Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX113020\
Data File : VX019675.D
Acq On : 30 Nov 2020 13:13
Operator : JC/MD
Sample : PB133266ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : PB133266ZHE#02

Quant Time: Dec 01 02:38:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	5.63	168	303071	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.83	114	500052	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.10	117	434080	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178949	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.03	65	190242	48.41	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.82%				
35) Dibromofluoromethane	5.46	113	154387	49.19	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.38%				
50) Toluene-d8	8.70	98	592223	48.55	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.10%				
62) 4-Bromofluorobenzene	11.12	95	198101	45.14	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 90.28%				
Target Compounds							Qvalue
3) Chloromethane	1.28	50	1224	0.362	ug/l	#	41
5) Bromomethane	1.62	94	598	0.434	ug/l	#	75
6) Chloroethane	1.68	64	1111	Below Cal		#	41
11) Tert butyl alcohol	2.99	59	12230	16.445	ug/l	#	78
16) Acetone	2.43	43	12101	7.963	ug/l		99
18) Methyl Acetate	2.75	43	4889	1.930	ug/l		97
20) Methylene Chloride	2.83	84	14412	3.794	ug/l		97
25) 2-Butanone	4.65	43	2243	0.983	ug/l		98
29) Tetrahydrofuran	5.11	42	1715	1.177	ug/l	#	83
31) Cyclohexane	5.63	56	5819	1.139	ug/l	#	1
36) 1,1-Dichloropropene	5.63	75	23037	4.914	ug/l	#	50
38) Carbon Tetrachloride	5.63	117	29395	6.478	ug/l	#	16
43) Isopropyl Acetate	6.42	43	82664	11.174	ug/l		100
48) Methyl methacrylate	7.65	41	4516	1.303	ug/l	#	9
49) 1,4-Dioxane	7.85	88	306	3.890	ug/l	#	1
51) 4-Methyl-2-Pentanone	8.59	43	77603	17.988	ug/l	#	48
54) cis-1,3-Dichloropropene	8.59	75	41204	7.300	ug/l	#	59
56) Ethyl methacrylate	9.29	69	1208	0.238	ug/l	#	1
57) 1,3-Dichloropropane	9.52	76	7483	1.245	ug/l	#	43
59) 2-Hexanone	9.52	43	87114	26.625	ug/l	#	48
70) Styrene	10.70	104	321	1.676	ug/l	#	50
74) N-amyl acetate	10.81	43	3389	0.731	ug/l	#	43
76) 1,2,3-Trichloropropane	11.12	75	96314	24.663	ug/l	#	37
80) 1,3,5-Trimethylbenzene	11.49	105	2413	0.232	ug/l		99
81) trans-1,4-Dichloro-2-buten	11.12	75	96314	65.205	ug/l	#	12
95) Naphthalene	13.82	128	649	2.225	ug/l	#	83

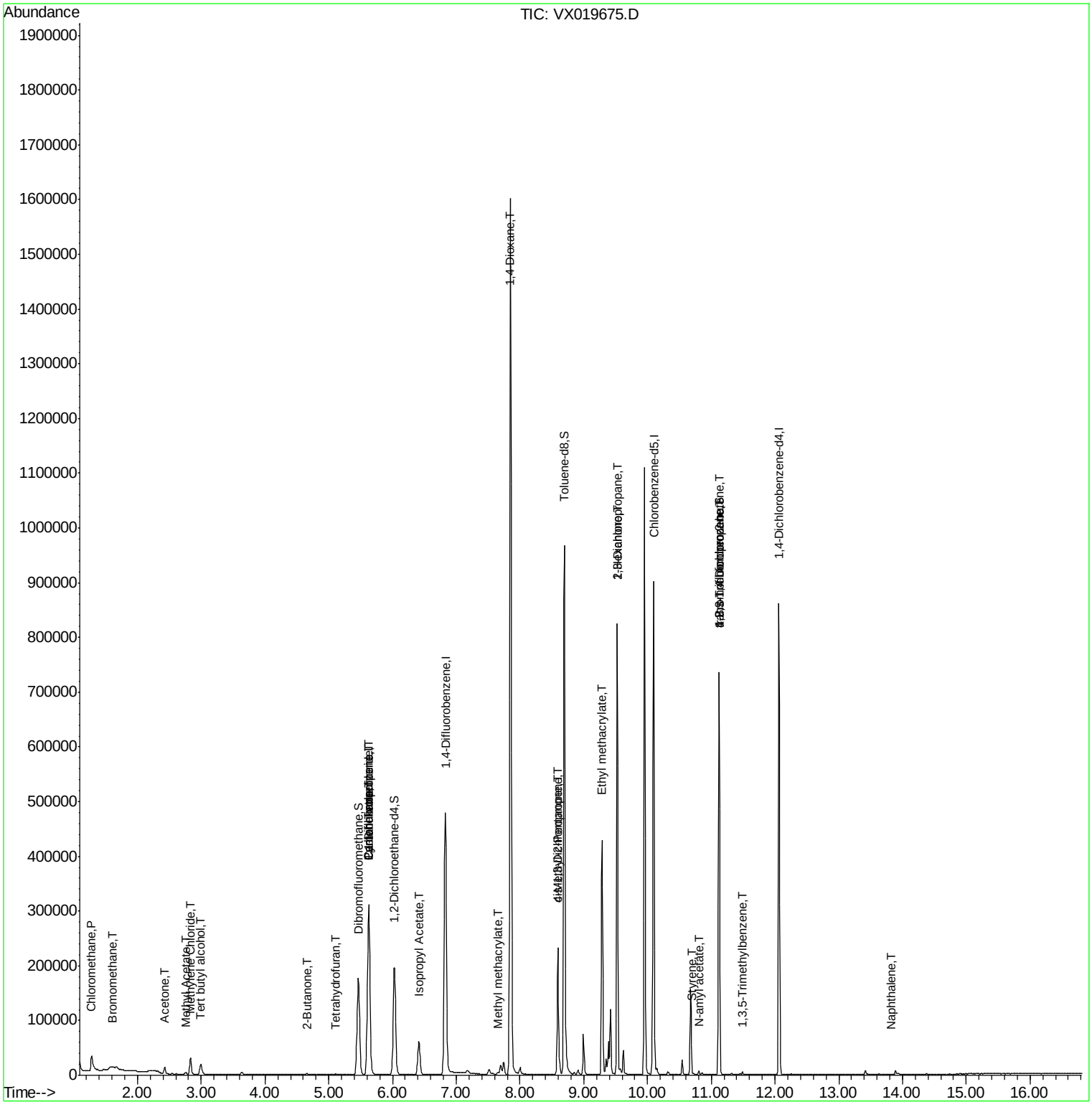
(#) = qualifier out of range (m) = manual integration (+) = signals summed

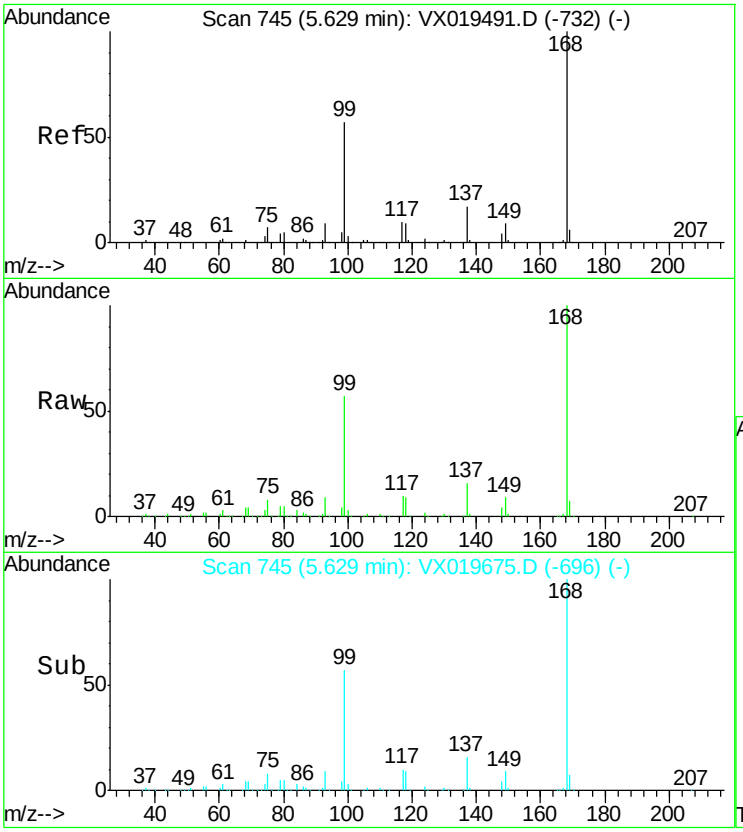
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX113020\
Data File : VX019675.D
Acq On : 30 Nov 2020 13:13
Operator : JC/MD
Sample : PB133266ZHE#02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Quant Time: Dec 01 02:38:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration



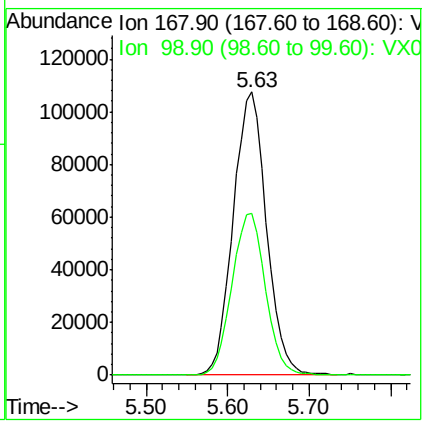


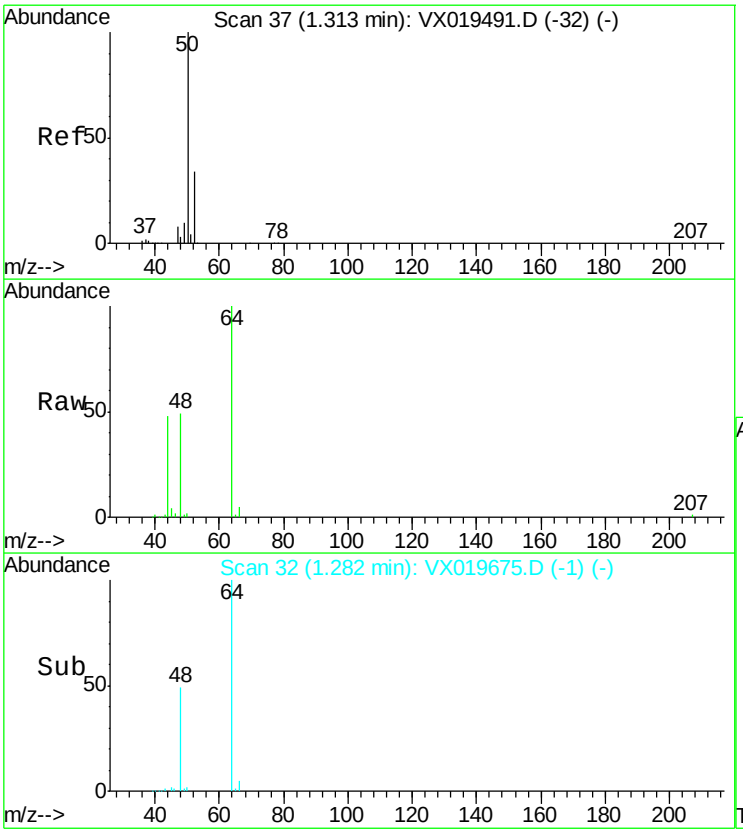
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion:168 Resp: 303071

Ion	Ratio	Lower	Upper
168	100		
99	57.1	45.8	68.6

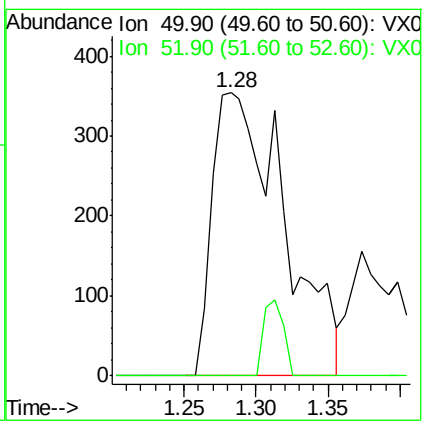


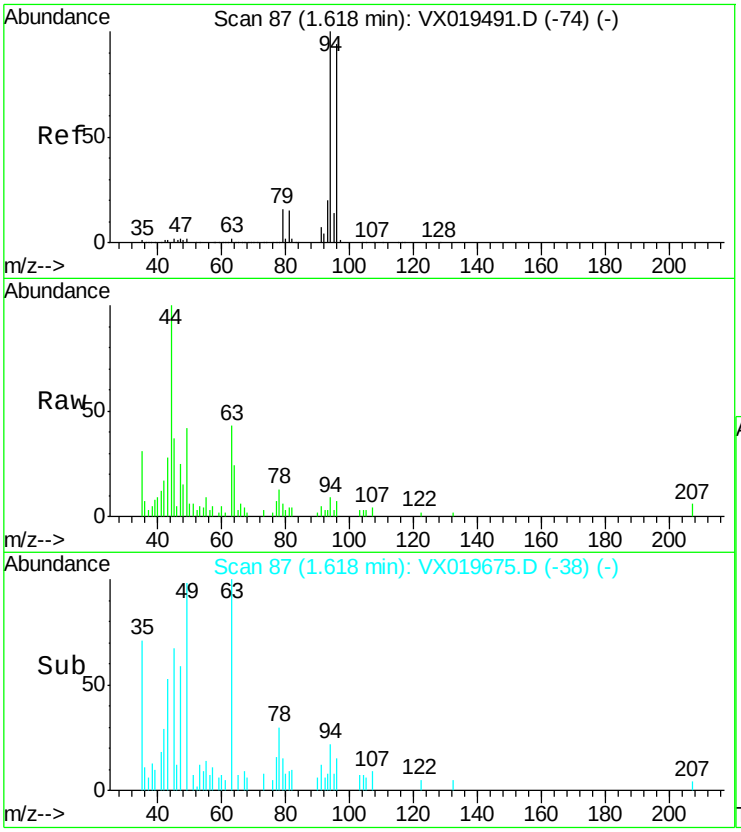


#3
Chloromethane
Concen: 0.362 ug/l
RT: 1.28 min Scan# 32
Delta R.T. -0.03 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion: 50 Resp: 1224

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.0	40.6#



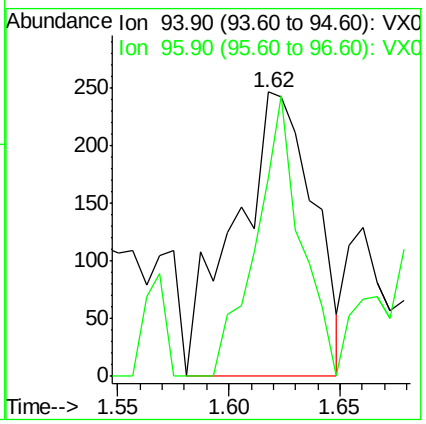


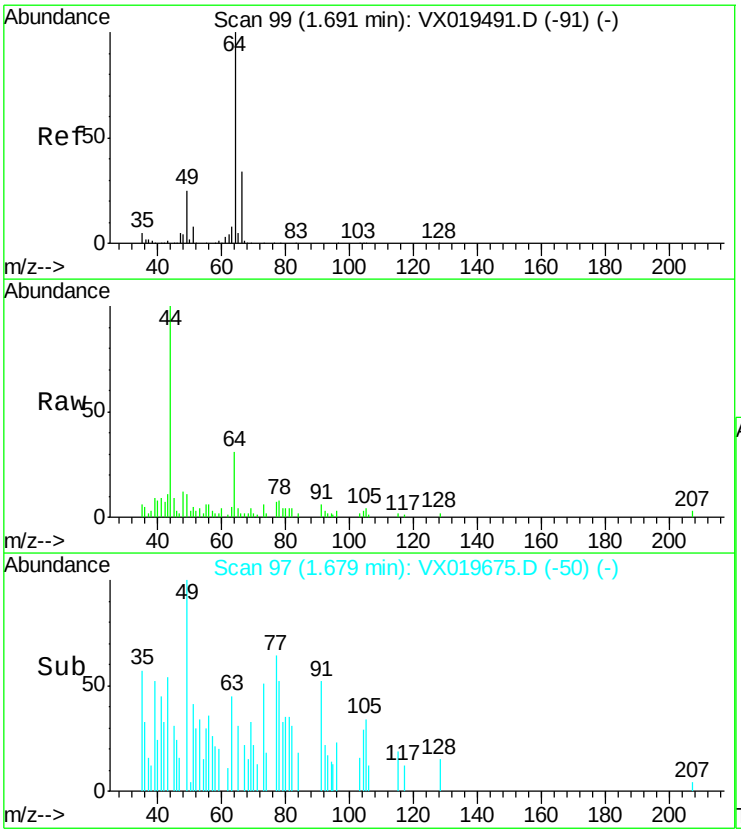
#5
Bromomethane
Concen: 0.434 ug/l
RT: 1.62 min Scan# 87
Delta R.T. -0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion: 94 Resp: 598

Ion	Ratio	Lower	Upper
94	100		
96	69.9	75.6	113.4#

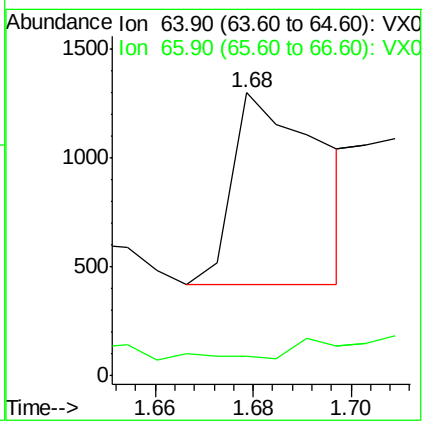


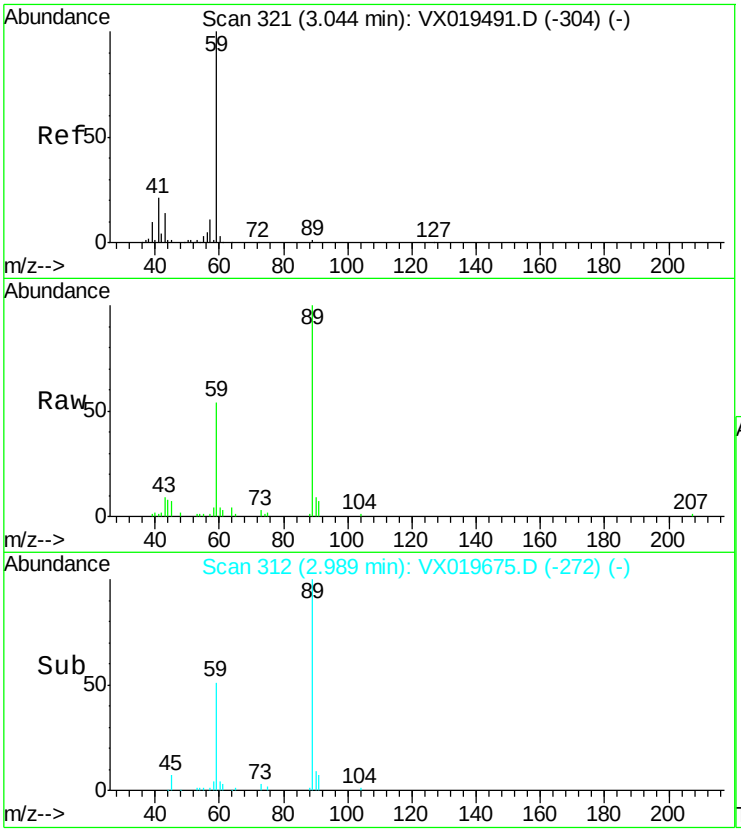


#6
Chloroethane
Concen: Below Cal
RT: 1.68 min Scan# 97
Delta R.T. -0.01 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion: 64 Resp: 1111

Ion	Ratio	Lower	Upper
64	100		
66	0.0	27.1	40.7#



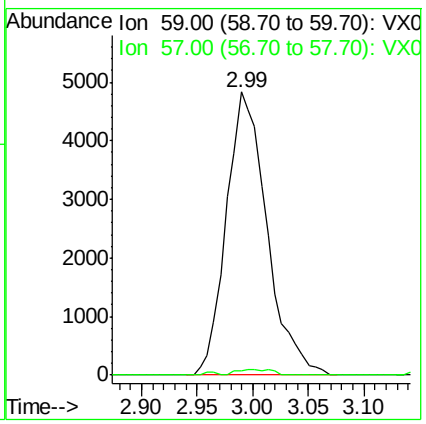


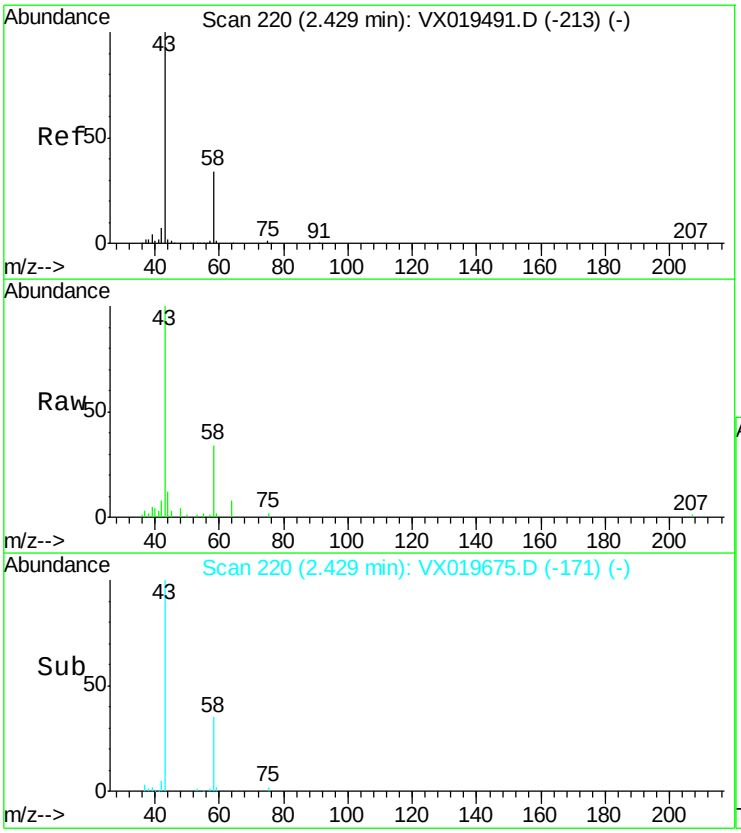
#11
Tert butyl alcohol
Concen: 16.445 ug/l
RT: 2.99 min Scan# 312
Delta R.T. -0.05 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion: 59 Resp: 12230

Ion	Ratio	Lower	Upper
59	100		
57	1.7	7.9	11.9#

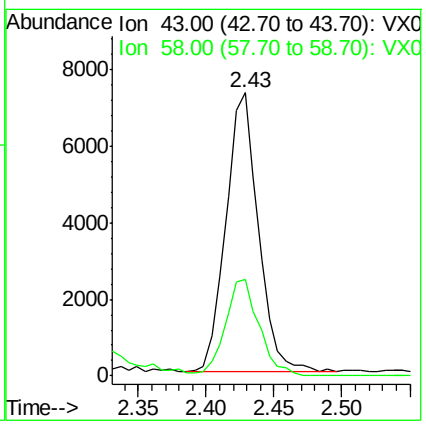


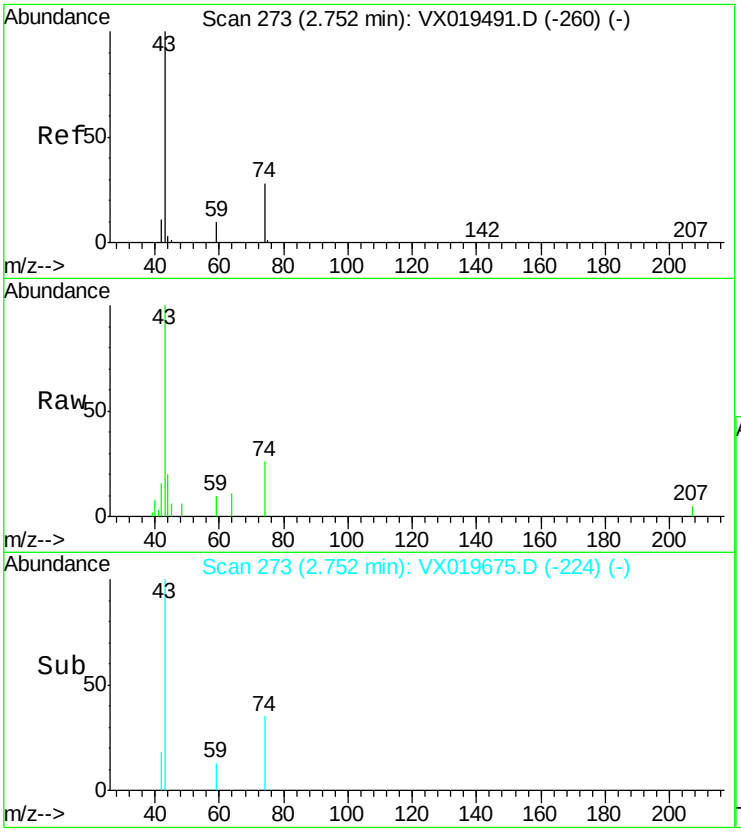


#16
Acetone
Concen: 7.963 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion: 43 Resp: 12101

Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.4	41.2



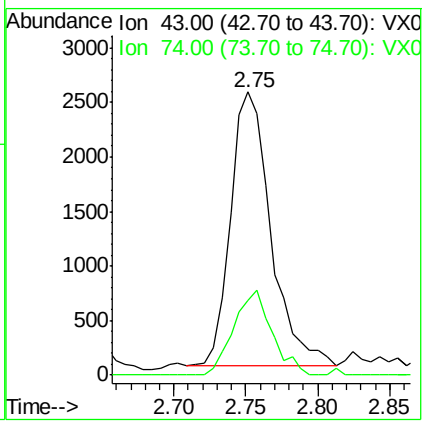


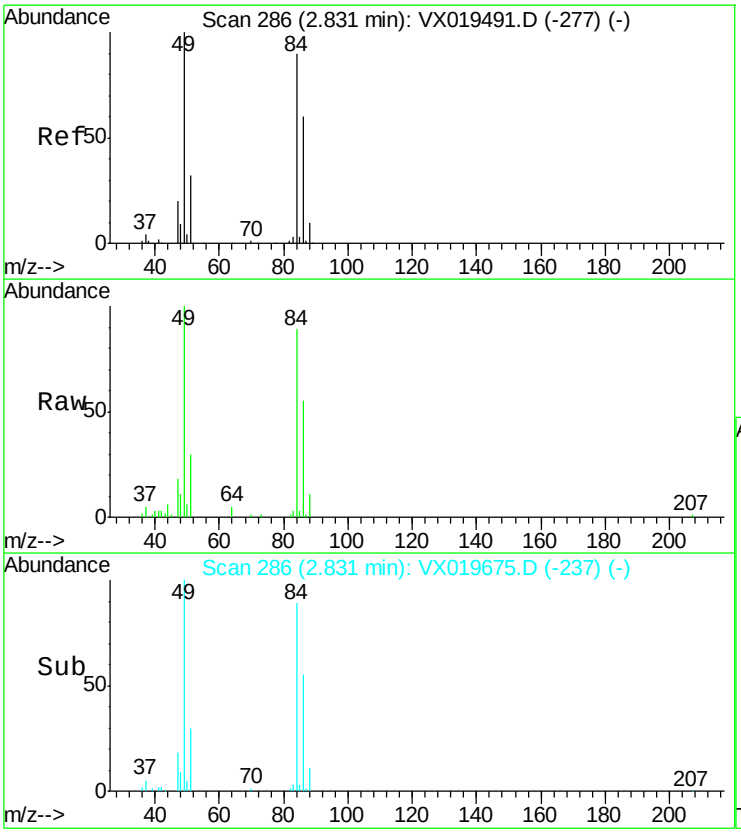
#18
Methyl Acetate
Concen: 1.930 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion: 43 Resp: 4889

Ion	Ratio	Lower	Upper
43	100		
74	29.2	22.2	33.4

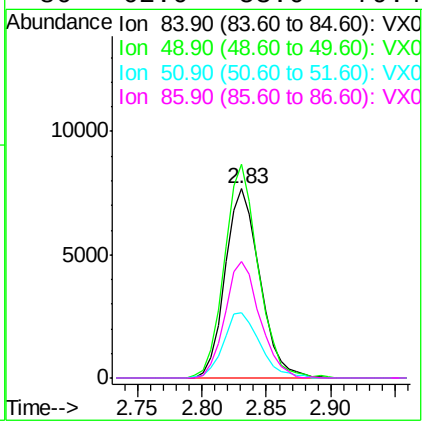


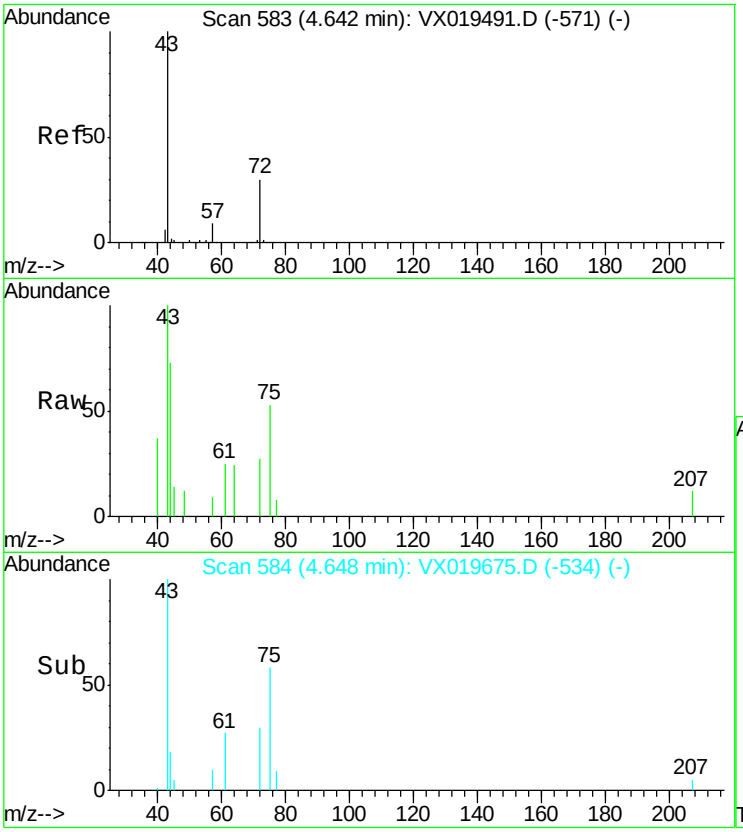


#20
Methylene Chloride
Concen: 3.794 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion: 84 Resp: 14412

Ion	Ratio	Lower	Upper
84	100		
49	113.0	88.5	132.7
51	34.4	28.0	42.0
86	62.0	53.0	79.4



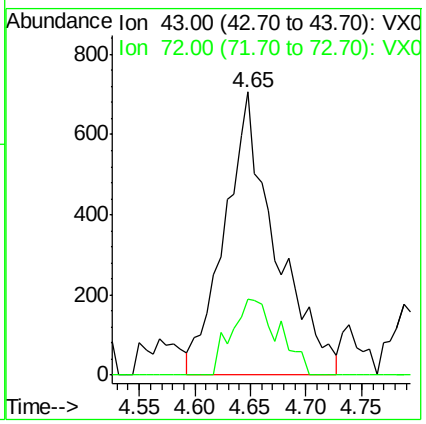


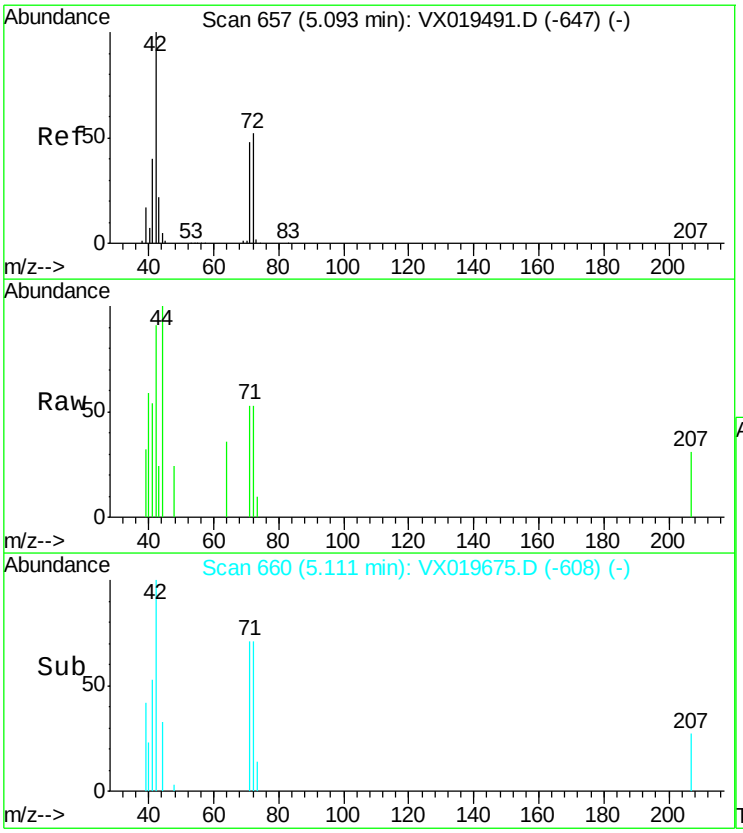
#25
2-Butanone
Concen: 0.983 ug/l
RT: 4.65 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion: 43 Resp: 2243

Ion	Ratio	Lower	Upper
43	100		
72	28.8	24.0	36.0

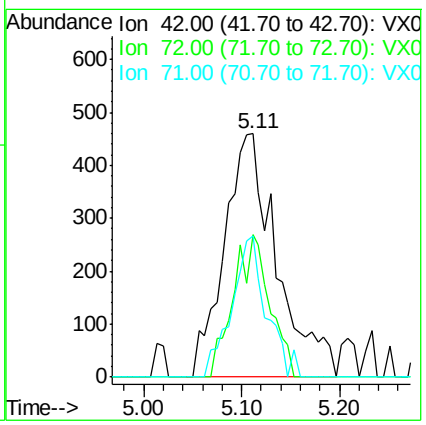


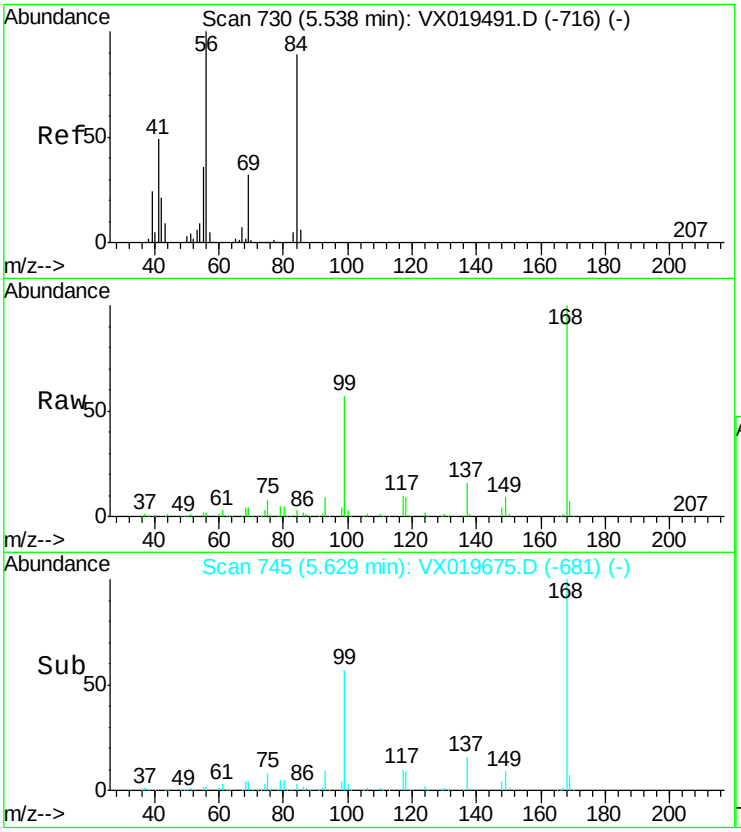


#29
Tetrahydrofuran
Concen: 1.177 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion: 42 Resp: 1715

Ion	Ratio	Lower	Upper
42	100		
72	40.6	42.6	63.8#
71	38.1	39.0	58.6#



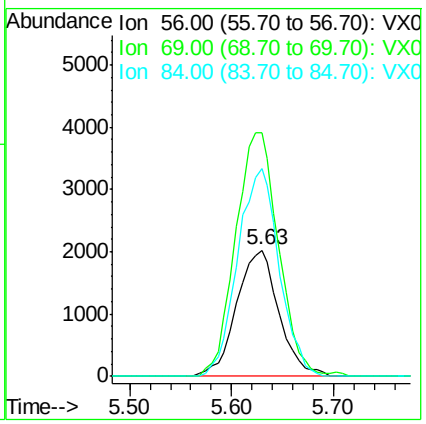


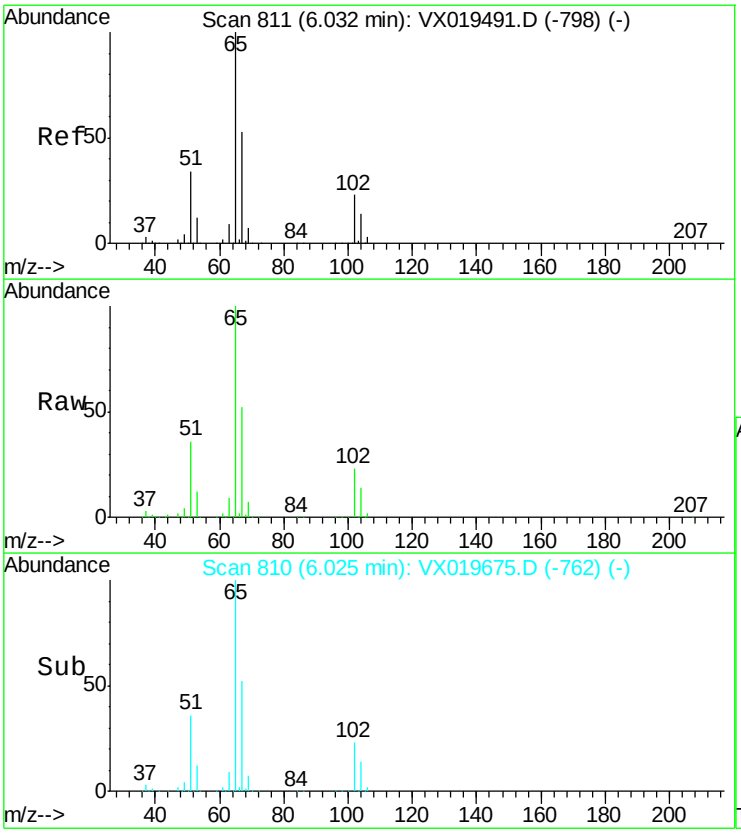
#31
Cyclohexane
Concen: 1.139 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion: 56 Resp: 5819

Ion	Ratio	Lower	Upper
56	100		
69	192.8	25.5	38.3#
84	164.4	71.1	106.7#

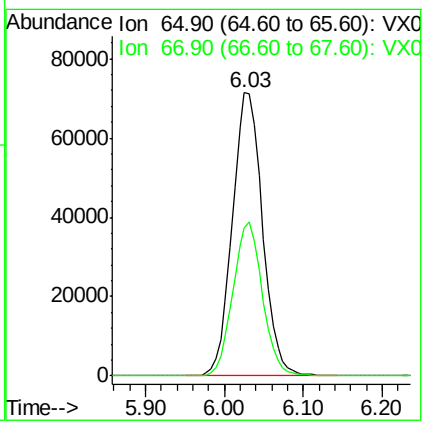


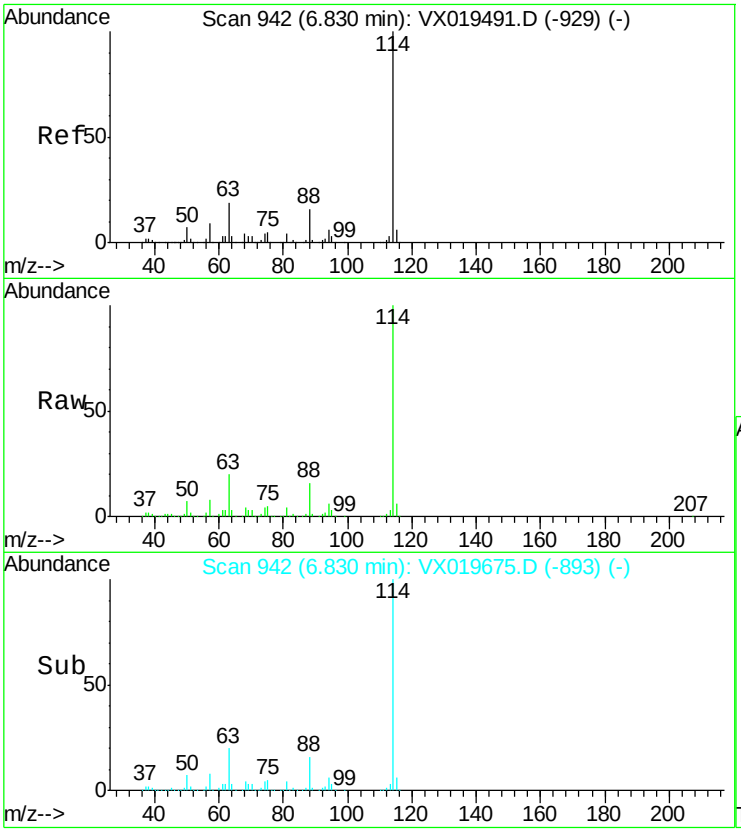


#33
1,2-Dichloroethane-d4
Concen: 48.413 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.01 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion: 65 Resp: 190242

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.0



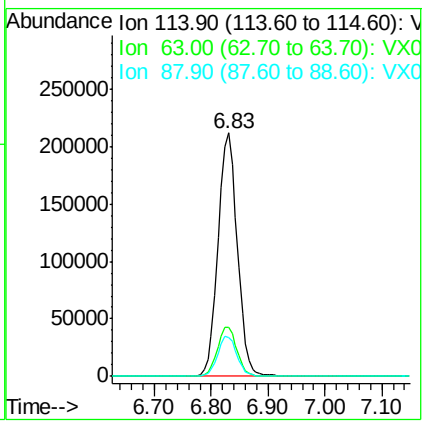


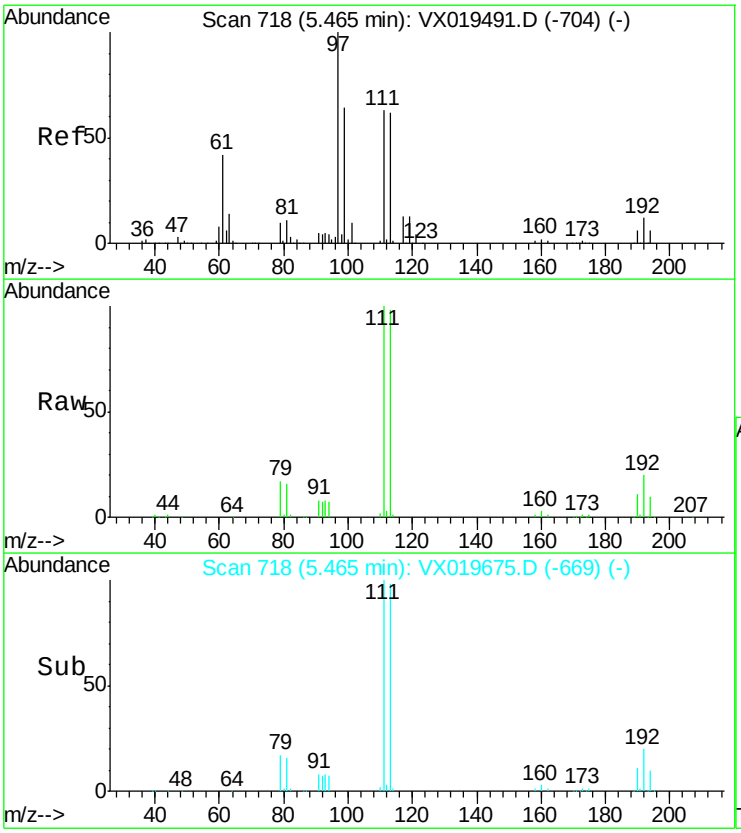
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. 0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion:114 Resp: 500052

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.8
88	16.0	0.0	31.6

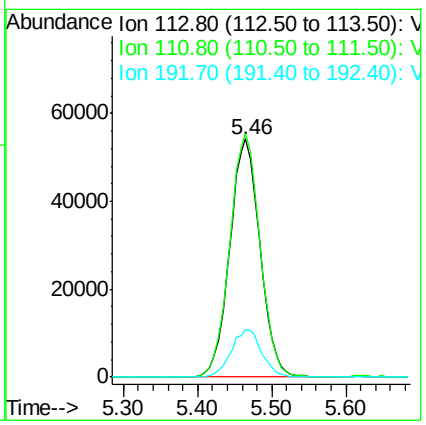


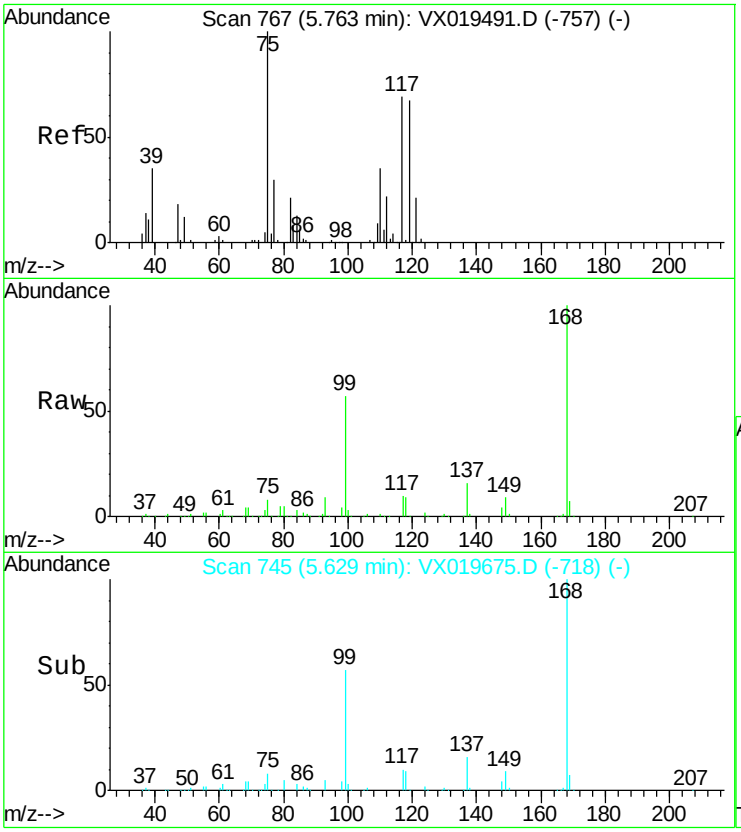


#35
Dibromofluoromethane
Concen: 49.186 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion:113 Resp: 154387

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	20.0	16.2	24.2



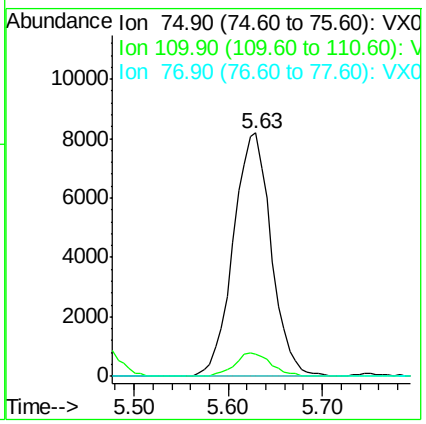


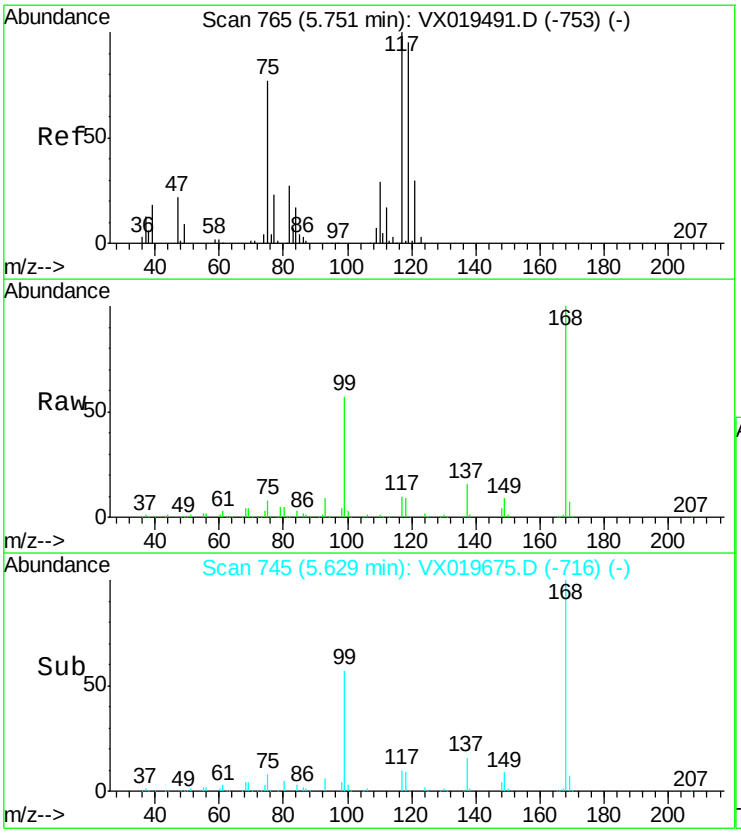
#36
1,1-Dichloropropene
Concen: 4.914 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion: 75 Resp: 23037

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.3#
77	0.0	24.2	36.4#

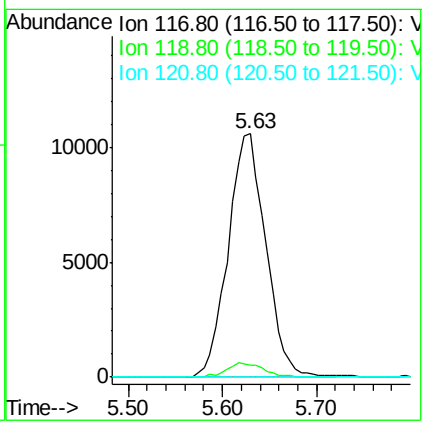


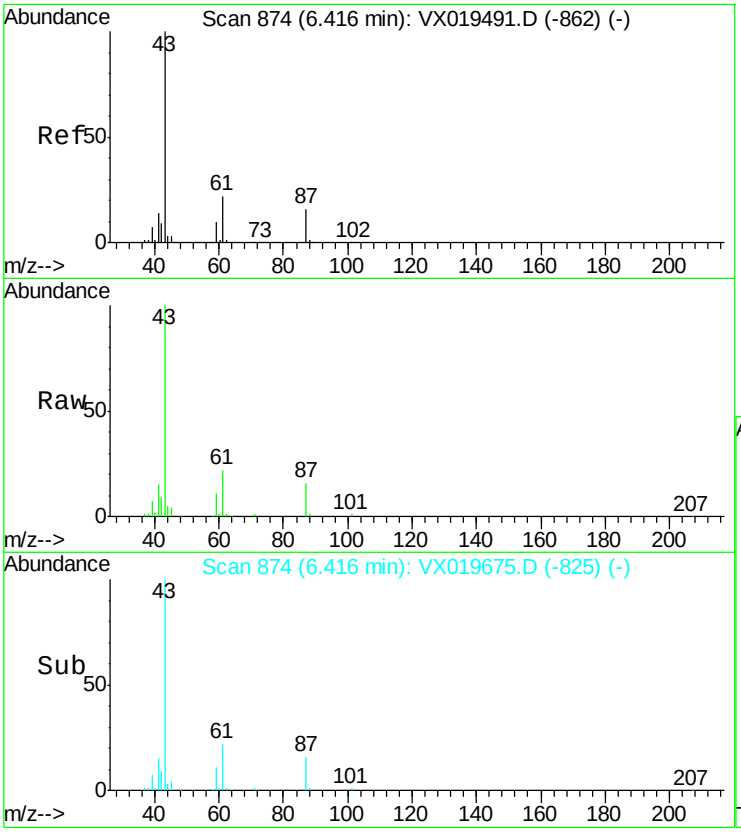


#38
Carbon Tetrachloride
Concen: 6.478 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion:117 Resp: 29395

Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.9	113.9#
121	0.0	24.0	36.0#



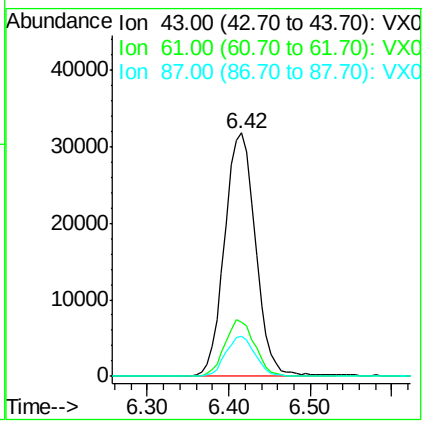


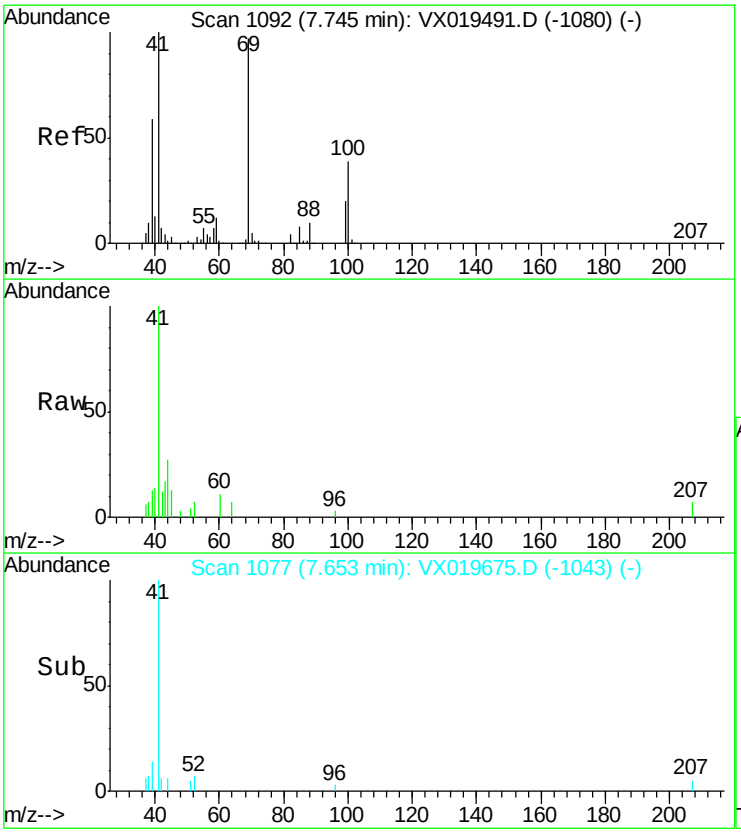
#43
Isopropyl Acetate
Concen: 11.174 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion: 43 Resp: 82664

Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.2
87	15.6	12.6	18.8

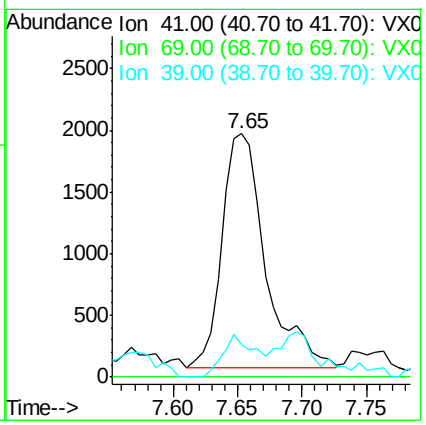


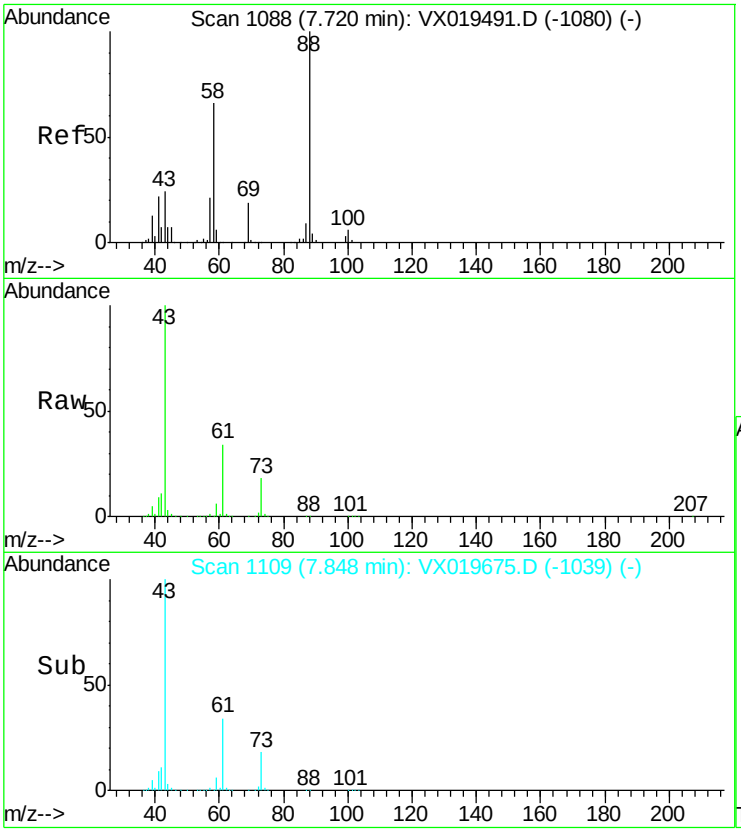


#48
Methyl methacrylate
Concen: 1.303 ug/l
RT: 7.65 min Scan# 1077
Delta R.T. -0.09 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion: 41 Resp: 4516

Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.0	115.6#
39	0.0	45.6	68.4#



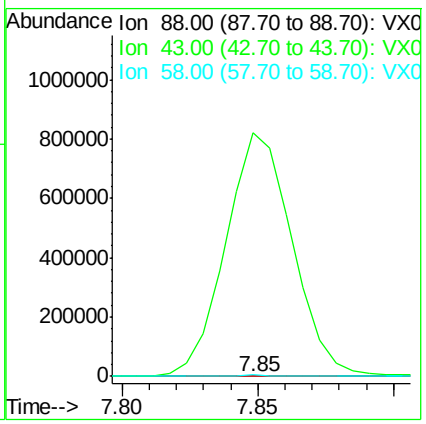


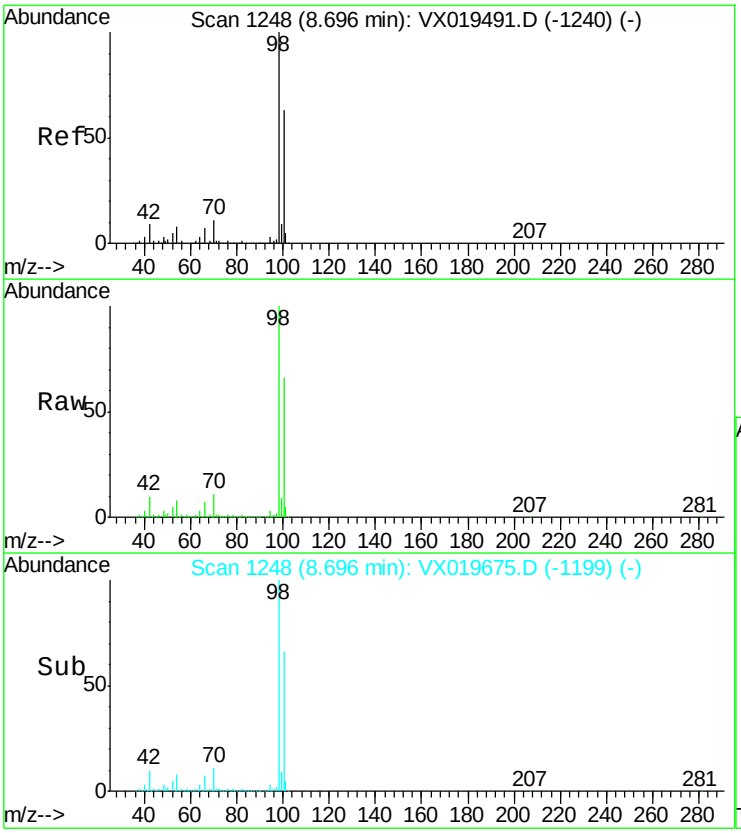
#49
1,4-Dioxane
Concen: 3.890 ug/l
RT: 7.85 min Scan# 1109
Delta R.T. 0.13 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument : MSVOA_X
ClientSampleId : PB133266ZHE#02

Tgt Ion: 88 Resp: 306

Ion	Ratio	Lower	Upper
88	100		
43	458691.8	23.8	35.6#
58	2177.1	54.2	81.2#

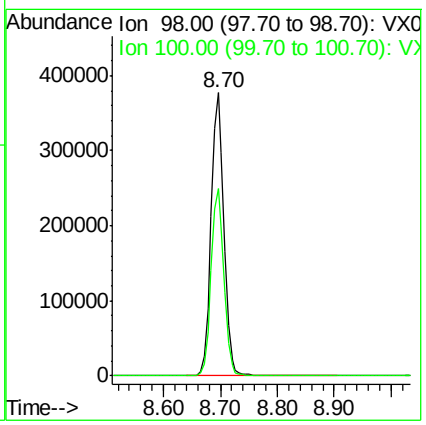


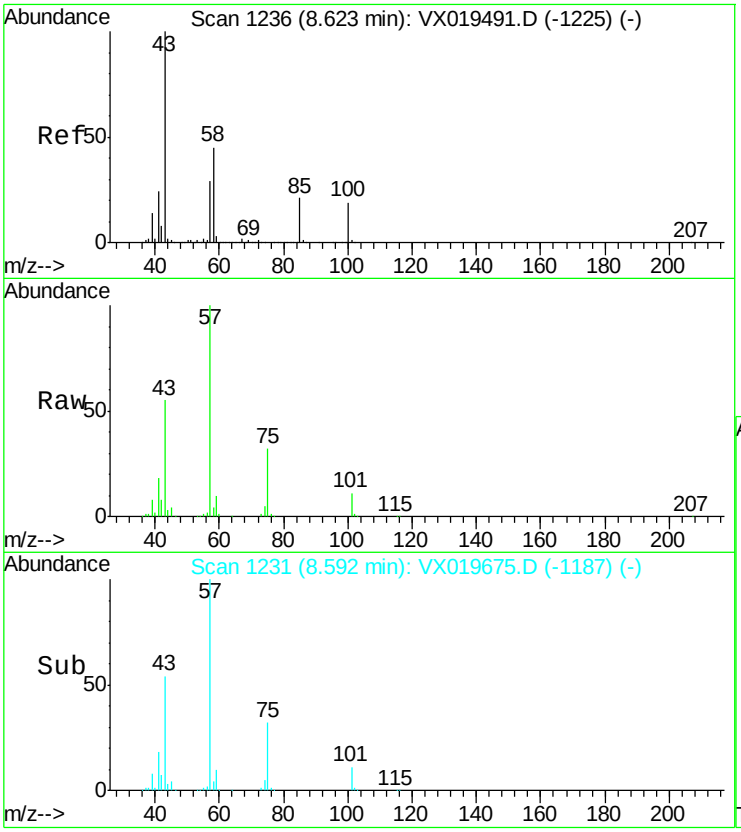


#50
Toluene-d8
Concen: 48.554 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion: 98 Resp: 592223

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6



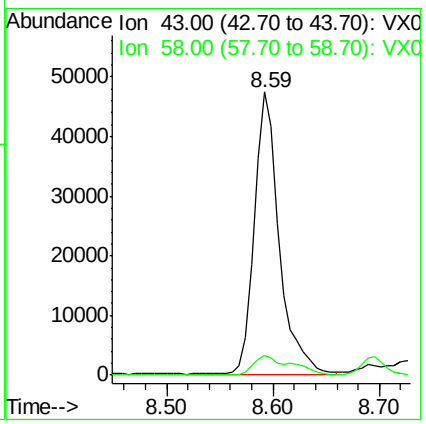


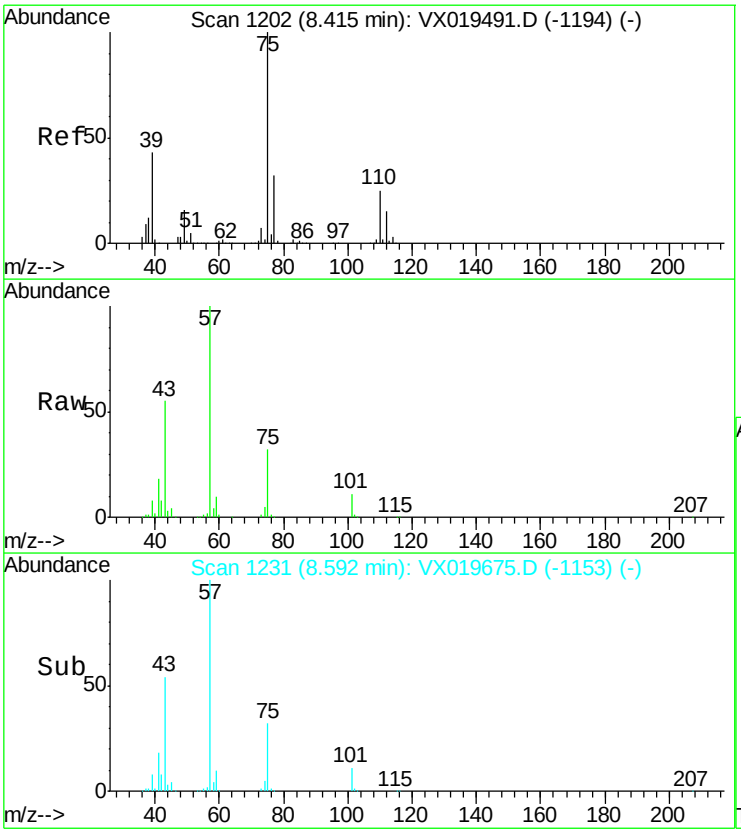
#51
4-Methyl-2-Pentanone
Concen: 17.988 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion: 43 Resp: 77603

Ion	Ratio	Lower	Upper
43	100		
58	10.6	35.1	52.7#

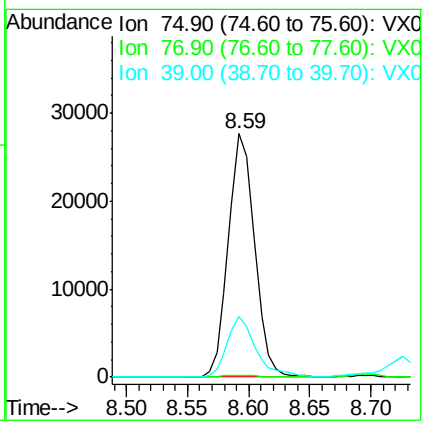


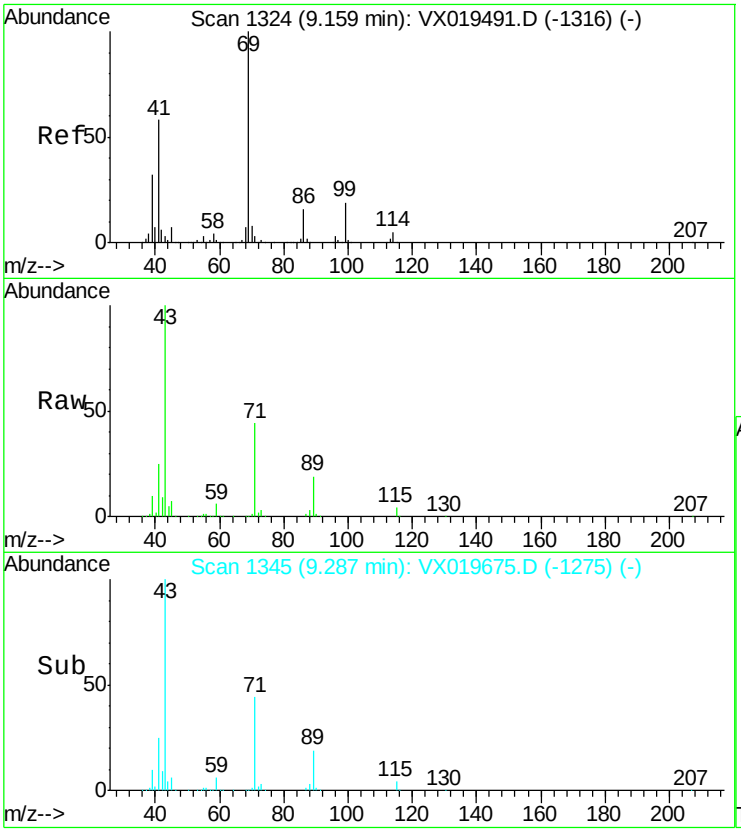


#54
cis-1,3-Dichloropropene
Concen: 7.300 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. 0.18 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion: 75 Resp: 41204

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.8	38.6#
39	24.9	34.6	51.8#



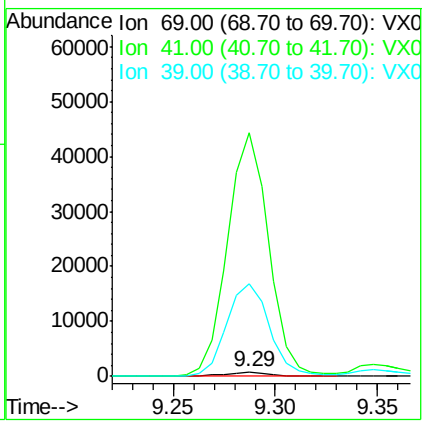


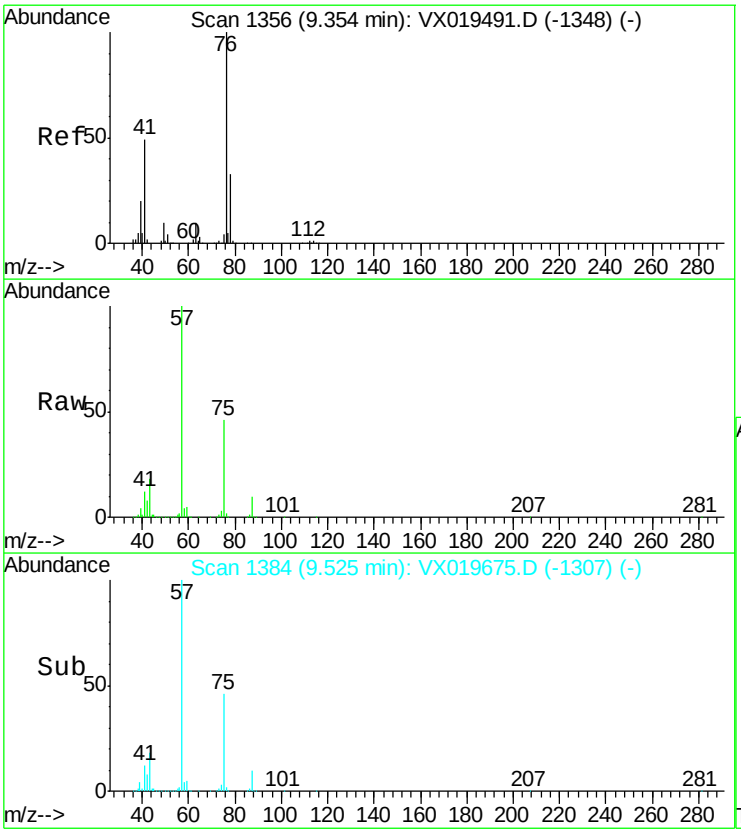
#56
Ethyl methacrylate
Concen: 0.238 ug/l
RT: 9.29 min Scan# 1345
Delta R.T. 0.13 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument : MSVOA_X
ClientSampleId : PB133266ZHE#02

Tgt Ion: 69 Resp: 1208

Ion	Ratio	Lower	Upper
69	100		
41	5125.1	46.2	69.2#
39	2054.2	25.5	38.3#

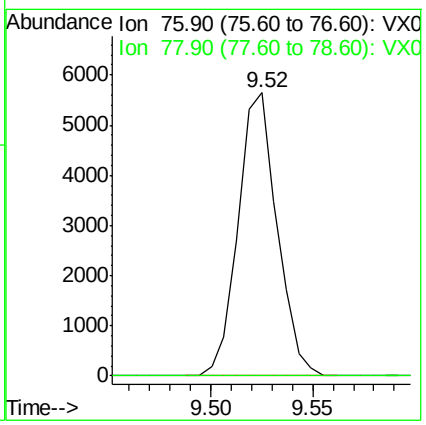


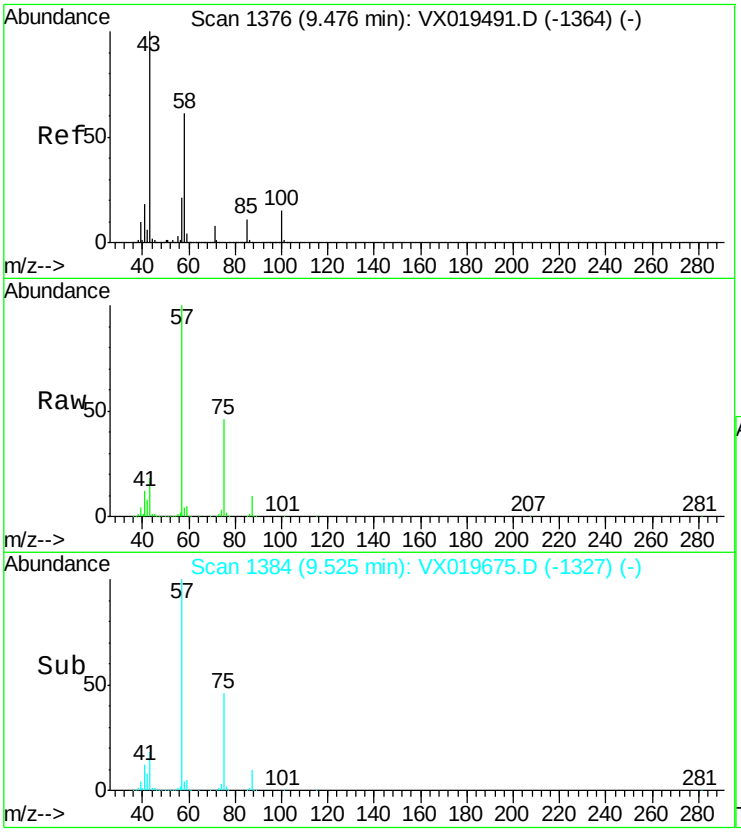


#57
1,3-Dichloropropane
Concen: 1.245 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.17 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion: 76 Resp: 7483

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#



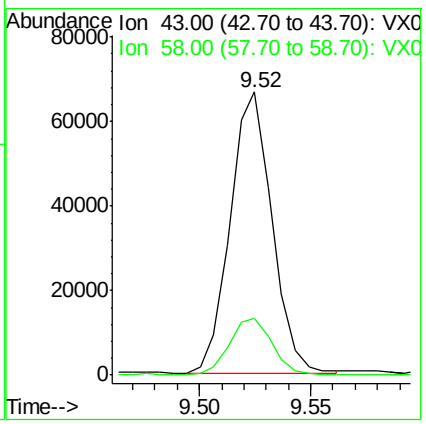


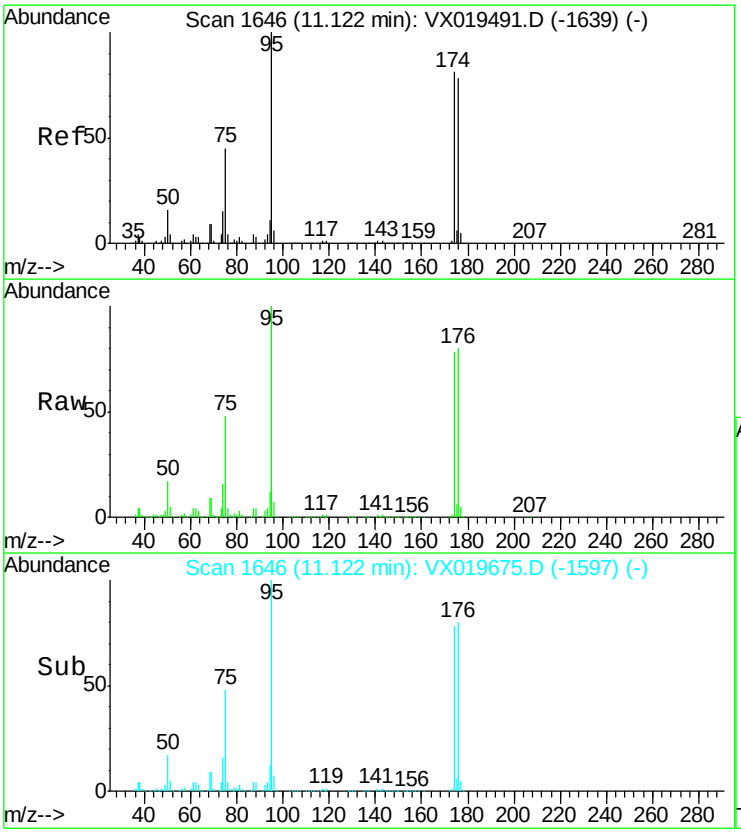
#59
2-Hexanone
Concen: 26.625 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion: 43 Resp: 87114

Ion	Ratio	Lower	Upper
43	100		
58	21.0	30.6	91.6#

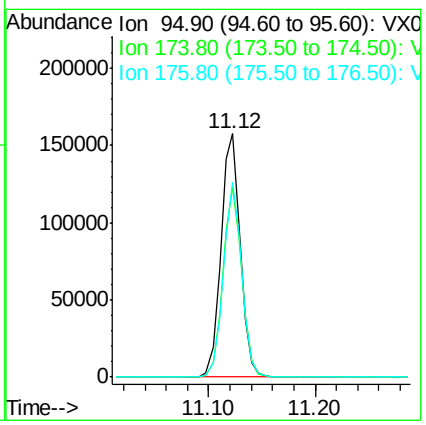


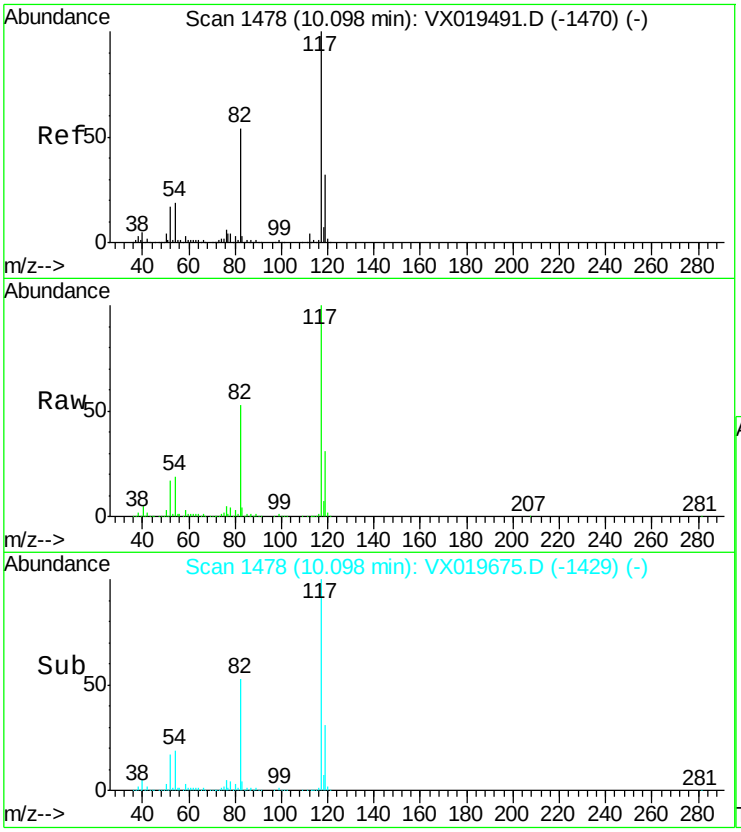


#62
4-Bromofluorobenzene
Concen: 45.142 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion: 95 Resp: 198101

Ion	Ratio	Lower	Upper
95	100		
174	76.6	0.0	156.2
176	76.5	0.0	151.4



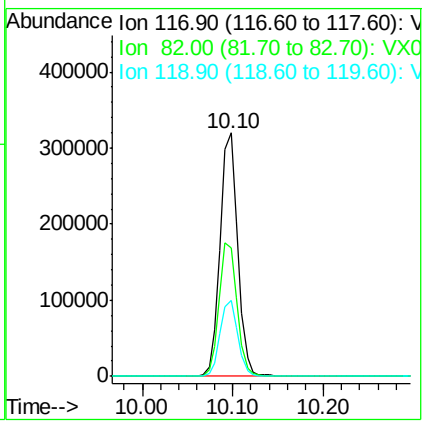


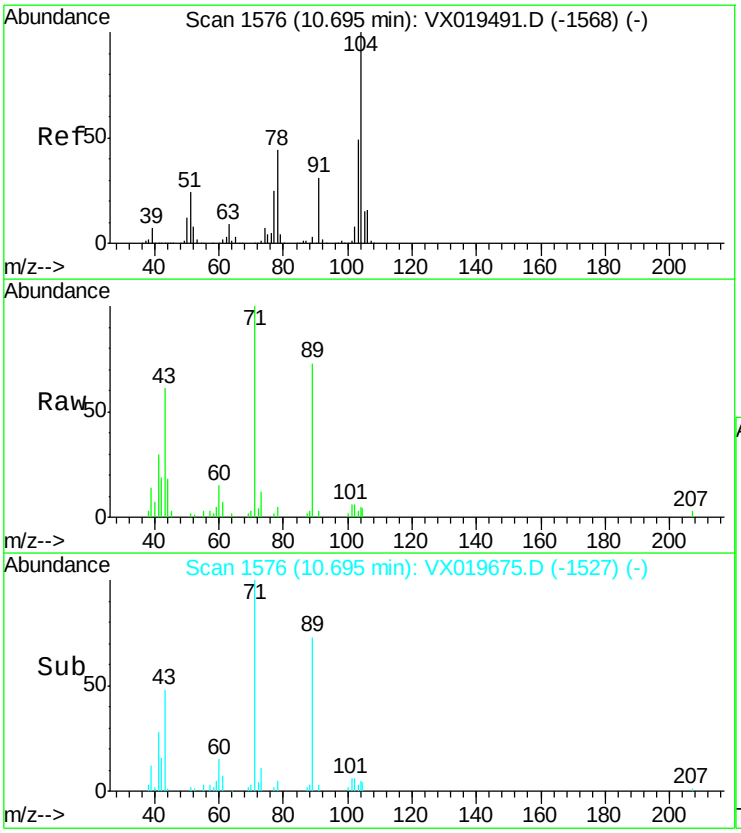
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument : MSVOA_X
ClientSampleId : PB133266ZHE#02

Tgt Ion:117 Resp: 434080

Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.0	64.4
119	31.4	25.6	38.4

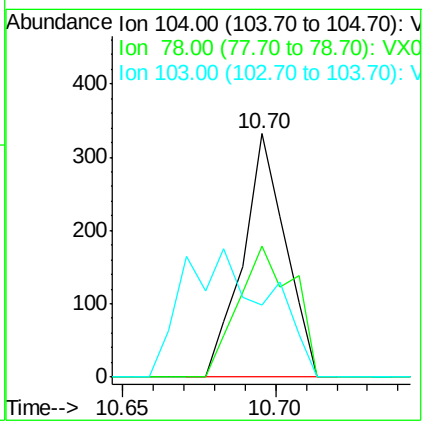


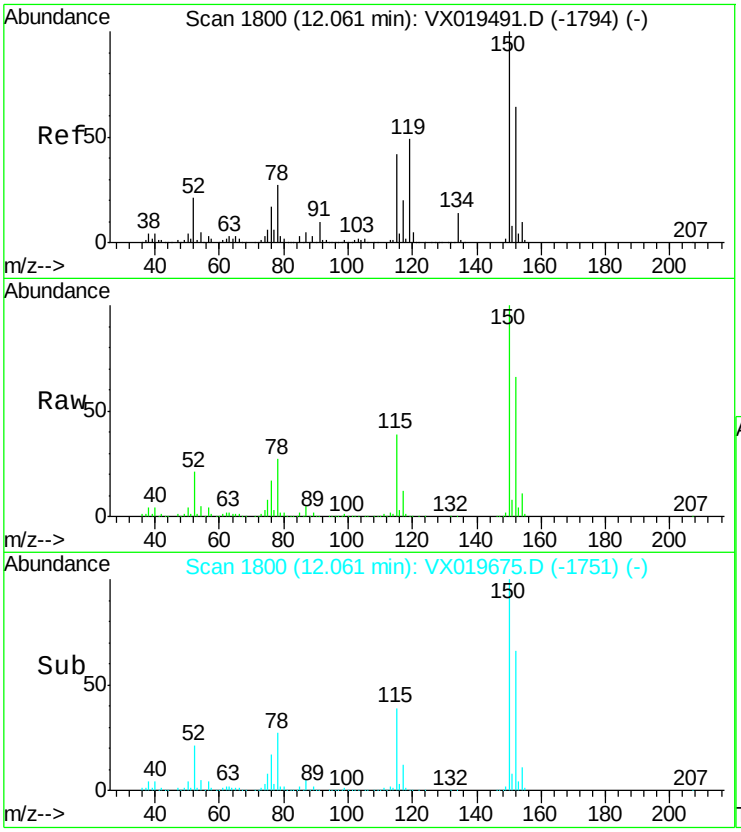


#70
Styrene
Concen: 1.676 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion:104 Resp: 321

Ion	Ratio	Lower	Upper
104	100		
78	69.5	39.5	59.3#
103	104.4	43.6	65.4#



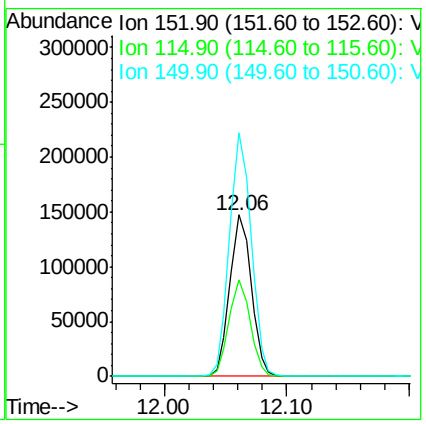


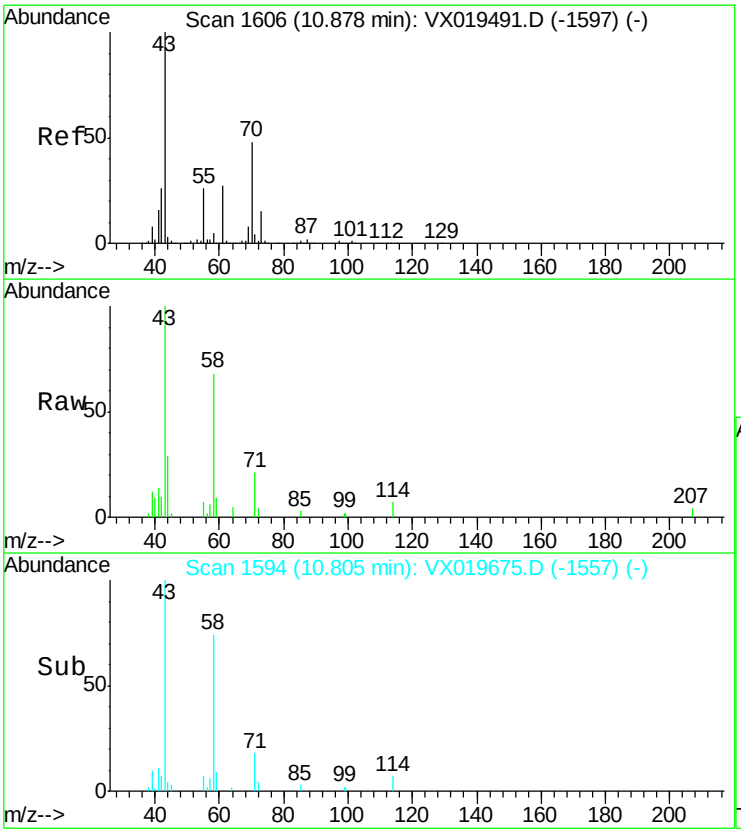
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument : MSVOA_X
ClientSampleId : PB133266ZHE#02

Tgt Ion:152 Resp: 178949

Ion	Ratio	Lower	Upper
152	100		
115	59.2	41.8	125.4
150	152.5	0.0	348.2

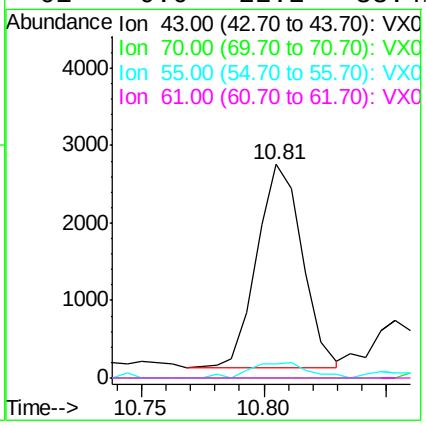


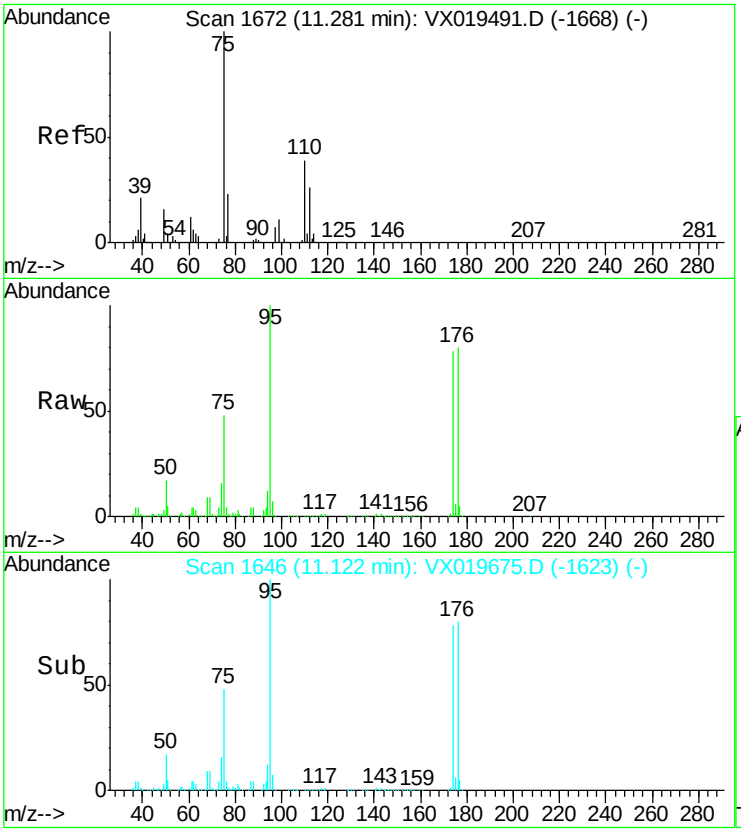


#74
N-amyl acetate
Concen: 0.731 ug/l
RT: 10.81 min Scan# 1594
Delta R.T. -0.07 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion: 43 Resp: 3389

Ion	Ratio	Lower	Upper
43	100		
70	0.0	39.7	59.5#
55	10.1	21.8	32.6#
61	0.0	22.2	33.4#



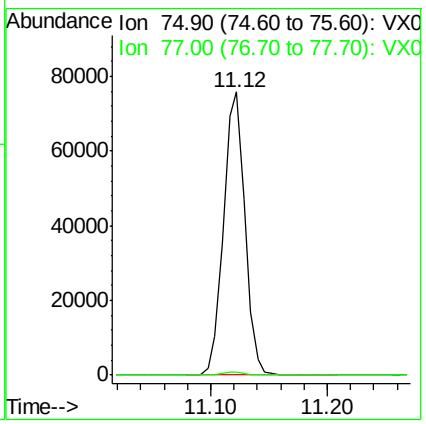


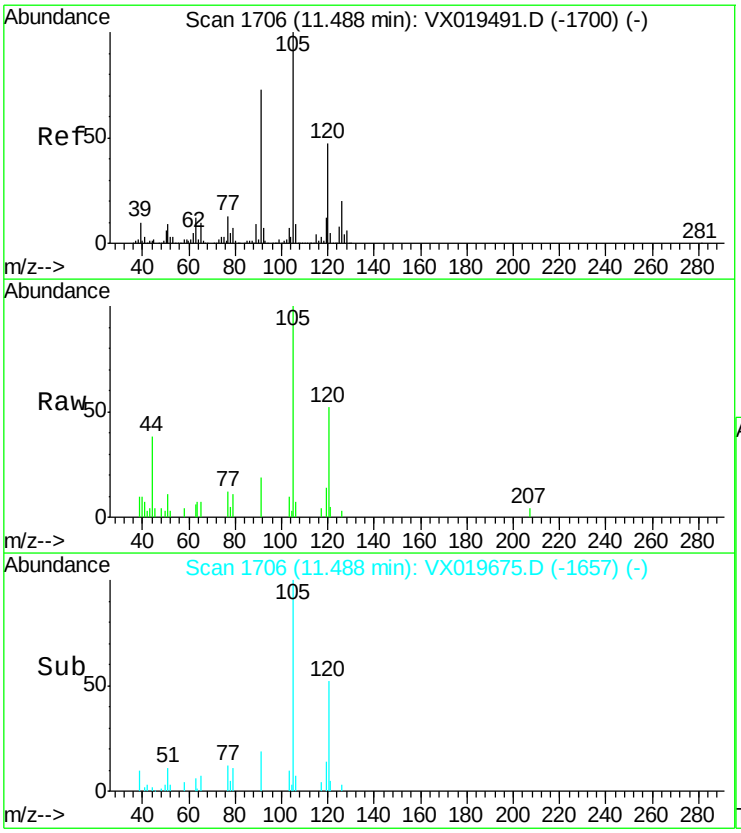
#76
1,2,3-Trichloropropane
Concen: 24.663 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.16 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion: 75 Resp: 96314

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	60.0#

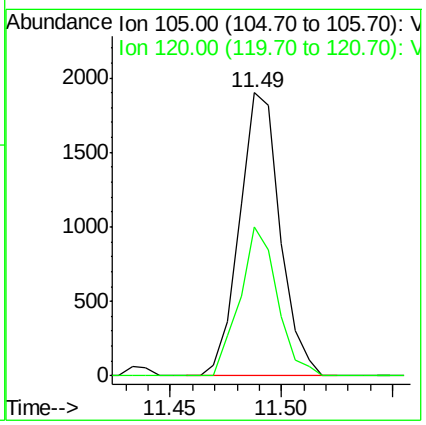


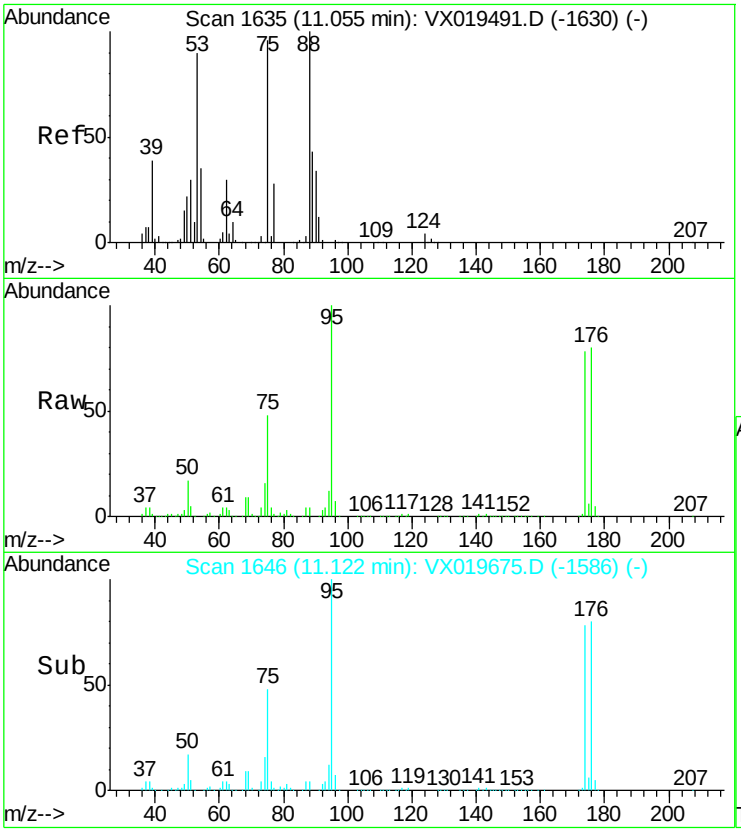


#80
1,3,5-Trimethylbenzene
Concen: 0.232 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion:105 Resp: 2413

Ion	Ratio	Lower	Upper
105	100		
120	48.8	24.1	72.3



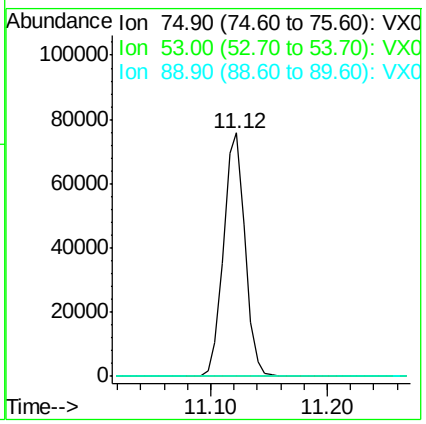


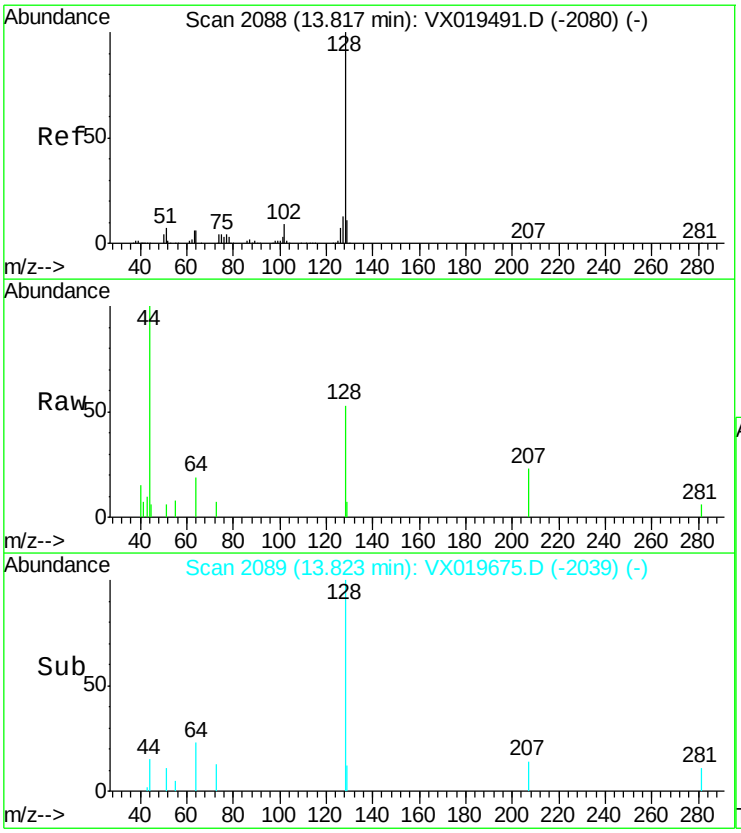
#81
trans-1,4-Dichloro-2-butene
Concen: 65.205 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.07 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Instrument :
MSVOA_X
ClientSampleId :
PB133266ZHE#02

Tgt Ion: 75 Resp: 96314

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





#95
Naphthalene
Concen: 2.225 ug/l
RT: 13.82 min Scan# 2089
Delta R.T. 0.01 min
Lab File: VX019675.D
Acq: 30 Nov 2020 13:13

Tgt Ion:128 Resp: 649

Ion	Ratio	Lower	Upper
128	100		
127	4.0	10.3	15.5#
129	6.6	8.7	13.1#