Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121520\
Data File : VX020055.D
Acq On : 16 Dec 2020 08:50
Operator : JC/MD
Sample : L5088-21
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId :

Quant Time: Dec 16 15:43:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	295627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	499136	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	474721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	198092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	196280	50.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.04%			
35) Dibromofluoromethane	5.464	113	156903	48.64	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.28%			
50) Toluene-d8	8.696	98	627813	50.98	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.96%			
62) 4-Bromofluorobenzene	11.122	95	216468	46.18	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.36%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.995	59	1299	Below Cal	#	73
13) Acrolein	2.270	56	106	0.25	ug/l #	1
16) Acetone	2.416	43	30029	20.56	ug/l	99
18) Methyl Acetate	2.751	43	1896	0.53	ug/l #	86
20) Methylene Chloride	2.831	84	26955	6.86	ug/l	97
25) 2-Butanone	4.629	43	4223	1.88	ug/l	94
29) Tetrahydrofuran	5.099	42	951	0.66	ug/l #	79
31) Cyclohexane	5.629	56	5679	1.18	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	23072	5.12	ug/l #	48
38) Carbon Tetrachloride	5.629	117	29157	6.60	ug/l #	17
43) Isopropyl Acetate	6.409	43	21005	2.84	ug/l	98
48) Methyl methacrylate	7.647	41	6881	1.89	ug/l #	10
49) 1,4-Dioxane	7.842	88	159	1.80	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	78527	17.37	ug/l #	48
52) Toluene	8.763	92	2094	0.24	ug/l	94
54) cis-1,3-Dichloropropene	8.592	75	40790	7.33	ug/l #	62
57) 1,3-Dichloropropane	9.519	76	21698	3.66	ug/l #	43
59) 2-Hexanone	9.525	43	266629	76.10	ug/l #	47
76) 1,2,3-Trichloropropane	11.116	75	103886	23.38	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	103886	67.60	ug/l #	12

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

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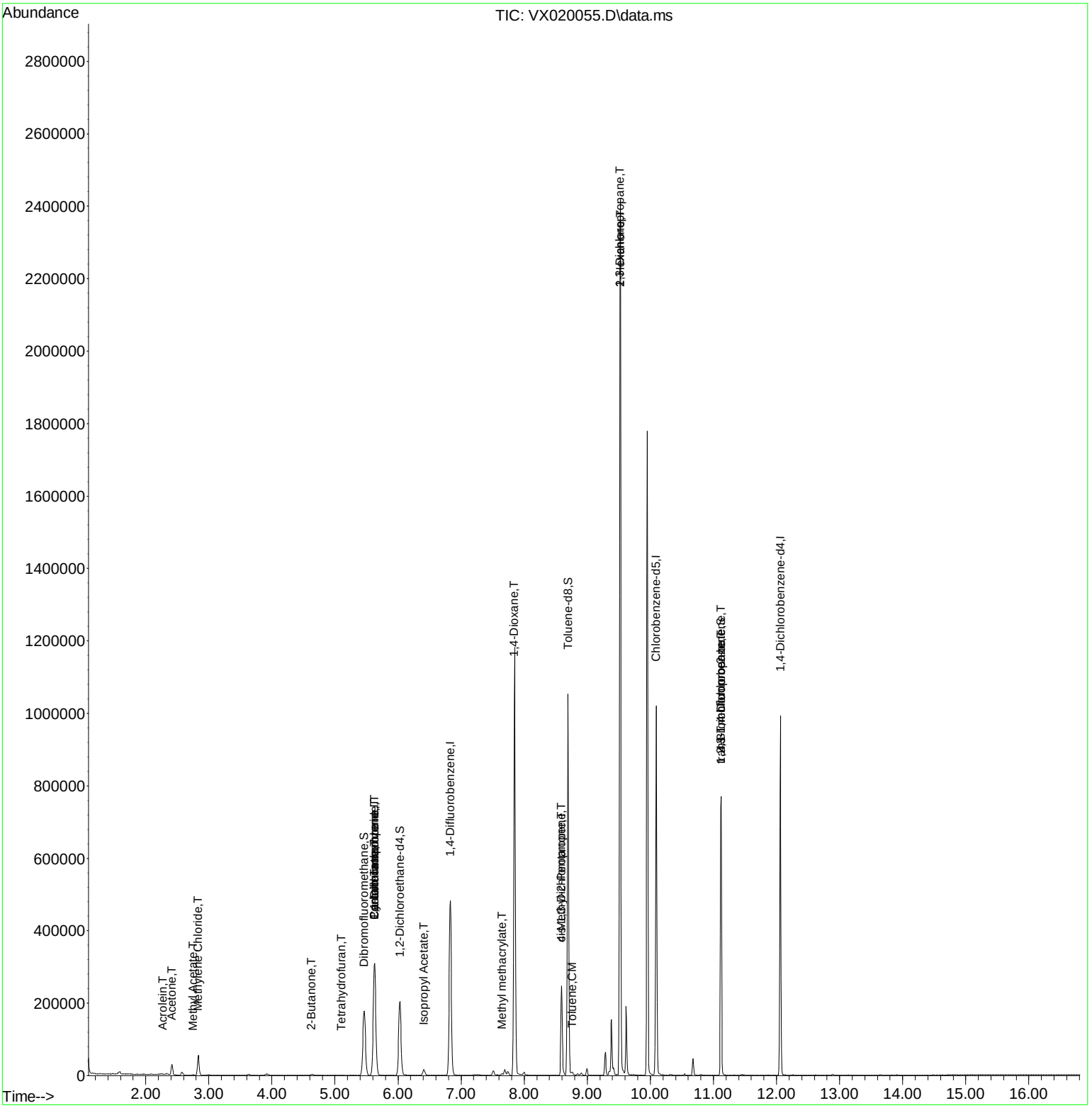
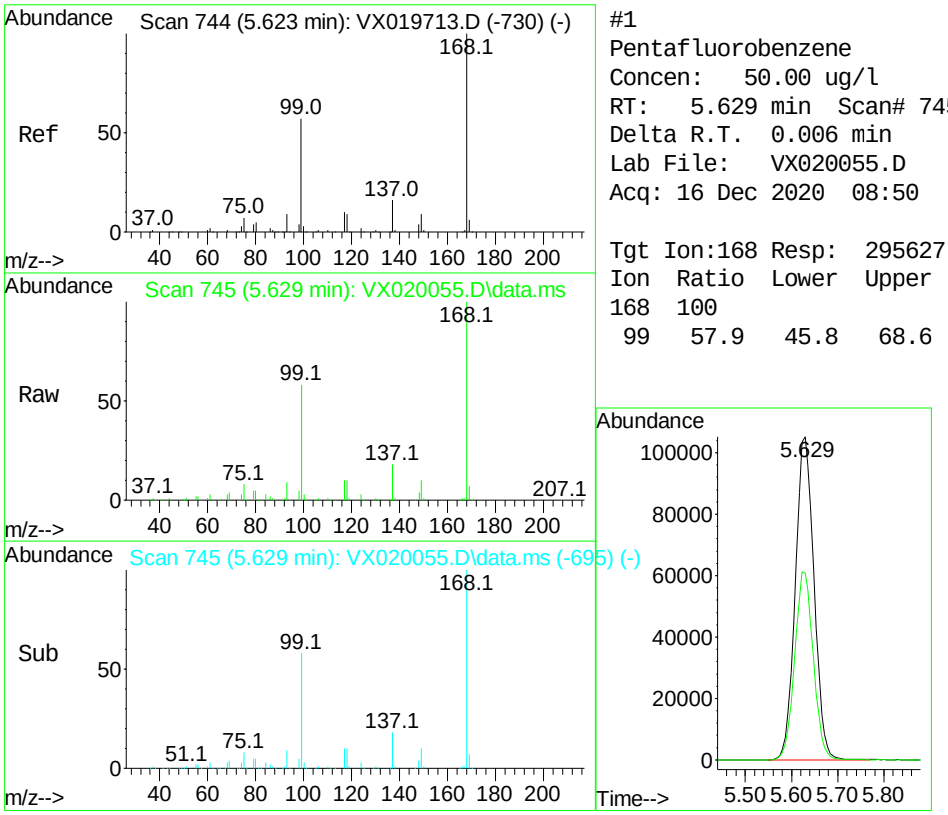
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 16 15:43:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration



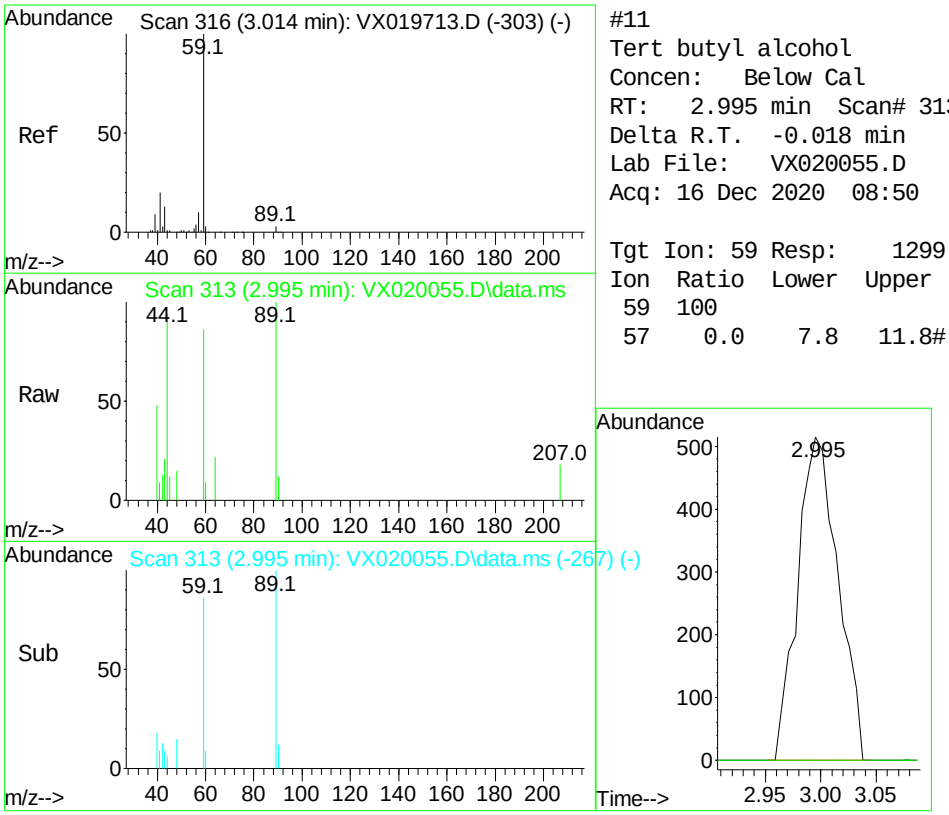


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion:168 Resp: 295627

Ion	Ratio	Lower	Upper
168	100		
99	57.9	45.8	68.6

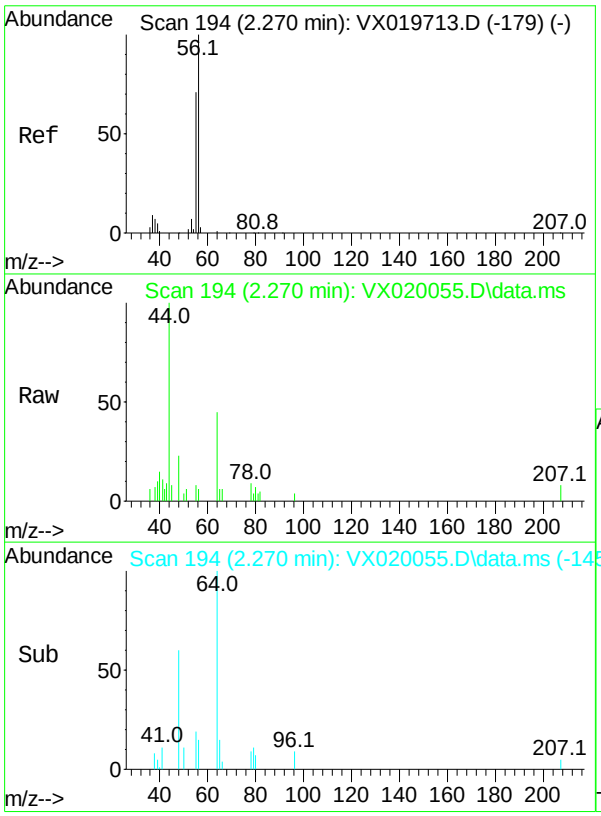
Instrument :
MSVOA_X
ClientSampleId :



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.995 min Scan# 313
Delta R.T. -0.018 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 59 Resp: 1299

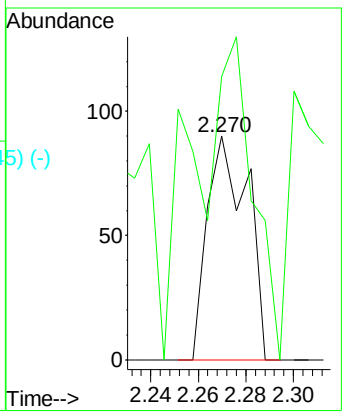
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



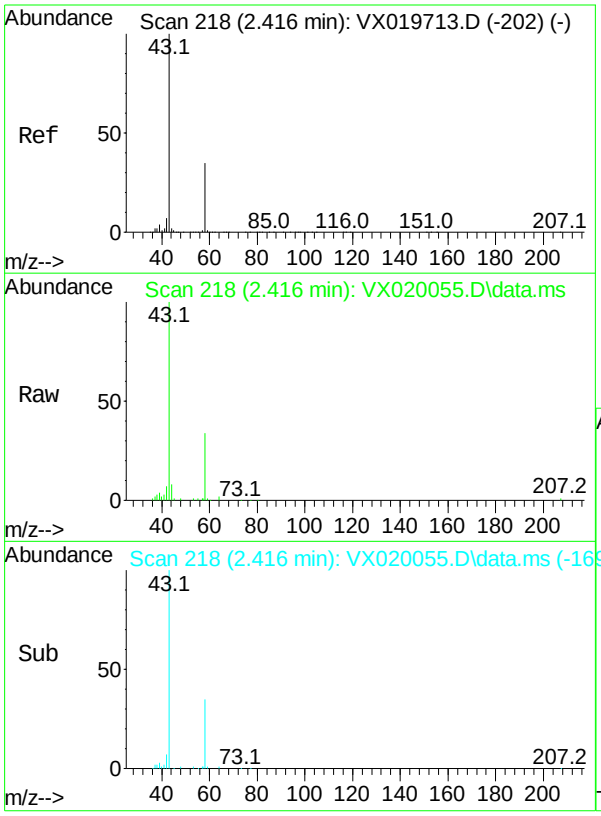
#13
Acrolein
Concen: 0.25 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 56 Resp: 106

Ion	Ratio	Lower	Upper
56	100		
55	208.5	56.4	84.6#



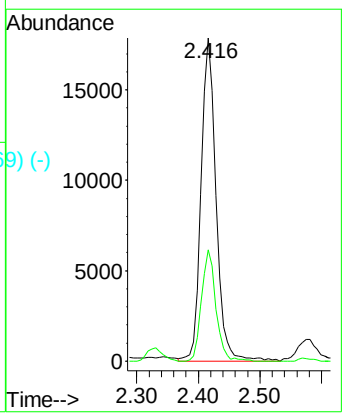
Instrument :
MSVOA_X
ClientSampleId :



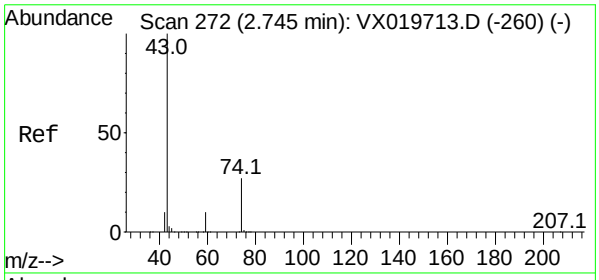
#16
Acetone
Concen: 20.56 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 43 Resp: 30029

Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.8	41.8



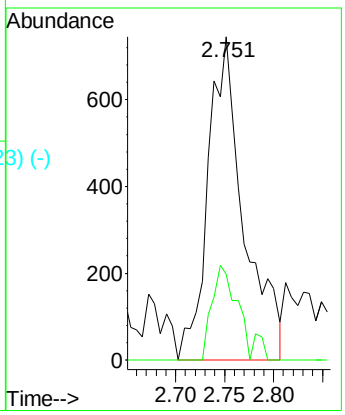
Instrument :
MSVOA_X
ClientSampleId :

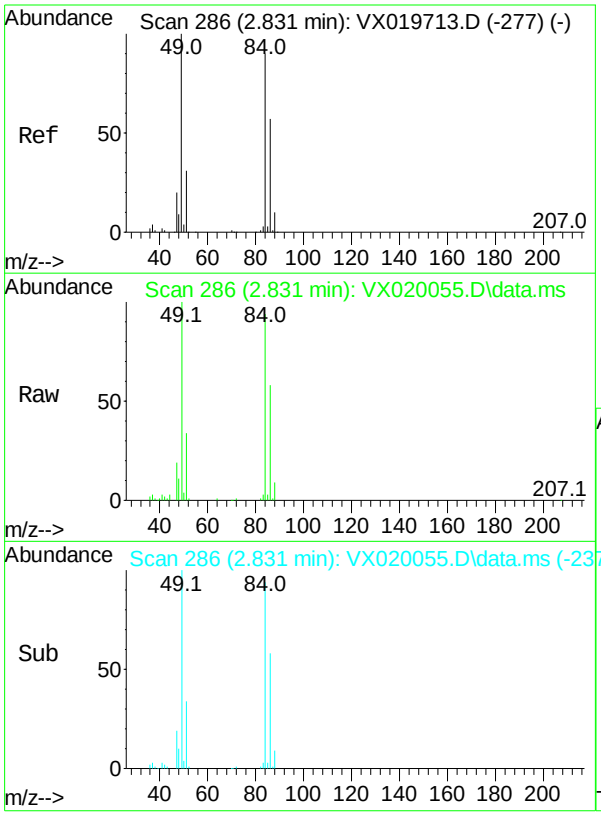


#18
Methyl Acetate
Concen: 0.53 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 43 Resp: 1896

Ion	Ratio	Lower	Upper
43	100		
74	20.0	21.9	32.9#

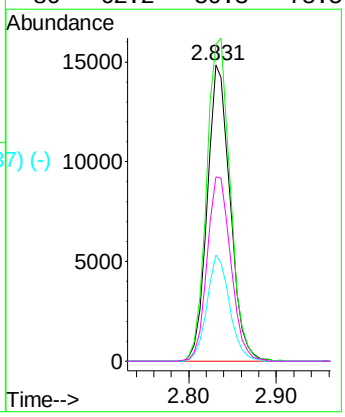




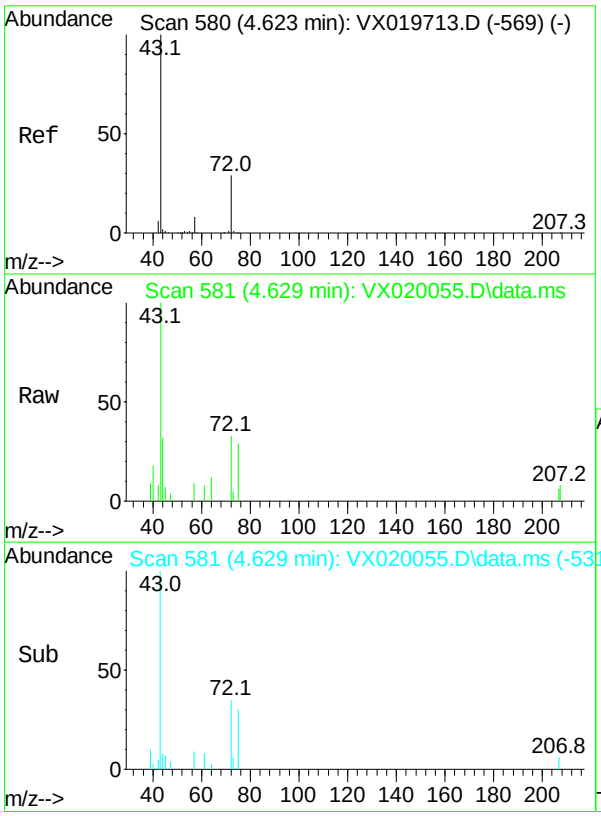
#20
Methylene Chloride
Concen: 6.86 ug/l
RT: 2.831 min Scan# 286
Delta R.T. 0.001 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 84 Resp: 26955

Ion	Ratio	Lower	Upper
84	100		
49	106.8	88.6	132.8
51	35.8	27.0	40.6
86	62.2	50.3	75.5



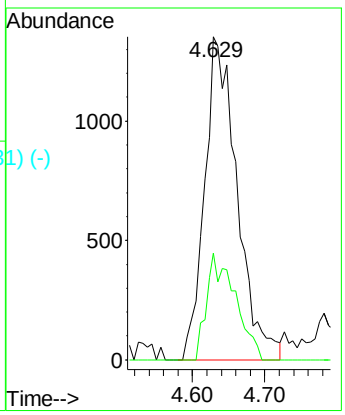
Instrument :
MSVOA_X
ClientSampleId :

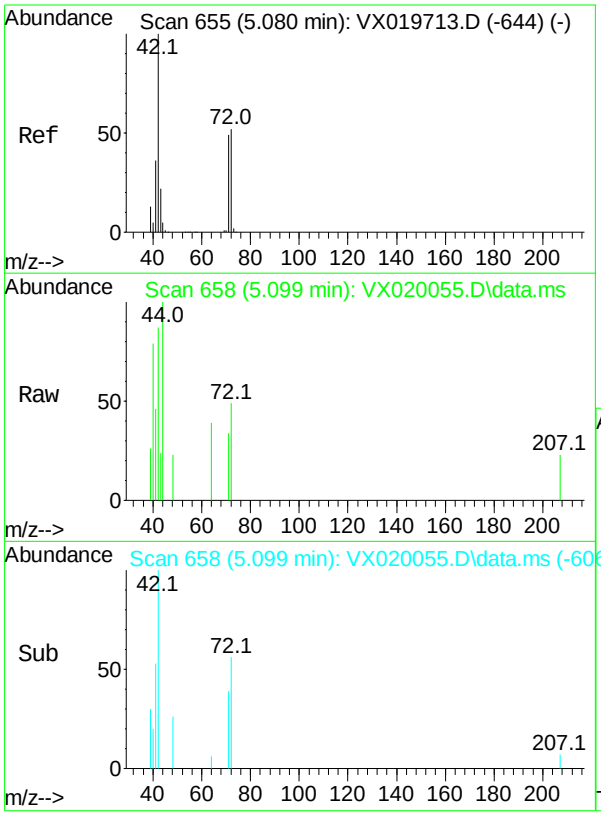


#25
2-Butanone
Concen: 1.88 ug/l
RT: 4.629 min Scan# 581
Delta R.T. 0.006 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 43 Resp: 4223

Ion	Ratio	Lower	Upper
43	100		
72	33.0	23.7	35.5

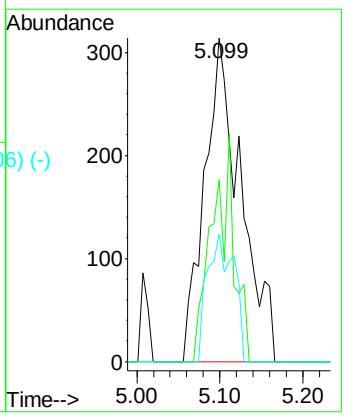


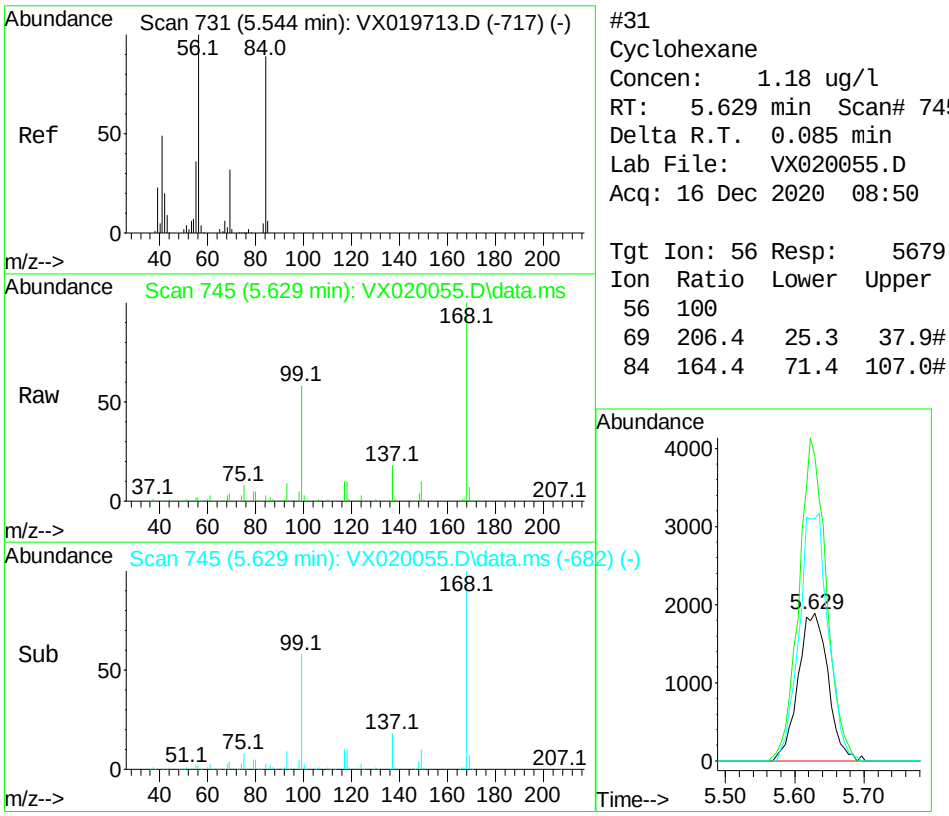


#29
Tetrahydrofuran
Concen: 0.66 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.018 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 42 Resp: 951

Ion	Ratio	Lower	Upper
42	100		
72	42.4	41.7	62.5
71	29.0	38.4	57.6#



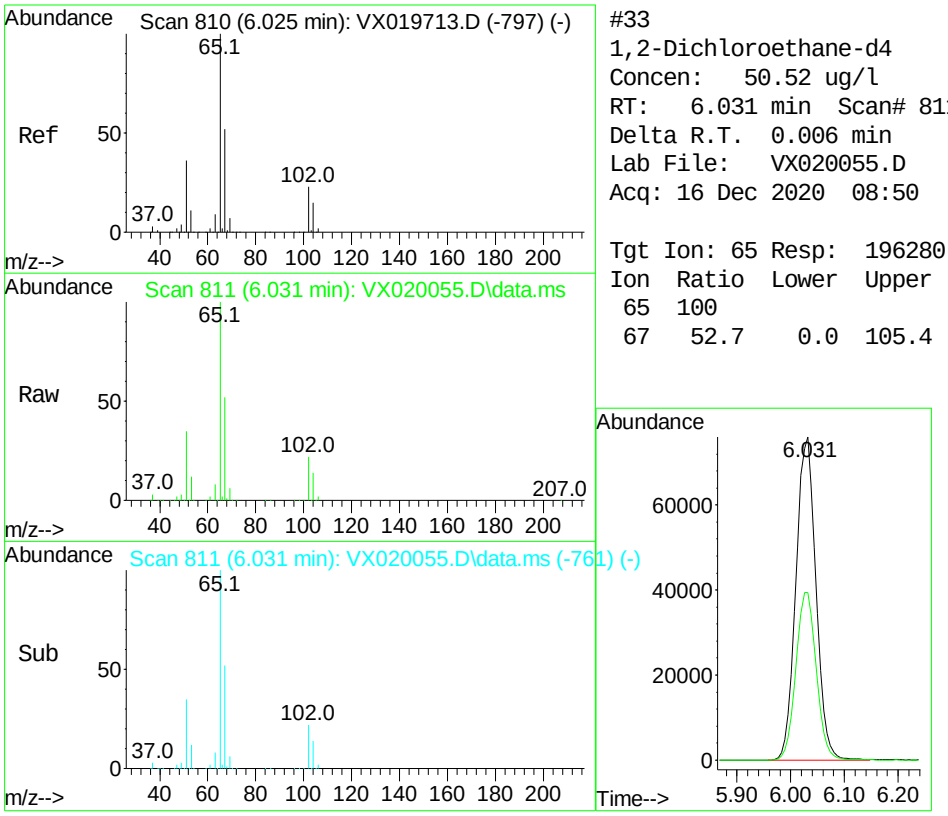


#31
Cyclohexane
Concen: 1.18 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.085 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 56 Resp: 5679

Ion	Ratio	Lower	Upper
56	100		
69	206.4	25.3	37.9#
84	164.4	71.4	107.0#

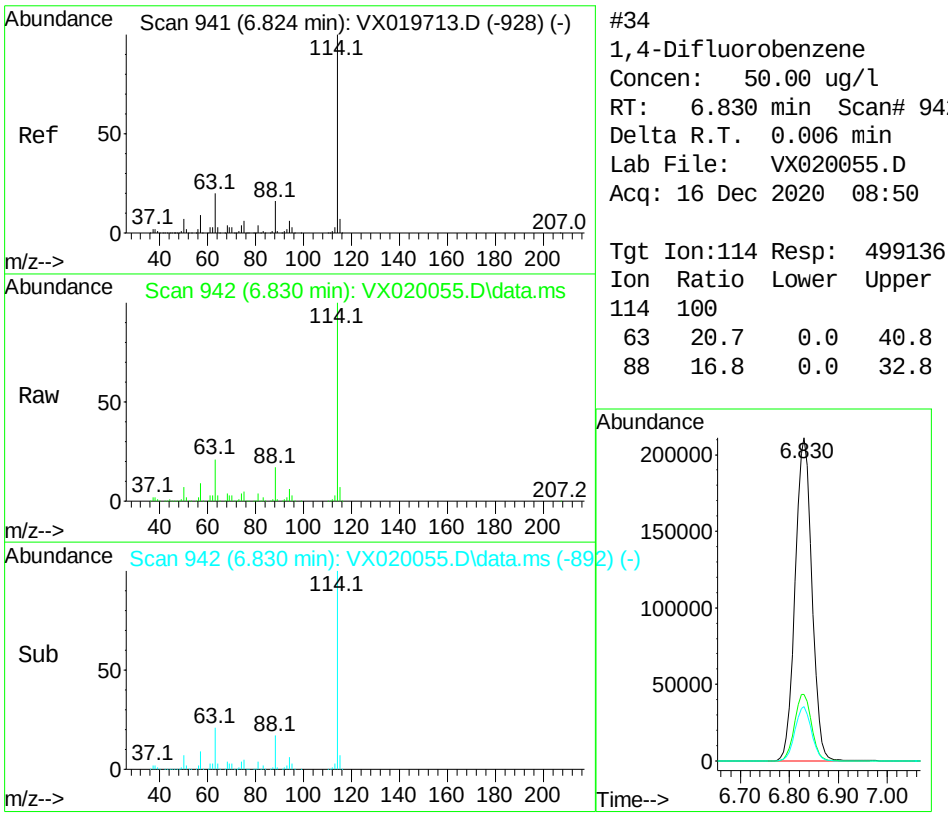
Instrument :
MSVOA_X
ClientSampleId :



#33
1,2-Dichloroethane-d4
Concen: 50.52 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 65 Resp: 196280

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4

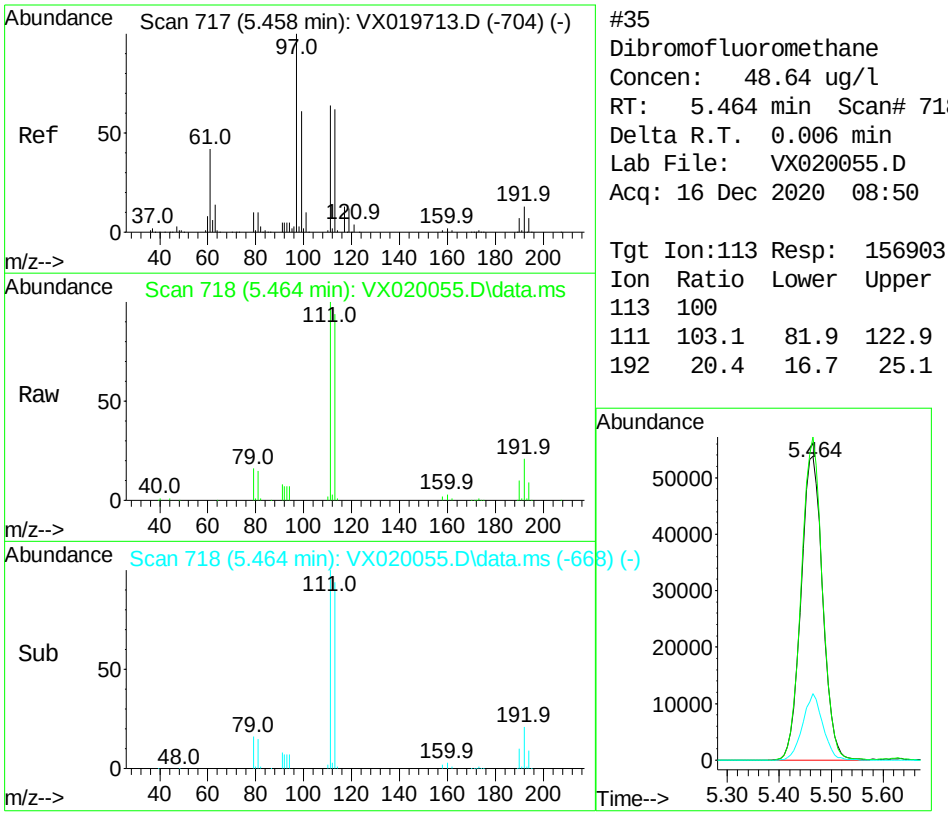


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion:114 Resp: 499136

Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.8
88	16.8	0.0	32.8

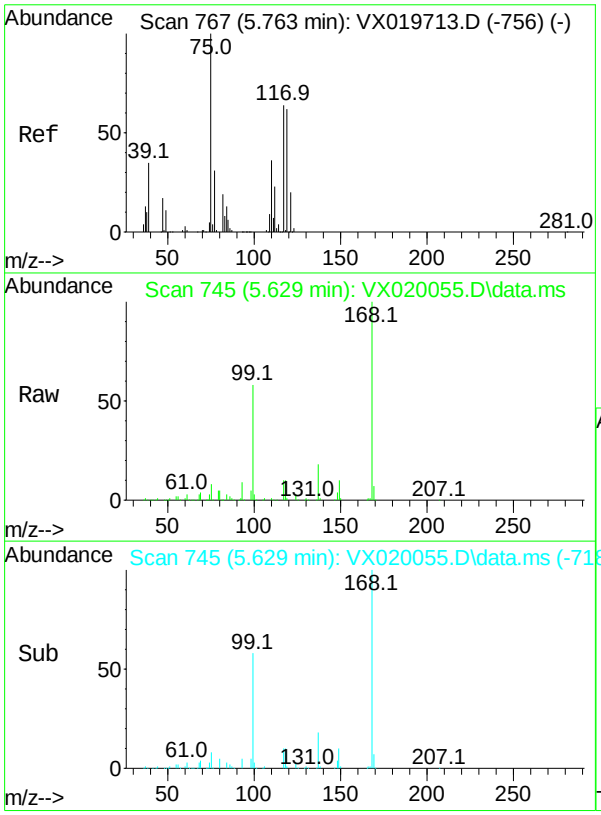
Instrument :
MSVOA_X
ClientSampleId :



#35
Dibromofluoromethane
Concen: 48.64 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion:113 Resp: 156903

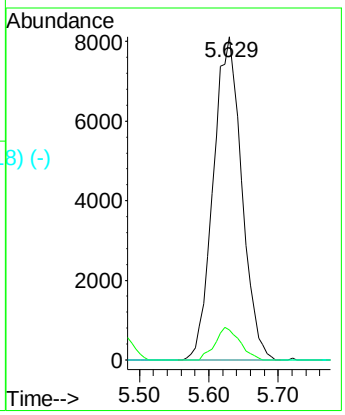
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	20.4	16.7	25.1



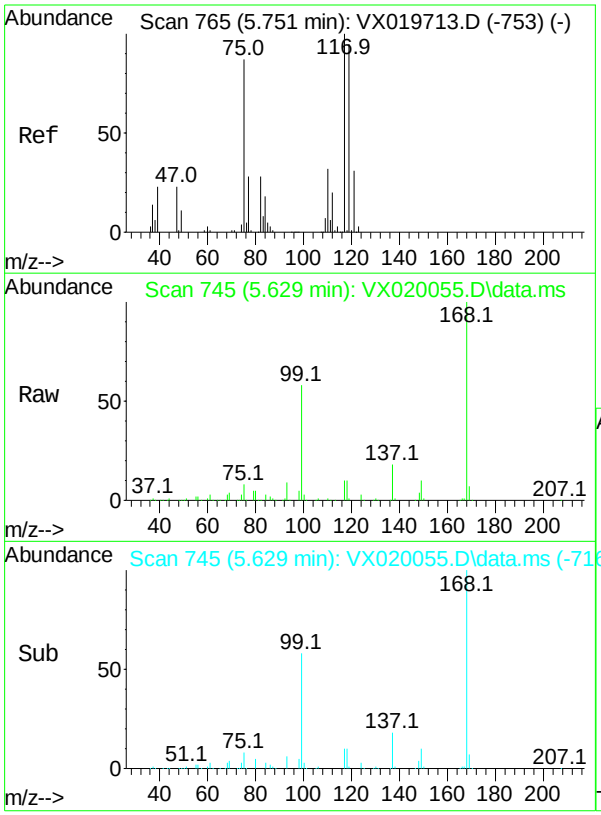
#36
1,1-Dichloropropene
Concen: 5.12 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 75 Resp: 23072

Ion	Ratio	Lower	Upper
75	100		
110	8.7	18.1	54.4#
77	0.0	25.3	37.9#



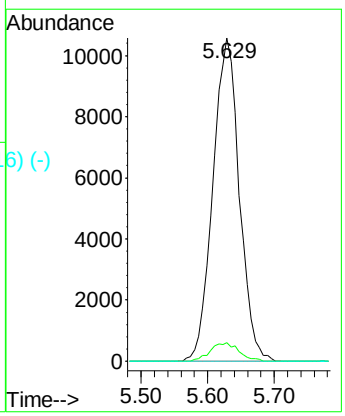
Instrument :
MSVOA_X
ClientSampleId :

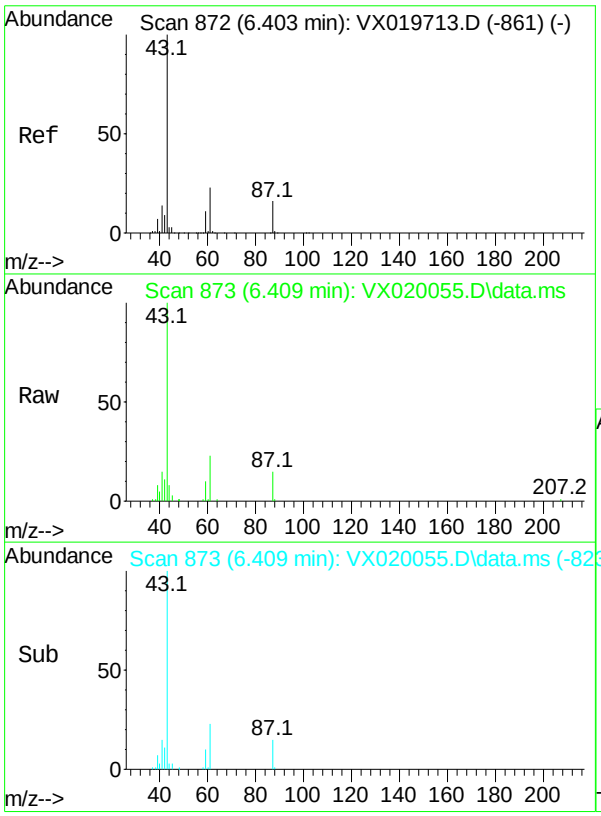


#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion:117 Resp: 29157

Ion	Ratio	Lower	Upper
117	100		
119	5.7	76.2	114.2#
121	0.0	24.8	37.2#

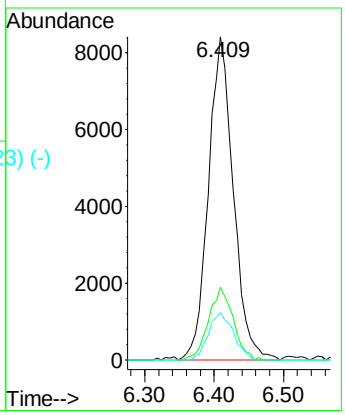




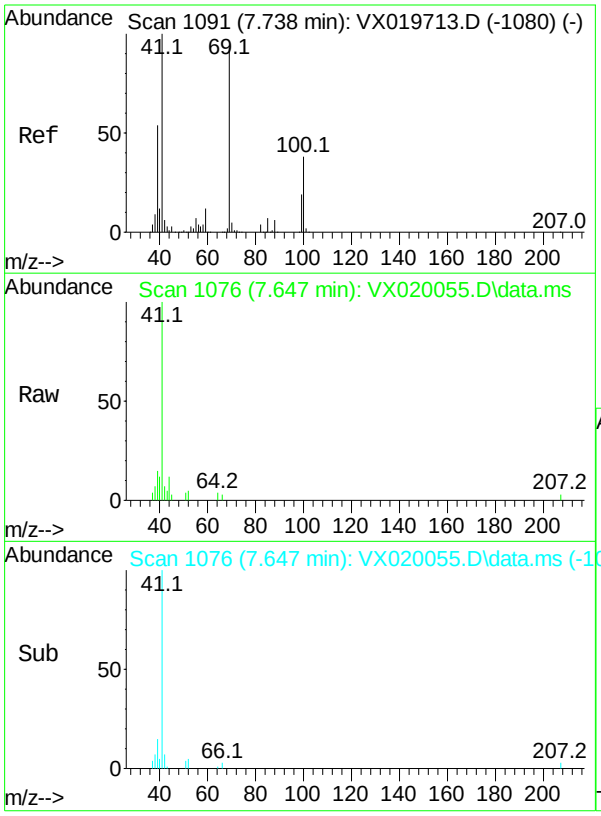
#43
Isopropyl Acetate
Concen: 2.84 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 43 Resp: 21005

Ion	Ratio	Lower	Upper
43	100		
61	22.2	18.2	27.4
87	14.6	12.5	18.7



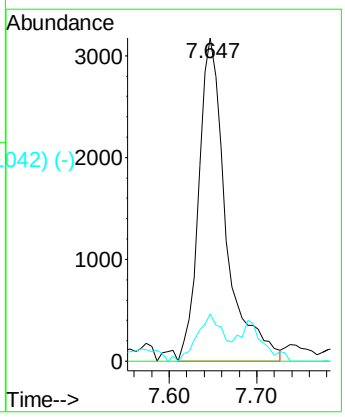
Instrument :
MSVOA_X
ClientSampleId :

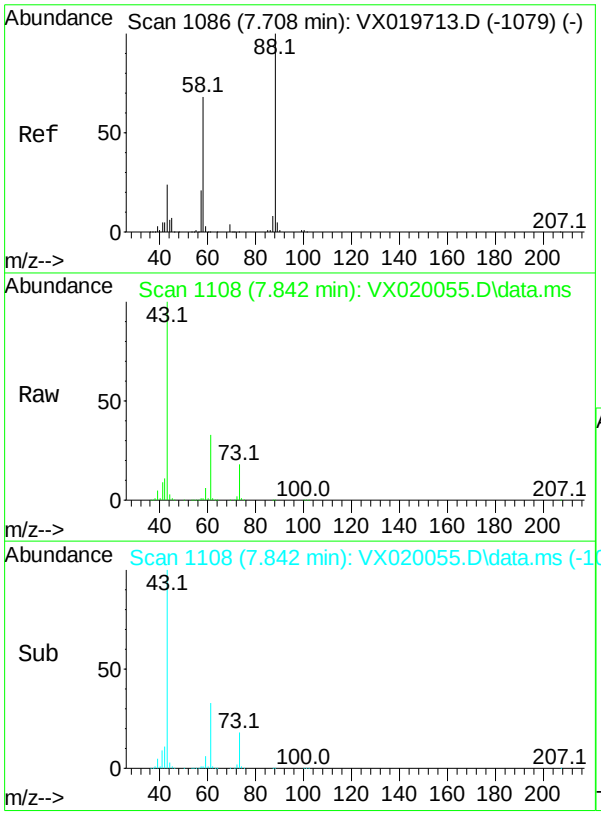


#48
Methyl methacrylate
Concen: 1.89 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 41 Resp: 6881

Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#

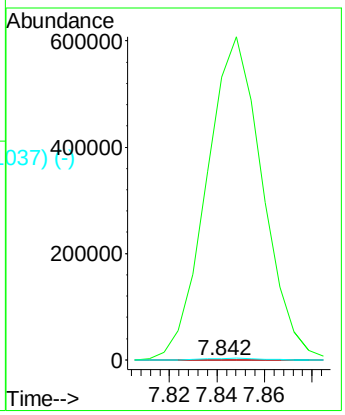




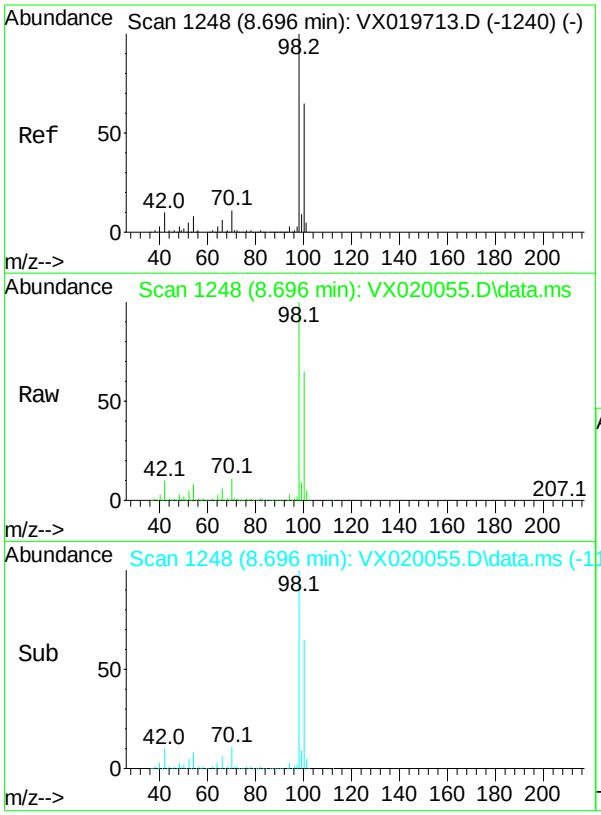
#49
1,4-Dioxane
Concen: 1.80 ug/l
RT: 7.842 min Scan# 1108
Delta R.T. 0.134 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 88 Resp: 159

Ion	Ratio	Lower	Upper
88	100		
43	630666.0	23.2	34.8#
58	3556.0	55.0	82.4#



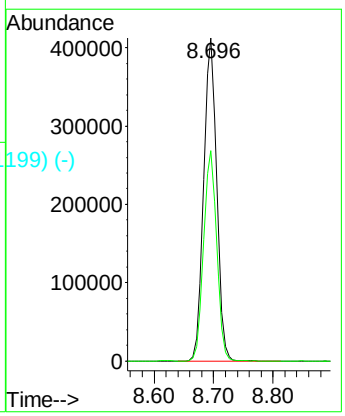
Instrument :
MSVOA_X
ClientSampleId :



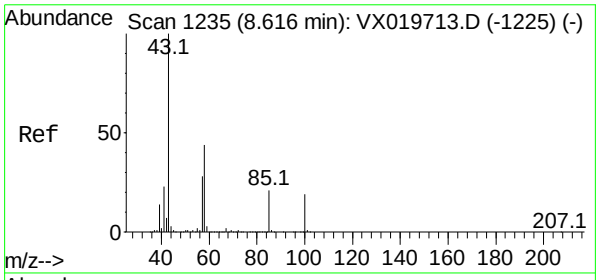
#50
Toluene-d8
Concen: 50.98 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 98 Resp: 627813

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.9	77.9



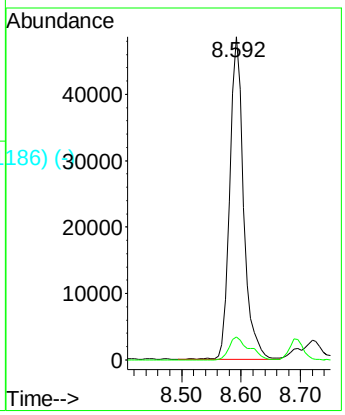
Instrument :
MSVOA_X
ClientSampleId :

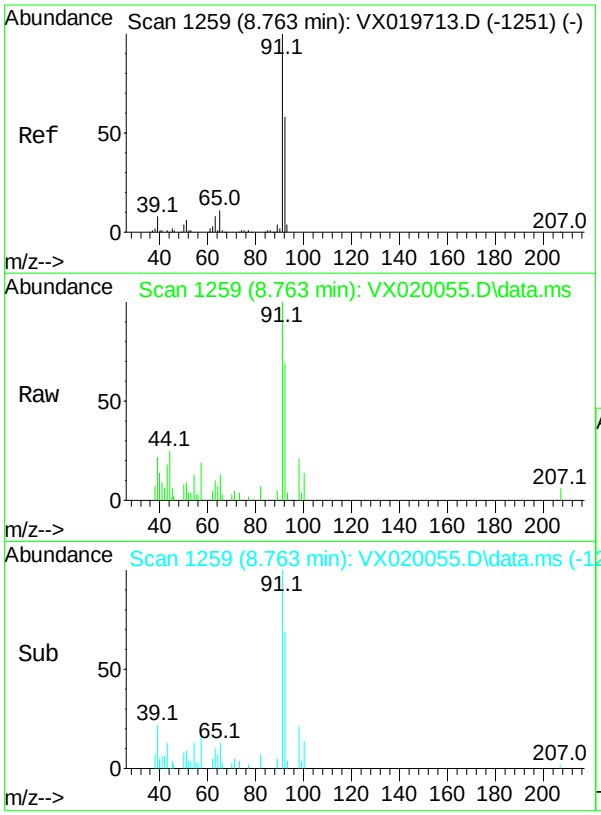


#51
4-Methyl-2-Pentanone
Concen: 17.37 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 43 Resp: 78527

Ion	Ratio	Lower	Upper
43	100		
58	10.3	35.4	53.0#

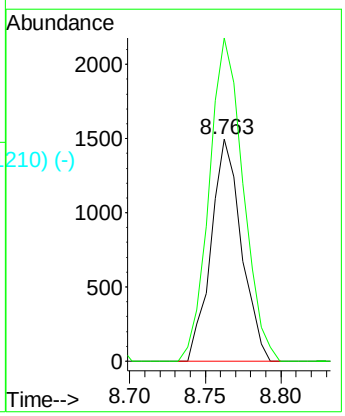




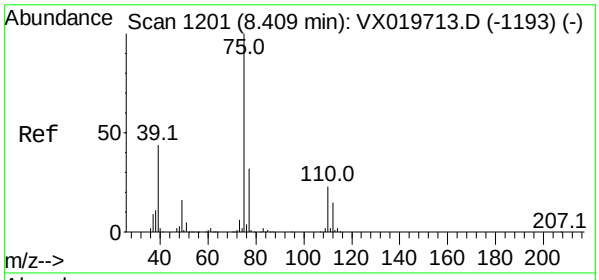
#52
Toluene
Concen: 0.24 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 92 Resp: 2094

Ion	Ratio	Lower	Upper
92	100		
91	162.6	137.1	205.7



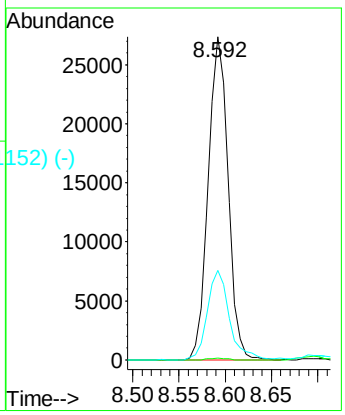
Instrument :
MSVOA_X
ClientSampleId :

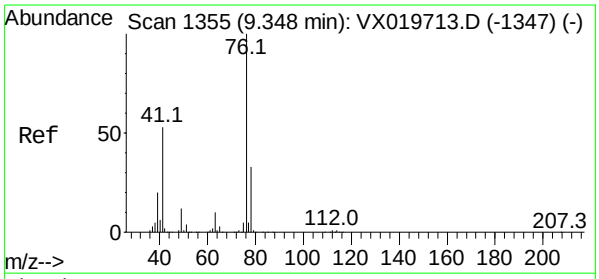


#54
cis-1,3-Dichloropropene
Concen: 7.33 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 75 Resp: 40790

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.7	38.5#
39	27.7	35.1	52.7#

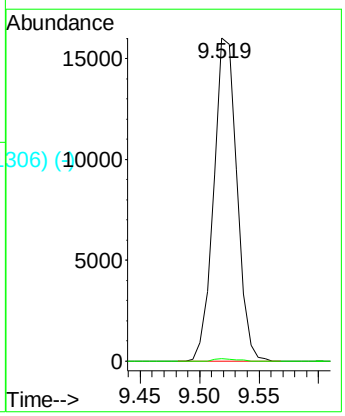




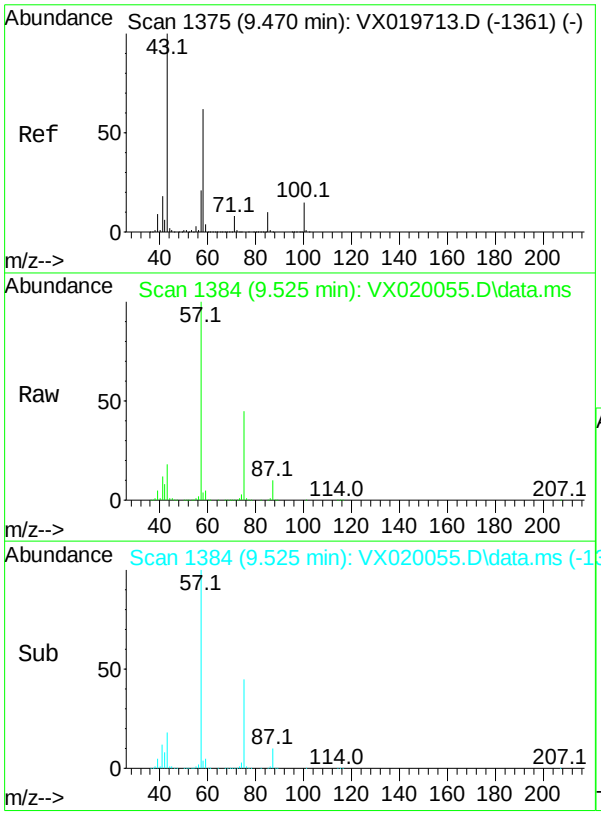
#57
1,3-Dichloropropane
Concen: 3.66 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.171 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 76 Resp: 21698

Ion	Ratio	Lower	Upper
76	100		
78	0.7	26.2	39.2#



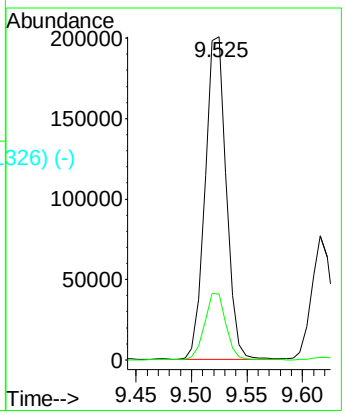
Instrument :
MSVOA_X
ClientSampleId :

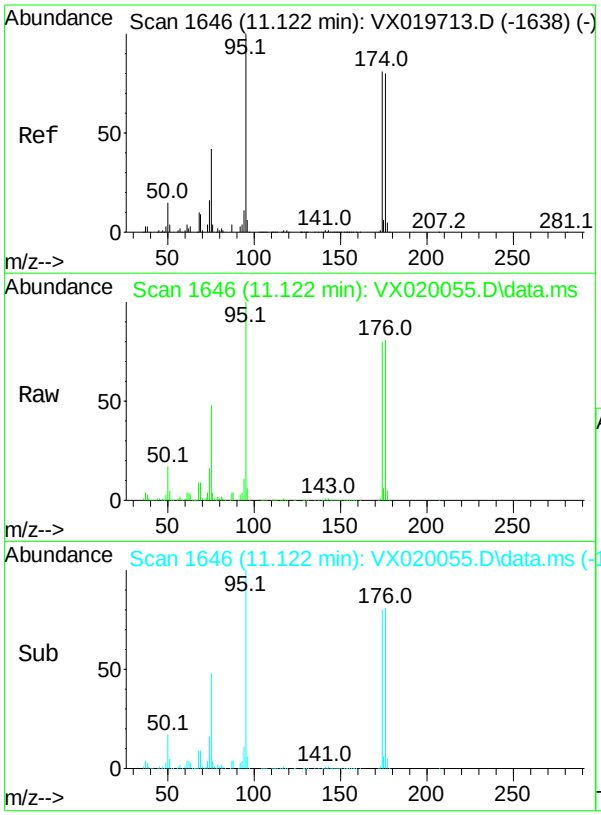


#59
2-Hexanone
Concen: 76.10 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 43 Resp: 266629

Ion	Ratio	Lower	Upper
43	100		
58	20.8	30.9	92.8#

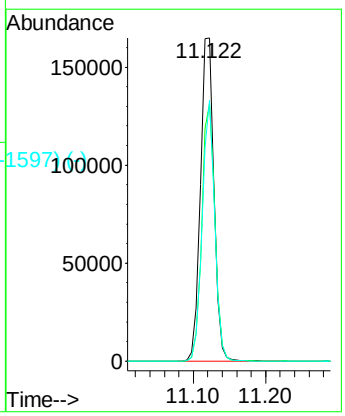


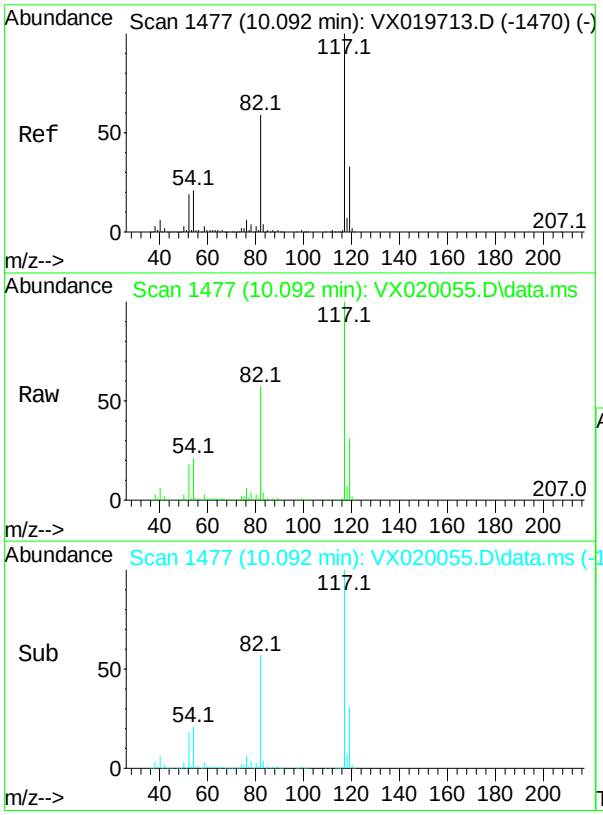


#62
4-Bromofluorobenzene
Concen: 46.18 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 95 Resp: 216468

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	154.6
176	75.1	0.0	155.8

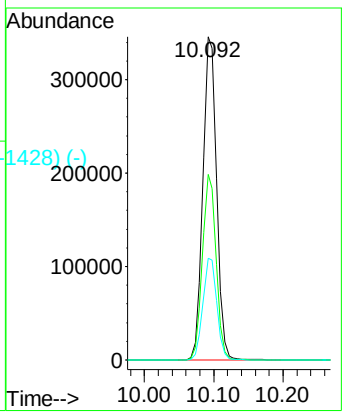




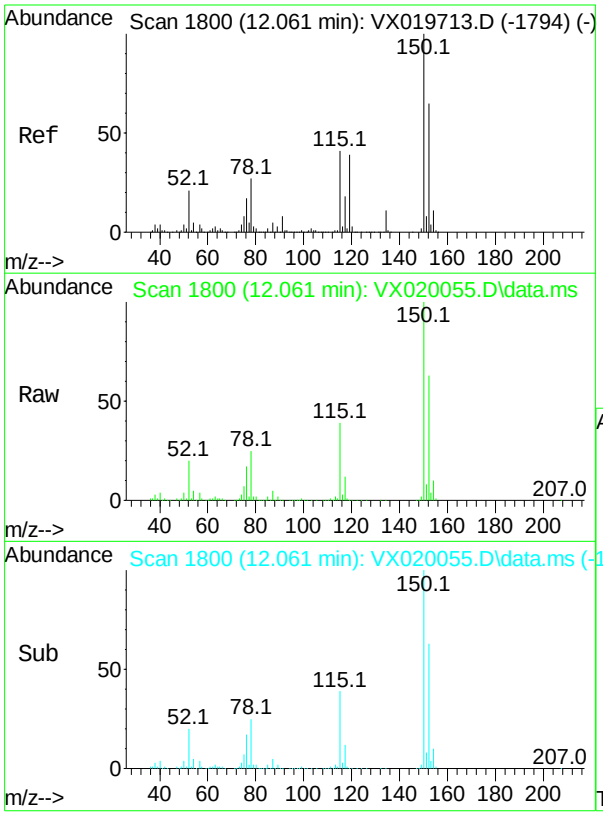
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion:117 Resp: 474721

Ion	Ratio	Lower	Upper
117	100		
82	57.3	47.4	71.2
119	31.5	26.6	39.8



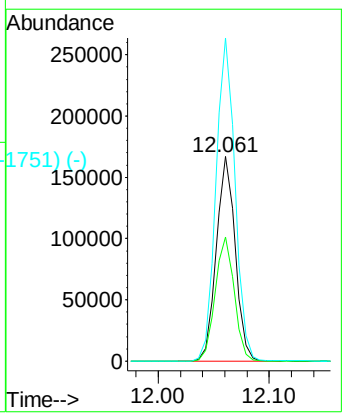
Instrument :
MSVOA_X
ClientSampleId :



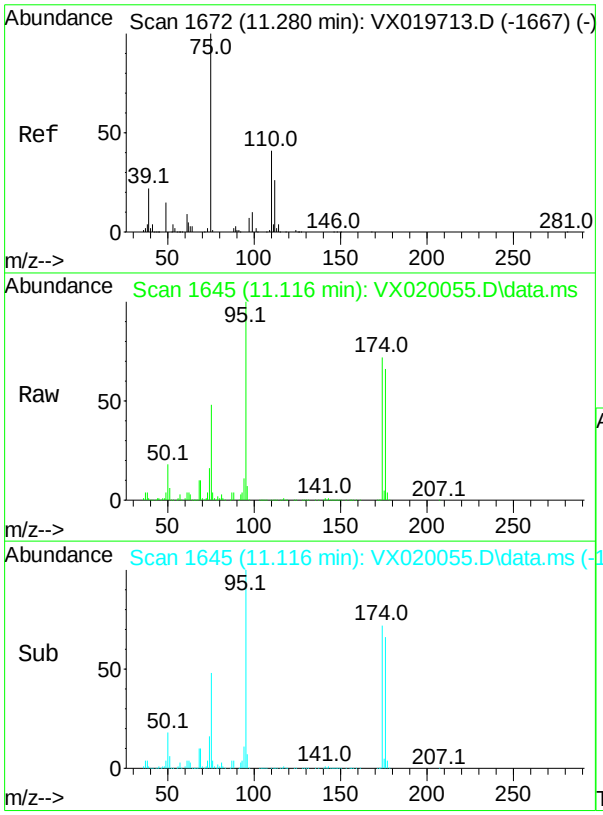
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion:152 Resp: 198092

Ion	Ratio	Lower	Upper
152	100		
115	61.3	41.1	123.3
150	159.9	0.0	349.0



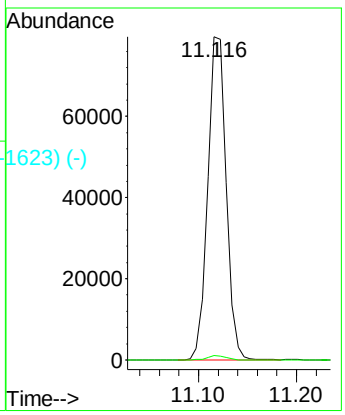
Instrument :
MSVOA_X
ClientSampleId :

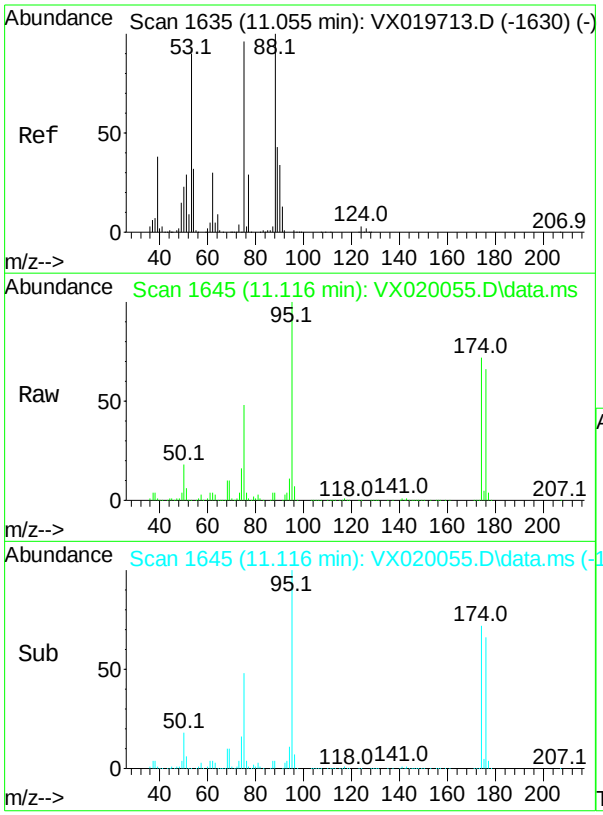


#76
1,2,3-Trichloropropane
Concen: 23.38 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

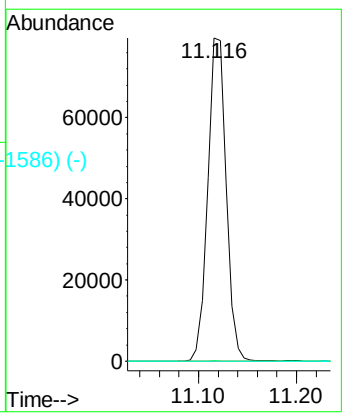
Tgt Ion: 75 Resp: 103886

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.60 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020055.D
Acq: 16 Dec 2020 08:50

Tgt Ion: 75 Resp: 103886

Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.5	111.7#
89	0.0	37.9	56.9#