

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100918\
 Data File : VF060490.D
 Acq On : 9 Oct 2018 14:46
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 10/10/2018 12:33:39 PM

Quant Time: Oct 10 01:58:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 10 01:47:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	291254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.73	114	463243	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.89	117	398195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	231159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	22131	4.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.76%	
35) Dibromofluoromethane	4.27	113	21235	4.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.80%	
50) Toluene-d8	7.69	98	53853	5.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.20%	
62) 4-Bromofluorobenzene	11.49	95	23879	4.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	9.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	0.99	85	29318	4.408	ug/l	95
3) Chloromethane	1.13	50	18269	4.707	ug/l	93
4) Vinyl Chloride	1.17	62	20304	4.999	ug/l	93
5) Bromomethane	1.36	94	15497	4.934	ug/l	96
6) Chloroethane	1.42	64	10728	5.308	ug/l	96
7) Trichlorofluoromethane	1.54	101	45257	4.830	ug/l	88
8) Diethyl Ether	1.69	74	6868	5.234	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	1.88	101	23049	5.089	ug/l	95
10) Methyl Iodide	1.95	142	36086	5.180	ug/l	98
11) Tert butyl alcohol	2.66	59	5232	19.420	ug/l #	73
12) 1,1-Dichloroethene	1.84	96	20548	5.767	ug/l	94
13) Acrolein	2.08	56	5316m	26.461	ug/l	
14) Allyl chloride	2.18	41	26680	4.794	ug/l	95
15) Acrylonitrile	3.05	53	11585	24.488	ug/l	97
16) Acetone	2.32	43	30796	28.491	ug/l	99
17) Carbon Disulfide	1.89	76	56248m	5.336	ug/l	
18) Methyl Acetate	2.44	43	11838	6.204	ug/l #	91
19) Methyl tert-butyl Ether	2.52	73	38626	4.508	ug/l	96
20) Methylene Chloride	2.27	84	19790m	4.988	ug/l	
21) trans-1,2-Dichloroethene	2.39	96	16269	4.595	ug/l #	71
22) Diisopropyl ether	2.91	45	51029	4.857	ug/l #	97
23) Vinyl Acetate	3.31	43	94652	23.319	ug/l #	94
24) 1,1-Dichloroethane	2.98	63	35891	5.075	ug/l #	96
25) 2-Butanone	4.49	43	27681	23.689	ug/l	92
26) 2,2-Dichloropropane	3.73	77	19556	4.986	ug/l	93
27) cis-1,2-Dichloroethene	3.61	96	19654	4.954	ug/l	93
28) Bromochloromethane	3.86	49	14071	5.617	ug/l	91
29) Tetrahydrofuran	4.23	42	12045	25.503	ug/l	94
30) Chloroform	4.01	83	43237	5.072	ug/l	97
31) Cyclohexane	3.83	56	25416	5.179	ug/l #	78
32) 1,1,1-Trichloroethane	4.25	97	33591	4.794	ug/l	94
36) 1,1-Dichloropropene	4.43	75	29940	5.287	ug/l	95
37) Ethyl Acetate	4.26	43	10839	5.009	ug/l #	95
38) Carbon Tetrachloride	4.15	117	25572m	3.822	ug/l	

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 ALS Vial : 31 Sample Multiplier: 1

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 VSTDIC005

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.60	83	28232	5.020	ug/l	90
40) Benzene	4.78	78	60708	5.332	ug/l #	89
41) Methacrylonitrile	4.90	41	5962	5.136	ug/l #	83
42) 1,2-Dichloroethane	5.09	62	25006	4.636	ug/l	95
43) Isopropyl Acetate	7.09	43	13816	5.262	ug/l #	91
44) Trichloroethene	5.64	130	19049	5.204	ug/l	93
45) 1,2-Dichloropropane	6.38	63	13800	4.617	ug/l	96
46) Dibromomethane	6.22	93	11036	4.583	ug/l	92
47) Bromodichloromethane	6.51	83	26659	4.443	ug/l #	84
48) Methyl methacrylate	6.85	41	7770	4.140	ug/l	90
49) 1,4-Dioxane	6.85	88	829m	51.092	ug/l	
51) 4-Methyl-2-Pentanone	8.38	43	45955	24.659	ug/l	92
52) Toluene	7.76	92	38659	5.052	ug/l	99
53) t-1,3-Dichloropropene	8.40	75	22880	4.871	ug/l	99
54) cis-1,3-Dichloropropene	7.43	75	25080	4.612	ug/l #	81
55) 1,1,2-Trichloroethane	8.61	97	10669	4.402	ug/l	91
56) Ethyl methacrylate	8.74	69	13527	4.930	ug/l	90
57) 1,3-Dichloropropane	8.98	76	19501	4.769	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.76	63	7277	25.788	ug/l	100
59) 2-Hexanone	9.61	43	35787	26.239	ug/l	80
60) Dibromochloromethane	8.84	129	15137	4.161	ug/l	94
61) 1,2-Dibromoethane	9.12	107	12142	4.579	ug/l	93
64) Tetrachloroethene	8.28	164	17530	5.483	ug/l	95
65) Chlorobenzene	9.91	112	41511	5.088	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.04	131	19194	5.374	ug/l	84
67) Ethyl Benzene	10.01	91	76621	4.927	ug/l	95
68) m/p-Xylenes	10.24	106	58609	11.018	ug/l	97
69) o-Xylene	10.80	106	27702	4.773	ug/l	97
70) Styrene	10.88	104	43319	5.258	ug/l	100
71) Bromoform	10.86	173	8080	4.263	ug/l #	86
73) Isopropylbenzene	11.21	105	93234	5.083	ug/l	100
74) N-amyl acetate	11.44	43	21057	5.058	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.77	83	14637	4.454	ug/l	98
76) 1,2,3-Trichloropropane	11.87	75	11581	4.742	ug/l	91
77) Bromobenzene	11.57	156	20719	5.062	ug/l	89
78) n-propylbenzene	11.67	91	120336	5.464	ug/l	97
79) 2-Chlorotoluene	11.80	91	65425	5.066	ug/l	99
80) 1,3,5-Trimethylbenzene	11.90	105	76804	4.962	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.94	75	5345m	5.005	ug/l	
82) 4-Chlorotoluene	11.97	91	67430	5.068	ug/l	93
83) tert-Butylbenzene	12.20	119	78477	5.139	ug/l	94
84) 1,2,4-Trimethylbenzene	12.27	105	81341	5.275	ug/l	96
85) sec-Butylbenzene	12.37	105	103218	4.886	ug/l	96
86) p-Isopropyltoluene	12.53	119	89892	5.208	ug/l	97
87) 1,3-Dichlorobenzene	12.54	146	42335	5.500	ug/l	92
88) 1,4-Dichlorobenzene	12.63	146	36939	4.879	ug/l	97
89) n-Butylbenzene	12.90	91	89105	4.897	ug/l	97
90) Hexachloroethane	12.98	117	19058	4.325	ug/l	94
91) 1,2-Dichlorobenzene	13.01	146	39527	5.355	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	13.70	75	2949	4.503	ug/l	81

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ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC005

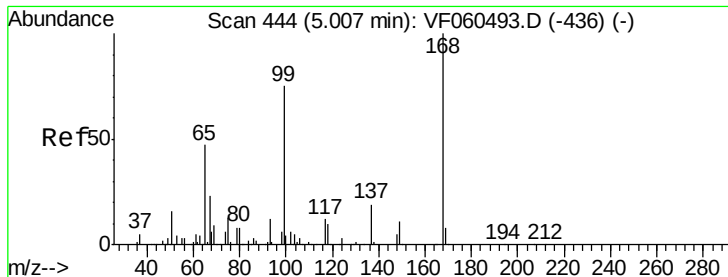
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 10 01:47:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	29243	5.297	ug/l	94
94) Hexachlorobutadiene	14.24	225	17975	4.630	ug/l	86
95) Naphthalene	14.51	128	45760	4.642	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	24393	4.690	ug/l	98

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



#1

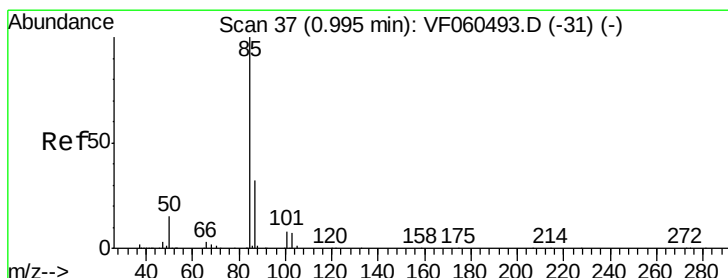
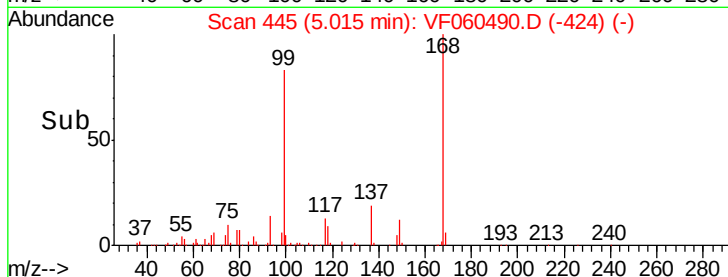
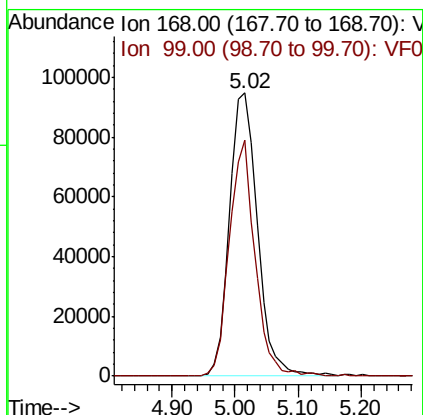
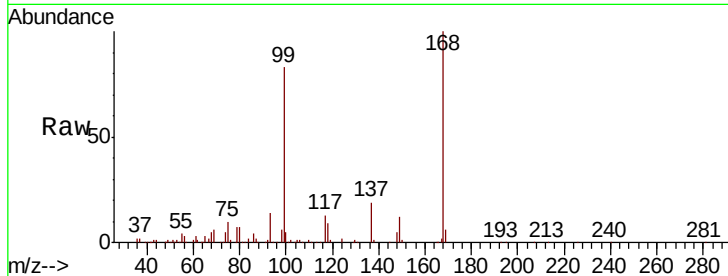
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.02 min Scan# 445
 Delta R.T. 0.01 min
 Lab File: VF060490.D
 Acq: 9 Oct 2018 14:46

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
168	100		
99	83.2	60.3	90.5

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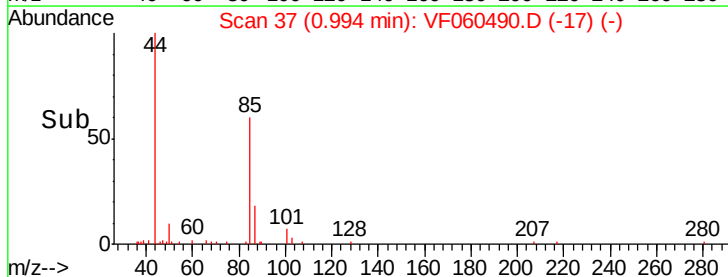
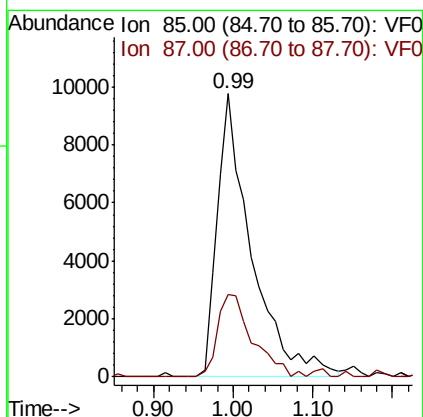
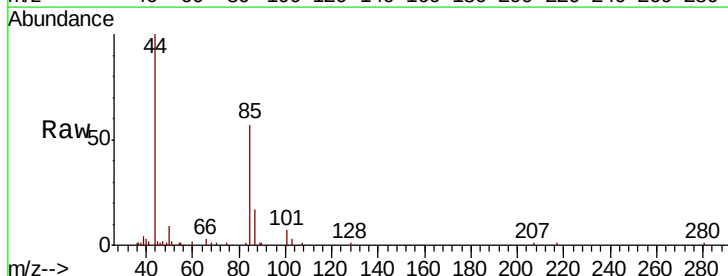
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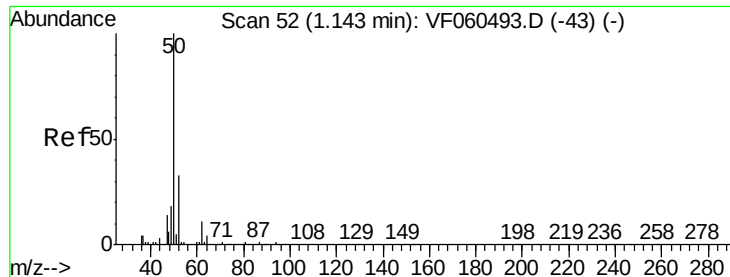


#2

Dichlorodifluoromethane
 Concen: 4.408 ug/l
 RT: 0.99 min Scan# 37
 Delta R.T. -0.00 min
 Lab File: VF060490.D
 Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.2	16.2	48.5





#3

Chloromethane

Concen: 4.707 ug/l

RT: 1.13 min Scan# 51

Delta R.T. -0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 18269

Ion Ratio Lower Upper

50 100

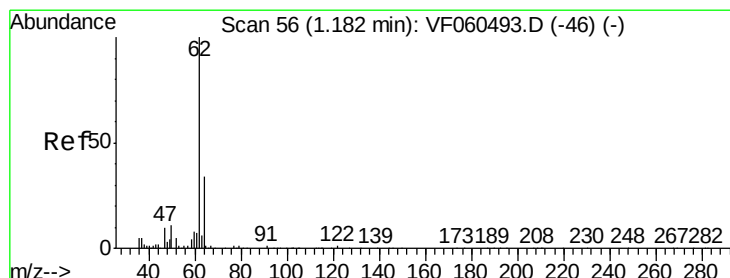
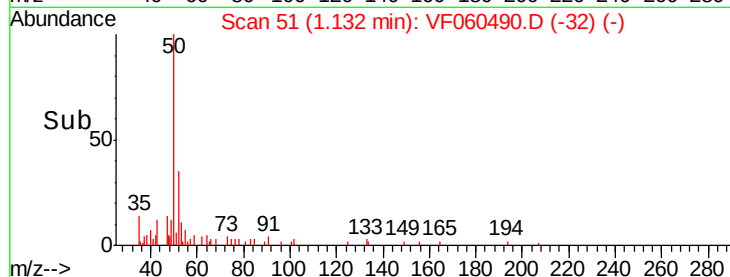
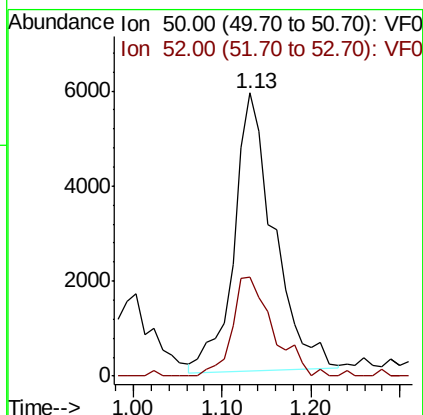
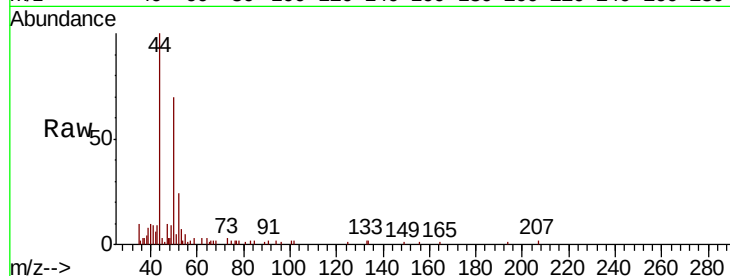
52 35.0 25.0 37.4

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#4

Vinyl Chloride

Concen: 4.999 ug/l

RT: 1.17 min Scan# 55

Delta R.T. -0.01 min

Lab File: VF060490.D

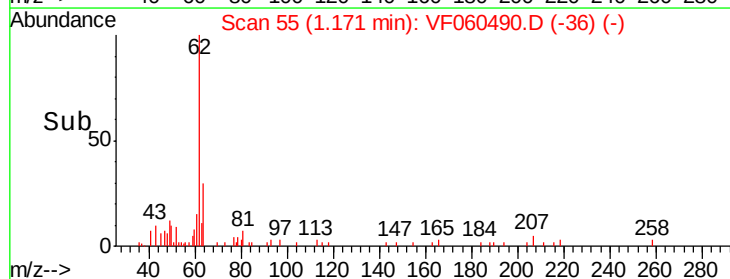
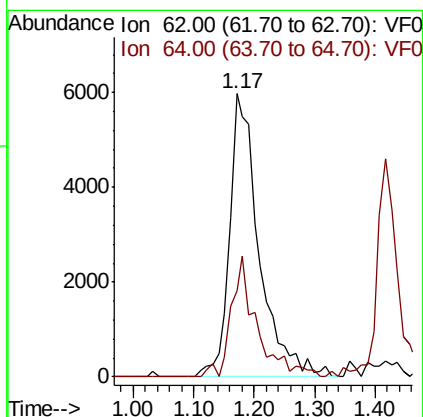
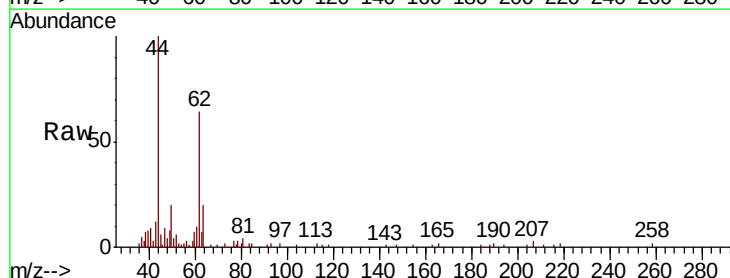
Acq: 9 Oct 2018 14:46

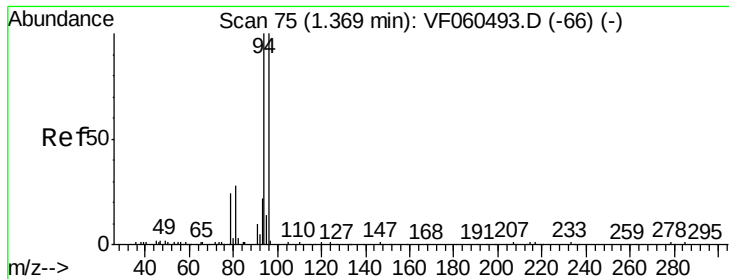
Tgt Ion: 62 Resp: 20304

Ion Ratio Lower Upper

62 100

64 30.4 27.5 41.3





#5

Bromomethane

Concen: 4.934 ug/l

RT: 1.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 15497

Ion Ratio Lower Upper

94 100

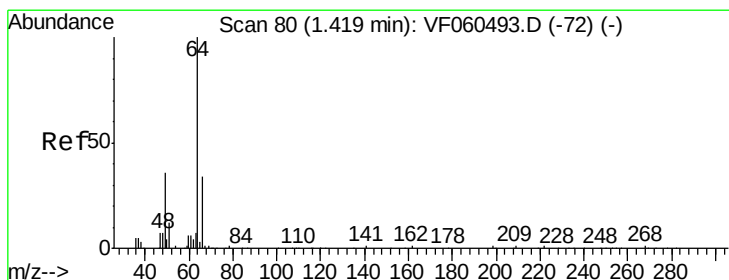
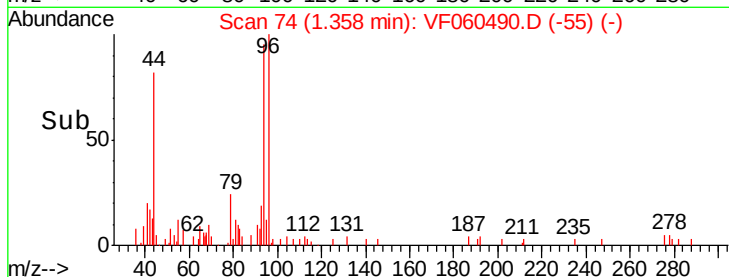
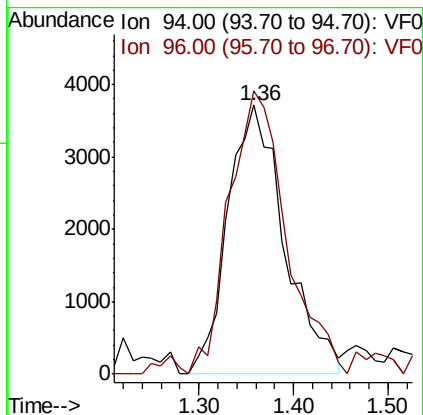
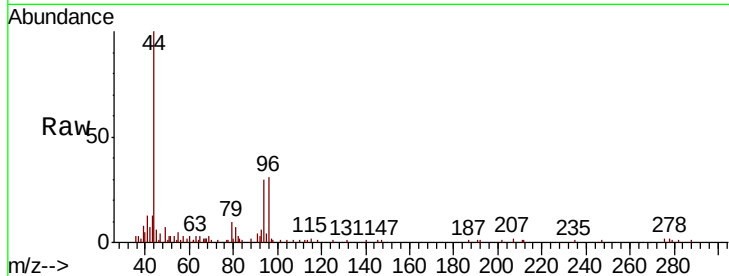
96 105.2 80.6 120.8

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#6

Chloroethane

Concen: 5.308 ug/l

RT: 1.42 min Scan# 80

Delta R.T. -0.00 min

Lab File: VF060490.D

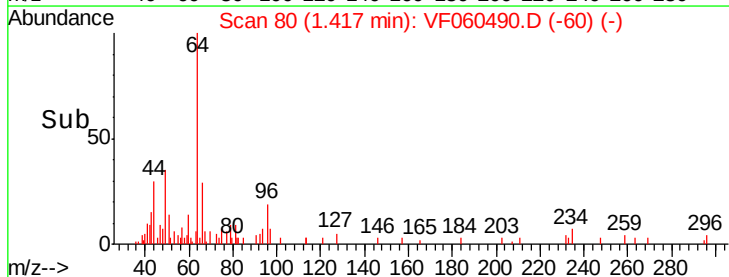
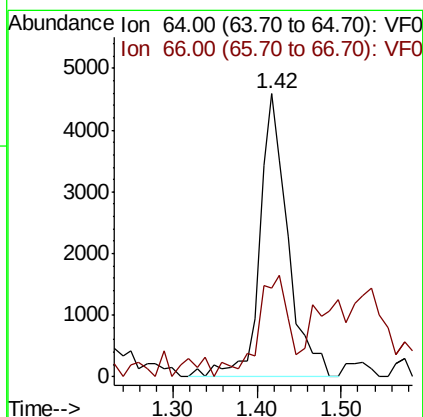
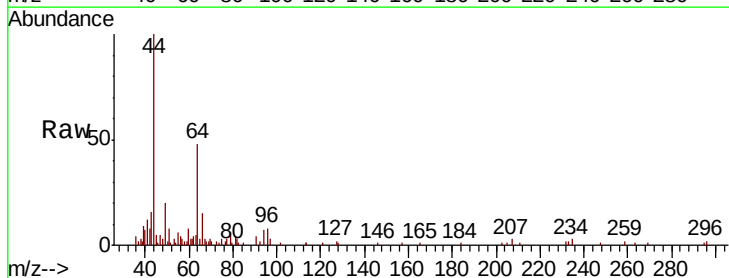
Acq: 9 Oct 2018 14:46

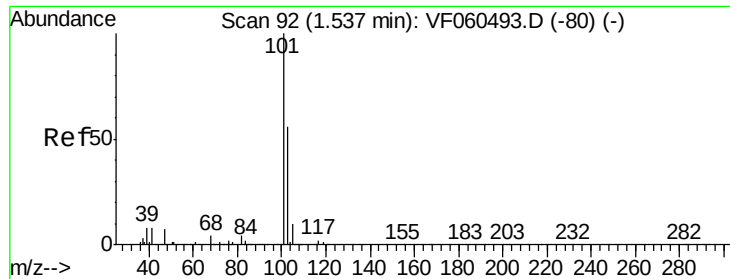
Tgt Ion: 64 Resp: 10728

Ion Ratio Lower Upper

64 100

66 31.5 27.0 40.6





#7

Trichlorofluoromethane

Concen: 4.830 ug/l

RT: 1.54 min Scan# 92

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion:101 Resp: 45257

Ion Ratio Lower Upper

101 100

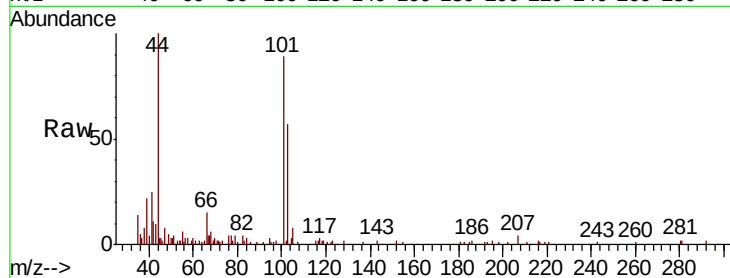
103 64.1 44.6 66.8

Manual Integrations

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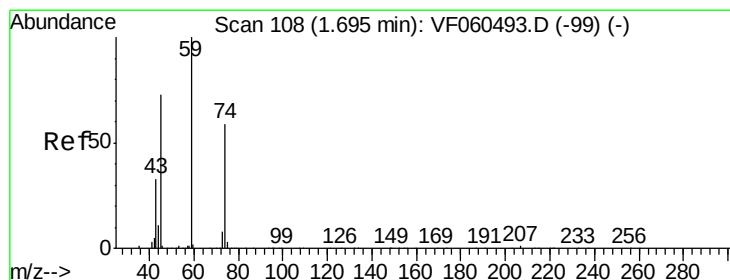
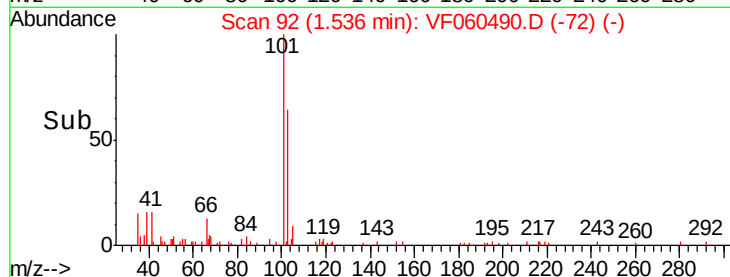
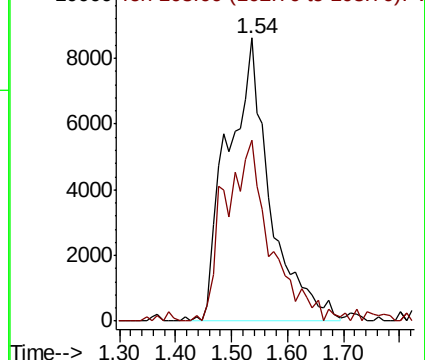
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 5.234 ug/l

RT: 1.69 min Scan# 108

Delta R.T. -0.00 min

Lab File: VF060490.D

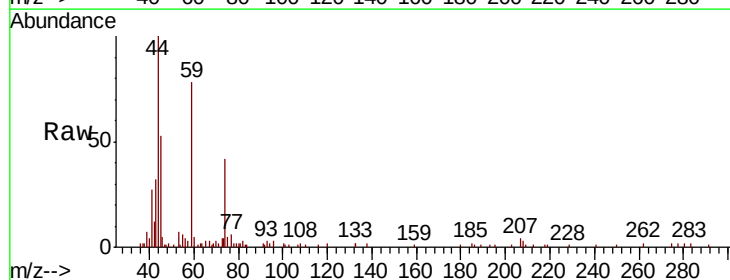
Acq: 9 Oct 2018 14:46

Tgt Ion: 74 Resp: 6868

Ion Ratio Lower Upper

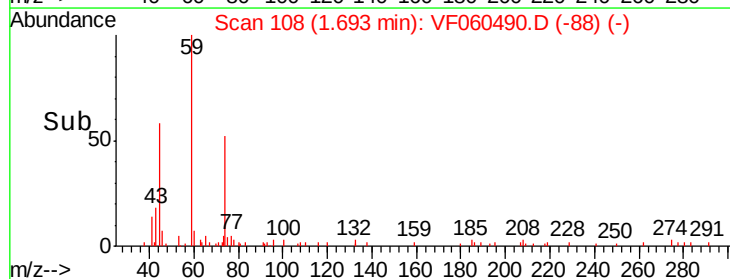
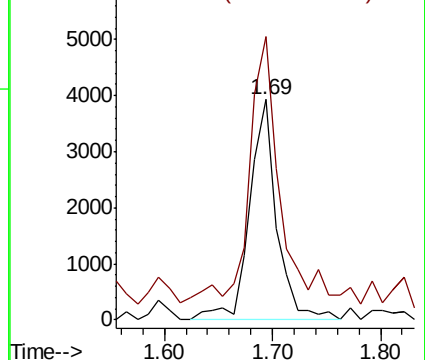
74 100

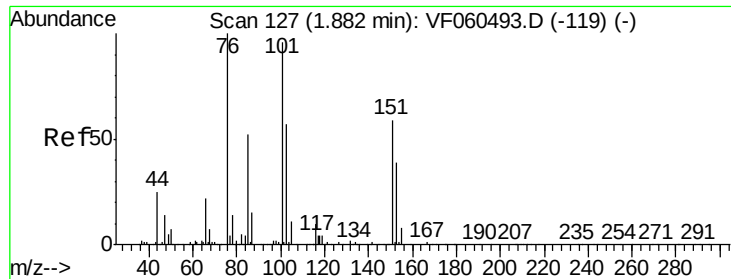
45 128.4 62.7 188.1



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.089 ug/l

RT: 1.88 min Scan# 127

Delta R.T. -0.00 min

Lab File: VF060490.D

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MSVOA_F

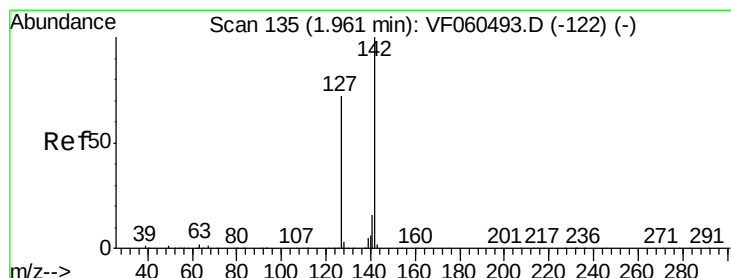
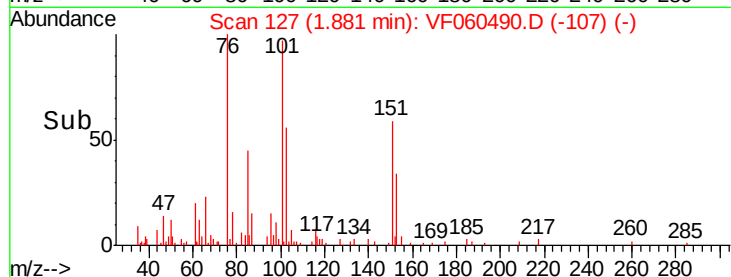
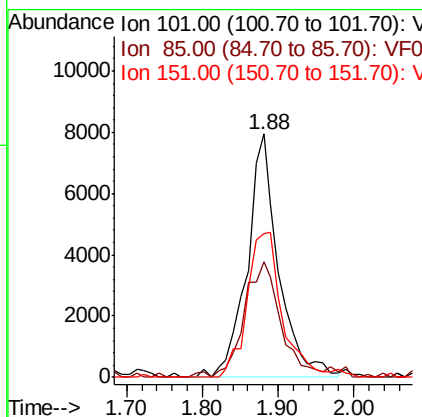
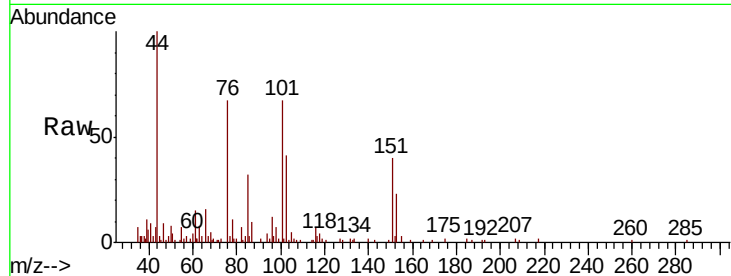
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	23049
Ion Ratio	Lower	Upper	
101	100		
85	46.4	41.8	62.6
151	57.9	47.4	71.0

Manual Integrations
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#10

Methyl Iodide

Concen: 5.180 ug/l

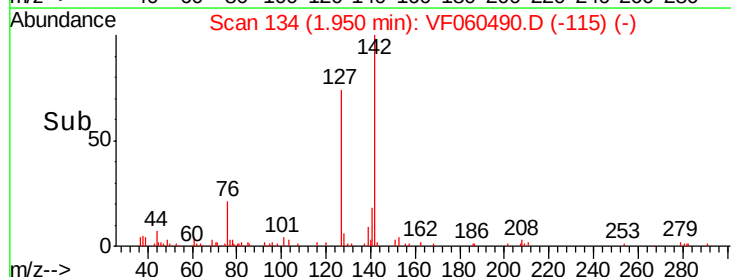
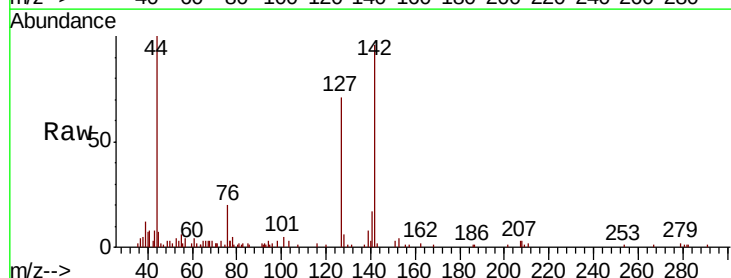
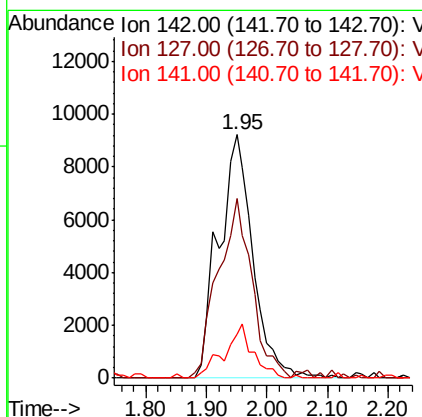
RT: 1.95 min Scan# 134

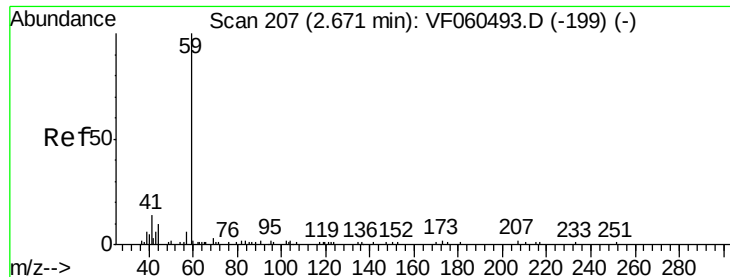
Delta R.T. -0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Tgt Ion:	142	Resp:	36086
Ion Ratio	Lower	Upper	
142	100		
127	73.7	57.9	86.9
141	18.0	12.7	19.1





#11

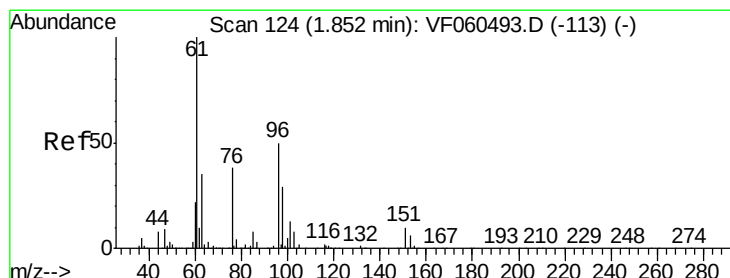
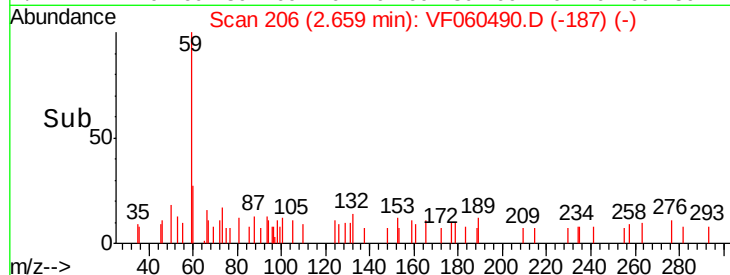
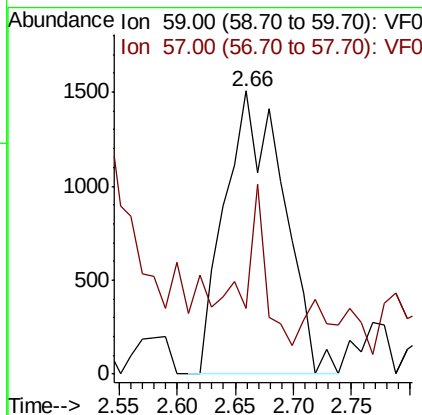
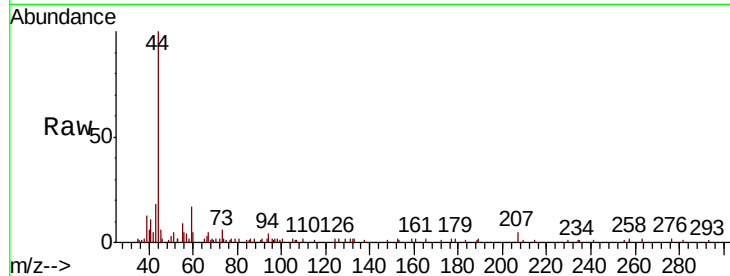
Tert butyl alcohol
Concen: 19.420 ug/l
RT: 2.66 min Scan# 206
Delta R.T. -0.01 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	23.4	10.2	15.2#

Manual Integrations
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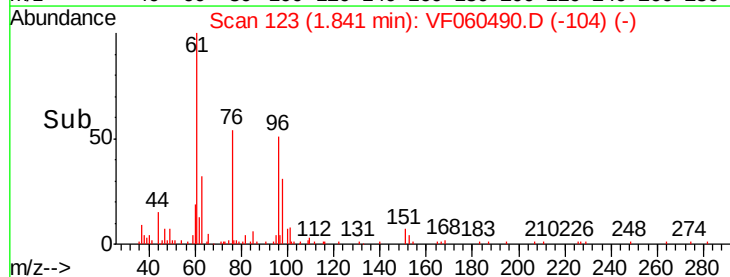
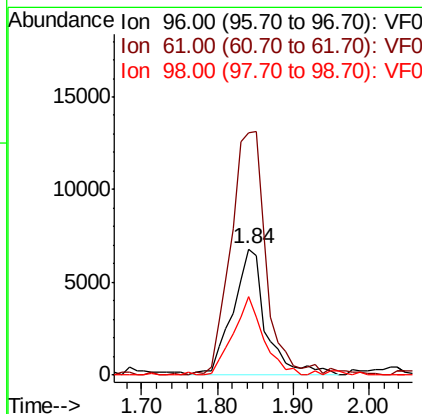
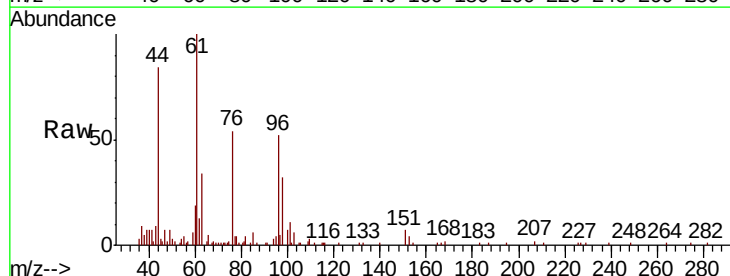
apatel
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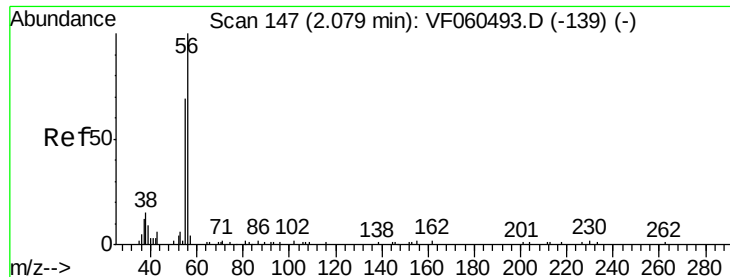


#12

1,1-Dichloroethene
Concen: 5.767 ug/l
RT: 1.84 min Scan# 123
Delta R.T. -0.01 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	192.2	161.9	242.9
98	62.3	47.4	71.2





#13

Acrolein

Concen: 26.461 ug/l m

RT: 2.08 min Scan# 147

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 5316

Ion Ratio Lower Upper

56 100

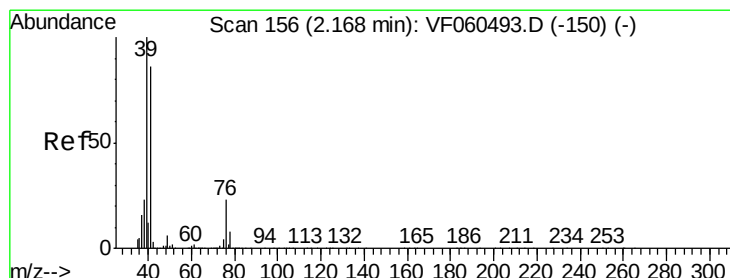
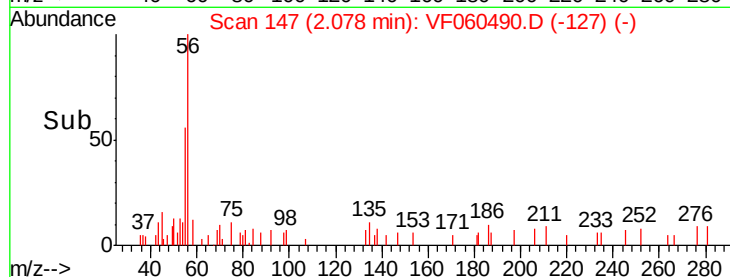
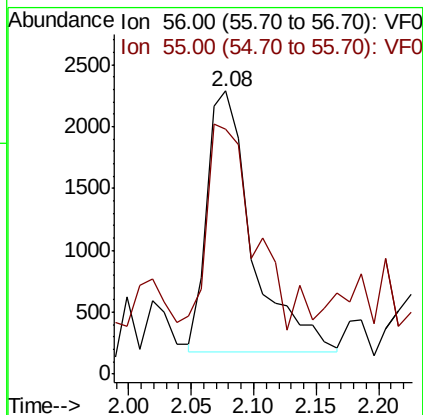
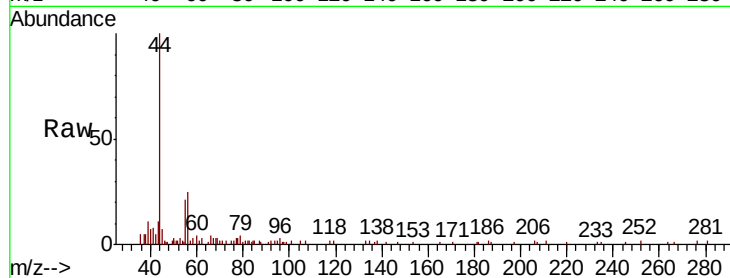
55 86.4 55.3 82.9#

Manual Integrations

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#14

Allyl chloride

Concen: 4.794 ug/l

RT: 2.18 min Scan# 157

Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

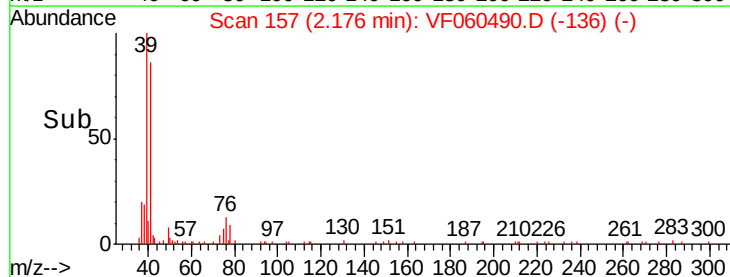
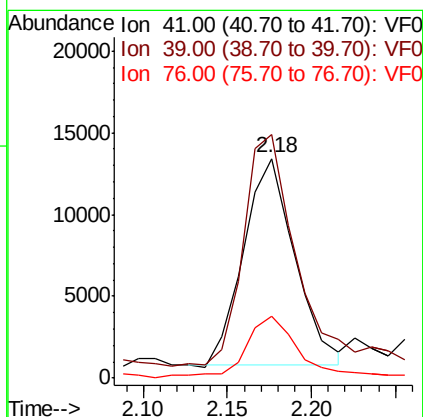
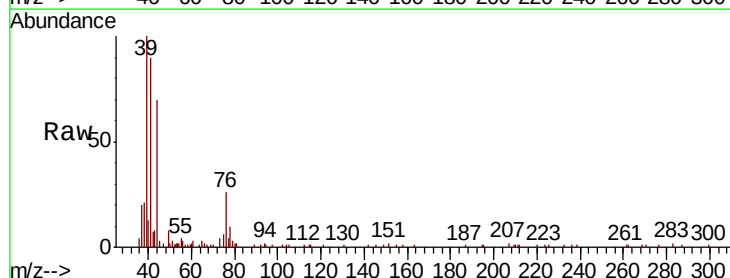
Tgt Ion: 41 Resp: 26680

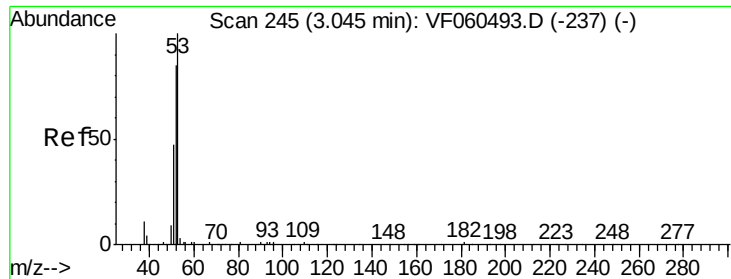
Ion Ratio Lower Upper

41 100

39 110.9 93.1 139.7

76 28.3 21.6 32.4





#15

Acrylonitrile

Concen: 24.488 ug/l

RT: 3.05 min Scan# 246

Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

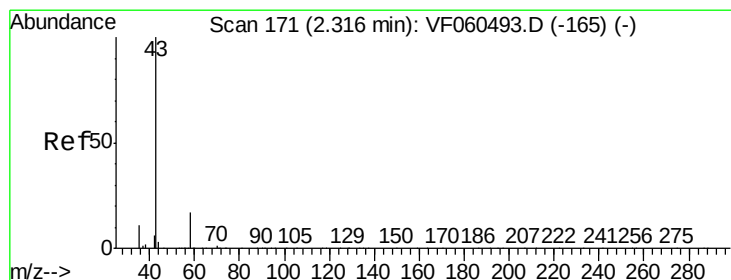
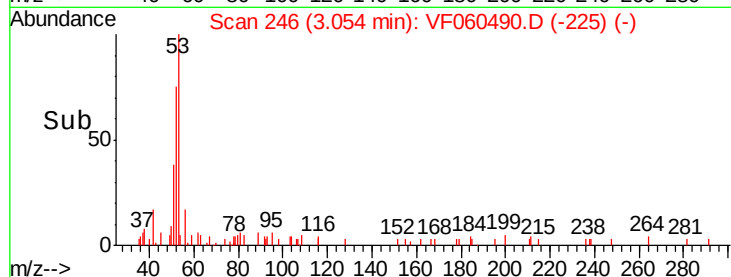
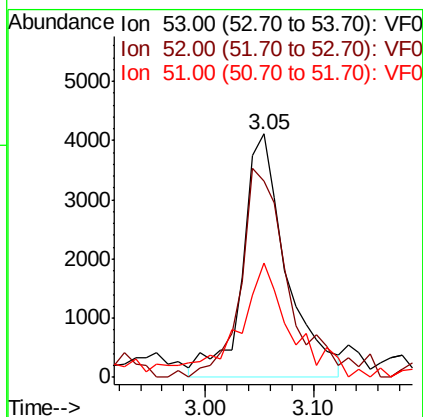
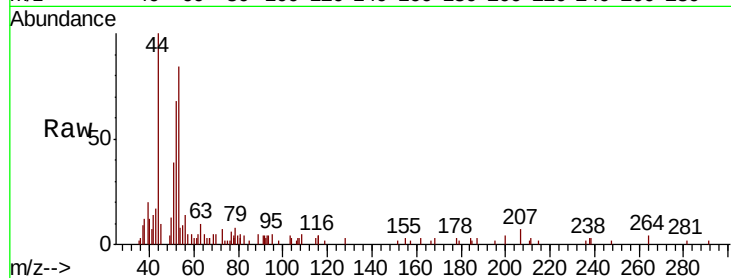
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	11585
Ion	Ratio	Lower	Upper
53	100		
52	80.9	67.5	101.3
51	47.0	38.2	57.4

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#16

Acetone

Concen: 28.491 ug/l

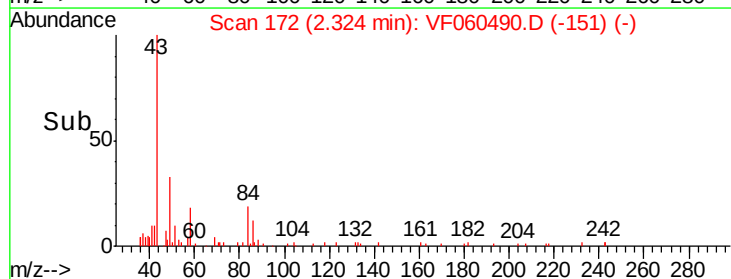
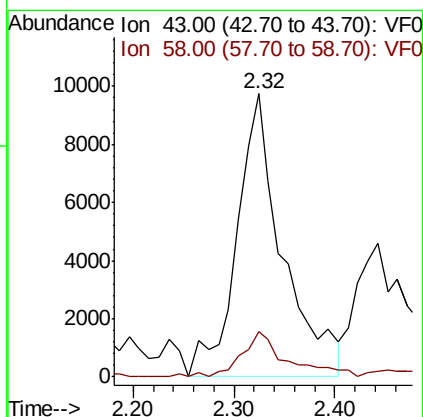
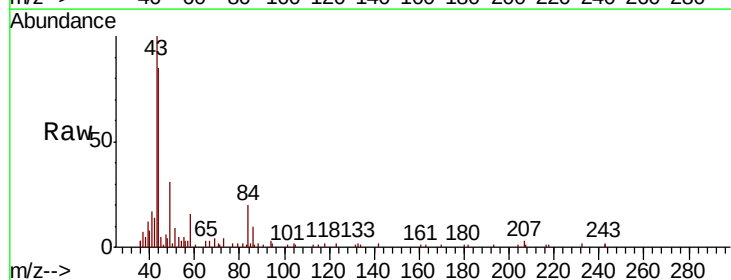
RT: 2.32 min Scan# 172

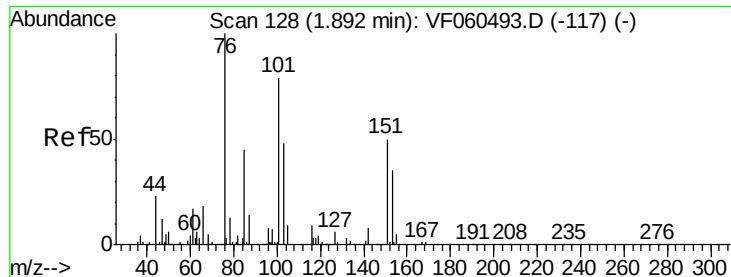
Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Tgt Ion:	43	Resp:	30796
Ion	Ratio	Lower	Upper
43	100		
58	16.2	13.2	19.8





#17

Carbon Disulfide

Concen: 5.336 ug/l m

RT: 1.89 min Scan# 128

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 56248

Ion Ratio Lower Upper

76 100

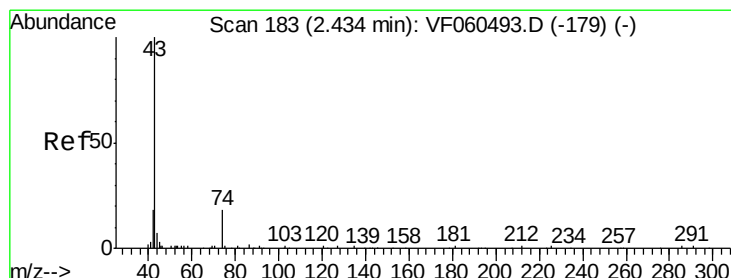
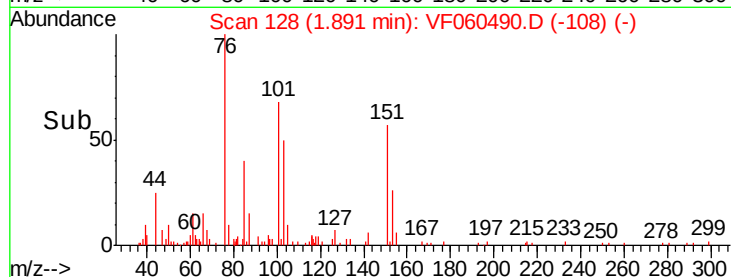
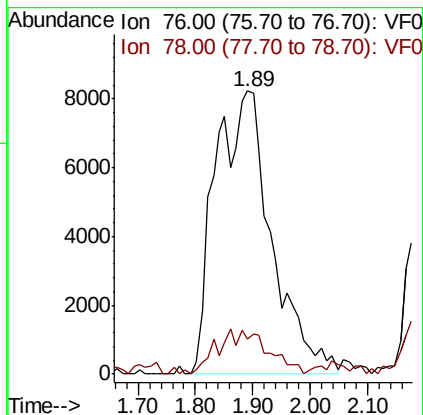
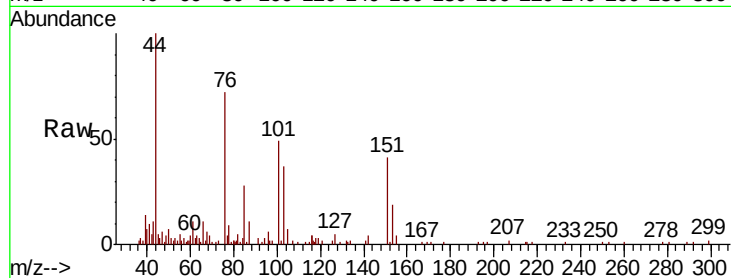
78 12.6 10.5 15.7

Manual Integrations

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#18

Methyl Acetate

Concen: 6.204 ug/l

RT: 2.44 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF060490.D

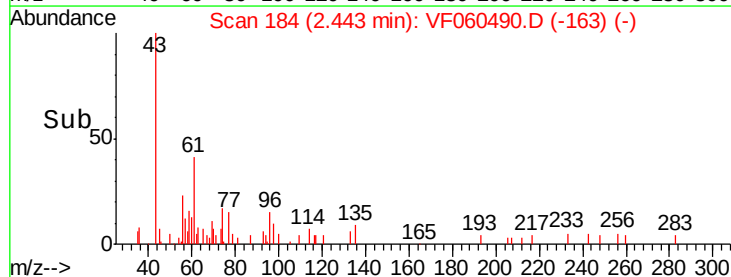
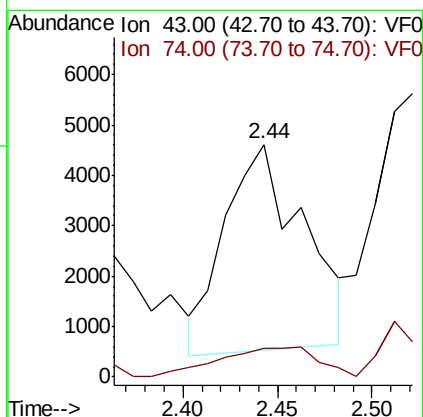
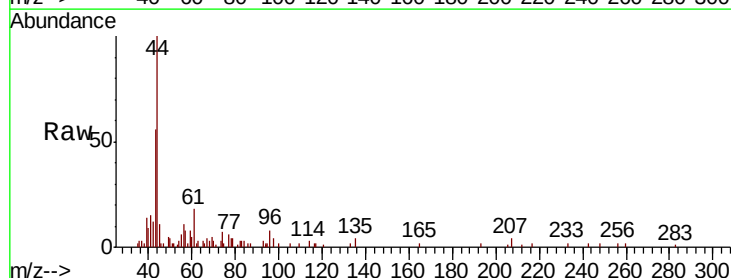
Acq: 9 Oct 2018 14:46

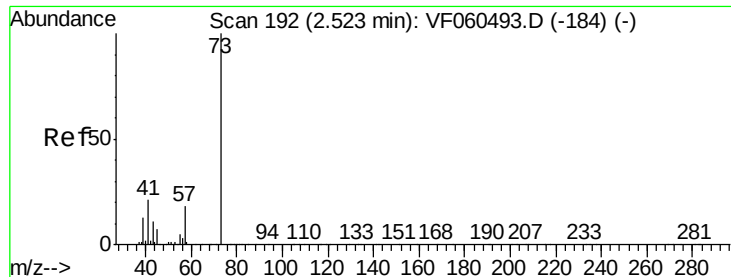
Tgt Ion: 43 Resp: 11838

Ion Ratio Lower Upper

43 100

74 12.2 12.9 19.3#





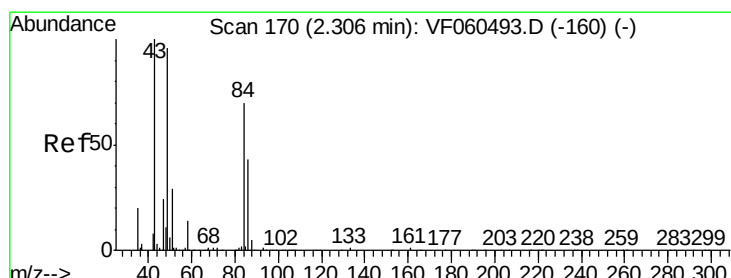
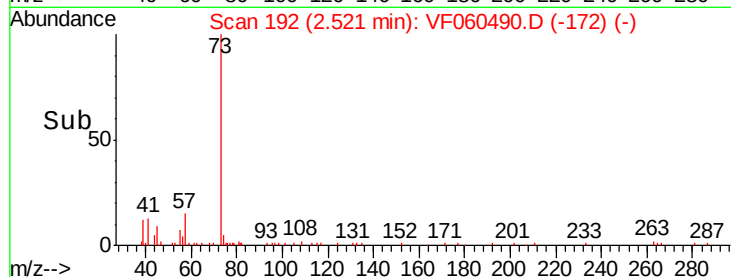
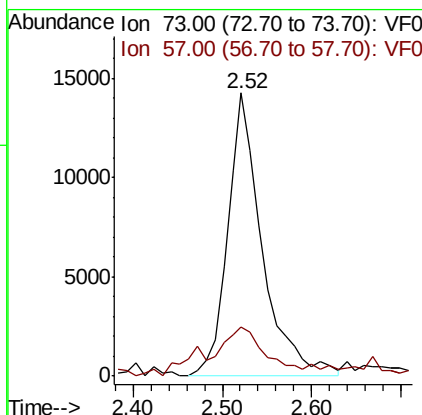
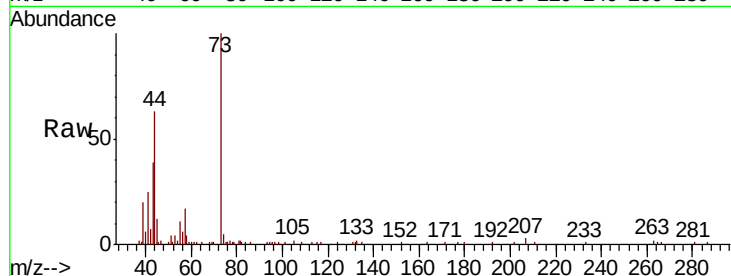
#19
Methyl tert-butyl Ether
Concen: 4.508 ug/l
RT: 2.52 min Scan# 192
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.2	15.0	22.6

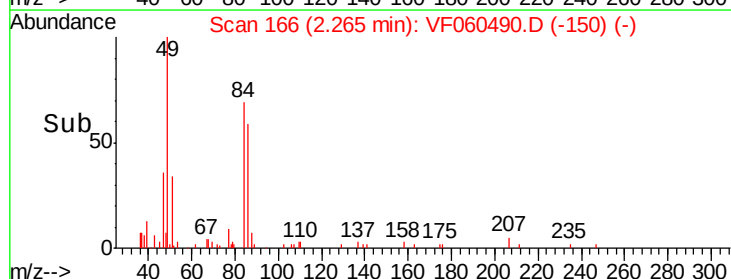
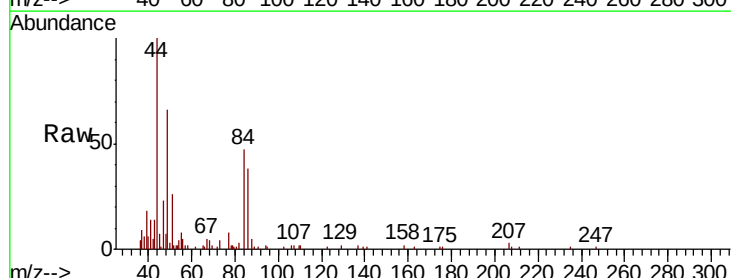
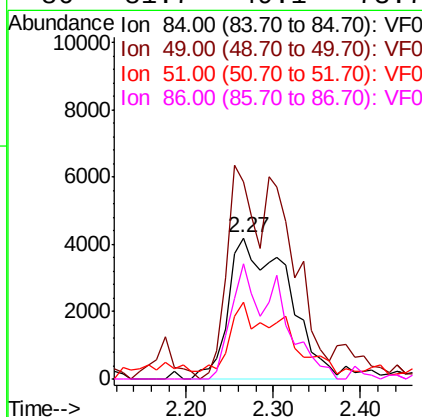
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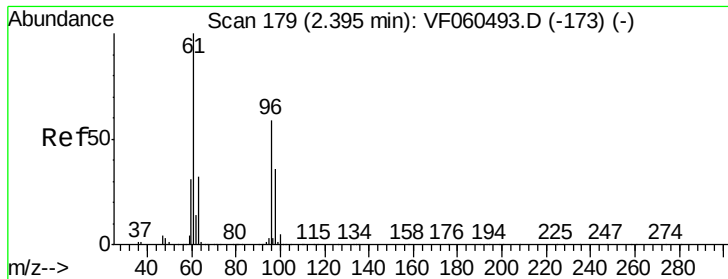
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#20
Methylene Chloride
Concen: 4.988 ug/l m
RT: 2.27 min Scan# 166
Delta R.T. -0.04 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.3	111.5	167.3
51	54.7	34.6	52.0#
86	81.7	49.1	73.7#





#21

trans-1,2-Dichloroethene

Concen: 4.595 ug/l

RT: 2.39 min Scan# 179

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

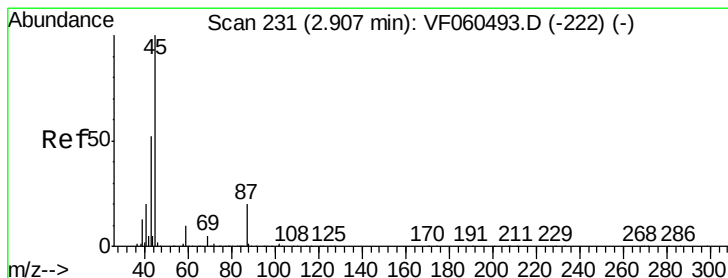
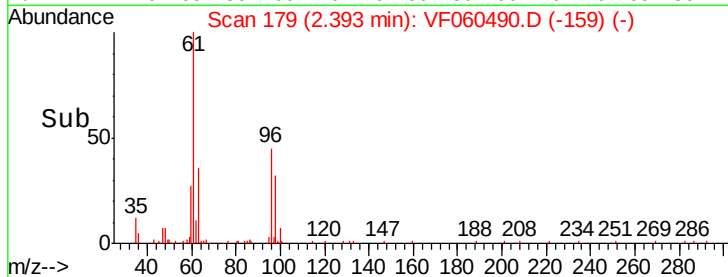
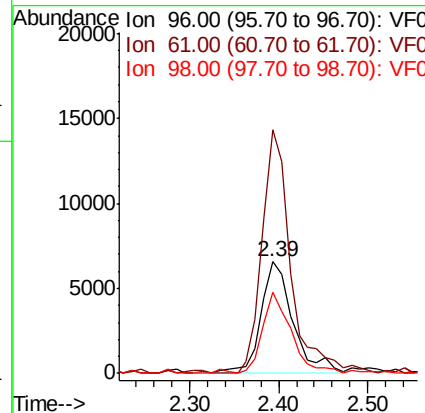
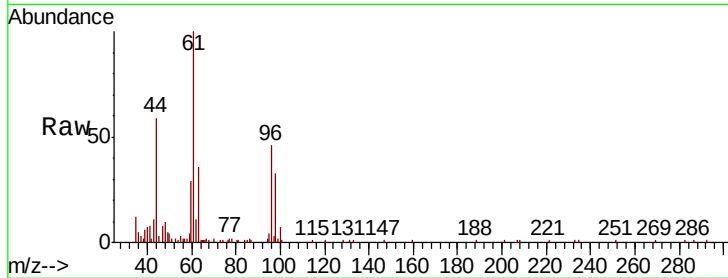
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	16269
Ion	Ratio	Lower	Upper
96	100		
61	218.3	136.2	204.4#
98	72.8	49.7	74.5

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#22

Diisopropyl ether

Concen: 4.857 ug/l

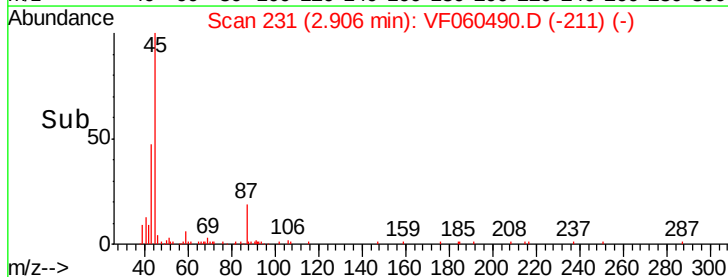
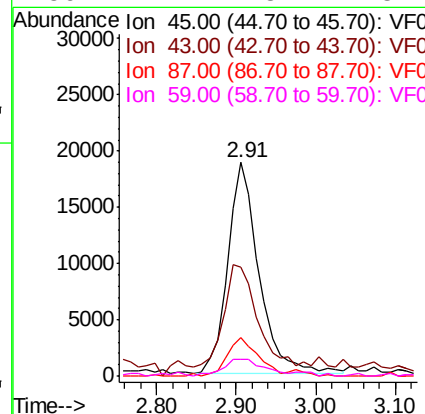
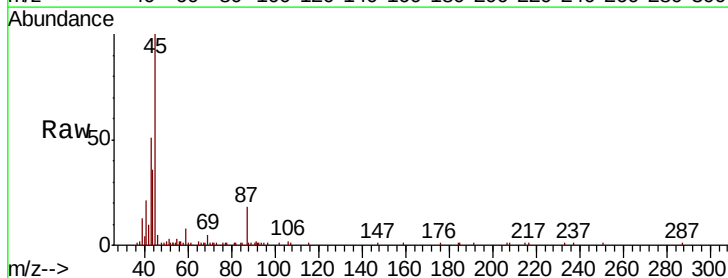
RT: 2.91 min Scan# 231

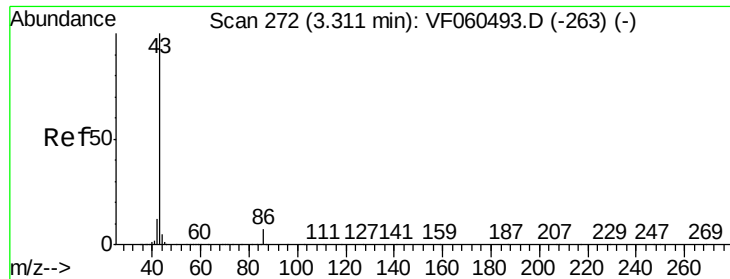
Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Tgt Ion:	45	Resp:	51029
Ion	Ratio	Lower	Upper
45	100		
43	50.8	41.8	62.8
87	18.1	15.7	23.5
59	7.7	8.7	13.1#





#23

Vinyl Acetate

Concen: 23.319 ug/l

RT: 3.31 min Scan# 272

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 94652

Ion Ratio Lower Upper

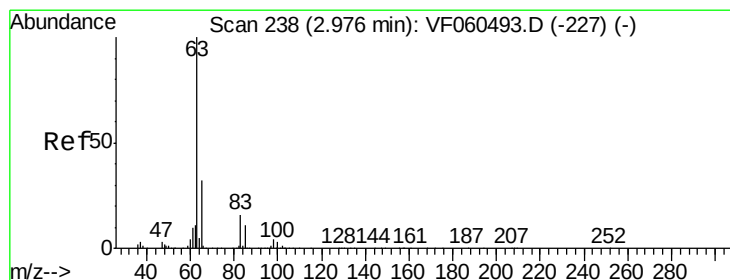
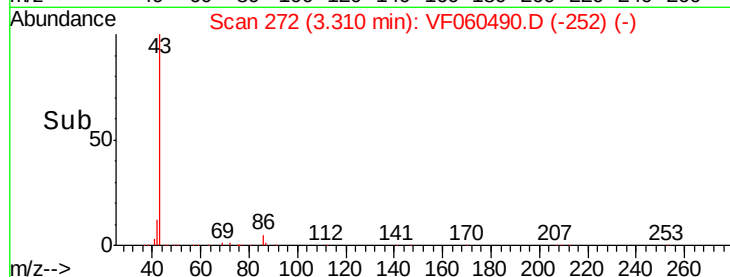
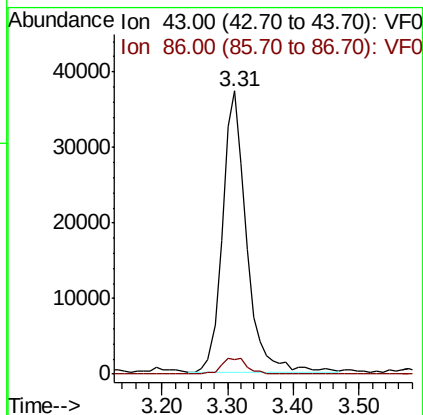
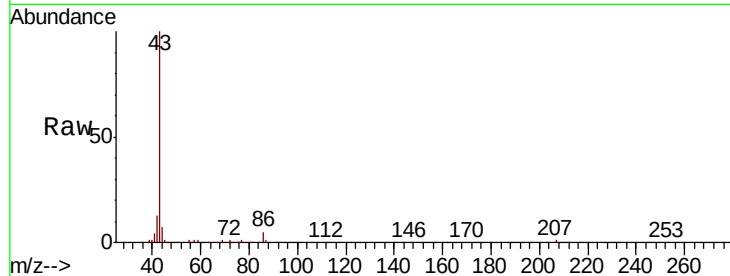
43 100

86 5.2 5.8 8.8#

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#24

1,1-Dichloroethane

Concen: 5.075 ug/l

RT: 2.98 min Scan# 239

Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

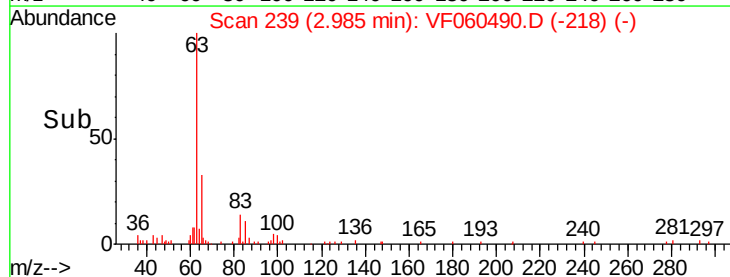
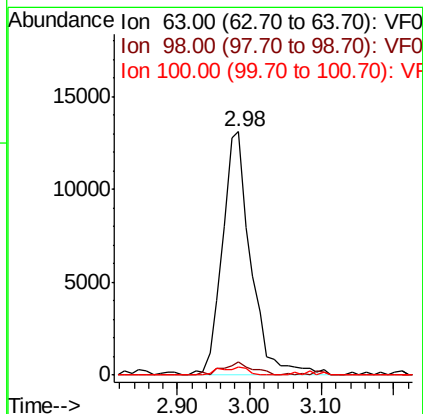
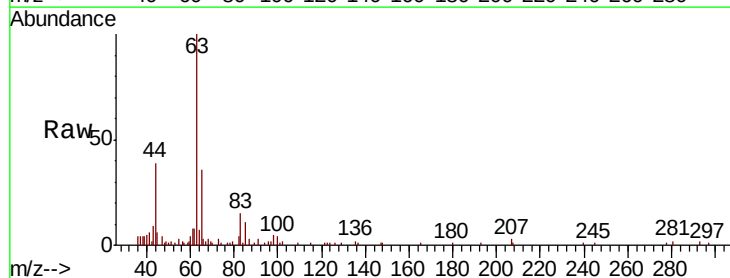
Tgt Ion: 63 Resp: 35891

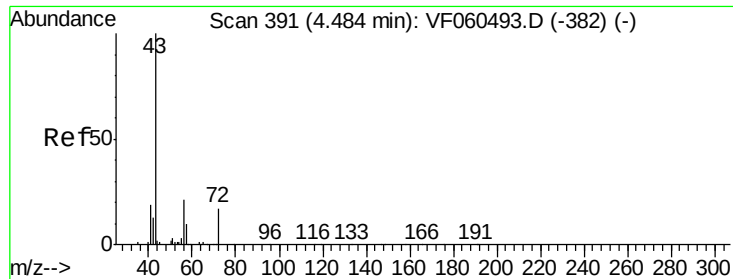
Ion Ratio Lower Upper

63 100

98 5.3 2.2 6.6

100 4.6 1.5 4.4#





#25

2-Butanone

Concen: 23.689 ug/l

RT: 4.49 min Scan# 392

Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 27681

Ion Ratio Lower Upper

43 100

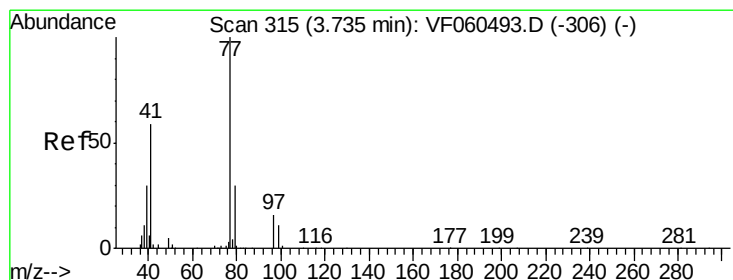
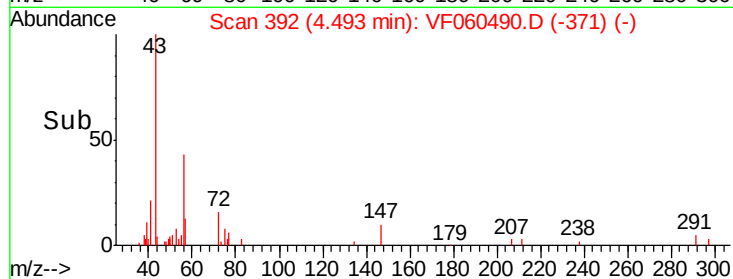
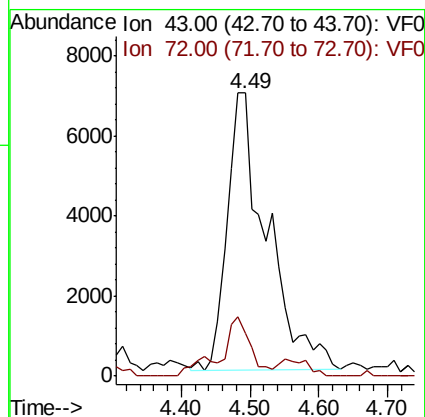
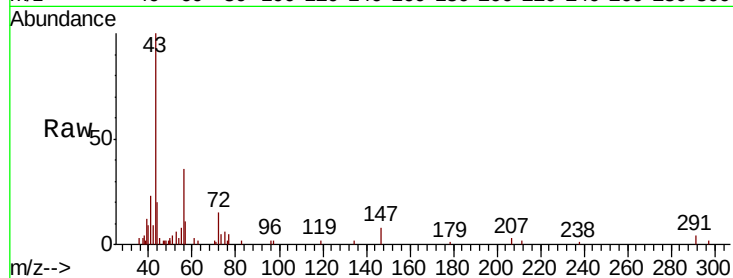
72 15.3 15.0 22.6

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#26

2,2-Dichloropropane

Concen: 4.986 ug/l

RT: 3.73 min Scan# 315

Delta R.T. -0.00 min

Lab File: VF060490.D

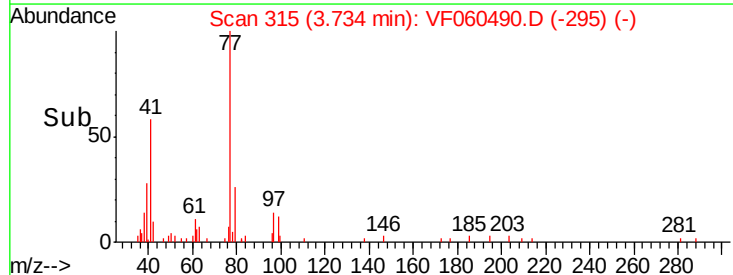
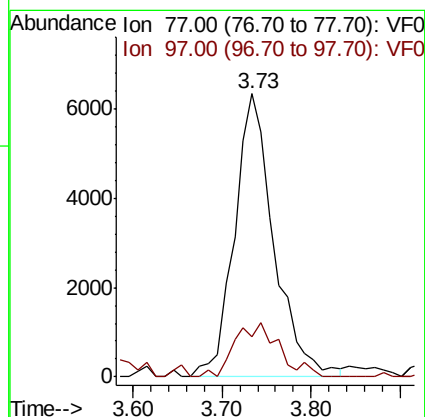
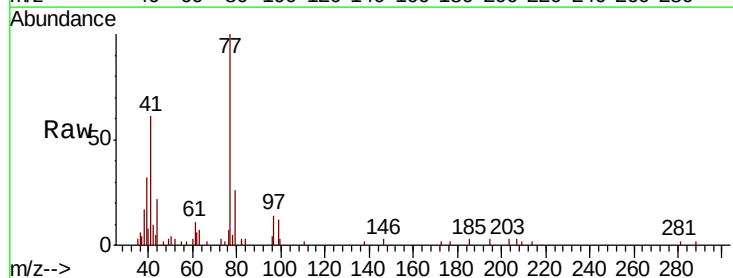
Acq: 9 Oct 2018 14:46

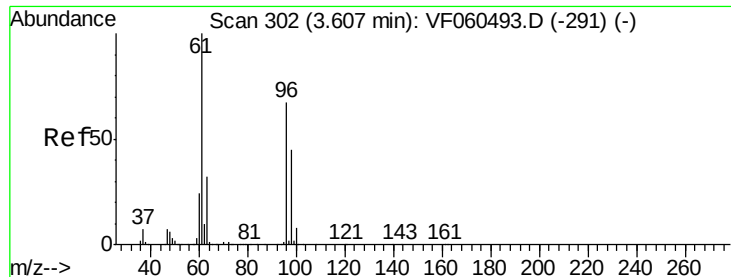
Tgt Ion: 77 Resp: 19556

Ion Ratio Lower Upper

77 100

97 14.2 8.6 25.7





#27

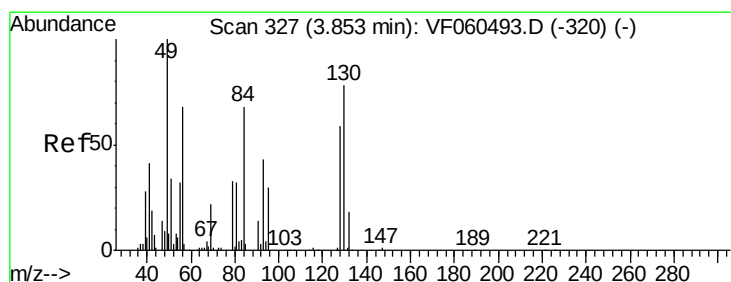
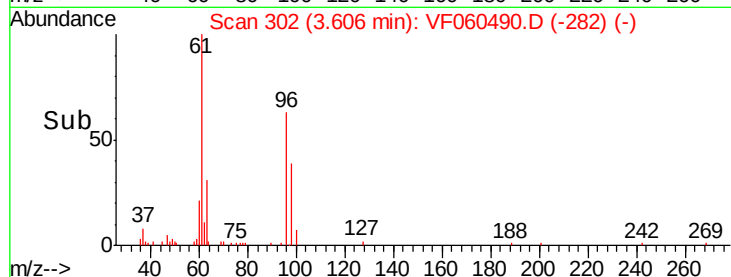
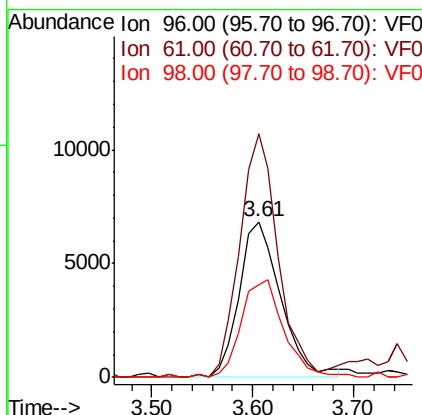
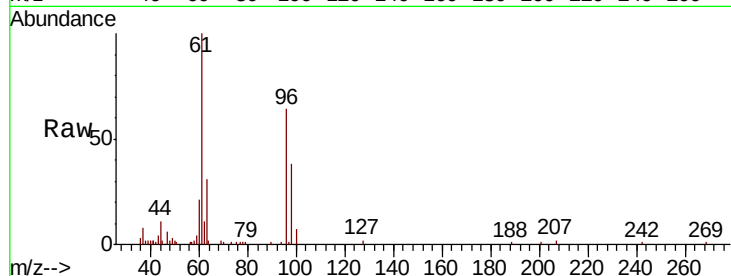
cis-1,2-Dichloroethene
Concen: 4.954 ug/l
RT: 3.61 min Scan# 302
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.6	0.0	298.0
98	59.8	0.0	135.0

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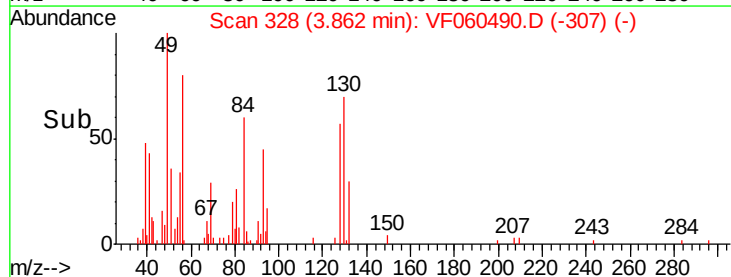
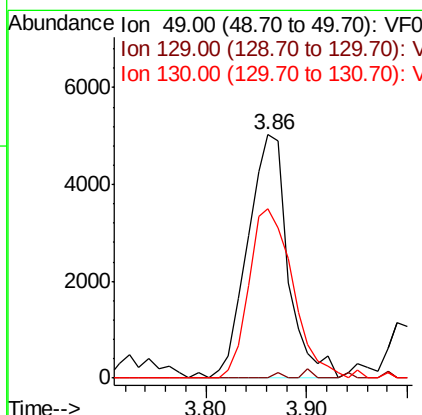
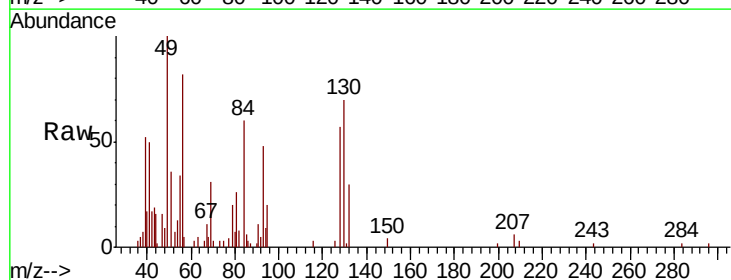
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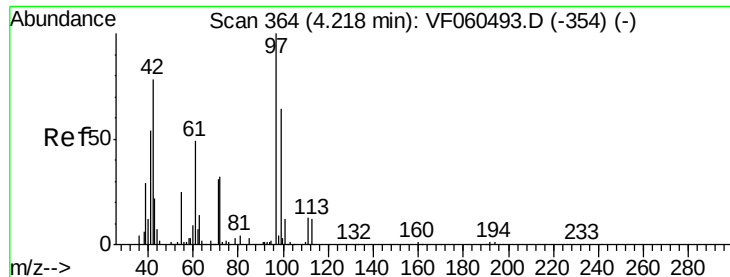


#28

Bromochloromethane
Concen: 5.617 ug/l
RT: 3.86 min Scan# 328
Delta R.T. 0.01 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	69.8	62.2	93.2





#29

Tetrahydrofuran

Concen: 25.503 ug/l

RT: 4.23 min Scan# 365

Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

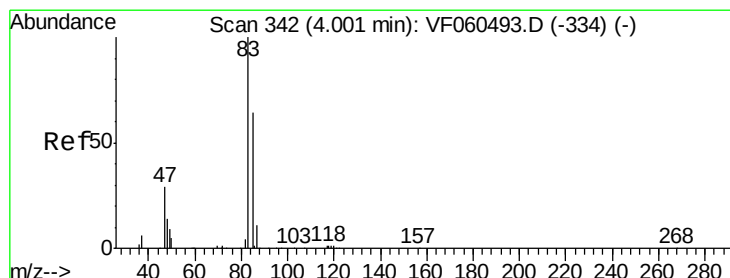
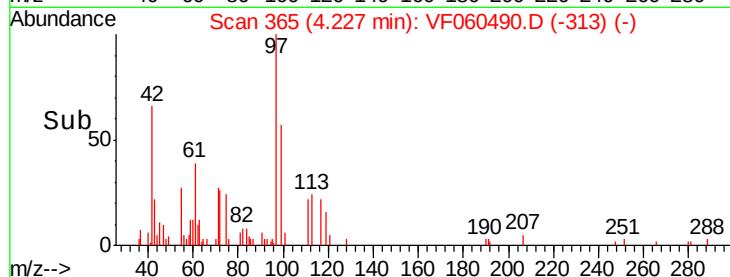
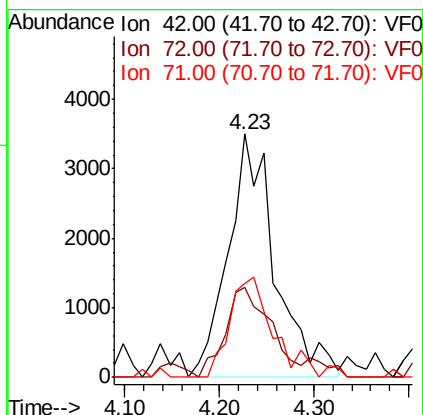
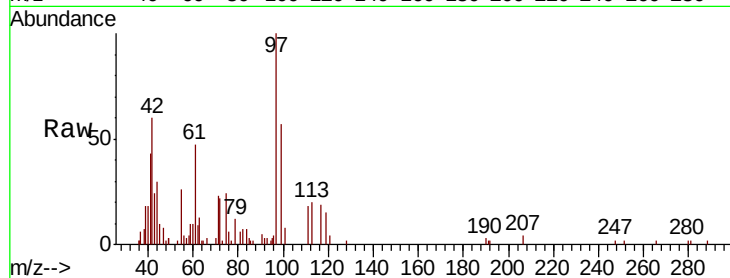
ClientSampleId :

VSTDIC005

Tot Ion:	42	Resp:	12045
Ion	Ratio	Lower	Upper
42	100		
72	35.8	31.9	47.9
71	37.7	33.4	50.0

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#30

Chloroform

Concen: 5.072 ug/l

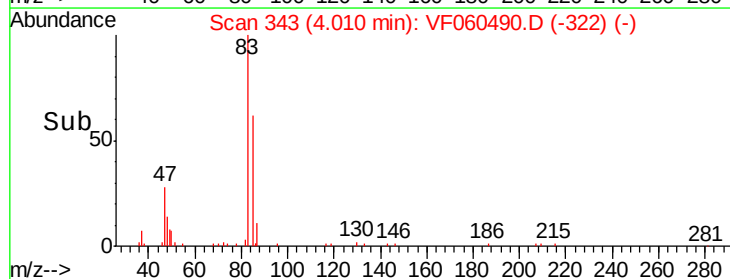
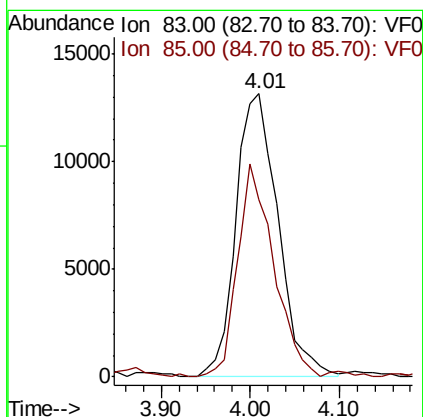
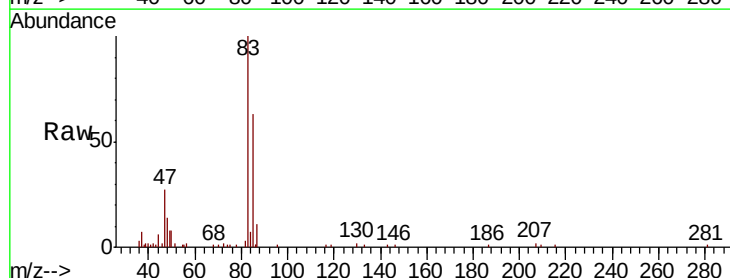
RT: 4.01 min Scan# 343

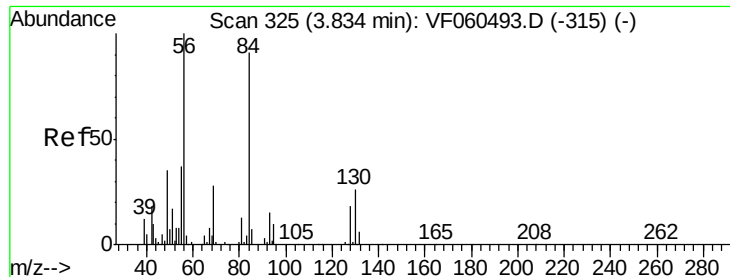
Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Tgt Ion:	83	Resp:	43237
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.7	77.5





#31

Cyclohexane

Concen: 5.179 ug/l

RT: 3.83 min Scan# 325

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

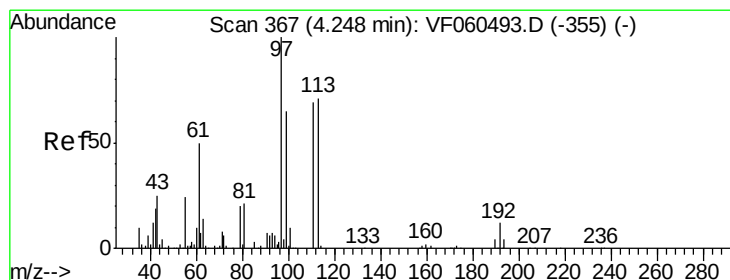
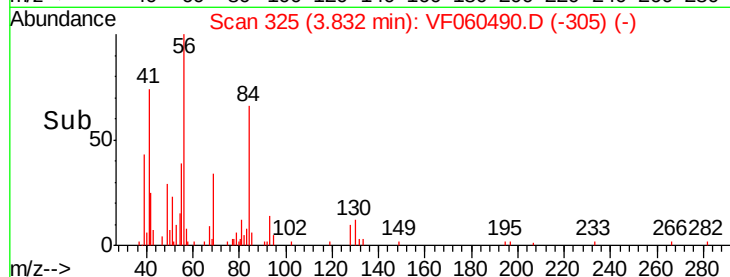
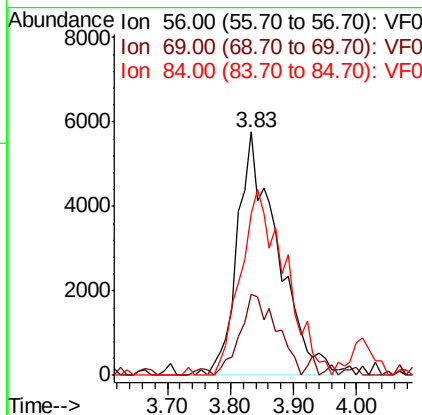
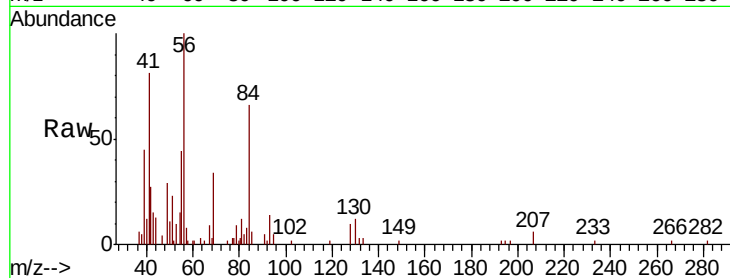
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	25416
Ion	Ratio	Lower	Upper
56	100		
69	33.5	22.7	34.1
84	66.4	73.1	109.7#

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#32

1,1,1-Trichloroethane

Concen: 4.794 ug/l

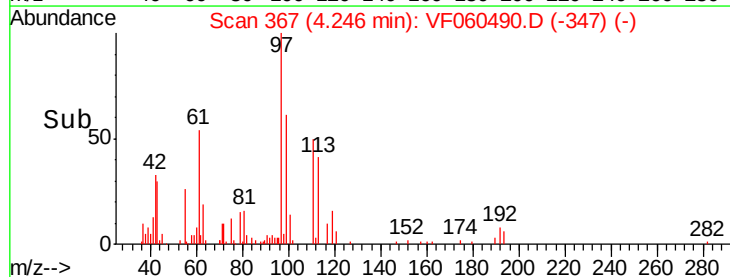
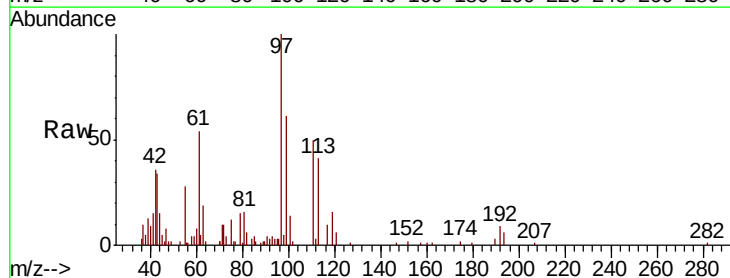
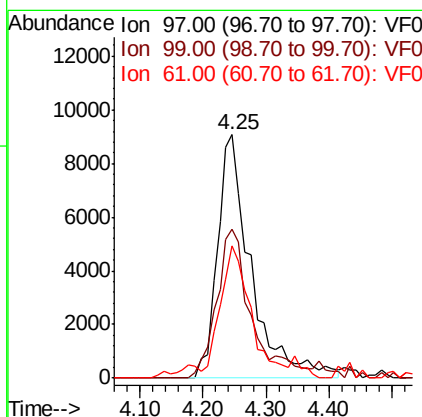
RT: 4.25 min Scan# 367

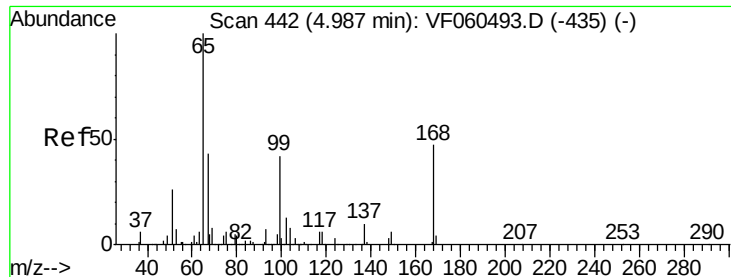
Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Tgt Ion:	97	Resp:	33591
Ion	Ratio	Lower	Upper
97	100		
99	61.1	52.3	78.5
61	54.2	39.8	59.8





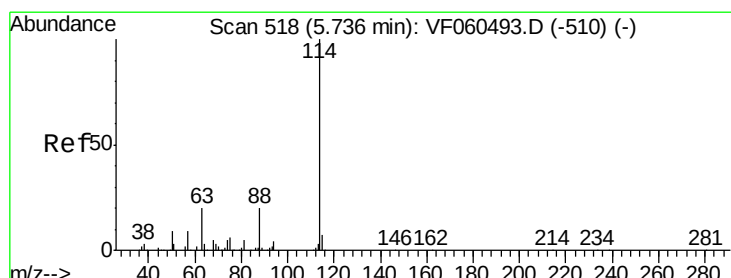
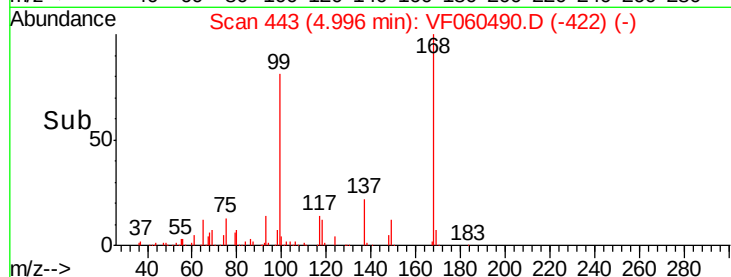
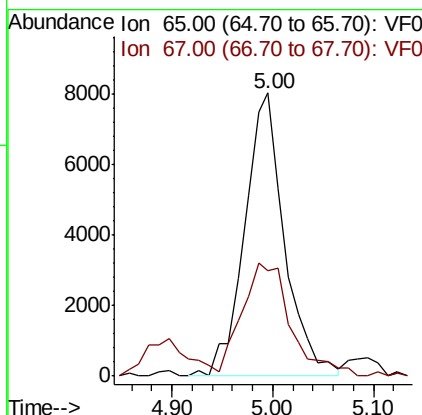
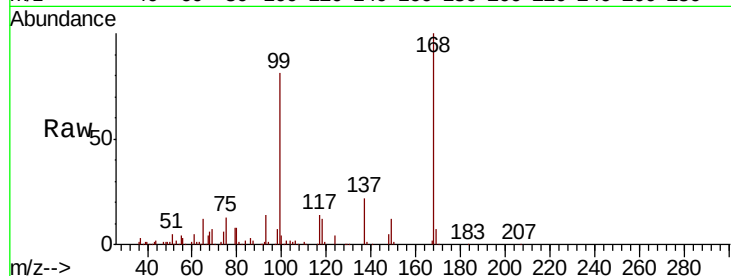
#33
 1,2-Dichloroethane-d4
 Concen: 4.878 ug/l
 RT: 5.00 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VF060490.D
 Acq: 9 Oct 2018 14:46

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	37.2	0.0	94.6

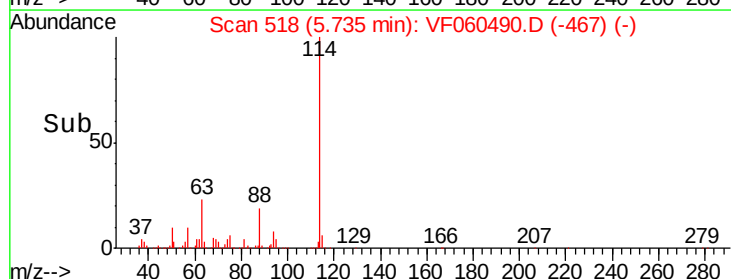
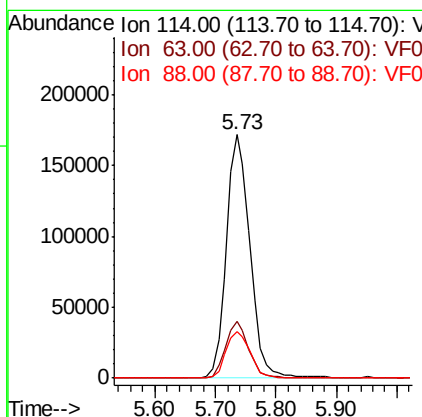
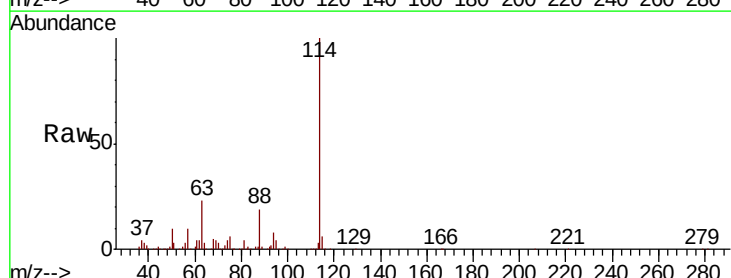
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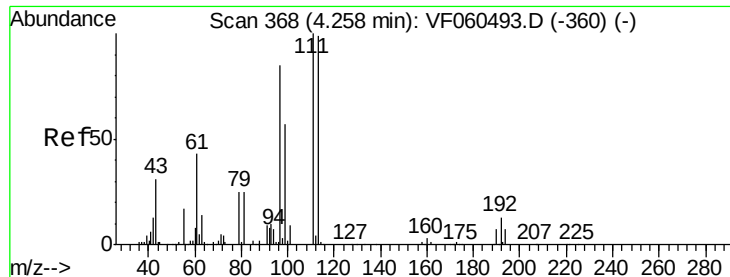
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.73 min Scan# 518
 Delta R.T. -0.00 min
 Lab File: VF060490.D
 Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	40.2
88	19.1	0.0	40.2





#35

Dibromofluoromethane

Concen: 4.903 ug/l

RT: 4.27 min Scan# 369

Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

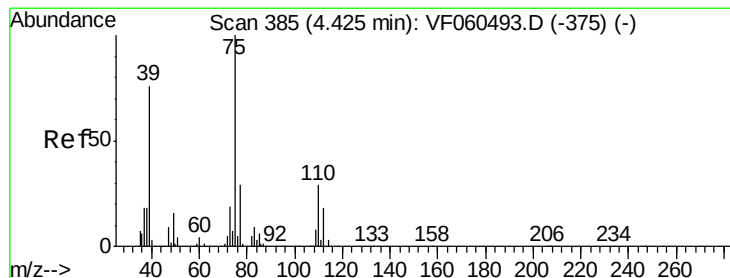
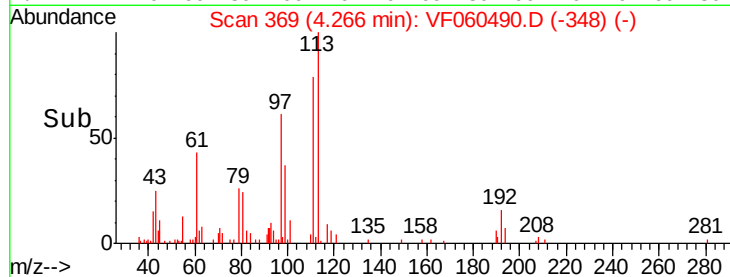
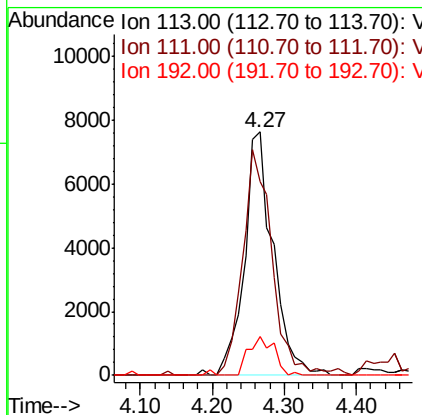
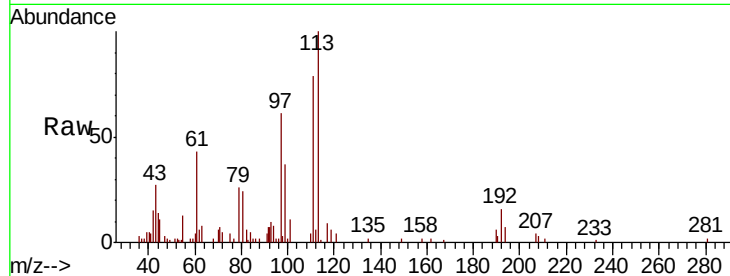
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	21235
Ion Ratio	Lower	Upper	
113	100		
111	79.4	81.0	121.6#
192	16.0	10.7	16.1

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#36

1,1-Dichloropropene

Concen: 5.287 ug/l

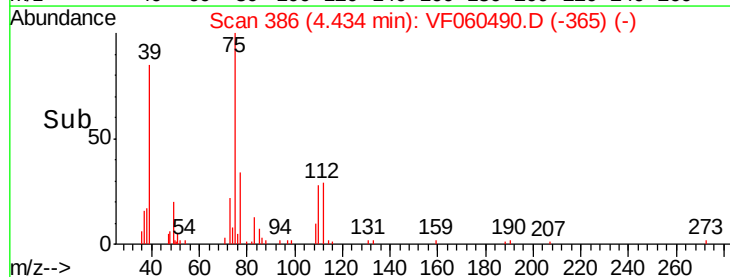
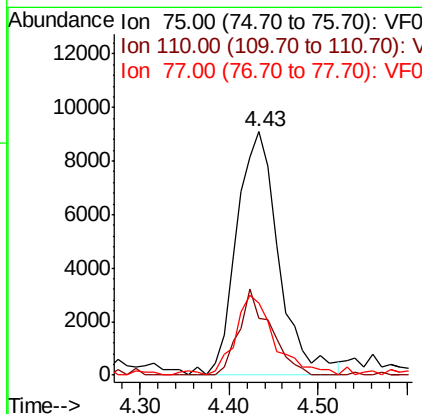
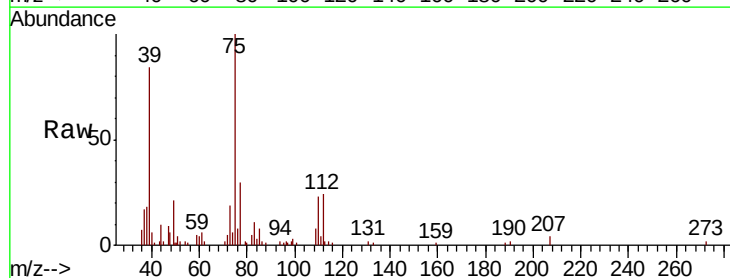
RT: 4.43 min Scan# 386

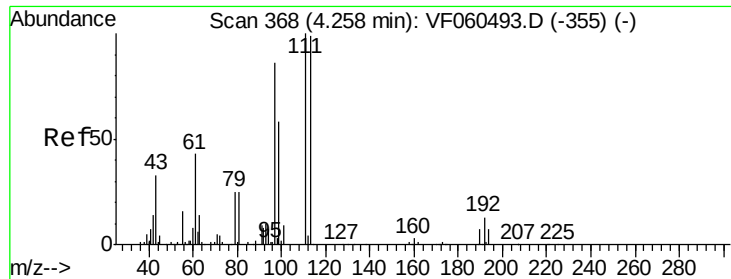
Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Tgt Ion:	75	Resp:	29940
Ion Ratio	Lower	Upper	
75	100		
110	23.4	14.4	43.2
77	29.7	23.5	35.3





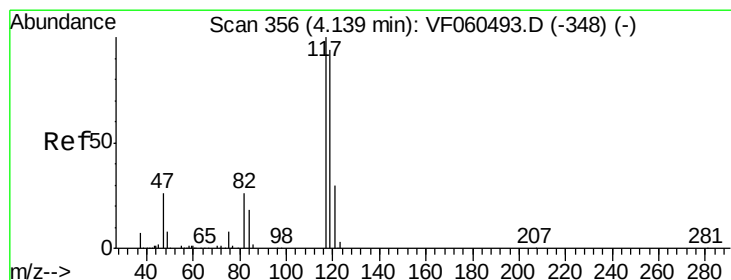
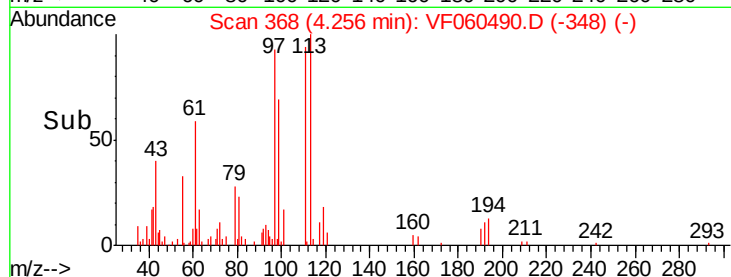
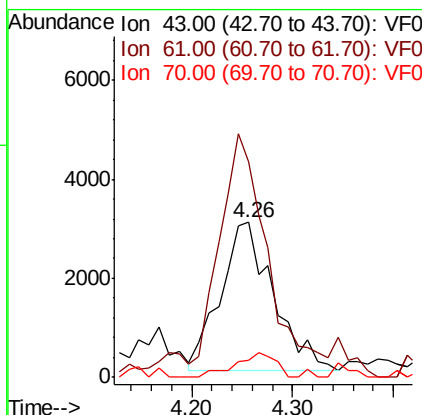
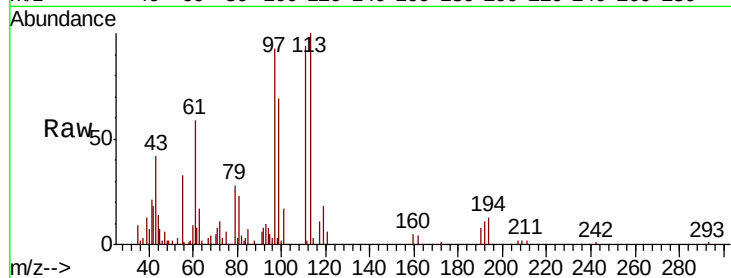
#37
Ethyl Acetate
Concen: 5.009 ug/l
RT: 4.26 min Scan# 368
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	43	Ratio	Lower	Upper
43	100			
61	139.0	106.5	159.7	
70	10.7	6.5	9.7#	

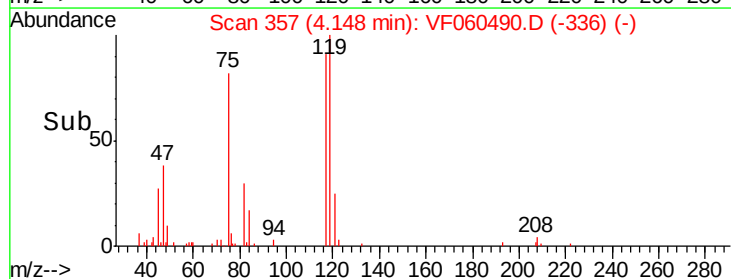
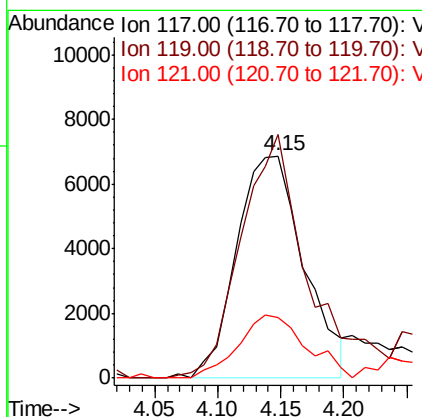
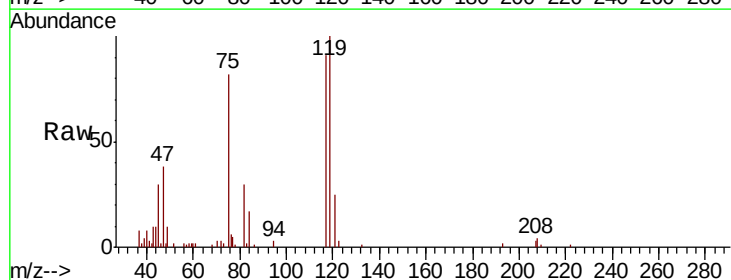
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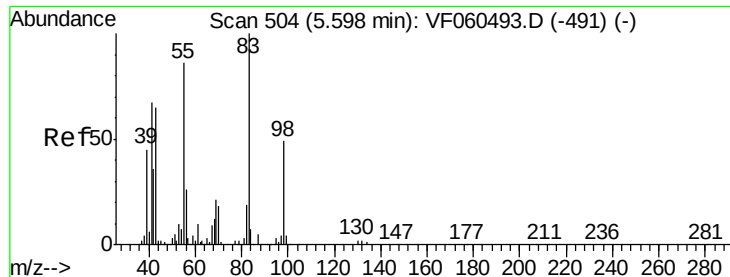
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#38
Carbon Tetrachloride
Concen: 3.822 ug/l m
RT: 4.15 min Scan# 357
Delta R.T. 0.01 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	117	Ratio	Lower	Upper
117	100			
119	109.7	75.0	112.4	
121	27.3	23.8	35.6	





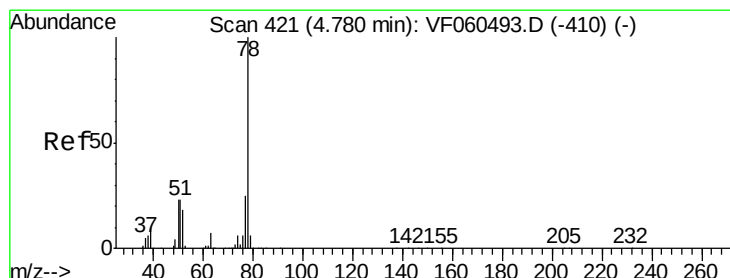
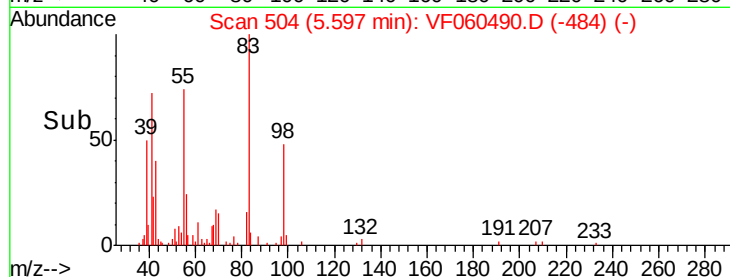
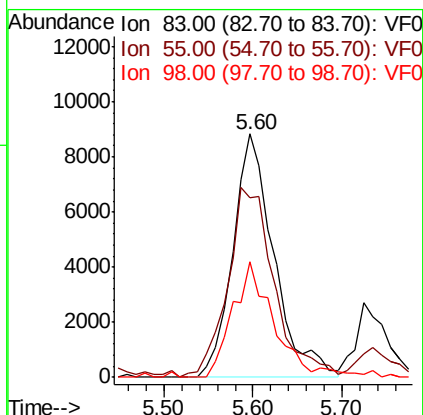
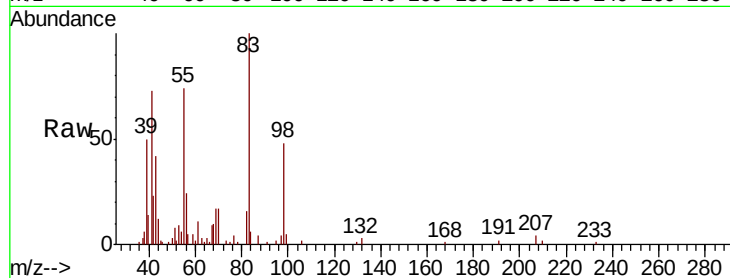
#39
Methylvlcyclohexane
Concen: 5.020 ug/l
RT: 5.60 min Scan# 504
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	69.2	103.8
98	47.7	39.6	59.4

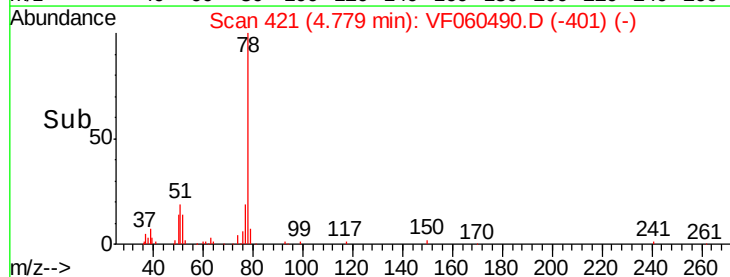
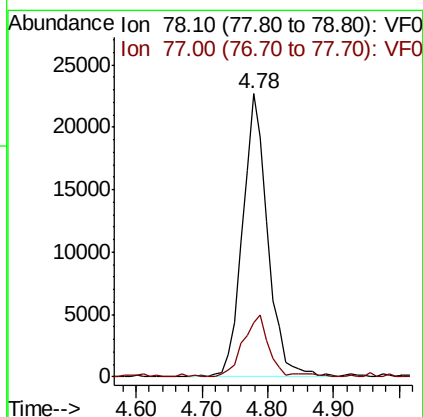
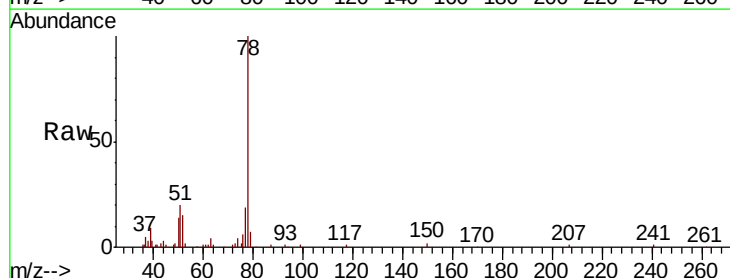
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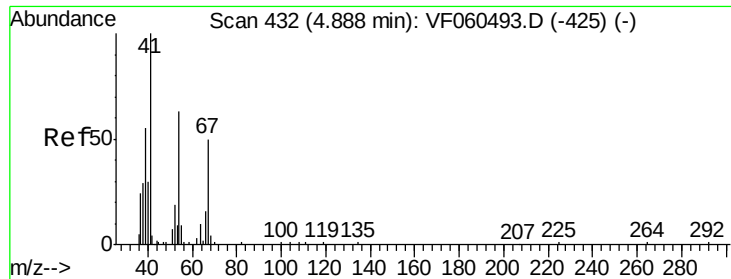
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#40
Benzene
Concen: 5.332 ug/l
RT: 4.78 min Scan# 421
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	19.4	19.8	29.8#





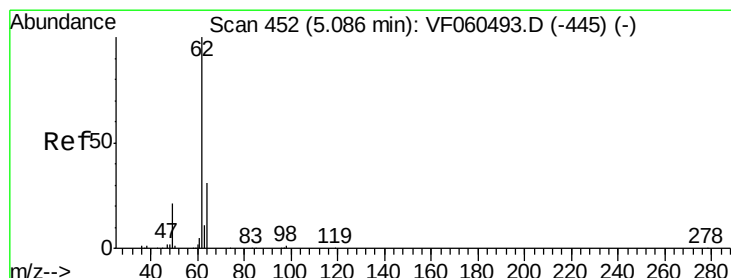
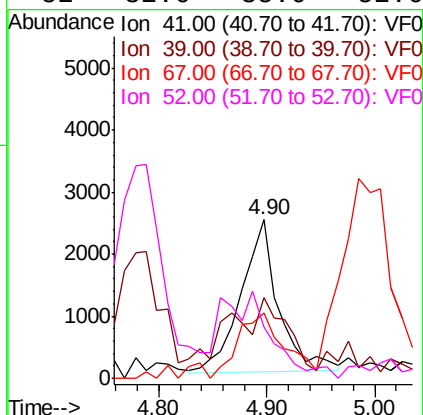
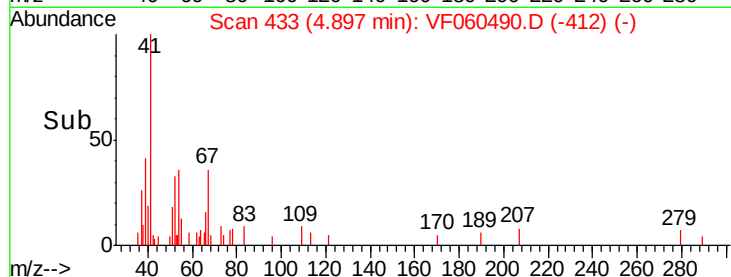
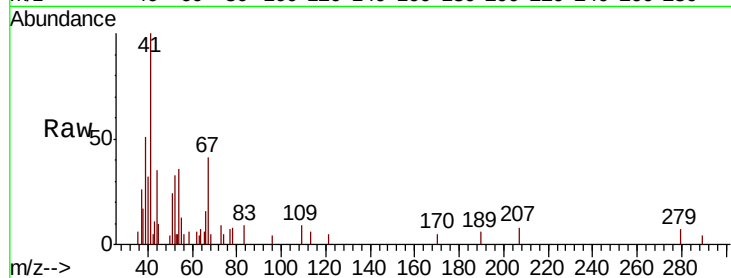
#41
Methacrylonitrile
Concen: 5.136 ug/l
RT: 4.90 min Scan# 433
Delta R.T. 0.01 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
5962	41	100		
	39	50.8	53.1	79.7#
	67	41.1	39.4	59.0
	52	32.6	35.0	52.6#

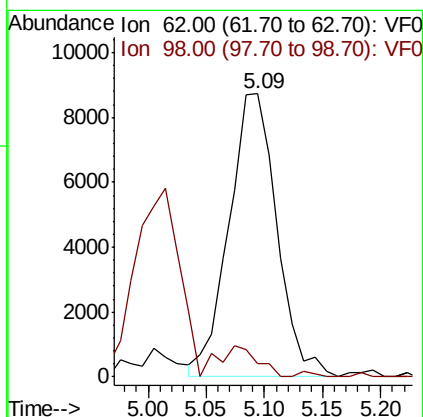
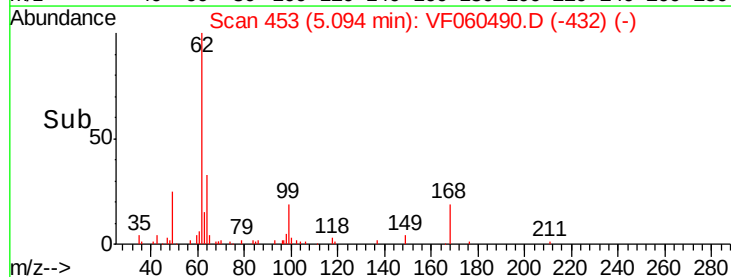
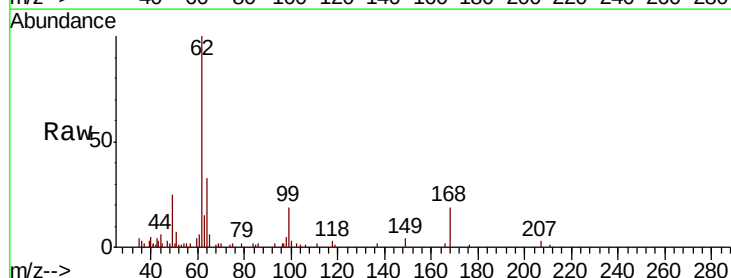
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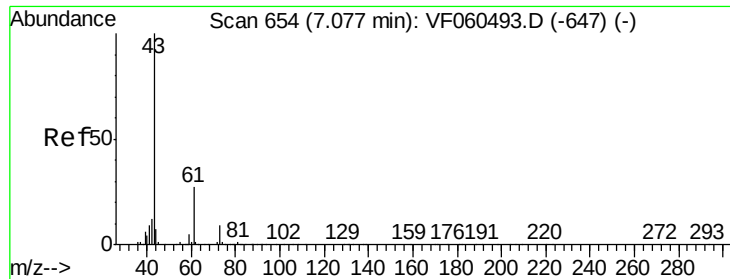
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#42
1,2-Dichloroethane
Concen: 4.636 ug/l
RT: 5.09 min Scan# 453
Delta R.T. 0.01 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ion	Ratio	Lower	Upper
25006	62	100		
	98	4.6	0.0	12.8





#43

Isopropyl Acetate

Concen: 5.262 ug/l

RT: 7.09 min Scan# 655

Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

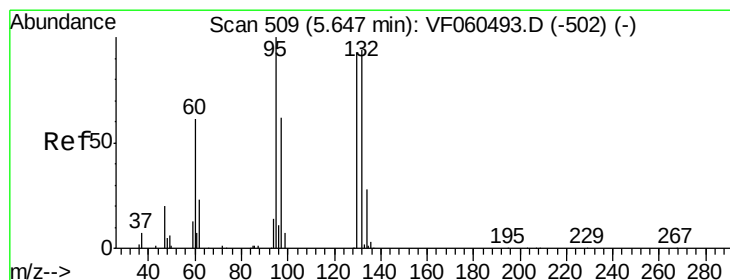
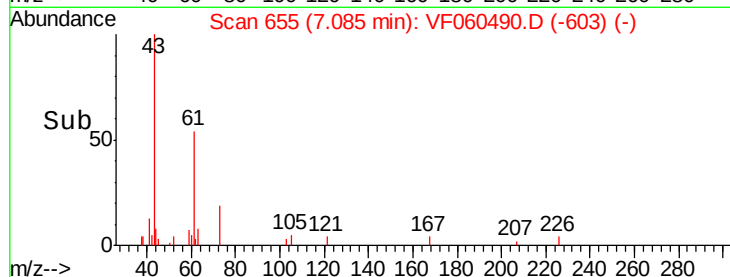
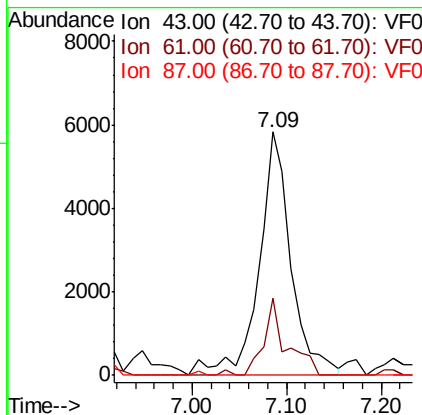
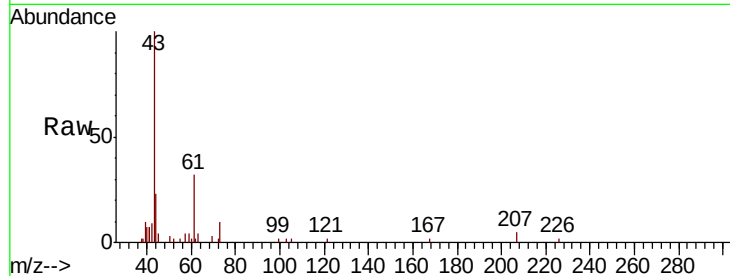
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	13816
Ion	Ratio	Lower	Upper
43	100		
61	31.7	21.6	32.4
87	0.0	0.6	0.8#

Manual Integrations
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#44

Trichloroethene

Concen: 5.204 ug/l

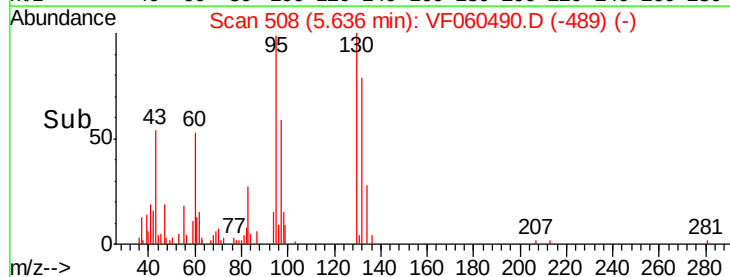
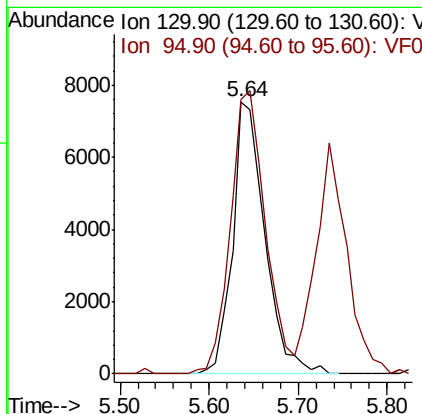
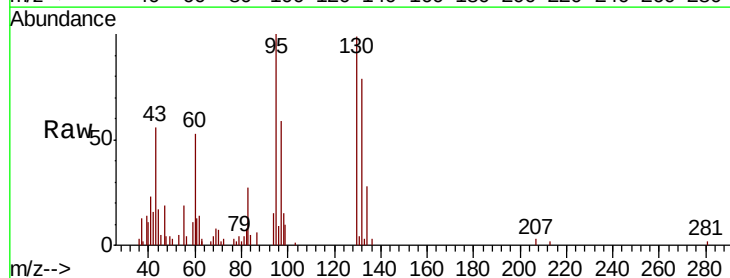
RT: 5.64 min Scan# 508

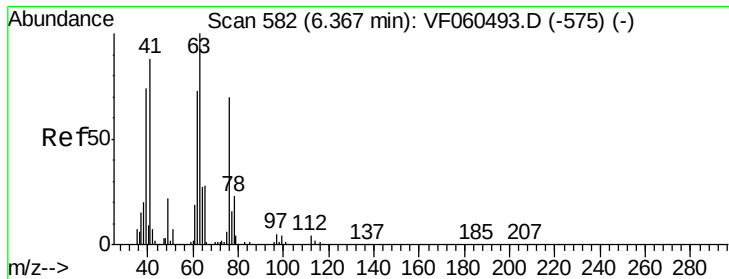
Delta R.T. -0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Tgt Ion:	130	Resp:	19049
Ion	Ratio	Lower	Upper
130	100		
95	100.9	0.0	216.0





#45

1,2-Dichloropropane

Concen: 4.617 ug/l

RT: 6.38 min Scan# 583

Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 13800

Ion Ratio Lower Upper

63 100

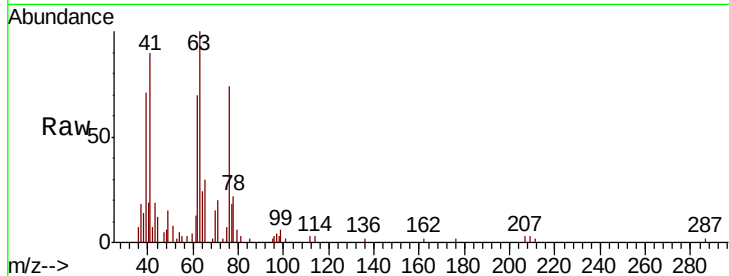
65 29.7 22.2 33.2

Manual Integrations

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Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6000

5000

4000

3000

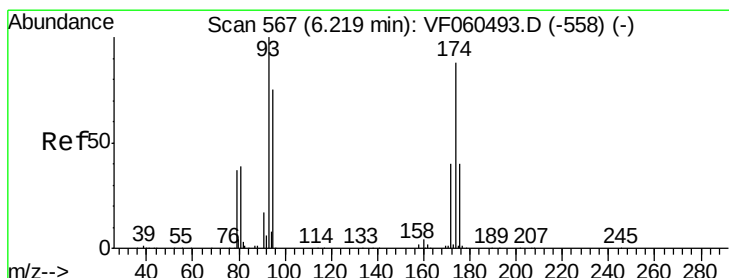
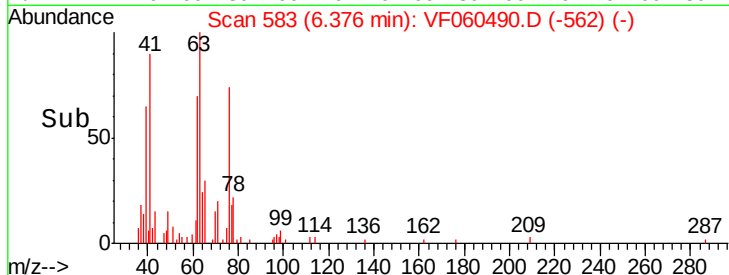
2000

1000

0

6.30 6.40 6.50

Time-->



#46

Dibromomethane

Concen: 4.583 ug/l

RT: 6.22 min Scan# 567

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

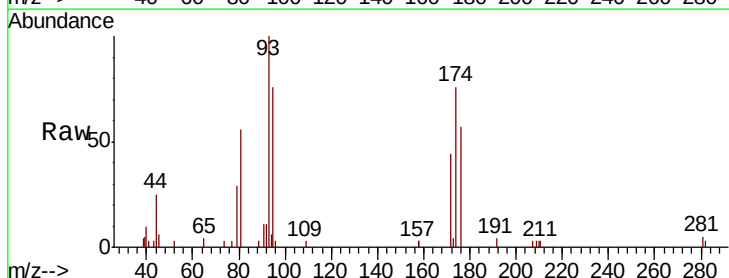
Tgt Ion: 93 Resp: 11036

Ion Ratio Lower Upper

93 100

95 75.8 60.0 90.0

174 76.2 71.0 106.6



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

5000

4000

3000

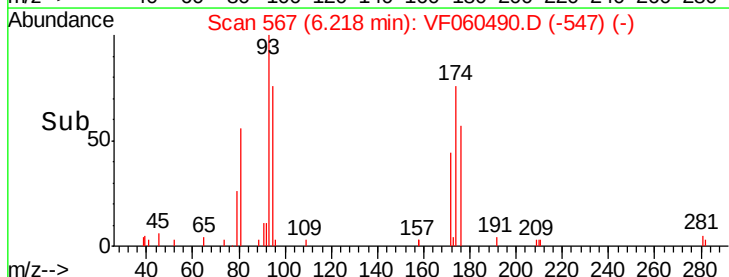
2000

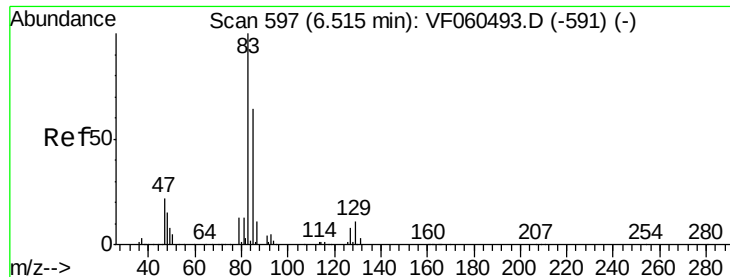
1000

0

6.10 6.20 6.30

Time-->





#47

Bromodichloromethane

Concen: 4.443 ug/l

RT: 6.51 min Scan# 597

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

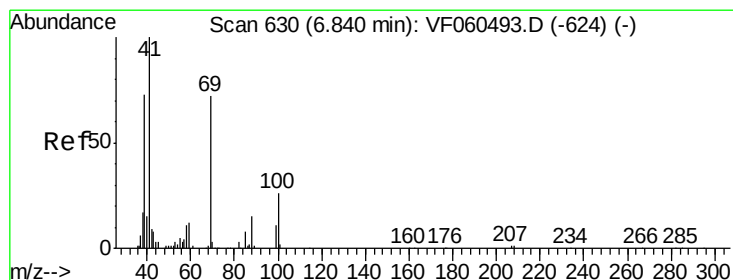
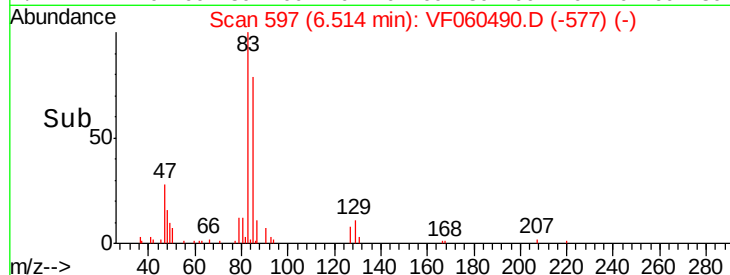
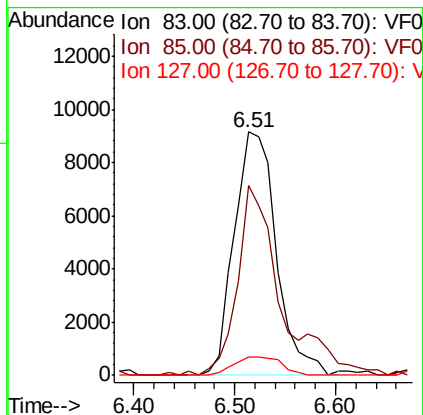
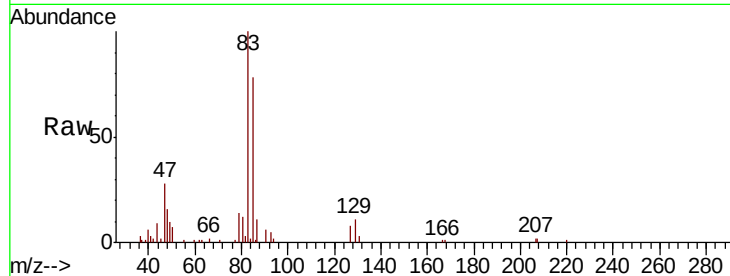
ClientSampleId :

VSTDIC005

Tot Ion	83	Resp	26659
Ion	Ratio	Lower	Upper
83	100		
85	78.2	51.2	76.8#
127	7.7	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 4.140 ug/l

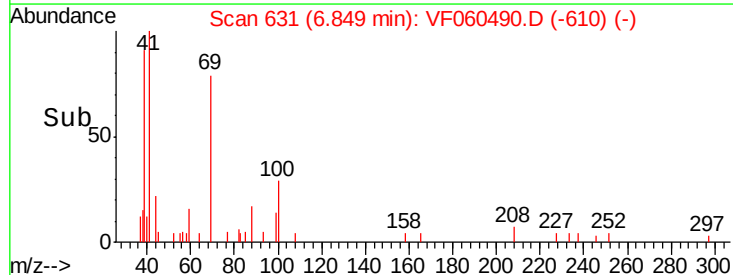
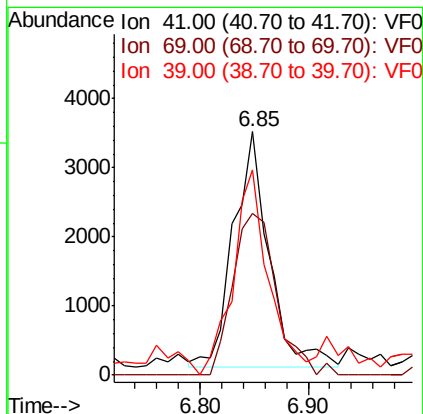
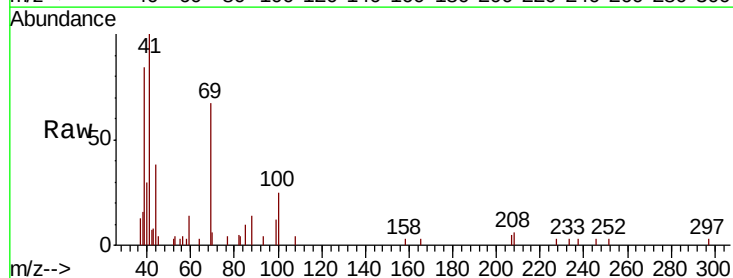
RT: 6.85 min Scan# 631

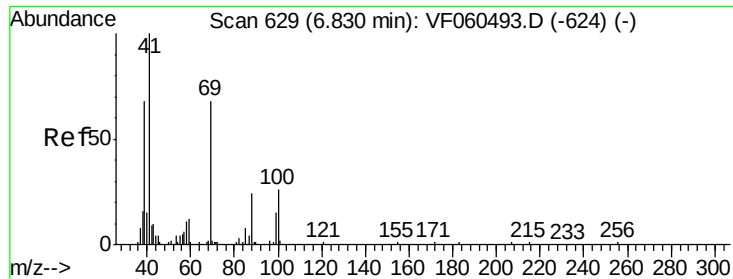
Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Tgt Ion	41	Resp	7770
Ion	Ratio	Lower	Upper
41	100		
69	66.6	57.8	86.8
39	84.4	59.1	88.7





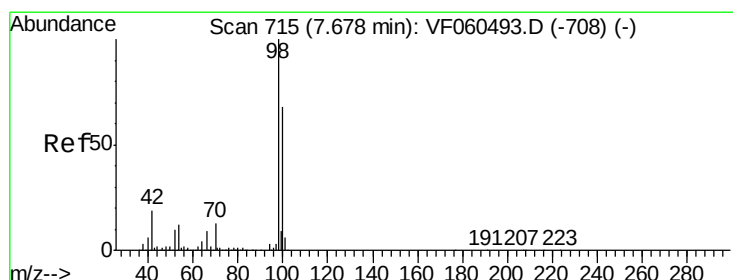
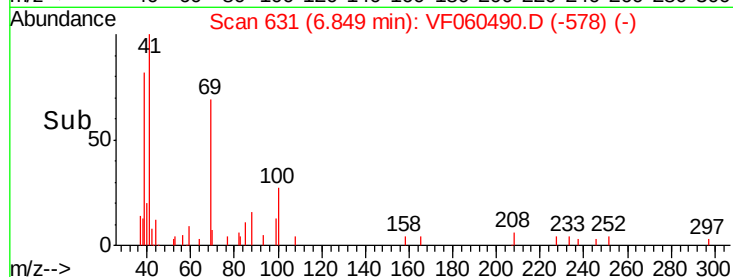
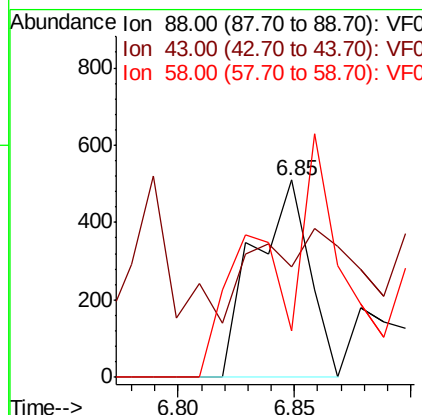
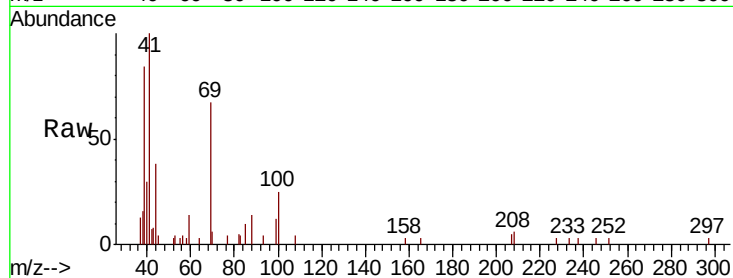
#49
1,4-Dioxane
Concen: 51.092 ug/l m
RT: 6.85 min Scan# 631
Delta R.T. 0.02 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	55.9	40.2	60.2
58	23.5	36.3	54.5

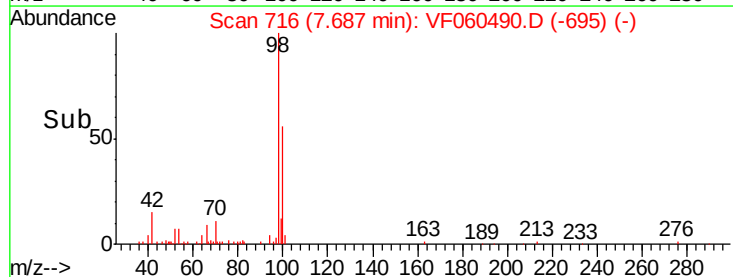
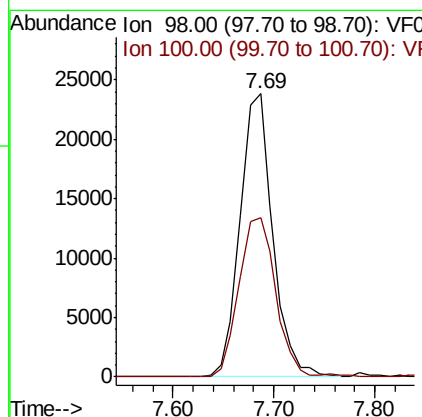
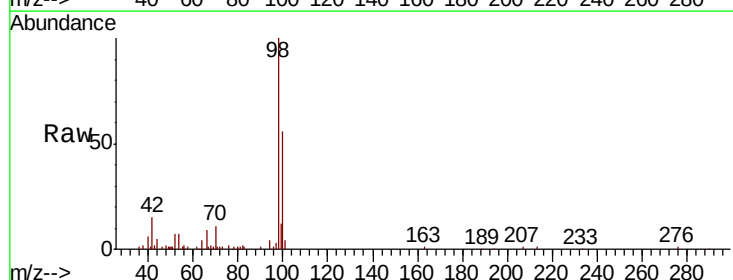
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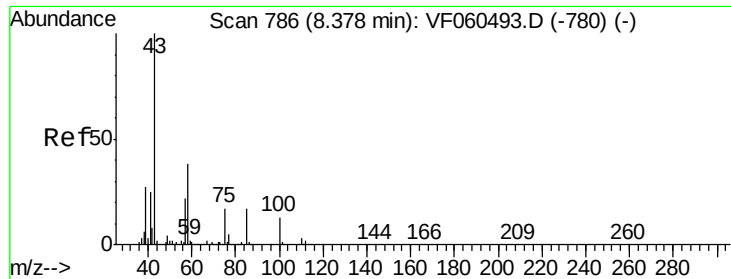
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#50
Toluene-d8
Concen: 5.096 ug/l
RT: 7.69 min Scan# 716
Delta R.T. 0.01 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	56.2	54.4	81.6





#51

4-Methyl-2-Pentanone

Concen: 24.659 ug/l

RT: 8.38 min Scan# 786

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 45955

Ion Ratio Lower Upper

43 100

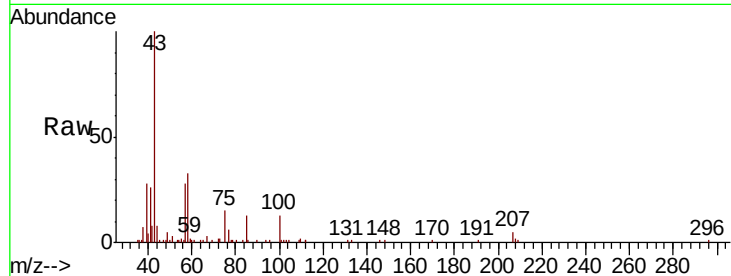
58 33.1 30.4 45.6

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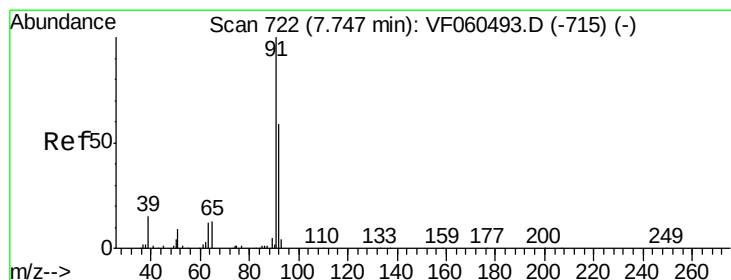
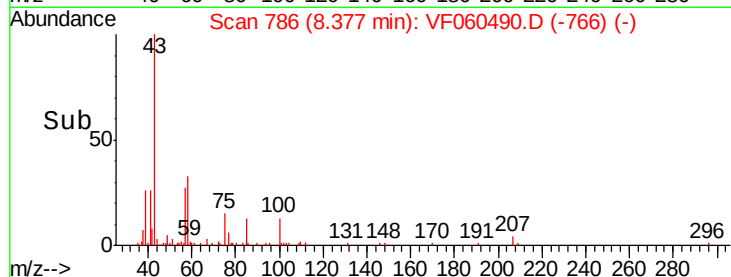
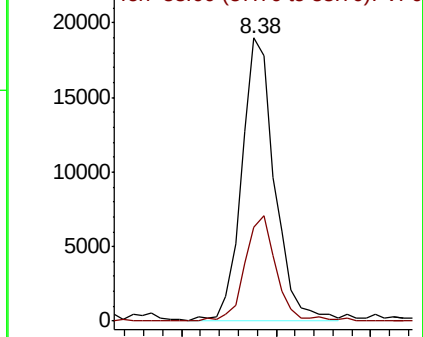
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 5.052 ug/l

RT: 7.76 min Scan# 723

Delta R.T. 0.01 min

Lab File: VF060490.D

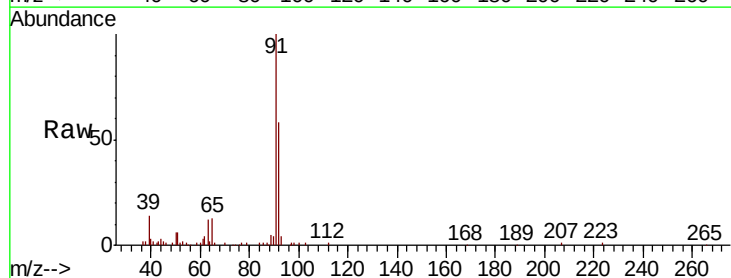
Acq: 9 Oct 2018 14:46

Tgt Ion: 92 Resp: 38659

Ion Ratio Lower Upper

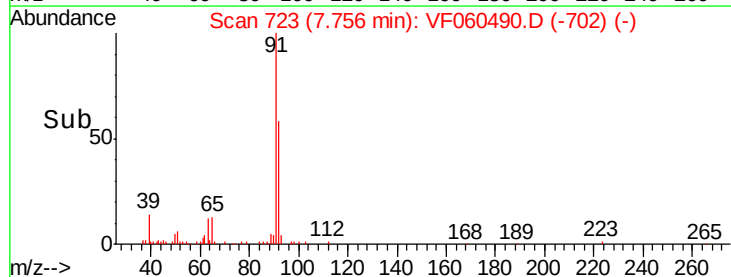
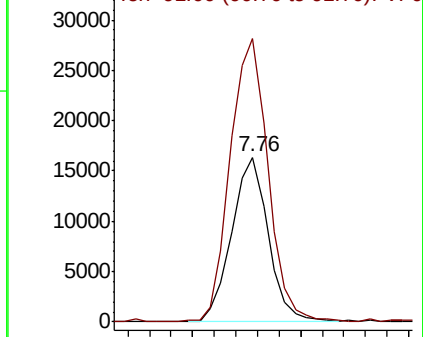
92 100

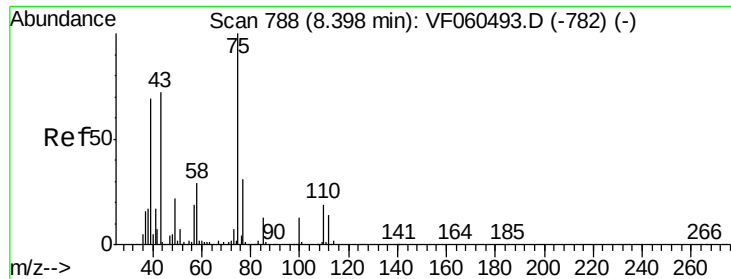
91 172.0 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 4.871 ug/l

RT: 8.40 min Scan# 788

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 22880

Ion Ratio Lower Upper

75 100

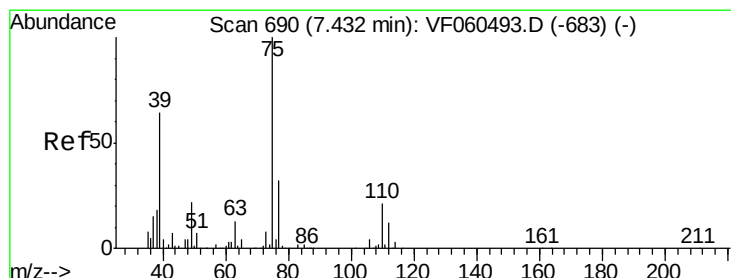
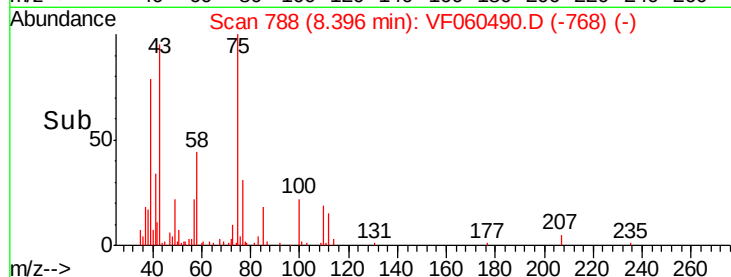
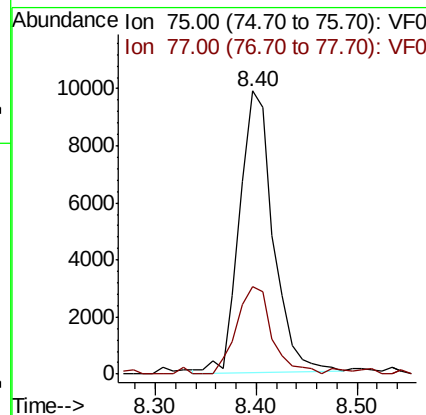
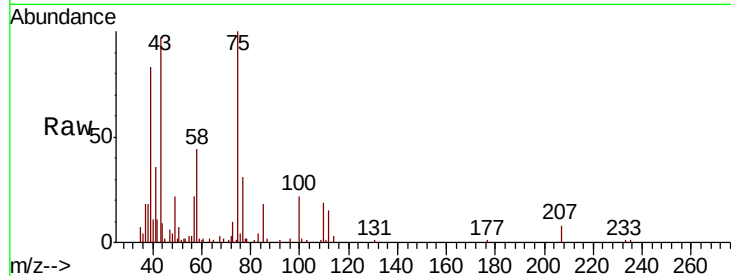
77 30.9 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 4.612 ug/l

RT: 7.43 min Scan# 690

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

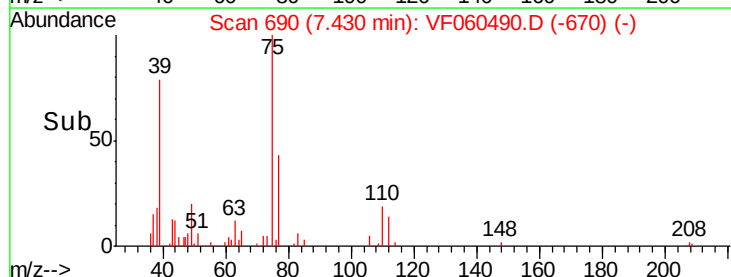
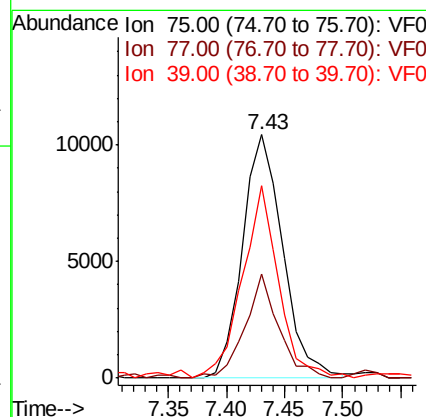
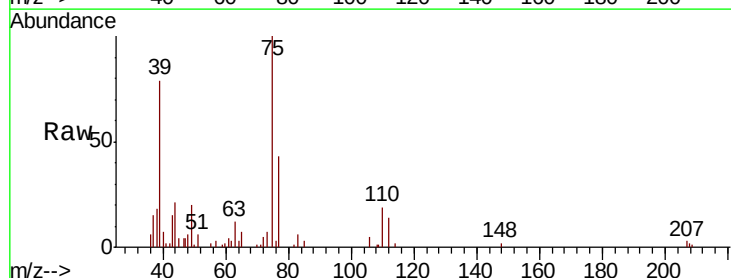
Tgt Ion: 75 Resp: 25080

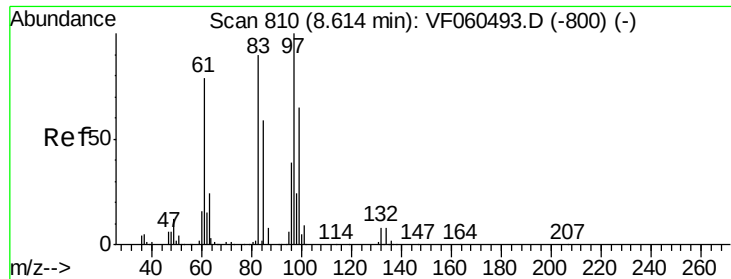
Ion Ratio Lower Upper

75 100

77 42.5 26.0 39.0#

39 79.3 51.2 76.8#





#55

1,1,2-Trichloroethane

Concen: 4.402 ug/l

RT: 8.61 min Scan# 810

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

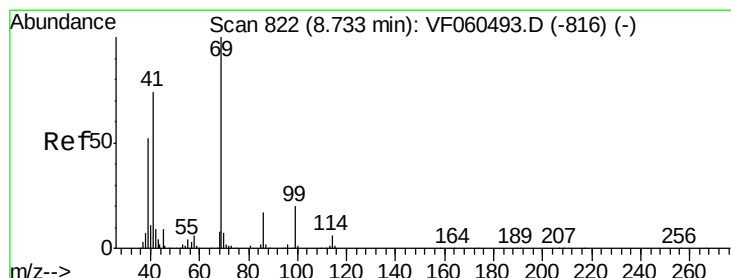
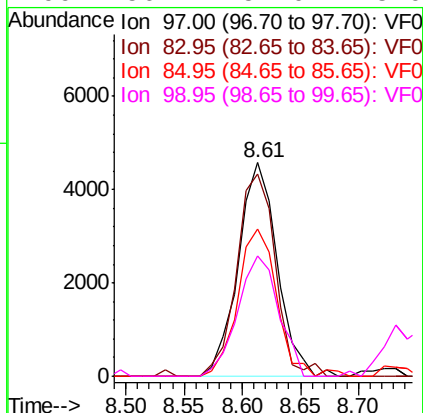
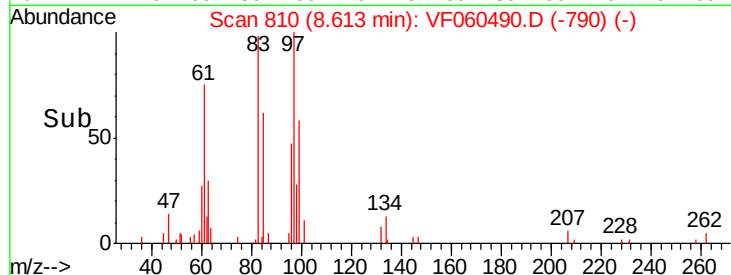
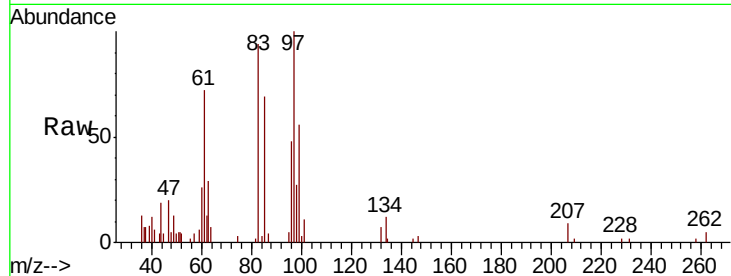
ClientSampleId :

VSTDIC005

Tot Ion:	97	Resp:	10669
Ion	Ratio	Lower	Upper
97	100		
83	94.5	71.9	107.9
85	69.0	47.8	71.8
99	56.1	52.0	78.0

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#56

Ethyl methacrylate

Concen: 4.930 ug/l

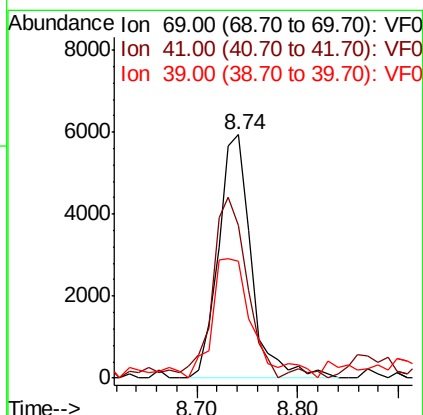
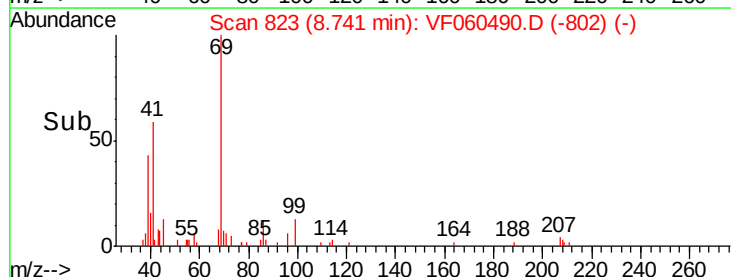
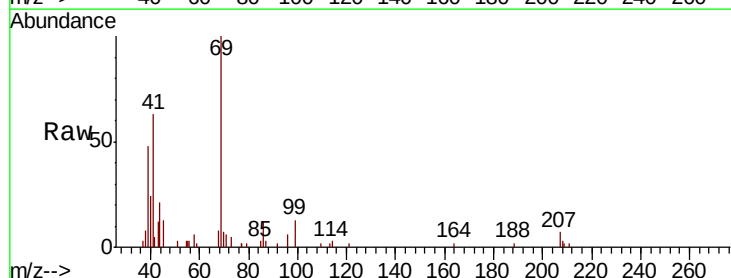
RT: 8.74 min Scan# 823

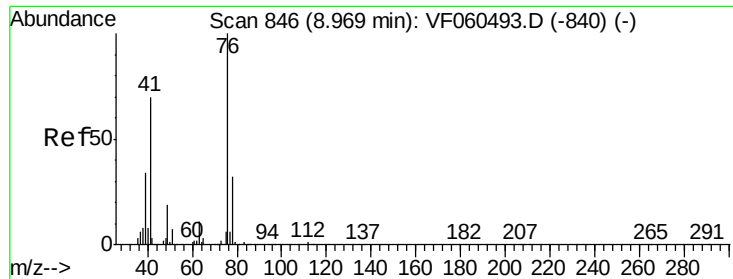
Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Tgt Ion:	69	Resp:	13527
Ion	Ratio	Lower	Upper
69	100		
41	62.7	59.3	88.9
39	48.1	41.8	62.6





#57

1,3-Dichloropropane

Concen: 4.769 ug/l

RT: 8.98 min Scan# 847

Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 19501

Ion Ratio Lower Upper

76 100

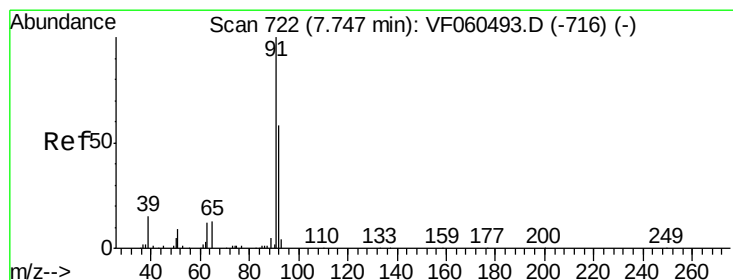
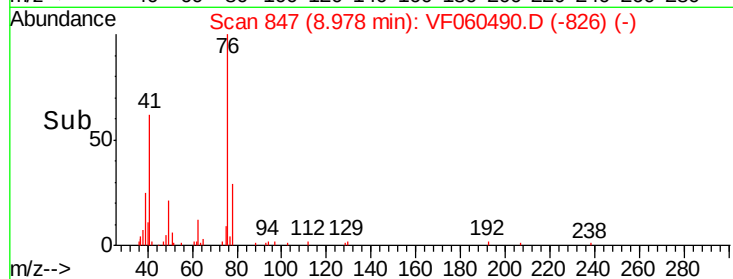
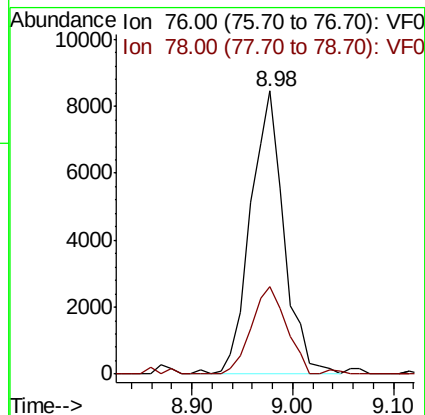
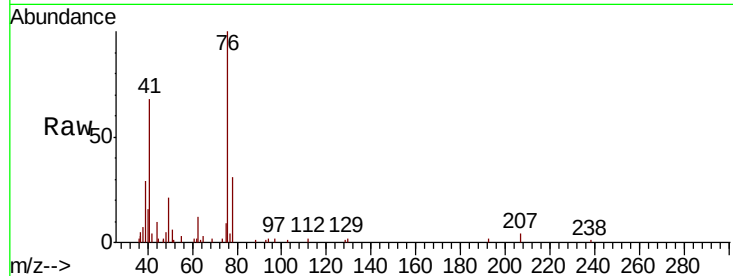
78 30.8 25.3 37.9

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#58

2-Chloroethyl Vinyl ether

Concen: 25.788 ug/l

RT: 7.76 min Scan# 723

Delta R.T. 0.01 min

Lab File: VF060490.D

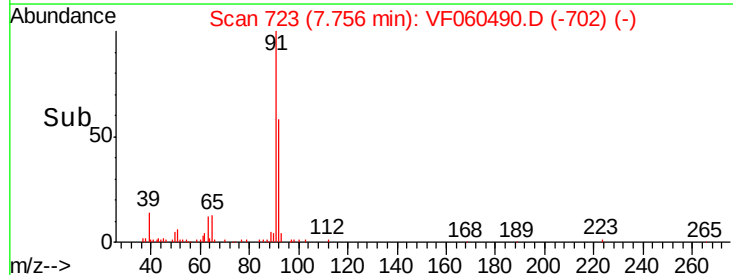
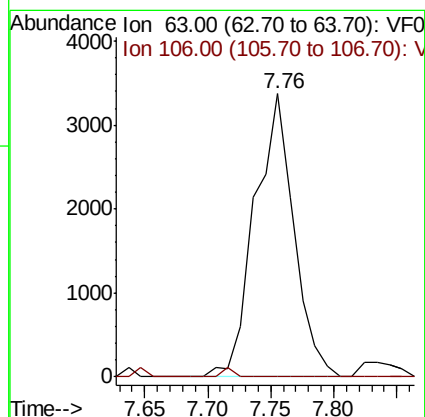
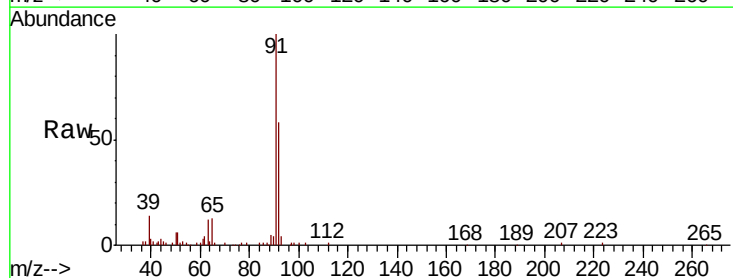
Acq: 9 Oct 2018 14:46

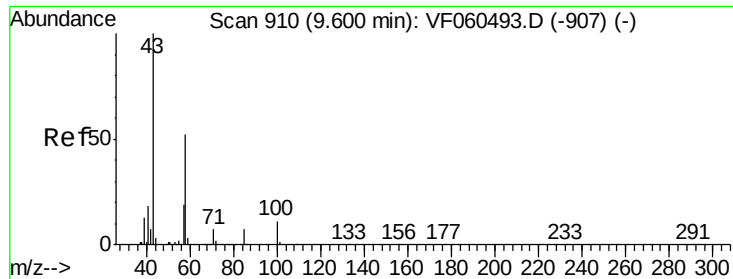
Tgt Ion: 63 Resp: 7277

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





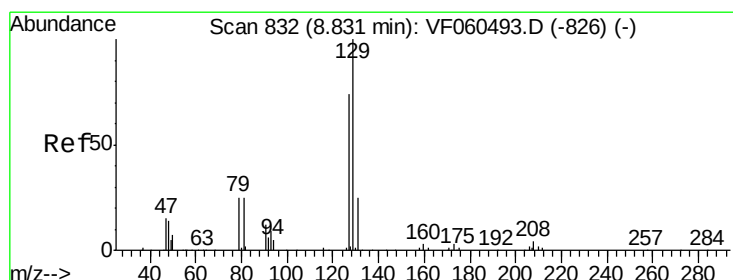
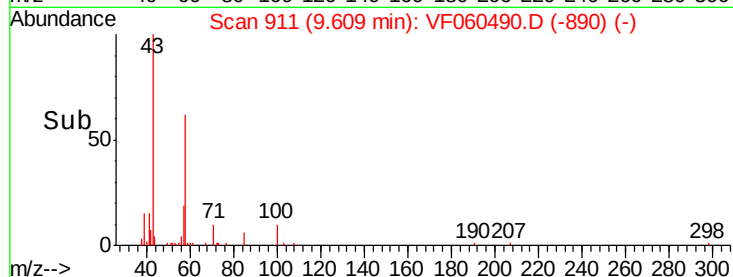
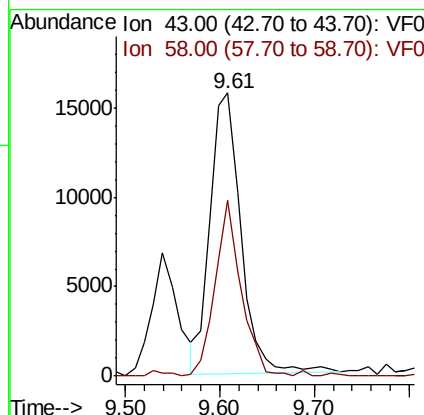
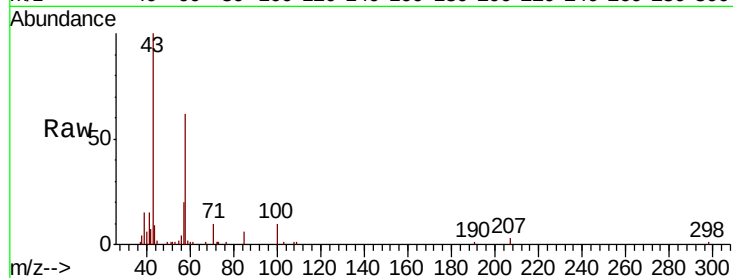
#59
2-Hexanone
Concen: 26.239 ug/l
RT: 9.61 min Scan# 911
Delta R.T. 0.01 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.1	24.2	72.6

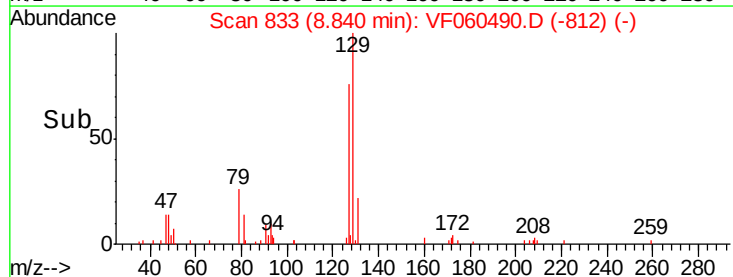
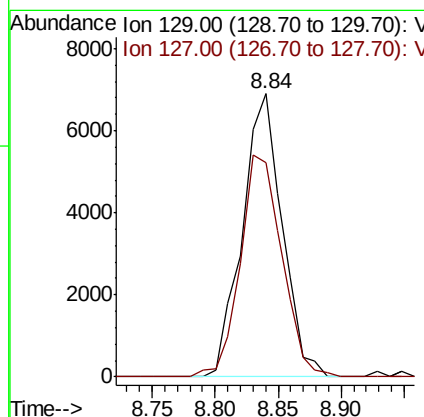
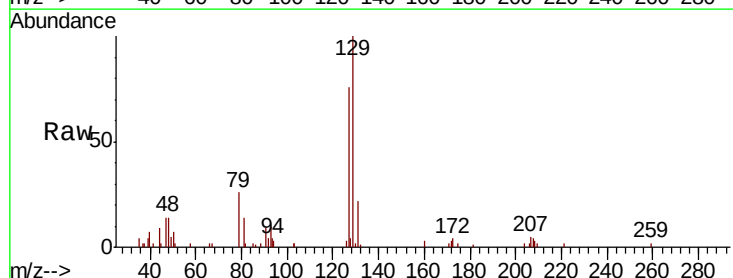
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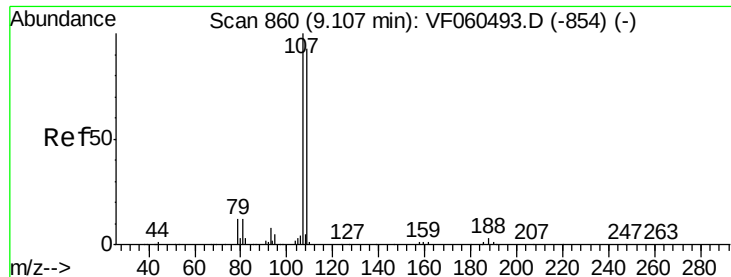
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#60
Dibromochloromethane
Concen: 4.161 ug/l
RT: 8.84 min Scan# 833
Delta R.T. 0.01 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.4	37.0	110.9





#61

1,2-Dibromoethane

Concen: 4.579 ug/l

RT: 9.12 min Scan# 861

Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 12142

Ion Ratio Lower Upper

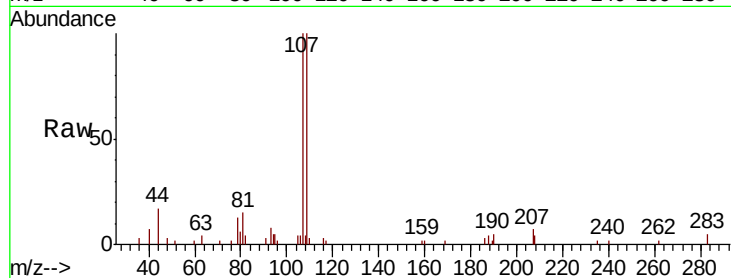
107 100

109 99.9 74.6 112.0

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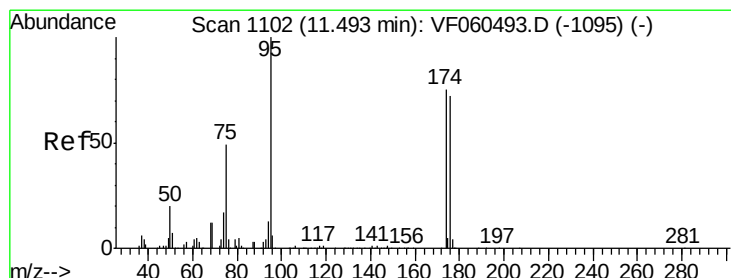
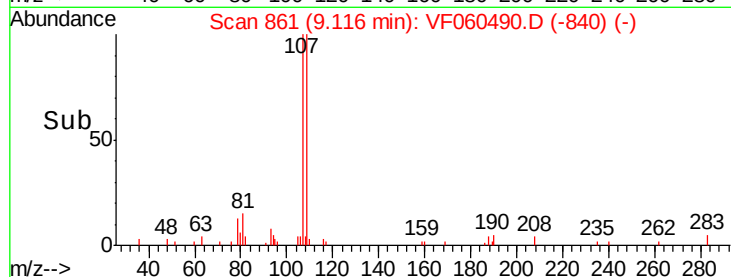
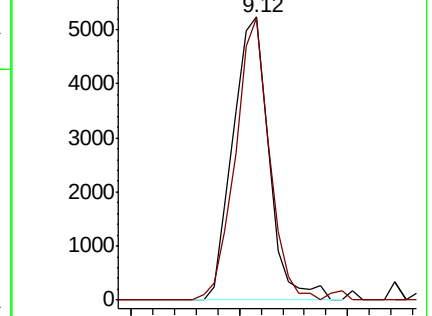
apatel

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 4.936 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

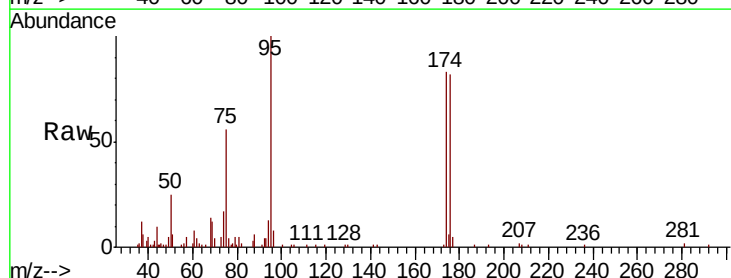
Tgt Ion: 95 Resp: 23879

Ion Ratio Lower Upper

95 100

174 83.3 0.0 150.4

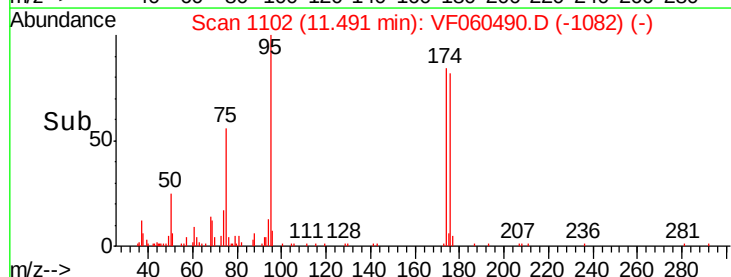
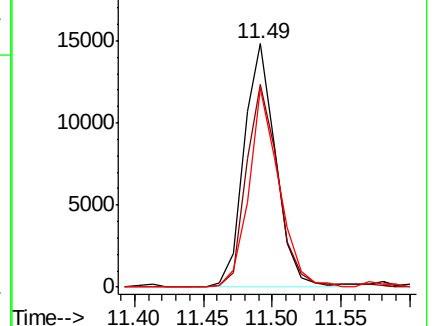
176 81.9 0.0 144.6

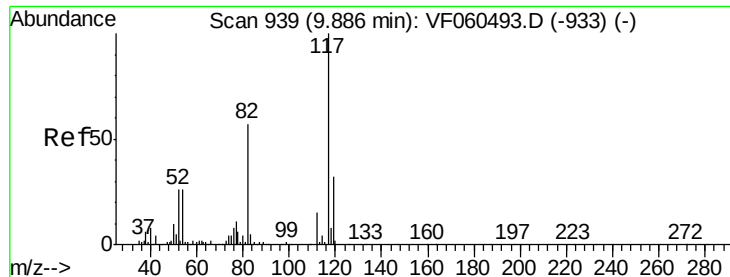


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





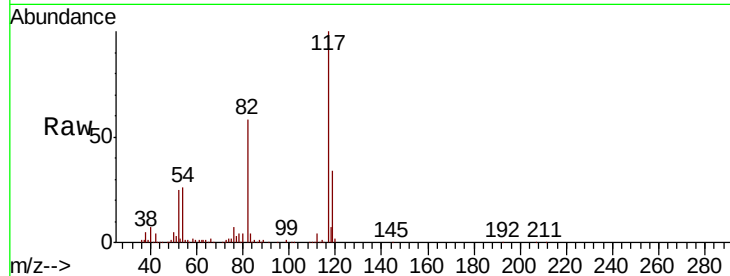
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 940
Delta R.T. 0.01 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	45.6	68.4
119	33.9	25.3	37.9

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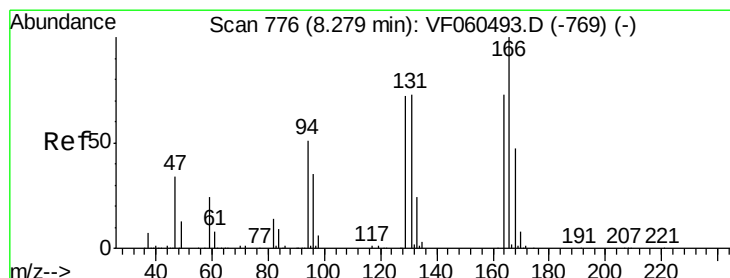
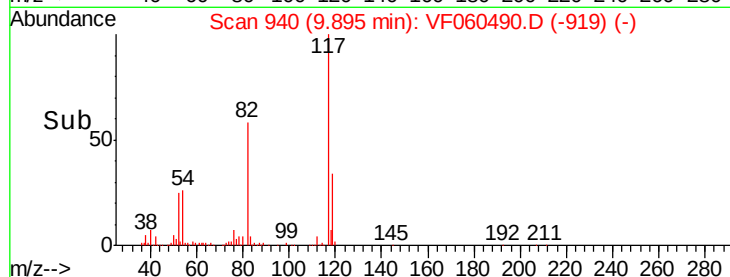
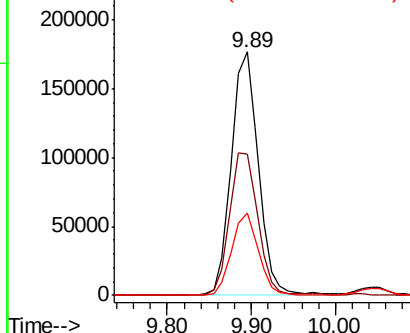


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#64
Tetrachloroethene
Concen: 5.483 ug/l
RT: 8.28 min Scan# 776
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.0	109.4	164.0
129	101.2	78.9	118.3
131	99.0	79.5	119.3

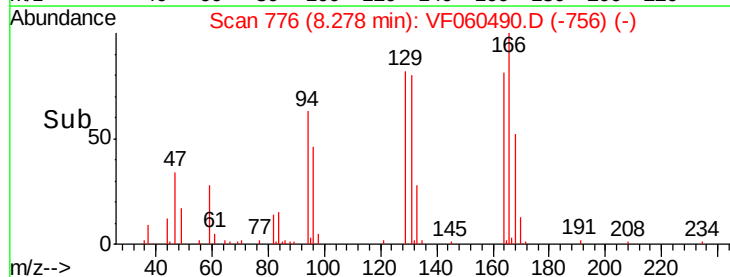
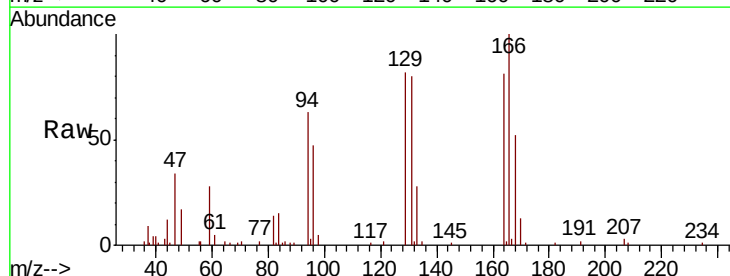
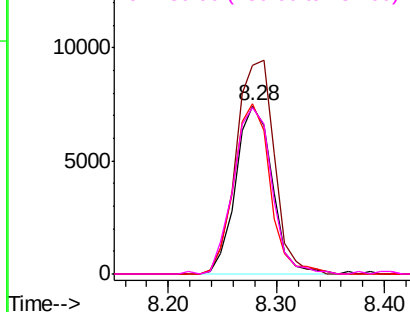
Abundance

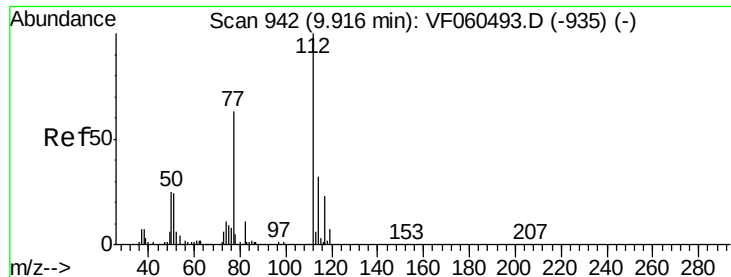
Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





#65

Chlorobenzene

Concen: 5.088 ug/l

RT: 9.91 min Scan# 942

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 41511

Ion Ratio Lower Upper

112 100

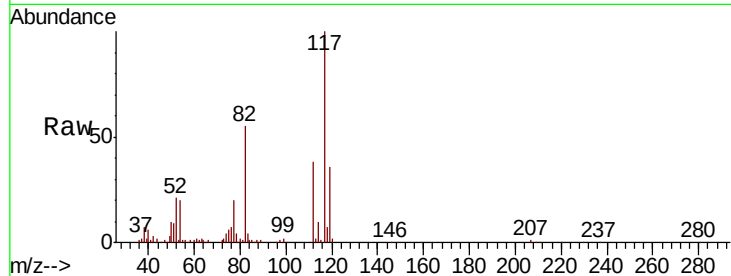
114 26.8 25.9 38.9

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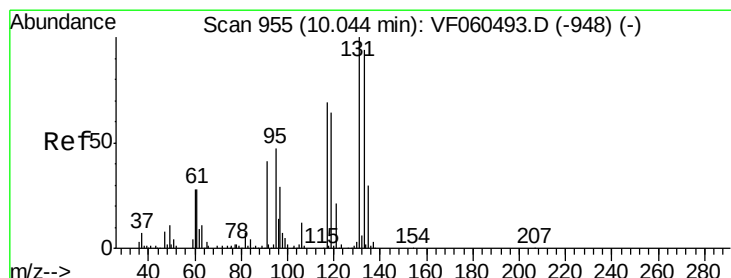
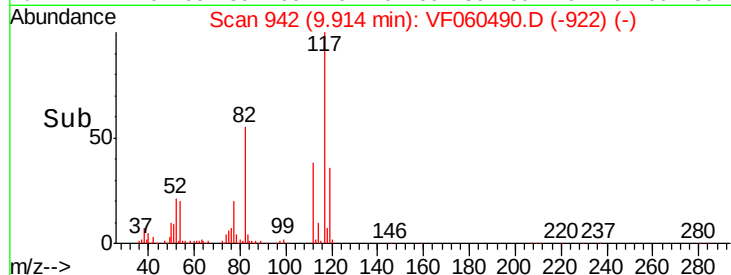
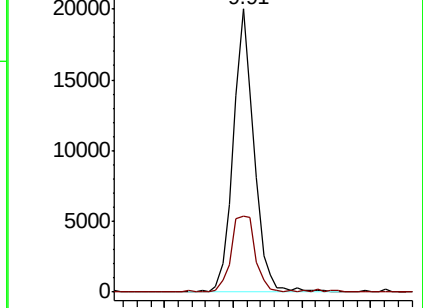
apatel

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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.374 ug/l

RT: 10.04 min Scan# 955

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

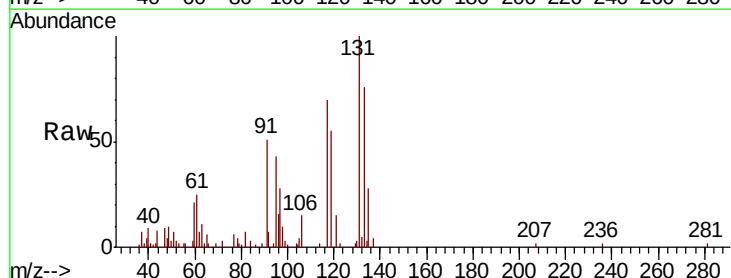
Tgt Ion:131 Resp: 19194

Ion Ratio Lower Upper

131 100

133 75.7 47.1 141.4

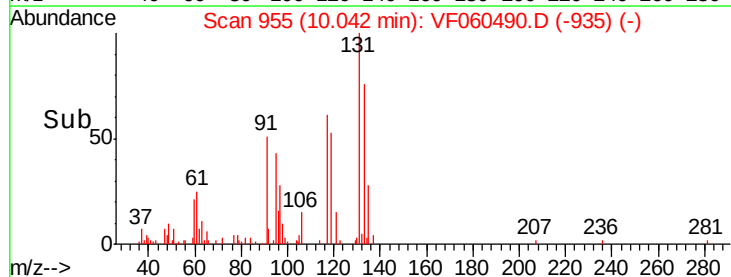
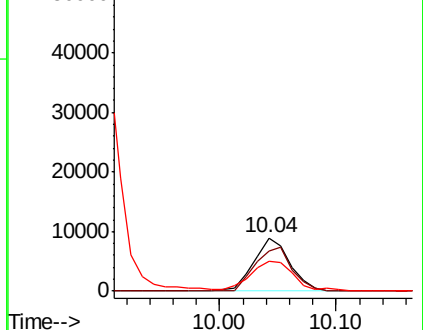
119 54.8 32.0 96.2

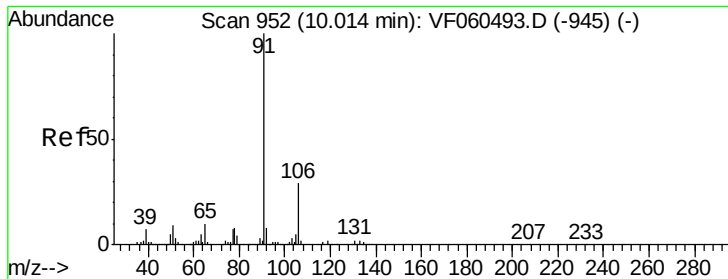


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#67

Ethyl Benzene

Concen: 4.927 ug/l

RT: 10.01 min Scan# 952

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 76621

Ion Ratio Lower Upper

91 100

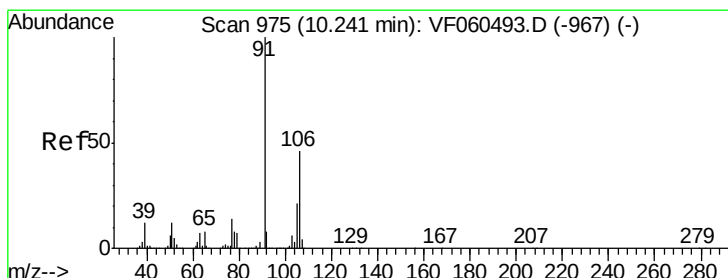
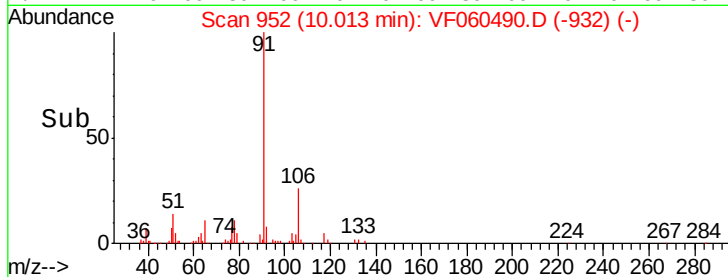
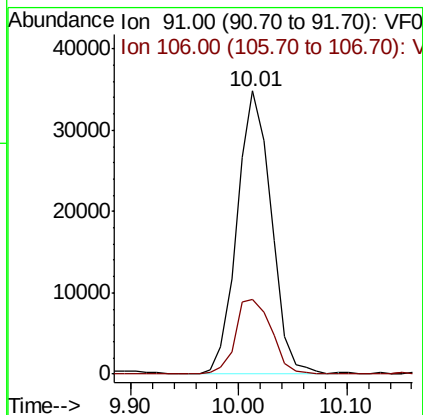
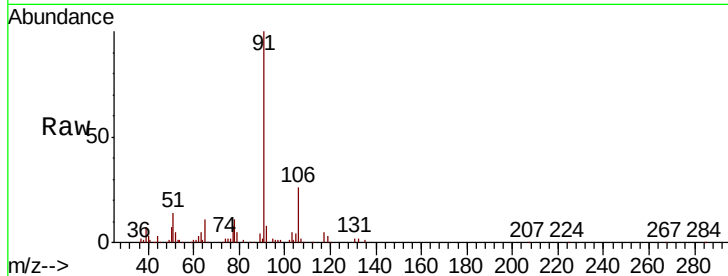
106 26.2 23.3 34.9

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#68

m/p-Xylenes

Concen: 11.018 ug/l

RT: 10.24 min Scan# 975

Delta R.T. -0.00 min

Lab File: VF060490.D

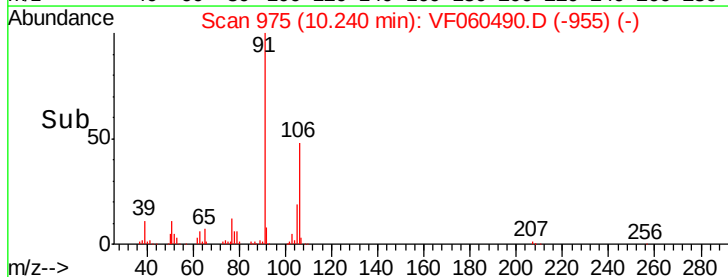
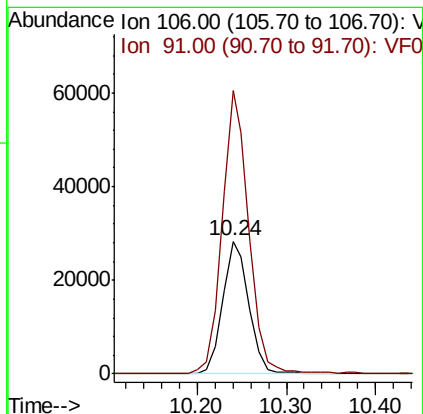
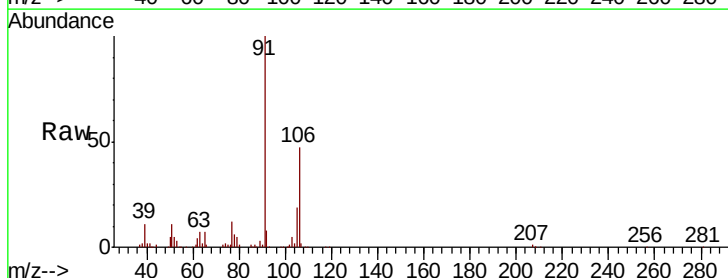
Acq: 9 Oct 2018 14:46

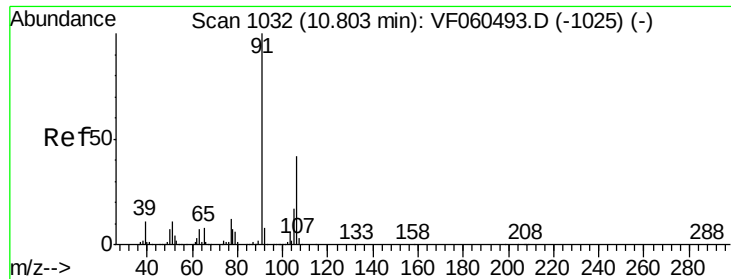
Tgt Ion: 106 Resp: 58609

Ion Ratio Lower Upper

106 100

91 213.5 174.6 262.0





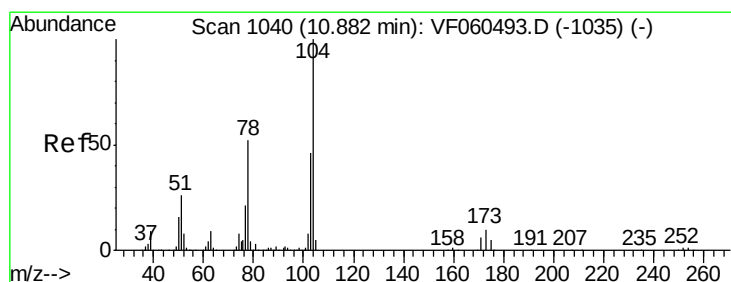
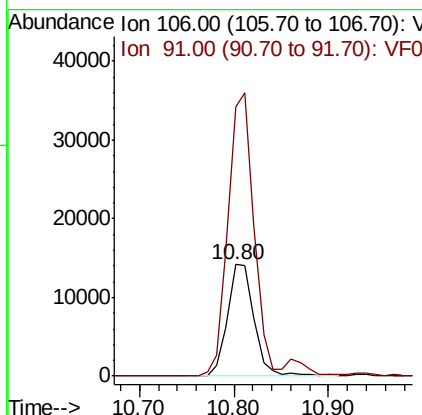
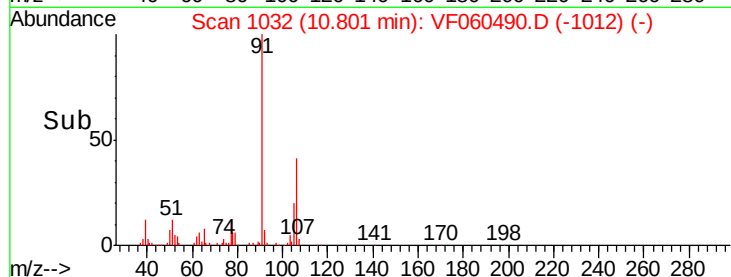
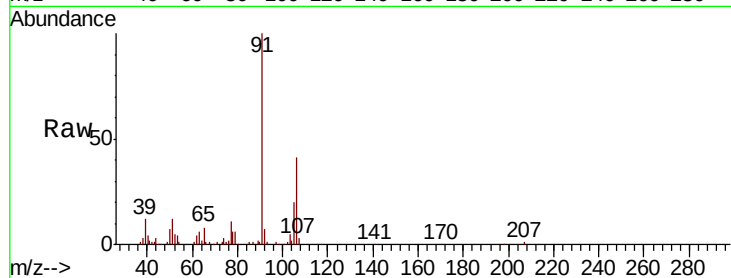
#69
o-Xylene
Concen: 4.773 ug/l
RT: 10.80 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	242.0	118.8	356.3

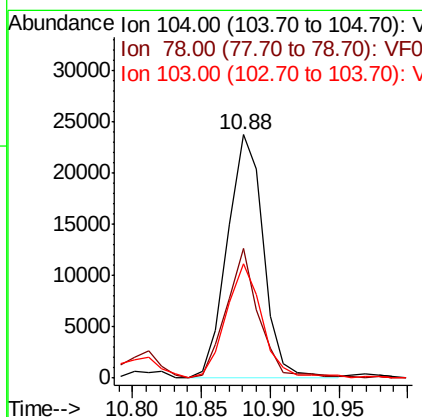
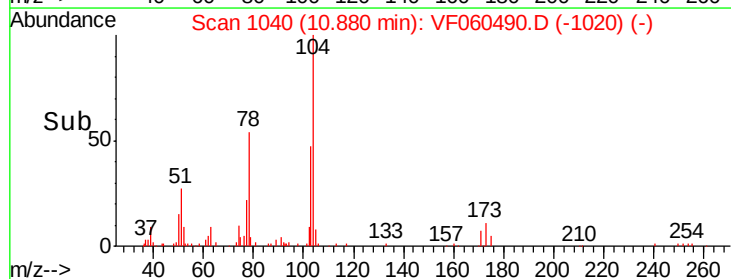
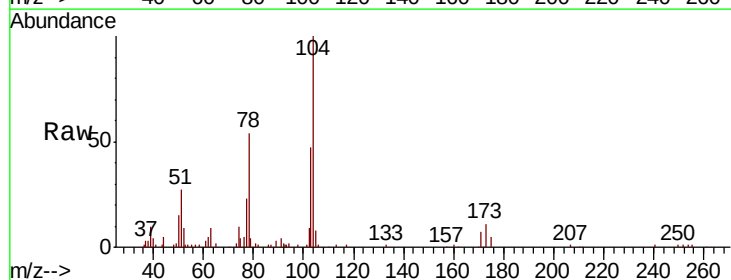
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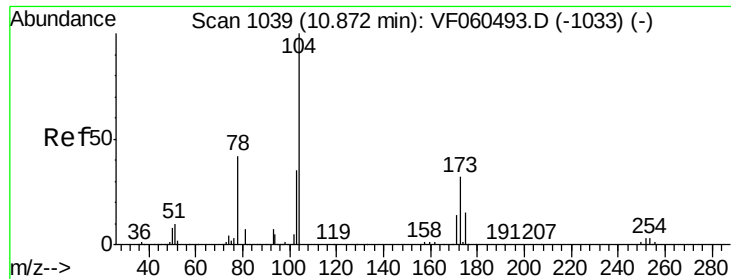
apatel
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#70
Styrene
Concen: 5.258 ug/l
RT: 10.88 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.5	42.7	64.1
103	47.1	37.6	56.4





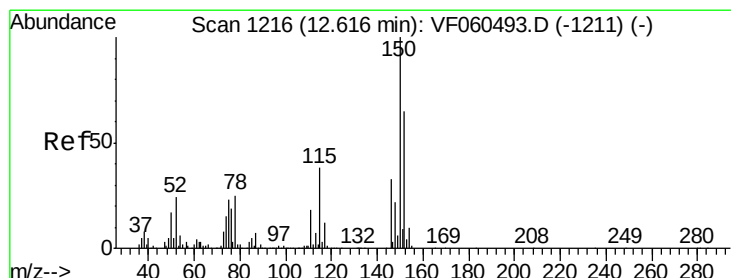
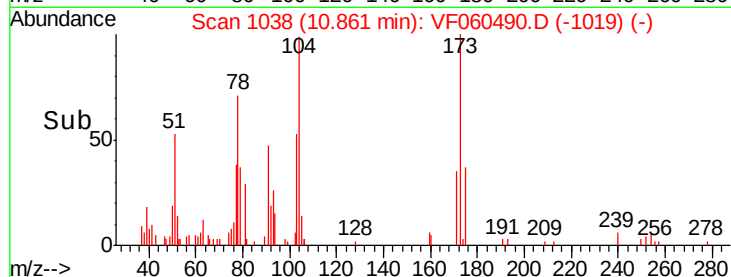
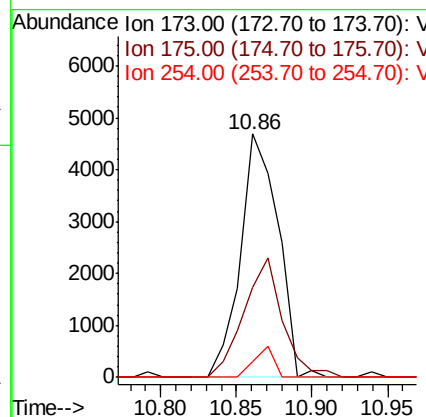
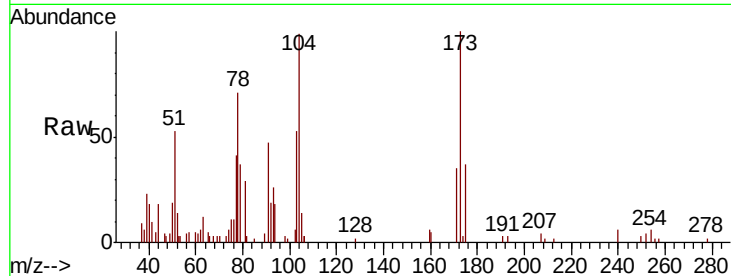
#71
Bromoform
Concen: 4.263 ug/l
RT: 10.86 min Scan# 1038
Delta R.T. -0.01 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	37.1	23.2	69.6
254	6.2	0.2	0.2#

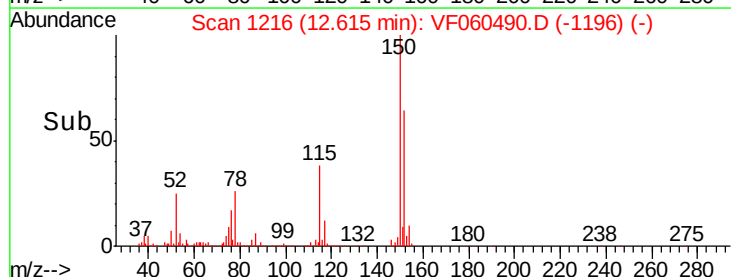
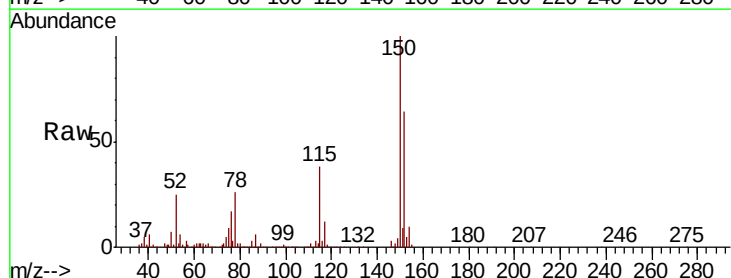
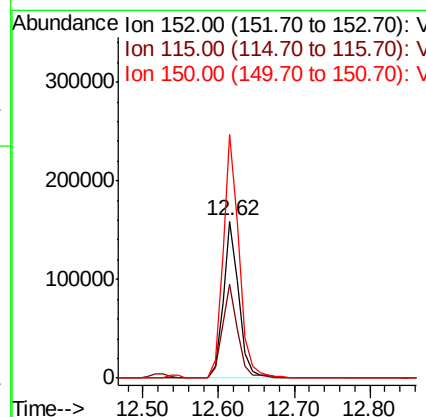
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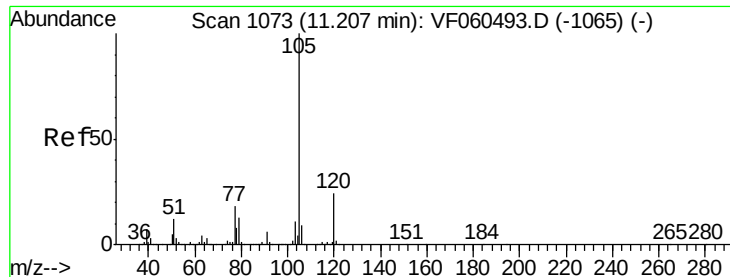
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.5	88.5
150	155.1	0.0	310.0





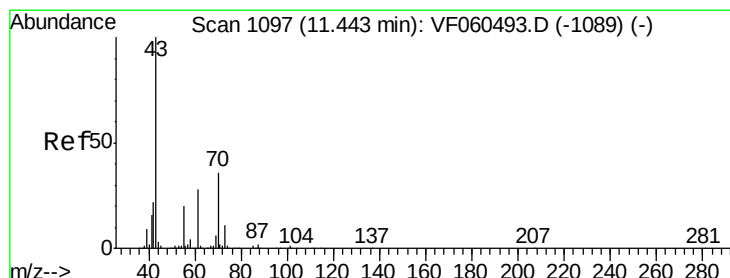
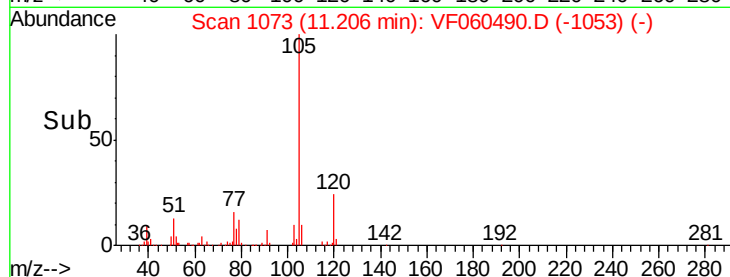
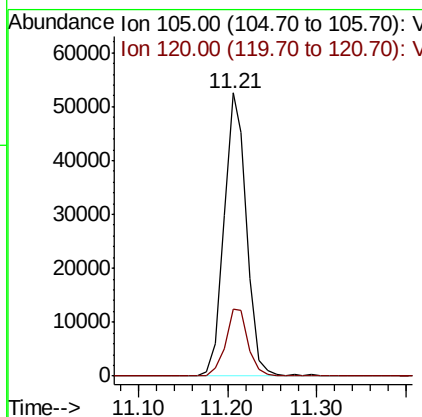
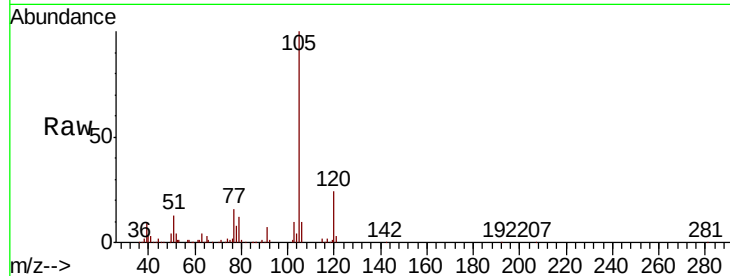
#73
Isopropylbenzene
Concen: 5.083 ug/l
RT: 11.21 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	23.8	11.9	35.9

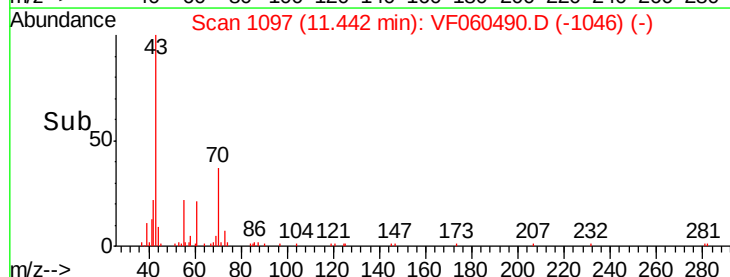
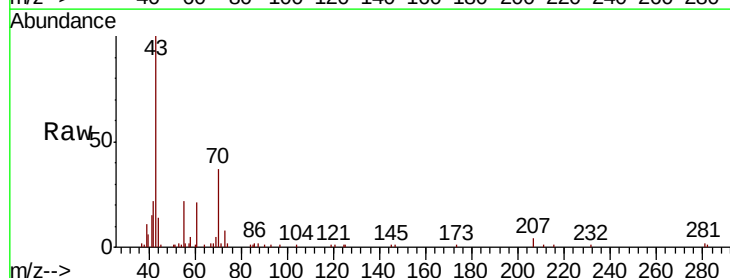
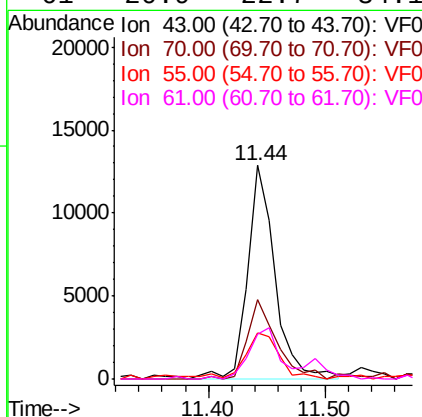
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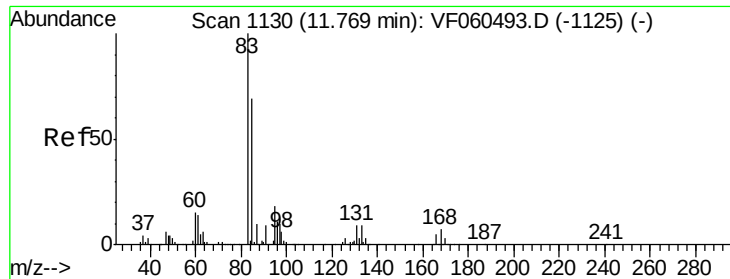
apatel
10/10/2018 12:33:39 PM



#74
N-ethyl acetate
Concen: 5.058 ug/l
RT: 11.44 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.2	28.7	43.1
55	21.6	16.1	24.1
61	20.9	22.7	34.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 4.454 ug/l

RT: 11.77 min Scan# 1130

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

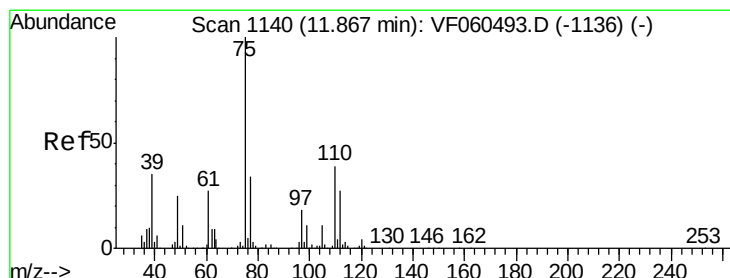
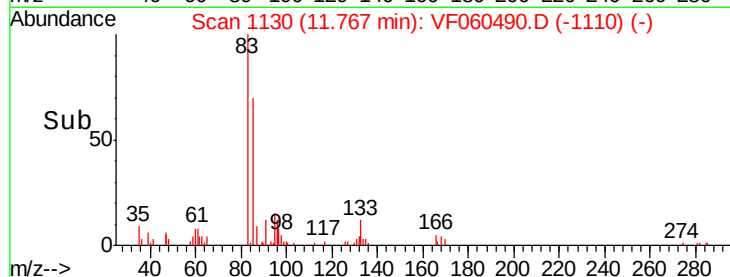
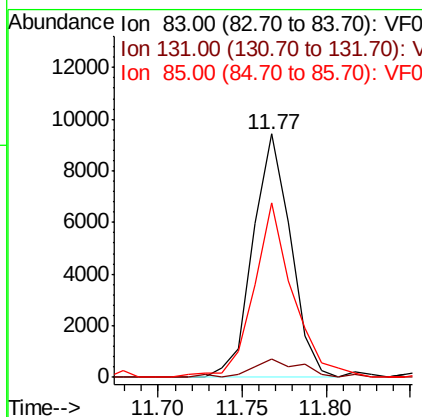
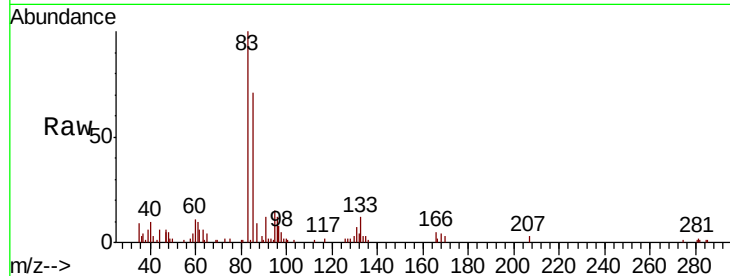
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	14637
Ion Ratio	Lower	Upper	
83	100		
131	7.3	4.5	13.4
85	71.4	34.8	104.4

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#76

1,2,3-Trichloropropane

Concen: 4.742 ug/l

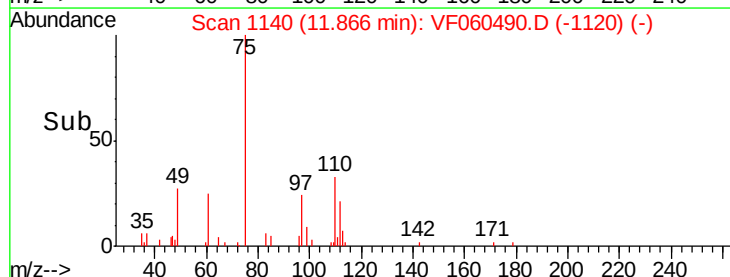
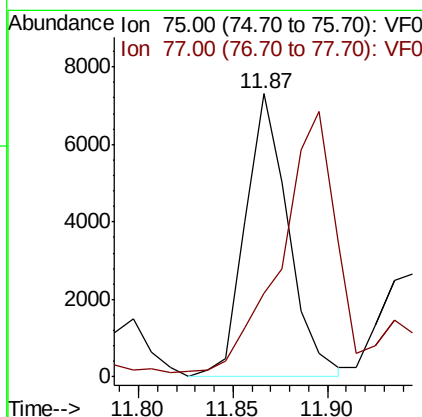
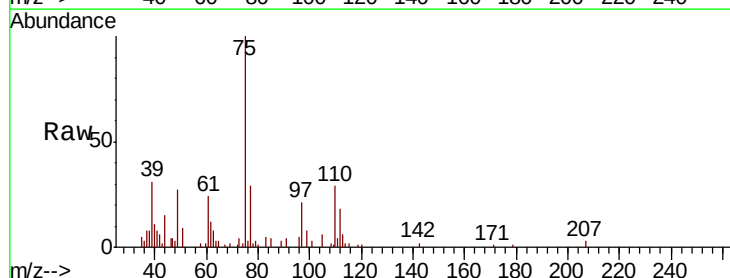
RT: 11.87 min Scan# 1140

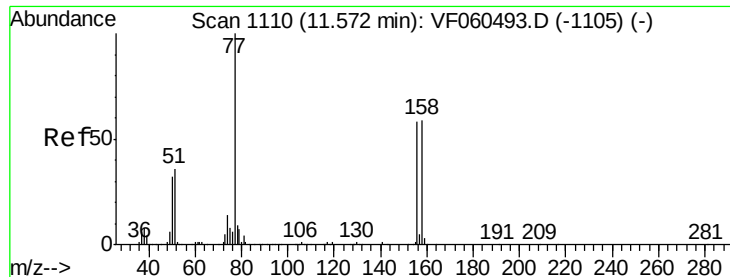
Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Tgt Ion:	75	Resp:	11581
Ion Ratio	Lower	Upper	
75	100		
77	29.4	17.4	52.2





#77

Bromobenzene

Concen: 5.062 ug/l

RT: 11.57 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 20719

Ion Ratio Lower Upper

156 100

77 162.5 86.3 258.8

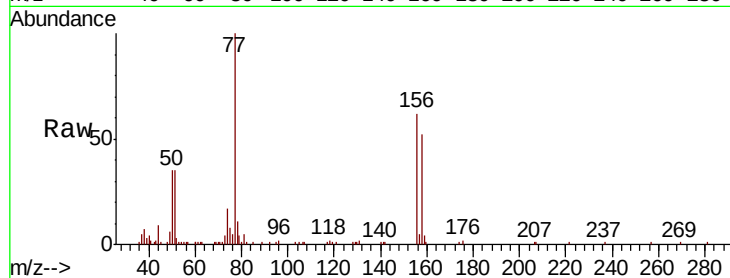
158 84.5 51.1 153.3

Manual Integrations

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10/10/2018 12:33:39 PM

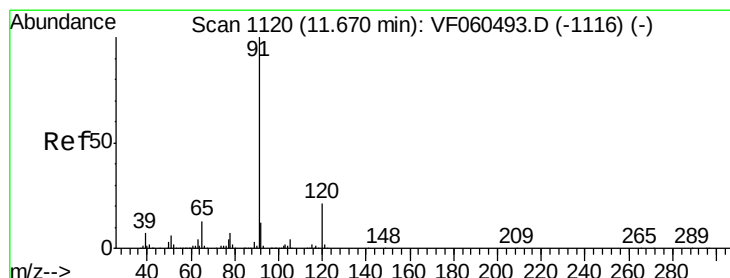
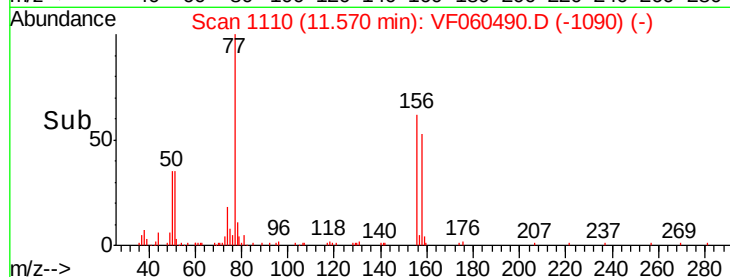
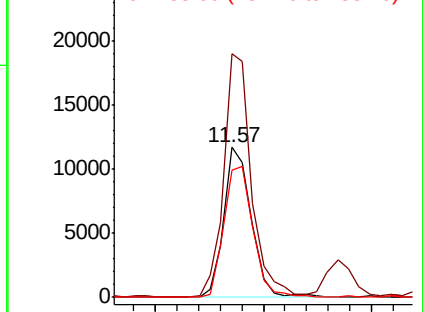


Abundance

Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 5.464 ug/l

RT: 11.67 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VF060490.D

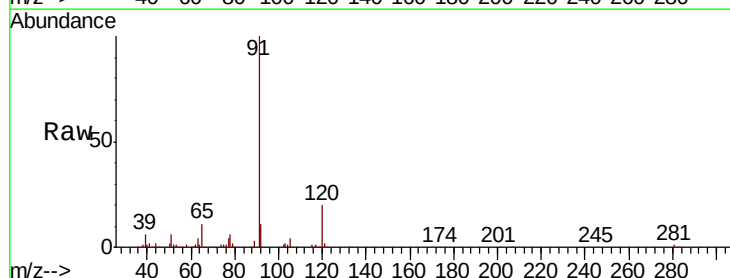
Acq: 9 Oct 2018 14:46

Tgt Ion: 91 Resp: 120336

Ion Ratio Lower Upper

91 100

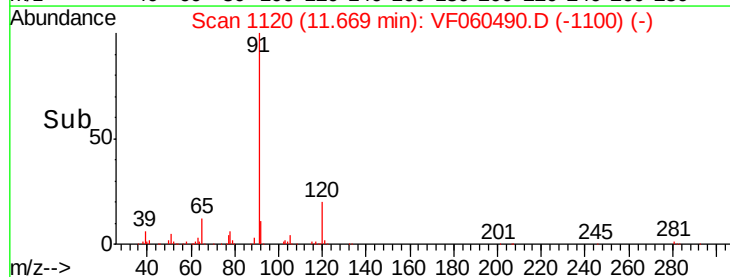
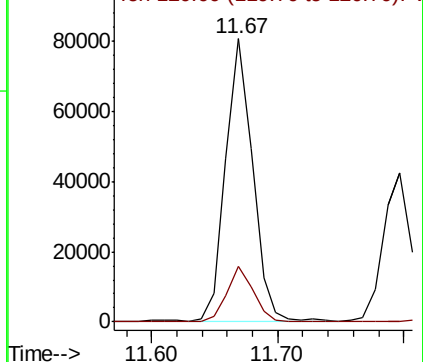
120 19.6 10.5 31.6

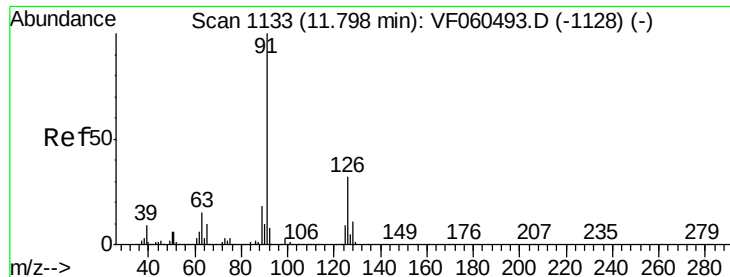


Abundance

Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





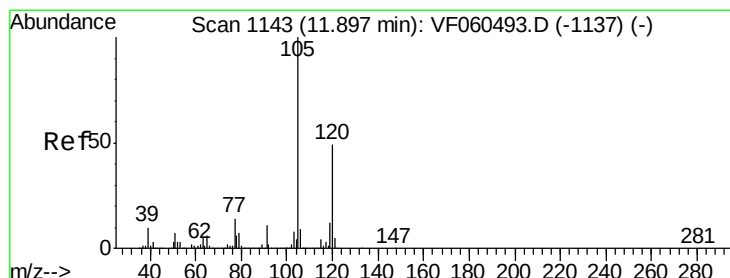
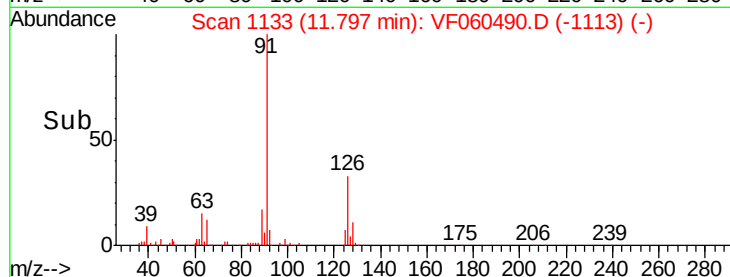
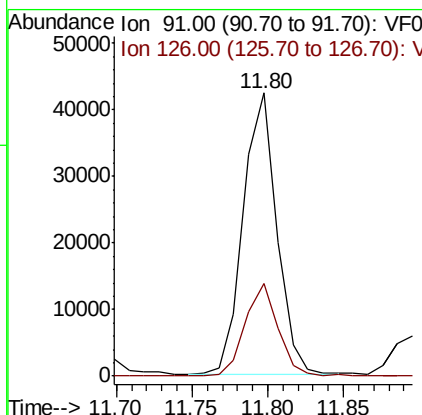
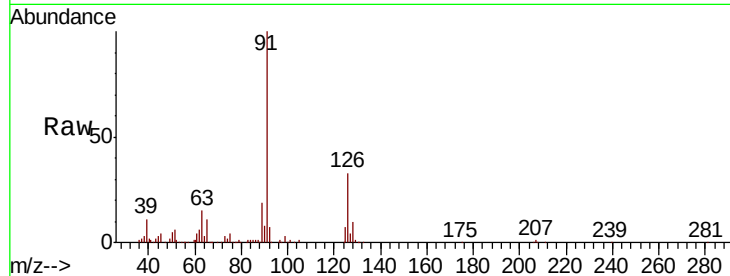
#79
2-Chlorotoluene
Concen: 5.066 ug/l
RT: 11.80 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.3

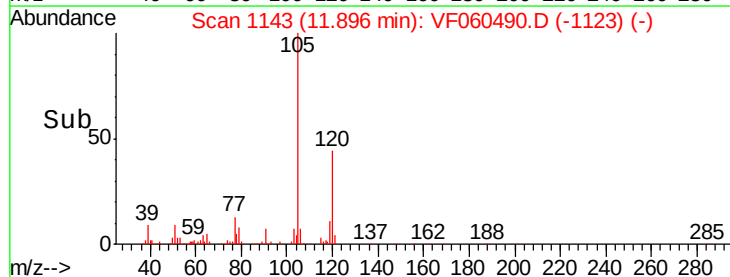
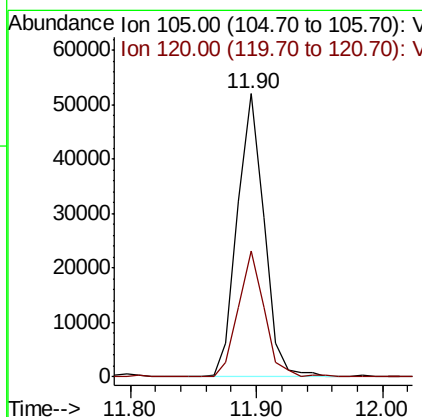
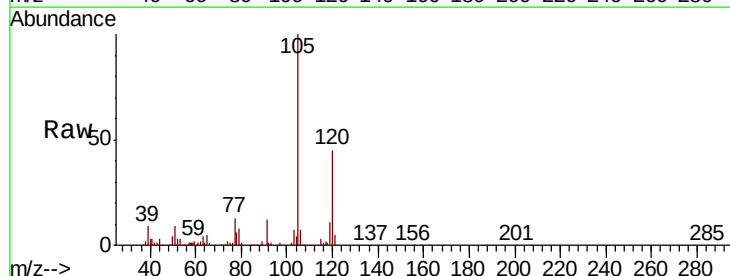
Manual Integrations
APPROVED

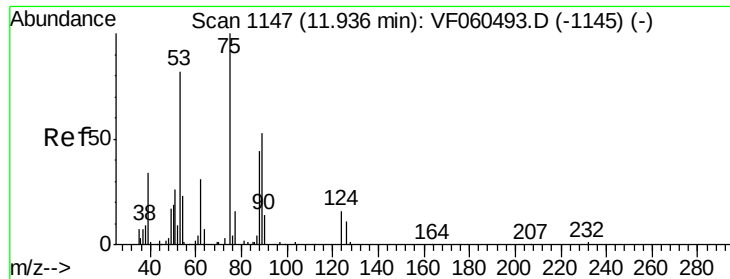
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 4.962 ug/l
RT: 11.90 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	24.4	73.2





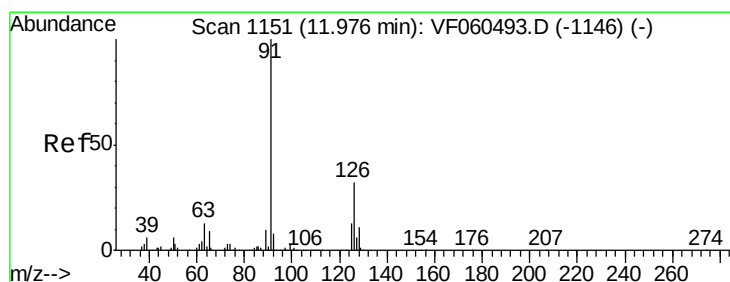
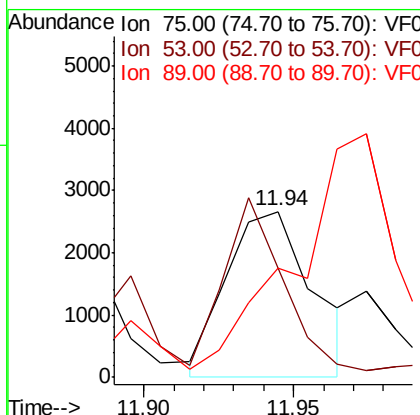
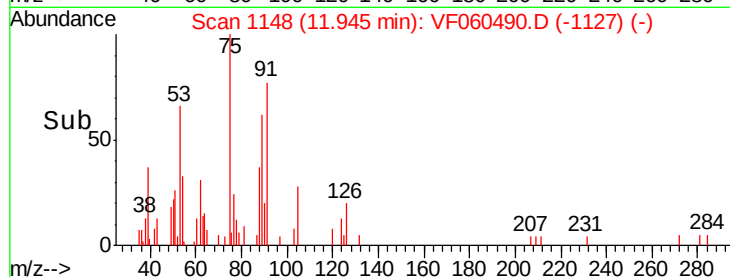
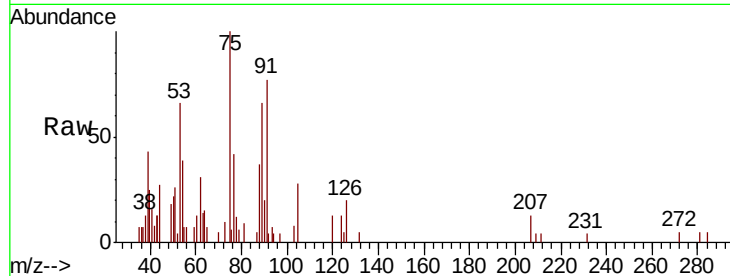
#81
trans-1,4-Dichloro-2-butene
Concen: 5.005 ug/l
RT: 11.94 min Scan# 1148
Delta R.T. 0.01 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	66.2	71.0	106.6#
89	66.0	43.1	64.7#

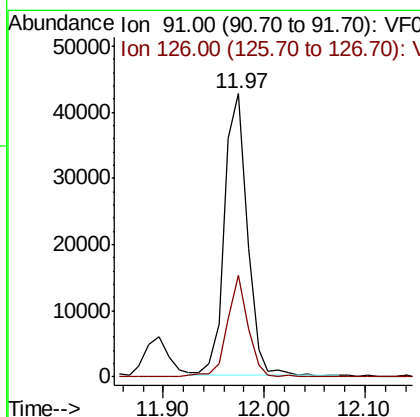
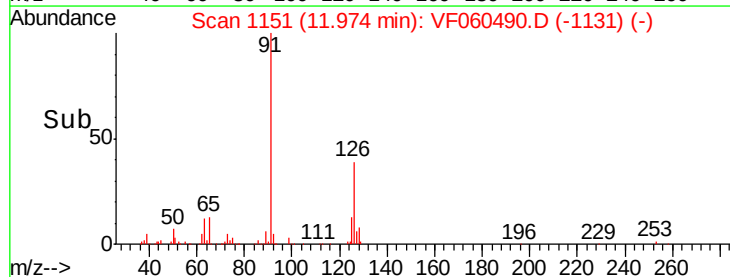
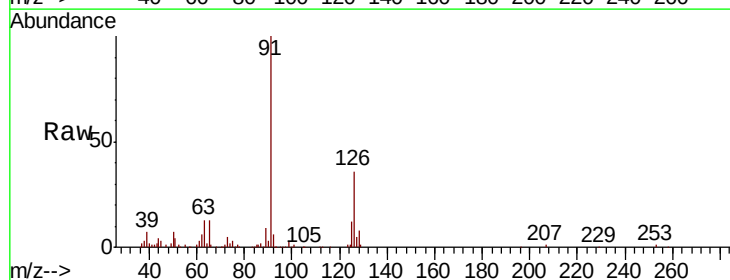
Manual Integrations
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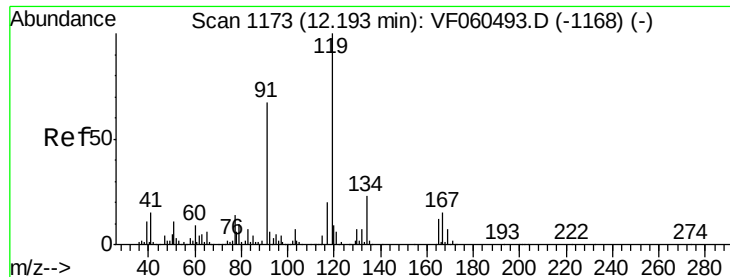
apatel
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#82
4-Chlorotoluene
Concen: 5.068 ug/l
RT: 11.97 min Scan# 1151
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	16.0	47.9





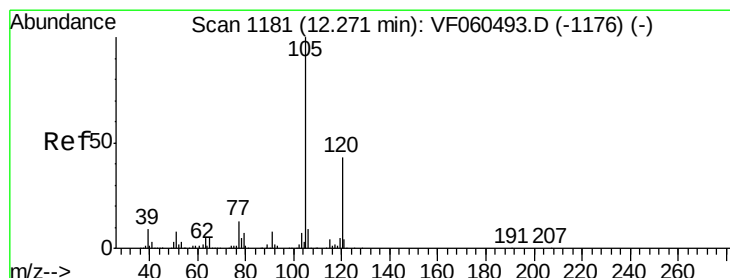
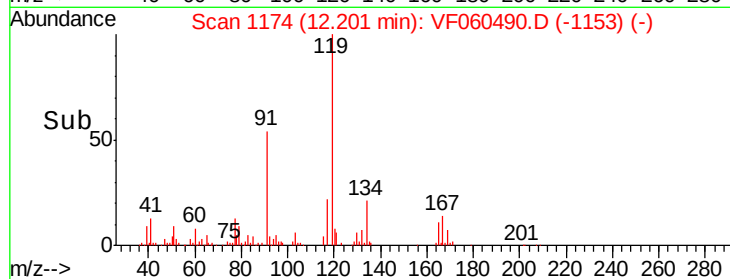
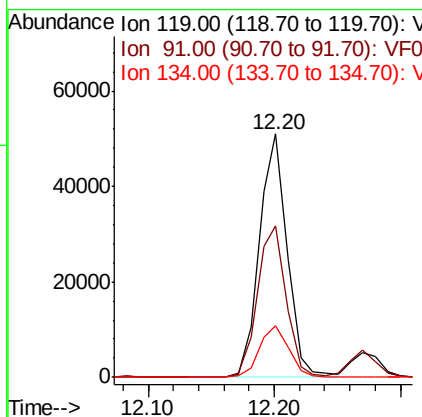
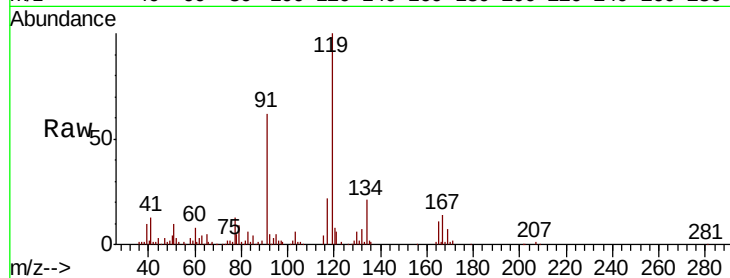
#83
 tert-Butylbenzene
 Concen: 5.139 ug/l
 RT: 12.20 min Scan# 1174
 Delta R.T. 0.01 min
 Lab File: VF060490.D
 Acq: 9 Oct 2018 14:46

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.1	33.6	100.8
134	21.3	11.5	34.5

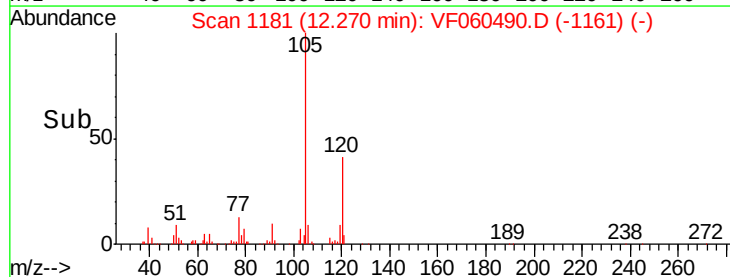
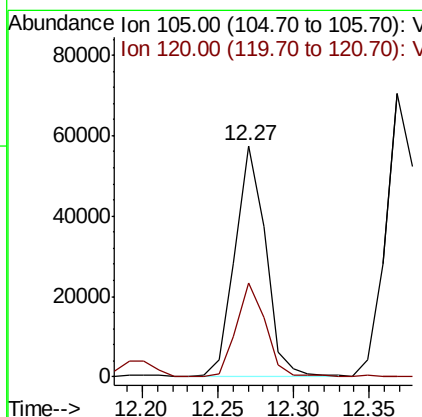
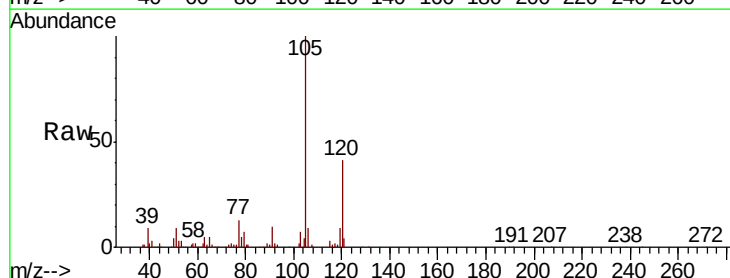
Manual Integrations
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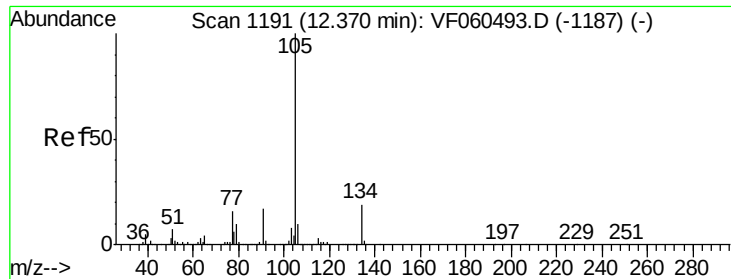
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.275 ug/l
 RT: 12.27 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VF060490.D
 Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.8	21.7	65.1





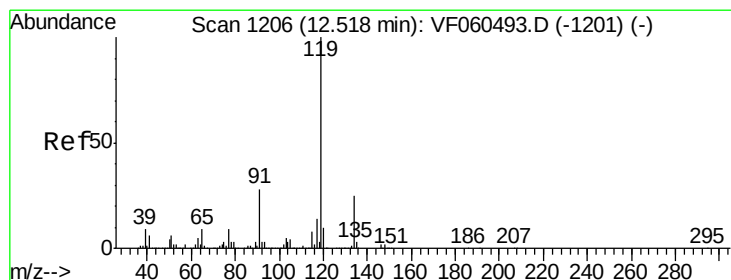
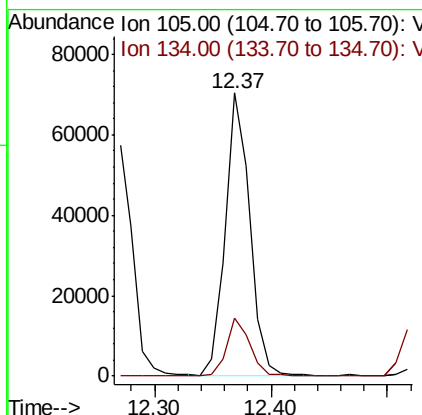
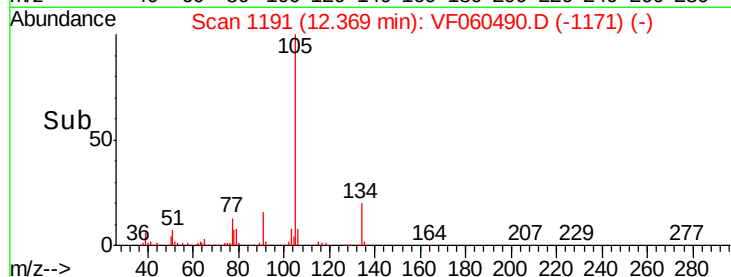
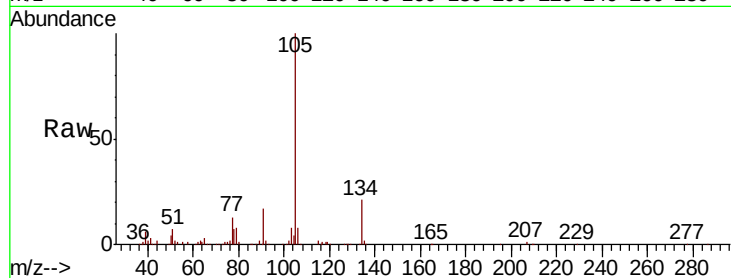
#85
 sec-Butylbenzene
 Concen: 4.886 ug/l
 RT: 12.37 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VF060490.D
 Acq: 9 Oct 2018 14:46

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	9.3	27.9

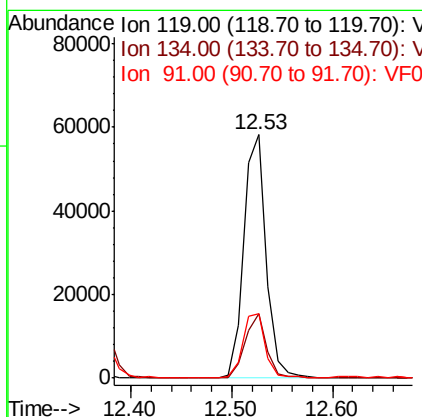
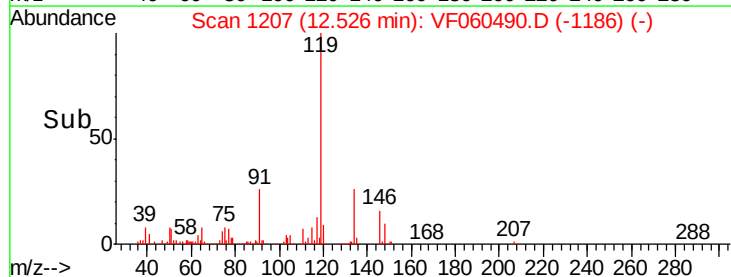
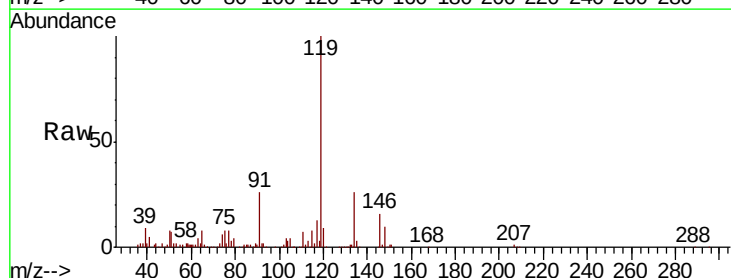
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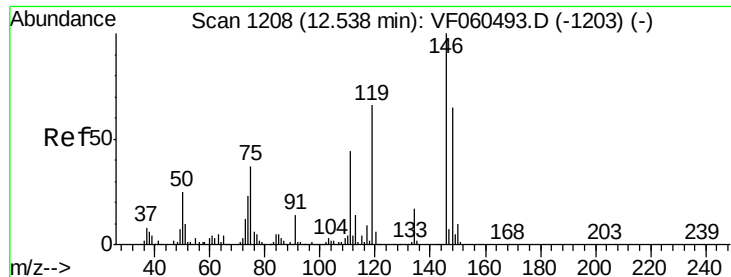
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#86
 p-Isopropyltoluene
 Concen: 5.208 ug/l
 RT: 12.53 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: VF060490.D
 Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.6	37.6
91	26.4	14.1	42.4





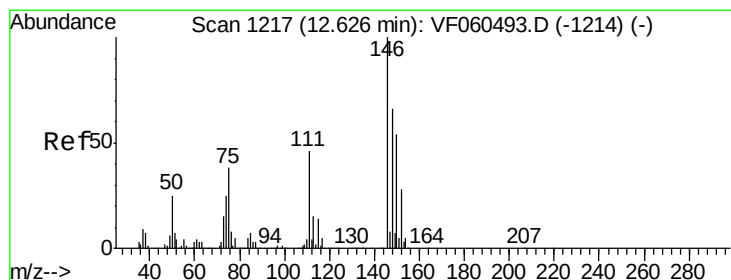
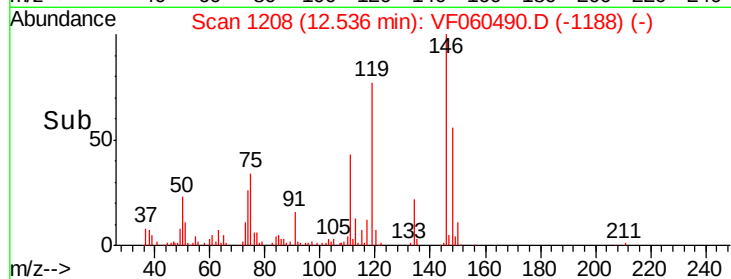
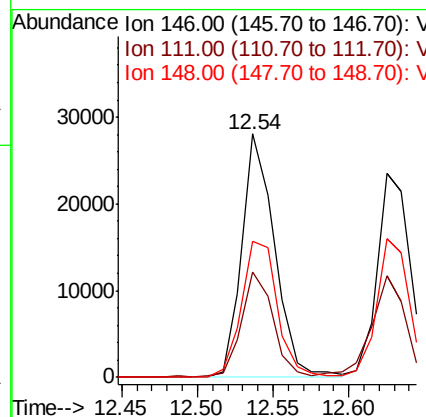
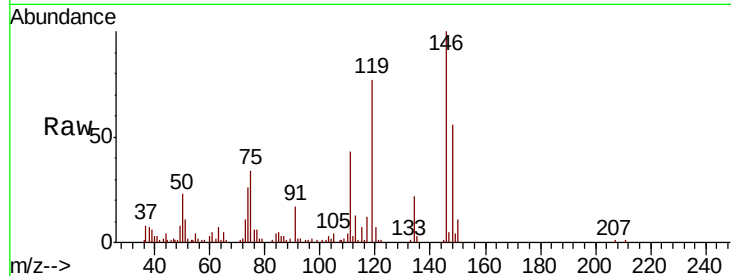
#87
 1,3-Dichlorobenzene
 Concen: 5.500 ug/l
 RT: 12.54 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: VF060490.D
 Acq: 9 Oct 2018 14:46

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.2	66.6
148	55.8	32.7	98.1

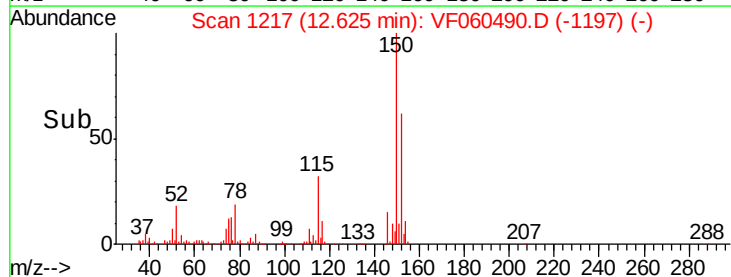
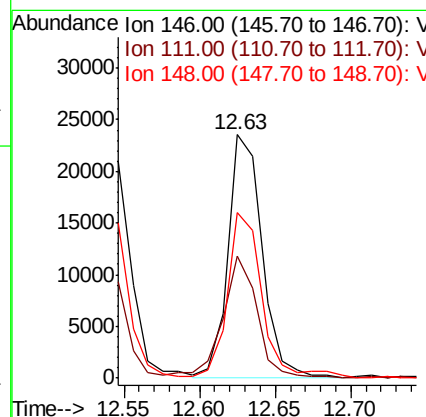
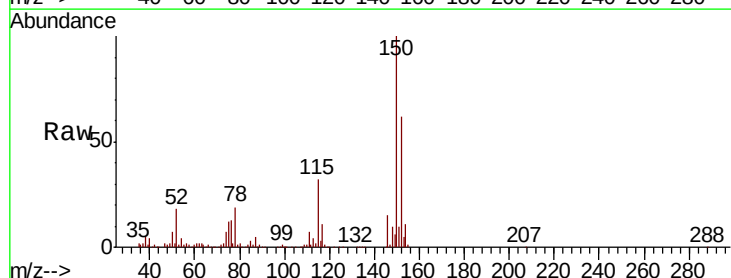
Manual Integrations
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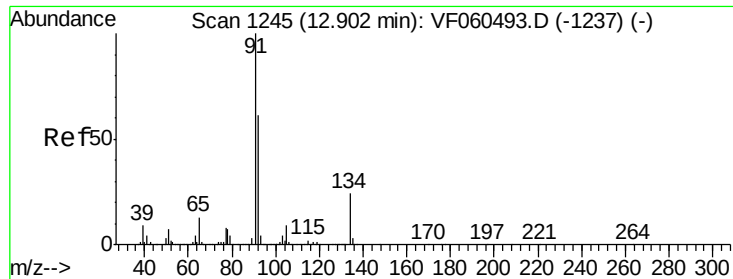
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#88
 1,4-Dichlorobenzene
 Concen: 4.879 ug/l
 RT: 12.63 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VF060490.D
 Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.0	23.2	69.6
148	68.1	33.3	99.9





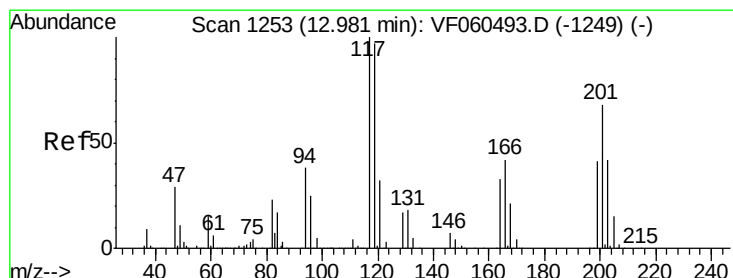
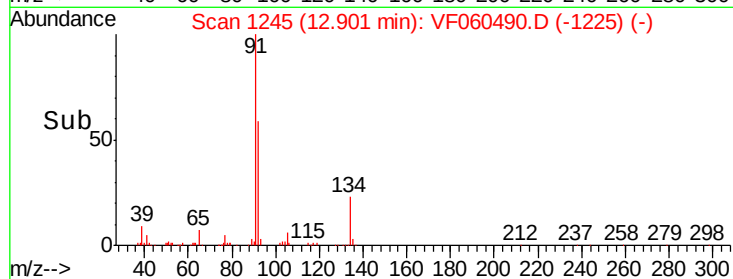
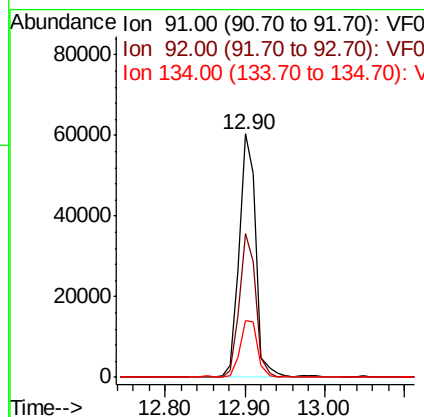
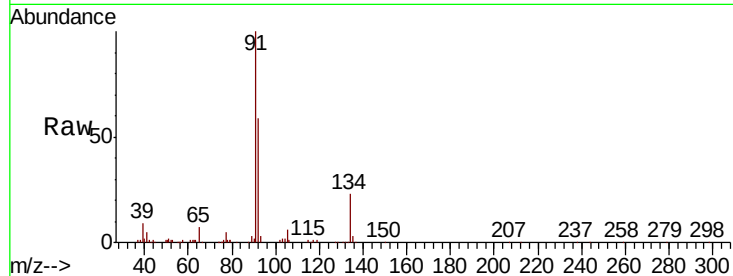
#89
n-Butylbenzene
Concen: 4.897 ug/l
RT: 12.90 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.1	30.8	92.3
134	23.4	12.1	36.3

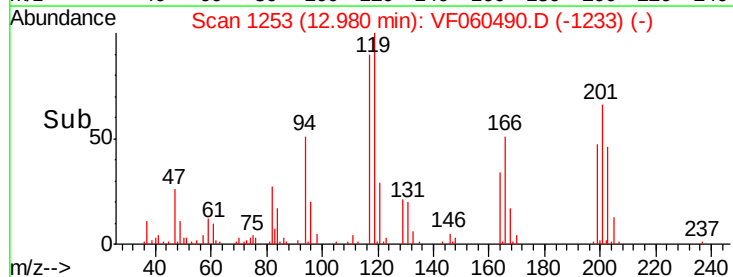
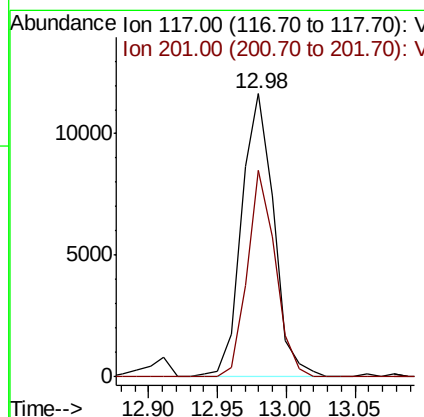
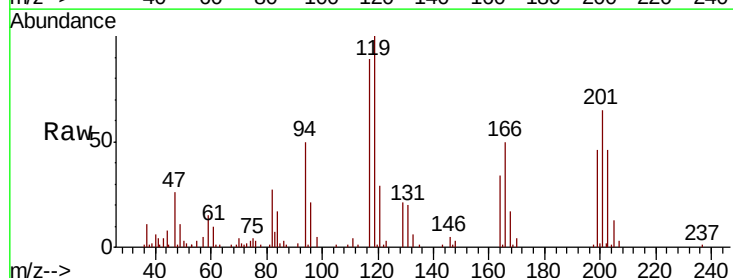
Manual Integrations
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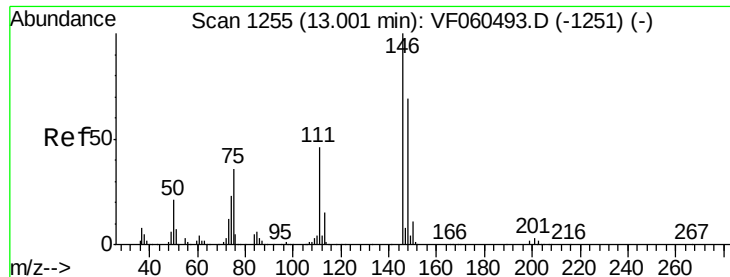
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#90
Hexachloroethane
Concen: 4.325 ug/l
RT: 12.98 min Scan# 1253
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.8	34.0	102.0





#91

1,2-Dichlorobenzene

Concen: 5.355 ug/l

RT: 13.01 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

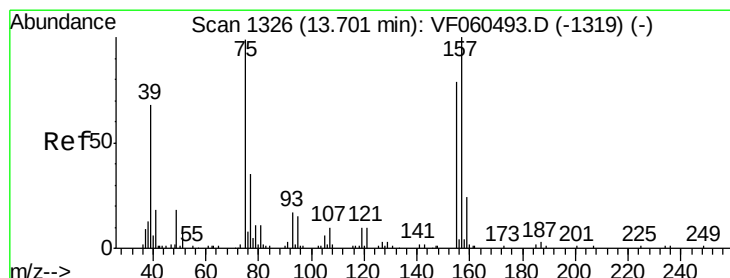
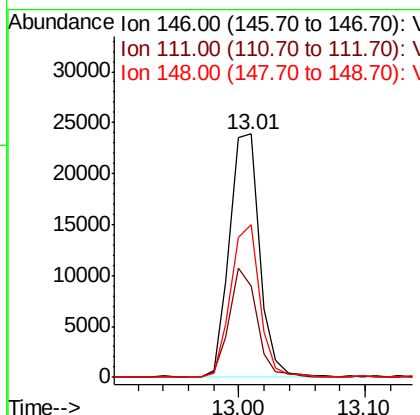
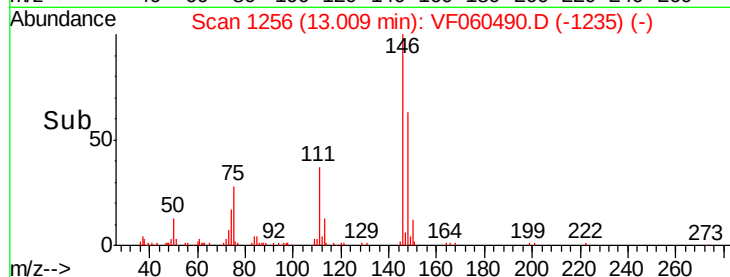
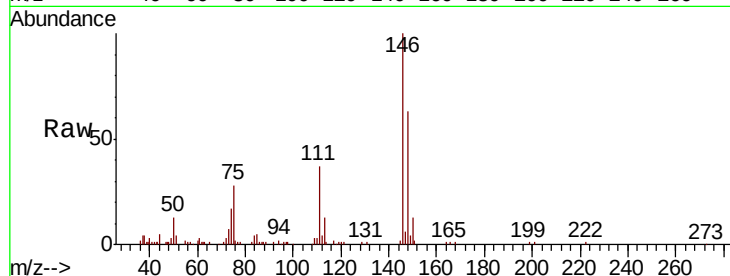
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	22.9	68.7
148	62.8	34.5	103.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 4.503 ug/l

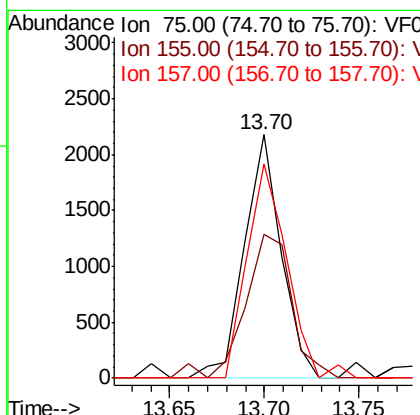
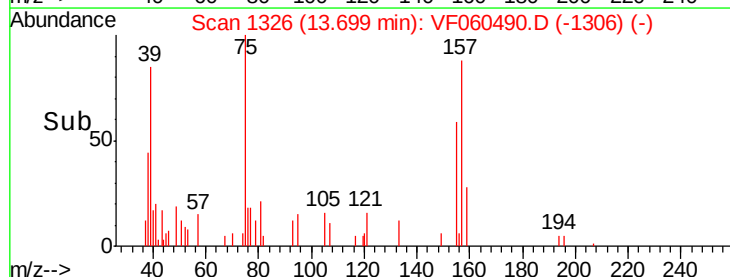
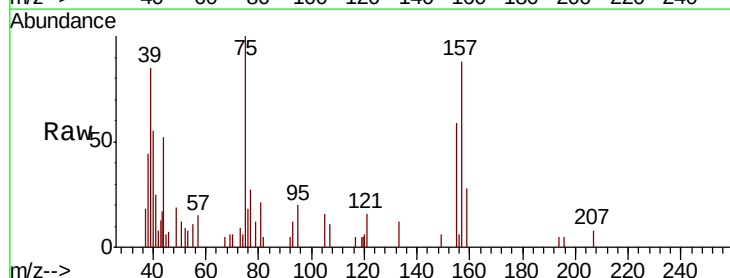
RT: 13.70 min Scan# 1326

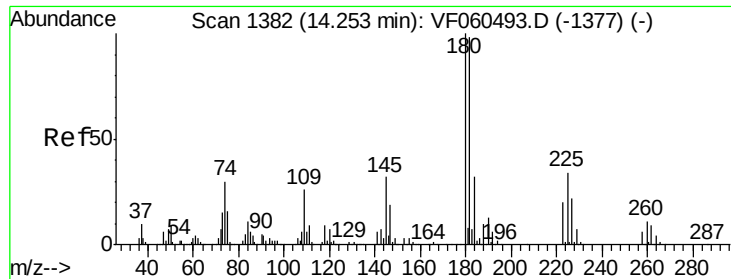
Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	58.8	40.6	121.7
157	87.7	50.8	152.5





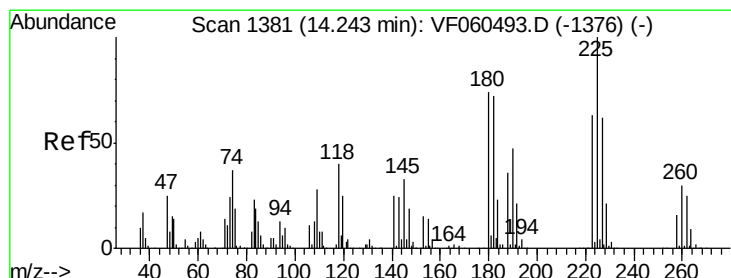
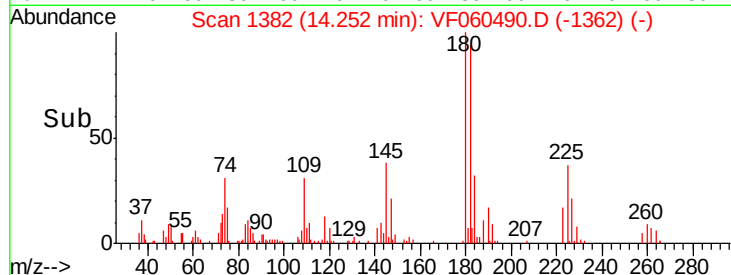
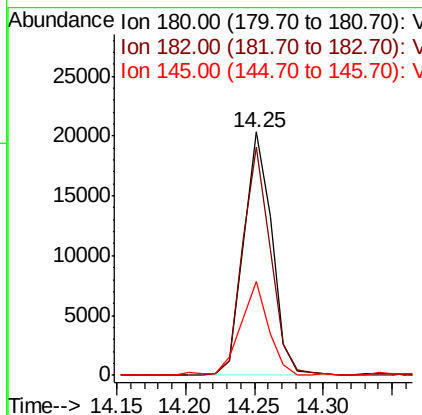
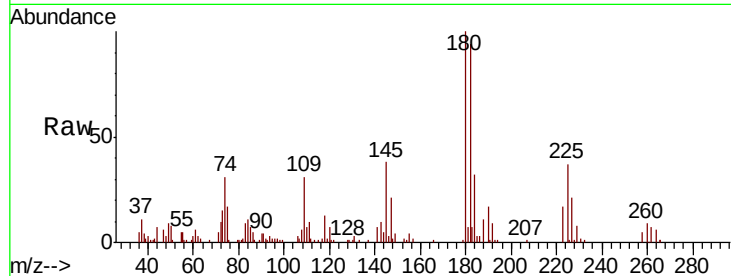
#93
1,2,4-Trichlorobenzene
Concen: 5.297 ug/l
RT: 14.25 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.9	146.8
145	38.4	16.2	48.5

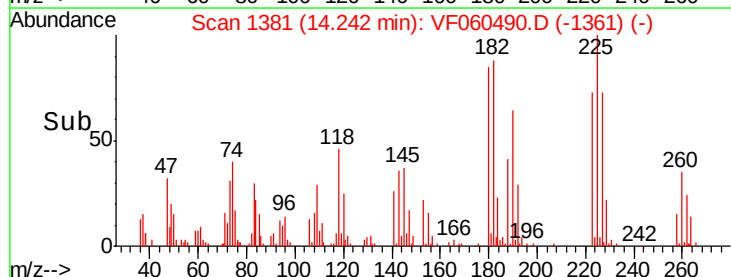
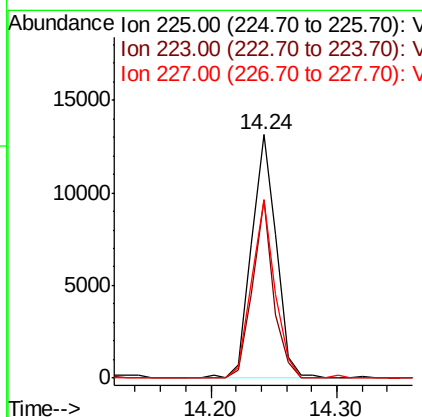
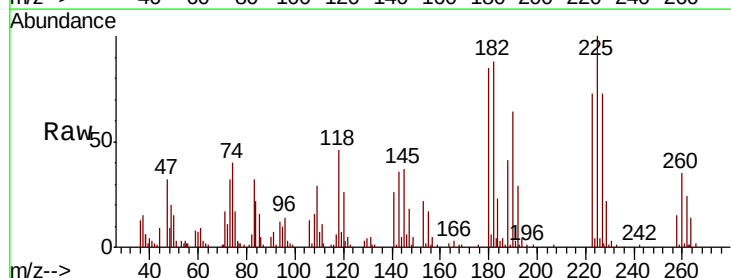
Manual Integrations
APPROVED

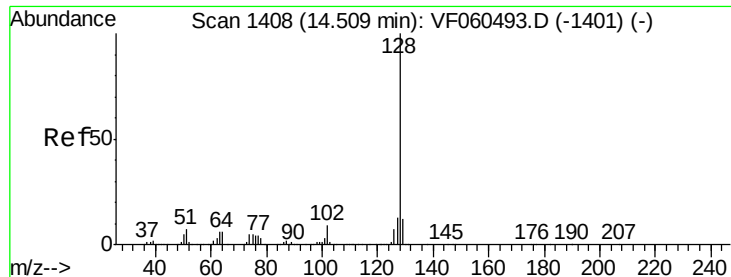
apatel
10/10/2018 12:33:39 PM



#94
Hexachlorobutadiene
Concen: 4.630 ug/l
RT: 14.24 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VF060490.D
Acq: 9 Oct 2018 14:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	73.4	31.4	94.2
227	73.5	30.9	92.7





#95

Naphthalene

Concen: 4.642 ug/l

RT: 14.51 min Scan# 1408

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Instrument :

MSVOA_F

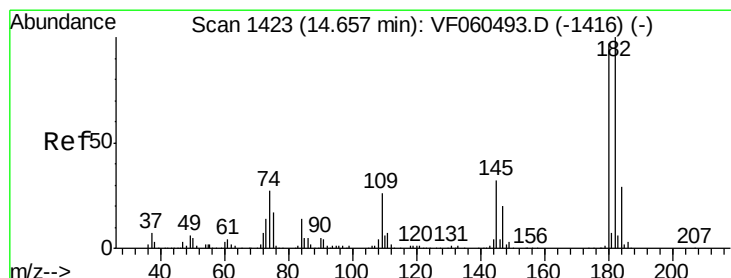
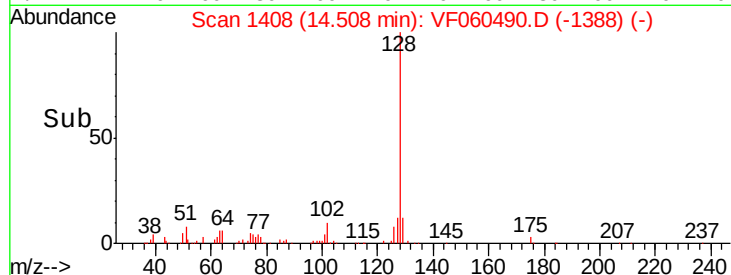
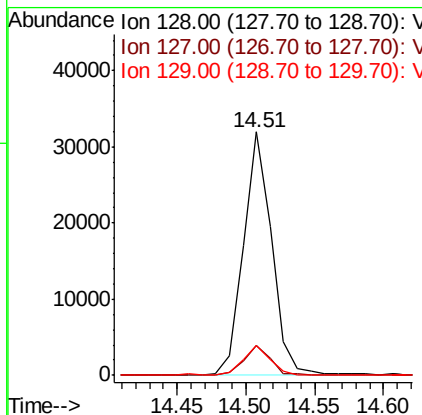
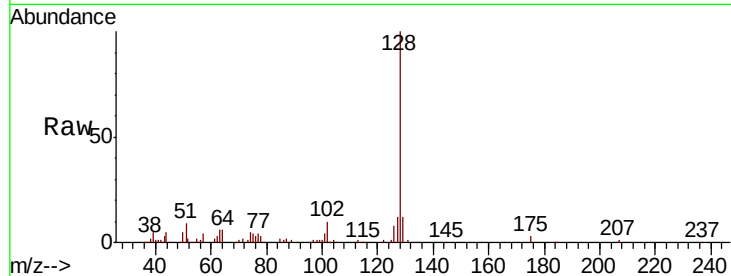
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	45760
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	12.3	9.2	13.8

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10/10/2018 12:33:39 PM



#96

1,2,3-Trichlorobenzene

Concen: 4.690 ug/l

RT: 14.66 min Scan# 1423

Delta R.T. -0.00 min

Lab File: VF060490.D

Acq: 9 Oct 2018 14:46

Tgt Ion:	180	Resp:	24393
Ion	Ratio	Lower	Upper
180	100		
182	99.9	51.3	153.9
145	32.9	16.4	49.2

