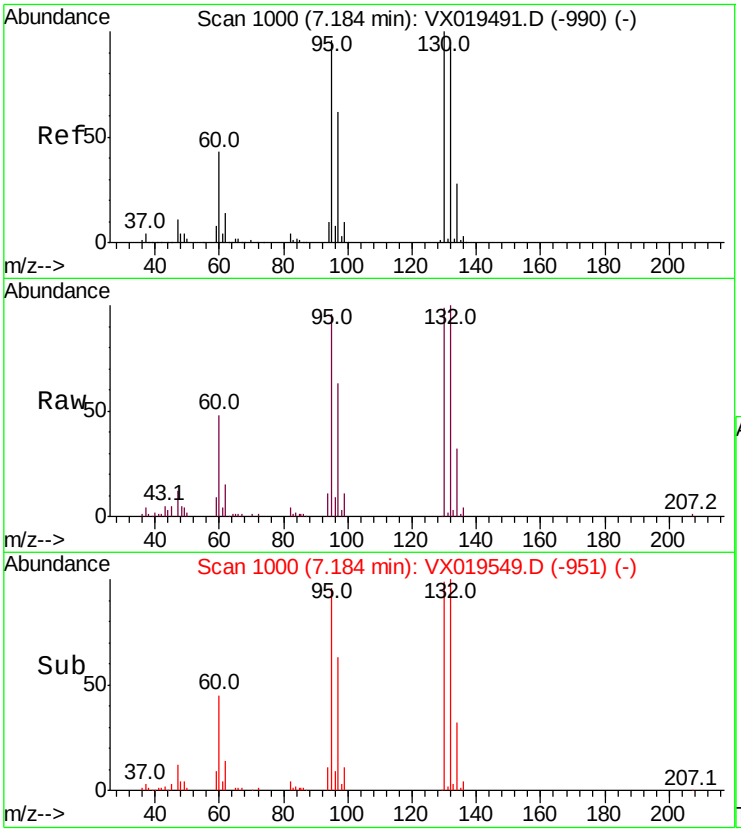


#38
Carbon Tetrachloride
Concen: 6.651 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.13 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion:117 Resp: 30202

Ion	Ratio	Lower	Upper
117	100		
119	5.5	75.9	113.9#
121	0.0	24.0	36.0#



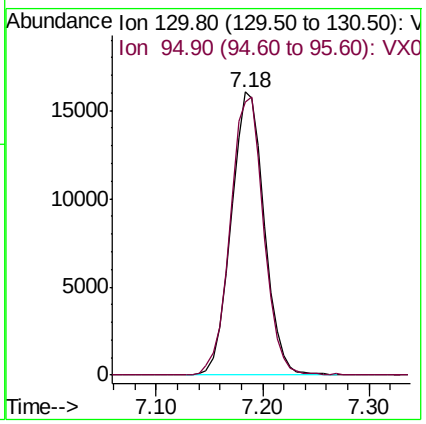


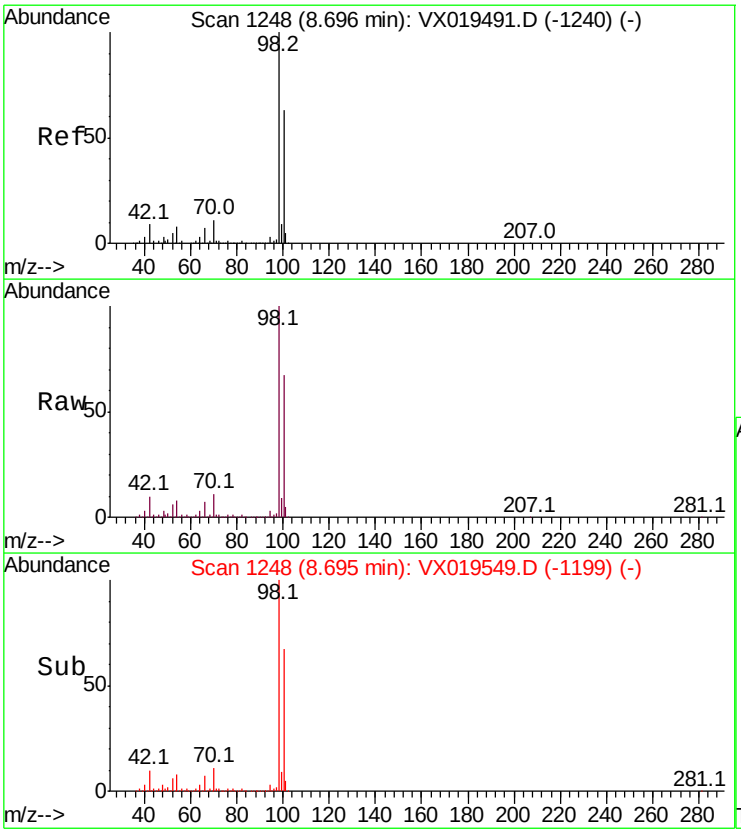
#44
Trichloroethene
Concen: 9.268 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument : MSVOA_X
ClientSampleId : 22BR-20201118

Tgt Ion:130 Resp: 34993

Ion	Ratio	Lower	Upper
130	100		
95	96.7	0.0	191.2

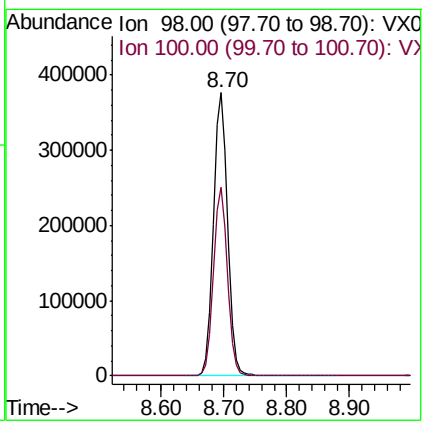


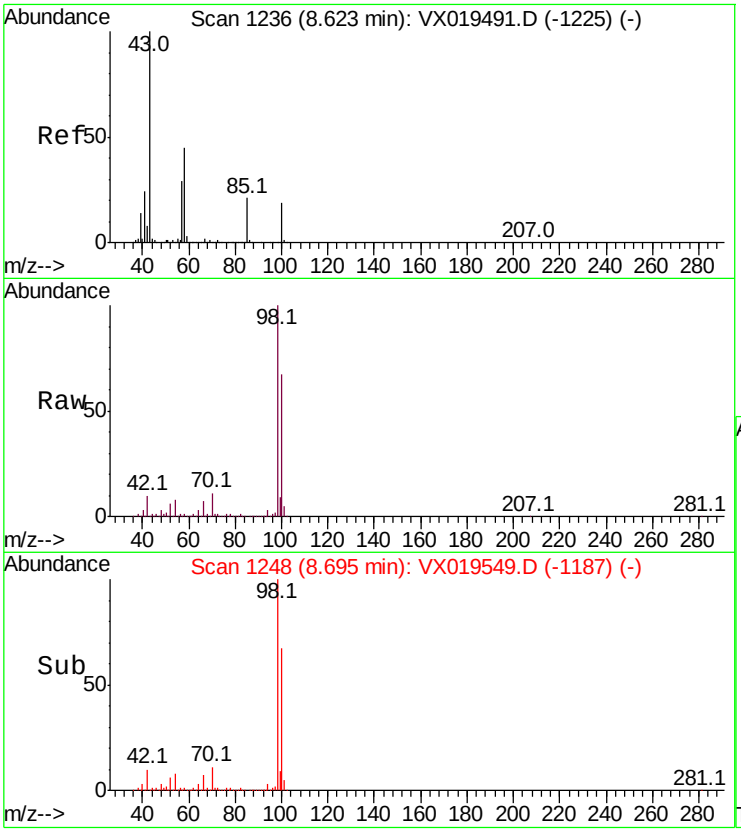


#50
Toluene-d8
Concen: 48.058 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion: 98 Resp: 586573

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6



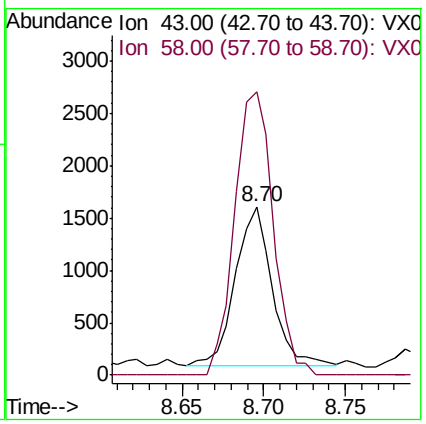


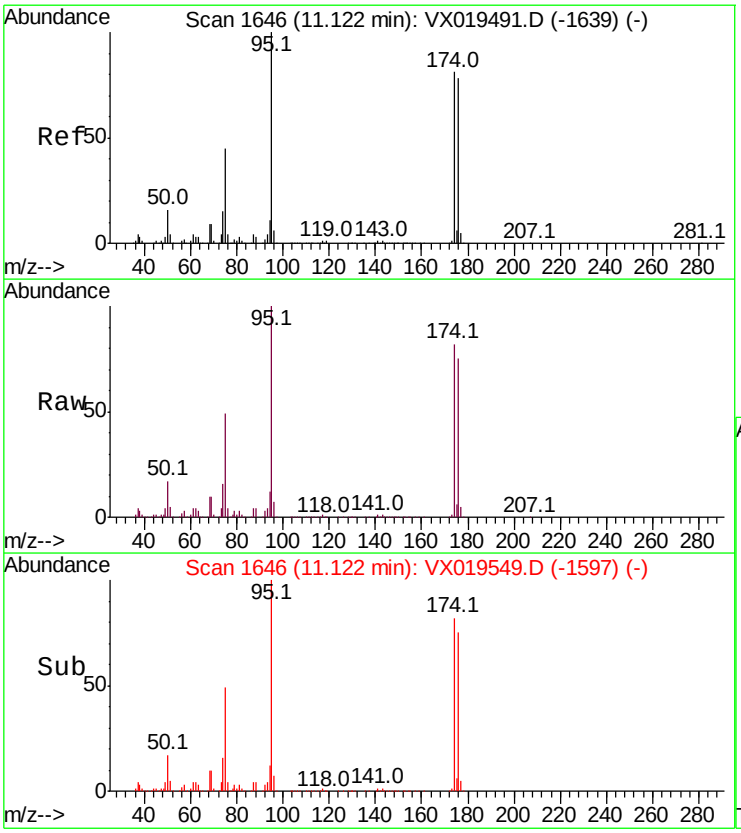
#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.07 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :
22BR-20201118

Tgt Ion: 43 Resp: 2399

Ion	Ratio	Lower	Upper
43	100		
58	186.0	35.1	52.7#

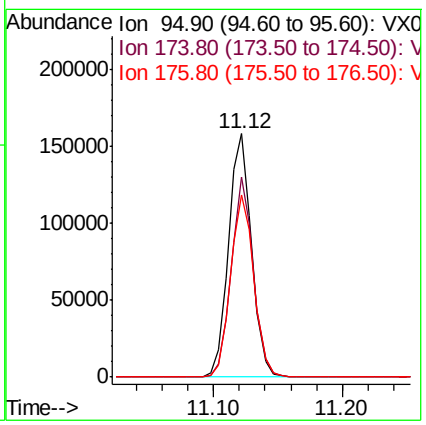


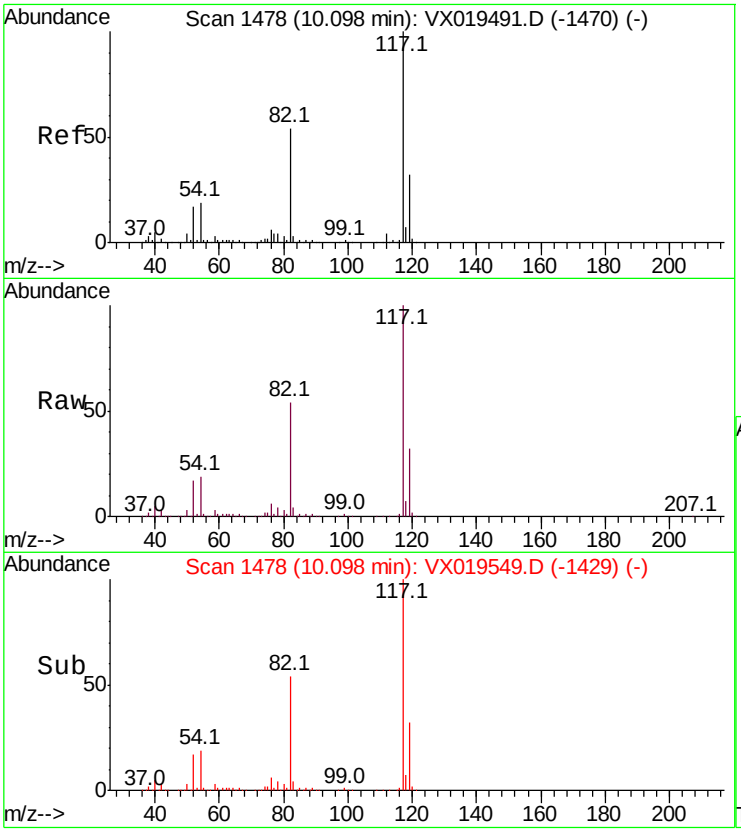


#62
4-Bromofluorobenzene
Concen: 44.965 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion: 95 Resp: 197458

Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	156.2
176	75.6	0.0	151.4



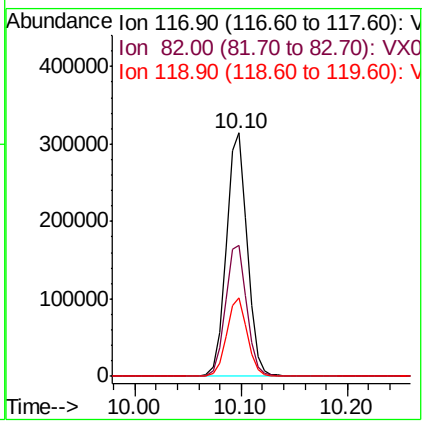


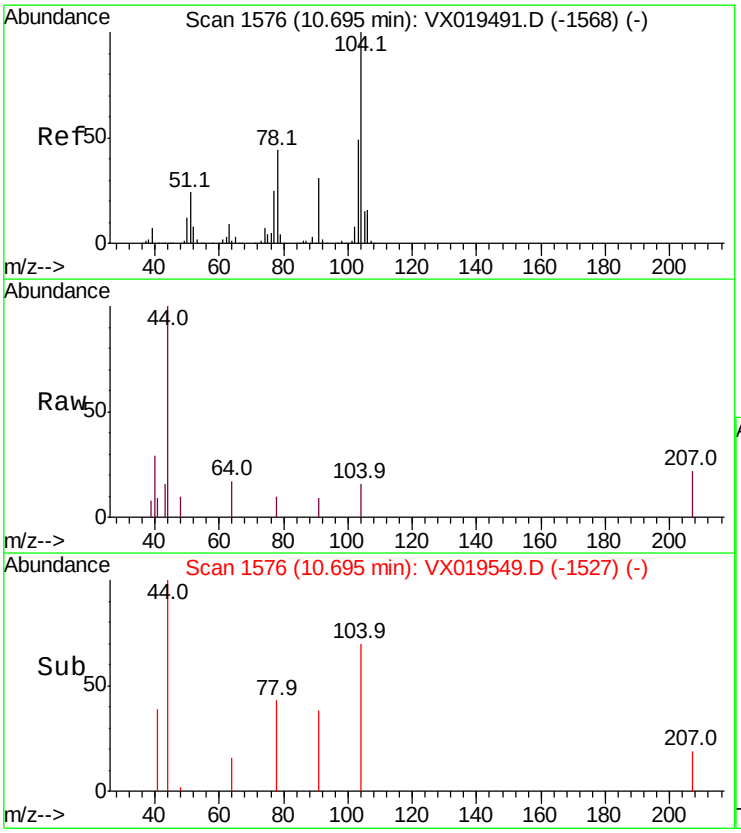
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :
22BR-20201118

Tgt Ion:117 Resp: 431080

Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.4
119	32.4	25.6	38.4

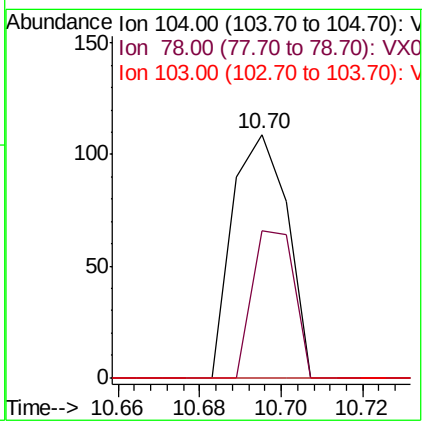


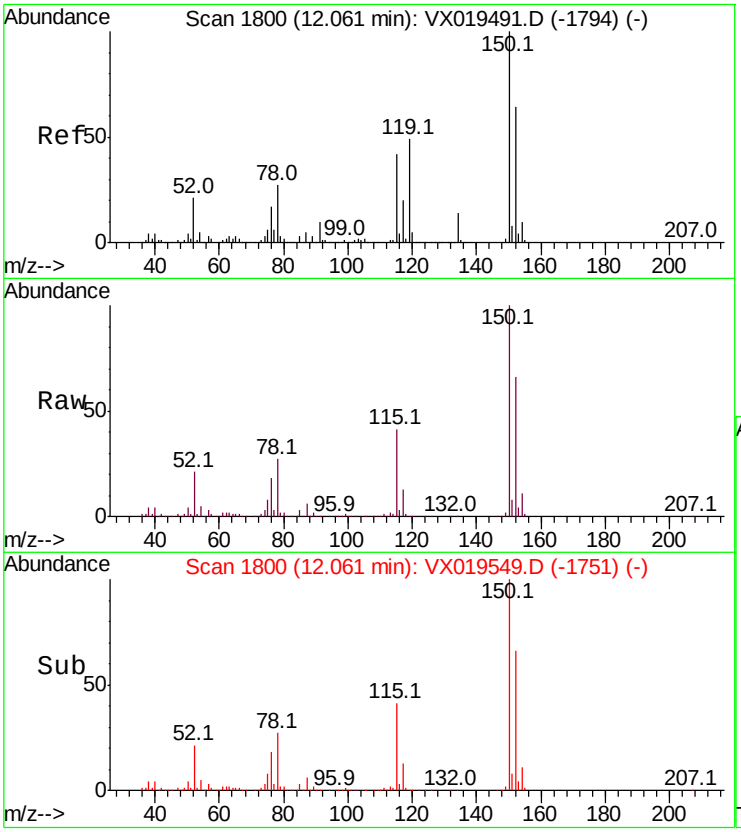


#70
Styrene
Concen: 1.655 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion:104 Resp: 102

Ion	Ratio	Lower	Upper
104	100		
78	47.1	39.5	59.3
103	0.0	43.6	65.4#



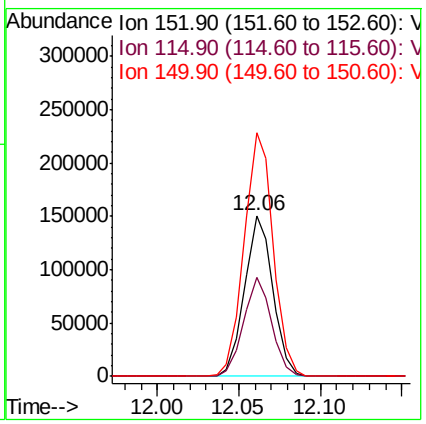


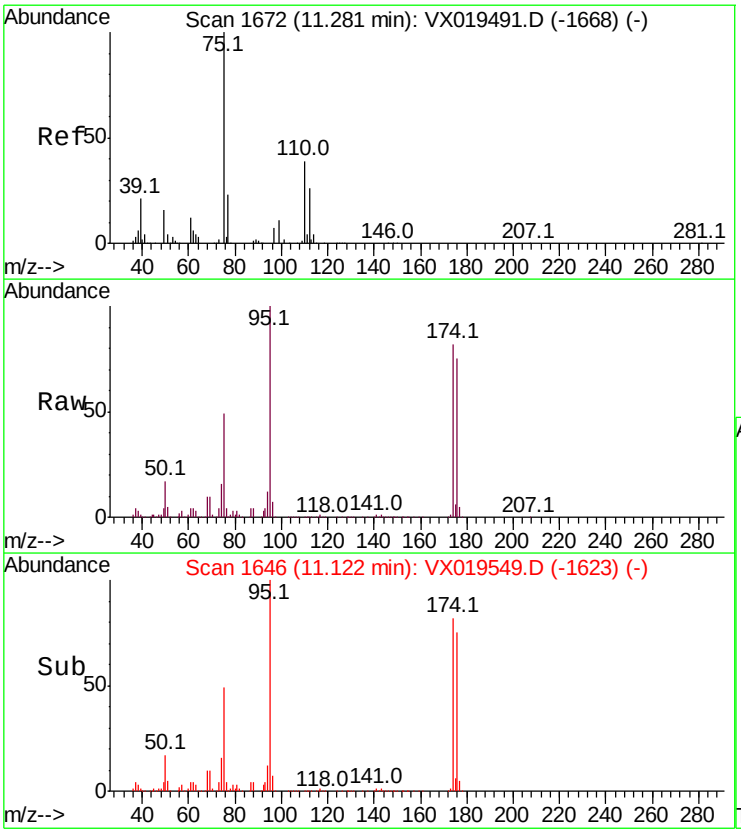
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument :
MSVOA_X
ClientSampleId :
22BR-20201118

Tgt Ion:152 Resp: 182704

Ion	Ratio	Lower	Upper
152	100		
115	60.5	41.8	125.4
150	155.1	0.0	348.2

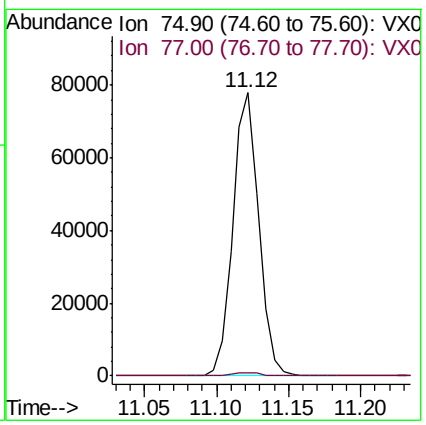


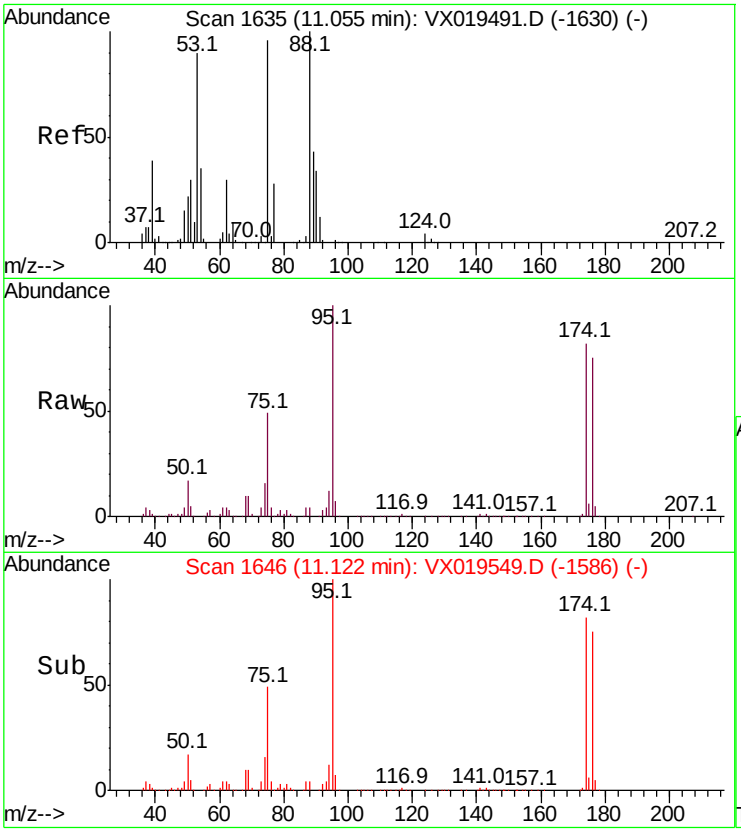


#76
1,2,3-Trichloropropane
Concen: 24.437 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion: 75 Resp: 97436

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	60.0#



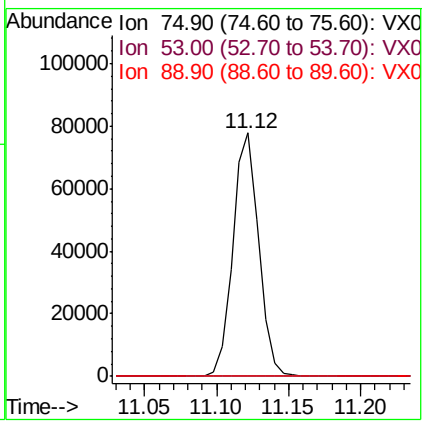


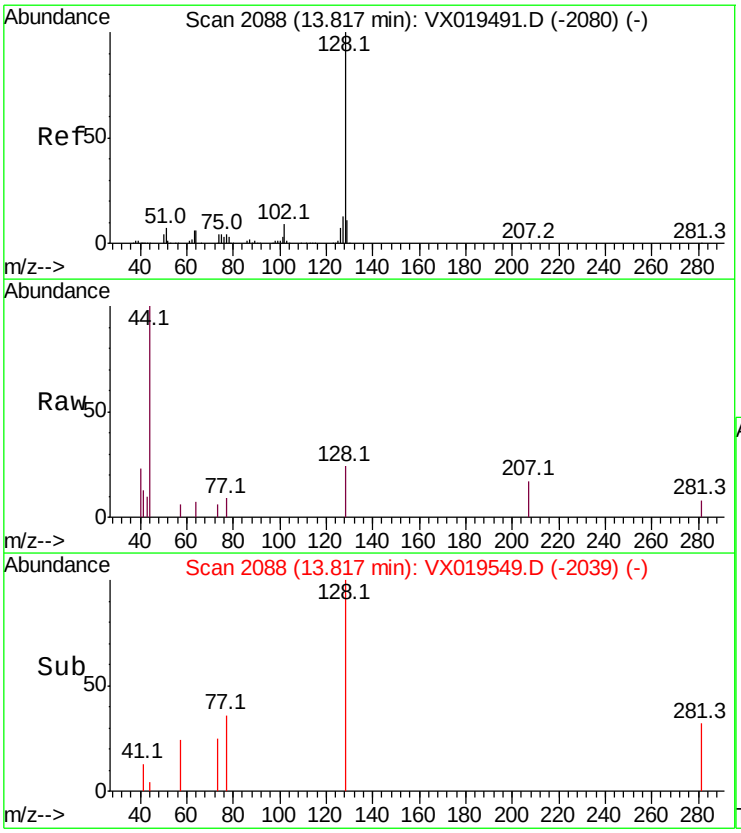
#81
trans-1,4-Dichloro-2-butene
Concen: 64.648 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Instrument : MSVOA_X
ClientSampleId : 22BR-20201118

Tgt Ion: 75 Resp: 97436

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





#95
Naphthalene
Concen: 2.199 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019549.D
Acq: 23 Nov 2020 14:41

Tgt Ion:128 Resp: 299

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