Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
Data File : VX020274.D
Acq On : 22 Dec 2020 01:23
Operator : JC/MD
Sample : PB133709ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133709ZHE#05

Quant Time: Dec 22 05:16:36 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	258350	50.00	ug/l		0.01
34) 1,4-Difluorobenzene	6.830	114	439260	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.097	117	425865	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	175674	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.031	65	175542	50.69	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.38%				
35) Dibromofluoromethane	5.464	113	140155	49.88	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.76%				
50) Toluene-d8	8.695	98	554449	51.26	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.52%				
62) 4-Bromofluorobenzene	11.122	95	192465	46.49	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.98%				
Target Compounds							Qvalue
5) Bromomethane	1.629	94	746	0.66	ug/l	#	70
10) Methyl Iodide	2.501	142	111	3.32	ug/l	#	42
11) Tert butyl alcohol	2.995	59	6286	8.11	ug/l	#	75
16) Acetone	2.416	43	18019	11.41	ug/l		98
18) Methyl Acetate	2.751	43	3184	0.90	ug/l		94
20) Methylene Chloride	2.830	84	11155	3.13	ug/l		98
25) 2-Butanone	4.641	43	7193	3.13	ug/l		94
29) Tetrahydrofuran	5.110	42	1038	0.72	ug/l	#	65
31) Cyclohexane	5.635	56	5305	1.11	ug/l	#	1
36) 1,1-Dichloropropene	5.629	75	20397	4.70	ug/l	#	48
37) Ethyl Acetate	4.641	43	7193	1.59	ug/l	#	64
38) Carbon Tetrachloride	5.629	117	25815	6.25	ug/l	#	17
43) Isopropyl Acetate	6.415	43	24538	3.45	ug/l		97
48) Methyl methacrylate	7.647	41	7244	2.08	ug/l	#	10
49) 1,4-Dioxane	7.854	88	296	3.62	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.592	43	86969	19.72	ug/l	#	47
54) cis-1,3-Dichloropropene	8.592	75	45178	8.40	ug/l	#	62
57) 1,3-Dichloropropane	9.524	76	29002	5.01	ug/l	#	43
59) 2-Hexanone	9.524	43	358033	106.55	ug/l	#	46
76) 1,2,3-Trichloropropane	11.122	75	94436	21.82	ug/l	#	39
80) 1,3,5-Trimethylbenzene	11.487	105	2241	0.21	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.122	75	94436	64.74	ug/l	#	12

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

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Sample : PB133709ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

Quant Time: Dec 22 05:16:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
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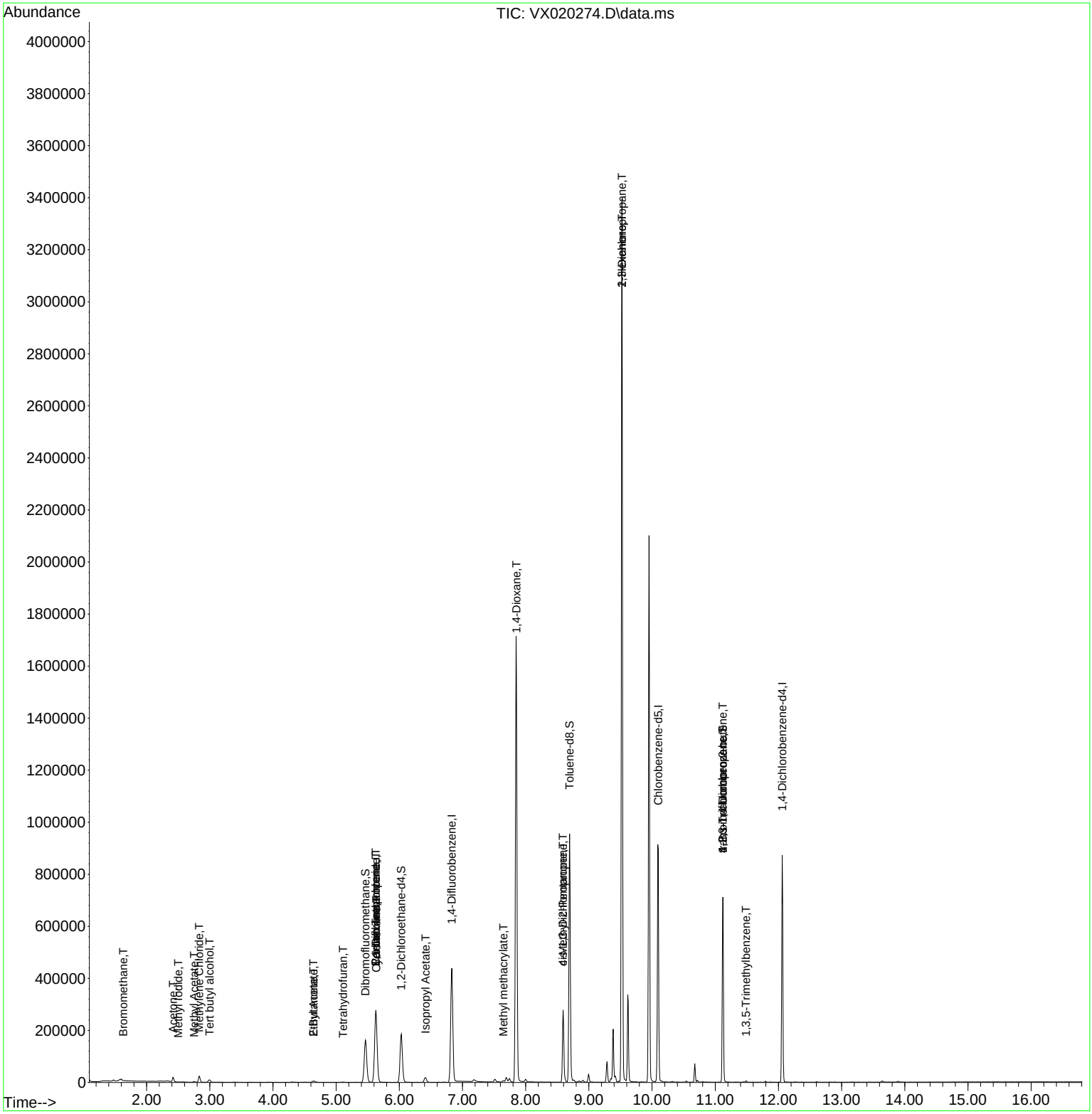
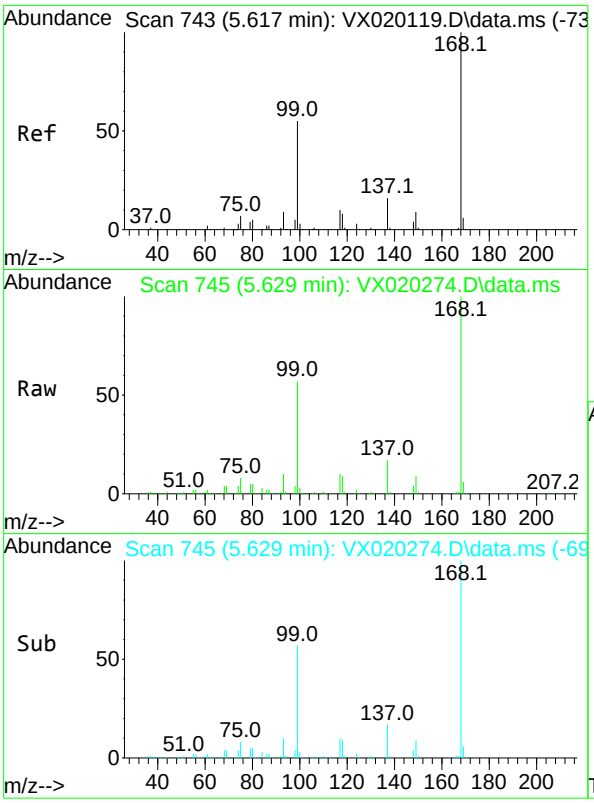
Response via : Initial Calibration



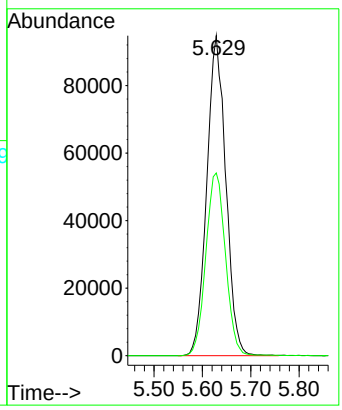
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

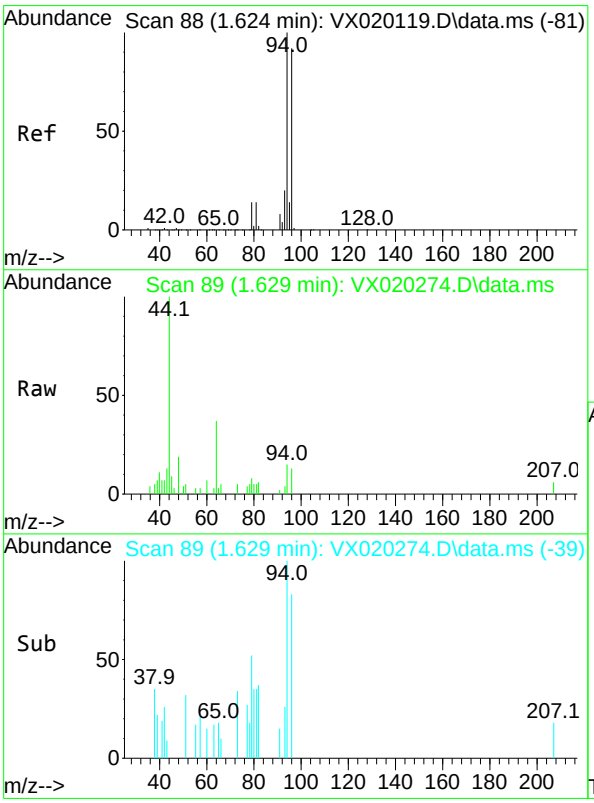


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion:168 Resp: 258350

Ion	Ratio	Lower	Upper
168	100		
99	57.1	45.8	68.6

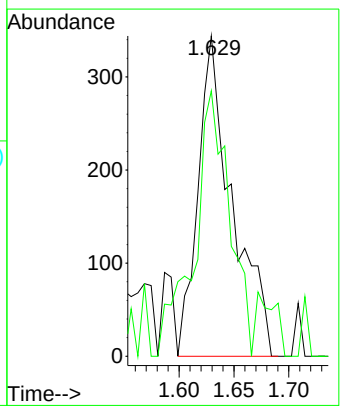




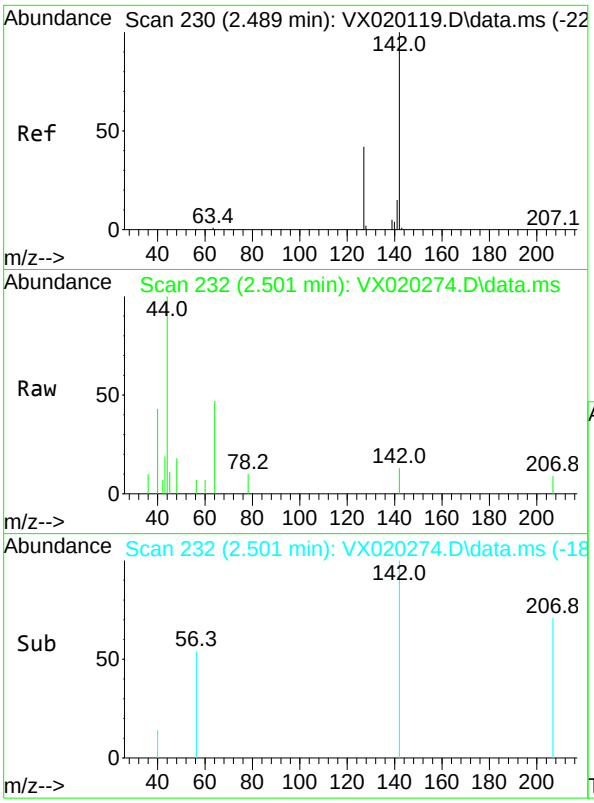
#5
Bromomethane
Concen: 0.66 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.005 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 94 Resp: 746

Ion	Ratio	Lower	Upper
94	100		
96	66.3	76.4	114.6#



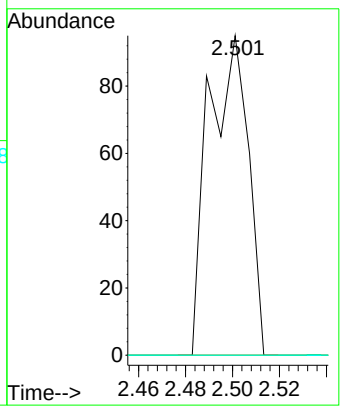
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

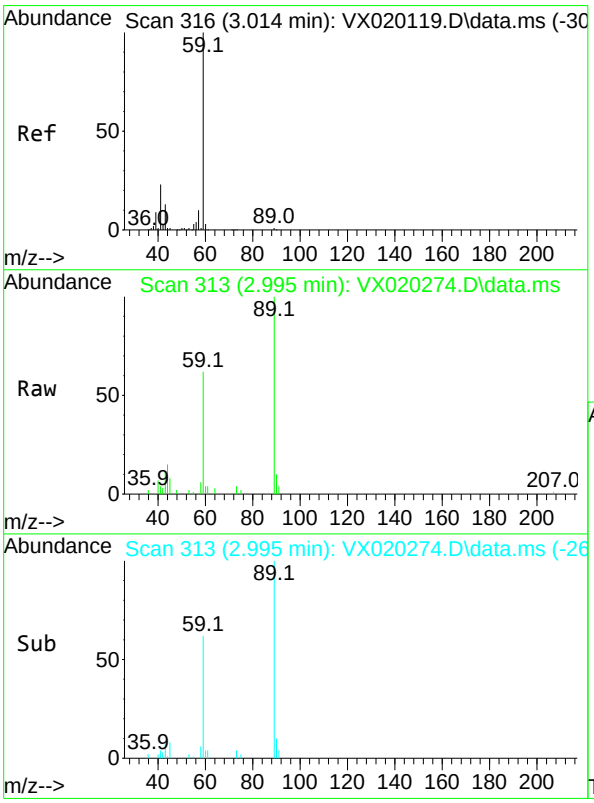


#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion:142 Resp: 111

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

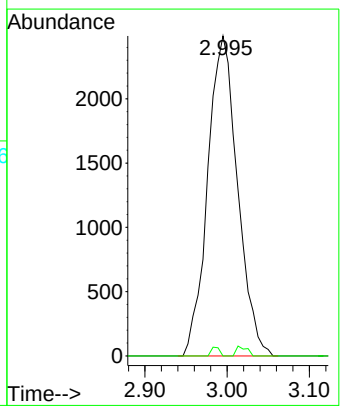




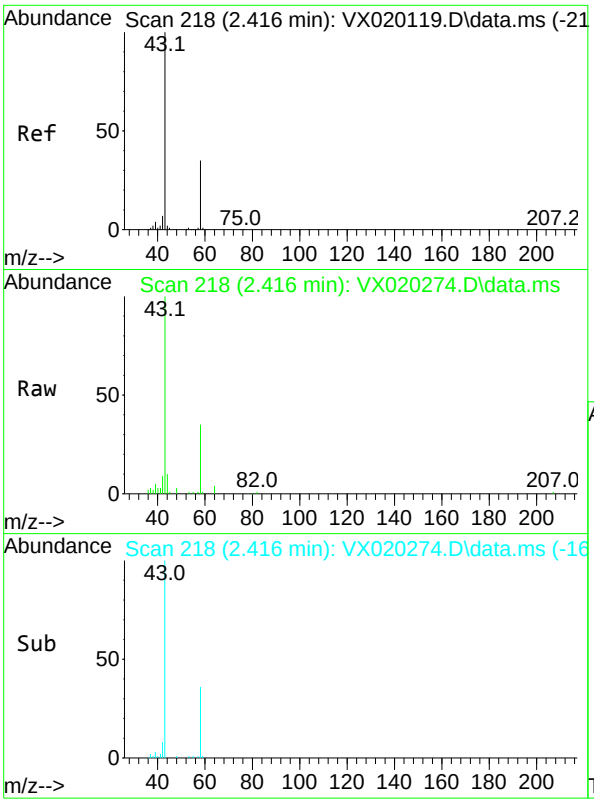
#11
Tert butyl alcohol
Concen: 8.11 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 59 Resp: 6286

Ion	Ratio	Lower	Upper
59	100		
57	0.8	7.8	11.8#



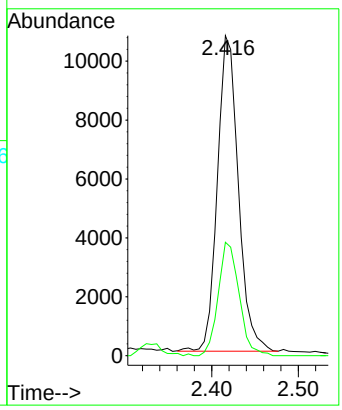
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

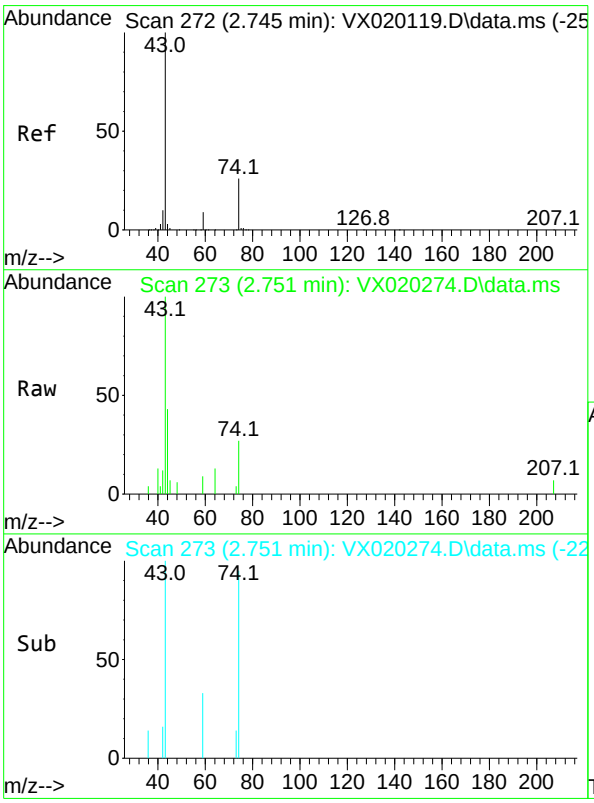


#16
Acetone
Concen: 11.41 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 43 Resp: 18019

Ion	Ratio	Lower	Upper
43	100		
58	36.0	27.8	41.8

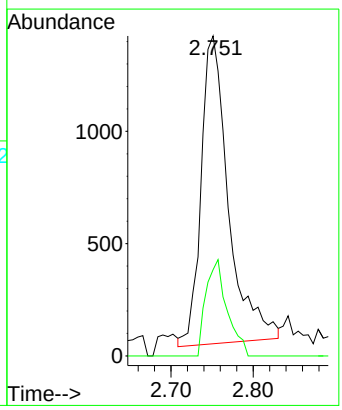




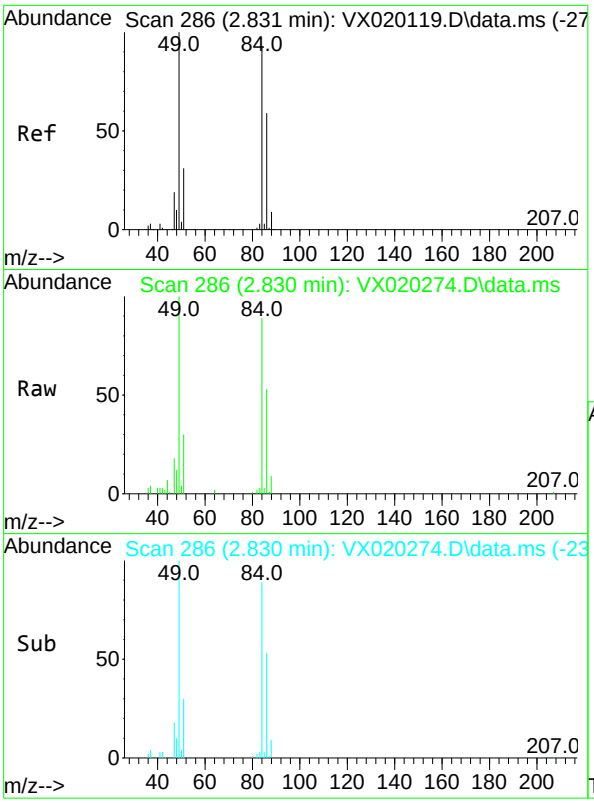
#18
Methyl Acetate
Concen: 0.90 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 43 Resp: 3184

Ion	Ratio	Lower	Upper
43	100		
74	24.1	21.9	32.9



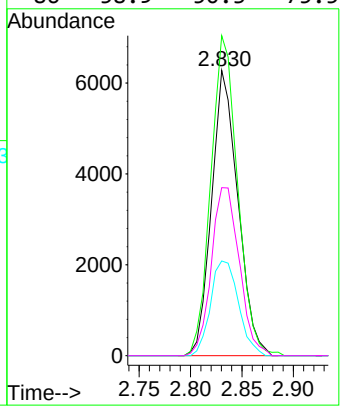
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

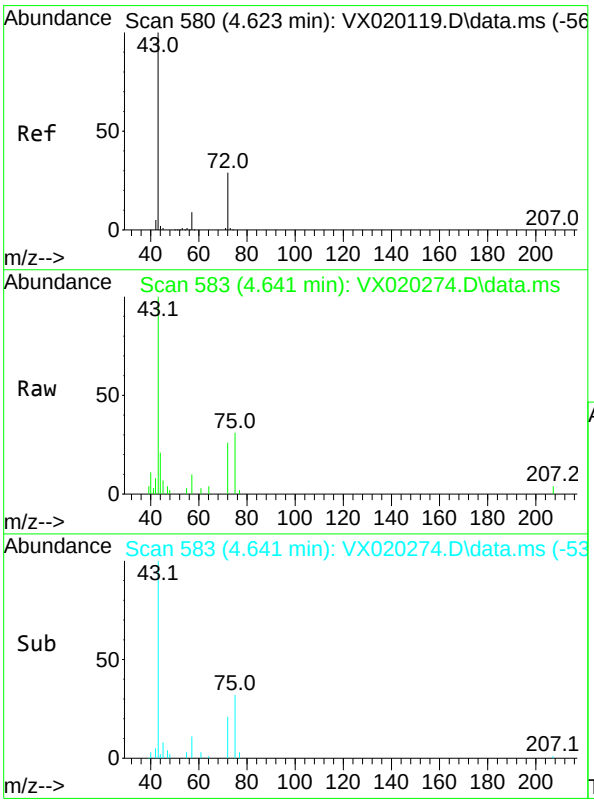


#20
Methylene Chloride
Concen: 3.13 ug/l
RT: 2.830 min Scan# 286
Delta R.T. -0.001 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 84 Resp: 11155

Ion	Ratio	Lower	Upper
84	100		
49	112.2	88.6	132.8
51	33.2	27.0	40.6
86	58.9	50.3	75.5

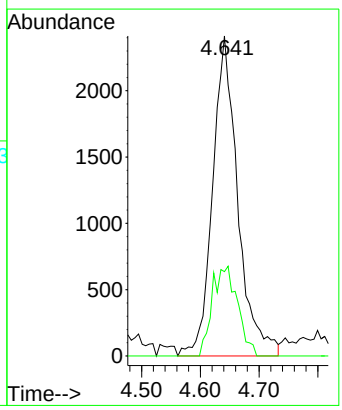




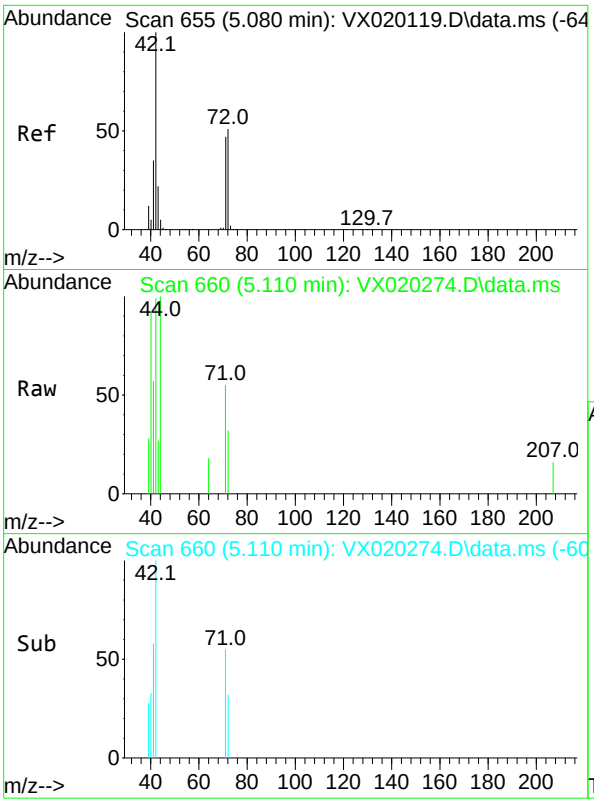
#25
2-Butanone
Concen: 3.13 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 43 Resp: 7193

Ion	Ratio	Lower	Upper
43	100		
72	26.4	23.7	35.5



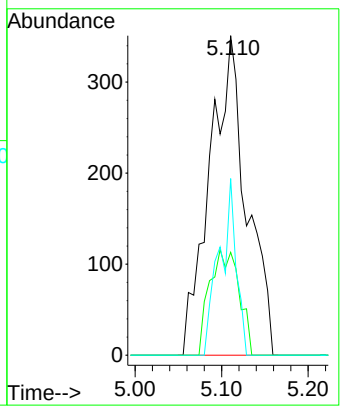
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

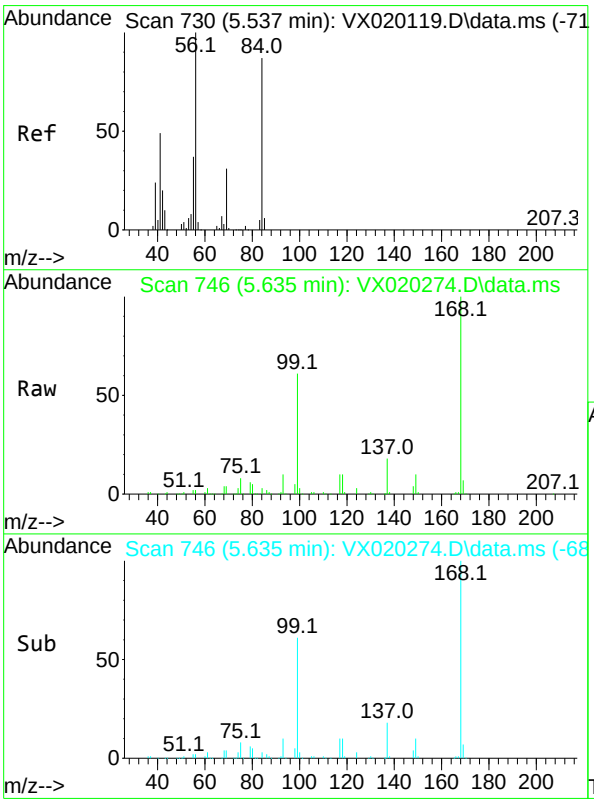


#29
Tetrahydrofuran
Concen: 0.72 ug/l
RT: 5.110 min Scan# 660
Delta R.T. 0.030 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 42 Resp: 1038

Ion	Ratio	Lower	Upper
42	100		
72	26.4	41.7	62.5#
71	25.2	38.4	57.6#

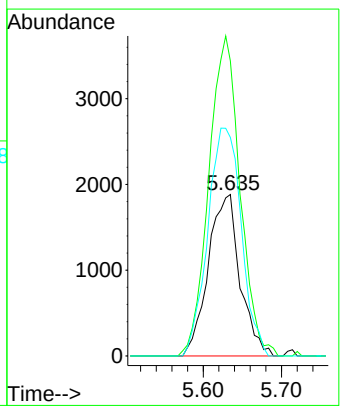




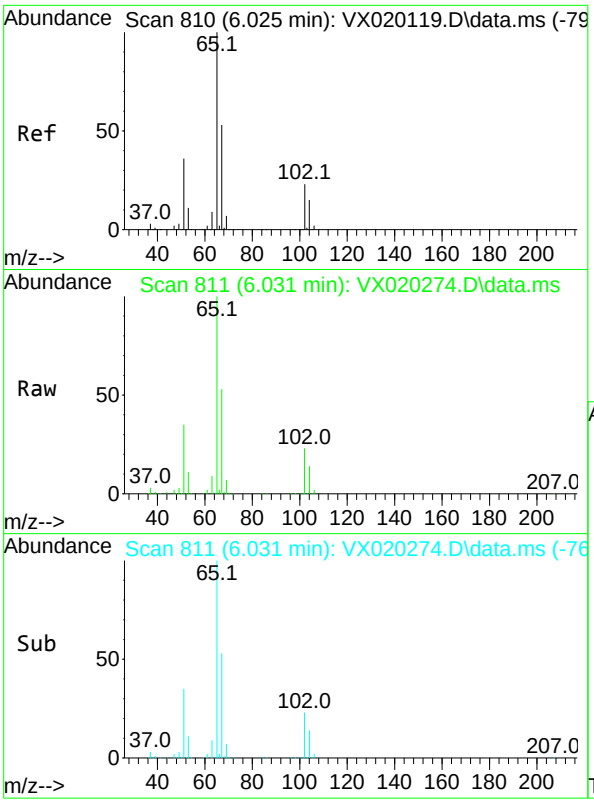
#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.098 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 56 Resp: 5305

Ion	Ratio	Lower	Upper
56	100		
69	182.7	25.3	37.9#
84	135.4	71.4	107.0#



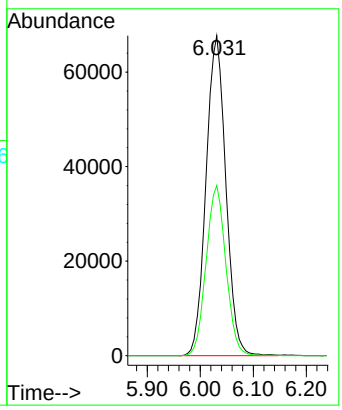
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

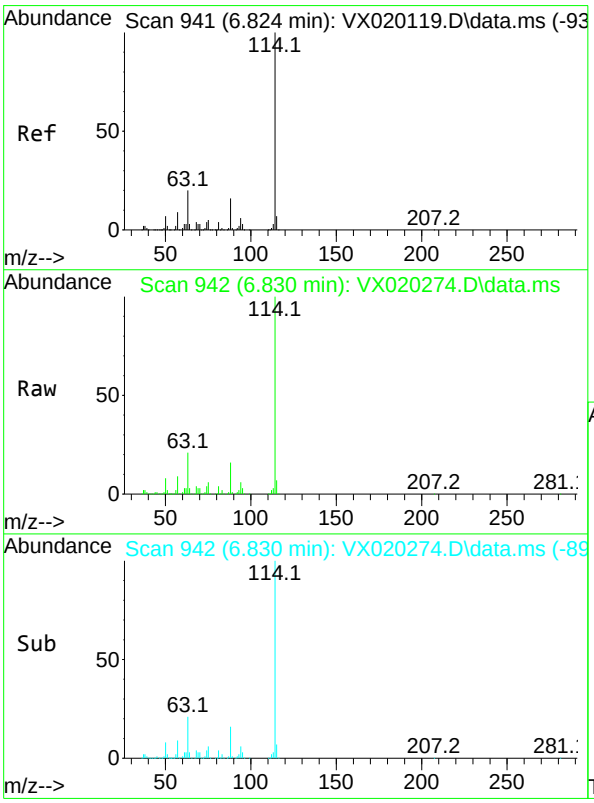


#33
1,2-Dichloroethane-d4
Concen: 50.69 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 65 Resp: 175542

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.4

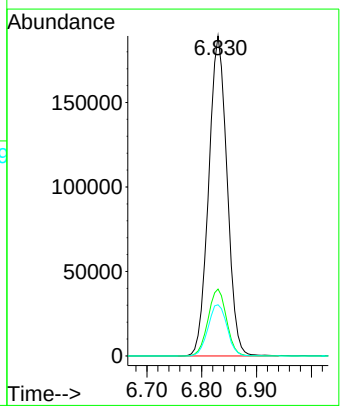




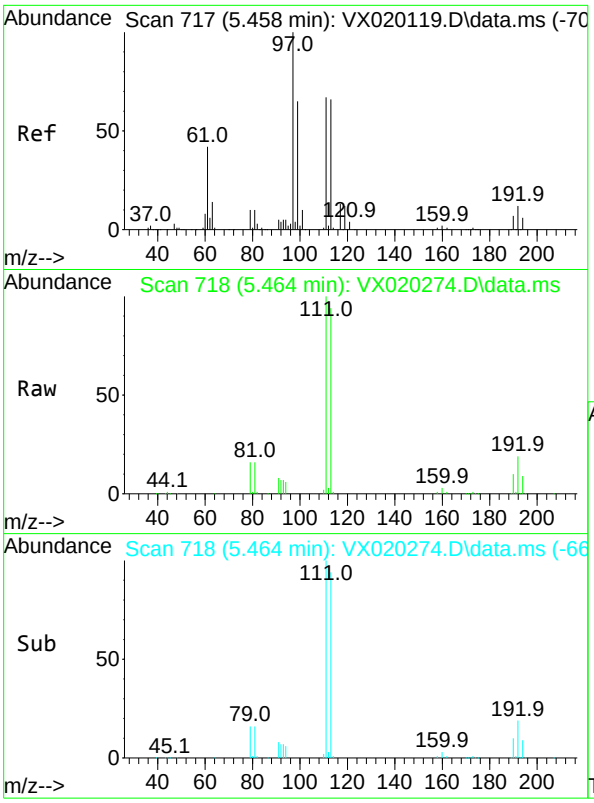
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion:114 Resp: 439260

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	16.0	0.0	32.8



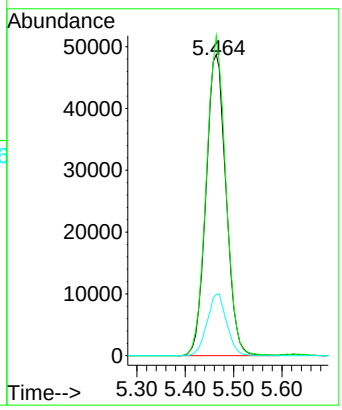
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

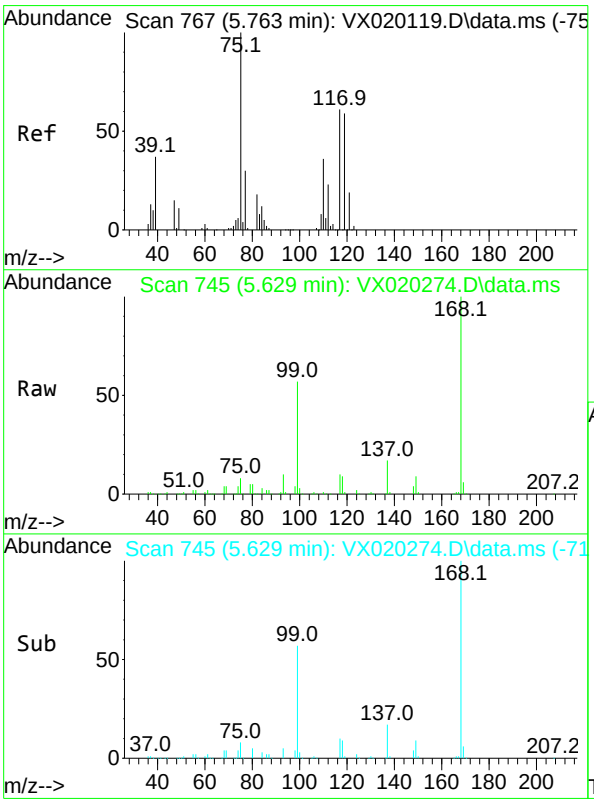


#35
Dibromofluoromethane
Concen: 49.88 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion:113 Resp: 140155

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.9	122.9
192	20.0	16.7	25.1

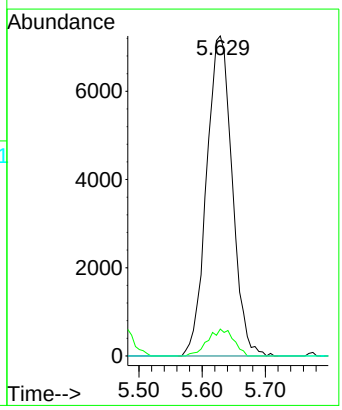




#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 75 Resp: 20397

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



Instrument :
MSVOA_X
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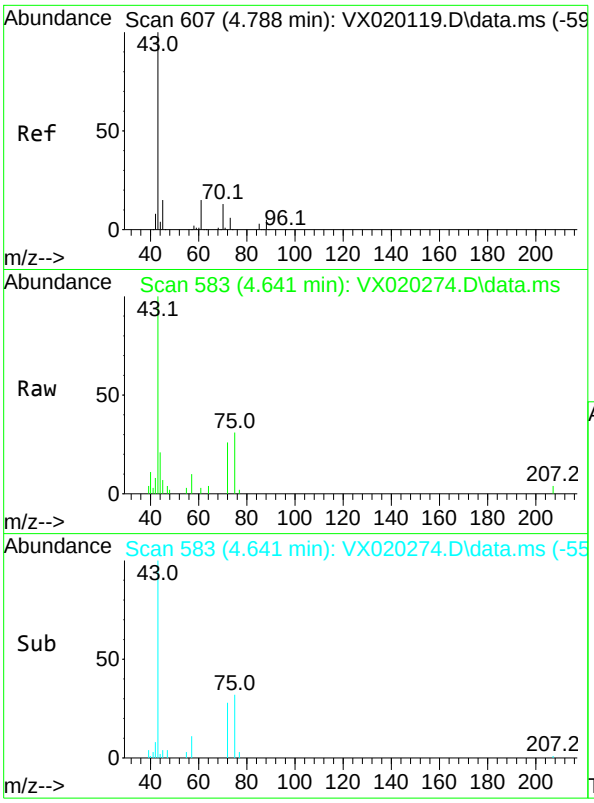
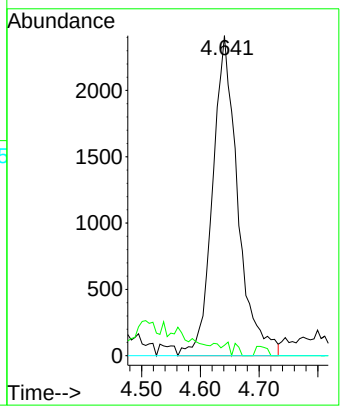
PB133709ZHE#05

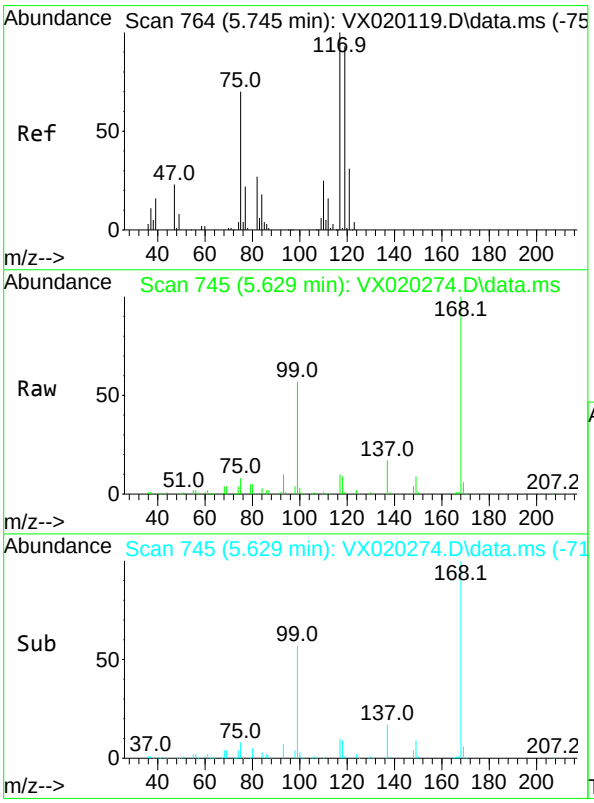


#37
Ethyl Acetate
Concen: 1.59 ug/l
RT: 4.641 min Scan# 583
Delta R.T. -0.147 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 43 Resp: 7193

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

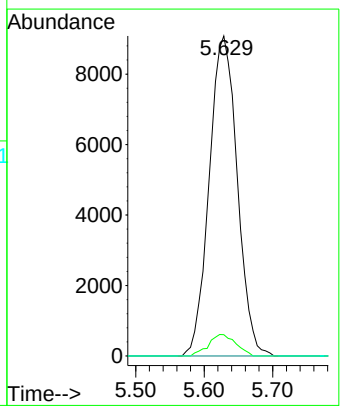


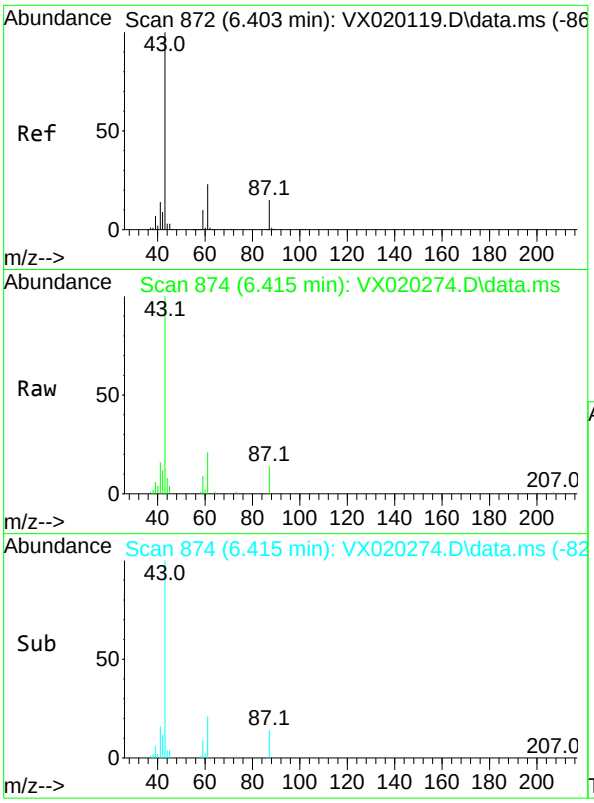


#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion:117 Resp: 25815

Ion	Ratio	Lower	Upper
117	100		
119	6.7	76.2	114.2#
121	0.0	24.8	37.2#

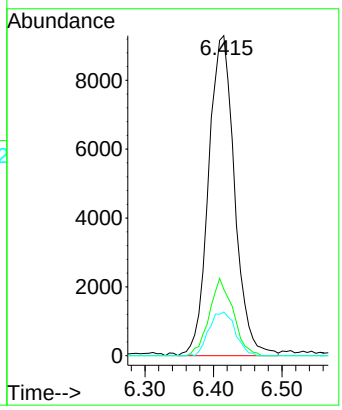




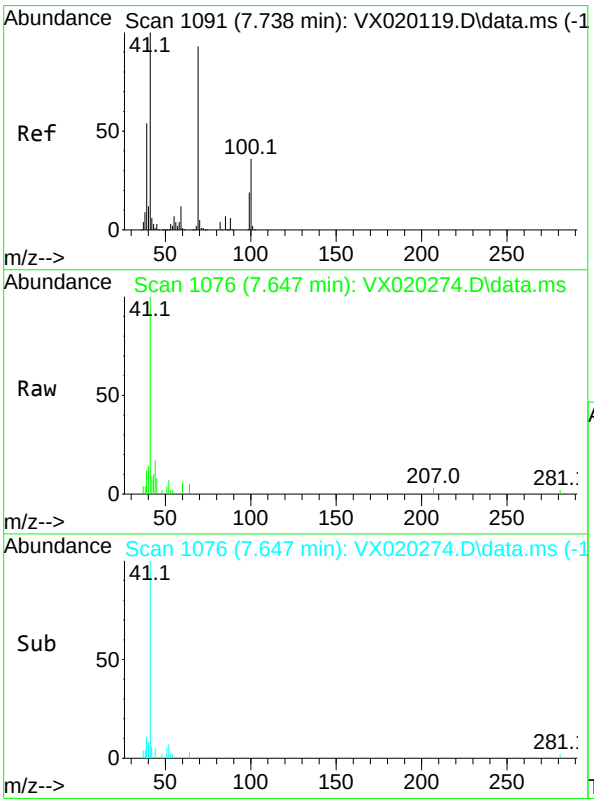
#43
Isopropyl Acetate
Concen: 3.45 ug/l
RT: 6.415 min Scan# 874
Delta R.T. 0.012 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 43 Resp: 24538

Ion	Ratio	Lower	Upper
43	100		
61	22.1	18.2	27.4
87	13.8	12.5	18.7



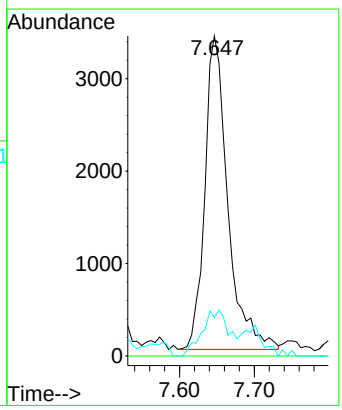
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

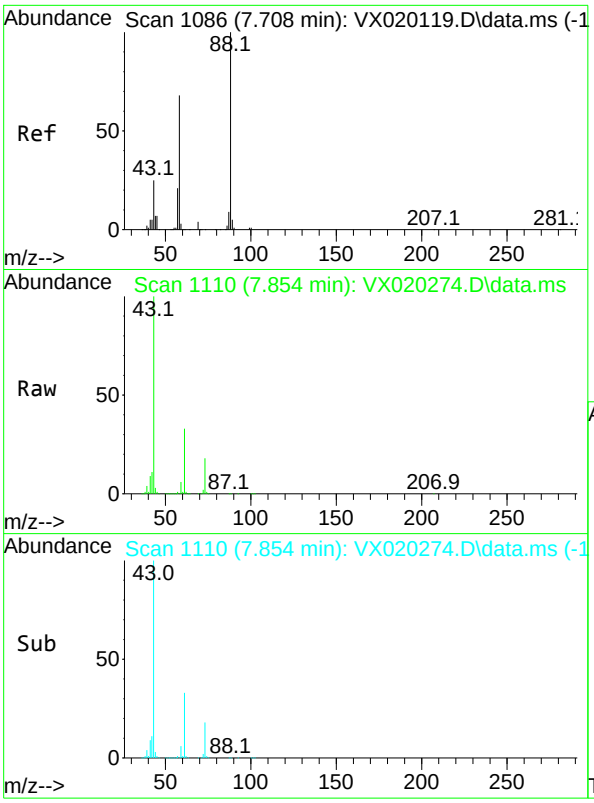


#48
Methyl methacrylate
Concen: 2.08 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 41 Resp: 7244

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

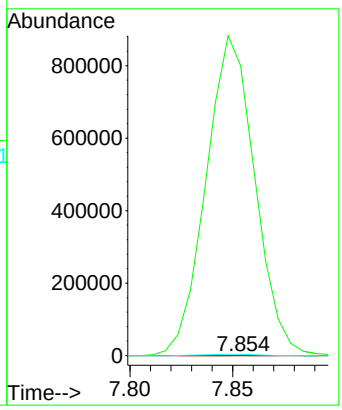




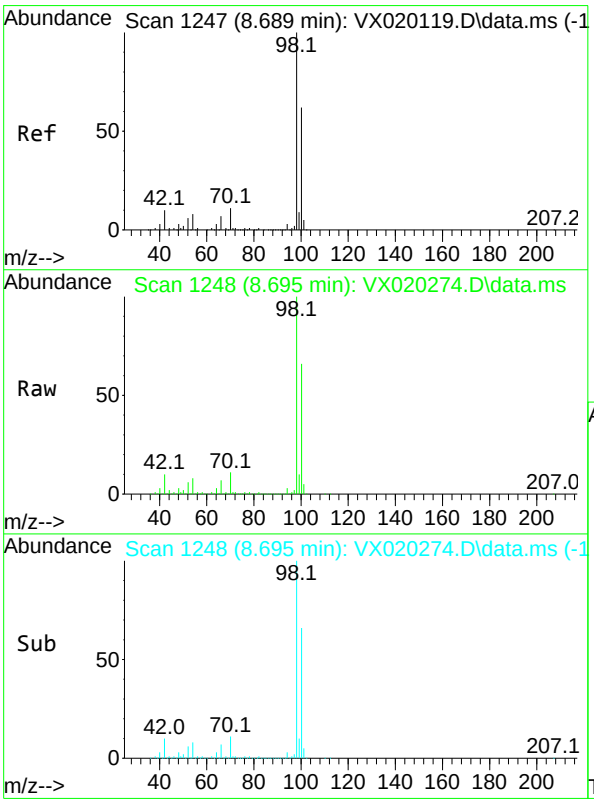
#49
1,4-Dioxane
Concen: 3.62 ug/l
RT: 7.854 min Scan# 1110
Delta R.T. 0.146 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 88 Resp: 296

Ion	Ratio	Lower	Upper
88	100		
43	496327.4	23.2	34.8#
58	2594.6	55.0	82.4#



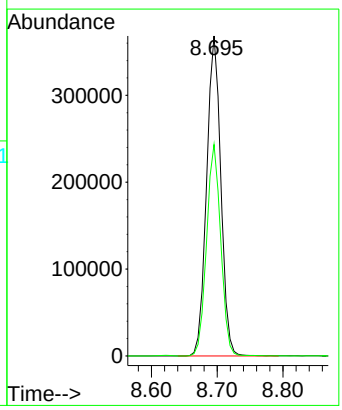
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05



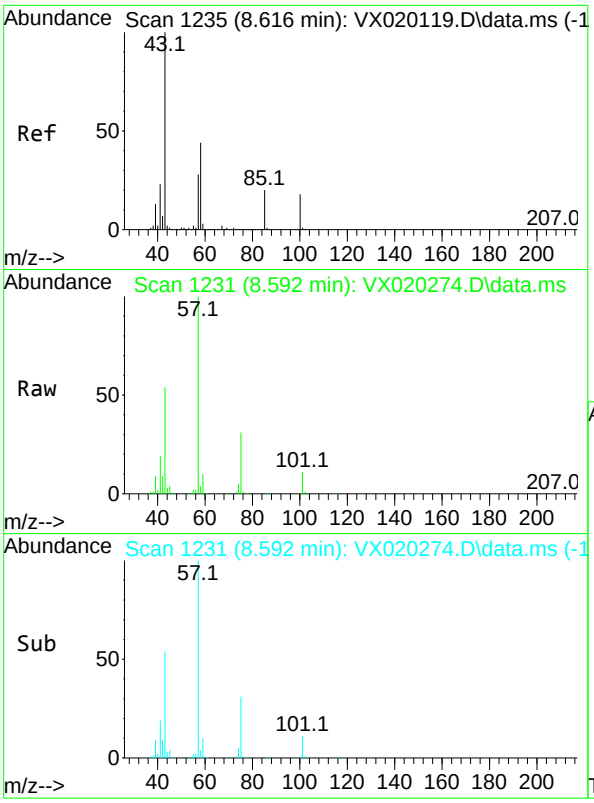
#50
Toluene-d8
Concen: 51.26 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 98 Resp: 554449

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.9	77.9



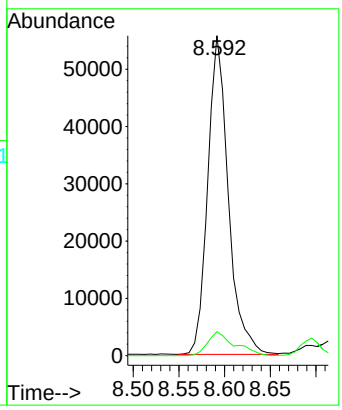
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

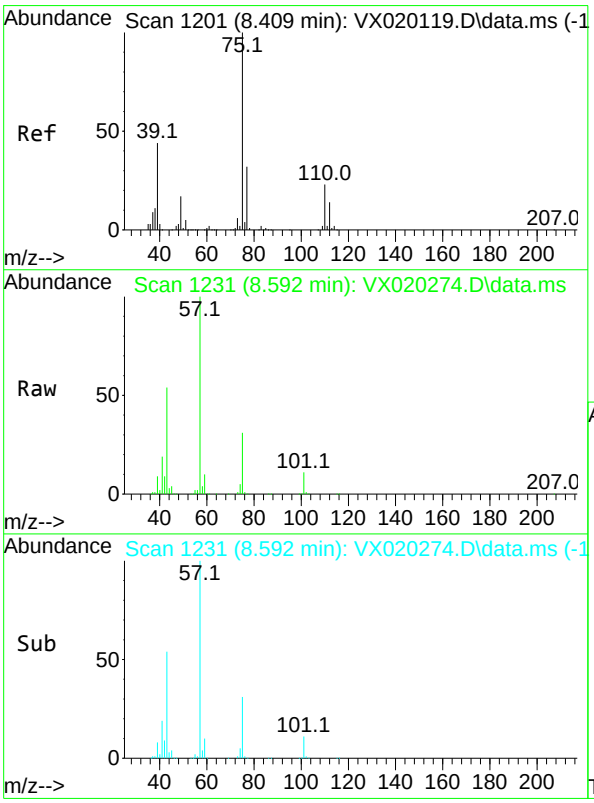


#51
4-Methyl-2-Pentanone
Concen: 19.72 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 43 Resp: 86969

Ion	Ratio	Lower	Upper
43	100		
58	9.9	35.4	53.0#

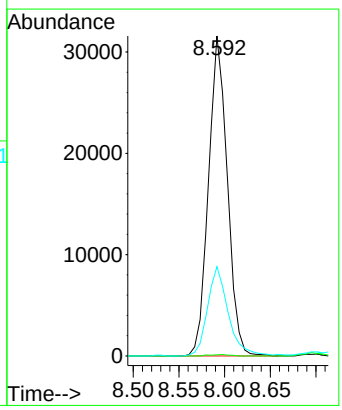




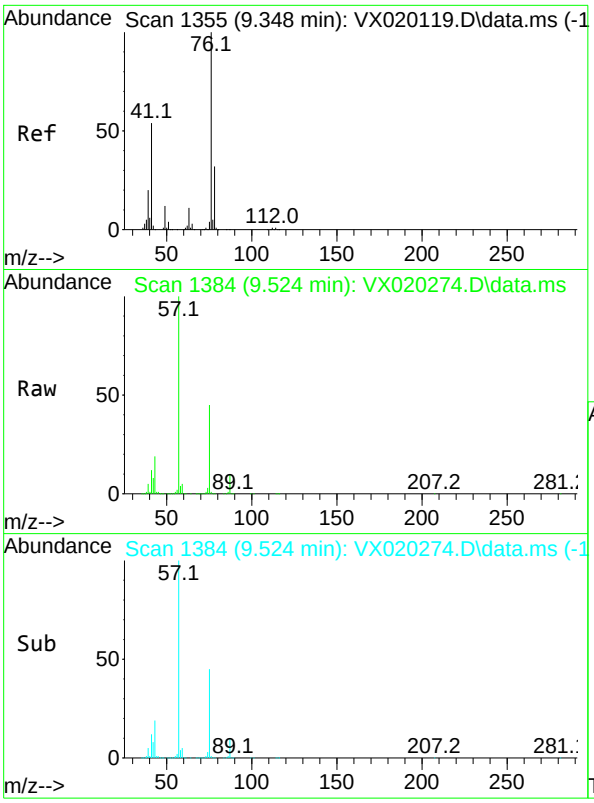
#54
cis-1,3-Dichloropropene
Concen: 8.40 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 75 Resp: 45178

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.7	38.5#
39	27.9	35.1	52.7#



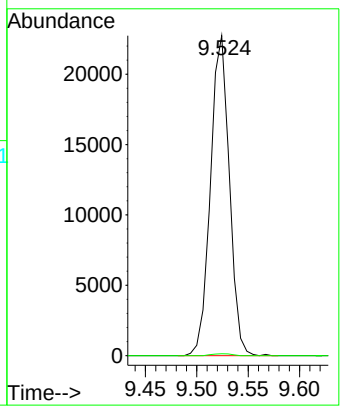
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

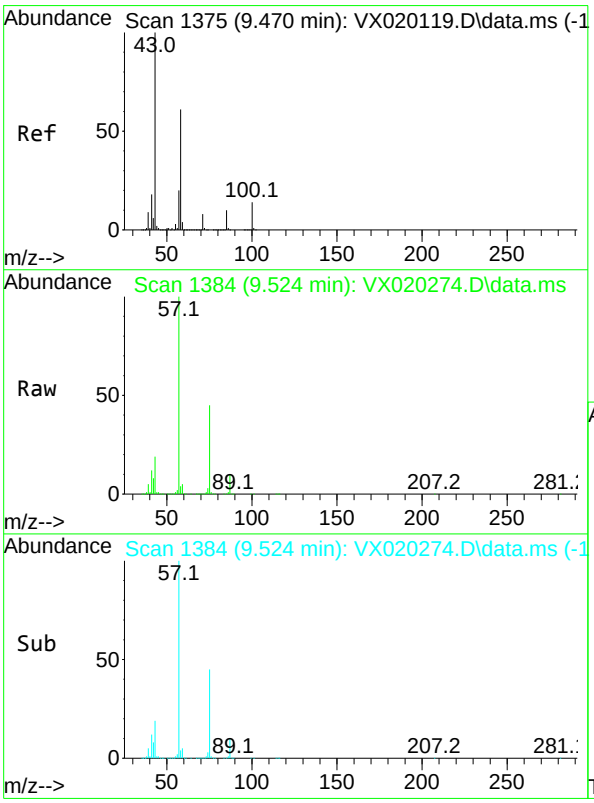


#57
1,3-Dichloropropane
Concen: 5.01 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.176 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 76 Resp: 29002

Ion	Ratio	Lower	Upper
76	100		
78	0.6	26.2	39.2#

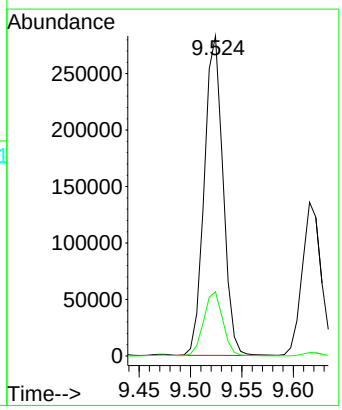




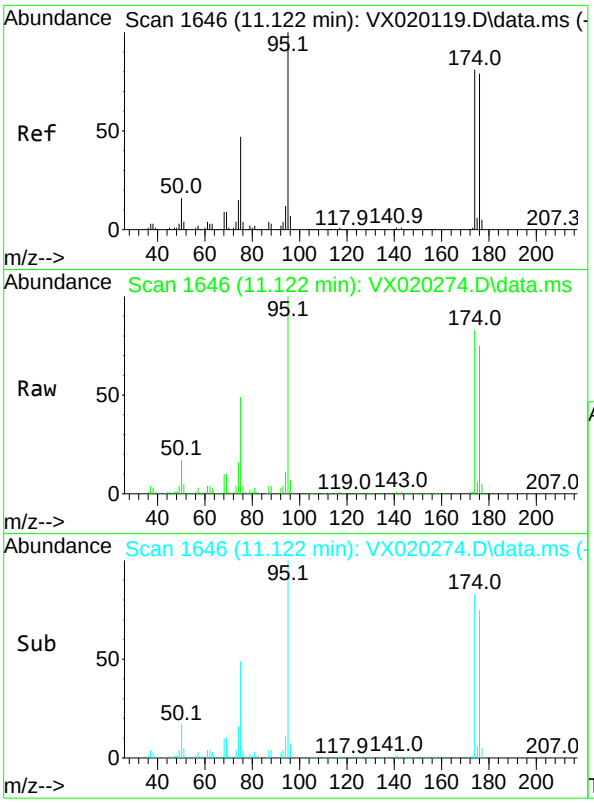
#59
2-Hexanone
Concen: 106.55 ug/l
RT: 9.524 min Scan# 1384
Delta R.T. 0.054 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 43 Resp: 358033

Ion	Ratio	Lower	Upper
43	100		
58	20.5	30.9	92.8#



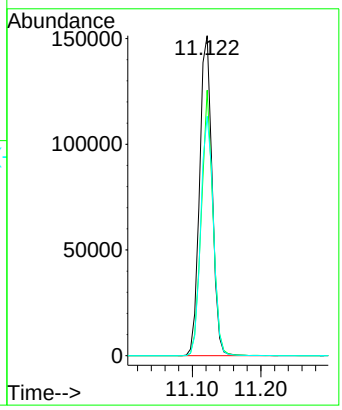
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

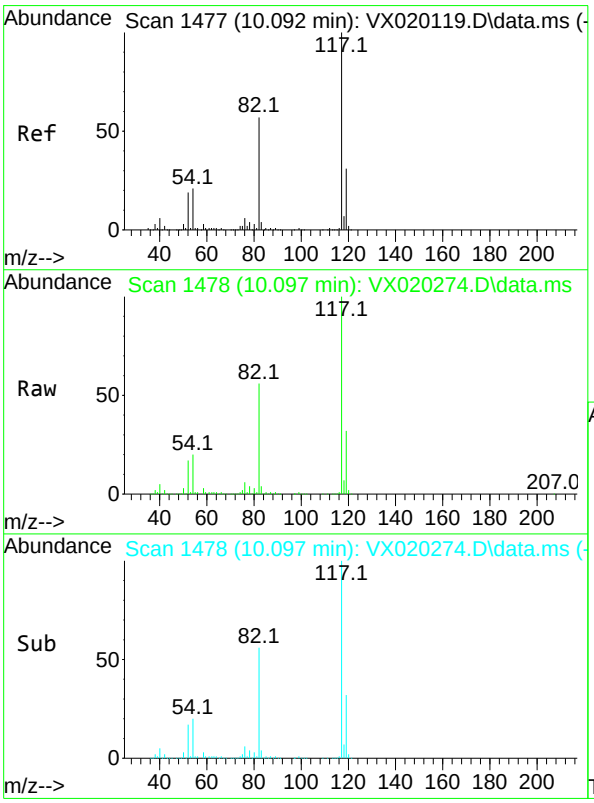


#62
4-Bromofluorobenzene
Concen: 46.49 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 95 Resp: 192465

Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	154.6
176	75.5	0.0	155.8

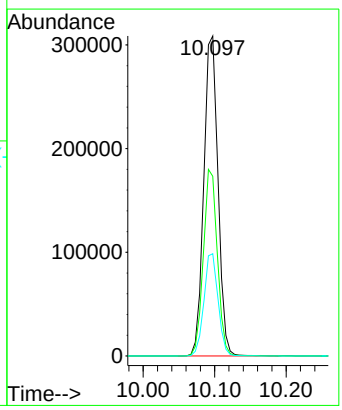




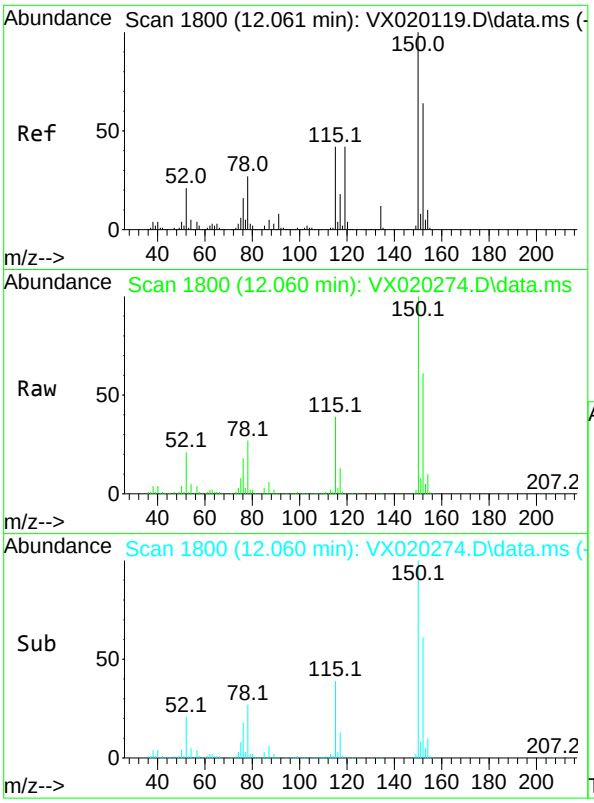
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion:117 Resp: 425865

Ion	Ratio	Lower	Upper
117	100		
82	56.1	47.4	71.2
119	32.0	26.6	39.8



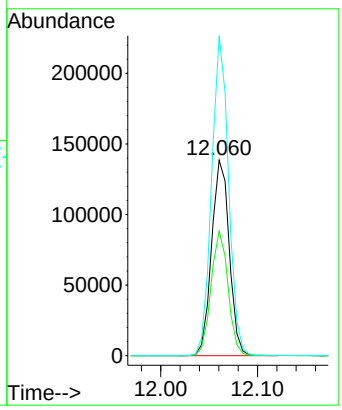
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

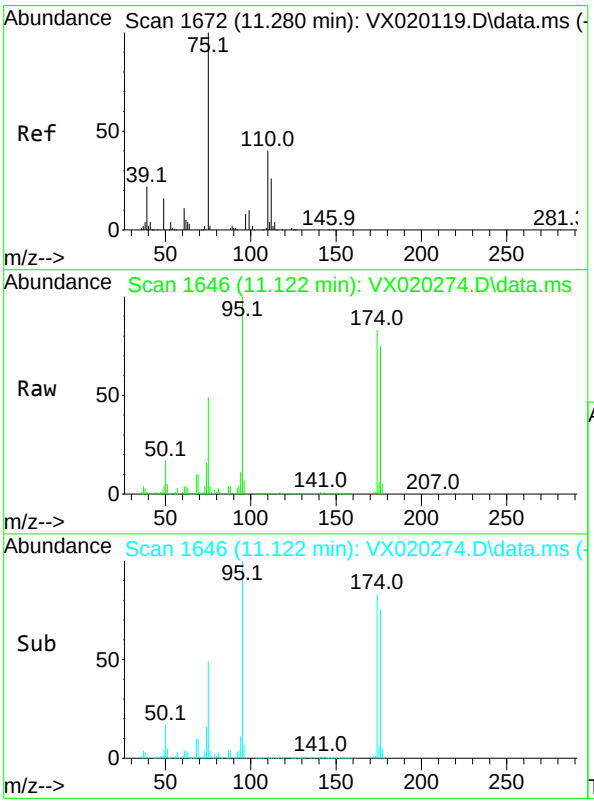


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.060 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion:152 Resp: 175674

Ion	Ratio	Lower	Upper
152	100		
115	61.5	41.1	123.3
150	156.6	0.0	349.0

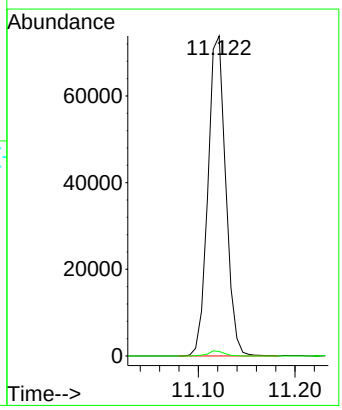




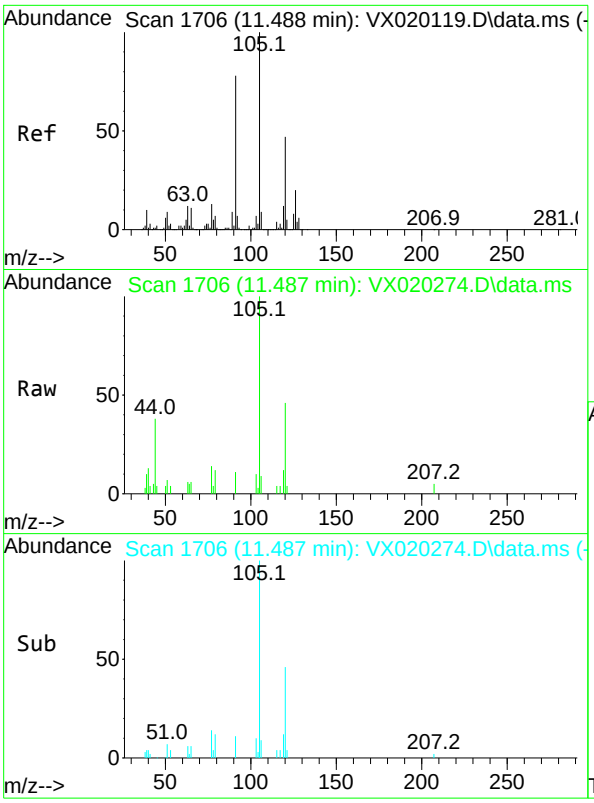
#76
1,2,3-Trichloropropane
Concen: 21.82 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 75 Resp: 94436

Ion	Ratio	Lower	Upper
75	100		
77	1.4	19.1	57.5#



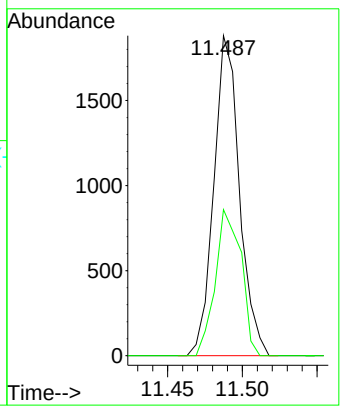
Instrument :
MSVOA_X
ClientSampleId :
PB133709ZHE#05

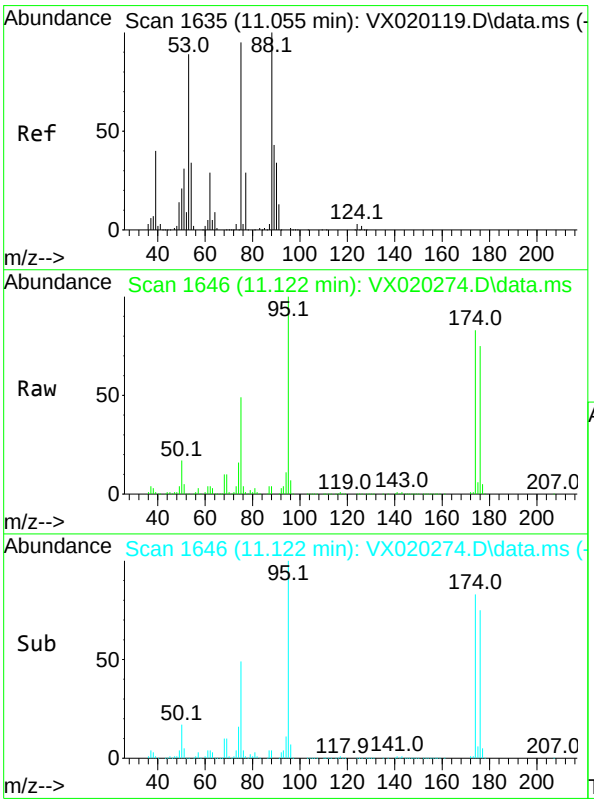


#80
1,3,5-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.487 min Scan# 1706
Delta R.T. -0.001 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion:105 Resp: 2241

Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.8	71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 64.74 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020274.D
Acq: 22 Dec 2020 01:23

Tgt Ion: 75 Resp: 94436

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