Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051520\
Data File : VX016293.D
Acq On : 15 May 2020 19:59
Operator : JC/SP
Sample : L2649-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0685MSD

Quant Time: May 16 06:48:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	218402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	377715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	349169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	170864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	145625	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.34%			
35) Dibromofluoromethane	5.47	113	118272	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.84%			
50) Toluene-d8	8.70	98	452723	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.20%			
62) 4-Bromofluorobenzene	11.12	95	172752	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	119437	51.666	ug/l	100
3) Chloromethane	1.31	50	132218	49.249	ug/l	100
4) Vinyl Chloride	1.39	62	273670	95.546	ug/l	100
5) Bromomethane	1.62	94	37338	25.857	ug/l	97
6) Chloroethane	1.70	64	90188	51.750	ug/l	98
7) Trichlorofluoromethane	1.91	101	190331	50.615	ug/l	99
8) Diethyl Ether	2.17	74	82110	51.824	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	98816	45.548	ug/l	97
10) Methyl Iodide	2.49	142	76716	26.325	ug/l	99
11) Tert butyl alcohol	3.02	59	202528	278.677	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115124	50.709	ug/l	98
13) Acrolein	2.27	56	169628	372.994	ug/l	99
14) Allyl chloride	2.70	41	201103	48.310	ug/l #	91
15) Acrylonitrile	3.12	53	414256	274.771	ug/l	99
16) Acetone	2.42	43	342430	267.038	ug/l	96
17) Carbon Disulfide	2.55	76	327082	47.966	ug/l	100
18) Methyl Acetate	2.75	43	161943	51.363	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	433802	55.428	ug/l	99
20) Methylene Chloride	2.83	84	134625	50.927	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	133531	52.780	ug/l	98
22) Diisopropyl ether	3.83	45	411619	52.414	ug/l #	87
23) Vinyl Acetate	3.79	43	1630213	235.950	ug/l	98
24) 1,1-Dichloroethane	3.67	63	236579	53.853	ug/l	98
25) 2-Butanone	4.64	43	575660	278.588	ug/l	97
26) 2,2-Dichloropropane	4.55	77	168546	42.011	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	209572	75.771	ug/l	93
28) Bromochloromethane	4.98	49	107666	53.748	ug/l	96
29) Tetrahydrofuran	5.09	42	375513	274.264	ug/l	96
30) Chloroform	5.18	83	239554	54.767	ug/l	100
31) Cyclohexane	5.55	56	181754	45.524	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	212047	53.333	ug/l	98
36) 1,1-Dichloropropene	5.78	75	175252	47.135	ug/l	100
37) Ethyl Acetate	4.79	43	193548	44.913	ug/l	98
38) Carbon Tetrachloride	5.76	117	184838	48.910	ug/l	96

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051520\
Data File : VX016293.D
Acq On : 15 May 2020 19:59
Operator : JC/SP
Sample : L2649-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0685MSD

Quant Time: May 16 06:48:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.44	83	150756	33.669	ug/l		97
40) Benzene	6.12	78	548404	50.410	ug/l		99
41) Methacrylonitrile	5.01	41	115727	49.727	ug/l		98
42) 1,2-Dichloroethane	6.17	62	190782	48.682	ug/l		99
43) Isopropyl Acetate	6.42	43	320536	46.618	ug/l		98
44) Trichloroethene	7.19	130	164459	42.552	ug/l		97
45) 1,2-Dichloropropane	7.49	63	142050	51.603	ug/l		99
46) Dibromomethane	7.64	93	94925	50.744	ug/l		99
47) Bromodichloromethane	7.88	83	198896	52.205	ug/l		98
48) Methyl methacrylate	7.74	41	161227	49.486	ug/l		93
49) 1,4-Dioxane	7.71	88	82567	1056.671	ug/l		98
51) 4-Methyl-2-Pentanone	8.62	43	1103689	262.312	ug/l		97
52) Toluene	8.77	92	344191	50.758	ug/l		99
53) t-1,3-Dichloropropene	9.02	75	221869	48.842	ug/l		98
54) cis-1,3-Dichloropropene	8.42	75	232749	49.054	ug/l		94
55) 1,1,2-Trichloroethane	9.20	97	143209	53.679	ug/l		99
56) Ethyl methacrylate	9.16	69	233325	53.578	ug/l		93
57) 1,3-Dichloropropane	9.35	76	242061	51.998	ug/l		100
59) 2-Hexanone	9.48	43	865183	261.837	ug/l		96
60) Dibromochloromethane	9.57	129	160109	54.490	ug/l		100
61) 1,2-Dibromoethane	9.65	107	151666	52.483	ug/l		100
64) Tetrachloroethene	9.32	164	154312	36.000	ug/l		95
65) Chlorobenzene	10.12	112	364960	49.918	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.21	131	143370	53.055	ug/l		99
67) Ethyl Benzene	10.24	91	641226	49.155	ug/l		99
68) m/p-Xylenes	10.34	106	478086	97.818	ug/l		99
69) o-Xylene	10.68	106	234128	49.835	ug/l		99
70) Styrene	10.70	104	415366	52.115	ug/l		100
71) Bromoform	10.84	173	121513	55.192	ug/l	#	97
73) Isopropylbenzene	11.01	105	588194	47.329	ug/l		99
74) N-amyl acetate	10.88	43	269647	46.517	ug/l		97
75) 1,1,2,2-Tetrachloroethane	11.26	83	196072	75.581	ug/l		99
76) 1,2,3-Trichloropropane	11.28	75	268766	69.318	ug/l		84
77) Bromobenzene	11.24	156	161957	50.489	ug/l		99
78) n-propylbenzene	11.34	91	658527	45.549	ug/l		100
79) 2-Chlorotoluene	11.40	91	419749	49.186	ug/l		99
80) 1,3,5-Trimethylbenzene	11.49	105	482754	46.007	ug/l		100
81) trans-1,4-Dichloro-2-buten	11.06	75	77549	47.663	ug/l		96
82) 4-Chlorotoluene	11.49	91	493304	48.951	ug/l		100
83) tert-Butylbenzene	11.76	119	422121	46.680	ug/l		94
84) 1,2,4-Trimethylbenzene	11.79	105	494390	46.604	ug/l		100
85) sec-Butylbenzene	11.93	105	484009	39.642	ug/l		99
86) p-Isopropyltoluene	12.05	119	447183	39.448	ug/l		99
87) 1,3-Dichlorobenzene	12.01	146	267148	46.382	ug/l		99
88) 1,4-Dichlorobenzene	12.08	146	274139	46.894	ug/l		98
89) n-Butylbenzene	12.37	91	361276	34.886	ug/l		100
90) Hexachloroethane	12.58	117	80600	41.400	ug/l		99
91) 1,2-Dichlorobenzene	12.38	146	264785	47.743	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54595	53.426	ug/l		97
93) 1,2,4-Trichlorobenzene	13.63	180	162352	39.540	ug/l		98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051520\
Data File : VX016293.D
Acq On : 15 May 2020 19:59
Operator : JC/SP
Sample : L2649-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S32-0685MSD

Quant Time: May 16 06:48:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	48694	27.776 ug/l	99
95) Naphthalene	13.82	128	639300	48.084 ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	161937	40.354 ug/l	99

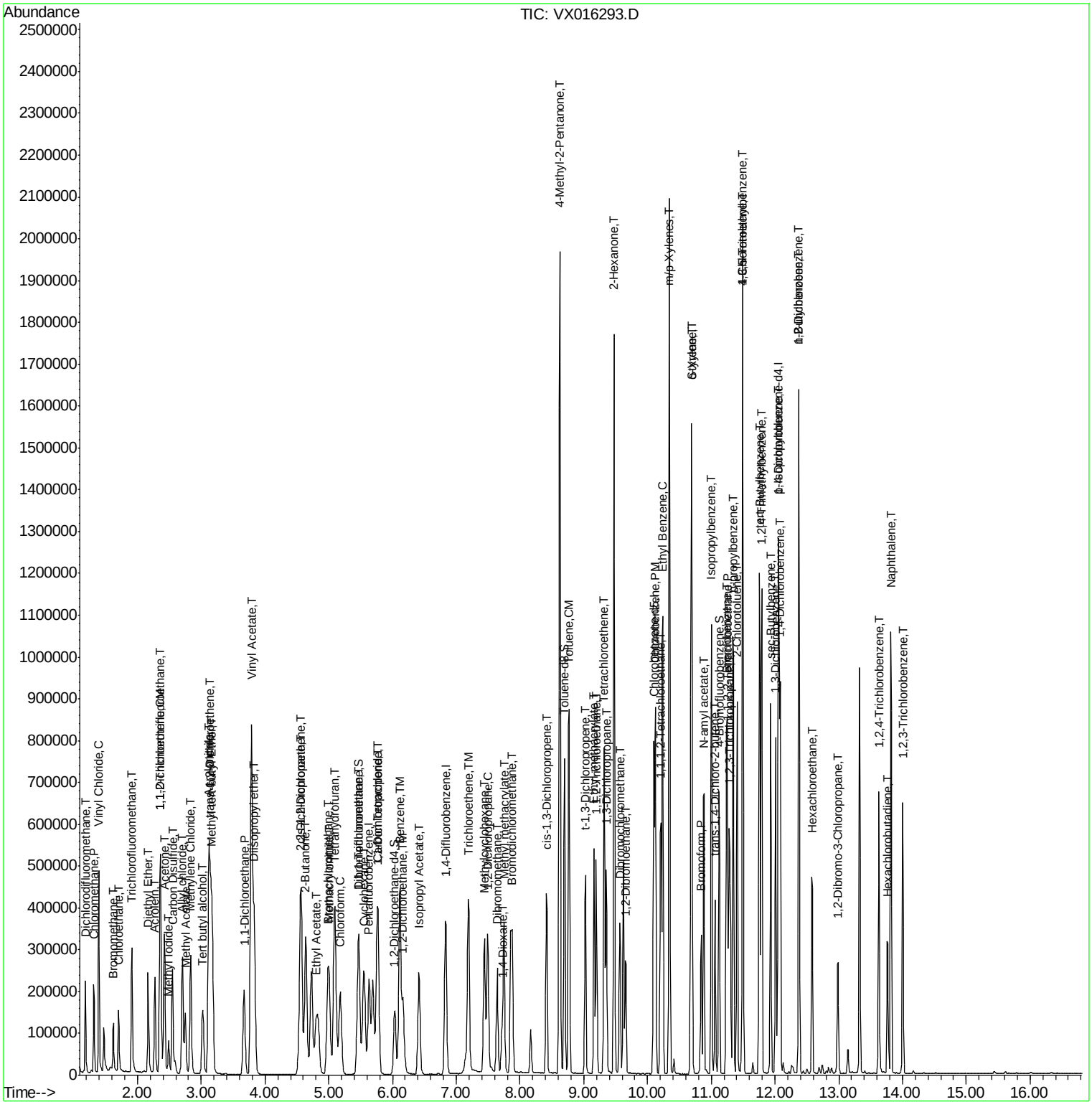
(#) = qualifier out of range (m) = manual integration (+) = signals summed

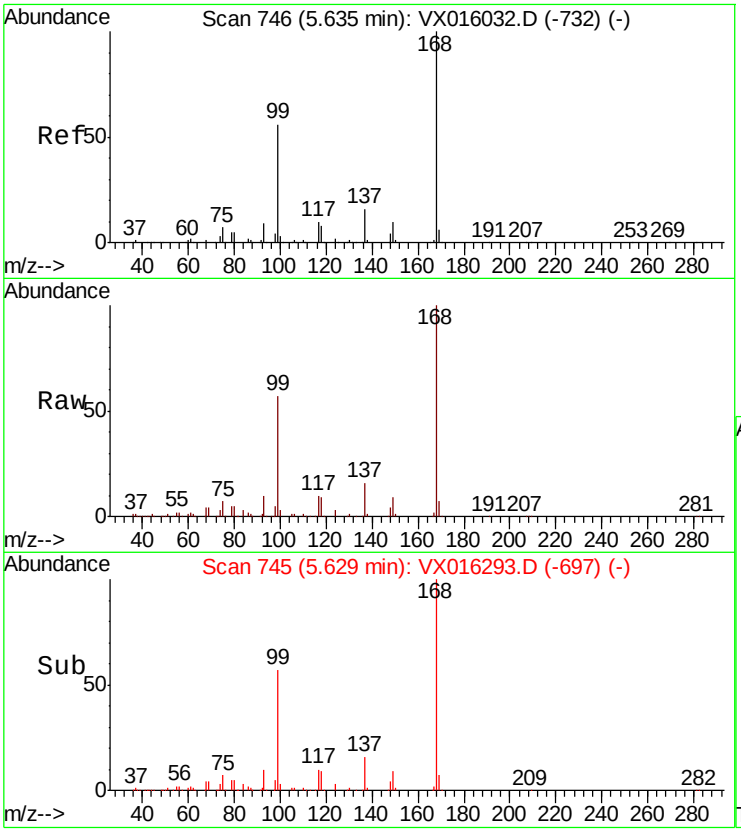
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051520\
Data File : VX016293.D
Acq On : 15 May 2020 19:59
Operator : JC/SP
Sample : L2649-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Quant Time: May 16 06:48:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration



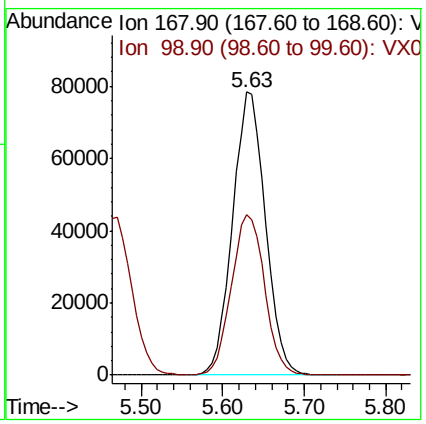


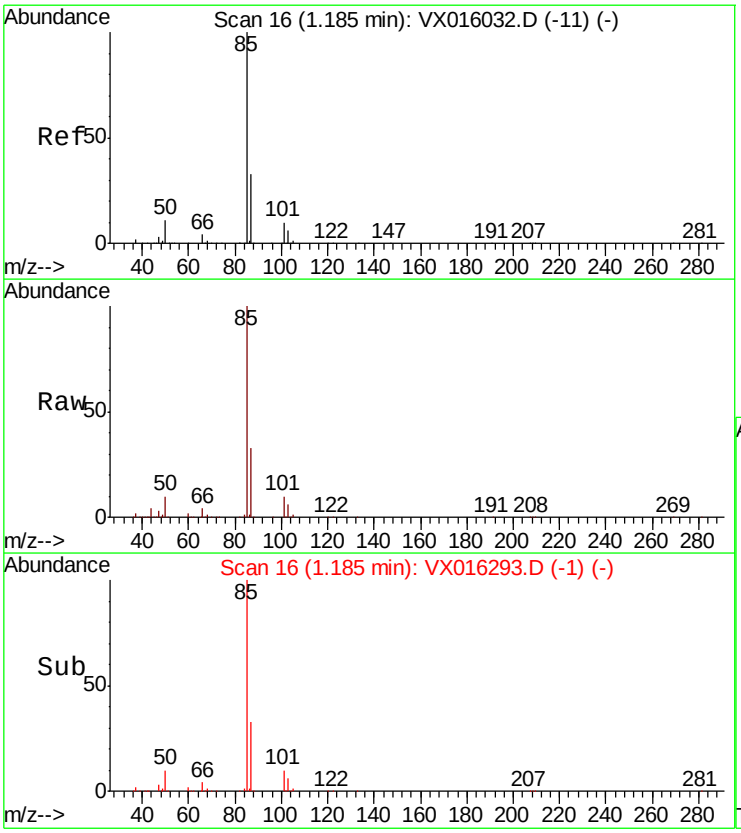
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:168 Resp: 218402

Ion	Ratio	Lower	Upper
168	100		
99	56.8	45.0	67.4

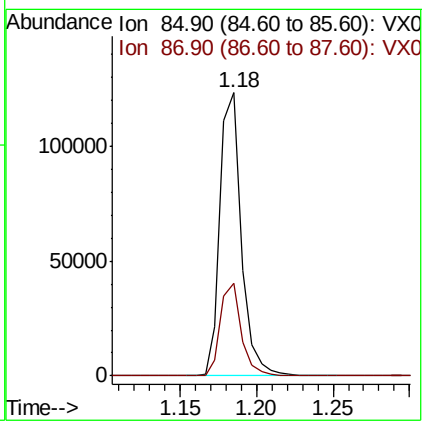


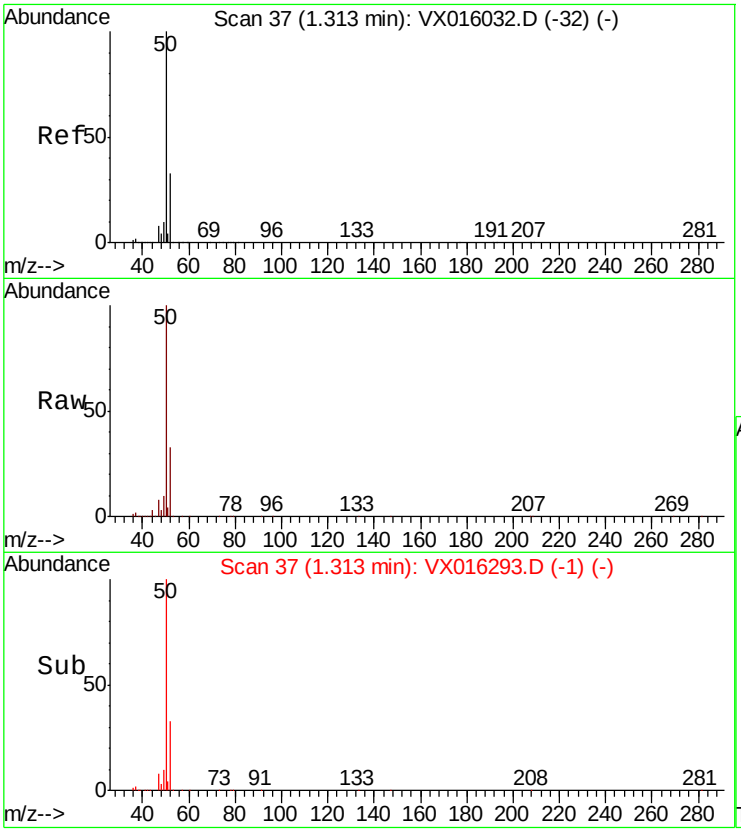


#2
Dichlorodifluoromethane
Concen: 51.666 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 85 Resp: 119437

Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.4	49.1



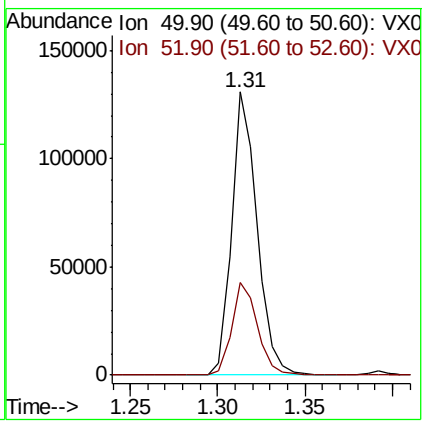


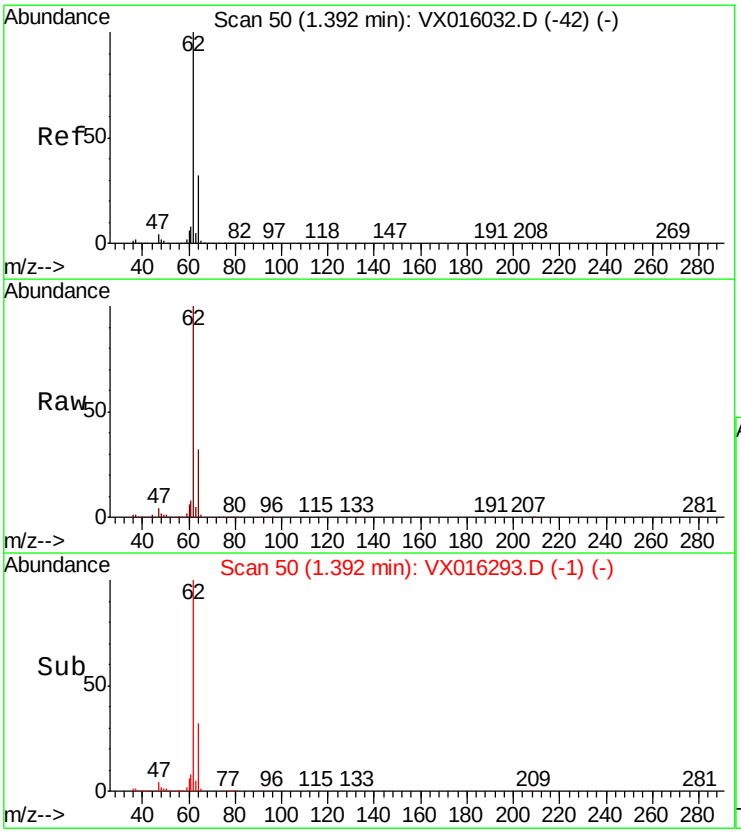
#3
Chloromethane
Concen: 49.249 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 50 Resp: 132218

Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.1	39.1

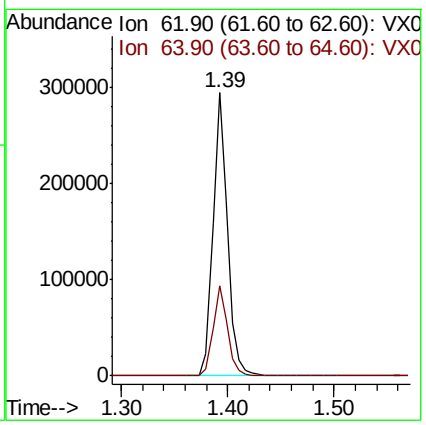


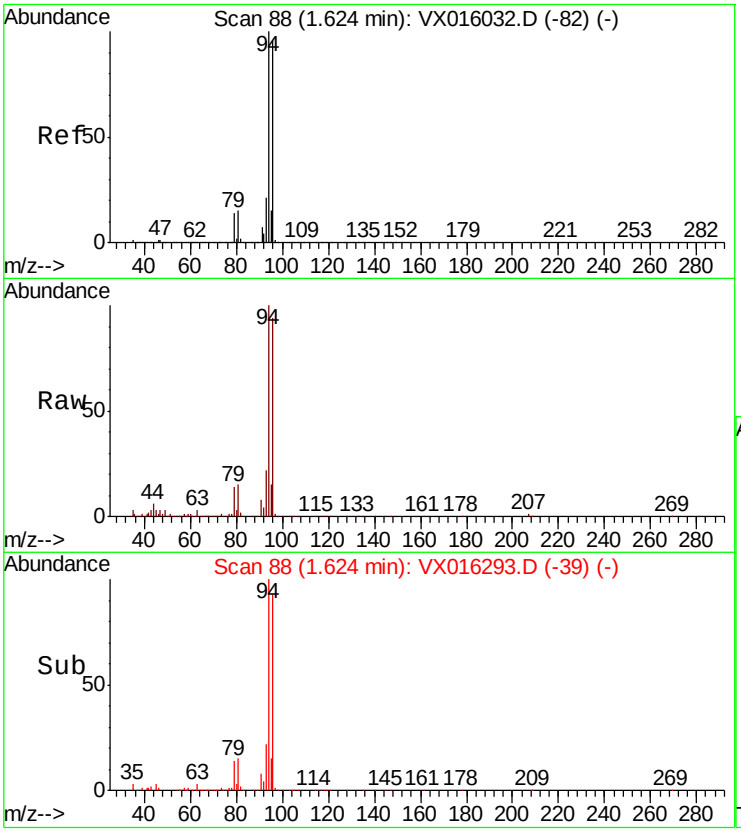


#4
Vinyl Chloride
Concen: 95.546 ug/l
RT: 1.39 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 62 Resp: 273670

Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.7	38.5



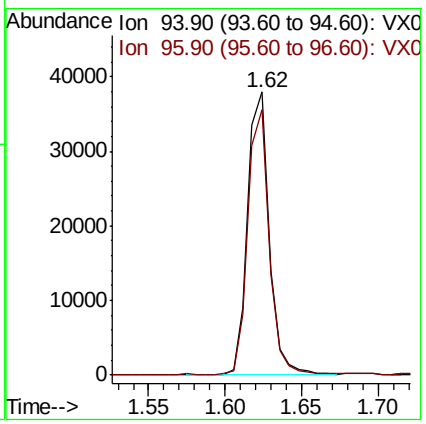


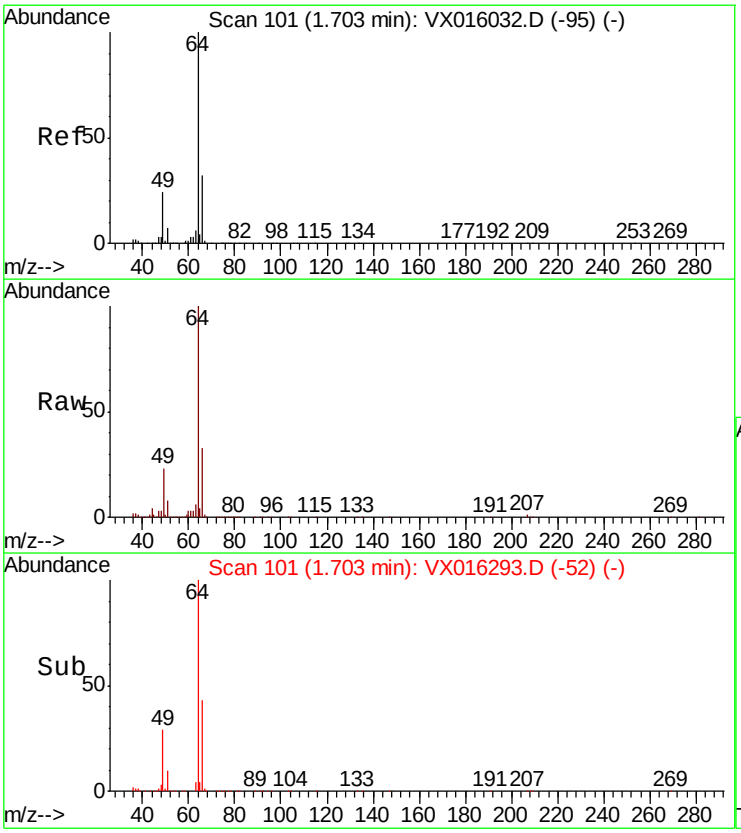
#5
Bromomethane
Concen: 25.857 ug/l
RT: 1.62 min Scan# 88
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 94 Resp: 37338

Ion	Ratio	Lower	Upper
94	100		
96	93.2	76.9	115.3

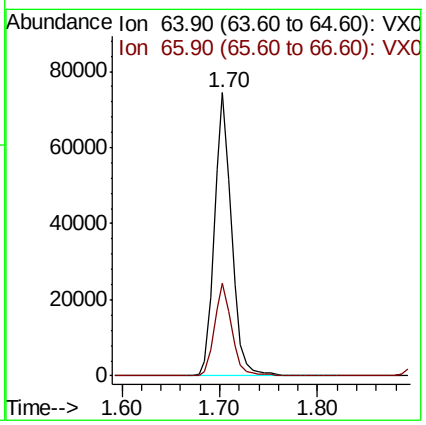


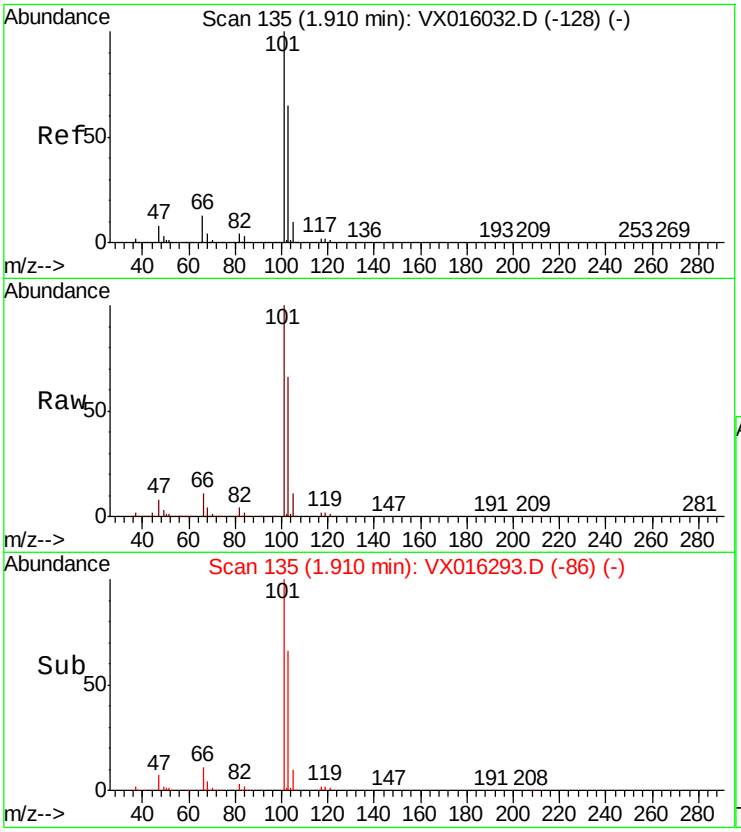


#6
Chloroethane
Concen: 51.750 ug/l
RT: 1.70 min Scan# 101
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 64 Resp: 90188

Ion	Ratio	Lower	Upper
64	100		
66	32.6	25.2	37.8



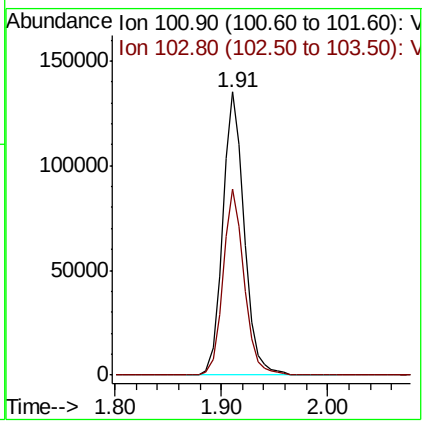


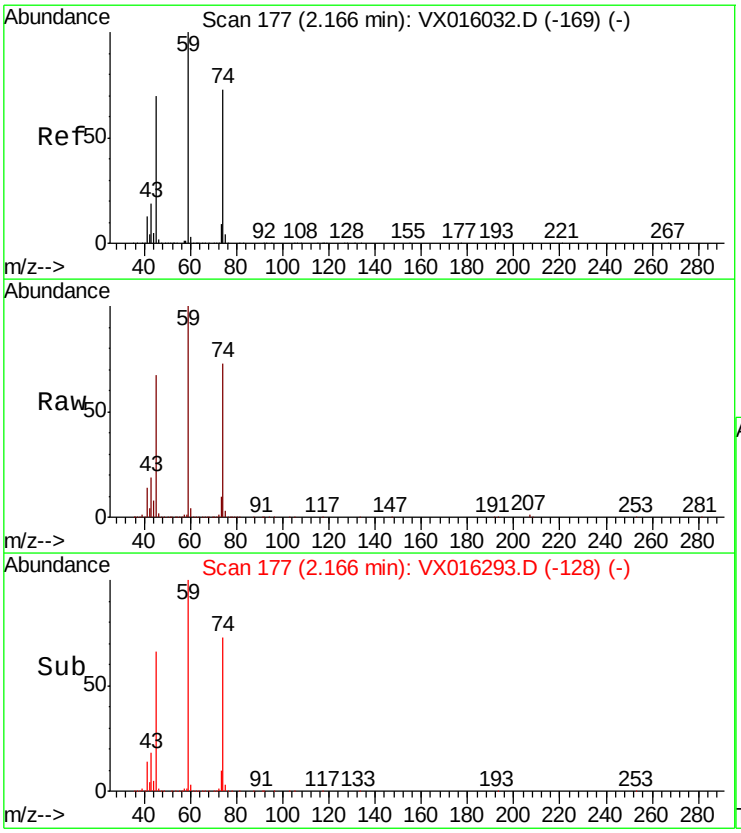
#7
Trichlorofluoromethane
Concen: 50.615 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:101 Resp: 190331

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.8	77.6

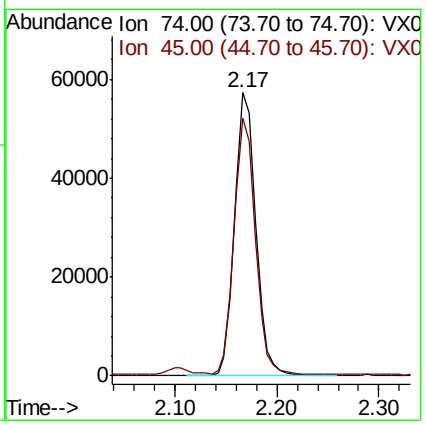


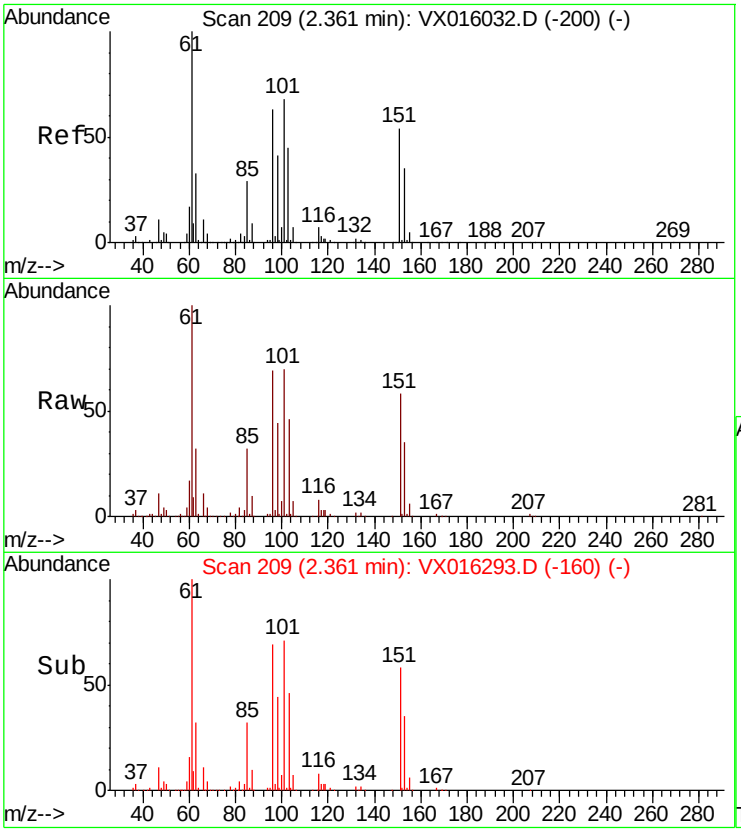


#8
Diethyl Ether
Concen: 51.824 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 74 Resp: 82110

Ion	Ratio	Lower	Upper
74	100		
45	90.4	47.3	142.0



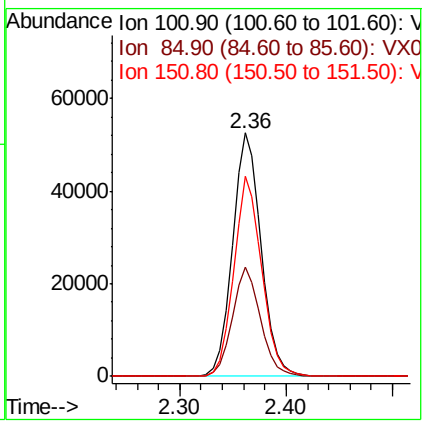


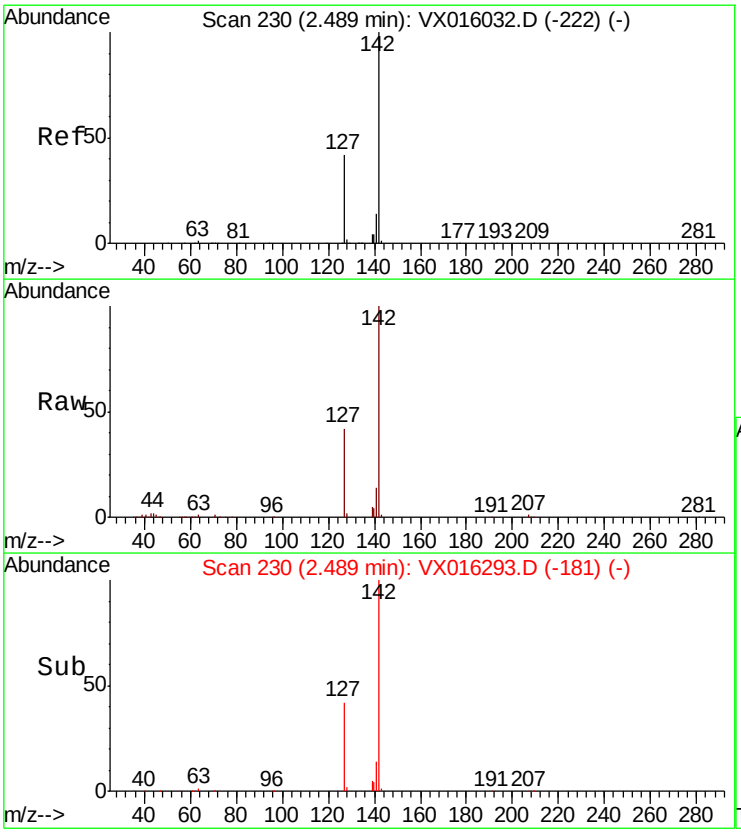
#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.548 ug/l
RT: 2.36 min Scan# 209
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:101 Resp: 98816

Ion	Ratio	Lower	Upper
101	100		
85	44.0	34.2	51.4
151	80.4	62.1	93.1

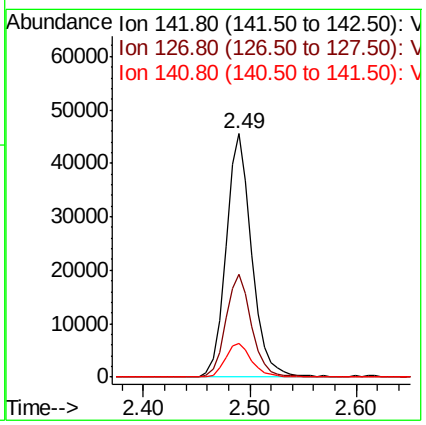


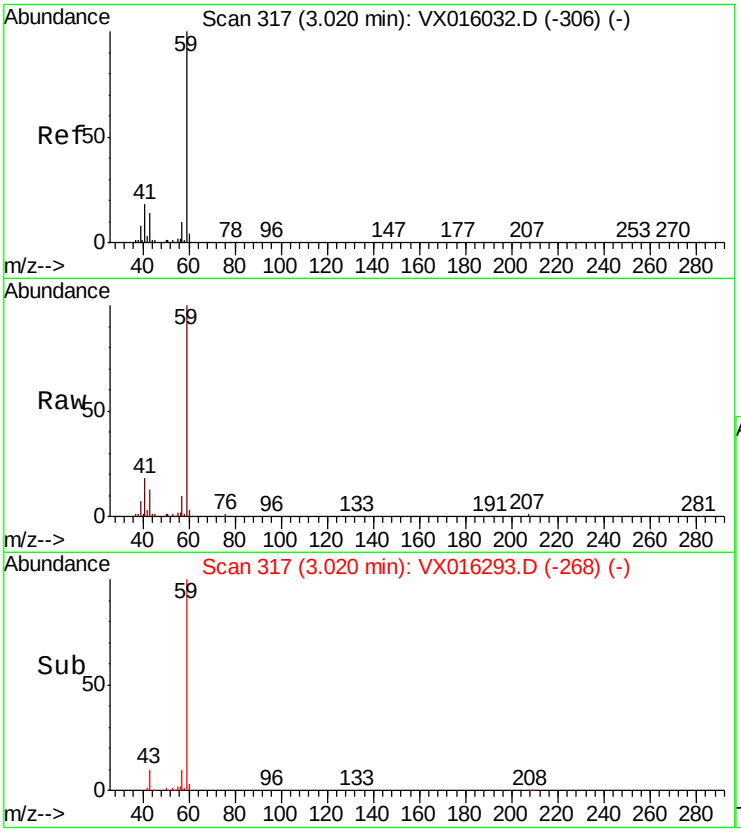


#10
Methyl Iodide
Concen: 26.325 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:142 Resp: 76716

Ion	Ratio	Lower	Upper
142	100		
127	42.4	34.6	52.0
141	13.9	11.3	16.9



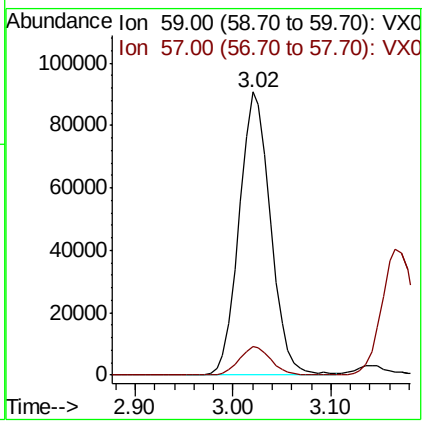


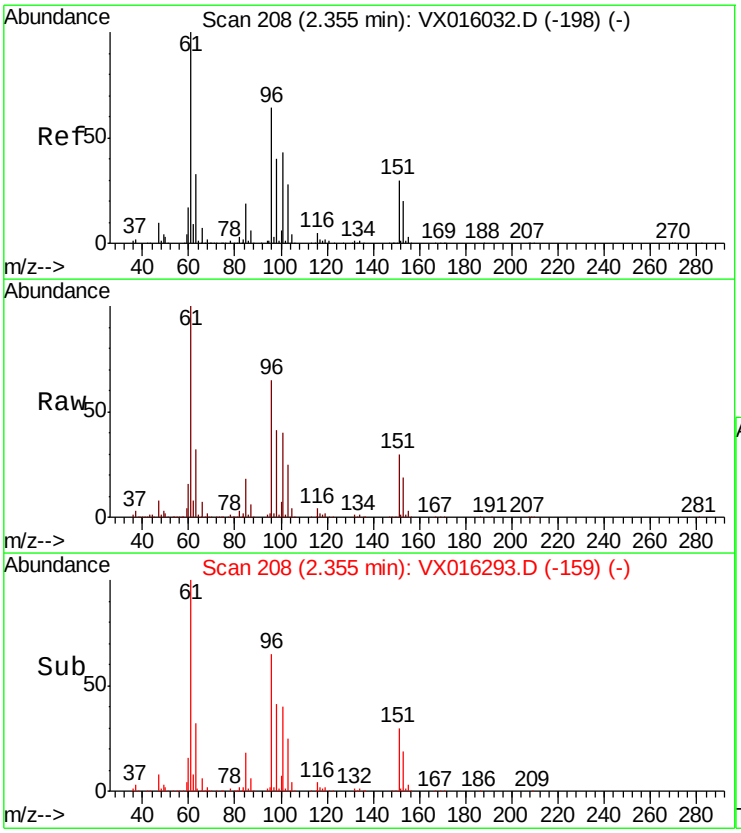
#11
Tert butyl alcohol
Concen: 278.677 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 59 Resp: 202528

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

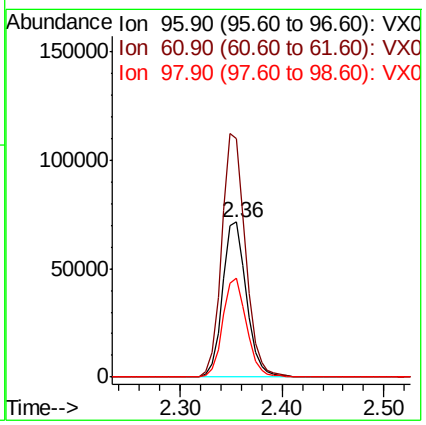


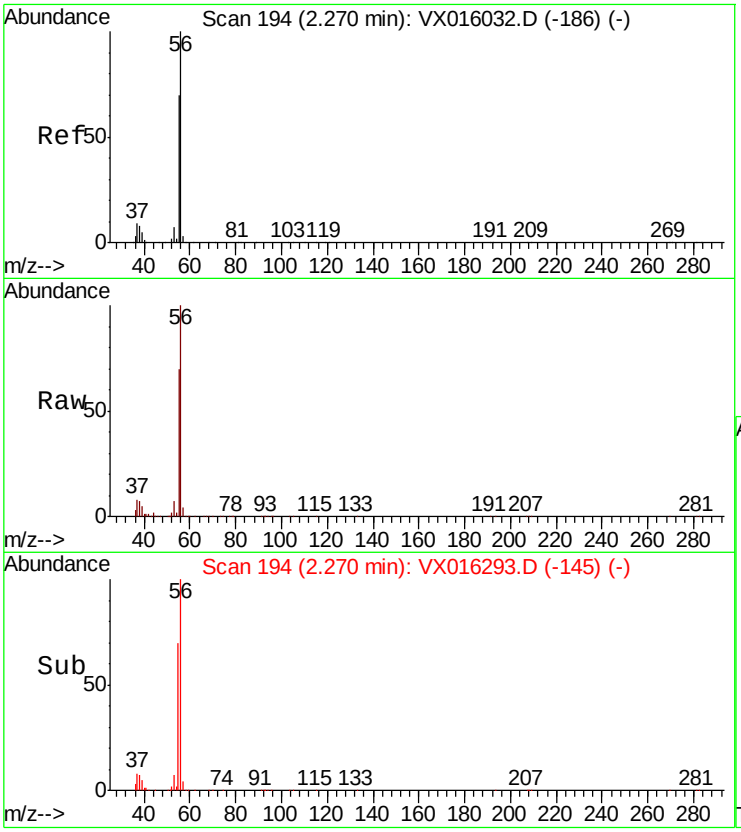


#12
1,1-Dichloroethene
Concen: 50.709 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 96 Resp: 115124

Ion	Ratio	Lower	Upper
96	100		
61	154.1	124.8	187.2
98	63.5	49.7	74.5



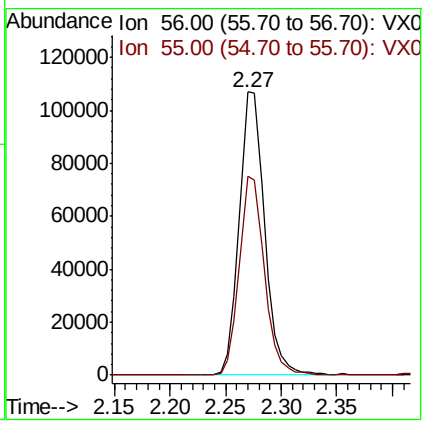


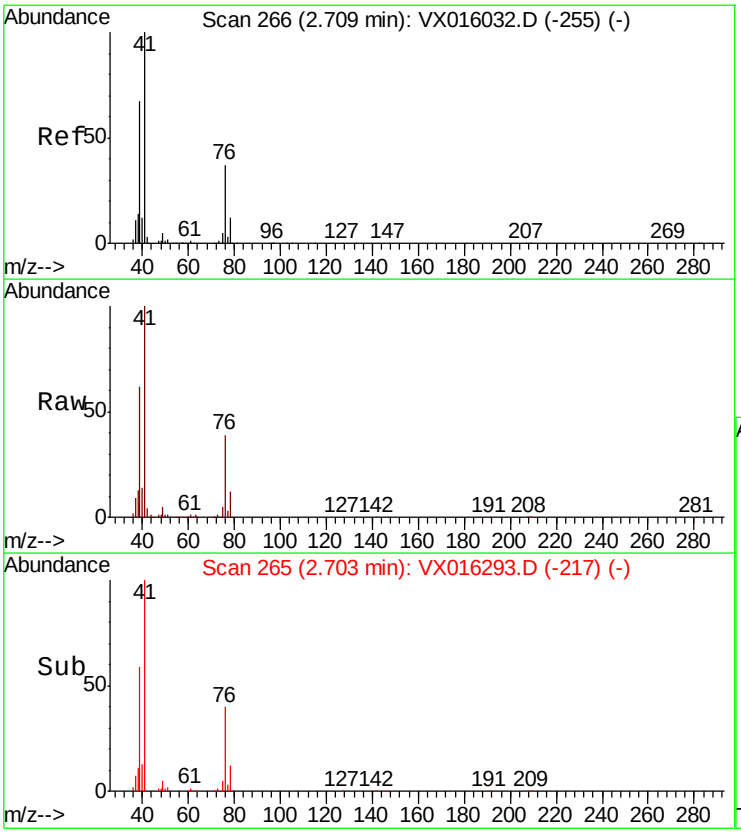
#13
Acrolein
Concen: 372.994 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 56 Resp: 169628

Ion	Ratio	Lower	Upper
56	100		
55	69.6	56.5	84.7

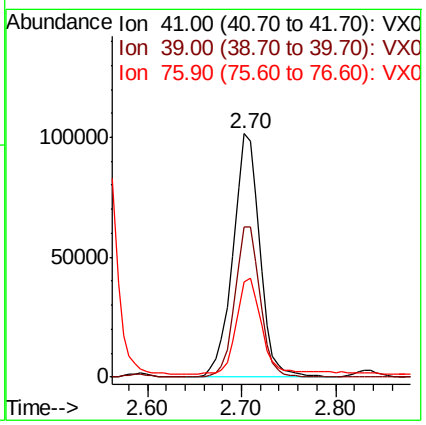


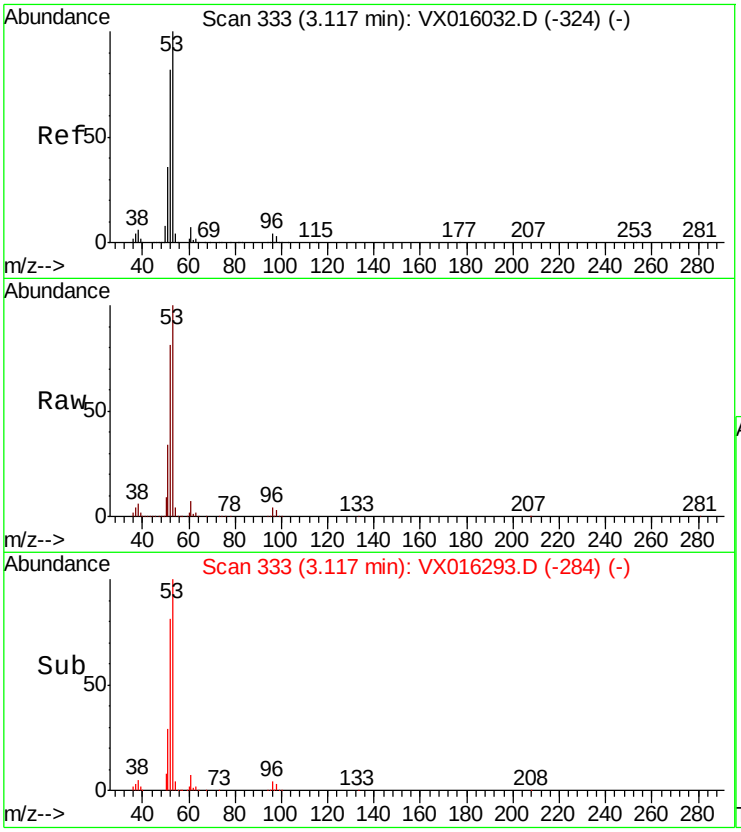


#14
Allyl chloride
Concen: 48.310 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 41 Resp: 201103

Ion	Ratio	Lower	Upper
41	100		
39	58.0	50.5	75.7
76	40.9	26.6	40.0#



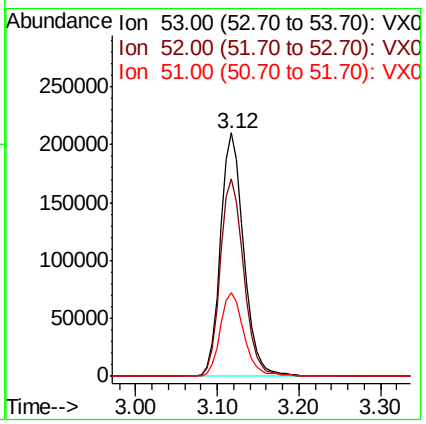


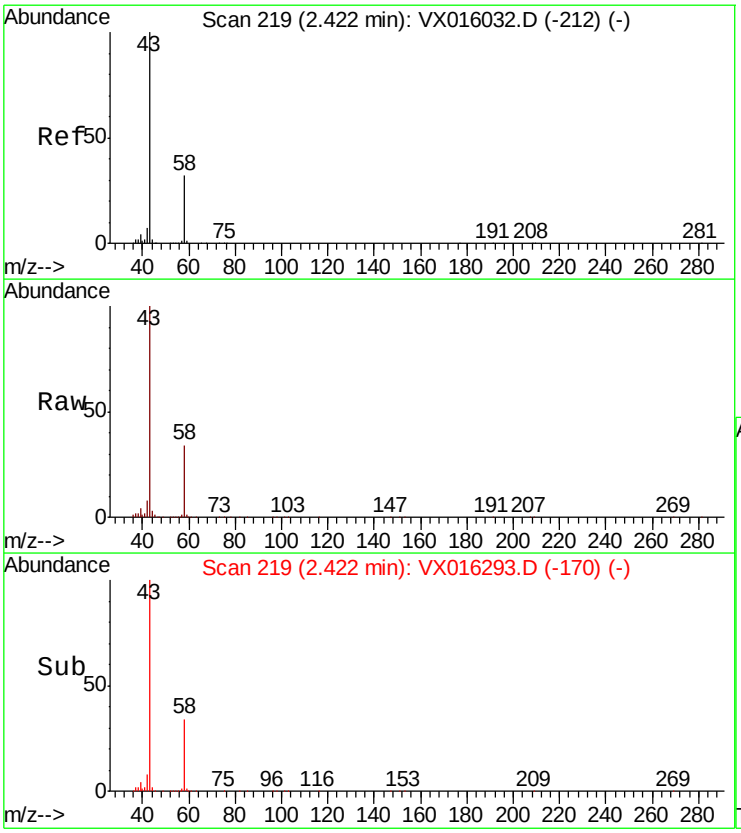
#15
Acrylonitrile
Concen: 274.771 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 53 Resp: 414256

Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	35.1	28.8	43.2

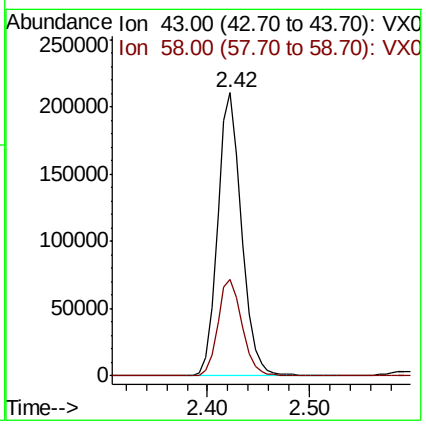


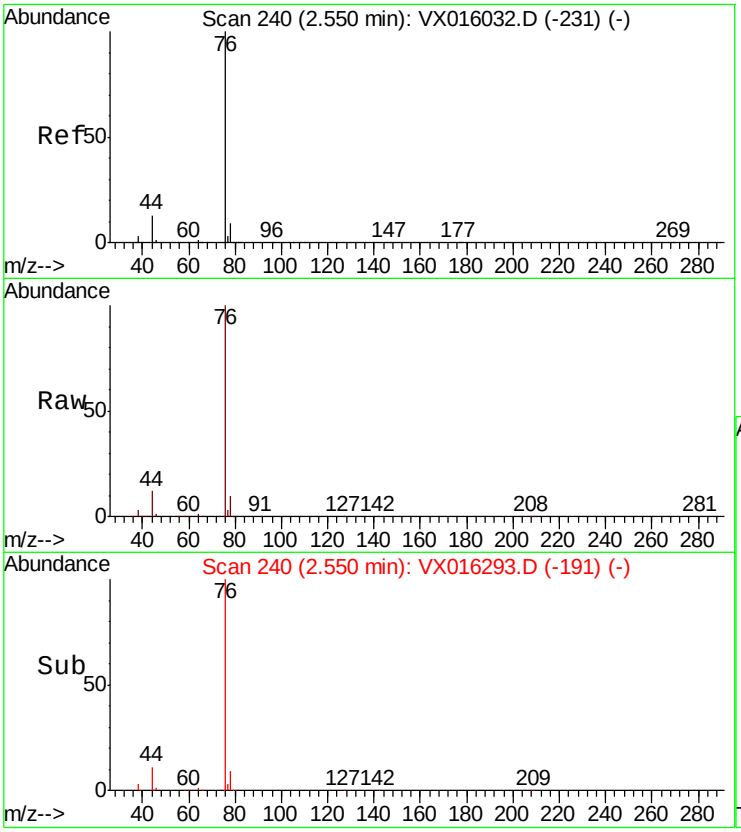


#16
Acetone
Concen: 267.038 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 43 Resp: 342430

Ion	Ratio	Lower	Upper
43	100		
58	33.9	25.4	38.0



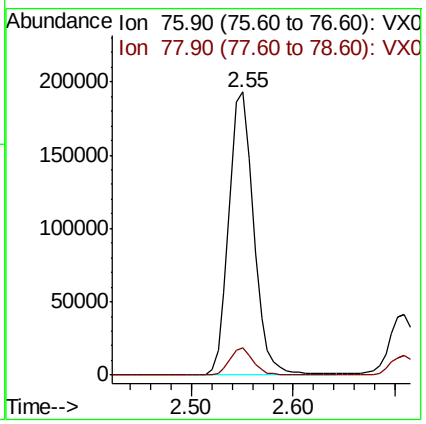


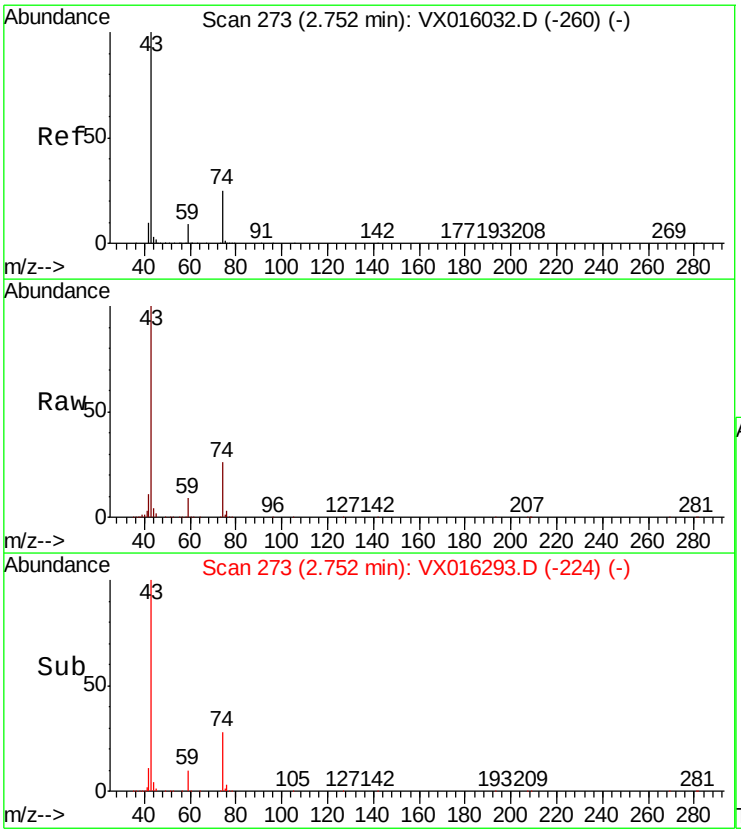
#17
Carbon Disulfide
Concen: 47.966 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 76 Resp: 327082

Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3

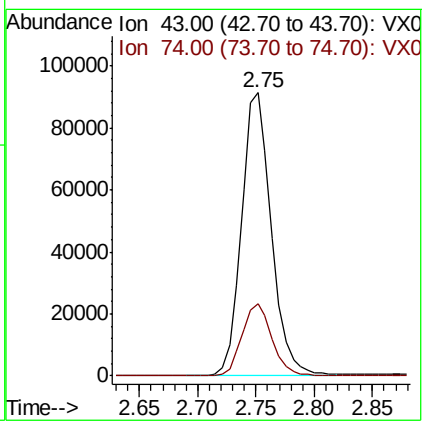


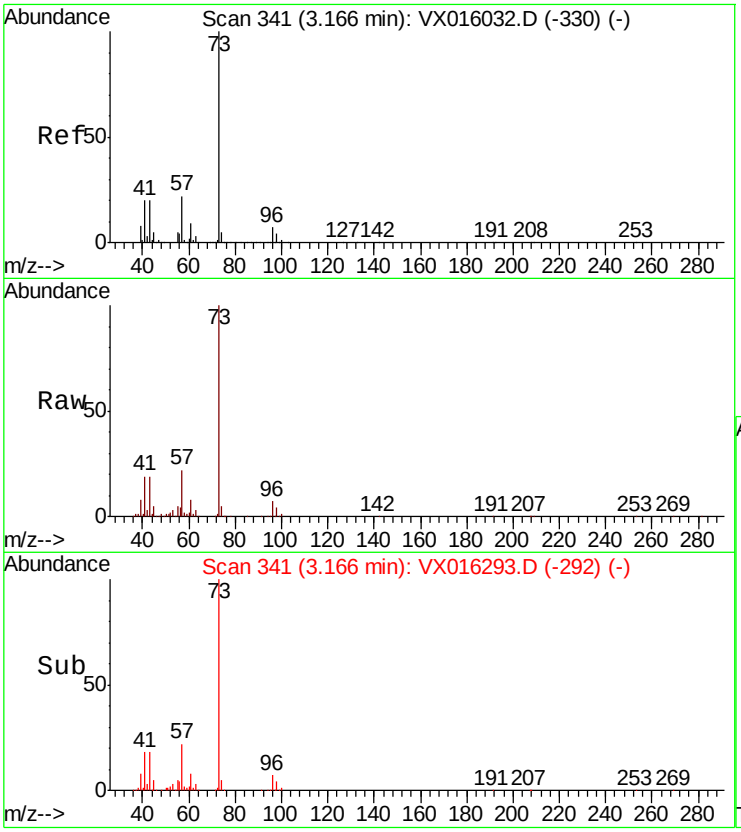


#18
Methyl Acetate
Concen: 51.363 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 43 Resp: 161943

Ion	Ratio	Lower	Upper
43	100		
74	26.2	20.2	30.2



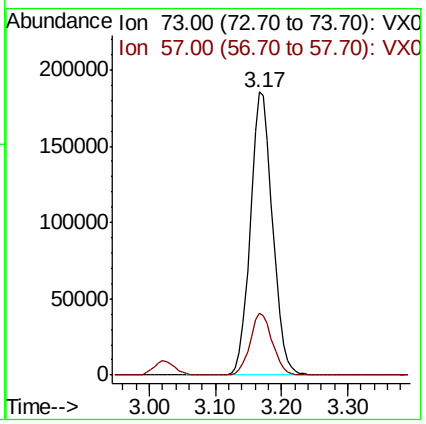


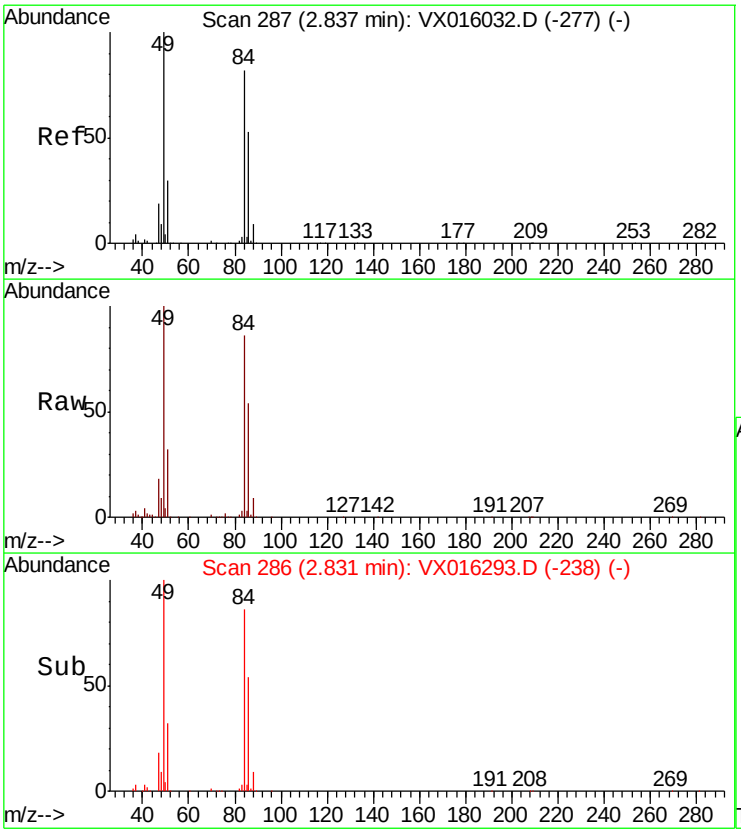
#19
Methyl tert-butyl Ether
Concen: 55.428 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 73 Resp: 433802

Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

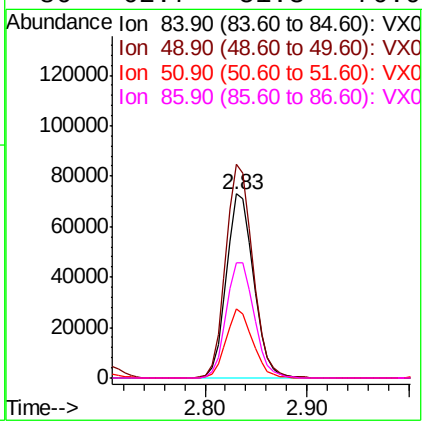


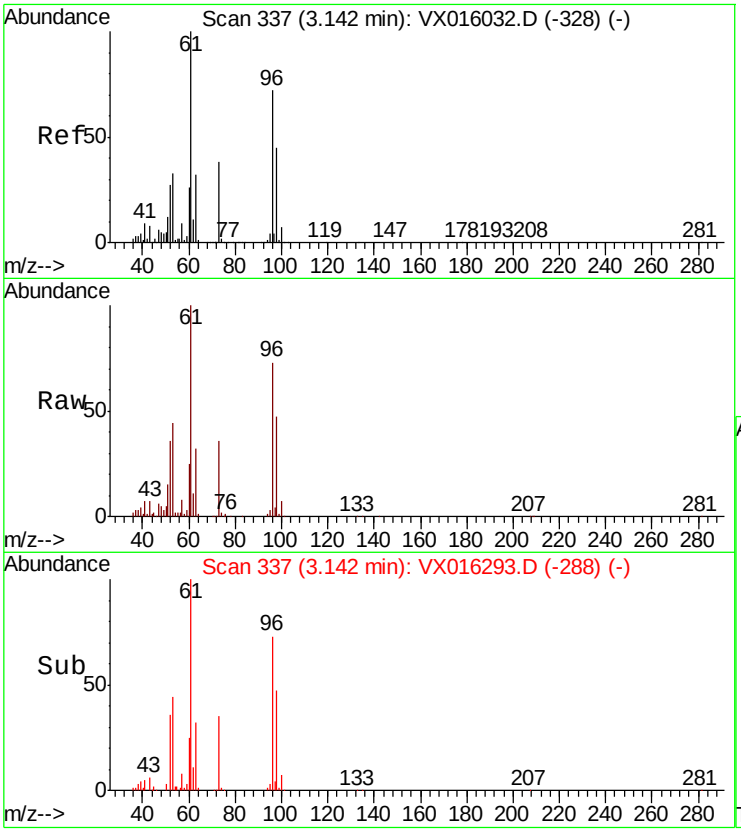


#20
Methylene Chloride
Concen: 50.927 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 84 Resp: 134625

Ion	Ratio	Lower	Upper
84	100		
49	116.0	97.3	145.9
51	37.3	29.3	43.9
86	62.7	51.3	76.9



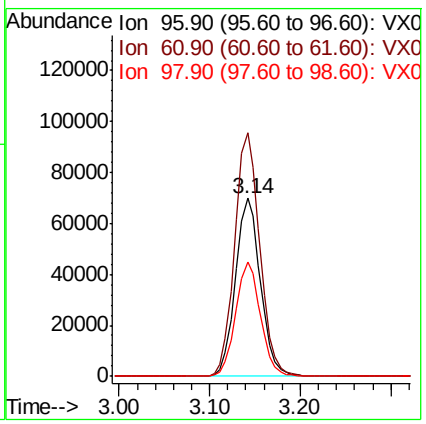


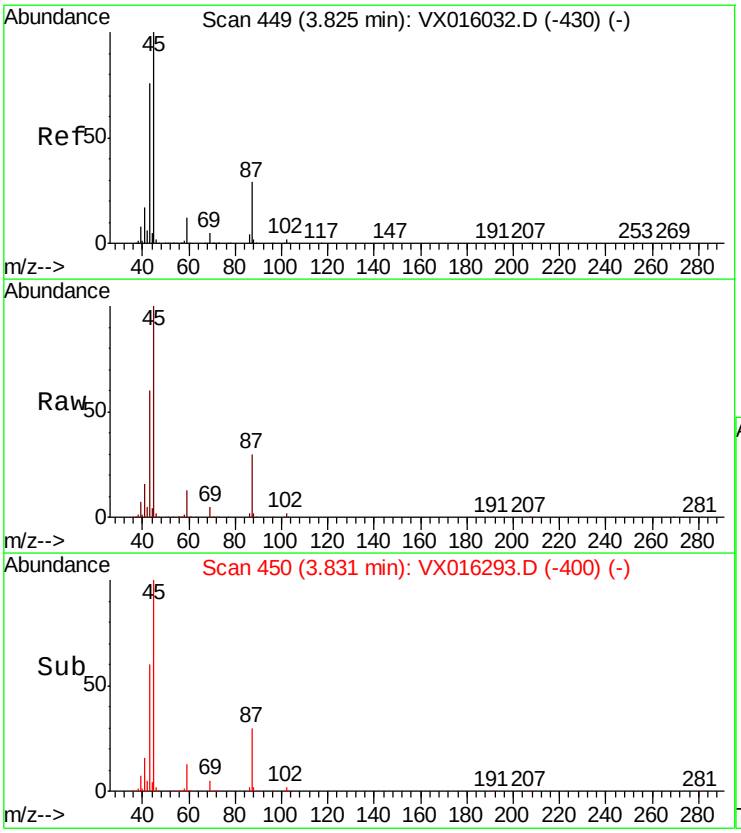
#21
trans-1,2-Dichloroethene
Concen: 52.780 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 96 Resp: 133531

Ion	Ratio	Lower	Upper
96	100		
61	137.0	111.2	166.8
98	64.0	50.2	75.4

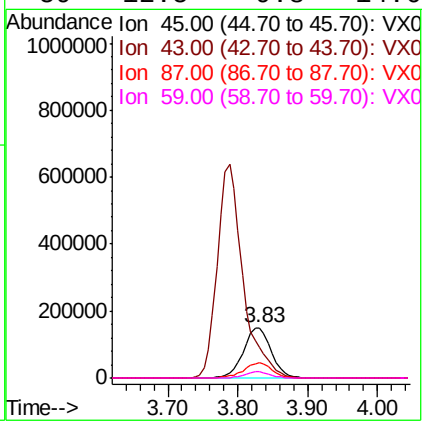


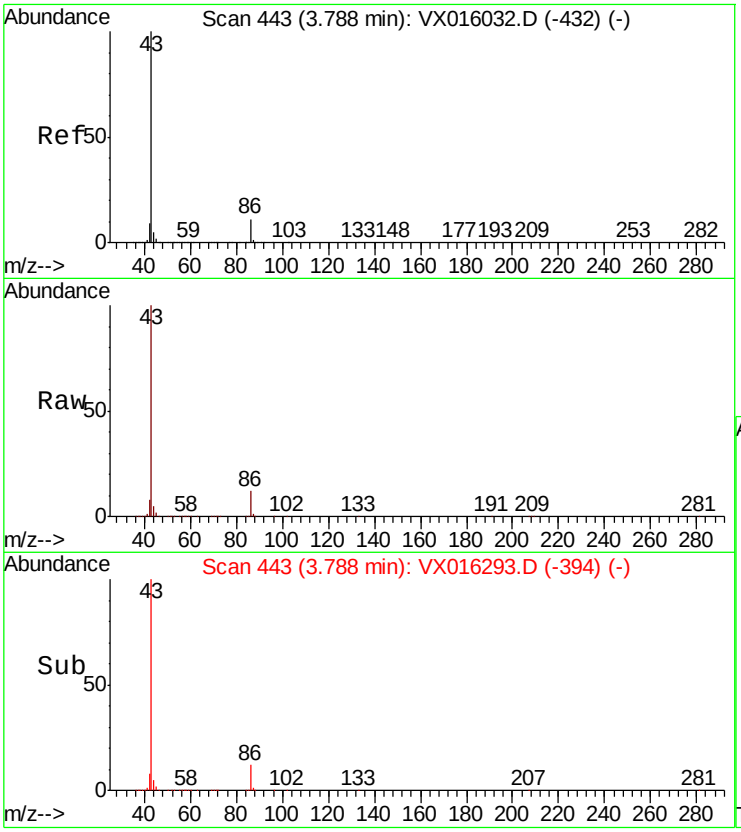


#22
Diisopropyl ether
Concen: 52.414 ug/l
RT: 3.83 min Scan# 450
Delta R.T. 0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 45 Resp: 411619

Ion	Ratio	Lower	Upper
45	100		
43	59.8	61.1	91.7#
87	30.1	23.0	34.6
59	12.5	9.8	14.6



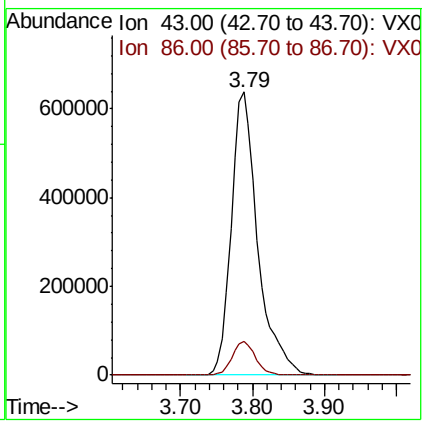


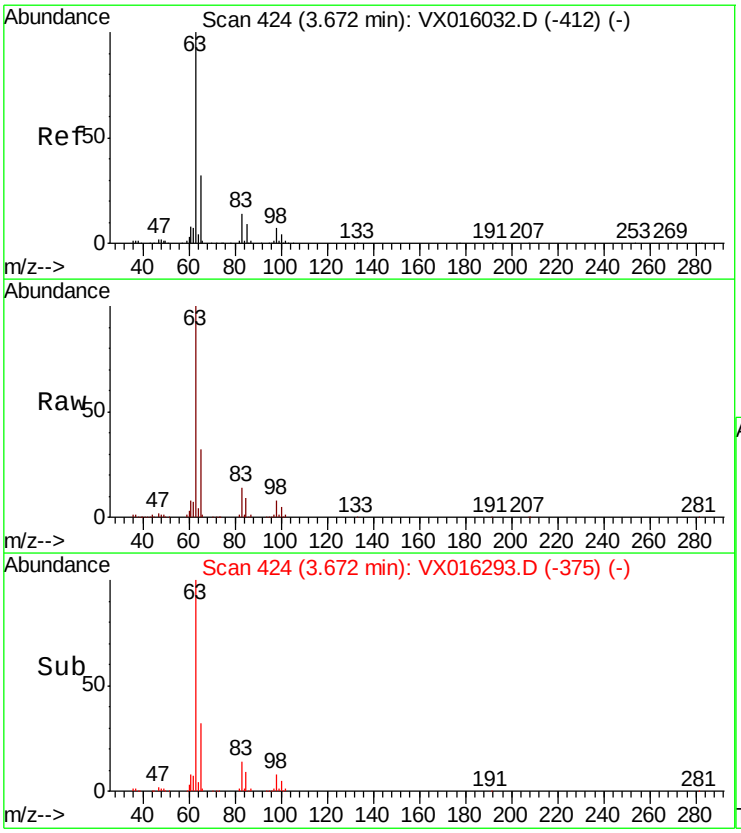
#23
Vinyl Acetate
Concen: 235.950 ug/l
RT: 3.79 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 43 Resp: 1630213

Ion	Ratio	Lower	Upper
43	100		
86	11.9	9.0	13.4

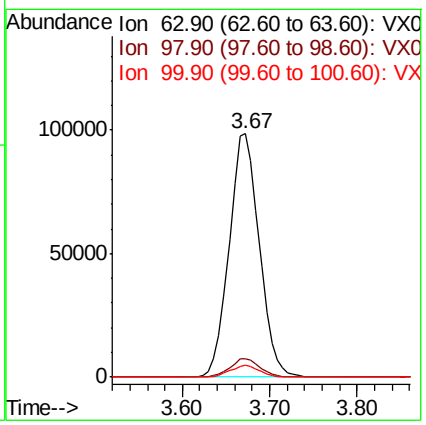


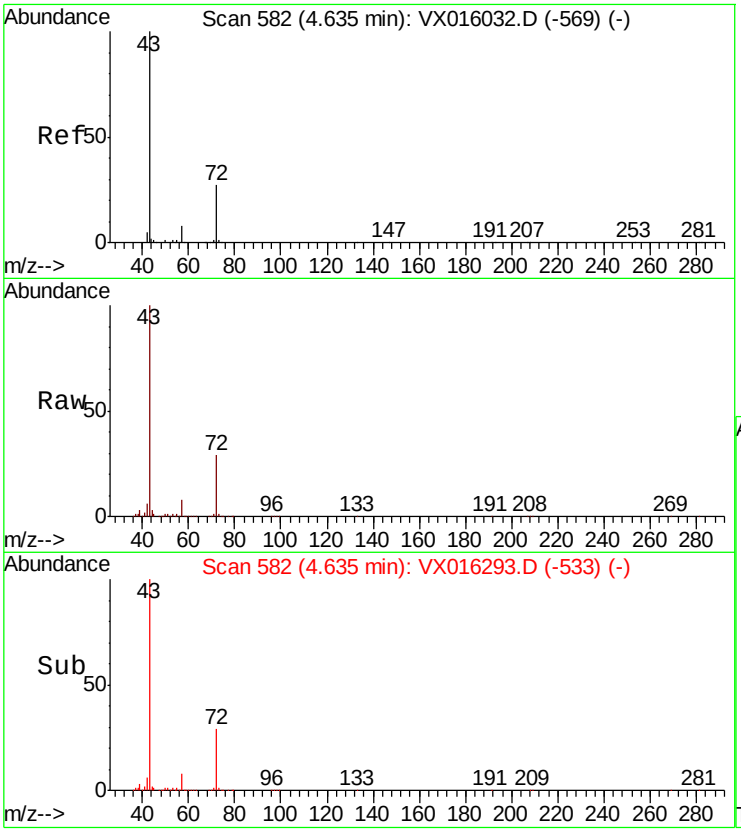


#24
1,1-Dichloroethane
Concen: 53.853 ug/l
RT: 3.67 min Scan# 424
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 63 Resp: 236579

Ion	Ratio	Lower	Upper
63	100		
98	7.7	3.5	10.5
100	5.1	2.1	6.5



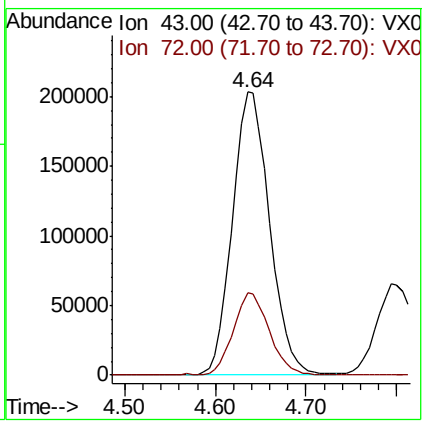


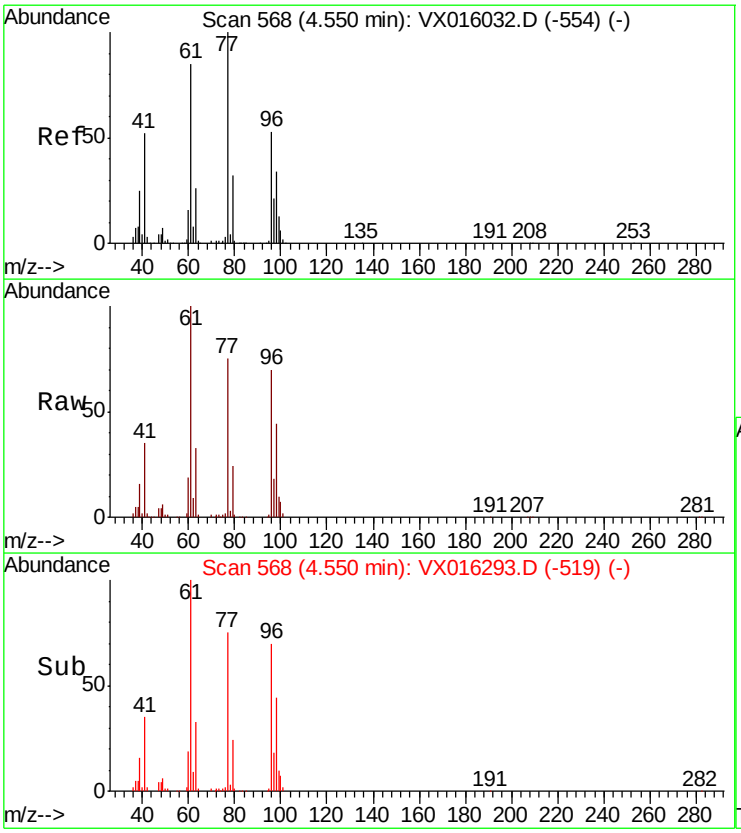
#25
2-Butanone
Concen: 278.588 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 43 Resp: 575660

Ion	Ratio	Lower	Upper
43	100		
72	28.9	21.8	32.8

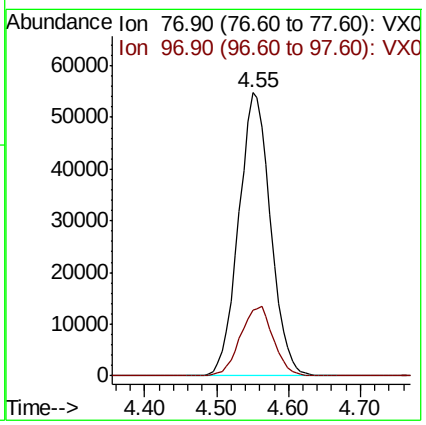


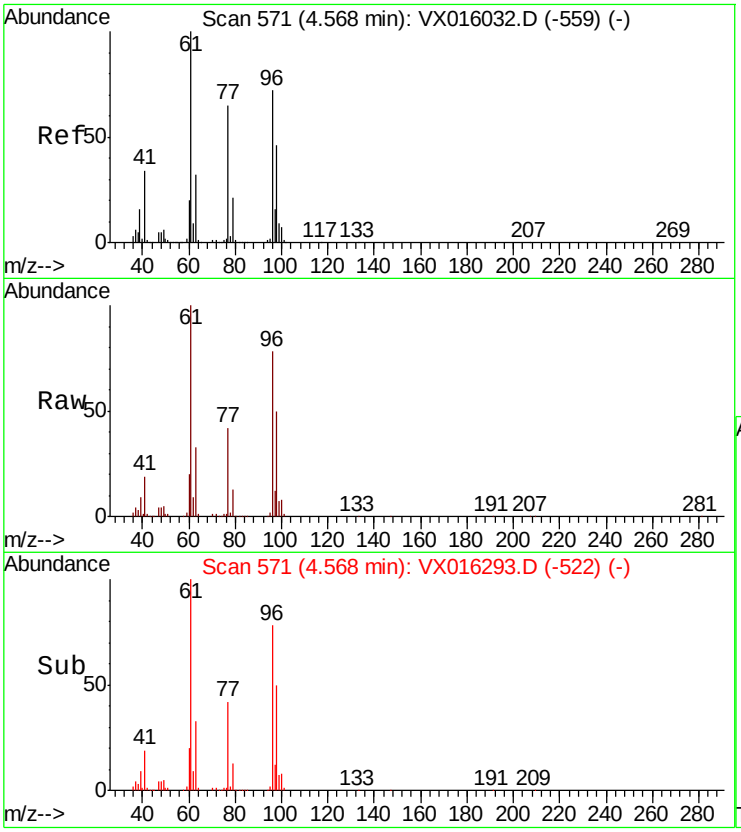


#26
2,2-Dichloropropane
Concen: 42.011 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 77 Resp: 168546

Ion	Ratio	Lower	Upper
77	100		
97	25.2	11.2	33.6



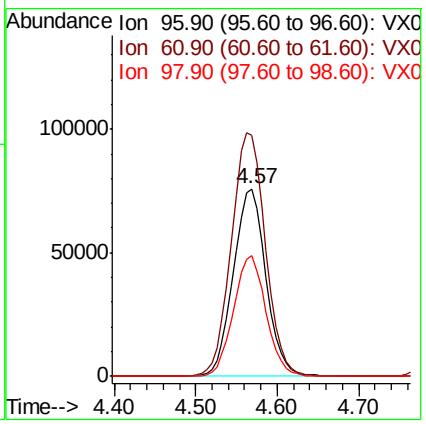


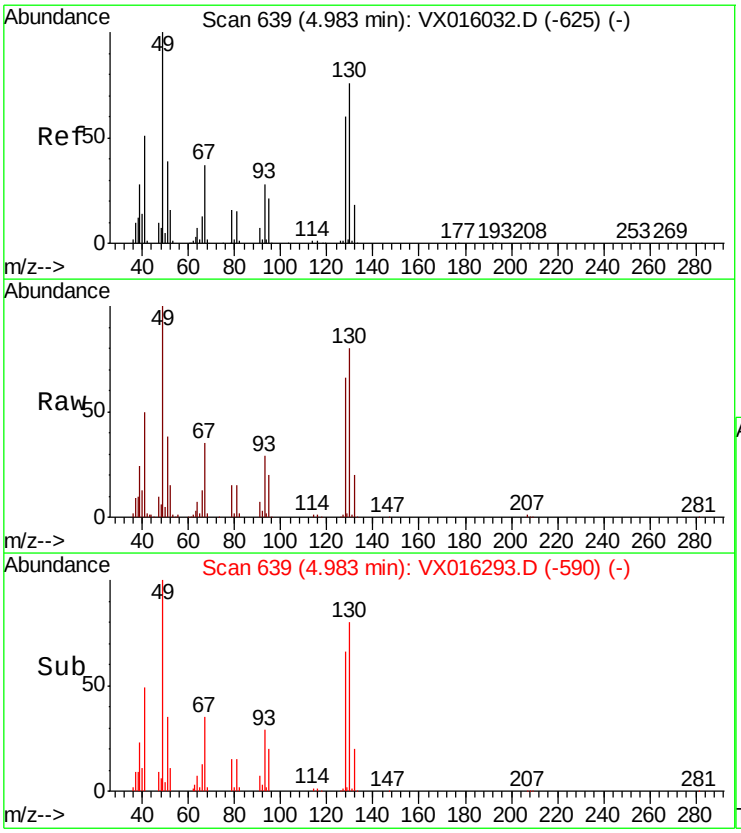
#27
cis-1,2-Dichloroethene
Concen: 75.771 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 96 Resp: 209572

Ion	Ratio	Lower	Upper
96	100		
61	136.0	0.0	296.2
98	64.4	0.0	129.4

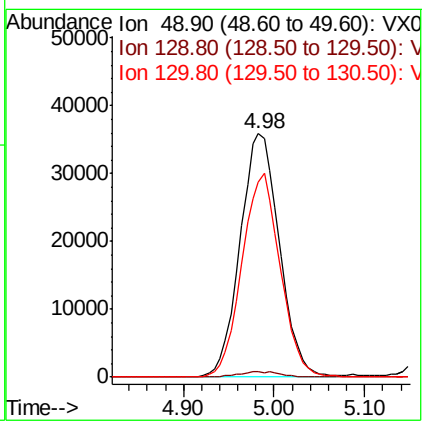


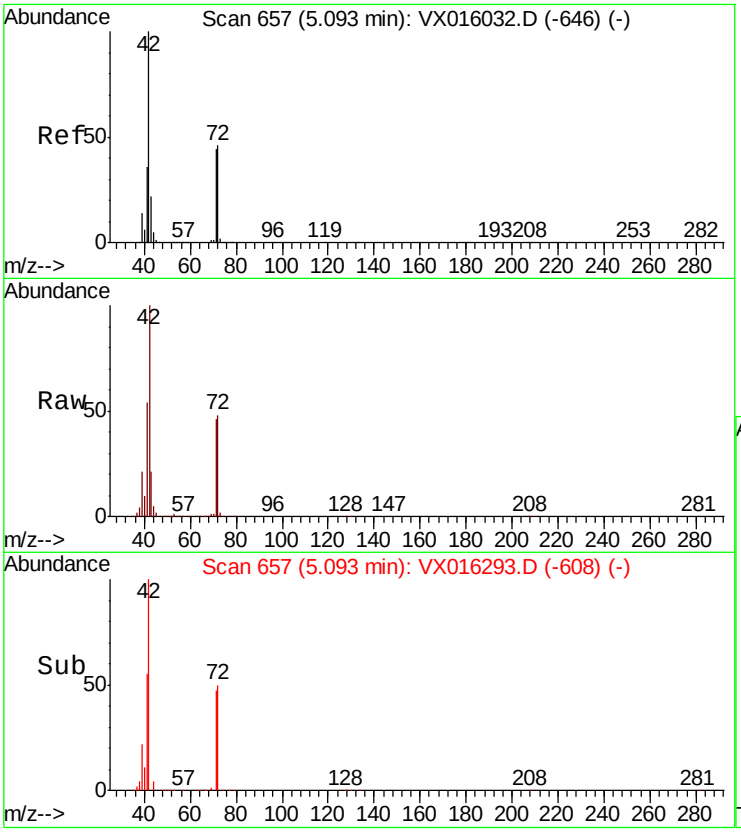


#28
Bromochloromethane
Concen: 53.748 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 49 Resp: 107666

Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	81.4	62.4	93.6



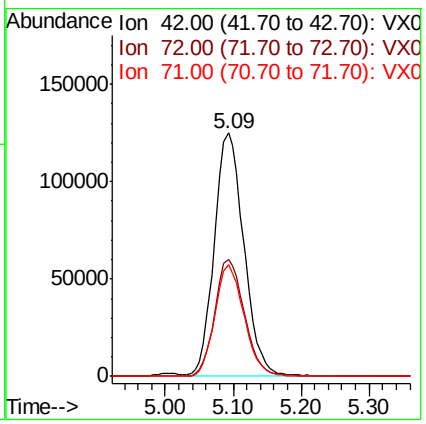


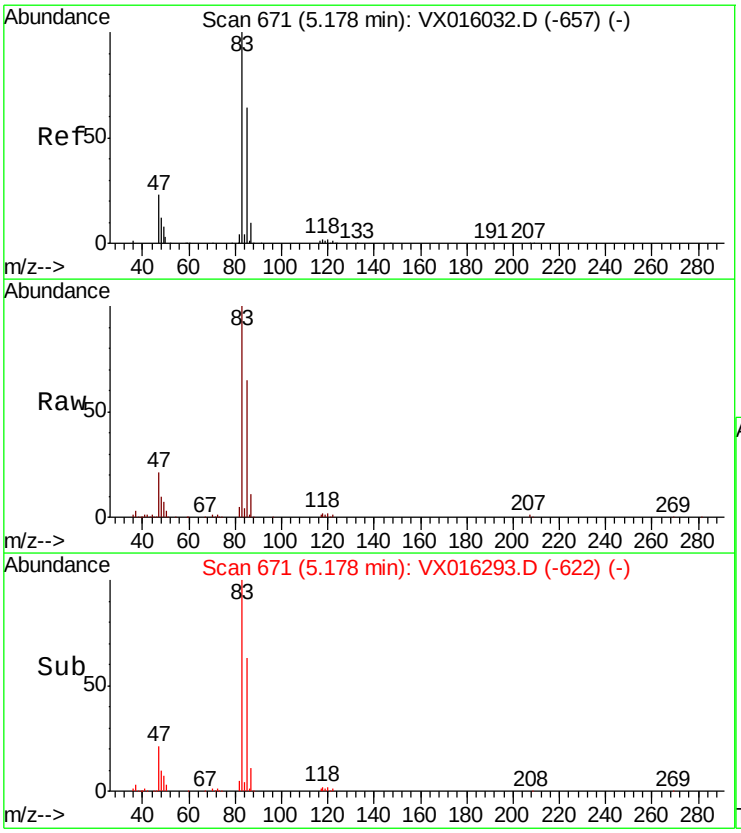
#29
Tetrahydrofuran
Concen: 274.264 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 42 Resp: 375513

Ion	Ratio	Lower	Upper
42	100		
72	48.7	37.1	55.7
71	45.4	34.5	51.7

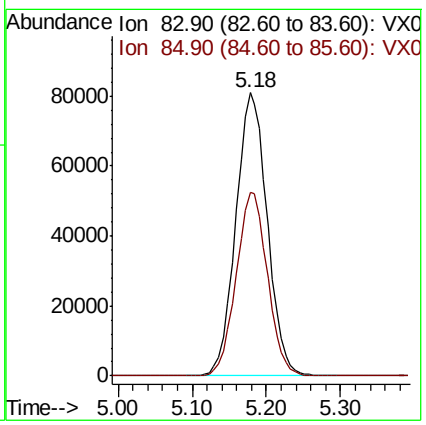


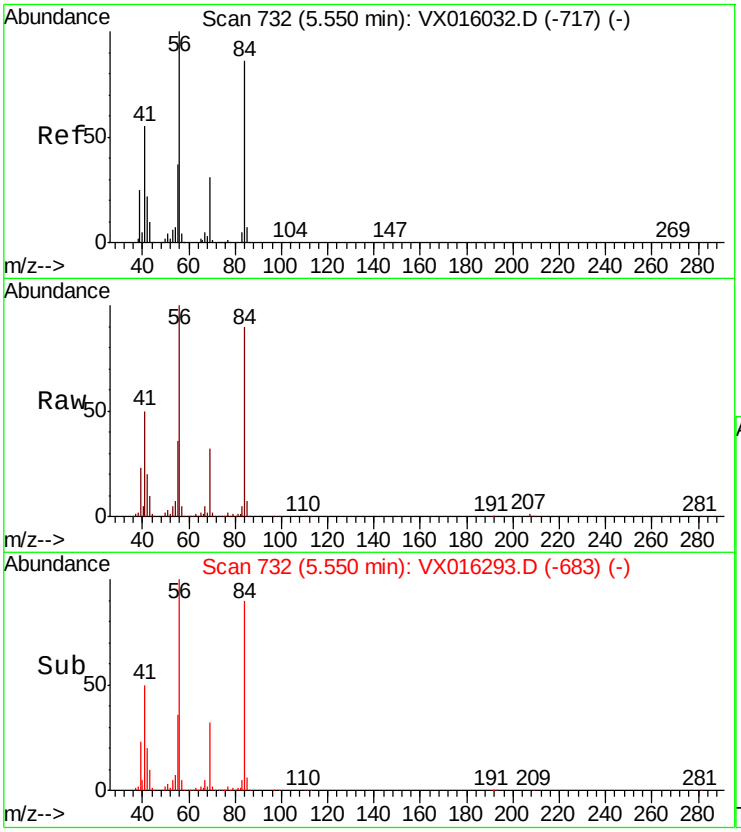


#30
Chloroform
Concen: 54.767 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 83 Resp: 239554

Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.6	77.4



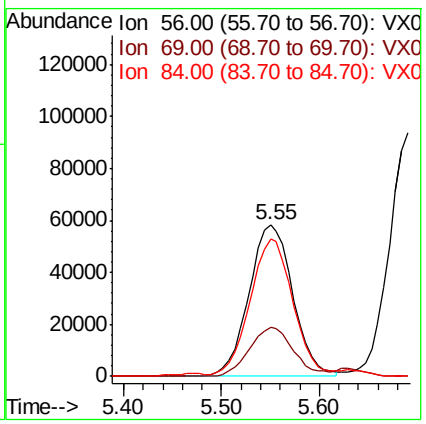


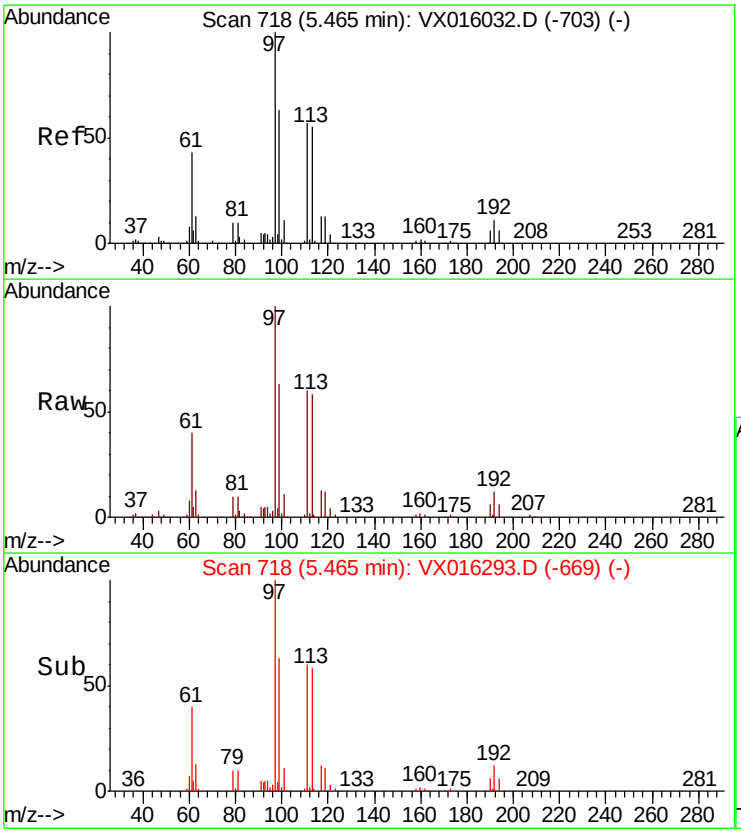
#31
Cyclohexane
Concen: 45.524 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 56 Resp: 181754

Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.0	37.6
84	88.4	69.0	103.6

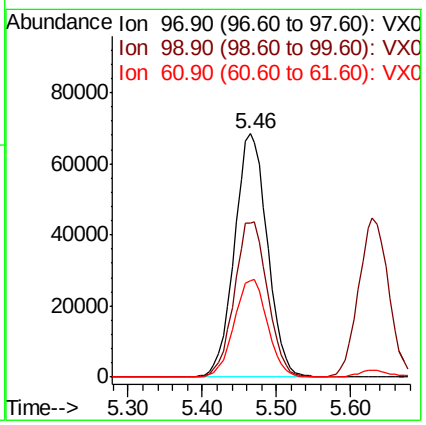


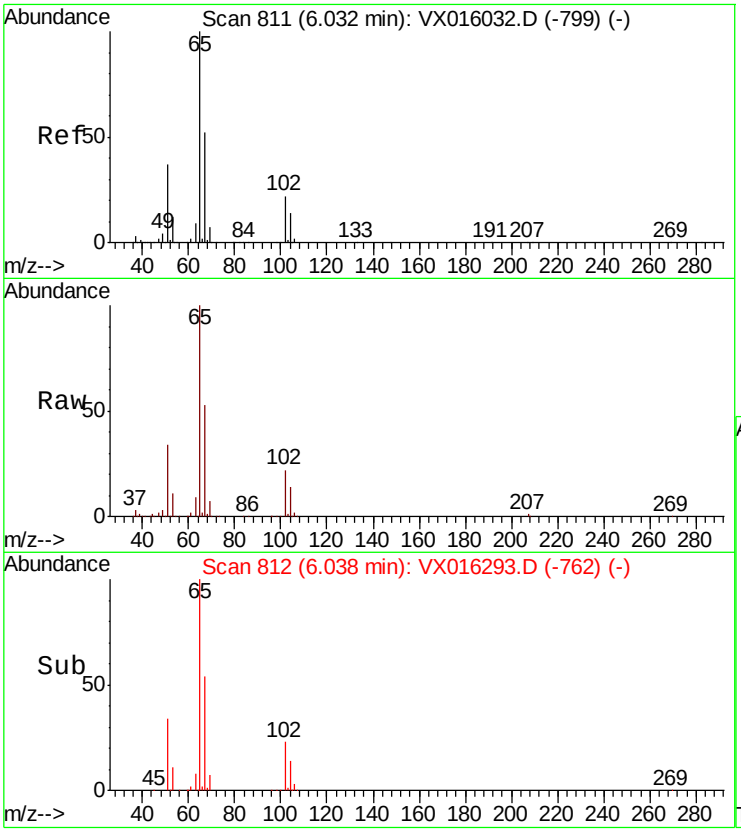


#32
1,1,1-Trichloroethane
Concen: 53.333 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 97 Resp: 212047

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	40.9	34.5	51.7



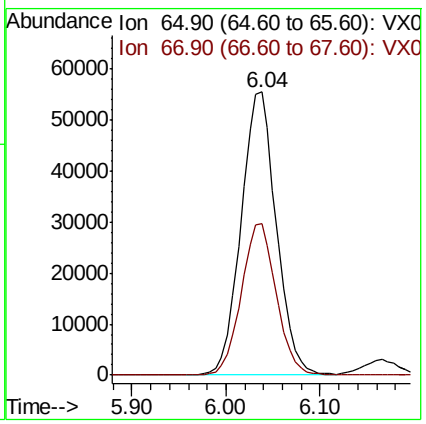


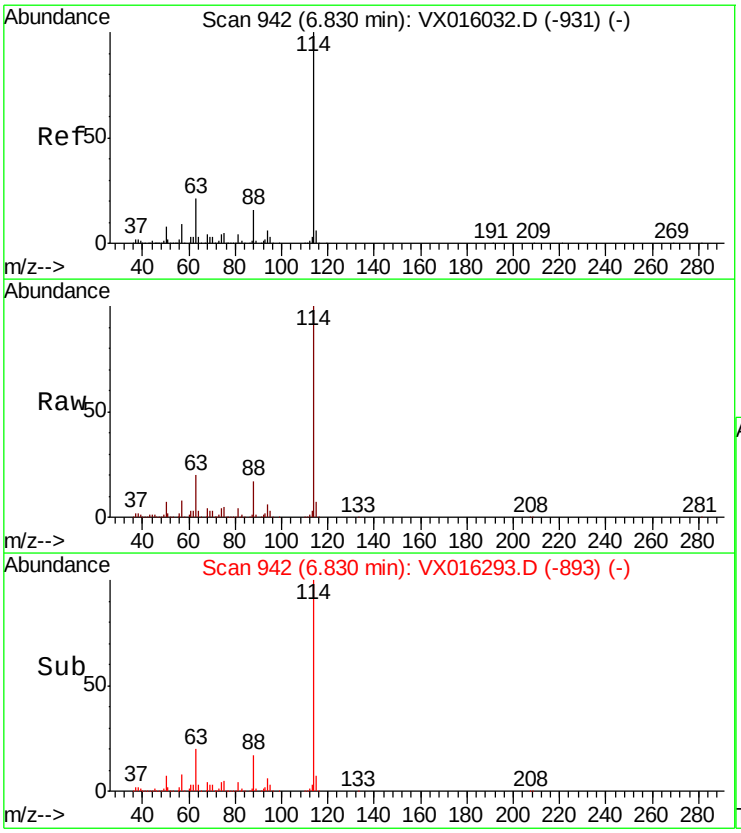
#33
1,2-Dichloroethane-d4
Concen: 50.671 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 65 Resp: 145625

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.8

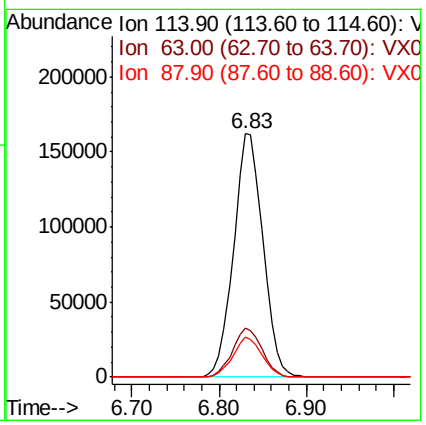


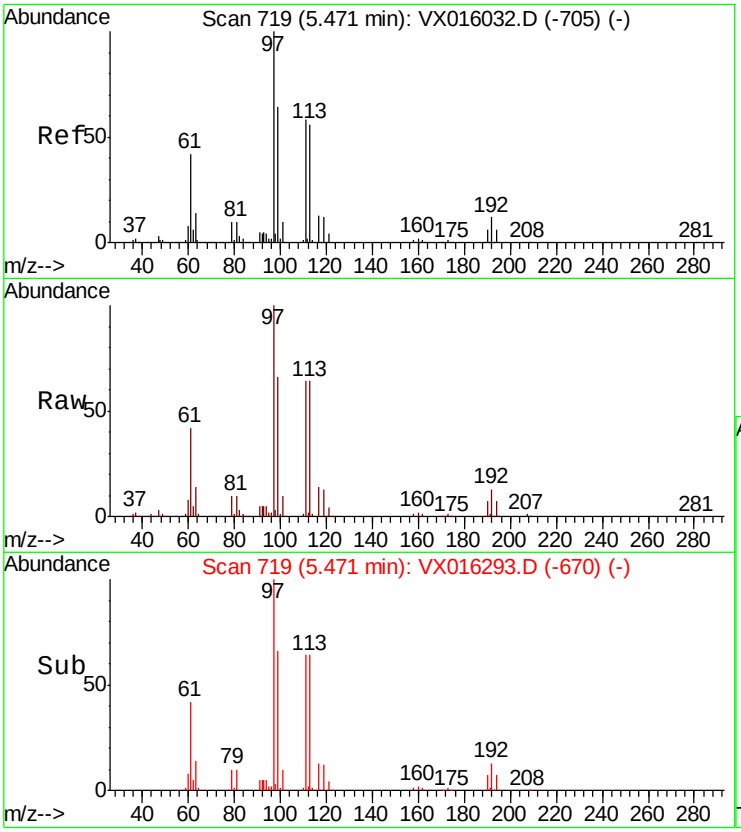


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:114 Resp: 377715

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	42.8
88	16.5	0.0	31.4



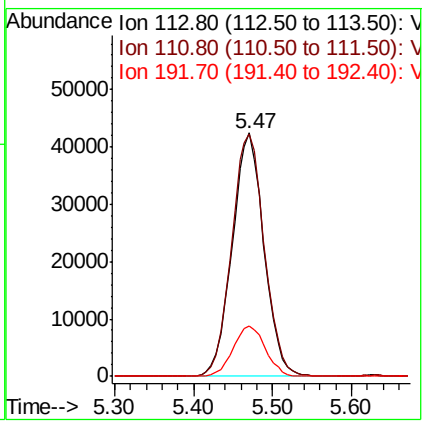


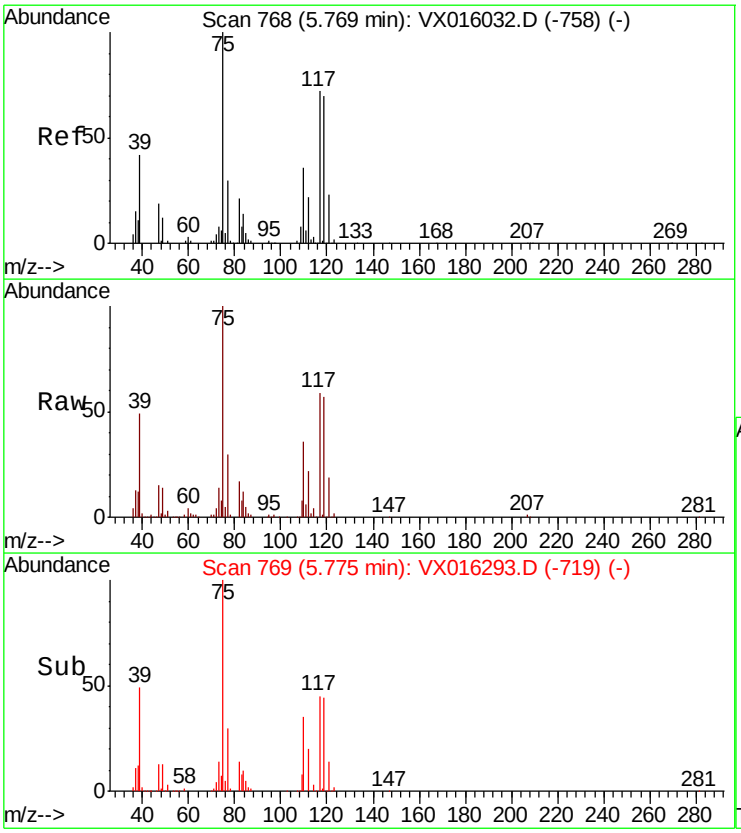
#35
Dibromofluoromethane
Concen: 49.424 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:113 Resp: 118272

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.6	122.4
192	21.2	17.0	25.4

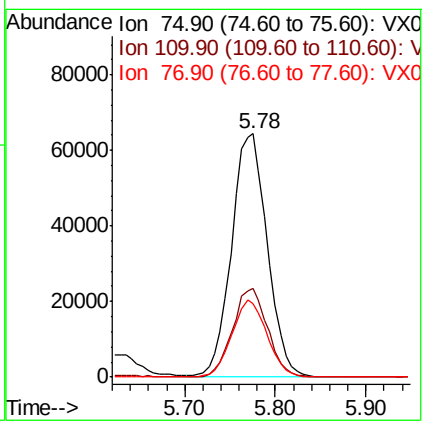


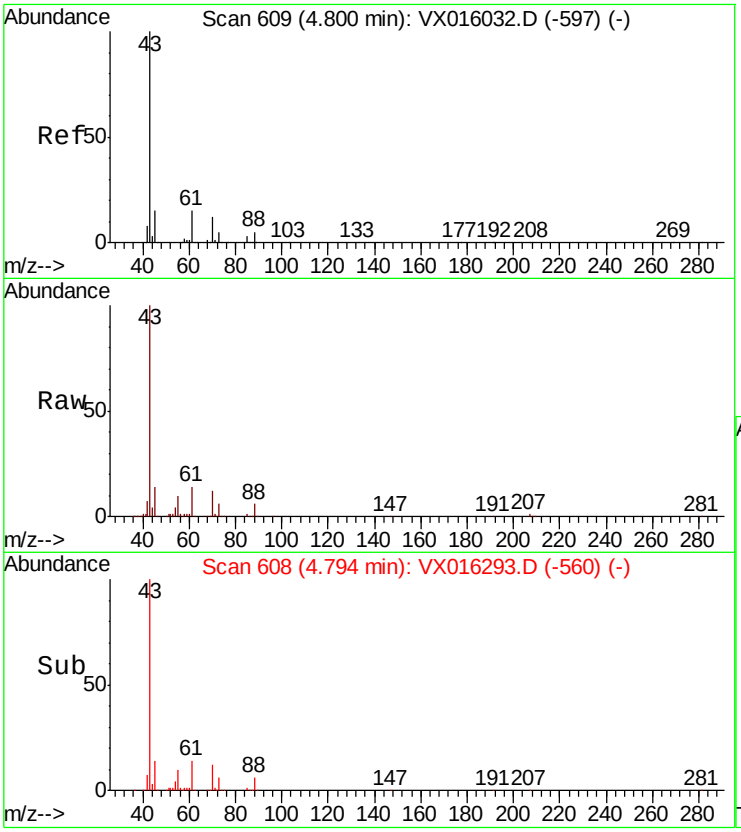


#36
1,1-Dichloropropene
Concen: 47.135 ug/l
RT: 5.78 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 75 Resp: 175252

Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.1	54.1
77	31.1	25.0	37.6



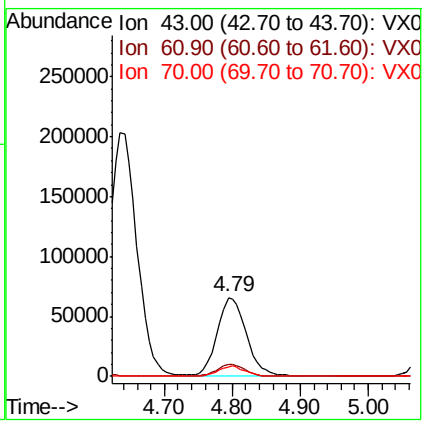


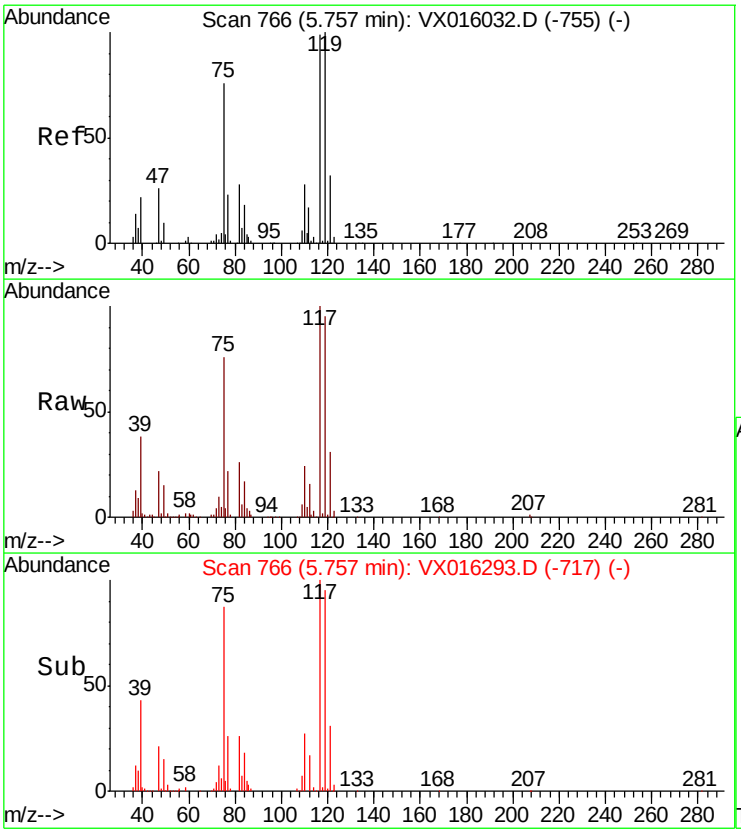
#37
Ethyl Acetate
Concen: 44.913 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument : MSVOA_X
ClientSampleId : S32-0685MSD

Tgt Ion: 43 Resp: 193548

Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.7	17.5
70	12.4	9.3	13.9

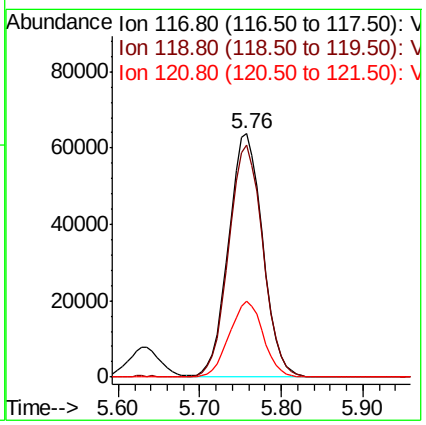


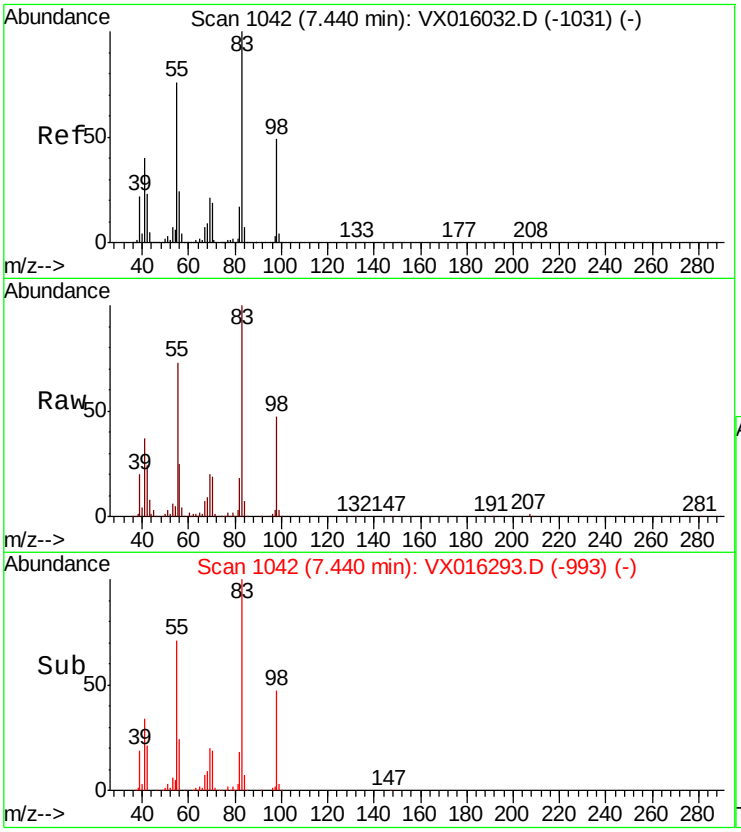


#38
Carbon Tetrachloride
Concen: 48.910 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:117 Resp: 184838

Ion	Ratio	Lower	Upper
117	100		
119	95.0	80.3	120.5
121	31.2	25.7	38.5



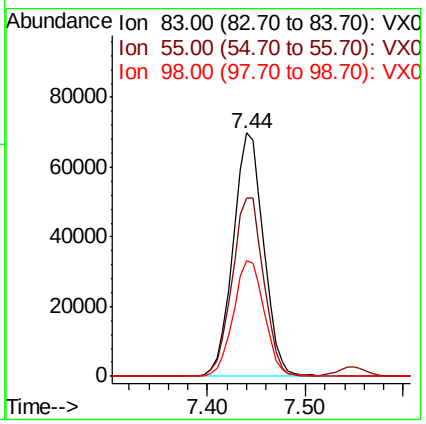


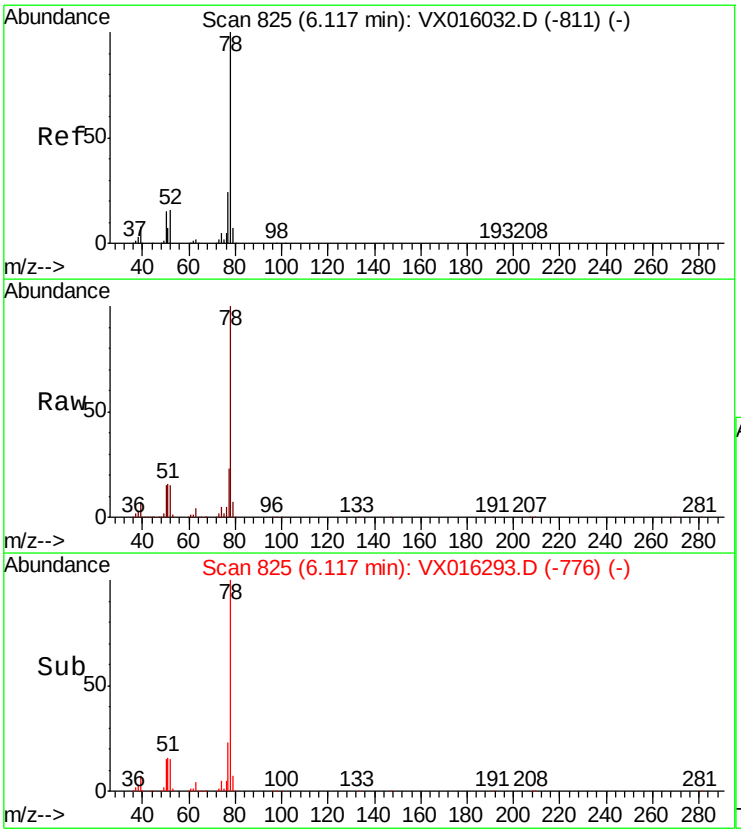
#39
Methylcyclohexane
Concen: 33.669 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 83 Resp: 150756

Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.1	91.7
98	47.4	39.0	58.4

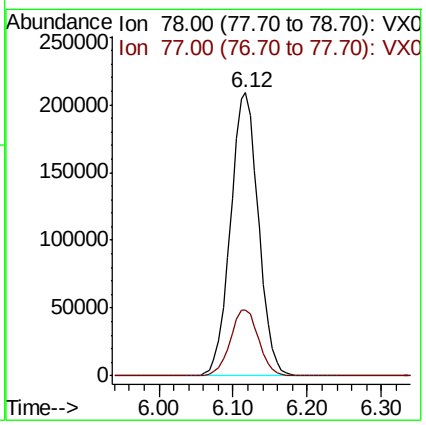


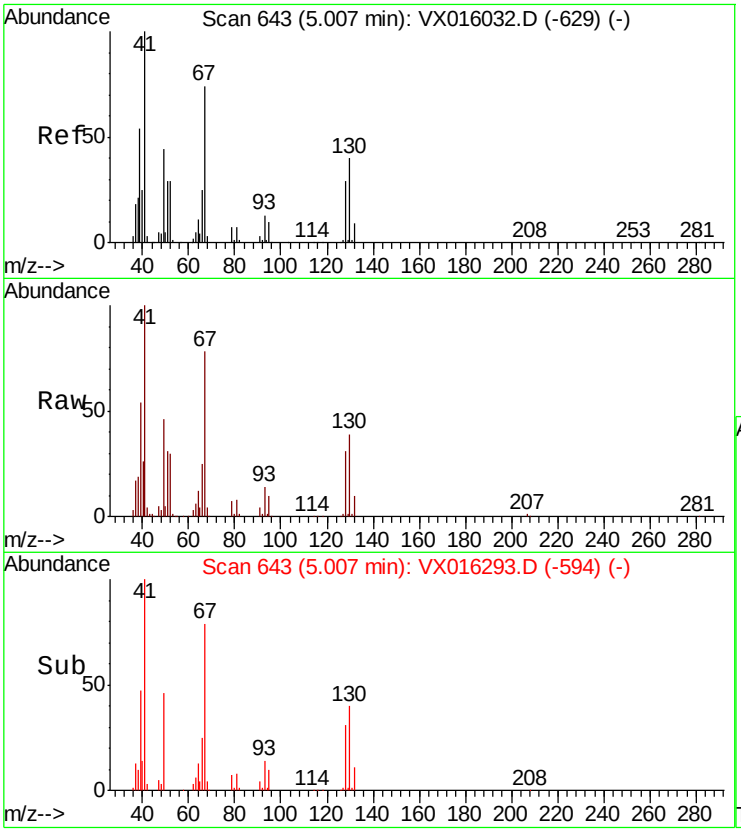


#40
Benzene
Concen: 50.410 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 78 Resp: 548404

Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4



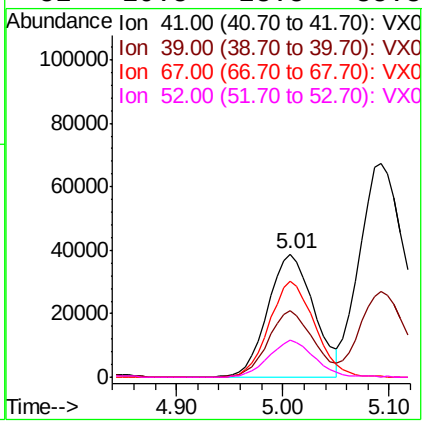


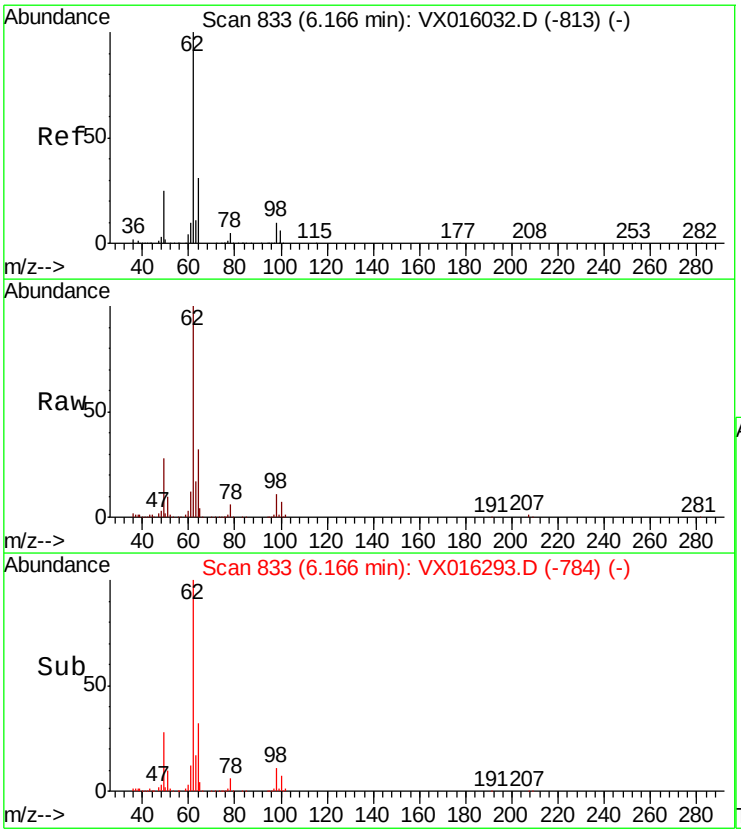
#41
Methacrylonitrile
Concen: 49.727 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument : MSVOA_X
ClientSampleId : S32-0685MSD

Tgt Ion: 41 Resp: 115727

Ion	Ratio	Lower	Upper
41	100		
39	53.2	43.2	64.8
67	77.6	59.3	88.9
52	29.5	23.5	35.3

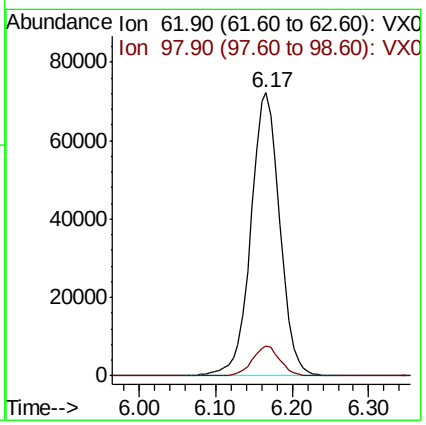


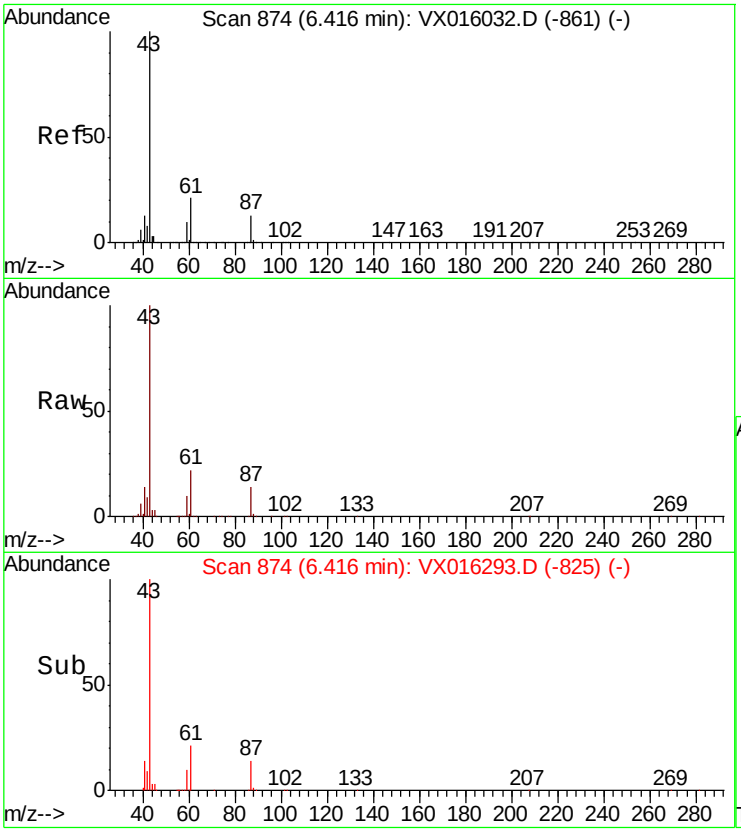


#42
1,2-Dichloroethane
Concen: 48.682 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 62 Resp: 190782

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4



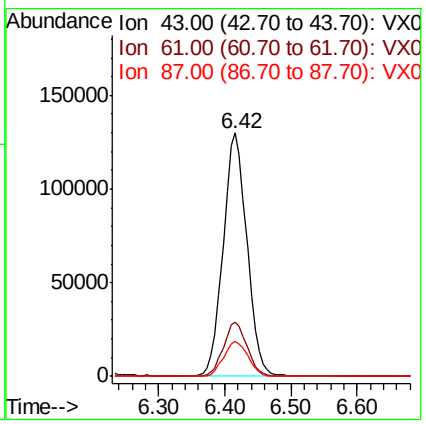


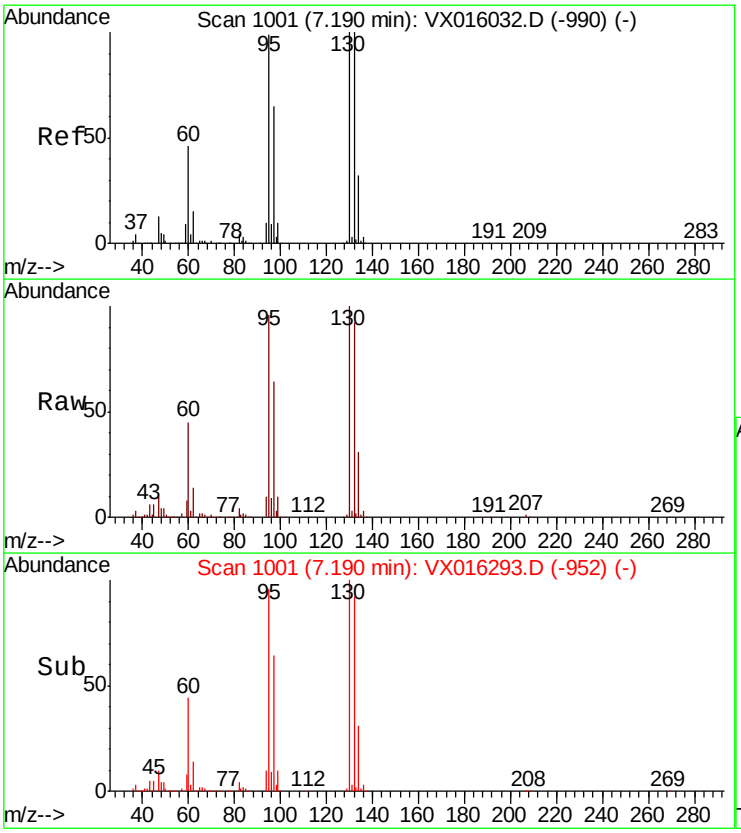
#43
Isopropyl Acetate
Concen: 46.618 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 43 Resp: 320536

Ion	Ratio	Lower	Upper
43	100		
61	22.2	17.0	25.4
87	14.8	11.0	16.6

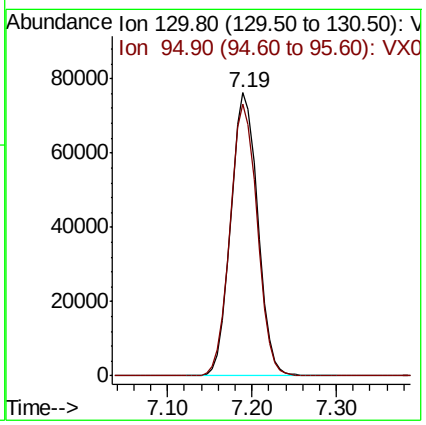


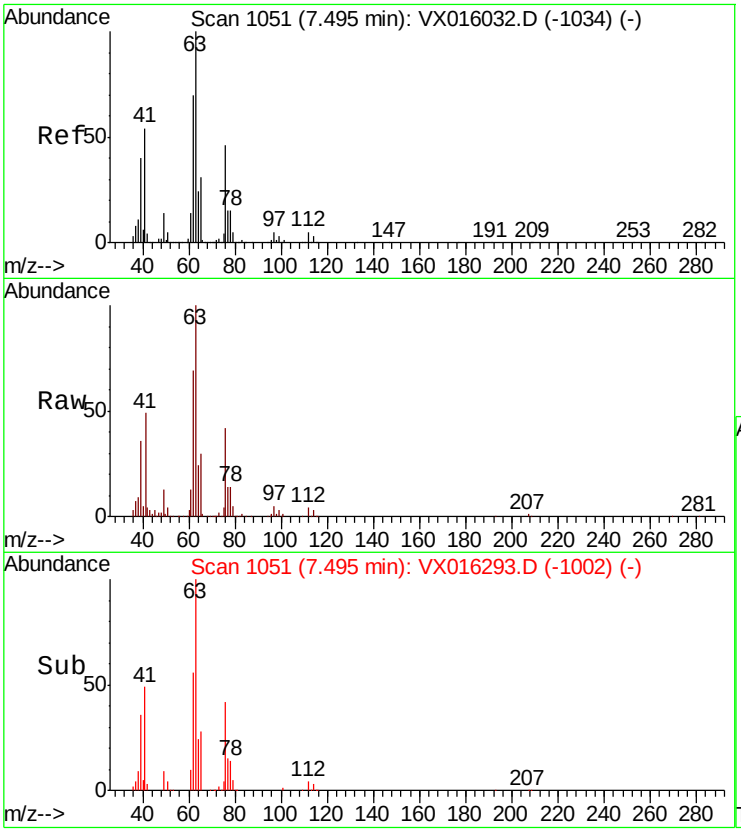


#44
Trichloroethene
Concen: 42.552 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:130 Resp: 164459

Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	197.4



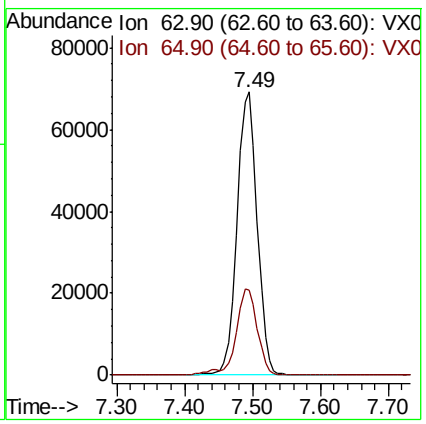


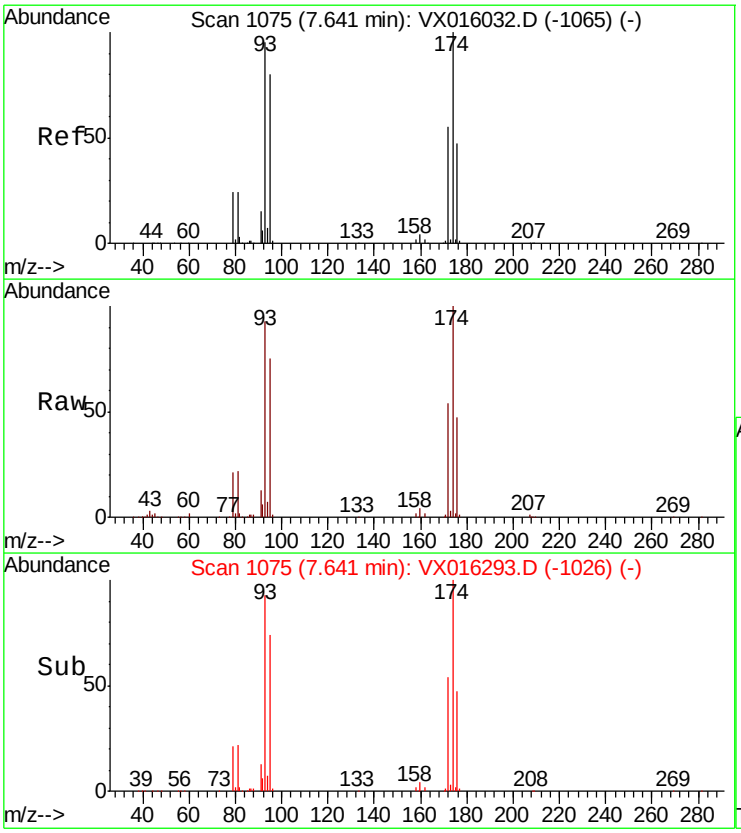
#45
1,2-Dichloropropane
Concen: 51.603 ug/l
RT: 7.49 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 63 Resp: 142050

Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.4	36.6

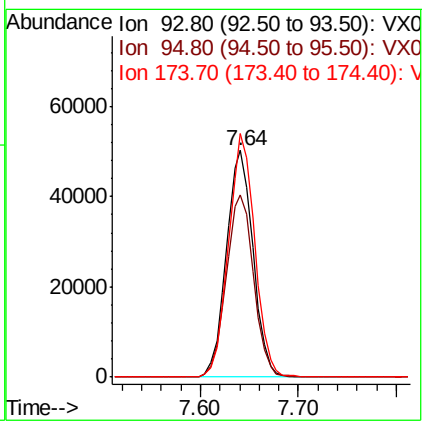


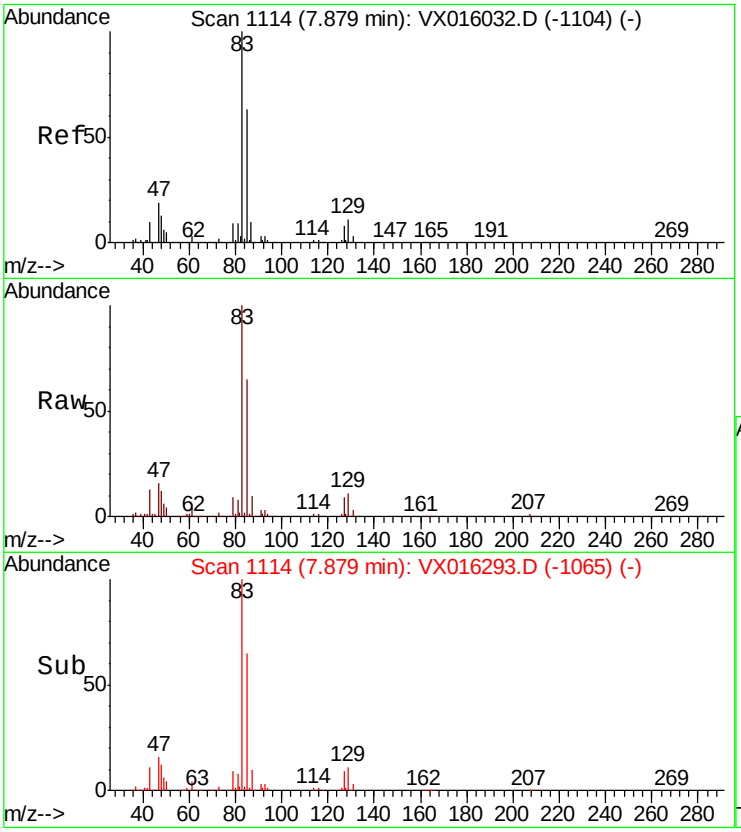


#46
Dibromomethane
Concen: 50.744 ug/l
RT: 7.64 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 93 Resp: 94925

Ion	Ratio	Lower	Upper
93	100		
95	82.3	66.6	100.0
174	105.9	84.2	126.4



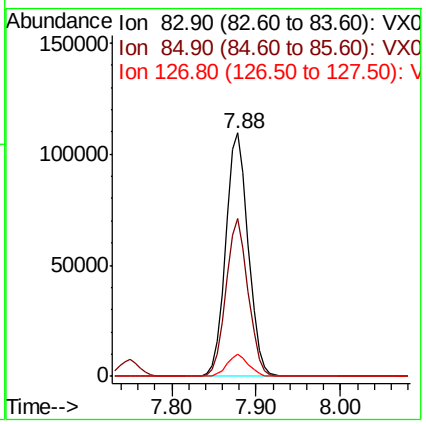


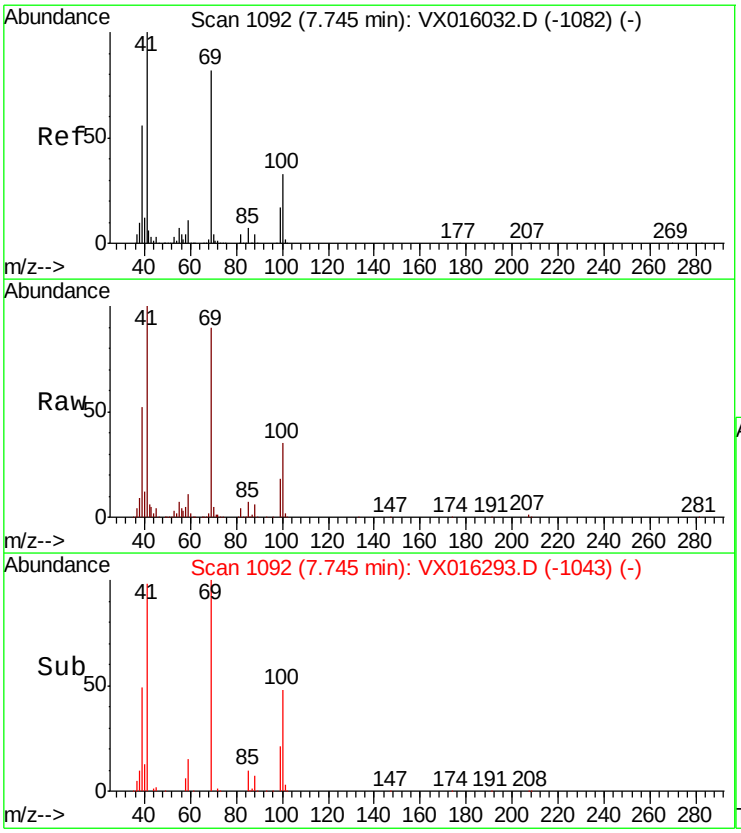
#47
Bromodichloromethane
Concen: 52.205 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 83 Resp: 198896

Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.5	75.7
127	9.0	6.7	10.1

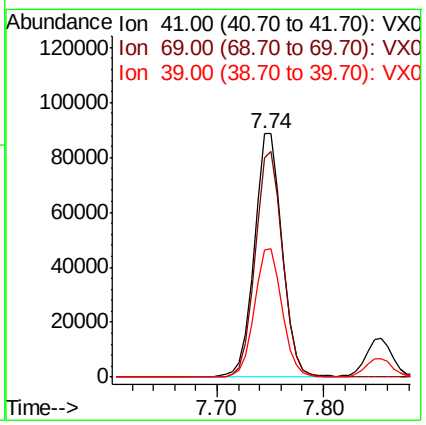


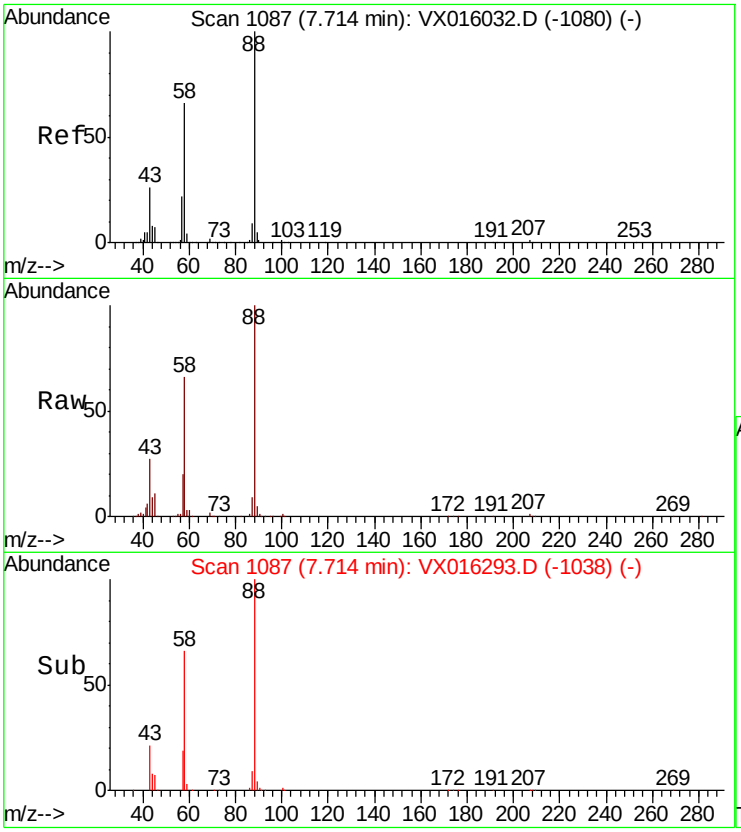


#48
Methyl methacrylate
Concen: 49.486 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 41 Resp: 161227

Ion	Ratio	Lower	Upper
41	100		
69	92.1	67.8	101.6
39	52.6	44.6	67.0



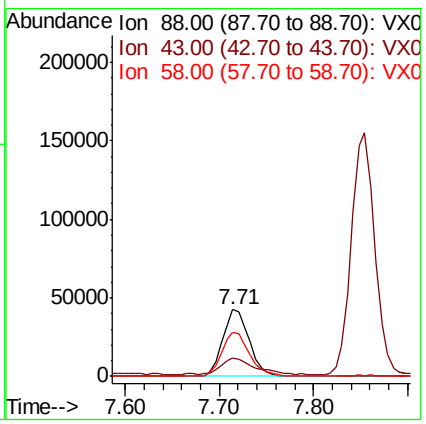


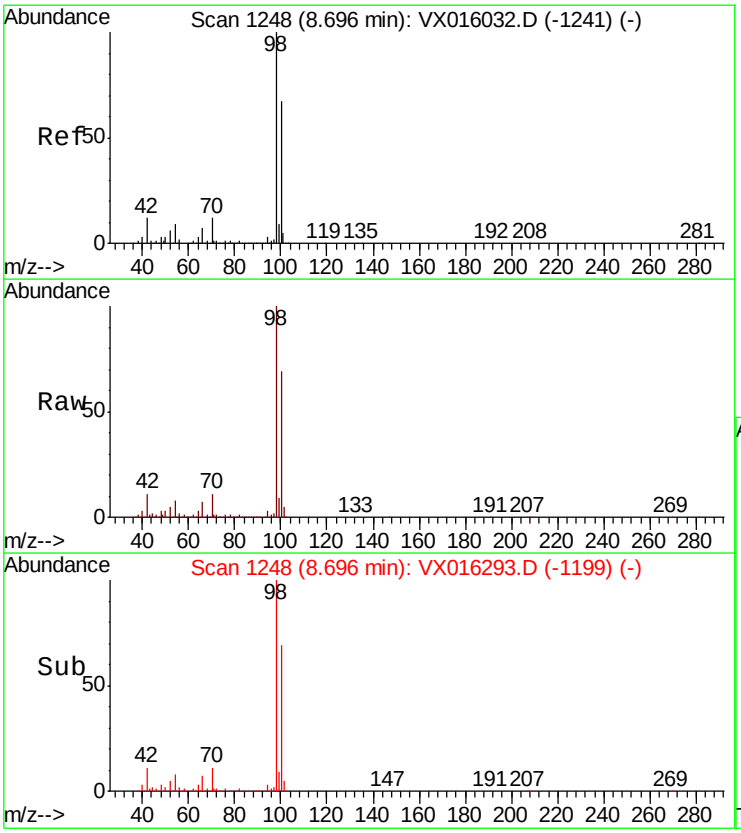
#49
1,4-Dioxane
Concen: 1056.671 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 88 Resp: 82567

Ion	Ratio	Lower	Upper
88	100		
43	30.2	25.3	37.9
58	68.9	55.9	83.9

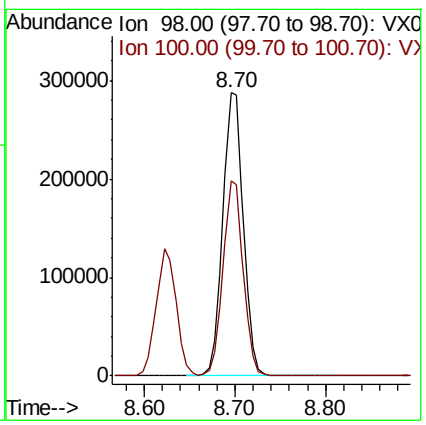


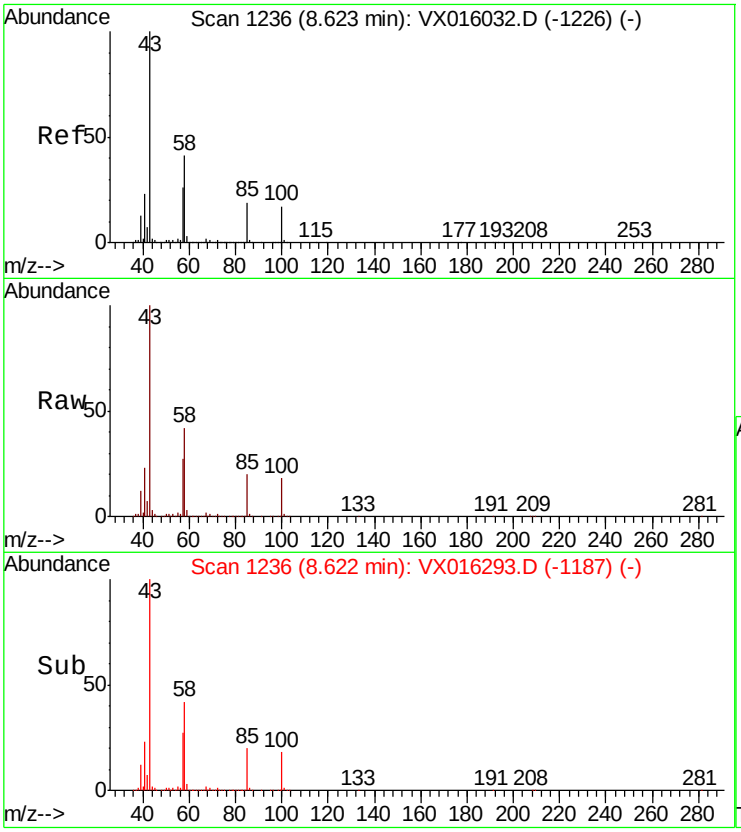


#50
Toluene-d8
Concen: 49.100 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 98 Resp: 452723

Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.7	80.5



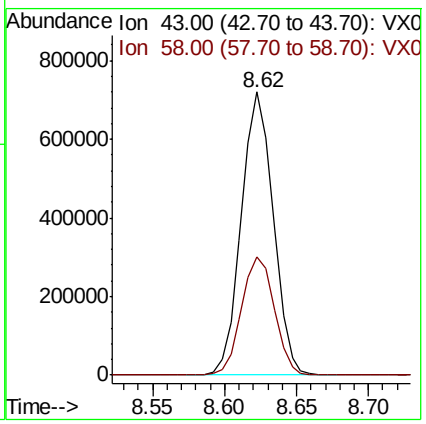


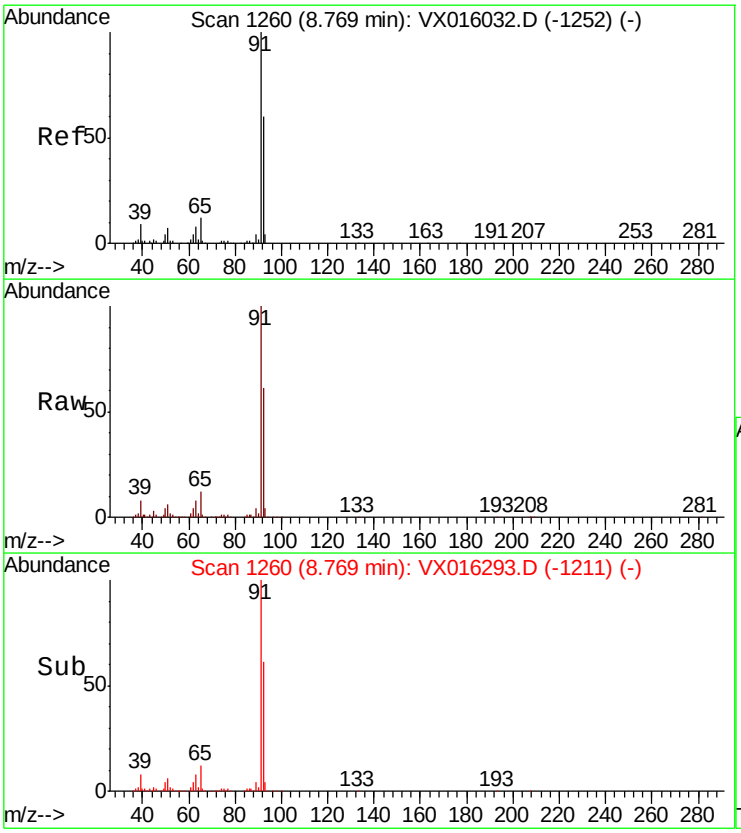
#51
4-Methyl-2-Pentanone
Concen: 262.312 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument : MSVOA_X
ClientSampleId : S32-0685MSD

Tgt Ion: 43 Resp: 1103689

Ion	Ratio	Lower	Upper
43	100		
58	43.0	33.0	49.4

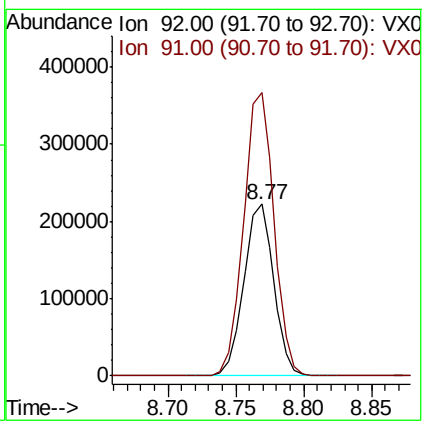


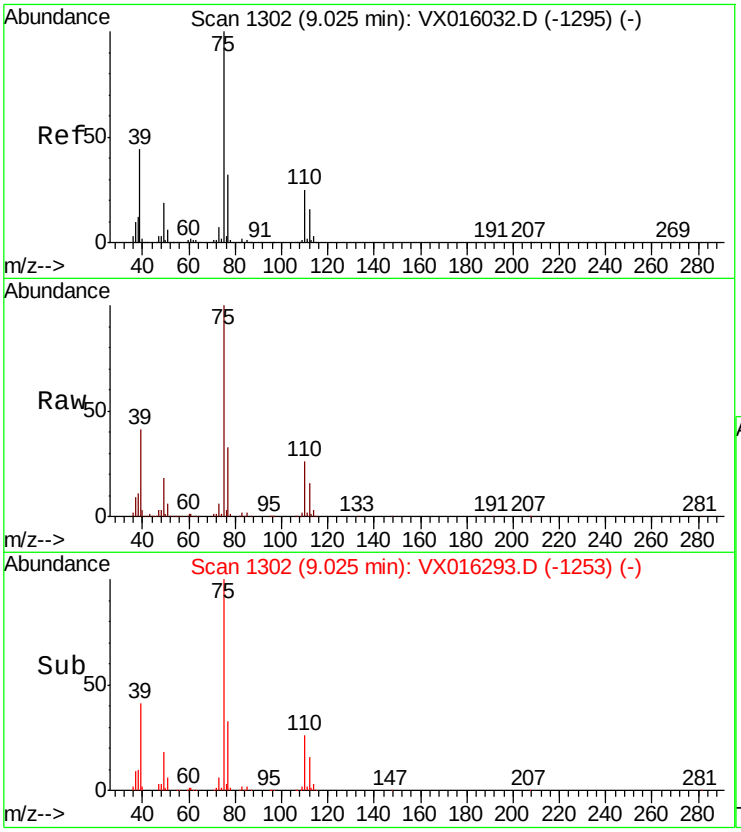


#52
Toluene
Concen: 50.758 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 92 Resp: 344191

Ion	Ratio	Lower	Upper
92	100		
91	167.1	134.5	201.7



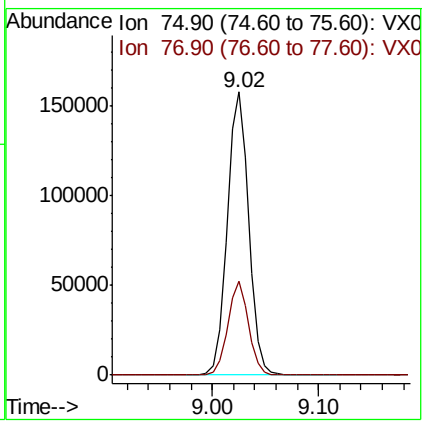


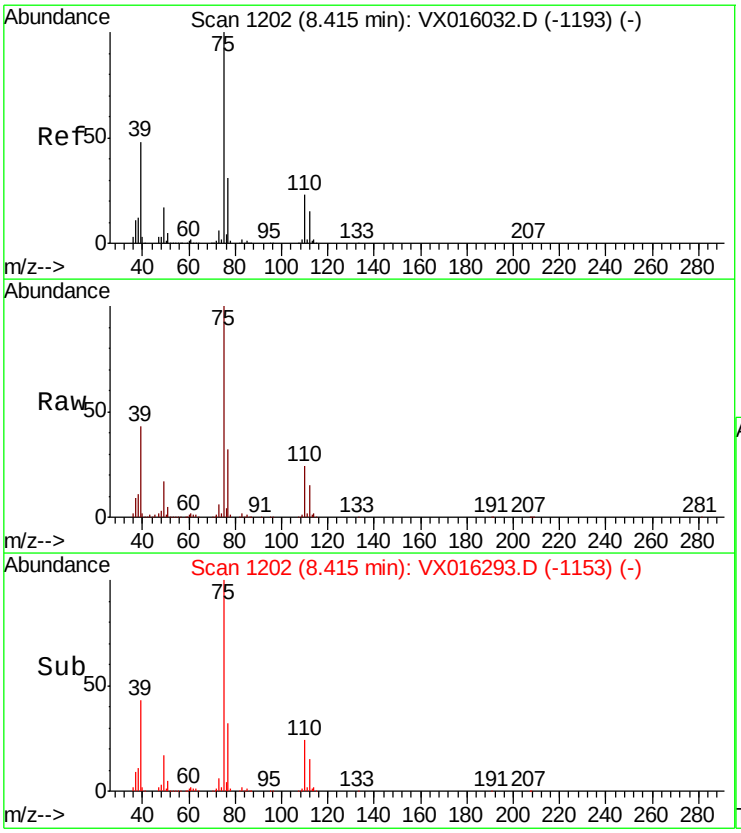
#53
t-1,3-Dichloropropene
Concen: 48.842 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 75 Resp: 221869

Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.7	38.5

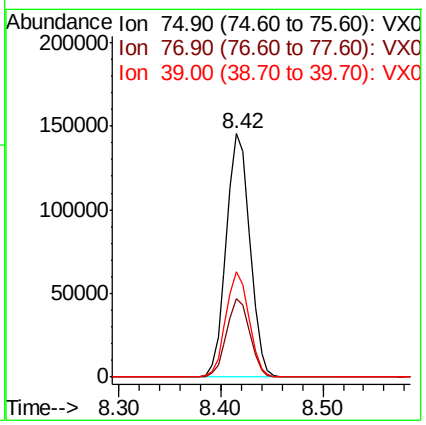


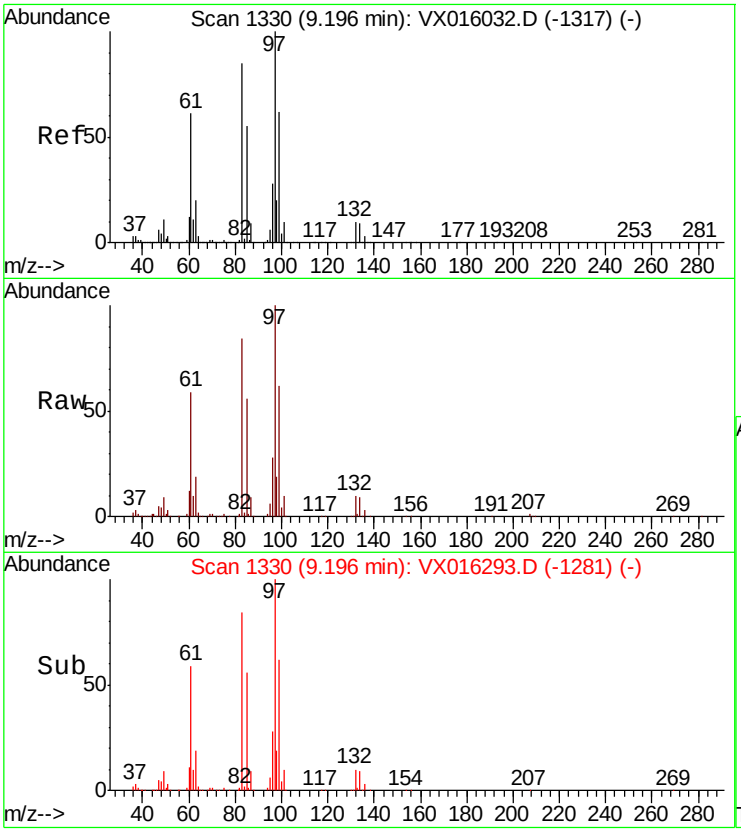


#54
cis-1,3-Dichloropropene
Concen: 49.054 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 75 Resp: 232749

Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.7	37.1
39	43.0	38.7	58.1



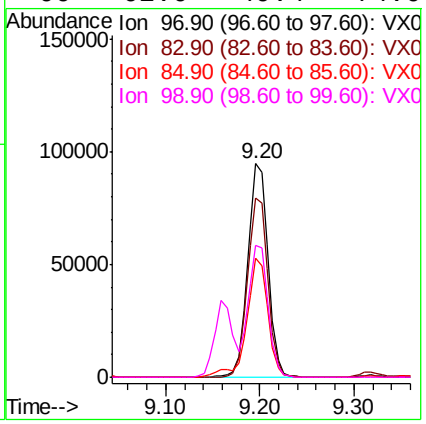


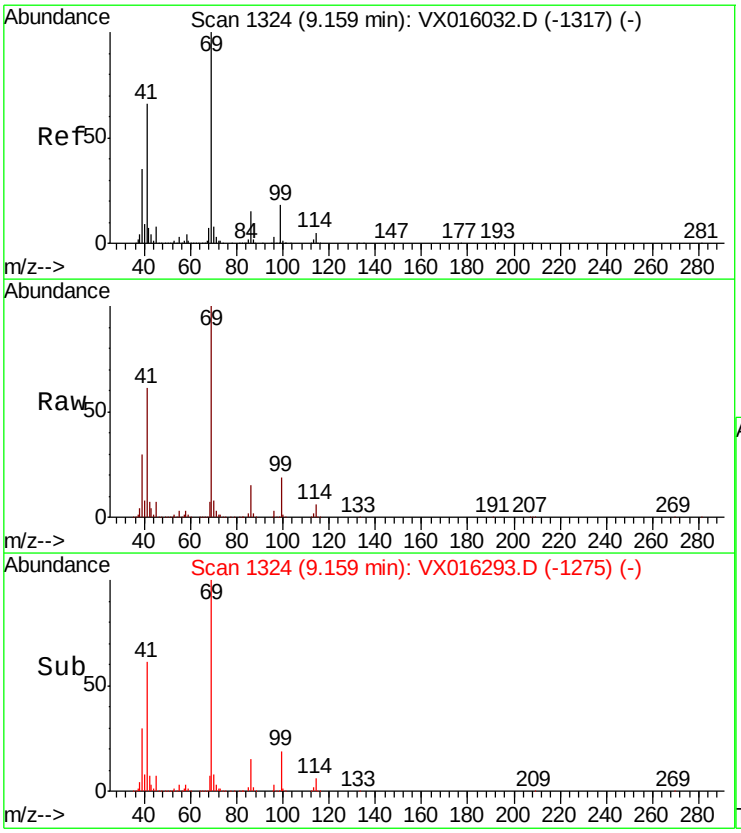
#55
1,1,2-Trichloroethane
Concen: 53.679 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument : MSVOA_X
ClientSampleId : S32-0685MSD

Tgt Ion: 97 Resp: 143209

Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.8	101.8
85	55.6	43.8	65.8
99	62.0	49.4	74.0

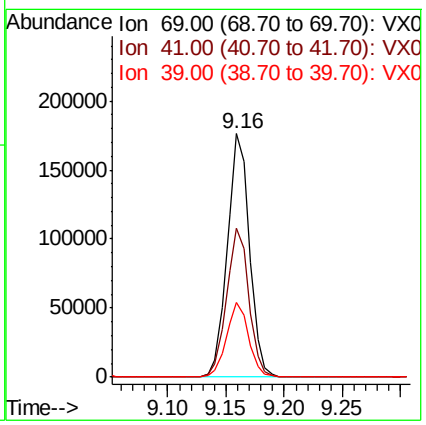


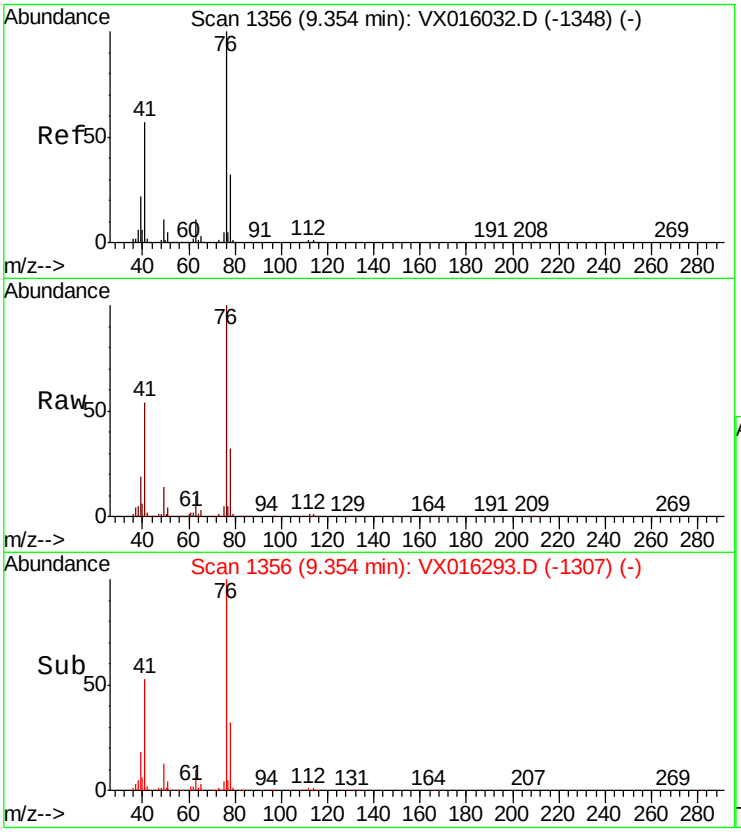


#56
Ethyl methacrylate
Concen: 53.578 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 69 Resp: 233325

Ion	Ratio	Lower	Upper
69	100		
41	60.8	52.2	78.4
39	30.6	28.2	42.4



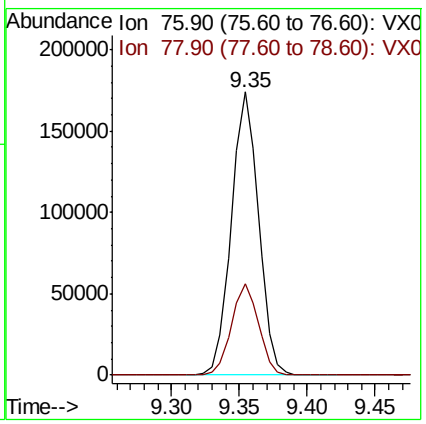


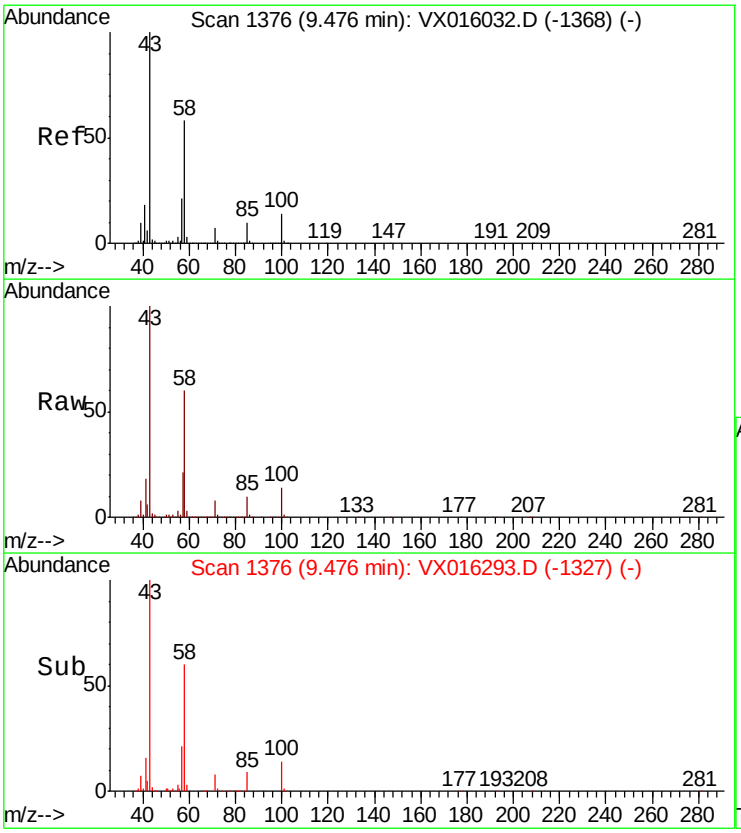
#57
1,3-Dichloropropane
Concen: 51.998 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 76 Resp: 242061

Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

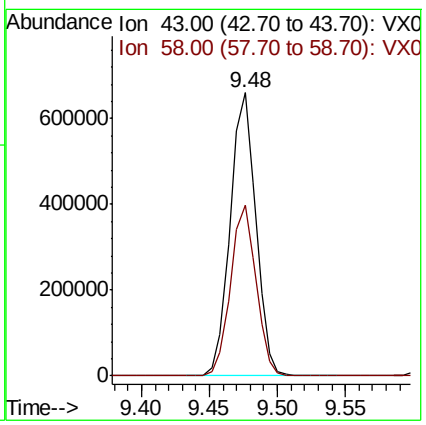


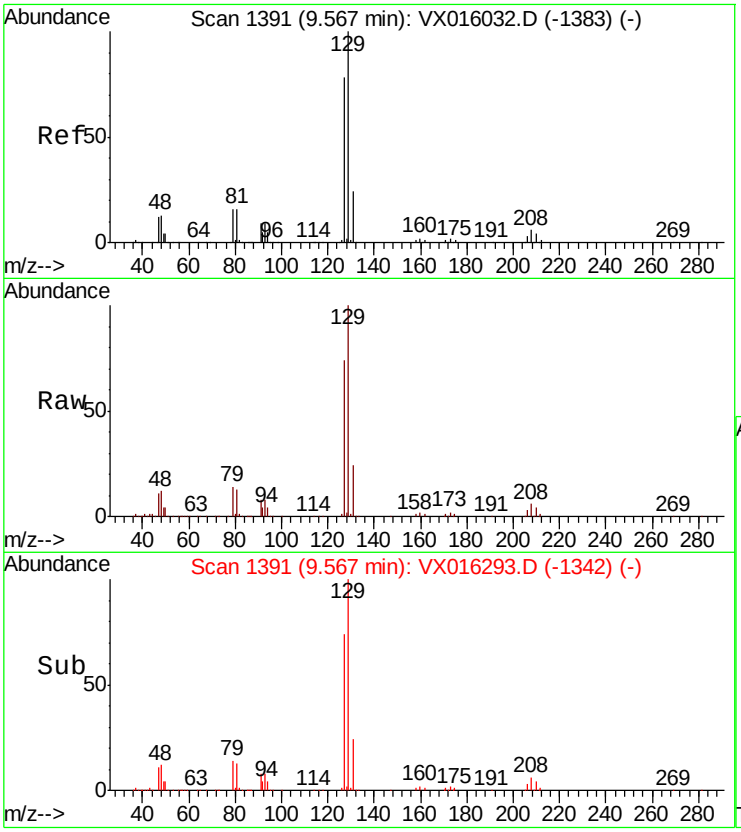


#59
2-Hexanone
Concen: 261.837 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 43 Resp: 865183

Ion	Ratio	Lower	Upper
43	100		
58	60.3	28.6	85.9



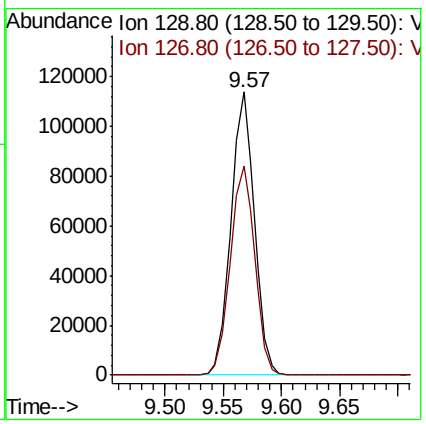


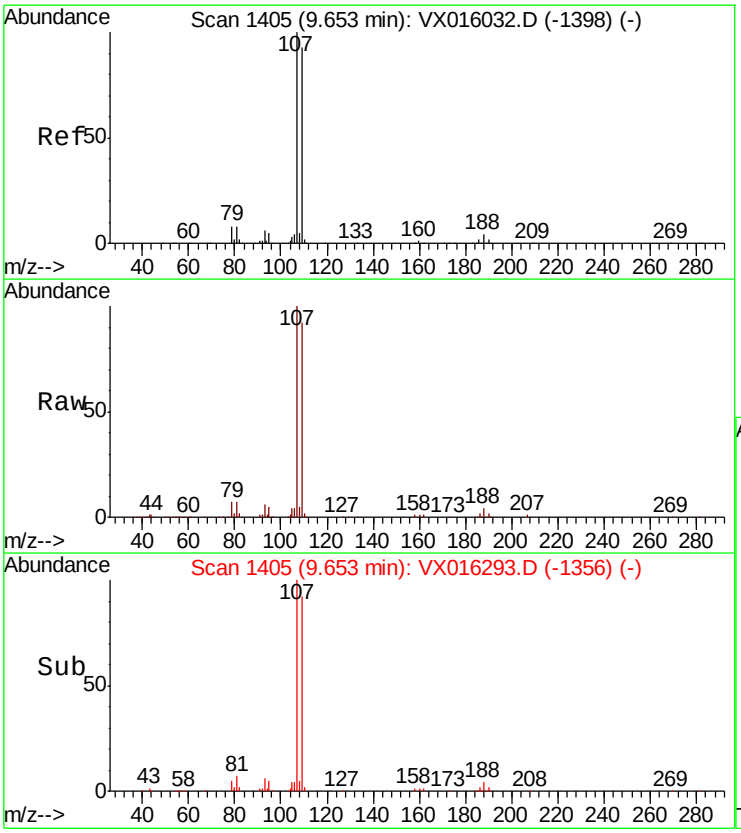
#60
Dibromochloromethane
Concen: 54.490 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:129 Resp: 160109

Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.4	115.2

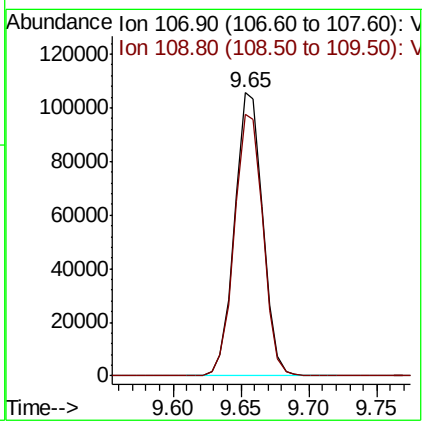


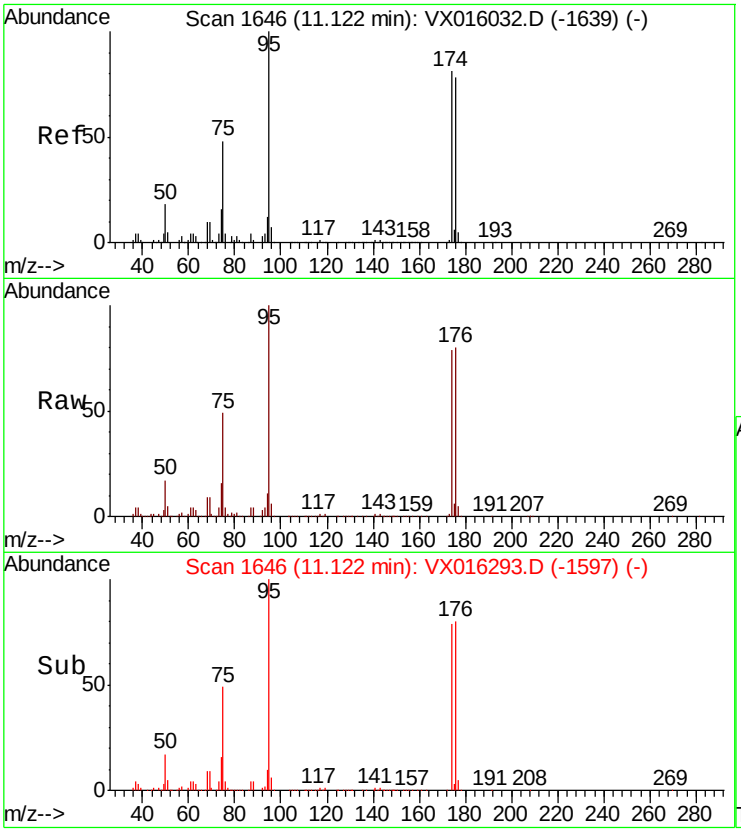


#61
1,2-Dibromoethane
Concen: 52.483 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:107 Resp: 151666

Ion	Ratio	Lower	Upper
107	100		
109	94.0	74.9	112.3



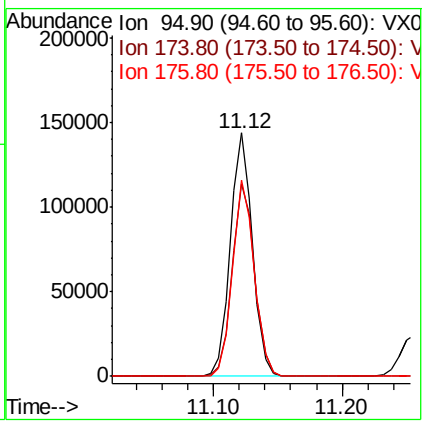


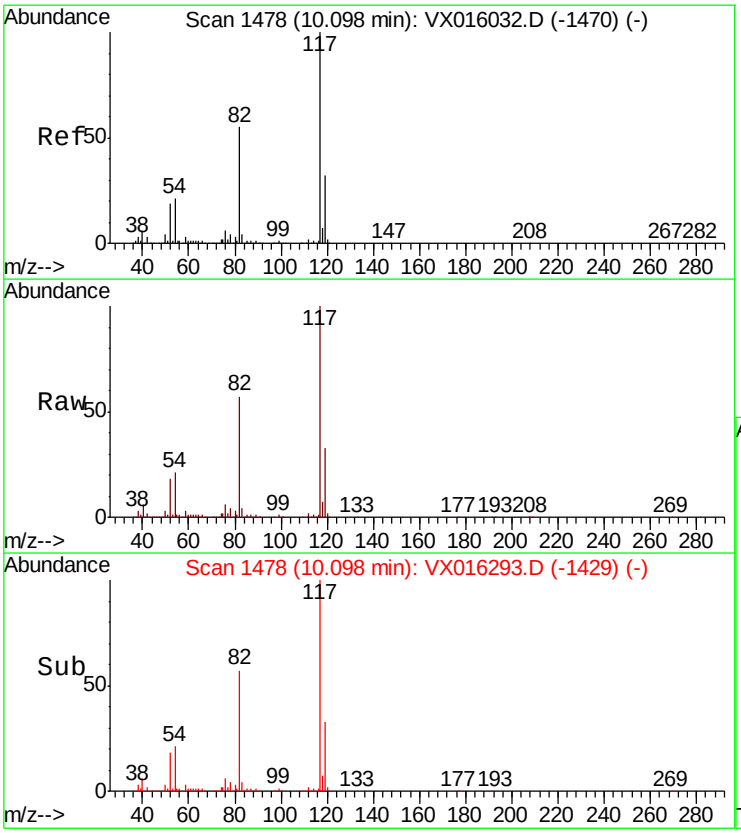
#62
4-Bromofluorobenzene
Concen: 49.259 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 95 Resp: 172752

Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	159.4
176	78.9	0.0	157.6

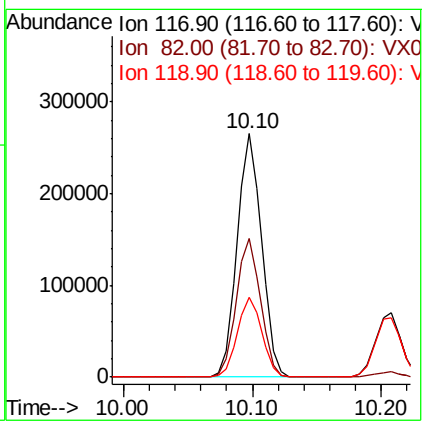


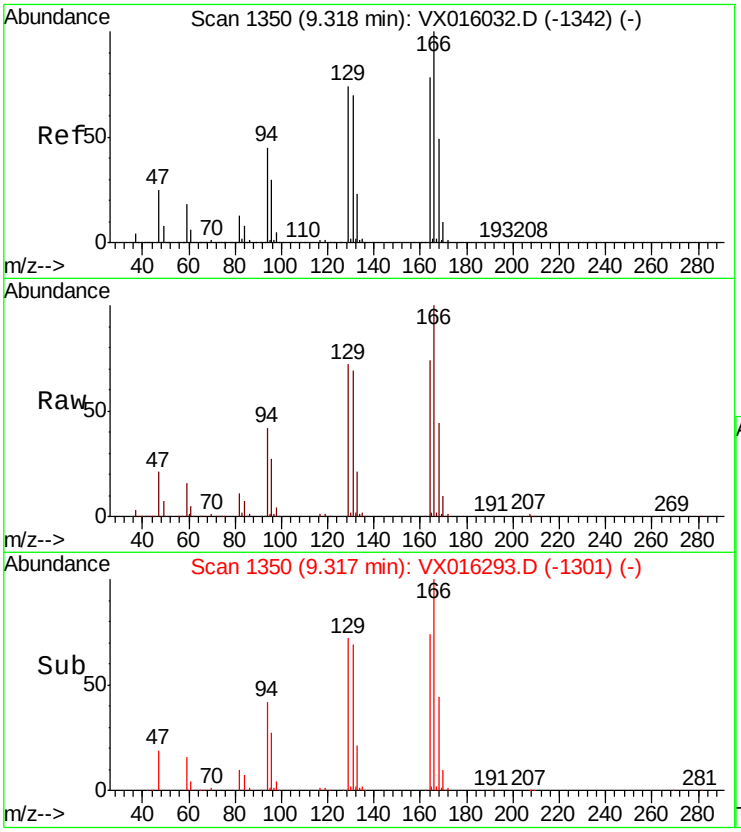


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:117 Resp: 349169

Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.4	66.6
119	32.9	25.5	38.3



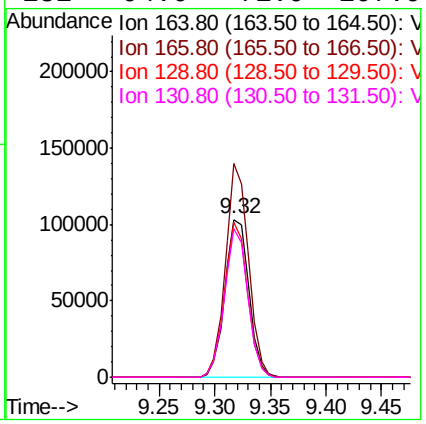


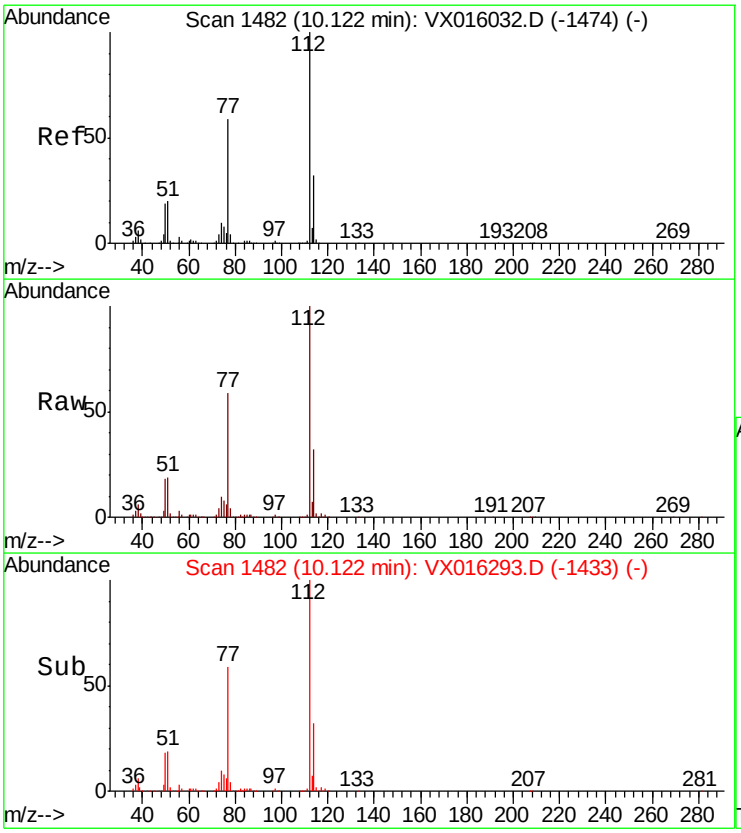
#64
Tetrachloroethene
Concen: 36.000 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:164 Resp: 154312

Ion	Ratio	Lower	Upper
164	100		
166	135.6	102.9	154.3
129	98.2	76.1	114.1
131	94.0	71.9	107.9

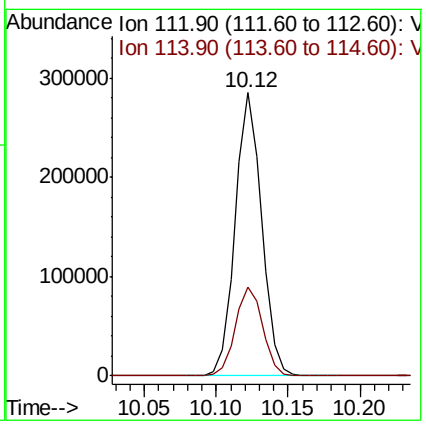


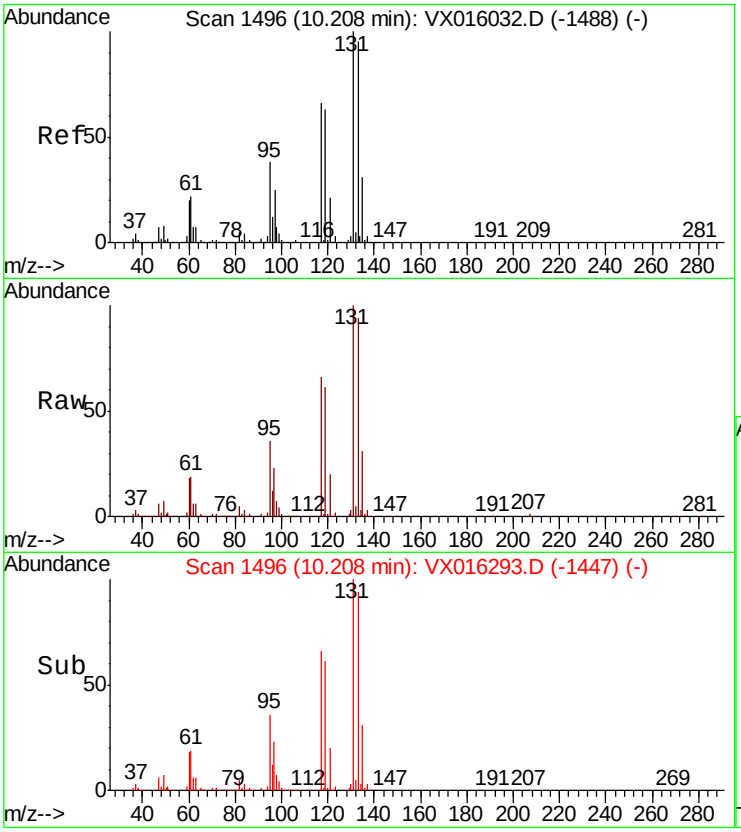


#65
Chlorobenzene
Concen: 49.918 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:112 Resp: 364960

Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.7	38.5



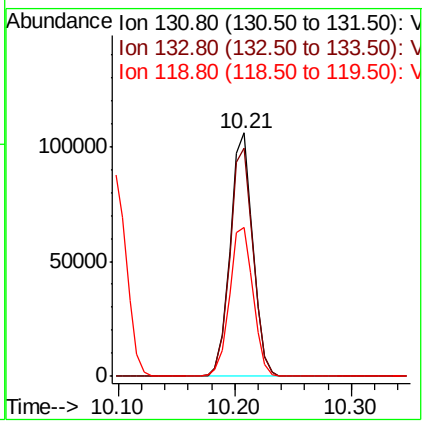


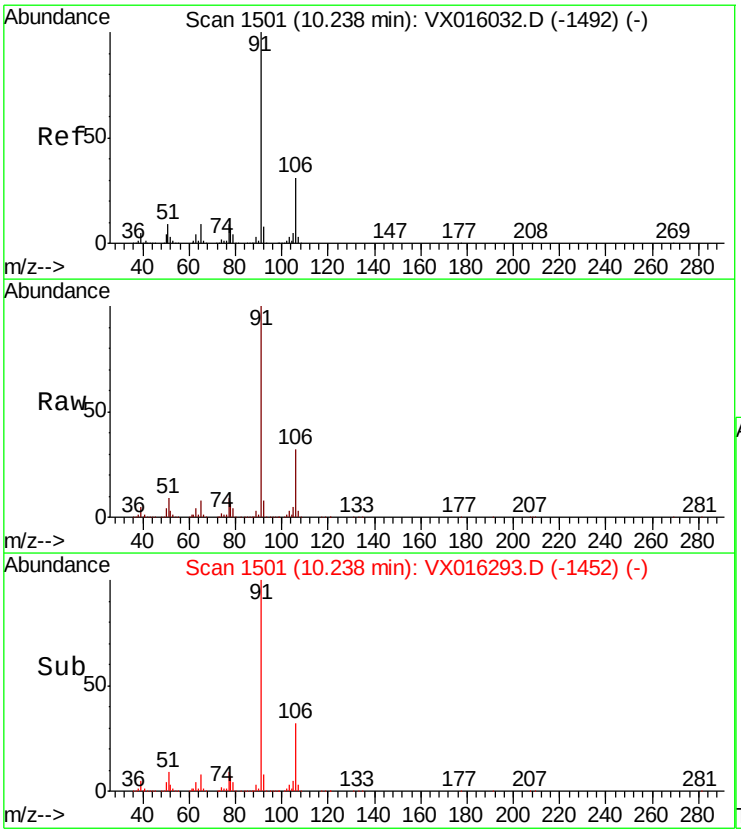
#66
1,1,1,2-Tetrachloroethane
Concen: 53.055 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:131 Resp: 143370

Ion	Ratio	Lower	Upper
131	100		
133	96.1	48.3	144.8
119	63.6	32.3	96.9

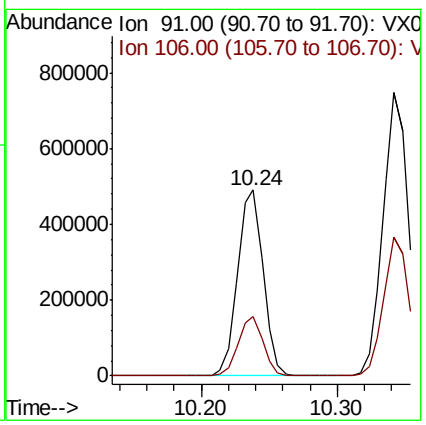


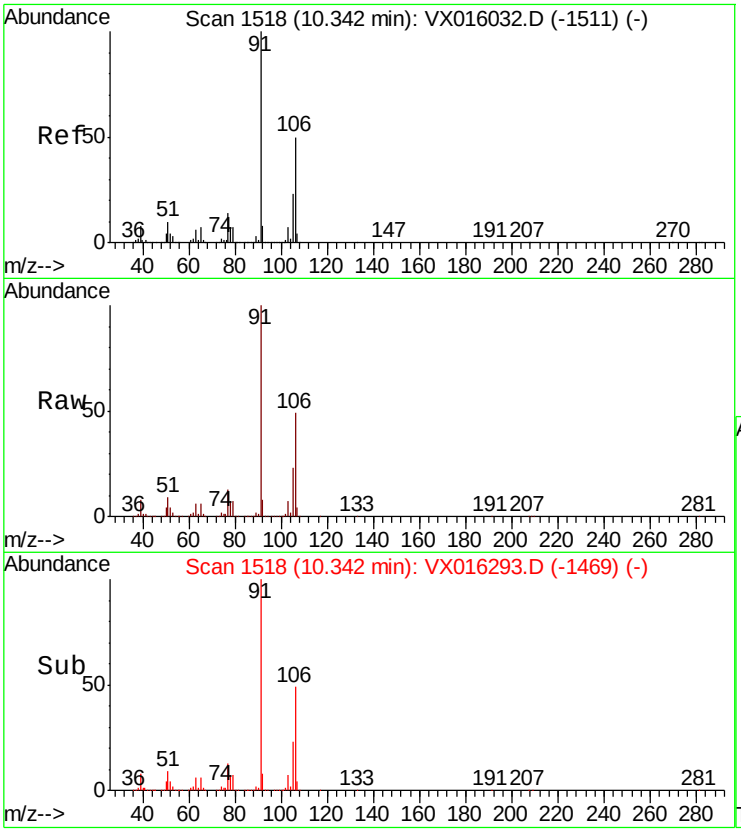


#67
Ethyl Benzene
Concen: 49.155 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 91 Resp: 641226

Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.1	37.7



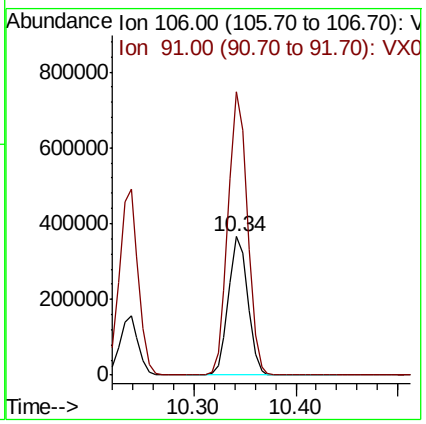


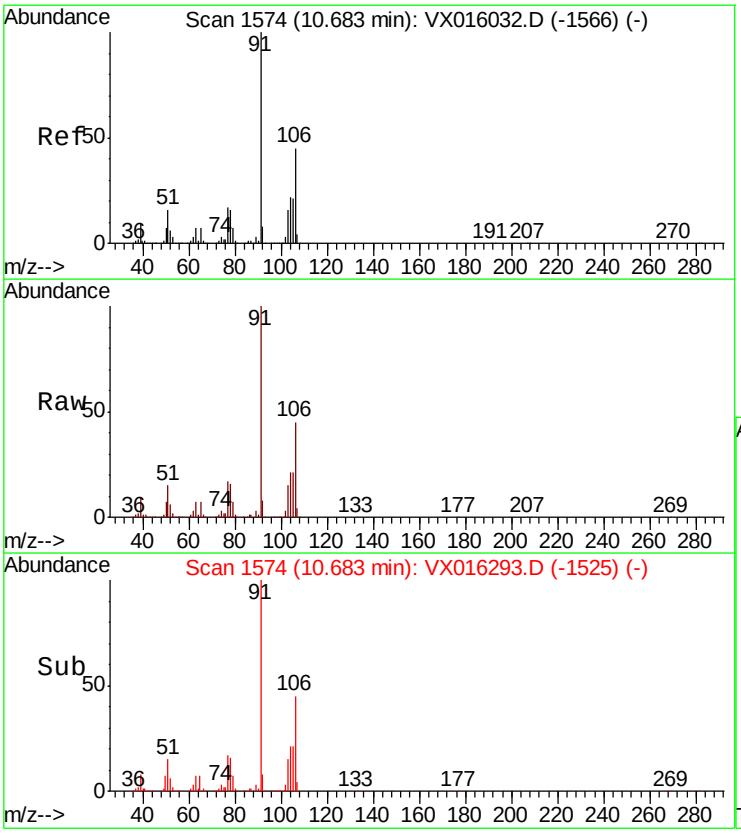
#68
m/p-Xylenes
Concen: 97.818 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:106 Resp: 478086

Ion	Ratio	Lower	Upper
106	100		
91	204.0	161.7	242.5

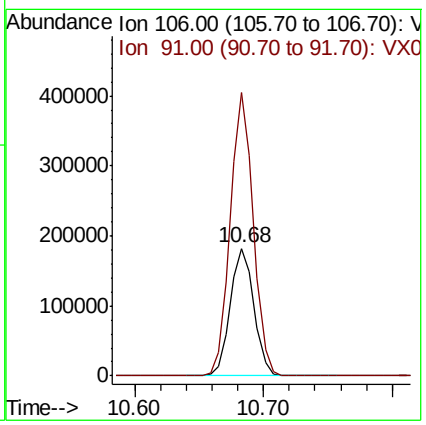


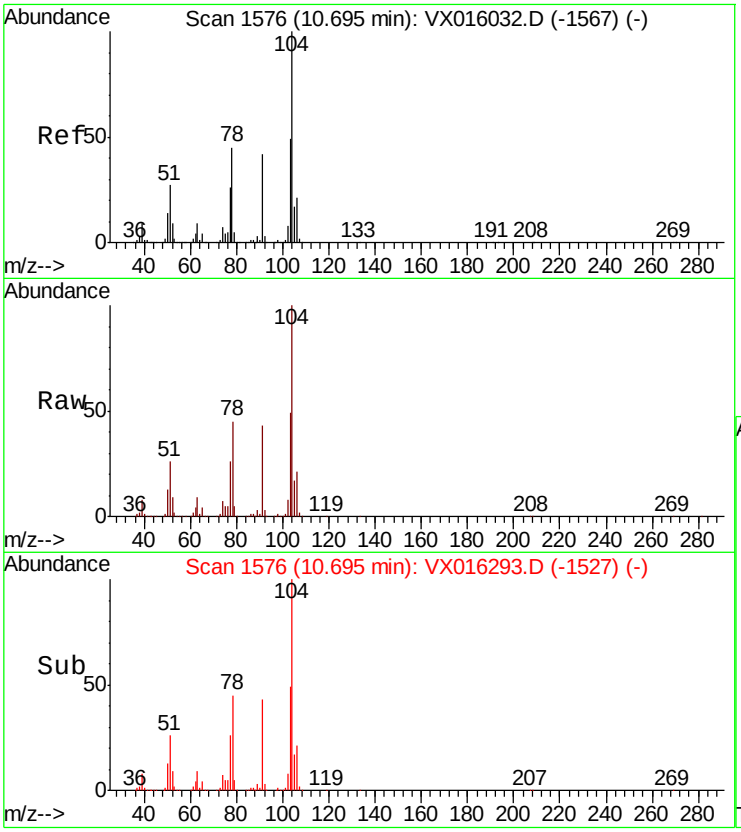


#69
o-Xylene
Concen: 49.835 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:106 Resp: 234128

Ion	Ratio	Lower	Upper
106	100		
91	216.3	107.5	322.6



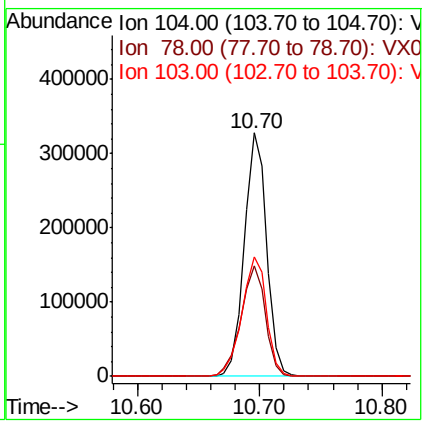


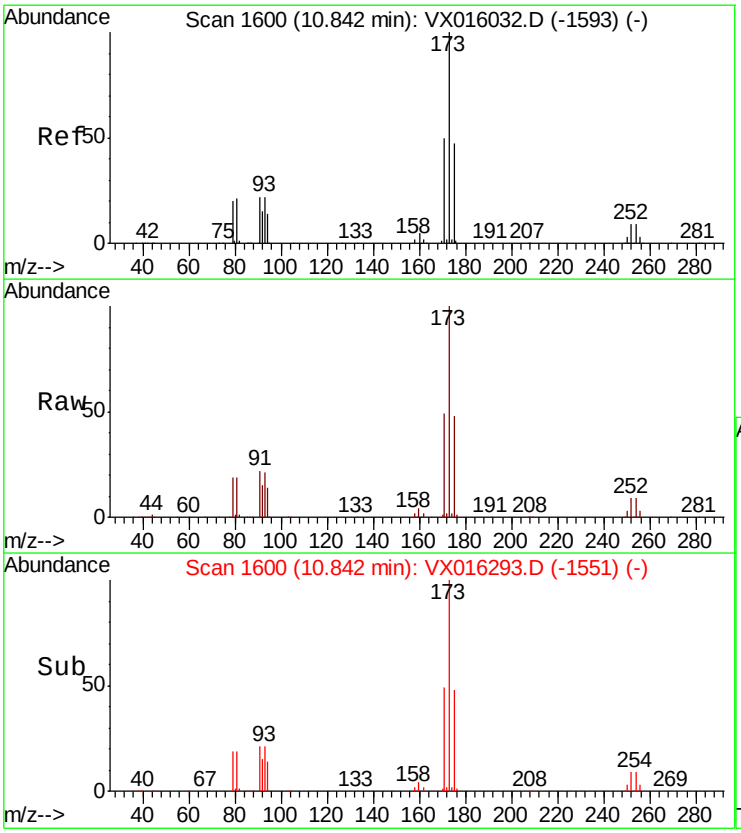
#70
Stvrene
Concen: 52.115 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:104 Resp: 415366

Ion	Ratio	Lower	Upper
104	100		
78	49.7	40.2	60.2
103	53.9	43.0	64.6

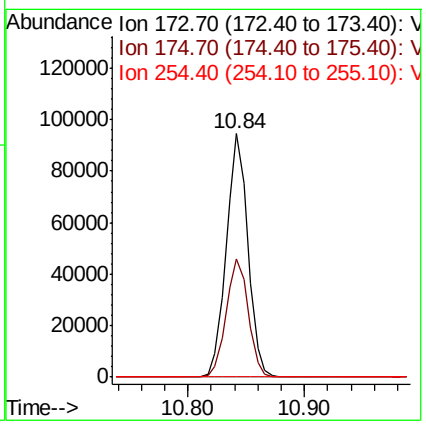


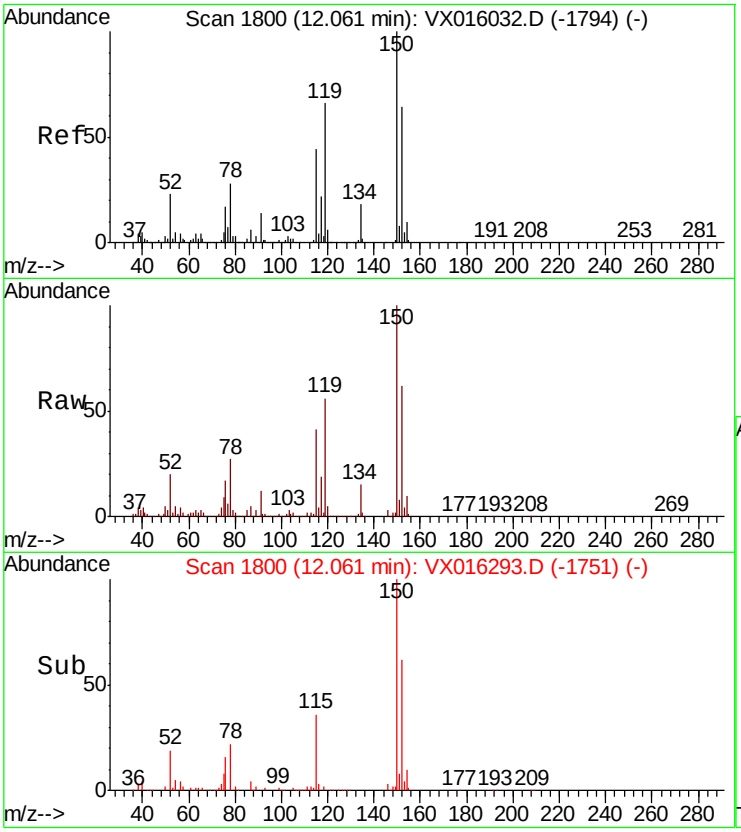


#71
Bromoform
Concen: 55.192 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:173 Resp: 121513

Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.0	72.0
254	0.2	0.1	0.1#



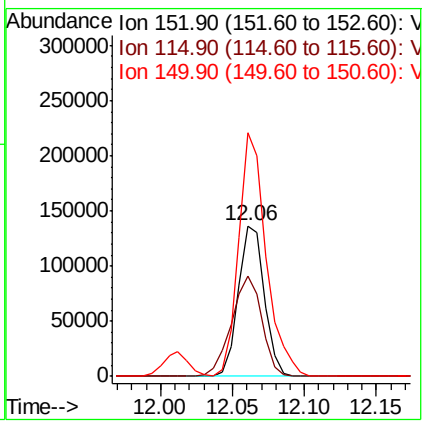


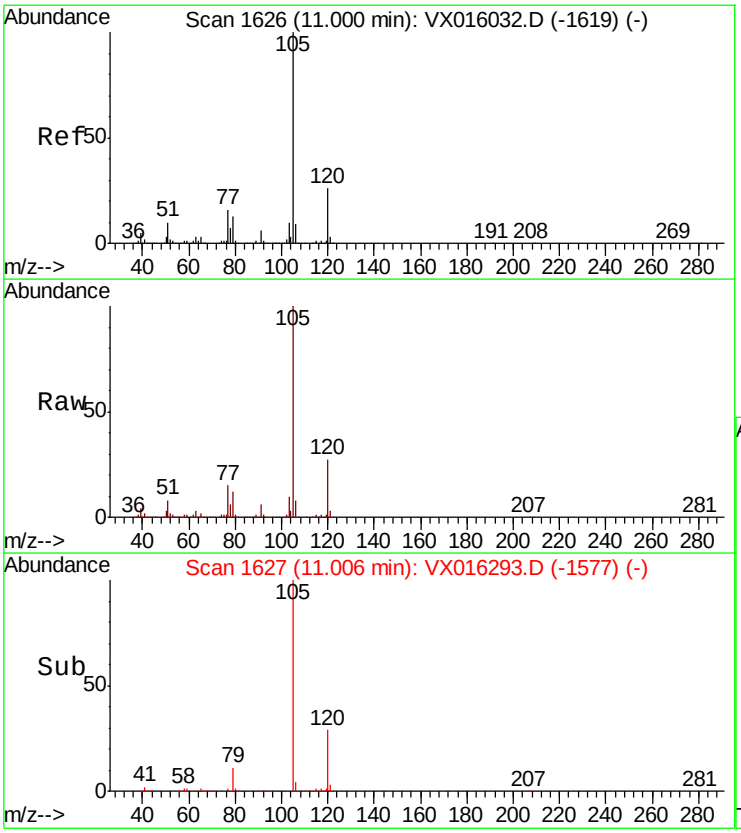
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:152 Resp: 170864

Ion	Ratio	Lower	Upper
152	100		
115	78.0	41.3	124.1
150	170.9	0.0	352.2

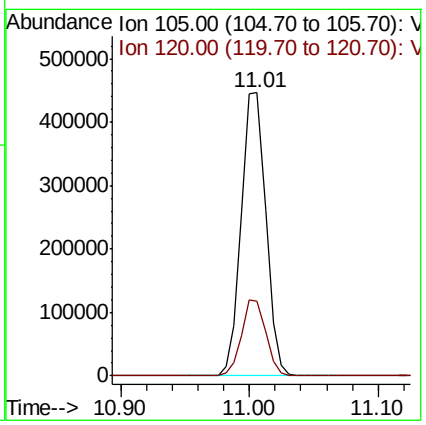


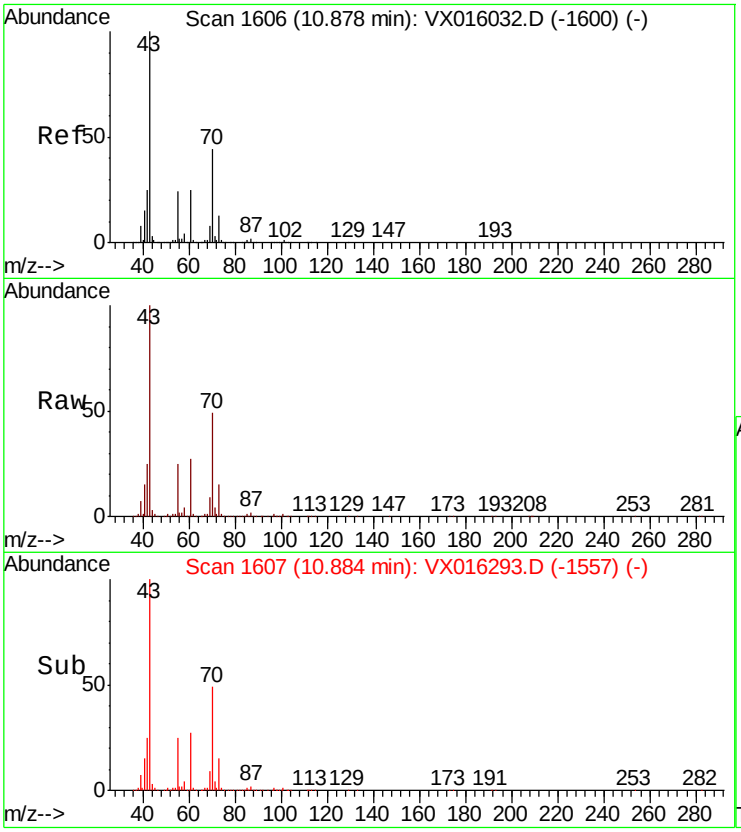


#73
Isopropylbenzene
Concen: 47.329 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:105 Resp: 588194

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.4	40.2



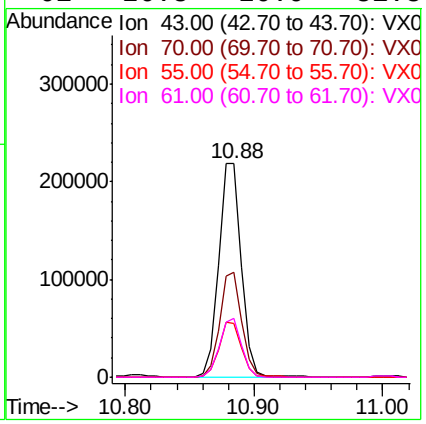


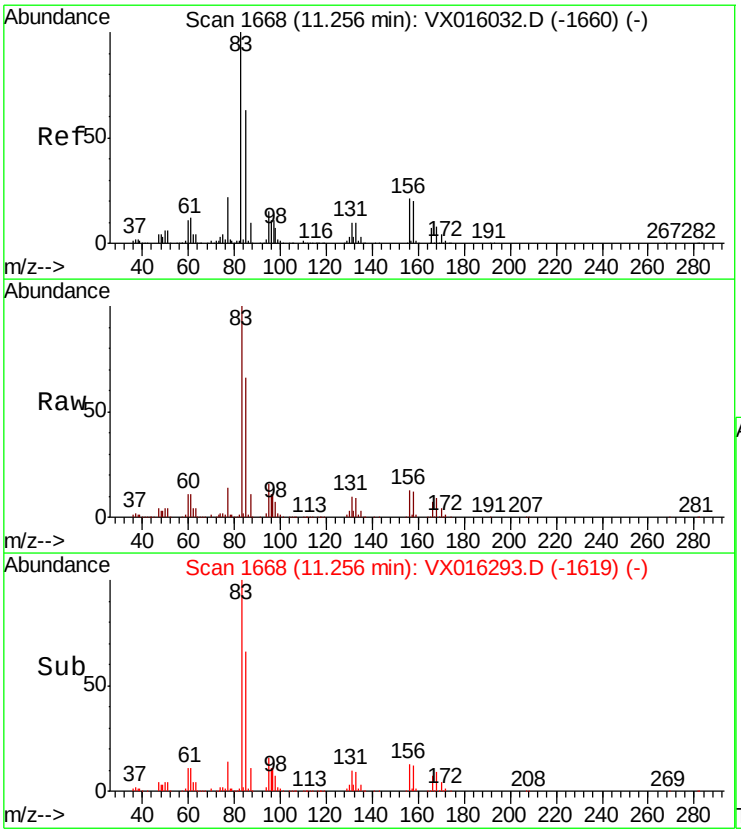
#74
N-amyl acetate
Concen: 46.517 ug/l
RT: 10.88 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument : MSVOA_X
ClientSampleId : S32-0685MSD

Tgt Ion: 43 Resp: 269647

Ion	Ratio	Lower	Upper
43	100		
70	48.0	36.5	54.7
55	26.1	19.7	29.5
61	26.8	20.9	31.3

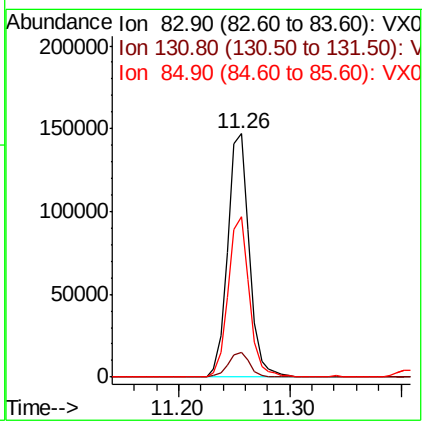


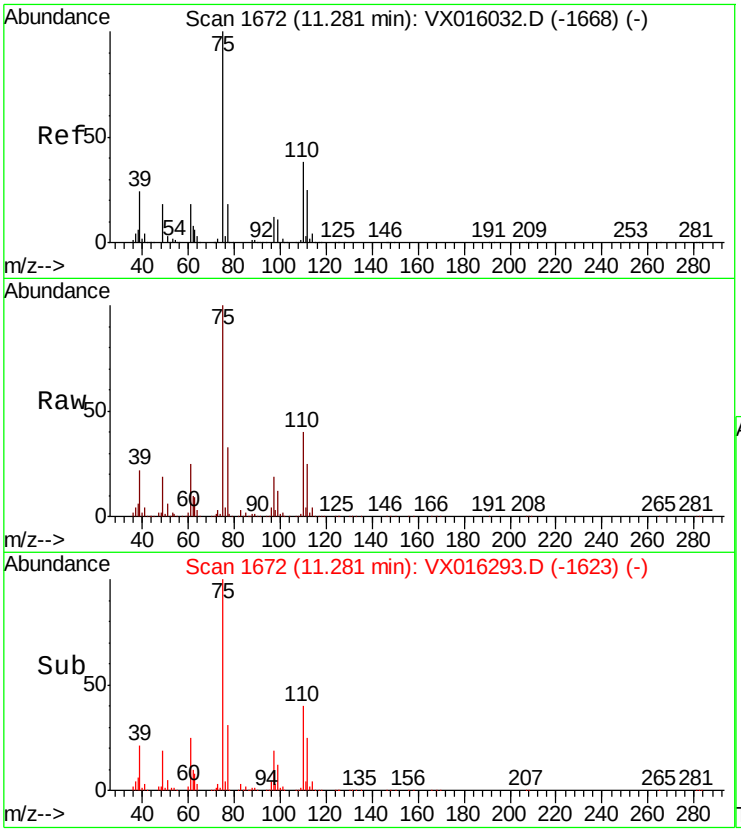


#75
1,1,2,2-Tetrachloroethane
Concen: 75.581 ug/l
RT: 11.26 min Scan# 1668
Delta R.T. 0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 83 Resp: 196072

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.4
85	64.9	32.0	96.0



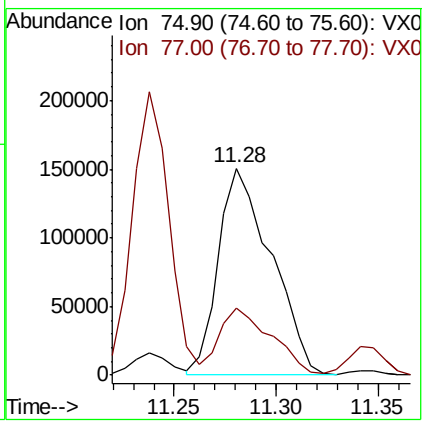


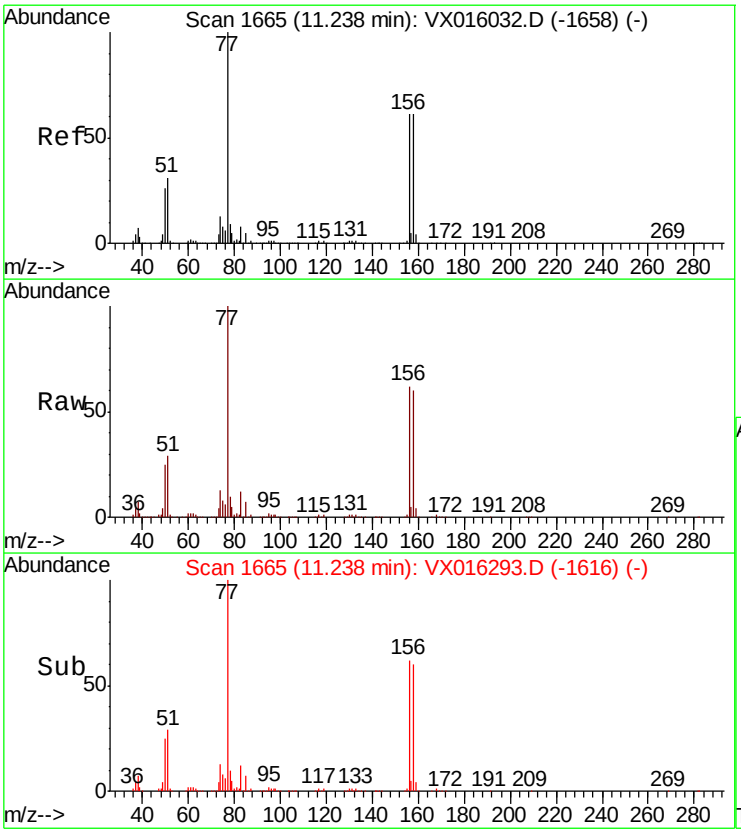
#76
1,2,3-Trichloropropane
Concen: 69.318 ug/l
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument : MSVOA_X
ClientSampleId : S32-0685MSD

Tgt Ion: 75 Resp: 268766

Ion	Ratio	Lower	Upper
75	100		
77	32.1	21.2	63.6

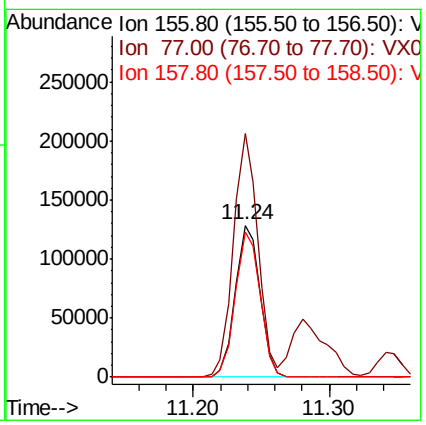


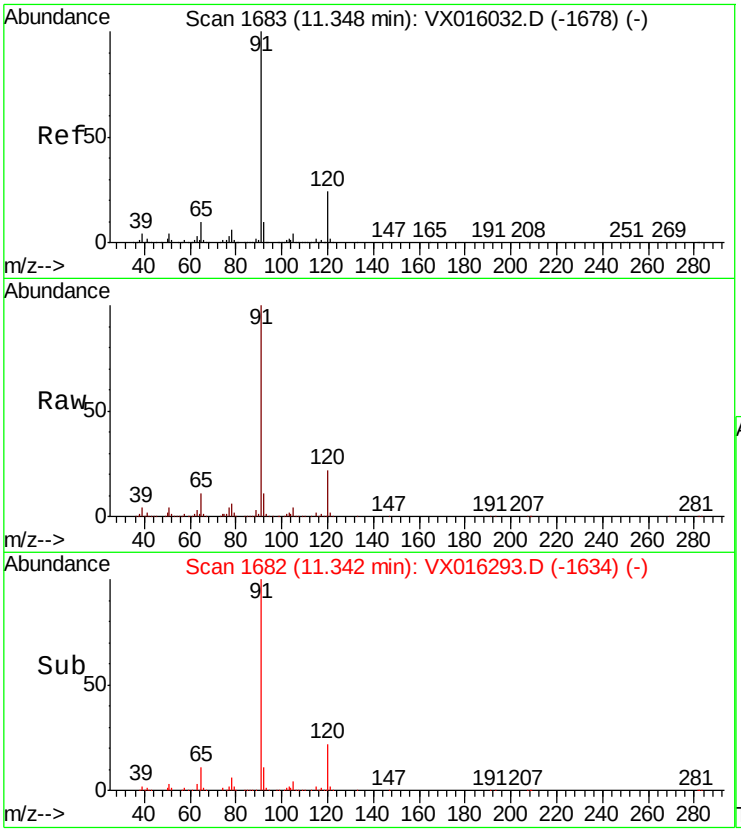


#77
Bromobenzene
Concen: 50.489 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:156 Resp: 161957

Ion	Ratio	Lower	Upper
156	100		
77	159.5	80.1	240.3
158	96.3	49.4	148.2



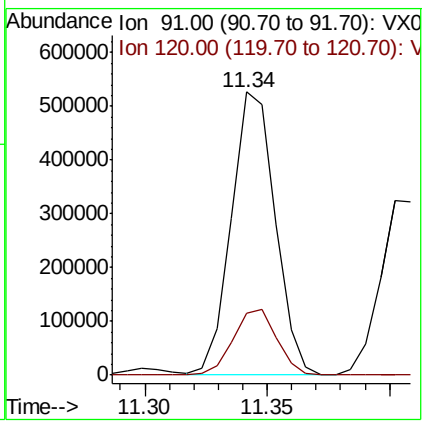


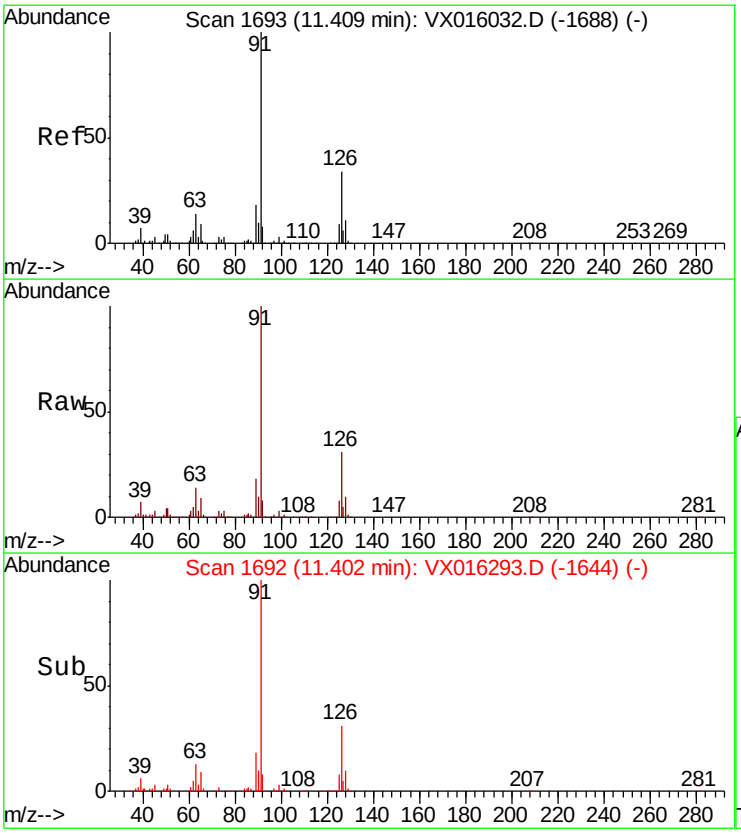
#78
n-propylbenzene
Concen: 45.549 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 91 Resp: 658527

Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.5

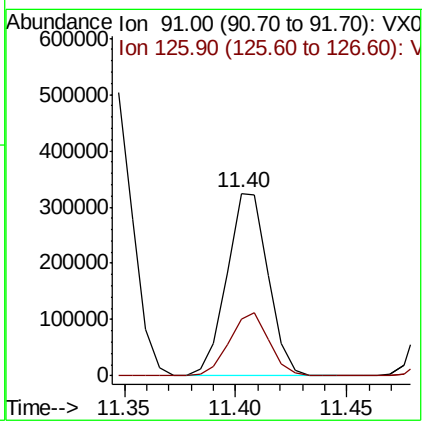


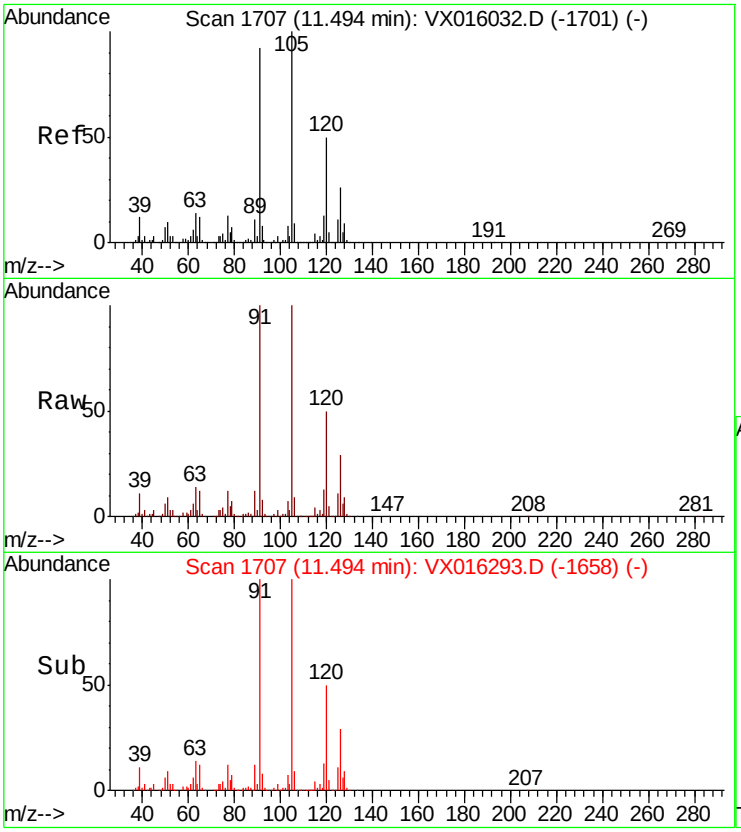


#79
2-Chlorotoluene
Concen: 49.186 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 91 Resp: 419749

Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.9	50.6



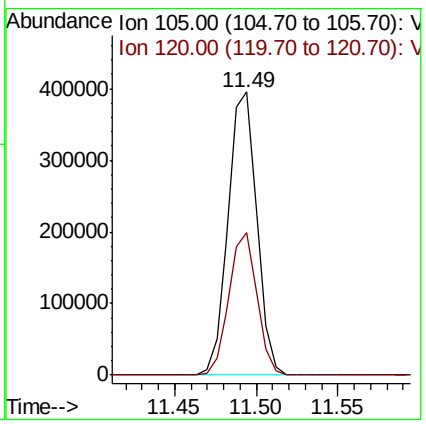


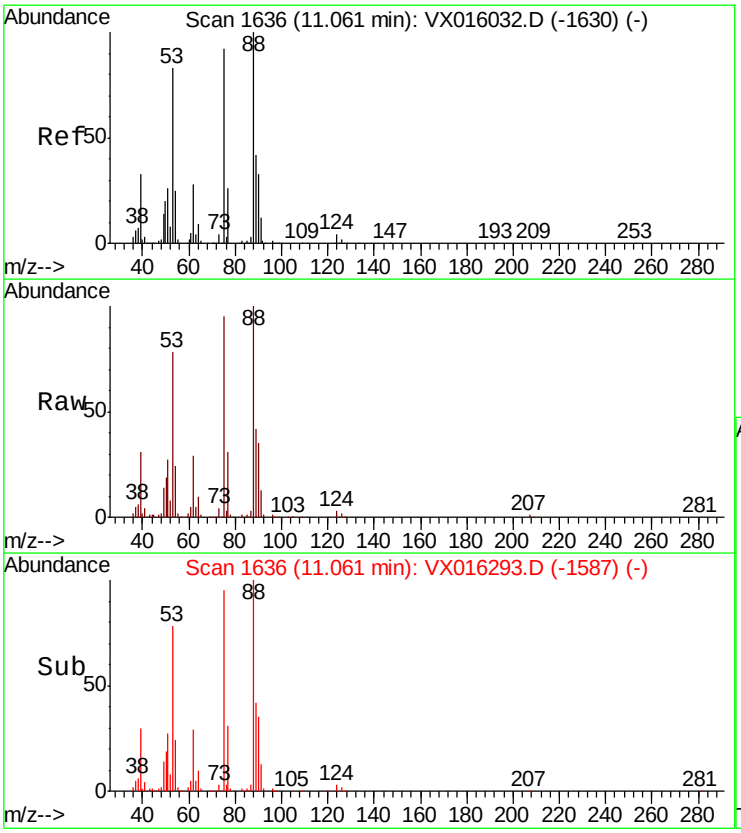
#80
1,3,5-Trimethylbenzene
Concen: 46.007 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:105 Resp: 482754

Ion	Ratio	Lower	Upper
105	100		
120	49.2	24.6	74.0

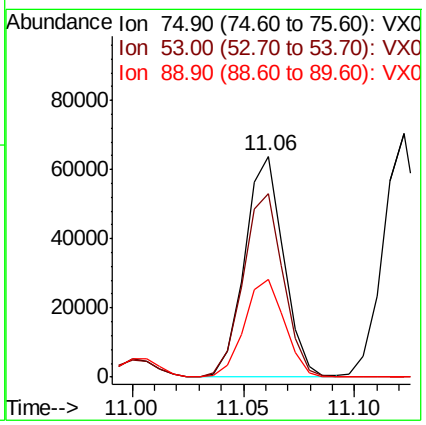


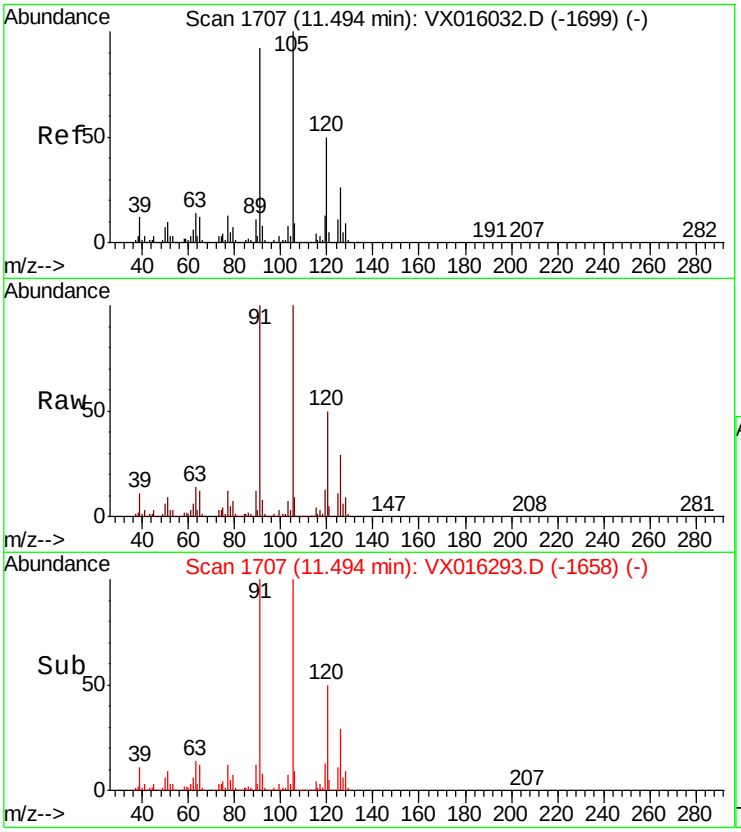


#81
trans-1,4-Dichloro-2-butene
Concen: 47.663 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 75 Resp: 77549

Ion	Ratio	Lower	Upper
75	100		
53	85.6	73.1	109.7
89	45.9	36.7	55.1



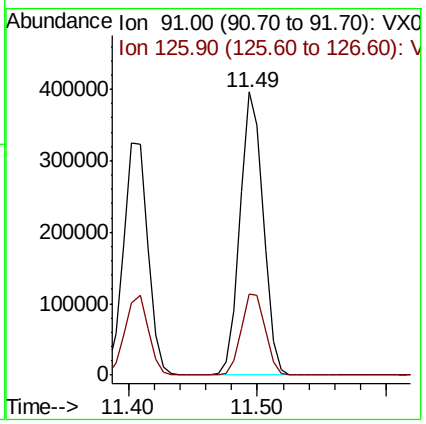


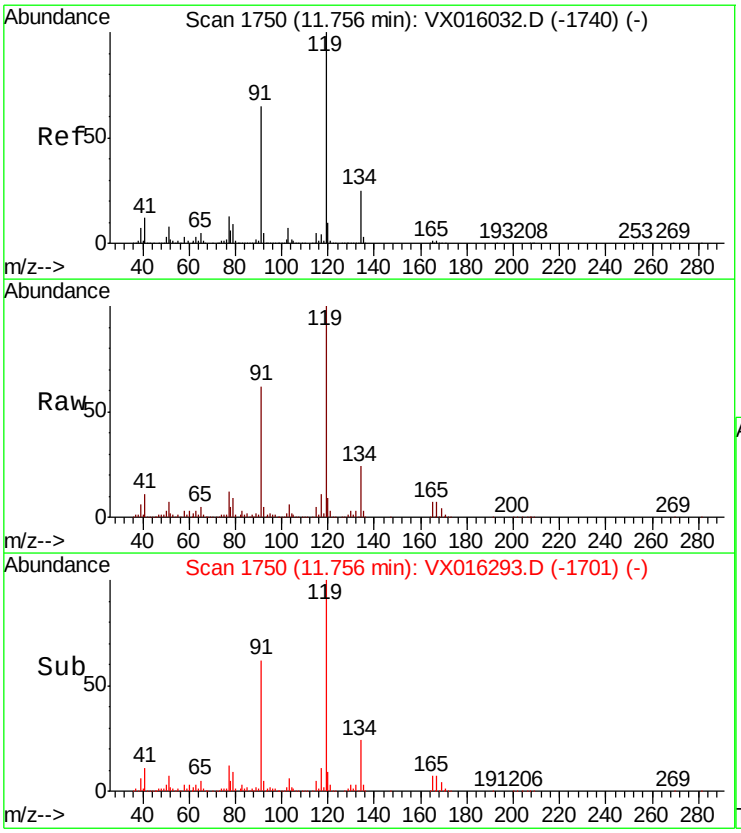
#82
4-Chlorotoluene
Concen: 48.951 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 91 Resp: 493304

Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.8	44.3

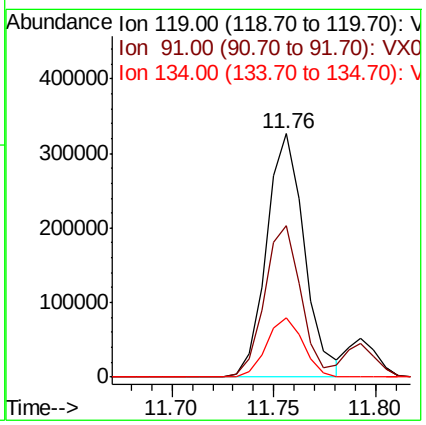


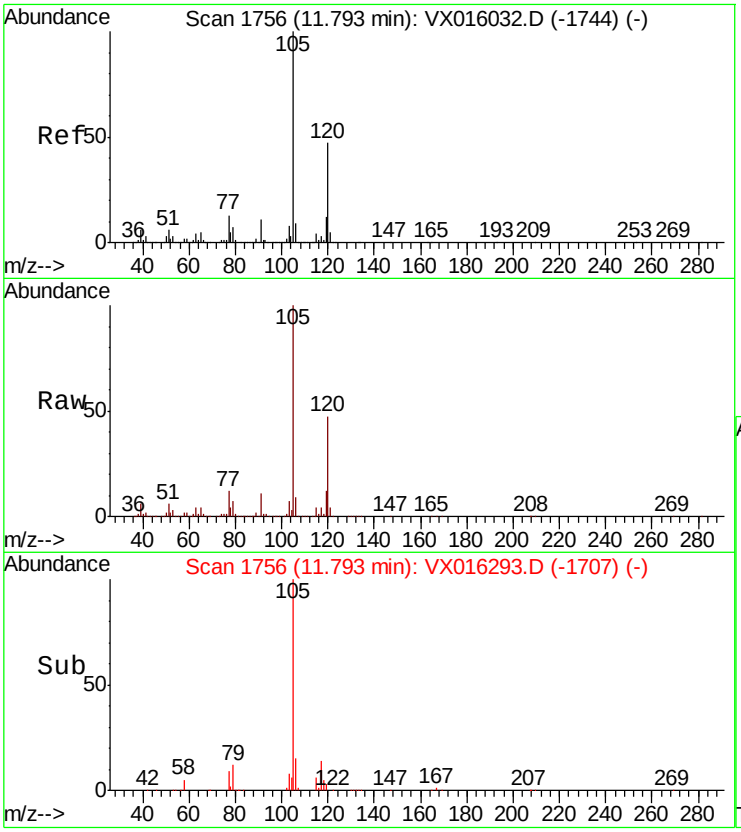


#83
tert-Butylbenzene
Concen: 46.680 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:119 Resp: 422121

Ion	Ratio	Lower	Upper
119	100		
91	59.4	32.8	98.4
134	23.5	12.4	37.0



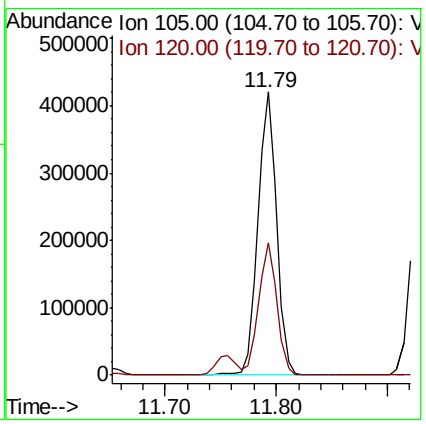


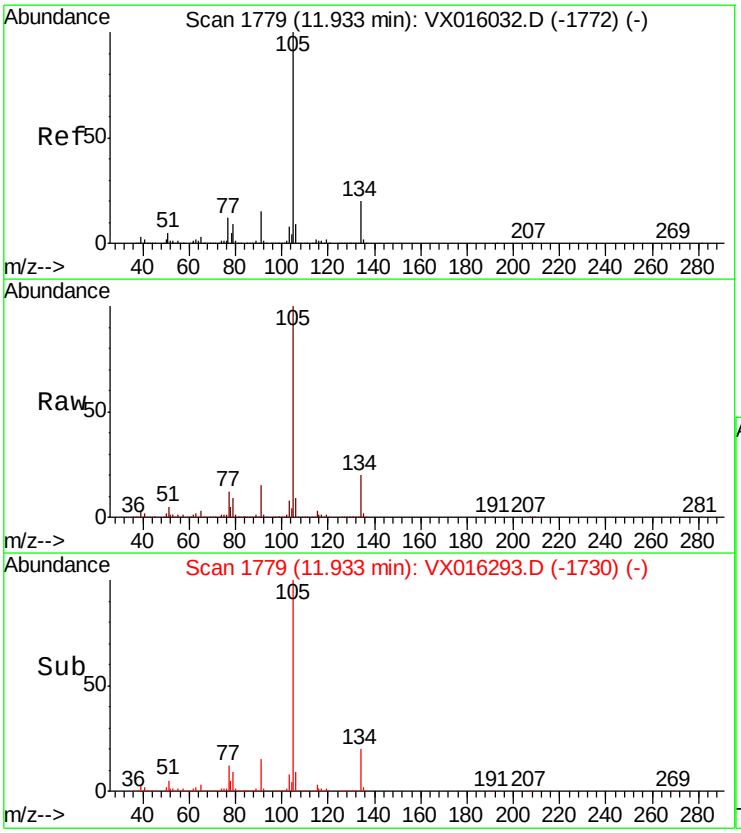
#84
1,2,4-Trimethylbenzene
Concen: 46.604 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:105 Resp: 494390

Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.0	69.0

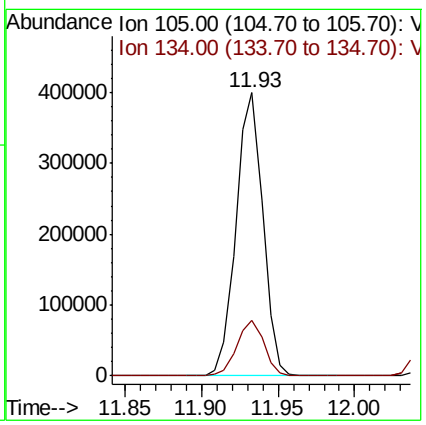


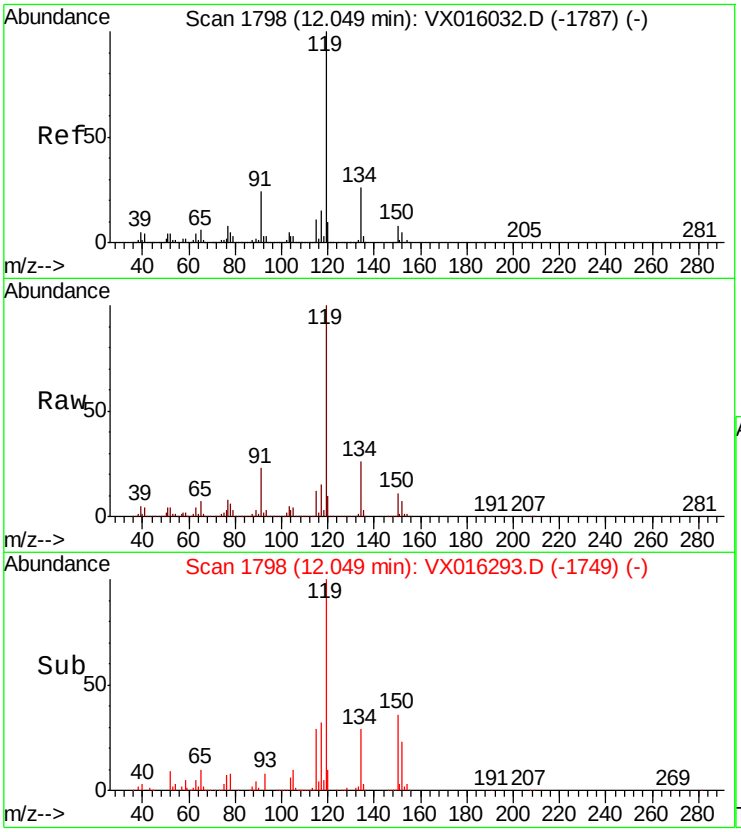


#85
sec-Butylbenzene
Concen: 39.642 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:105 Resp: 484009

Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.3



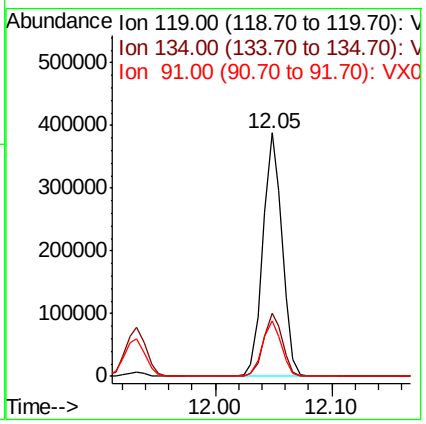


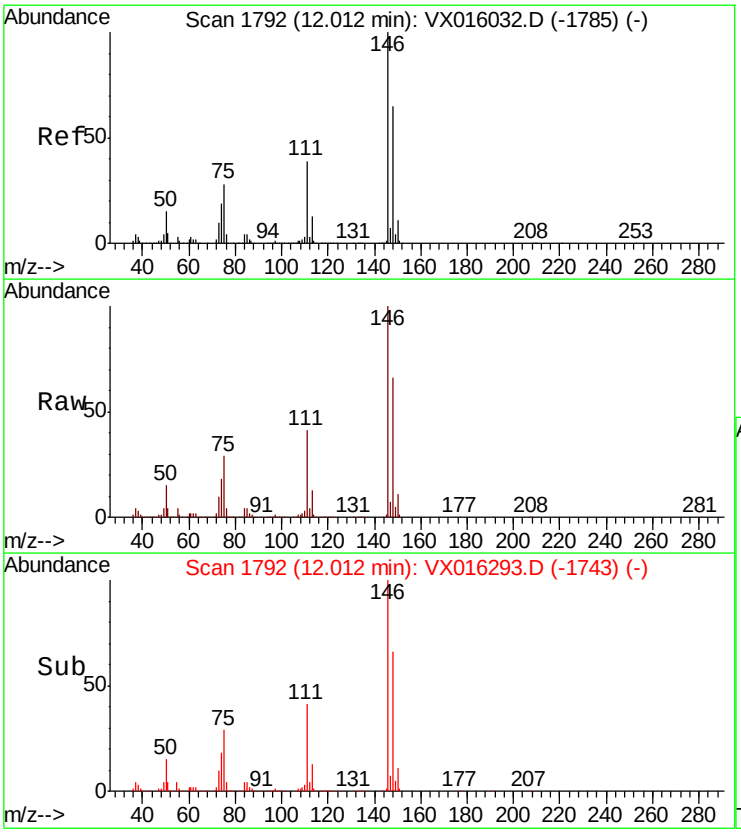
#86
p-Isopropyltoluene
Concen: 39.448 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:119 Resp: 447183

Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.3
91	22.8	11.8	35.4

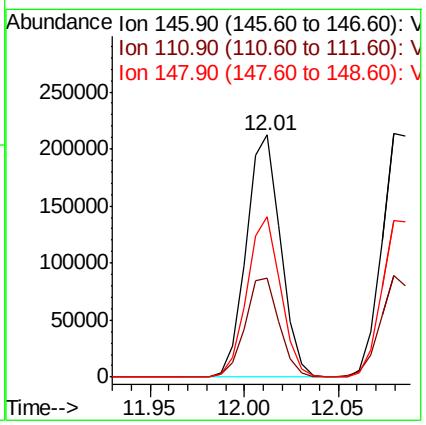


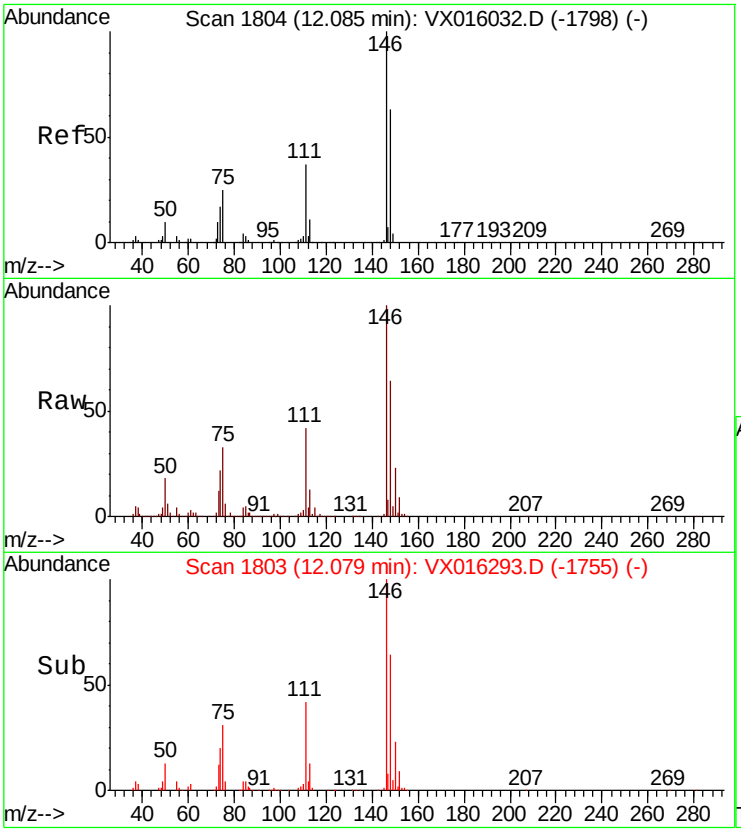


#87
1,3-Dichlorobenzene
Concen: 46.382 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:146 Resp: 267148

Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.6
148	64.8	32.1	96.3



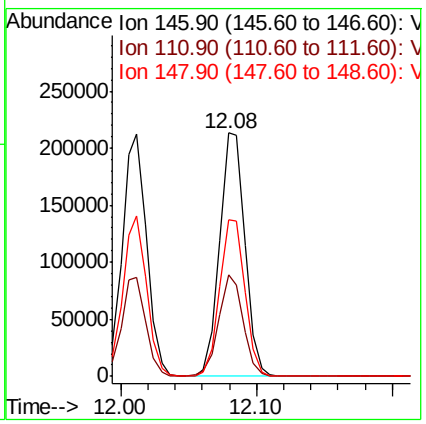


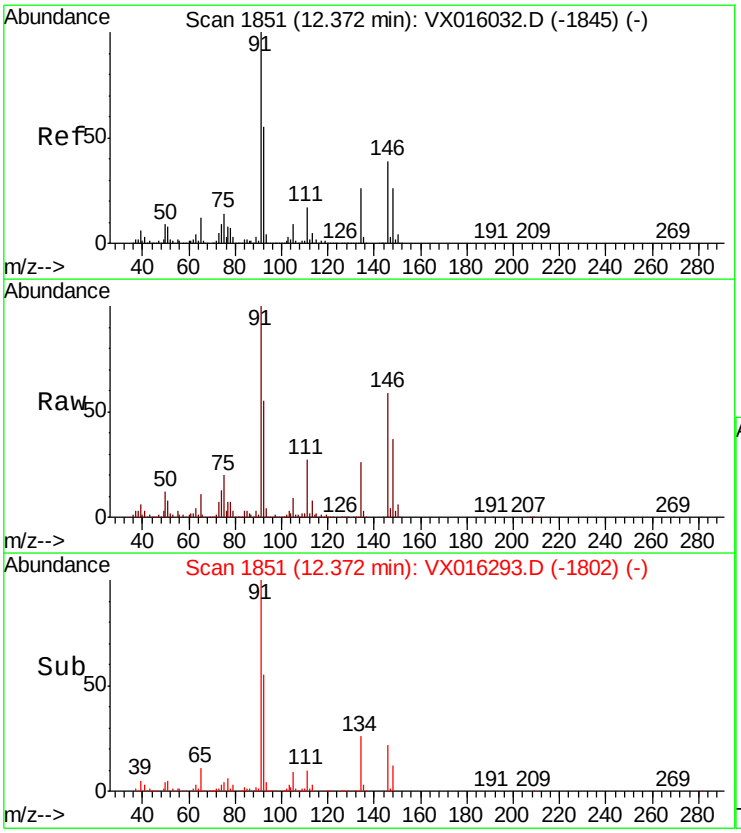
#88
1,4-Dichlorobenzene
Concen: 46.894 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument : MSVOA_X
ClientSampleId : S32-0685MSD

Tgt Ion:146 Resp: 274139

Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.6	58.7
148	64.6	31.8	95.3

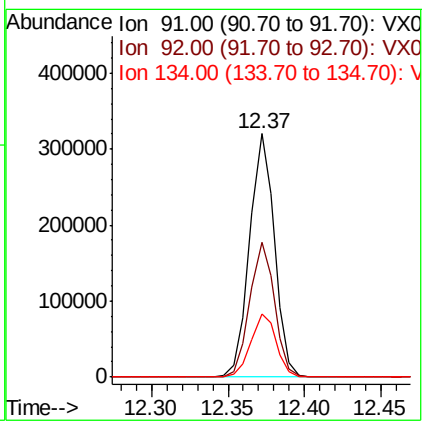


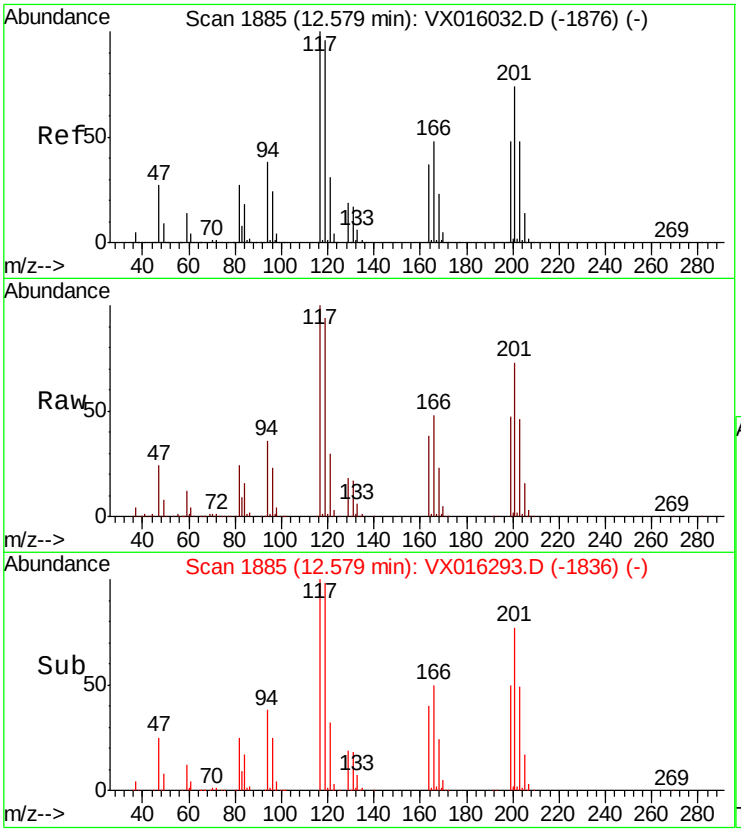


#89
n-Butylbenzene
Concen: 34.886 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion: 91 Resp: 361276

Ion	Ratio	Lower	Upper
91	100		
92	55.3	27.6	82.7
134	26.7	13.4	40.1



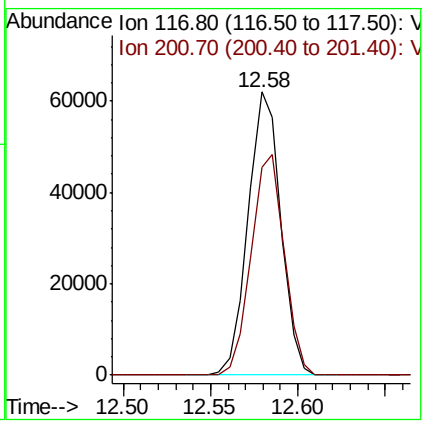


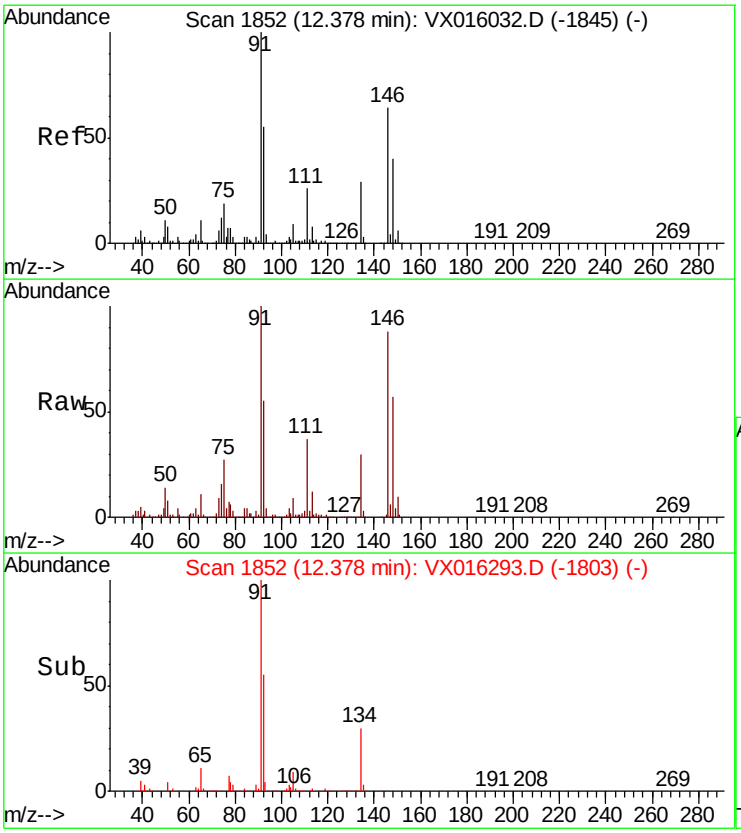
#90
Hexachloroethane
Concen: 41.400 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:117 Resp: 80600

Ion	Ratio	Lower	Upper
117	100		
201	79.0	39.8	119.3

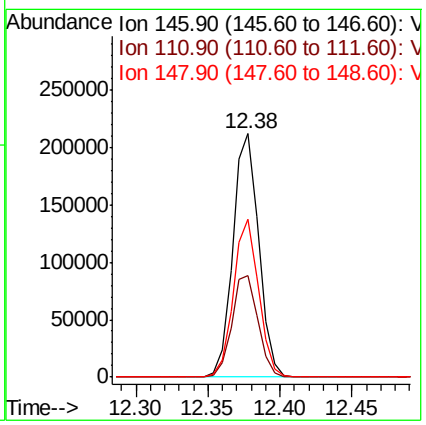


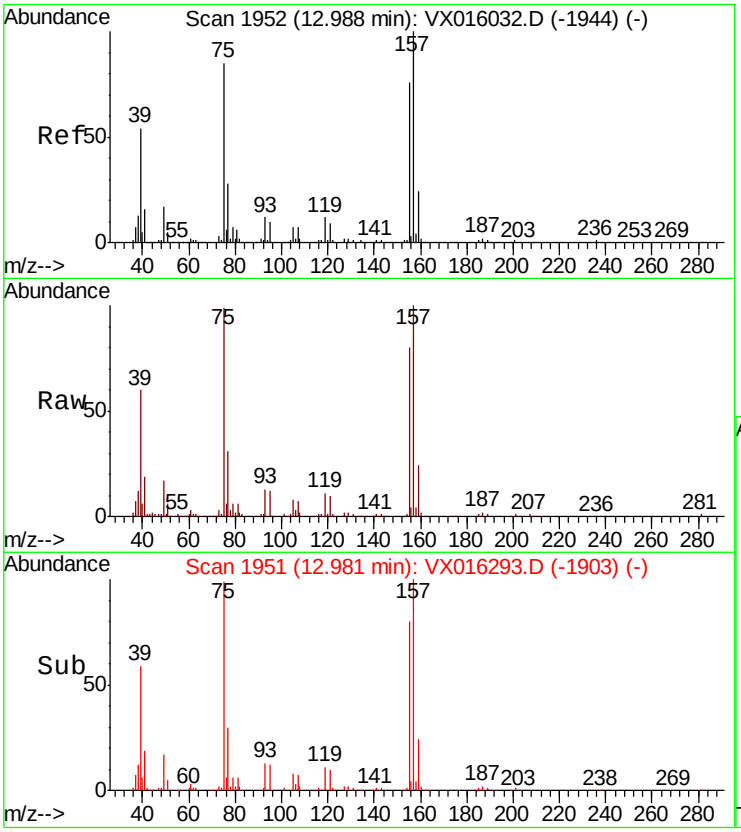


#91
1,2-Dichlorobenzene
Concen: 47.743 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:146 Resp: 264785

Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.1
148	63.5	32.4	97.0



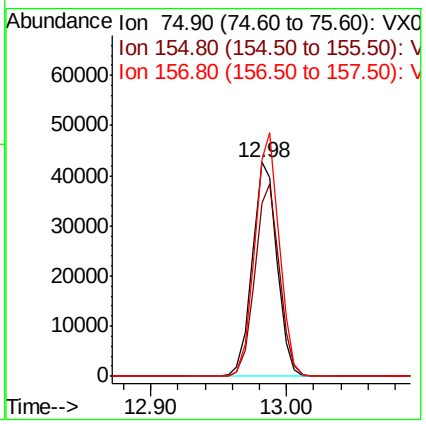


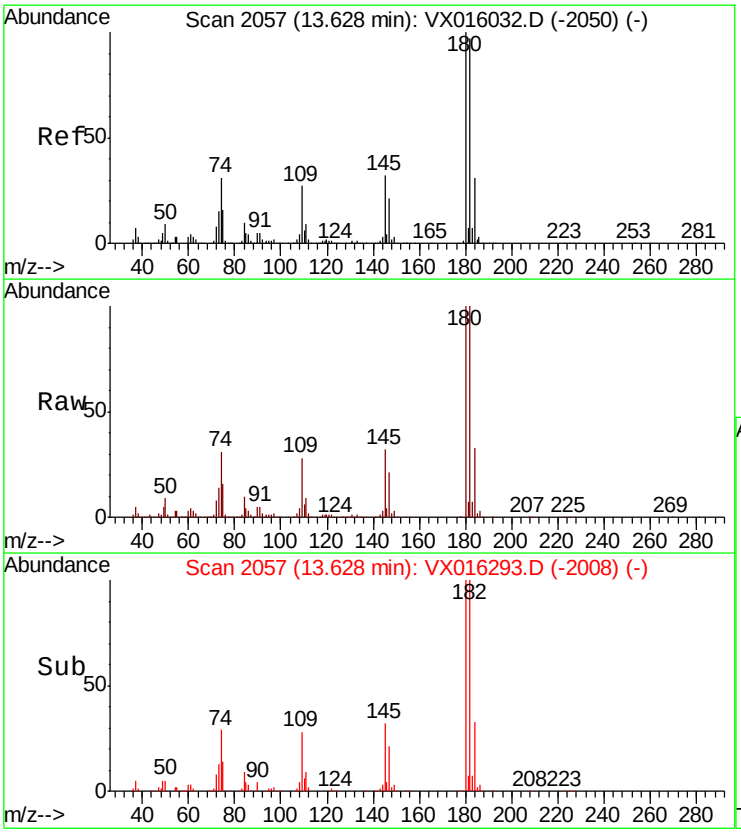
#92
1,2-Dibromo-3-Chloropropane
Concen: 53.426 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.01 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion: 75 Resp: 54595

Ion	Ratio	Lower	Upper
75	100		
155	89.0	42.5	127.5
157	111.6	55.3	165.8

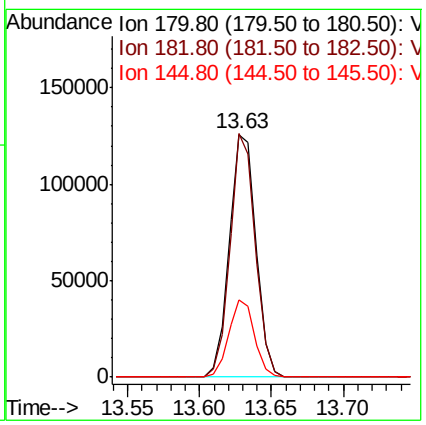


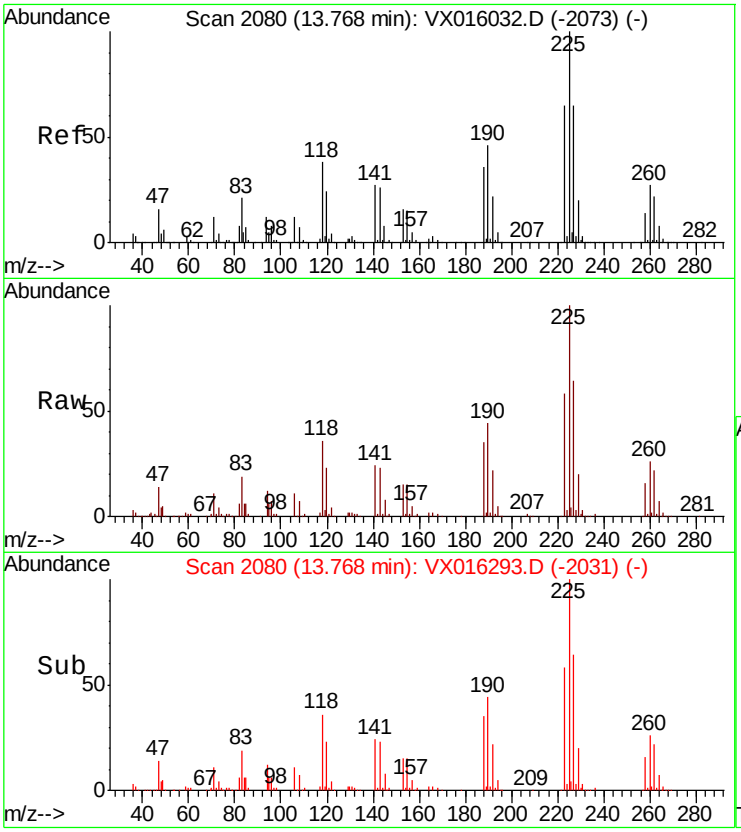


#93
1,2,4-Trichlorobenzene
Concen: 39.540 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:180 Resp: 162352

Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.7	146.1
145	31.0	15.7	47.1



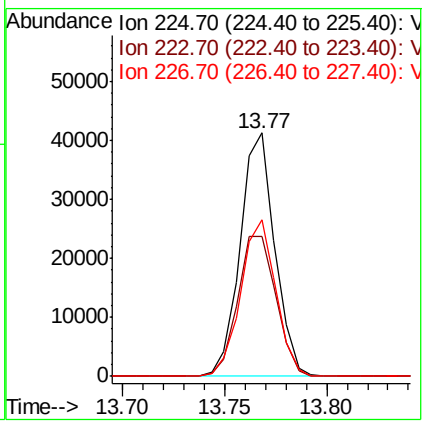


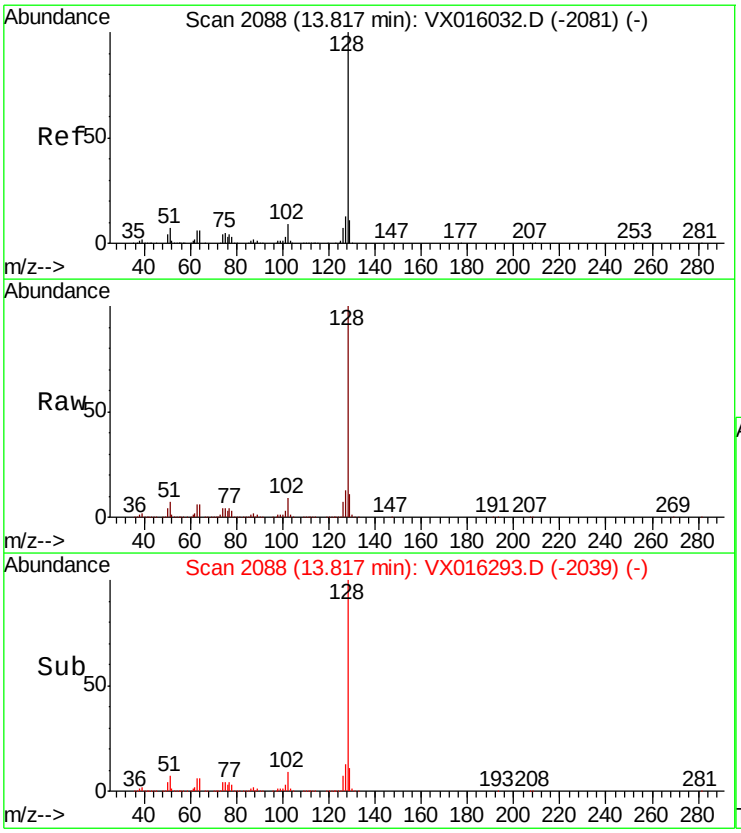
#94
Hexachlorobutadiene
Concen: 27.776 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:225 Resp: 48694

Ion	Ratio	Lower	Upper
225	100		
223	63.7	32.3	96.9
227	64.8	31.8	95.4

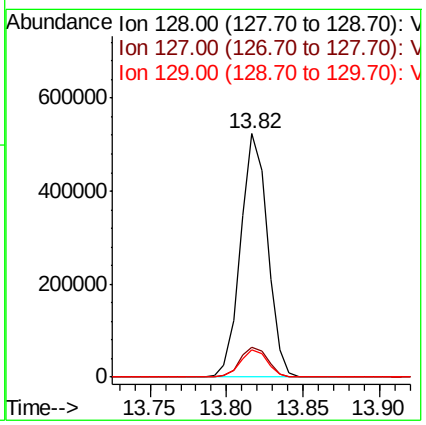


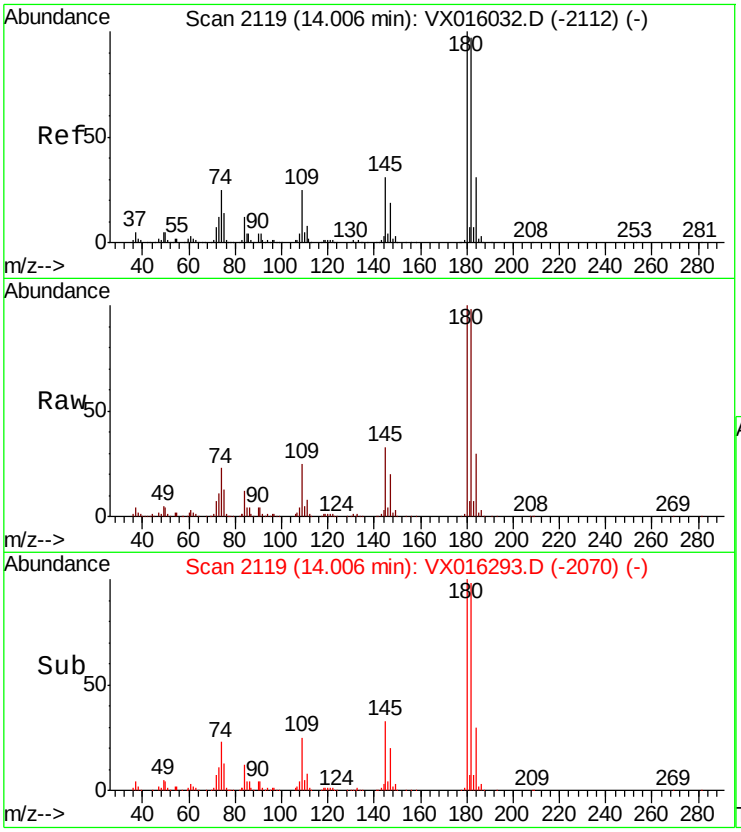


#95
Naphthalene
Concen: 48.084 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Tgt Ion:128 Resp: 639300

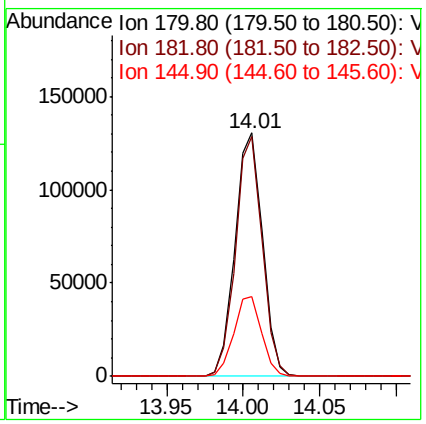
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.1	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 40.354 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016293.D
Acq: 15 May 2020 19:59

Instrument :
MSVOA_X
ClientSampleId :
S32-0685MSD

Tgt Ion:180 Resp: 161937

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.4	145.0
145	33.2	16.4	49.1