Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
Data File : VX020281.D
Acq On : 22 Dec 2020 04:06
Operator : JC/MD
Sample : PB133709ZHE#12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133709ZHE#12

Quant Time: Dec 22 05:19:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.635	168	252924	50.00	ug/l		0.02
34) 1,4-Difluorobenzene	6.830	114	425000	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.098	117	399240	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	155231	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.031	65	170561	50.31	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.62%				
35) Dibromofluoromethane	5.464	113	135850	49.97	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.94%				
50) Toluene-d8	8.696	98	541156	51.71	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.42%				
62) 4-Bromofluorobenzene	11.122	95	175791	43.89	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 87.78%				
Target Compounds							Qvalue
5) Bromomethane	1.636	94	372	0.33	ug/l	#	74
10) Methyl Iodide	2.495	142	19	3.29	ug/l	#	42
11) Tert butyl alcohol	2.995	59	5641	7.43	ug/l	#	78
13) Acrolein	2.288	56	116	0.24	ug/l	#	1
16) Acetone	2.416	43	21565	13.95	ug/l		95
18) Methyl Acetate	2.752	43	2779	0.81	ug/l		93
20) Methylene Chloride	2.837	84	10978	3.15	ug/l		94
25) 2-Butanone	4.635	43	9415	4.18	ug/l		91
29) Tetrahydrofuran	5.105	42	1108	0.78	ug/l	#	78
31) Cyclohexane	5.629	56	5122	1.10	ug/l	#	1
36) 1,1-Dichloropropene	5.623	75	19545	4.65	ug/l	#	49
37) Ethyl Acetate	4.635	43	9415	2.16	ug/l	#	65
38) Carbon Tetrachloride	5.629	117	25351	6.35	ug/l	#	16
41) Methacrylonitrile	5.105	41	724	0.31	ug/l	#	41
43) Isopropyl Acetate	6.409	43	24381	3.54	ug/l		98
48) Methyl methacrylate	7.647	41	7115	2.11	ug/l	#	10
49) 1,4-Dioxane	7.848	88	232	2.93	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.592	43	87158	20.43	ug/l	#	48
52) Toluene	8.763	92	2010	0.25	ug/l		95
54) cis-1,3-Dichloropropene	8.592	75	45661	8.77	ug/l	#	62
57) 1,3-Dichloropropane	9.525	76	29809	5.32	ug/l	#	43
59) 2-Hexanone	9.525	43	362666	111.55	ug/l	#	46
74) N-amyl acetate	10.805	43	1204	0.27	ug/l	#	48
76) 1,2,3-Trichloropropane	11.122	75	85519	22.37	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.488	105	2799	0.29	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.122	75	85519	66.35	ug/l	#	12

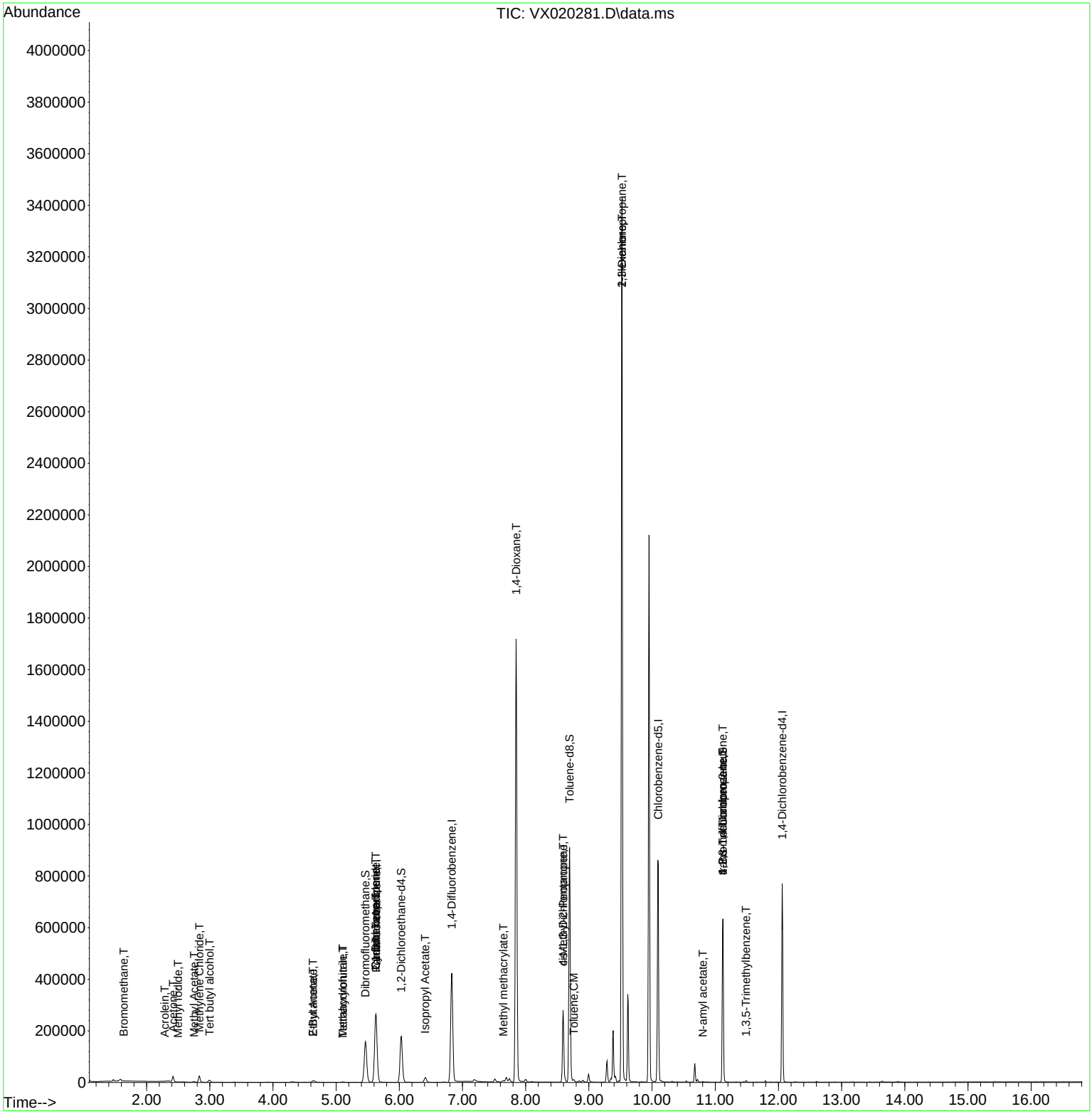
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

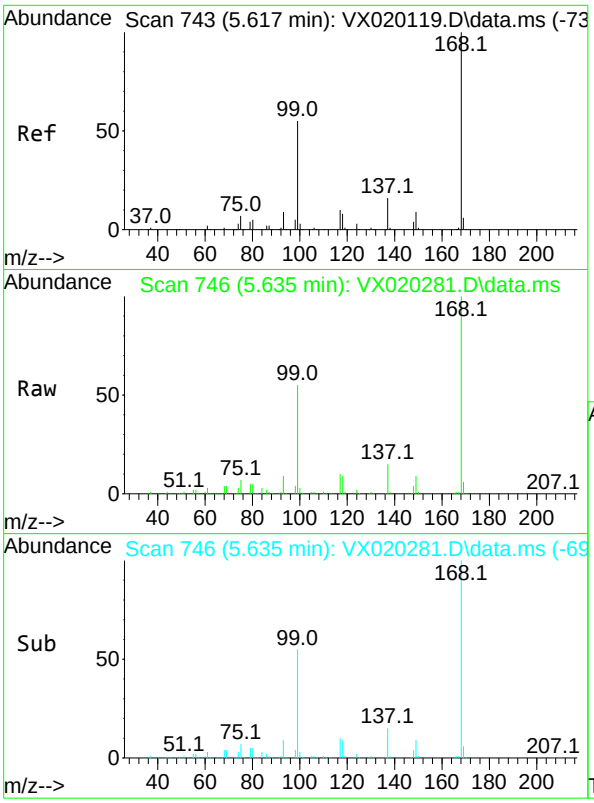
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
Data File : VX020281.D
Acq On : 22 Dec 2020 04:06
Operator : JC/MD
Sample : PB133709ZHE#12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

Quant Time: Dec 22 05:19:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



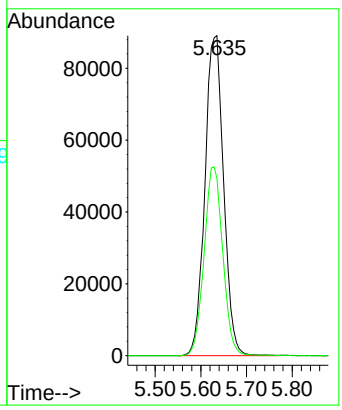
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

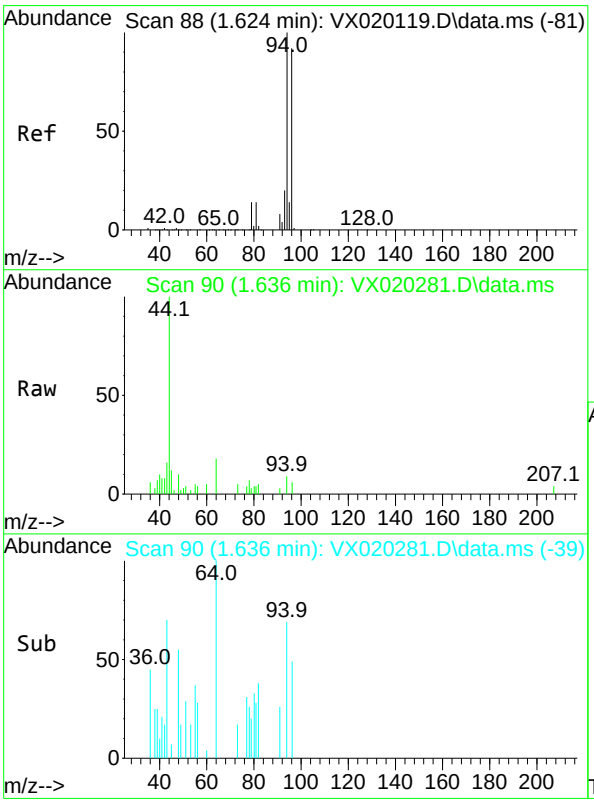


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.018 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion:168 Resp: 252924

Ion	Ratio	Lower	Upper
168	100		
99	55.4	45.8	68.6

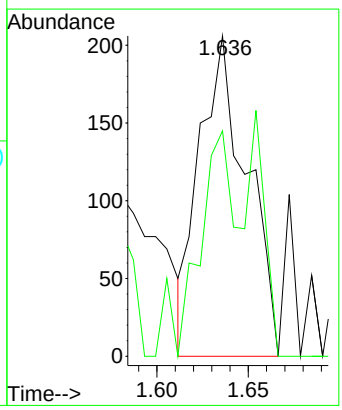


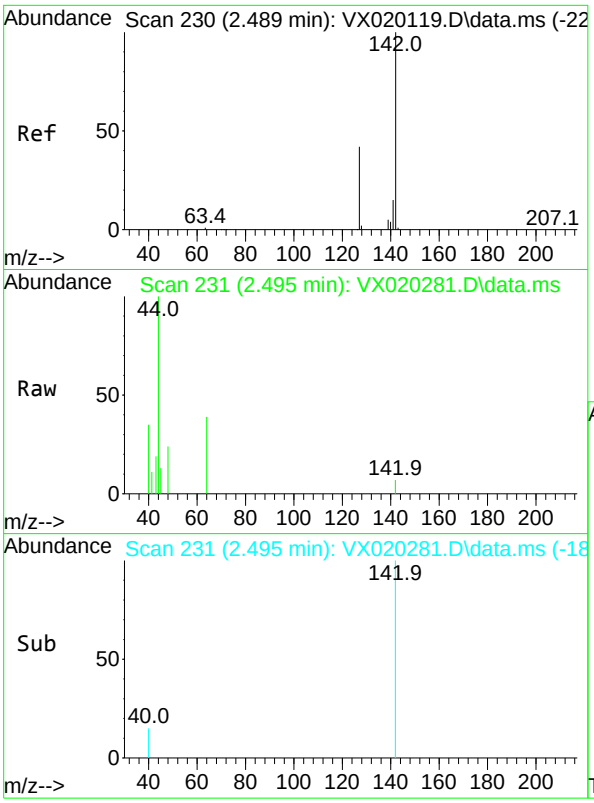


#5
Bromomethane
Concen: 0.33 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 94 Resp: 372

Ion	Ratio	Lower	Upper
94	100		
96	70.4	76.4	114.6#

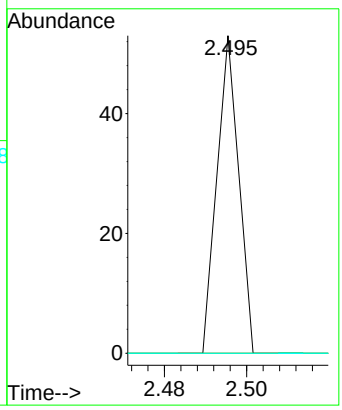




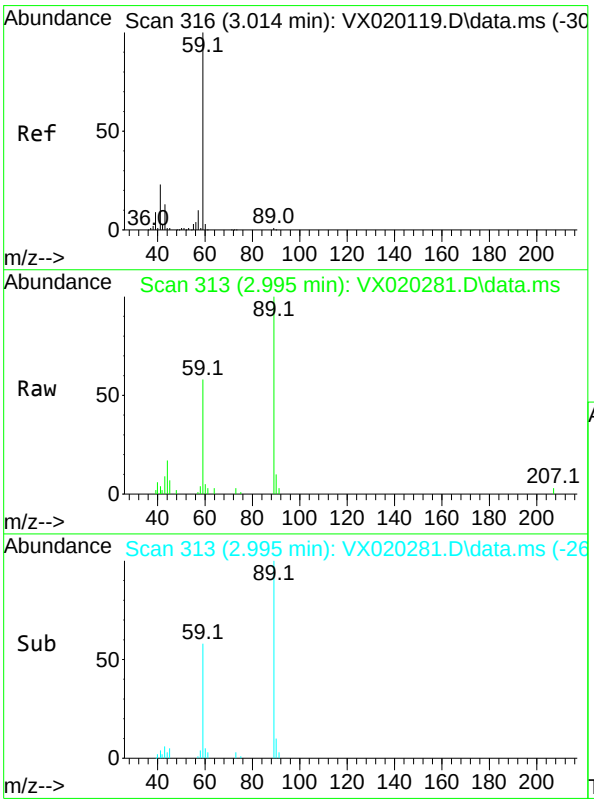
#10
Methyl Iodide
Concen: 3.29 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion:142 Resp: 19

Ion	Ratio	Lower	Upper
142	100		
127	0.0	33.3	49.9#
141	0.0	11.4	17.0#



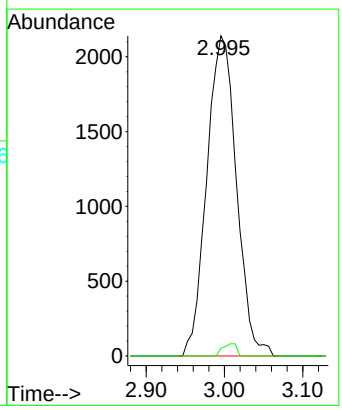
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

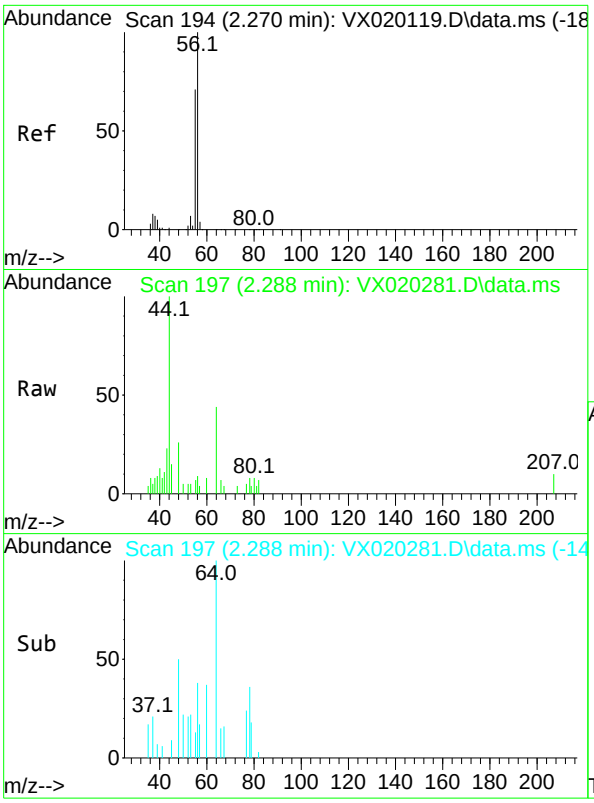


#11
Tert butyl alcohol
Concen: 7.43 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 59 Resp: 5641

Ion	Ratio	Lower	Upper
59	100		
57	1.8	7.8	11.8#

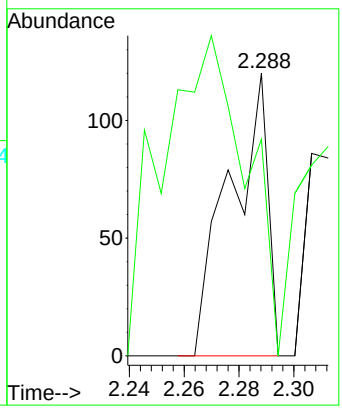




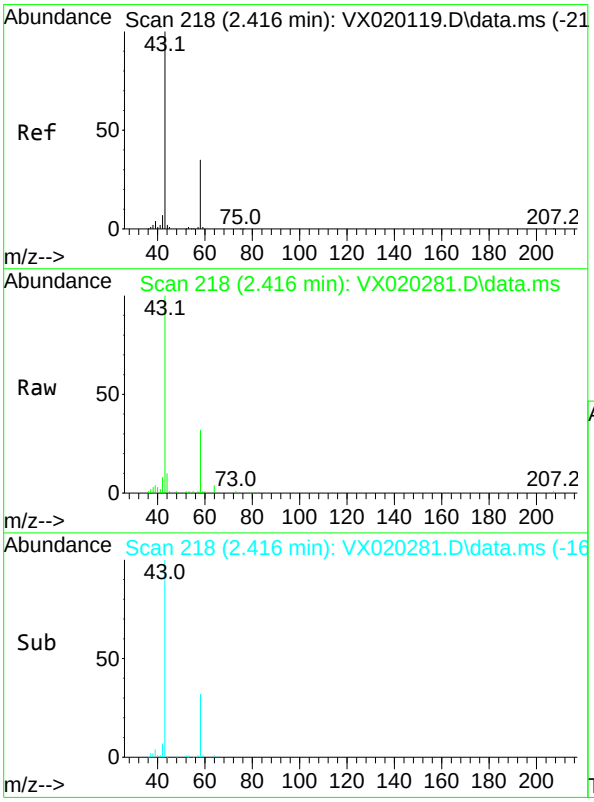
#13
Acrolein
Concen: 0.24 ug/l
RT: 2.288 min Scan# 197
Delta R.T. 0.018 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 56 Resp: 116

Ion	Ratio	Lower	Upper
56	100		
55	250.9	56.4	84.6#



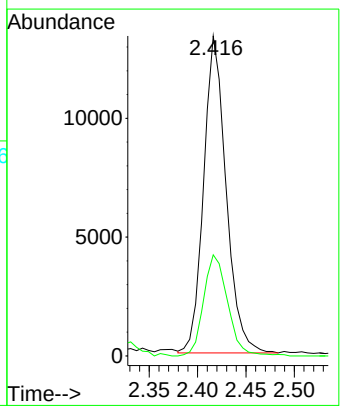
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12



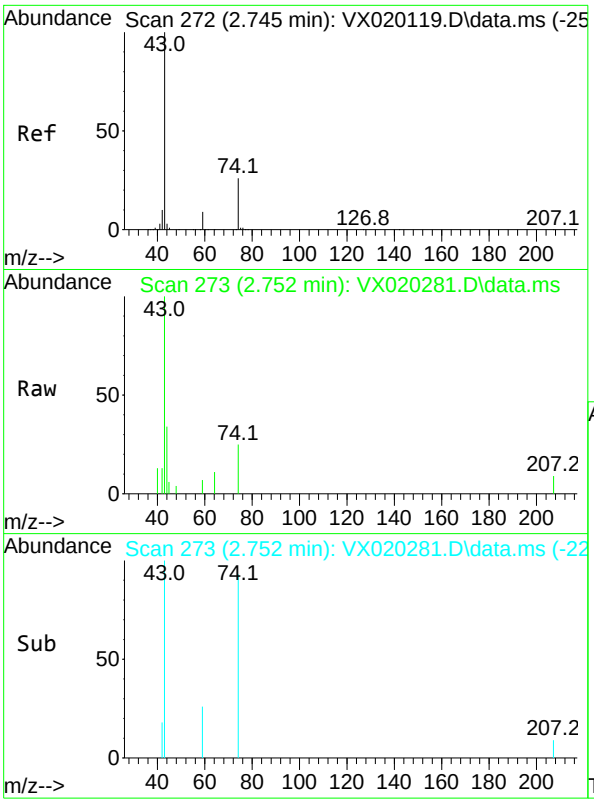
#16
Acetone
Concen: 13.95 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 43 Resp: 21565

Ion	Ratio	Lower	Upper
43	100		
58	31.9	27.8	41.8



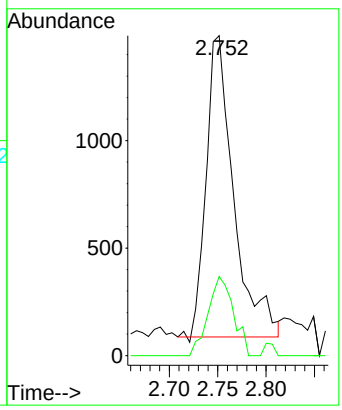
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

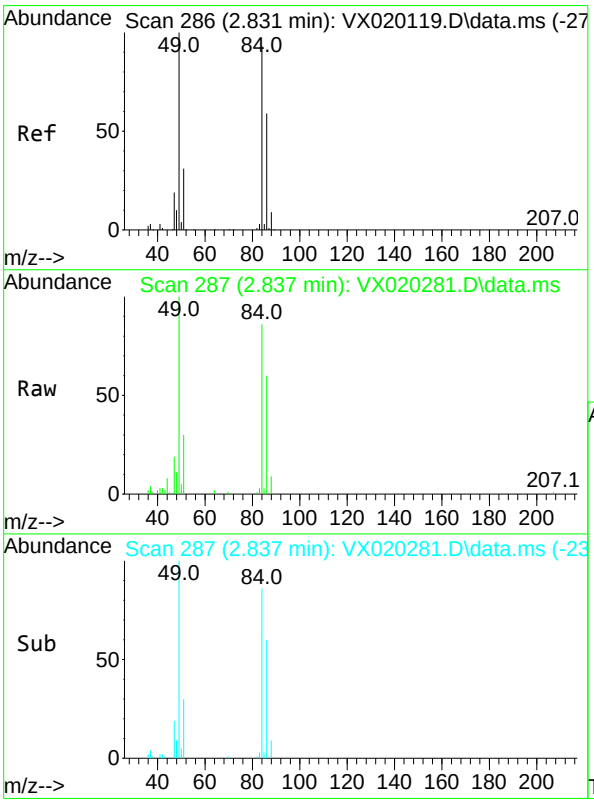


#18
Methyl Acetate
Concen: 0.81 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 43 Resp: 2779

Ion	Ratio	Lower	Upper
43	100		
74	24.0	21.9	32.9

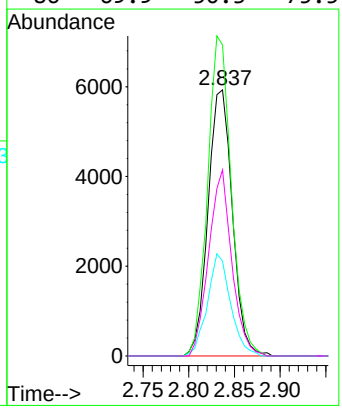


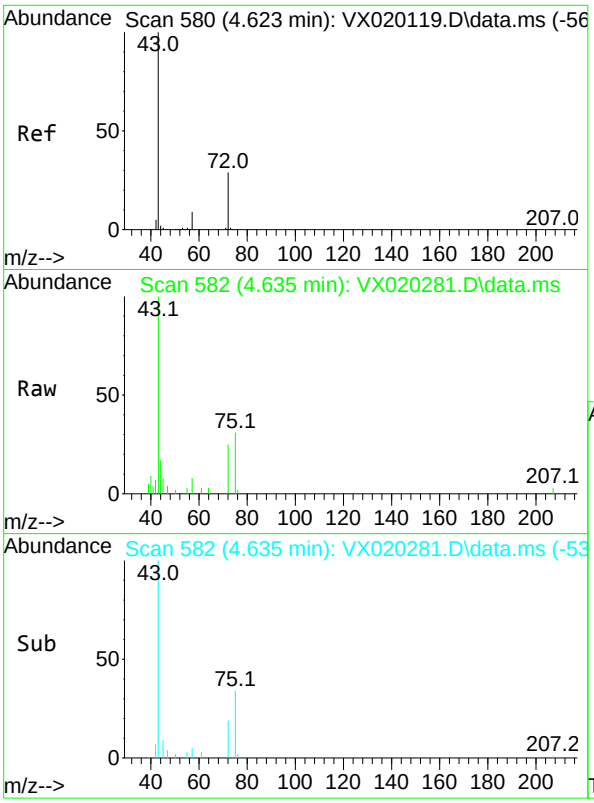


#20
Methylene Chloride
Concen: 3.15 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 84 Resp: 10978

Ion	Ratio	Lower	Upper
84	100		
49	116.9	88.6	132.8
51	35.6	27.0	40.6
86	69.9	50.3	75.5

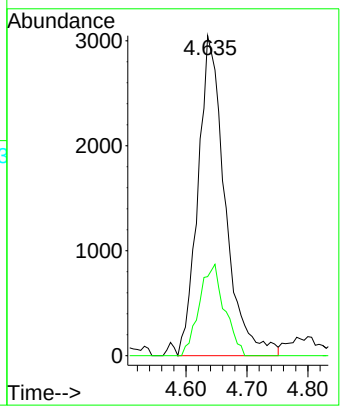




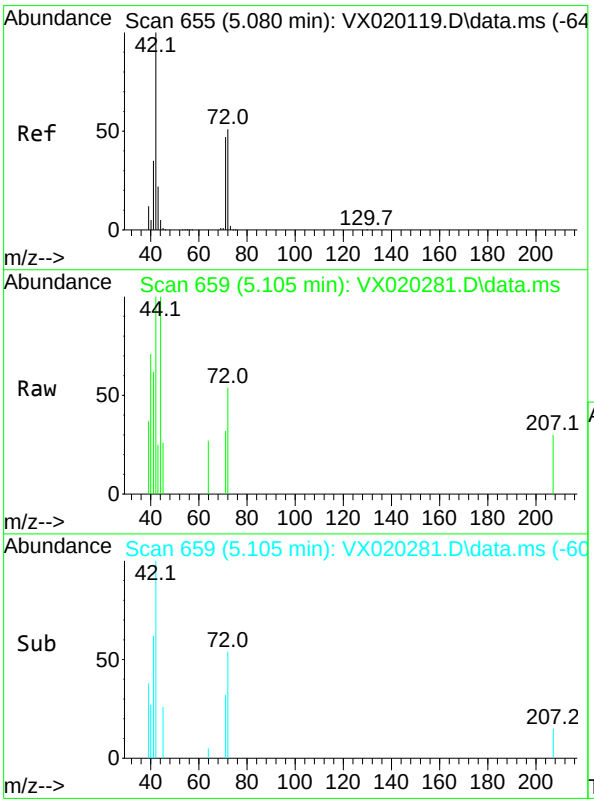
#25
2-Butanone
Concen: 4.18 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 43 Resp: 9415

Ion	Ratio	Lower	Upper
43	100		
72	24.7	23.7	35.5



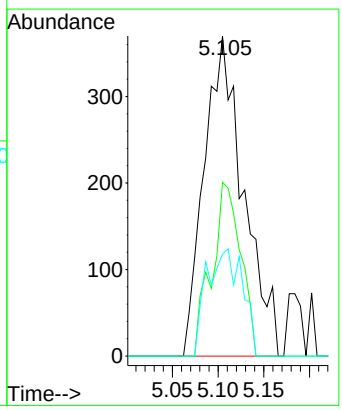
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12



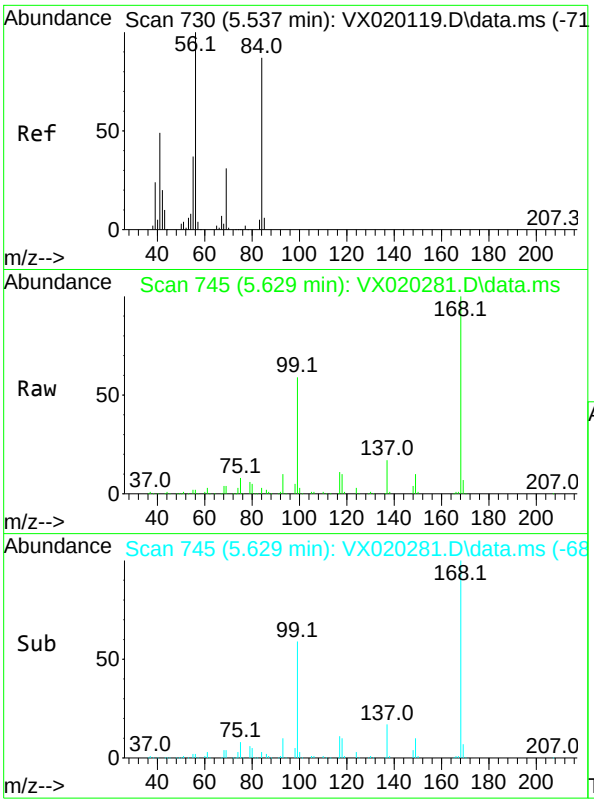
#29
Tetrahydrofuran
Concen: 0.78 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.025 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 42 Resp: 1108

Ion	Ratio	Lower	Upper
42	100		
72	39.8	41.7	62.5#
71	30.2	38.4	57.6#



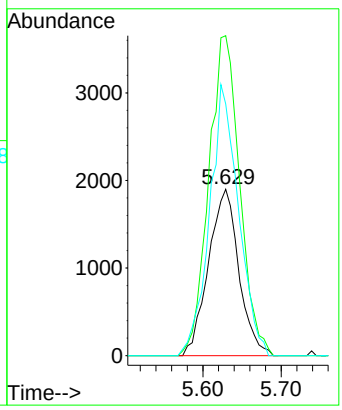
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

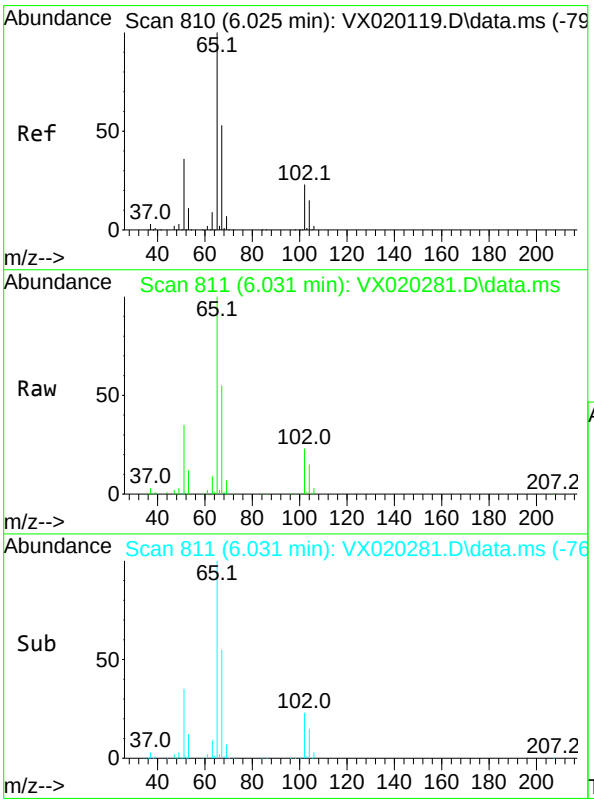


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 56 Resp: 5122

Ion	Ratio	Lower	Upper
56	100		
69	192.3	25.3	37.9#
84	151.2	71.4	107.0#

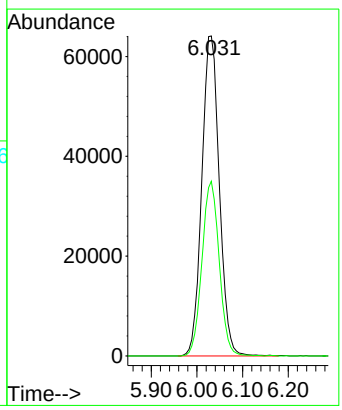




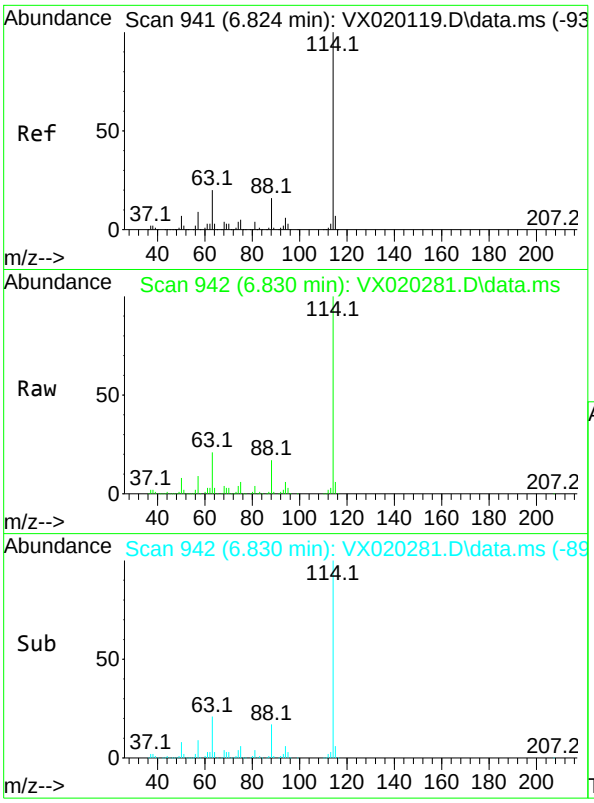
#33
1,2-Dichloroethane-d4
Concen: 50.31 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 65 Resp: 170561

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	105.4



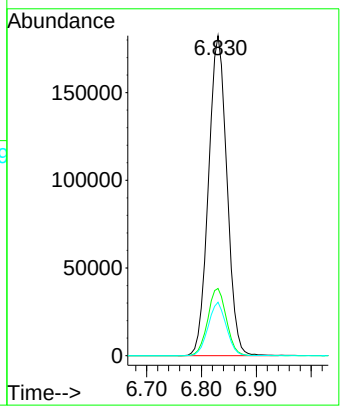
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

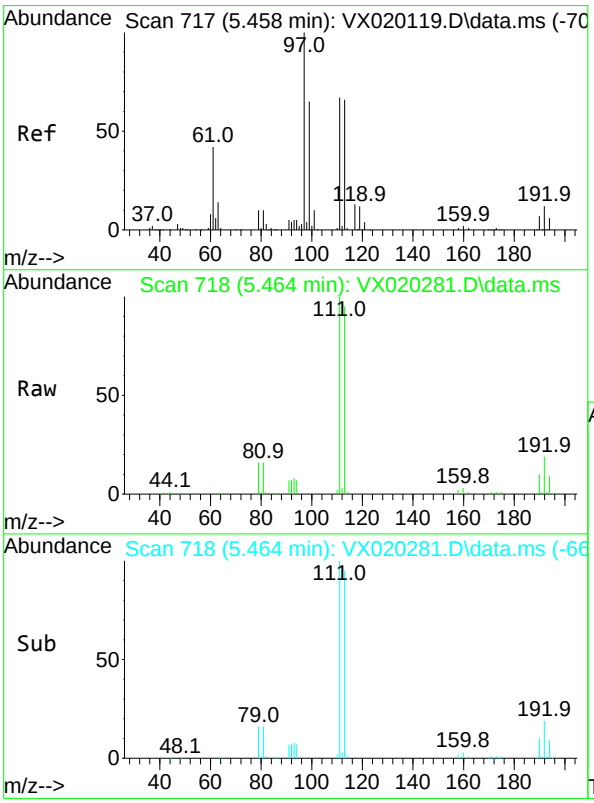


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion:114 Resp: 425000

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	16.7	0.0	32.8

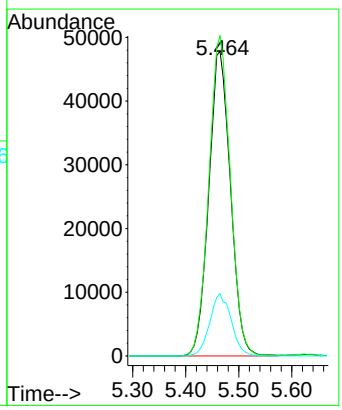




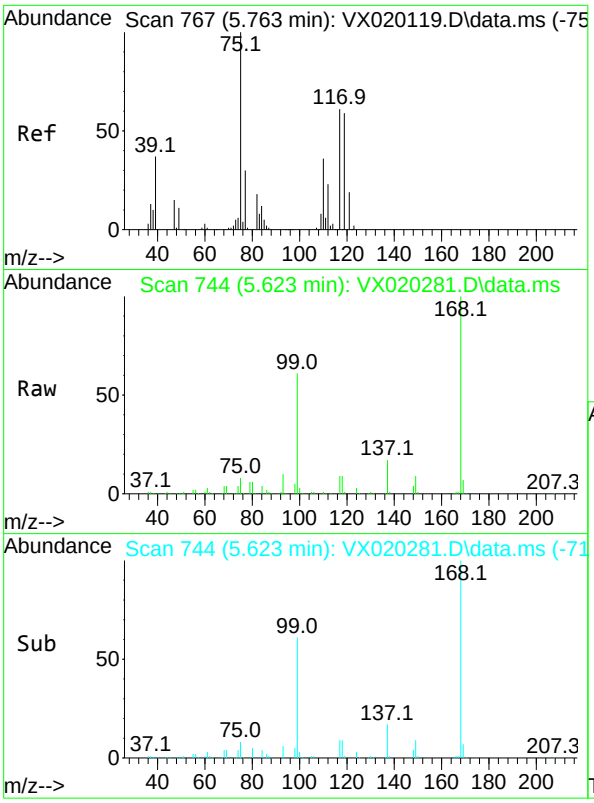
#35
Dibromofluoromethane
Concen: 49.97 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion:113 Resp: 135850

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.9	122.9
192	20.3	16.7	25.1



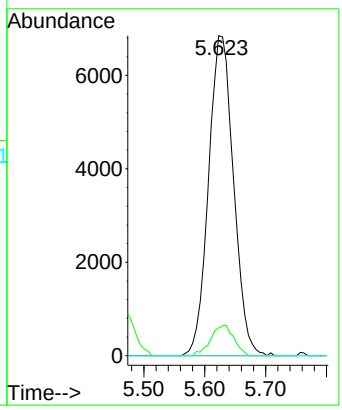
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

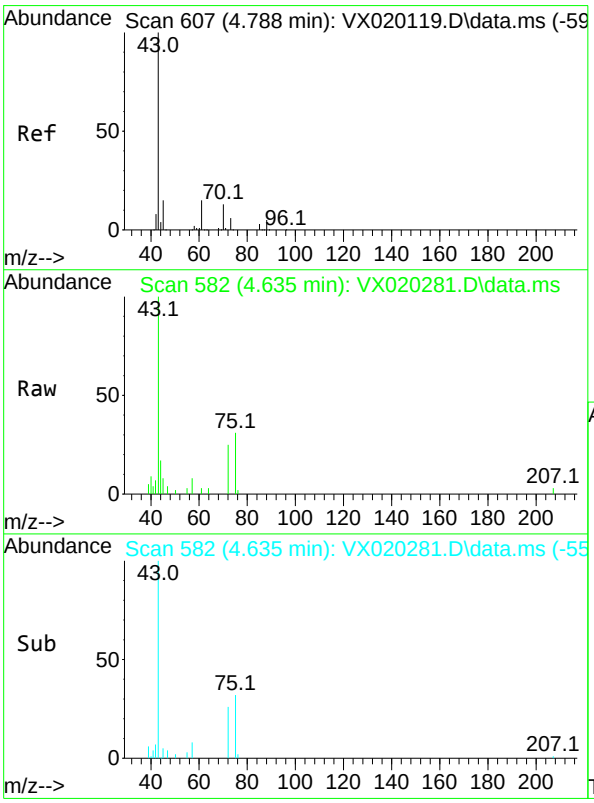


#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 75 Resp: 19545

Ion	Ratio	Lower	Upper
75	100		
110	8.8	18.1	54.4#
77	0.0	25.3	37.9#

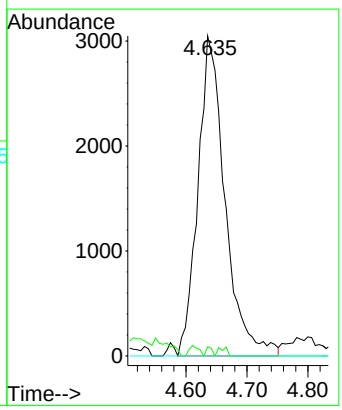




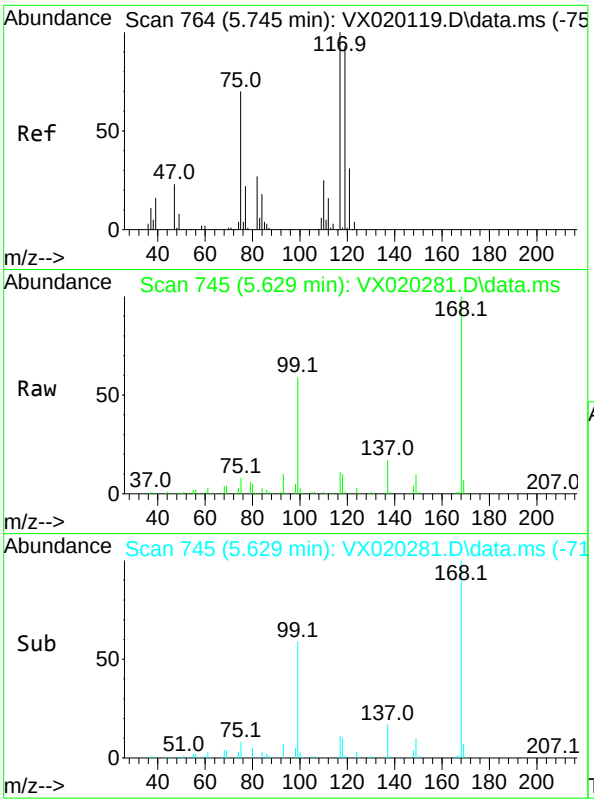
#37
Ethyl Acetate
Concen: 2.16 ug/l
RT: 4.635 min Scan# 582
Delta R.T. -0.153 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 43 Resp: 9415

Ion	Ratio	Lower	Upper
43	100		
61	0.6	12.8	19.2#
70	0.0	10.5	15.7#



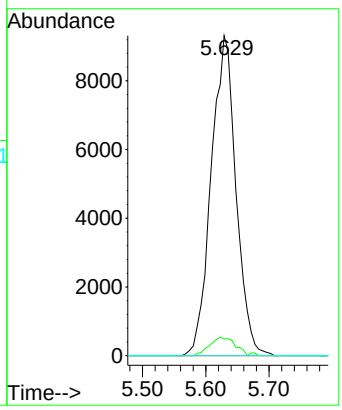
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

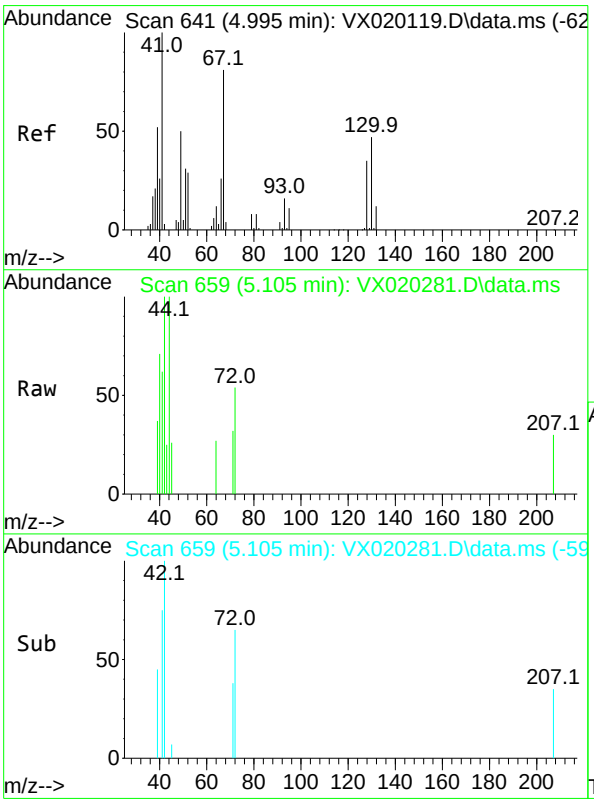


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion:117 Resp: 25351

Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.2	114.2#
121	0.0	24.8	37.2#

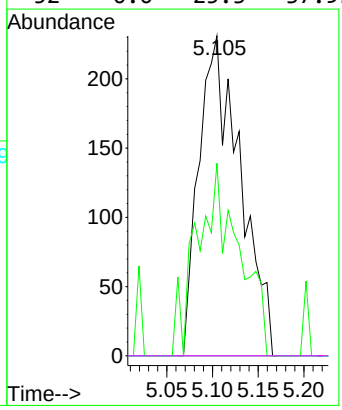




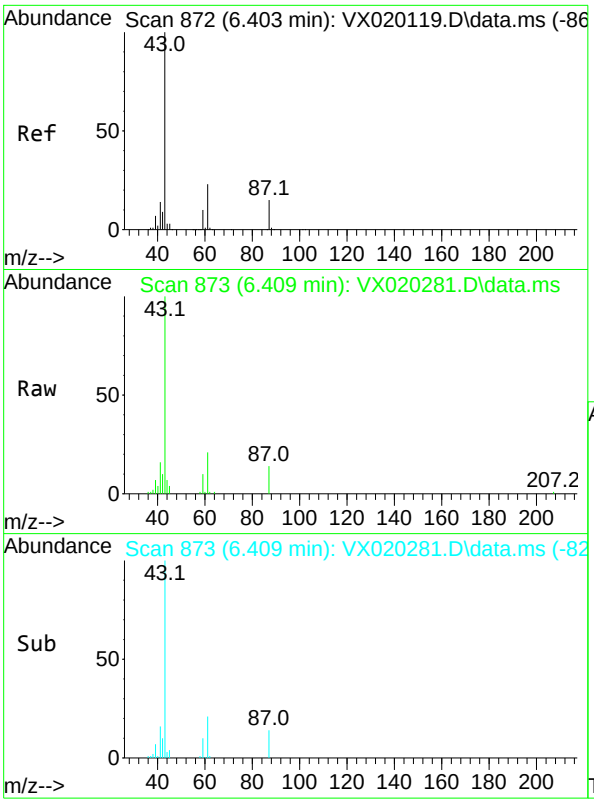
#41
Methacrylonitrile
Concen: 0.31 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.110 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 41 Resp: 724

Ion	Ratio	Lower	Upper
41	100		
39	45.6	42.5	63.7
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



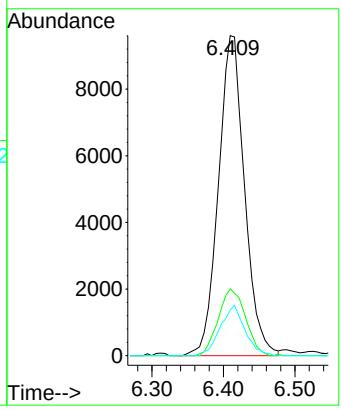
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

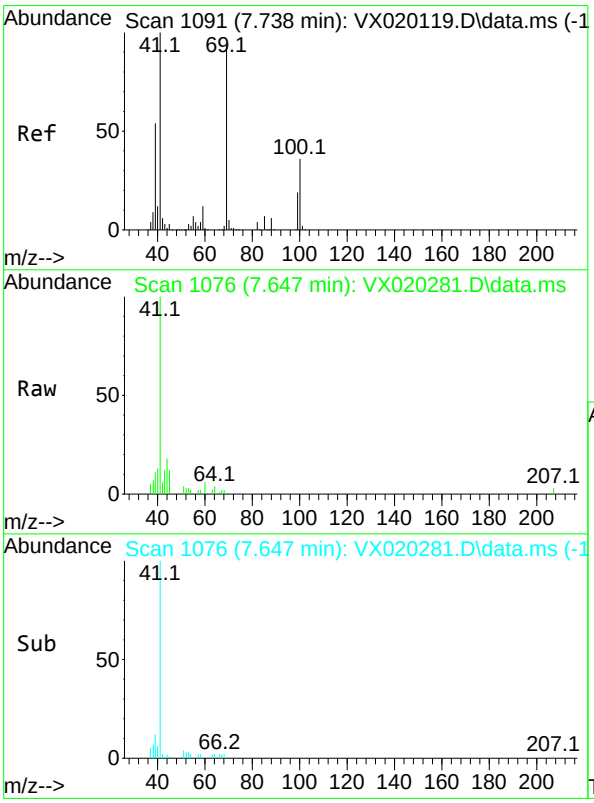


#43
Isopropyl Acetate
Concen: 3.54 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 43 Resp: 24381

Ion	Ratio	Lower	Upper
43	100		
61	21.7	18.2	27.4
87	14.8	12.5	18.7

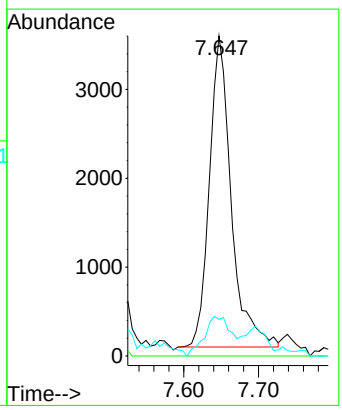




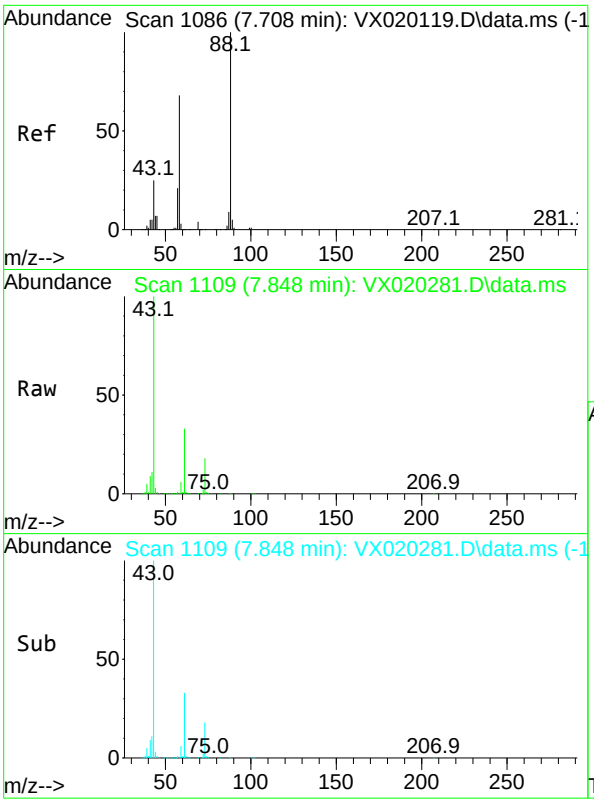
#48
Methyl methacrylate
Concen: 2.11 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 41 Resp: 7115

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



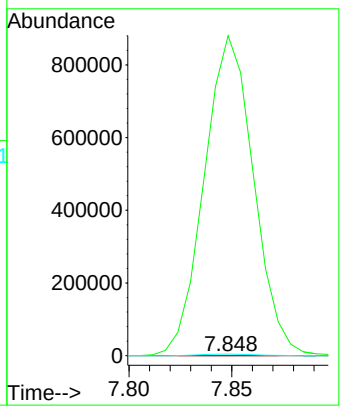
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

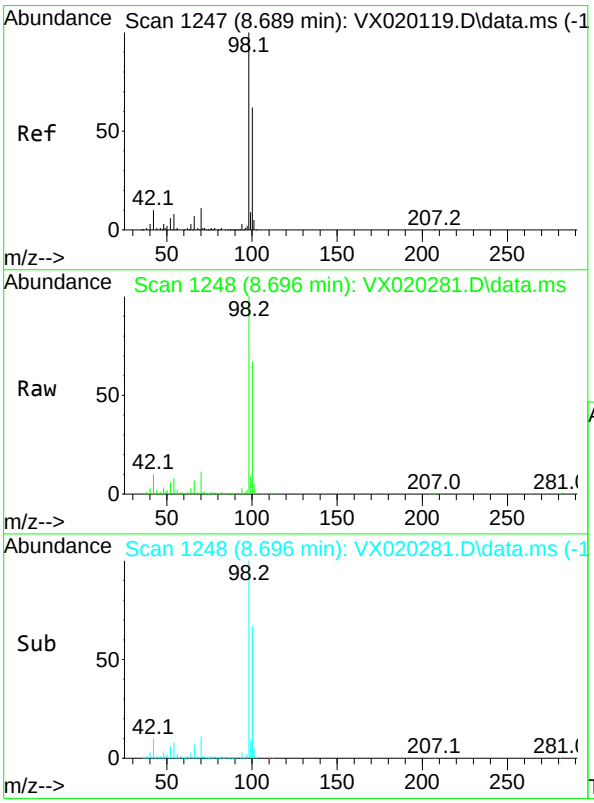


#49
1,4-Dioxane
Concen: 2.93 ug/l
RT: 7.848 min Scan# 1109
Delta R.T. 0.140 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 88 Resp: 232

Ion	Ratio	Lower	Upper
88	100		
43	638098.3	23.2	34.8#
58	3603.4	55.0	82.4#

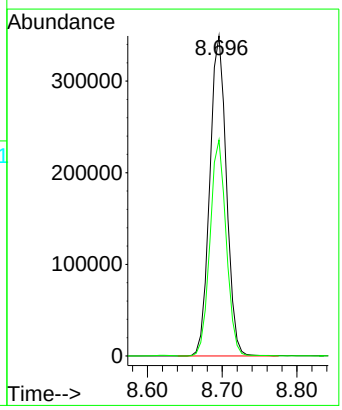




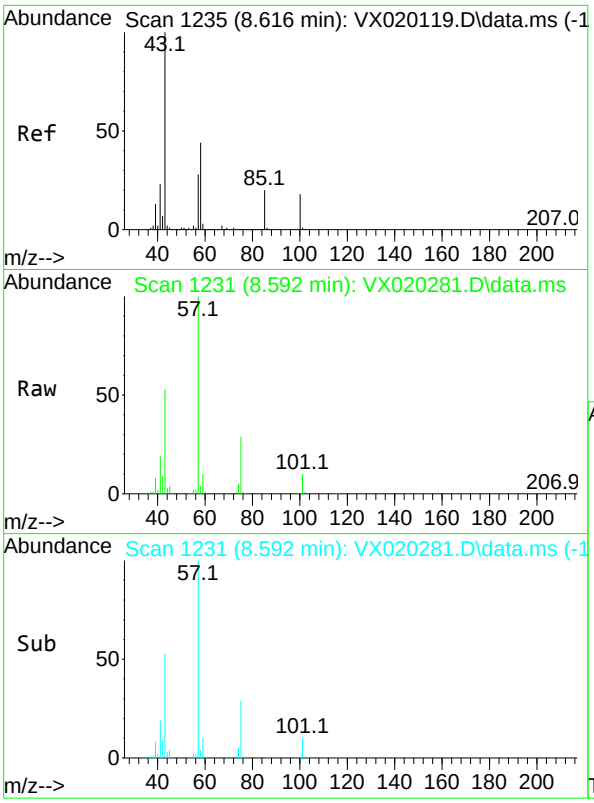
#50
Toluene-d8
Concen: 51.71 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 98 Resp: 541156

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.9	77.9



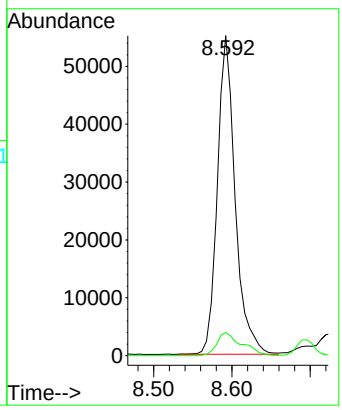
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

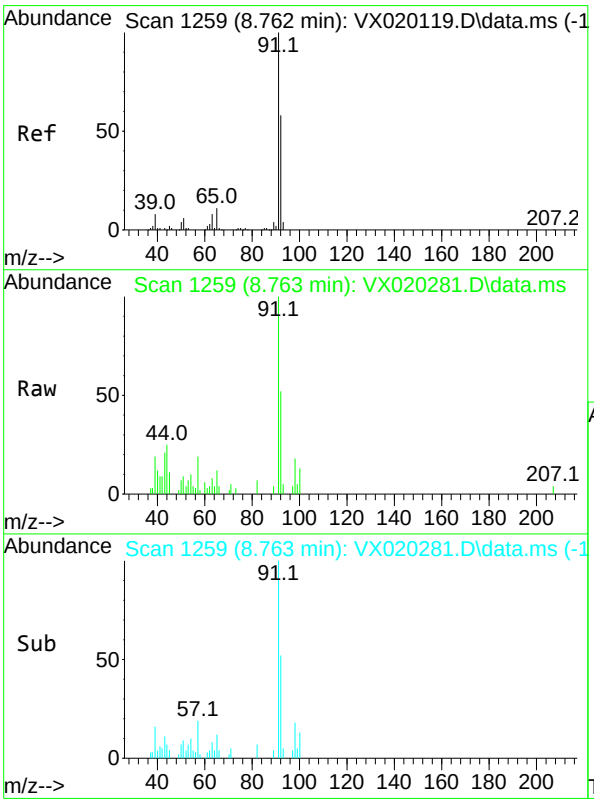


#51
4-Methyl-2-Pentanone
Concen: 20.43 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 43 Resp: 87158

Ion	Ratio	Lower	Upper
43	100		
58	10.2	35.4	53.0#

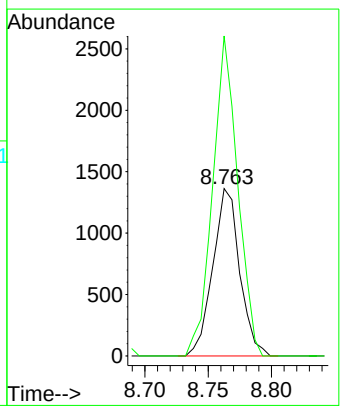




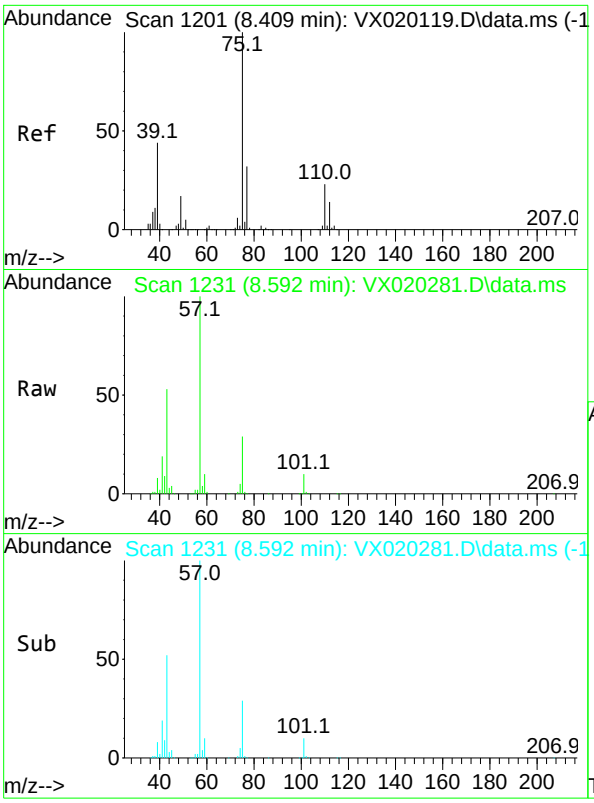
#52
Toluene
Concen: 0.25 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 92 Resp: 2010

Ion	Ratio	Lower	Upper
92	100		
91	178.5	137.1	205.7



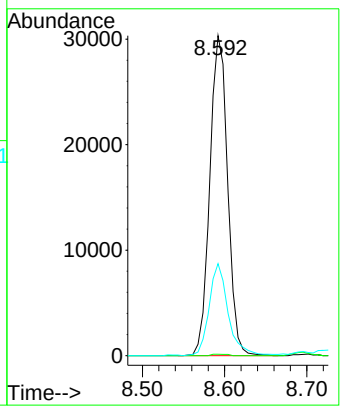
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

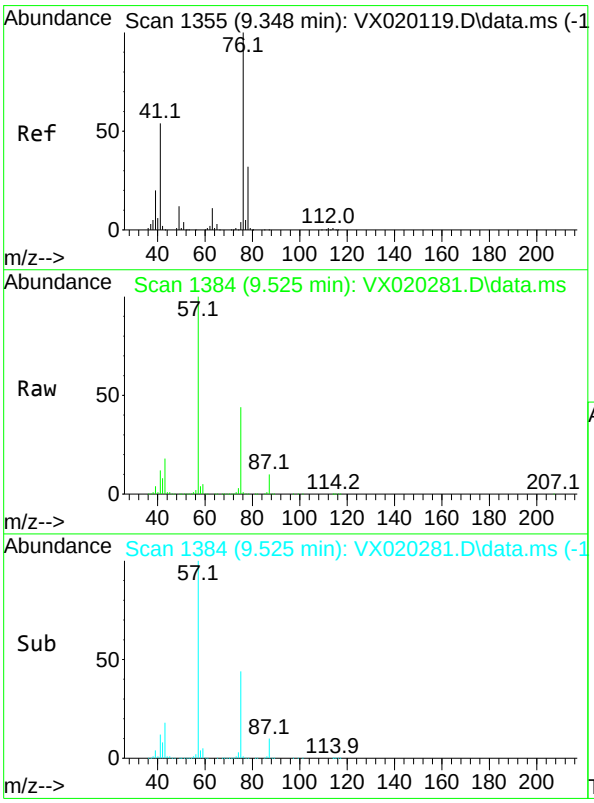


#54
cis-1,3-Dichloropropene
Concen: 8.77 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 75 Resp: 45661

Ion	Ratio	Lower	Upper
75	100		
77	0.5	25.7	38.5#
39	28.6	35.1	52.7#

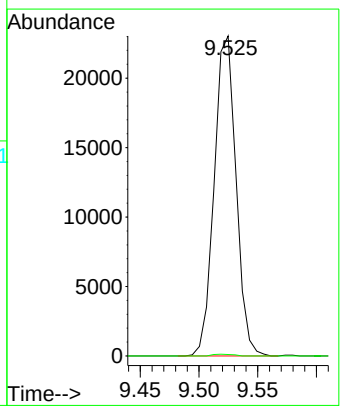




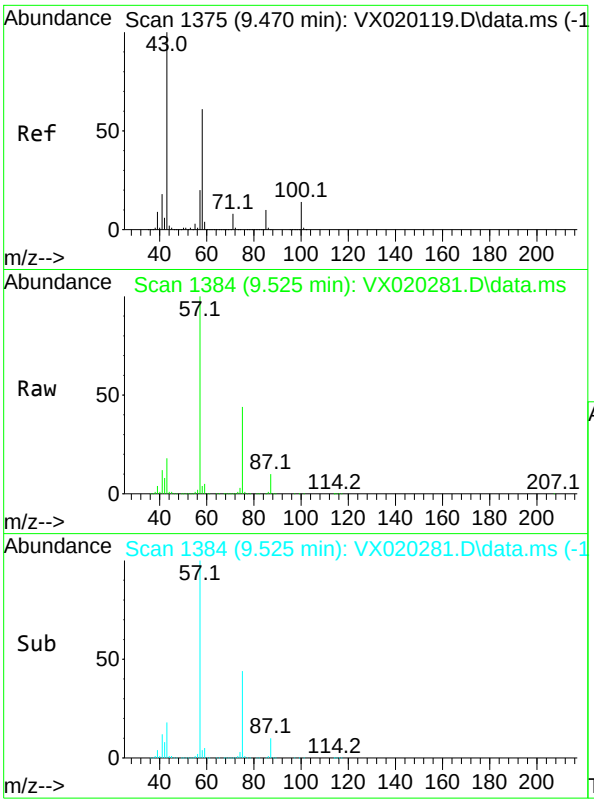
#57
1,3-Dichloropropane
Concen: 5.32 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 76 Resp: 29809

Ion	Ratio	Lower	Upper
76	100		
78	0.5	26.2	39.2#



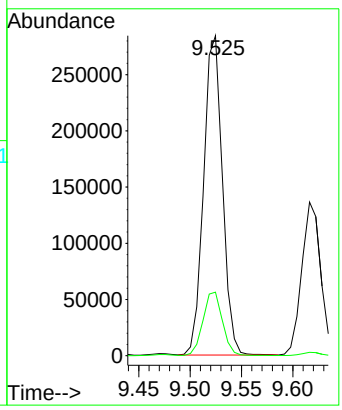
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

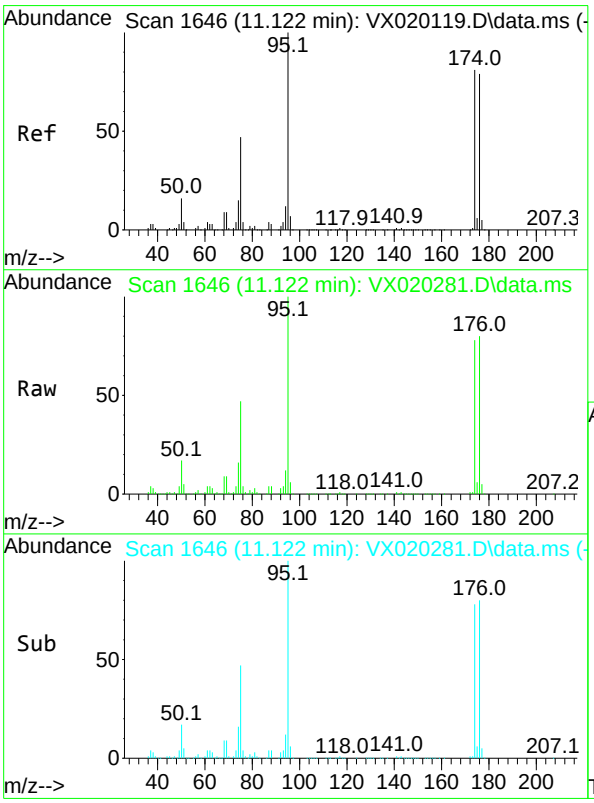


#59
2-Hexanone
Concen: 111.55 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 43 Resp: 362666

Ion	Ratio	Lower	Upper
43	100		
58	20.5	30.9	92.8#

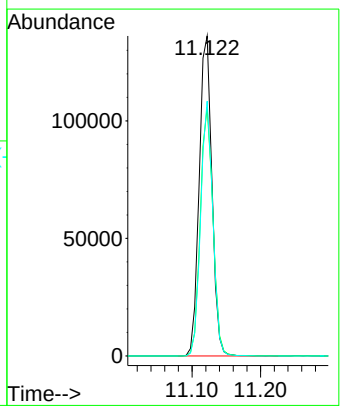




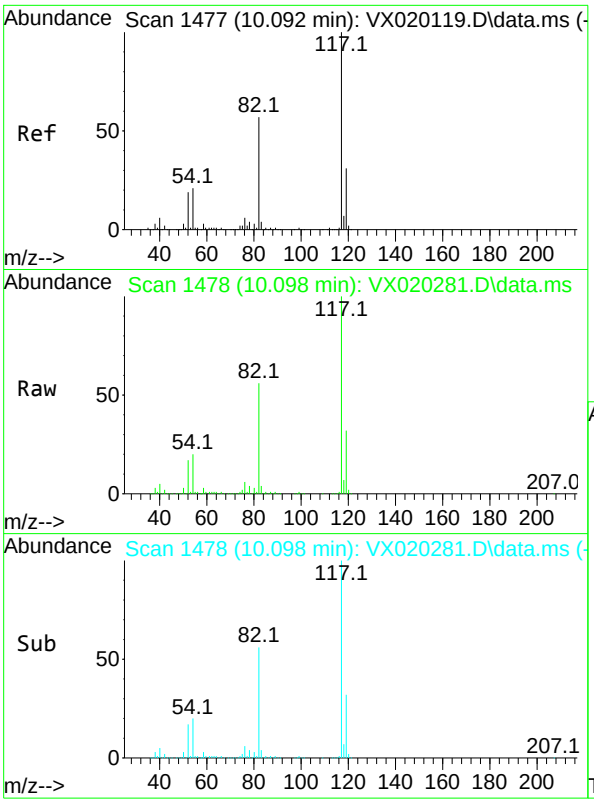
#62
4-Bromofluorobenzene
Concen: 43.89 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 95 Resp: 175791

Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	154.6
176	76.4	0.0	155.8



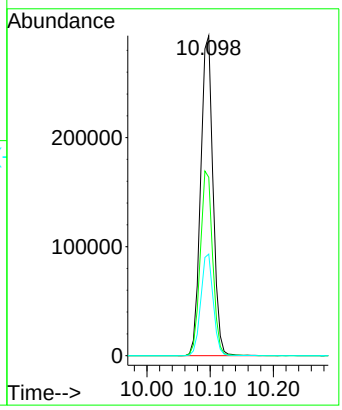
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

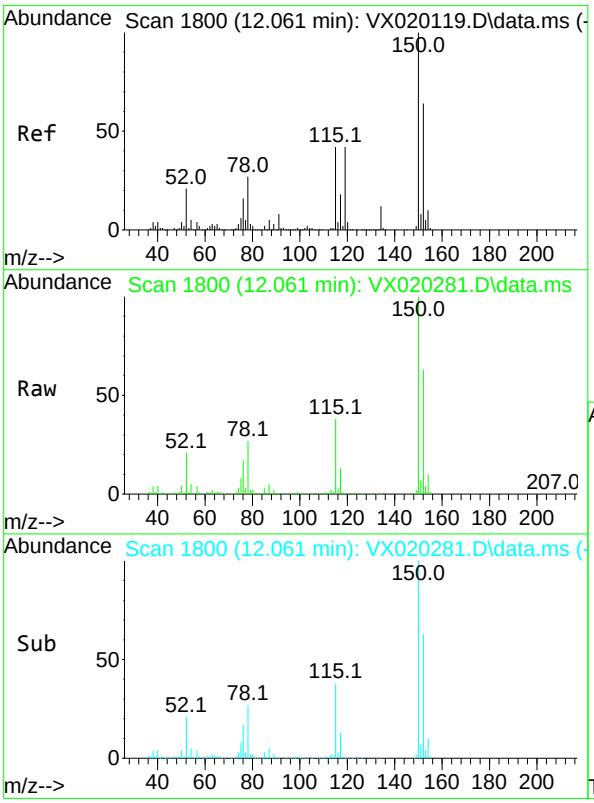


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion:117 Resp: 399240

Ion	Ratio	Lower	Upper
117	100		
82	55.7	47.4	71.2
119	31.7	26.6	39.8

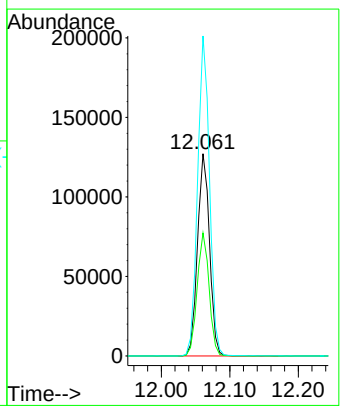




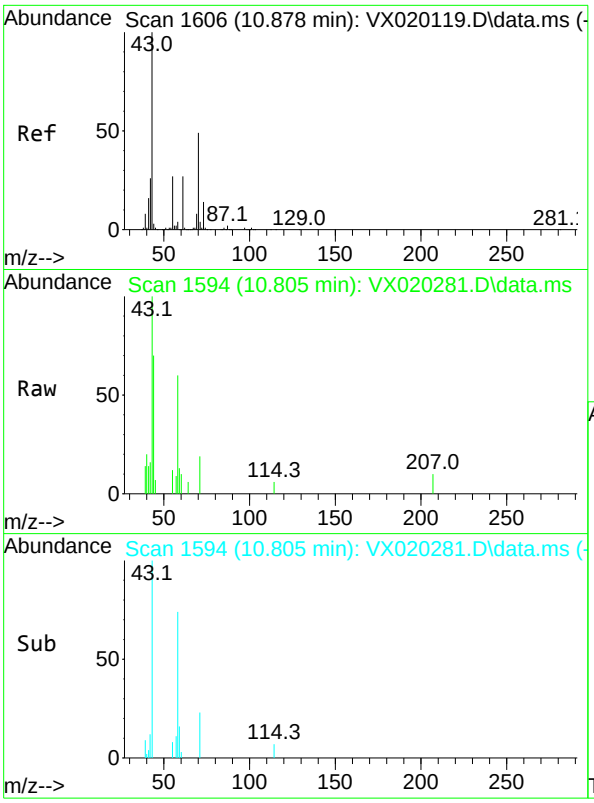
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion:152 Resp: 155231

Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.1	123.3
150	156.2	0.0	349.0



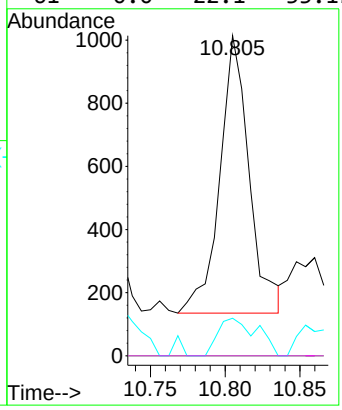
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

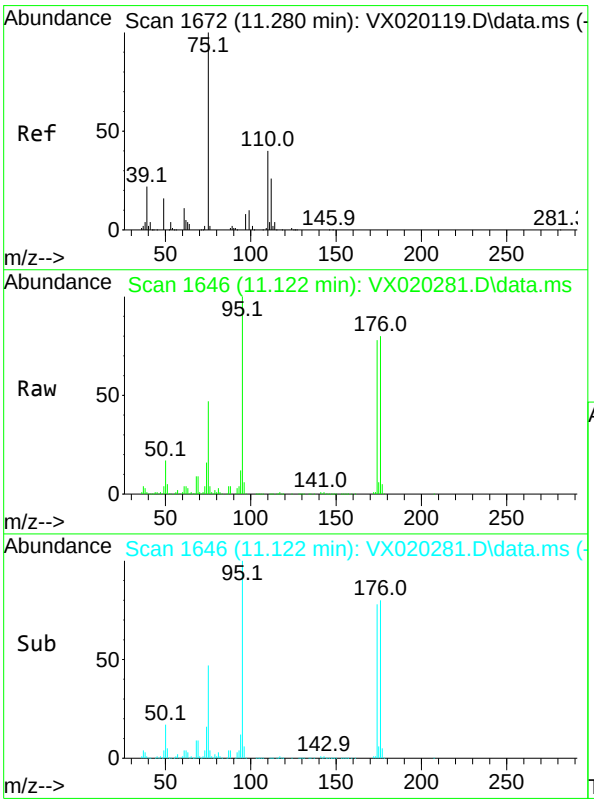


#74
N-amyl acetate
Concen: 0.27 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.073 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 43 Resp: 1204

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.0	58.6#
55	17.9	21.5	32.3#
61	0.0	22.1	33.1#

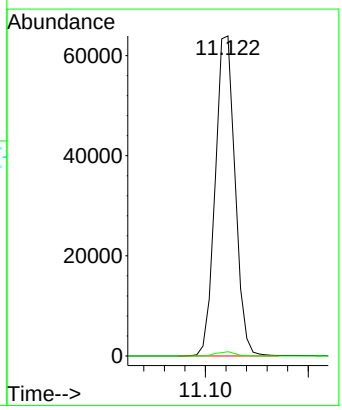




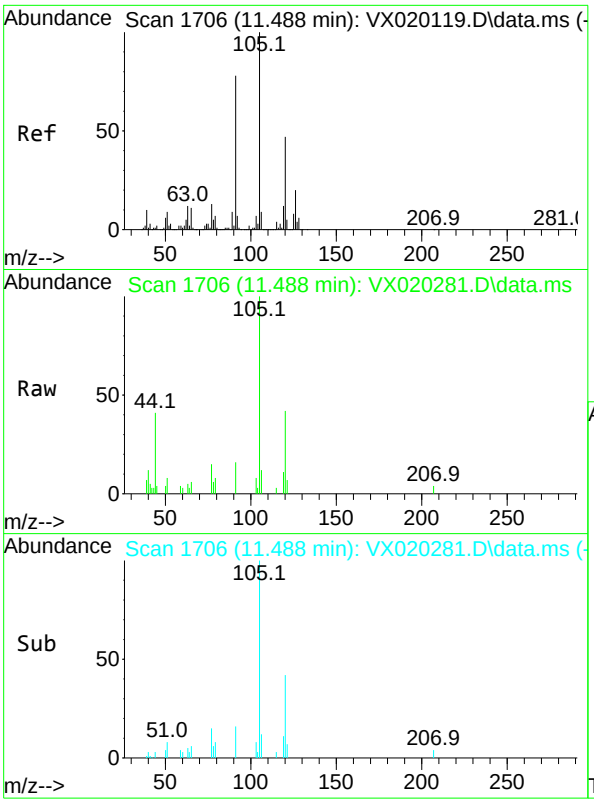
#76
1,2,3-Trichloropropane
Concen: 22.37 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 75 Resp: 85519

Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#



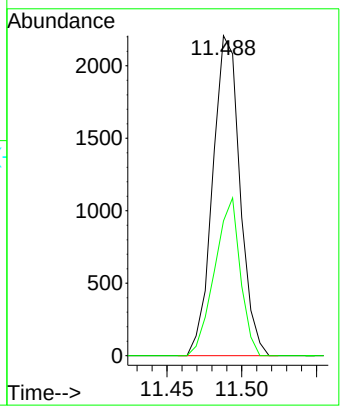
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#12

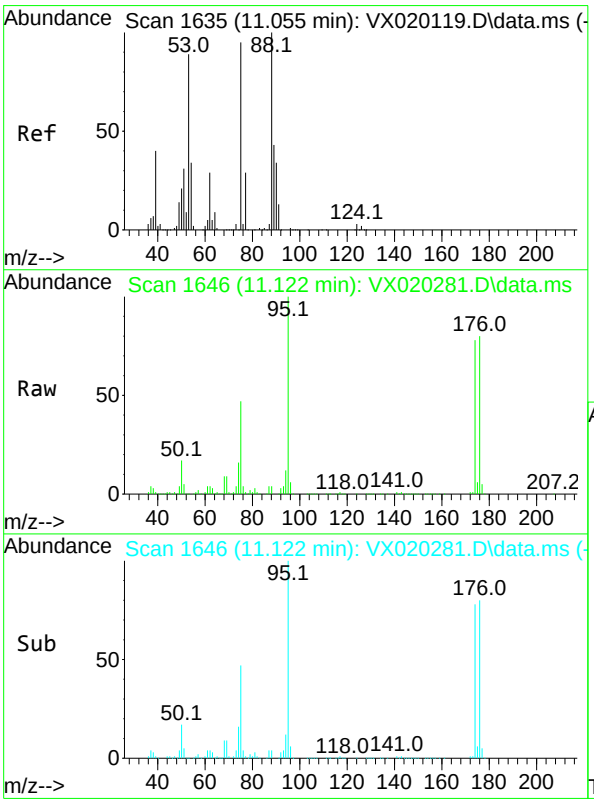


#80
1,3,5-Trimethylbenzene
Concen: 0.29 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion:105 Resp: 2799

Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.8	71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 66.35 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020281.D
Acq: 22 Dec 2020 04:06

Tgt Ion: 75 Resp: 85519

Ion	Ratio	Lower	Upper
75	100		
53	0.2	74.5	111.7#
89	0.0	37.9	56.9#