Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
Data File : VX020271.D
Acq On : 22 Dec 2020 00:12
Operator : JC/MD
Sample : PB133709ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133709ZHE#02

Quant Time: Dec 22 05:15:28 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	5.629	168	256040	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	430177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	413334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	171447	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	172220	50.18	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.36%			
35) Dibromofluoromethane	5.464	113	137478	49.96	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.92%			
50) Toluene-d8	8.696	98	543670	51.33	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.66%			
62) 4-Bromofluorobenzene	11.122	95	189509	46.75	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.50%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	1198	0.37	ug/l #	83
5) Bromomethane	1.630	94	770	0.68	ug/l	92
6) Chloroethane	1.611	64	565	0.26	ug/l #	43
10) Methyl Iodide	2.495	142	402	3.39	ug/l #	90
11) Tert butyl alcohol	2.995	59	7313	9.52	ug/l #	82
13) Acrolein	2.282	56	123	0.26	ug/l #	1
16) Acetone	2.416	43	18740	11.97	ug/l	99
18) Methyl Acetate	2.745	43	2901	0.83	ug/l	92
20) Methylene Chloride	2.831	84	10348	2.93	ug/l	98
25) 2-Butanone	4.641	43	7137	3.13	ug/l	98
29) Tetrahydrofuran	5.093	42	953	0.67	ug/l #	37
31) Cyclohexane	5.629	56	5341	1.13	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20158	4.74	ug/l #	48
38) Carbon Tetrachloride	5.629	117	25559	6.32	ug/l #	18
43) Isopropyl Acetate	6.409	43	24799	3.56	ug/l	98
48) Methyl methacrylate	7.653	41	7012	2.05	ug/l #	10
49) 1,4-Dioxane	7.842	88	220	2.75	ug/l #	1
51) 4-Methyl-2-Pentanone	8.592	43	88888	20.58	ug/l #	47
54) cis-1,3-Dichloropropene	8.592	75	46248	8.78	ug/l #	61
57) 1,3-Dichloropropane	9.525	76	29893	5.27	ug/l #	43
59) 2-Hexanone	9.525	43	361666	109.91	ug/l #	46
76) 1,2,3-Trichloropropane	11.122	75	92015	21.79	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.488	105	2146	0.20	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.122	75	92015	64.64	ug/l #	12
94) Hexachlorobutadiene	13.762	225	55	2.68	ug/l #	39

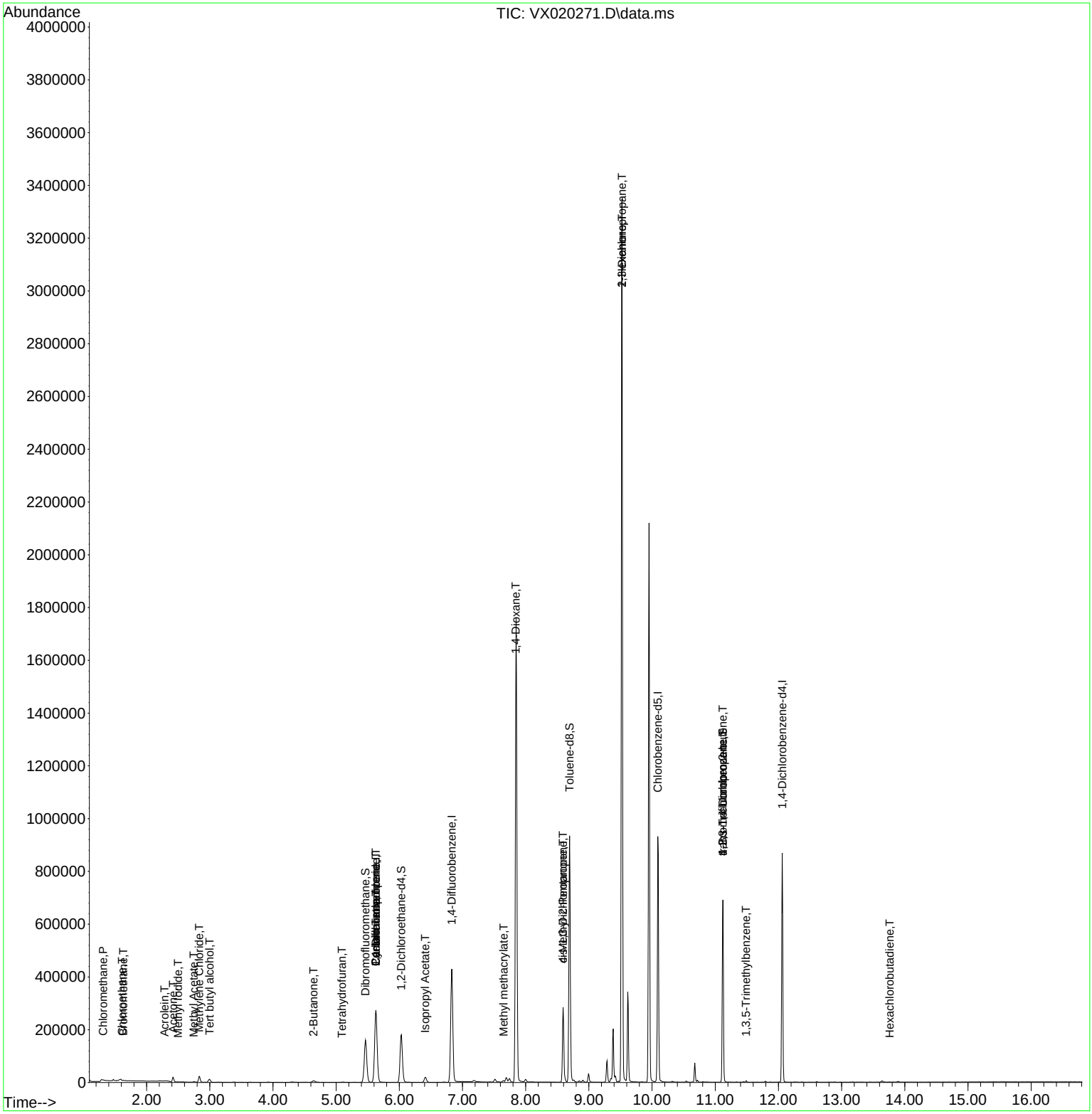
(#) = qualifier out of range (m) = manual integration (+) = signals summed

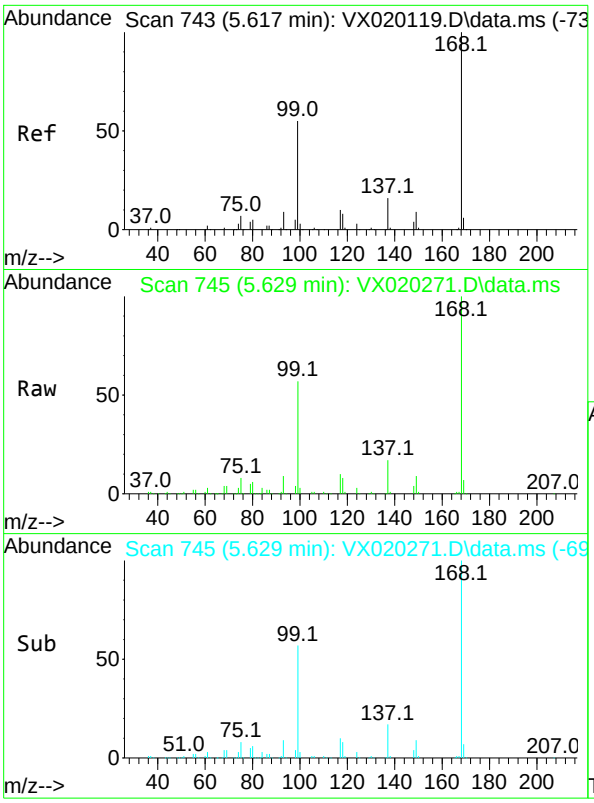
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
Data File : VX020271.D
Acq On : 22 Dec 2020 00:12
Operator : JC/MD
Sample : PB133709ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

Quant Time: Dec 22 05:15:28 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

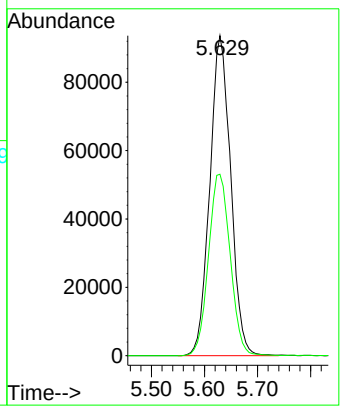




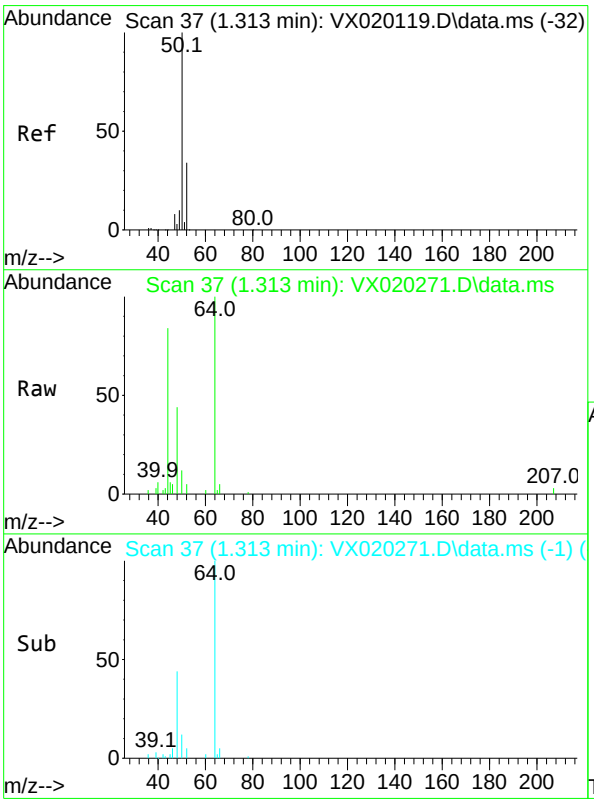
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion:168 Resp: 256040

Ion	Ratio	Lower	Upper
168	100		
99	56.7	45.8	68.6



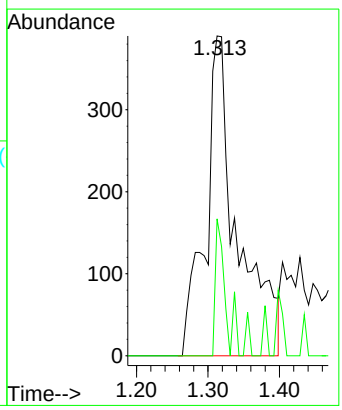
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

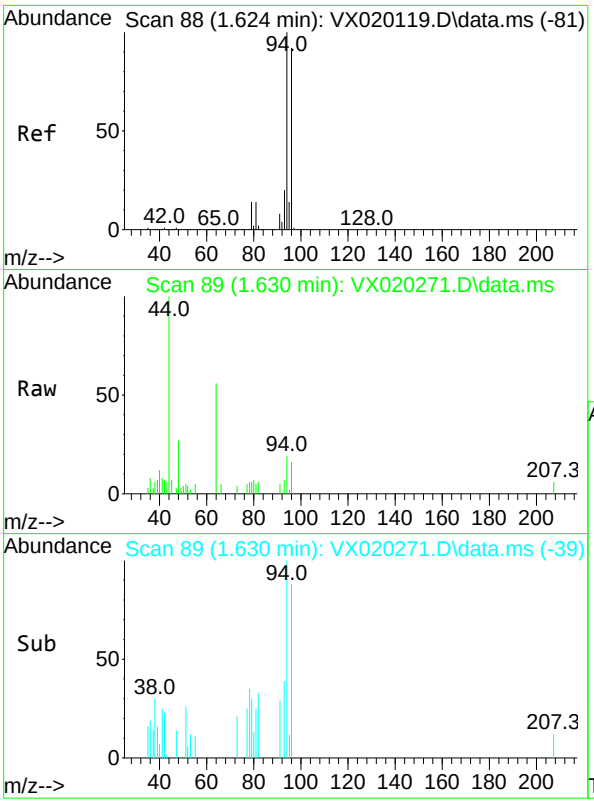


#3
Chloromethane
Concen: 0.37 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 50 Resp: 1198

Ion	Ratio	Lower	Upper
50	100		
52	42.8	26.4	39.6#

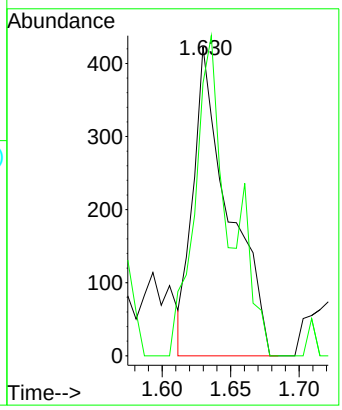




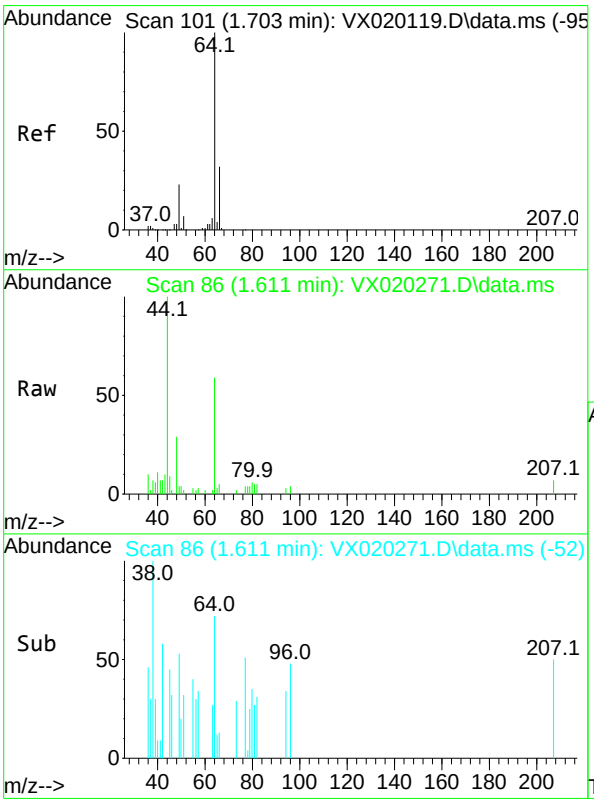
#5
Bromomethane
Concen: 0.68 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 94 Resp: 770

Ion	Ratio	Lower	Upper
94	100		
96	88.2	76.4	114.6



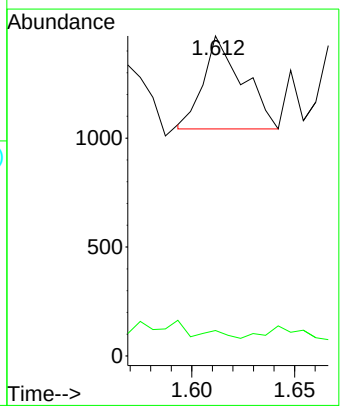
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02



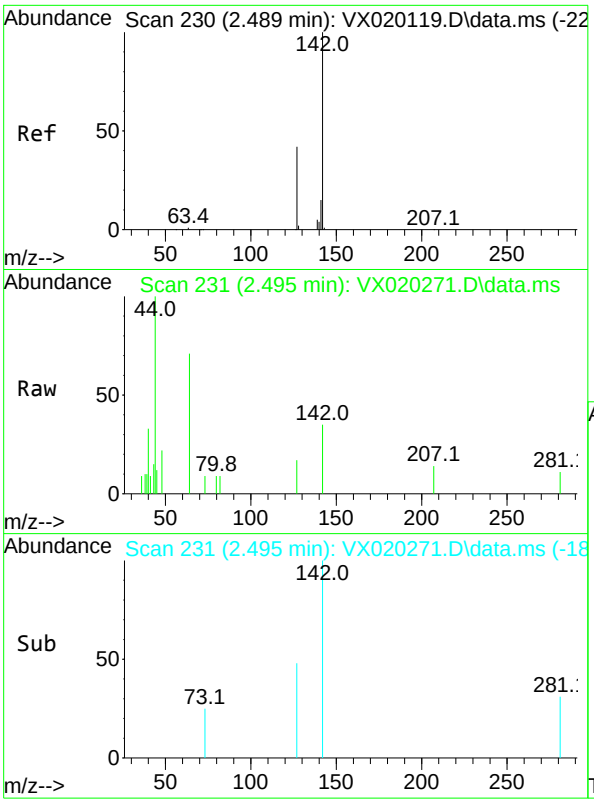
#6
Chloroethane
Concen: 0.26 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.092 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 64 Resp: 565

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.4	38.0#



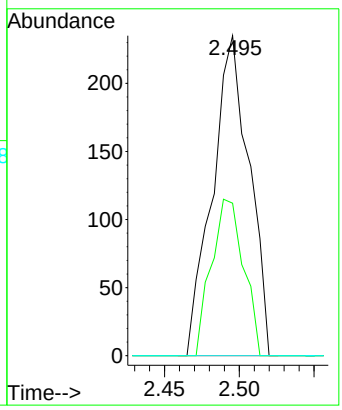
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

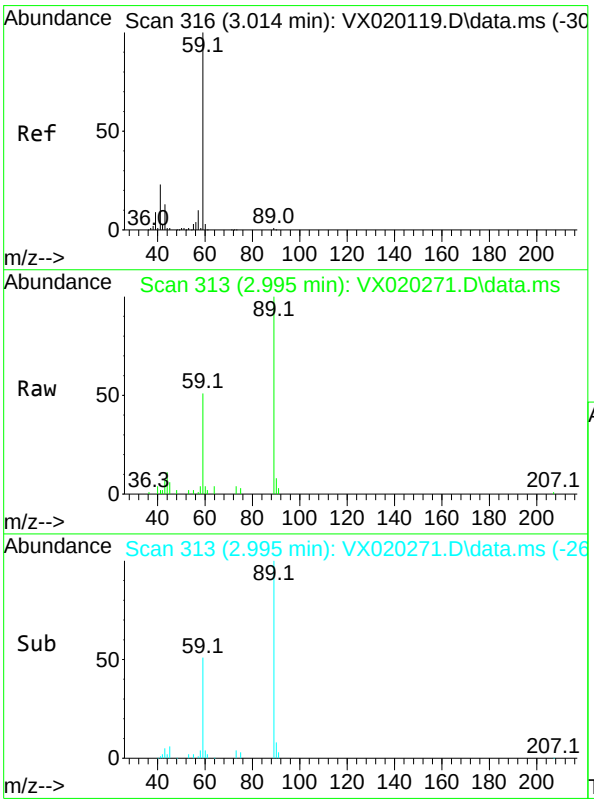


#10
Methyl Iodide
Concen: 3.39 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion:142 Resp: 402

Ion	Ratio	Lower	Upper
142	100		
127	42.8	33.3	49.9
141	0.0	11.4	17.0#

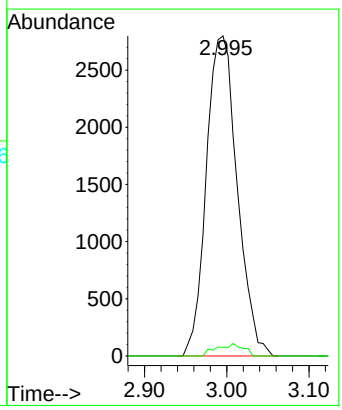




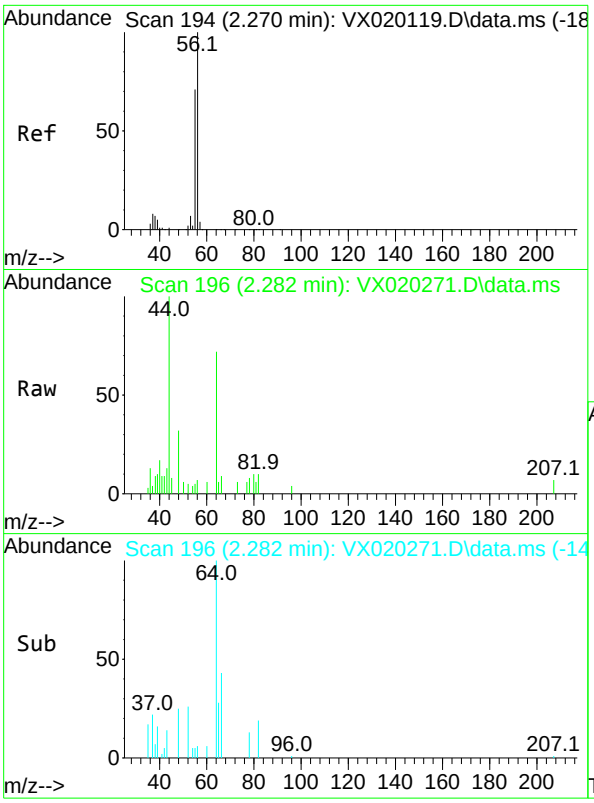
#11
Tert butyl alcohol
Concen: 9.52 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 59 Resp: 7313

Ion	Ratio	Lower	Upper
59	100		
57	3.3	7.8	11.8#



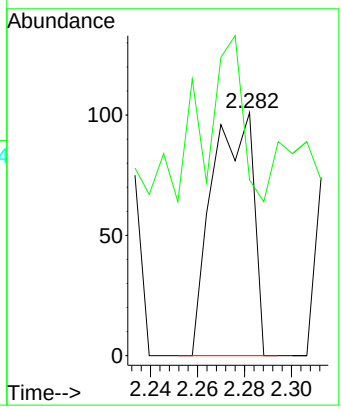
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

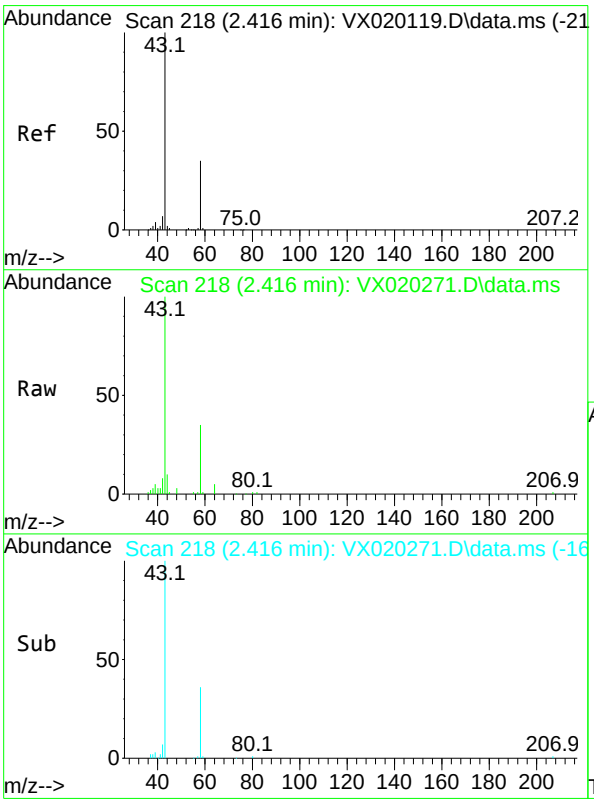


#13
Acrolein
Concen: 0.26 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 56 Resp: 123

Ion	Ratio	Lower	Upper
56	100		
55	260.2	56.4	84.6#

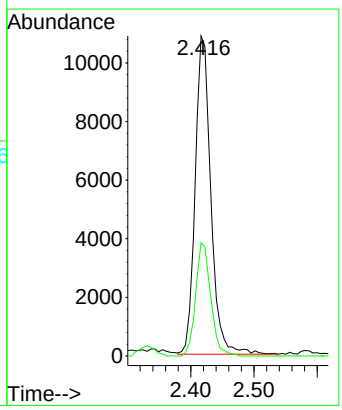




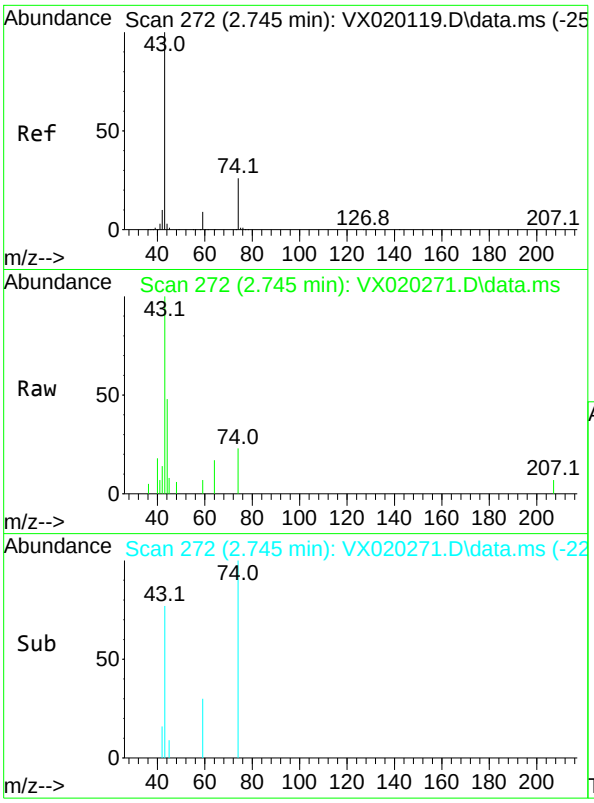
#16
Acetone
Concen: 11.97 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 43 Resp: 18740

Ion	Ratio	Lower	Upper
43	100		
58	35.6	27.8	41.8



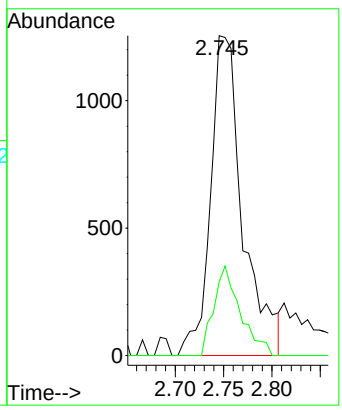
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

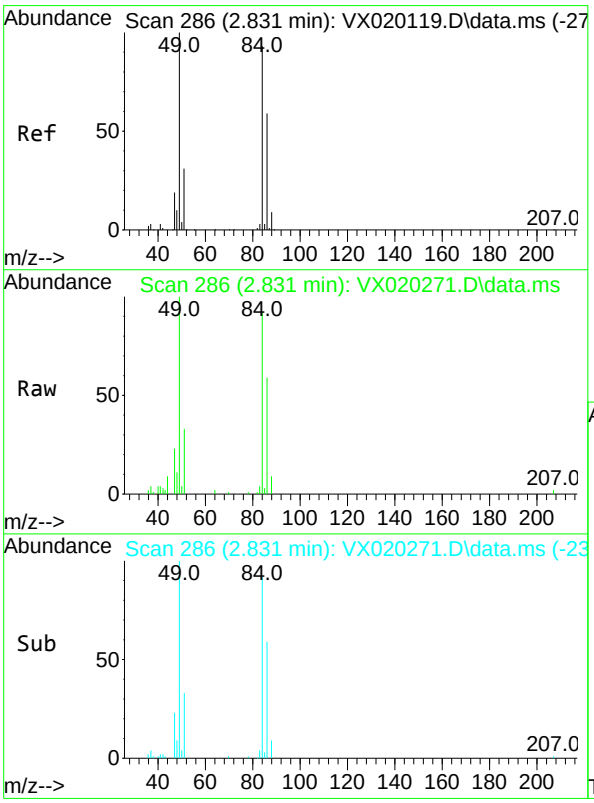


#18
Methyl Acetate
Concen: 0.83 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 43 Resp: 2901

Ion	Ratio	Lower	Upper
43	100		
74	23.1	21.9	32.9

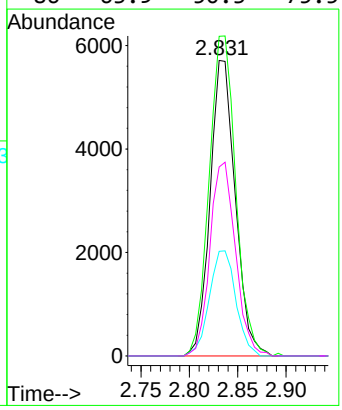


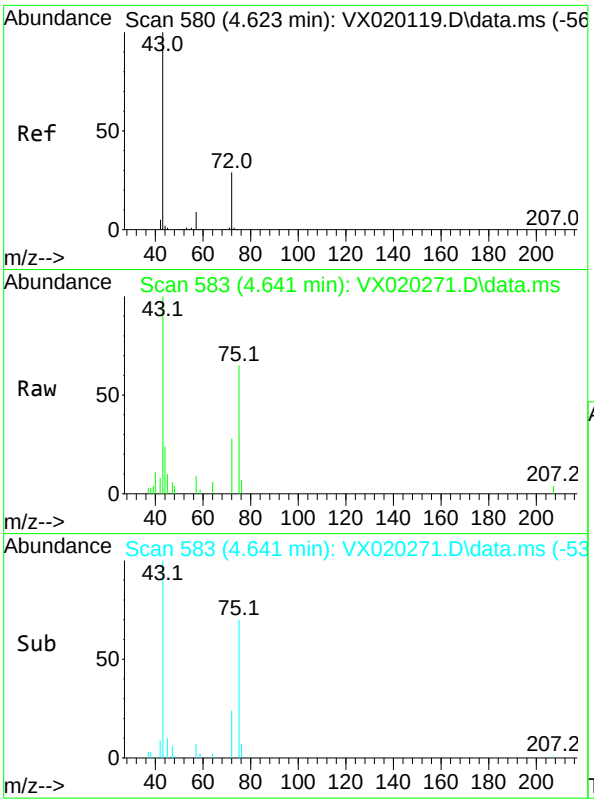


#20
Methylene Chloride
Concen: 2.93 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 84 Resp: 10348

Ion	Ratio	Lower	Upper
84	100		
49	108.2	88.6	132.8
51	35.4	27.0	40.6
86	63.9	50.3	75.5

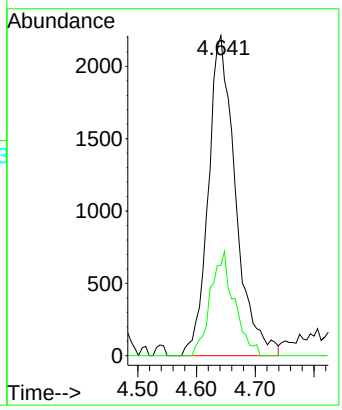




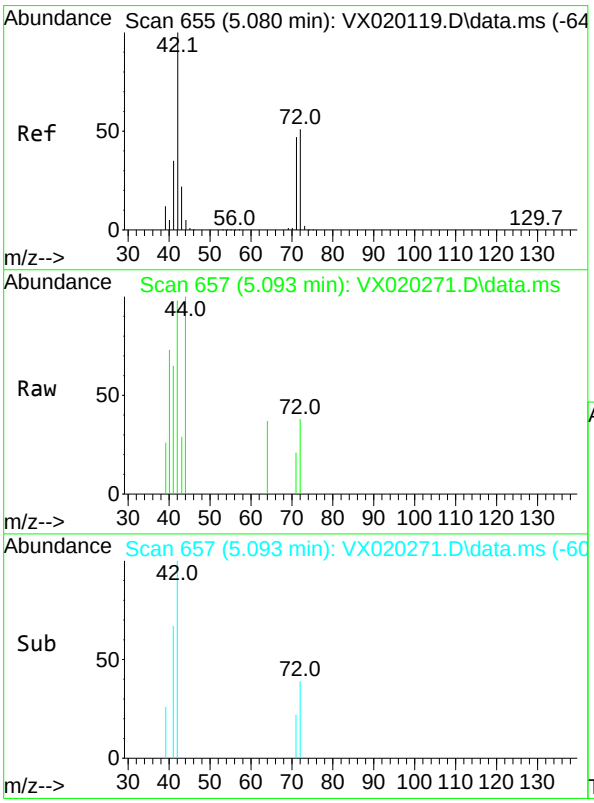
#25
2-Butanone
Concen: 3.13 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 43 Resp: 7137

Ion	Ratio	Lower	Upper
43	100		
72	28.3	23.7	35.5



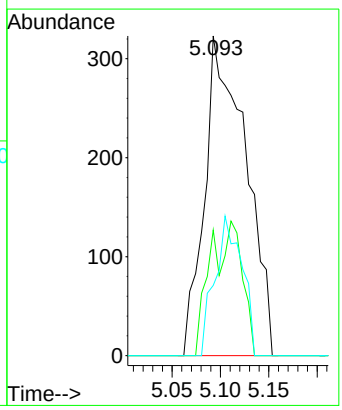
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02



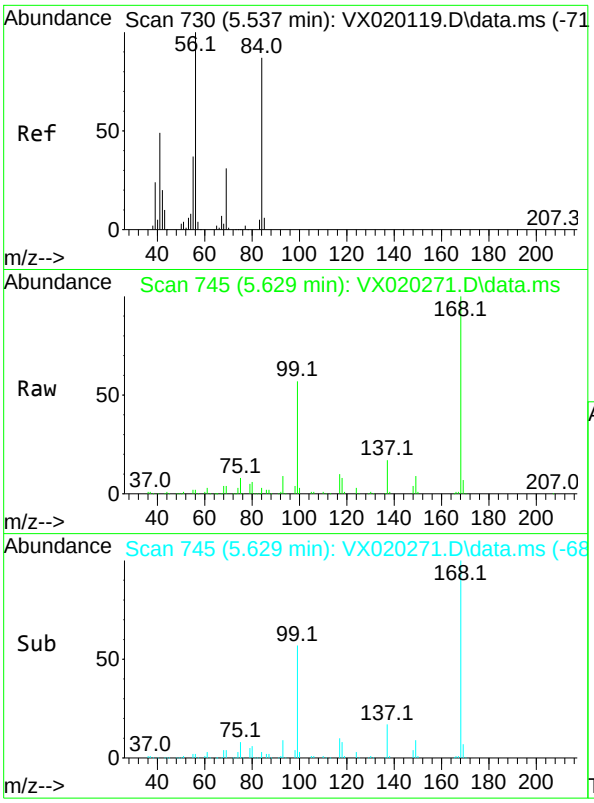
#29
Tetrahydrofuran
Concen: 0.67 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.013 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 42 Resp: 953

Ion	Ratio	Lower	Upper
42	100		
72	13.4	41.7	62.5#
71	0.0	38.4	57.6#



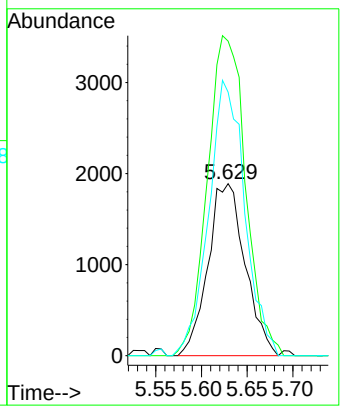
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

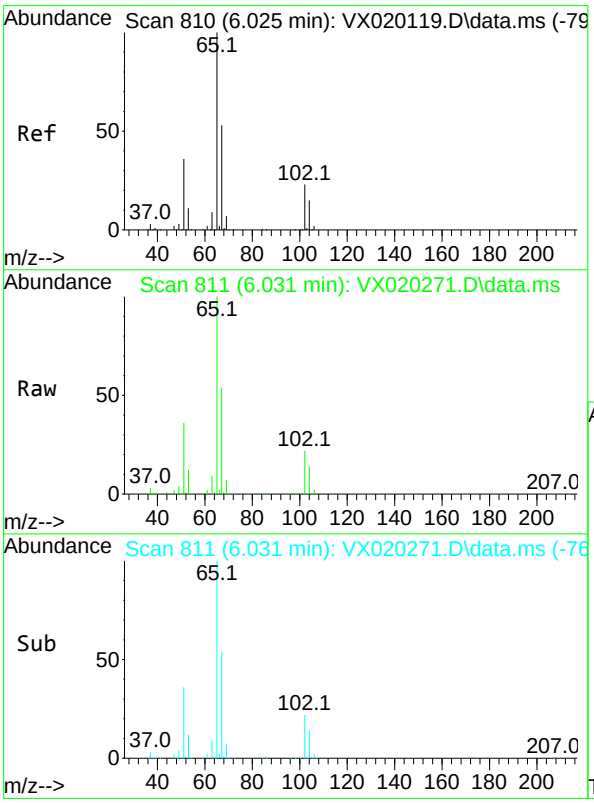


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 56 Resp: 5341

Ion	Ratio	Lower	Upper
56	100		
69	180.1	25.3	37.9#
84	153.2	71.4	107.0#

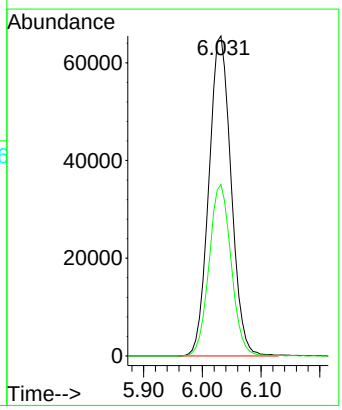




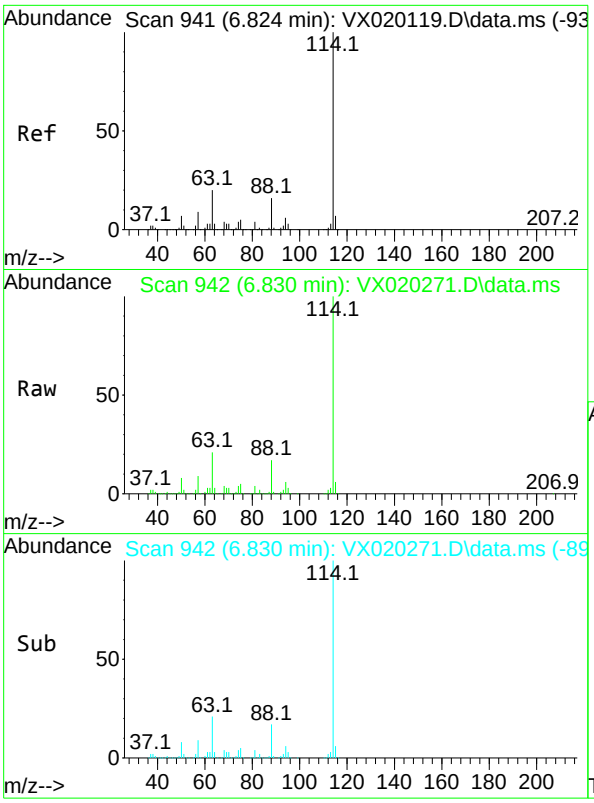
#33
1,2-Dichloroethane-d4
Concen: 50.18 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 65 Resp: 172220

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.4



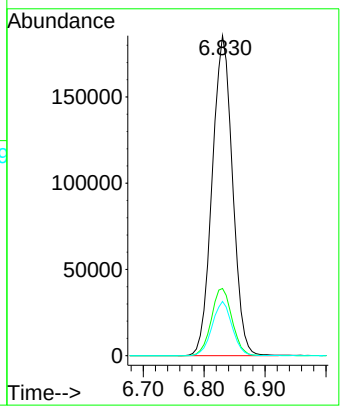
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

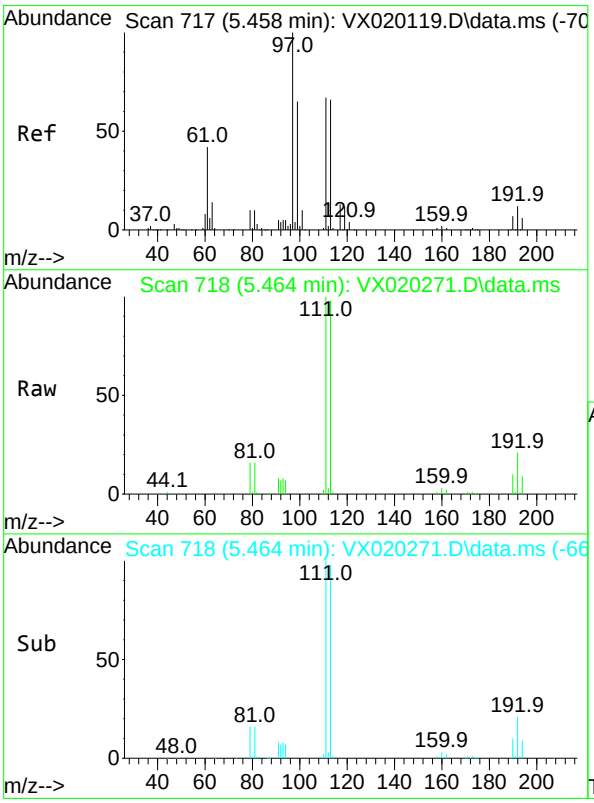


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion:114 Resp: 430177

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	16.9	0.0	32.8

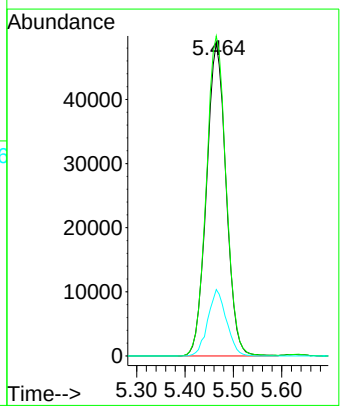




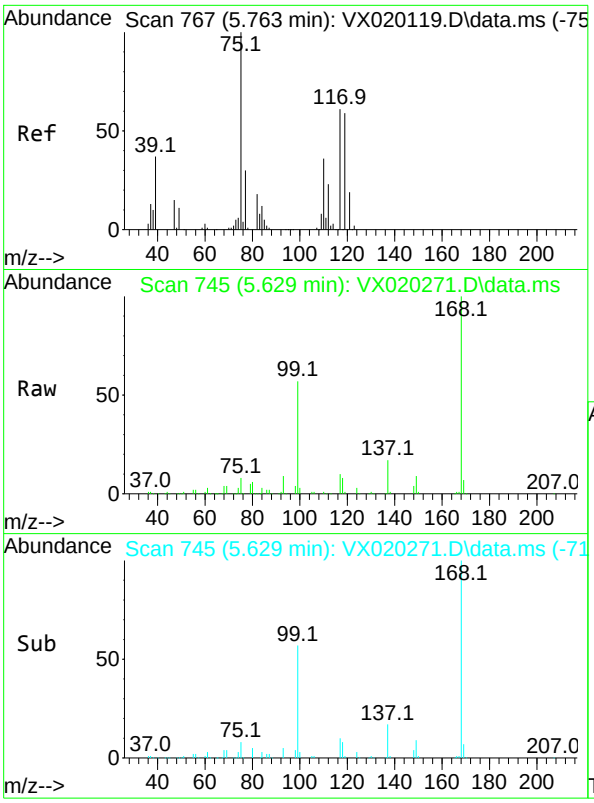
#35
Dibromofluoromethane
Concen: 49.96 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion:113 Resp: 137478

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	20.1	16.7	25.1



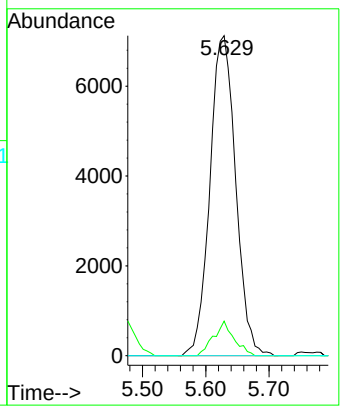
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

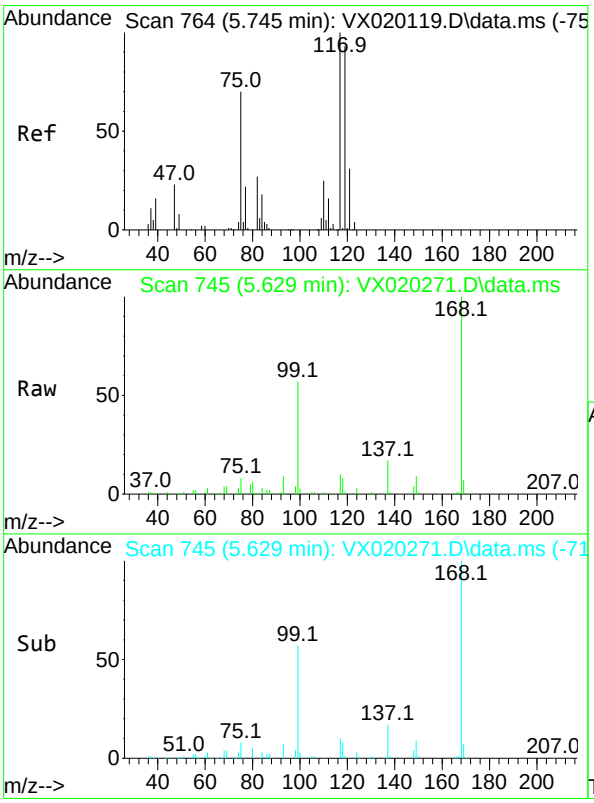


#36
1,1-Dichloropropene
Concen: 4.74 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 75 Resp: 20158

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.4#
77	0.0	25.3	37.9#

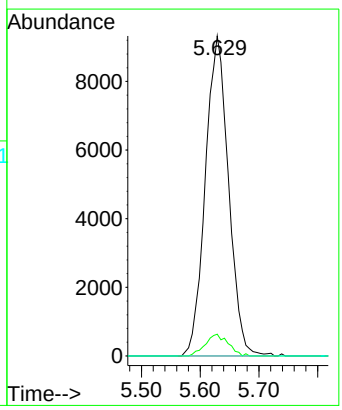




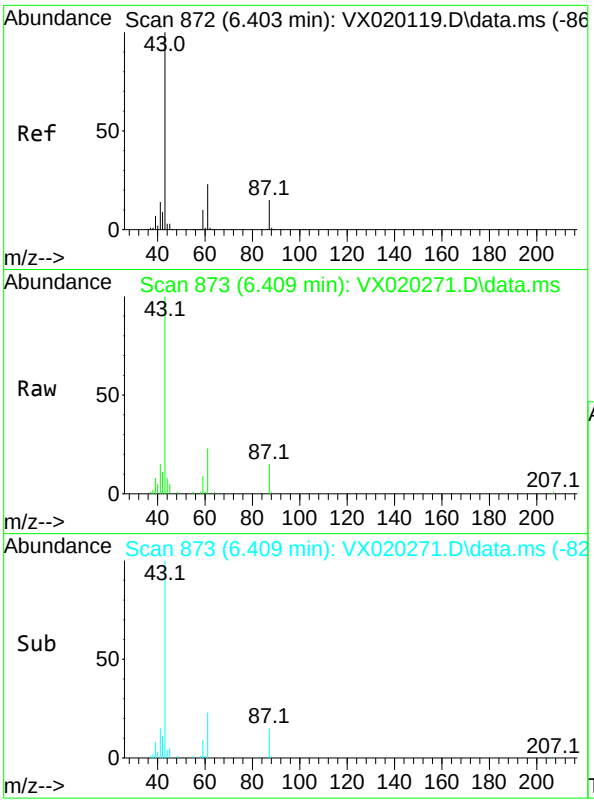
#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion:117 Resp: 25559

Ion	Ratio	Lower	Upper
117	100		
119	6.8	76.2	114.2#
121	0.0	24.8	37.2#



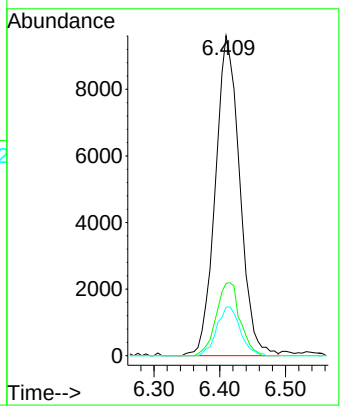
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

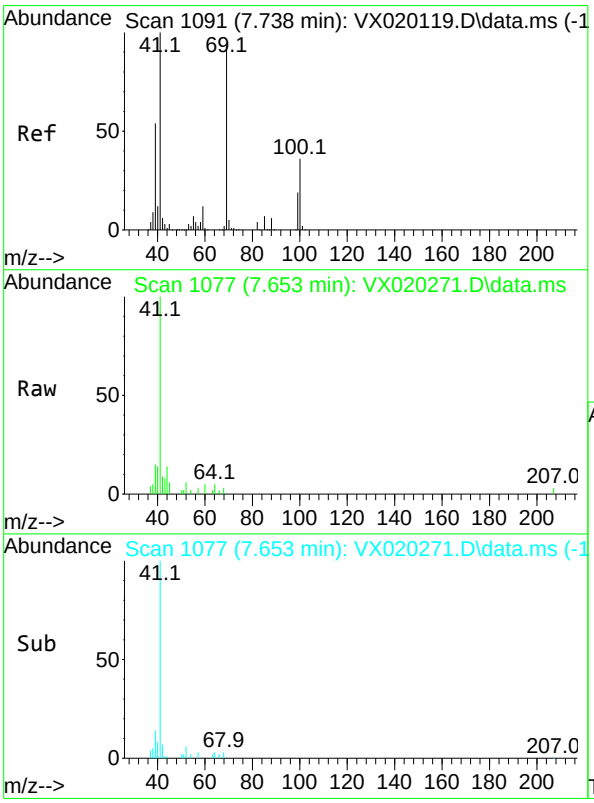


#43
Isopropyl Acetate
Concen: 3.56 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 43 Resp: 24799

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

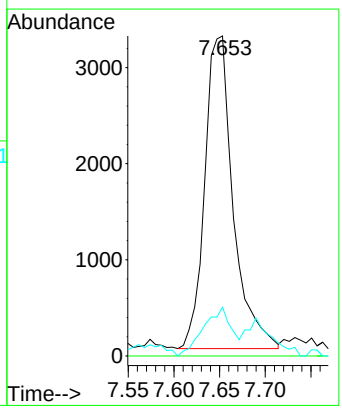


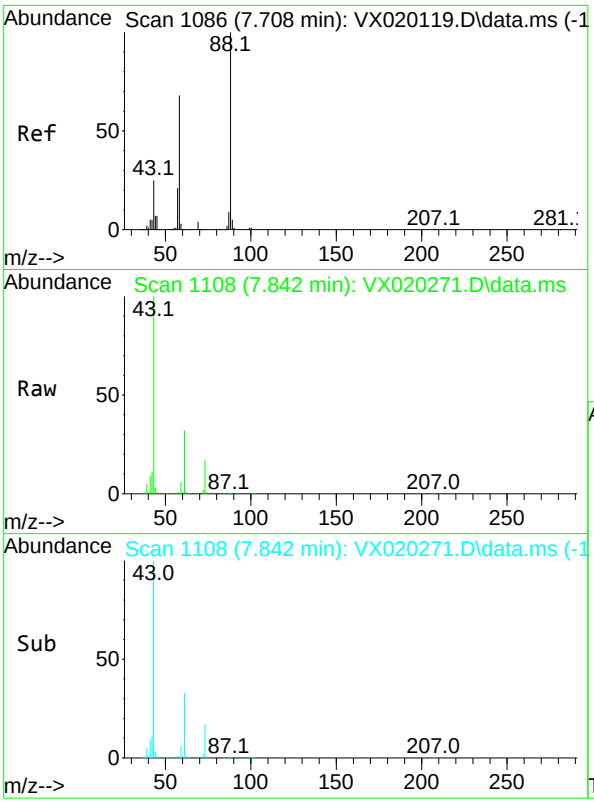


#48
Methyl methacrylate
Concen: 2.05 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.085 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 41 Resp: 7012

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

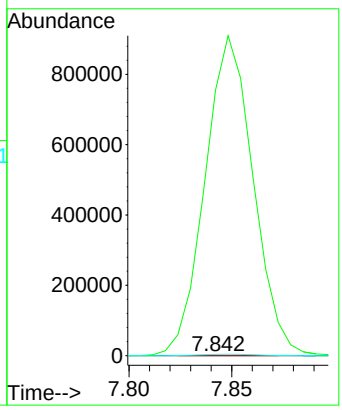




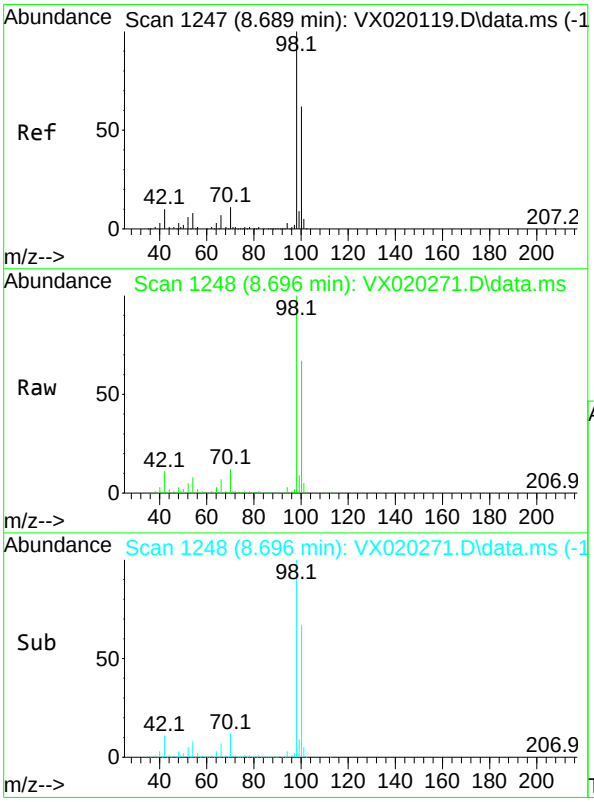
#49
1,4-Dioxane
Concen: 2.75 ug/l
RT: 7.842 min Scan# 1108
Delta R.T. 0.134 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 88 Resp: 220

Ion	Ratio	Lower	Upper
88	100		
43	678764.5	23.2	34.8#
58	3554.1	55.0	82.4#



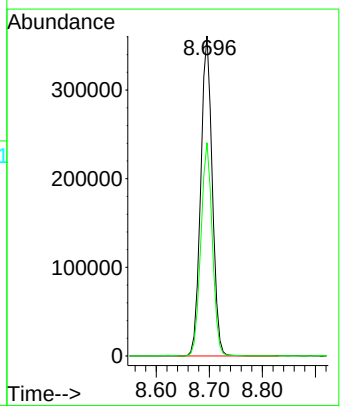
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02



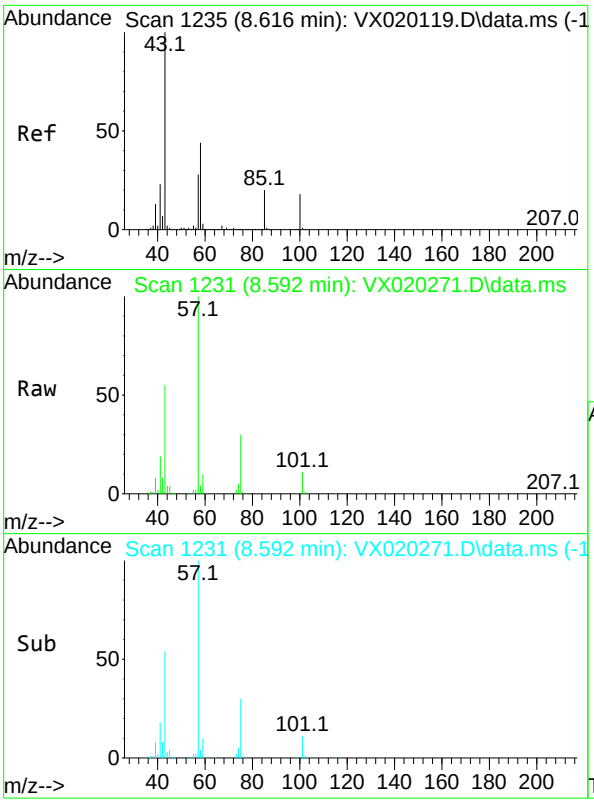
#50
Toluene-d8
Concen: 51.33 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 98 Resp: 543670

Ion	Ratio	Lower	Upper
98	100		
100	66.2	51.9	77.9



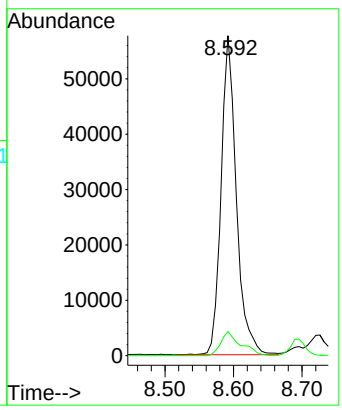
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

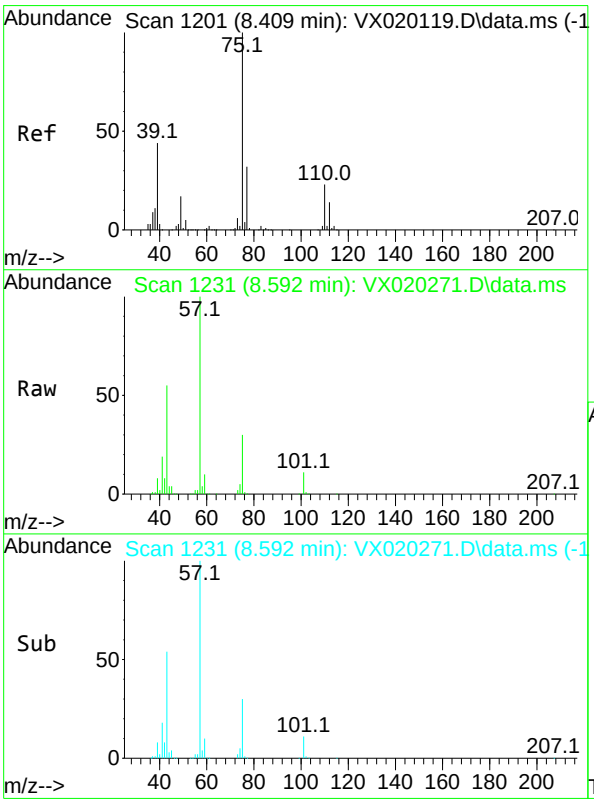


#51
4-Methyl-2-Pentanone
Concen: 20.58 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 43 Resp: 88888

Ion	Ratio	Lower	Upper
43	100		
58	9.9	35.4	53.0#

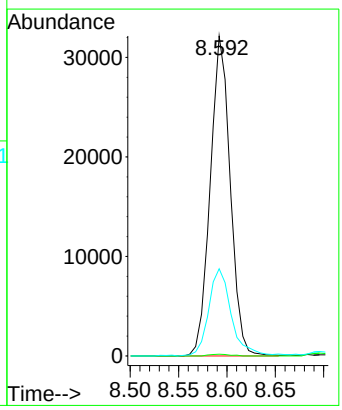




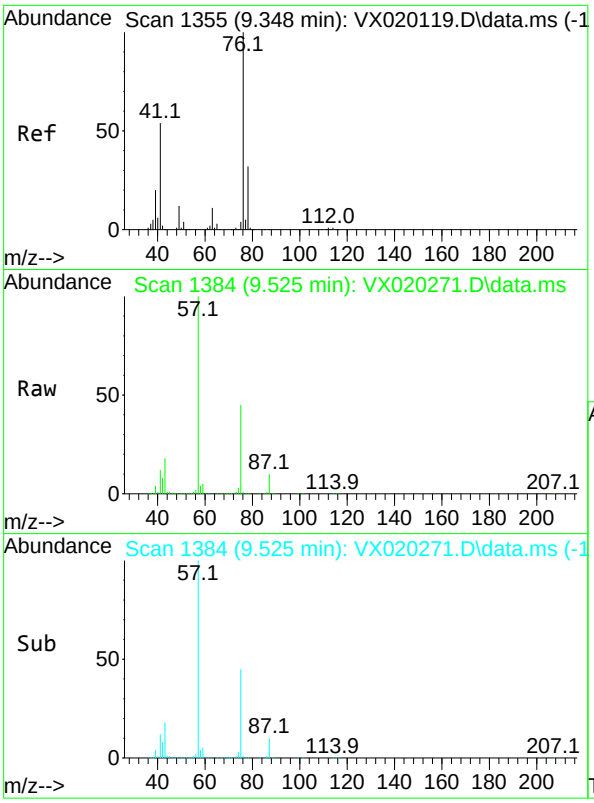
#54
cis-1,3-Dichloropropene
Concen: 8.78 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 75 Resp: 46248

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.7	38.5#
39	27.3	35.1	52.7#



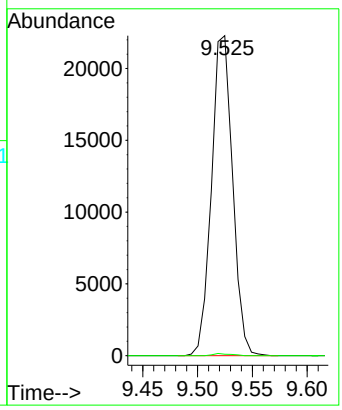
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

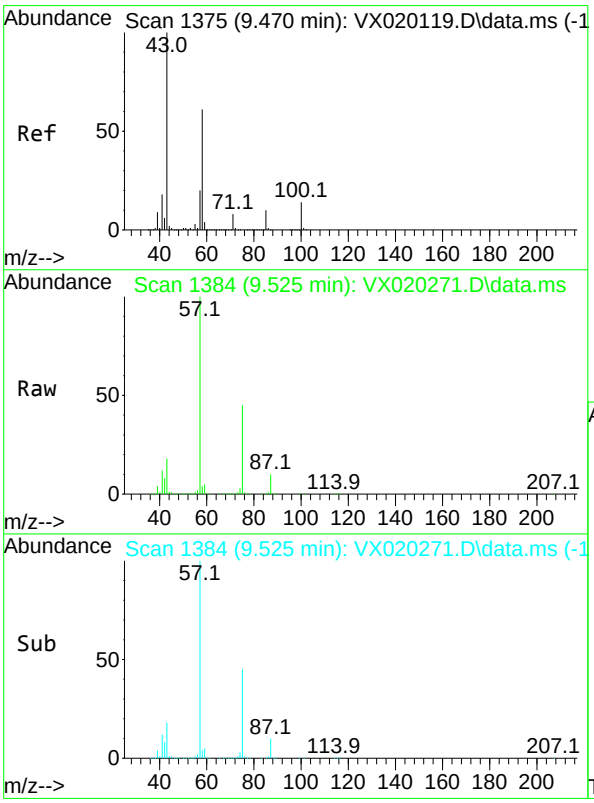


#57
1,3-Dichloropropane
Concen: 5.27 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 76 Resp: 29893

Ion	Ratio	Lower	Upper
76	100		
78	0.6	26.2	39.2#

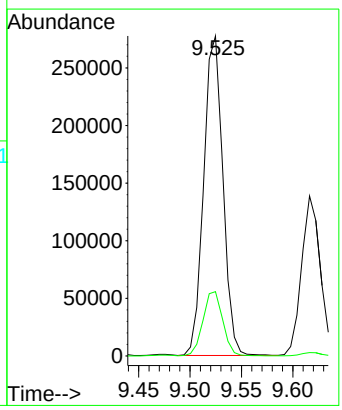




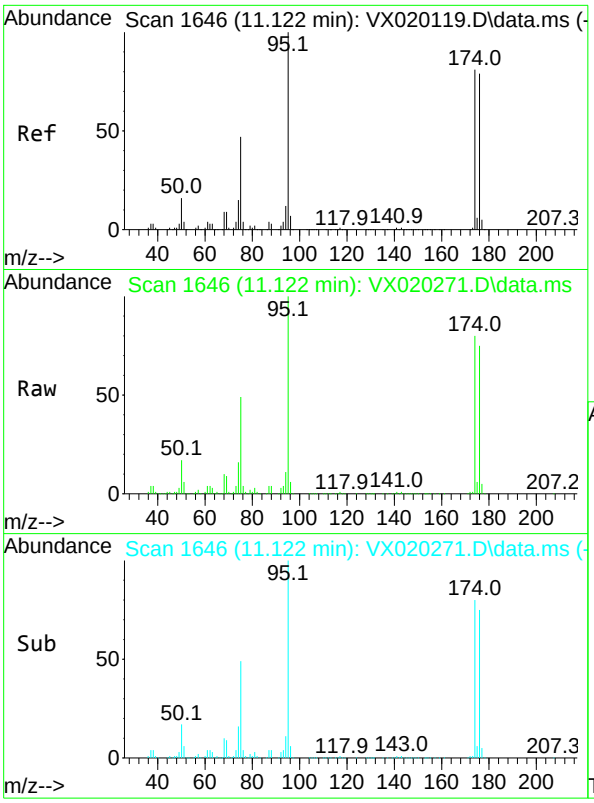
#59
2-Hexanone
Concen: 109.91 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 43 Resp: 361666

Ion	Ratio	Lower	Upper
43	100		
58	20.7	30.9	92.8#



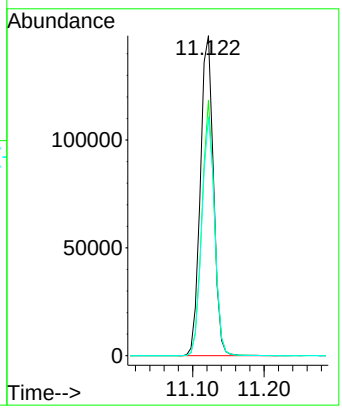
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

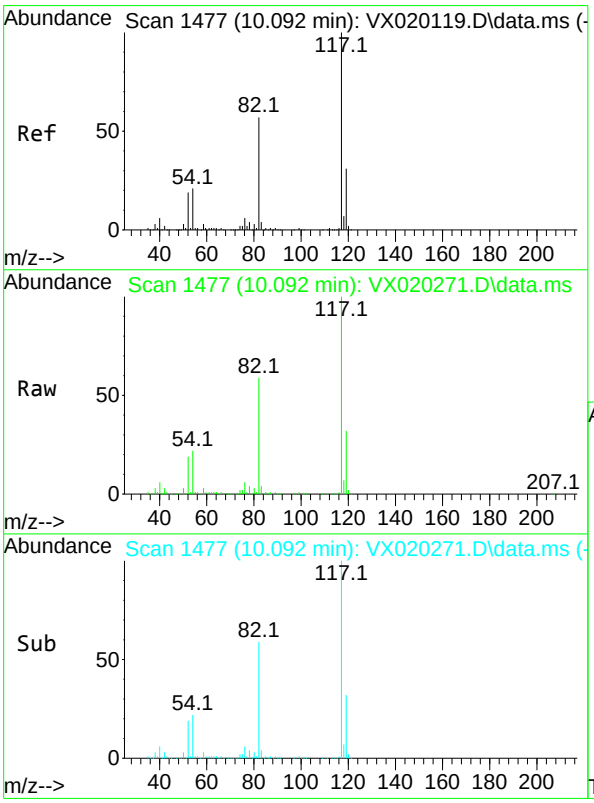


#62
4-Bromofluorobenzene
Concen: 46.75 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 95 Resp: 189509

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	154.6
176	73.2	0.0	155.8

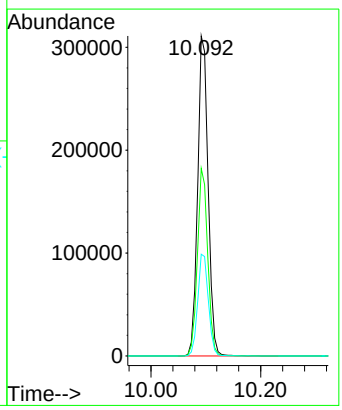




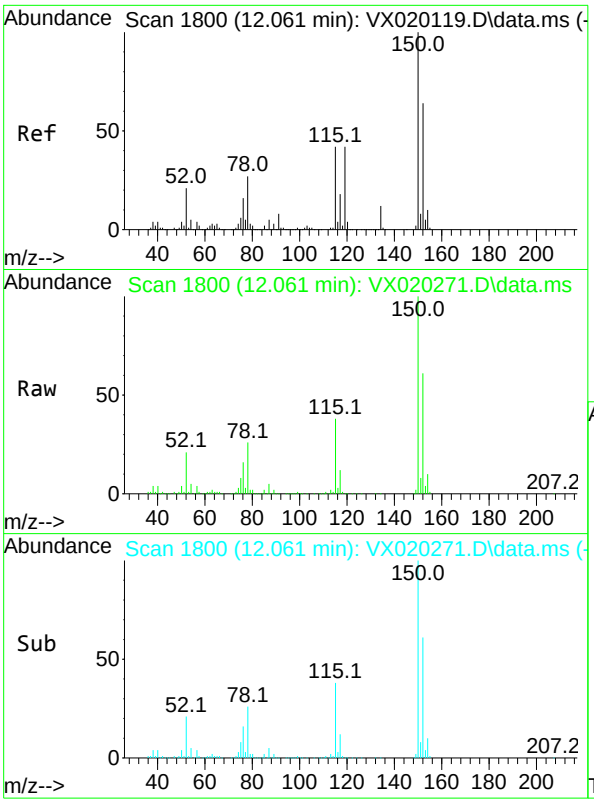
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion:117 Resp: 413334

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.4	71.2
119	31.8	26.6	39.8



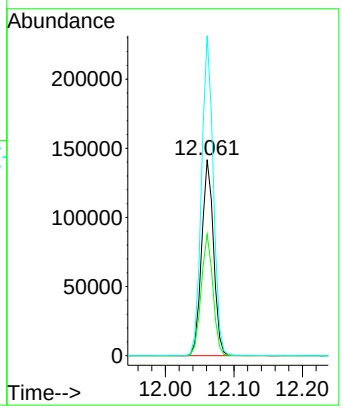
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

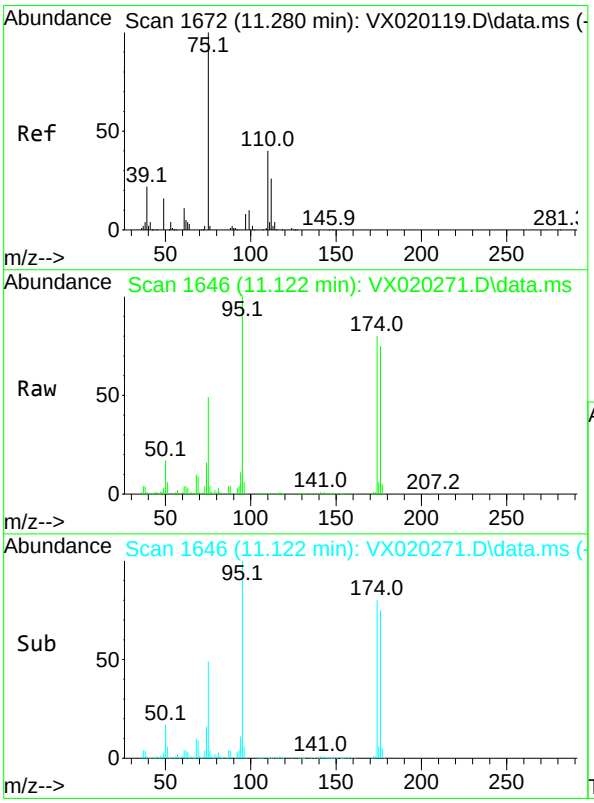


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion:152 Resp: 171447

Ion	Ratio	Lower	Upper
152	100		
115	60.9	41.1	123.3
150	161.0	0.0	349.0

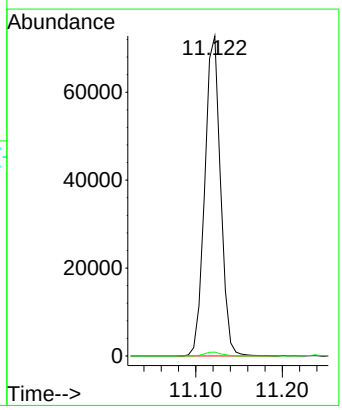




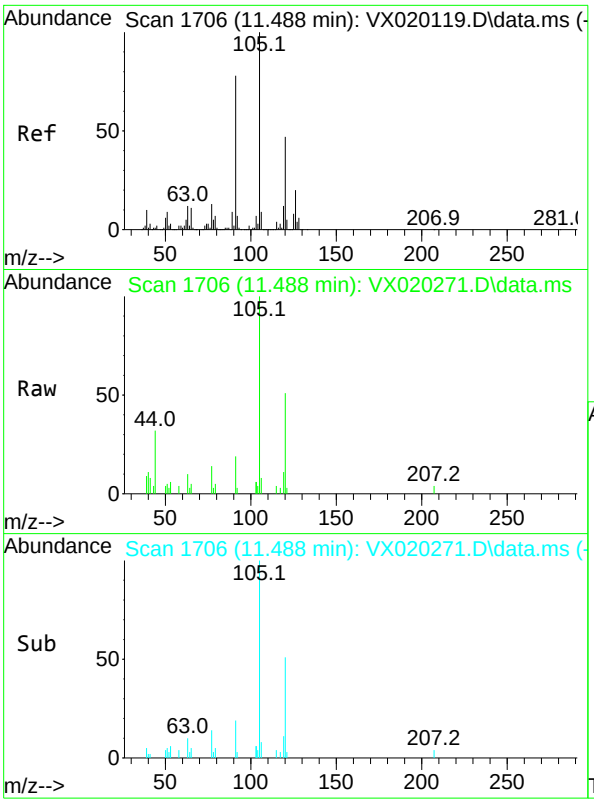
#76
1,2,3-Trichloropropane
Concen: 21.79 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 75 Resp: 92015

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#



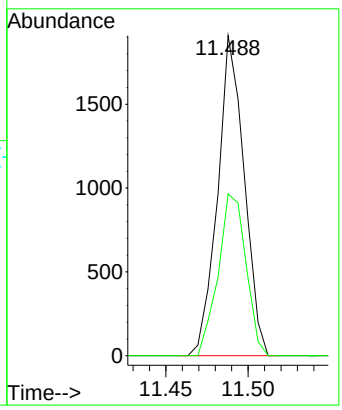
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02

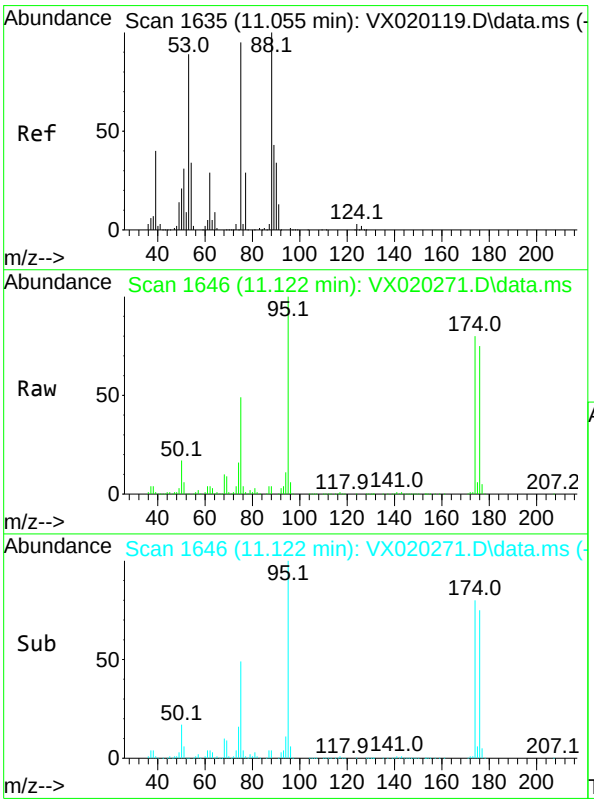


#80
1,3,5-Trimethylbenzene
Concen: 0.20 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion:105 Resp: 2146

Ion	Ratio	Lower	Upper
105	100		
120	52.8	23.8	71.5

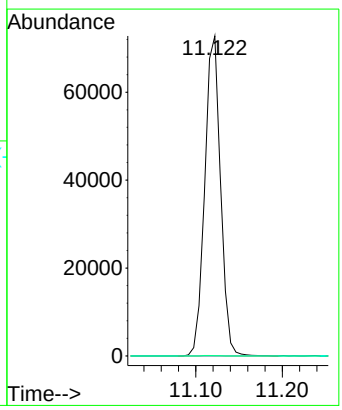


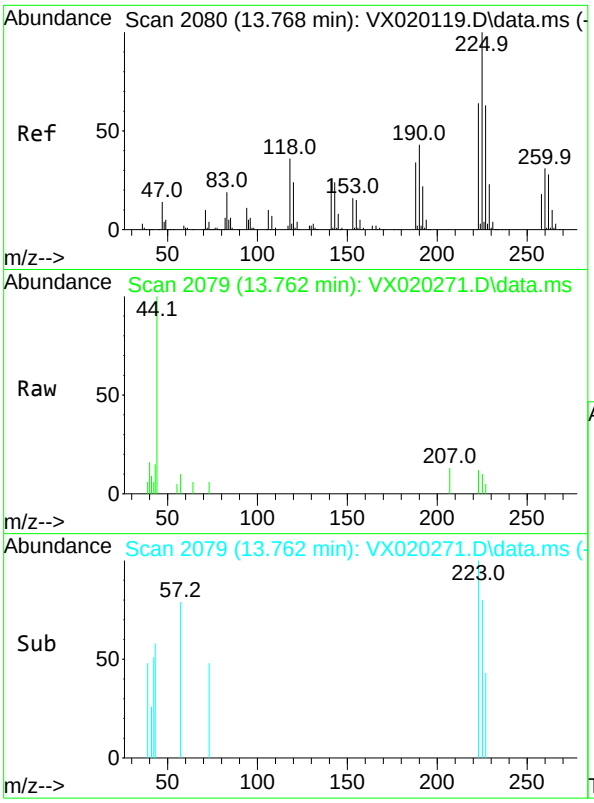


#81
trans-1,4-Dichloro-2-butene
Concen: 64.64 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion: 75 Resp: 92015

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

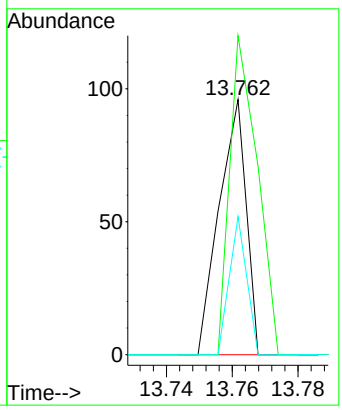




#94
Hexachlorobutadiene
Concen: 2.68 ug/l
RT: 13.762 min Scan# 2079
Delta R.T. -0.006 min
Lab File: VX020271.D
Acq: 22 Dec 2020 00:12

Tgt Ion:225 Resp: 55

Ion	Ratio	Lower	Upper
225	100		
223	127.3	31.1	93.2#
227	34.5	31.6	95.0



Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#02