Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032720\
Data File : VX015370.D
Acq On : 26 Mar 2020 21:24
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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Quant Time: Mar 27 09:19:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 08:55:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1091668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1707516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1577389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	901805	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	2182185	153.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 306.78%			
35) Dibromofluoromethane	5.47	113	1615225	144.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 289.96%			
50) Toluene-d8	8.70	98	5846955	144.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 288.62%			
62) 4-Bromofluorobenzene	11.12	95	2465837	157.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 315.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	1534645	134.363	ug/l	99
3) Chloromethane	1.31	50	1823801	137.149	ug/l	99
4) Vinyl Chloride	1.39	62	1704471	131.901	ug/l	99
5) Bromomethane	1.62	94	682089	136.621	ug/l	100
6) Chloroethane	1.69	64	963002	119.201	ug/l	98
7) Trichlorofluoromethane	1.91	101	2262201	131.956	ug/l	98
8) Diethyl Ether	2.17	74	881654	119.463	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1478077	114.866	ug/l	99
10) Methyl Iodide	2.49	142	2055479	142.775	ug/l	98
11) Tert butyl alcohol	3.04	59	2422501	828.069	ug/l	100
12) 1,1-Dichloroethene	2.35	96	1510808	111.897	ug/l	99
13) Acrolein	2.28	56	1531972	594.332	ug/l	99
14) Allyl chloride	2.70	41	3386745	156.644	ug/l	98
15) Acrylonitrile	3.12	53	4823132	677.461	ug/l	100
16) Acetone	2.42	43	4414530	727.317	ug/l	99
17) Carbon Disulfide	2.55	76	4560394	124.915	ug/l	99
18) Methyl Acetate	2.75	43	2317838	151.698	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	5545046	135.274	ug/l	99
20) Methylene Chloride	2.83	84	1695687	106.027	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	1629842	110.917	ug/l	96
22) Diisopropyl ether	3.83	45	5983613	140.577	ug/l #	87
23) Vinyl Acetate	3.79	43	24597113	705.009	ug/l #	94
24) 1,1-Dichloroethane	3.67	63	3179280	125.811	ug/l	100
25) 2-Butanone	4.64	43	7251573	782.986	ug/l	99
26) 2,2-Dichloropropane	4.55	77	2631800	133.671	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	1880611	115.832	ug/l	98
28) Bromochloromethane	4.98	49	1549285	144.767	ug/l	99
29) Tetrahydrofuran	5.09	42	4728870	787.210	ug/l	100
30) Chloroform	5.18	83	3080688	120.959	ug/l	95
31) Cyclohexane	5.55	56	2964822	151.091	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	2860860	137.282	ug/l	99
36) 1,1-Dichloropropene	5.77	75	2381533	150.085	ug/l	99
37) Ethyl Acetate	4.80	43	2908018	182.823	ug/l	100
38) Carbon Tetrachloride	5.76	117	2579685	169.049	ug/l	97

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Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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Quant Time: Mar 27 09:19:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 08:55:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	7.44	83	2872031	155.853	ug/l		98
40) Benzene	6.12	78	6768203	139.105	ug/l		98
41) Methacrylonitrile	5.01	41	1662188	192.657	ug/l		99
42) 1,2-Dichloroethane	6.17	62	2683971	171.667	ug/l		100
43) Isopropyl Acetate	6.42	43	5044473	204.719	ug/l		99
44) Trichloroethene	7.19	130	1907741	143.101	ug/l		95
45) 1,2-Dichloropropane	7.50	63	1841125	156.688	ug/l		100
46) Dibromomethane	7.64	93	1211914	147.481	ug/l		100
47) Bromodichloromethane	7.88	83	2584806	164.669	ug/l		94
48) Methyl methacrylate	7.75	41	2522804	213.157	ug/l		99
49) 1,4-Dioxane	7.72	88	943111	3131.403	ug/l		99
51) 4-Methyl-2-Pentanone	8.63	43	13235611	888.006	ug/l		96
52) Toluene	8.77	92	4203708	140.964	ug/l		98
53) t-1,3-Dichloropropene	9.03	75	3011797	176.636	ug/l		97
54) cis-1,3-Dichloropropene	8.42	75	3118776	164.687	ug/l		99
55) 1,1,2-Trichloroethane	9.20	97	1717136	134.526	ug/l		95
56) Ethyl methacrylate	9.17	69	3087540	177.909	ug/l		99
57) 1,3-Dichloropropane	9.35	76	3003094	141.749	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.30	63	7123648	734.528	ug/l		99
59) 2-Hexanone	9.48	43	10442545	938.680	ug/l		96
60) Dibromochloromethane	9.57	129	2104545	164.090	ug/l		98
61) 1,2-Dibromoethane	9.66	107	1842980	141.097	ug/l		97
64) Tetrachloroethene	9.32	164	1702116	149.988	ug/l		94
65) Chlorobenzene	10.12	112	4544500	138.328	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.21	131	1852001	152.308	ug/l		99
67) Ethyl Benzene	10.24	91	7982480	142.857	ug/l		95
68) m/p-Xylenes	10.34	106	6062487	286.476	ug/l		92
69) o-Xylene	10.68	106	3048203	148.177	ug/l		97
70) Styrene	10.70	104	5273024	153.393	ug/l		99
71) Bromoform	10.84	173	1782100	211.966	ug/l	#	100
73) Isopropylbenzene	11.01	105	7816103	118.920	ug/l		97
74) N-amyl acetate	10.89	43	4567253	183.222	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.26	83	2776622	132.093	ug/l		99
76) 1,2,3-Trichloropropane	11.28	75	2477201m	130.516	ug/l		
77) Bromobenzene	11.24	156	2159778	137.045	ug/l		99
78) n-propylbenzene	11.35	91	9076475	122.938	ug/l		97
79) 2-Chlorotoluene	11.41	91	5654937	125.810	ug/l		99
80) 1,3,5-Trimethylbenzene	11.49	105	6797456	128.019	ug/l		98
81) trans-1,4-Dichloro-2-buten	11.06	75	1095866	154.254	ug/l		99
82) 4-Chlorotoluene	11.49	91	6522616	127.815	ug/l		99
83) tert-Butylbenzene	11.76	119	6832826	131.080	ug/l		98
84) 1,2,4-Trimethylbenzene	11.79	105	6980412	127.191	ug/l		98
85) sec-Butylbenzene	11.93	105	7854391	127.202	ug/l		98
86) p-Isopropyltoluene	12.05	119	7296840	131.586	ug/l		98
87) 1,3-Dichlorobenzene	12.01	146	3967162	134.299	ug/l		99
88) 1,4-Dichlorobenzene	12.09	146	4041397	130.539	ug/l		100
89) n-Butylbenzene	12.37	91	6754530	129.478	ug/l		97
90) Hexachloroethane	12.58	117	1534036	140.854	ug/l		98
91) 1,2-Dichlorobenzene	12.38	146	3913272	132.193	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	757398	160.648	ug/l		97

Quantitation Report (QT Reviewed)

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Data File : VX015370.D
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Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 27 09:19:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 08:55:48 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	3107411	167.936	ug/l	98
94) Hexachlorobutadiene	13.77	225	1541798	198.359	ug/l	98
95) Naphthalene	13.82	128	8864795	147.412	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	2972730	163.547	ug/l	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032720\
Data File : VX015370.D
Acq On : 26 Mar 2020 21:24
Operator : JC/SP
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Misc : 5.0mL/MSVOA_X/WATER
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Quant Time: Mar 27 09:19:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 08:55:48 2020
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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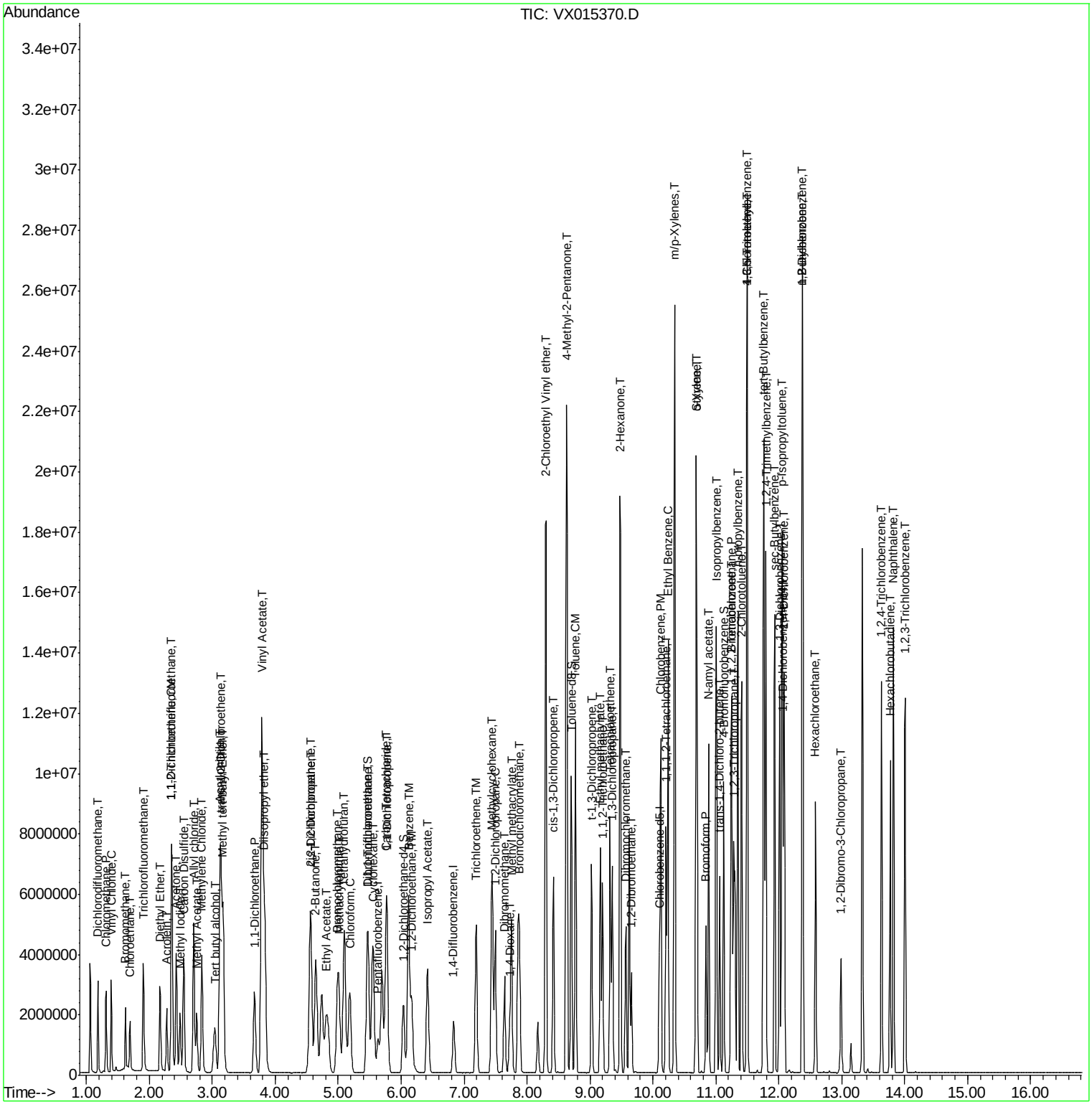
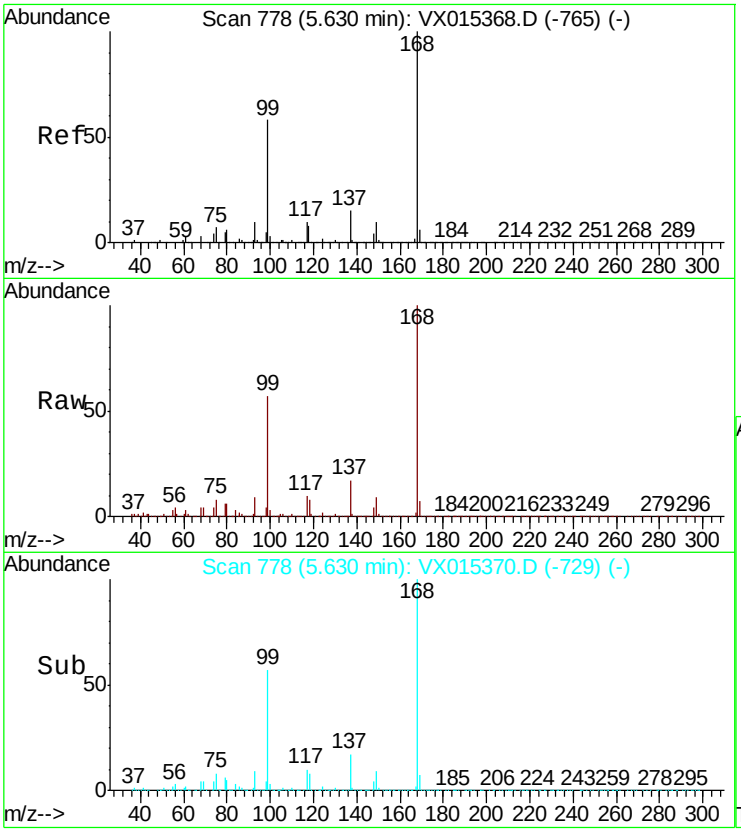
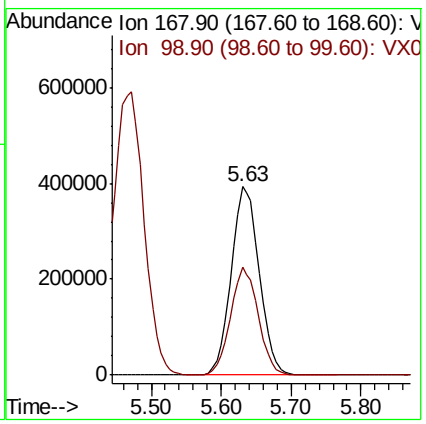




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 778
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:168 Resp: 1091668

Ion	Ratio	Lower	Upper
168	100		
99	57.2	46.4	69.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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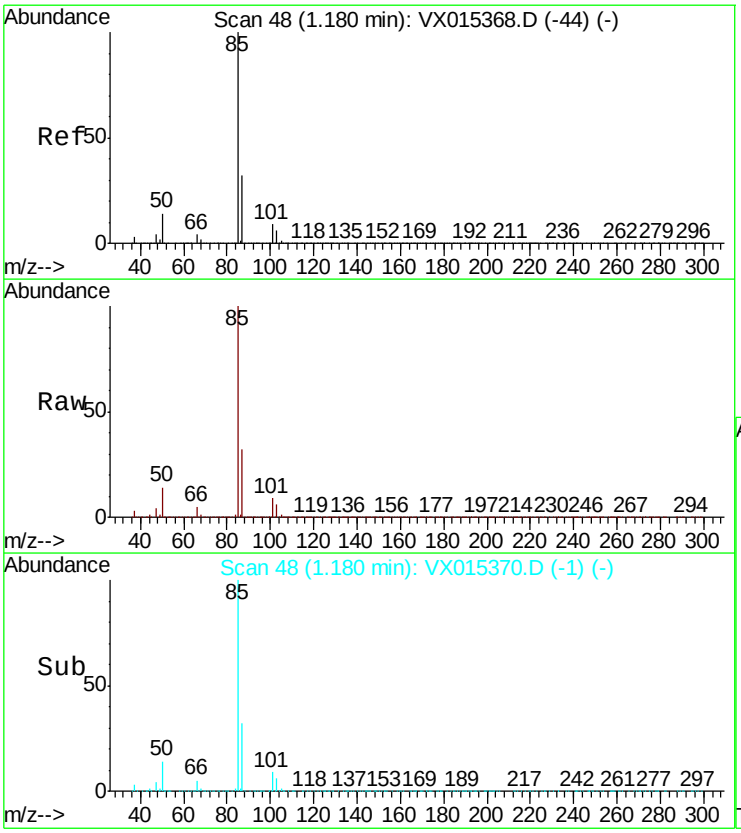
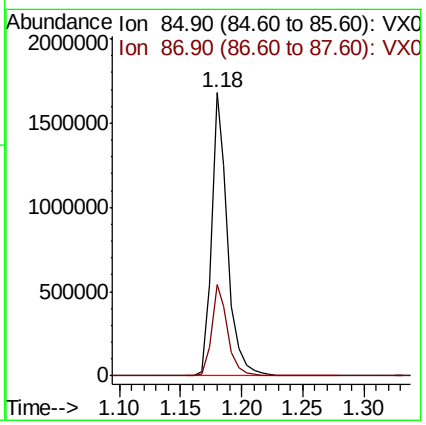
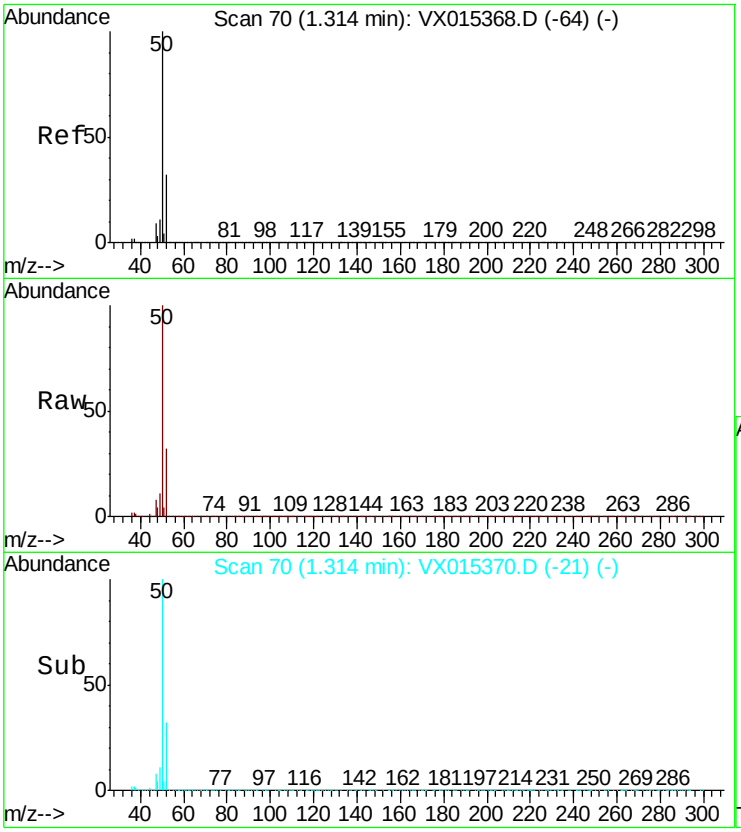


#2
Dichlorodifluoromethane
Concen: 134.363 ug/l
RT: 1.18 min Scan# 48
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 85 Resp: 1534645

Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.0	47.9

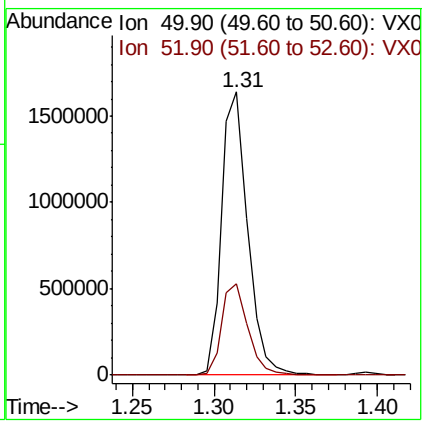




#3
Chloromethane
Concen: 137.149 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 50 Resp: 1823801

Ion	Ratio	Lower	Upper
50	100		
52	32.3	25.3	37.9



Instrument :
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ClientSampleId :
VSTDICC150

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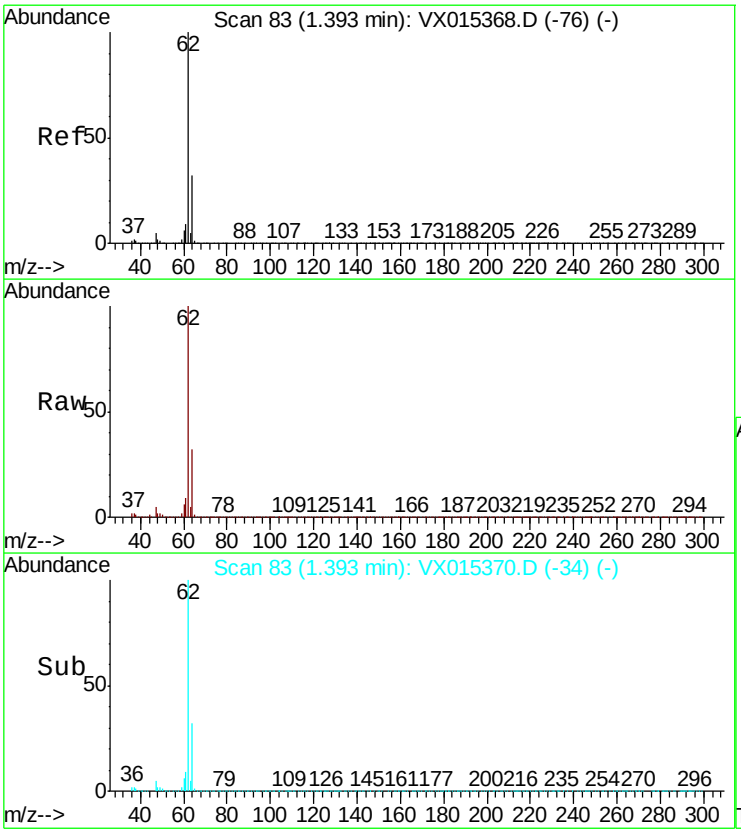
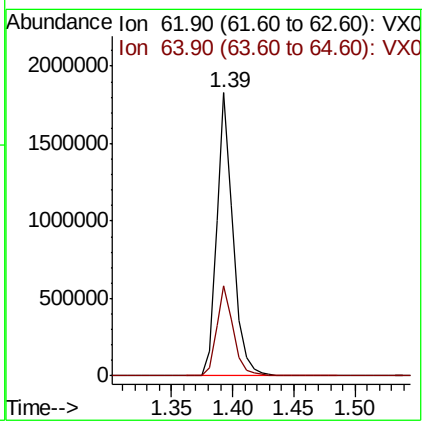
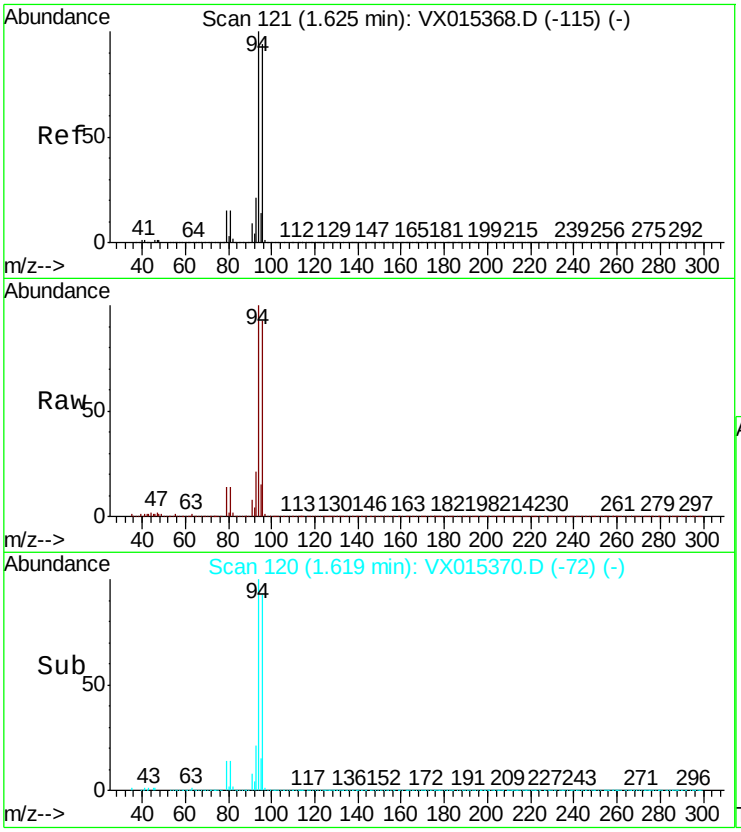


#4
Vinyl Chloride
Concen: 131.901 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 62 Resp: 1704471

Ion	Ratio	Lower	Upper
62	100		
64	31.7	26.0	39.0

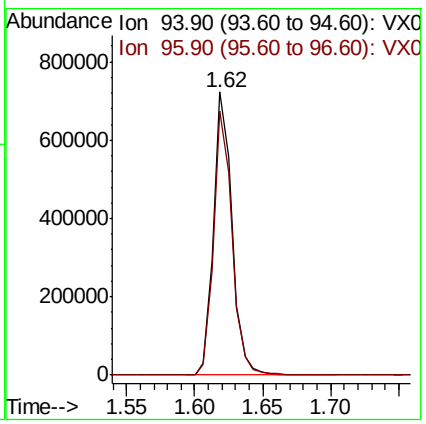




#5
Bromomethane
Concen: 136.621 ug/l
RT: 1.62 min Scan# 120
Delta R.T. -0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 94 Resp: 682089

Ion	Ratio	Lower	Upper
94	100		
96	93.3	74.8	112.2



Instrument :
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ClientSampleId :
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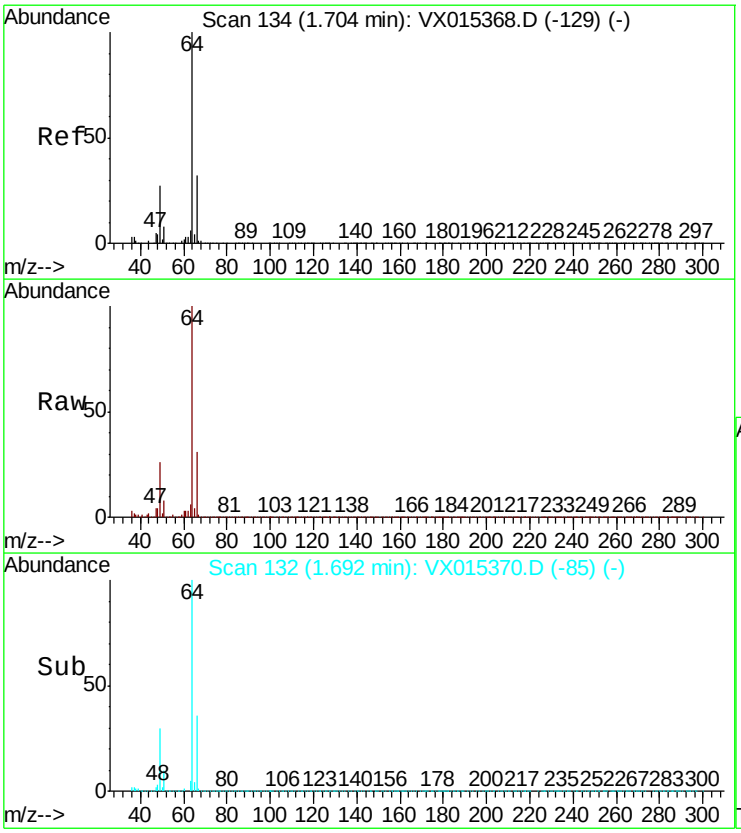
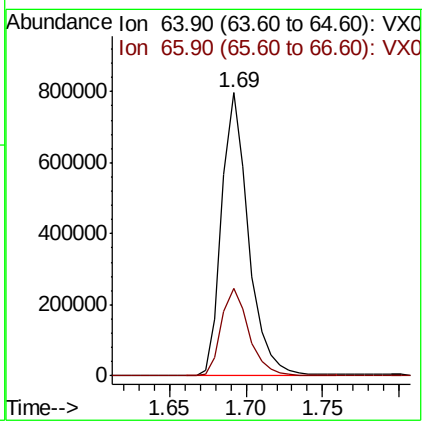
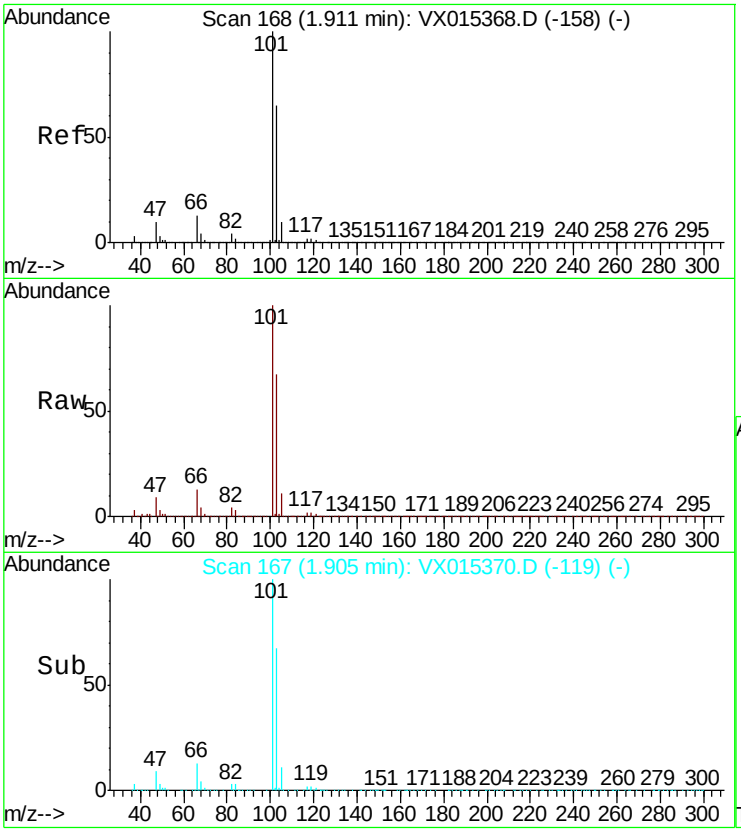


#6
Chloroethane
Concen: 119.201 ug/l
RT: 1.69 min Scan# 132
Delta R.T. -0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 64 Resp: 963002

Ion	Ratio	Lower	Upper
64	100		
66	30.8	25.4	38.2

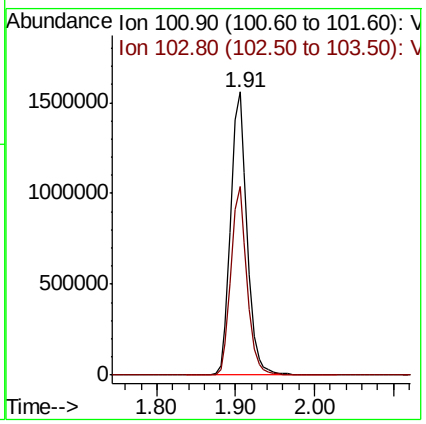




#7
Trichlorofluoromethane
Concen: 131.956 ug/l
RT: 1.91 min Scan# 167
Delta R.T. -0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:101 Resp: 2262201

Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.3	78.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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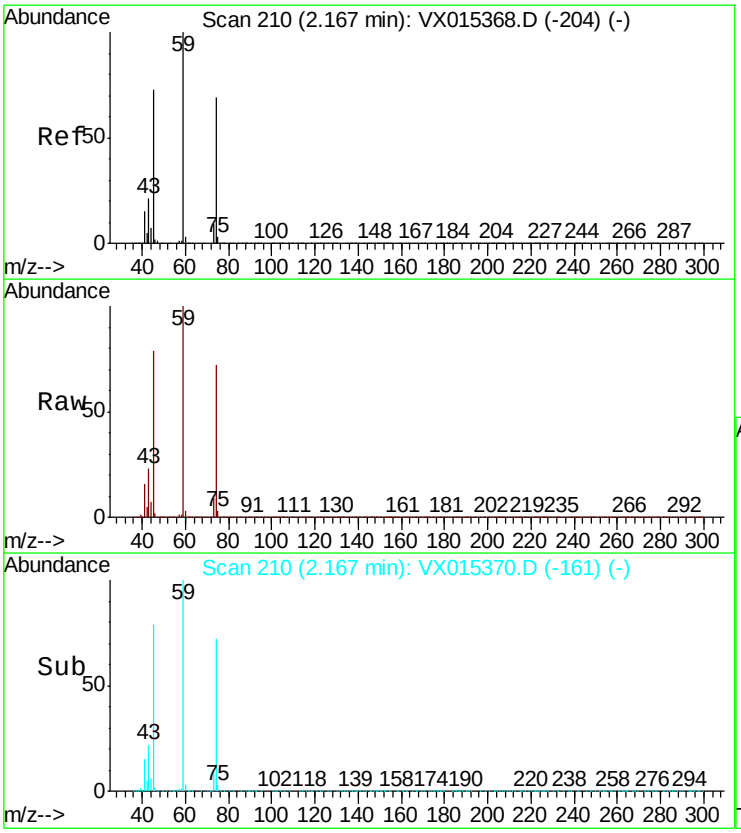
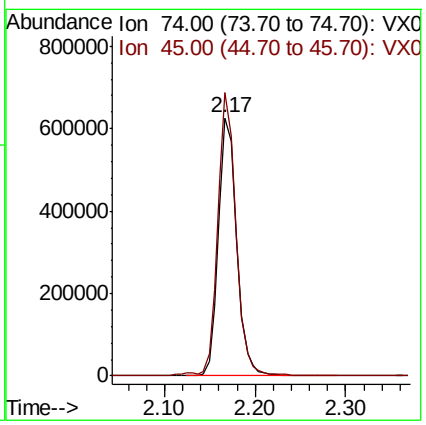
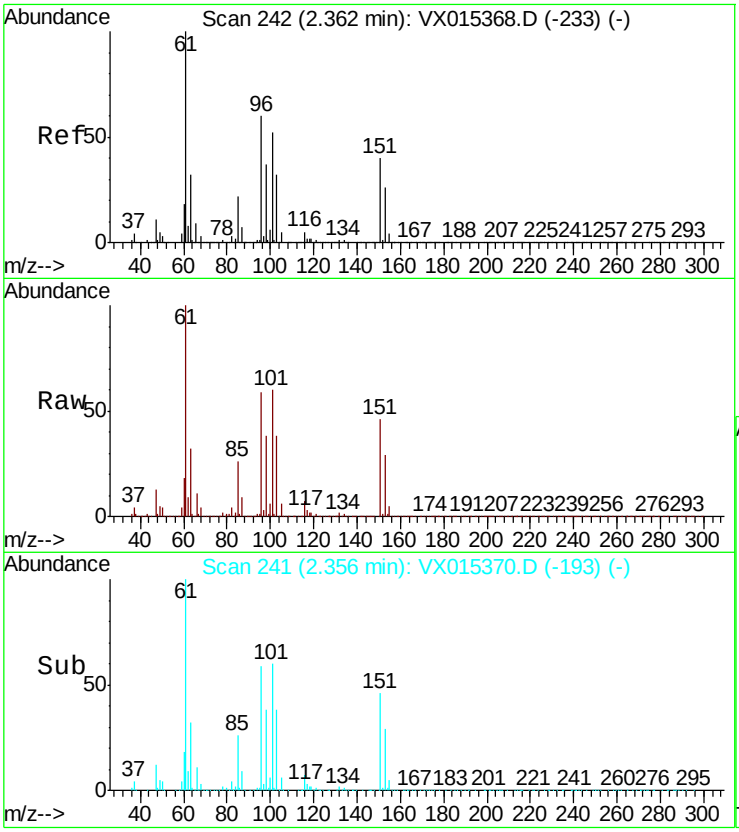


#8
Diethyl Ether
Concen: 119.463 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 74 Resp: 881654

Ion	Ratio	Lower	Upper
74	100		
45	109.0	53.8	161.4

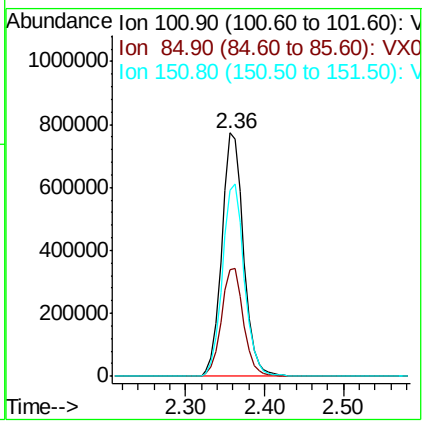




#9
1,1,2-Trichlorotrifluoroethane
Concen: 114.866 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:101 Resp: 1478077

Ion	Ratio	Lower	Upper
101	100		
85	44.8	35.0	52.4
151	79.9	64.1	96.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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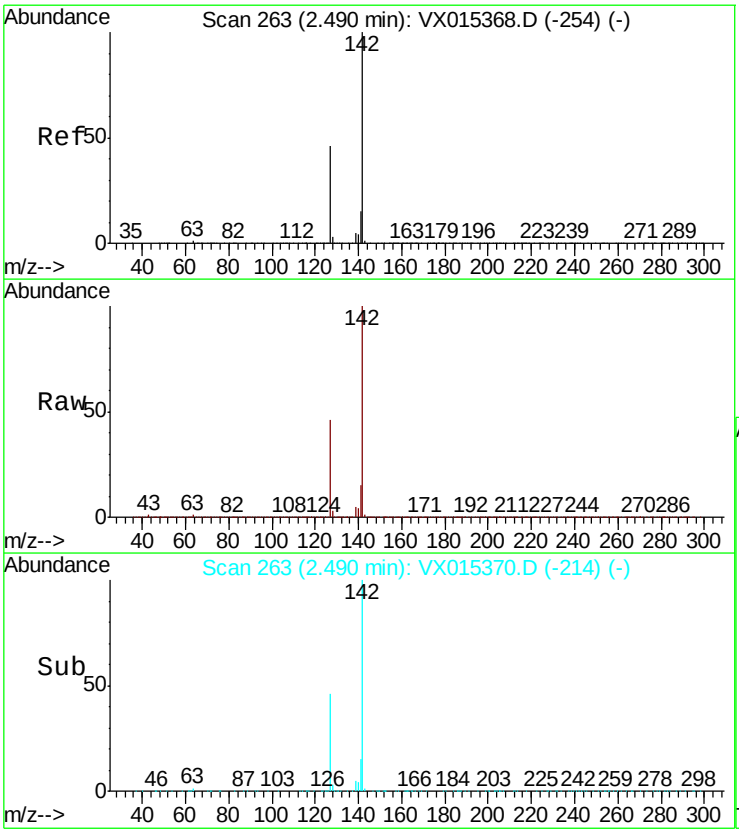
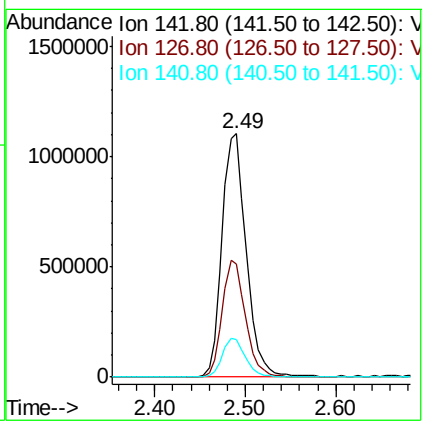
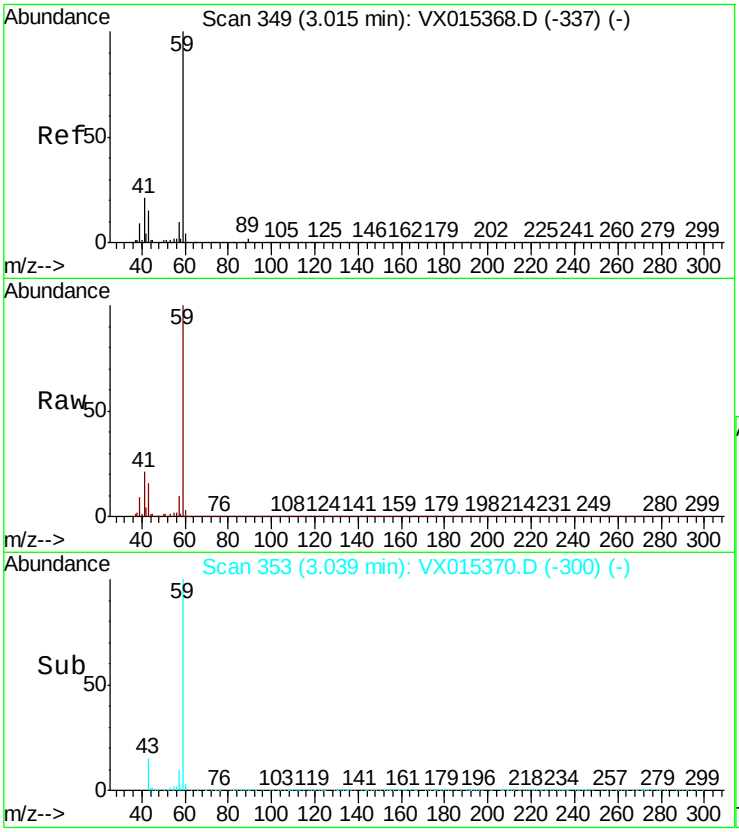


#10
Methyl Iodide
Concen: 142.775 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:142 Resp: 2055479

Ion	Ratio	Lower	Upper
142	100		
127	46.0	35.9	53.9
141	15.1	11.6	17.4

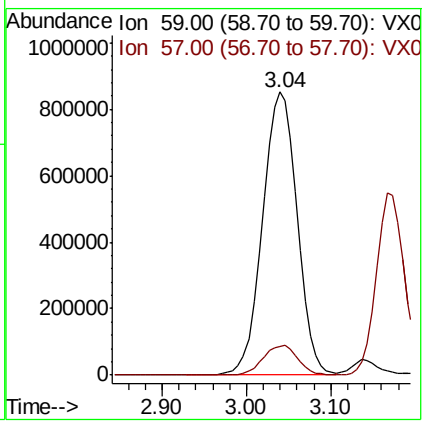




#11
Tert butyl alcohol
Concen: 828.069 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.02 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 59 Resp: 2422501

Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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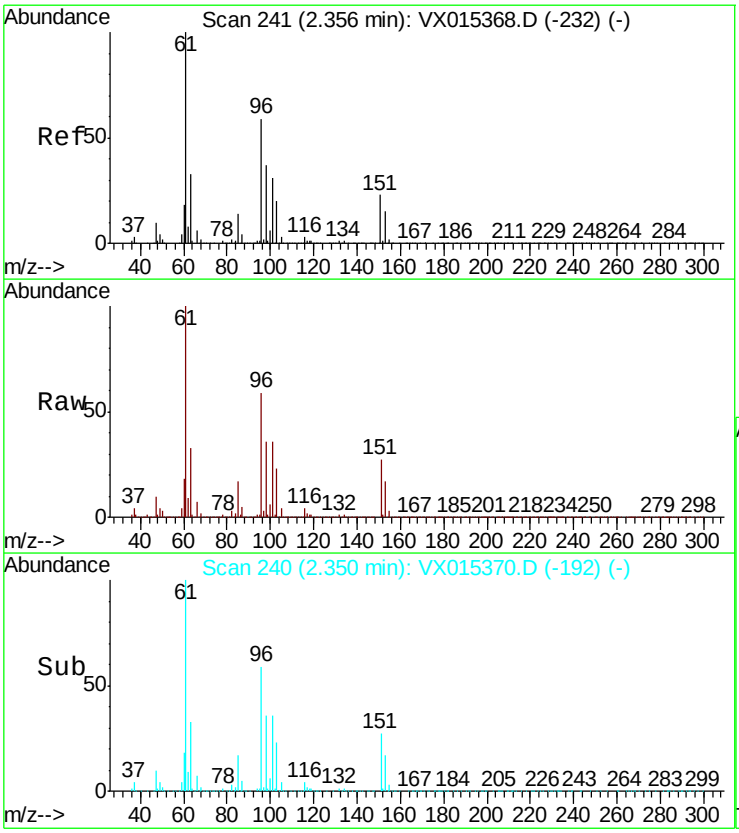
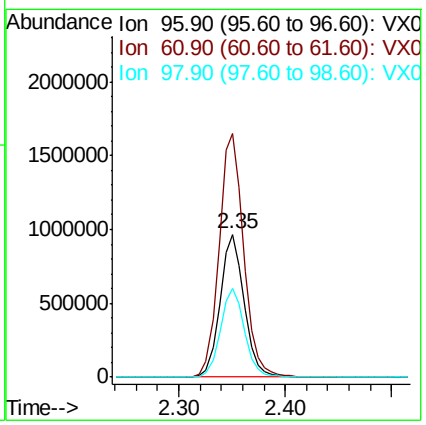
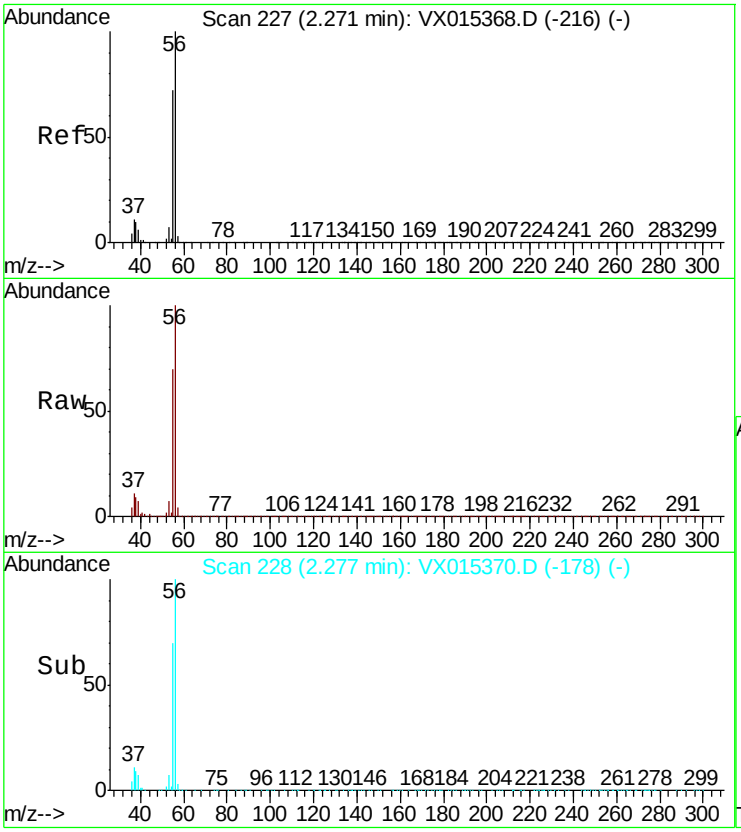


#12
1,1-Dichloroethene
Concen: 111.897 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 96 Resp: 1510808

Ion	Ratio	Lower	Upper
96	100		
61	170.6	135.7	203.5
98	62.1	50.6	75.8

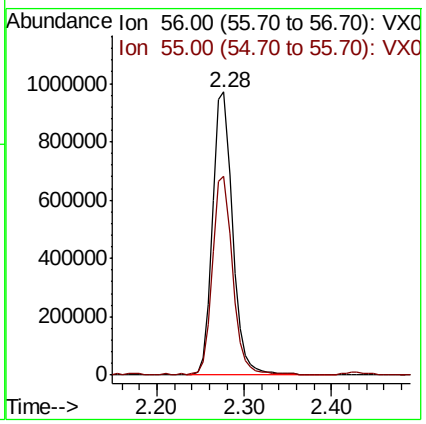




#13
Acrolein
Concen: 594.332 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 56 Resp: 1531972

Ion	Ratio	Lower	Upper
56	100		
55	70.4	57.0	85.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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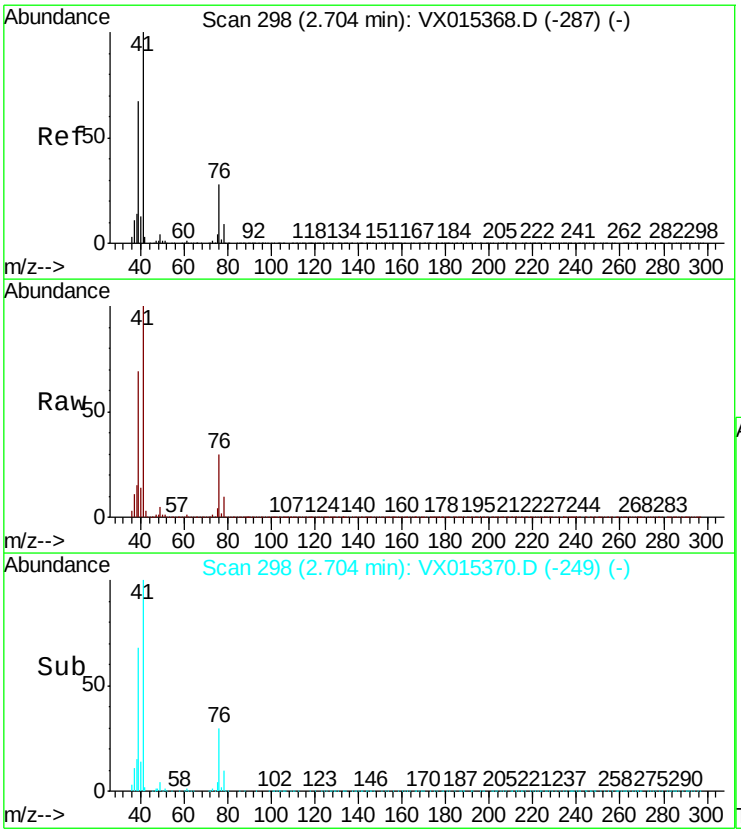
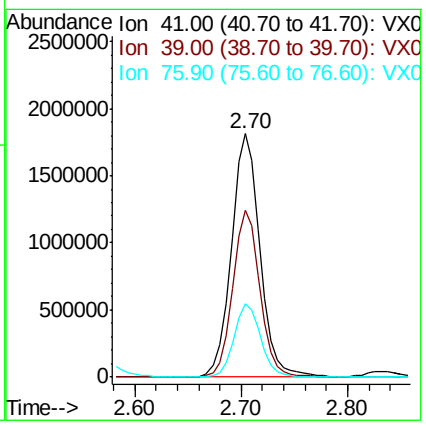
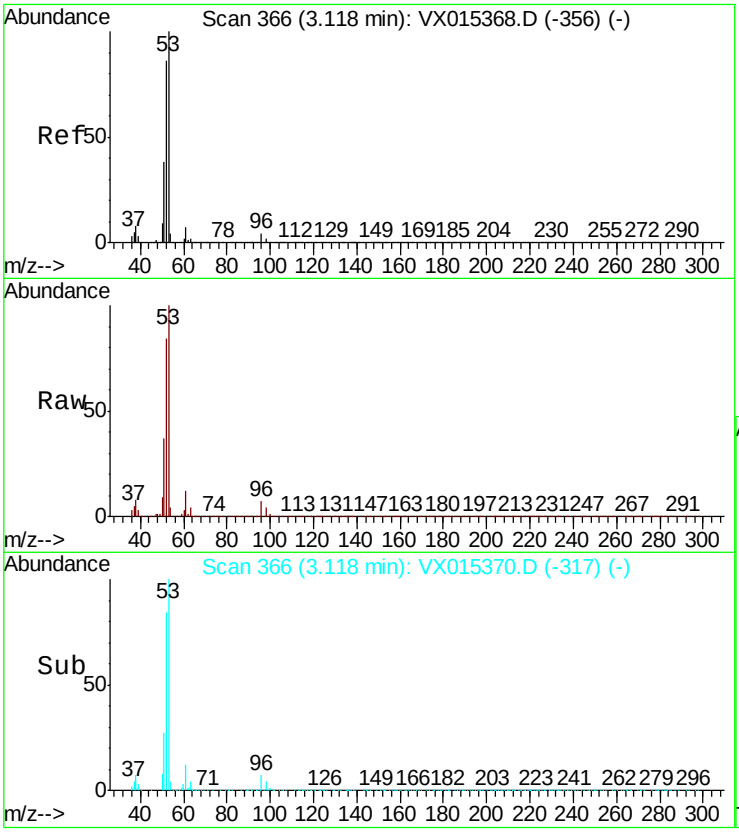


#14
Allyl chloride
Concen: 156.644 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 41 Resp: 3386745

Ion	Ratio	Lower	Upper
41	100		
39	65.4	51.4	77.0
76	28.4	21.8	32.8

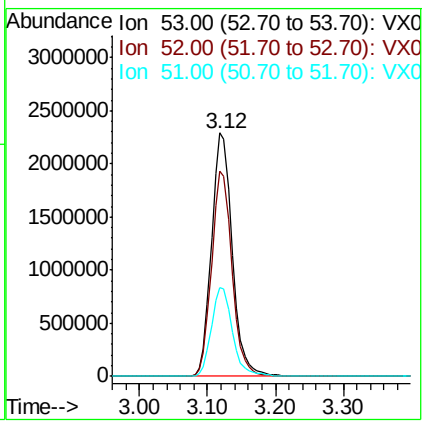




#15
Acrylonitrile
Concen: 677.461 ug/l
RT: 3.12 min Scan# 366
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 53 Resp: 4823132

Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	37.0	29.5	44.3



Instrument :
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ClientSampleId :
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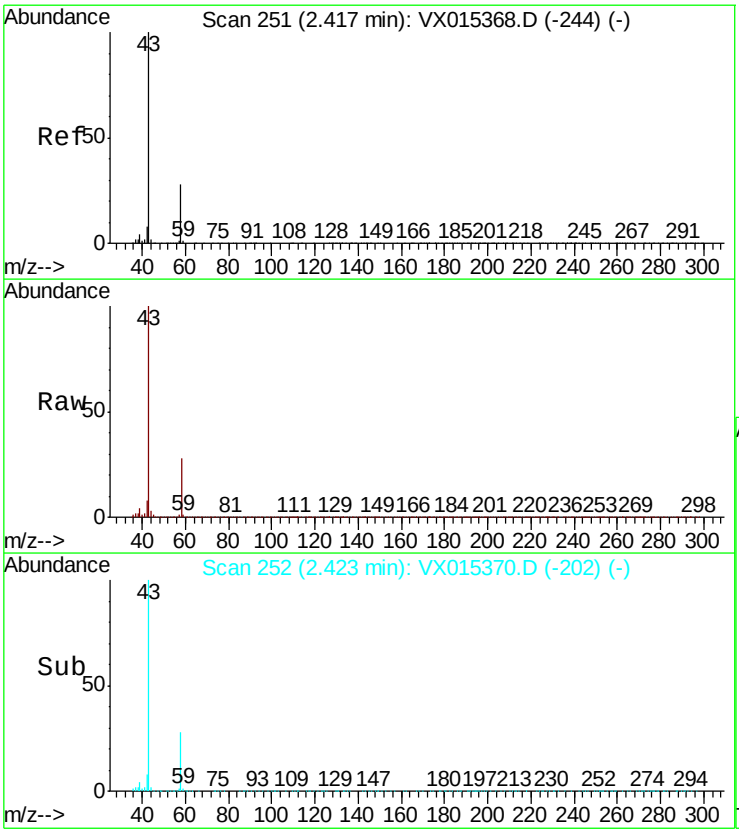
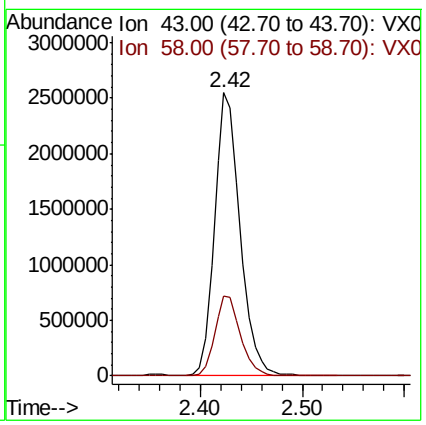
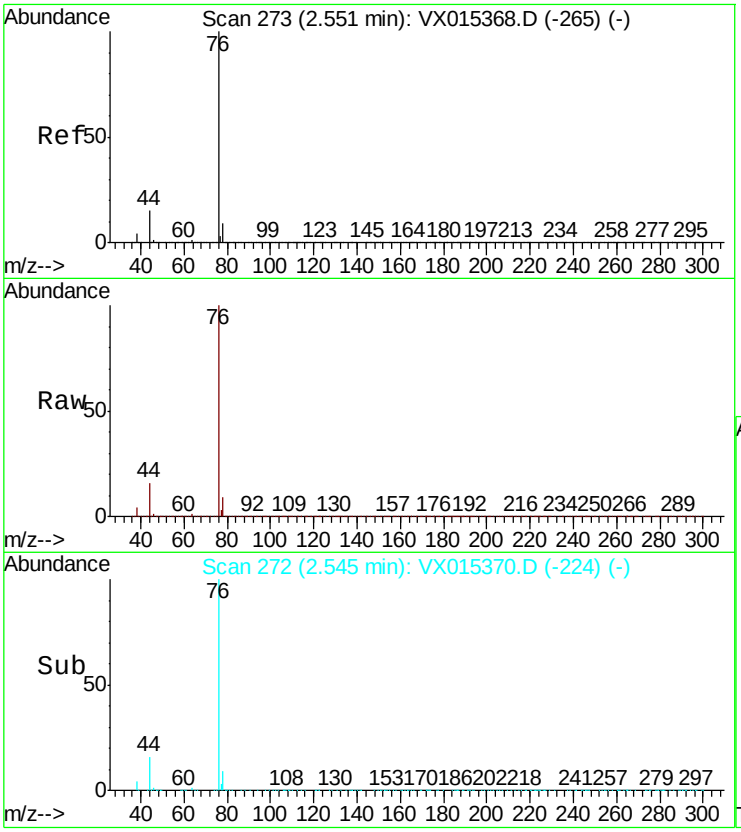


#16
Acetone
Concen: 727.317 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp: 4414530

Ion	Ratio	Lower	Upper
43	100		
58	28.2	22.1	33.1

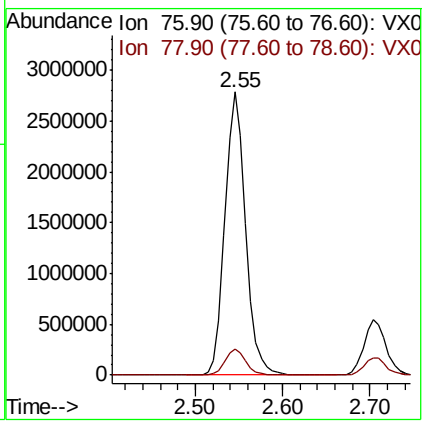




#17
Carbon Disulfide
Concen: 124.915 ug/l
RT: 2.55 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 76 Resp: 4560394

Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7



Instrument :
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ClientSampleId :
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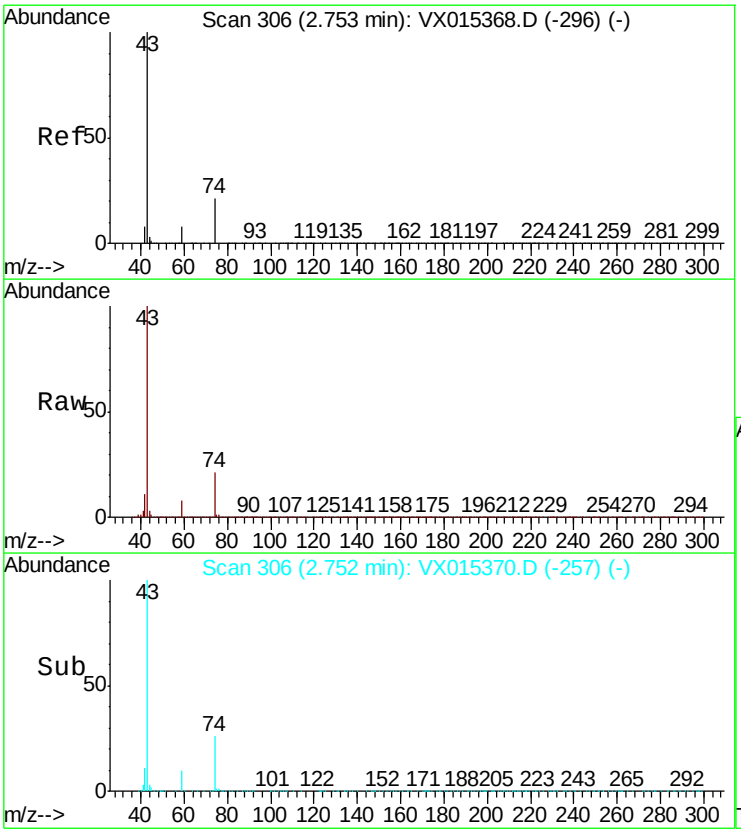
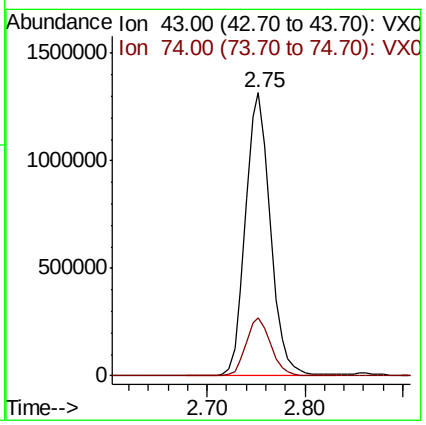
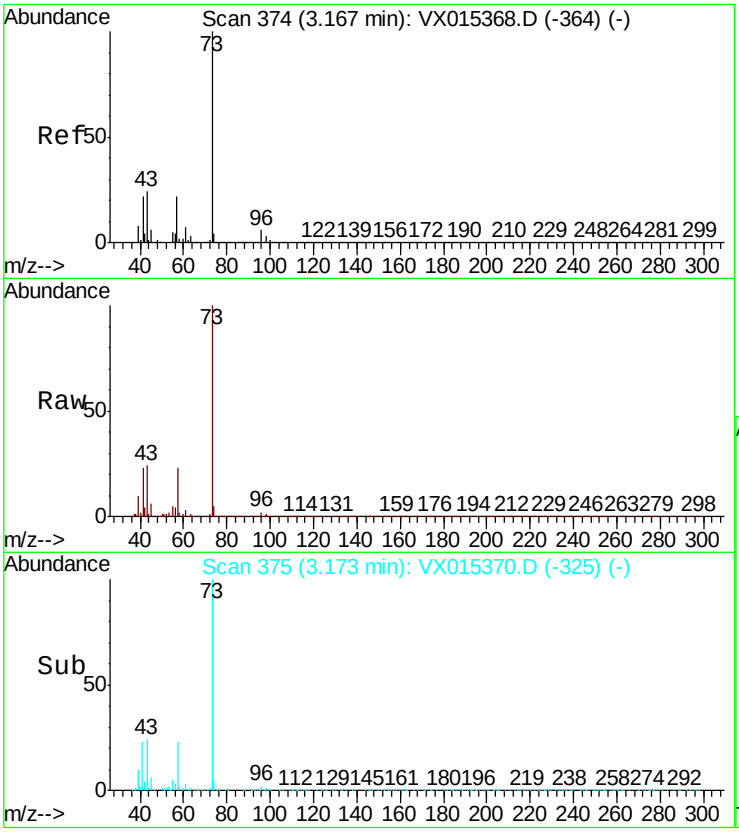


#18
Methyl Acetate
Concen: 151.698 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp: 2317838

Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.5	24.7





#19
Methyl tert-butyl Ether
Concen: 135.274 ug/l
RT: 3.17 min Scan# 375
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 73 Resp: 5545046

Ion	Ratio	Lower	Upper
73	100		
57	22.9	17.9	26.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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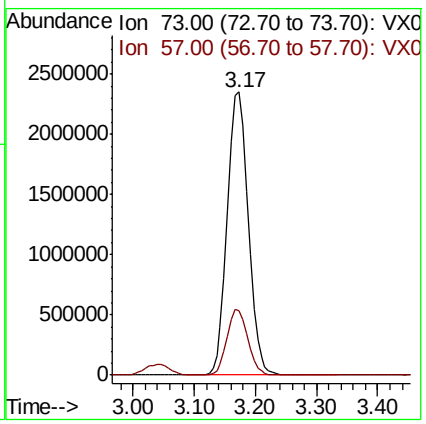
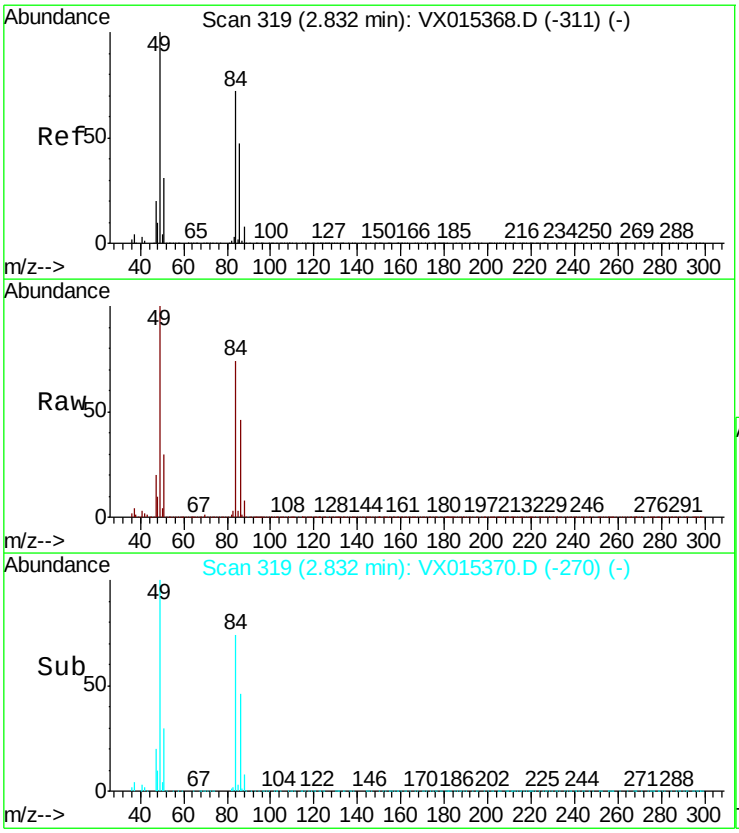
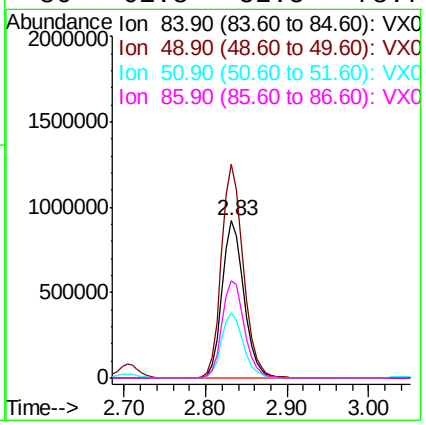


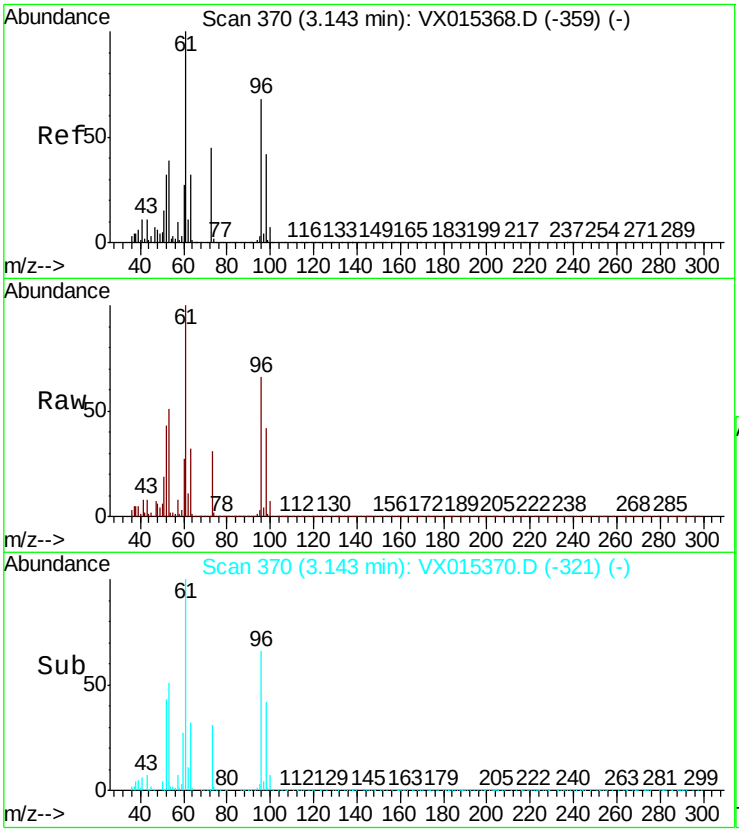


#20
Methylene Chloride
Concen: 106.027 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 84 Resp: 1695687

Ion	Ratio	Lower	Upper
84	100		
49	135.7	111.3	166.9
51	41.1	34.0	51.0
86	61.8	52.5	78.7

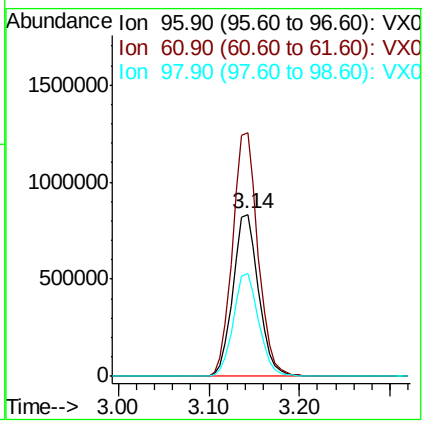




#21
trans-1,2-Dichloroethene
Concen: 110.917 ug/l
RT: 3.14 min Scan# 370
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 96 Resp: 1629842

Ion	Ratio	Lower	Upper
96	100		
61	150.5	116.9	175.3
98	63.8	48.6	73.0



Instrument :
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ClientSampleId :
VSTDICC150

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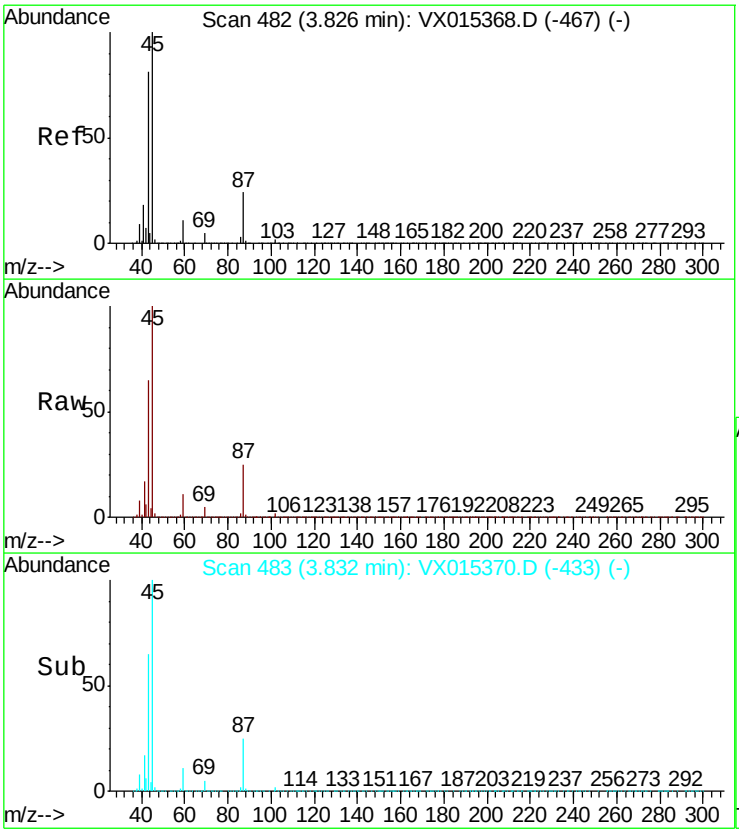
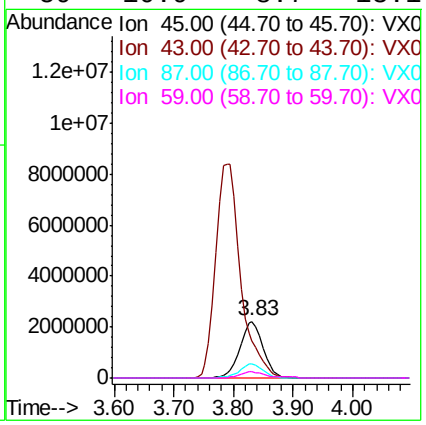
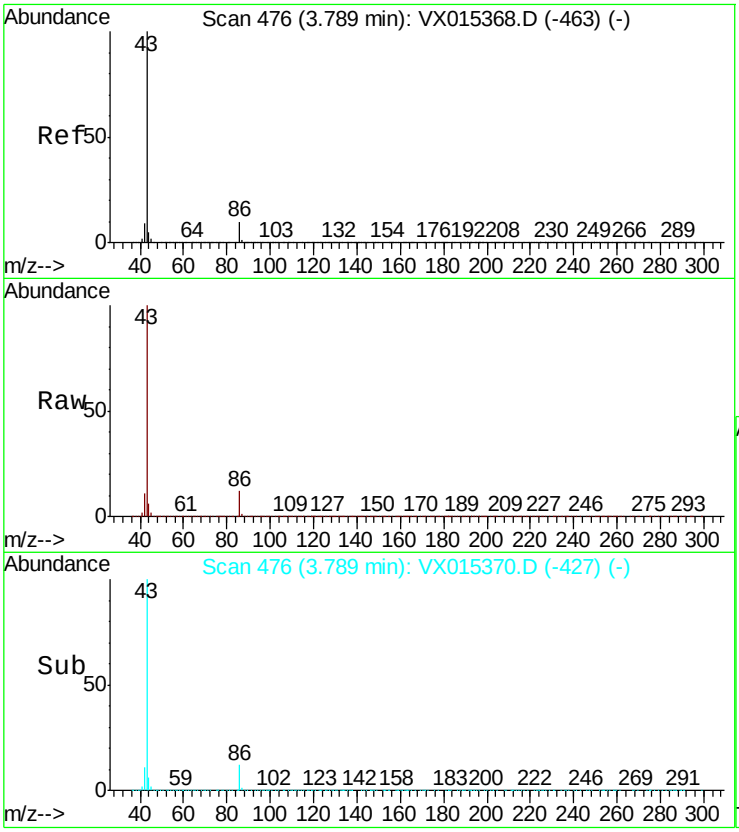


#22
Diisopropyl ether
Concen: 140.577 ug/l
RT: 3.83 min Scan# 483
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 45 Resp: 5983613

Ion	Ratio	Lower	Upper
45	100		
43	64.6	64.7	97.1#
87	25.0	19.4	29.0
59	10.9	8.7	13.1





#23
Vinyl Acetate
Concen: 705.009 ug/l
RT: 3.79 min Scan# 476
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp:24597113

Ion	Ratio	Lower	Upper
43	100		
86	11.9	7.8	11.6#

Instrument :
MSVOA_X
ClientSampleId :
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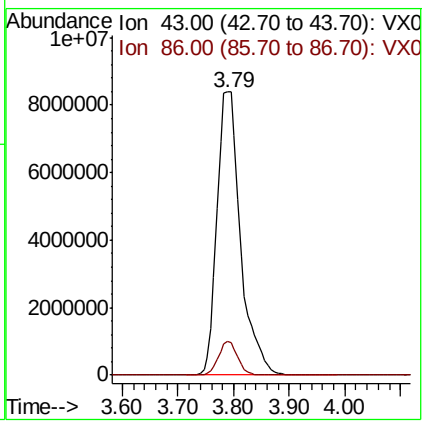
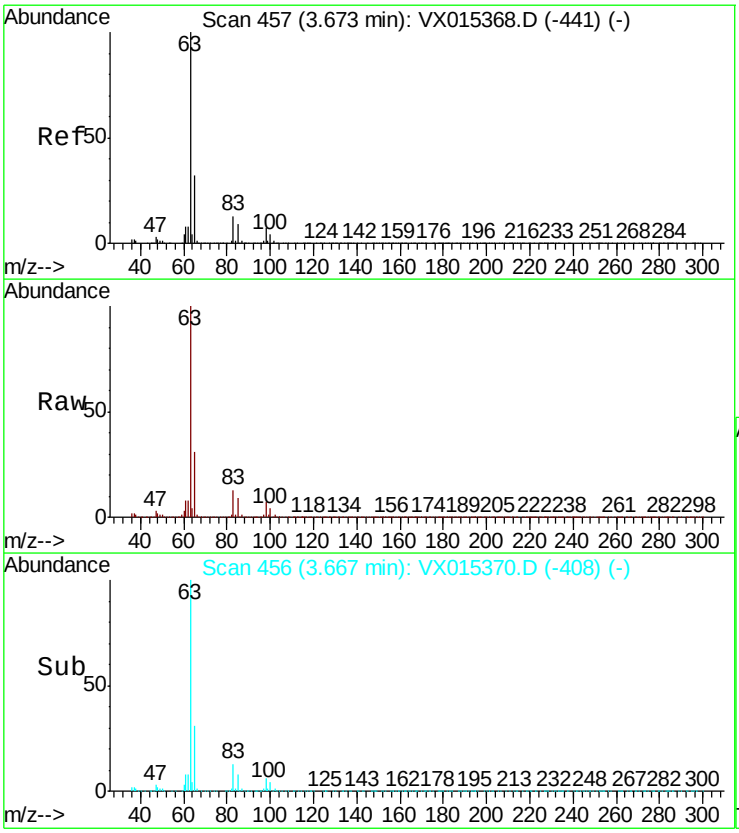
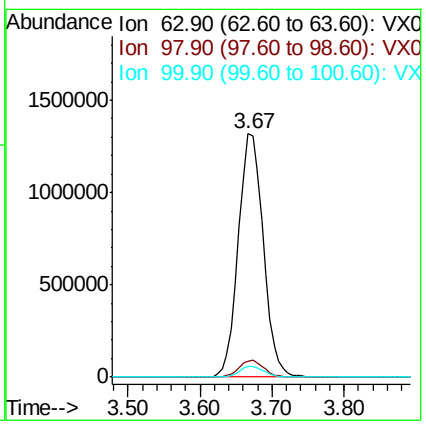


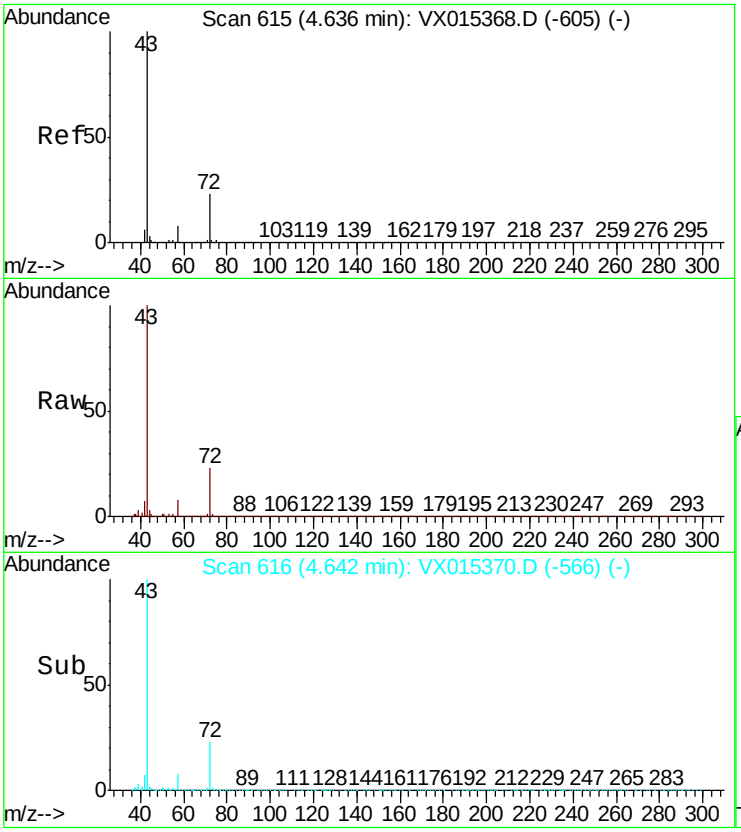


#24
1,1-Dichloroethane
Concen: 125.811 ug/l
RT: 3.67 min Scan# 456
Delta R.T. -0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 63 Resp: 3179280

Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.3	9.8
100	4.2	2.1	6.5

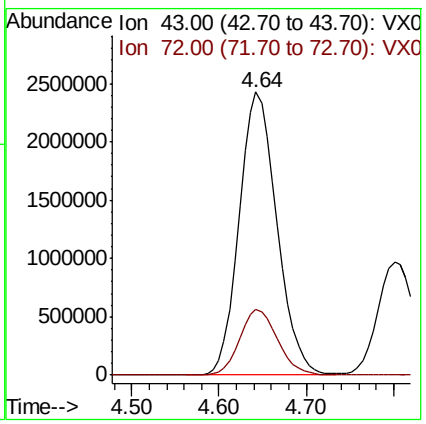




#25
2-Butanone
Concen: 782.986 ug/l
RT: 4.64 min Scan# 616
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp: 7251573

Ion	Ratio	Lower	Upper
43	100		
72	23.0	19.0	28.4



Instrument :
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ClientSampleId :
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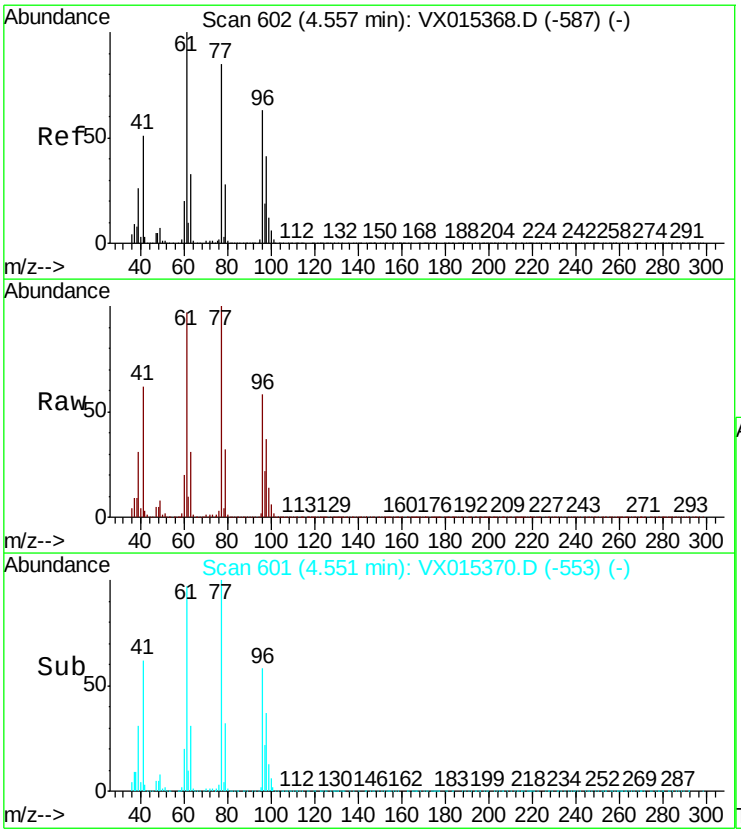
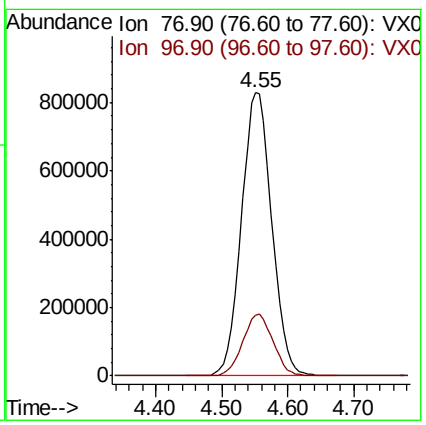
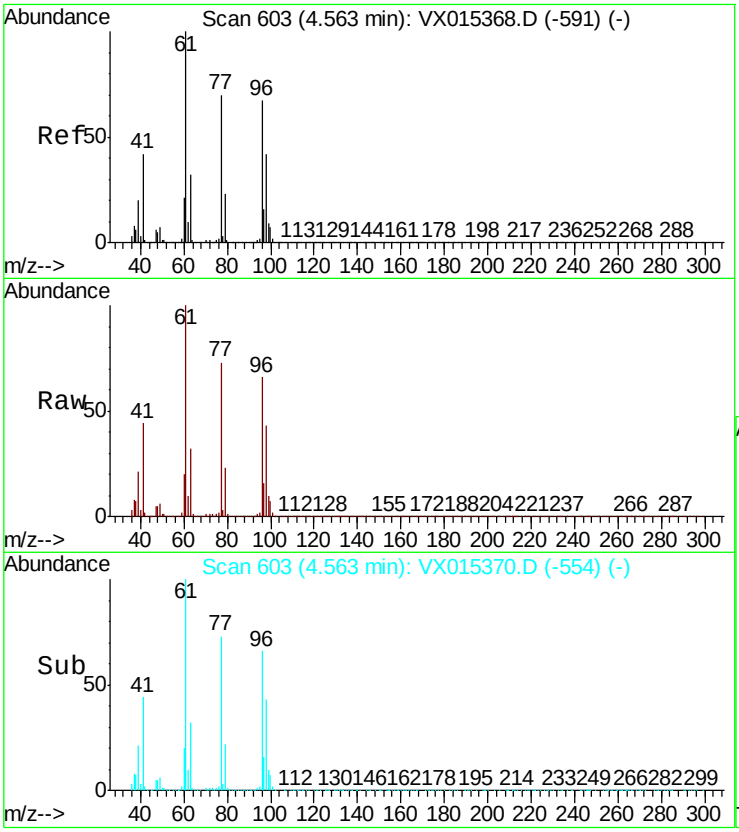


#26
2,2-Dichloropropane
Concen: 133.671 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 77 Resp: 2631800

Ion	Ratio	Lower	Upper
77	100		
97	21.9	11.3	33.8

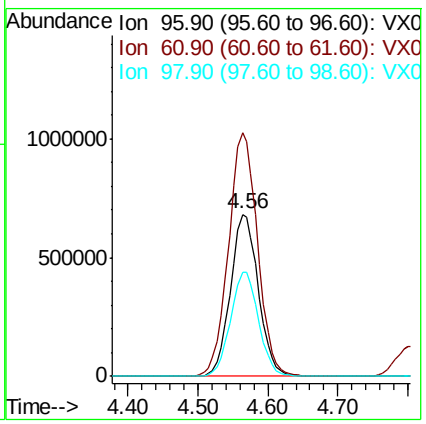




#27
cis-1,2-Dichloroethene
Concen: 115.832 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 96 Resp: 1880611

Ion	Ratio	Lower	Upper
96	100		
61	156.9	0.0	308.4
98	65.0	0.0	129.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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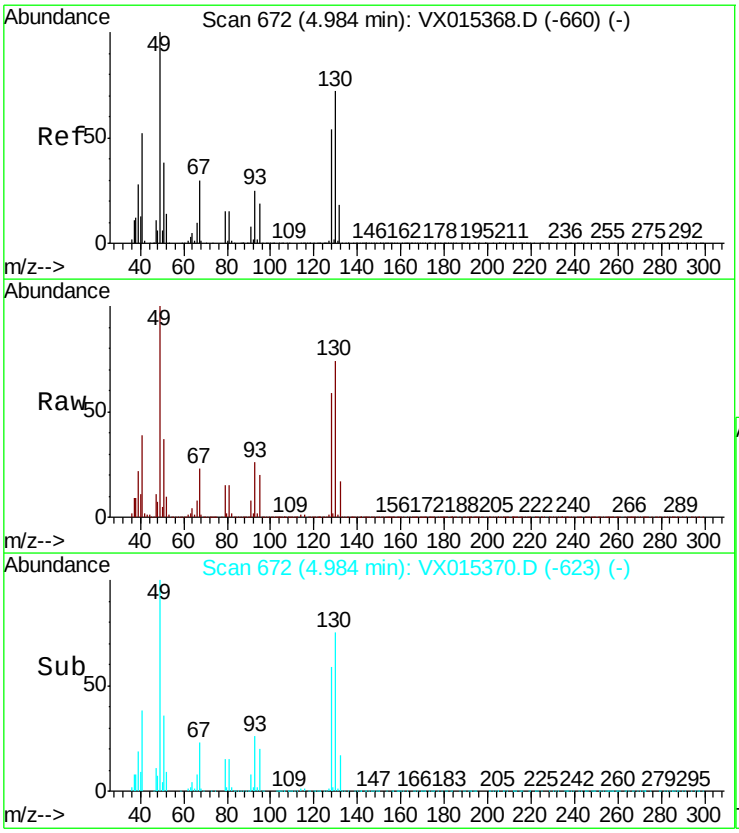
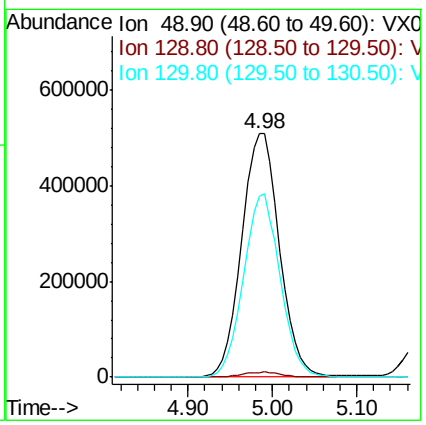
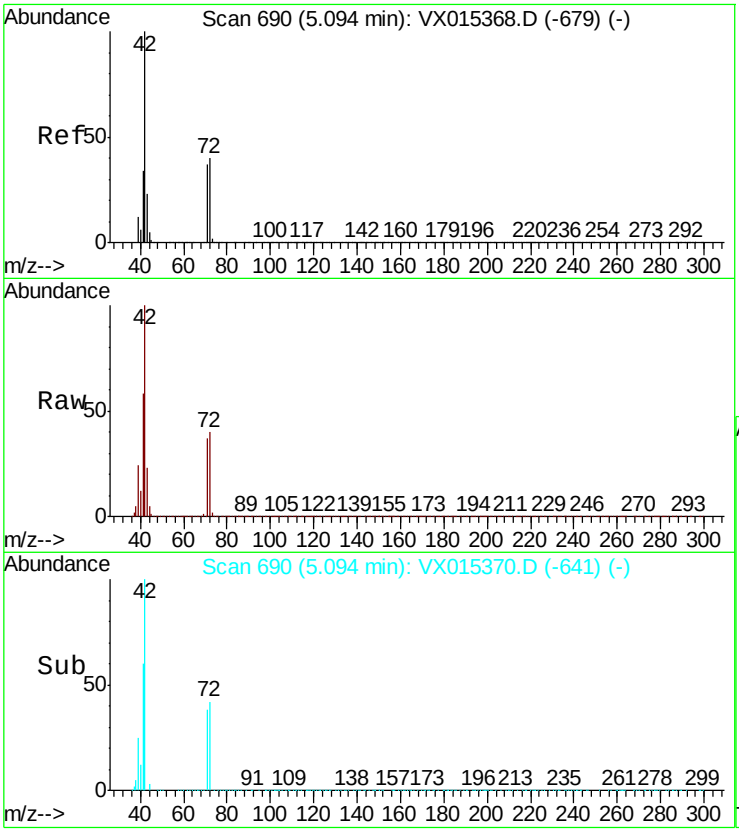


#28
Bromochloromethane
Concen: 144.767 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 49 Resp: 1549285

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	72.9	57.7	86.5

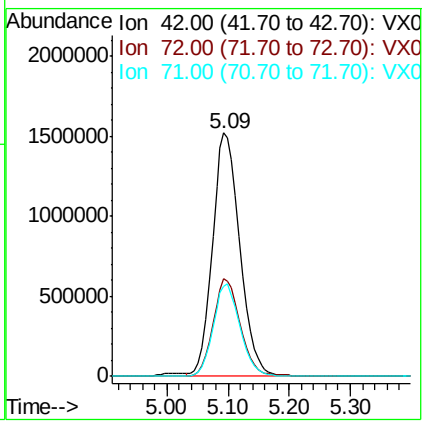




#29
Tetrahydrofuran
Concen: 787.210 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 42 Resp: 4728870

Ion	Ratio	Lower	Upper
42	100		
72	39.8	31.7	47.5
71	37.2	29.6	44.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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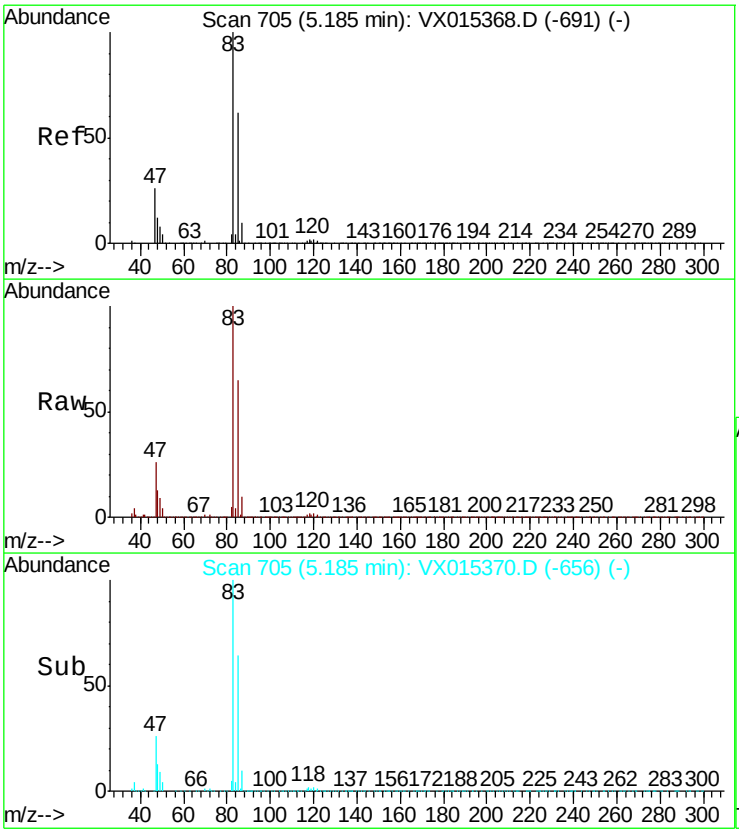
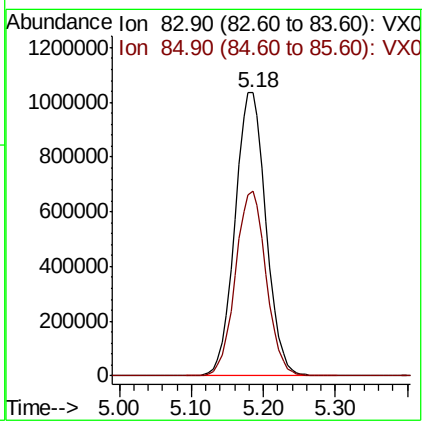
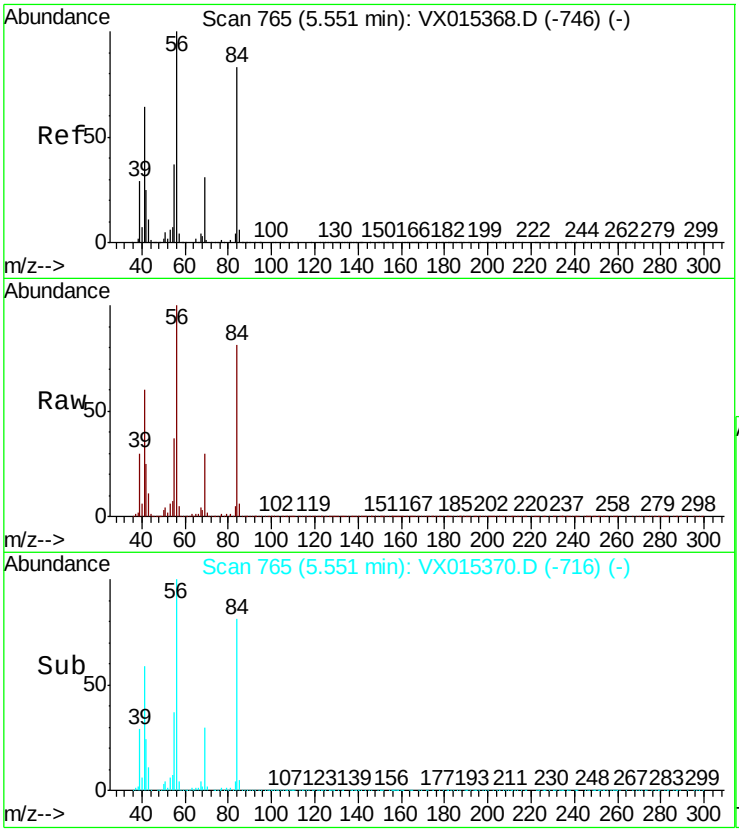


#30
Chloroform
Concen: 120.959 ug/l
RT: 5.18 min Scan# 705
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 83 Resp: 3080688

Ion	Ratio	Lower	Upper
83	100		
85	65.4	49.5	74.3

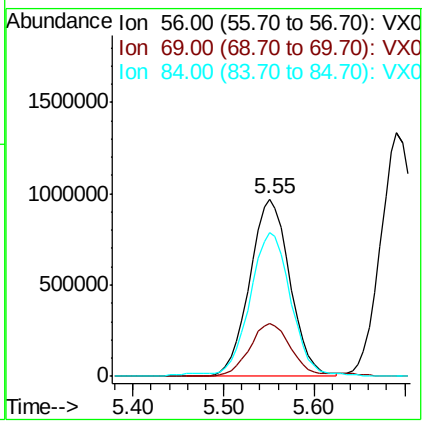




#31
Cyclohexane
Concen: 151.091 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 56 Resp: 2964822

Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.6	36.8
84	79.6	66.1	99.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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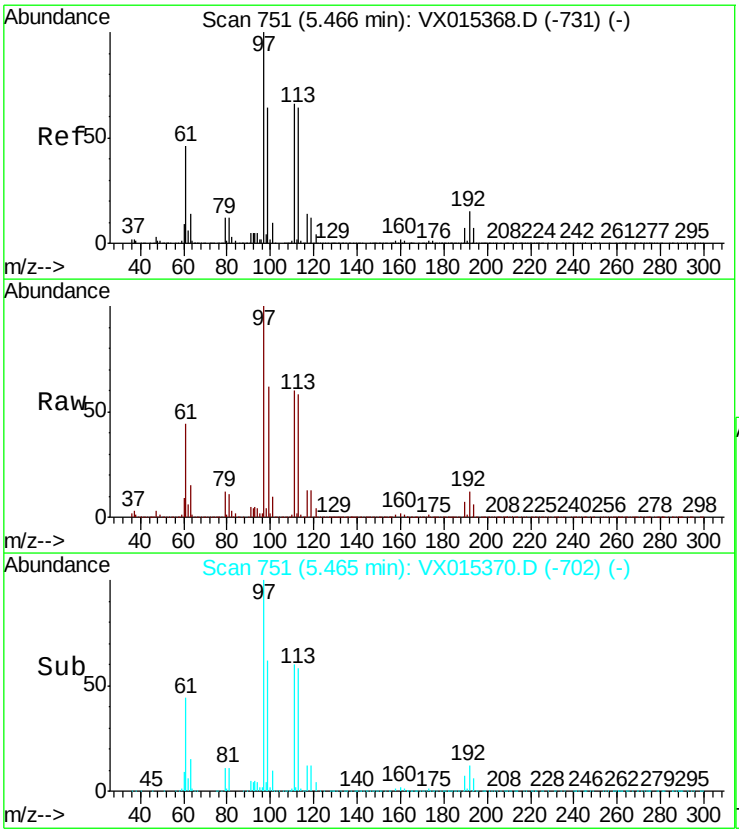
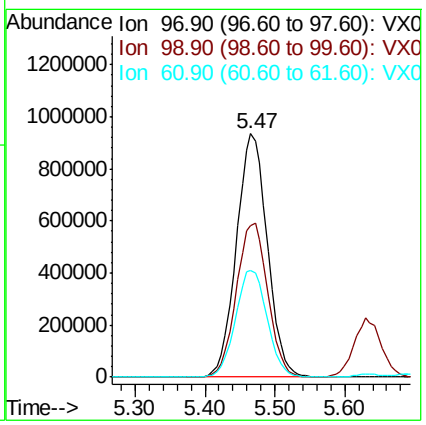
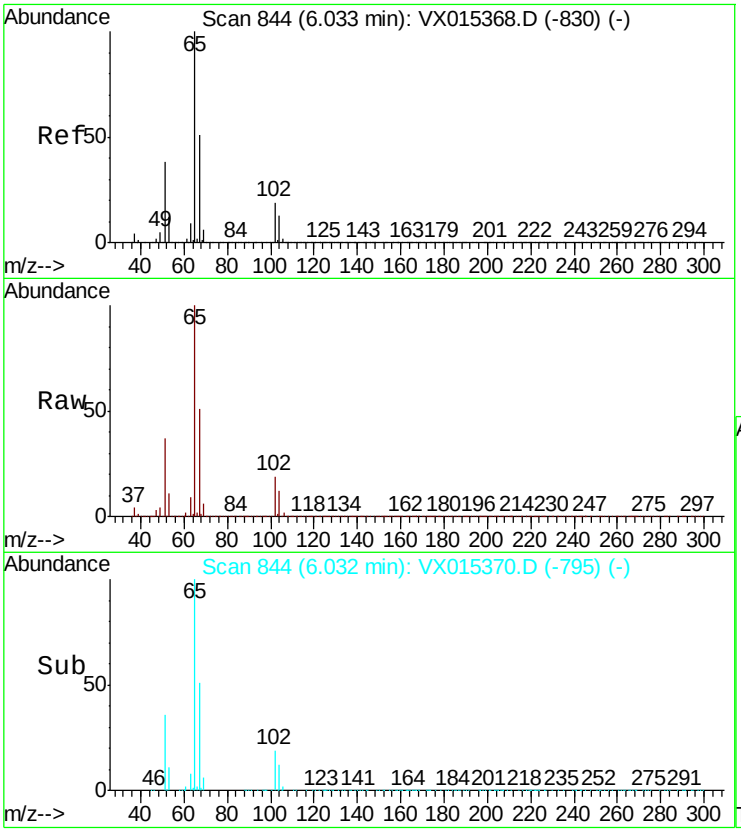


#32
1,1,1-Trichloroethane
Concen: 137.282 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 97 Resp: 2860860

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	45.2	36.1	54.1

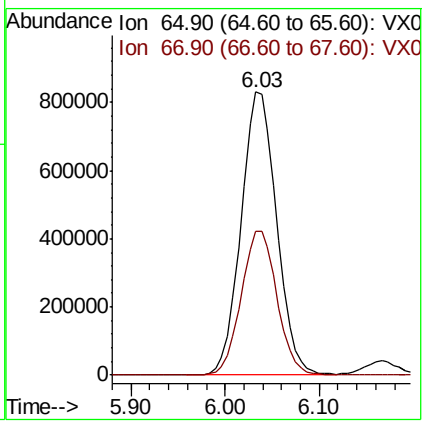




#33
1,2-Dichloroethane-d4
Concen: 153.386 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 65 Resp: 2182185

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.6



Instrument :
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ClientSampleId :
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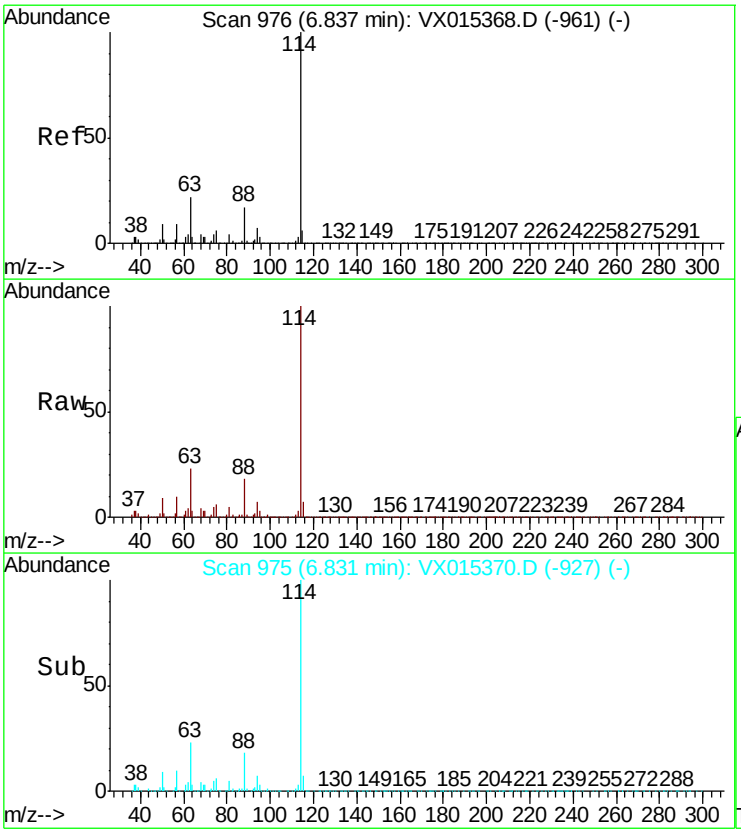
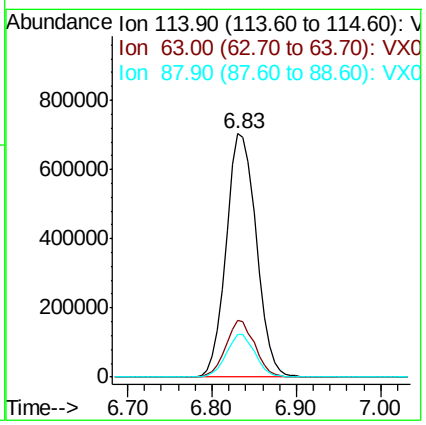
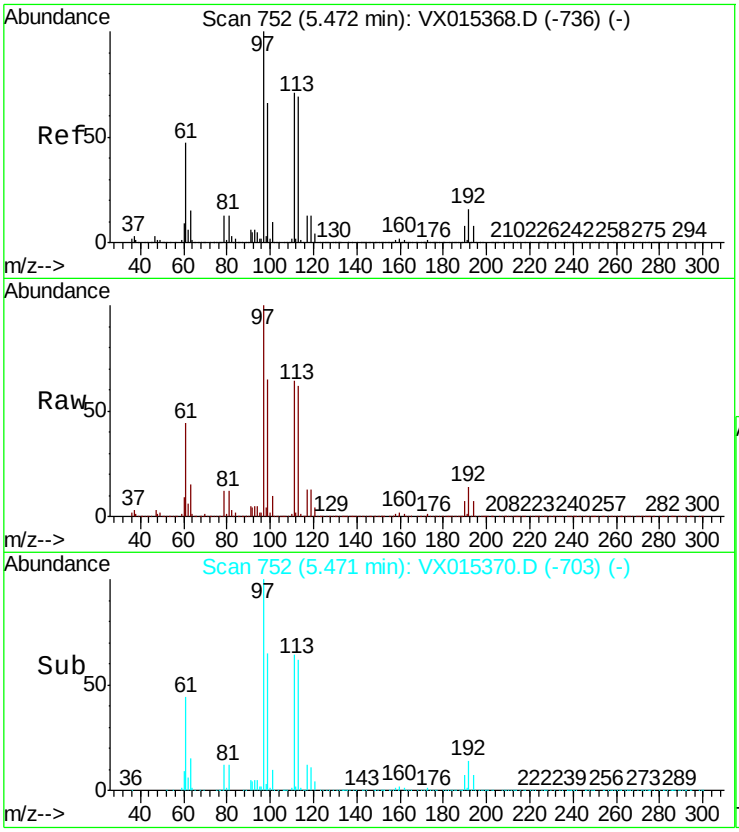


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.83 min Scan# 975
Delta R.T. -0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:114 Resp: 1707516

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	44.2
88	17.7	0.0	33.8

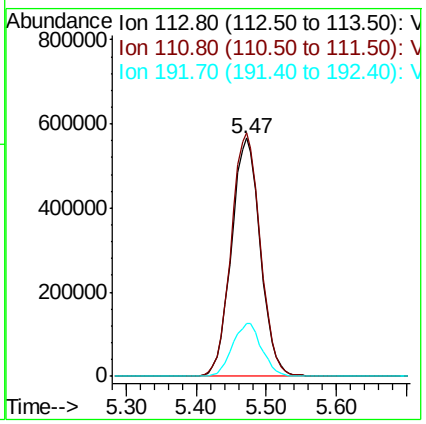




#35
Dibromofluoromethane
Concen: 144.980 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:113 Resp: 1615225

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.5	122.3
192	22.8	17.8	26.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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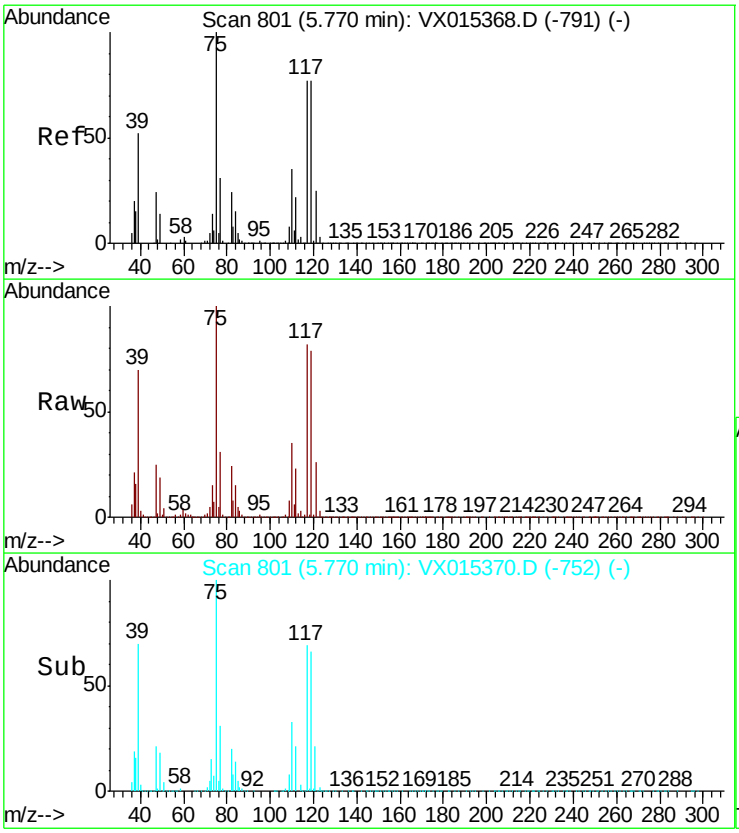
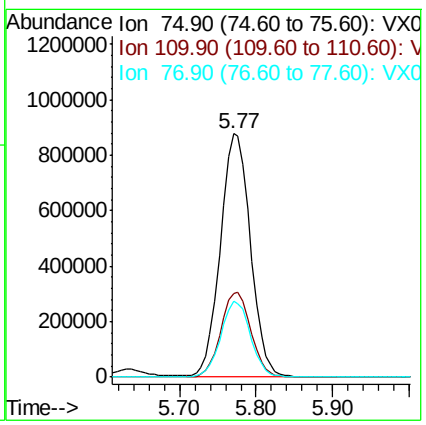
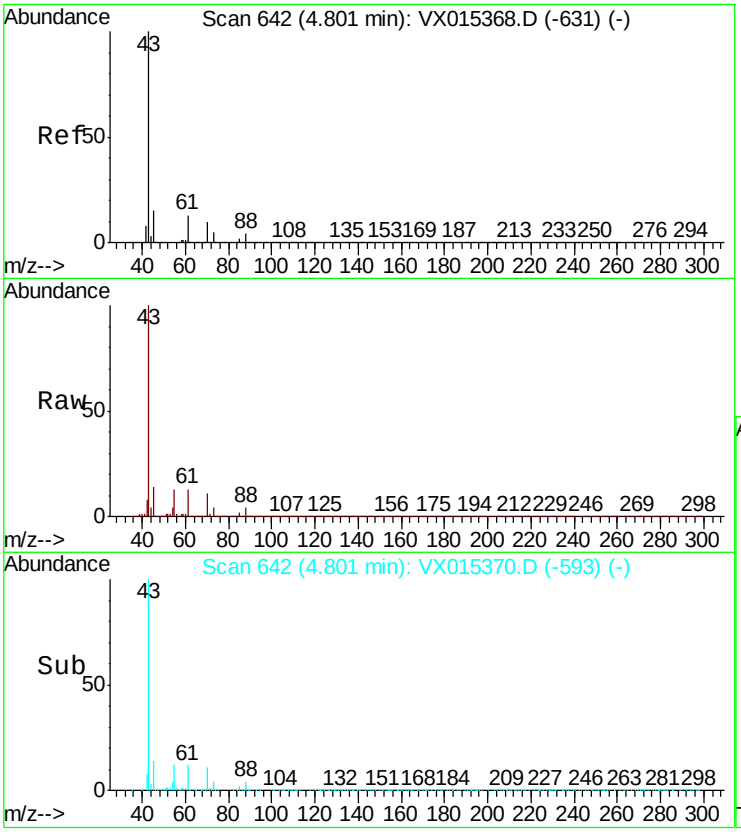


#36
1,1-Dichloropropene
Concen: 150.085 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 75 Resp: 2381533

Ion	Ratio	Lower	Upper
75	100		
110	34.8	17.1	51.3
77	30.6	24.6	36.8

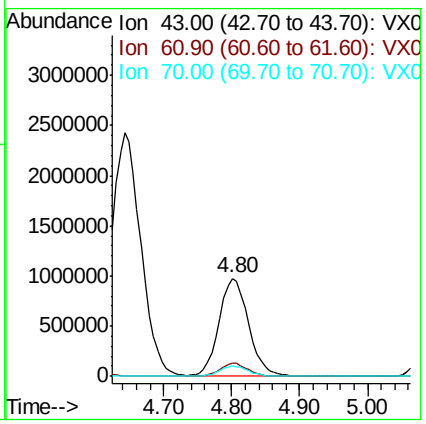




#37
Ethyl Acetate
Concen: 182.823 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp: 2908018

Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	10.2	8.1	12.1



Instrument :
MSVOA_X
ClientSampleId :
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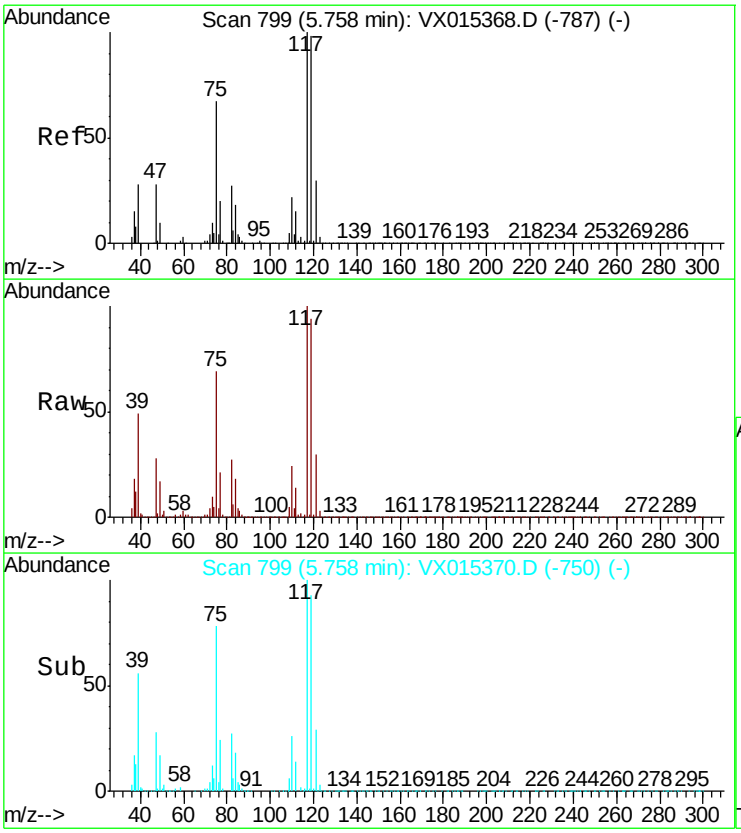
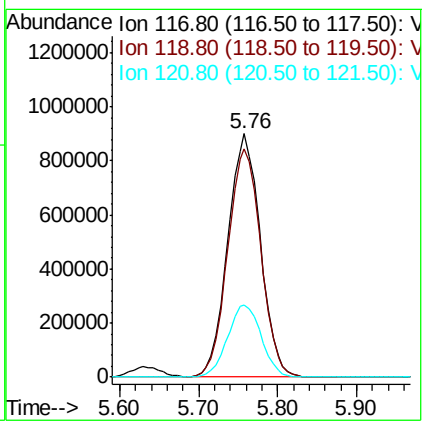
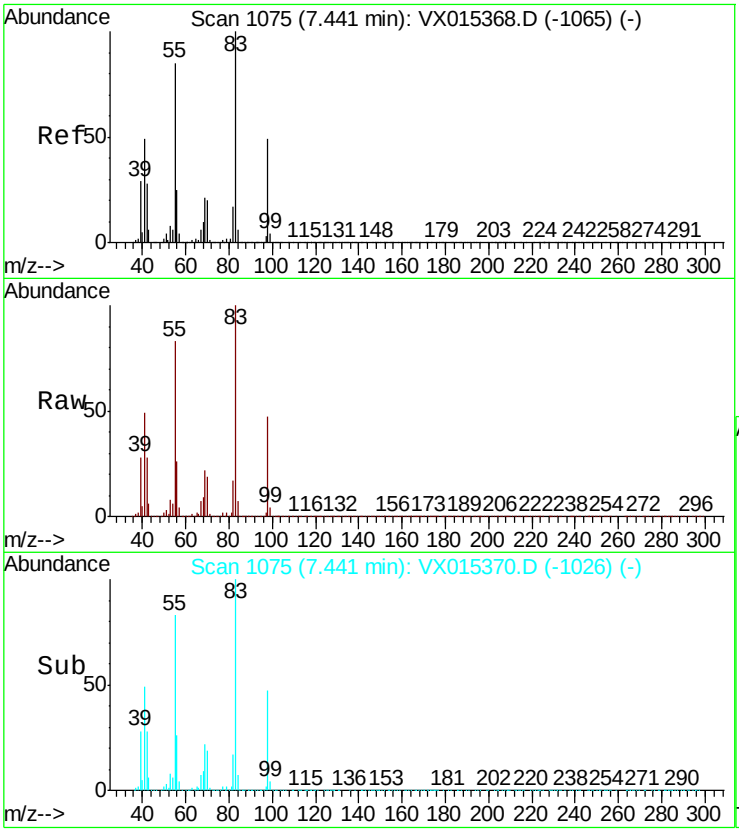


#38
Carbon Tetrachloride
Concen: 169.049 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:117 Resp: 2579685

Ion	Ratio	Lower	Upper
117	100		
119	93.5	78.0	117.0
121	29.7	23.8	35.8

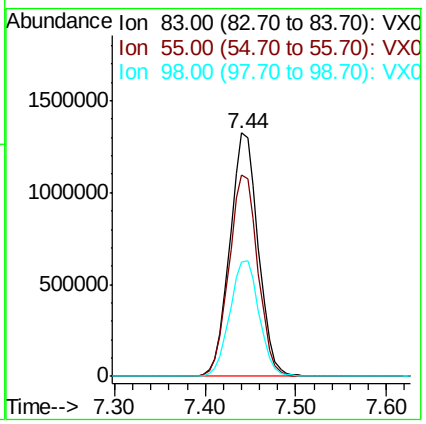




#39
Methylcyclohexane
Concen: 155.853 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 83 Resp: 2872031

Ion	Ratio	Lower	Upper
83	100		
55	82.6	67.8	101.6
98	47.2	39.3	58.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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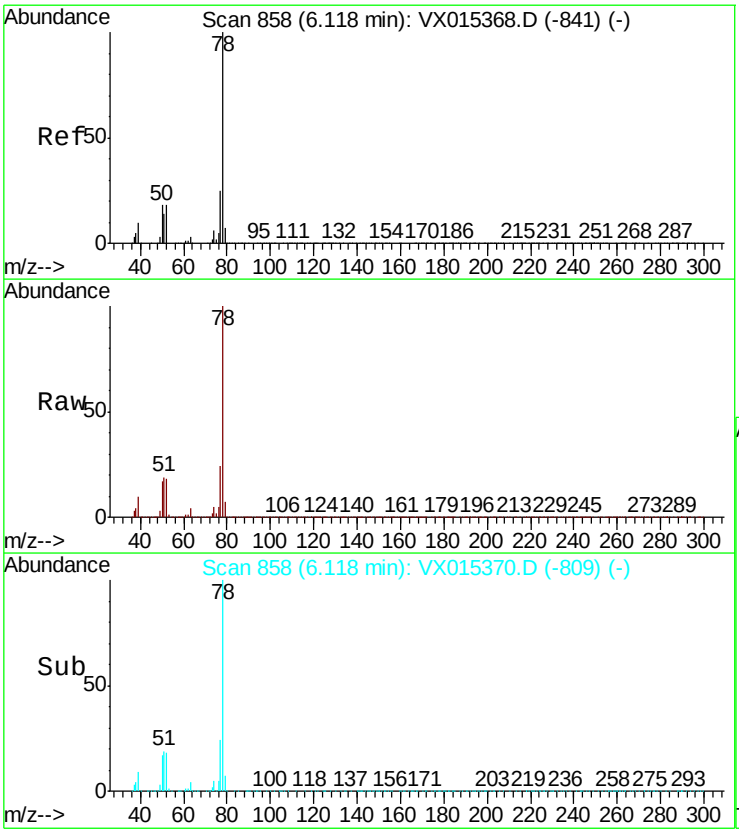
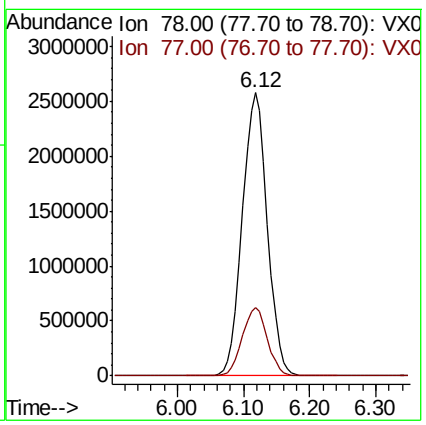
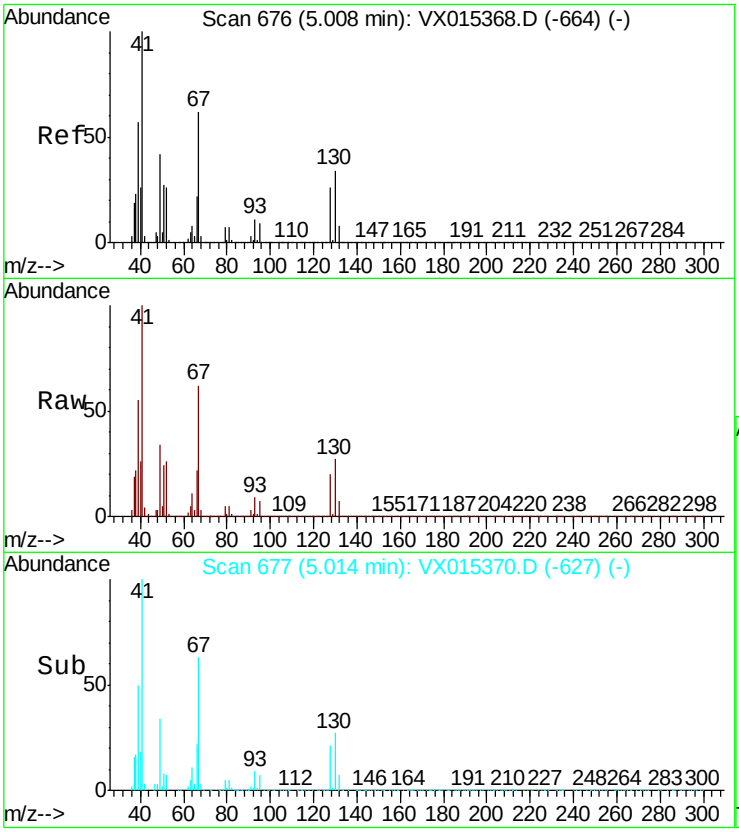


#40
Benzene
Concen: 139.105 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 78 Resp: 6768203

Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.8	29.8

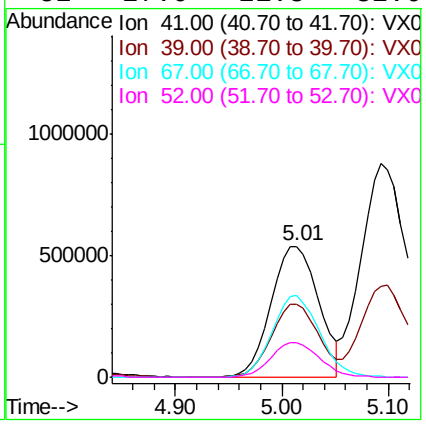




#41
Methacrylonitrile
Concen: 192.657 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 41 Resp: 1662188

Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.5	66.7
67	62.1	48.9	73.3
52	27.0	21.8	32.6



Instrument :
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ClientSampleId :
VSTDICC150

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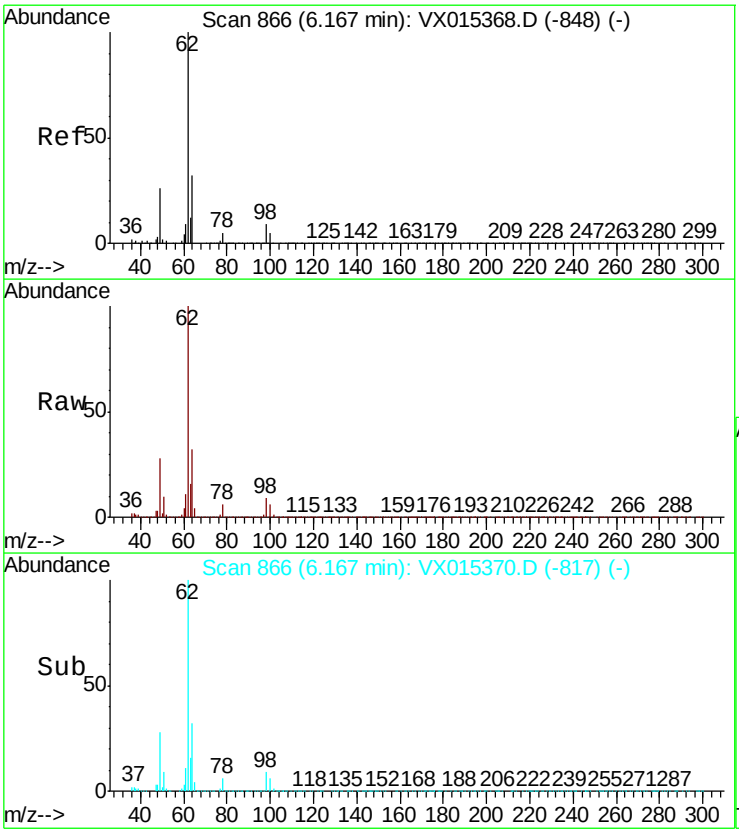
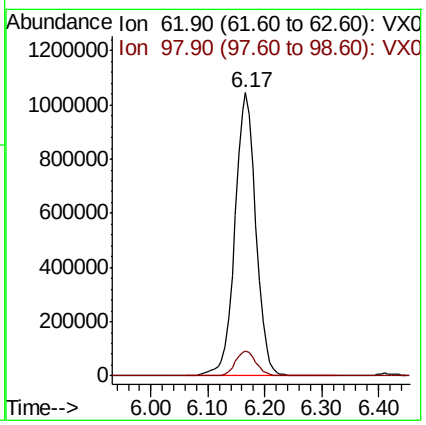
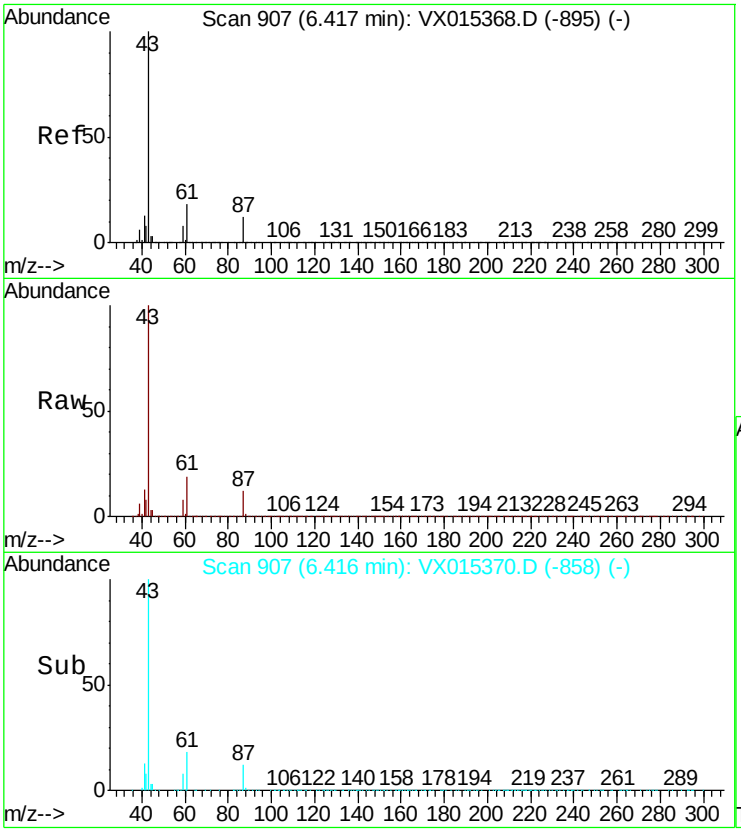


#42
1,2-Dichloroethane
Concen: 171.667 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 62 Resp: 2683971

Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.6

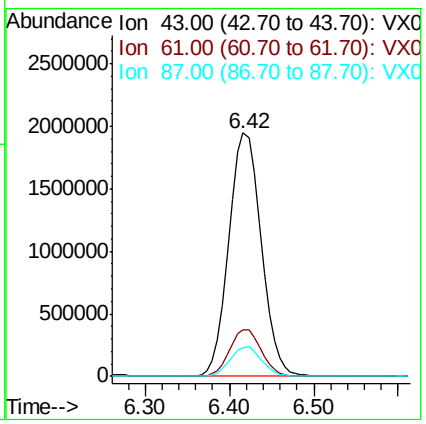




#43
Isopropyl Acetate
Concen: 204.719 ug/l
RT: 6.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp: 5044473

Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.8	22.2
87	11.8	9.4	14.0



Instrument :
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ClientSampleId :
VSTDICC150

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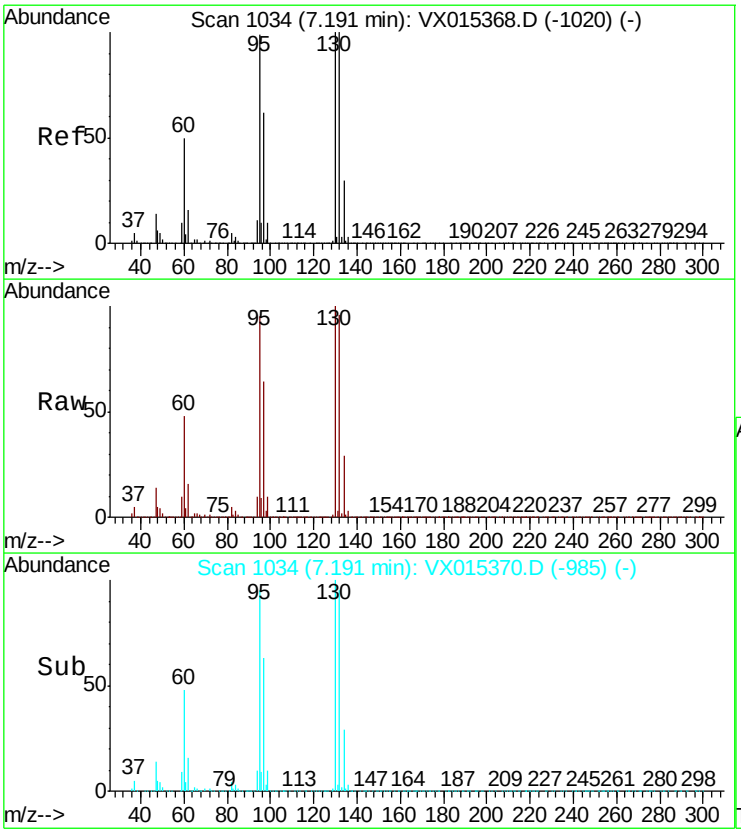
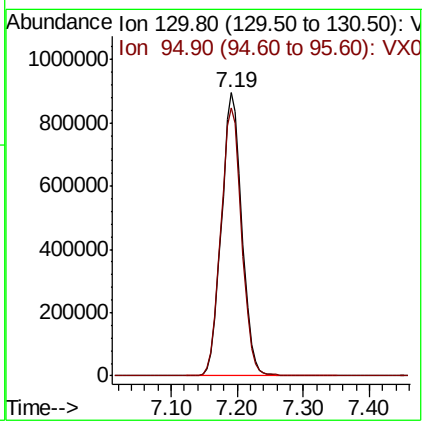
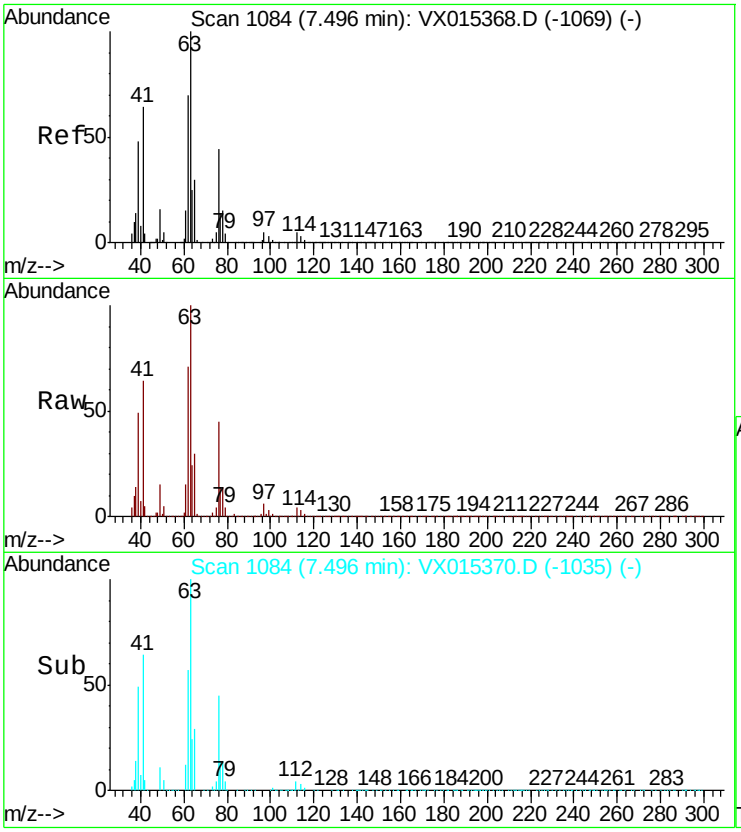


#44
Trichloroethene
Concen: 143.101 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:130 Resp: 1907741

Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	199.0





#45
1,2-Dichloropropane
Concen: 156.688 ug/l
RT: 7.50 min Scan# 1084
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 63 Resp: 1841125

Ion	Ratio	Lower	Upper
63	100		
65	29.9	23.9	35.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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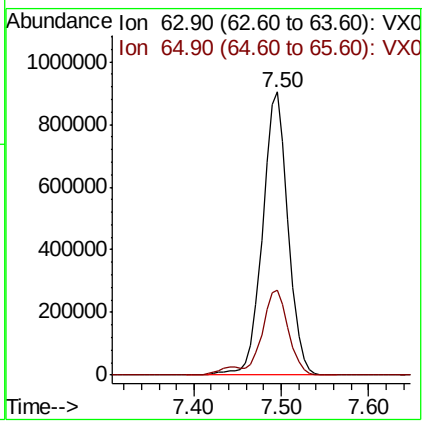
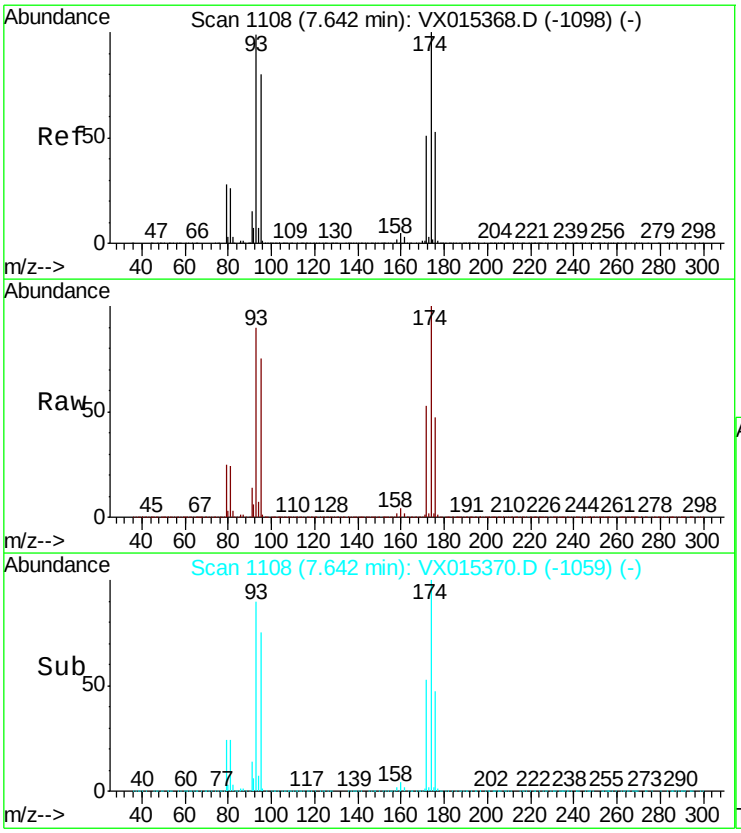
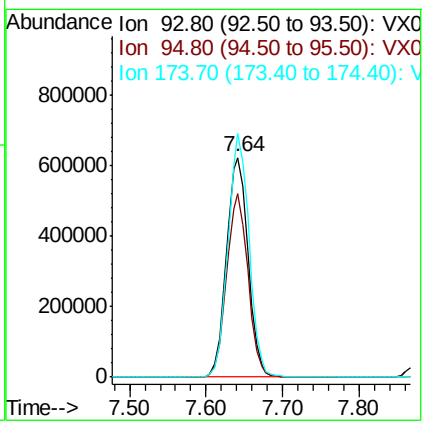


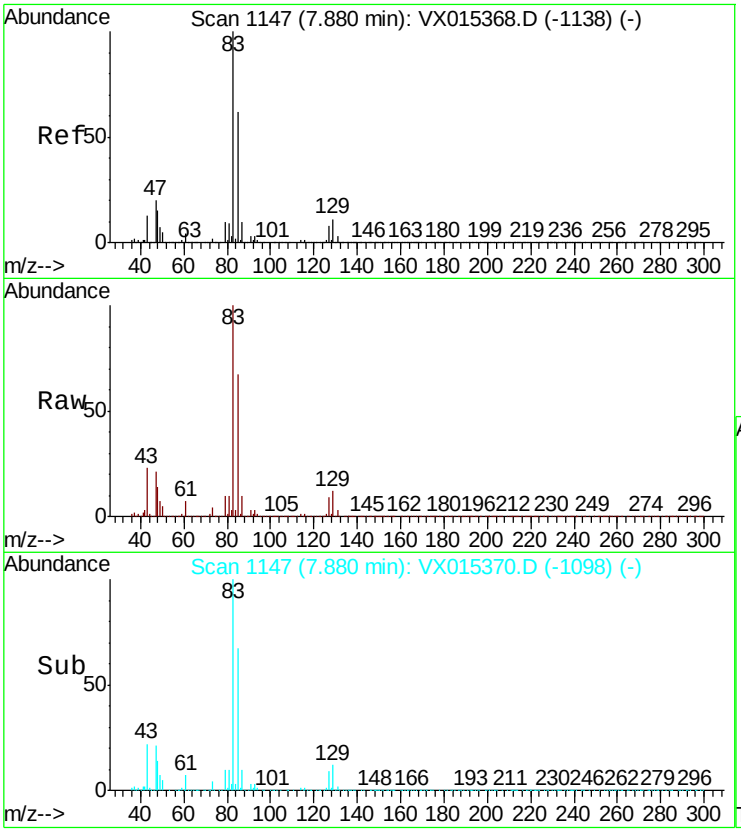


#46
Dibromomethane
Concen: 147.481 ug/l
RT: 7.64 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 93 Resp: 1211914

Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.8	98.8
174	108.6	86.2	129.2

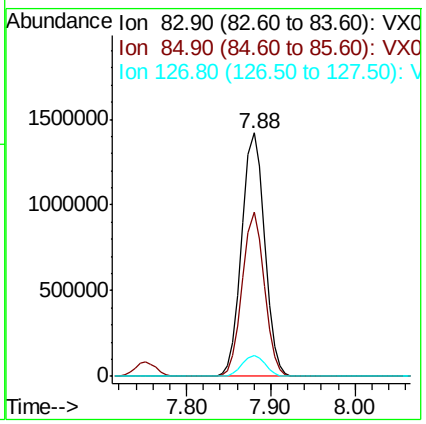




#47
Bromodichloromethane
Concen: 164.669 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 83 Resp: 2584806

Ion	Ratio	Lower	Upper
83	100		
85	67.2	49.7	74.5
127	8.7	6.7	10.1



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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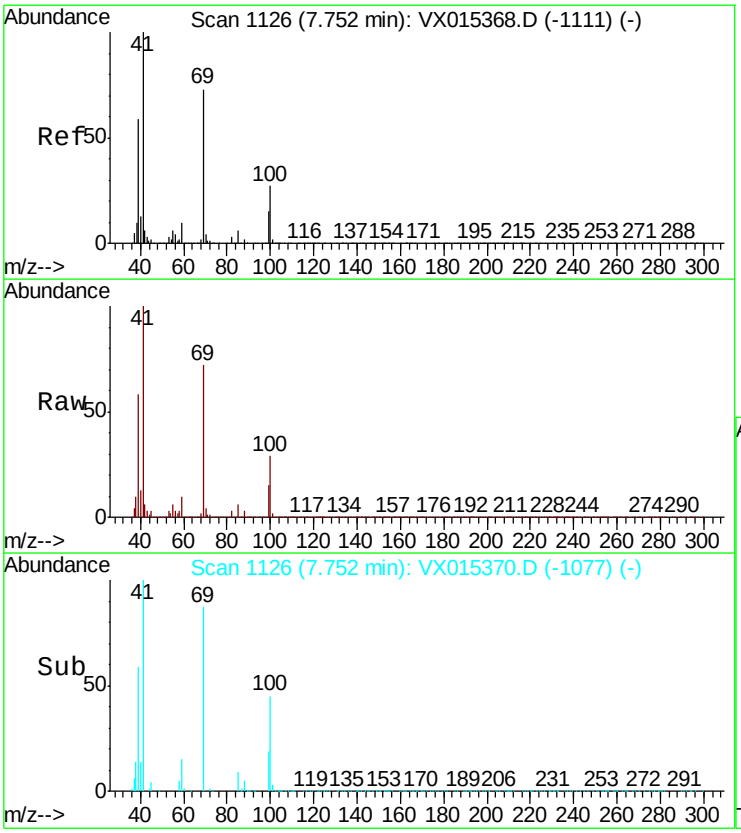
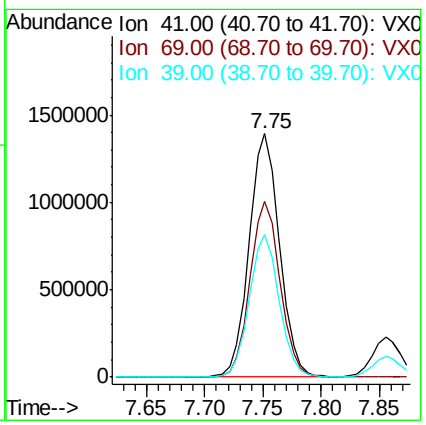
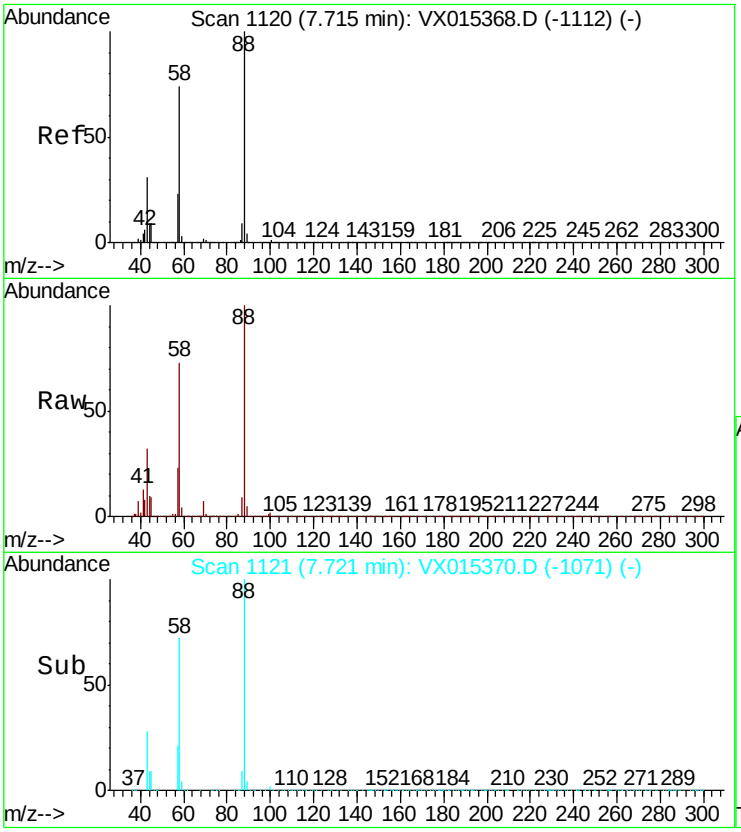


#48
Methyl methacrylate
Concen: 213.157 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 41 Resp: 2522804

Ion	Ratio	Lower	Upper
41	100		
69	71.7	56.7	85.1
39	57.7	46.5	69.7

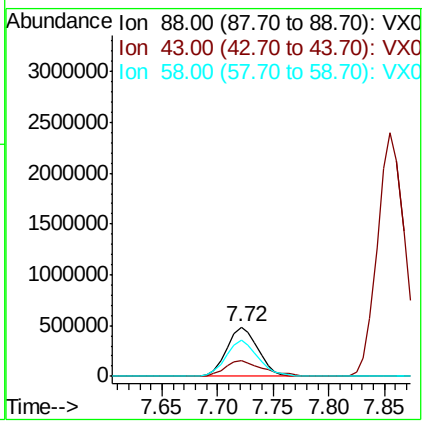




#49
1,4-Dioxane
Concen: 3131.403 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 88 Resp: 943111

Ion	Ratio	Lower	Upper
88	100		
43	37.8	30.1	45.1
58	74.7	60.6	90.8



Instrument :
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ClientSampleId :
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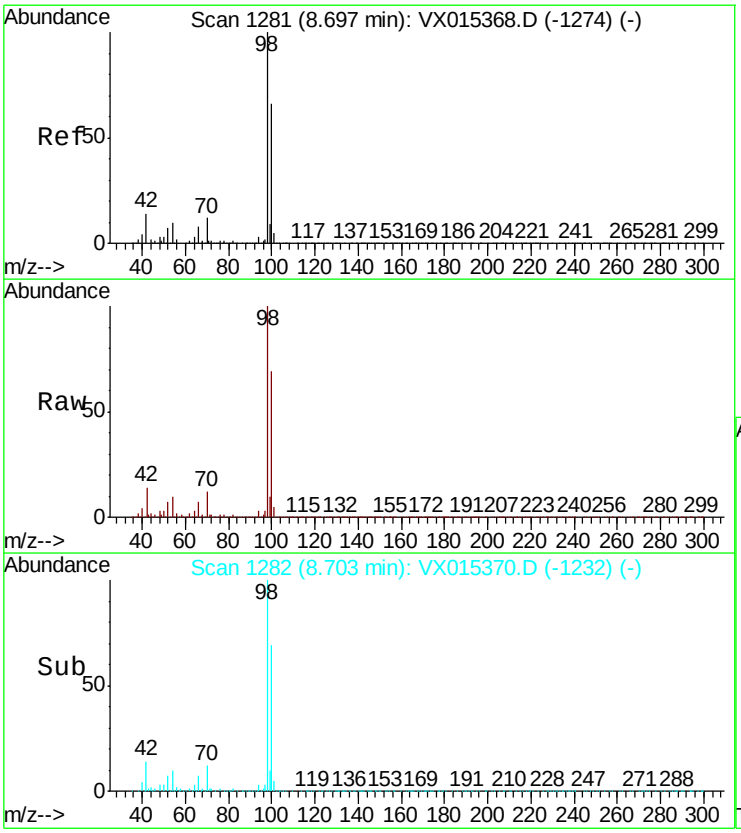
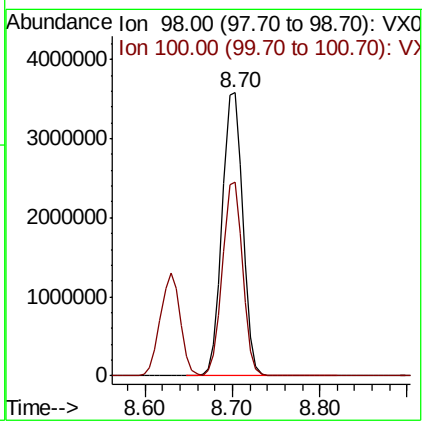
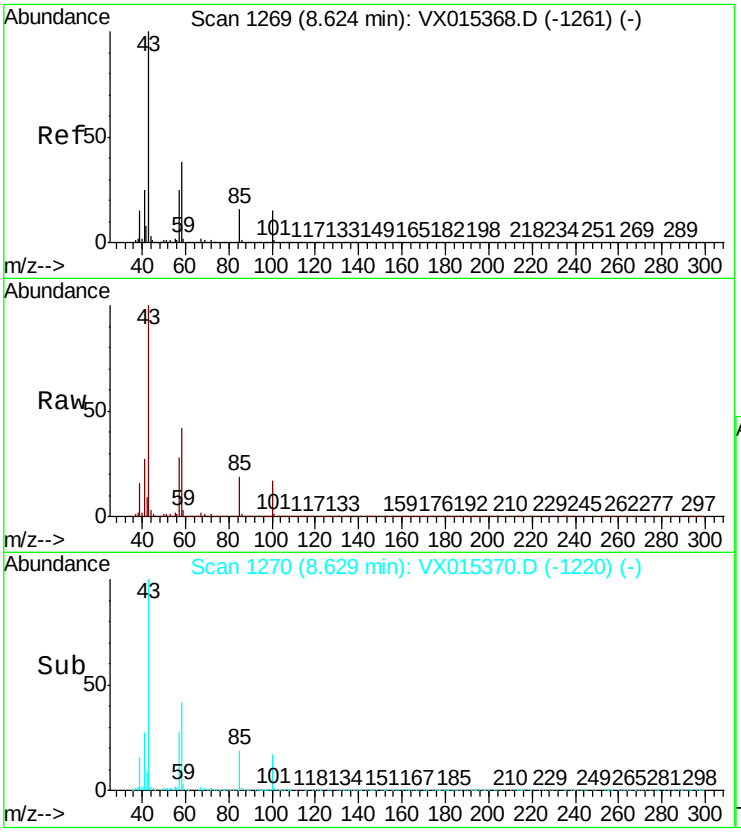


#50
Toluene-d8
Concen: 144.306 ug/l
RT: 8.70 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 98 Resp: 5846955

Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.5	80.3

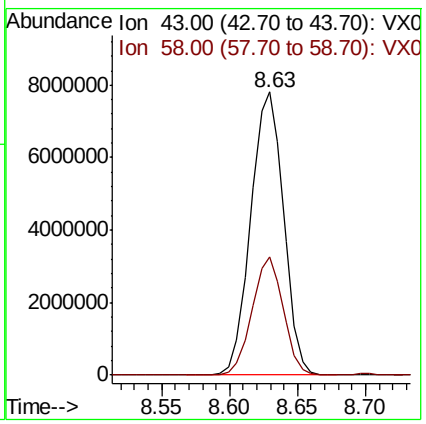




#51
4-Methyl-2-Pentanone
Concen: 888.006 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp:13235611

Ion	Ratio	Lower	Upper
43	100		
58	39.5	29.7	44.5



Instrument :
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ClientSampleId :
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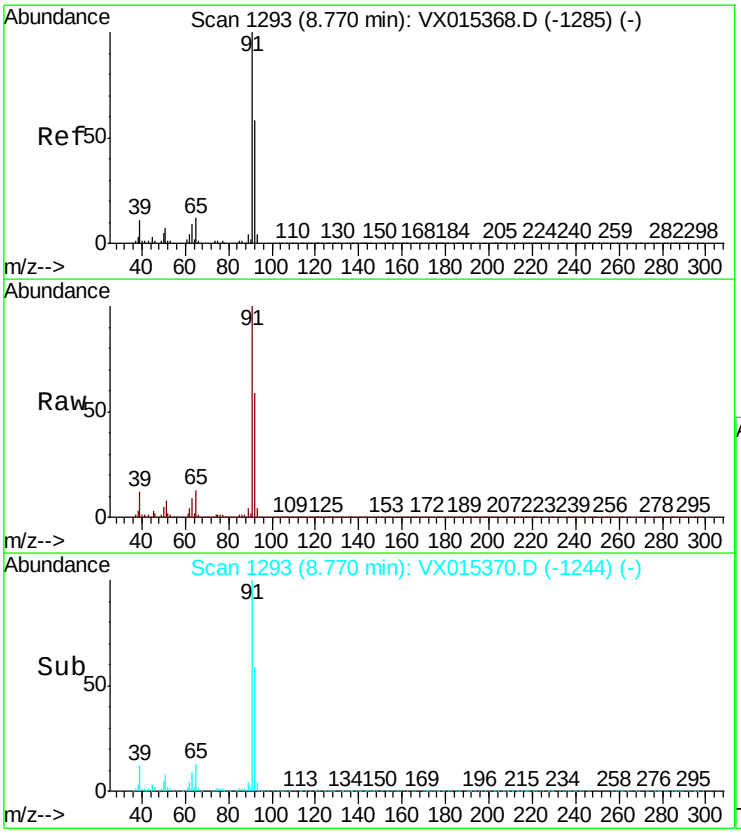
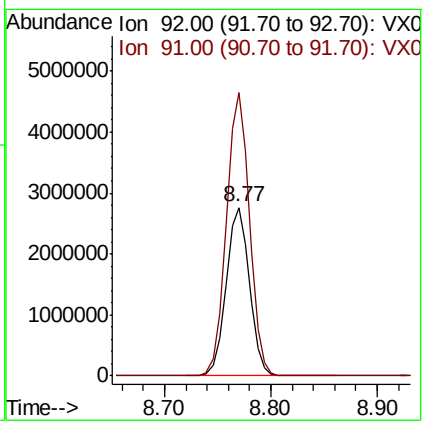
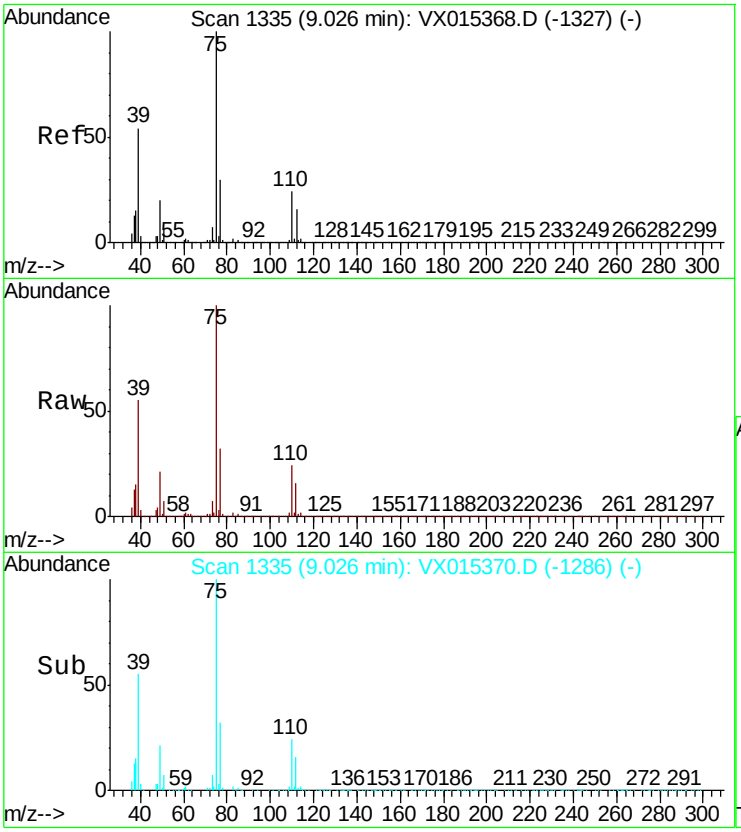


#52
Toluene
Concen: 140.964 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 92 Resp: 4203708

Ion	Ratio	Lower	Upper
92	100		
91	168.0	136.6	205.0

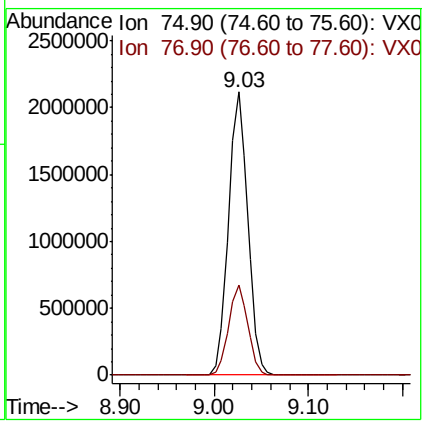




#53
t-1,3-Dichloropropene
Concen: 176.636 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 75 Resp: 3011797

Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.1	36.1



Instrument :
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ClientSampleId :
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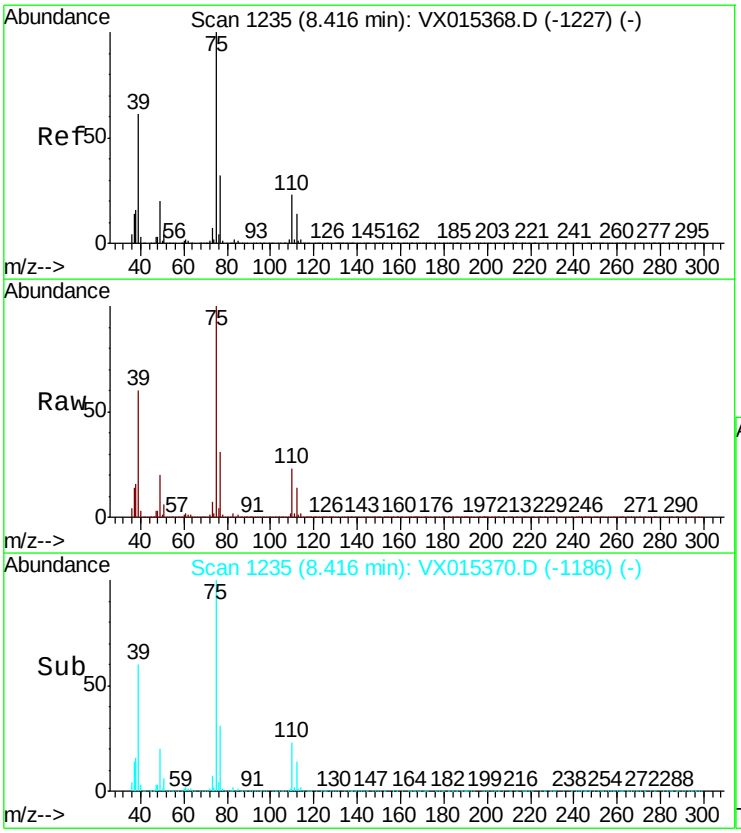
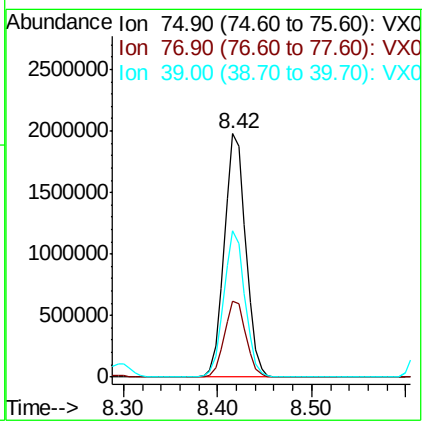
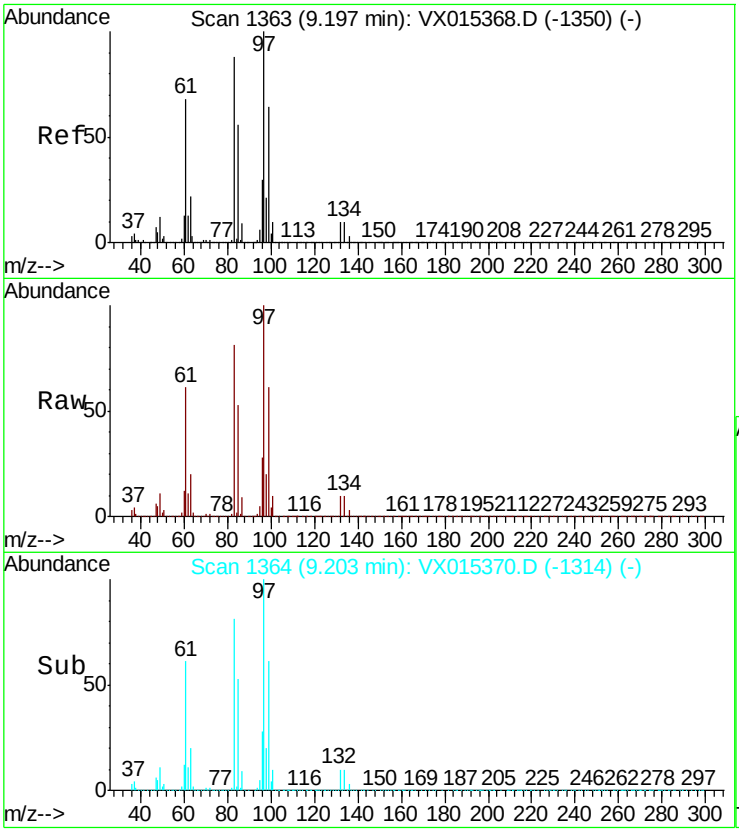


#54
cis-1,3-Dichloropropene
Concen: 164.687 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 75 Resp: 3118776

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.8	38.6
39	60.3	49.0	73.4

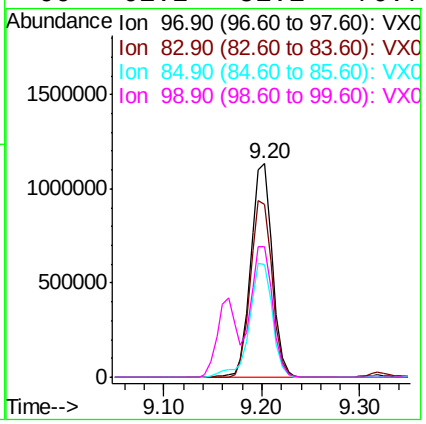




#55
1,1,2-Trichloroethane
Concen: 134.526 ug/l
RT: 9.20 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 97 Resp: 1717136

Ion	Ratio	Lower	Upper
97	100		
83	81.0	70.2	105.4
85	52.5	44.7	67.1
99	61.2	51.1	76.7



Instrument :
MSVOA_X
ClientSampleId :
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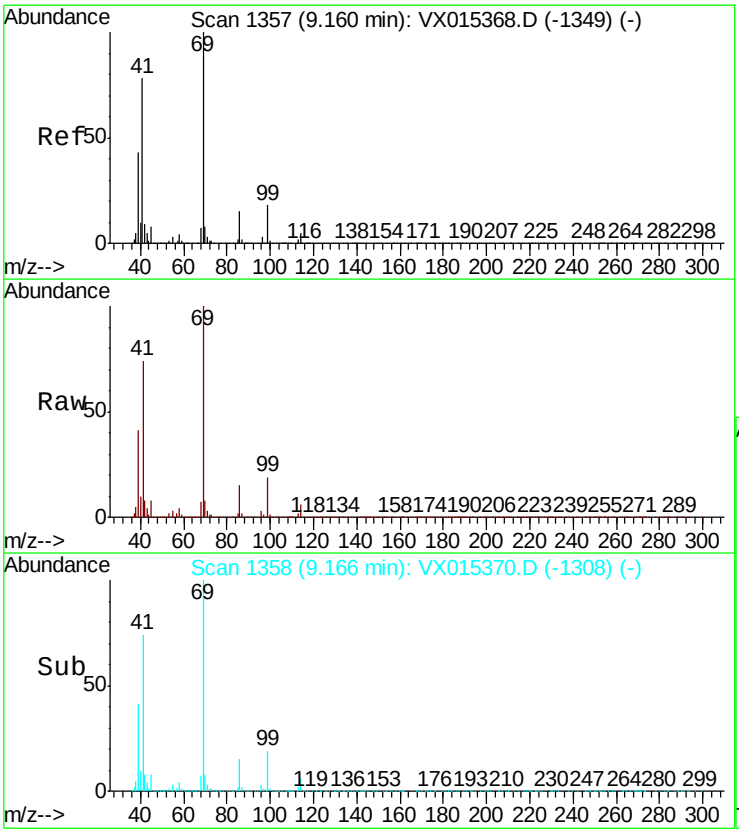
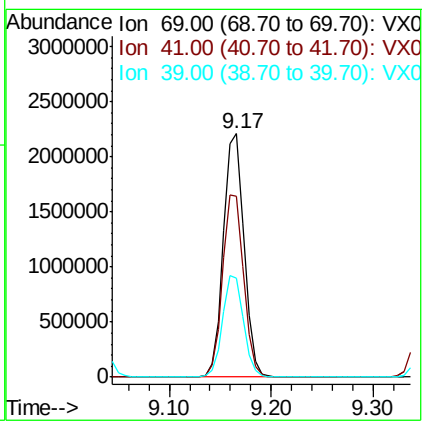
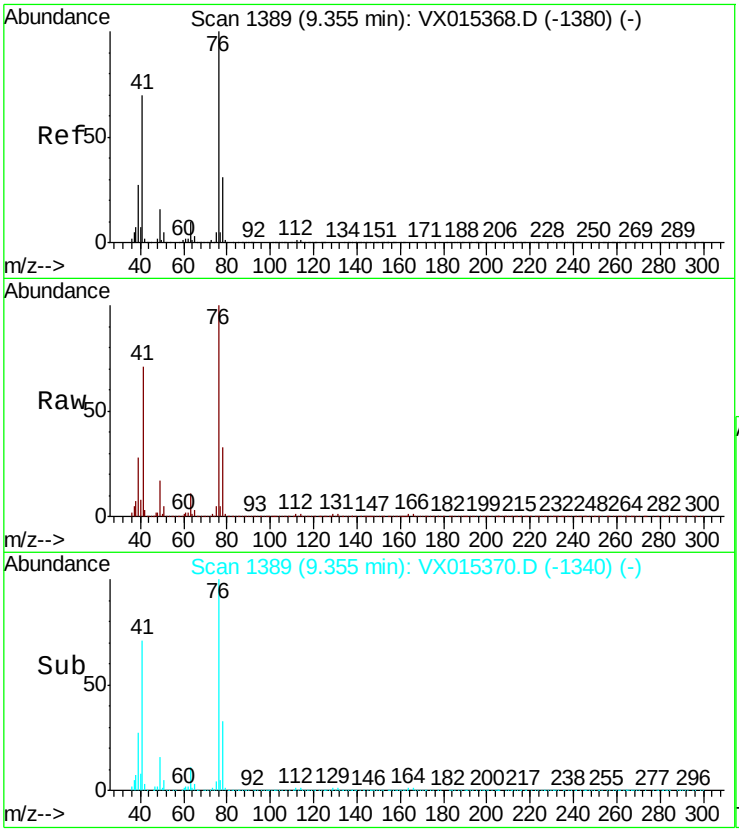


#56
Ethyl methacrylate
Concen: 177.909 ug/l
RT: 9.17 min Scan# 1358
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 69 Resp: 3087540

Ion	Ratio	Lower	Upper
69	100		
41	76.5	61.6	92.4
39	42.1	34.0	51.0

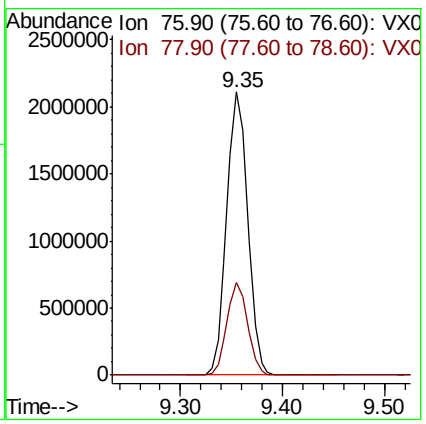




#57
1,3-Dichloropropane
Concen: 141.749 ug/l
RT: 9.35 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 76 Resp: 3003094

Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
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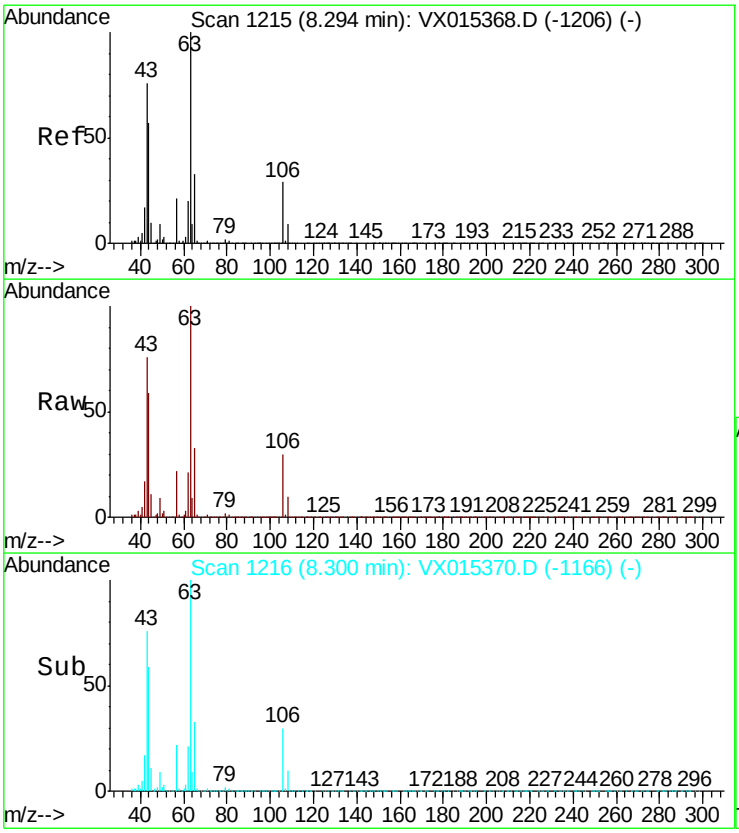
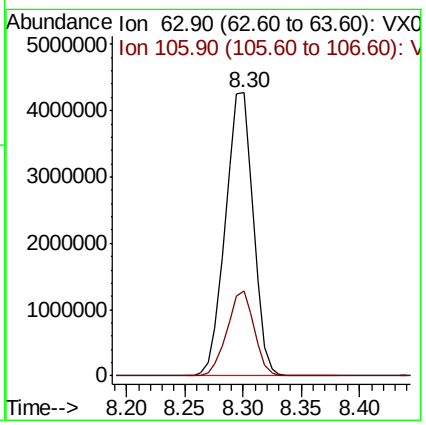
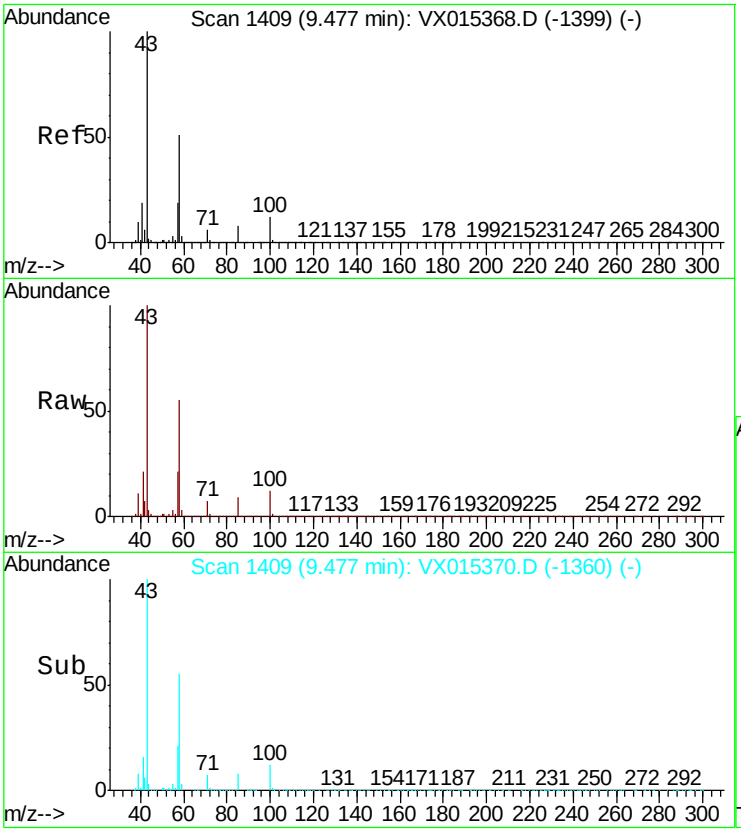


#58
2-Chloroethyl Vinyl ether
Concen: 734.528 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 63 Resp: 7123648

Ion	Ratio	Lower	Upper
63	100		
106	29.0	22.7	34.1

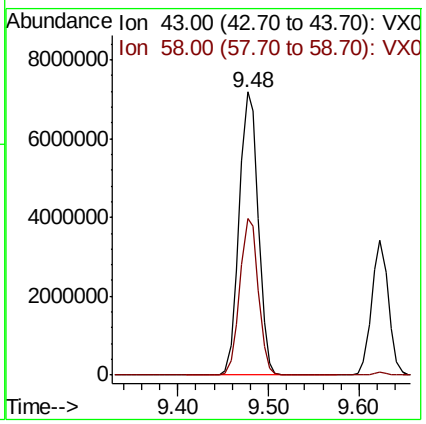




#59
2-Hexanone
Concen: 938.680 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp:10442545

Ion	Ratio	Lower	Upper
43	100		
58	53.9	25.6	76.6



Instrument :
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ClientSampleId :
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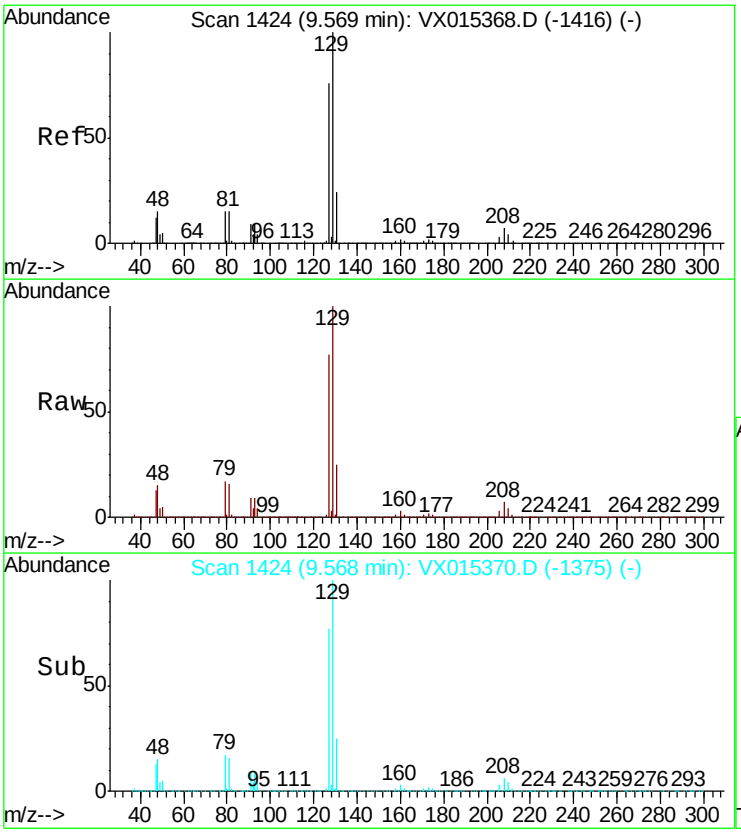
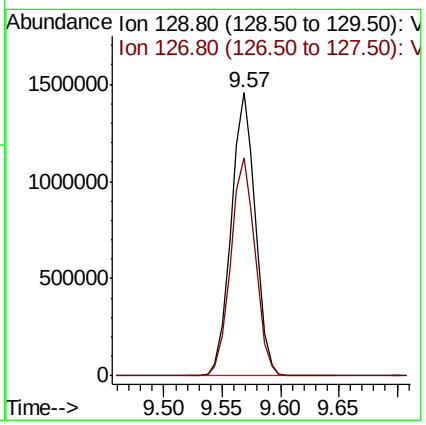
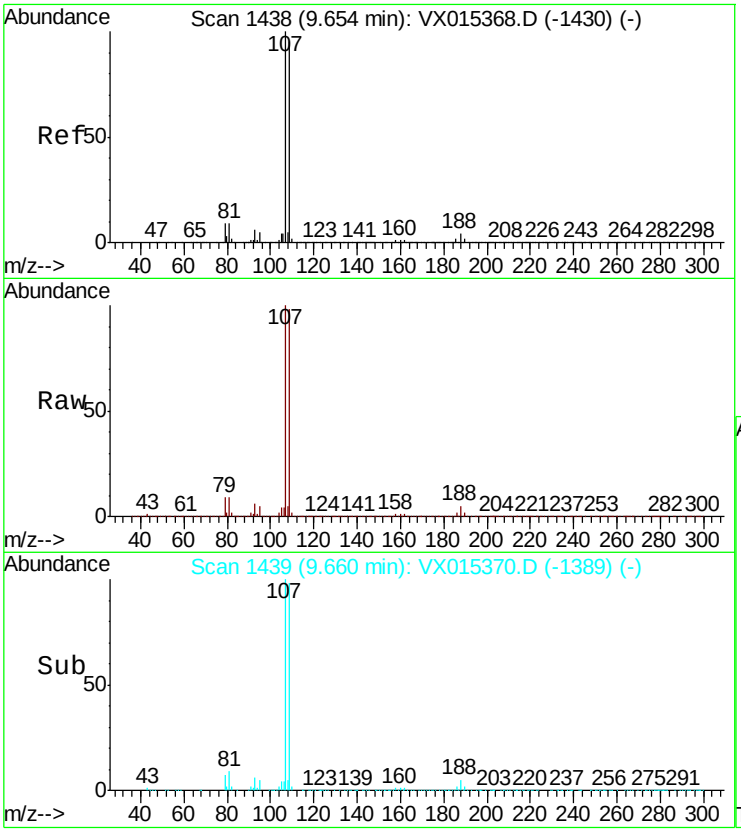


#60
Dibromochloromethane
Concen: 164.090 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:129 Resp: 2104545

Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.2	114.6

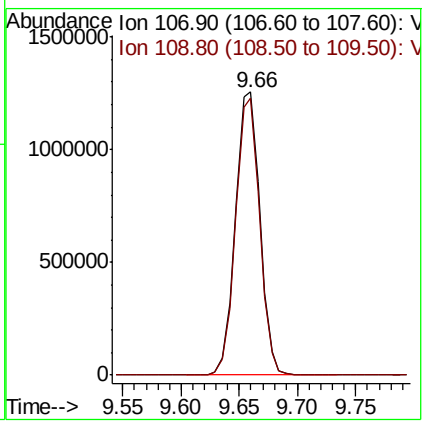




#61
1,2-Dibromoethane
Concen: 141.097 ug/l
RT: 9.66 min Scan# 1439
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:107 Resp: 1842980

Ion	Ratio	Lower	Upper
107	100		
109	96.1	74.8	112.2



Instrument :
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ClientSampleId :
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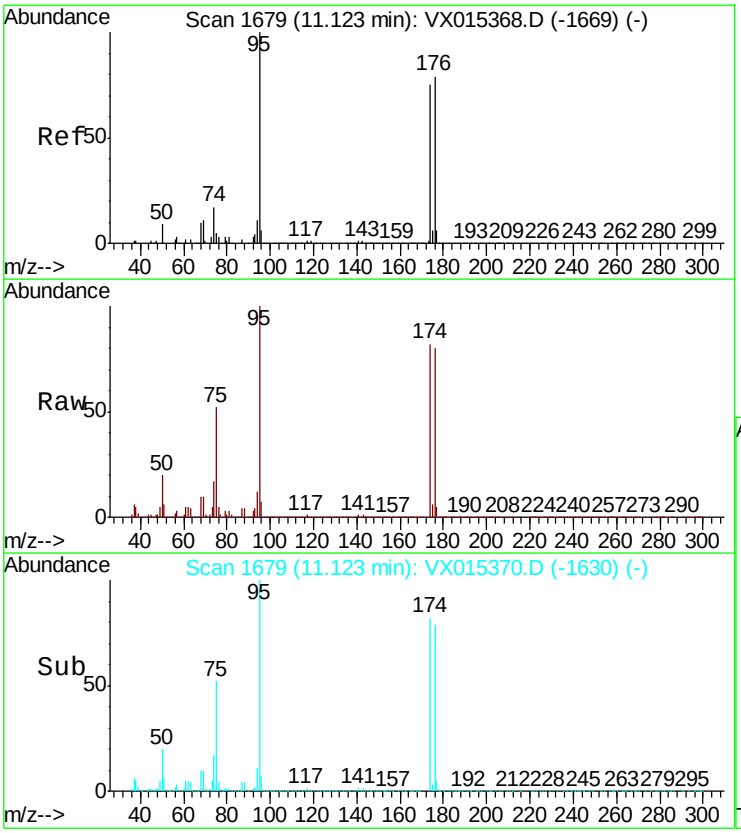
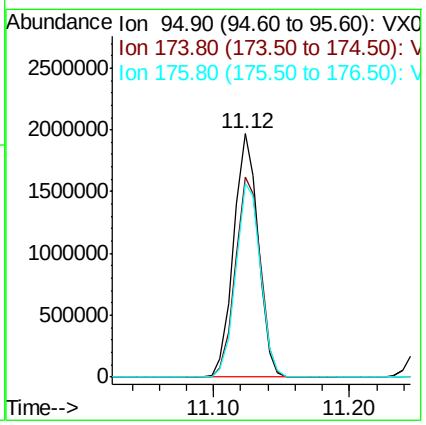
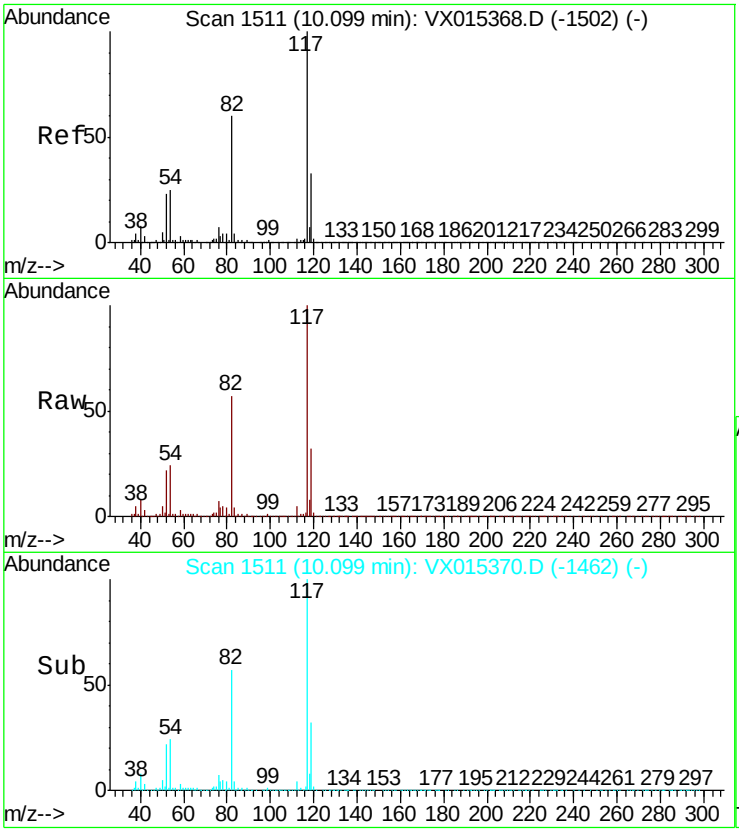


#62
4-Bromofluorobenzene
Concen: 157.613 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 95 Resp: 2465837

Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	158.6
176	80.0	0.0	159.0

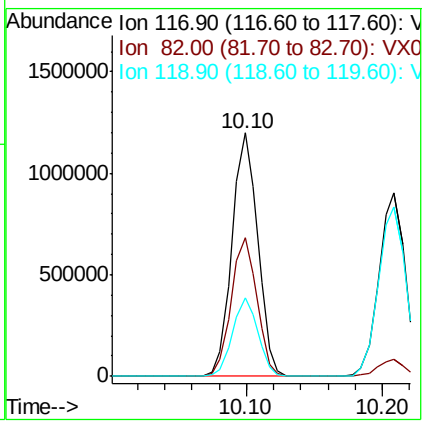




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:117 Resp: 1577389

Ion	Ratio	Lower	Upper
117	100		
82	56.7	47.8	71.8
119	32.4	26.8	40.2



Instrument :
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ClientSampleId :
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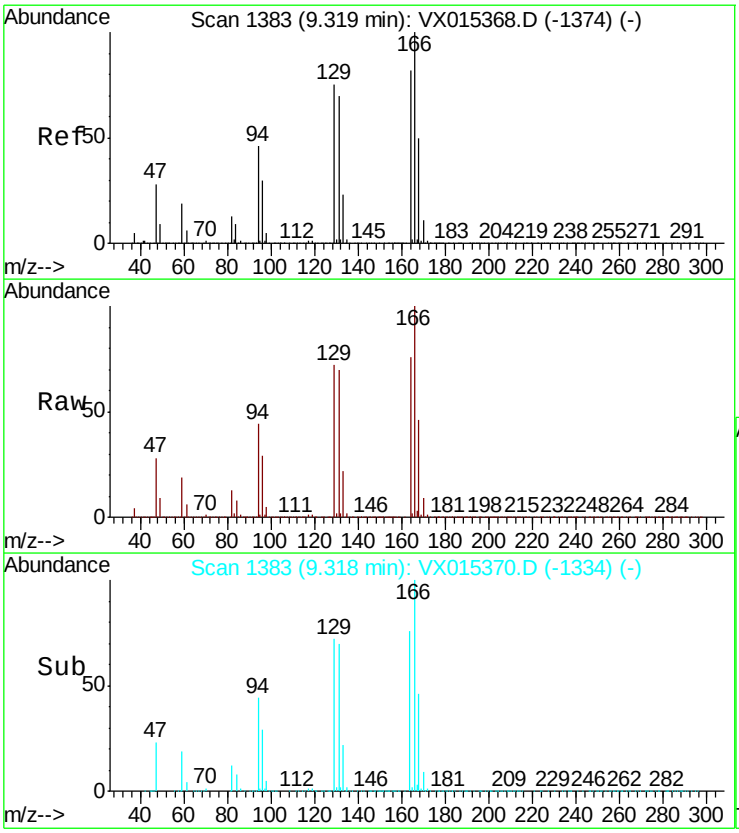
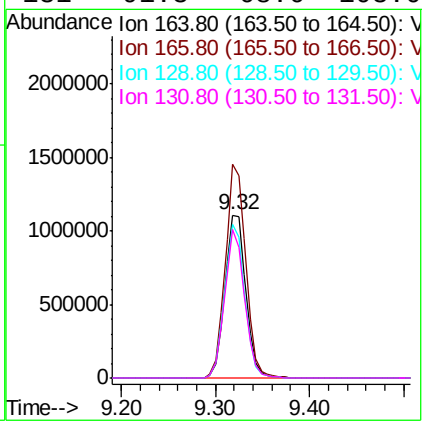
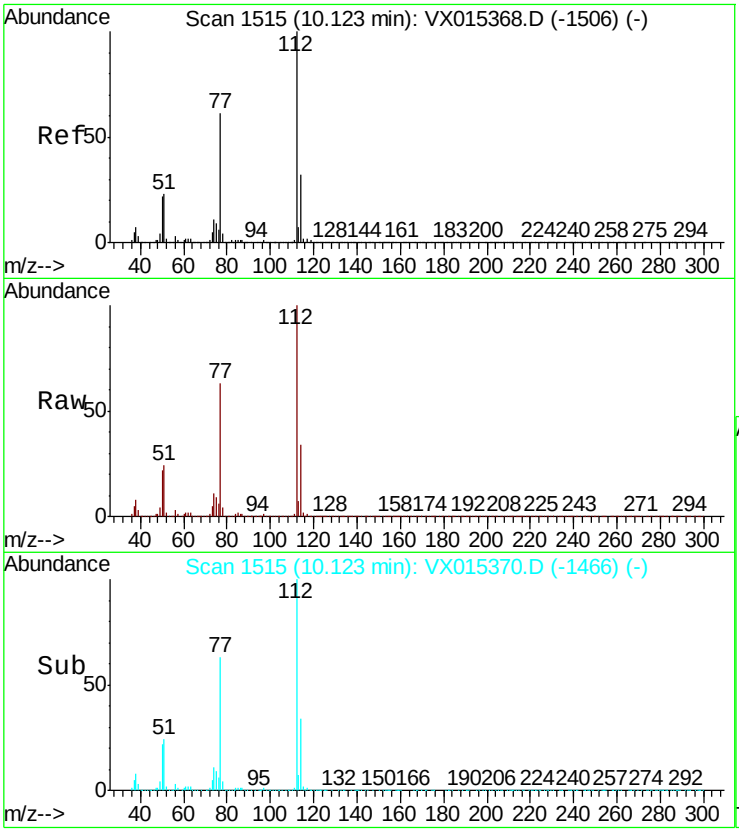


#64
Tetrachloroethene
Concen: 149.988 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:164 Resp: 1702116

Ion	Ratio	Lower	Upper
164	100		
166	131.0	97.8	146.6
129	94.3	73.0	109.4
131	91.3	68.6	103.0

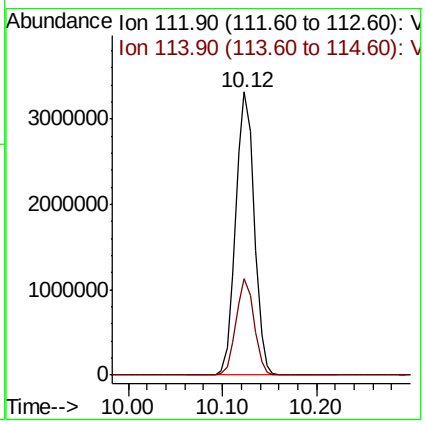




#65
Chlorobenzene
Concen: 138.328 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:112 Resp: 4544500

Ion	Ratio	Lower	Upper
112	100		
114	34.2	25.5	38.3



Instrument :
MSVOA_X
ClientSampleId :
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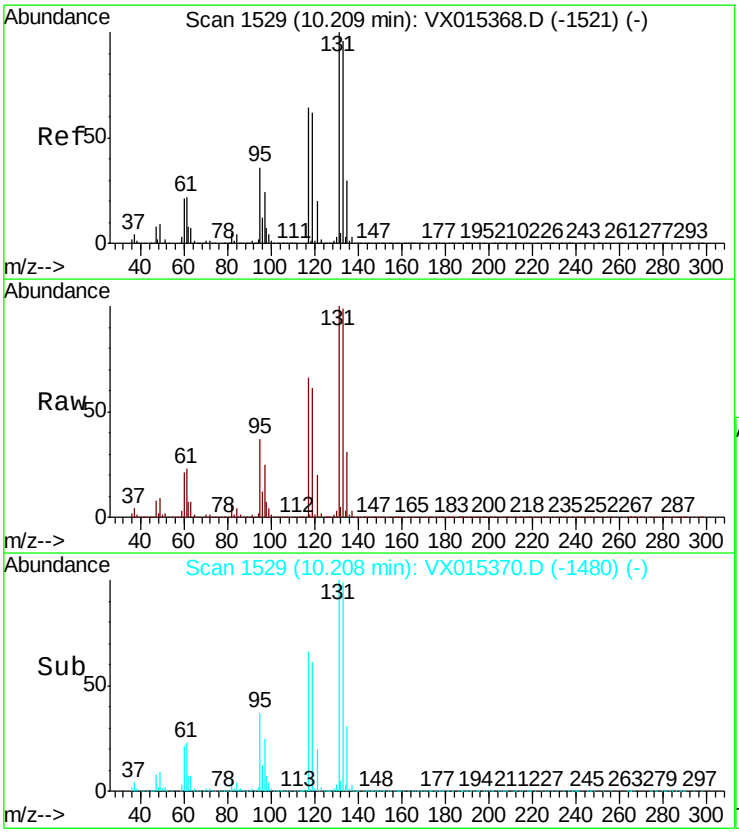
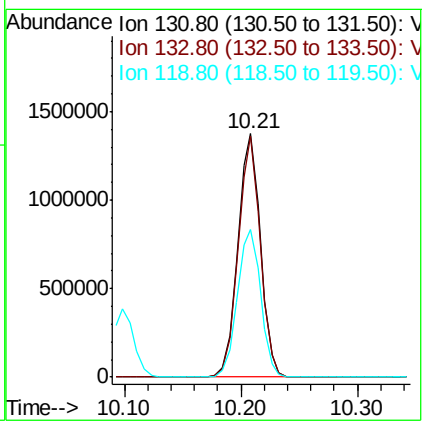
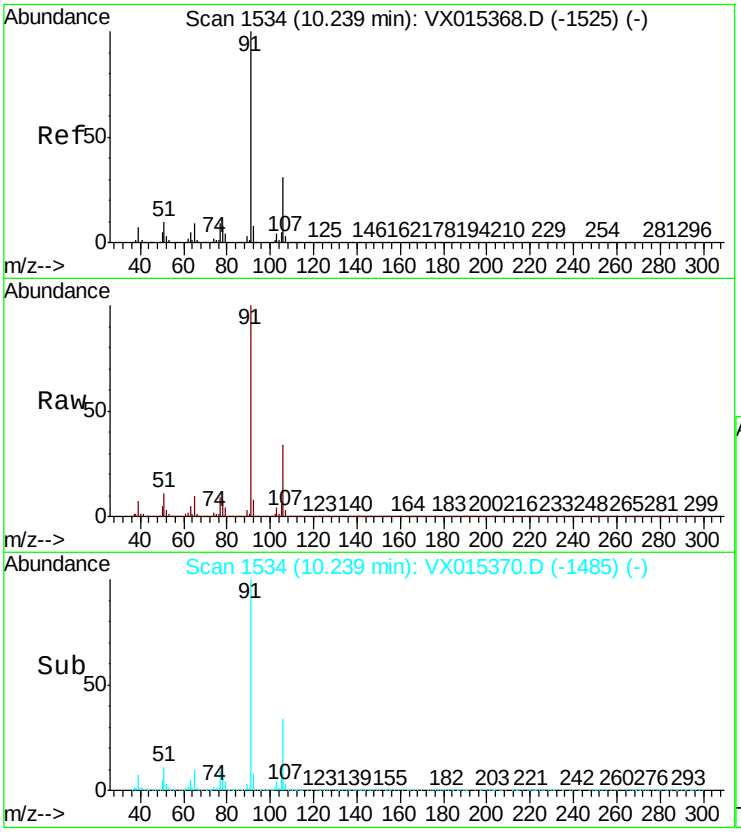


#66
1,1,1,2-Tetrachloroethane
Concen: 152.308 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:131 Resp: 1852001

Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.6	142.9
119	62.6	31.1	93.3





#67
Ethyl Benzene
Concen: 142.857 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 91 Resp: 7982480

Ion	Ratio	Lower	Upper
91	100		
106	33.5	24.8	37.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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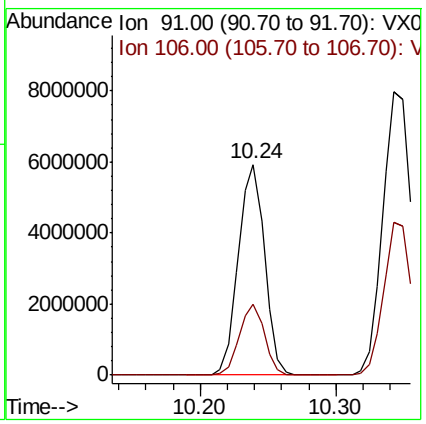
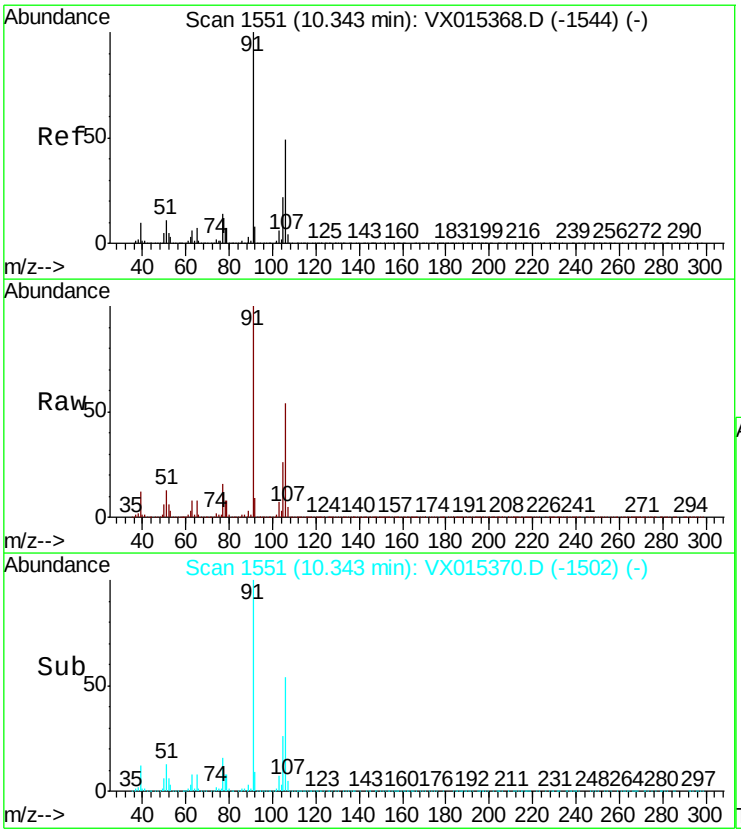
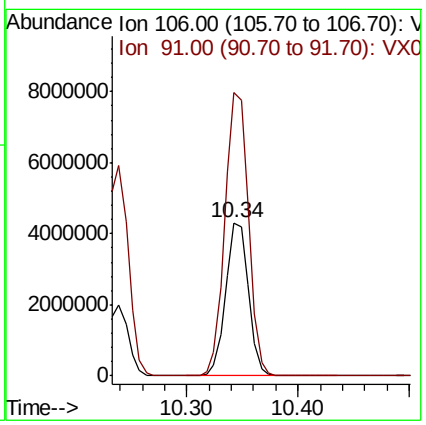


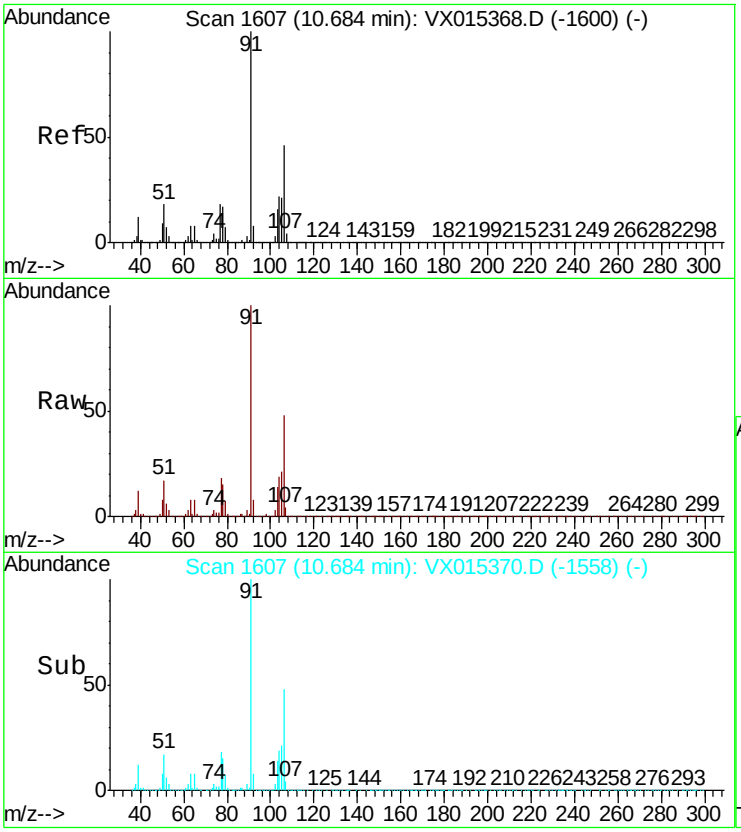


#68
m/p-Xylenes
Concen: 286.476 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:106 Resp: 6062487

Ion	Ratio	Lower	Upper
106	100		
91	192.2	163.4	245.0





#69
o-Xylene
Concen: 148.177 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:106 Resp: 3048203

Ion	Ratio	Lower	Upper
106	100		
91	209.3	107.1	321.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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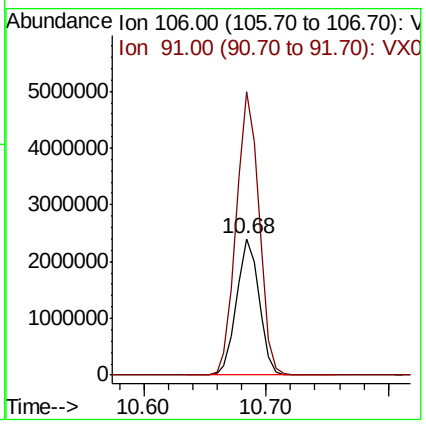
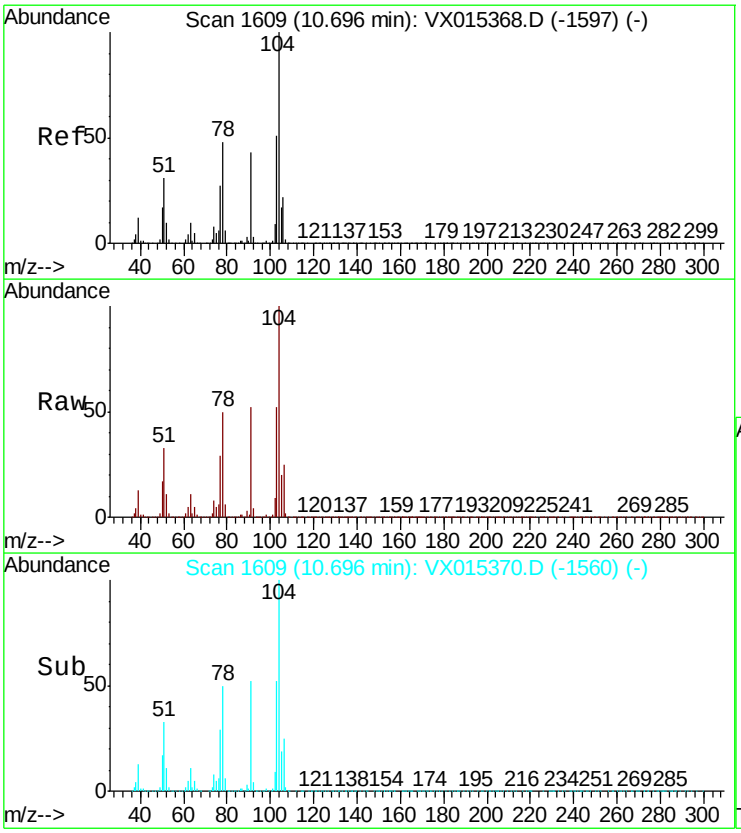
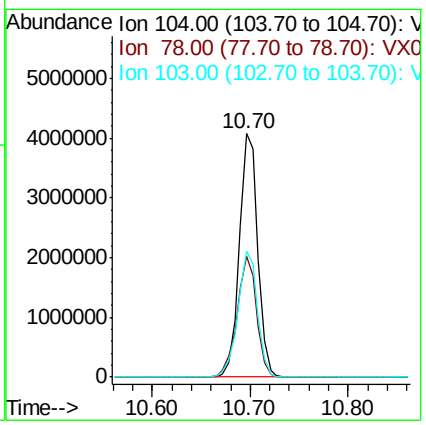


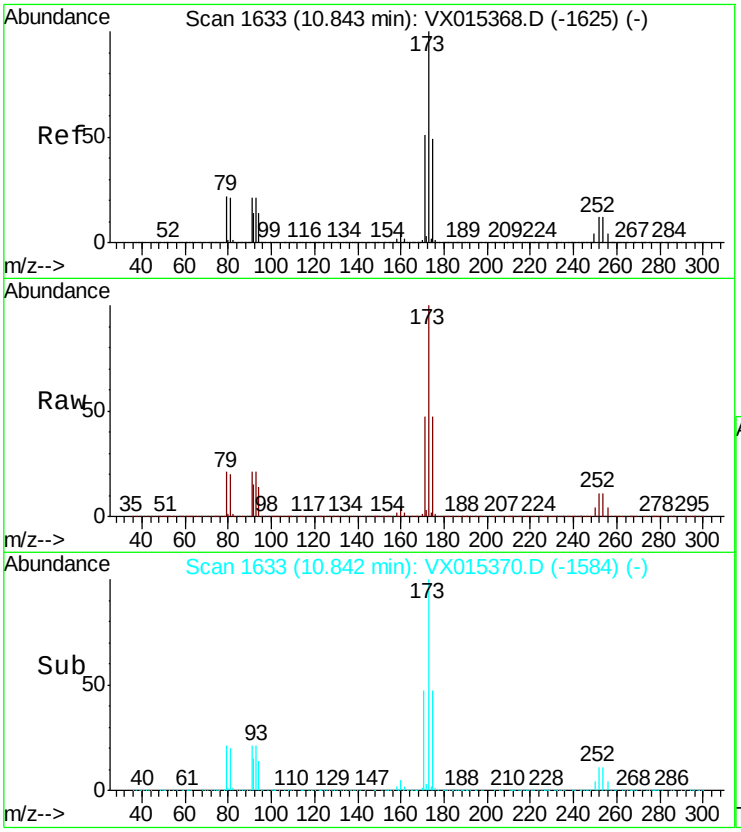


#70
Styrene
Concen: 153.393 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:104 Resp: 5273024

Ion	Ratio	Lower	Upper
104	100		
78	52.9	42.0	63.0
103	55.0	43.4	65.0

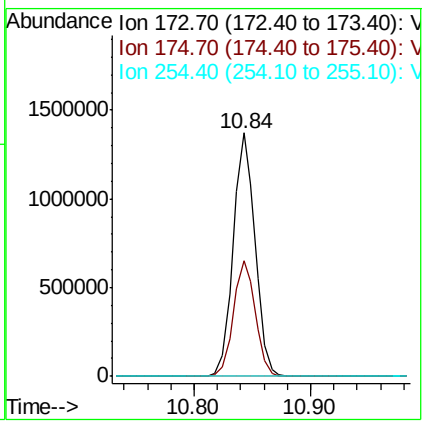




#71
Bromoform
Concen: 211.966 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:173 Resp: 1782100

Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.9	71.7
254	0.2	0.1	0.1#



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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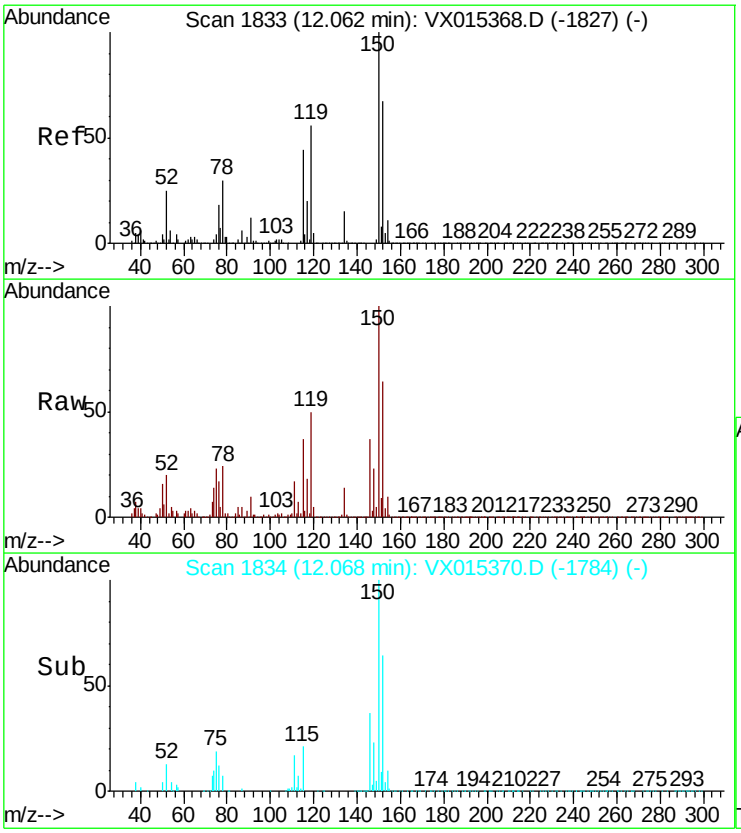
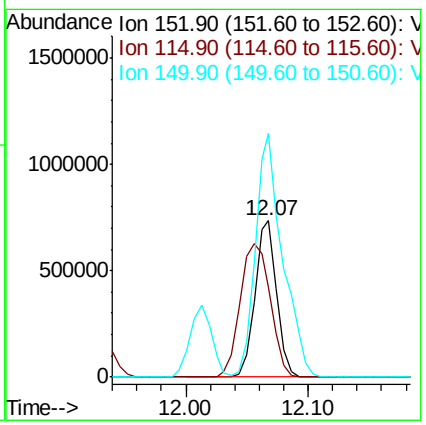
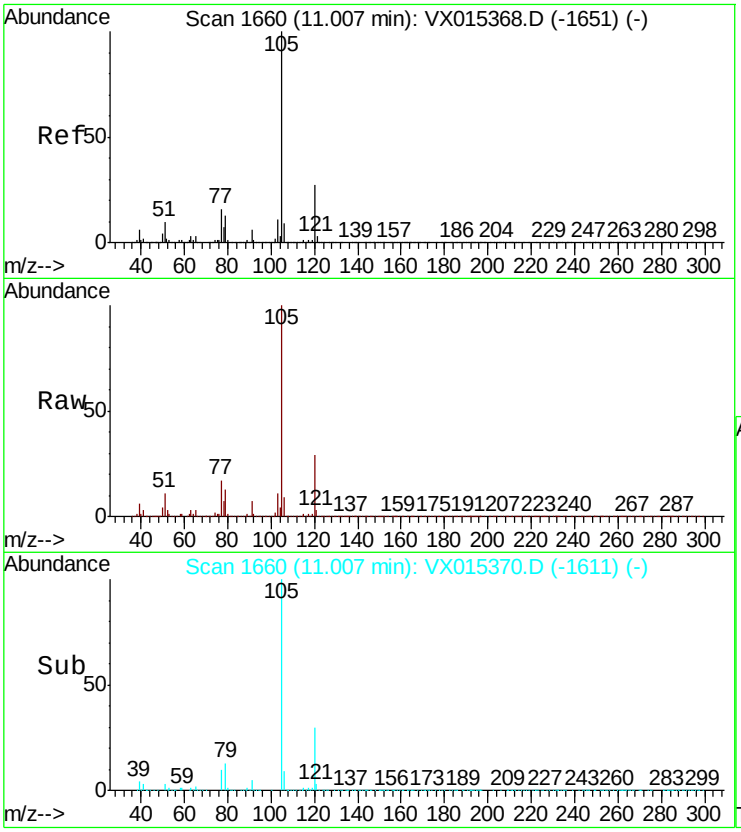


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:152 Resp: 901805

Ion	Ratio	Lower	Upper
152	100		
115	118.8	39.0	116.9#
150	196.6	0.0	340.8





#73
Isopropylbenzene
Concen: 118.920 ug/l
RT: 11.01 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:105 Resp: 7816103

Ion	Ratio	Lower	Upper
105	100		
120	28.0	13.2	39.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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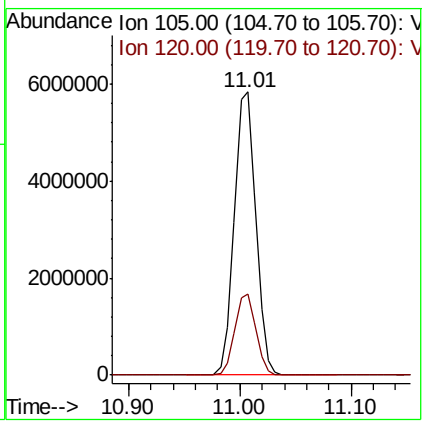
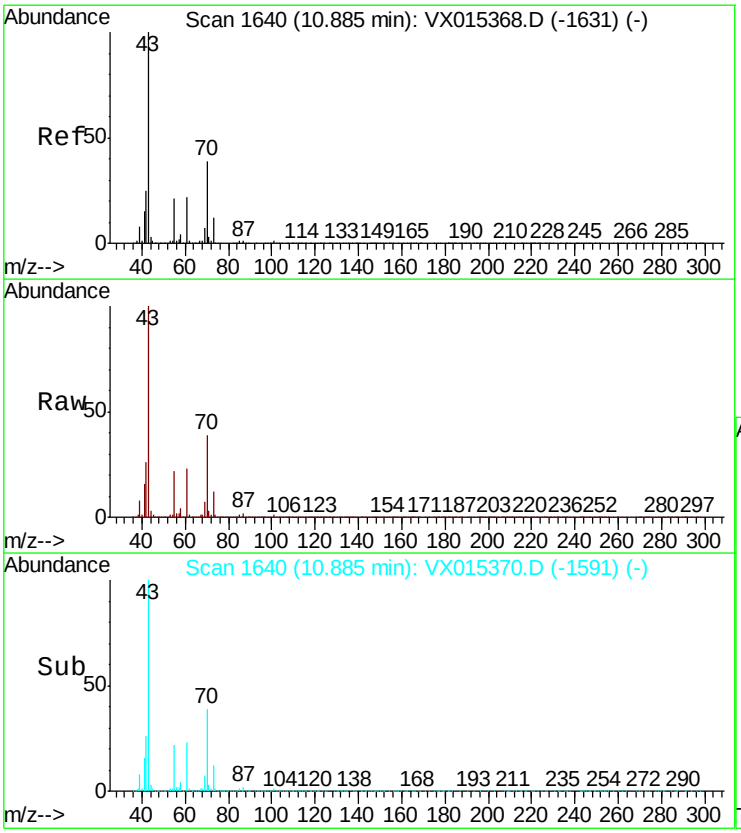
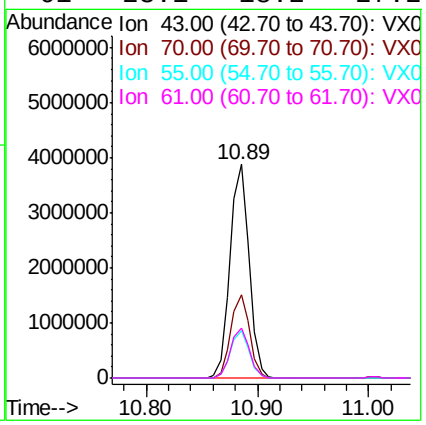


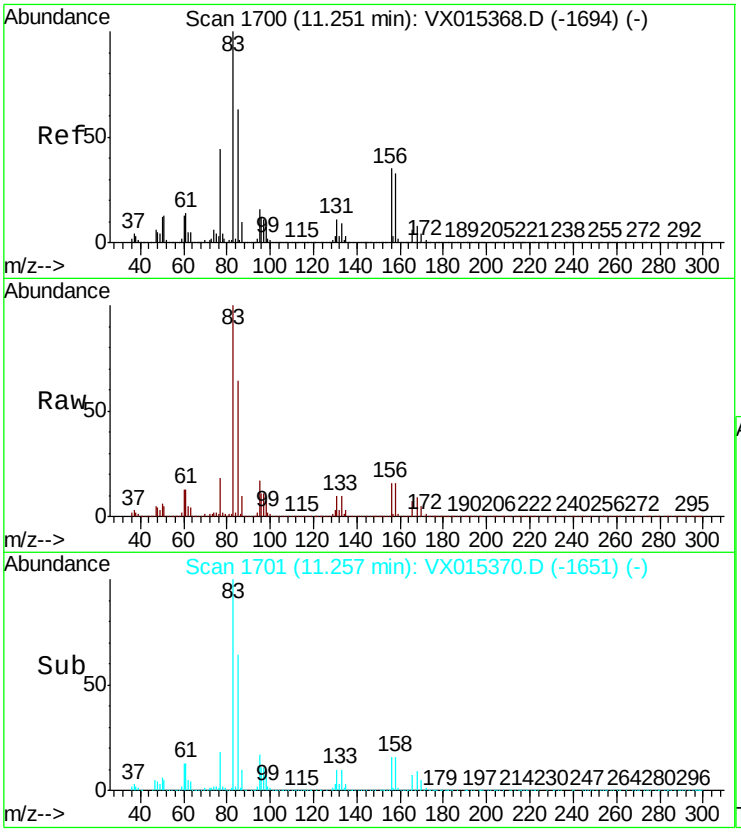


#74
N-amyl acetate
Concen: 183.222 ug/l
RT: 10.89 min Scan# 1640
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 43 Resp: 4567253

Ion	Ratio	Lower	Upper
43	100		
70	38.6	30.2	45.4
55	22.0	16.8	25.2
61	23.1	18.2	27.2

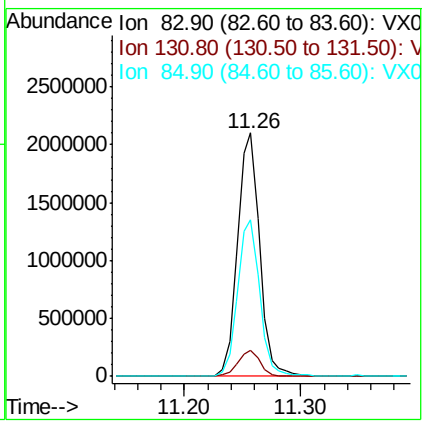




#75
1,1,2,2-Tetrachloroethane
Concen: 132.093 ug/l
RT: 11.26 min Scan# 1701
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 83 Resp: 2776622

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	16.1
85	64.8	32.0	96.0



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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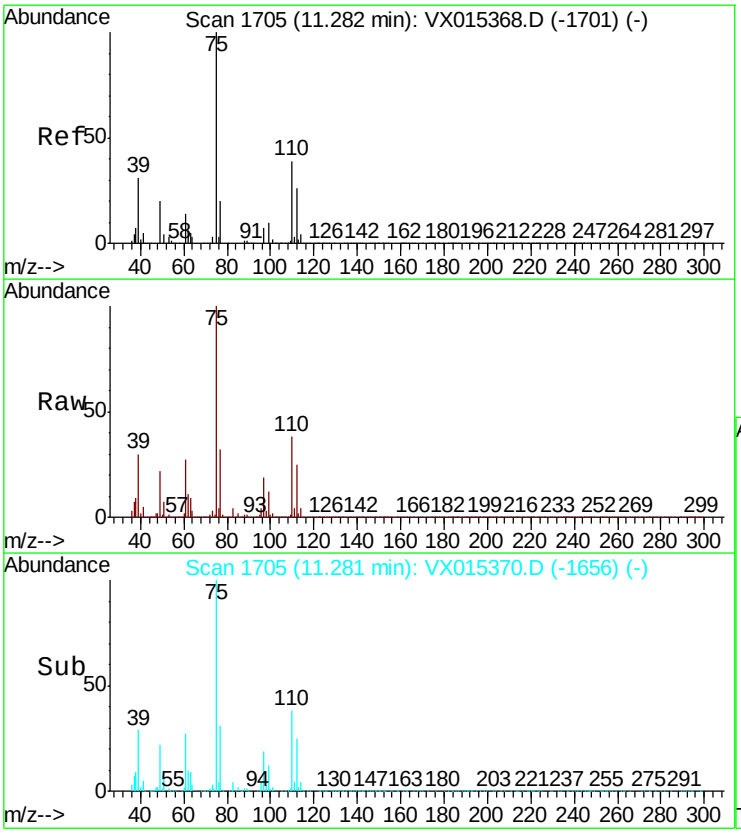
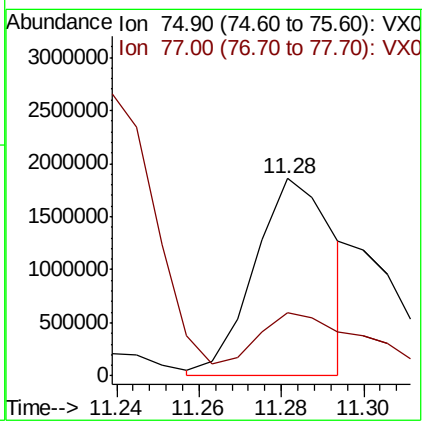
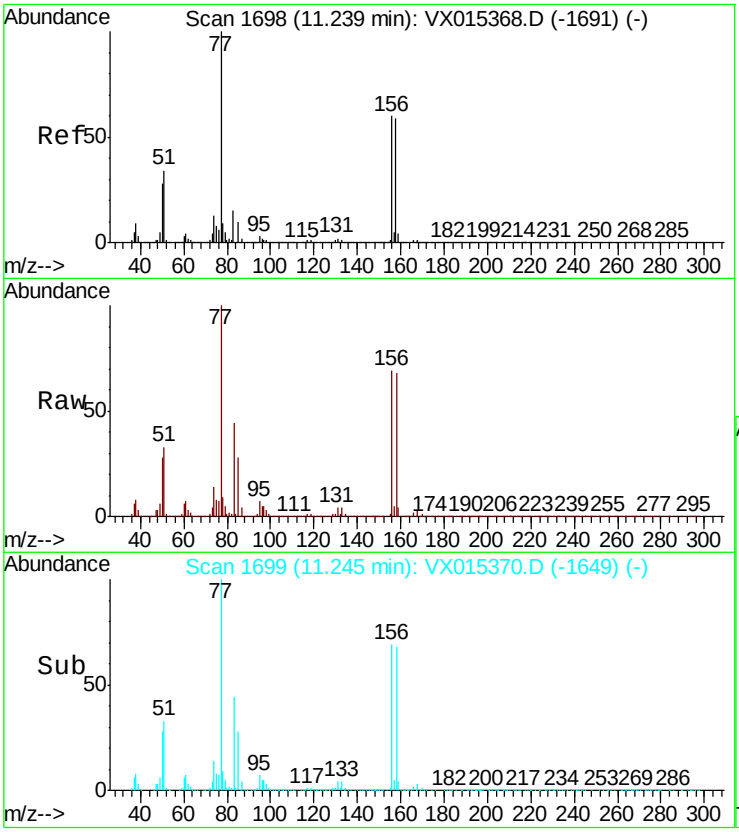


#76
1,2,3-Trichloropropane
Concen: 130.516 ug/l m
RT: 11.28 min Scan# 1705
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 75 Resp: 2477201

Ion	Ratio	Lower	Upper
75	100		
77	44.9	21.2	63.6

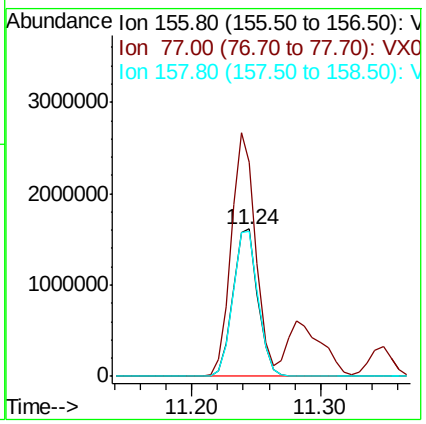




#77
Bromobenzene
Concen: 137.045 ug/l
RT: 11.24 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:156 Resp: 2159778

Ion	Ratio	Lower	Upper
156	100		
77	162.2	82.2	246.5
158	99.8	49.3	147.9



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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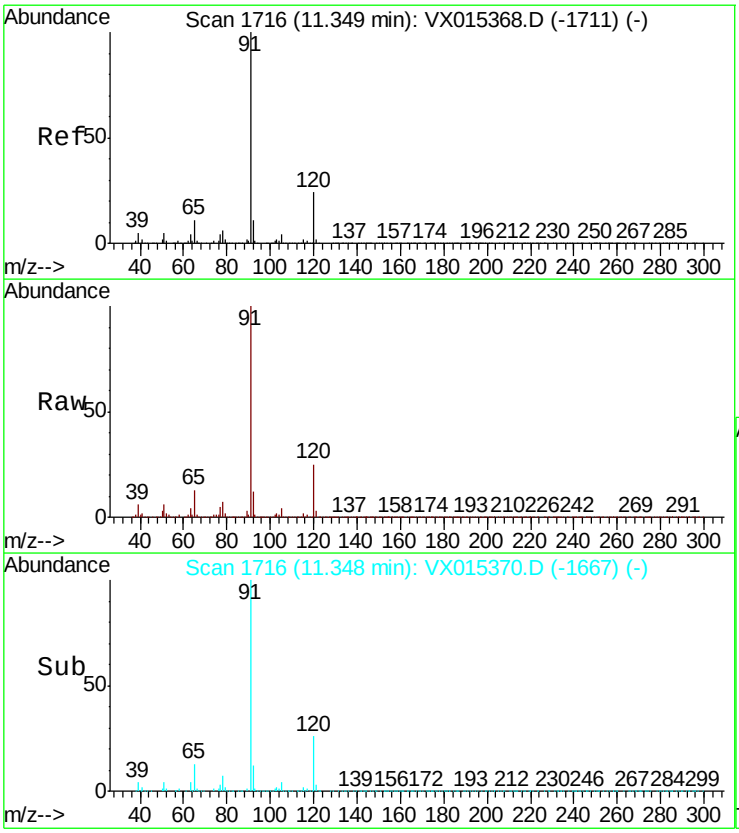
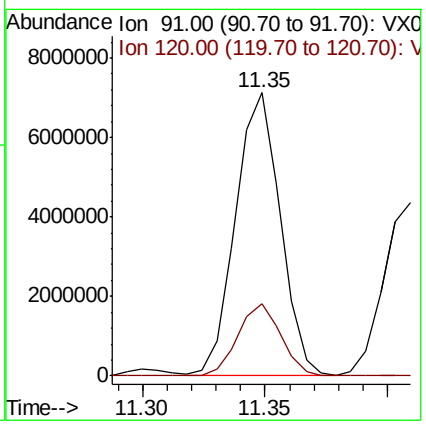
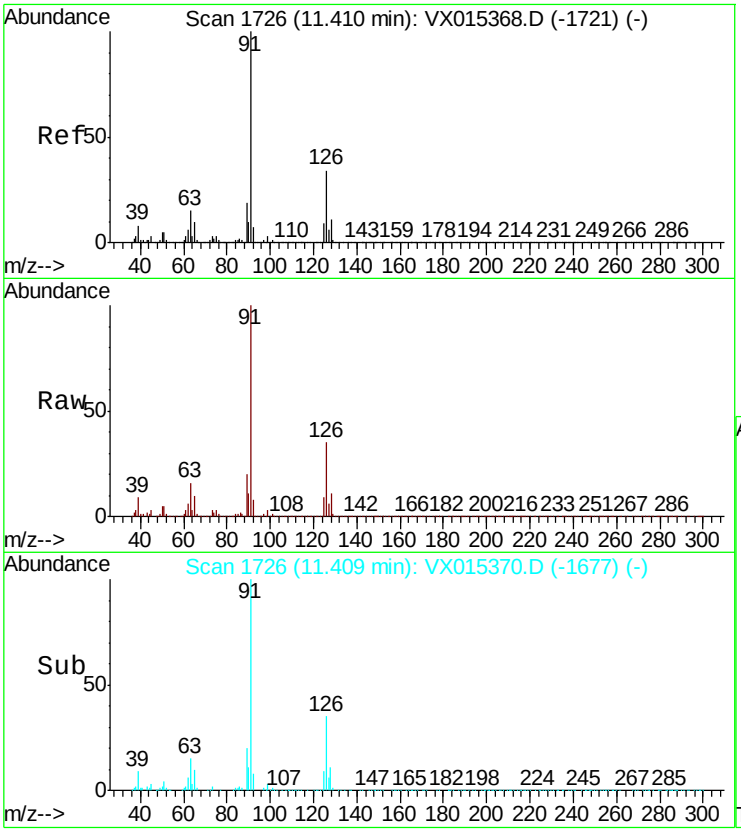


#78
n-propylbenzene
Concen: 122.938 ug/l
RT: 11.35 min Scan# 1716
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 91 Resp: 9076475

Ion	Ratio	Lower	Upper
91	100		
120	24.5	11.7	35.0

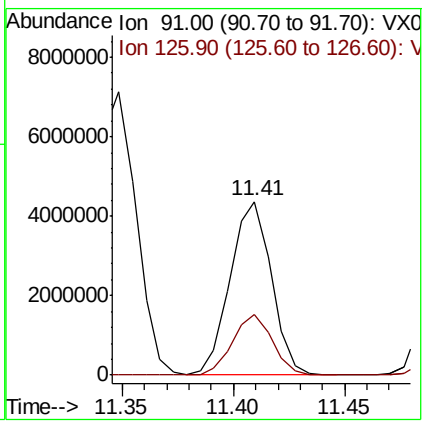




#79
2-Chlorotoluene
Concen: 125.810 ug/l
RT: 11.41 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 91 Resp: 5654937

Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.5	49.5



Instrument :
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ClientSampleId :
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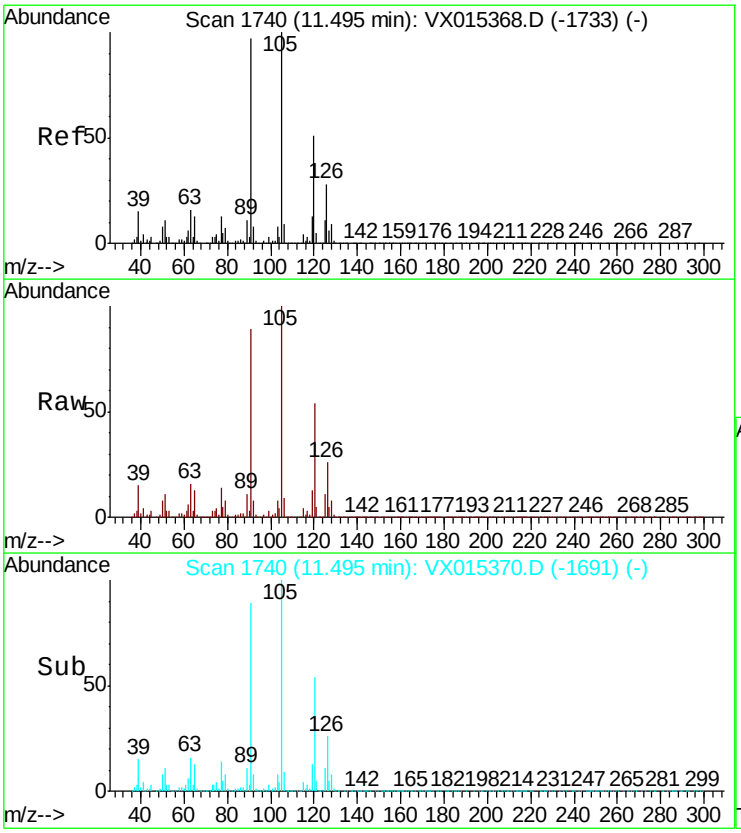
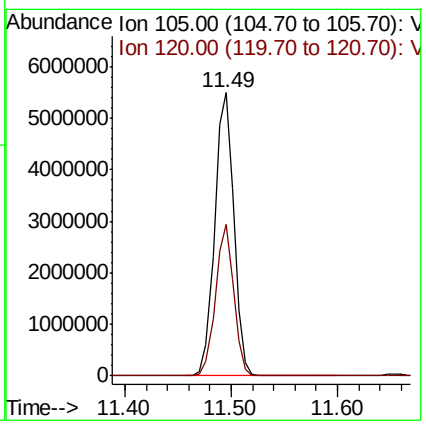
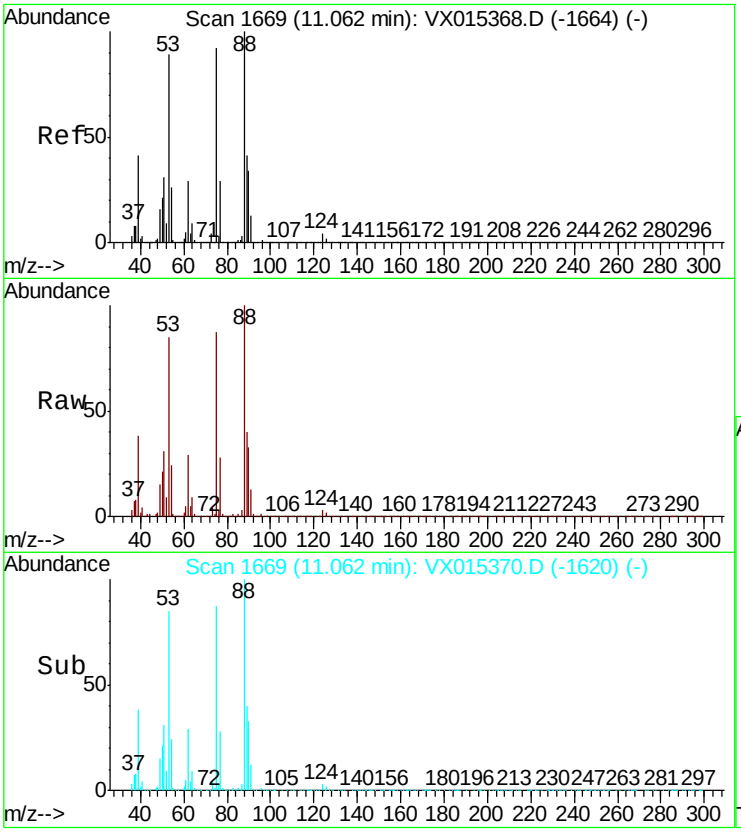


#80
1,3,5-Trimethylbenzene
Concen: 128.019 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:105 Resp: 6797456

Ion	Ratio	Lower	Upper
105	100		
120	51.0	24.8	74.4





#81
trans-1,4-Dichloro-2-butene
Concen: 154.254 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 75 Resp: 1095866

Ion	Ratio	Lower	Upper
75	100		
53	99.1	80.1	120.1
89	46.2	36.1	54.1

Instrument :
MSVOA_X
ClientSampleId :
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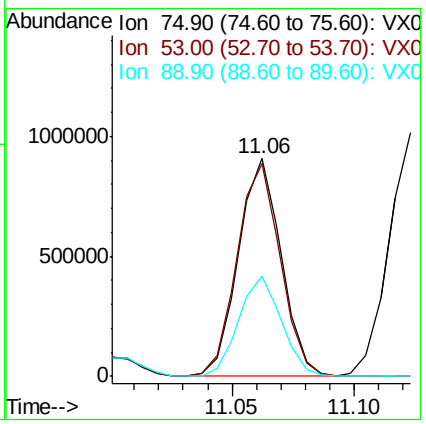
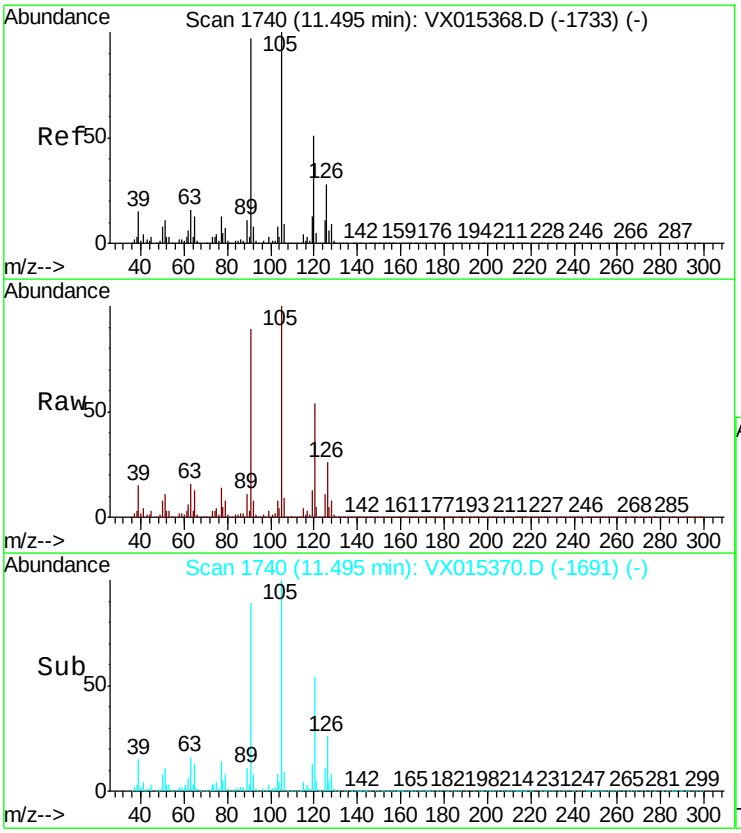
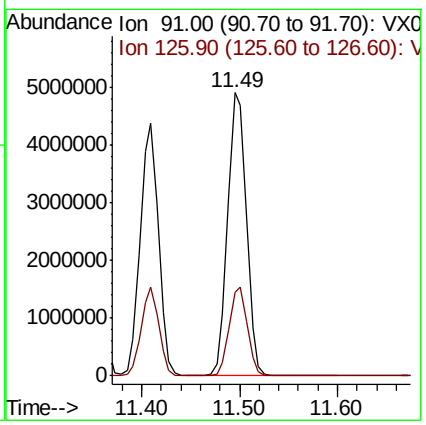


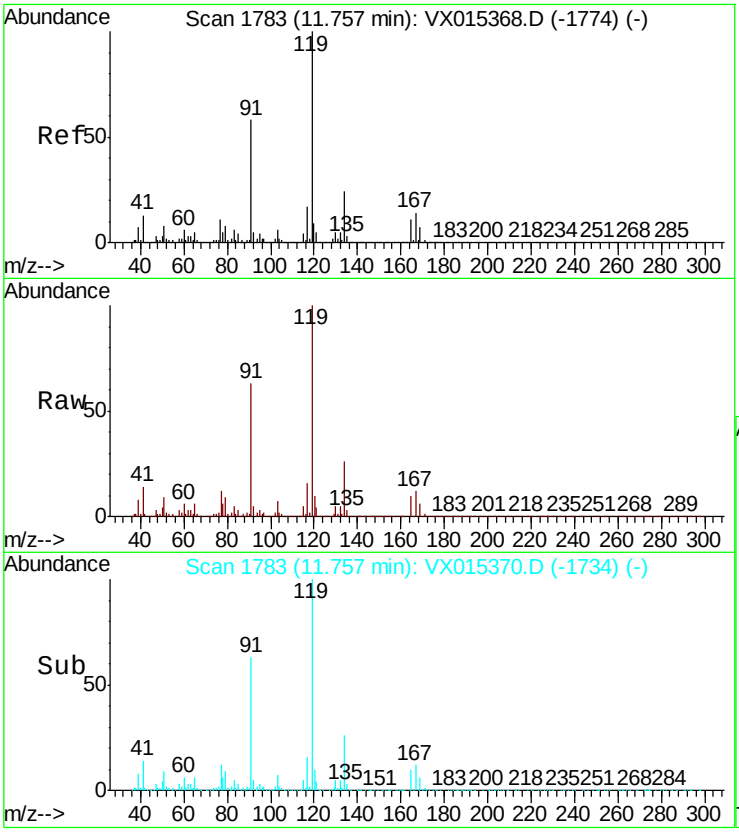


#82
4-Chlorotoluene
Concen: 127.815 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 91 Resp: 6522616

Ion	Ratio	Lower	Upper
91	100		
126	30.2	14.7	44.1

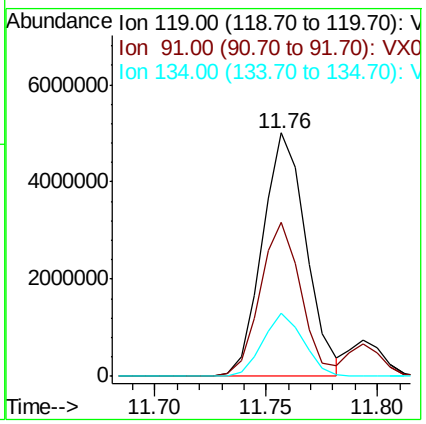




#83
tert-Butylbenzene
Concen: 131.080 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:119 Resp: 6832826

Ion	Ratio	Lower	Upper
119	100		
91	59.4	28.6	85.8
134	24.0	11.8	35.3



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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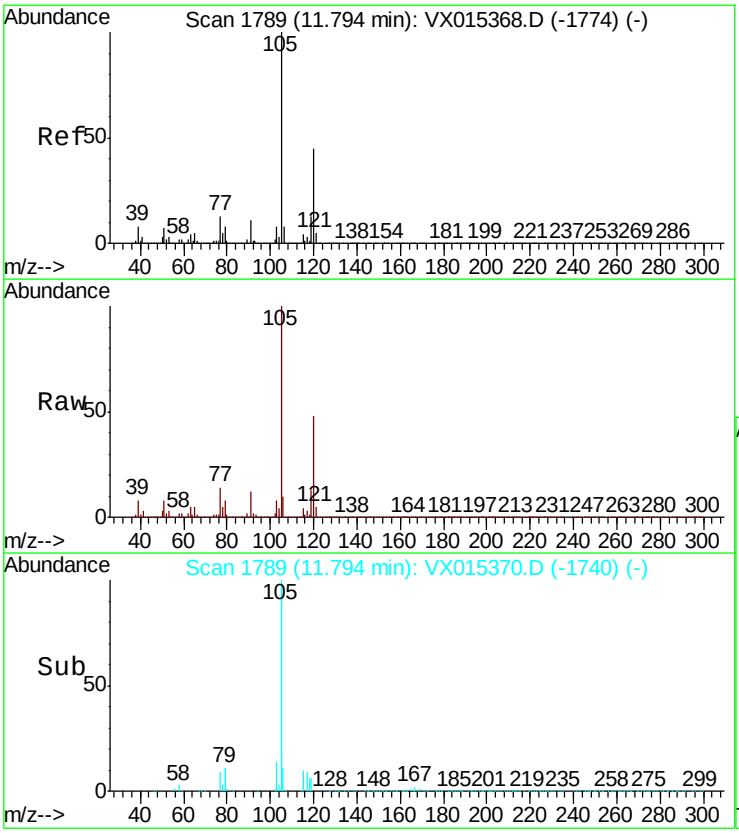
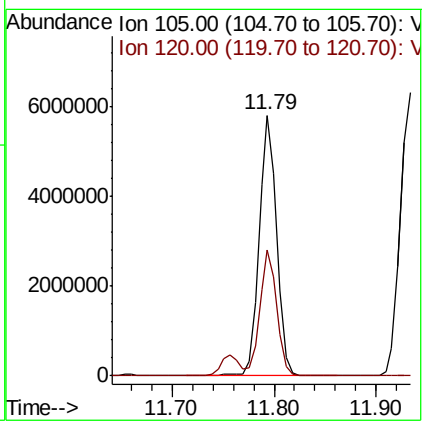
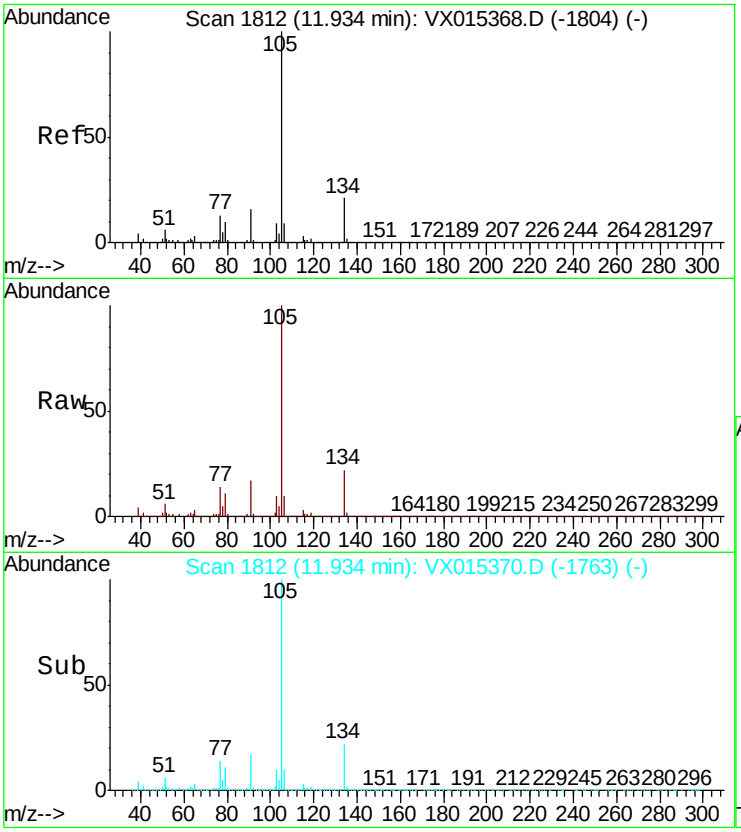


#84
1,2,4-Trimethylbenzene
Concen: 127.191 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:105 Resp: 6980412

Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.7	68.1





#85
sec-Butylbenzene
Concen: 127.202 ug/l
RT: 11.93 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:105 Resp: 7854391

Ion	Ratio	Lower	Upper
105	100		
134	21.7	10.4	31.1

Instrument :
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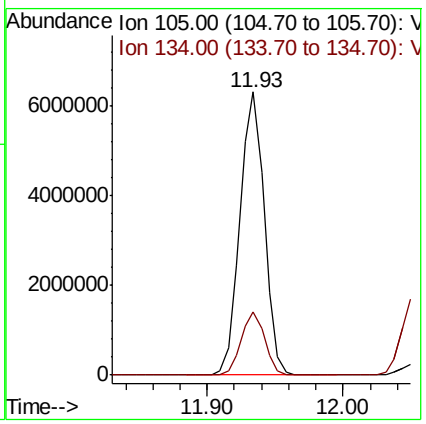
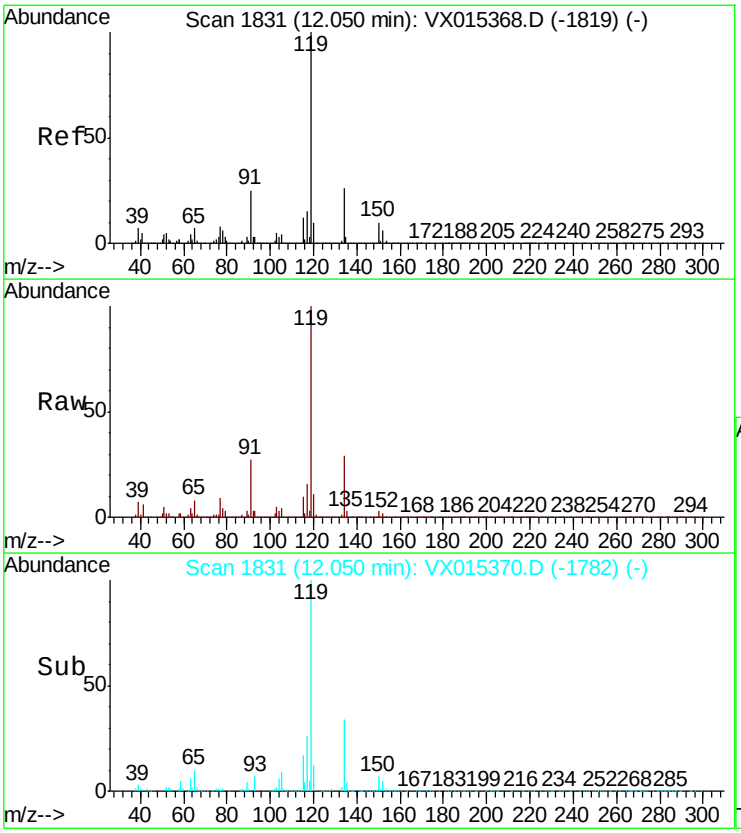
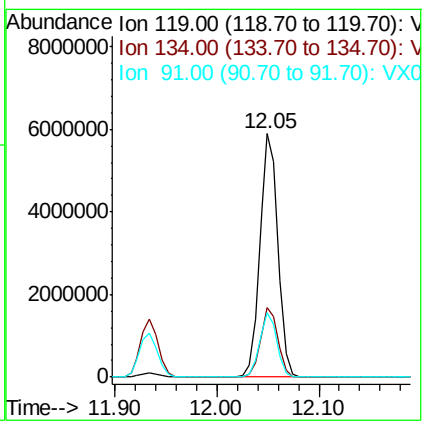


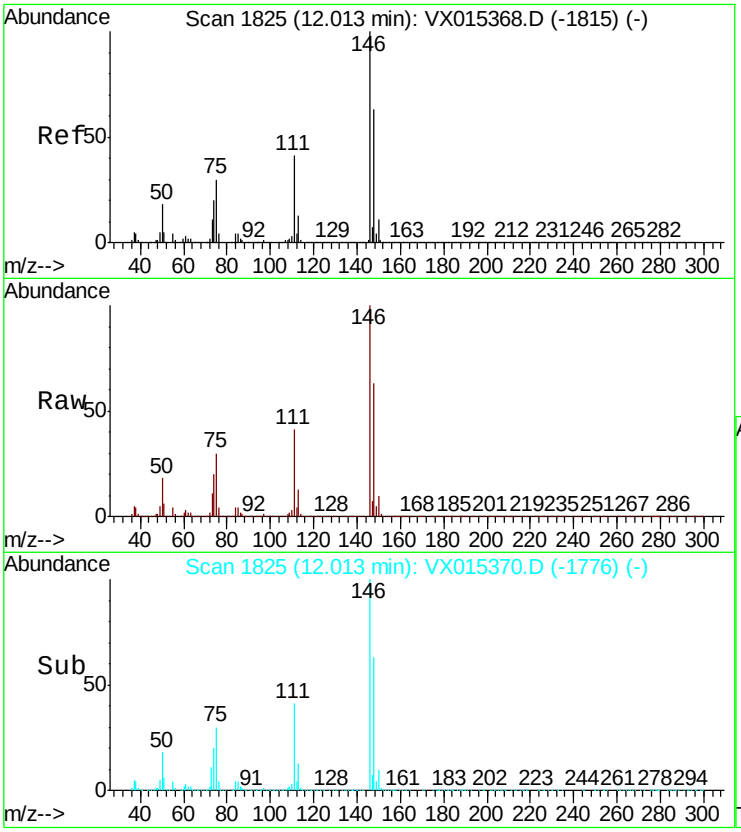


#86
p-Isopropyltoluene
Concen: 131.586 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:119 Resp: 7296840

Ion	Ratio	Lower	Upper
119	100		
134	27.7	13.1	39.3
91	25.4	12.4	37.4

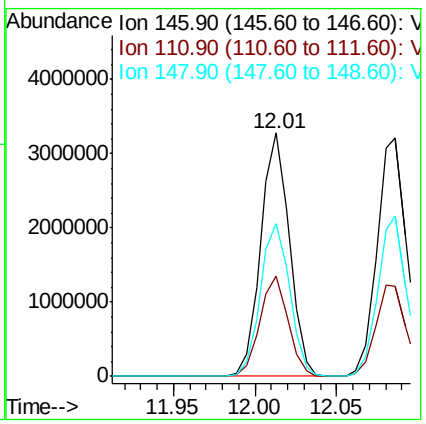




#87
1,3-Dichlorobenzene
Concen: 134.299 ug/l
RT: 12.01 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:146 Resp: 3967162

Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.9
148	64.3	31.3	93.9



Instrument :
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ClientSampleId :
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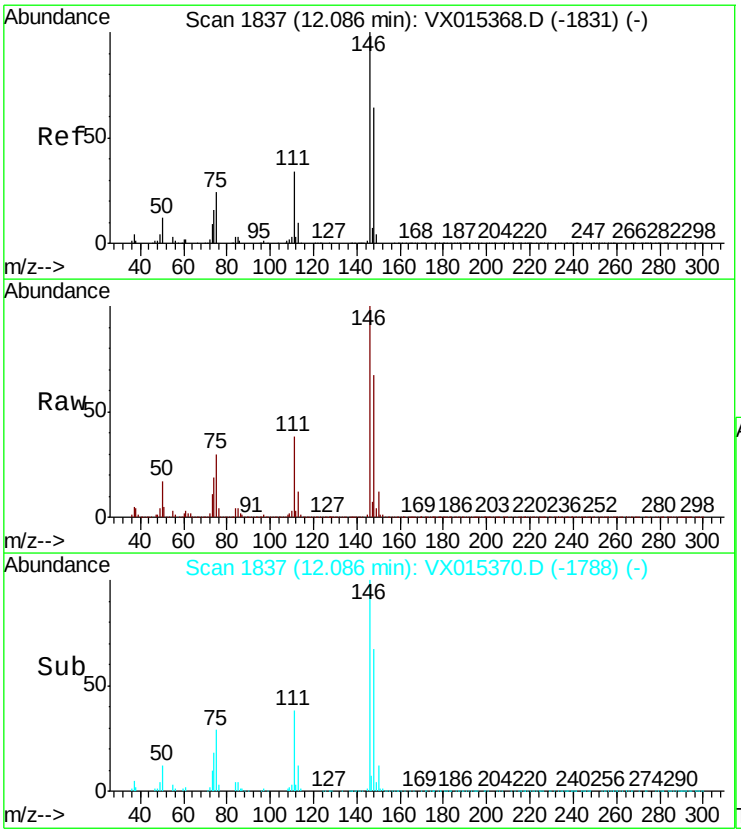
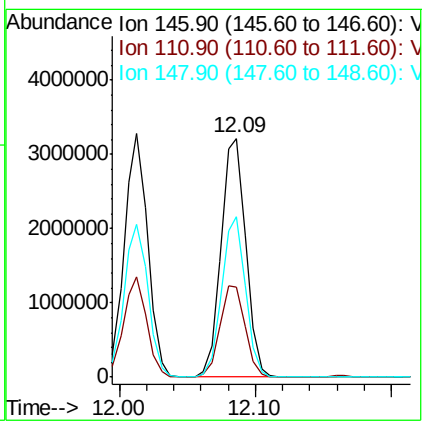
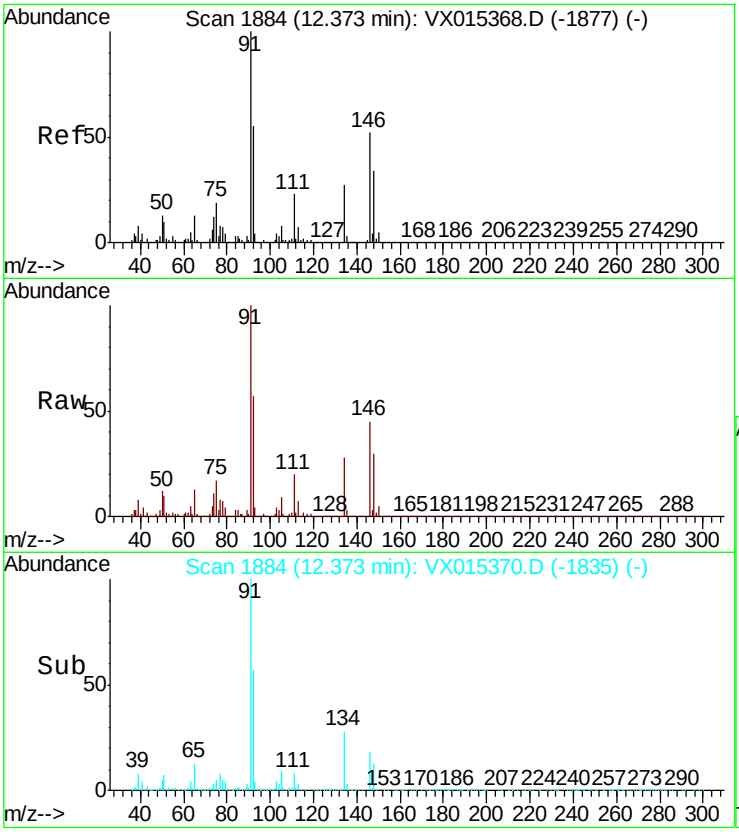


#88
1,4-Dichlorobenzene
Concen: 130.539 ug/l
RT: 12.09 min Scan# 1837
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:146 Resp: 4041397

Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.5
148	64.8	32.4	97.2

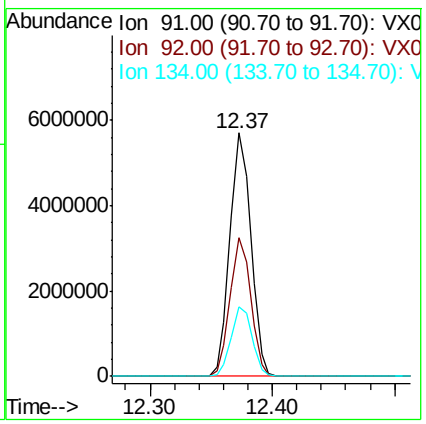




#89
n-Butylbenzene
Concen: 129.478 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 91 Resp: 6754530

Ion	Ratio	Lower	Upper
91	100		
92	56.2	27.2	81.5
134	28.1	13.4	40.2



Instrument :
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ClientSampleId :
VSTDICC150

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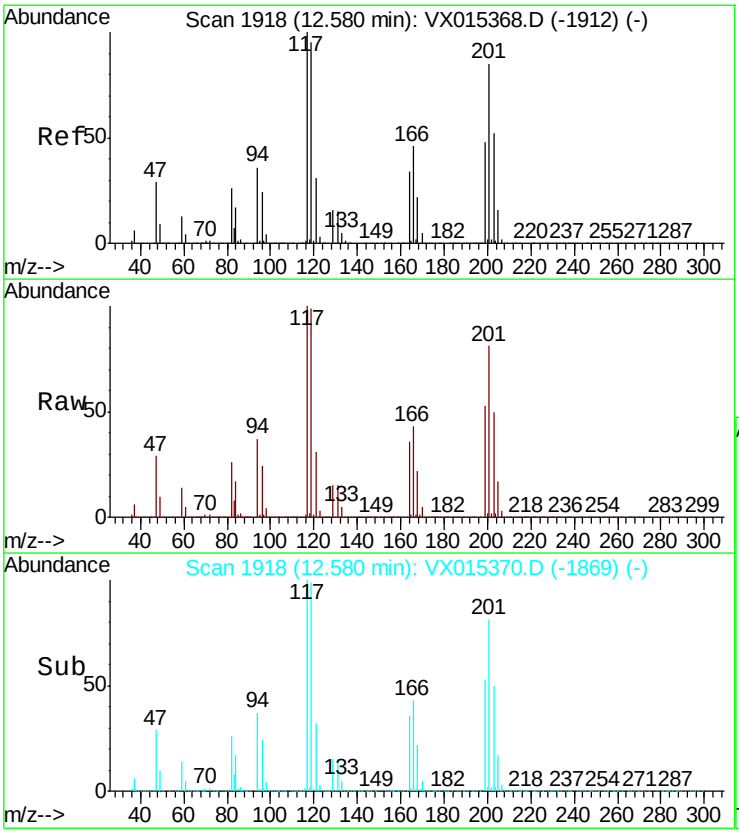
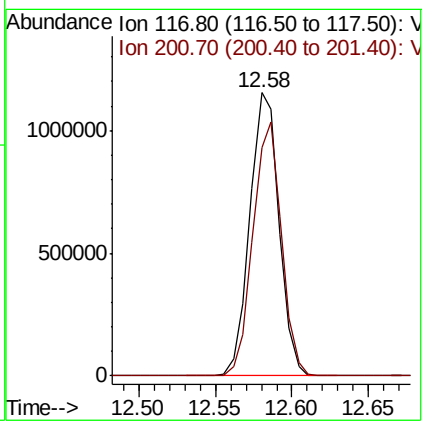
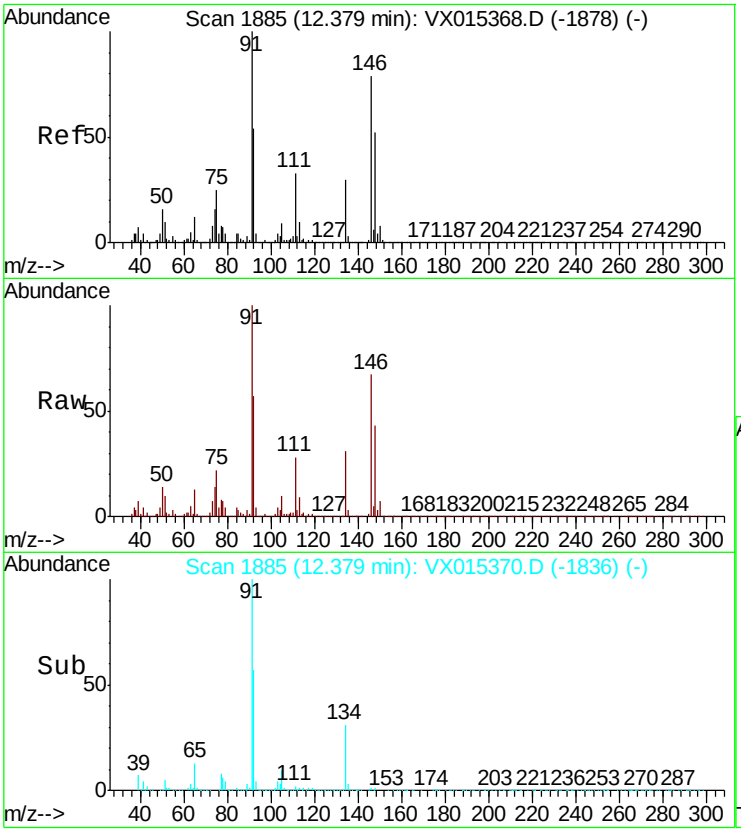


#90
Hexachloroethane
Concen: 140.854 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:117 Resp: 1534036

Ion	Ratio	Lower	Upper
117	100		
201	87.5	42.6	128.0

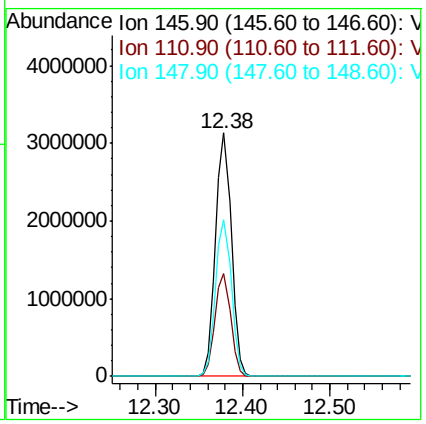




#91
1,2-Dichlorobenzene
Concen: 132.193 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:146 Resp: 3913272

Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.0	63.0
148	64.5	32.4	97.0



Instrument :
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ClientSampleId :
VSTDICC150

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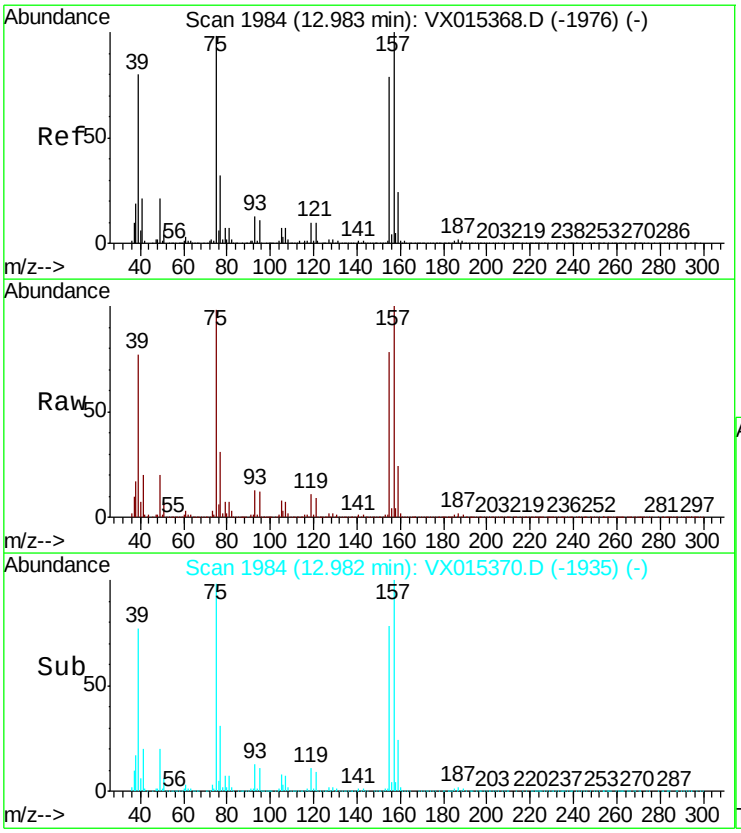
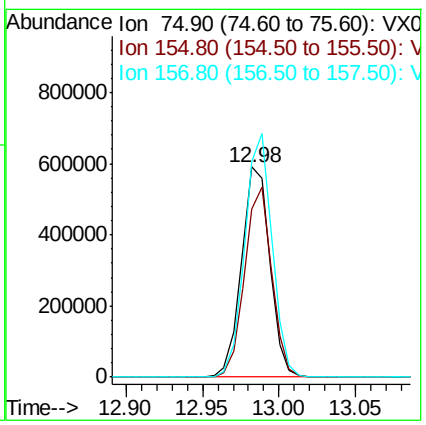
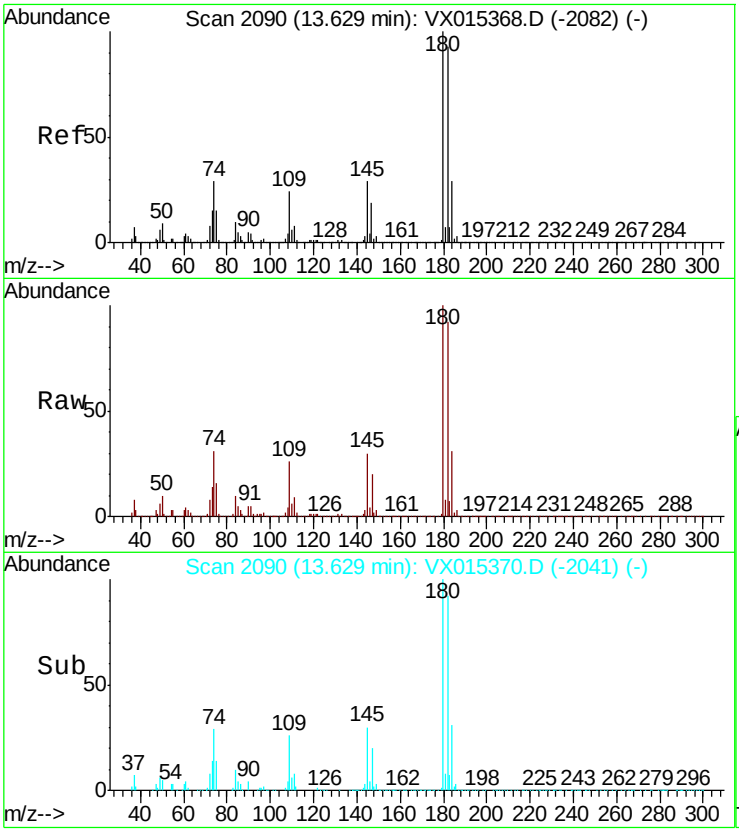


#92
1,2-Dibromo-3-Chloropropane
Concen: 160.648 ug/l
RT: 12.98 min Scan# 1984
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion: 75 Resp: 757398

Ion	Ratio	Lower	Upper
75	100		
155	86.7	42.8	128.4
157	111.7	53.4	160.3

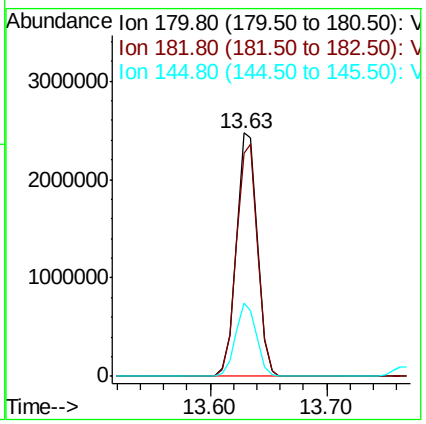




#93
1,2,4-Trichlorobenzene
Concen: 167.936 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:180 Resp: 3107411

Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.9	140.7
145	29.6	14.9	44.5



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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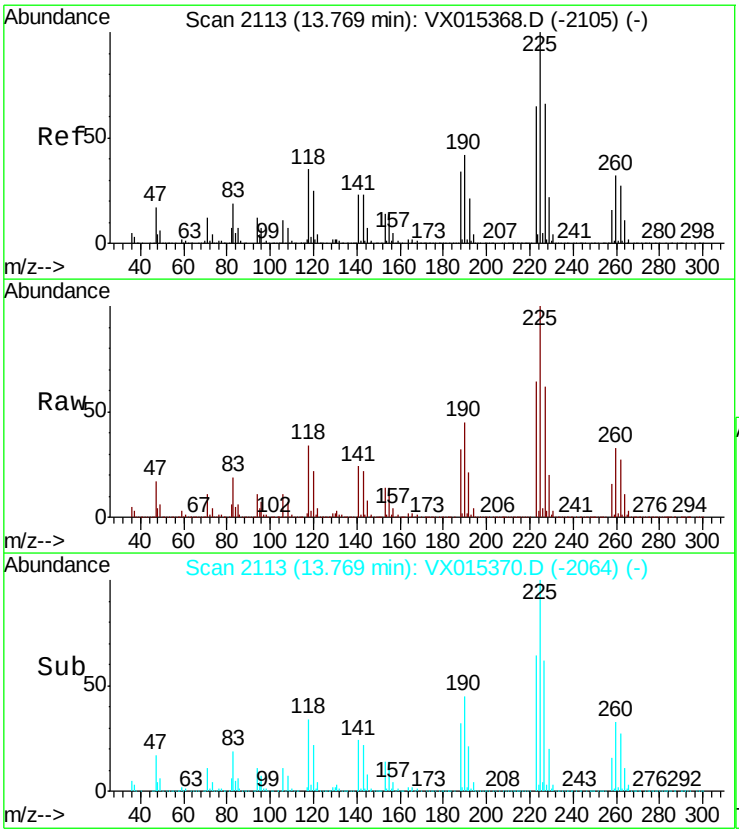
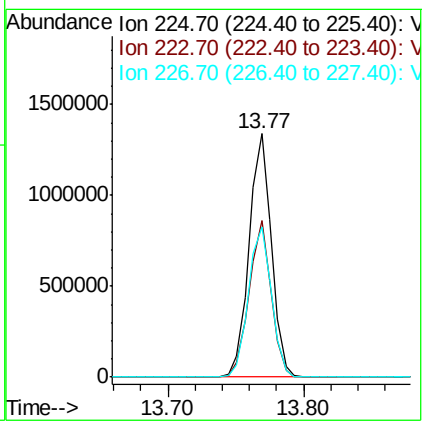
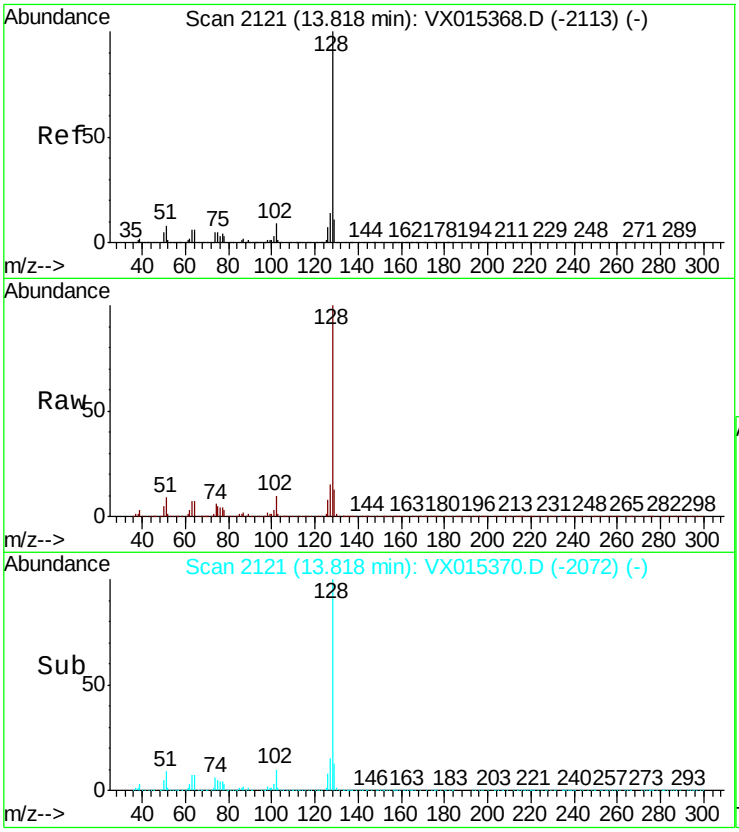


#94
Hexachlorobutadiene
Concen: 198.359 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:225 Resp: 1541798

Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.7
227	63.7	30.4	91.3

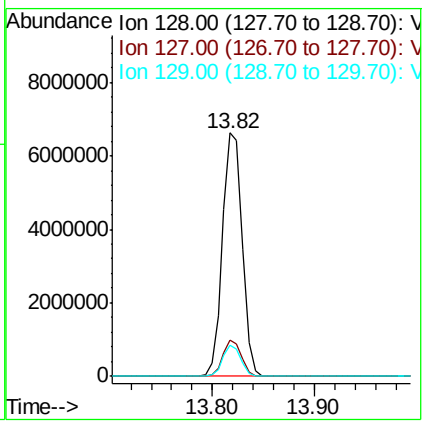




#95
Naphthalene
Concen: 147.412 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:128 Resp: 8864795

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	11.8	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

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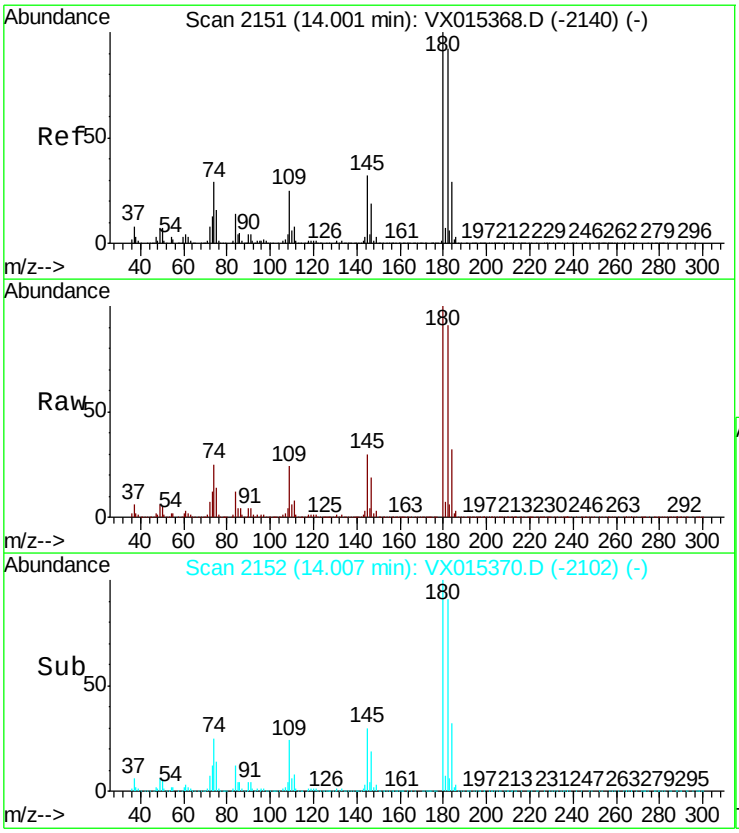
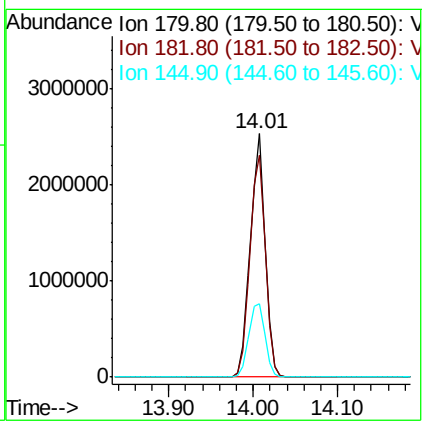


#96
1,2,3-Trichlorobenzene
Concen: 163.547 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015370.D
Acq: 26 Mar 2020 21:24

Tgt Ion:180 Resp: 2972730

Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.7	140.0
145	32.8	15.8	47.3