Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112320\
Data File : VX019556.D
Acq On : 23 Nov 2020 17:26
Operator : JC/MD
Sample : L4798-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP01-20201118

Quant Time: Nov 24 00:33:20 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	315199	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	505176	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	432171	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184908	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	187492	45.88	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 91.76%				
35) Dibromofluoromethane	5.46	113	151460	47.76	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.52%				
50) Toluene-d8	8.70	98	589458	47.84	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.68%				
62) 4-Bromofluorobenzene	11.12	95	201899	45.54	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.08%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.18	85	51301	16.737	ug/l		99
3) Chloromethane	1.31	50	920	0.262	ug/l	#	79
4) Vinyl Chloride	1.39	62	539043	142.366	ug/l		99
5) Bromomethane	1.62	94	400	0.279	ug/l	#	75
9) 1,1,2-Trichlorotrifluoroet	2.36	101	48489	15.904	ug/l		98
11) Tert butyl alcohol	3.04	59	291	0.376	ug/l	#	73
12) 1,1-Dichloroethene	2.34	96	60929	19.471	ug/l		98
13) Acrolein	2.28	56	252	0.485	ug/l	#	15
16) Acetone	2.43	43	1452	0.919	ug/l		89
18) Methyl Acetate	2.77	43	199	0.685	ug/l		98
21) trans-1,2-Dichloroethene	3.14	96	75048	21.167	ug/l		98
24) 1,1-Dichloroethane	3.66	63	1692	0.273	ug/l	#	91
27) cis-1,2-Dichloroethene	4.56	96	9043779	2220.641	ug/l		88
29) Tetrahydrofuran	5.10	42	3029	2.000	ug/l		94
31) Cyclohexane	5.63	56	6162	1.159	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	22944	4.845	ug/l	#	50
38) Carbon Tetrachloride	5.63	117	29674	6.473	ug/l	#	16
39) Methylcyclohexane	7.20	83	128396	23.284	ug/l	#	1
44) Trichloroethene	7.20	130	10309700	2704.829	ug/l		97
49) 1,4-Dioxane	7.72	88	88	1.107	ug/l	#	78
60) Dibromochloromethane	9.32	129	1868	0.526	ug/l	#	10
64) Tetrachloroethene	9.32	164	2121	0.624	ug/l		96
70) Styrene	10.70	104	94	1.655	ug/l	#	40
76) 1,2,3-Trichloropropane	11.12	75	99210	24.585	ug/l	#	37
81) trans-1,4-Dichloro-2-buten	11.12	75	99210	65.015	ug/l	#	12
95) Naphthalene	13.82	128	216	2.193	ug/l	#	69

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

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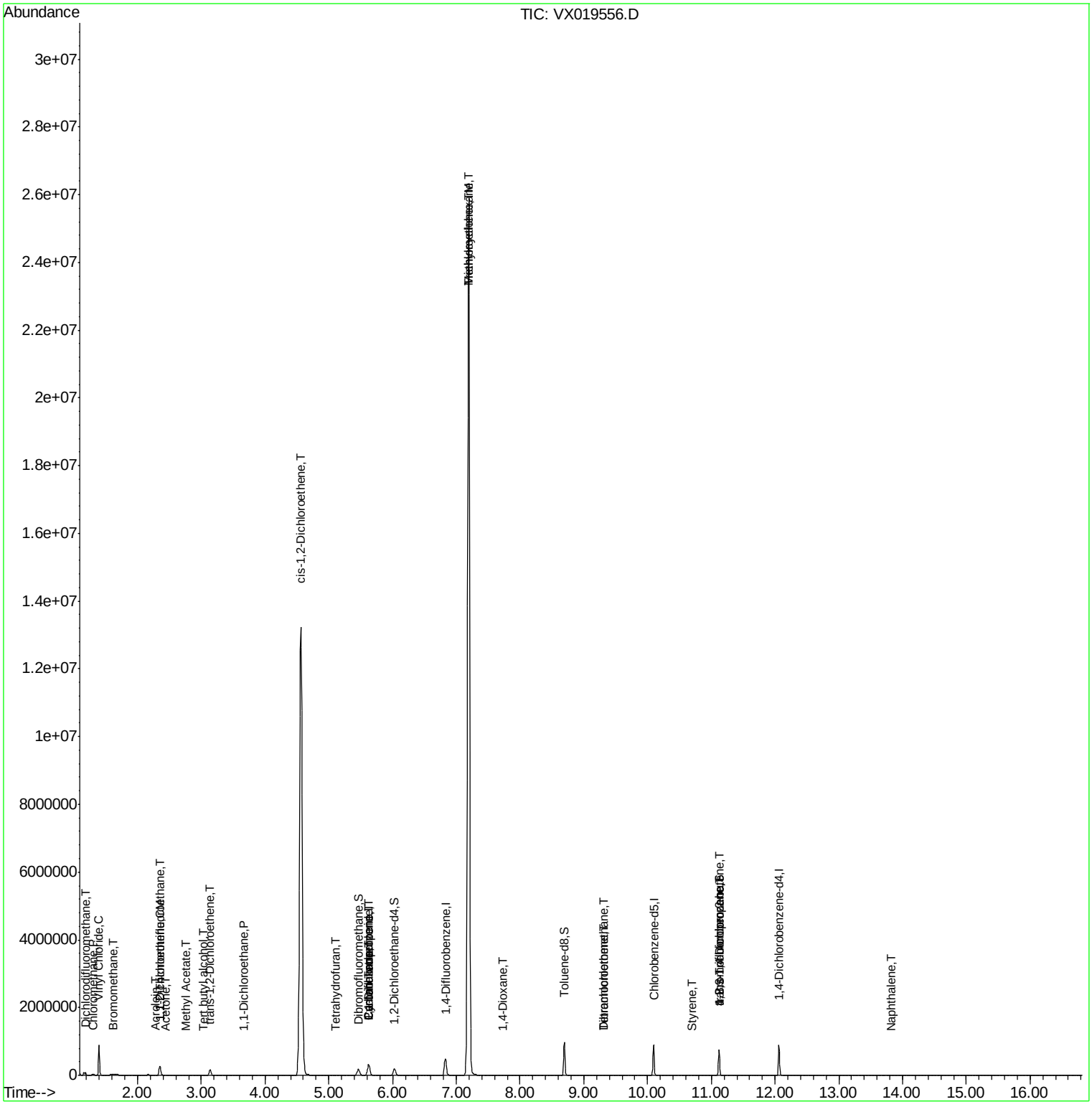
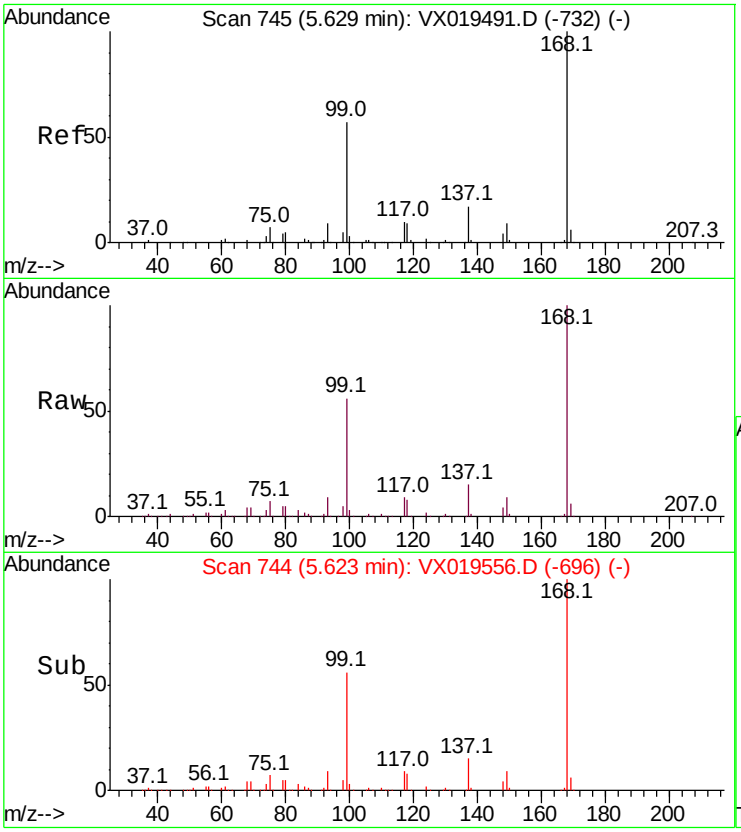
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Quant Time: Nov 24 00:33:20 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



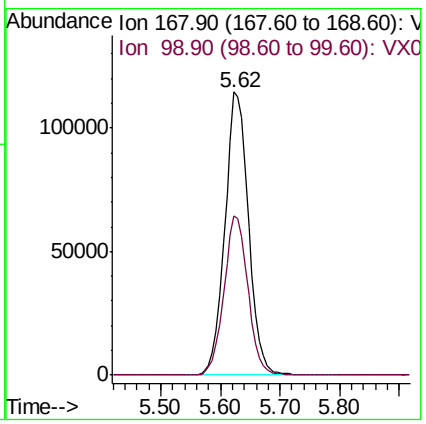


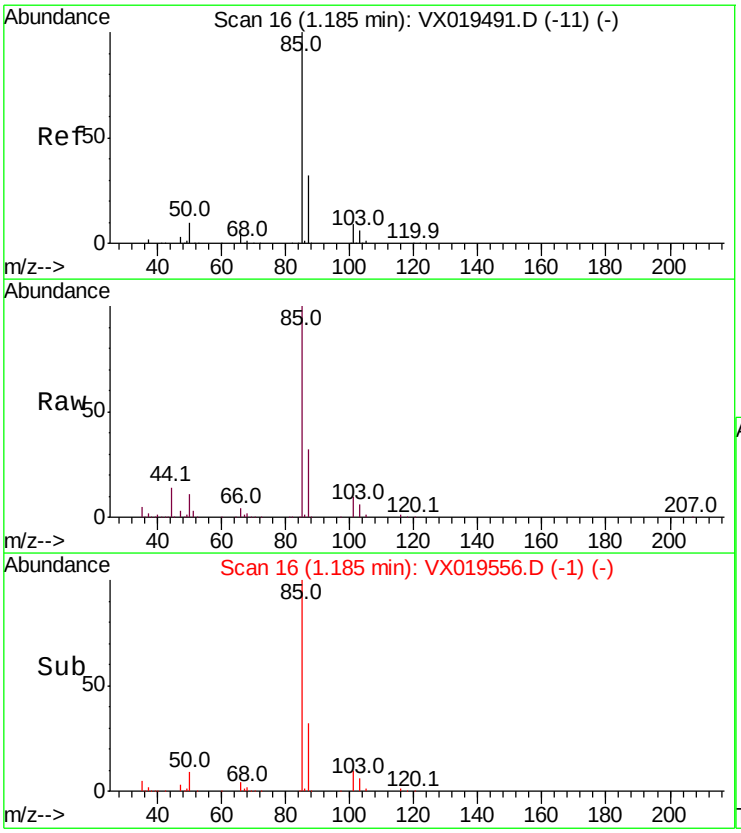
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.01 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tgt Ion:168 Resp: 315199

Ion	Ratio	Lower	Upper
168	100		
99	56.4	45.8	68.6

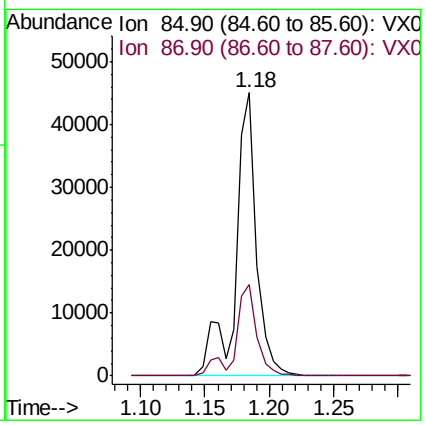


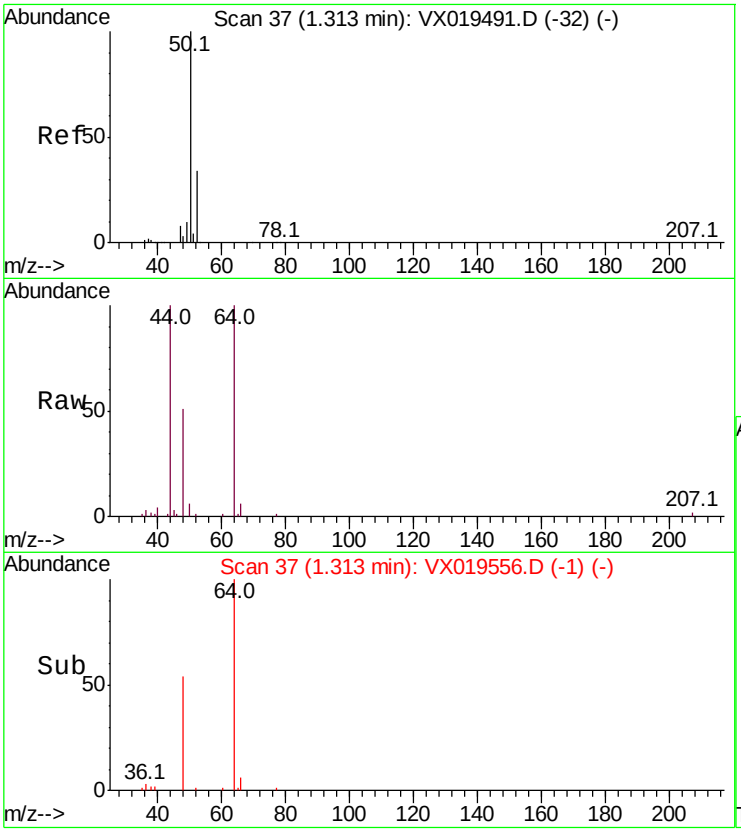


#2
Dichlorodifluoromethane
Concen: 16.737 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion: 85 Resp: 51301

Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.0	47.9



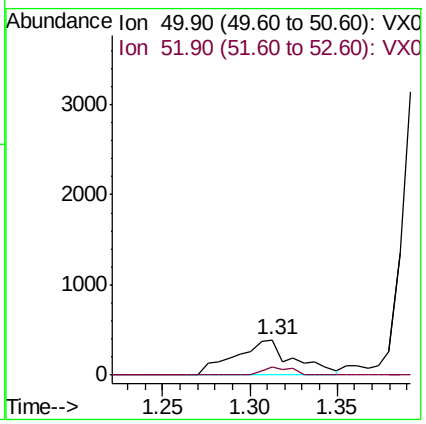


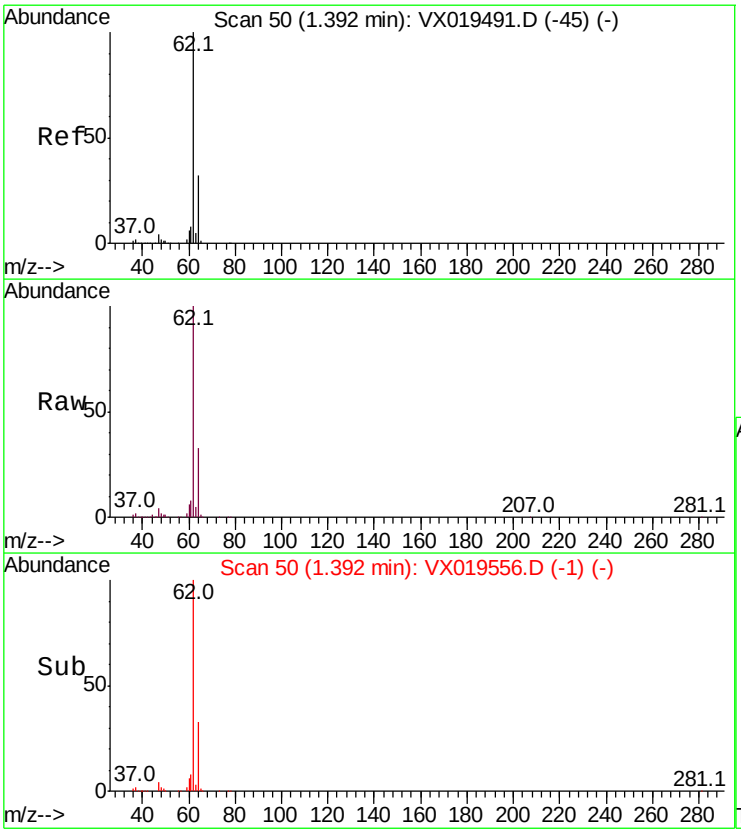
#3
Chloromethane
Concen: 0.262 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument : MSVOA_X
ClientSampleId : DUP01-20201118

Tgt Ion: 50 Resp: 920

Ion	Ratio	Lower	Upper
50	100		
52	21.8	27.0	40.6#

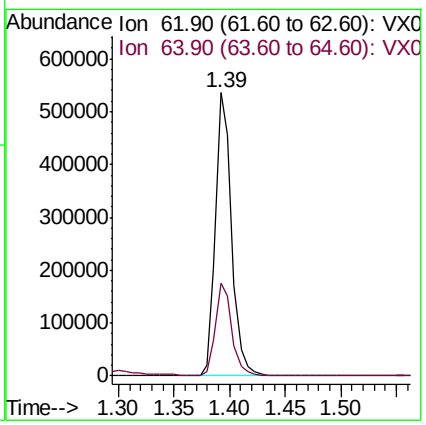


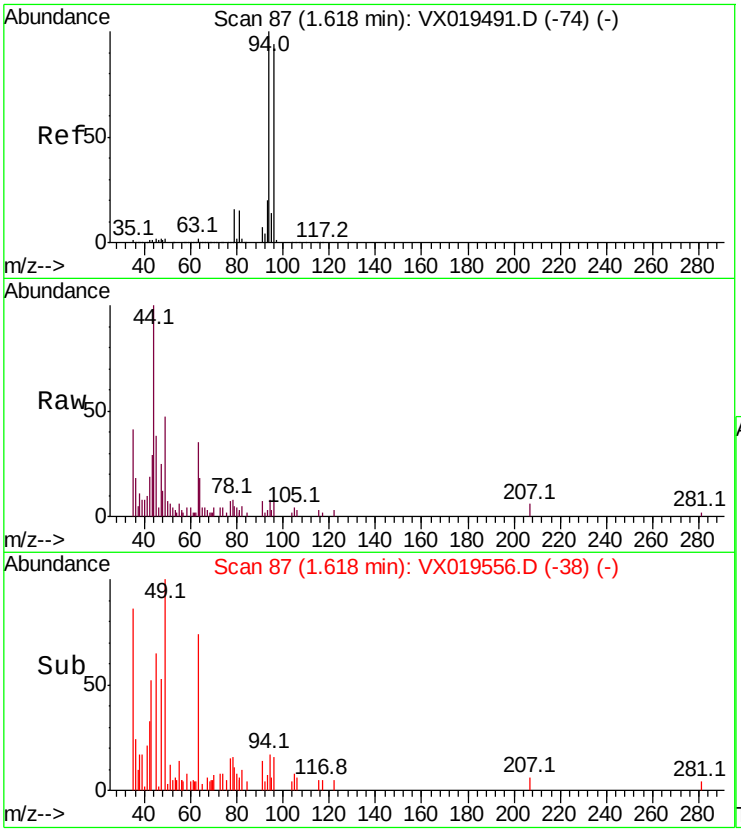


#4
Vinyl Chloride
Concen: 142.366 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion: 62 Resp: 539043

Ion	Ratio	Lower	Upper
62	100		
64	32.5	25.4	38.2



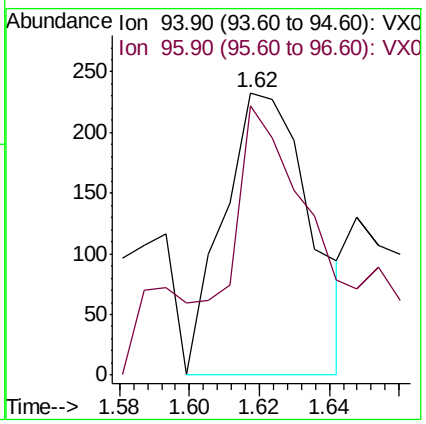


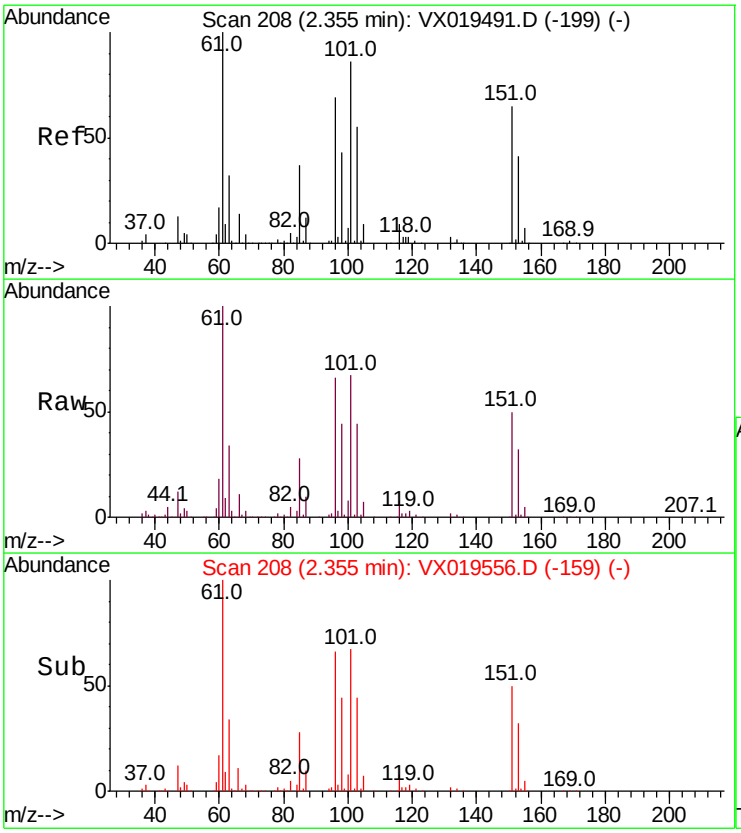
#5
Bromomethane
Concen: 0.279 ug/l
RT: 1.62 min Scan# 87
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tgt Ion: 94 Resp: 400

Ion	Ratio	Lower	Upper
94	100		
96	70.0	75.6	113.4#

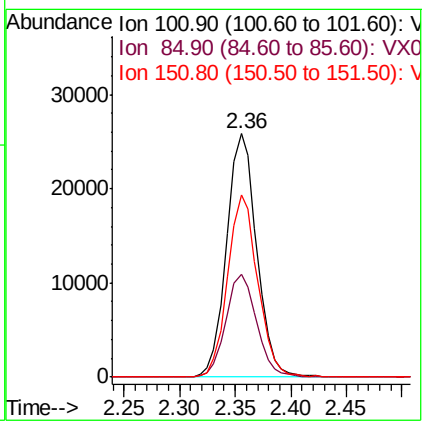


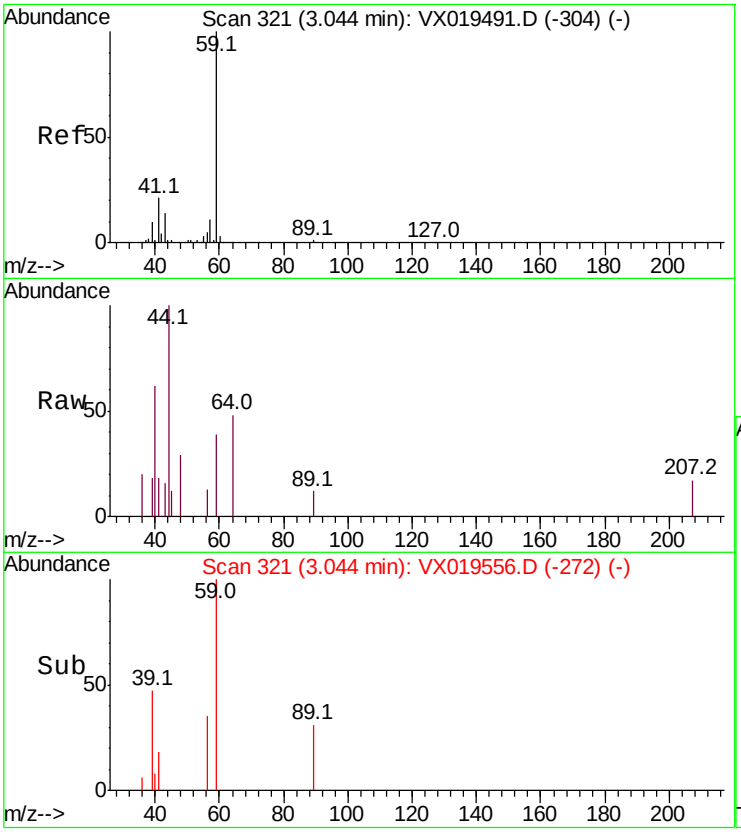


#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.904 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion:101 Resp: 48489

Ion	Ratio	Lower	Upper
101	100		
85	43.1	33.9	50.9
151	74.6	60.9	91.3



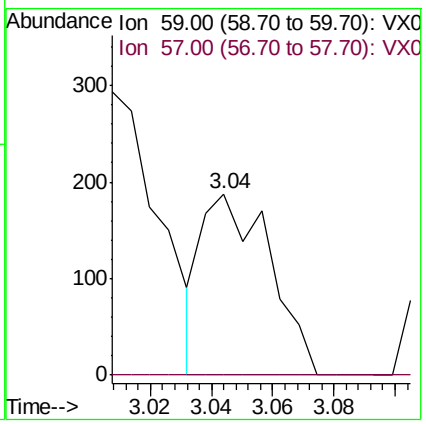


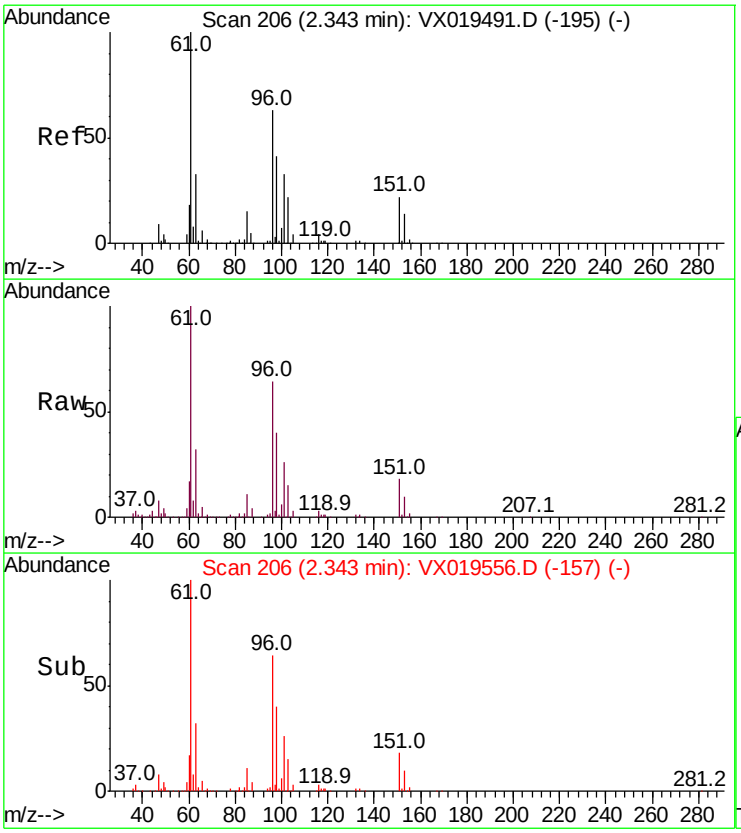
#11
Tert butyl alcohol
Concen: 0.376 ug/l
RT: 3.04 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tgt Ion: 59 Resp: 291

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#

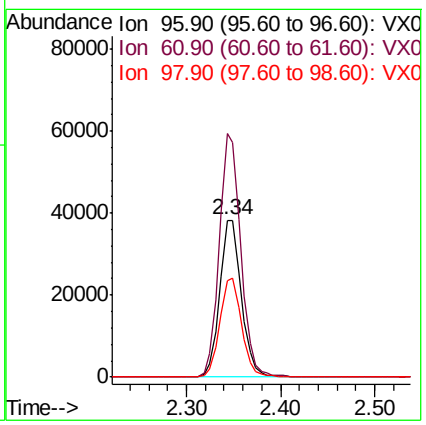


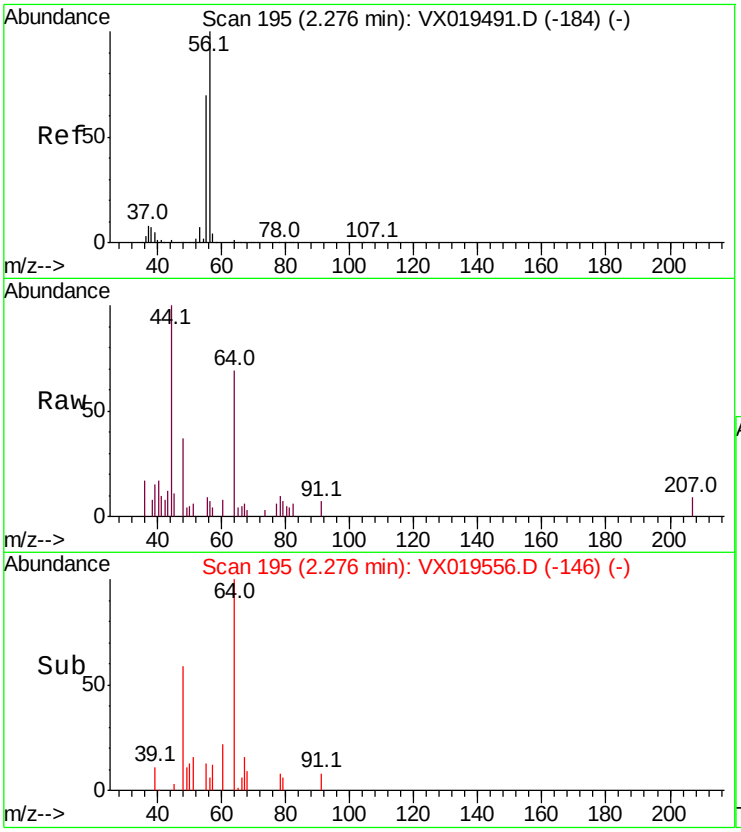


#12
1,1-Dichloroethene
Concen: 19.471 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion: 96 Resp: 60929

Ion	Ratio	Lower	Upper
96	100		
61	155.5	126.0	189.0
98	61.8	52.0	78.0



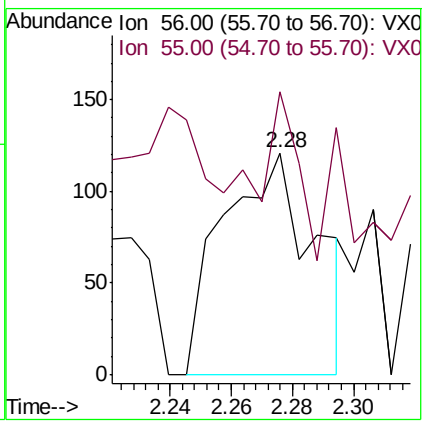


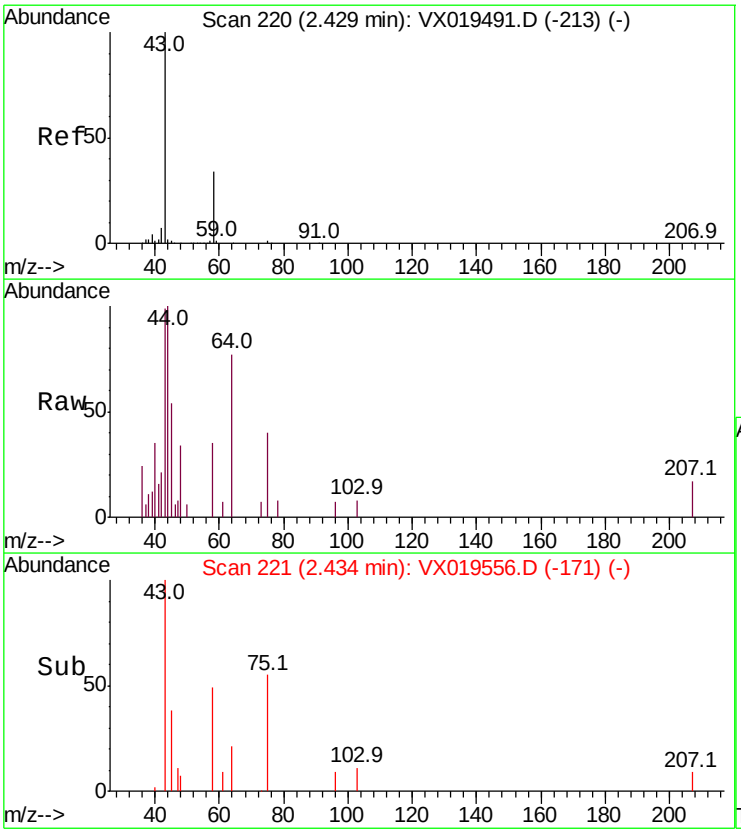
#13
Acrolein
Concen: 0.485 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument : MSVOA_X
ClientSampleId : DUP01-20201118

Tgt Ion: 56 Resp: 252

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.5	83.3#

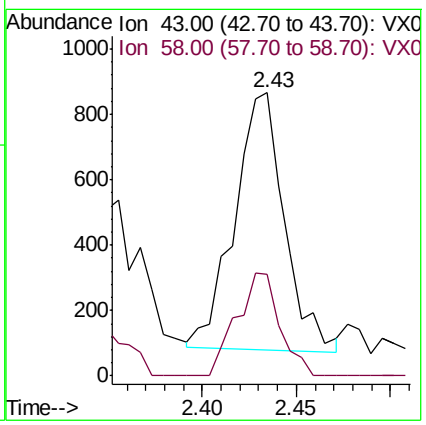


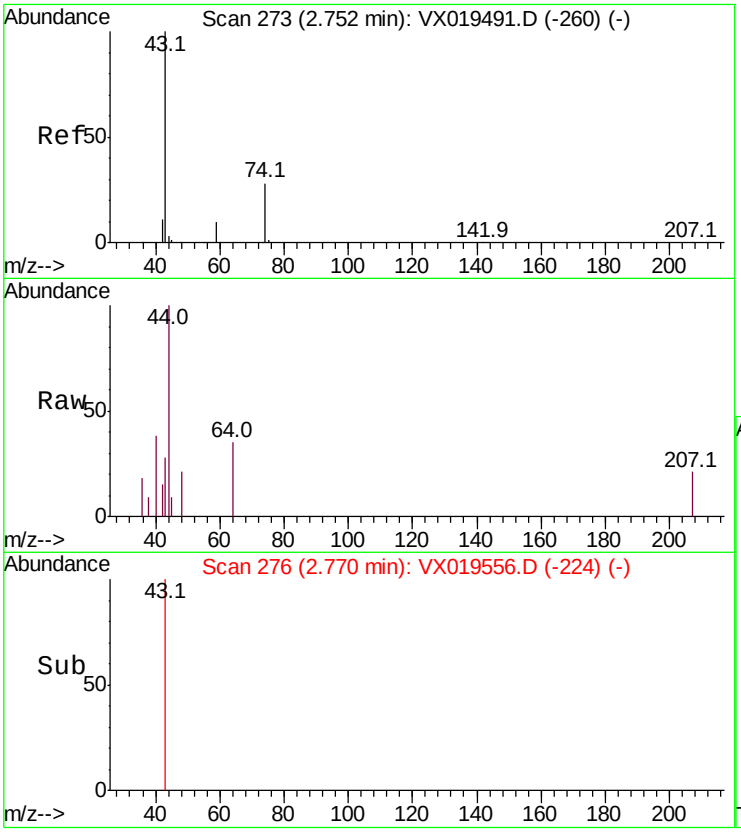


#16
Acetone
Concen: 0.919 ug/l
RT: 2.43 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion: 43 Resp: 1452

Ion	Ratio	Lower	Upper
43	100		
58	40.7	27.4	41.2



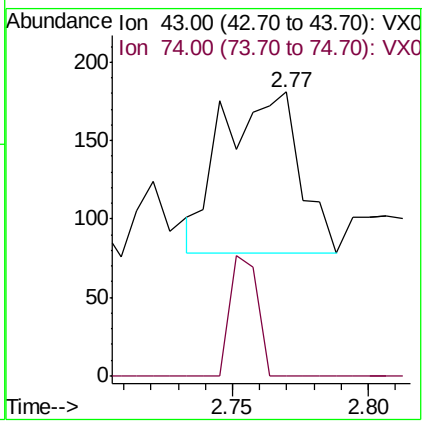


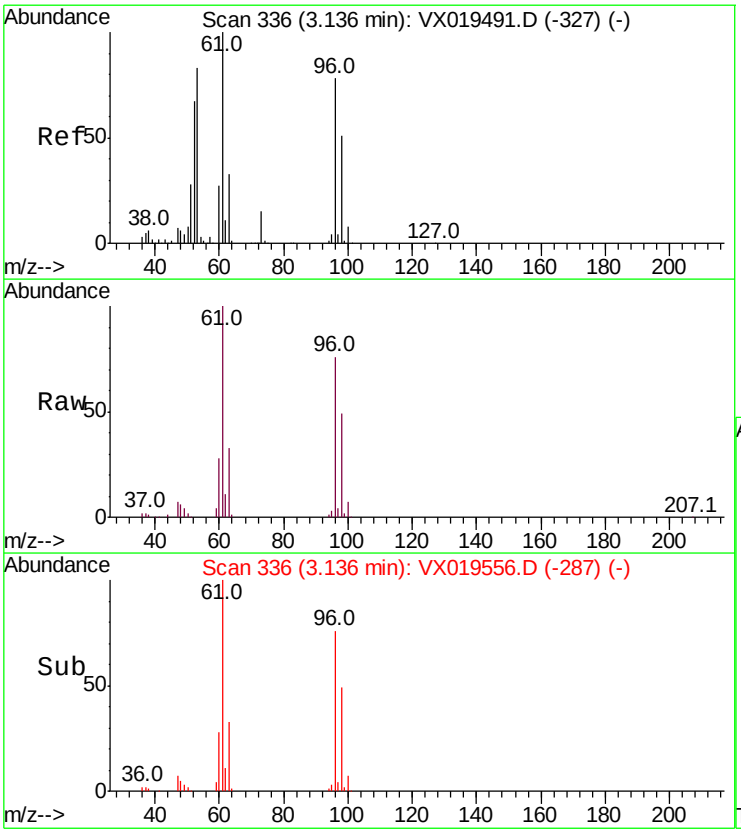
#18
Methyl Acetate
Concen: 0.685 ug/l
RT: 2.77 min Scan# 276
Delta R.T. 0.02 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tgt Ion: 43 Resp: 199

Ion	Ratio	Lower	Upper
43	100		
74	26.6	22.2	33.4

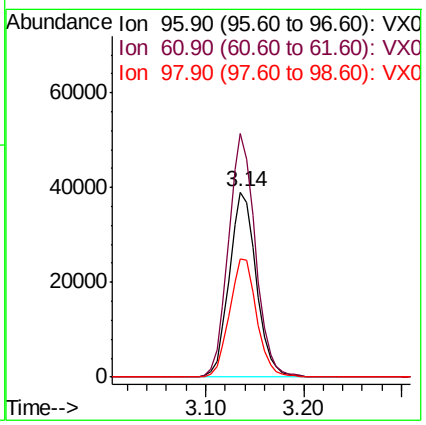


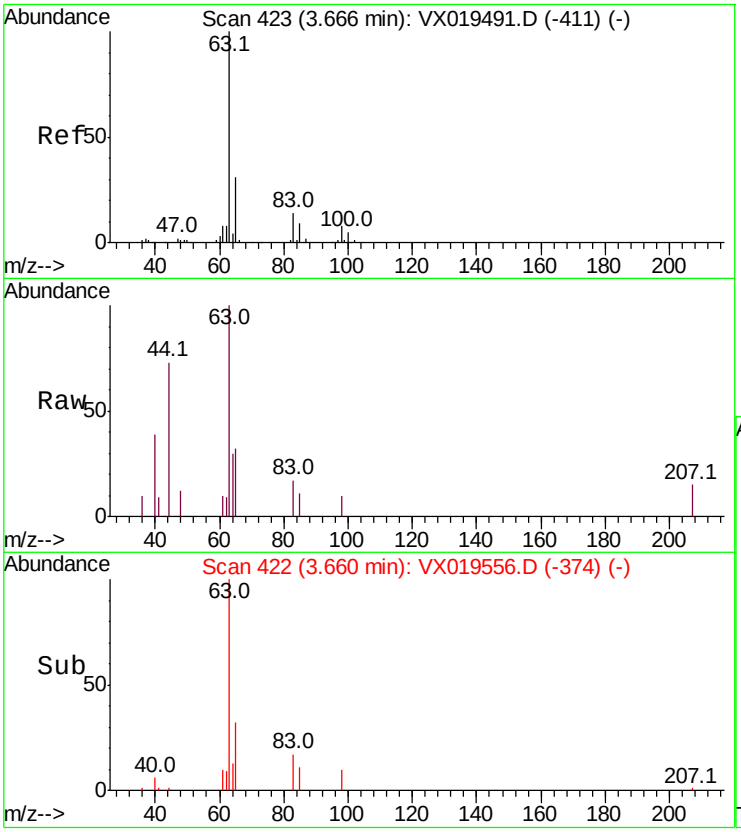


#21
trans-1,2-Dichloroethene
Concen: 21.167 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion: 96 Resp: 75048

Ion	Ratio	Lower	Upper
96	100		
61	131.6	102.9	154.3
98	63.9	52.1	78.1



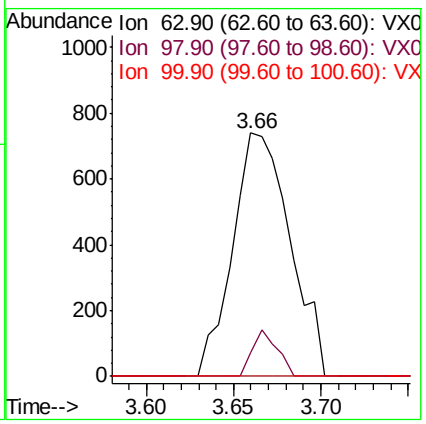


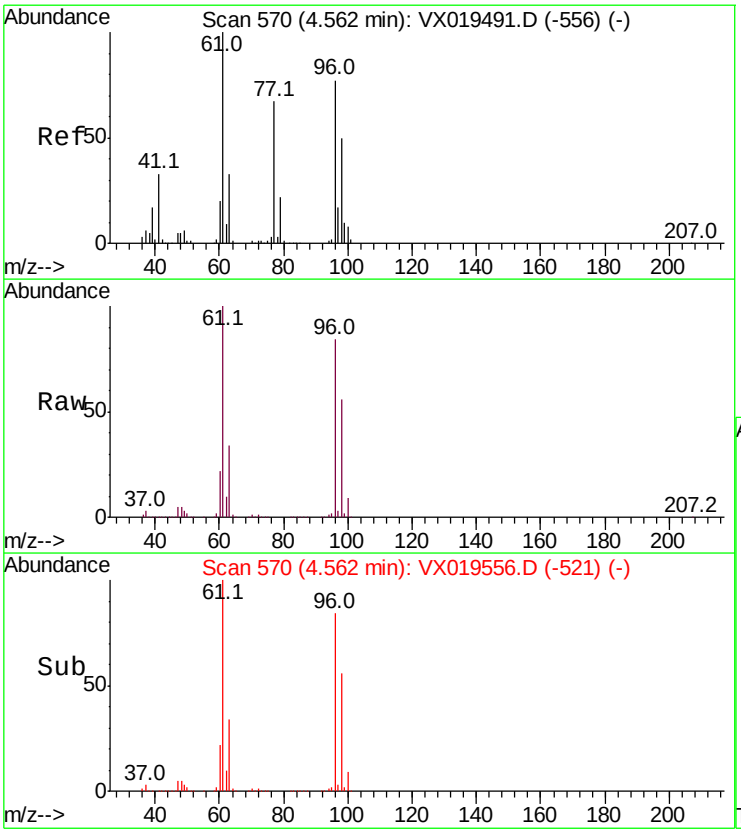
#24
1,1-Dichloroethane
Concen: 0.273 ug/l
RT: 3.66 min Scan# 422
Delta R.T. -0.01 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument : MSVOA_X
ClientSampleId : DUP01-20201118

Tgt Ion: 63 Resp: 1692

Ion	Ratio	Lower	Upper
63	100		
98	9.6	3.9	11.7
100	0.0	2.4	7.1#

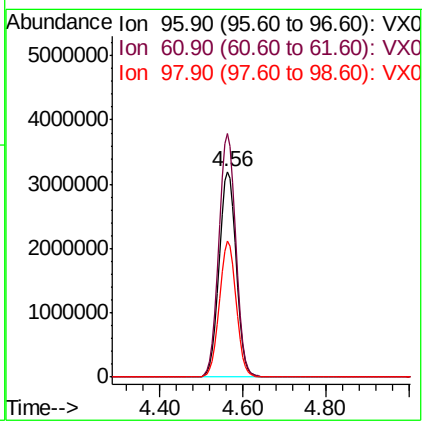


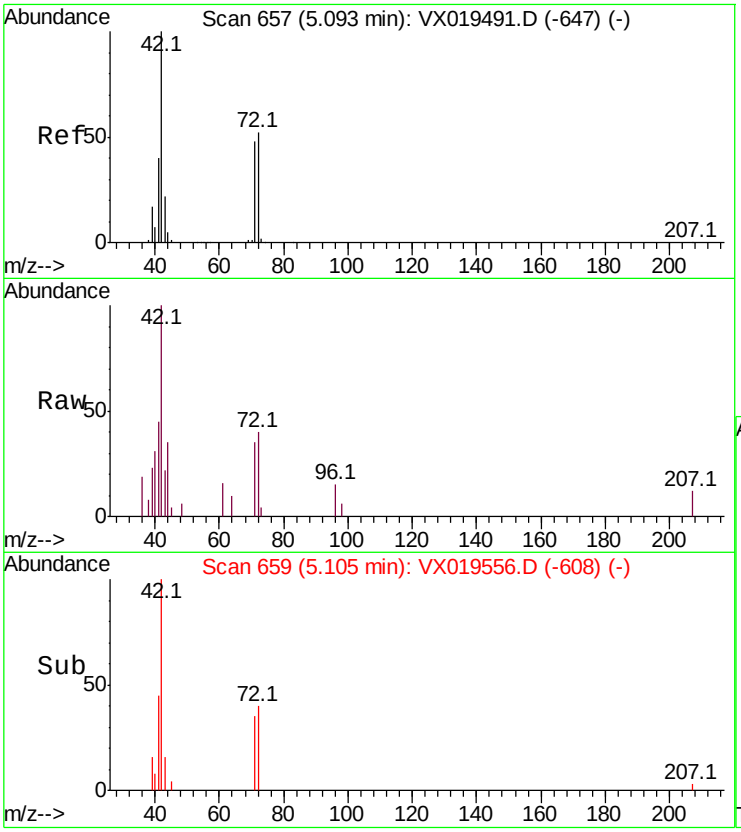


#27
cis-1,2-Dichloroethene
Concen: 2220.641 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion: 96 Resp: 9043779

Ion	Ratio	Lower	Upper
96	100		
61	118.0	0.0	279.2
98	65.1	0.0	129.8



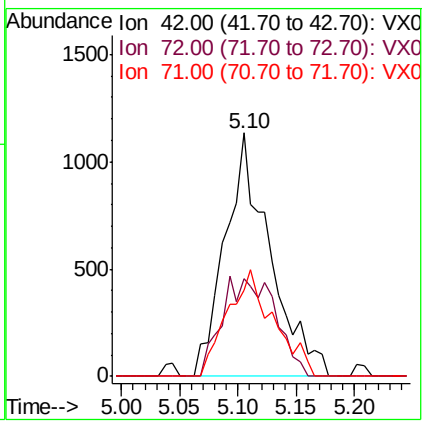


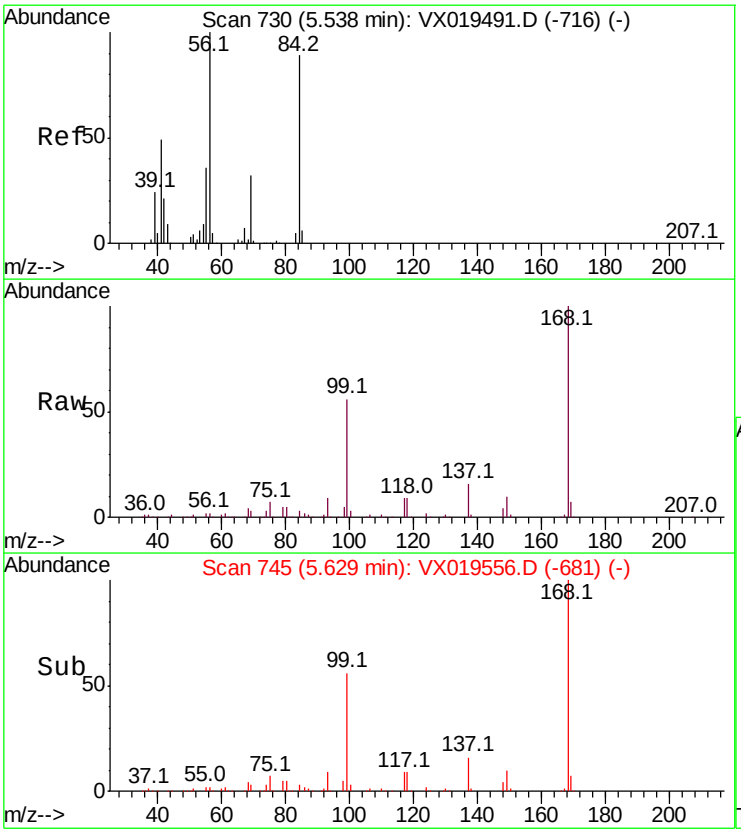
#29
Tetrahydrofuran
Concen: 2.000 ug/l
RT: 5.10 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument : MSVOA_X
ClientSampleId : DUP01-20201118

Tgt Ion: 42 Resp: 3029

Ion	Ratio	Lower	Upper
42	100		
72	48.7	42.6	63.8
71	45.3	39.0	58.6

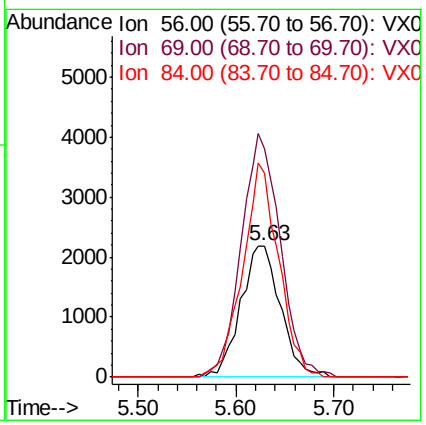


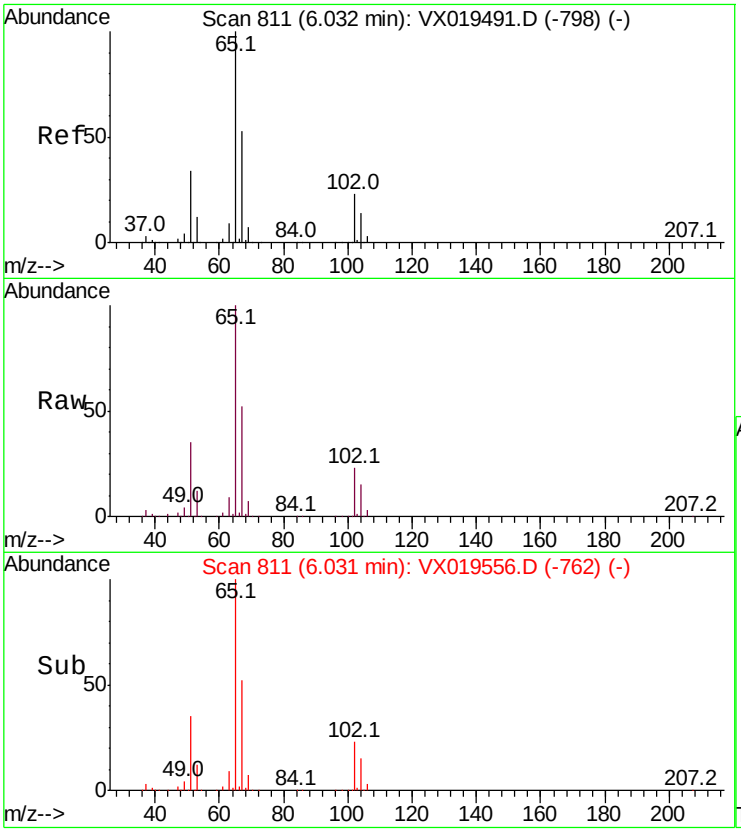


#31
Cyclohexane
Concen: 1.159 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion: 56 Resp: 6162

Ion	Ratio	Lower	Upper
56	100		
69	173.9	25.5	38.3#
84	155.2	71.1	106.7#



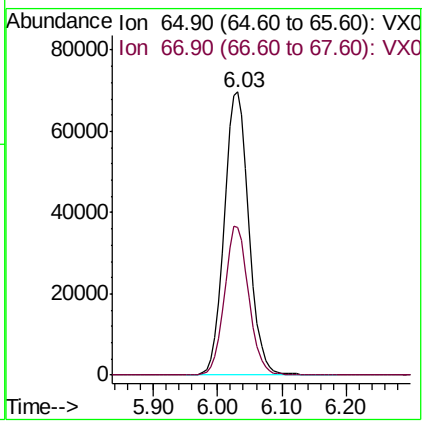


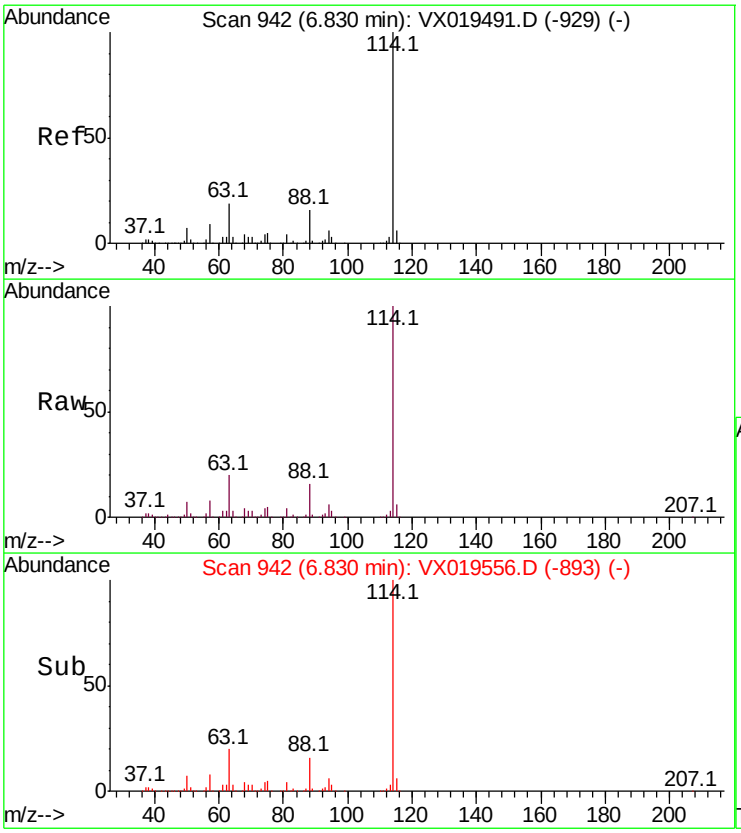
#33
1,2-Dichloroethane-d4
Concen: 45.877 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument : MSVOA_X
ClientSampleId : DUP01-20201118

Tgt Ion: 65 Resp: 187492

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.0

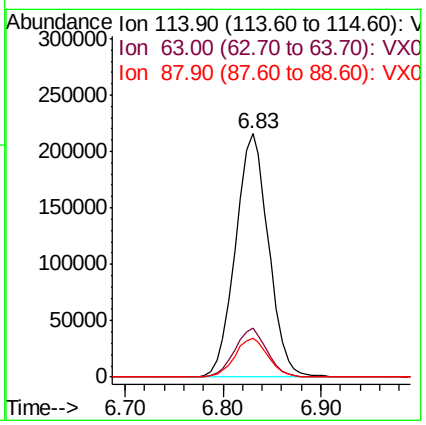


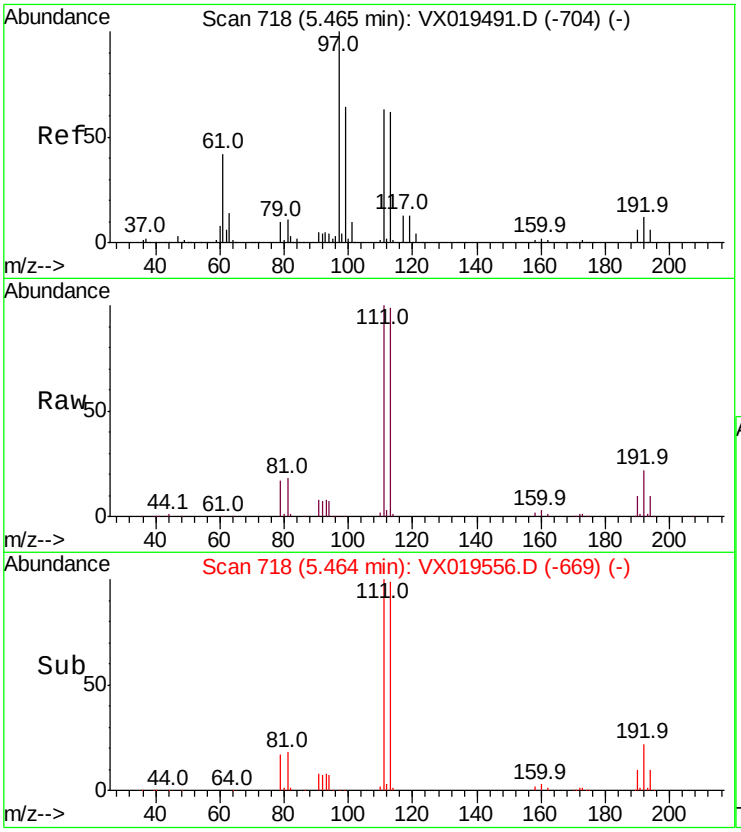


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion:114 Resp: 505176

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.8
88	16.2	0.0	31.6



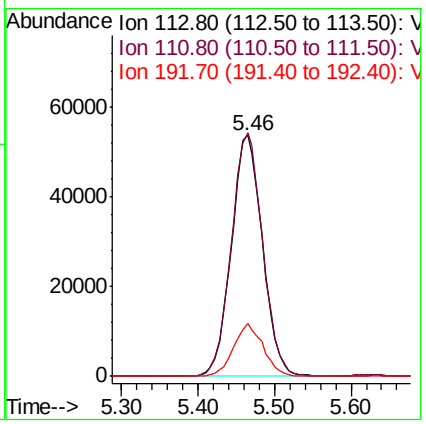


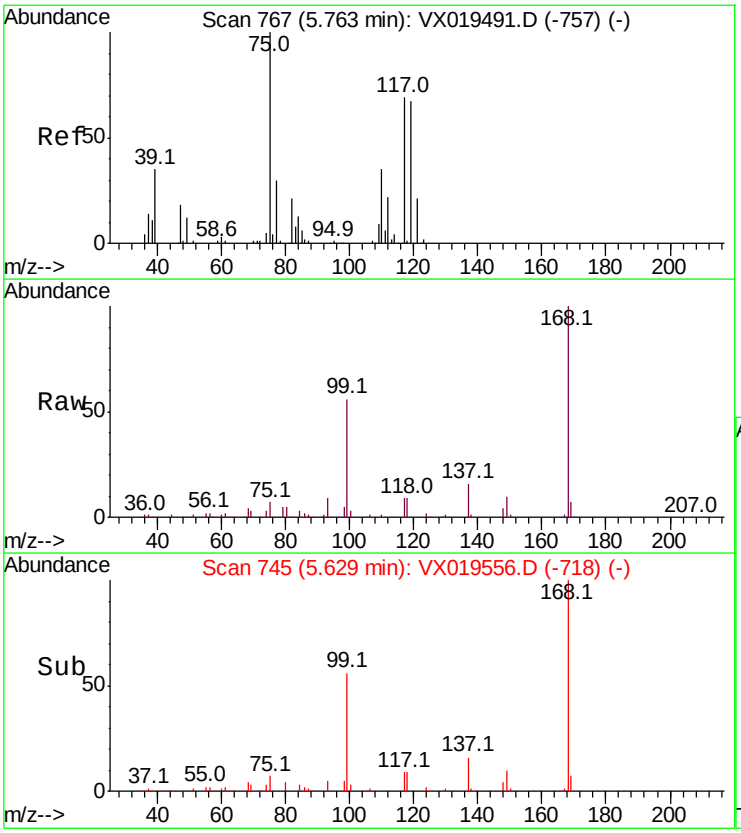
#35
Dibromofluoromethane
Concen: 47.764 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tgt Ion:113 Resp: 151460

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.5	122.3
192	20.7	16.2	24.2

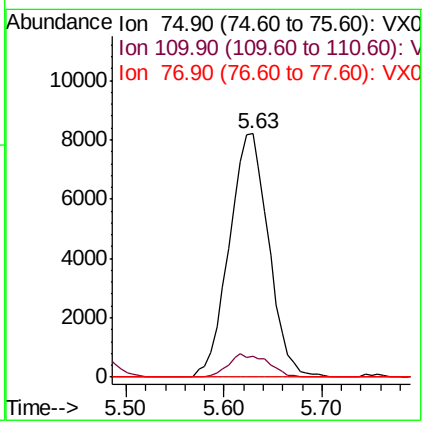


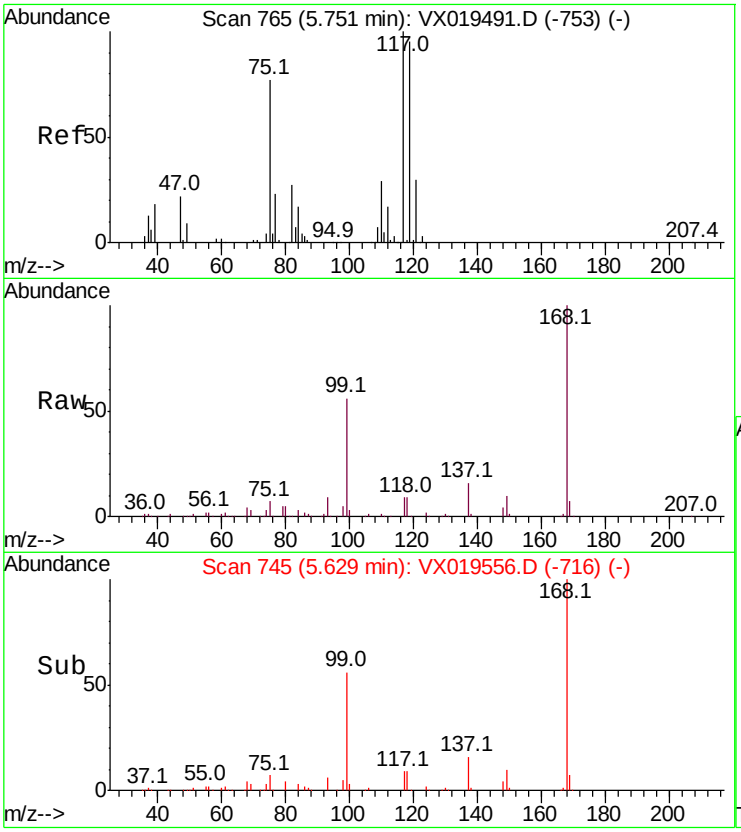


#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion: 75 Resp: 22944

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.3#
77	0.0	24.2	36.4#



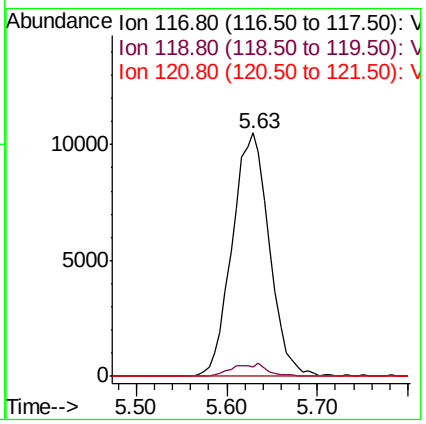


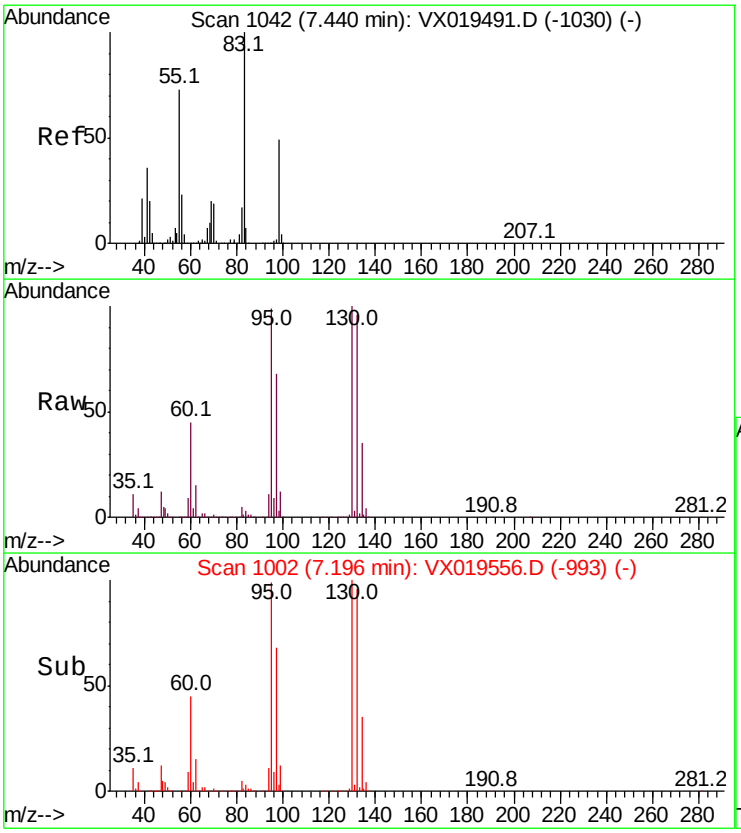
#38
Carbon Tetrachloride
Concen: 6.473 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tgt Ion:117 Resp: 29674

Ion	Ratio	Lower	Upper
117	100		
119	4.1	75.9	113.9#
121	0.0	24.0	36.0#

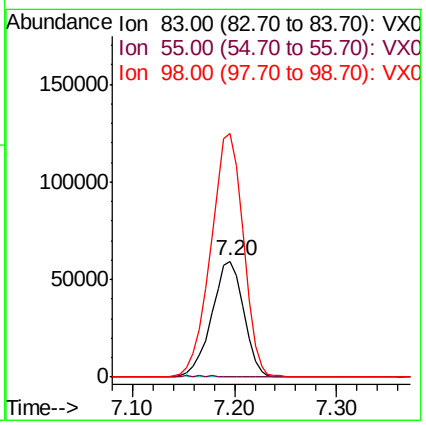


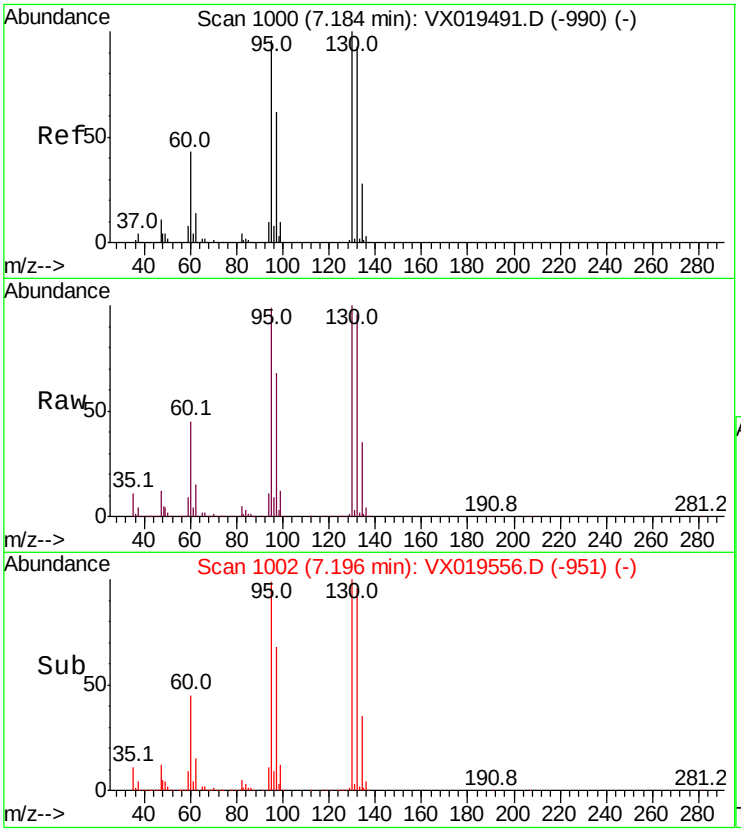


#39
Methylcyclohexane
Concen: 23.284 ug/l
RT: 7.20 min Scan# 1002
Delta R.T. -0.24 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion: 83 Resp: 128396

Ion	Ratio	Lower	Upper
83	100		
55	0.3	58.3	87.5#
98	210.3	38.9	58.3#



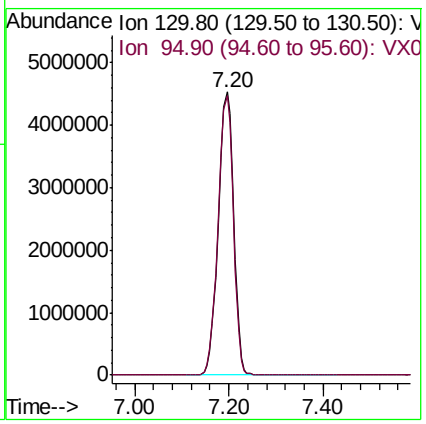


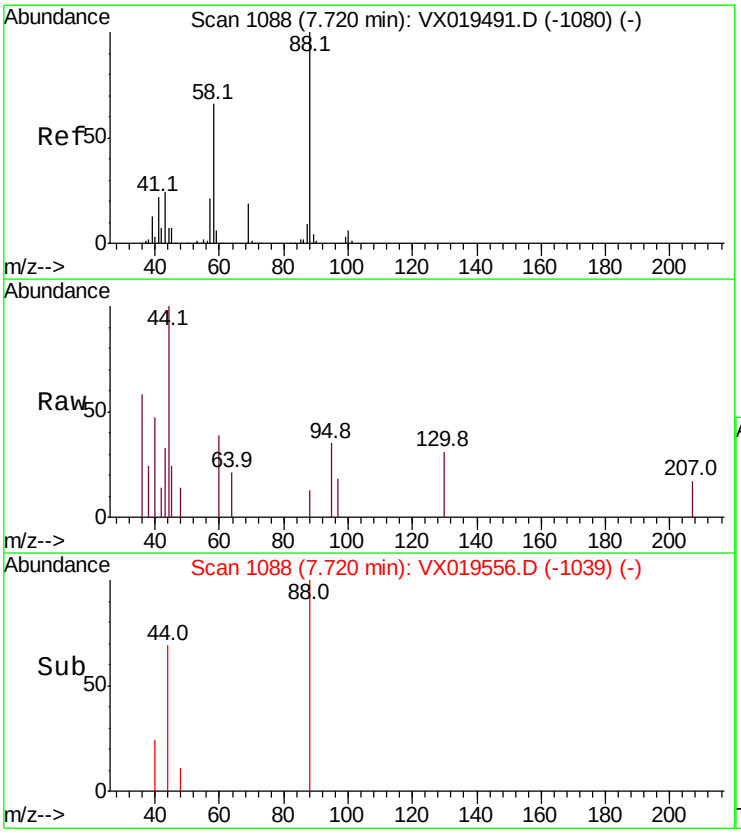
#44
Trichloroethene
Concen: 2704.829 ug/l
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tgt Ion:130 Resp:10309700

Ion	Ratio	Lower	Upper
130	100		
95	98.7	0.0	191.2

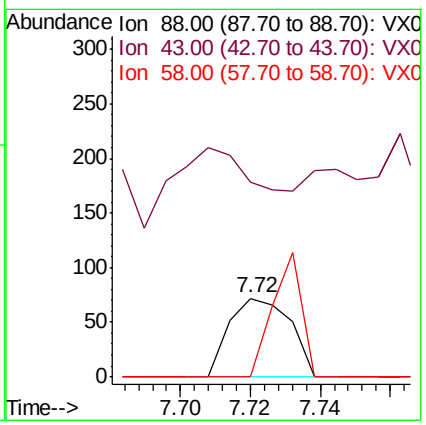


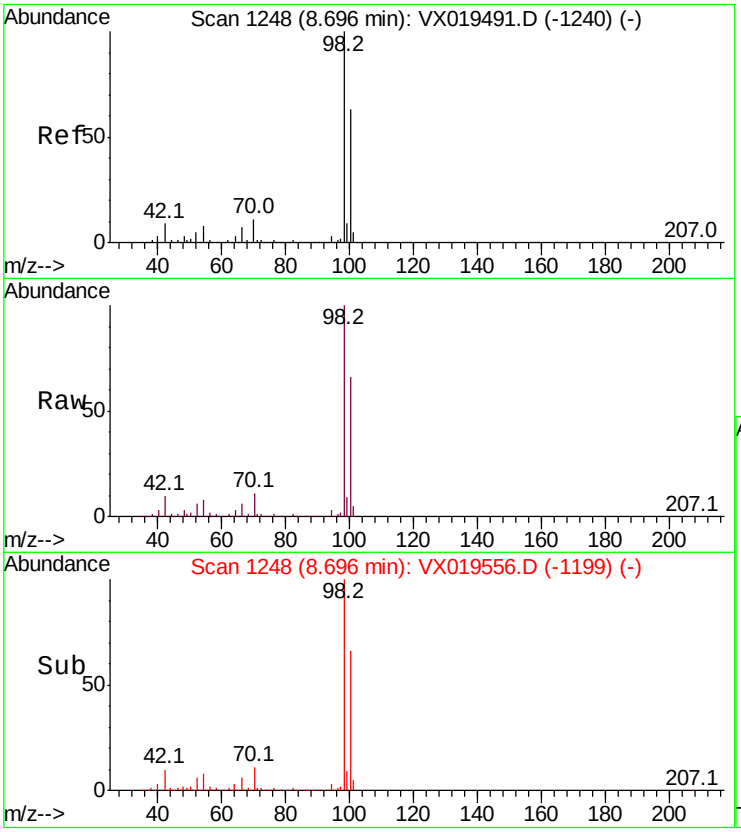


#49
1,4-Dioxane
Concen: 1.107 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion: 88 Resp: 88

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.6#
58	73.9	54.2	81.2



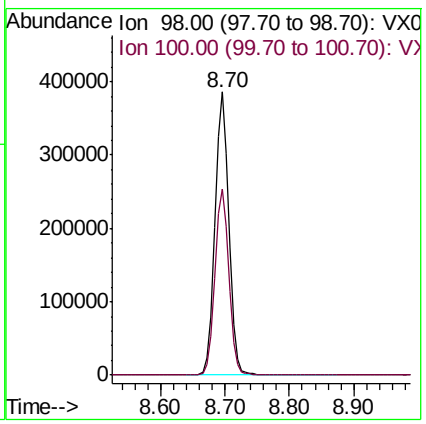


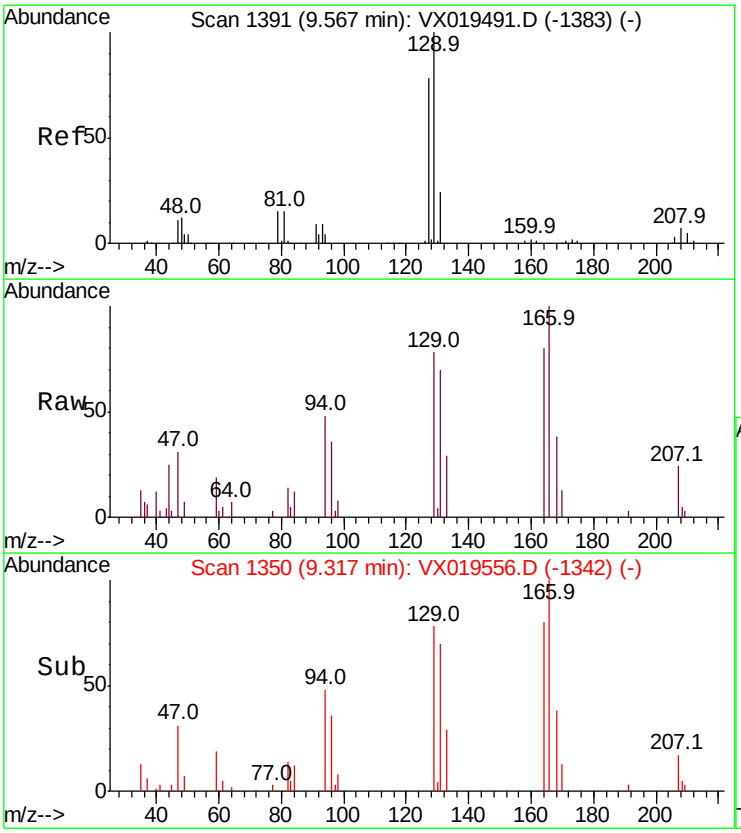
#50
Toluene-d8
Concen: 47.837 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument : MSVOA_X
ClientSampleId : DUP01-20201118

Tgt Ion: 98 Resp: 589458

Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.4	78.6

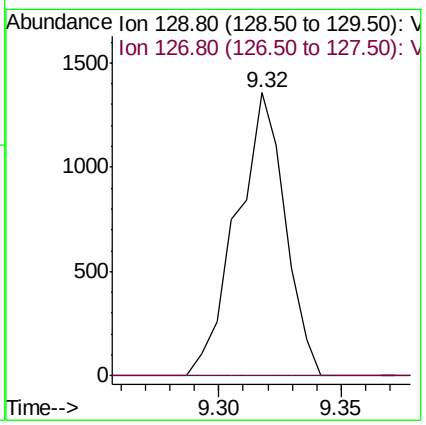


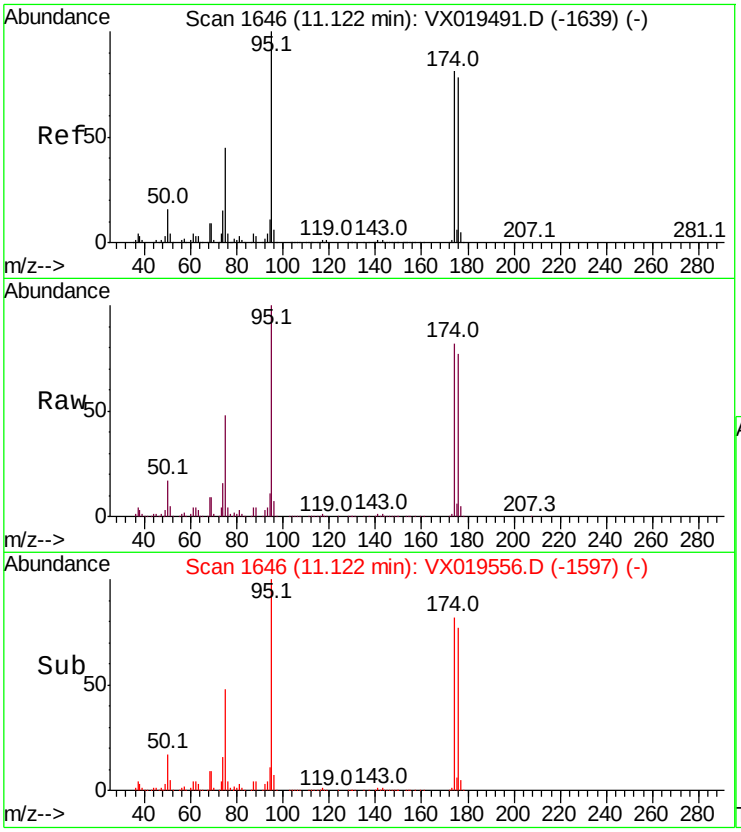


#60
Dibromochloromethane
Concen: 0.526 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.25 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion:129 Resp: 1868

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.0	116.9#



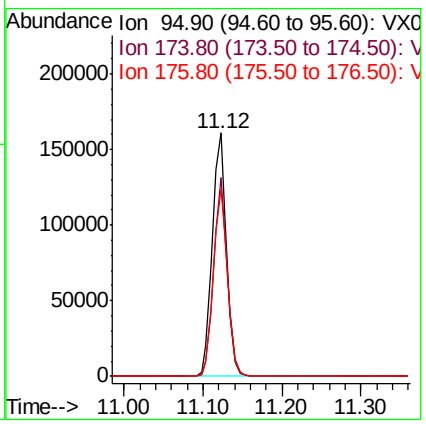


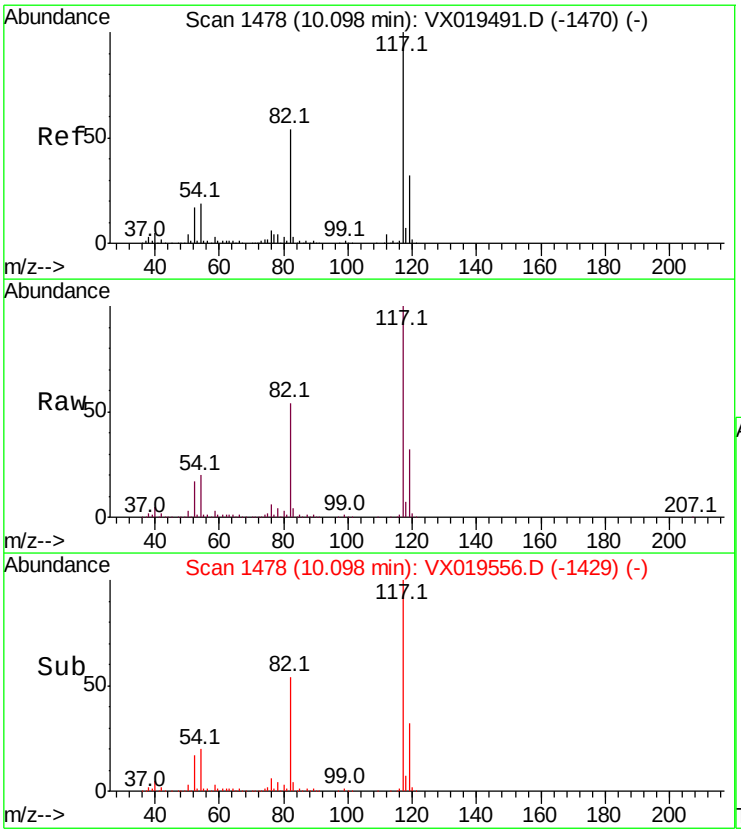
#62
4-Bromofluorobenzene
Concen: 45.541 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tgt Ion: 95 Resp: 201899

Ion	Ratio	Lower	Upper
95	100		
174	78.6	0.0	156.2
176	76.5	0.0	151.4

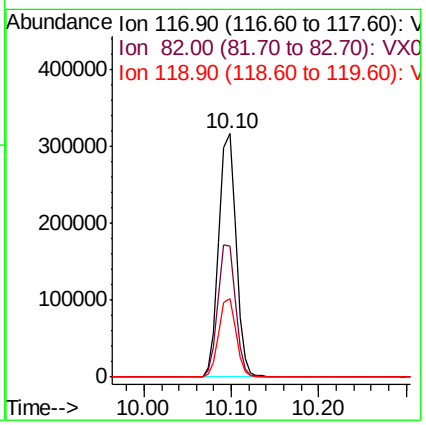


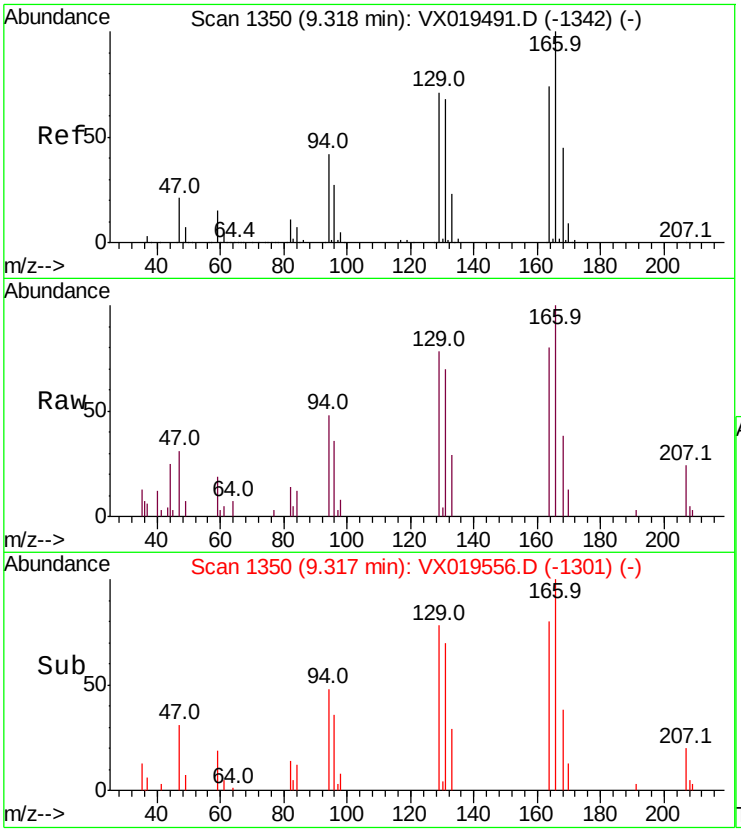


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion:117 Resp: 432171

Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.4
119	32.4	25.6	38.4



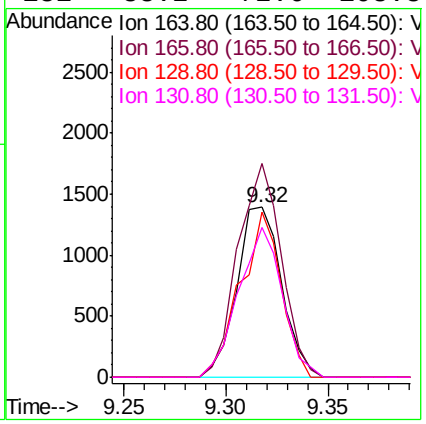


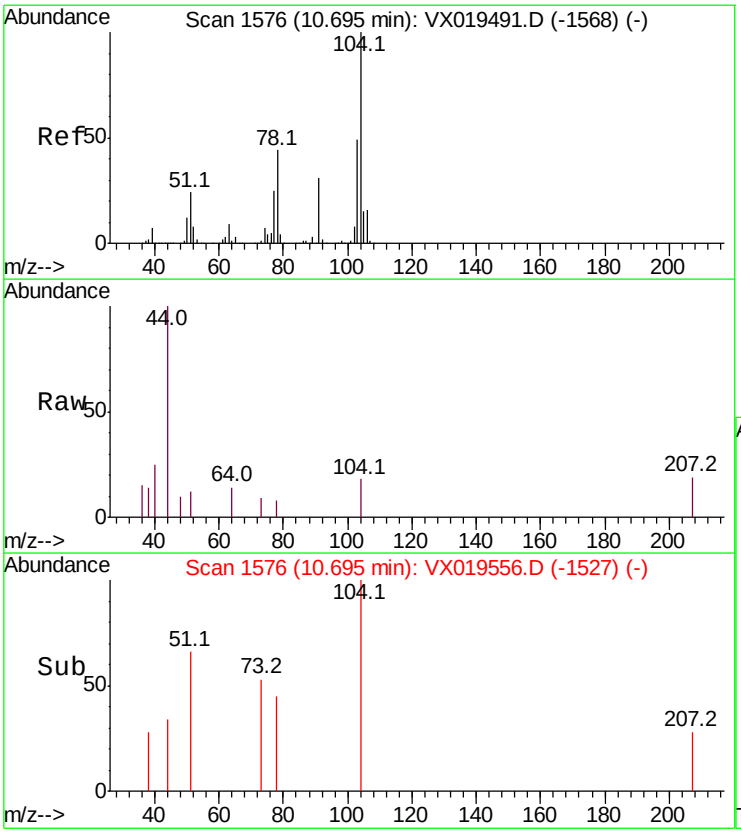
#64
Tetrachloroethene
Concen: 0.624 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument : MSVOA_X
ClientSampleId : DUP01-20201118

Tgt Ion:164 Resp: 2121

Ion	Ratio	Lower	Upper
164	100		
166	125.7	107.4	161.0
129	97.5	76.6	114.8
131	88.2	72.6	108.8

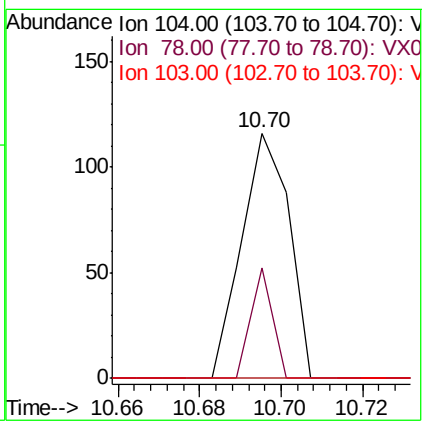


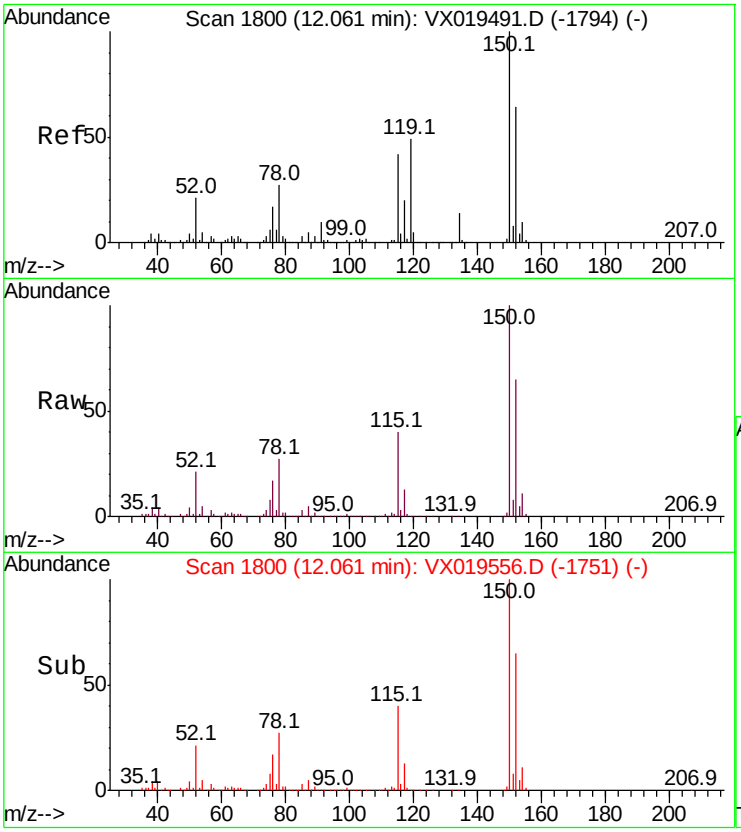


#70
Styrene
Concen: 1.655 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion:104 Resp: 94

Ion	Ratio	Lower	Upper
104	100		
78	20.2	39.5	59.3#
103	0.0	43.6	65.4#



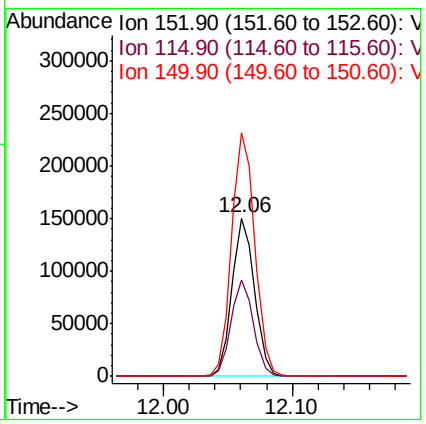


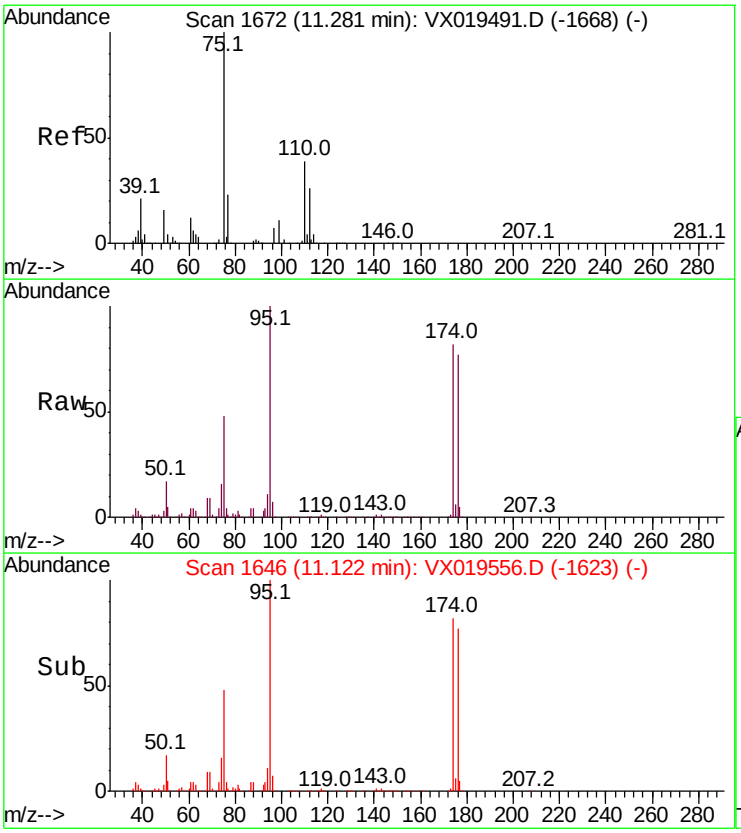
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tgt Ion:152 Resp: 184908

Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.8	125.4
150	158.3	0.0	348.2

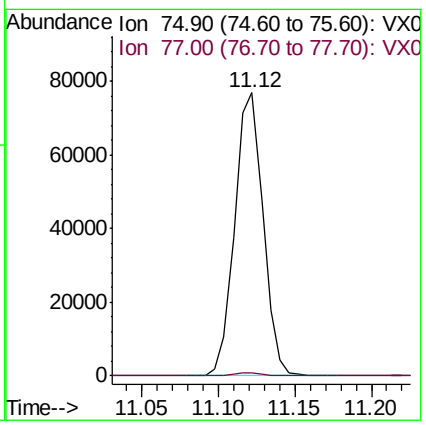


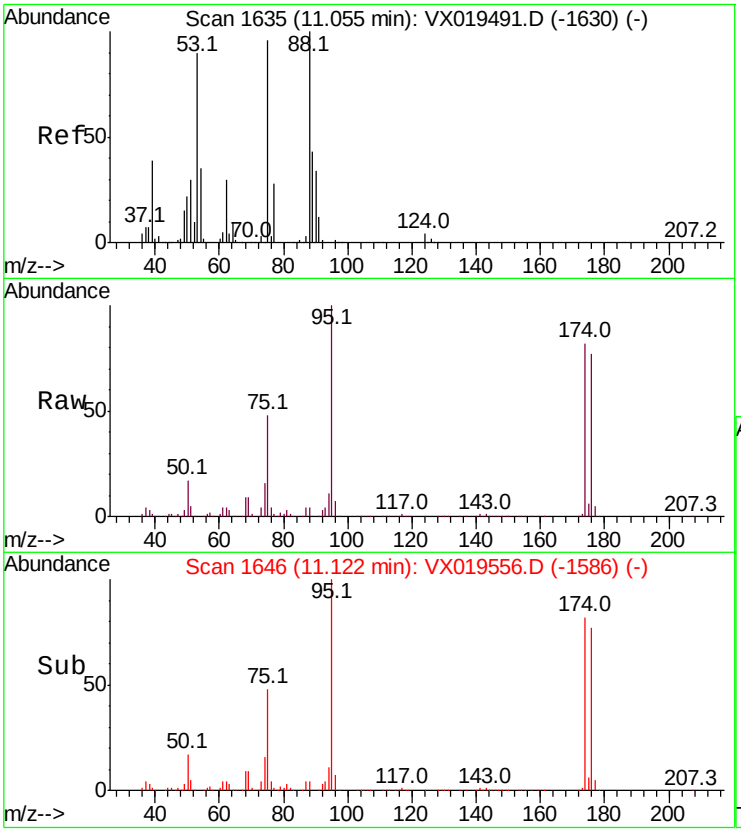


#76
1,2,3-Trichloropropane
Concen: 24.585 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion: 75 Resp: 99210

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	60.0#



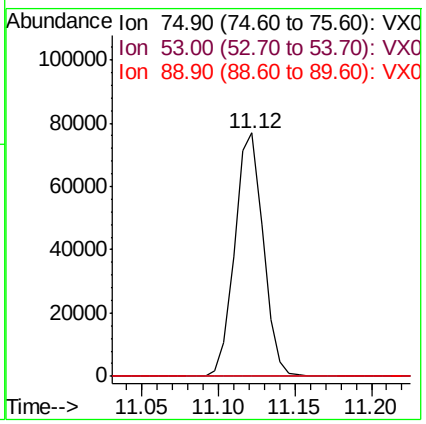


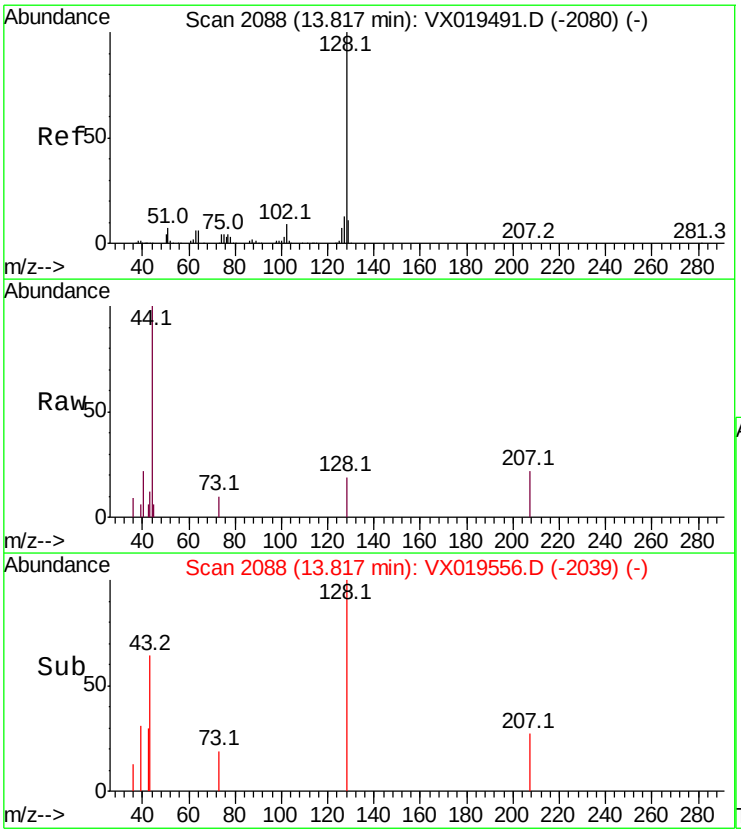
#81
trans-1,4-Dichloro-2-butene
Concen: 65.015 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
DUP01-20201118

Tgt Ion: 75 Resp: 99210

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





#95
Naphthalene
Concen: 2.193 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019556.D
Acq: 23 Nov 2020 17:26

Tgt Ion:128 Resp: 216

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