Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF041919\
Data File : VF062225.D
Acq On : 19 Apr 2019 15:20
Operator : FY/SY
Sample : K2196-05
Misc : 7.38g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Quant Time: Apr 19 15:54:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 03:56:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	11900	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.78	114	11357	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	3936	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	410	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.06	65	2016	18.48	ug/l	0.04
Spiked Amount 50.000			Recovery = 36.96%			
35) Dibromofluoromethane	4.32	113	3381	34.03	ug/l	0.02
Spiked Amount 50.000			Recovery = 68.06%			
50) Toluene-d8	7.72	98	5175	20.58	ug/l	0.02
Spiked Amount 50.000			Recovery = 41.16%			
62) 4-Bromofluorobenzene	11.50	95	2516	26.01	ug/l	0.02
Spiked Amount 50.000			Recovery = 52.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.02	85	394	2.179	ug/l #	42
3) Chloromethane	1.17	50	347	1.856	ug/l #	79
5) Bromomethane	1.44	94	360	3.859	ug/l #	6
8) Diethyl Ether	1.75	74	89	2.096	ug/l #	1
11) Tert butyl alcohol	2.74	59	196	25.841	ug/l #	21
12) 1,1-Dichloroethene	1.90	96	607	4.579	ug/l #	1
13) Acrolein	2.06	56	160	Below Cal	#	1
14) Allyl chloride	2.23	41	513	3.372	ug/l #	54
15) Acrylonitrile	3.12	53	230	9.956	ug/l #	1
16) Acetone	2.38	43	556	21.318	ug/l #	52
18) Methyl Acetate	2.46	43	2908	51.990	ug/l #	59
20) Methylene Chloride	2.31	84	1101	2.668	ug/l #	72
21) trans-1,2-Dichloroethene	2.42	96	464	3.540	ug/l #	1
22) Diisopropyl ether	2.93	45	635	1.632	ug/l #	46
23) Vinyl Acetate	3.42	43	2191	11.817	ug/l #	79
25) 2-Butanone	4.53	43	746	14.304	ug/l #	56
26) 2,2-Dichloropropane	3.71	77	445	4.140	ug/l	96
27) cis-1,2-Dichloroethene	3.68	96	390	2.297	ug/l	28
29) Tetrahydrofuran	4.28	42	484	20.504	ug/l #	66
30) Chloroform	4.30	83	276	1.055	ug/l	98
31) Cyclohexane	3.92	56	431	1.689	ug/l #	56
32) 1,1,1-Trichloroethane	4.33	97	318	1.661	ug/l #	17
37) Ethyl Acetate	4.27	43	582	9.058	ug/l #	74
39) Methylcyclohexane	5.62	83	221	1.356	ug/l #	14
40) Benzene	4.84	78	684	1.915	ug/l #	52
41) Methacrylonitrile	4.93	41	584	15.757	ug/l #	18
42) 1,2-Dichloroethane	5.06	62	122	1.292	ug/l #	1
43) Isopropyl Acetate	7.12	43	600	8.879	ug/l #	45
45) 1,2-Dichloropropane	6.40	63	120	1.525	ug/l #	42
46) Dibromomethane	6.26	93	133	2.541	ug/l #	3
47) Bromodichloromethane	6.55	83	162	1.372	ug/l #	24
48) Methyl methacrylate	6.85	41	279	6.282	ug/l #	19
51) 4-Methyl-2-Pentanone	8.55	43	430	8.555	ug/l	100
52) Toluene	7.79	92	516	2.741	ug/l #	1

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF041919\
Data File : VF062225.D
Acq On : 19 Apr 2019 15:20
Operator : FY/SY
Sample : K2196-05
Misc : 7.38g/5mL/MSVOA F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Quant Time: Apr 19 15:54:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 03:56:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
53) t-1,3-Dichloropropene	8.43	75	128	1.443	ug/l	#	54
55) 1,1,2-Trichloroethane	8.63	97	148	2.806	ug/l	#	36
56) Ethyl methacrylate	8.74	69	1002	16.710	ug/l	#	1
57) 1,3-Dichloropropane	9.13	76	131	1.538	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	7.29	63	195	11.201	ug/l		93
59) 2-Hexanone	9.65	43	827	26.507	ug/l	#	54
61) 1,2-Dibromoethane	9.19	107	84	1.414	ug/l		96
64) Tetrachloroethene	8.23	164	79	2.223	ug/l	#	1
65) Chlorobenzene	9.98	112	139	1.656	ug/l	#	42
66) 1,1,1,2-Tetrachloroethane	10.01	131	68	1.730	ug/l	#	8
67) Ethyl Benzene	10.09	91	1787	11.709	ug/l	#	44
68) m/p-Xylenes	10.21	106	99	1.762	ug/l	#	45
69) o-Xylene	10.82	106	412	6.605	ug/l		85
70) Styrene	10.90	104	229	2.602	ug/l	#	20
73) Isopropylbenzene	11.32	105	315	8.944	ug/l		88
74) N-amyl acetate	11.42	43	559	67.672	ug/l	#	48
75) 1,1,2,2-Tetrachloroethane	11.76	83	122	20.142	ug/l	#	93
76) 1,2,3-Trichloropropane	11.85	75	134	32.156	ug/l	#	1
77) Bromobenzene	11.55	156	66	8.748	ug/l	#	1
78) n-propylbenzene	11.68	91	1579	42.500	ug/l	#	63
79) 2-Chlorotoluene	11.79	91	1335	59.236	ug/l	#	49
80) 1,3,5-Trimethylbenzene	11.80	105	300	10.227	ug/l		65
81) trans-1,4-Dichloro-2-buten	11.92	75	93	43.760	ug/l	#	19
82) 4-Chlorotoluene	11.99	91	1049	48.163	ug/l	#	59
83) tert-Butylbenzene	12.20	119	715	23.571	ug/l	#	17
84) 1,2,4-Trimethylbenzene	12.18	105	316	11.132	ug/l		90
85) sec-Butylbenzene	12.61	105	357	9.065	ug/l		96
86) p-Isopropyltoluene	12.54	119	587	17.571	ug/l	#	57
87) 1,3-Dichlorobenzene	12.56	146	298	21.285	ug/l	#	18
88) 1,4-Dichlorobenzene	12.64	146	118	8.738	ug/l	#	1
89) n-Butylbenzene	12.90	91	750	24.669	ug/l	#	36
90) Hexachloroethane	12.98	117	205	23.897	ug/l		92
91) 1,2-Dichlorobenzene	13.00	146	63	4.660	ug/l	#	1
92) 1,2-Dibromo-3-Chloropropan	13.66	75	278	233.611	ug/l	#	16
93) 1,2,4-Trichlorobenzene	14.18	180	64	5.658	ug/l	#	1
95) Naphthalene	14.48	128	330	16.686	ug/l	#	69

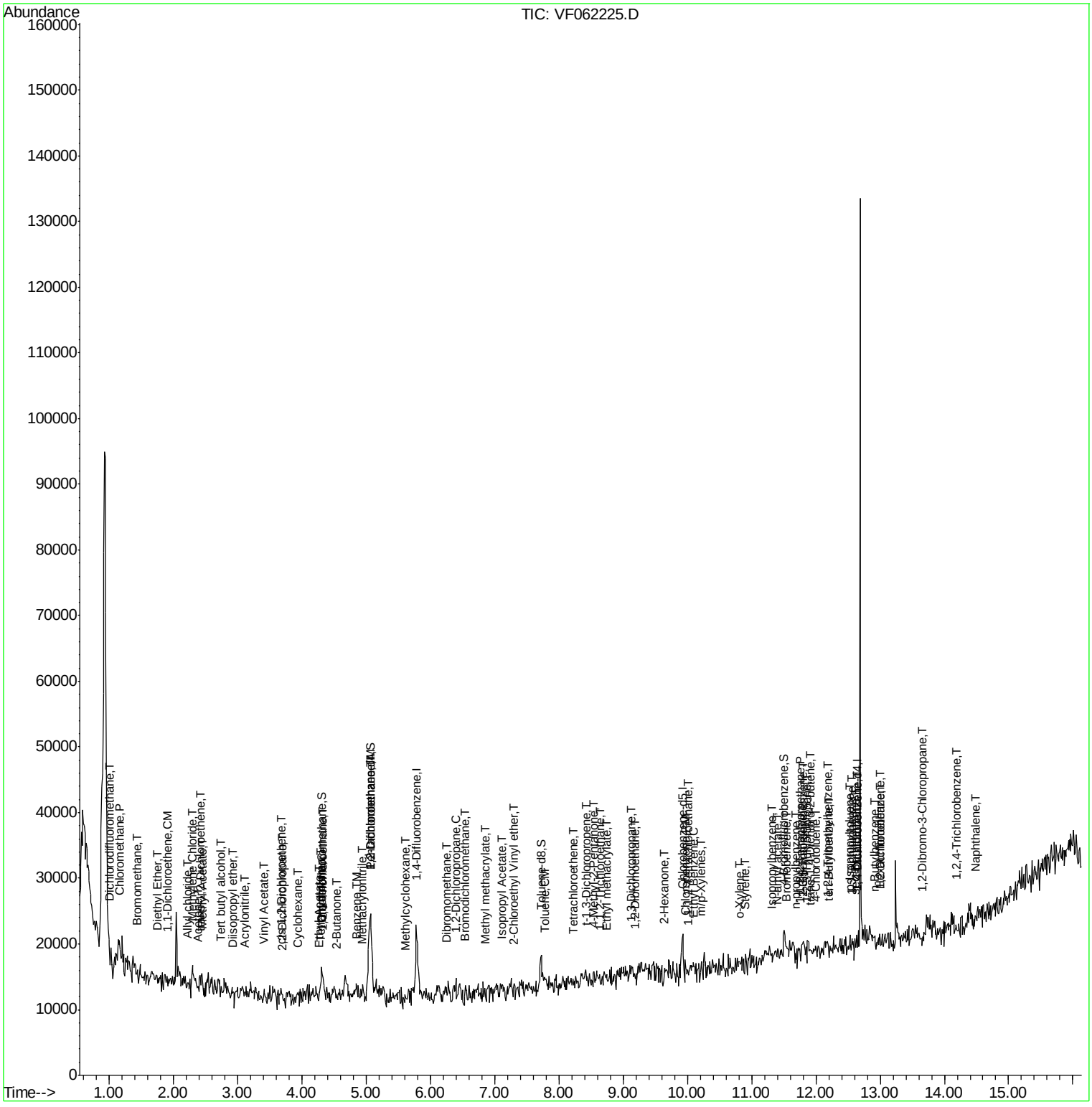
(#) = qualifier out of range (m) = manual integration (+) = signals summed

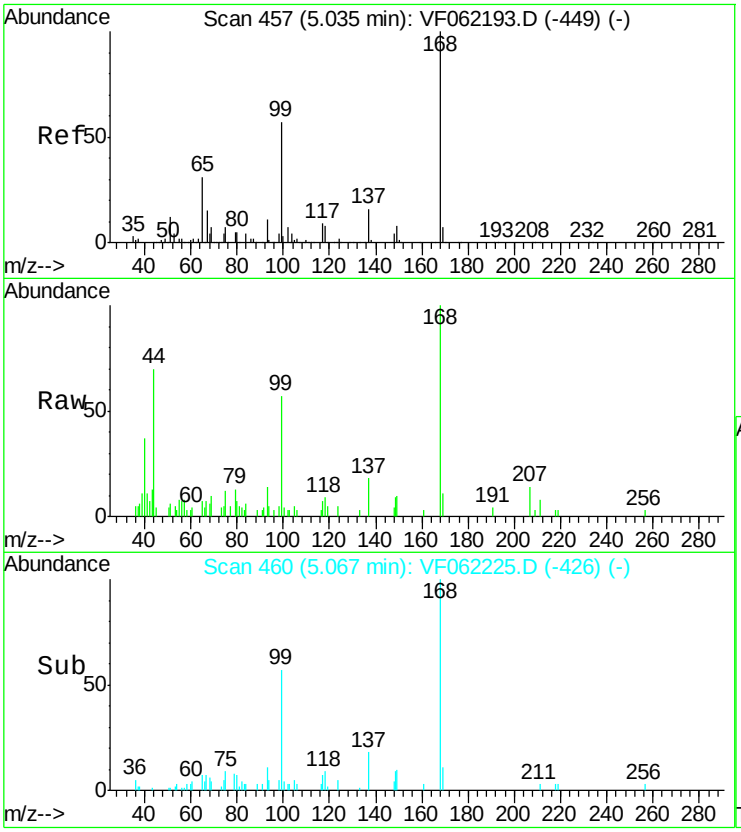
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF041919\
Data File : VF062225.D
Acq On : 19 Apr 2019 15:20
Operator : FY/SY
Sample : K2196-05
Misc : 7.38g/5mL/MSVOA_F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Quant Time: Apr 19 15:54:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 19 03:56:19 2019
Response via : Initial Calibration



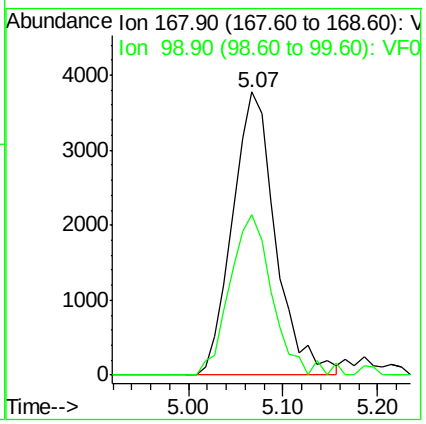


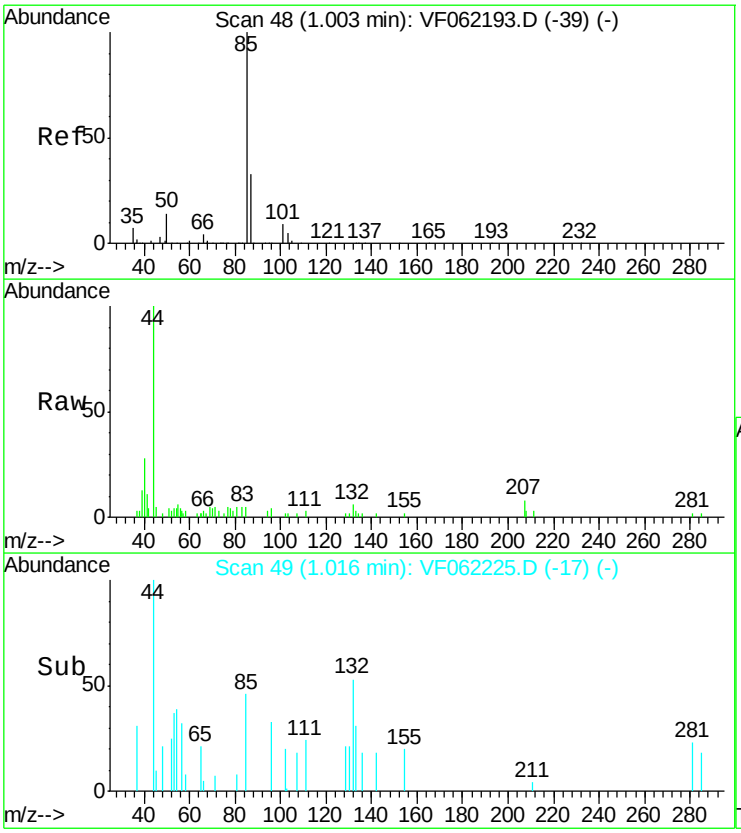
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.07 min Scan# 460
Delta R.T. 0.03 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion:168 Resp: 11900

Ion	Ratio	Lower	Upper
168	100		
99	56.8	45.5	68.3

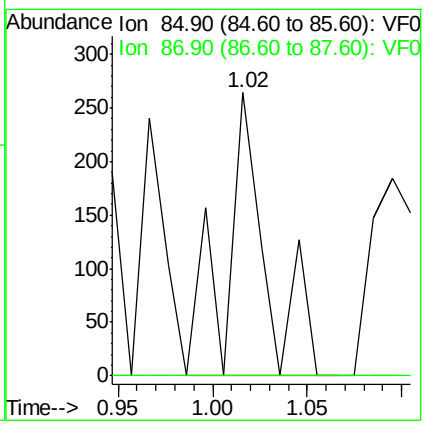


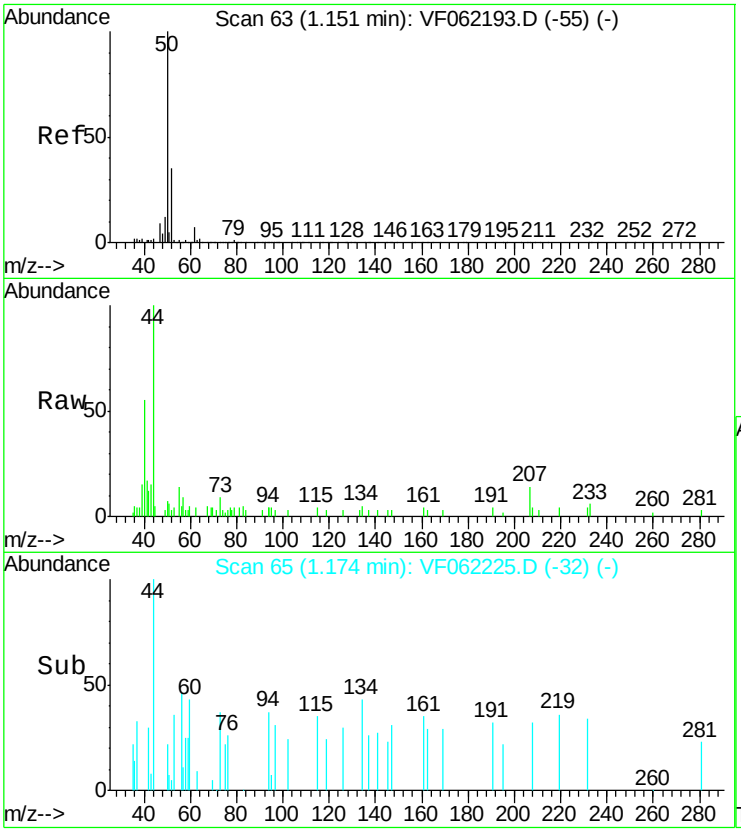


#2
Dichlorodifluoromethane
Concen: 2.179 ug/l
RT: 1.02 min Scan# 49
Delta R.T. 0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 85 Resp: 394

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.4	49.1#



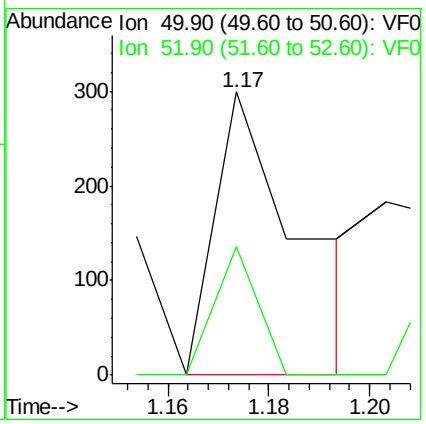


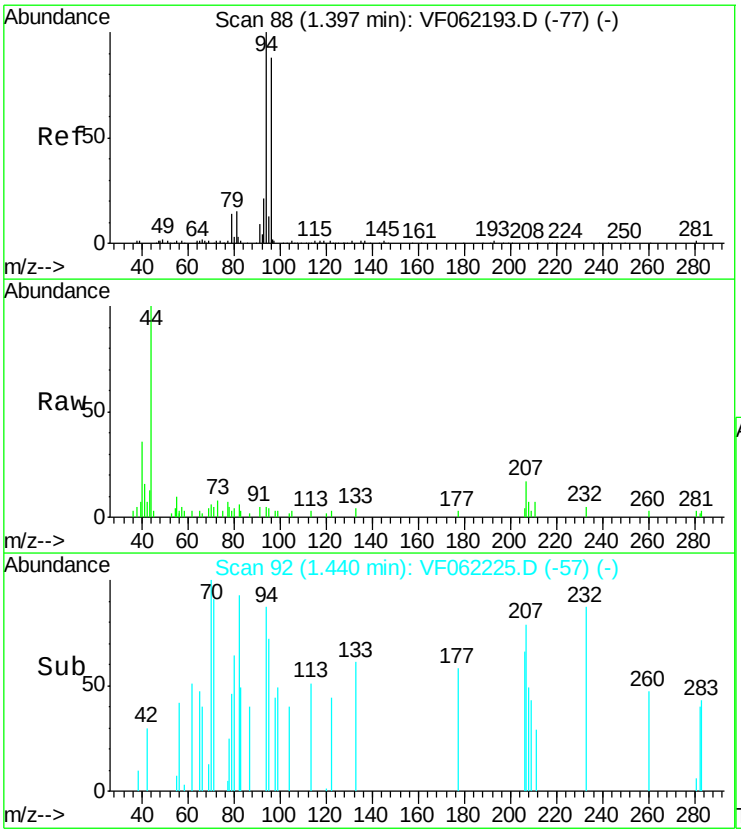
#3
Chloromethane
Concen: 1.856 ug/l
RT: 1.17 min Scan# 65
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion: 50 Resp: 347

Ion	Ratio	Lower	Upper
50	100		
52	45.5	27.0	40.4#

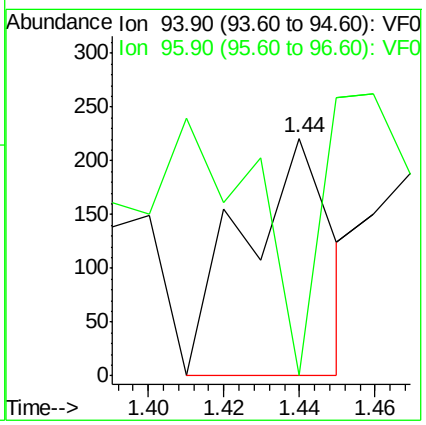


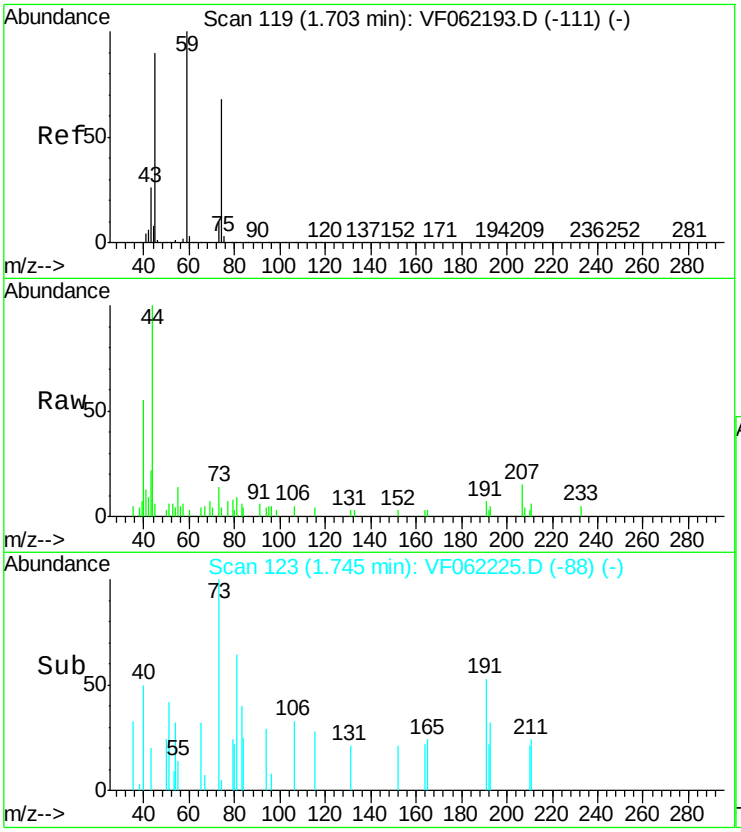


#5
Bromomethane
Concen: 3.859 ug/l
RT: 1.44 min Scan# 92
Delta R.T. 0.04 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 94 Resp: 360

Ion	Ratio	Lower	Upper
94	100		
96	0.0	70.2	105.4#



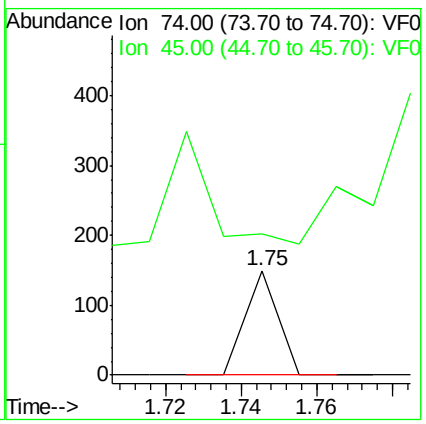


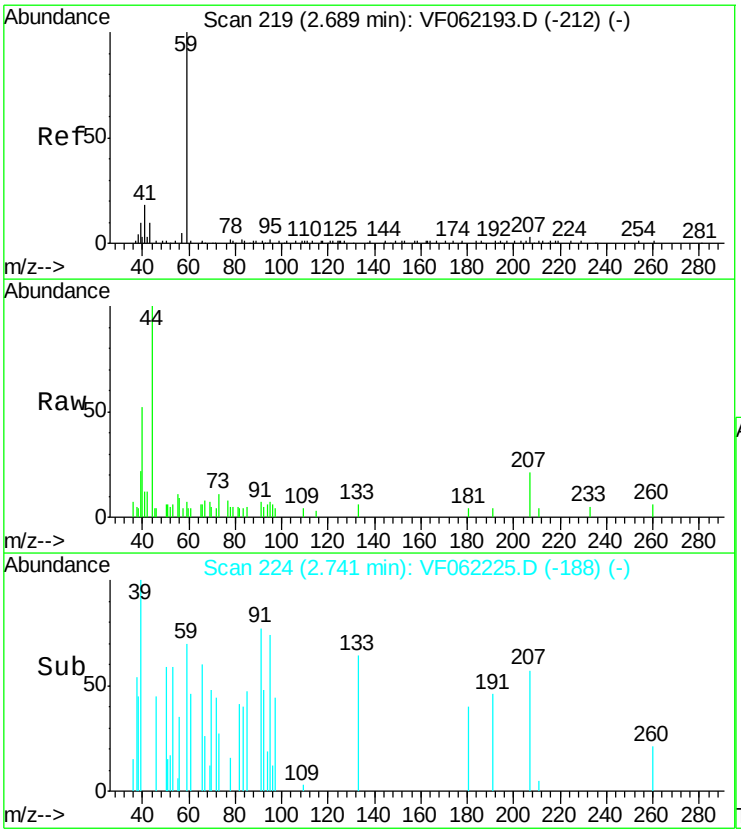
#8
Diethyl Ether
Concen: 2.096 ug/l
RT: 1.75 min Scan# 123
Delta R.T. 0.04 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 74 Resp: 89

Ion	Ratio	Lower	Upper
74	100		
45	307.9	70.0	210.2#

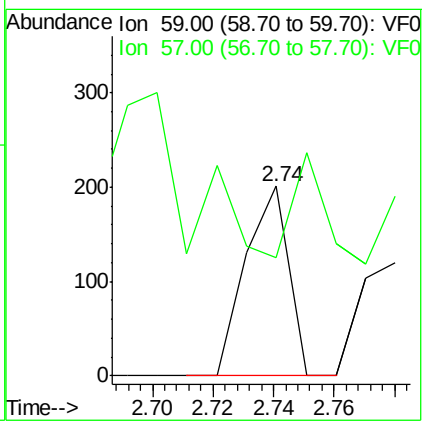


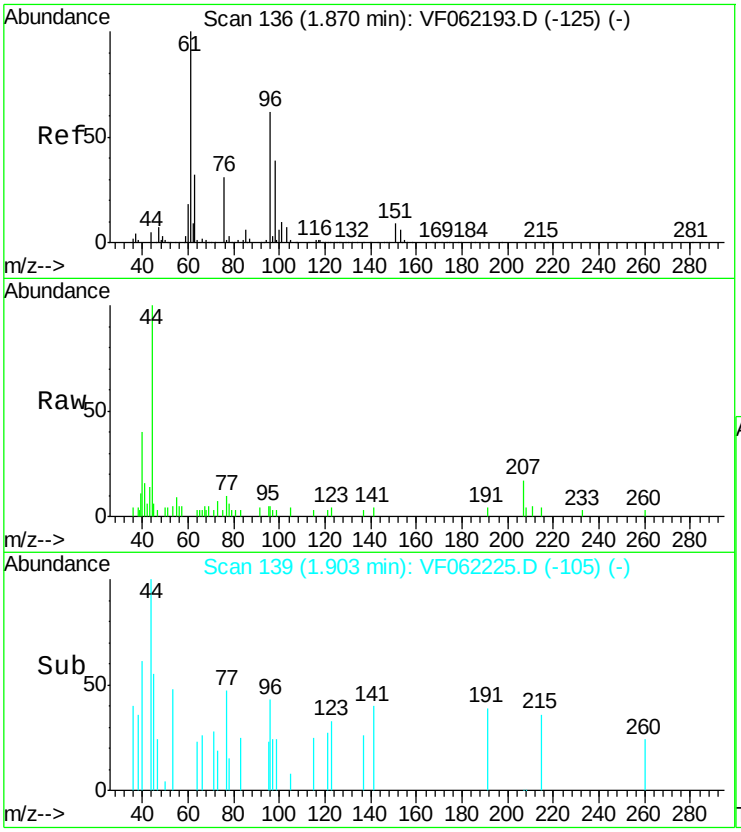


#11
Tert butyl alcohol
Concen: 25.841 ug/l
RT: 2.74 min Scan# 224
Delta R.T. 0.05 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 59 Resp: 196

Ion	Ratio	Lower	Upper
59	100		
57	41.8	9.3	13.9#



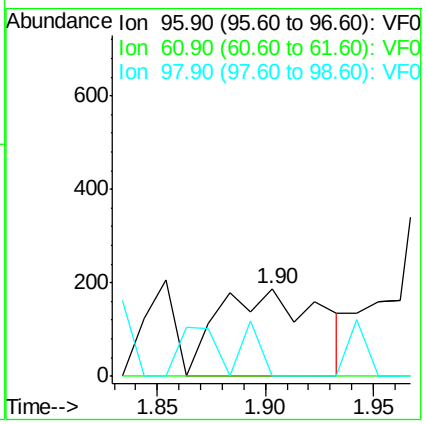


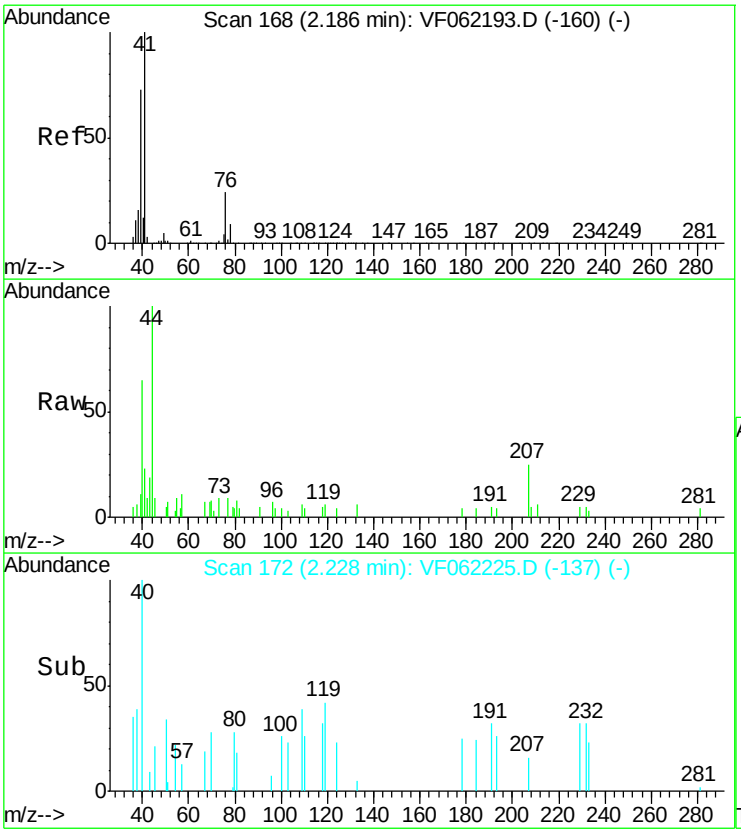
#12
1,1-Dichloroethene
Concen: 4.579 ug/l
RT: 1.90 min Scan# 139
Delta R.T. 0.03 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 96 Resp: 607

Ion	Ratio	Lower	Upper
96	100		
61	0.0	129.1	193.7#
98	0.0	50.0	75.0#

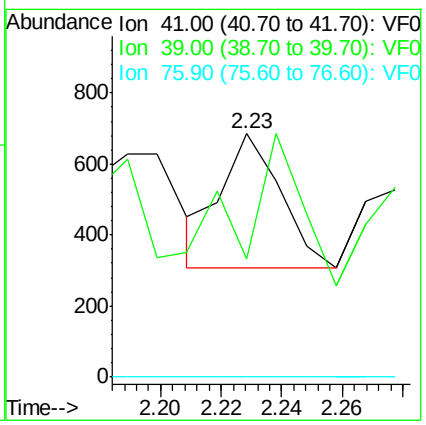


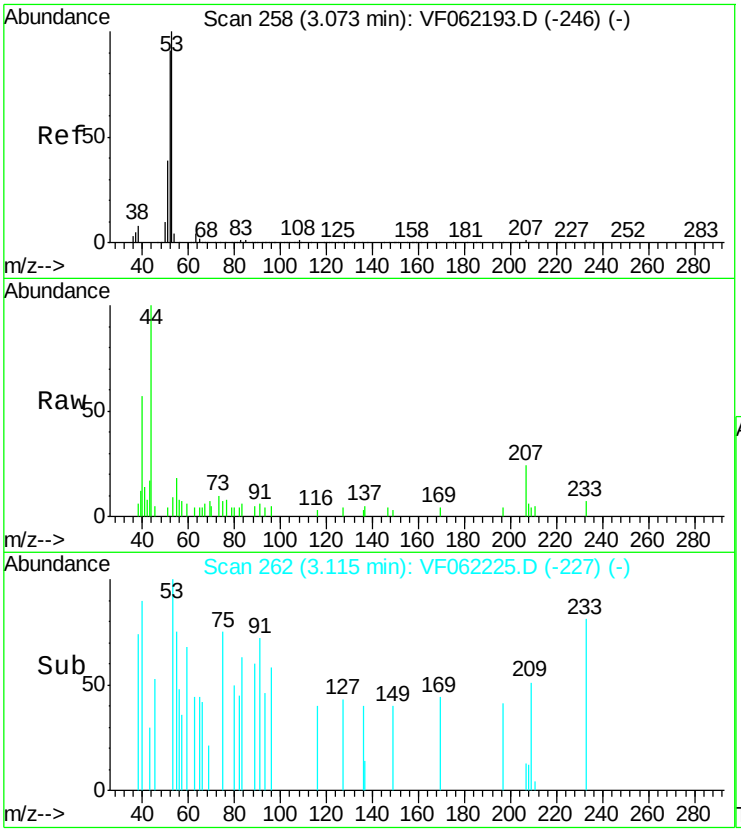


#14
Allyl chloride
Concen: 3.372 ug/l
RT: 2.23 min Scan# 172
Delta R.T. 0.04 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 41 Resp: 513

Ion	Ratio	Lower	Upper
41	100		
39	112.3	60.0	90.0#
76	0.0	20.6	30.8#



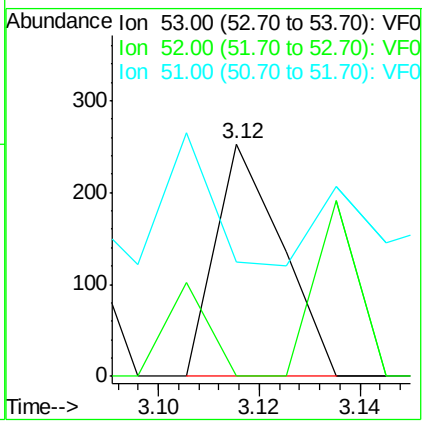


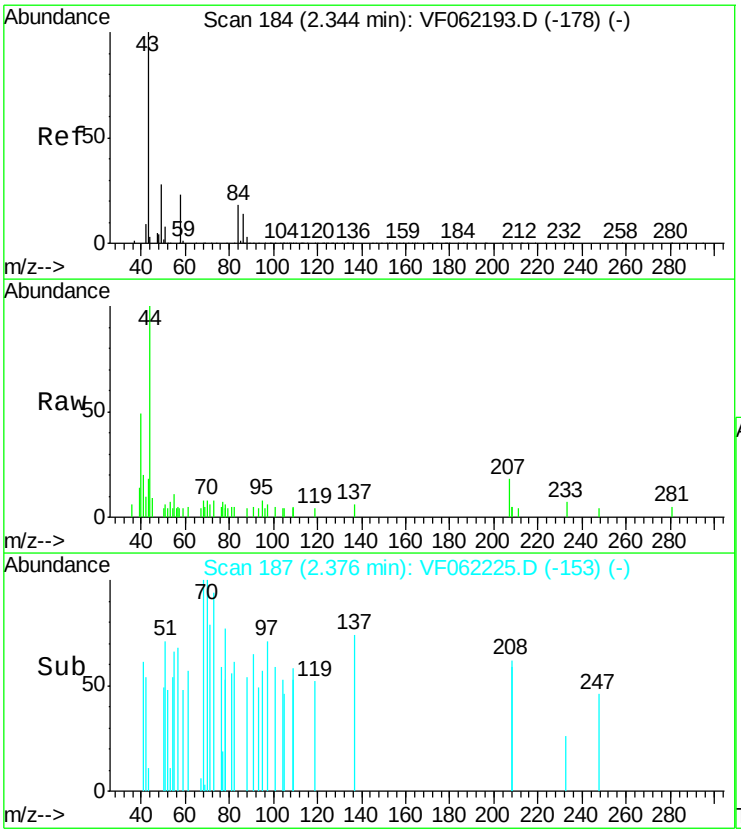
#15
Acrylonitrile
Concen: 9.956 ug/l
RT: 3.12 min Scan# 262
Delta R.T. 0.04 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 53 Resp: 230

Ion	Ratio	Lower	Upper
53	100		
52	26.1	69.5	104.3#
51	293.5	31.8	47.8#

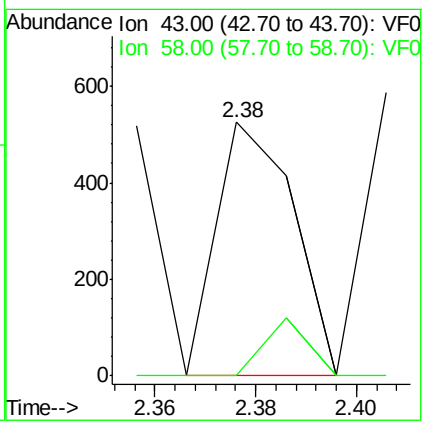


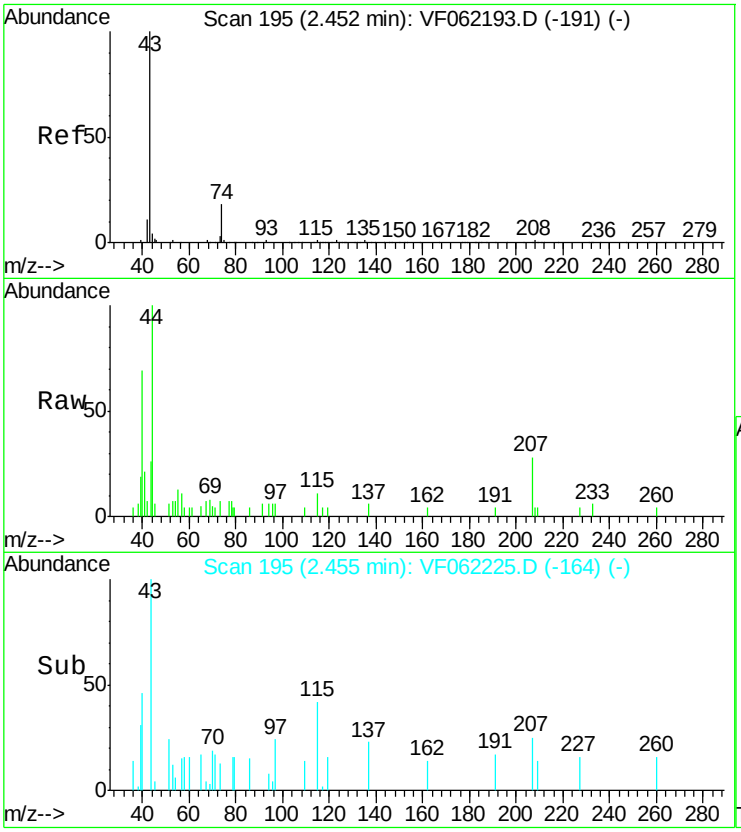


#16
Acetone
Concen: 21.318 ug/l
RT: 2.38 min Scan# 187
Delta R.T. 0.03 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 43 Resp: 556

Ion	Ratio	Lower	Upper
43	100		
58	0.0	18.8	28.2#



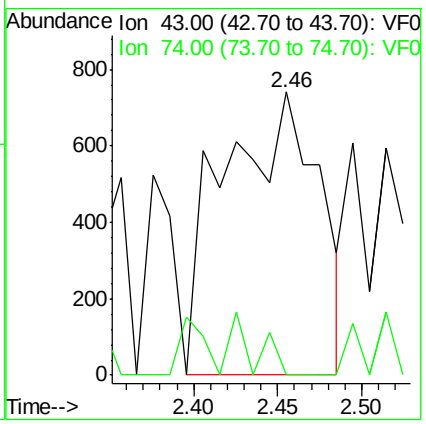


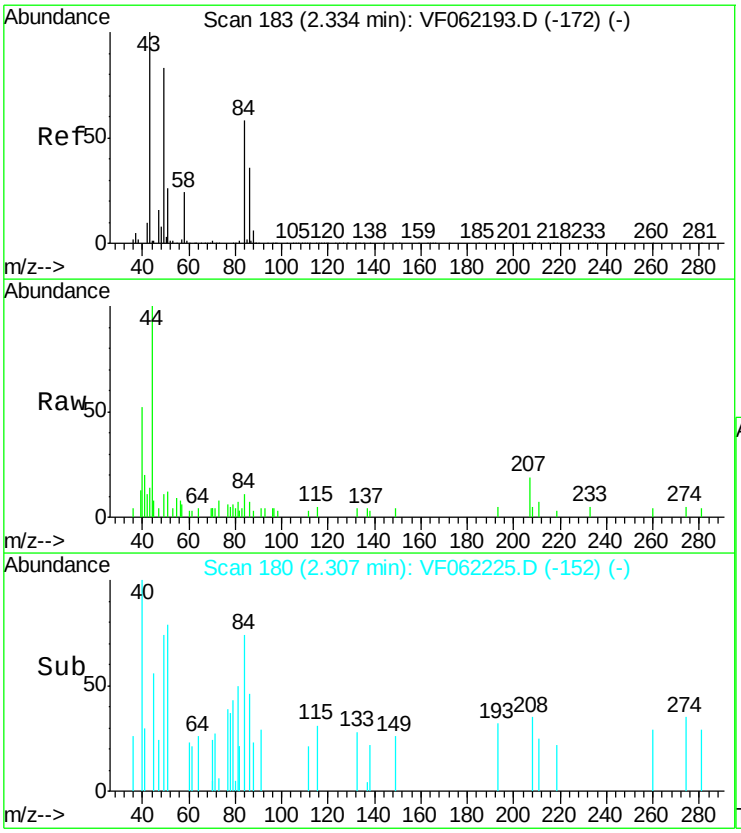
#18
Methyl Acetate
Concen: 51.990 ug/l
RT: 2.46 min Scan# 195
Delta R.T. 0.00 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 43 Resp: 2908

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.5	21.7#

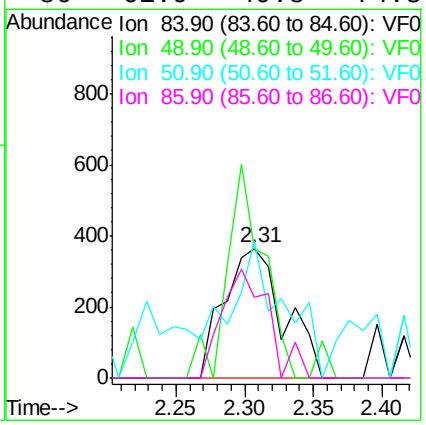


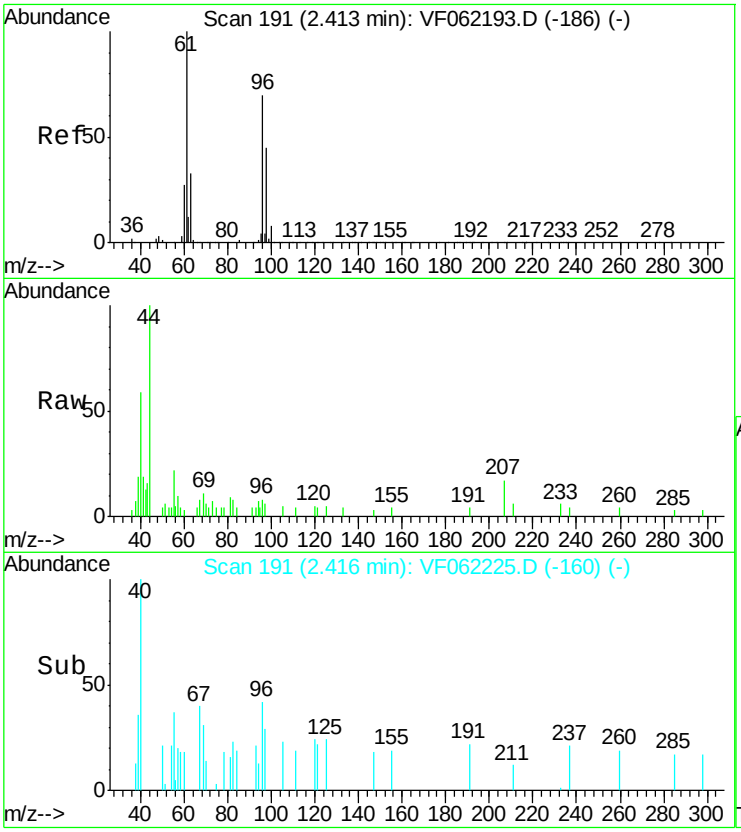


#20
Methylene Chloride
Concen: 2.668 ug/l
RT: 2.31 min Scan# 180
Delta R.T. -0.03 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 84 Resp: 1101

Ion	Ratio	Lower	Upper
84	100		
49	99.7	114.0	171.0#
51	76.4	37.0	55.4#
86	61.9	49.8	74.8



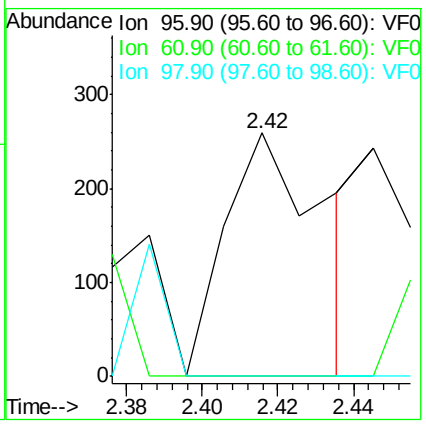


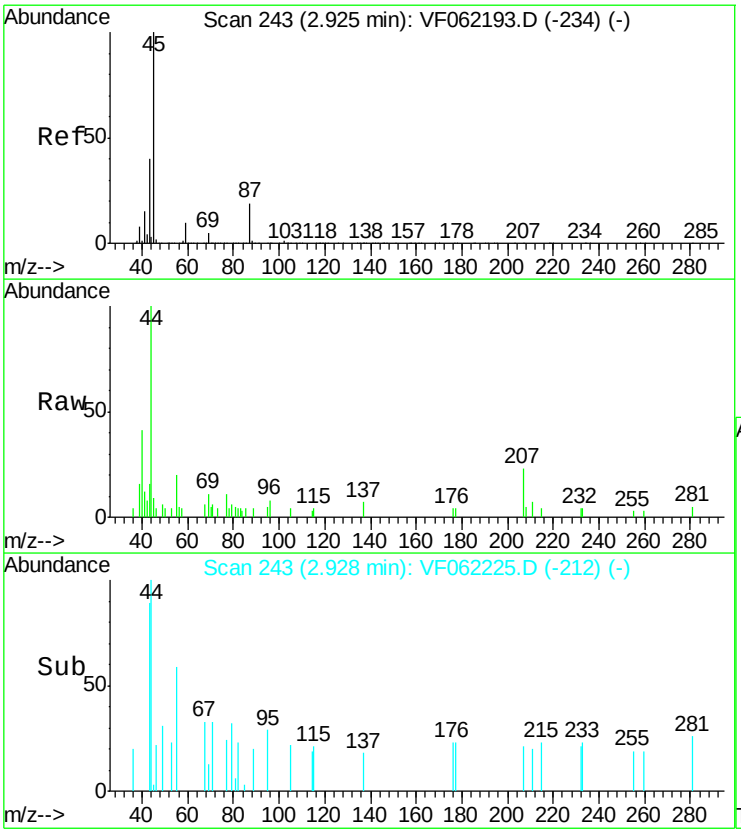
#21
trans-1,2-Dichloroethene
Concen: 3.540 ug/l
RT: 2.42 min Scan# 191
Delta R.T. 0.00 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion: 96 Resp: 464

Ion	Ratio	Lower	Upper
96	100		
61	0.0	114.6	172.0#
98	0.0	51.2	76.8#

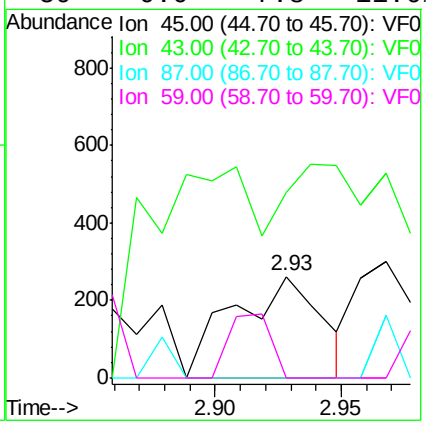


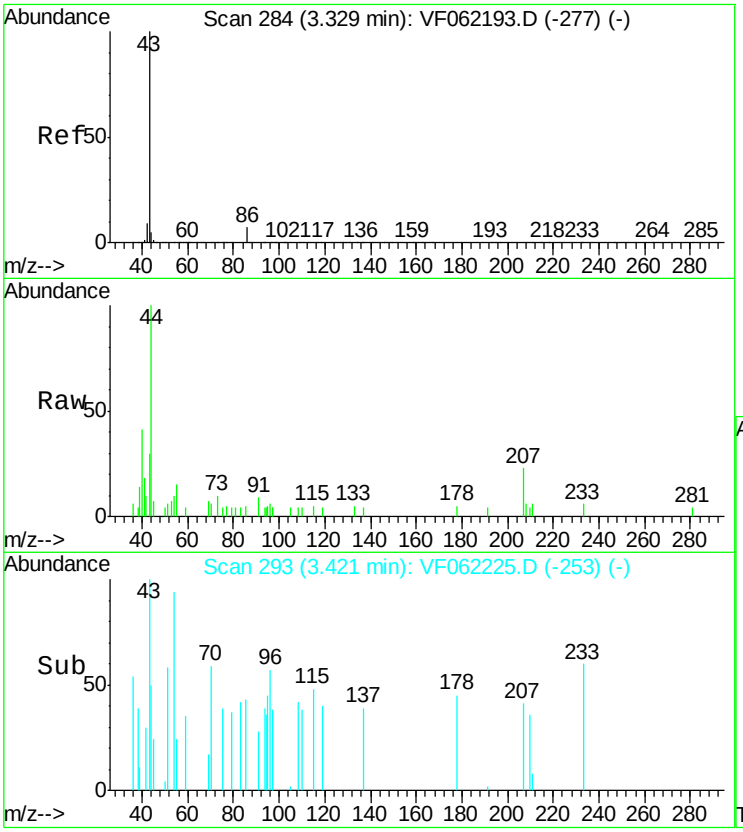


#22
Diisopropyl ether
Concen: 1.632 ug/l
RT: 2.93 min Scan# 243
Delta R.T. 0.00 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 45 Resp: 635

Ion	Ratio	Lower	Upper
45	100		
43	0.0	32.8	49.2#
87	0.0	15.2	22.8#
59	0.0	7.8	11.6#



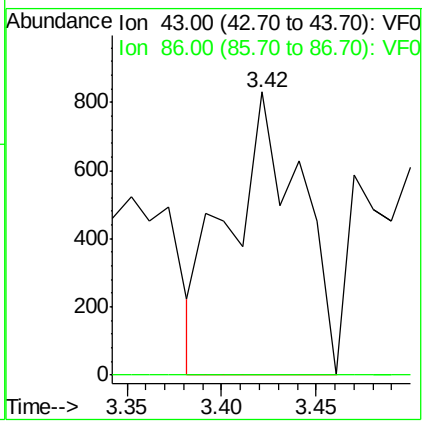


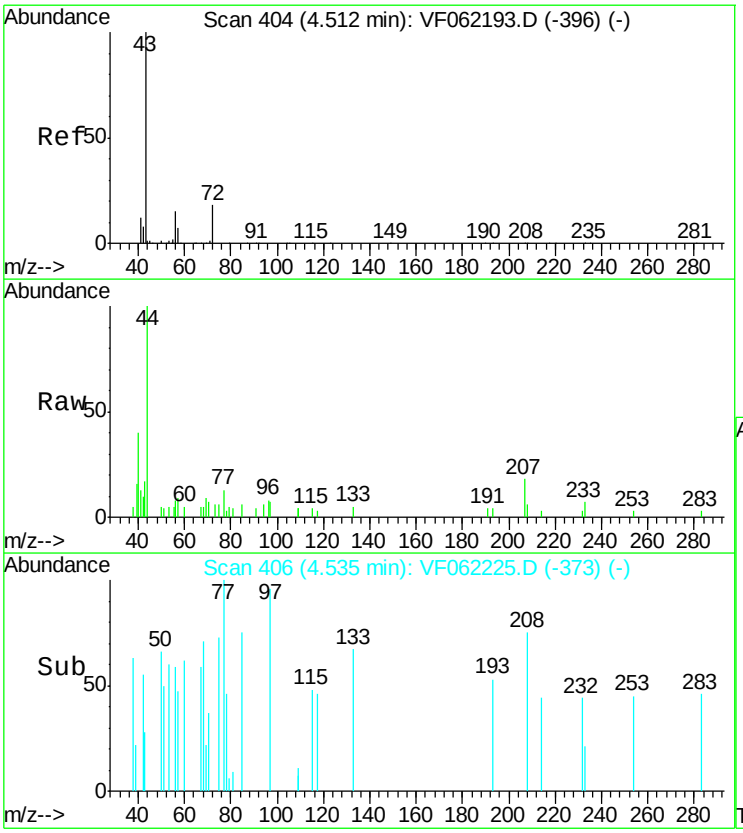
#23
Vinyl Acetate
Concen: 11.817 ug/l
RT: 3.42 min Scan# 293
Delta R.T. 0.09 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 43 Resp: 2191

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.9	8.9#

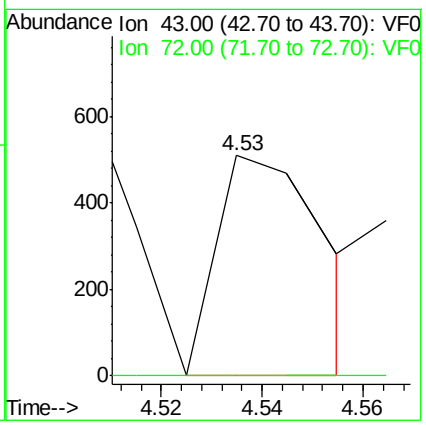


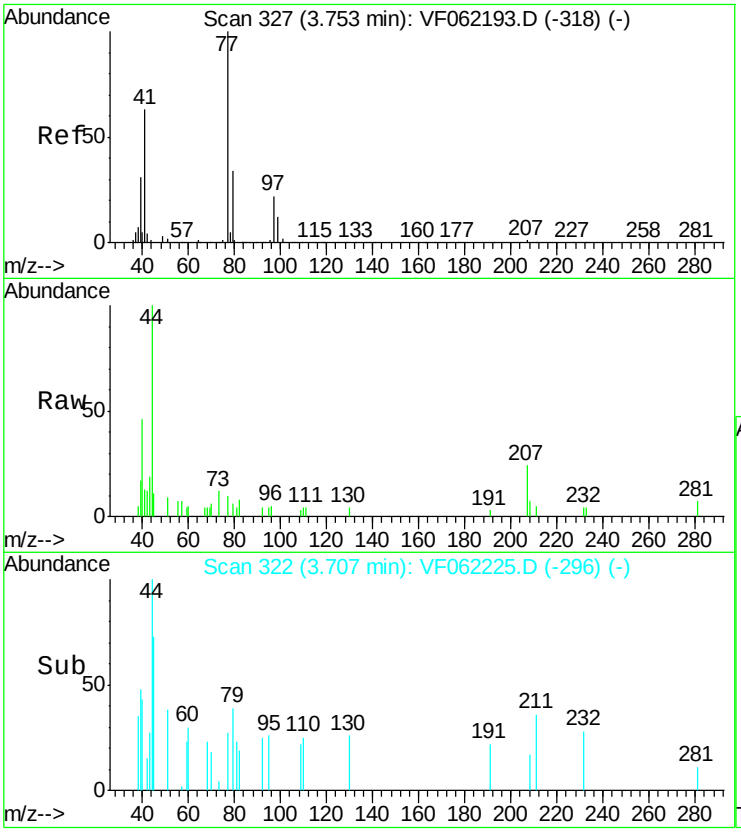


#25
2-Butanone
Concen: 14.304 ug/l
RT: 4.53 min Scan# 406
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 43 Resp: 746

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.1	24.1#



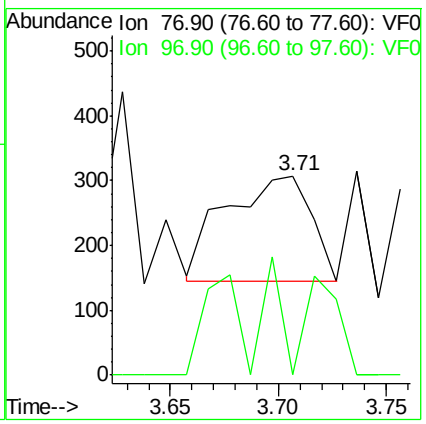


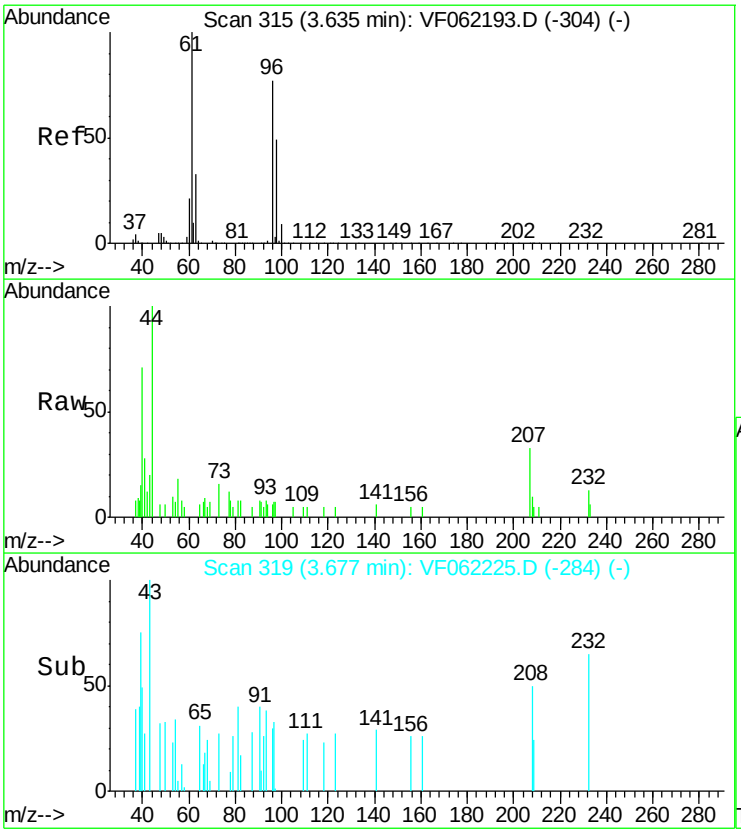
#26
2,2-Dichloropropane
Concen: 4.140 ug/l
RT: 3.71 min Scan# 322
Delta R.T. -0.05 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 77 Resp: 445

Ion	Ratio	Lower	Upper
77	100		
97	24.3	11.1	33.3

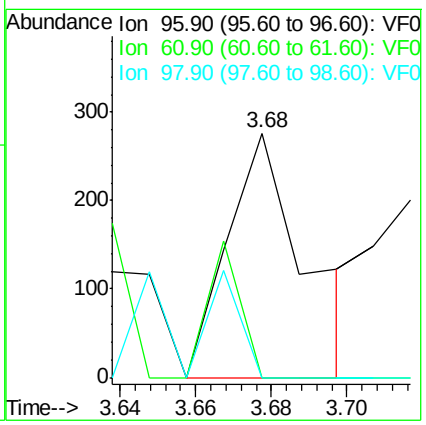


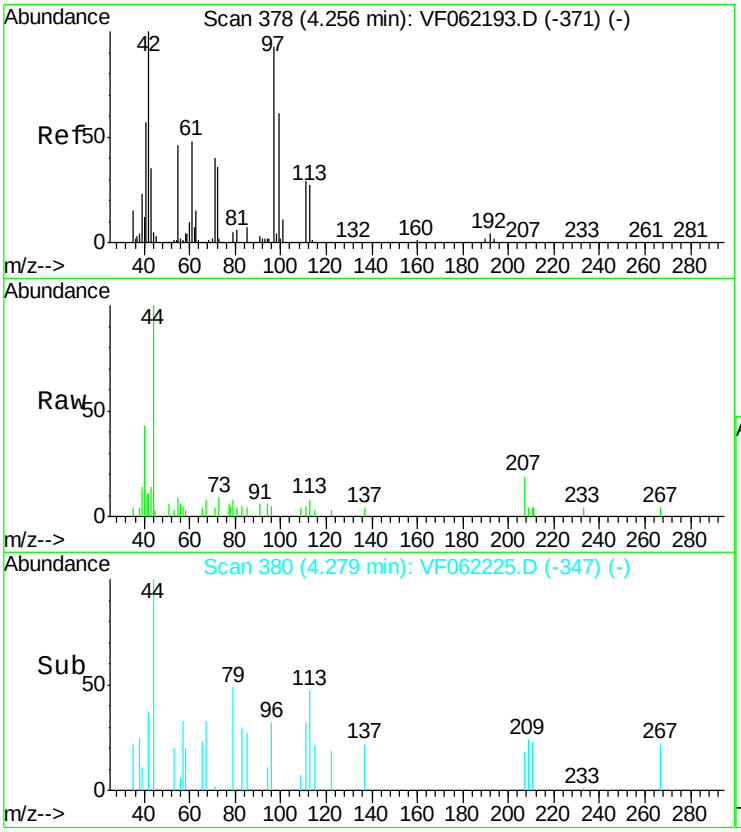


#27
cis-1,2-Dichloroethene
Concen: 2.297 ug/l
RT: 3.68 min Scan# 319
Delta R.T. 0.04 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 96 Resp: 390

Ion	Ratio	Lower	Upper
96	100		
61	23.3	0.0	253.6
98	36.4	0.0	124.8



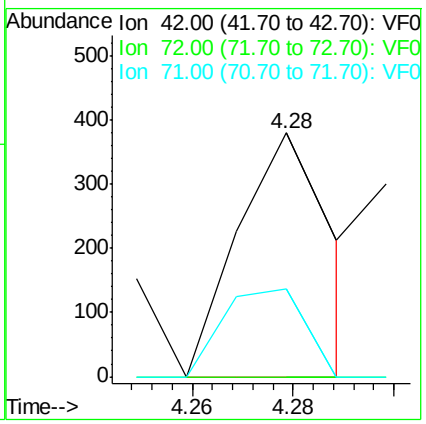


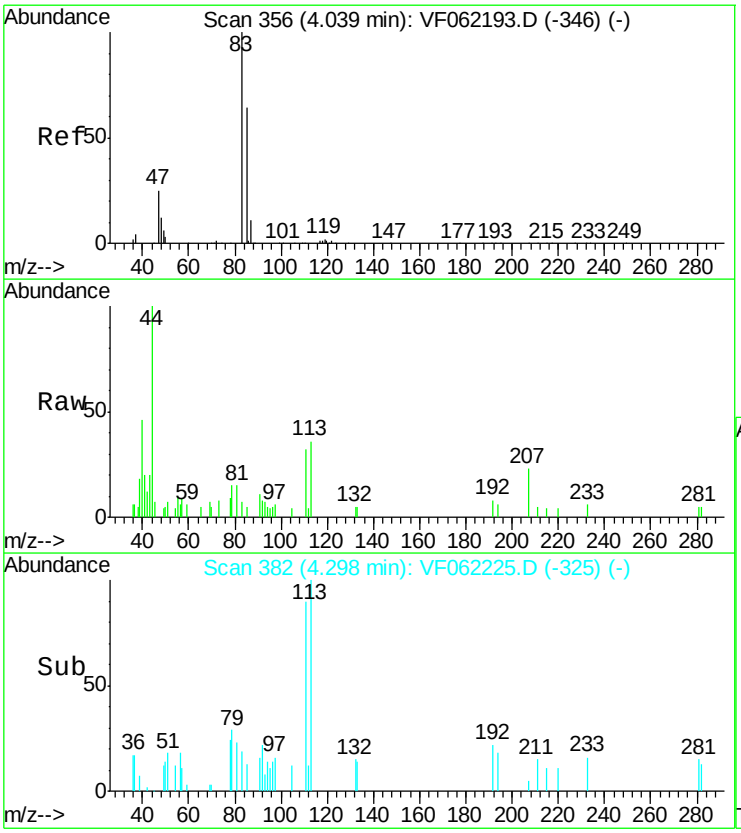
#29
Tetrahydrofuran
Concen: 20.504 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion: 42 Resp: 484

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.6	43.0#
71	31.8	29.2	43.8

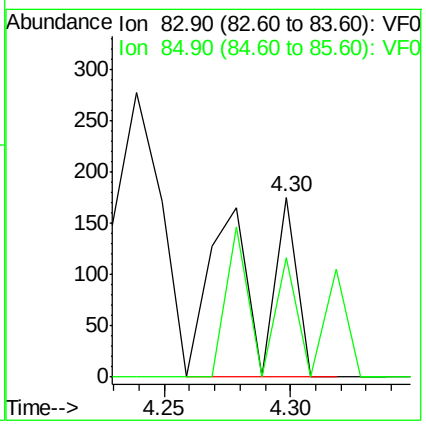


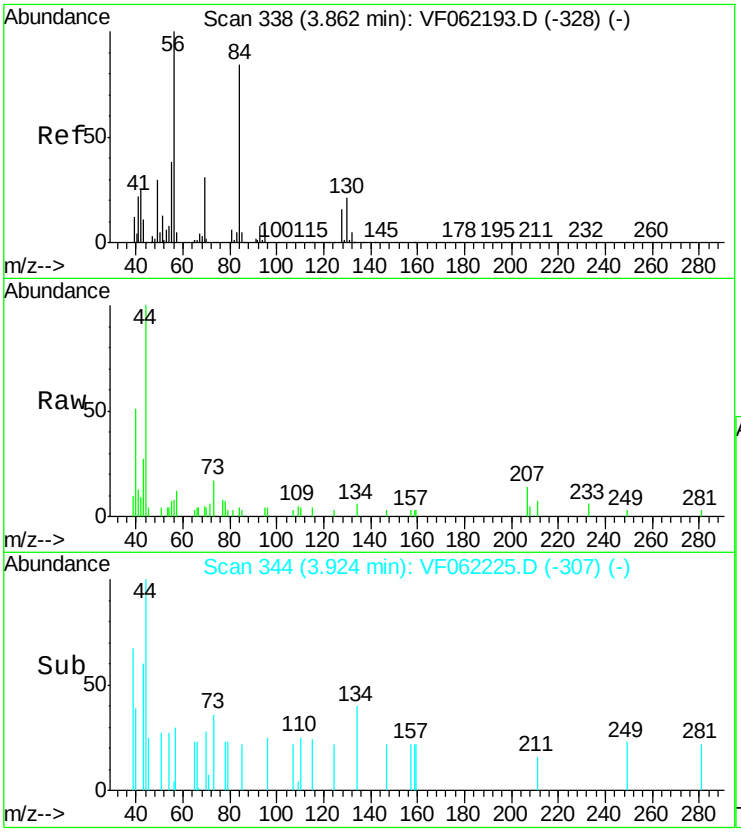


#30
Chloroform
Concen: 1.055 ug/l
RT: 4.30 min Scan# 382
Delta R.T. 0.26 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 83 Resp: 276

Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.8	77.8



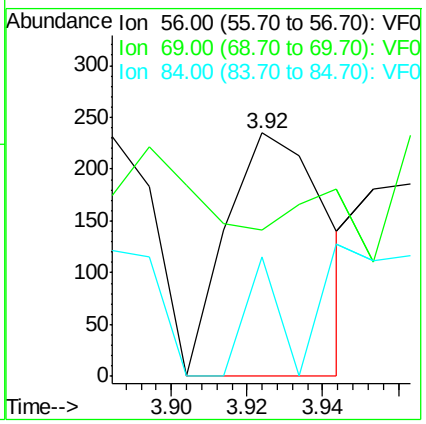


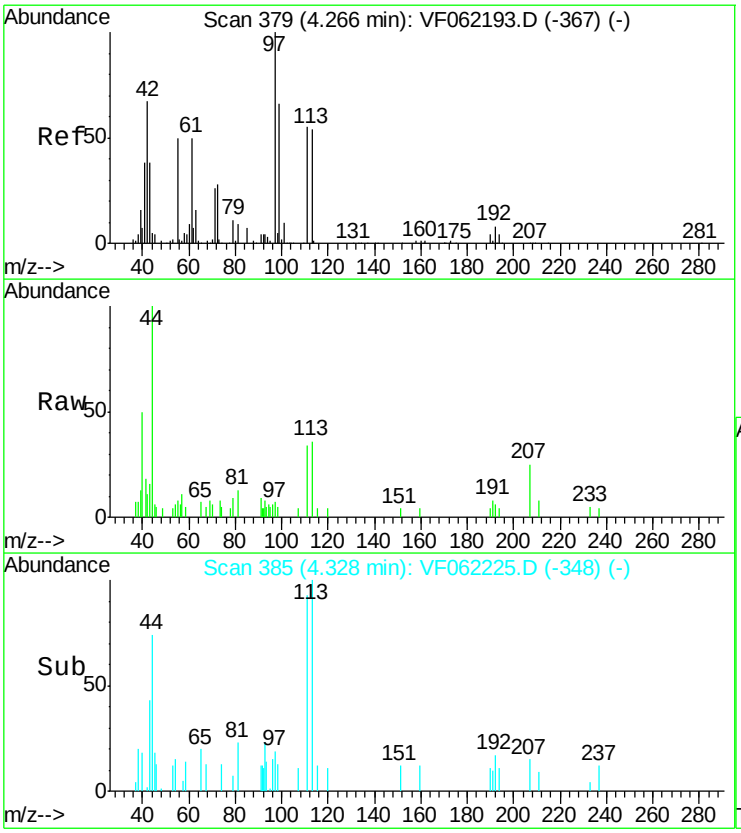
#31
Cyclohexane
Concen: 1.689 ug/l
RT: 3.92 min Scan# 344
Delta R.T. 0.06 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 56 Resp: 431

Ion	Ratio	Lower	Upper
56	100		
69	0.0	25.1	37.7#
84	48.9	67.8	101.6#

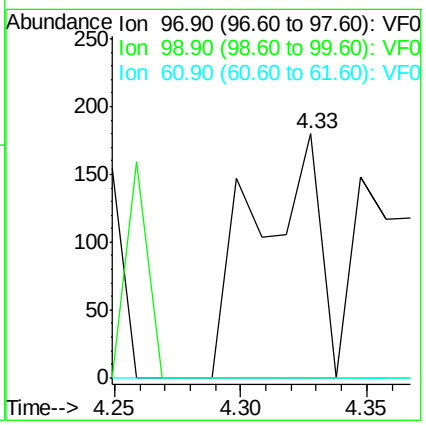


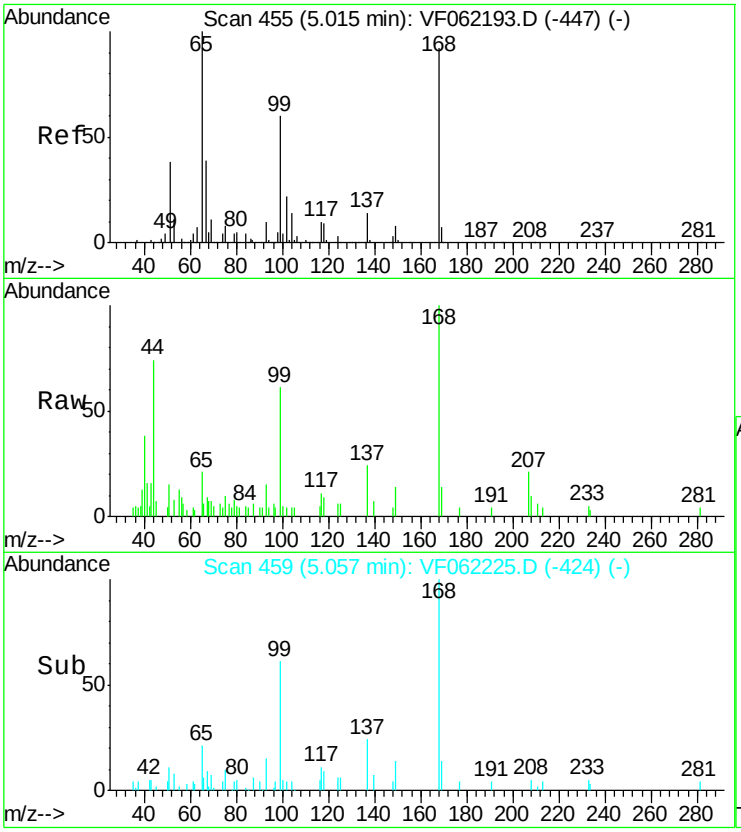


#32
1,1,1-Trichloroethane
Concen: 1.661 ug/l
RT: 4.33 min Scan# 385
Delta R.T. 0.06 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 97 Resp: 318

Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.7	79.1#
61	0.0	53.0	79.4#



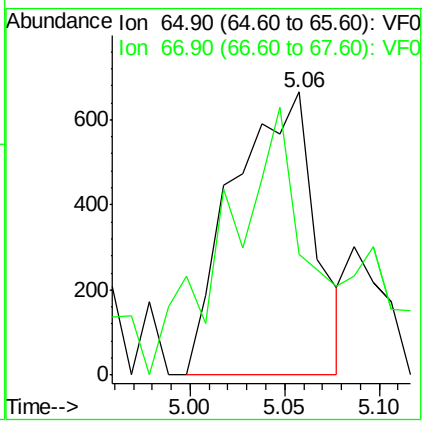


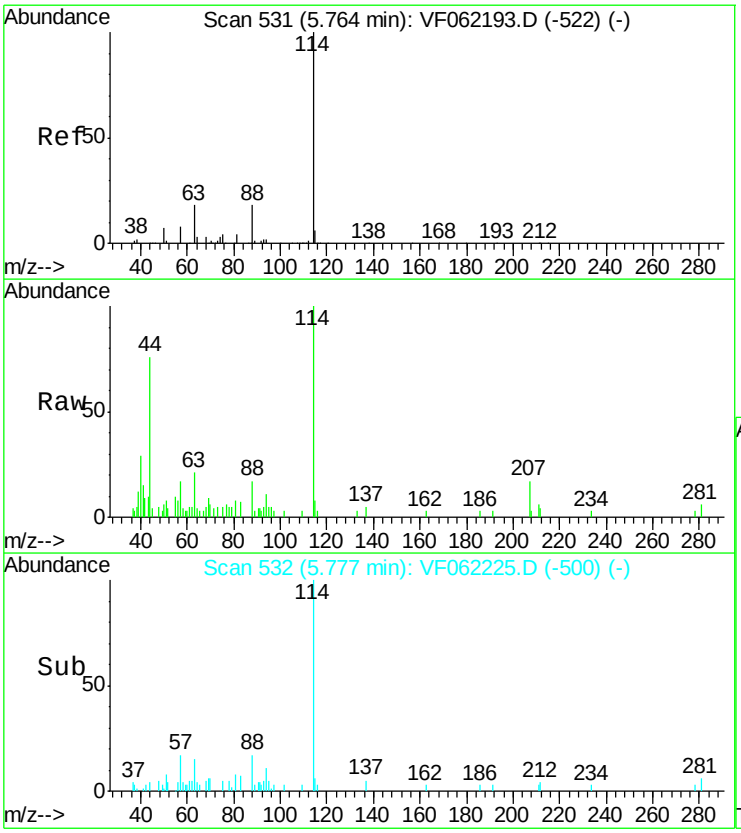
#33
1,2-Dichloroethane-d4
Concen: 18.476 ug/l
RT: 5.06 min Scan# 459
Delta R.T. 0.04 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion: 65 Resp: 2016

Ion	Ratio	Lower	Upper
65	100		
67	90.5	0.0	109.4

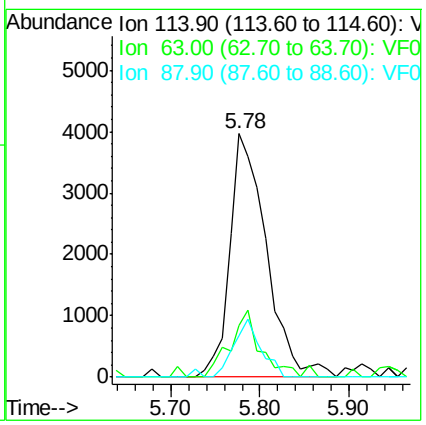


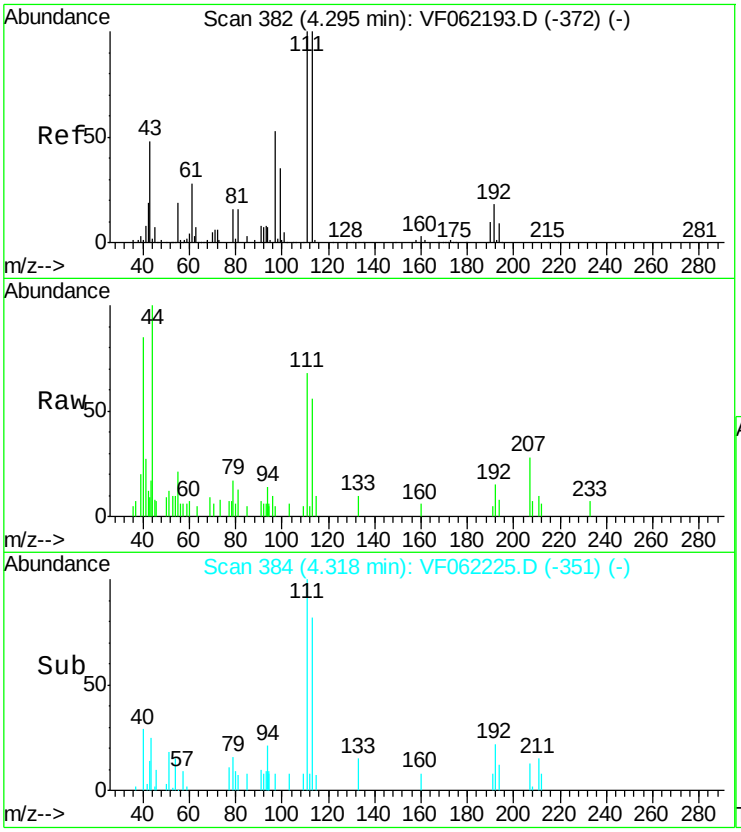


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.78 min Scan# 532
Delta R.T. 0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion:114 Resp: 11357

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	36.6
88	17.2	0.0	35.8



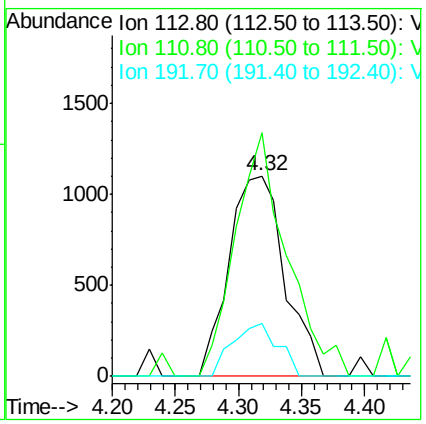


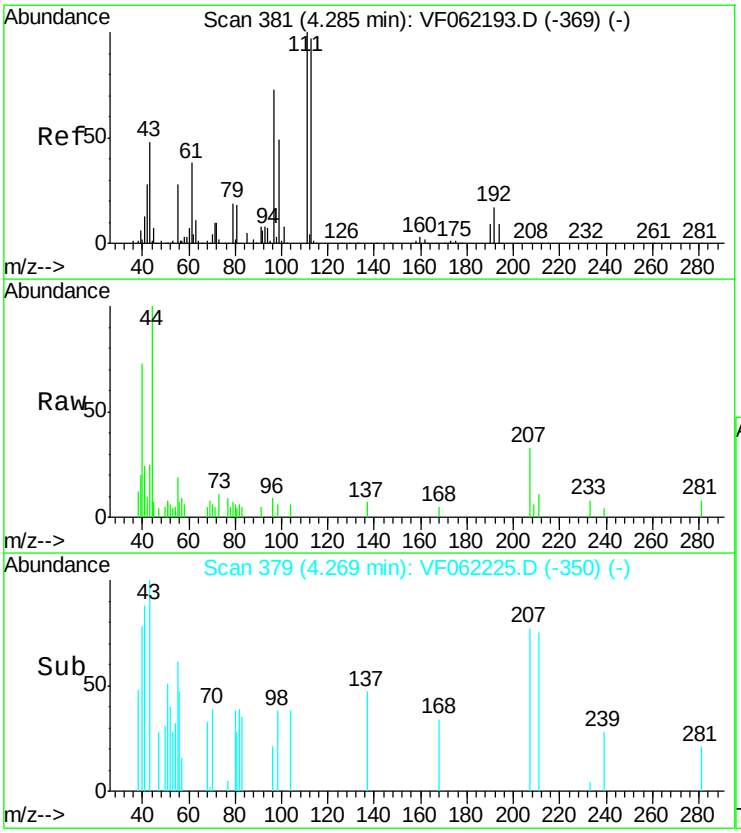
#35
Dibromofluoromethane
Concen: 34.033 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion:113 Resp: 3381

Ion	Ratio	Lower	Upper
113	100		
111	113.3	81.1	121.7
192	21.7	14.7	22.1

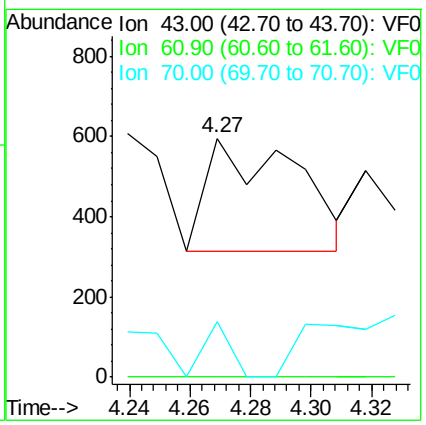


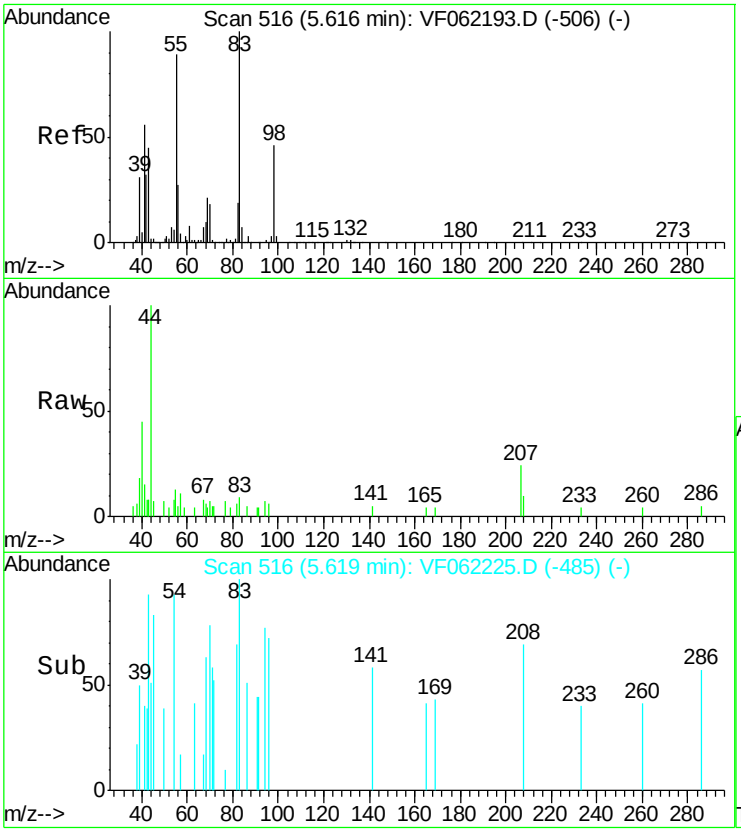


#37
Ethyl Acetate
Concen: 9.058 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 43 Resp: 582

Ion	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	0.0	7.8	11.6#



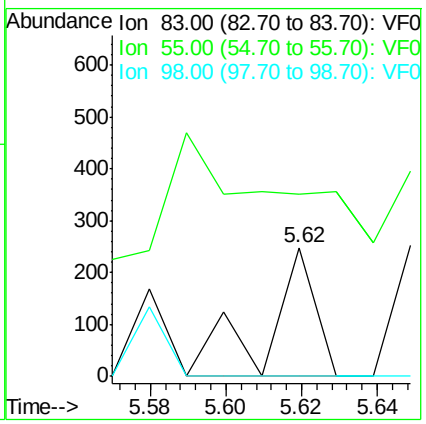


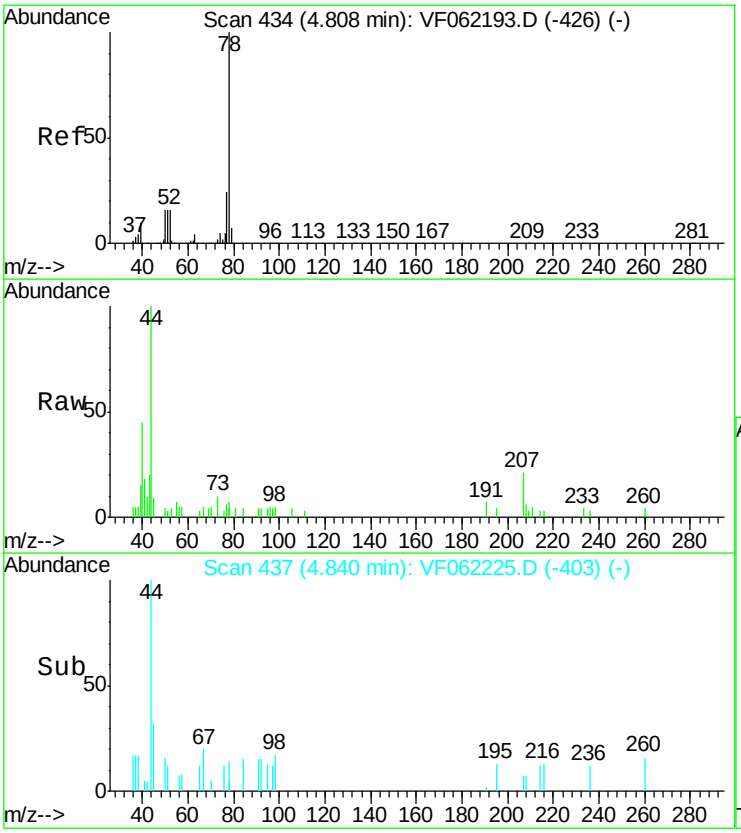
#39
Methylcyclohexane
Concen: 1.356 ug/l
RT: 5.62 min Scan# 516
Delta R.T. 0.00 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 83 Resp: 221

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.0	106.6#
98	0.0	36.7	55.1#

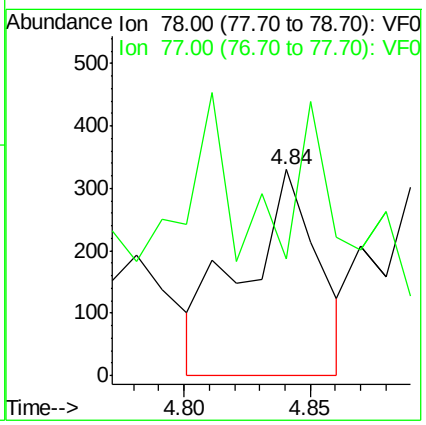


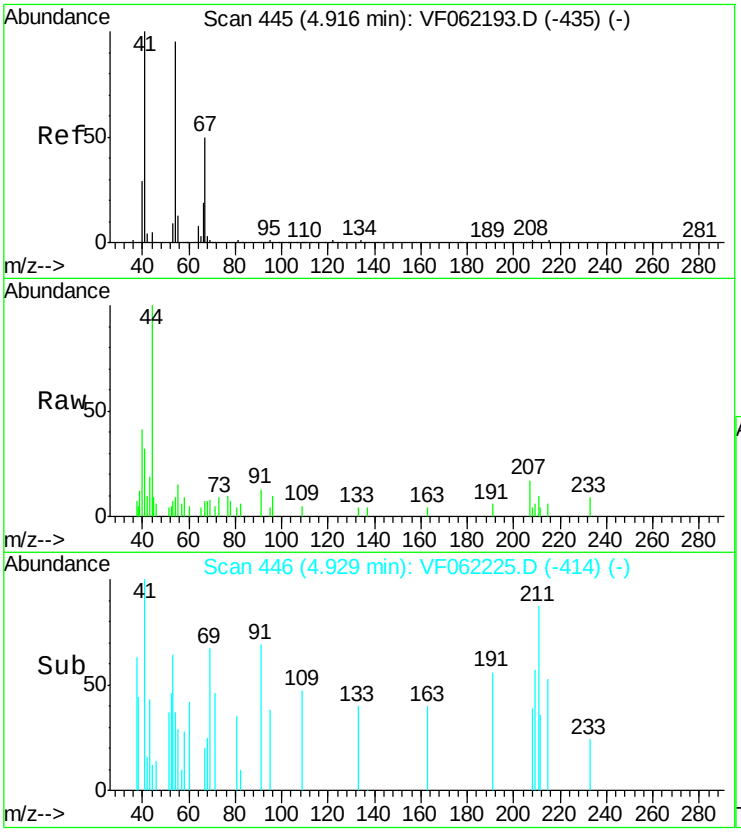


#40
Benzene
Concen: 1.915 ug/l
RT: 4.84 min Scan# 437
Delta R.T. 0.03 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 78 Resp: 684

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.9	28.3#



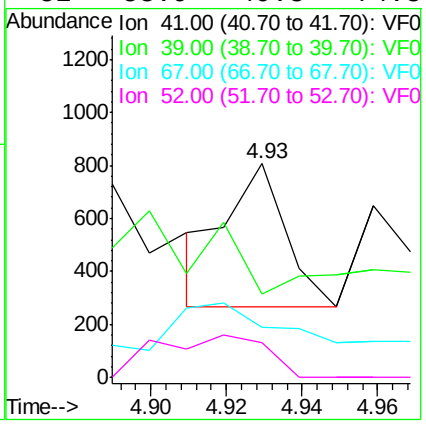


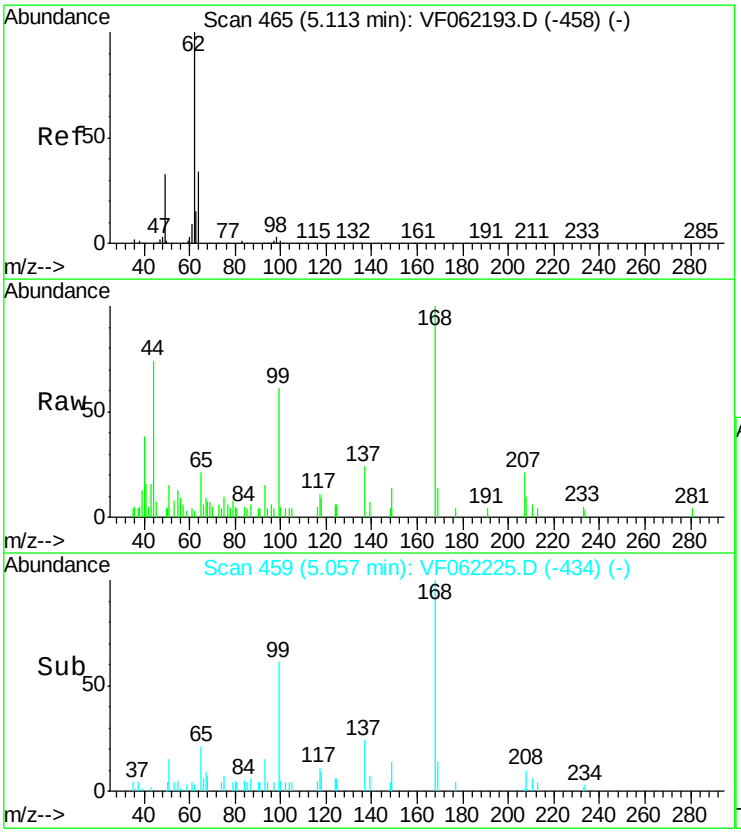
#41
Methacrylonitrile
Concen: 15.757 ug/l
RT: 4.93 min Scan# 446
Delta R.T. 0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion: 41 Resp: 584

Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.7	67.1#
67	170.4	39.1	58.7#
52	53.9	49.8	74.8

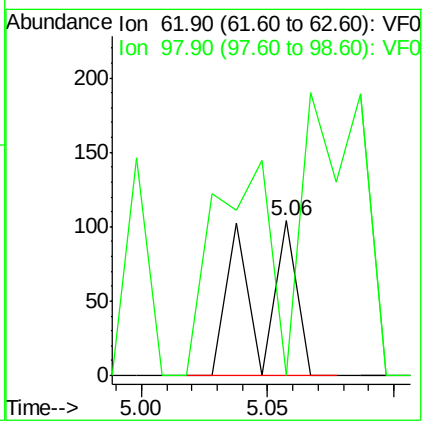


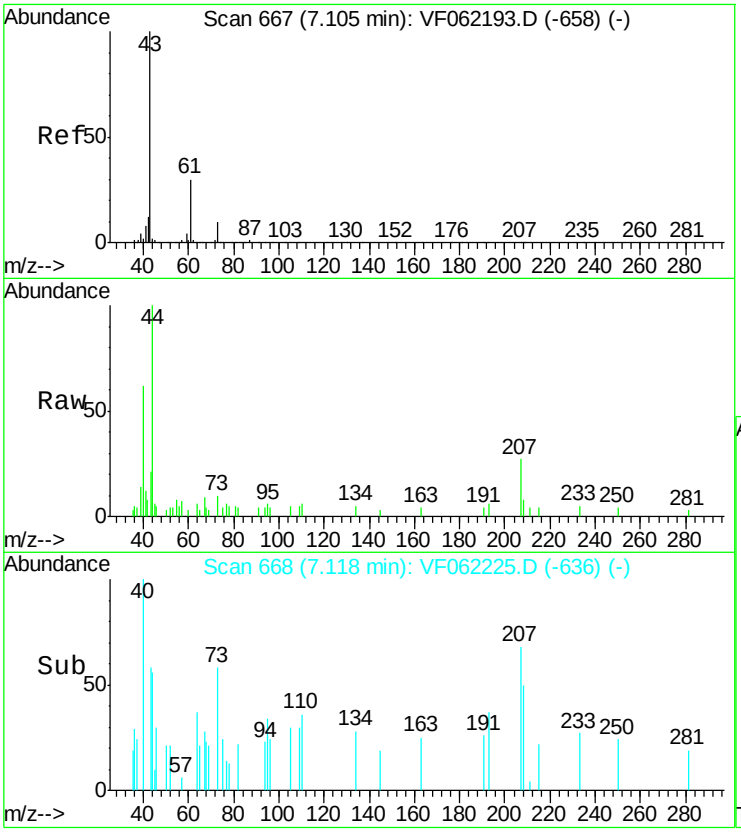


#42
1,2-Dichloroethane
Concen: 1.292 ug/l
RT: 5.06 min Scan# 459
Delta R.T. -0.06 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 62 Resp: 122

Ion	Ratio	Lower	Upper
62	100		
98	182.8	0.0	19.0#



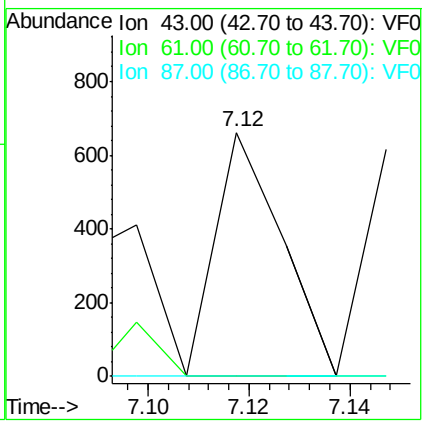


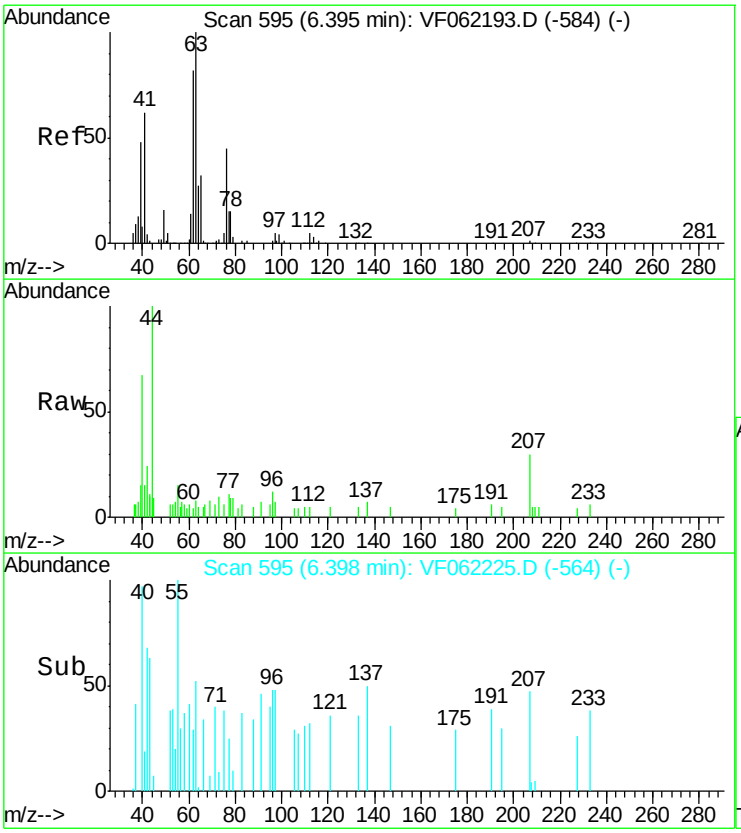
#43
Isopropyl Acetate
Concen: 8.879 ug/l
RT: 7.12 min Scan# 668
Delta R.T. 0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 43 Resp: 600

Ion	Ratio	Lower	Upper
43	100		
61	0.0	24.4	36.6#
87	0.0	0.4	0.6#

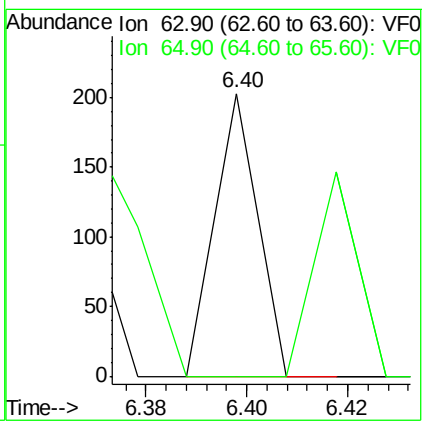


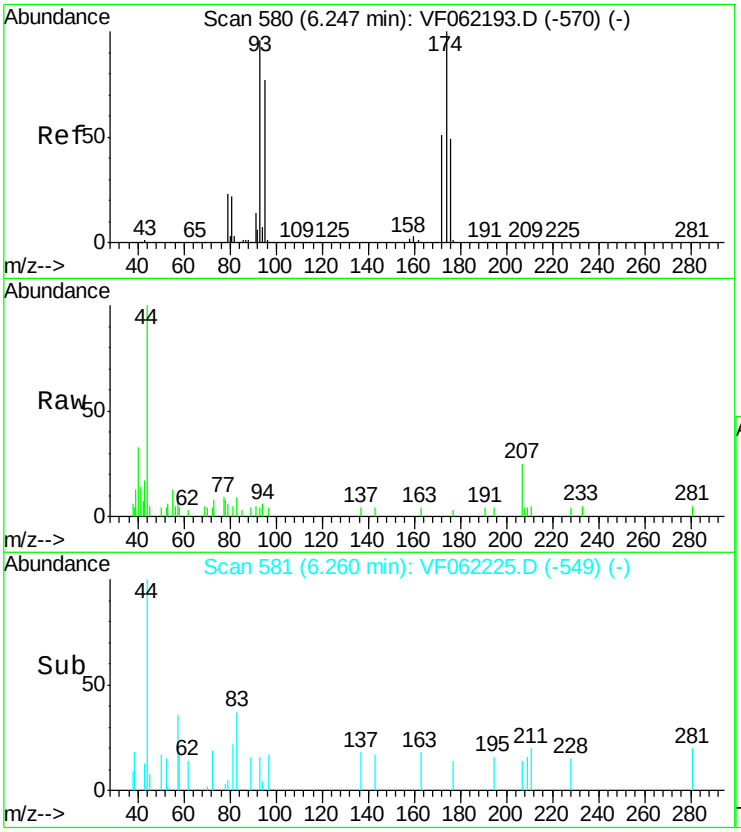


#45
1,2-Dichloropropane
Concen: 1.525 ug/l
RT: 6.40 min Scan# 595
Delta R.T. 0.00 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 63 Resp: 120

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.9	38.9#



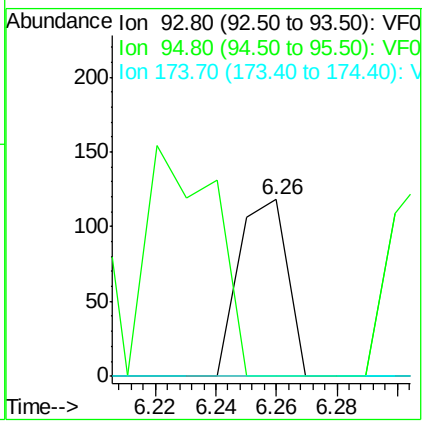


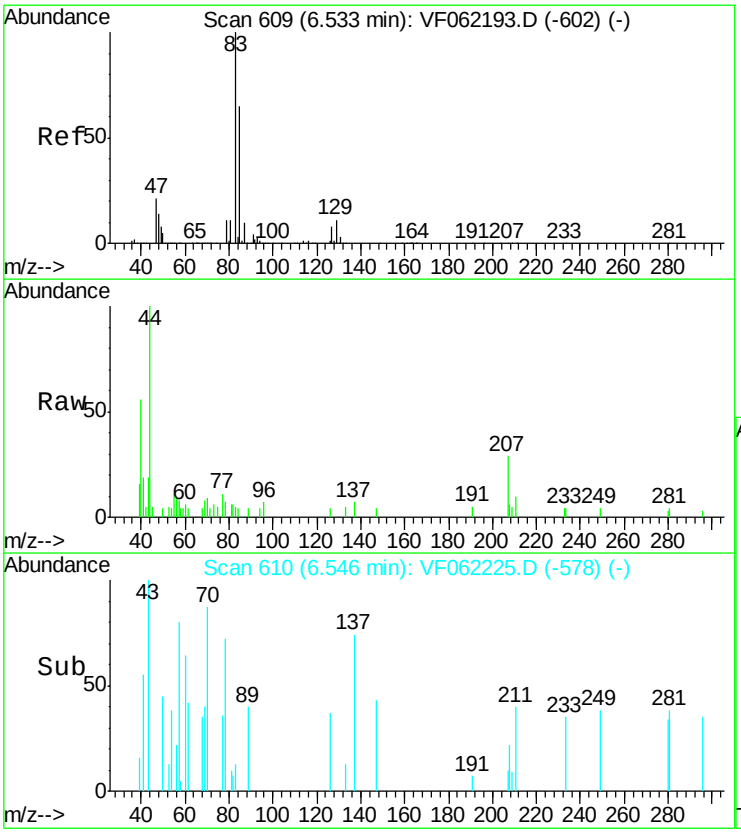
#46
Dibromomethane
Concen: 2.541 ug/l
RT: 6.26 min Scan# 581
Delta R.T. 0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion: 93 Resp: 133

Ion	Ratio	Lower	Upper
93	100		
95	0.0	65.1	97.7#
174	0.0	81.8	122.6#

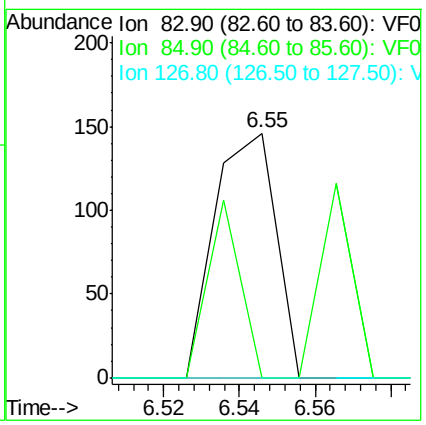


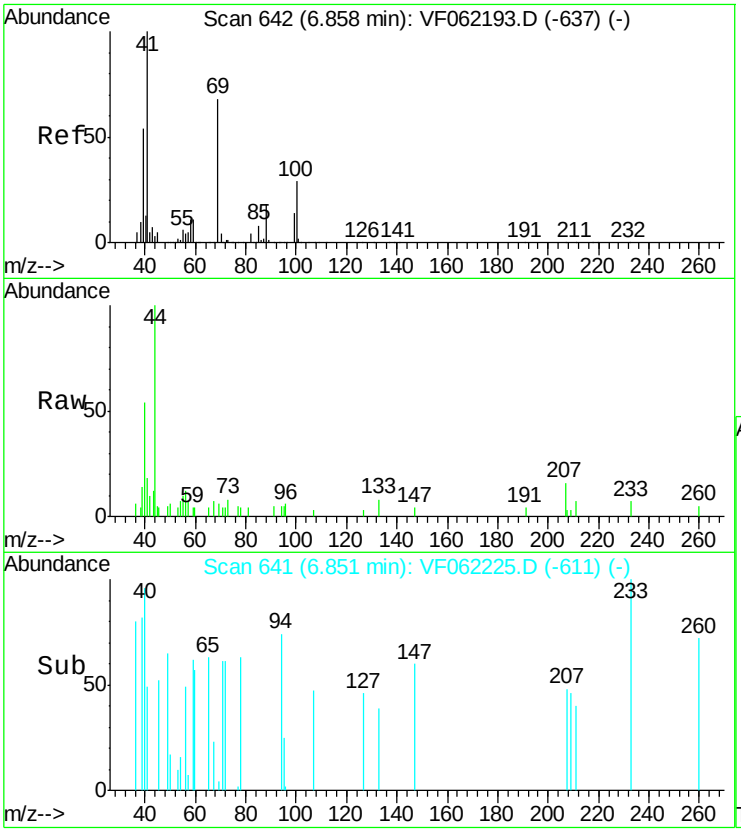


#47
Bromodichloromethane
Concen: 1.372 ug/l
RT: 6.55 min Scan# 610
Delta R.T. 0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 83 Resp: 162

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.2	78.4#
127	0.0	6.7	10.1#



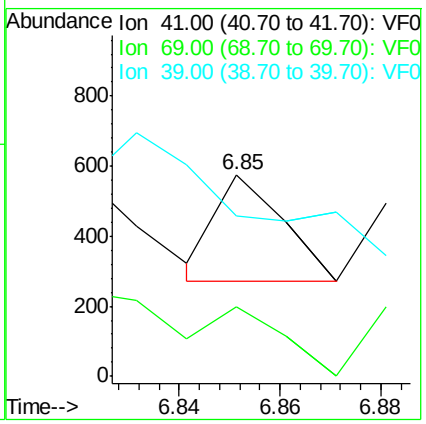


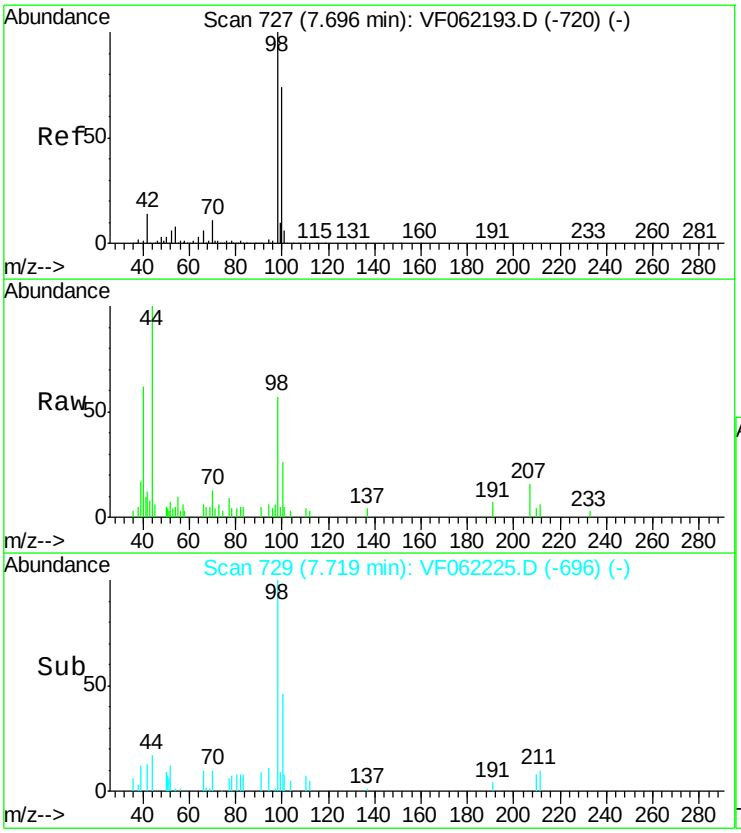
#48
Methyl methacrylate
Concen: 6.282 ug/l
RT: 6.85 min Scan# 641
Delta R.T. -0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 41 Resp: 279

Ion	Ratio	Lower	Upper
41	100		
69	0.0	54.9	82.3#
39	0.0	43.6	65.4#

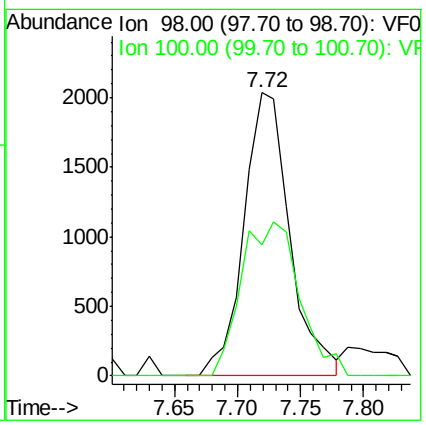


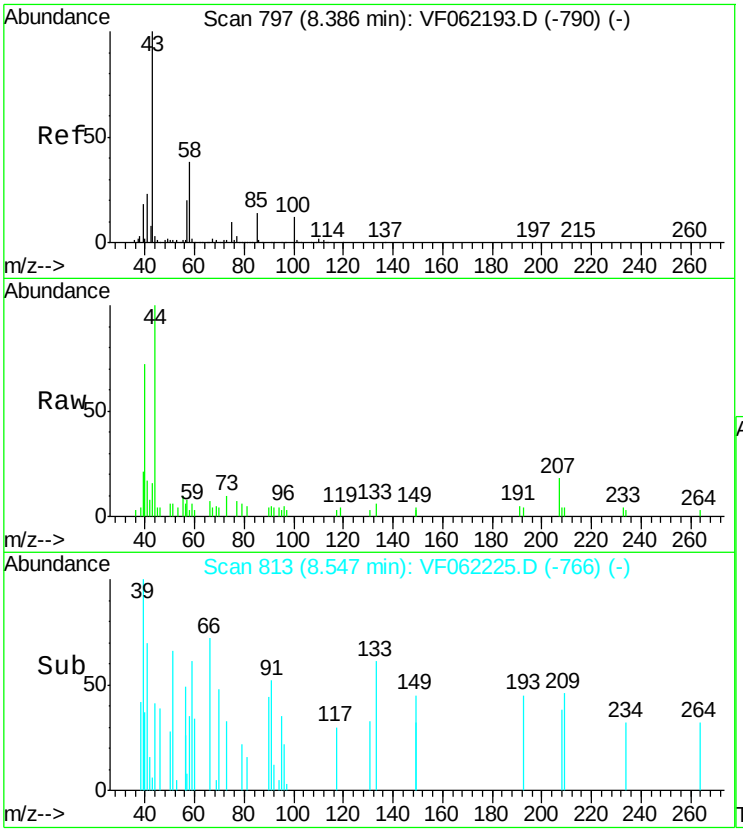


#50
Toluene-d8
Concen: 20.579 ug/l
RT: 7.72 min Scan# 729
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 98 Resp: 5175

Ion	Ratio	Lower	Upper
98	100		
100	68.9	56.2	84.2



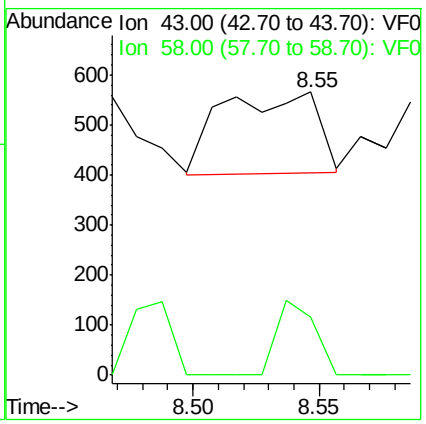


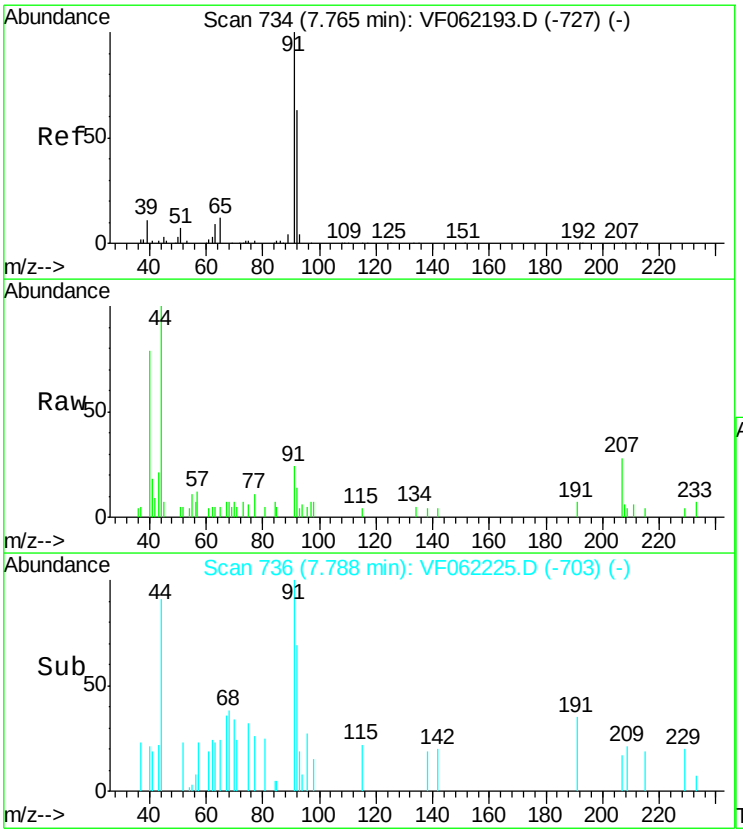
#51
4-Methyl-2-Pentanone
Concen: 8.555 ug/l
RT: 8.55 min Scan# 813
Delta R.T. 0.16 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 43 Resp: 430

Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.3	43.9

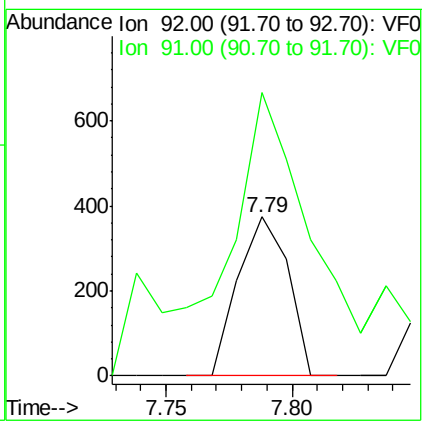


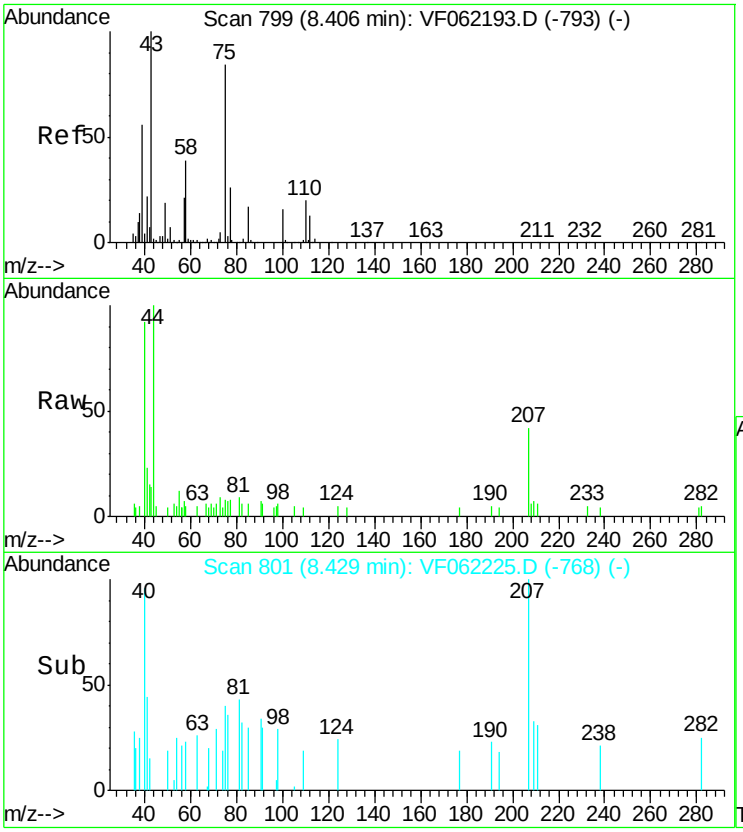


#52
Toluene
Concen: 2.741 ug/l
RT: 7.79 min Scan# 736
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 92 Resp: 516

Ion	Ratio	Lower	Upper
92	100		
91	330.4	130.1	195.1#



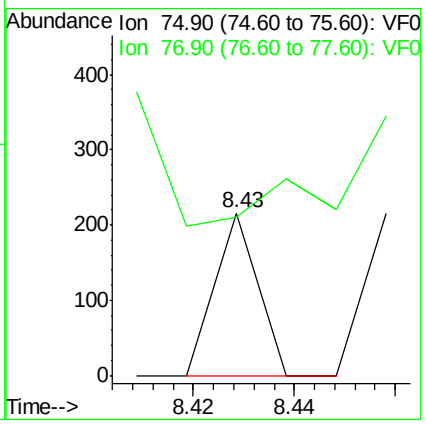


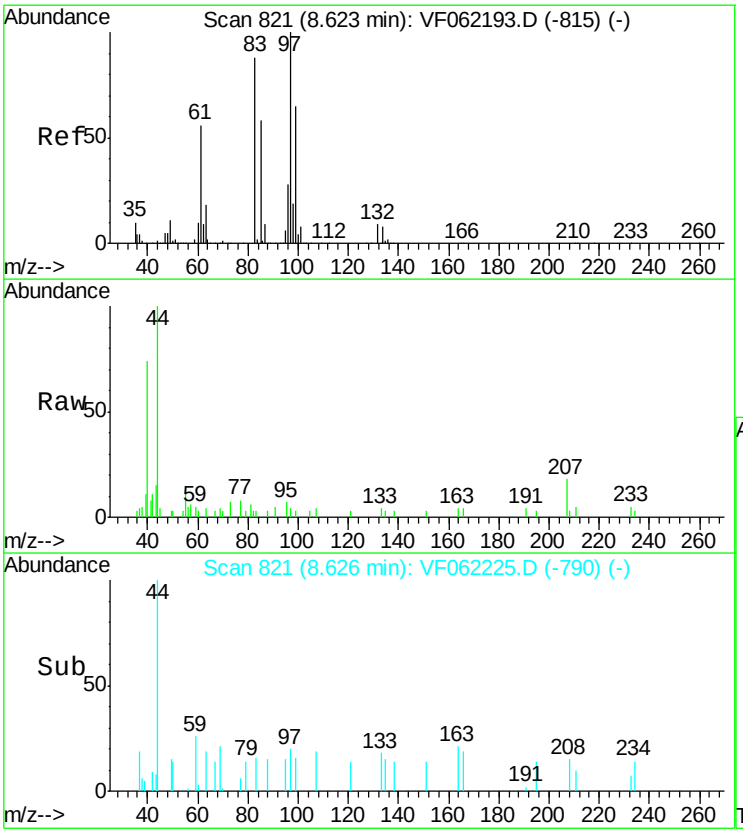
#53
t-1,3-Dichloropropene
Concen: 1.443 ug/l
RT: 8.43 min Scan# 801
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 75 Resp: 128

Ion	Ratio	Lower	Upper
75	100		
77	5.6	24.6	36.8#

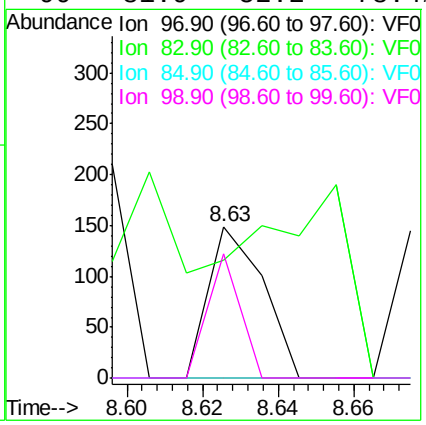


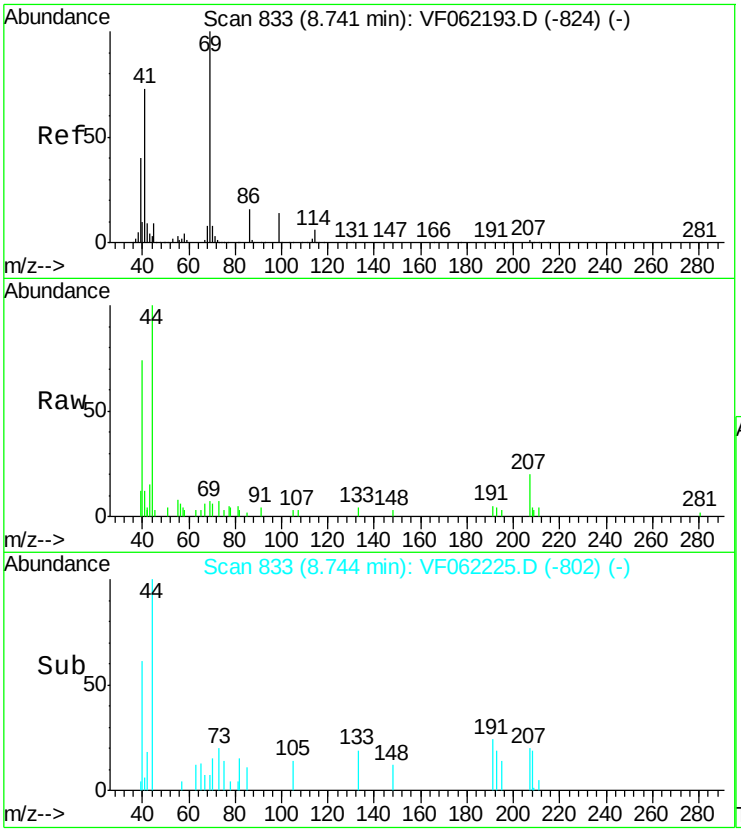


#55
1,1,2-Trichloroethane
Concen: 2.806 ug/l
RT: 8.63 min Scan# 821
Delta R.T. 0.00 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 97 Resp: 148

Ion	Ratio	Lower	Upper
97	100		
83	8.1	70.2	105.2#
85	0.0	46.2	69.4#
99	81.9	52.2	78.4#



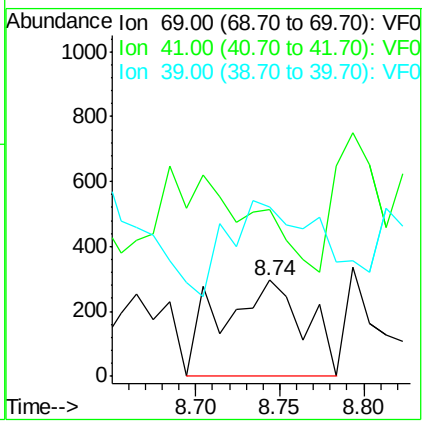


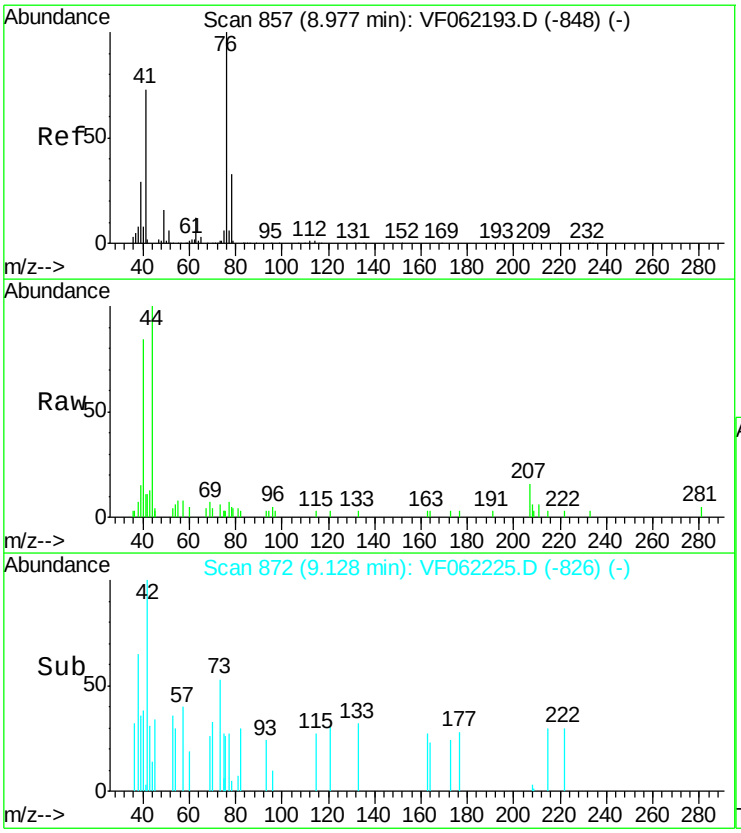
#56
Ethyl methacrylate
Concen: 16.710 ug/l
RT: 8.74 min Scan# 833
Delta R.T. 0.00 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 69 Resp: 1002

Ion	Ratio	Lower	Upper
69	100		
41	0.0	61.5	92.3#
39	125.0	33.3	49.9#

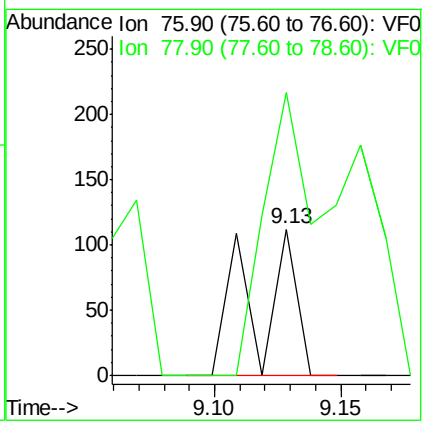


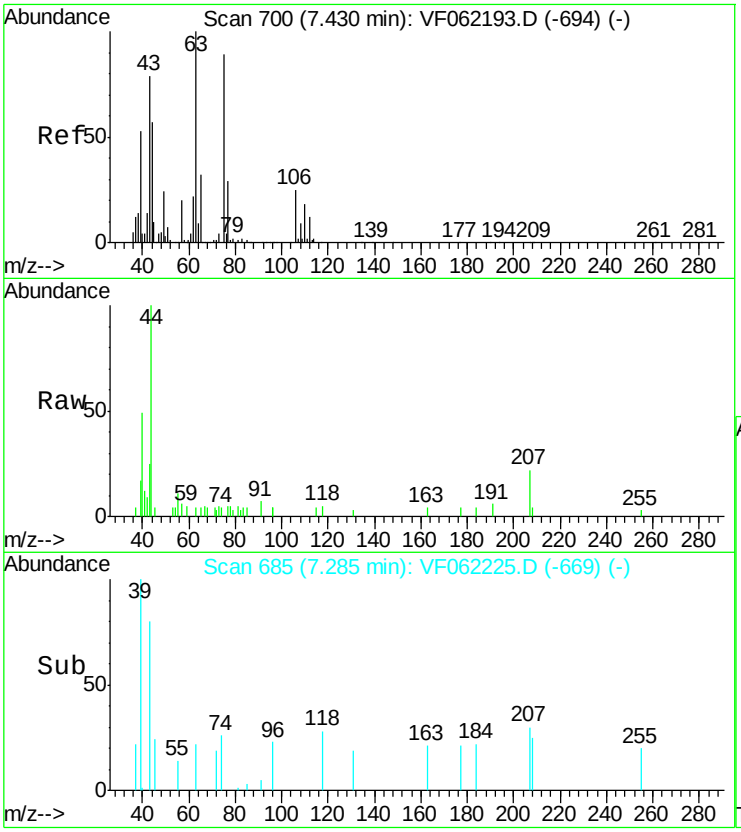


#57
1,3-Dichloropropane
Concen: 1.538 ug/l
RT: 9.13 min Scan# 872
Delta R.T. 0.15 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 76 Resp: 131

Ion	Ratio	Lower	Upper
76	100		
78	391.6	26.5	39.7#



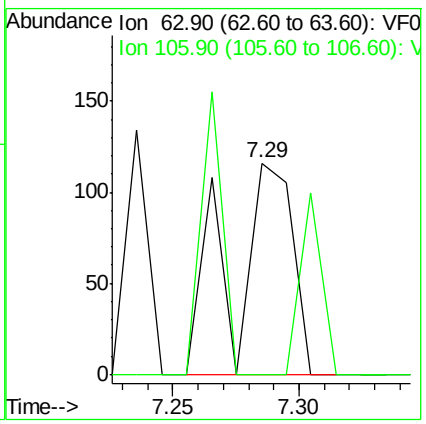


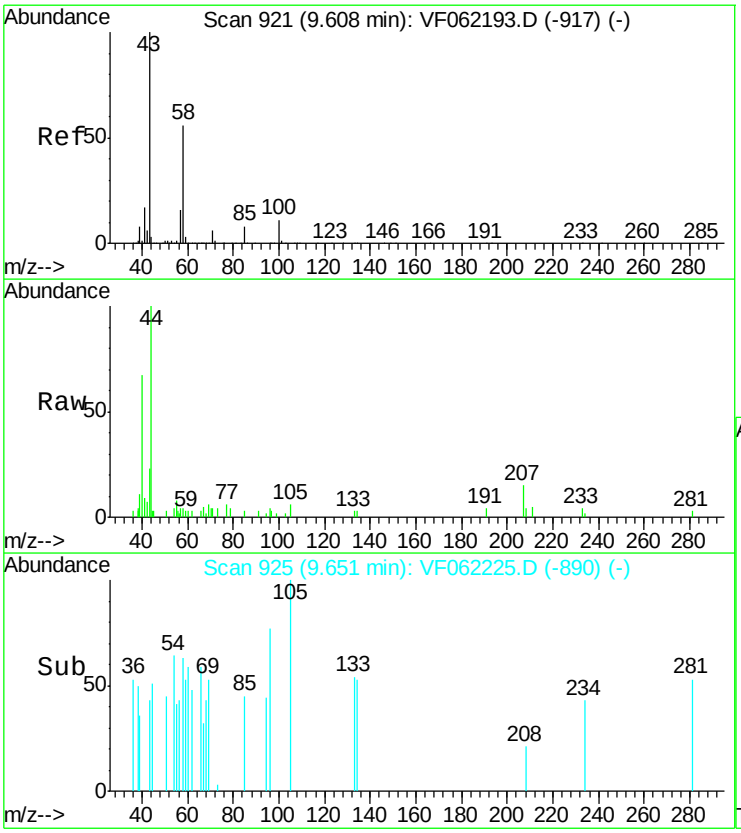
#58
2-Chloroethyl Vinyl ether
Concen: 11.201 ug/l
RT: 7.29 min Scan# 685
Delta R.T. -0.14 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion: 63 Resp: 195

Ion	Ratio	Lower	Upper
63	100		
106	30.3	21.4	32.0

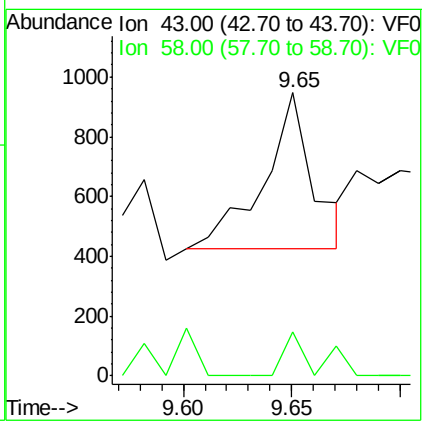


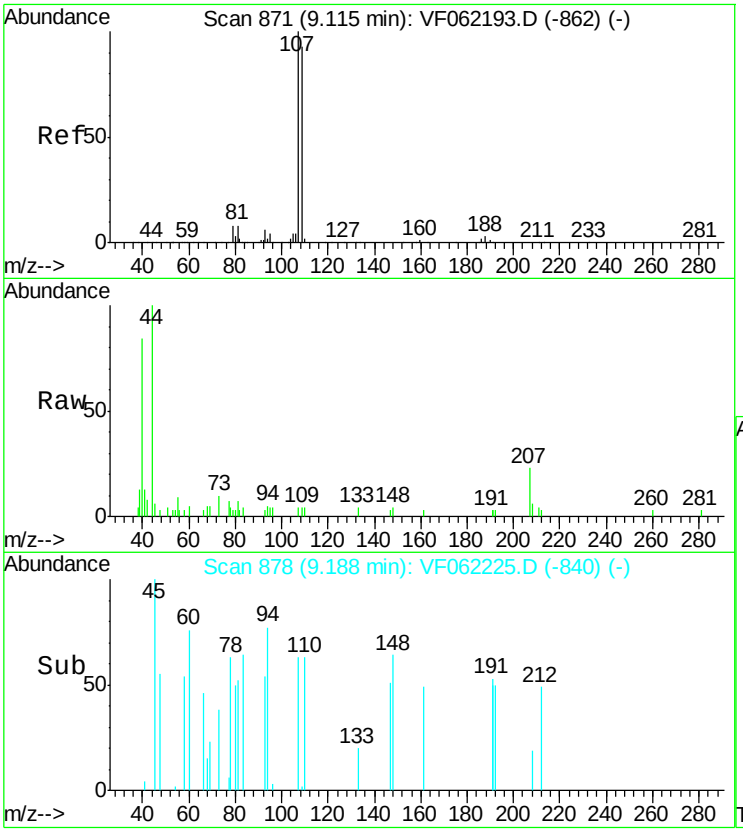


#59
2-Hexanone
Concen: 26.507 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.04 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 43 Resp: 827

Ion	Ratio	Lower	Upper
43	100		
58	17.9	24.6	74.0#



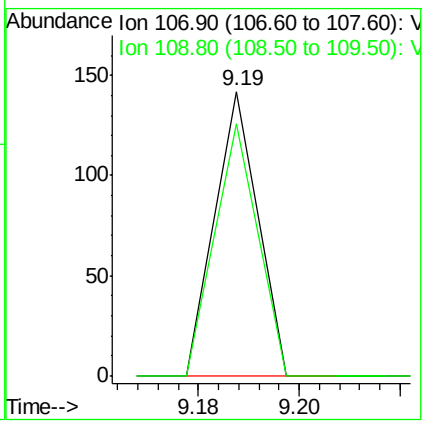


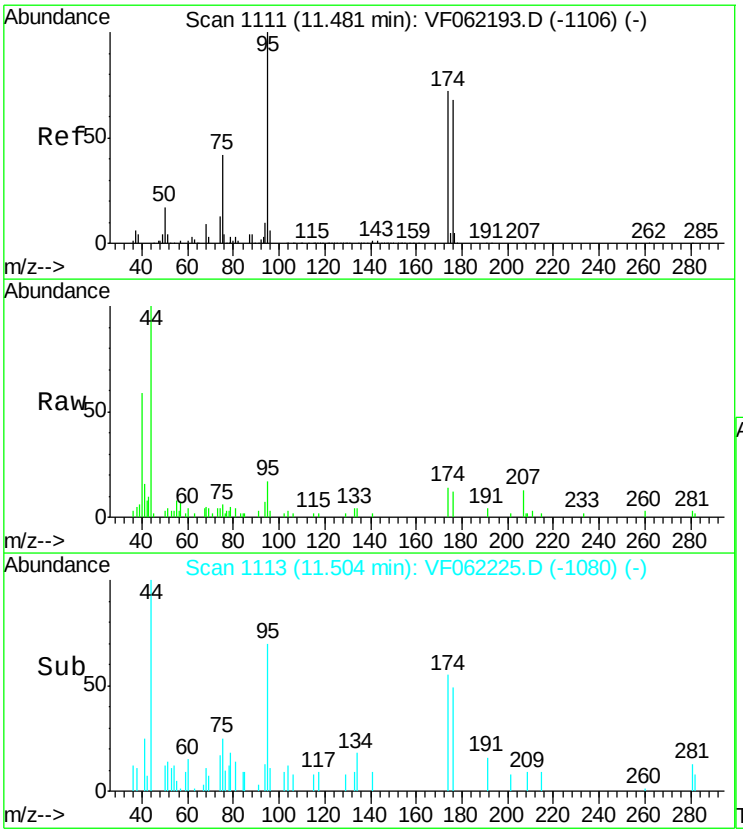
#61
1,2-Dibromoethane
Concen: 1.414 ug/l
RT: 9.19 min Scan# 878
Delta R.T. 0.07 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion:107 Resp: 84

Ion	Ratio	Lower	Upper
107	100		
109	89.3	74.3	111.5

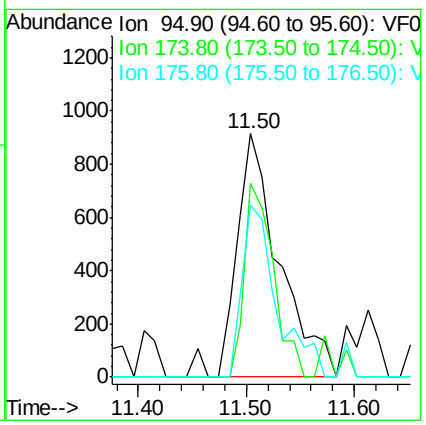


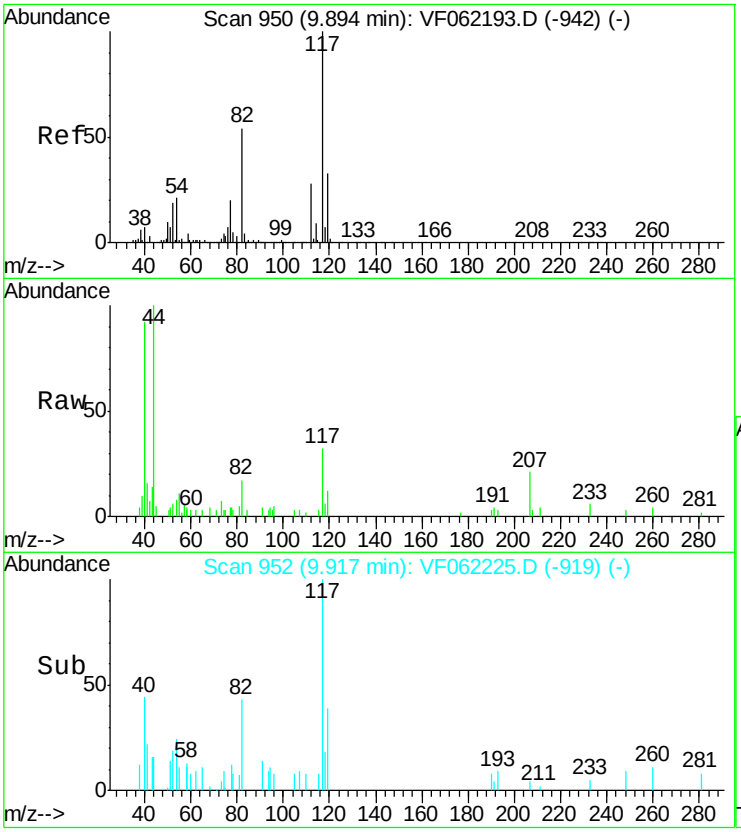


#62
4-Bromofluorobenzene
Concen: 26.008 ug/l
RT: 11.50 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 95 Resp: 2516

Ion	Ratio	Lower	Upper
95	100		
174	53.9	0.0	159.4
176	57.3	0.0	155.4



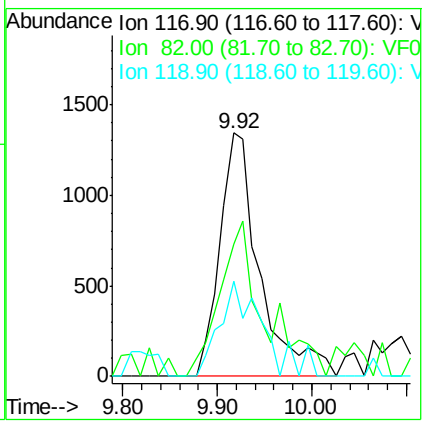


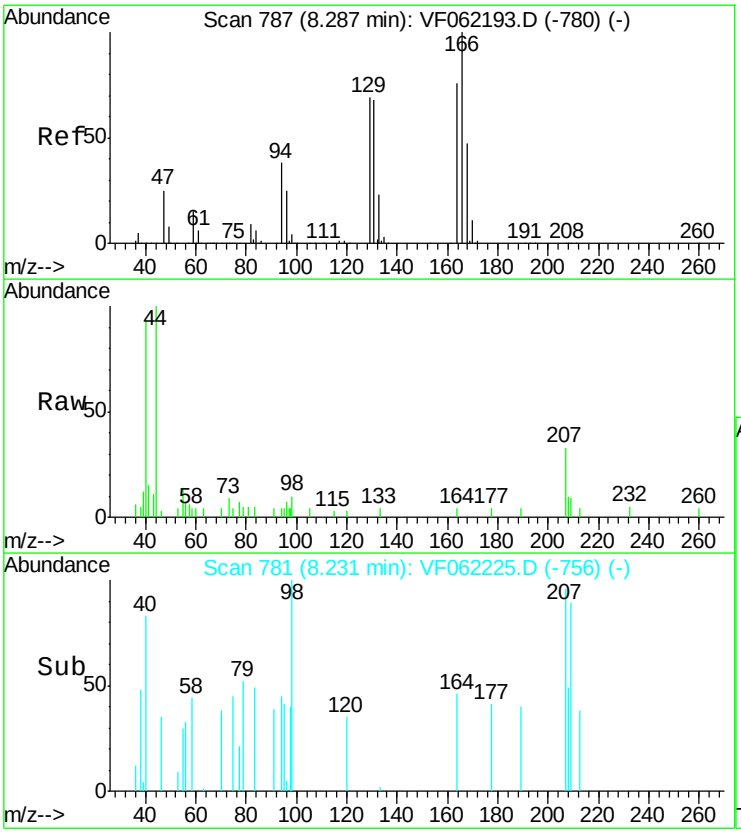
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion:117 Resp: 3936

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.2	64.8
119	39.0	26.2	39.4

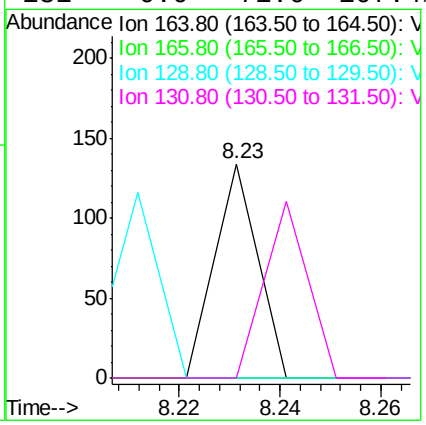


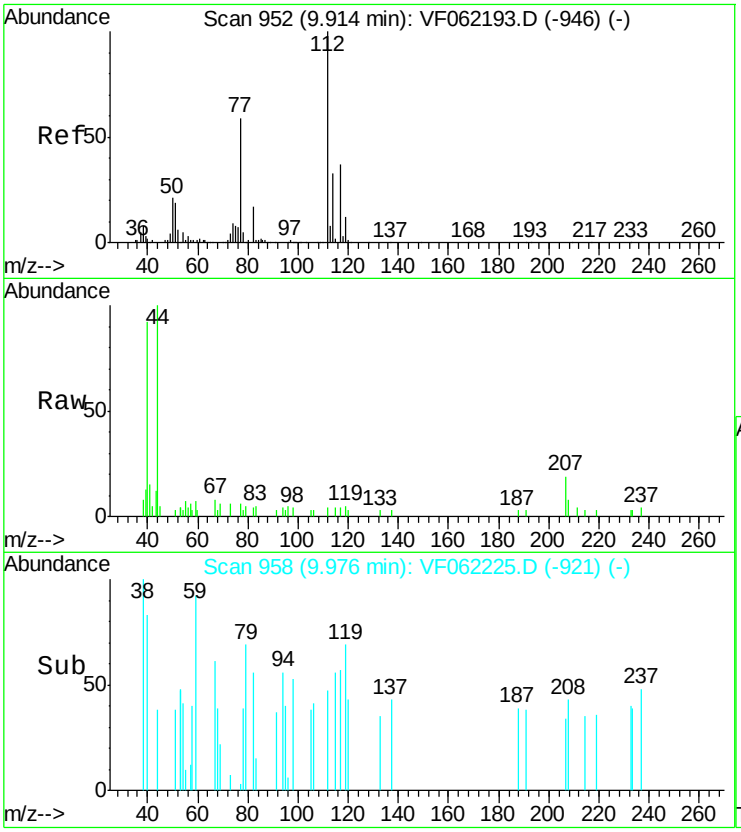


#64
Tetrachloroethene
Concen: 2.223 ug/l
RT: 8.23 min Scan# 781
Delta R.T. -0.06 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion:164 Resp: 79

Ion	Ratio	Lower	Upper
164	100		
166	0.0	104.7	157.1#
129	0.0	72.6	109.0#
131	0.0	71.6	107.4#



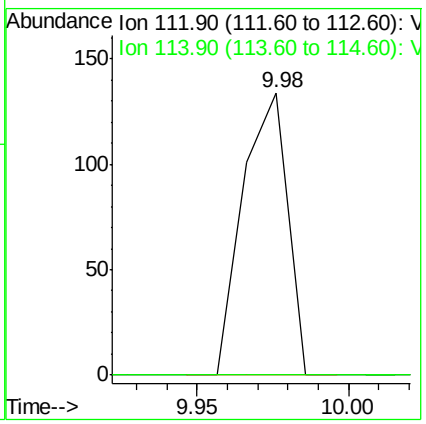


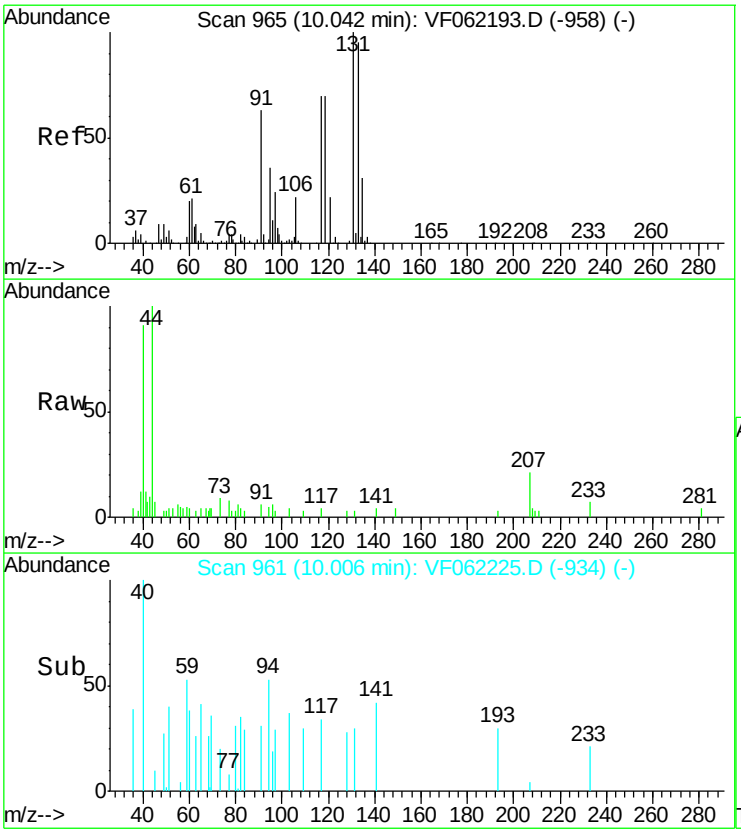
#65
Chlorobenzene
Concen: 1.656 ug/l
RT: 9.98 min Scan# 958
Delta R.T. 0.06 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion:112 Resp: 139

Ion	Ratio	Lower	Upper
112	100		
114	0.0	26.1	39.1#

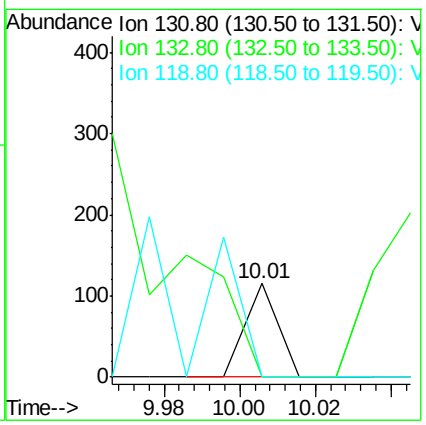


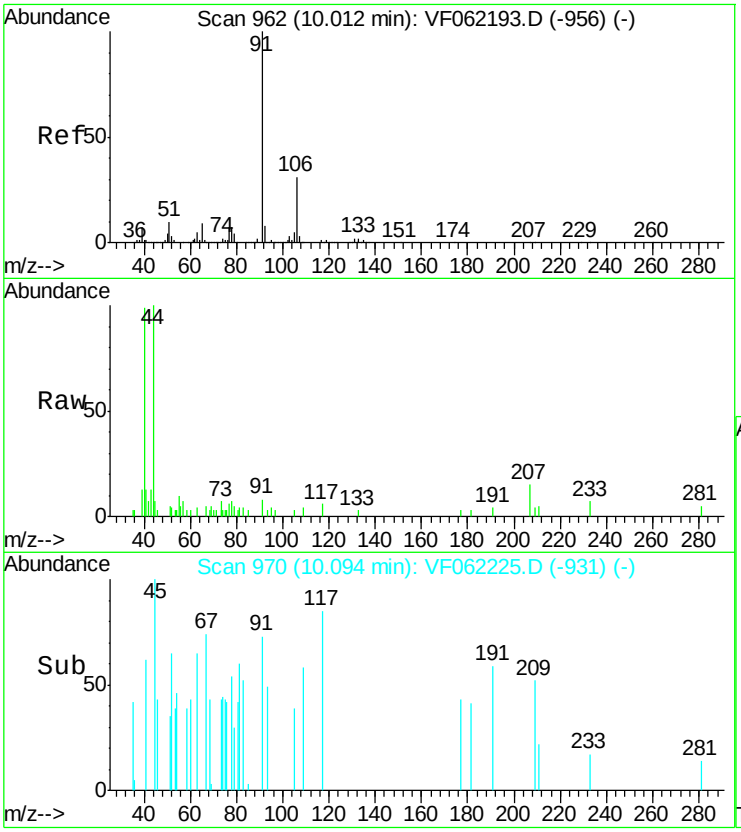


#66
1,1,1,2-Tetrachloroethane
Concen: 1.730 ug/l
RT: 10.01 min Scan# 961
Delta R.T. -0.04 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion:131 Resp: 68

Ion	Ratio	Lower	Upper
131	100		
133	0.0	47.7	143.1#
119	0.0	34.6	103.9#



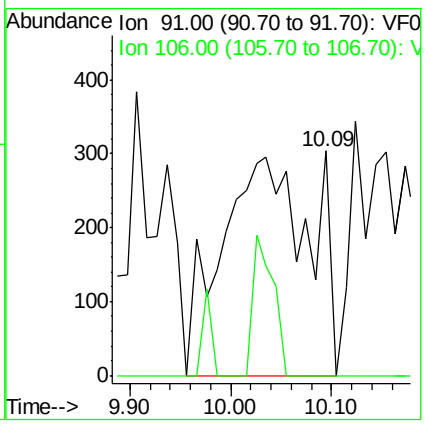


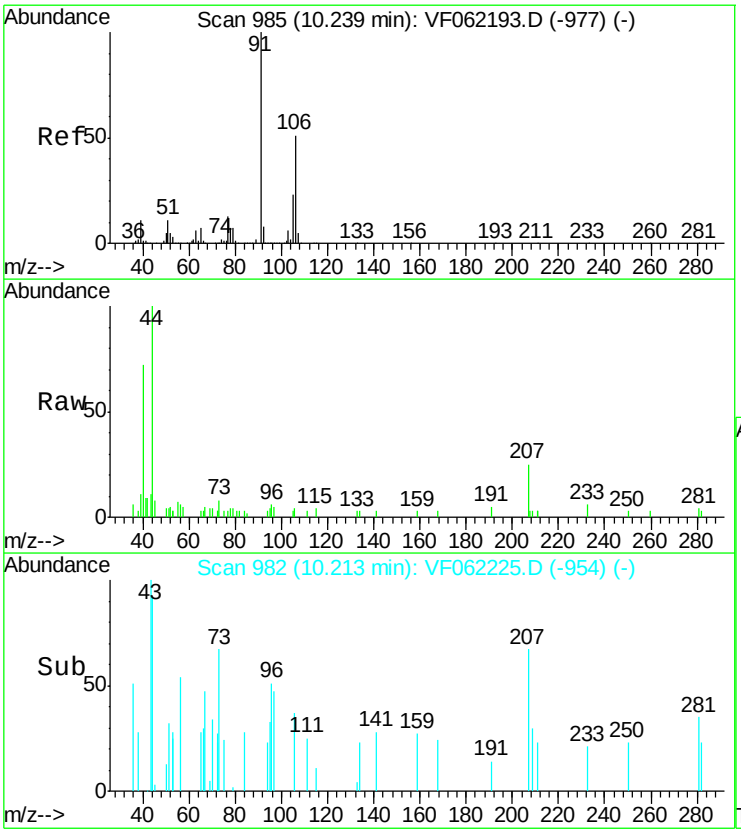
#67
Ethyl Benzene
Concen: 11.709 ug/l
RT: 10.09 min Scan# 970
Delta R.T. 0.08 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 91 Resp: 1787

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.9	37.3#

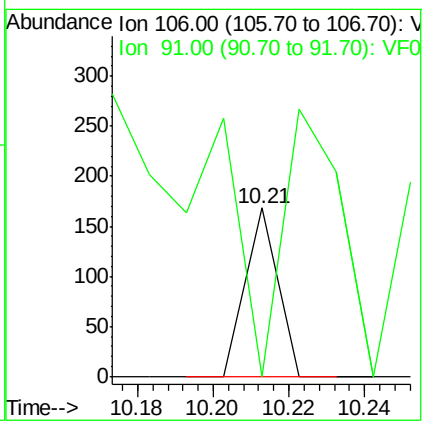


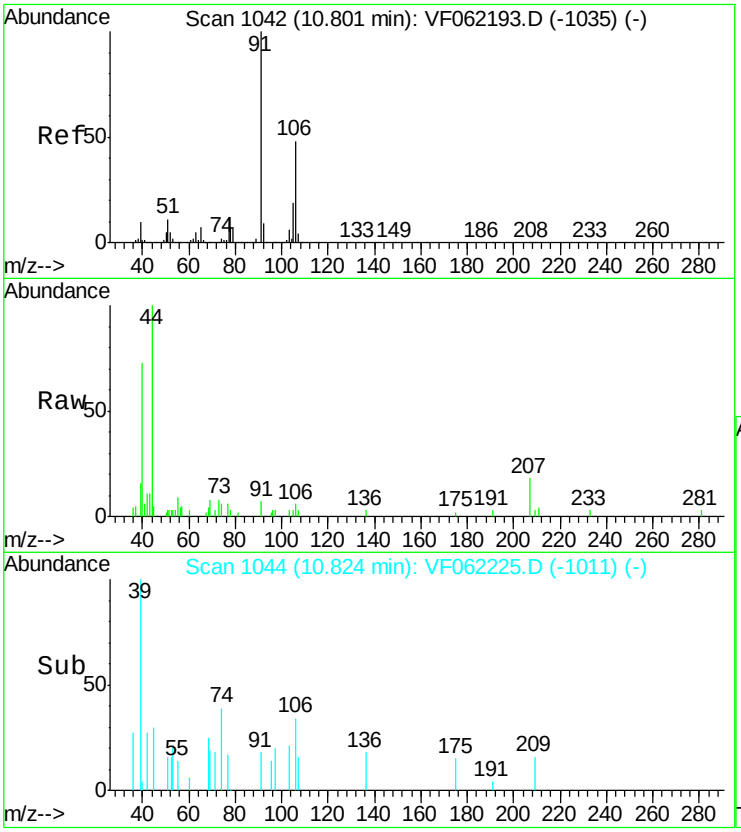


#68
m/p-Xylenes
Concen: 1.762 ug/l
RT: 10.21 min Scan# 982
Delta R.T. -0.03 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion:106 Resp: 99

Ion	Ratio	Lower	Upper
106	100		
91	281.8	159.1	238.7#



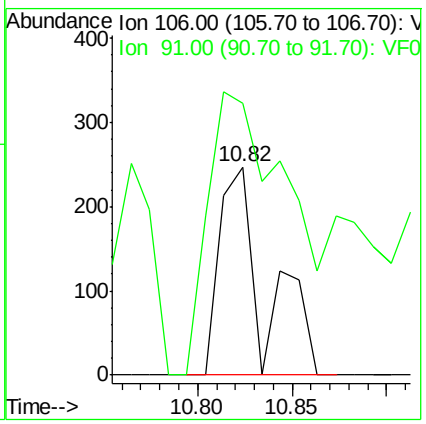


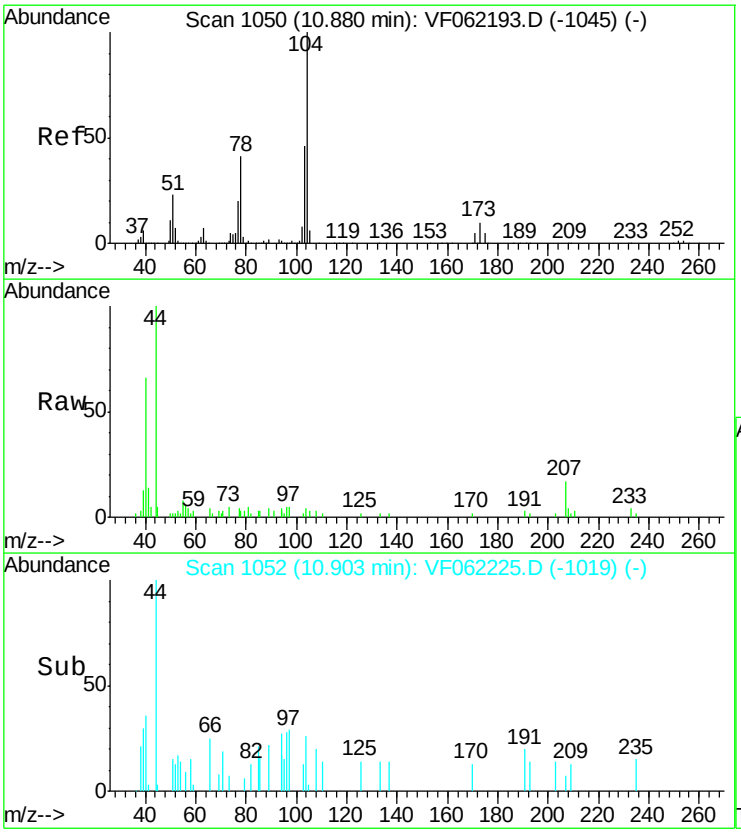
#69
o-Xylene
Concen: 6.605 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion:106 Resp: 412

Ion	Ratio	Lower	Upper
106	100		
91	238.6	107.5	322.4

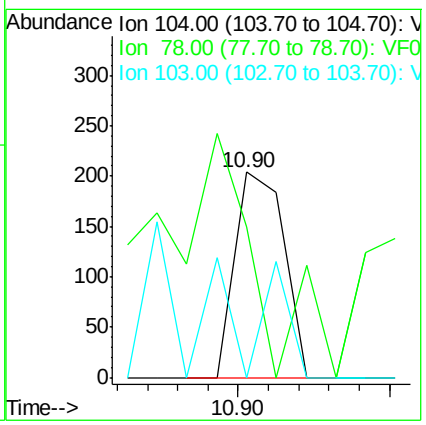


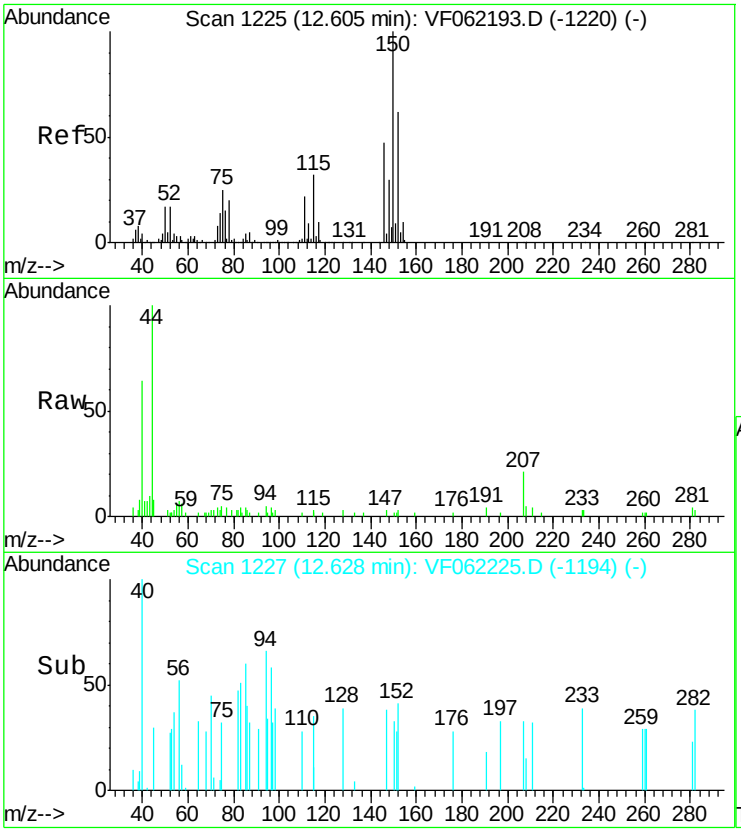


#70
Styrene
Concen: 2.602 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion:104 Resp: 229

Ion	Ratio	Lower	Upper
104	100		
78	100.9	34.5	51.7#
103	0.0	37.2	55.8#



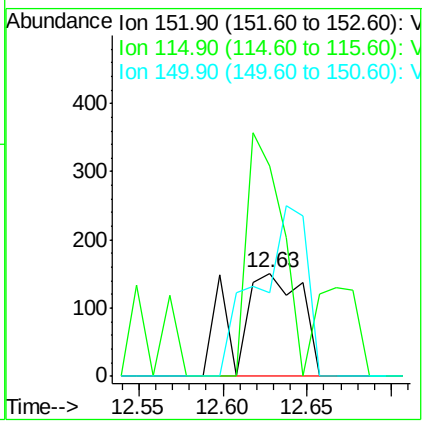


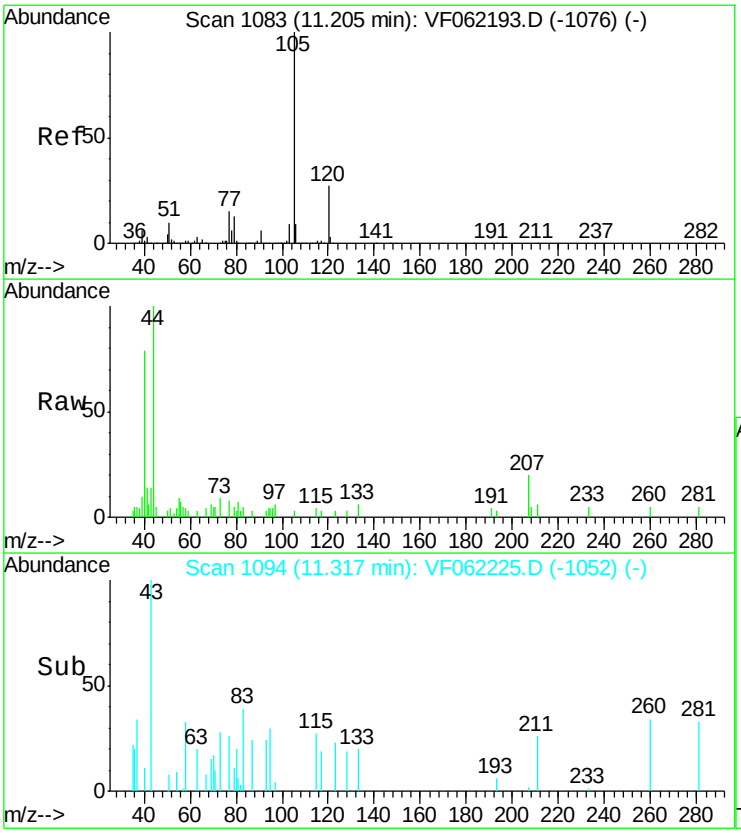
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1227
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion:152 Resp: 410

Ion	Ratio	Lower	Upper
152	100		
115	125.1	27.8	83.3#
150	124.4	0.0	341.8

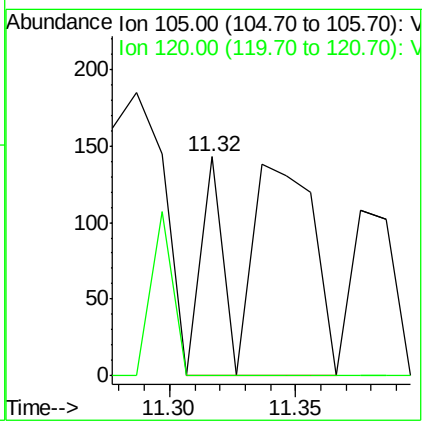


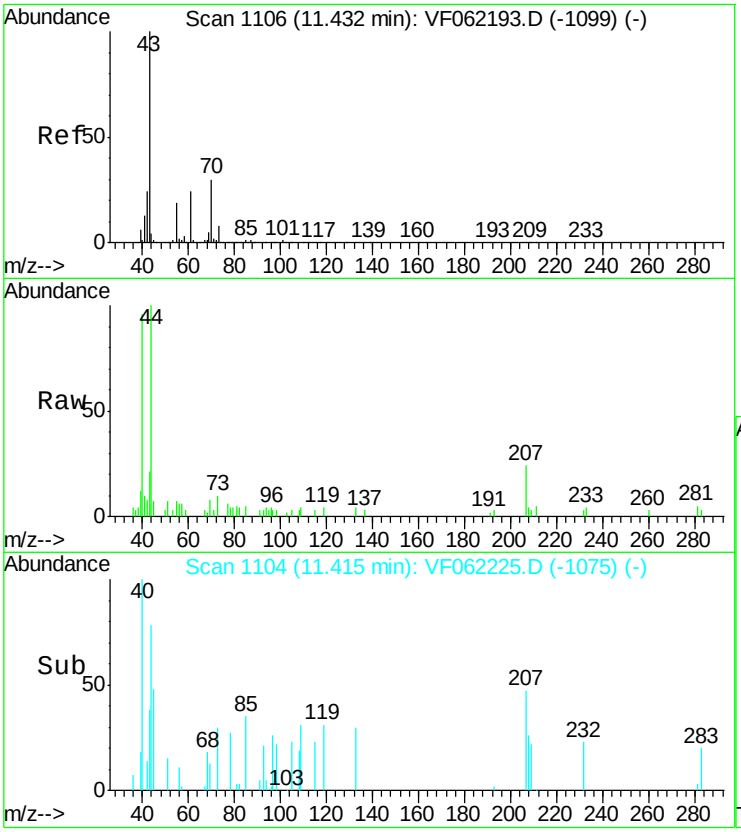


#73
Isopropylbenzene
Concen: 8.944 ug/l
RT: 11.32 min Scan# 1094
Delta R.T. 0.11 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion:105 Resp: 315

Ion	Ratio	Lower	Upper
105	100		
120	20.0	13.0	38.9



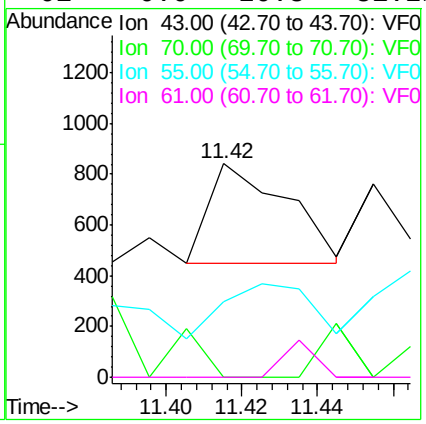


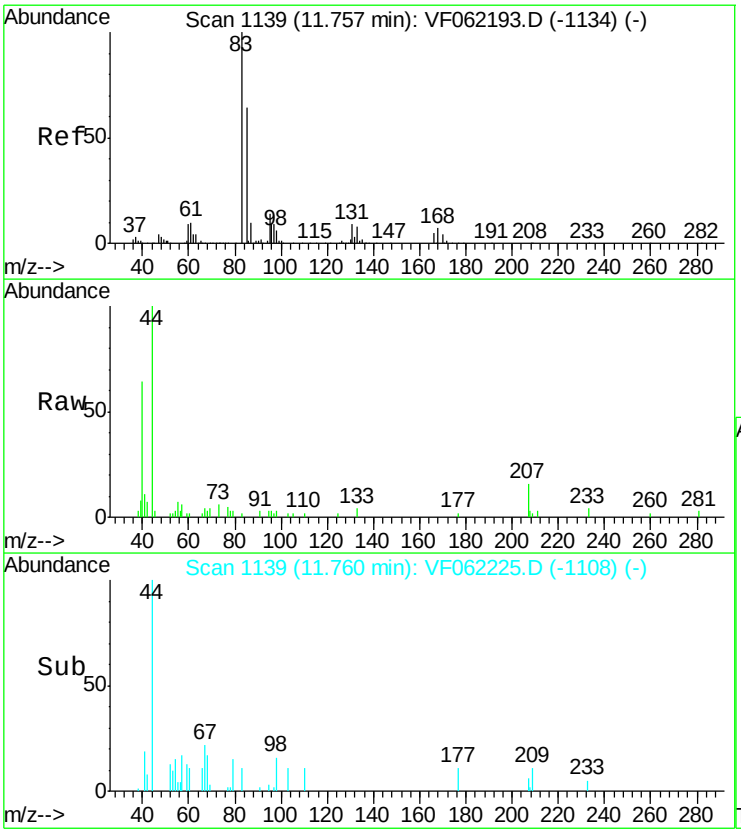
#74
N-amyl acetate
Concen: 67.672 ug/l
RT: 11.42 min Scan# 1104
Delta R.T. -0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 43 Resp: 559

Ion	Ratio	Lower	Upper
43	100		
70	0.0	27.0	40.4#
55	0.0	15.7	23.5#
61	0.0	20.8	31.2#

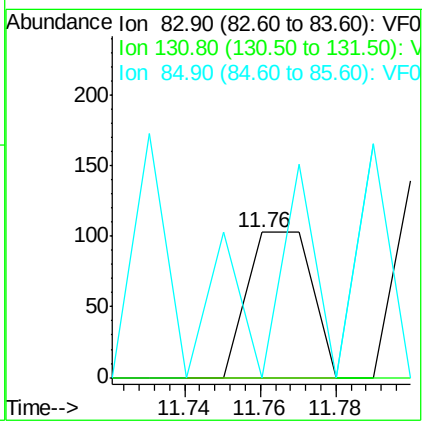


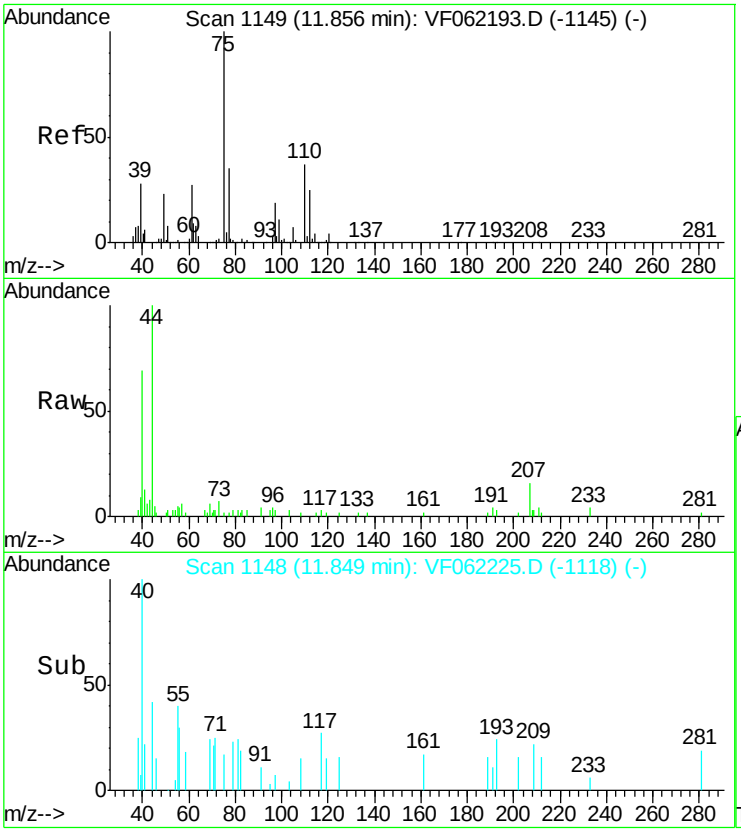


#75
1,1,2,2-Tetrachloroethane
Concen: 20.142 ug/l
RT: 11.76 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 83 Resp: 122

Ion	Ratio	Lower	Upper
83	100		
131	0.0	4.5	13.5#
85	73.0	34.7	104.1



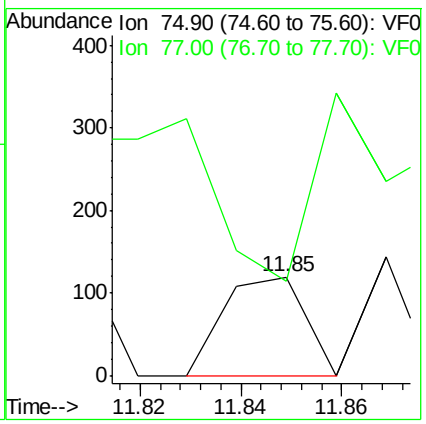


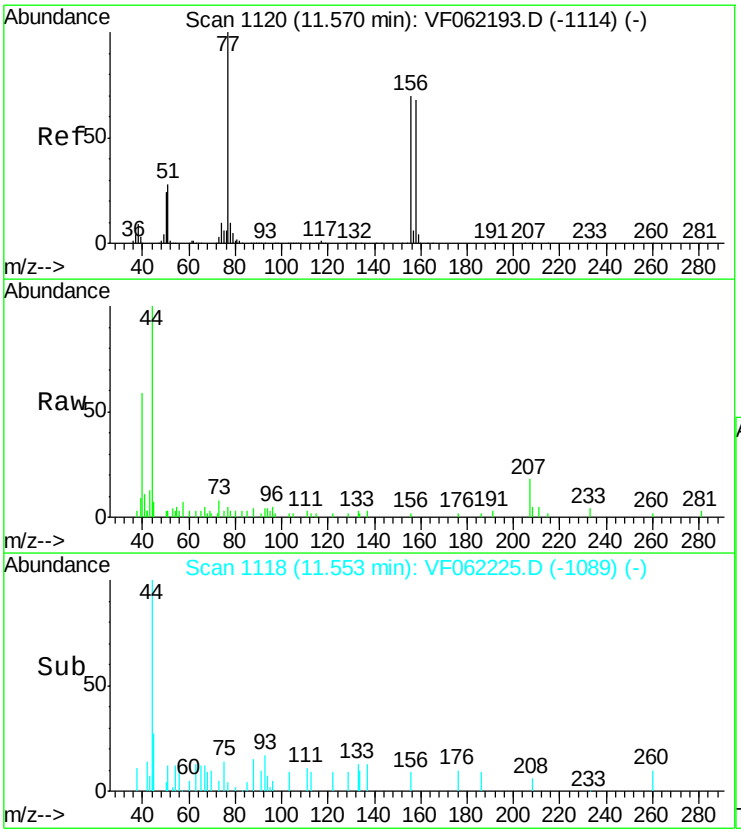
#76
1,2,3-Trichloropropane
Concen: 32.156 ug/l
RT: 11.85 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 75 Resp: 134

Ion	Ratio	Lower	Upper
75	100		
77	242.5	7.4	22.2#

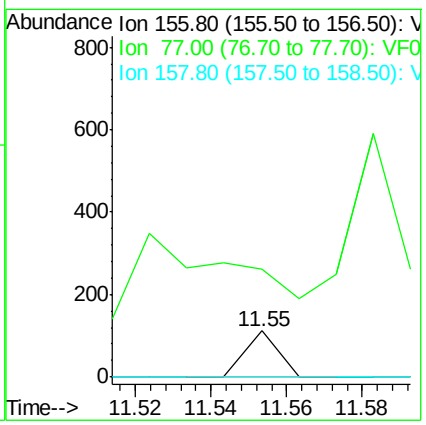


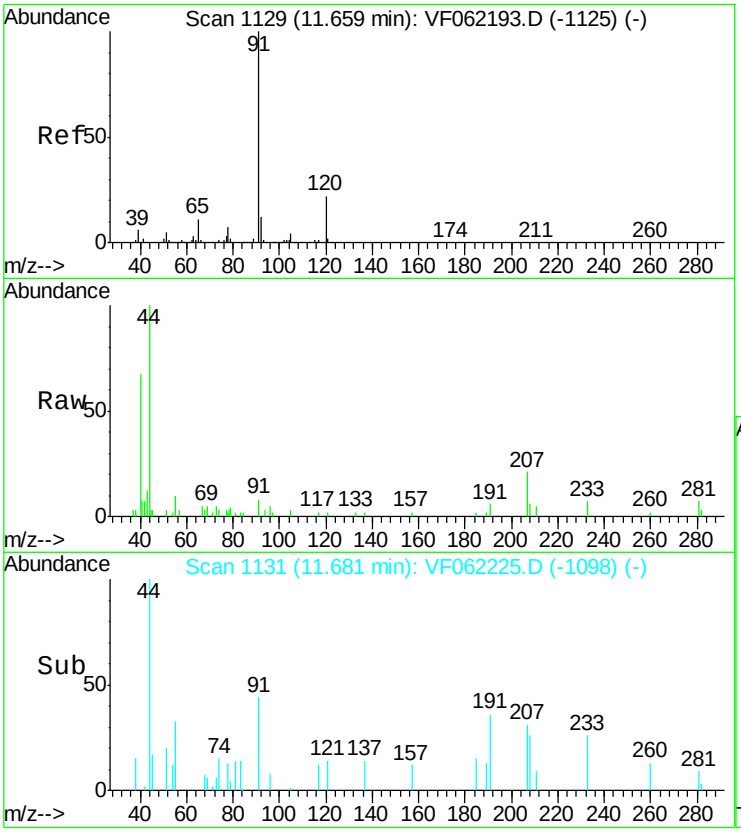


#77
Bromobenzene
Concen: 8.748 ug/l
RT: 11.55 min Scan# 1118
Delta R.T. -0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion:156 Resp: 66

Ion	Ratio	Lower	Upper
156	100		
77	0.0	80.9	242.7#
158	0.0	49.8	149.4#



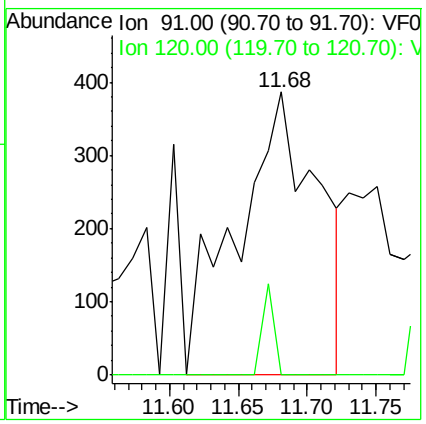


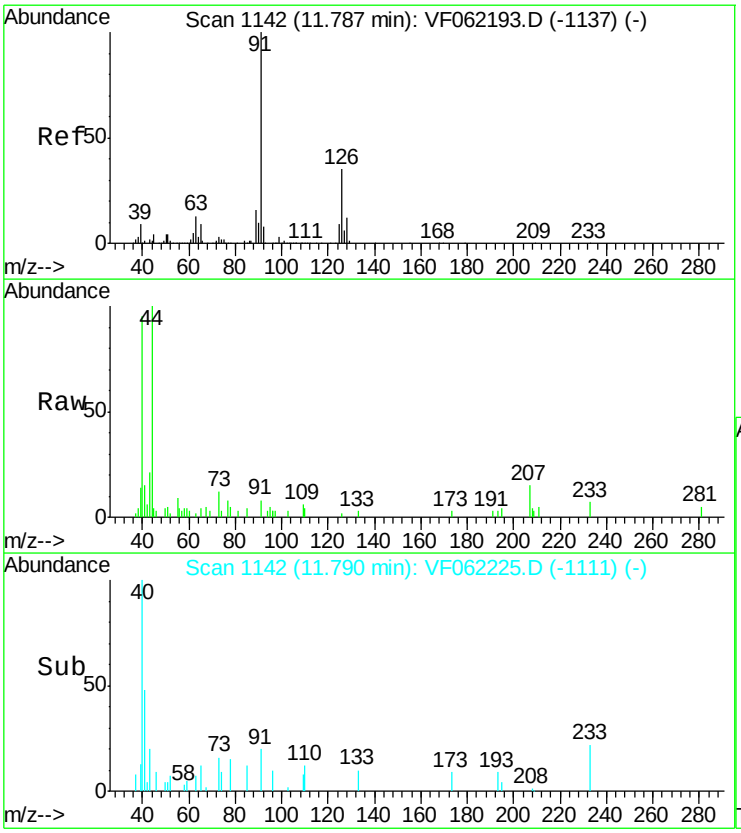
#78
n-propylbenzene
Concen: 42.500 ug/l
RT: 11.68 min Scan# 1131
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 91 Resp: 1579

Ion	Ratio	Lower	Upper
91	100		
120	4.6	11.2	33.6#

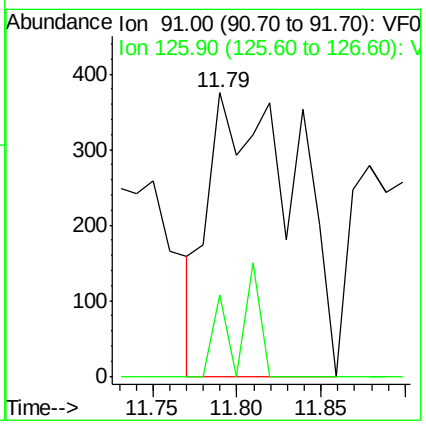


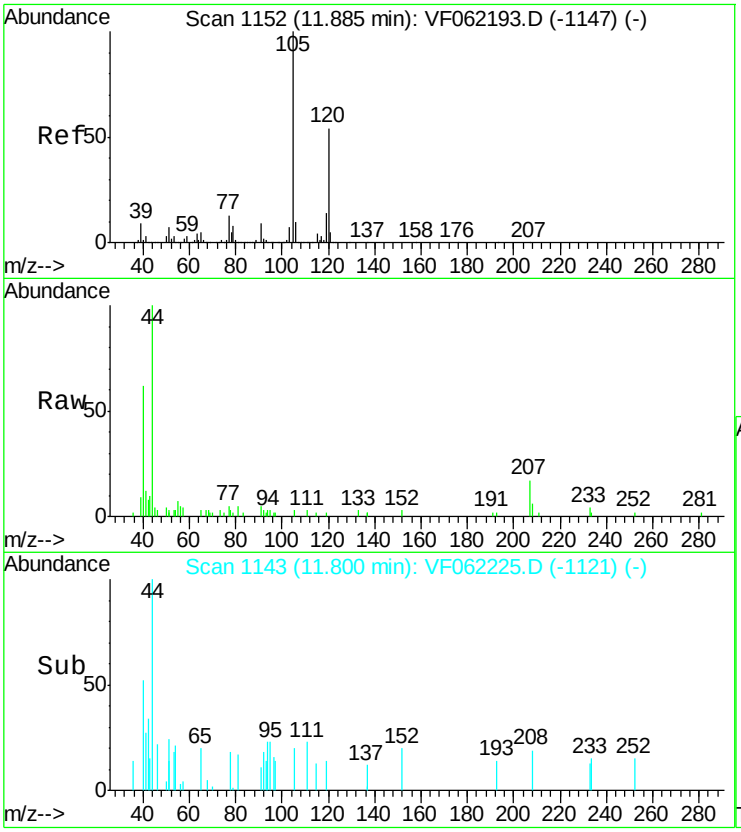


#79
2-Chlorotoluene
Concen: 59.236 ug/l
RT: 11.79 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 91 Resp: 1335

Ion	Ratio	Lower	Upper
91	100		
126	4.7	16.9	50.6#



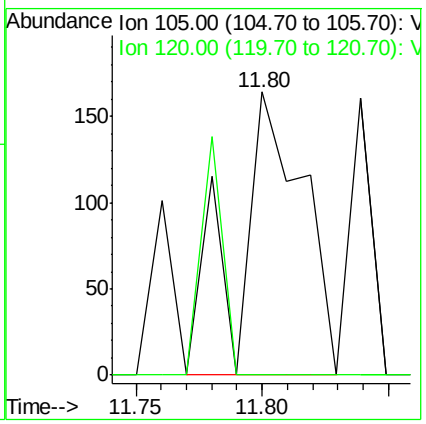


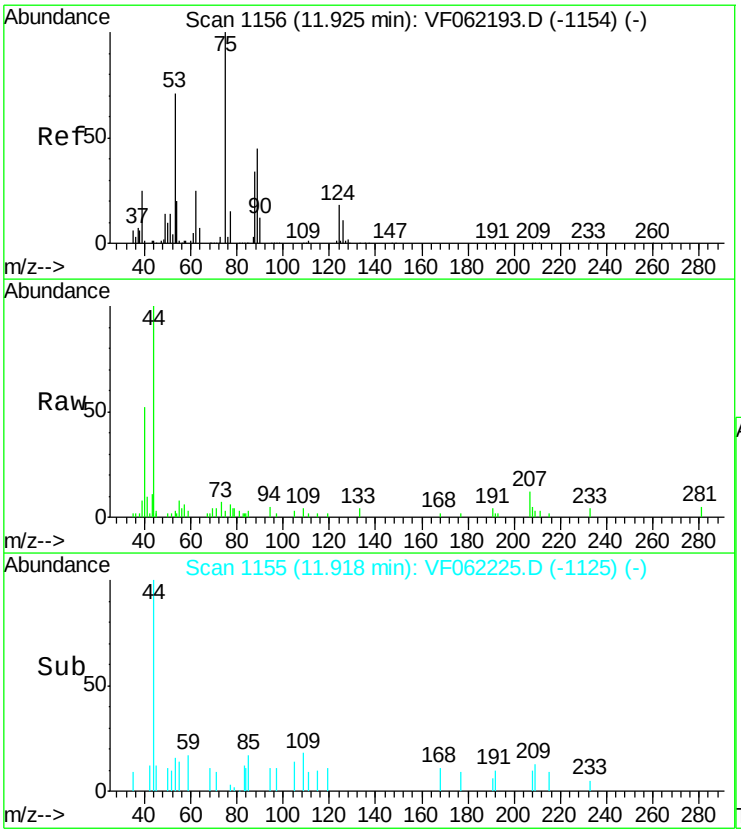
#80
1,3,5-Trimethylbenzene
Concen: 10.227 ug/l
RT: 11.80 min Scan# 1143
Delta R.T. -0.09 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion:105 Resp: 300

Ion	Ratio	Lower	Upper
105	100		
120	27.3	26.2	78.5

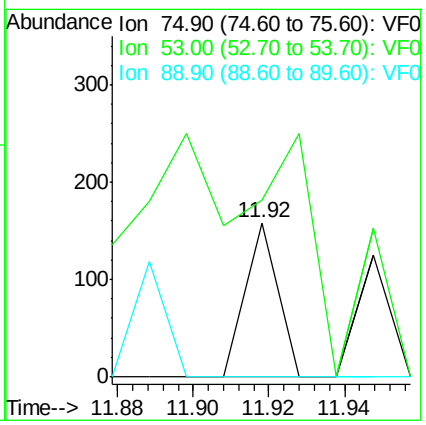


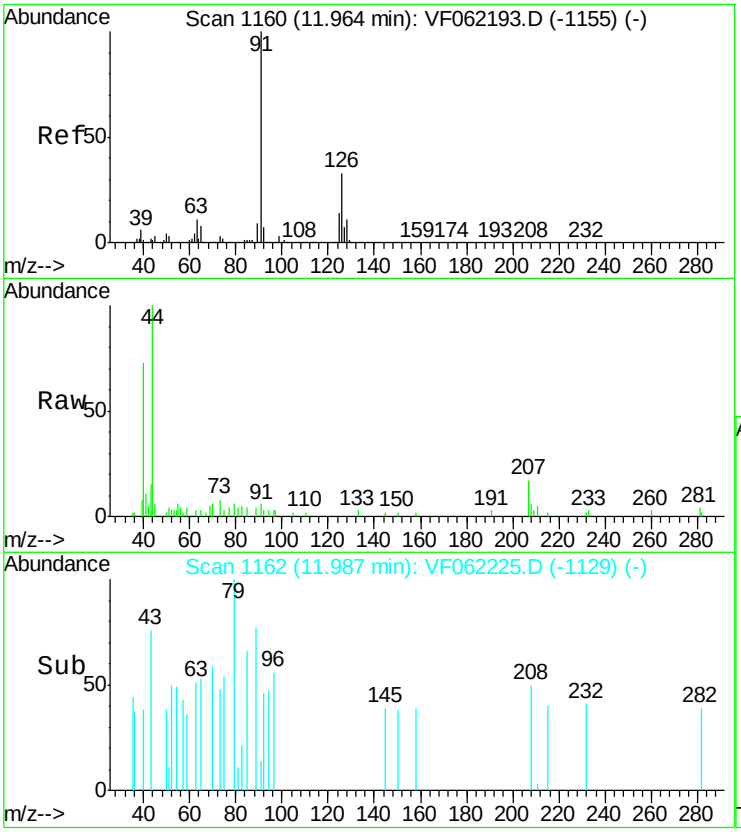


#81
trans-1,4-Dichloro-2-butene
Concen: 43.760 ug/l
RT: 11.92 min Scan# 1155
Delta R.T. -0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 75 Resp: 93

Ion	Ratio	Lower	Upper
75	100		
53	0.0	50.2	75.4#
89	0.0	0.0	0.0



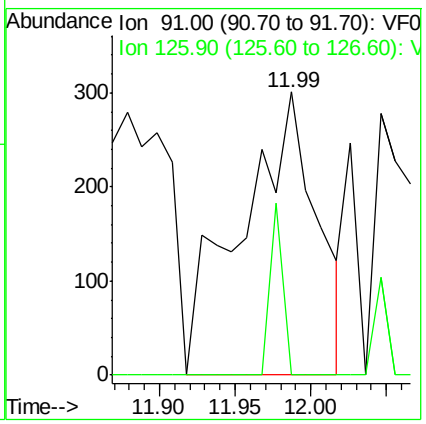


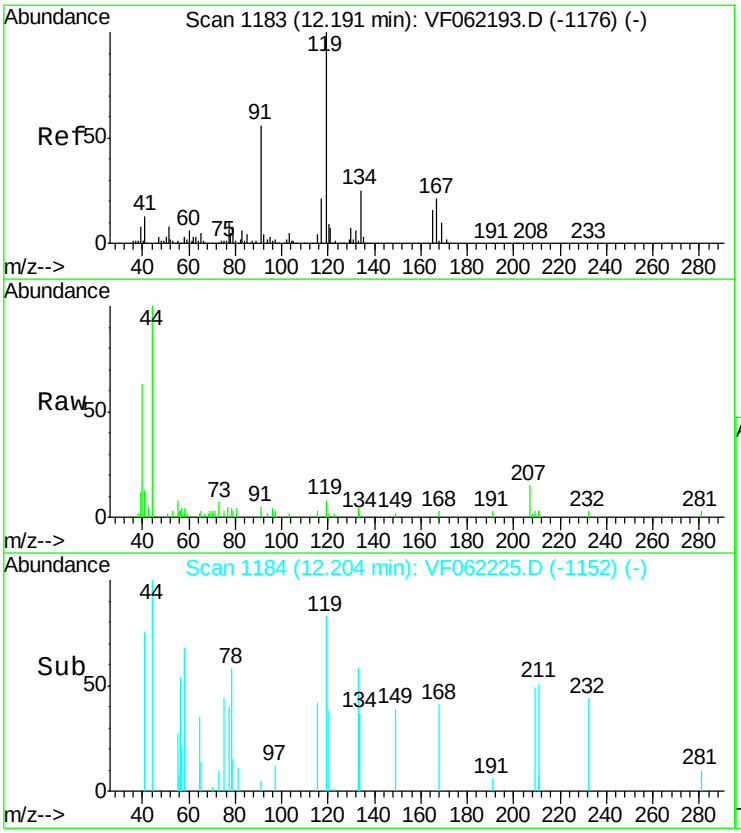
#82
4-Chlorotoluene
Concen: 48.163 ug/l
RT: 11.99 min Scan# 1162
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion: 91 Resp: 1049

Ion	Ratio	Lower	Upper
91	100		
126	10.3	16.9	50.6#

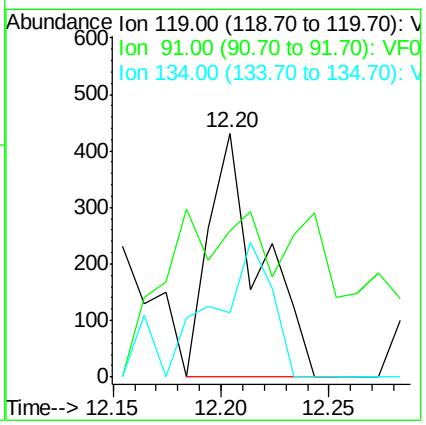


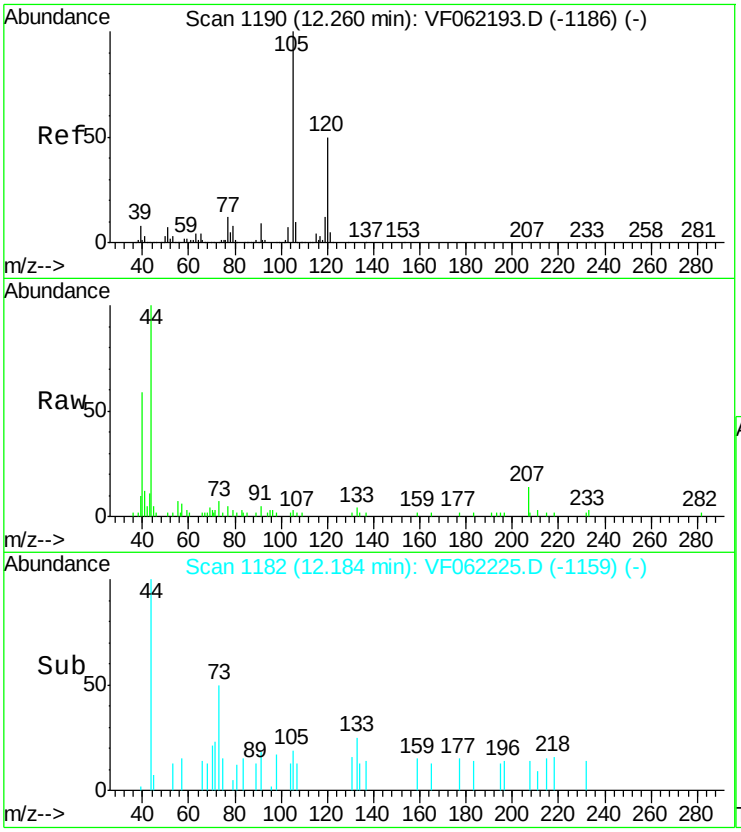


#83
tert-Butylbenzene
Concen: 23.571 ug/l
RT: 12.20 min Scan# 1184
Delta R.T. 0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion:119 Resp: 715

Ion	Ratio	Lower	Upper
119	100		
91	0.0	29.4	88.2#
134	70.2	11.8	35.3#



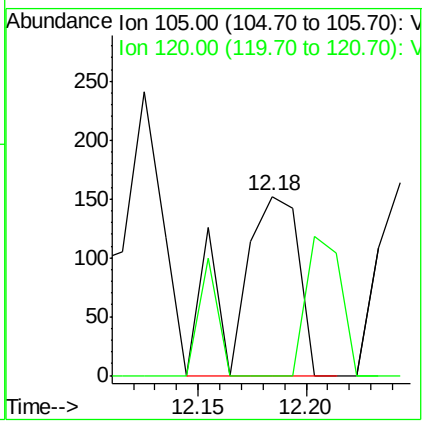


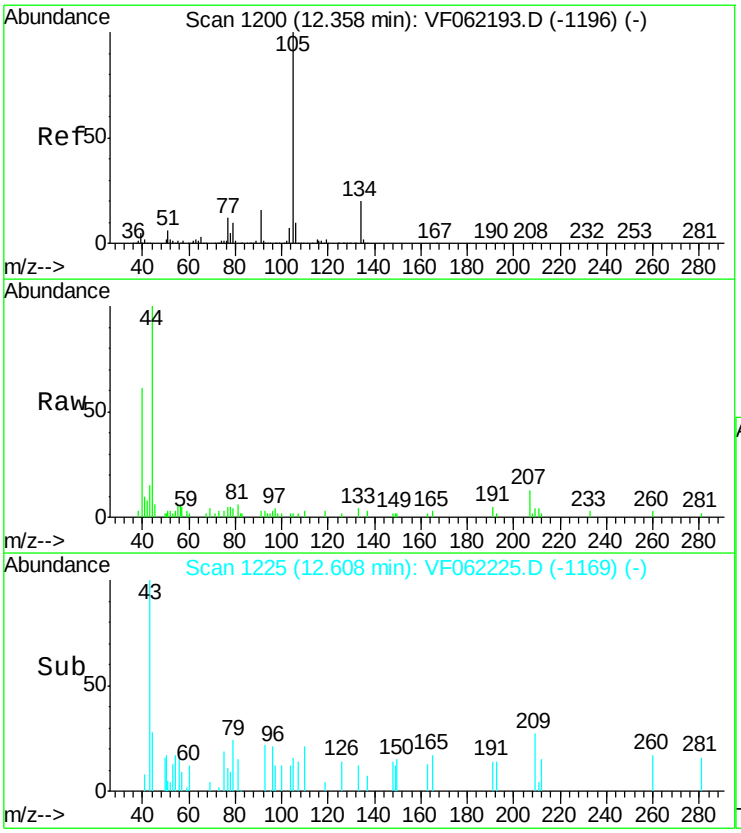
#84
1,2,4-Trimethylbenzene
Concen: 11.132 ug/l
RT: 12.18 min Scan# 1182
Delta R.T. -0.08 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion:105 Resp: 316

Ion	Ratio	Lower	Upper
105	100		
120	41.5	24.0	72.0

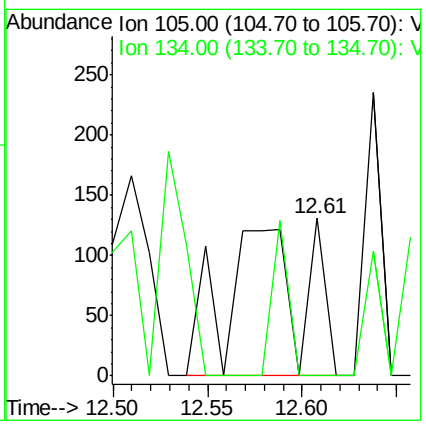


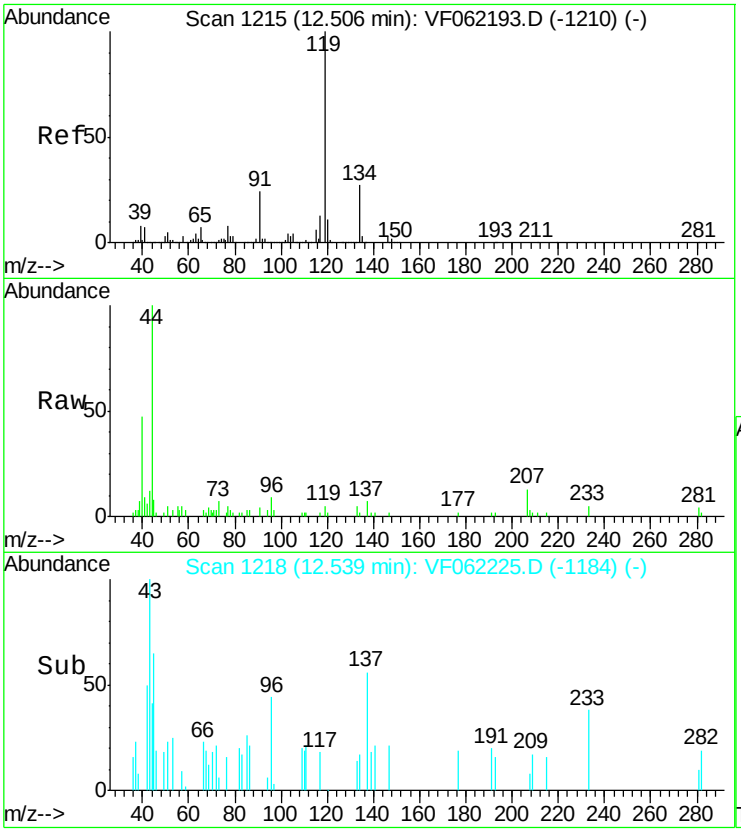


#85
sec-Butylbenzene
Concen: 9.065 ug/l
RT: 12.61 min Scan# 1225
Delta R.T. 0.25 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion:105 Resp: 357

Ion	Ratio	Lower	Upper
105	100		
134	21.3	9.7	29.1



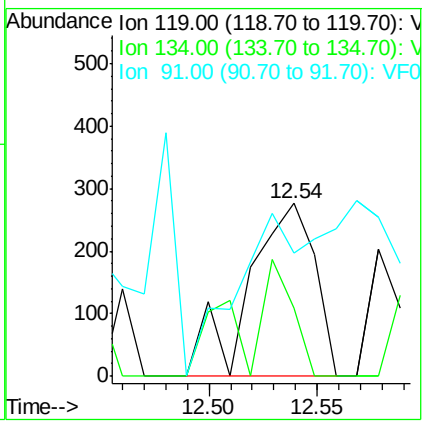


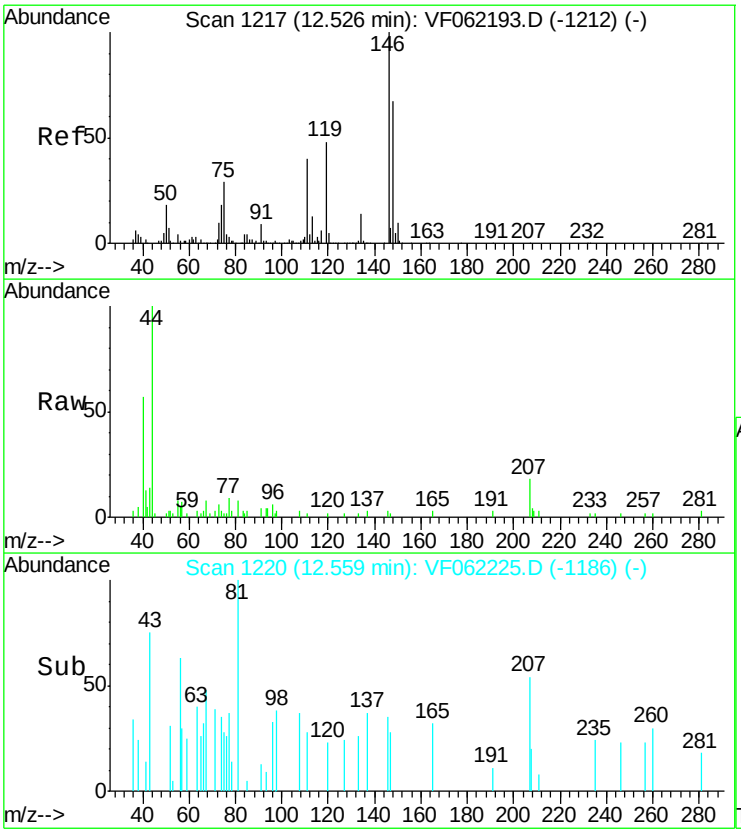
#86
p-Isopropyltoluene
Concen: 17.571 ug/l
RT: 12.54 min Scan# 1218
Delta R.T. 0.03 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion:119 Resp: 587

Ion	Ratio	Lower	Upper
119	100		
134	29.6	13.2	39.5
91	64.4	11.7	35.1#

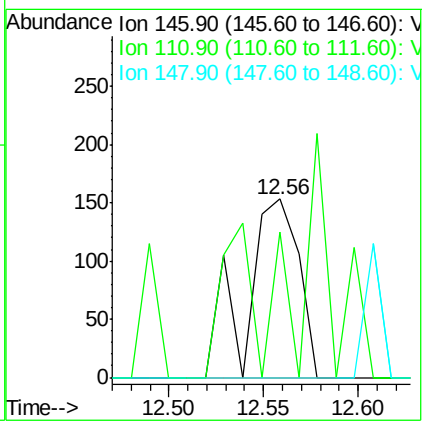


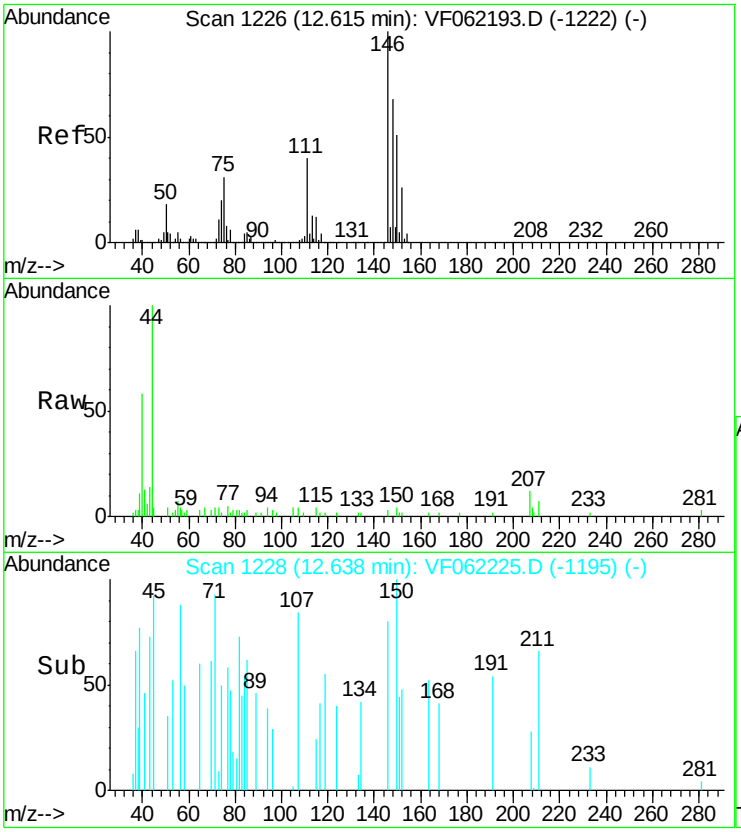


#87
1,3-Dichlorobenzene
Concen: 21.285 ug/l
RT: 12.56 min Scan# 1220
Delta R.T. 0.03 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion:146 Resp: 298

Ion	Ratio	Lower	Upper
146	100		
111	88.6	19.7	59.0#
148	0.0	32.9	98.6#



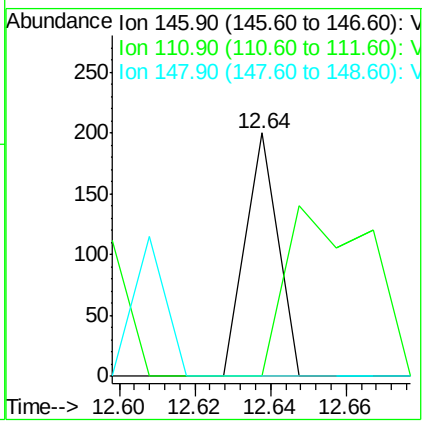


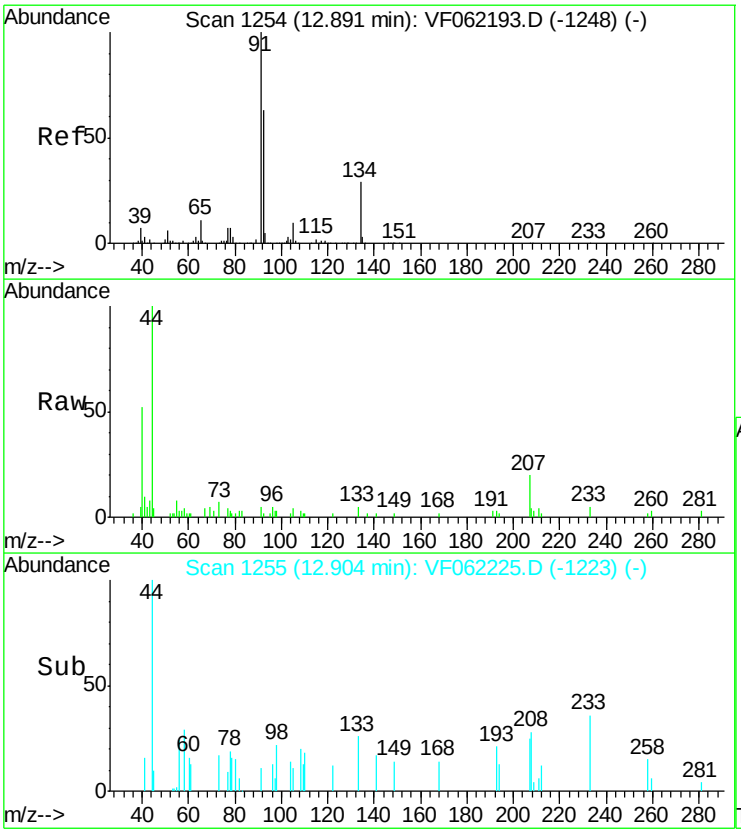
#88
1,4-Dichlorobenzene
Concen: 8.738 ug/l
RT: 12.64 min Scan# 1228
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion:146 Resp: 118

Ion	Ratio	Lower	Upper
146	100		
111	183.1	20.0	60.0#
148	0.0	33.6	100.8#

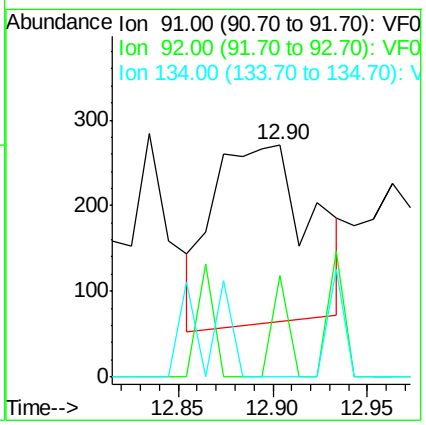


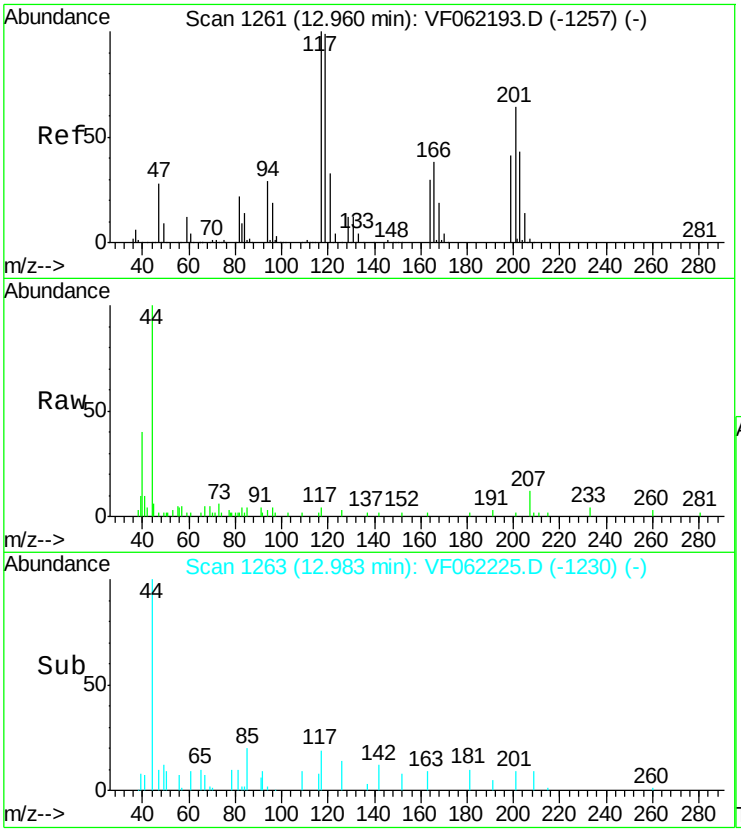


#89
n-Butylbenzene
Concen: 24.669 ug/l
RT: 12.90 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion: 91 Resp: 750

Ion	Ratio	Lower	Upper
91	100		
92	9.3	31.2	93.6#
134	0.0	13.1	39.1#



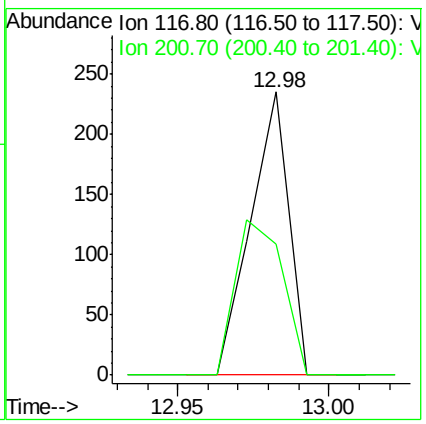


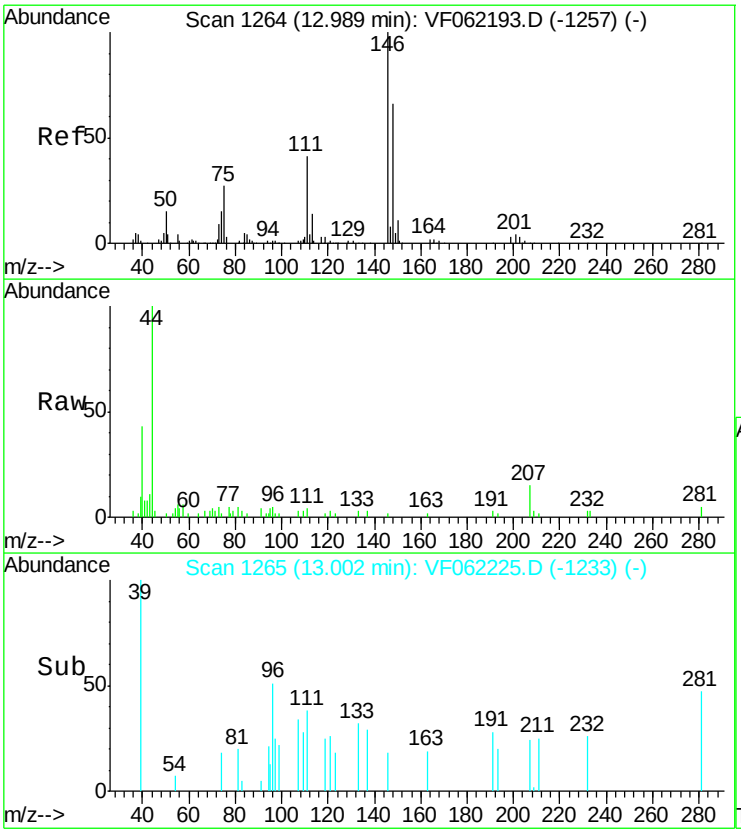
#90
Hexachloroethane
Concen: 23.897 ug/l
RT: 12.98 min Scan# 1263
Delta R.T. 0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument : MSVOA_F
ClientSampleId : HD-01-041619

Tgt Ion:117 Resp: 205

Ion	Ratio	Lower	Upper
117	100		
201	68.8	37.7	113.1

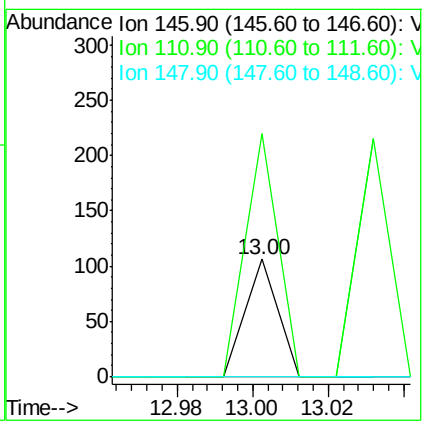


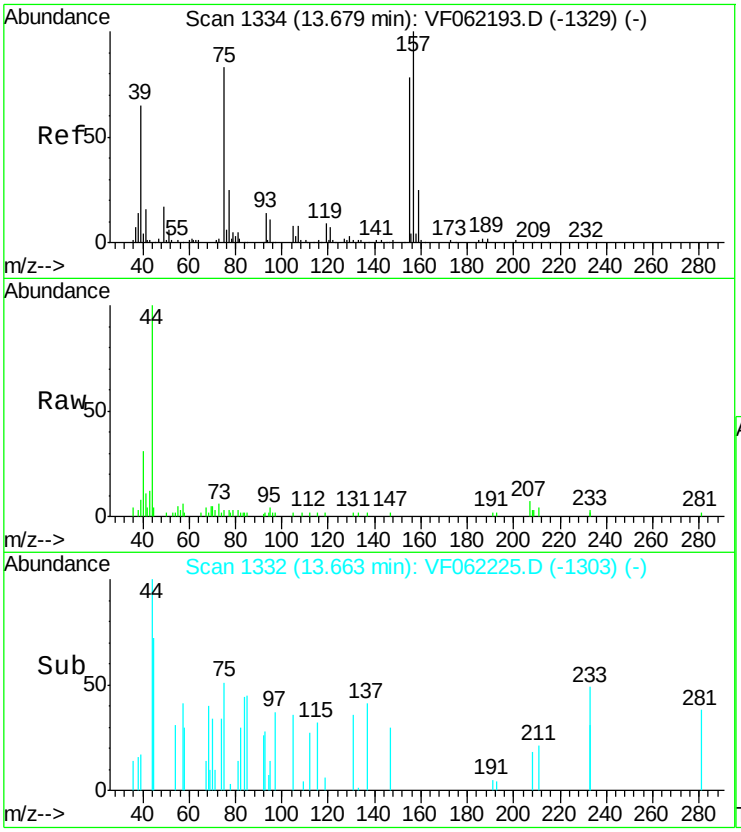


#91
1,2-Dichlorobenzene
Concen: 4.660 ug/l
RT: 13.00 min Scan# 1265
Delta R.T. 0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion:146 Resp: 63

Ion	Ratio	Lower	Upper
146	100		
111	206.3	20.8	62.5#
148	0.0	33.0	99.0#



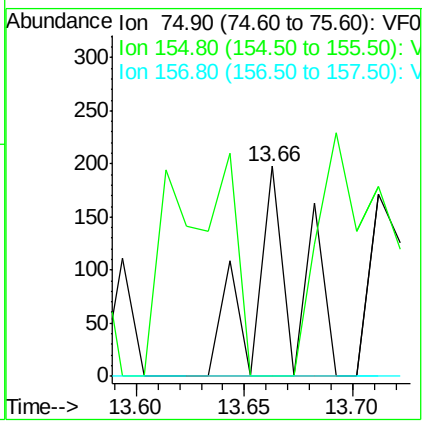


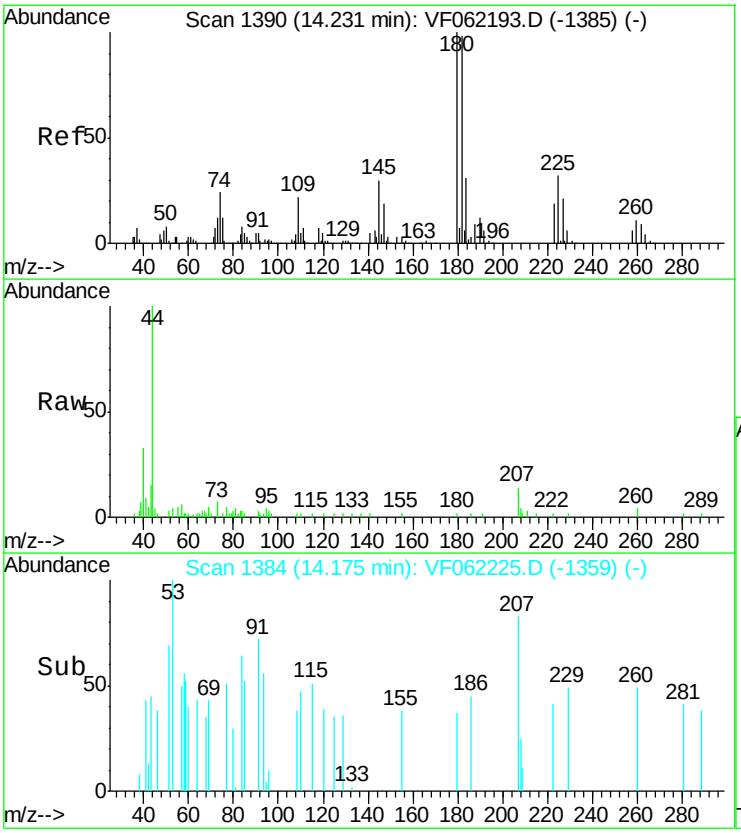
#92
1,2-Dibromo-3-Chloropropane
Concen: 233.611 ug/l
RT: 13.66 min Scan# 1332
Delta R.T. -0.02 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion: 75 Resp: 278

Ion	Ratio	Lower	Upper
75	100		
155	145.3	47.6	142.8#
157	0.0	61.3	183.9#

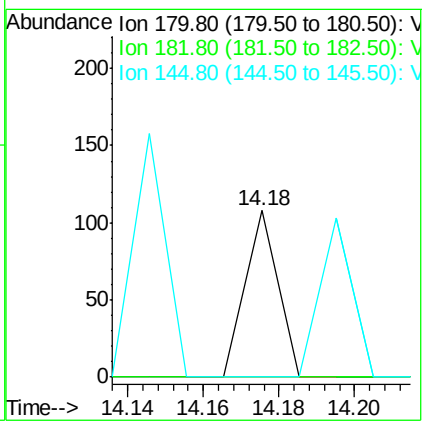


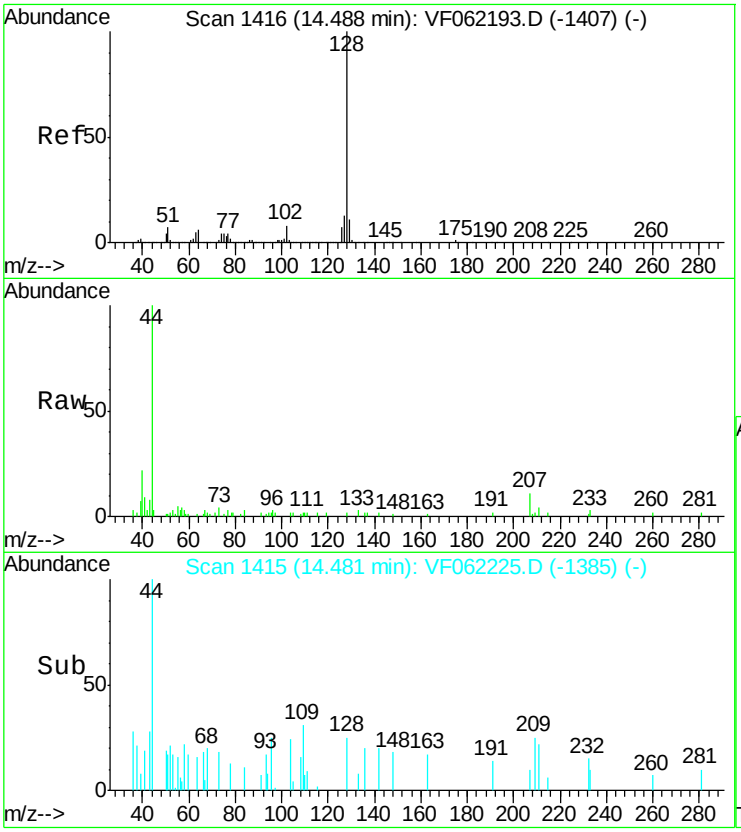


#93
1,2,4-Trichlorobenzene
Concen: 5.658 ug/l
RT: 14.18 min Scan# 1384
Delta R.T. -0.06 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Tgt Ion:180 Resp: 64

Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.3	147.9#
145	95.3	18.1	54.4#





#95
Naphthalene
Concen: 16.686 ug/l
RT: 14.48 min Scan# 1415
Delta R.T. -0.01 min
Lab File: VF062225.D
Acq: 19 Apr 2019 15:20

Instrument :
MSVOA_F
ClientSampleId :
HD-01-041619

Tgt Ion:128 Resp: 330

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	9.2	13.8#