

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
 Data File : VF060852.D
 Acq On : 28 Nov 2018 12:22
 Operator : VA/AP
 Sample : VF1128SBS01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1128SBS01

Manual Integrations
 APPROVED

apatel
 11/29/2018 2:54:38 PM

Quant Time: Nov 29 03:48:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	220963	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.62	114	376389	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.80	117	343754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	182187	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.86	65	132102	50.75	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	4.13	113	145090	48.59	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	7.57	98	436517	49.63	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.43	95	199643	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.97	85	74403	22.52	ug/l	94
3) Chloromethane	1.10	50	52248	24.30	ug/l	96
4) Vinyl Chloride	1.14	62	46223	23.05	ug/l	98
5) Bromomethane	1.32	94	29870	21.12	ug/l	97
6) Chloroethane	1.39	64	19562	22.57	ug/l	92
7) Trichlorofluoromethane	1.50	101	91253	21.21	ug/l	97
8) Diethyl Ether	1.64	74	14104	22.80	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	1.83	101	45347	20.85	ug/l	93
10) Methyl Iodide	1.90	142	58086	17.57	ug/l	98
11) Tert butyl alcohol	2.58	59	10015	93.86	ug/l	99
12) 1,1-Dichloroethene	1.79	96	38959	22.27	ug/l	96
13) Acrolein	2.01	56	12566	124.29	ug/l	93
14) Allyl chloride	2.10	41	50062	22.96	ug/l	95
15) Acrylonitrile	2.96	53	26847	112.23	ug/l	94
16) Acetone	2.25	43	56539	117.79	ug/l	99
17) Carbon Disulfide	1.83	76	108143	23.05	ug/l #	91
18) Methyl Acetate	2.36	43	19827	23.75	ug/l	93
19) Methyl tert-butyl Ether	2.44	73	79562	20.19	ug/l	100
20) Methylene Chloride	2.19	84	36891m	20.95	ug/l	
21) trans-1,2-Dichloroethene	2.32	96	38183	22.64	ug/l	92
22) Diisopropyl ether	2.82	45	123873	20.87	ug/l	96
23) Vinyl Acetate	3.20	43	290072	106.91	ug/l	98
24) 1,1-Dichloroethane	2.88	63	75138	21.28	ug/l	98
25) 2-Butanone	4.36	43	89669	108.00	ug/l	97
26) 2,2-Dichloropropane	3.62	77	43647	19.06	ug/l	99
27) cis-1,2-Dichloroethene	3.49	96	57685	21.01	ug/l	97
28) Bromochloromethane	3.74	49	34852	20.56	ug/l	97
29) Tetrahydrofuran	4.09	42	37467	106.46	ug/l	96
30) Chloroform	3.88	83	109120	20.08	ug/l	98
31) Cyclohexane	3.71	56	77678m	21.19	ug/l	
32) 1,1,1-Trichloroethane	4.11	97	76510	20.30	ug/l	94
36) 1,1-Dichloropropene	4.30	75	82598	19.79	ug/l	98
37) Ethyl Acetate	4.13	43	36504	21.52	ug/l #	94
38) Carbon Tetrachloride	4.01	117	69717	18.91	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.48	83	89574	20.47	ug/l	98
40) Benzene	4.65	78	183766	19.92	ug/l	96
41) Methacrylonitrile	4.76	41	18895	19.12	ug/l #	91
42) 1,2-Dichloroethane	4.97	62	62682	18.62	ug/l	98
43) Isopropyl Acetate	6.98	43	45225	19.97	ug/l #	94
44) Trichloroethene	5.52	130	63363	21.01	ug/l	98
45) 1,2-Dichloropropane	6.26	63	49426	20.63	ug/l	98
46) Dibromomethane	6.10	93	30420	18.72	ug/l	90
47) Bromodichloromethane	6.41	83	82626	19.15	ug/l	99
48) Methyl methacrylate	6.74	41	28959	18.86	ug/l	90
49) 1,4-Dioxane	6.74	88	4243	377.53	ug/l #	79
51) 4-Methyl-2-Pentanone	8.27	43	155483	99.38	ug/l	97
52) Toluene	7.64	92	125604	19.39	ug/l	95
53) t-1,3-Dichloropropene	8.30	75	64896	18.49	ug/l	99
54) cis-1,3-Dichloropropene	7.33	75	88263	20.31	ug/l	98
55) 1,1,2-Trichloroethane	8.51	97	35672	18.90	ug/l	93
56) Ethyl methacrylate	8.64	69	42425	20.23	ug/l	95
57) 1,3-Dichloropropane	8.88	76	67376	20.40	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.32	63	18693	87.15	ug/l	91
59) 2-Hexanone	9.52	43	115939	105.63	ug/l	96
60) Dibromochloromethane	8.74	129	51942	18.47	ug/l	96
61) 1,2-Dibromoethane	9.01	107	39736	19.49	ug/l	98
64) Tetrachloroethene	8.18	164	51877	19.76	ug/l	98
65) Chlorobenzene	9.82	112	134525	20.12	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.95	131	58493	20.35	ug/l	92
67) Ethyl Benzene	9.92	91	268681	21.58	ug/l	99
68) m/p-Xylenes	10.16	106	193319	43.17	ug/l	99
69) o-Xylene	10.73	106	103068	20.87	ug/l	90
70) Styrene	10.81	104	149125	21.79	ug/l	98
71) Bromoform	10.80	173	28185	20.30	ug/l	94
73) Isopropylbenzene	11.15	105	312407	21.70	ug/l	97
74) N-amyl acetate	11.39	43	71139	21.40	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.72	83	52034	21.96	ug/l	98
76) 1,2,3-Trichloropropane	11.82	75	38613	22.42	ug/l	95
77) Bromobenzene	11.51	156	62691	19.86	ug/l	76
78) n-propylbenzene	11.61	91	366332	21.73	ug/l	98
79) 2-Chlorotoluene	11.74	91	207290	21.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.85	105	251311	21.50	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.89	75	15348m	18.19	ug/l	
82) 4-Chlorotoluene	11.91	91	209030	20.55	ug/l	98
83) tert-Butylbenzene	12.15	119	256083	21.51	ug/l	97
84) 1,2,4-Trimethylbenzene	12.22	105	240274	20.60	ug/l	100
85) sec-Butylbenzene	12.32	105	347318	21.31	ug/l	95
86) p-Isopropyltoluene	12.48	119	293318	21.47	ug/l	98
87) 1,3-Dichlorobenzene	12.50	146	127771	21.28	ug/l	99
88) 1,4-Dichlorobenzene	12.59	146	114386	19.55	ug/l	98
89) n-Butylbenzene	12.86	91	300867	21.78	ug/l	97
90) Hexachloroethane	12.93	117	66000	20.06	ug/l	90
91) 1,2-Dichlorobenzene	12.96	146	115796	20.37	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.66	75	8499	18.55	ug/l	79

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Instrument :
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ClientSampleId :
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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Nov 27 01:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	82004	20.64	ug/l	93
94) Hexachlorobutadiene	14.20	225	50901	19.22	ug/l	97
95) Naphthalene	14.47	128	152176	17.46	ug/l	98
96) 1,2,3-Trichlorobenzene	14.62	180	68945	18.69	ug/l	96

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

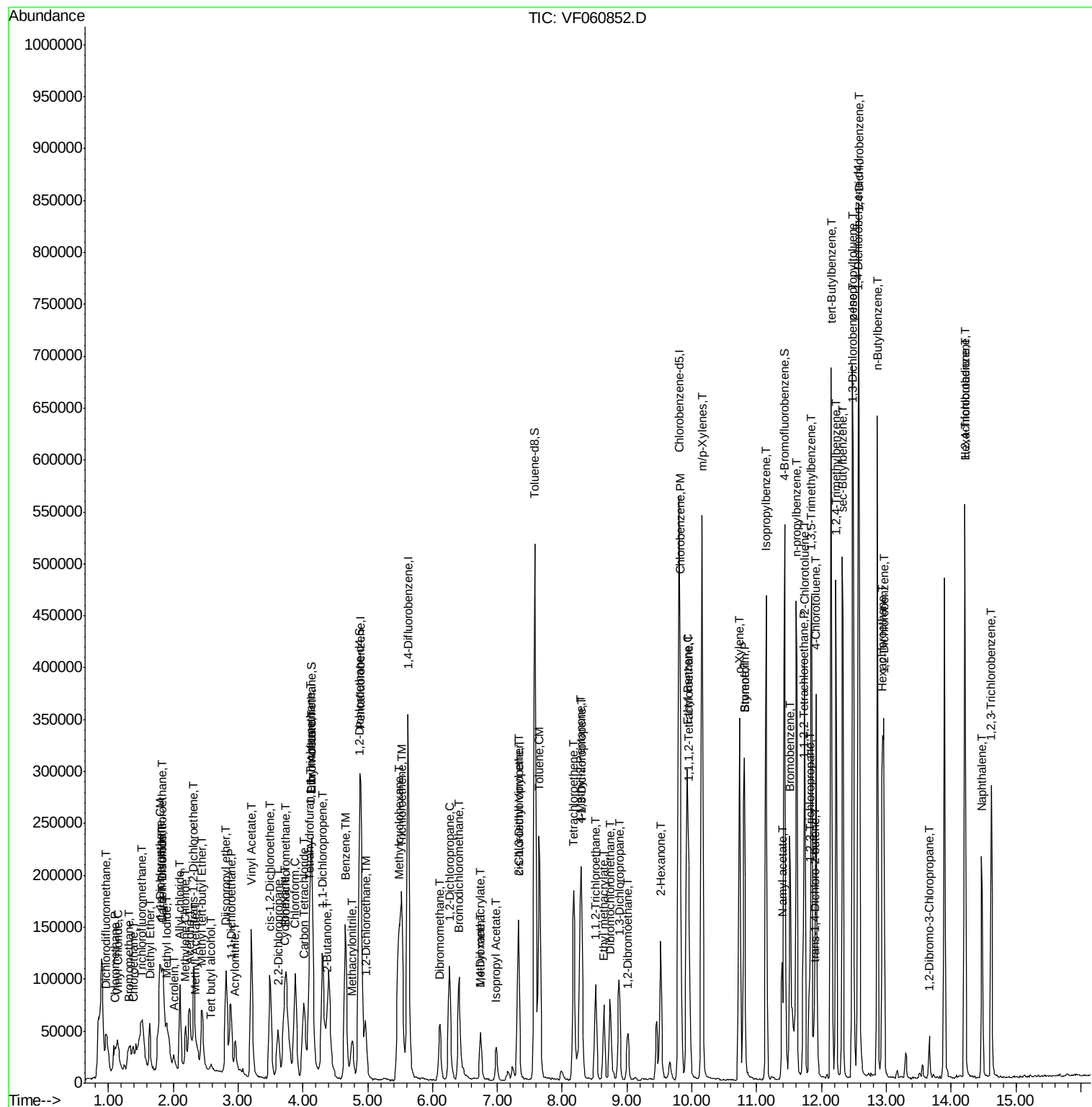
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_F\DATA\VF112818\
 Data File : VF060852.D
 Acq On : 28 Nov 2018 12:22
 Operator : VA/AP
 Sample : VF1128SBS01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 4 Sample Multiplier: 1

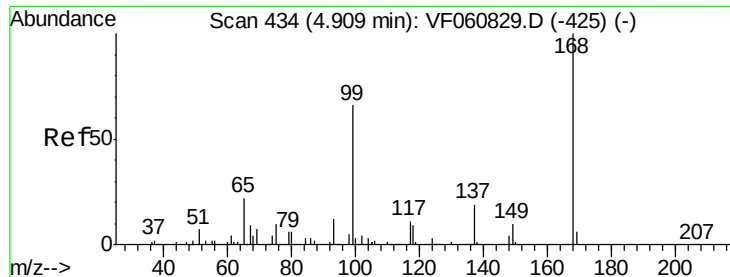
Instrument :
 MSVOA_F
 ClientSampleId :
 VF1128SBS01

Manual Integrations
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.89 min Scan# 432

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 168 Resp: 220963

Ion Ratio Lower Upper

168 100

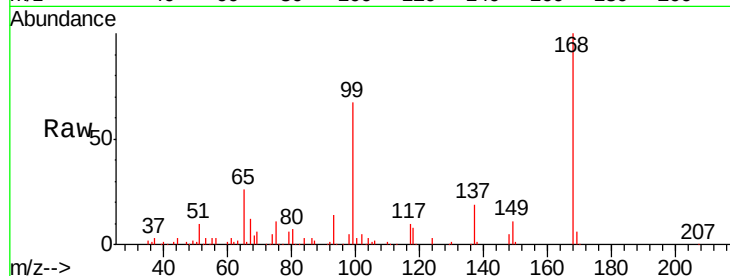
99 66.9 52.6 79.0

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

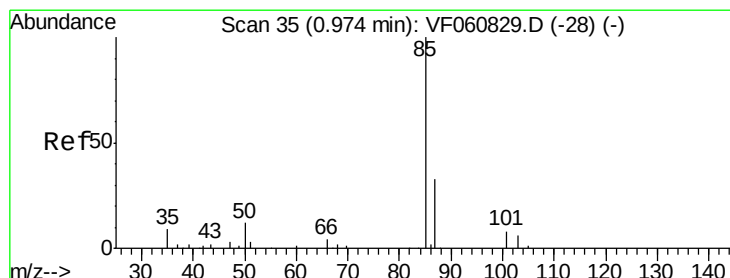
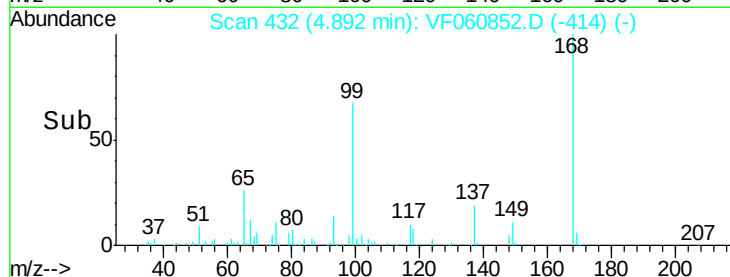
40000

20000

0

4.70 4.80 4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 22.52 ug/l

RT: 0.97 min Scan# 34

Delta R.T. -0.01 min

Lab File: VF060852.D

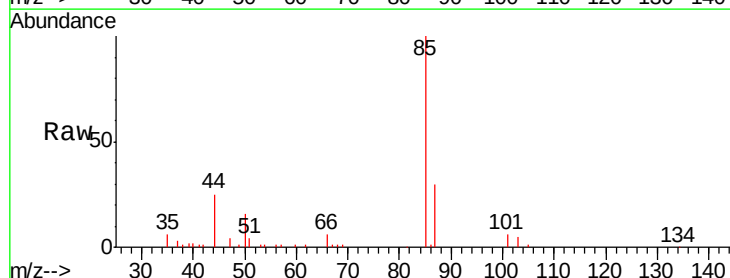
Acq: 28 Nov 2018 12:22

Tgt Ion: 85 Resp: 74403

Ion Ratio Lower Upper

85 100

87 30.0 16.7 50.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

25000

20000

15000

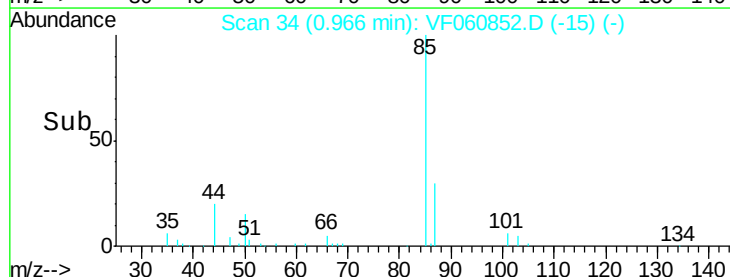
10000

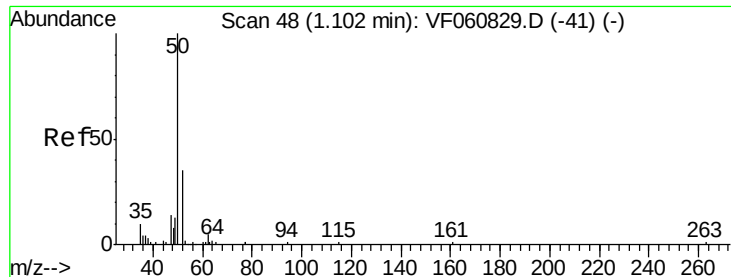
5000

0

0.80 0.90 1.00 1.10 1.20

Time-->





#3

Chloromethane

Concen: 24.30 ug/l

RT: 1.10 min Scan# 48

Delta R.T. 0.00 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 50 Resp: 52248

Ion Ratio Lower Upper

50 100

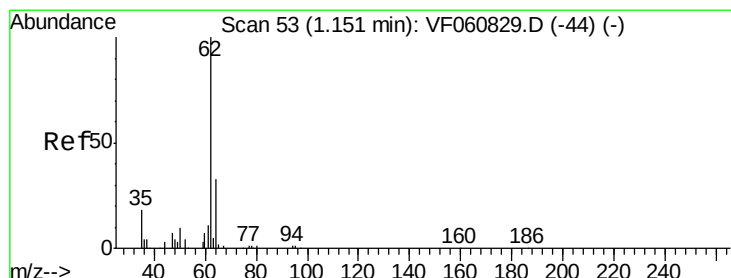
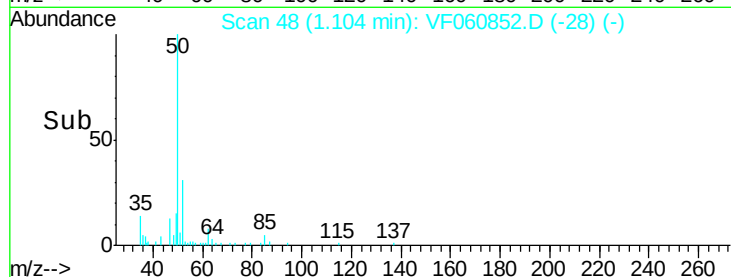
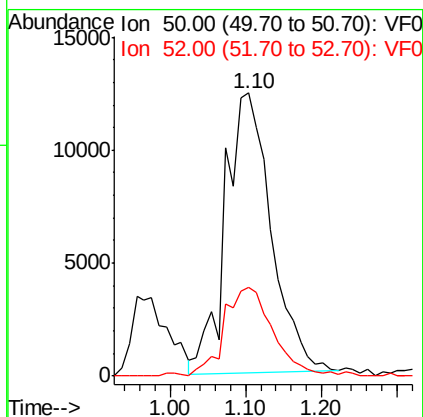
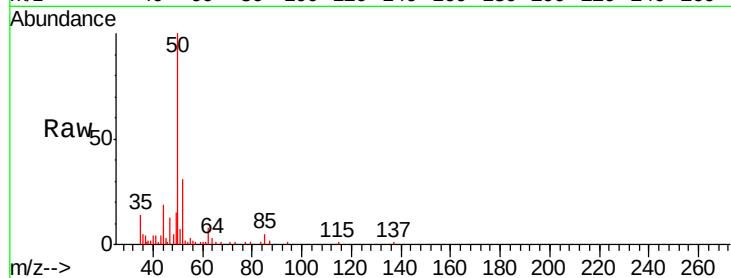
52 31.3 27.0 40.4

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#4

Vinyl Chloride

Concen: 23.05 ug/l

RT: 1.14 min Scan# 52

Delta R.T. -0.01 min

Lab File: VF060852.D

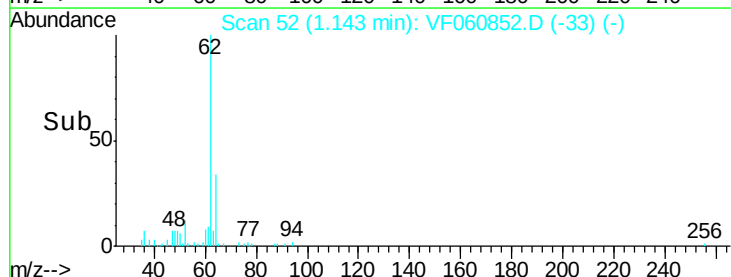
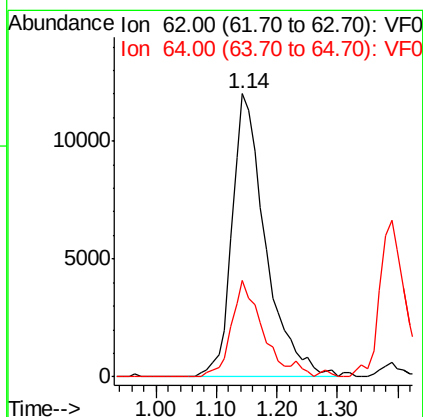
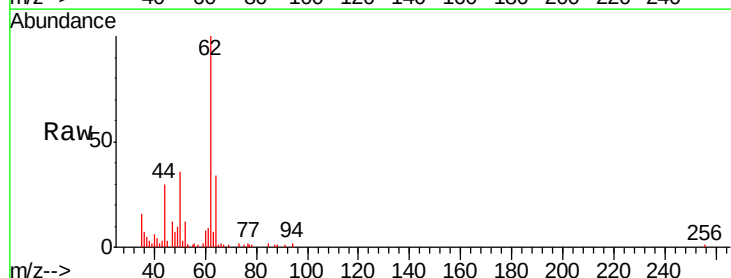
Acq: 28 Nov 2018 12:22

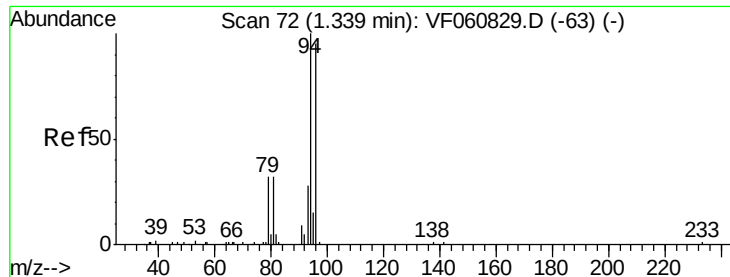
Tgt Ion: 62 Resp: 46223

Ion Ratio Lower Upper

62 100

64 33.9 26.4 39.6





#5

Bromomethane

Concen: 21.12 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 94 Resp: 29870

Ion Ratio Lower Upper

94 100

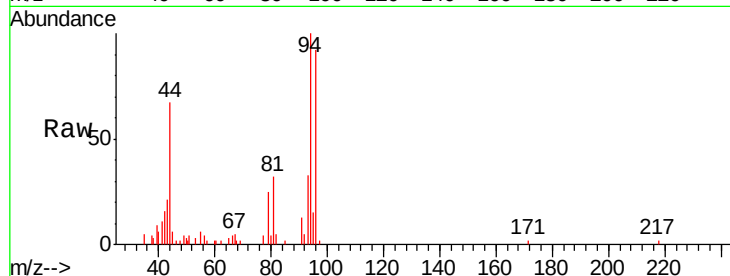
96 92.0 75.9 113.9

Manual Integrations

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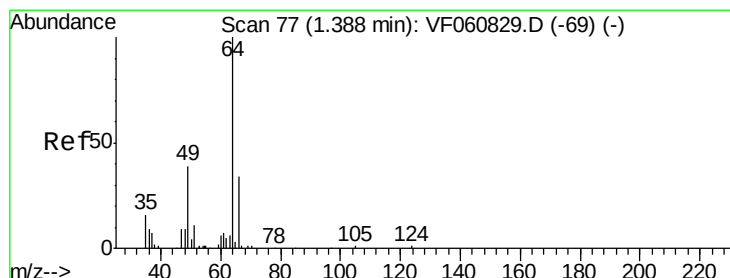
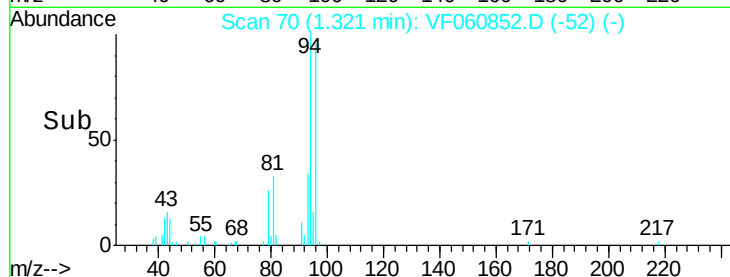
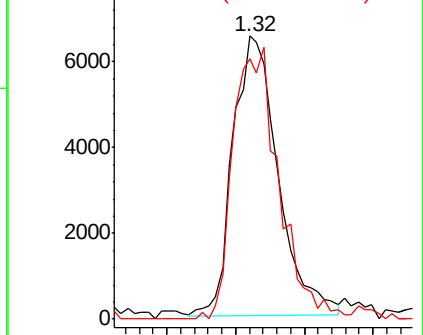
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Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 22.57 ug/l

RT: 1.39 min Scan# 77

Delta R.T. 0.00 min

Lab File: VF060852.D

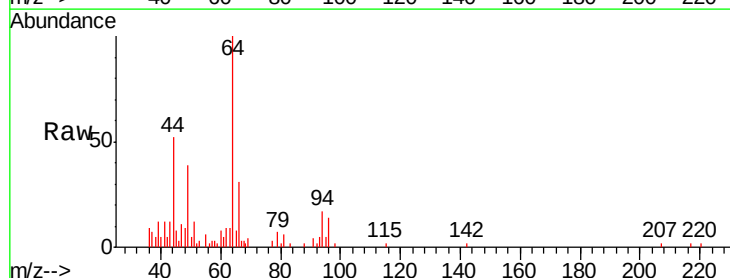
Acq: 28 Nov 2018 12:22

Tgt Ion: 64 Resp: 19562

Ion Ratio Lower Upper

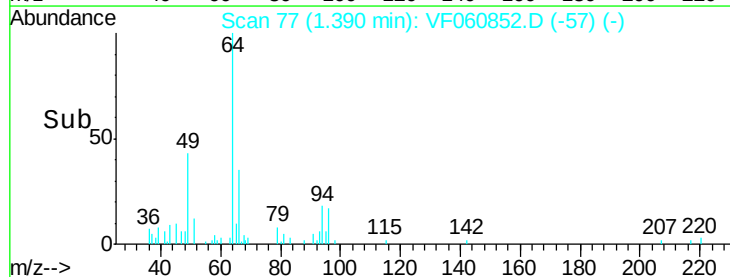
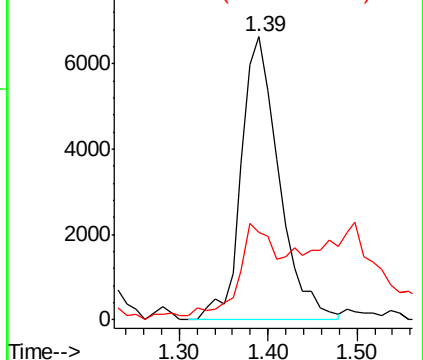
64 100

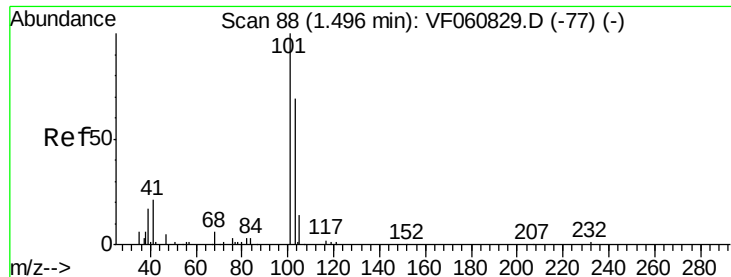
66 30.7 28.1 42.1



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

Trichlorofluoromethane

Concen: 21.21 ug/l

RT: 1.50 min Scan# 88

Delta R.T. 0.00 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion:101 Resp: 91253

Ion Ratio Lower Upper

101 100

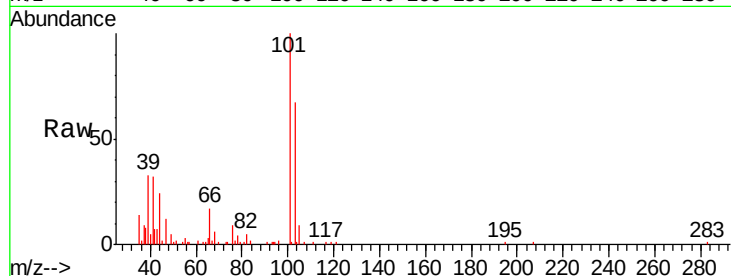
103 66.8 55.4 83.0

Manual Integrations

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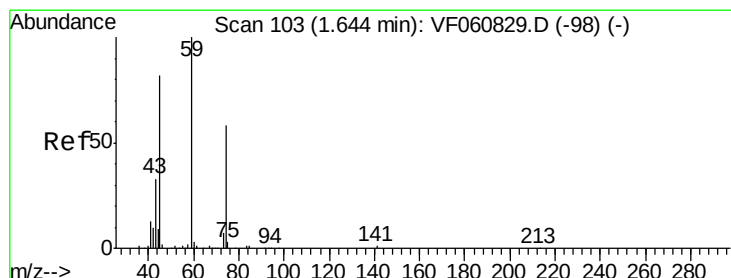
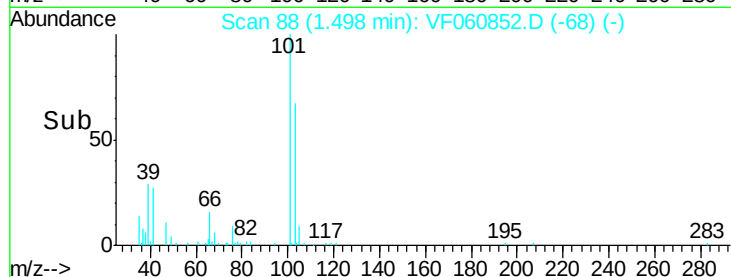
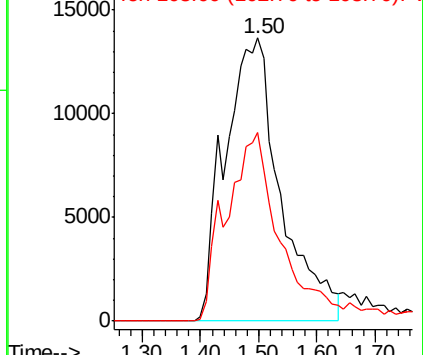
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 22.80 ug/l

RT: 1.64 min Scan# 102

Delta R.T. -0.01 min

Lab File: VF060852.D

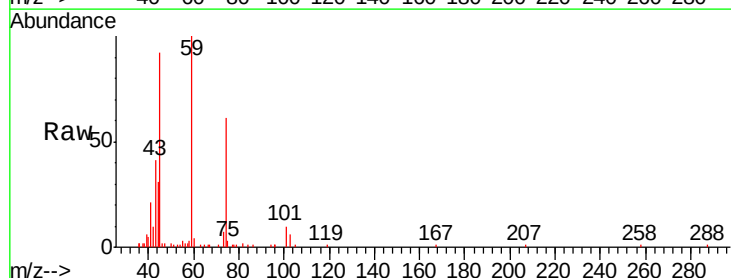
Acq: 28 Nov 2018 12:22

Tgt Ion: 74 Resp: 14104

Ion Ratio Lower Upper

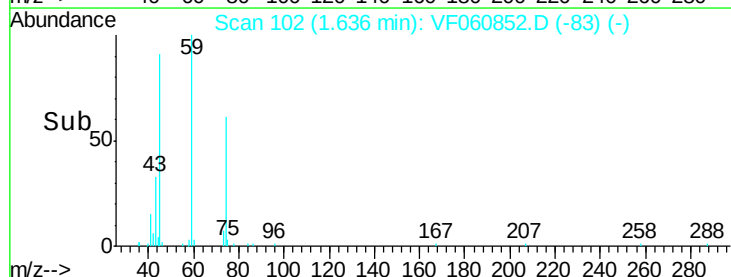
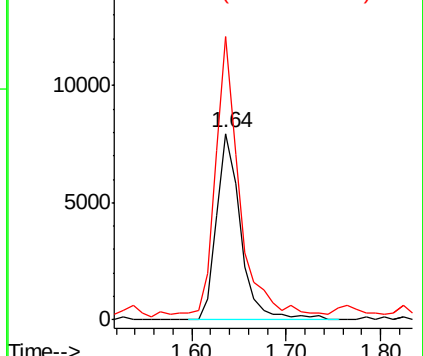
74 100

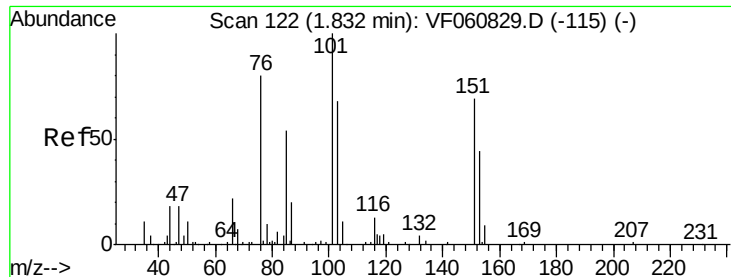
45 152.0 71.0 212.8



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: 20.85 ug/l

RT: 1.83 min Scan# 122

Delta R.T. 0.00 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

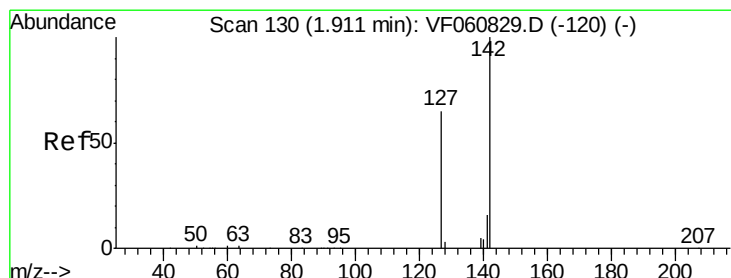
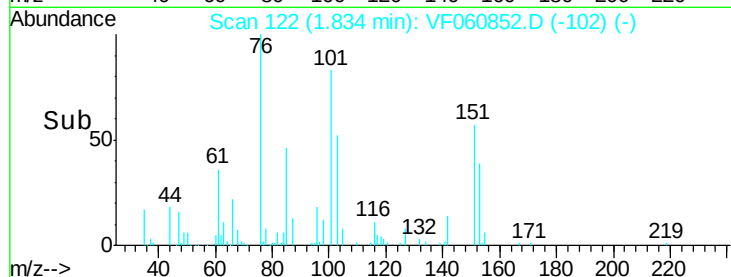
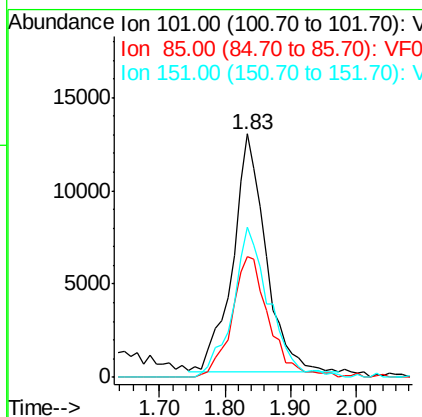
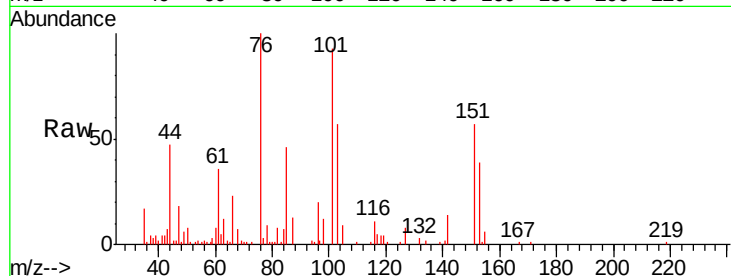
ClientSampleId :

VF1128SBS01

Tgt Ion:	101	Resp:	45347
Ion Ratio	Lower	Upper	
101	100		
85	49.6	42.8	64.2
151	61.7	54.4	81.6

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#10

Methyl Iodide

Concen: 17.57 ug/l

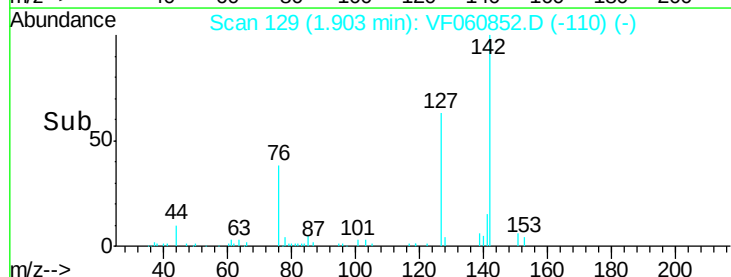
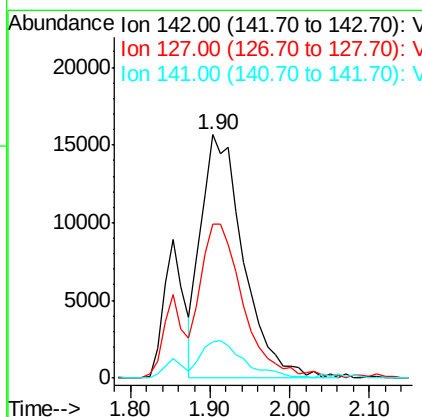
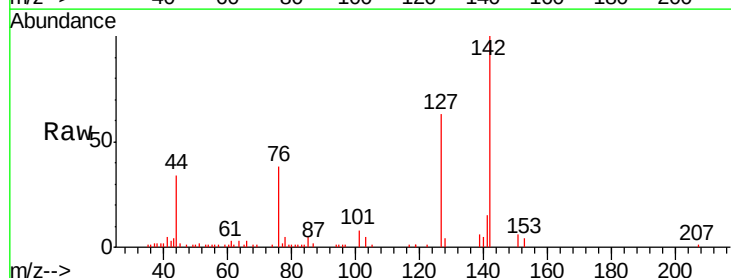
RT: 1.90 min Scan# 129

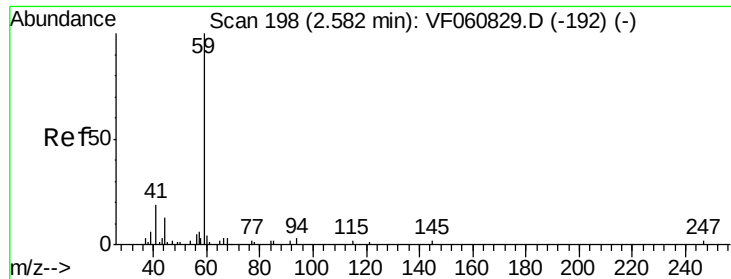
Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion:	142	Resp:	58086
Ion Ratio	Lower	Upper	
142	100		
127	63.2	51.9	77.9
141	14.7	12.7	19.1





#11

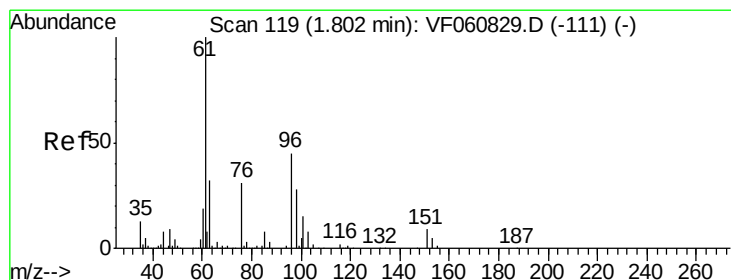
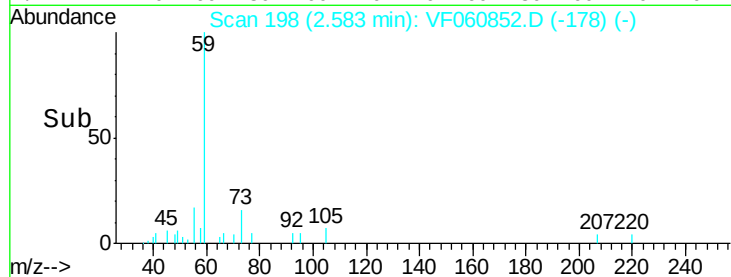
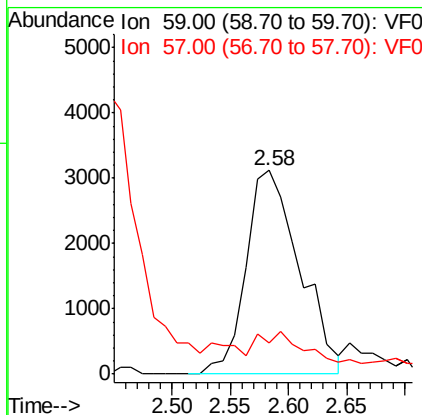
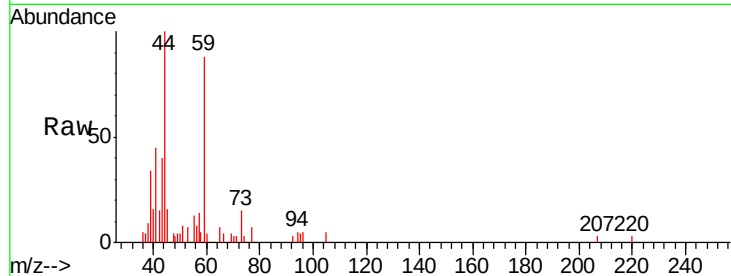
Tert butyl alcohol
Concen: 93.86 ug/l
RT: 2.58 min Scan# 198
Delta R.T. 0.00 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	15.4	12.7	19.1

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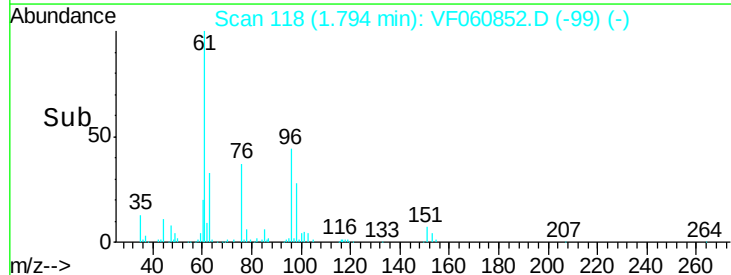
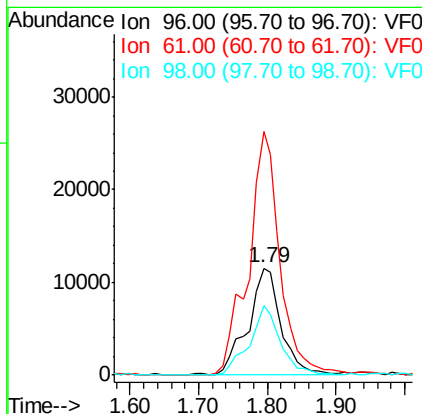
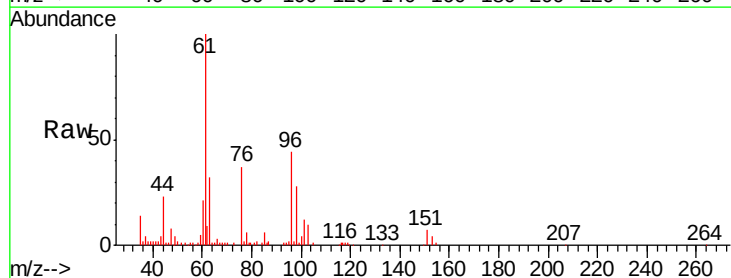
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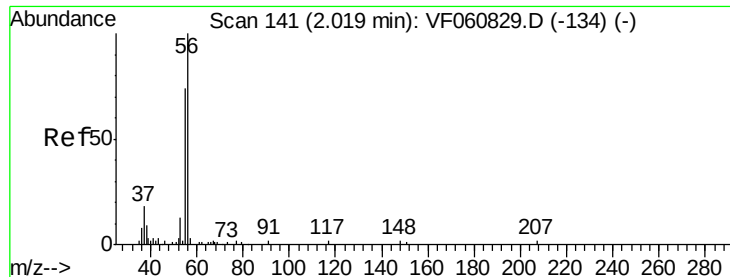


#12

1,1-Dichloroethene
Concen: 22.27 ug/l
RT: 1.79 min Scan# 118
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	227.4	177.3	265.9
98	64.4	49.6	74.4





#13

Acrolein

Concen: 124.29 ug/l

RT: 2.01 min Scan# 140

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 56 Resp: 12566

Ion Ratio Lower Upper

56 100

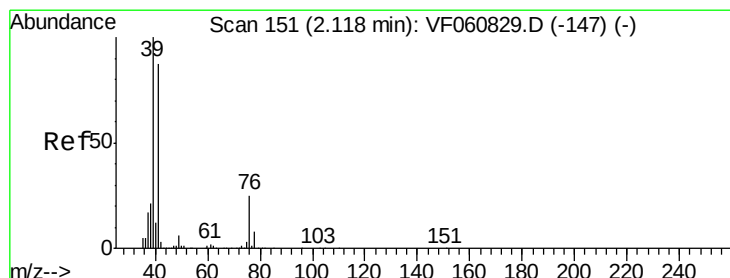
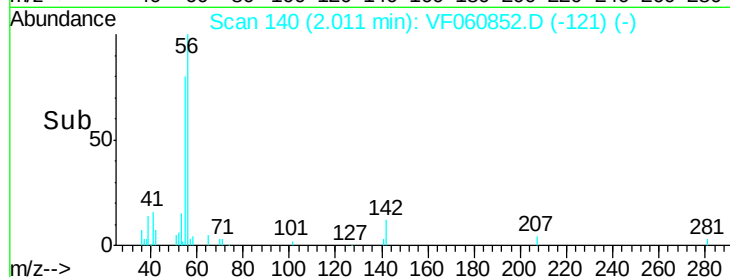
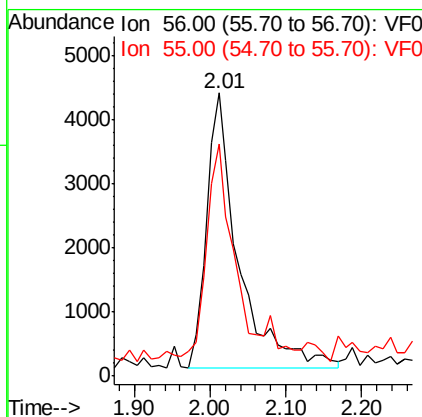
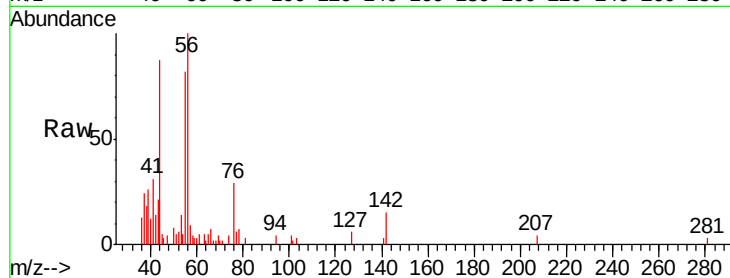
55 82.2 61.2 91.8

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#14

Allyl chloride

Concen: 22.96 ug/l

RT: 2.10 min Scan# 149

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

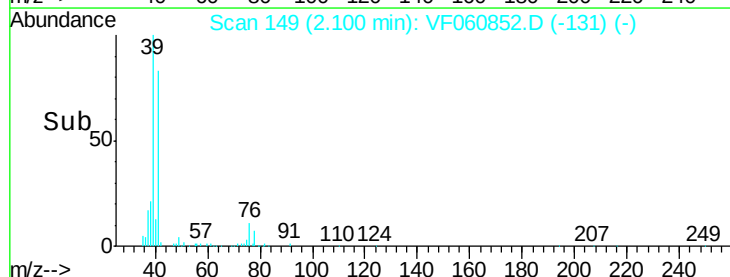
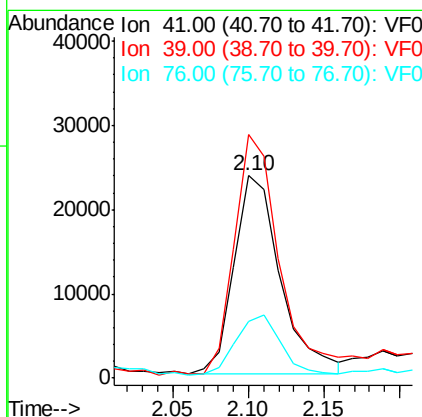
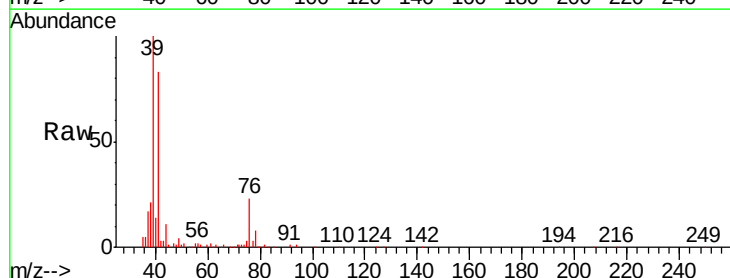
Tgt Ion: 41 Resp: 50062

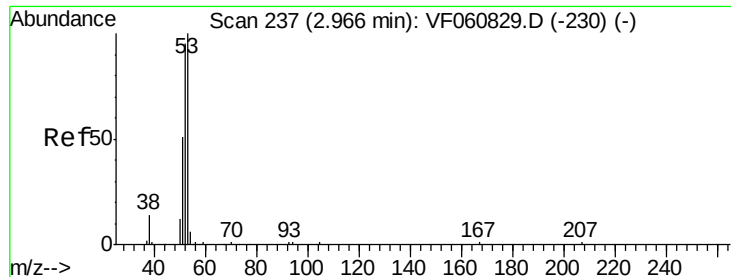
Ion Ratio Lower Upper

41 100

39 120.3 91.7 137.5

76 28.3 23.5 35.3





#15

Acrylonitrile

Concen: 112.23 ug/l

RT: 2.96 min Scan# 236

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

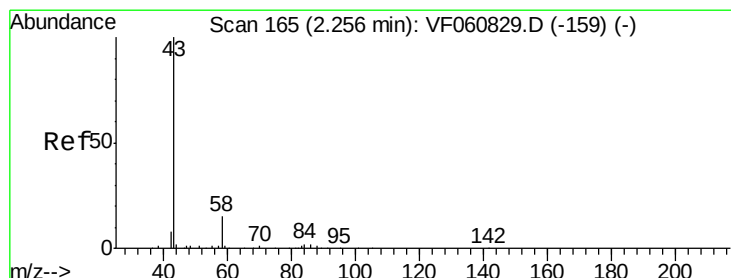
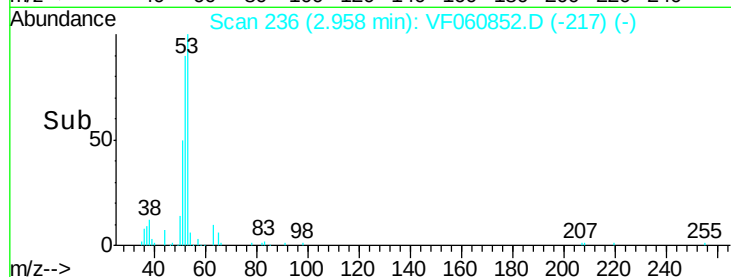
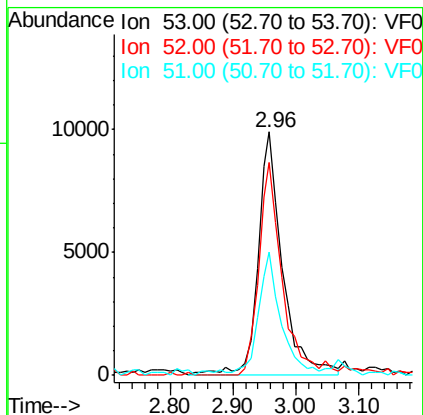
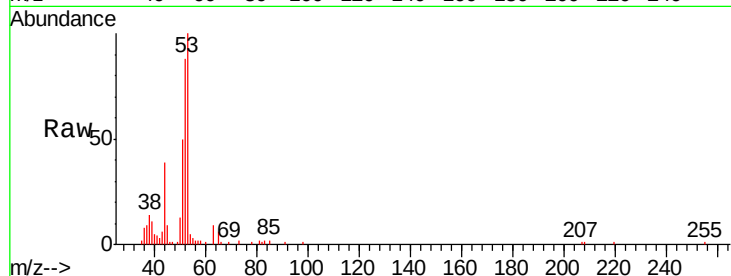
ClientSampleId :

VF1128SBS01

Tgt Ion:	53	Resp:	26847
Ion	Ratio	Lower	Upper
53	100		
52	87.7	76.5	114.7
51	50.4	40.7	61.1

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#16

Acetone

Concen: 117.79 ug/l

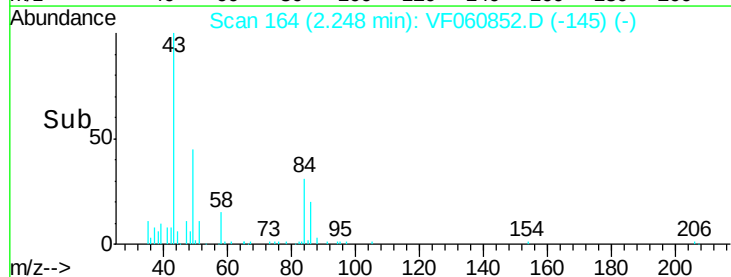
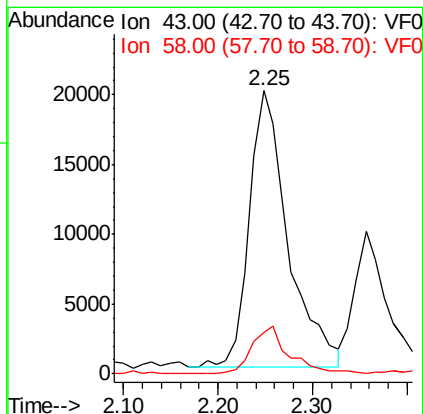
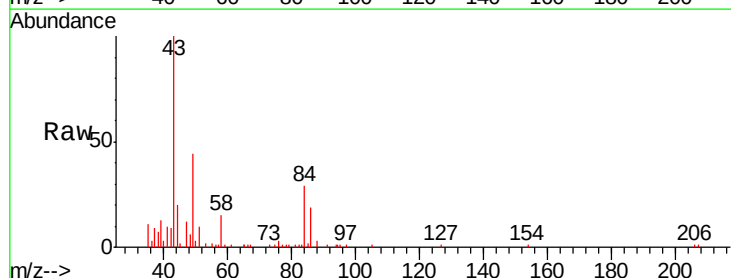
RT: 2.25 min Scan# 164

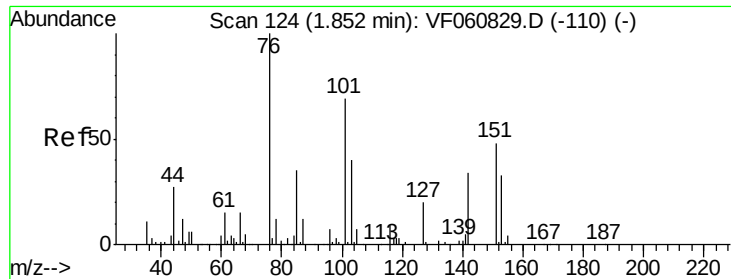
Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion:	43	Resp:	56539
Ion	Ratio	Lower	Upper
43	100		
58	14.9	11.4	17.2





#17

Carbon Disulfide

Concen: 23.05 ug/l

RT: 1.83 min Scan# 122

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 76 Resp: 108143
Ion Ratio Lower Upper

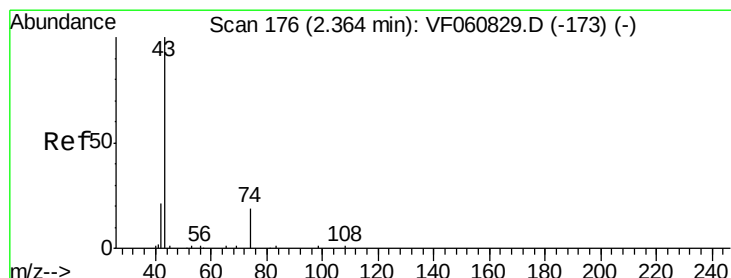
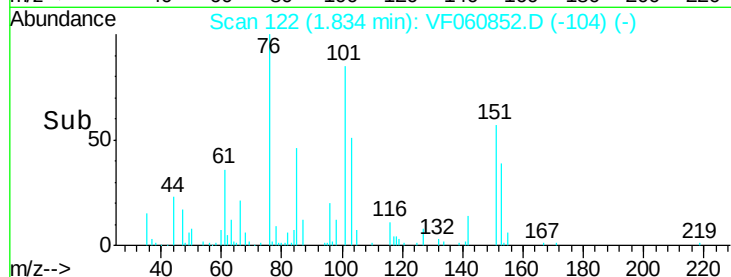
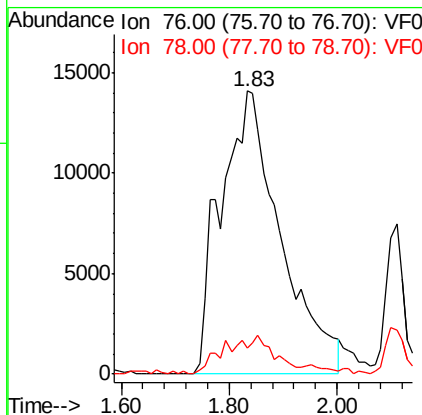
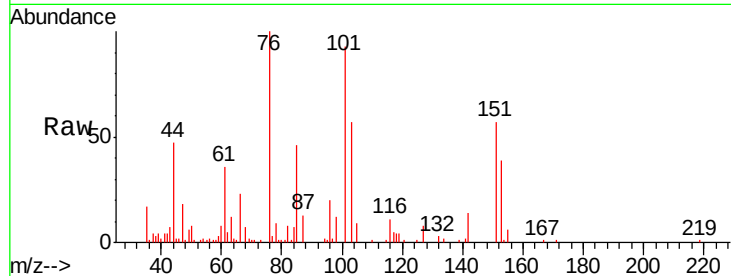
76 100

78 9.2 10.2 15.2#

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#18

Methyl Acetate

Concen: 23.75 ug/l

RT: 2.36 min Scan# 175

Delta R.T. -0.01 min

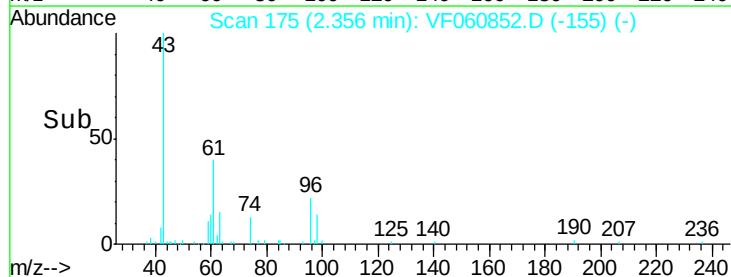
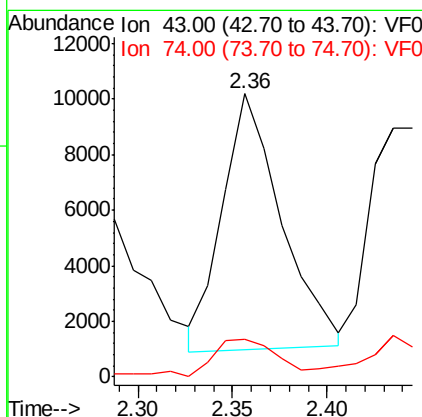
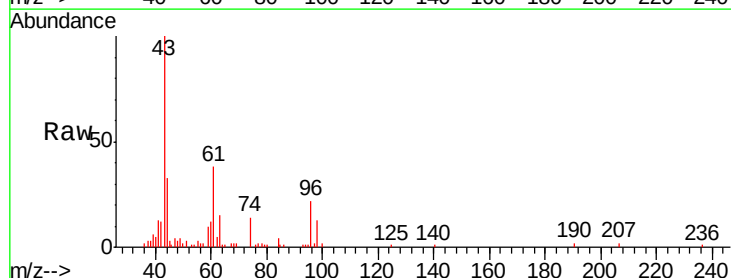
Lab File: VF060852.D

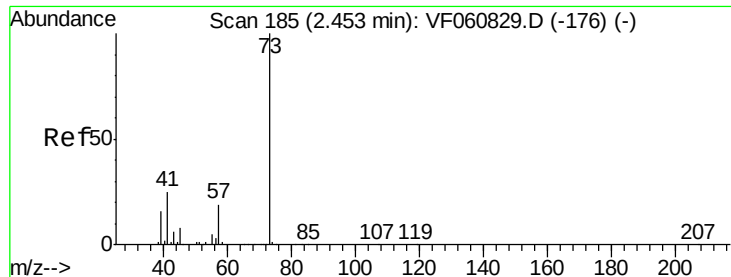
Acq: 28 Nov 2018 12:22

Tgt Ion: 43 Resp: 19827
Ion Ratio Lower Upper

43 100

74 13.5 13.3 19.9





#19

Methyl tert-butyl Ether

Concen: 20.19 ug/l

RT: 2.44 min Scan# 183

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion: 73 Resp: 79562

Ion Ratio Lower Upper

73 100

57 18.9 15.3 22.9

Instrument :

MSVOA_F

ClientSampleId :

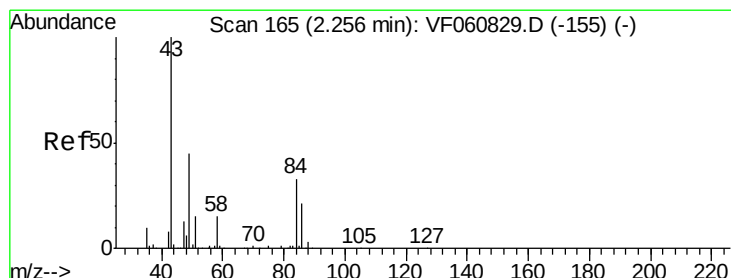
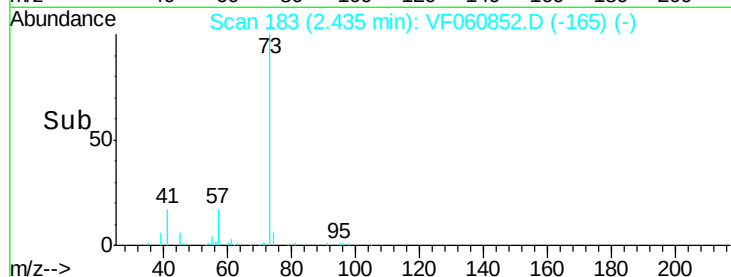
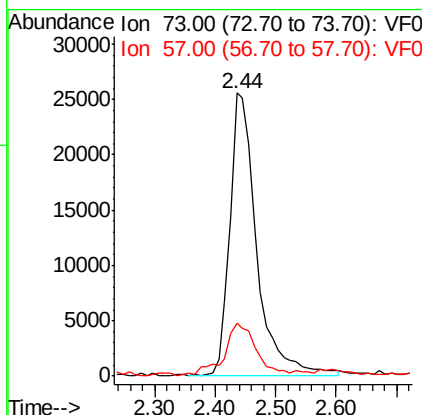
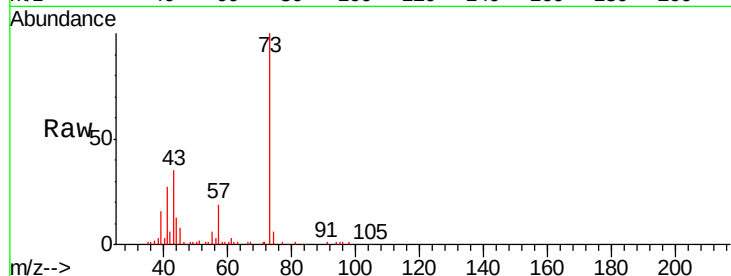
VF1128SBS01

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#20

Methylene Chloride

Concen: 20.95 ug/l m

RT: 2.19 min Scan# 158

Delta R.T. -0.07 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion: 84 Resp: 36891

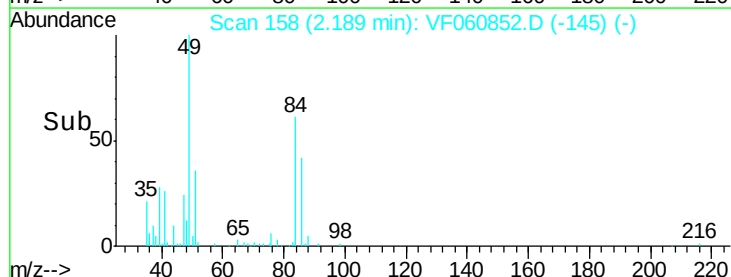
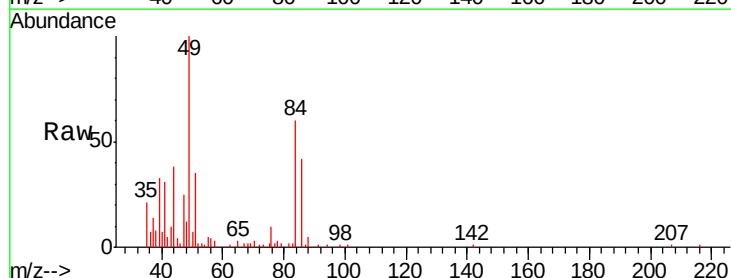
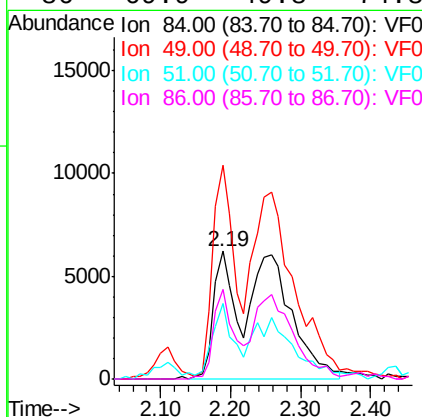
Ion Ratio Lower Upper

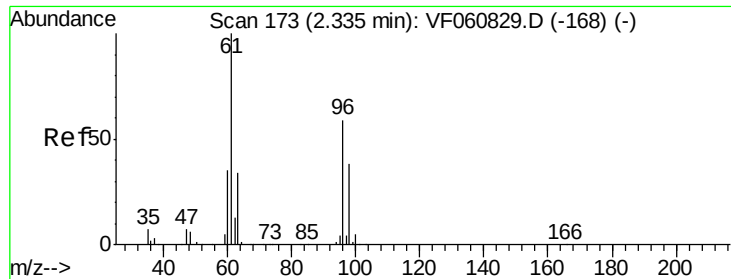
84 100

49 167.1 111.3 166.9#

51 59.2 38.0 57.0#

86 69.9 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 22.64 ug/l

RT: 2.32 min Scan# 171

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

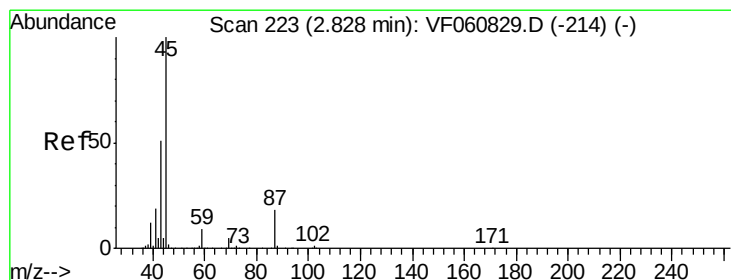
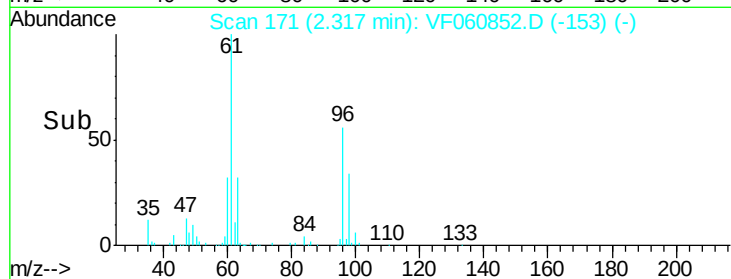
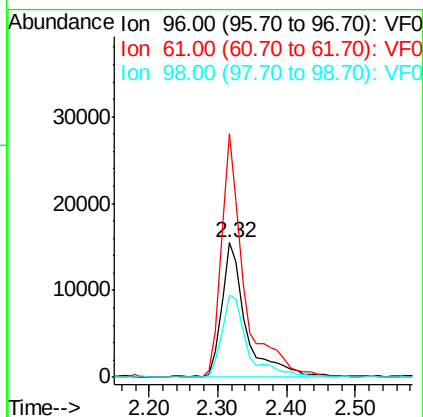
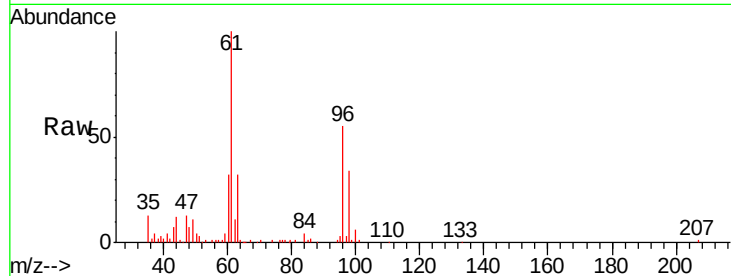
ClientSampleId :

VF1128SBS01

Tgt Ion:	96	Resp:	38183
Ion	Ratio	Lower	Upper
96	100		
61	180.7	134.5	201.7
98	61.0	51.6	77.4

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#22

Diisopropyl ether

Concen: 20.87 ug/l

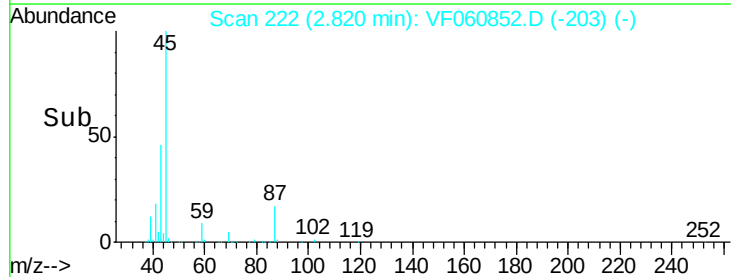
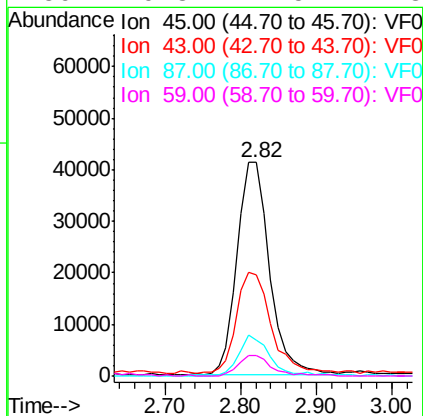
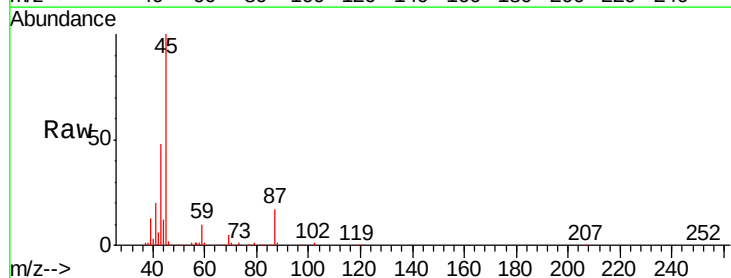
RT: 2.82 min Scan# 222

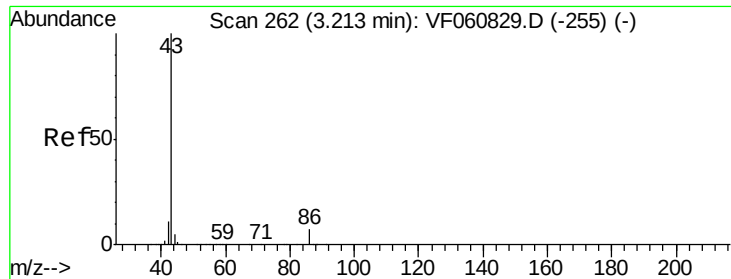
Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion:	45	Resp:	123873
Ion	Ratio	Lower	Upper
45	100		
43	47.6	41.0	61.6
87	16.6	14.6	22.0
59	9.8	7.5	11.3





#23

Vinyl Acetate

Concen: 106.91 ug/l

RT: 3.20 min Scan# 261

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 43 Resp: 290072

Ion Ratio Lower Upper

43 100

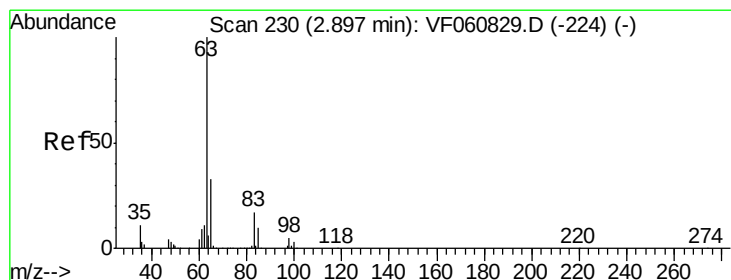
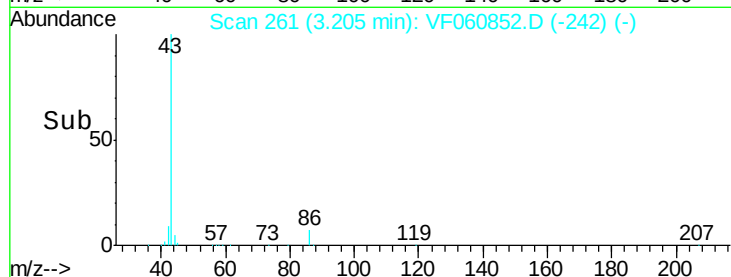
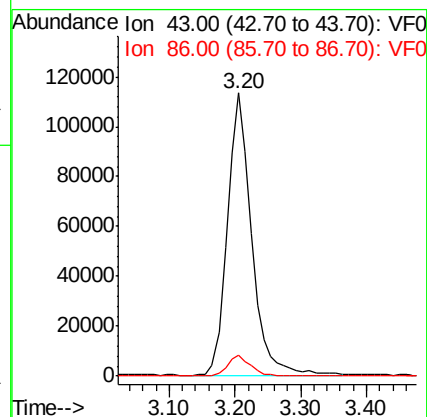
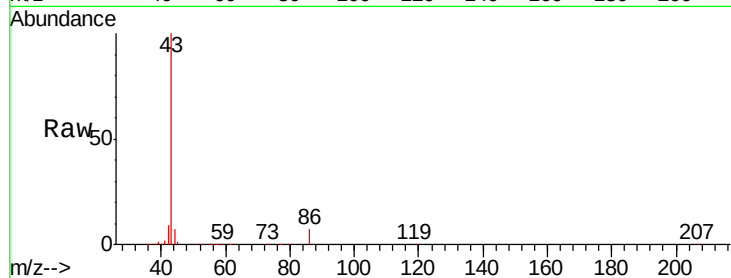
86 7.3 5.4 8.0

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#24

1,1-Dichloroethane

Concen: 21.28 ug/l

RT: 2.88 min Scan# 228

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

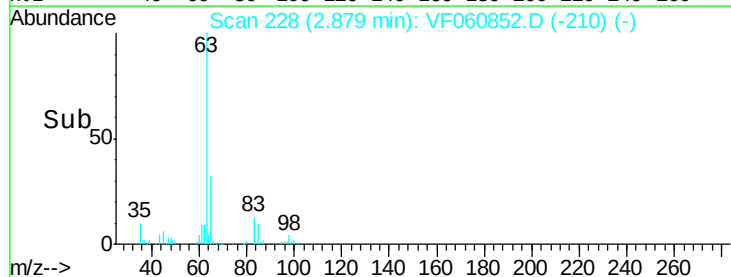
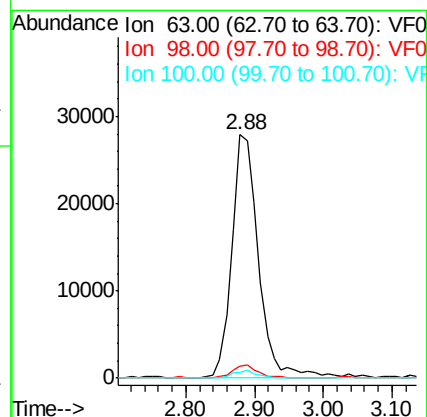
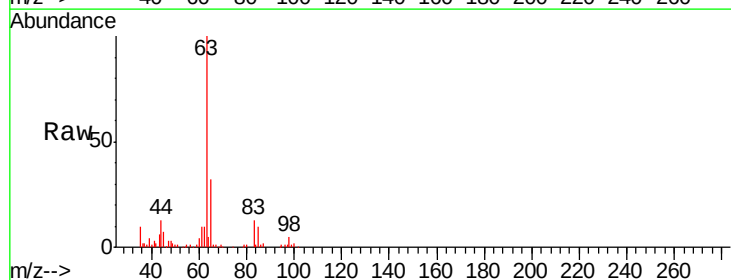
Tgt Ion: 63 Resp: 75138

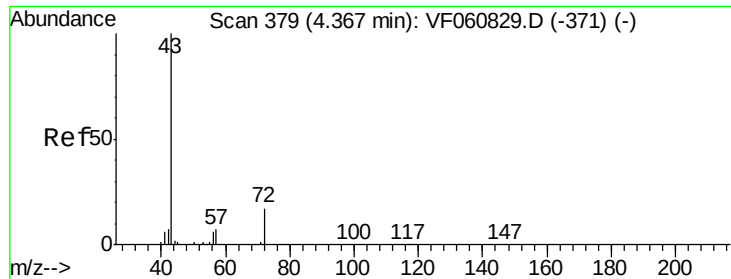
Ion Ratio Lower Upper

63 100

98 4.7 2.7 8.1

100 2.2 1.5 4.5





#25

2-Butanone

Concen: 108.00 ug/l

RT: 4.36 min Scan# 378

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 43 Resp: 89669

Ion Ratio Lower Upper

43 100

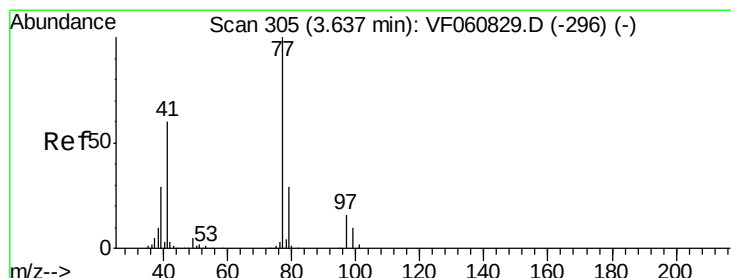
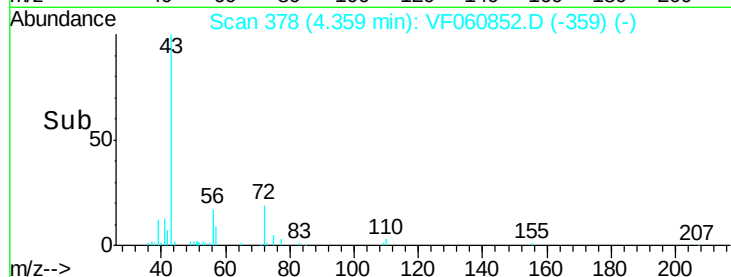
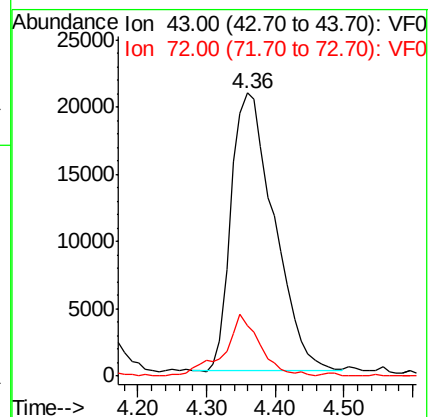
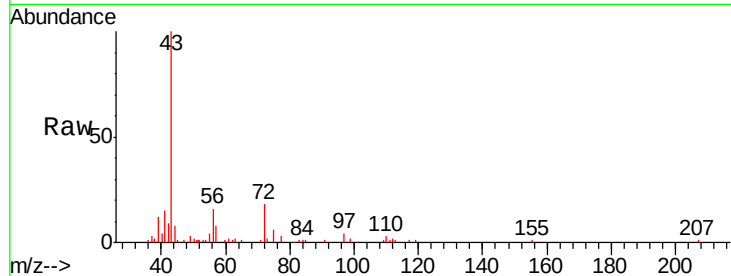
72 18.0 15.4 23.2

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#26

2,2-Dichloropropane

Concen: 19.06 ug/l

RT: 3.62 min Scan# 303

Delta R.T. -0.02 min

Lab File: VF060852.D

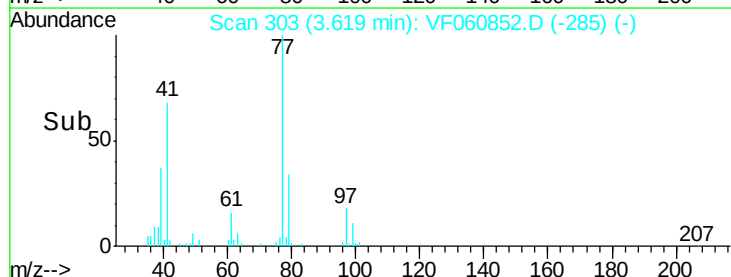
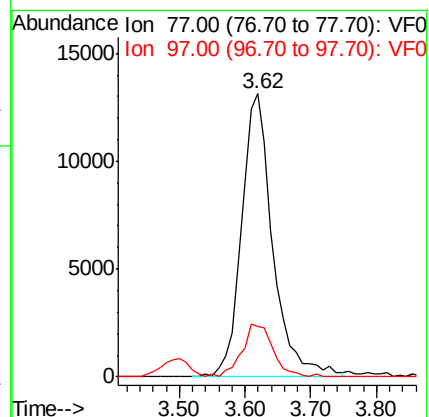
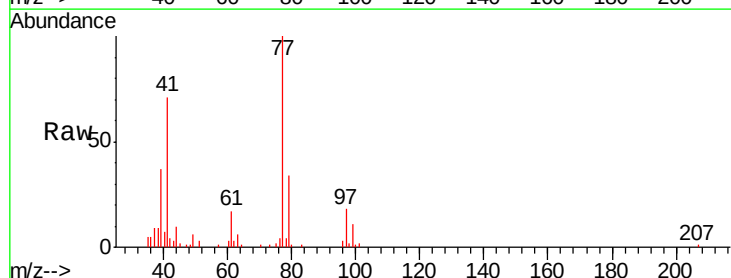
Acq: 28 Nov 2018 12:22

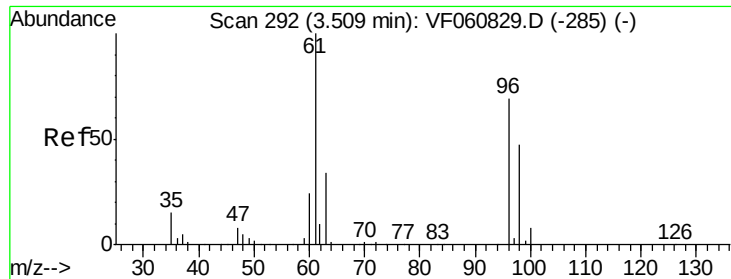
Tgt Ion: 77 Resp: 43647

Ion Ratio Lower Upper

77 100

97 17.8 8.6 25.8





#27

cis-1,2-Dichloroethene

Concen: 21.01 ug/l

RT: 3.49 min Scan# 290

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

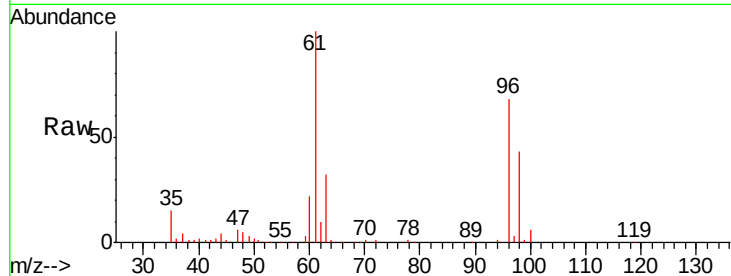
ClientSampleId :

VF1128SBS01

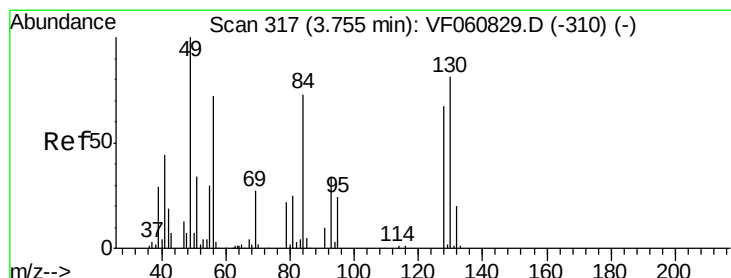
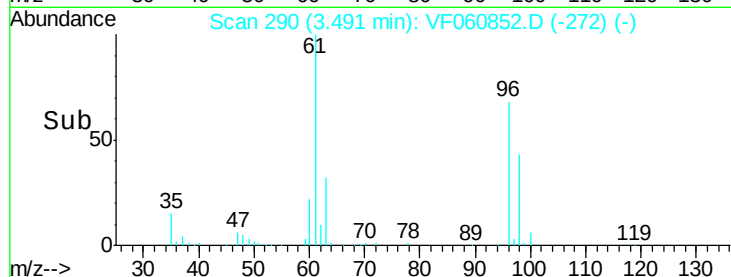
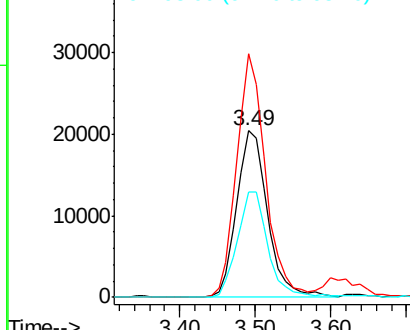
Tgt Ion:	96	Resp:	57685
Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	290.6
98	63.0	0.0	137.8

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Abundance Ion 96.00 (95.70 to 96.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 98.00 (97.70 to 98.70): VF0



#28

Bromochloromethane

Concen: 20.56 ug/l

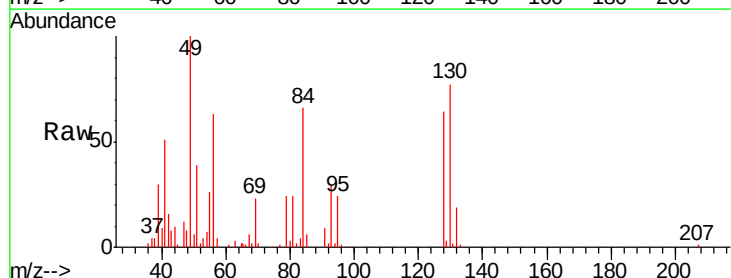
RT: 3.74 min Scan# 315

Delta R.T. -0.02 min

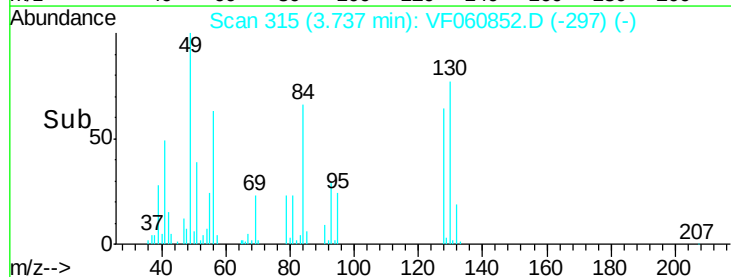
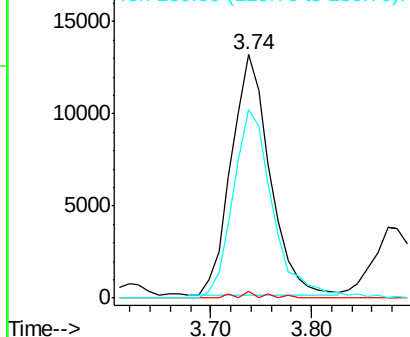
Lab File: VF060852.D

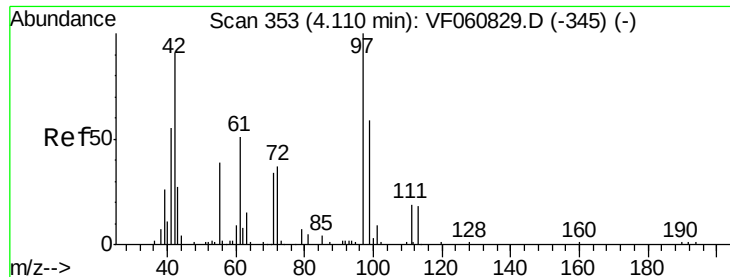
Acq: 28 Nov 2018 12:22

Tgt Ion:	49	Resp:	34852
Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	4.4
130	77.4	64.2	96.4



Abundance Ion 49.00 (48.70 to 49.70): VF0
Ion 129.00 (128.70 to 129.70): V
Ion 130.00 (129.70 to 130.70): V





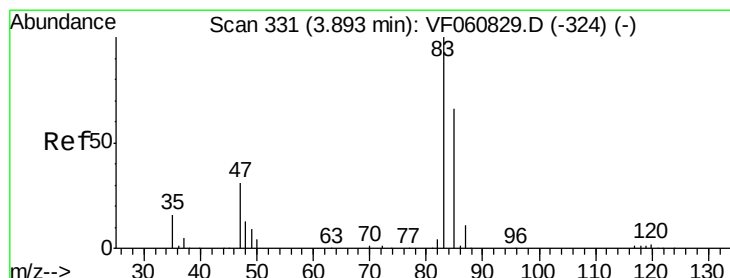
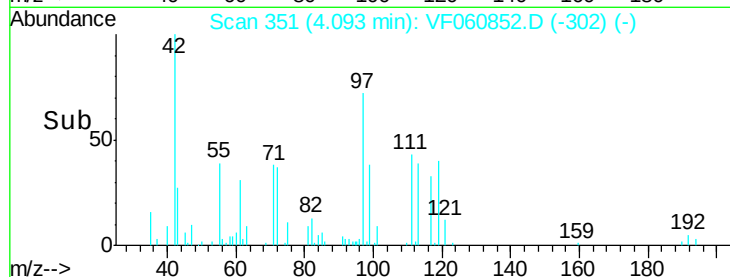
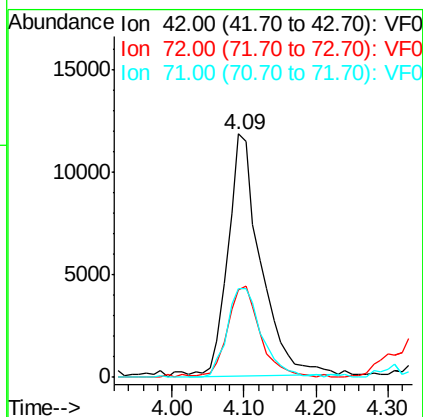
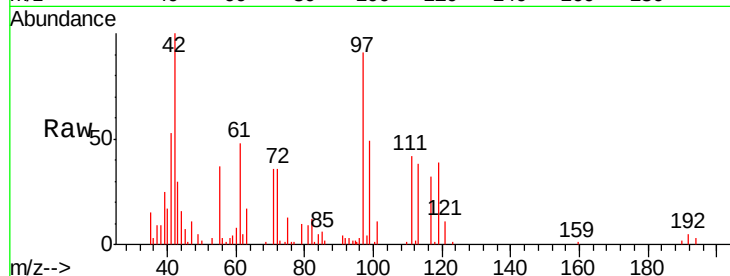
#29
Tetrahydrofuran
Concen: 106.46 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.0	31.9	47.9
71	38.8	28.7	43.1

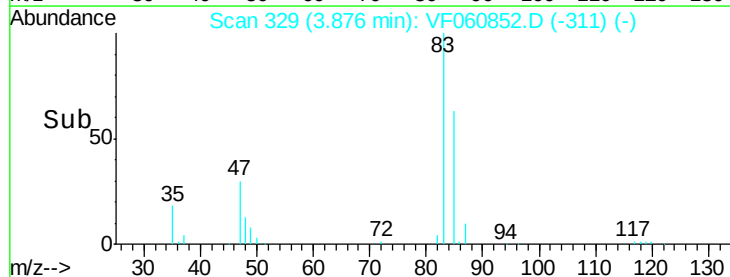
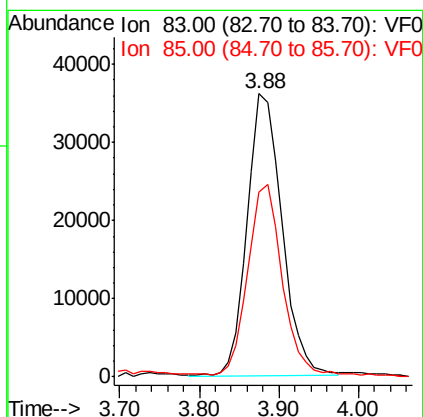
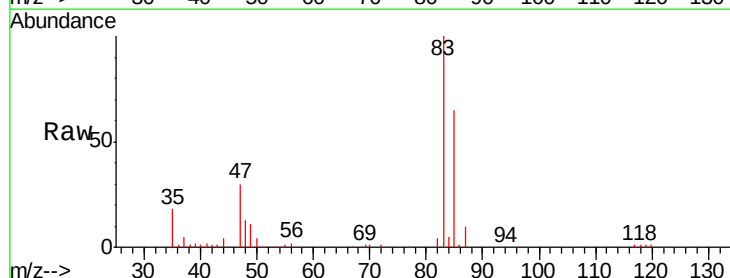
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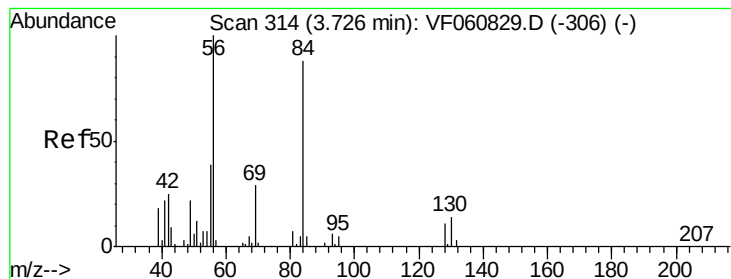
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#30
Chloroform
Concen: 20.08 ug/l
RT: 3.88 min Scan# 329
Delta R.T. -0.02 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.4	80.2





#31

Cyclohexane

Concen: 21.19 ug/l m

RT: 3.71 min Scan# 312

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 56 Resp: 77678

Ion Ratio Lower Upper

56 100

69 34.5 23.0 34.4#

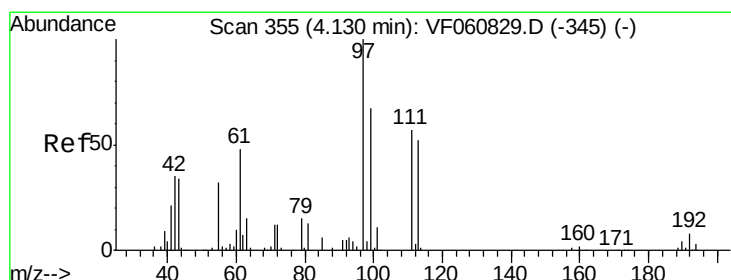
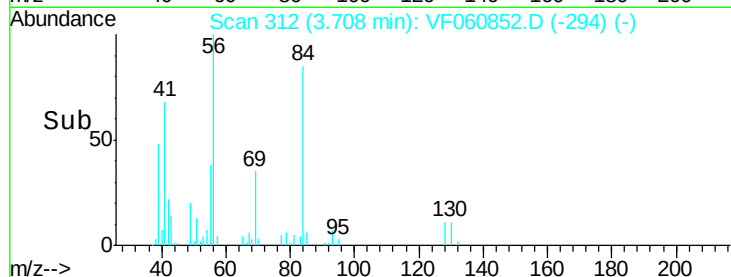
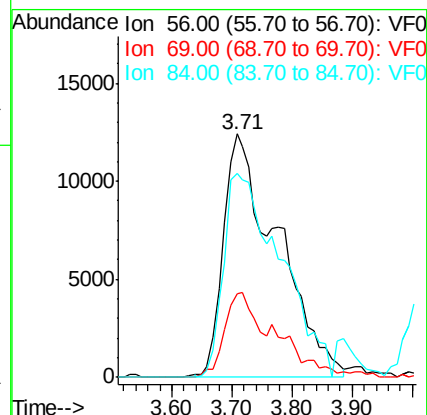
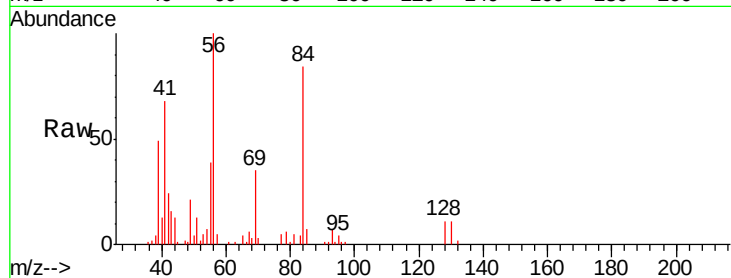
84 83.9 70.4 105.6

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#32

1,1,1-Trichloroethane

Concen: 20.30 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

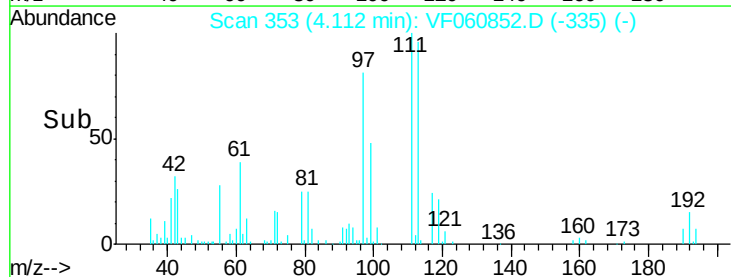
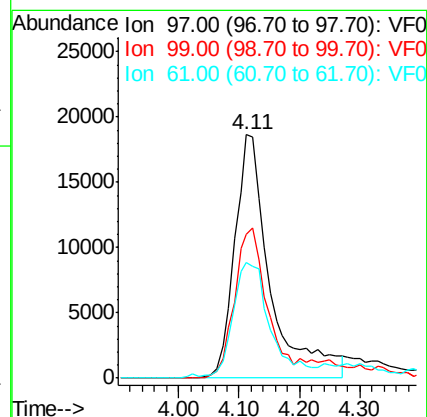
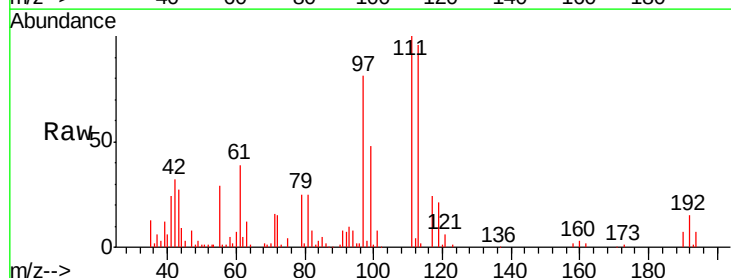
Tgt Ion: 97 Resp: 76510

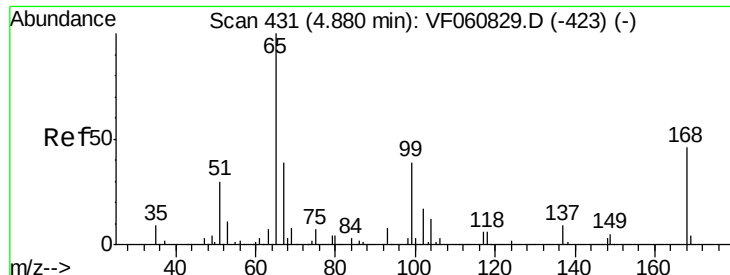
Ion Ratio Lower Upper

97 100

99 58.9 53.5 80.3

61 47.6 38.6 58.0





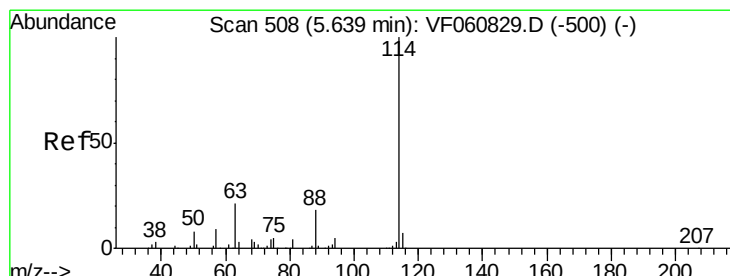
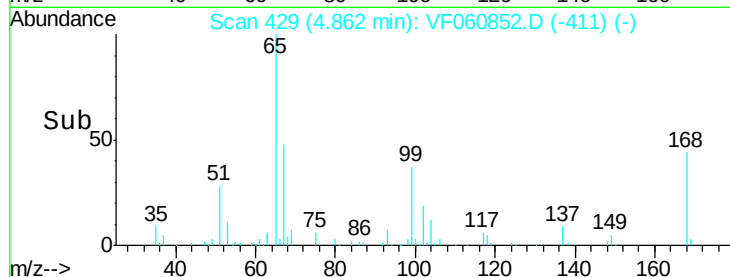
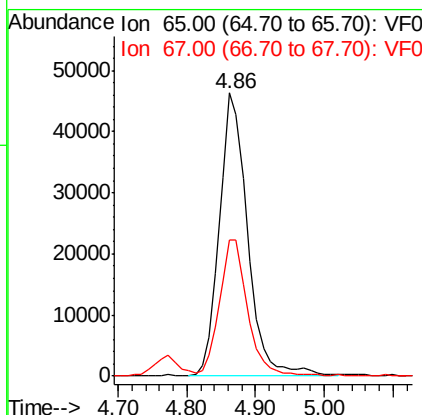
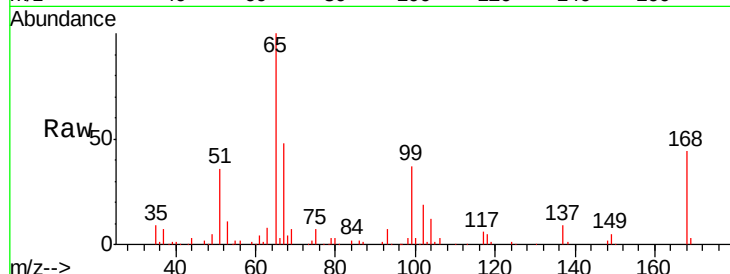
#33
 1,2-Dichloroethane-d4
 Concen: 50.75 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. -0.02 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1128SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	132102		
67	48.2	0.0	96.4	

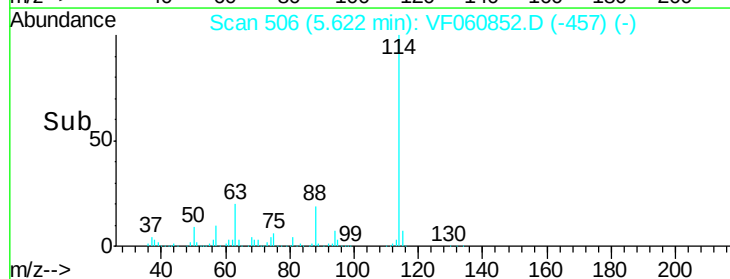
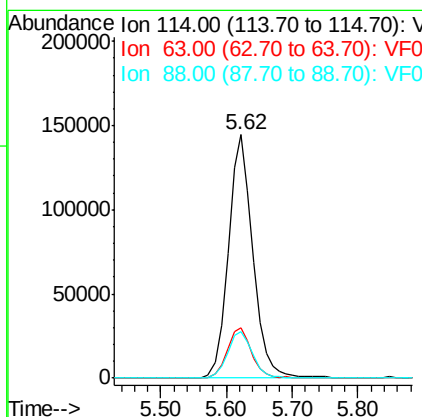
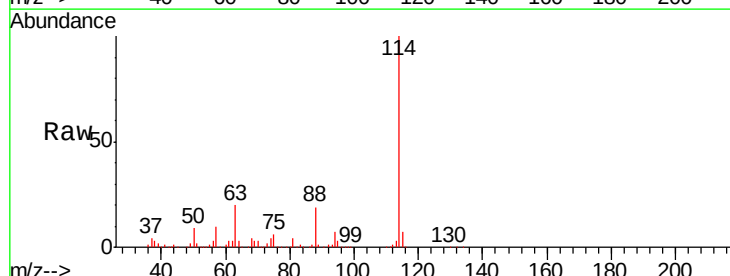
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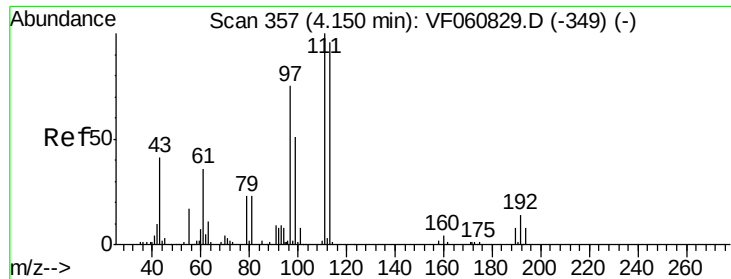
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.62 min Scan# 506
 Delta R.T. -0.02 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	376389		
63	20.4	0.0	41.6	
88	19.1	0.0	36.6	





#35

Dibromofluoromethane

Concen: 48.59 ug/l

RT: 4.13 min Scan# 355

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

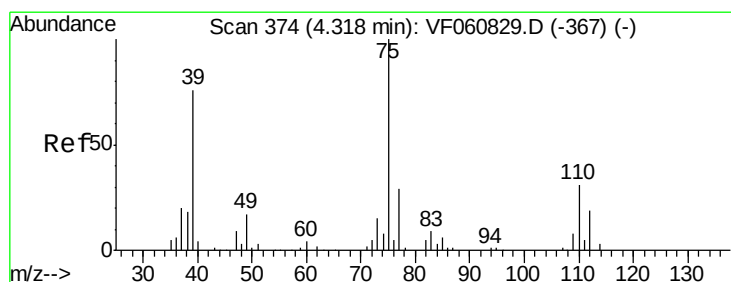
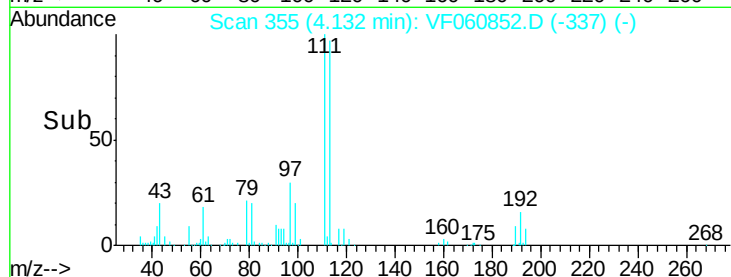
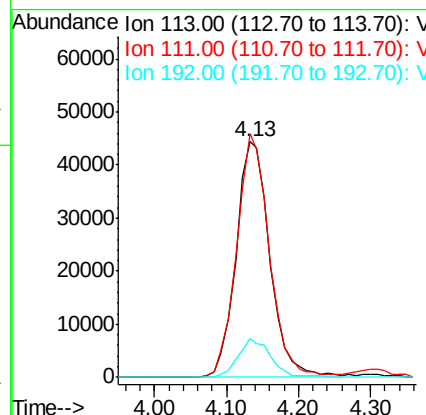
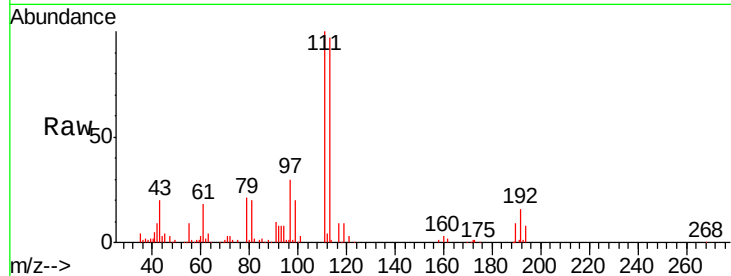
ClientSampleId :

VF1128SBS01

Tgt Ion:	113	Resp:	145090
Ion Ratio	Lower	Upper	
113	100		
111	103.3	83.0	124.6
192	16.3	12.3	18.5

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#36

1,1-Dichloropropene

Concen: 19.79 ug/l

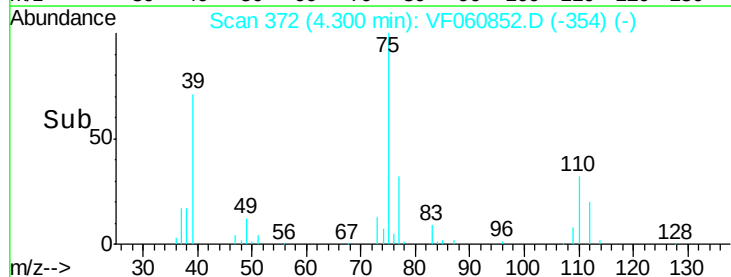
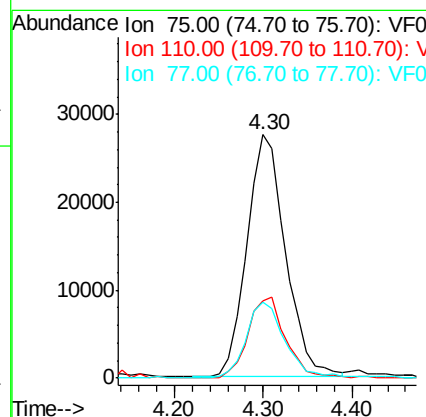
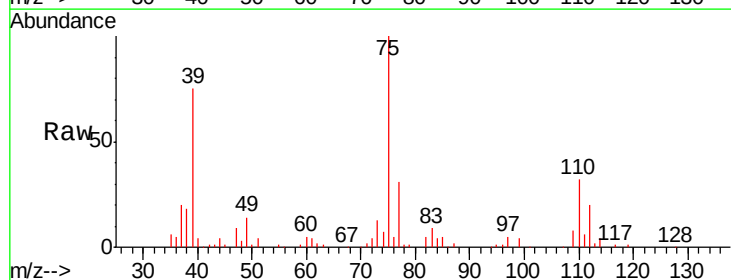
RT: 4.30 min Scan# 372

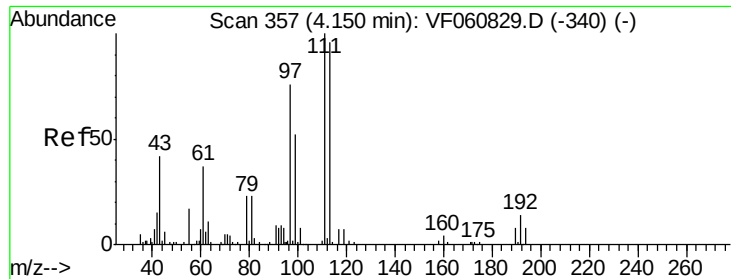
Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion:	75	Resp:	82598
Ion Ratio	Lower	Upper	
75	100		
110	31.5	15.6	46.8
77	31.4	23.4	35.0





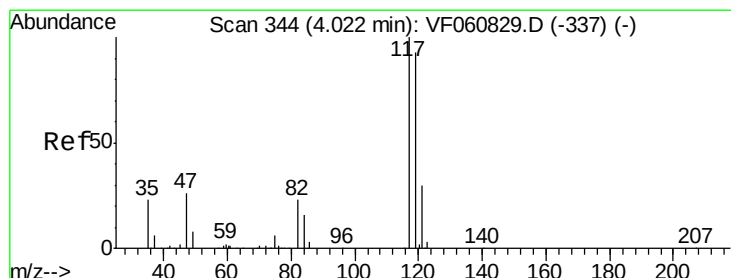
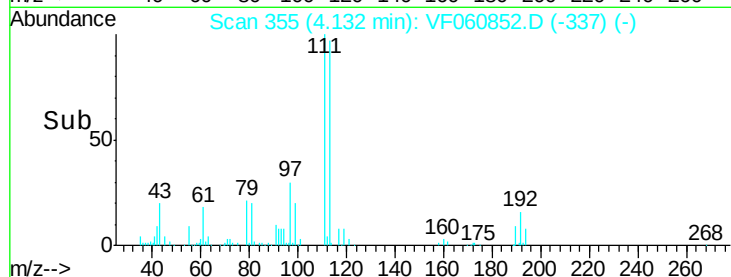
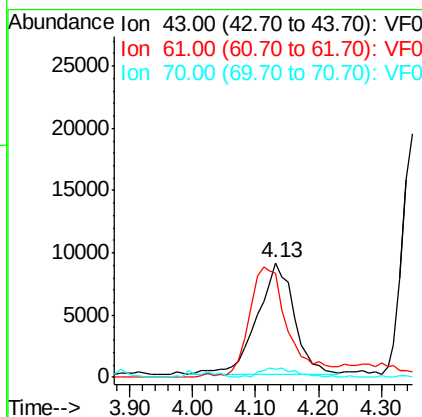
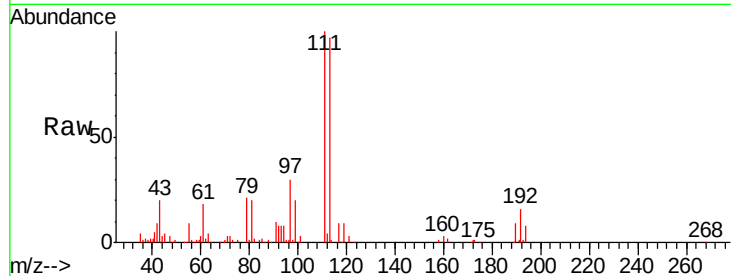
#37
Ethyl Acetate
Concen: 21.52 ug/l
RT: 4.13 min Scan# 355
Delta R.T. -0.02 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	36504		
61	91.0	68.6	103.0	
70	6.5	9.0	13.4#	

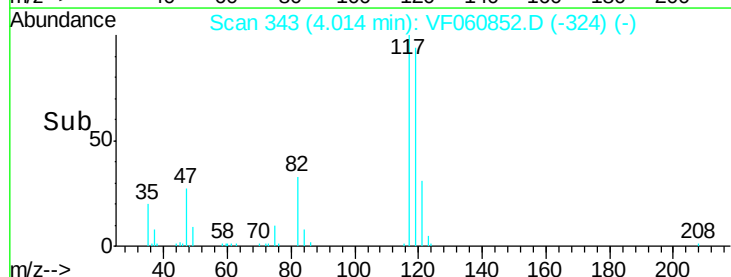
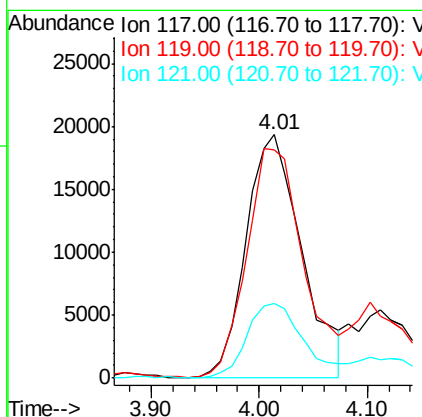
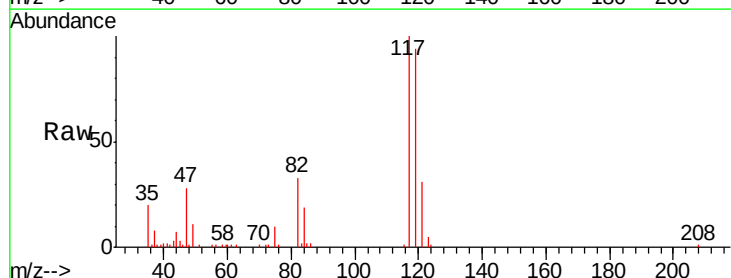
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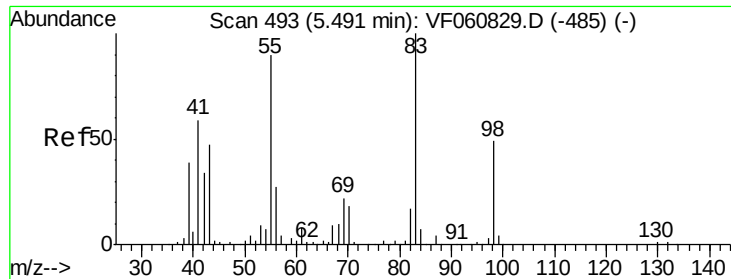
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#38
Carbon Tetrachloride
Concen: 18.91 ug/l
RT: 4.01 min Scan# 343
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	69717		
119	93.6	74.4	111.6	
121	30.7	23.5	35.3	





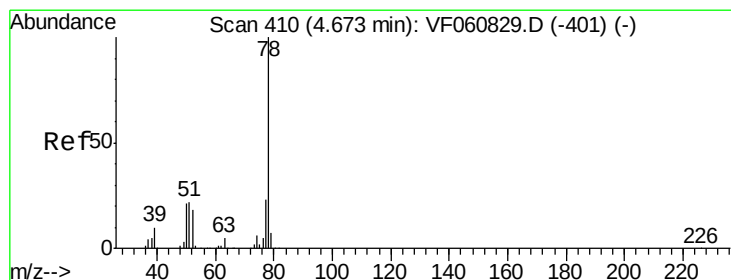
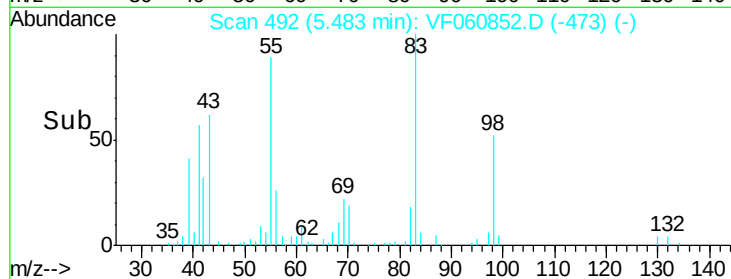
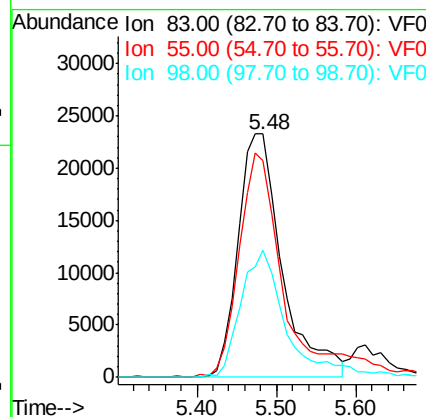
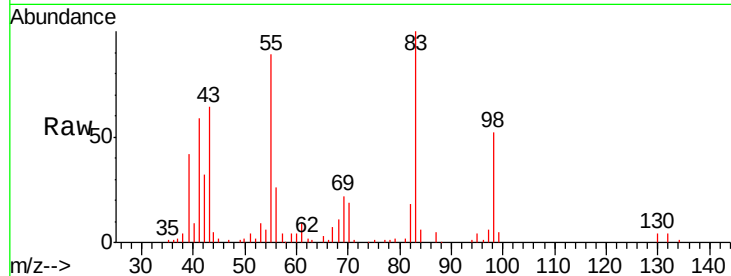
#39
Methylcyclohexane
Concen: 20.47 ug/l
RT: 5.48 min Scan# 492
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	89.0	72.1	108.1
98	52.1	39.1	58.7

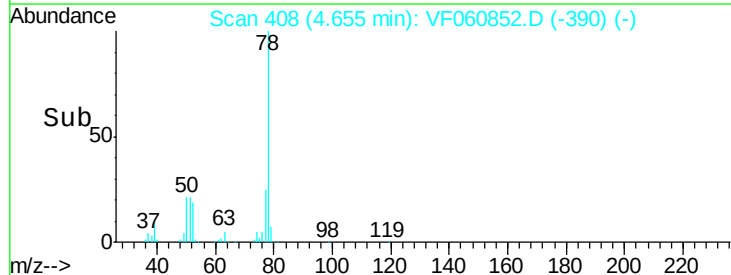
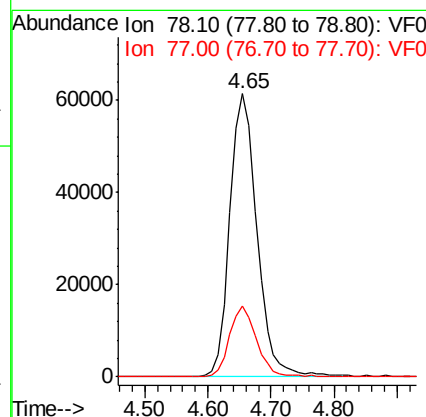
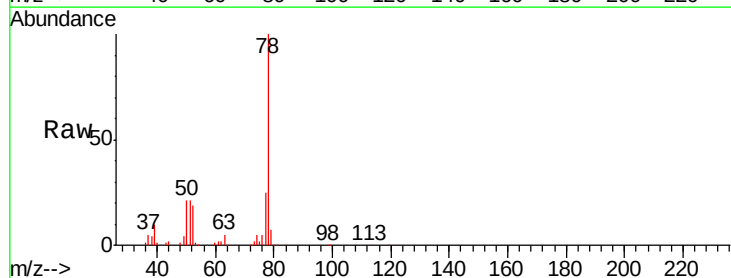
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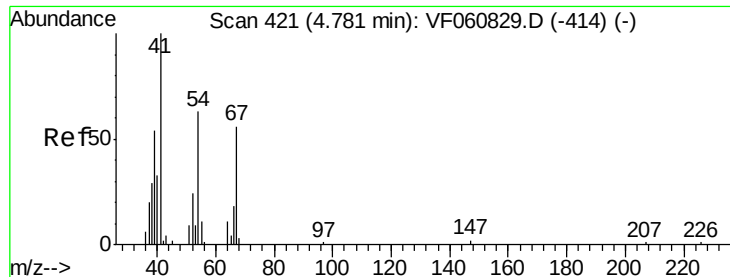
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#40
Benzene
Concen: 19.92 ug/l
RT: 4.65 min Scan# 408
Delta R.T. -0.02 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	18.7	28.1





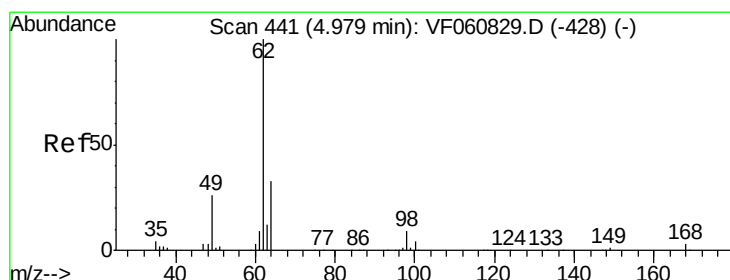
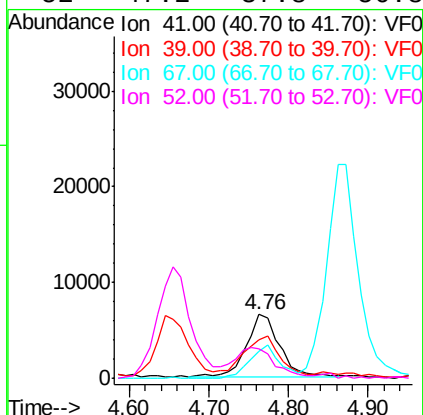
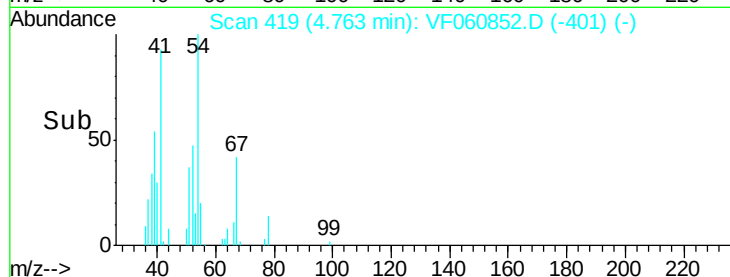
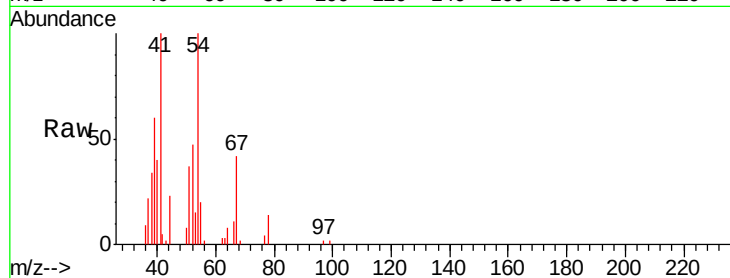
#41
Methacrylonitrile
Concen: 19.12 ug/l
RT: 4.76 min Scan# 419
Delta R.T. -0.02 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	60.2	53.0	79.6	
67	41.8	43.8	65.6	
52	47.2	37.8	56.8	

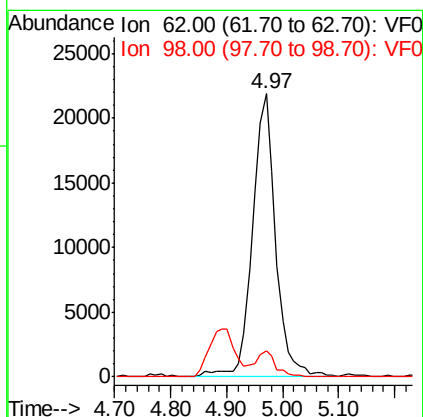
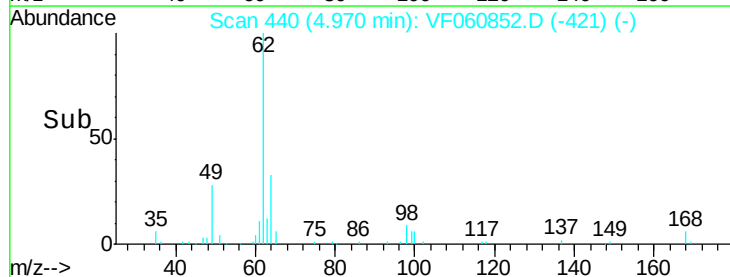
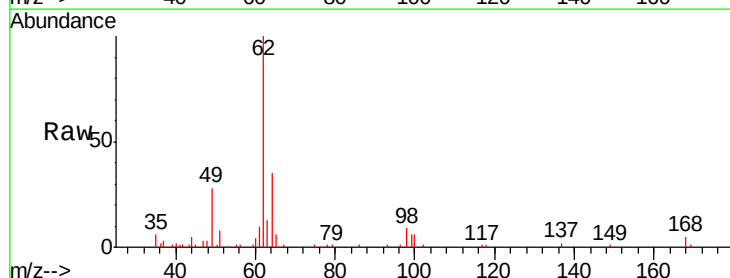
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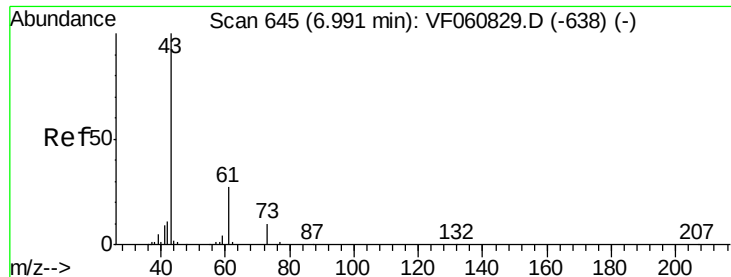
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#42
1,2-Dichloroethane
Concen: 18.62 ug/l
RT: 4.97 min Scan# 440
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	17.2	





#43

Isopropyl Acetate

Concen: 19.97 ug/l

RT: 6.98 min Scan# 644

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

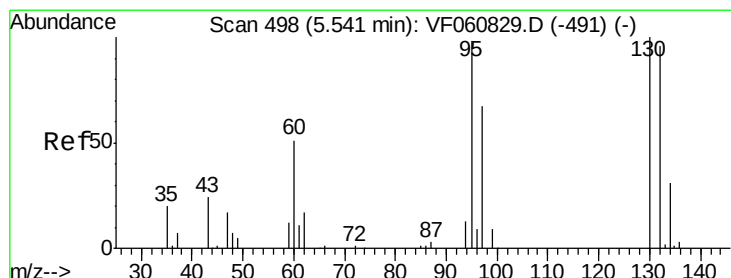
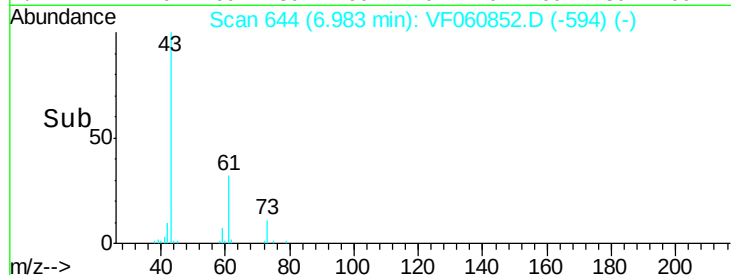
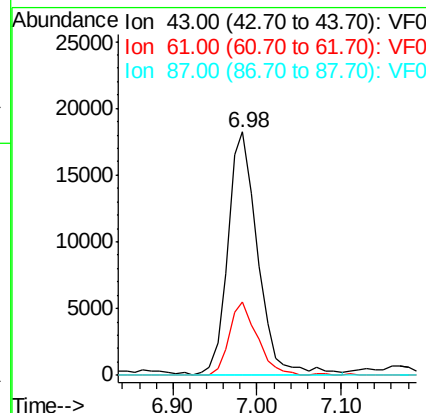
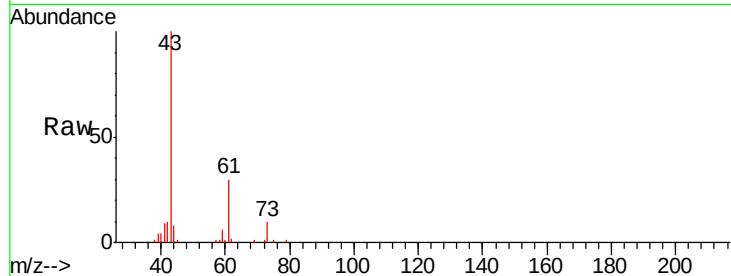
ClientSampleId :

VF1128SBS01

Tgt Ion:	43	Resp:	45225
Ion Ratio	Lower	Upper	
43	100		
61	29.9	21.4	32.0
87	0.0	0.2	0.4#

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#44

Trichloroethene

Concen: 21.01 ug/l

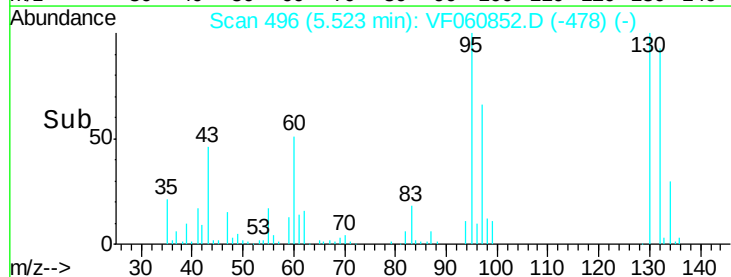
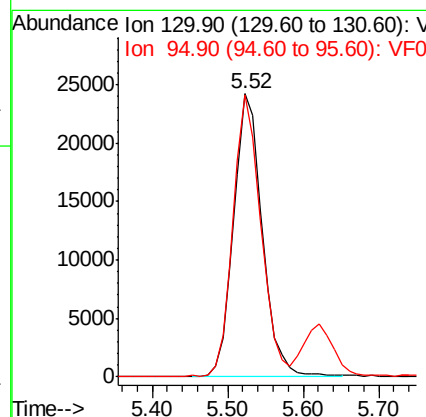
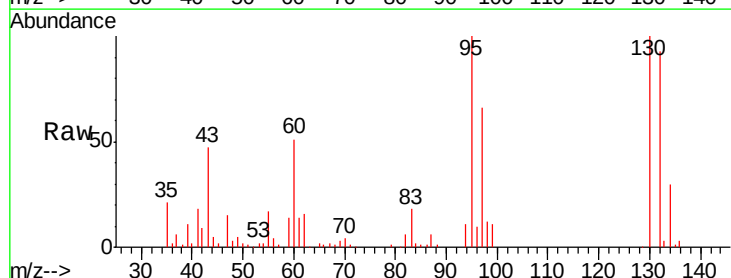
RT: 5.52 min Scan# 496

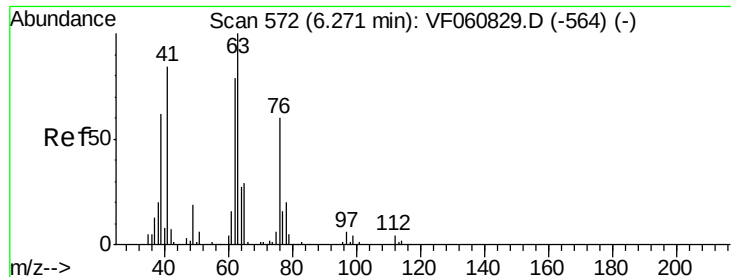
Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion:	130	Resp:	63363
Ion Ratio	Lower	Upper	
130	100		
95	99.8	0.0	195.6





#45

1,2-Dichloropropane

Concen: 20.63 ug/l

RT: 6.26 min Scan# 571

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 63 Resp: 49426

Ion Ratio Lower Upper

63 100

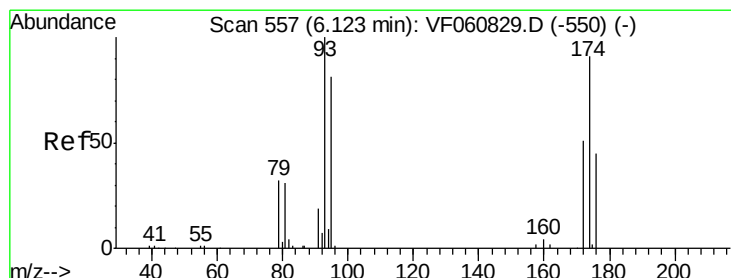
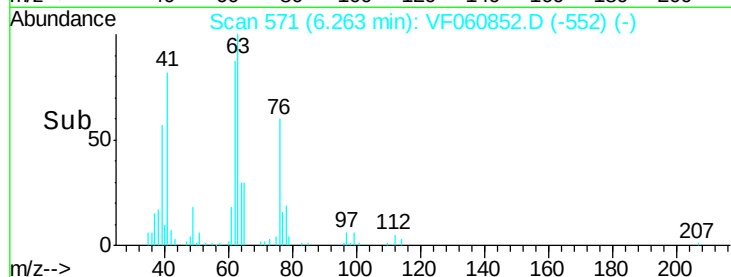
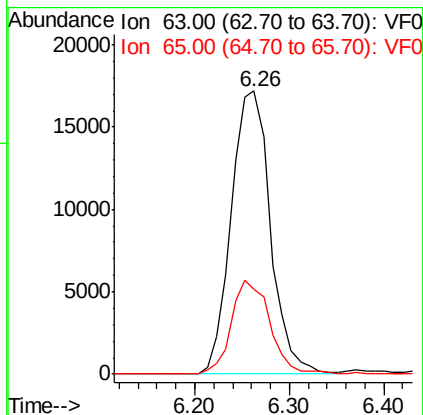
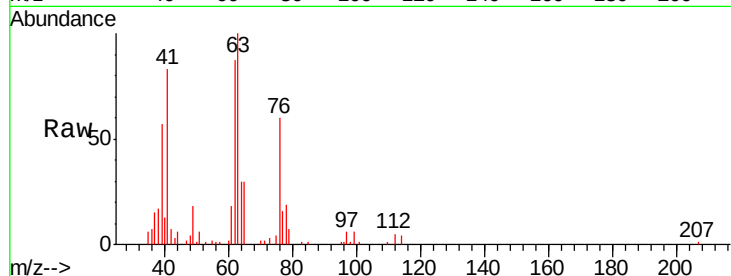
65 29.9 23.2 34.8

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#46

Dibromomethane

Concen: 18.72 ug/l

RT: 6.10 min Scan# 555

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

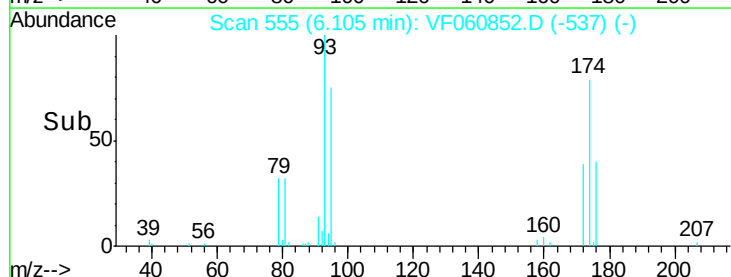
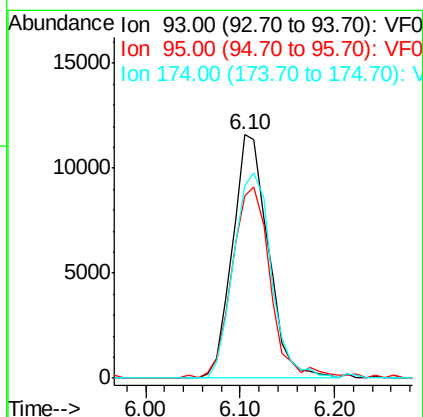
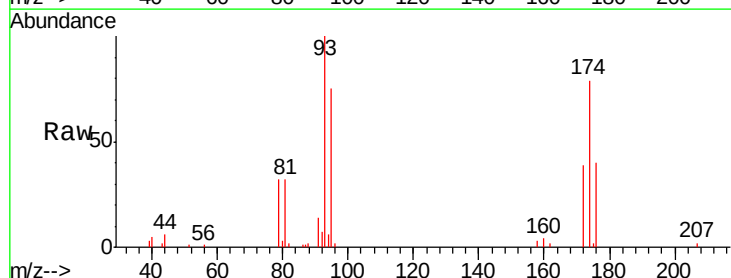
Tgt Ion: 93 Resp: 30420

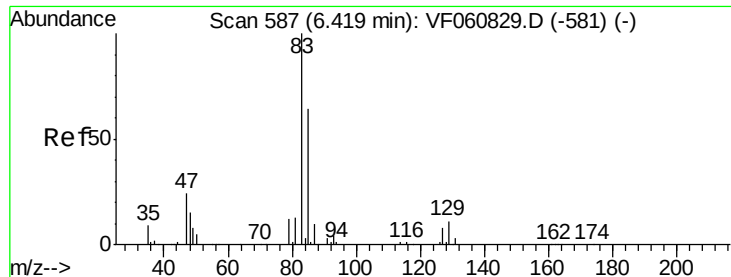
Ion Ratio Lower Upper

93 100

95 75.0 64.7 97.1

174 79.0 73.0 109.6





#47

Bromodichloromethane

Concen: 19.15 ug/l

RT: 6.41 min Scan# 586

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

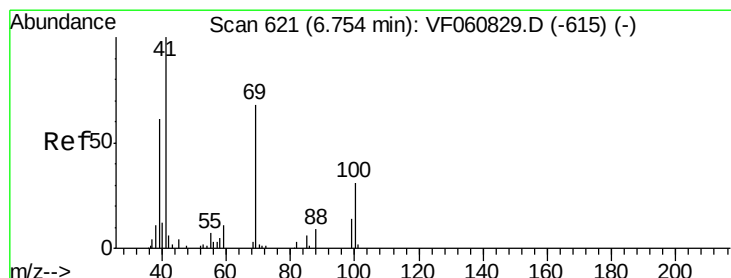
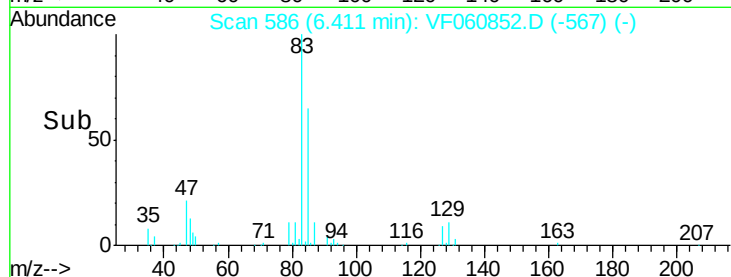
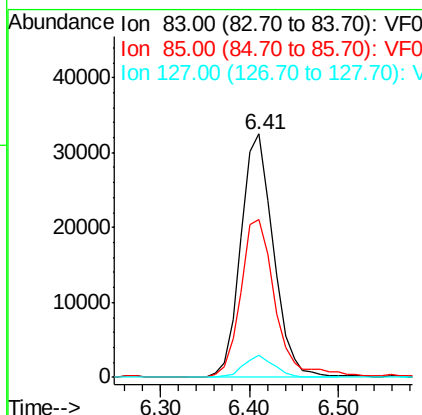
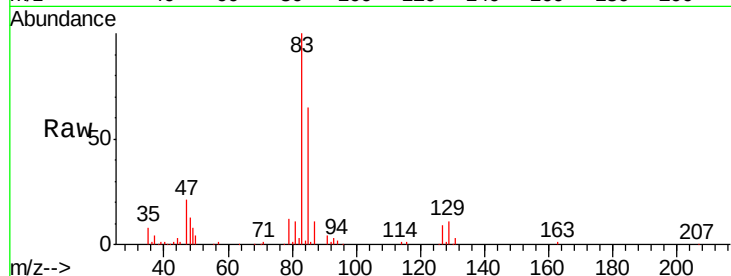
ClientSampleId :

VF1128SBS01

Tgt Ion:	83	Resp:	82626
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.1	76.7
127	8.9	6.8	10.2

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#48

Methyl methacrylate

Concen: 18.86 ug/l

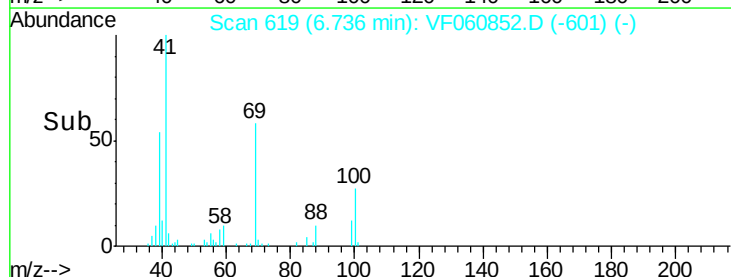
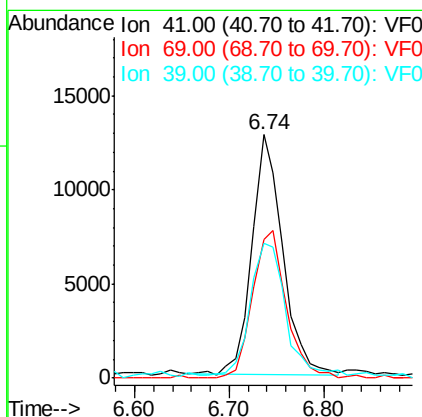
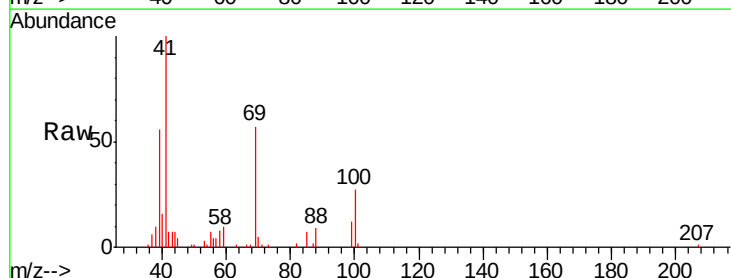
RT: 6.74 min Scan# 619

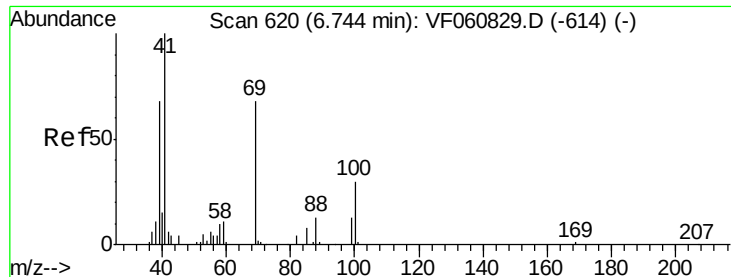
Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion:	41	Resp:	28959
Ion Ratio	Lower	Upper	
41	100		
69	57.0	53.9	80.9
39	55.6	49.0	73.6





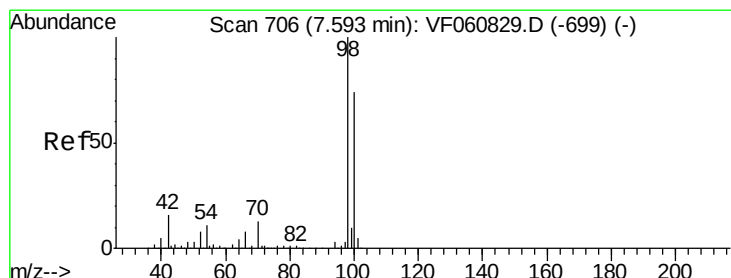
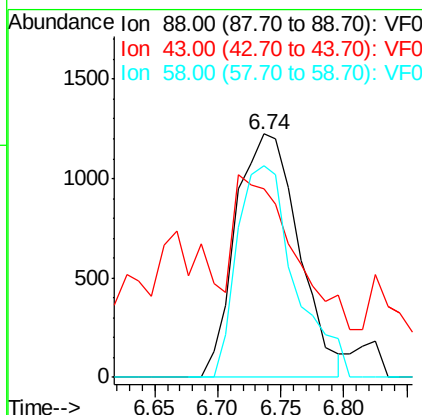
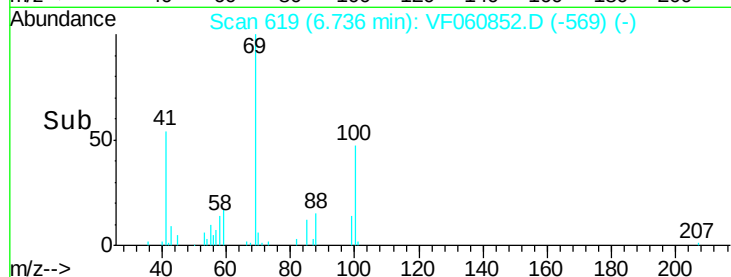
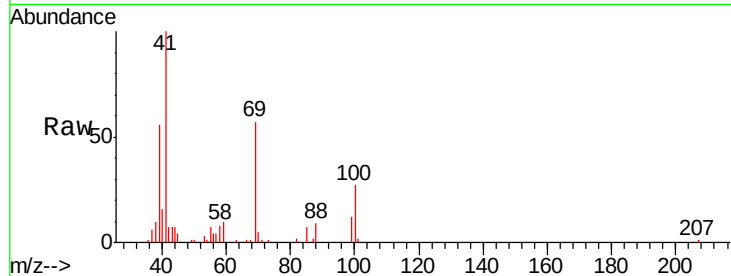
#49
1,4-Dioxane
Concen: 377.53 ug/l
RT: 6.74 min Scan# 619
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	77.2	42.0	63.0#
58	86.8	61.8	92.8

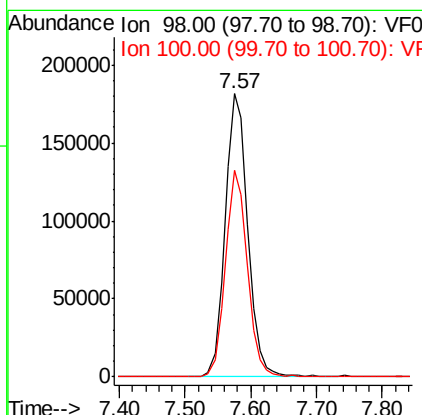
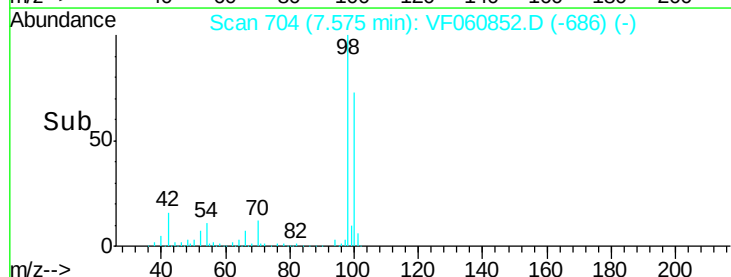
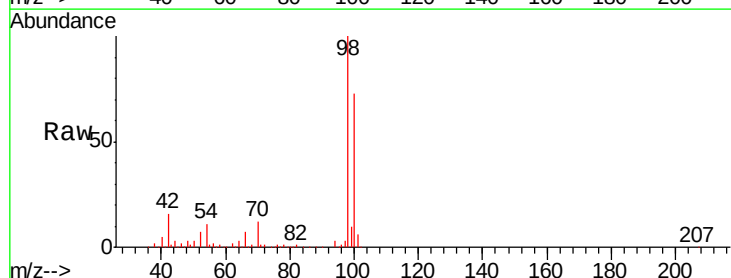
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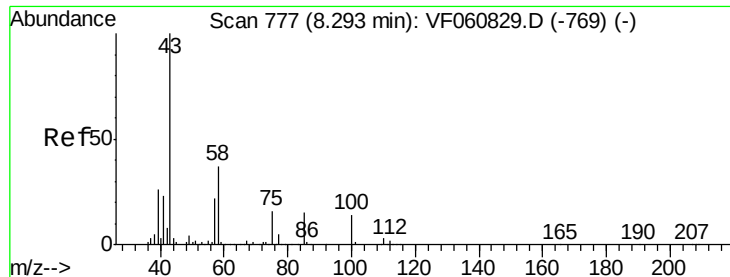
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#50
Toluene-d8
Concen: 49.63 ug/l
RT: 7.57 min Scan# 704
Delta R.T. -0.02 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	72.8	59.3	88.9





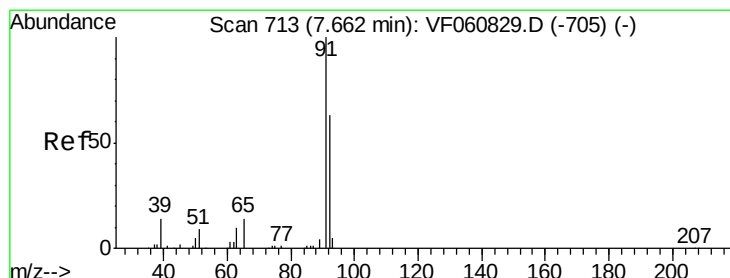
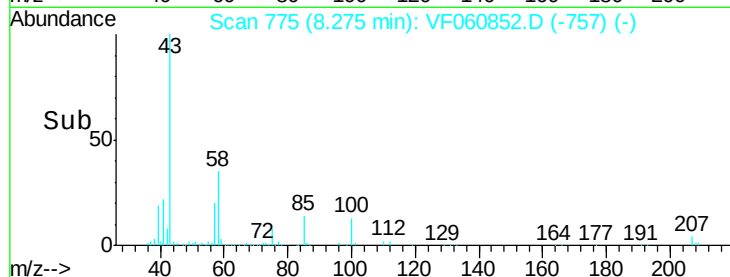
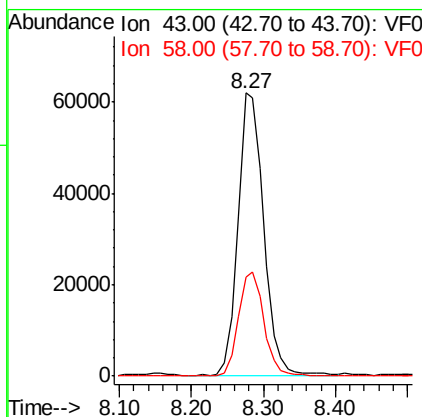
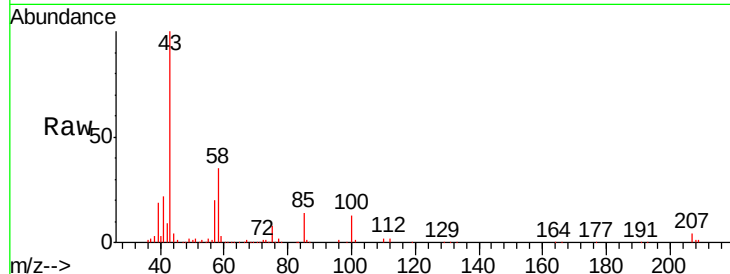
#51
 4-Methyl-2-Pentanone
 Concen: 99.38 ug/l
 RT: 8.27 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1128SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.2	29.7	44.5

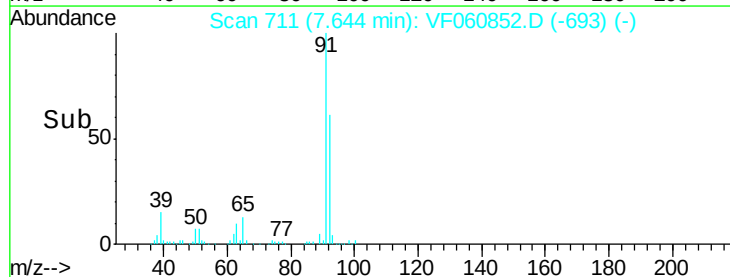
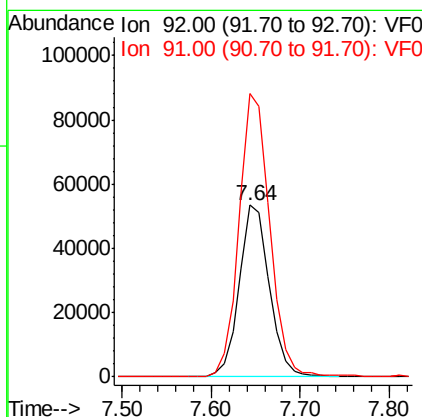
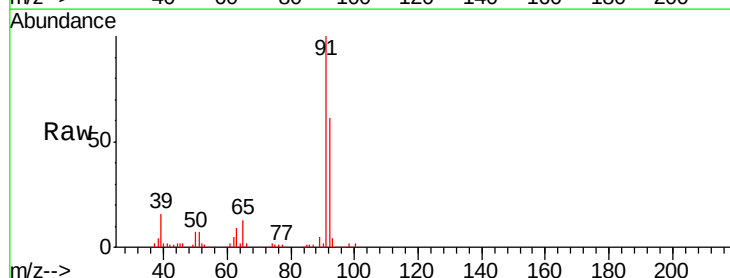
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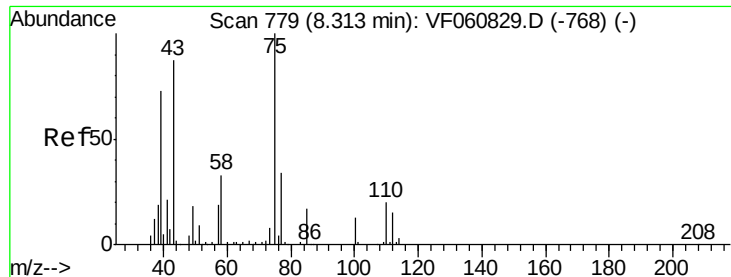
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#52
 Toluene
 Concen: 19.39 ug/l
 RT: 7.64 min Scan# 711
 Delta R.T. -0.02 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Lower	Upper
92	100		
91	164.6	126.2	189.2





#53

t-1,3-Dichloropropene

Concen: 18.49 ug/l

RT: 8.30 min Scan# 778

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 75 Resp: 64896

Ion Ratio Lower Upper

75 100

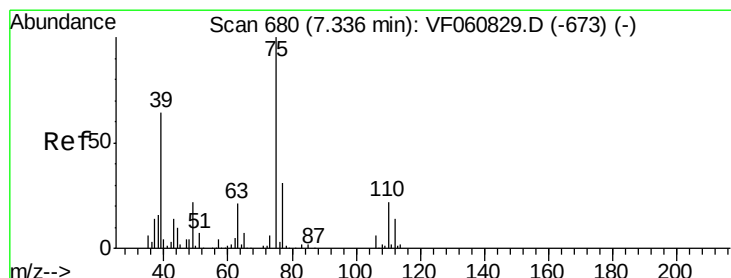
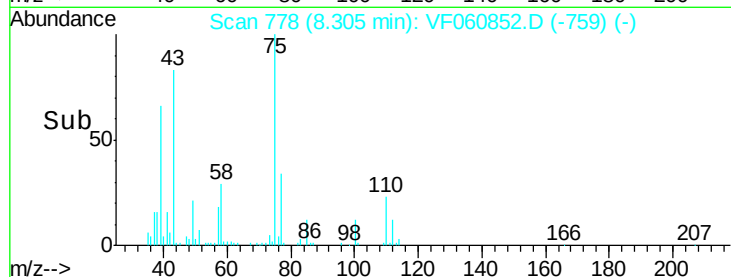
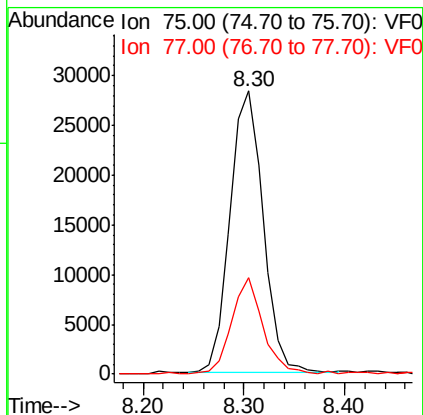
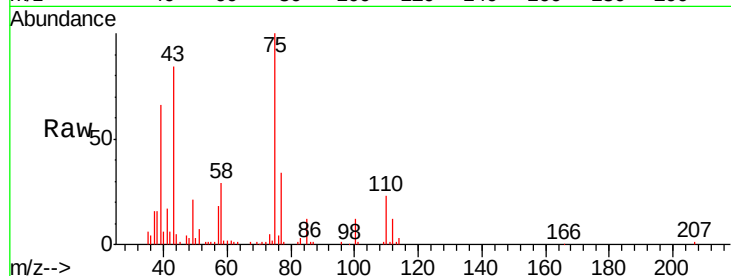
77 34.0 27.4 41.2

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#54

cis-1,3-Dichloropropene

Concen: 20.31 ug/l

RT: 7.33 min Scan# 679

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

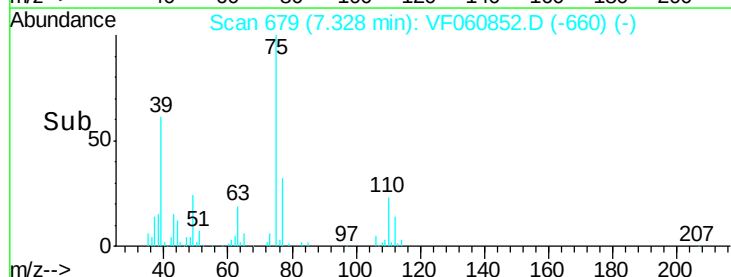
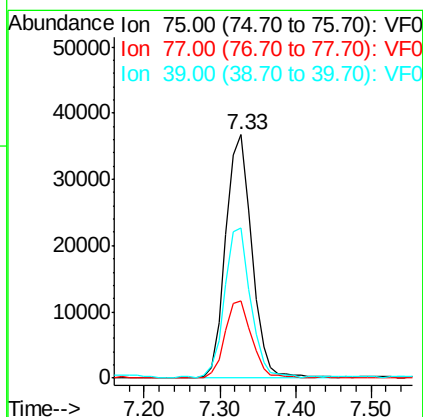
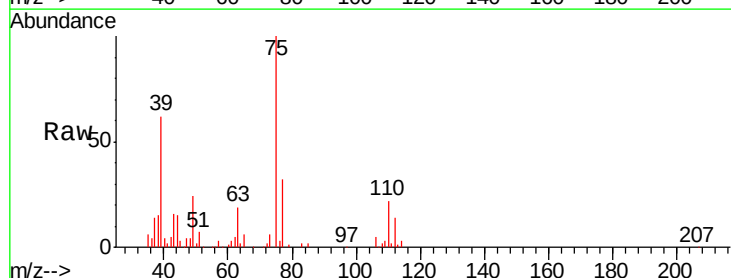
Tgt Ion: 75 Resp: 88263

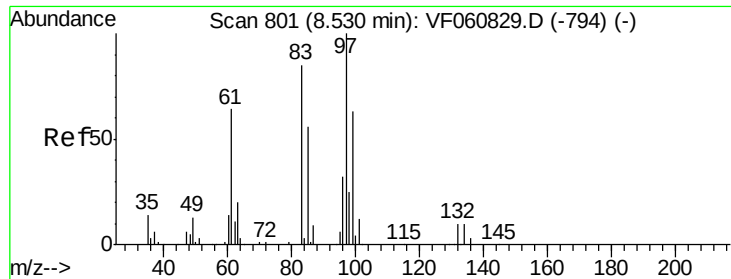
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 61.7 51.1 76.7





#55

1,1,2-Trichloroethane

Concen: 18.90 ug/l

RT: 8.51 min Scan# 799

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

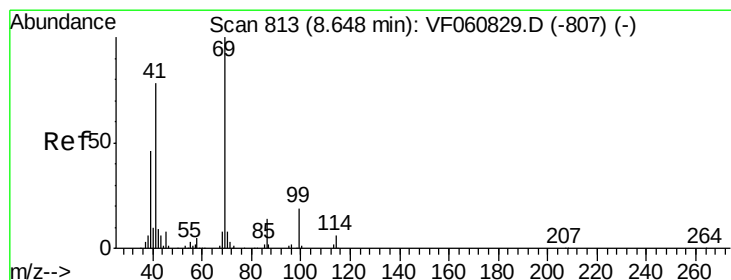
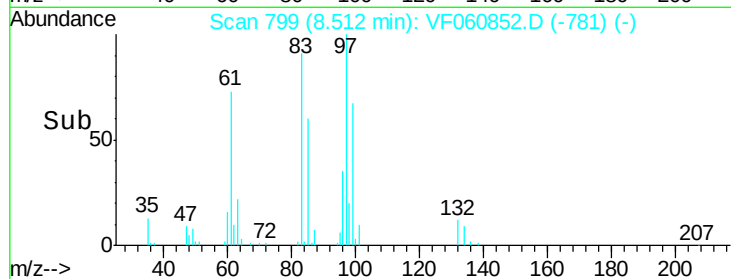
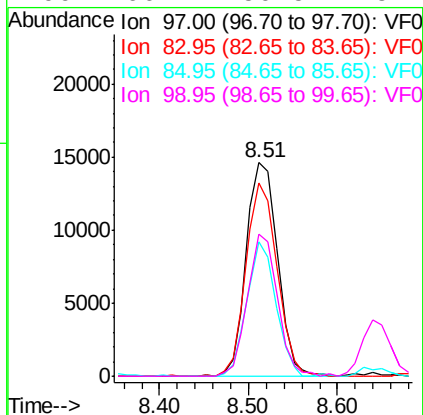
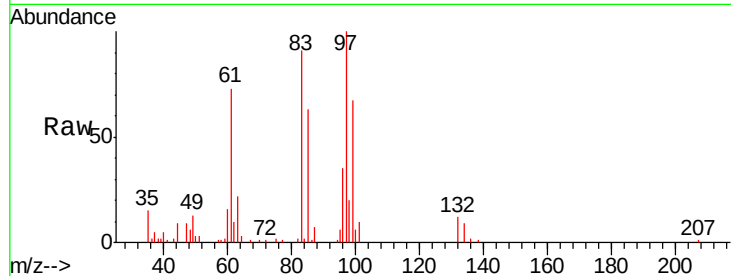
ClientSampleId :

VF1128SBS01

Tgt Ion:	97	Resp:	35672
Ion	Ratio	Lower	Upper
97	100		
83	90.6	67.8	101.6
85	63.0	45.0	67.6
99	66.7	50.5	75.7

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#56

Ethyl methacrylate

Concen: 20.23 ug/l

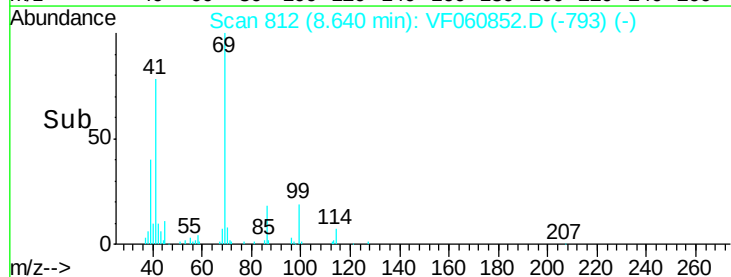
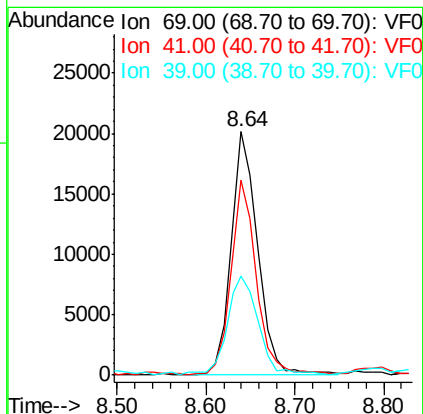
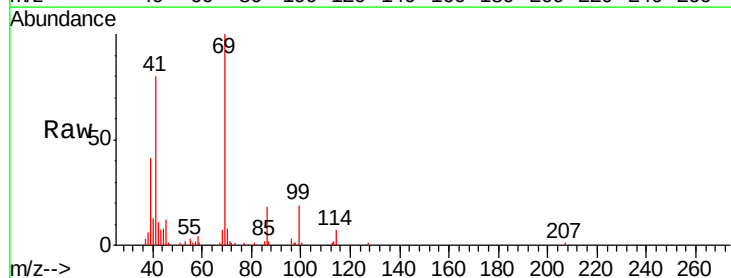
RT: 8.64 min Scan# 812

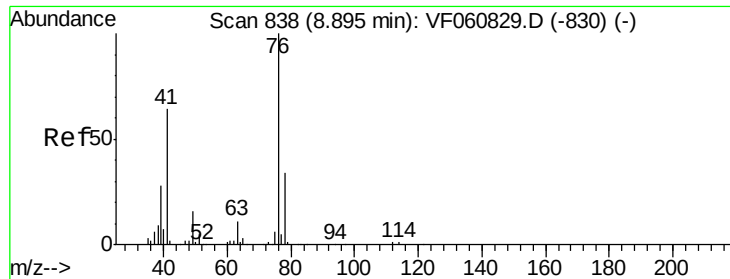
Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion:	69	Resp:	42425
Ion	Ratio	Lower	Upper
69	100		
41	80.1	62.6	94.0
39	40.7	37.8	56.6





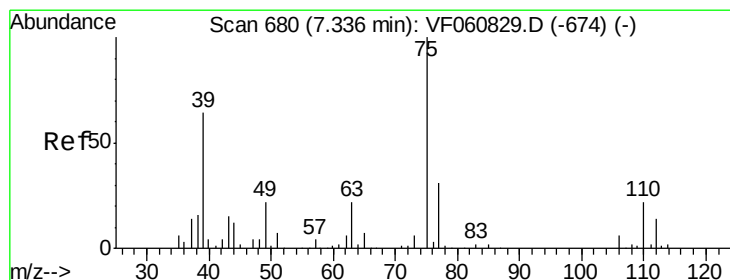
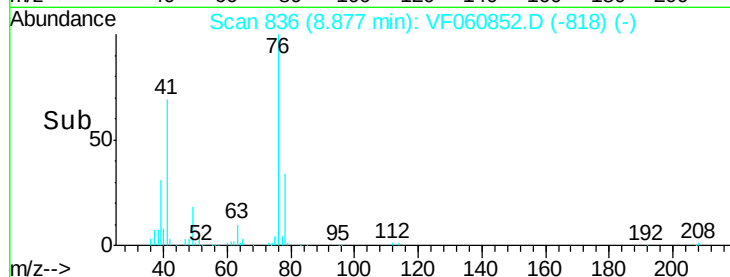
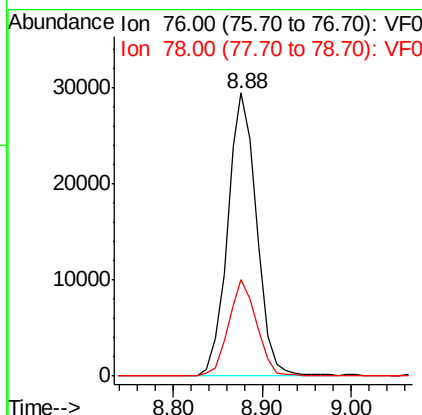
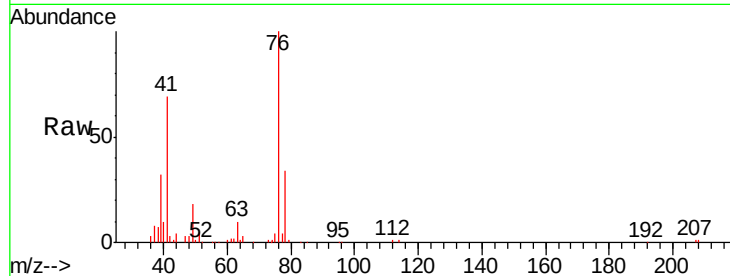
#57
 1,3-Dichloropropane
 Concen: 20.40 ug/l
 RT: 8.88 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1128SBS01

Tgt Ion: 76 Resp: 67376
 Ion Ratio Lower Upper
 76 100
 78 34.0 27.0 40.4

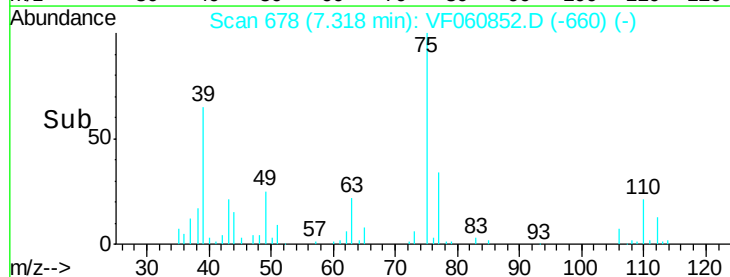
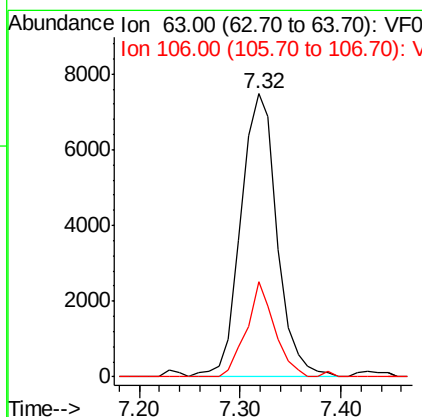
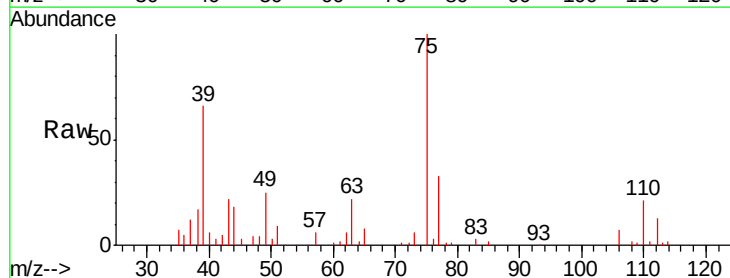
Manual Integrations
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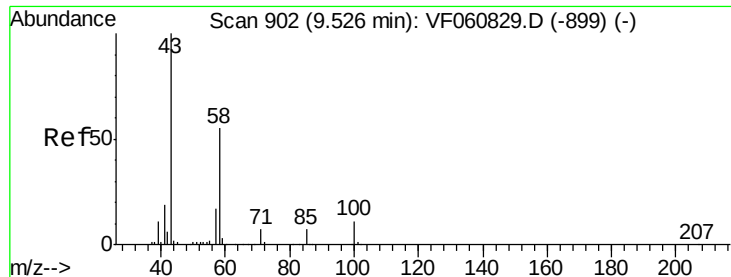
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 87.15 ug/l
 RT: 7.32 min Scan# 678
 Delta R.T. -0.02 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Tgt Ion: 63 Resp: 18693
 Ion Ratio Lower Upper
 63 100
 106 33.5 23.0 34.6





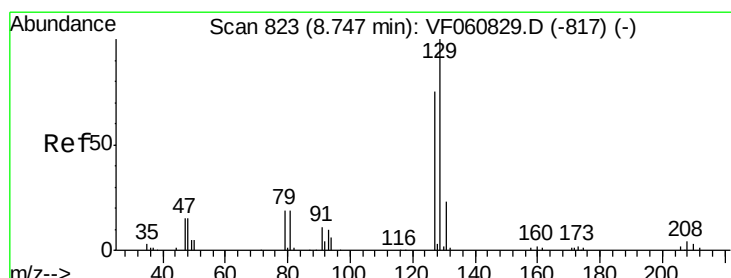
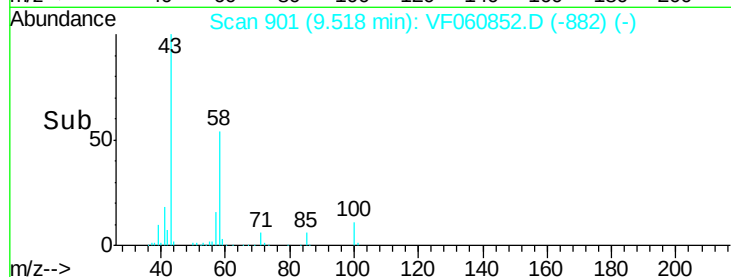
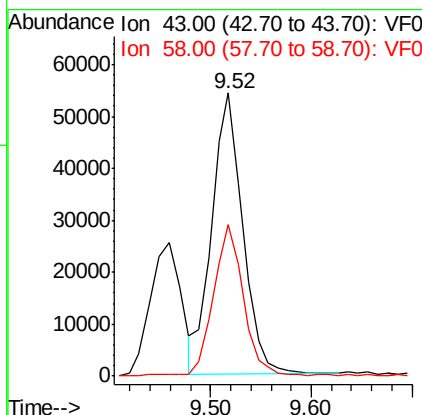
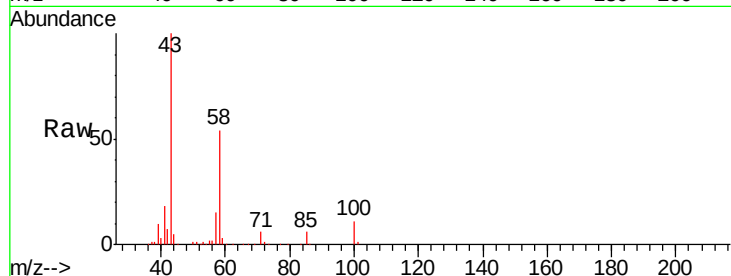
#59
2-Hexanone
Concen: 105.63 ug/l
RT: 9.52 min Scan# 901
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion: 43 Resp: 115939
Ion Ratio Lower Upper
43 100
58 53.6 25.6 76.6

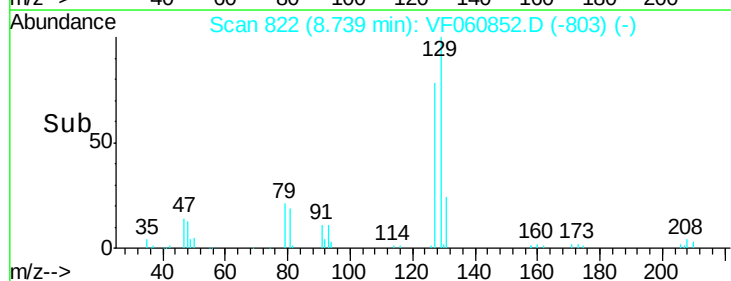
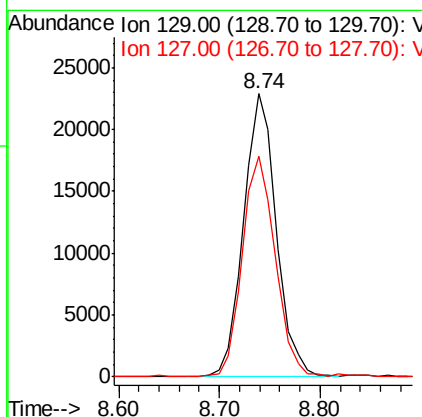
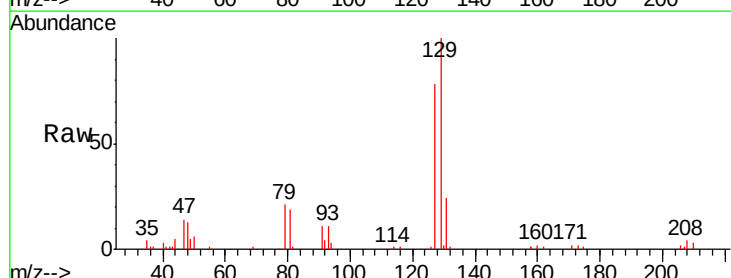
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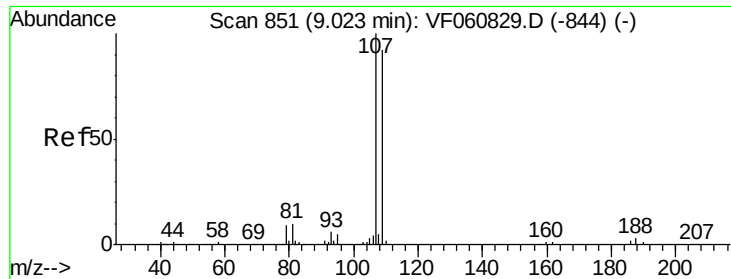
apatel
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#60
Dibromochloromethane
Concen: 18.47 ug/l
RT: 8.74 min Scan# 822
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion: 129 Resp: 51942
Ion Ratio Lower Upper
129 100
127 77.9 37.3 111.9





#61

1,2-Dibromoethane

Concen: 19.49 ug/l

RT: 9.01 min Scan# 850

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 107 Resp: 39736

Ion Ratio Lower Upper

107 100

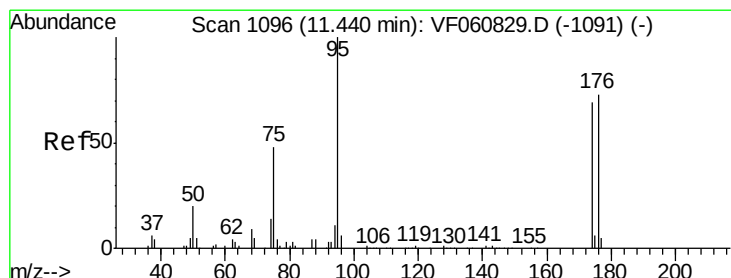
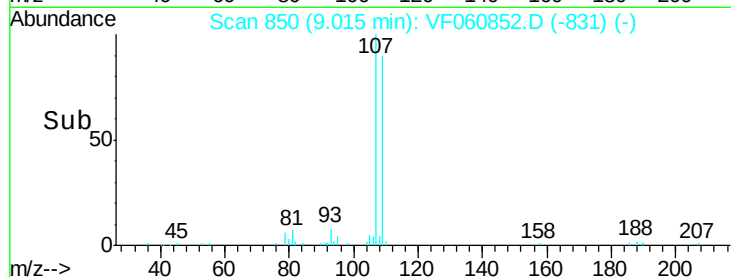
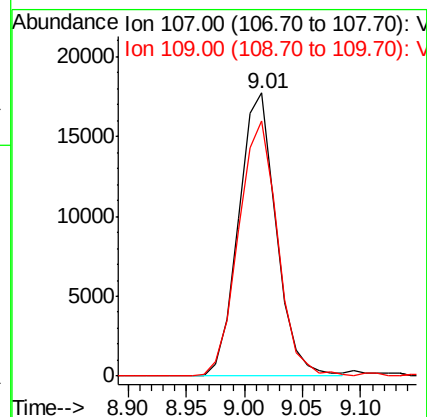
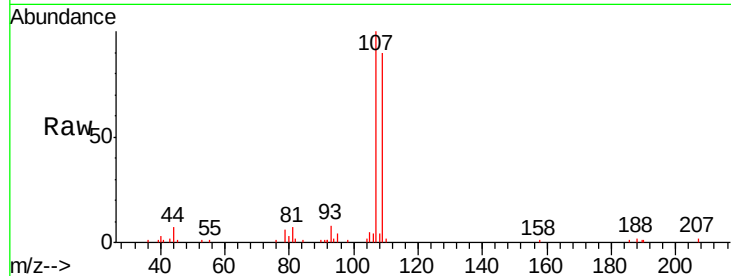
109 90.2 73.6 110.4

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.94 ug/l

RT: 11.43 min Scan# 1095

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

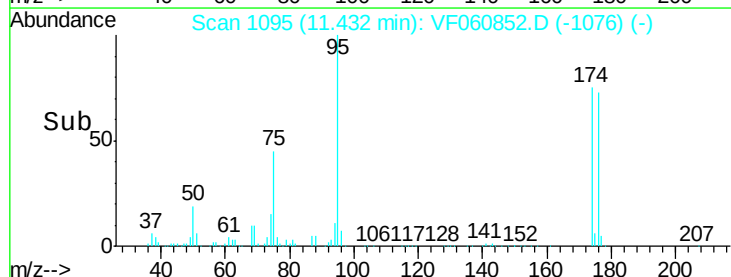
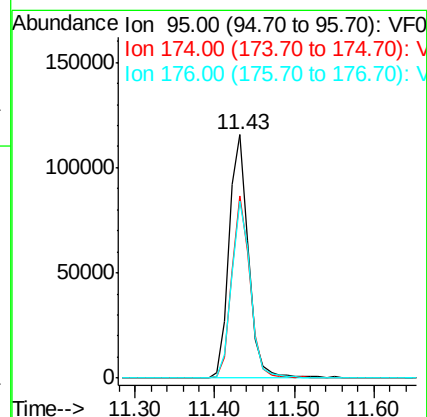
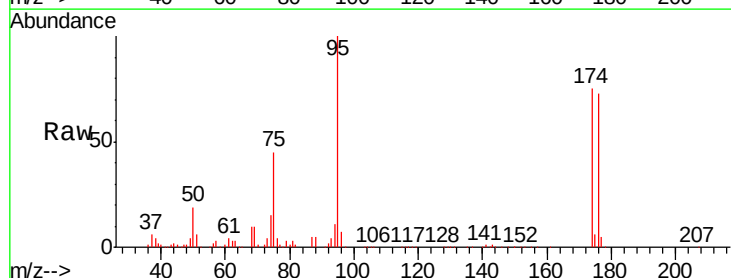
Tgt Ion: 95 Resp: 199643

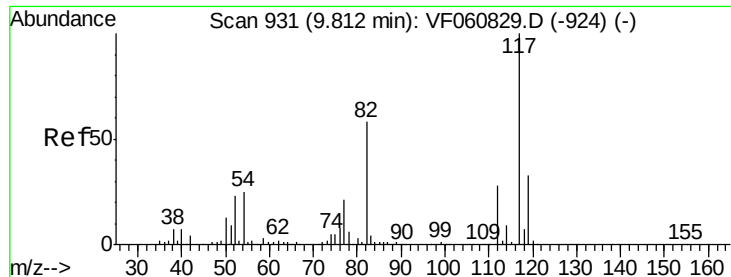
Ion Ratio Lower Upper

95 100

174 74.9 0.0 138.2

176 72.9 0.0 146.2





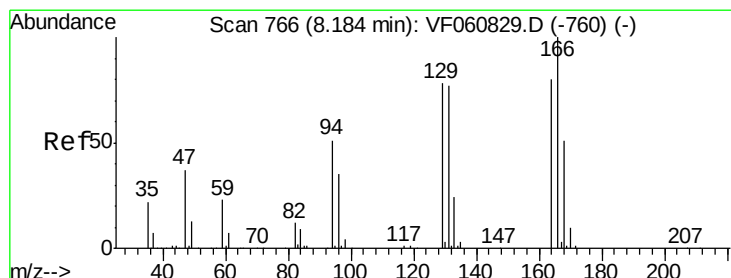
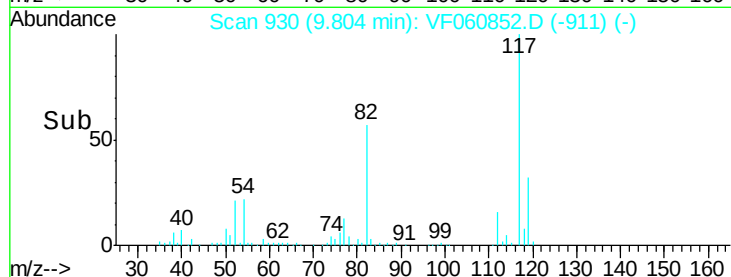
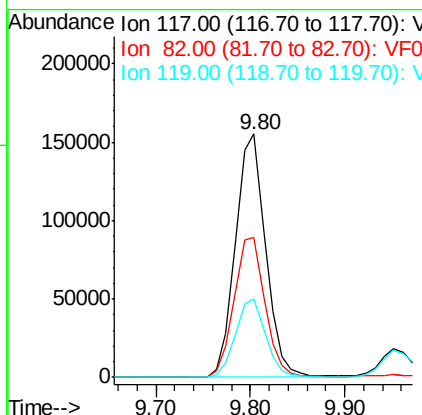
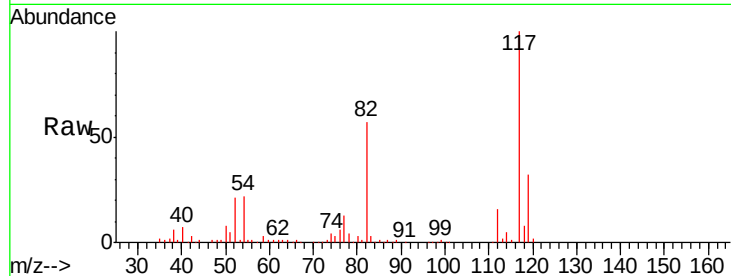
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.80 min Scan# 930
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	343754		
82	57.5	46.6	69.8	
119	32.4	26.4	39.6	

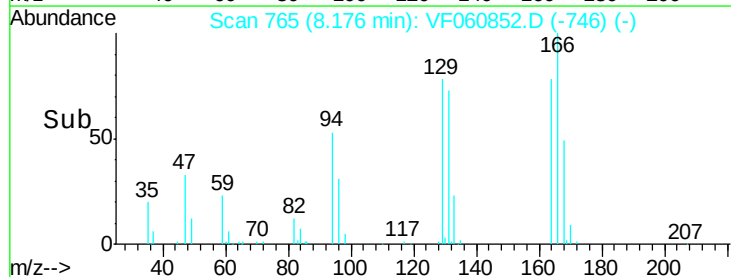
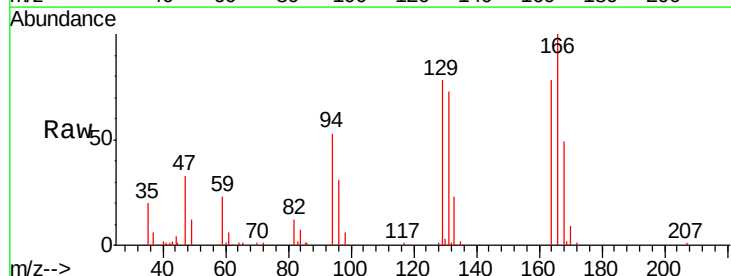
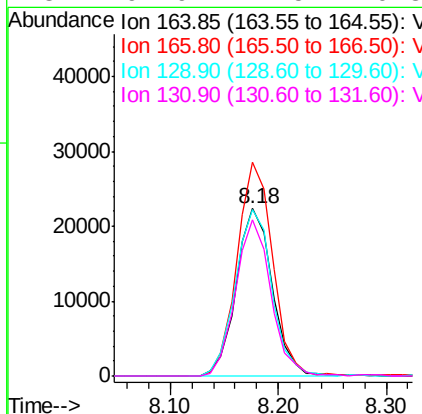
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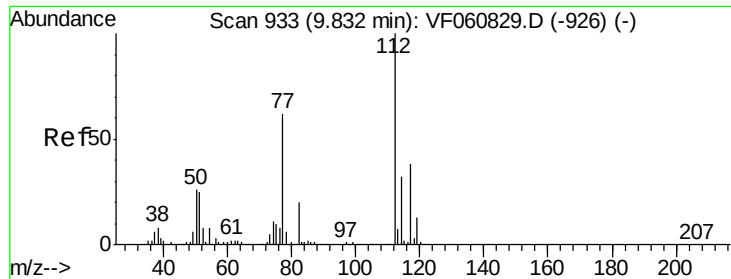
apatel
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#64
Tetrachloroethene
Concen: 19.76 ug/l
RT: 8.18 min Scan# 765
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51877		
166	127.4	100.3	150.5	
129	99.0	77.9	116.9	
131	92.9	77.5	116.3	





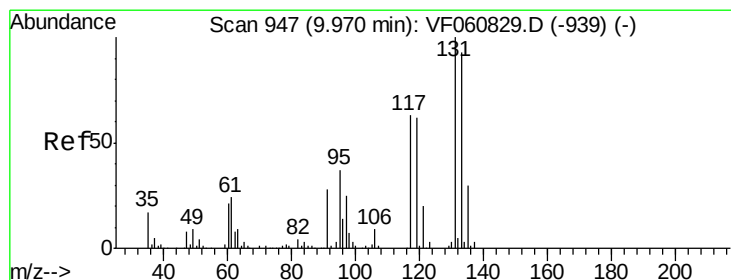
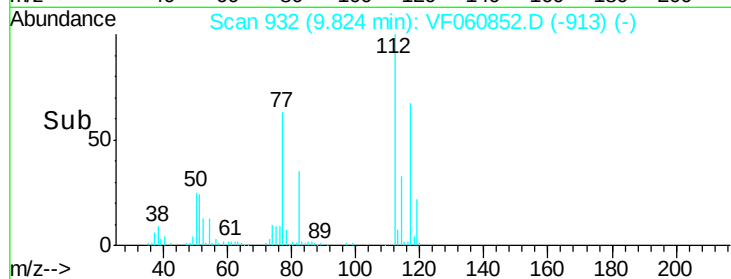
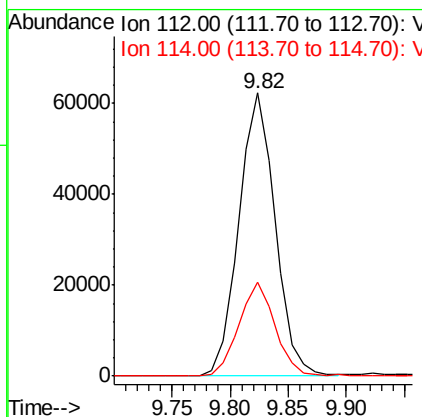
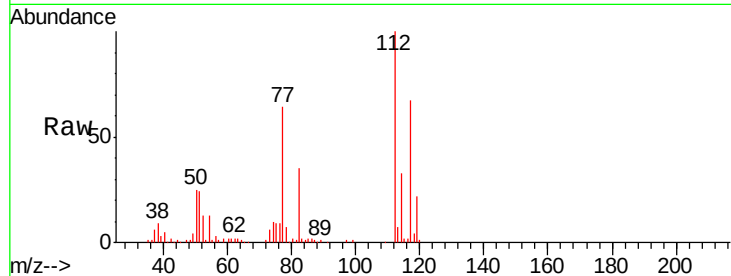
#65
Chlorobenzene
Concen: 20.12 ug/l
RT: 9.82 min Scan# 932
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	134525		
114	33.1	26.0	39.0	

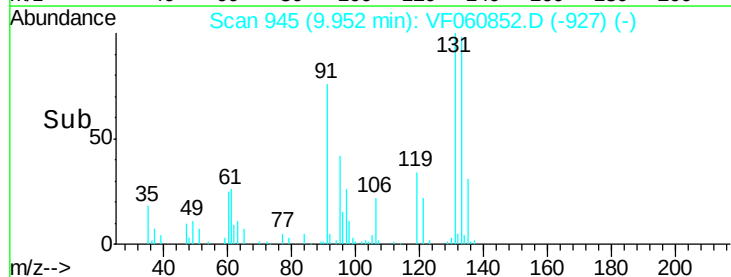
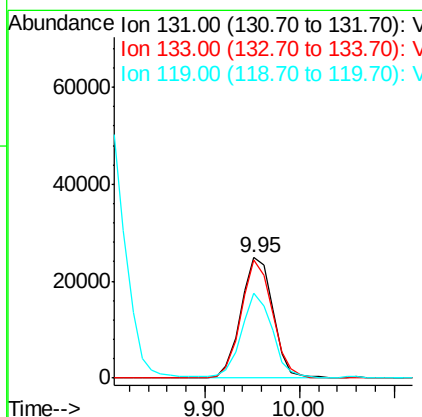
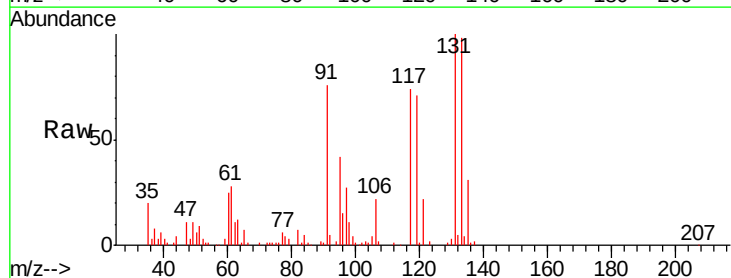
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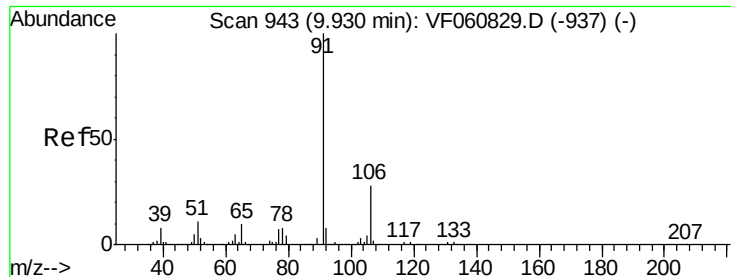
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.35 ug/l
RT: 9.95 min Scan# 945
Delta R.T. -0.02 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	58493		
133	98.2	46.5	139.3	
119	70.7	31.1	93.3	





#67

Ethyl Benzene

Concen: 21.58 ug/l

RT: 9.92 min Scan# 942

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 91 Resp: 268681

Ion Ratio Lower Upper

91 100

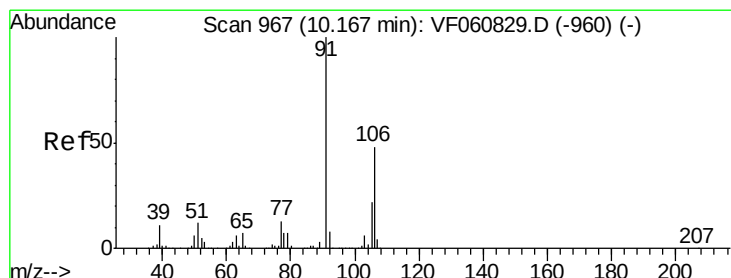
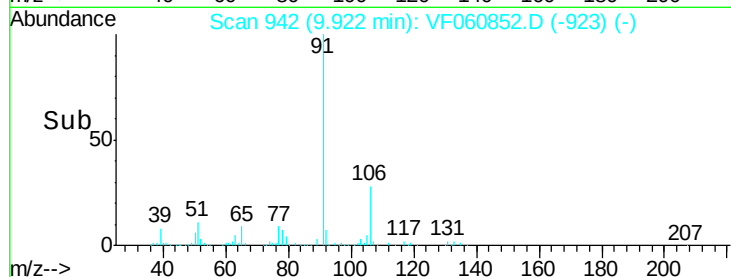
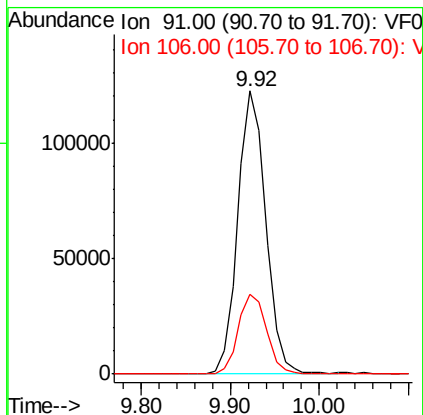
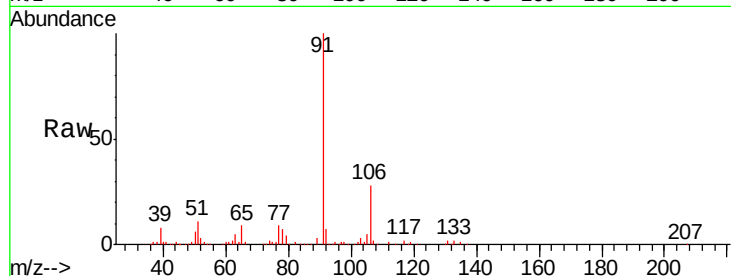
106 28.4 22.2 33.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 43.17 ug/l

RT: 10.16 min Scan# 966

Delta R.T. -0.01 min

Lab File: VF060852.D

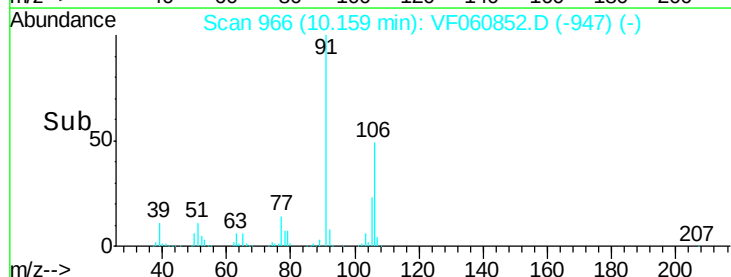
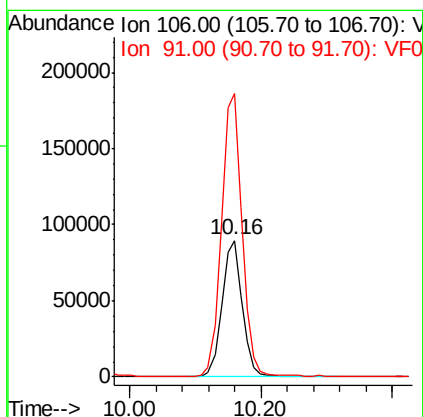
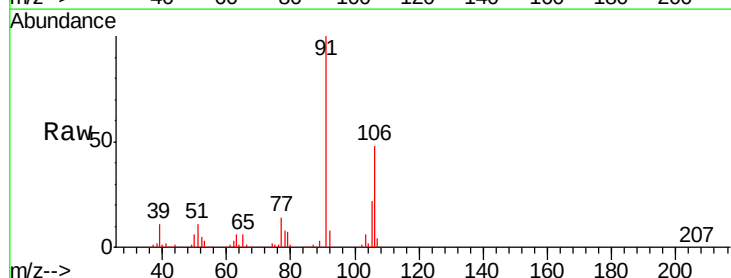
Acq: 28 Nov 2018 12:22

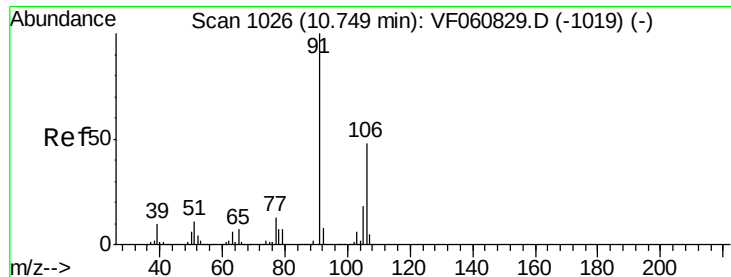
Tgt Ion: 106 Resp: 193319

Ion Ratio Lower Upper

106 100

91 207.2 166.7 250.1





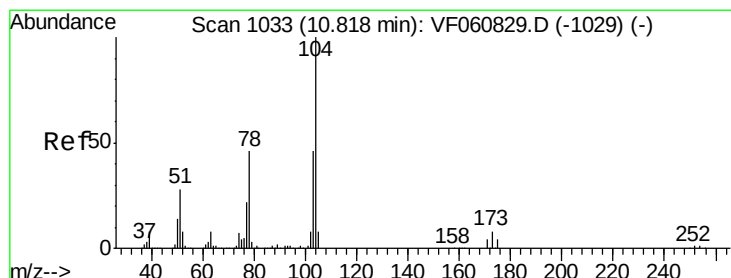
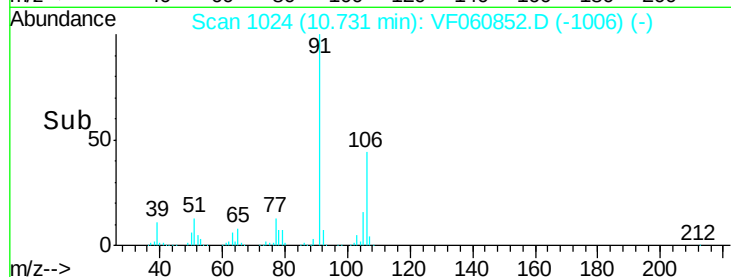
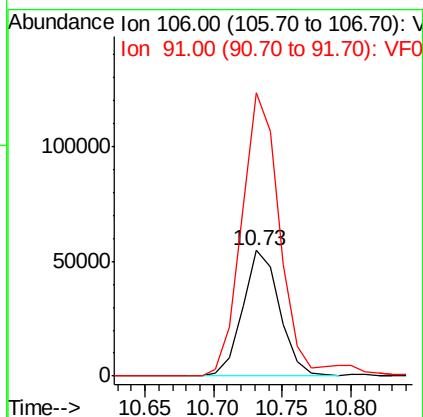
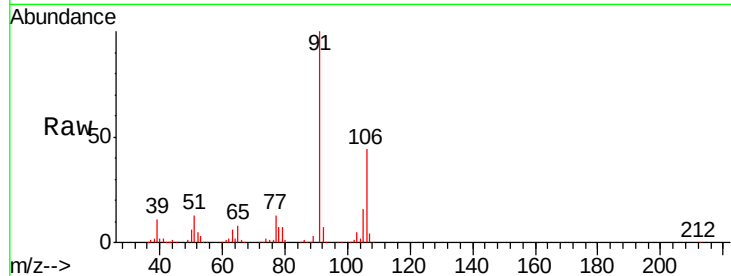
#69
o-Xylene
Concen: 20.87 ug/l
RT: 10.73 min Scan# 1024
Delta R.T. -0.02 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion:106 Resp: 103068
Ion Ratio Lower Upper
106 100
91 225.9 104.8 314.6

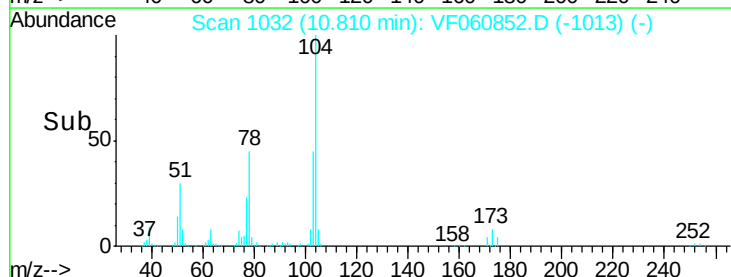
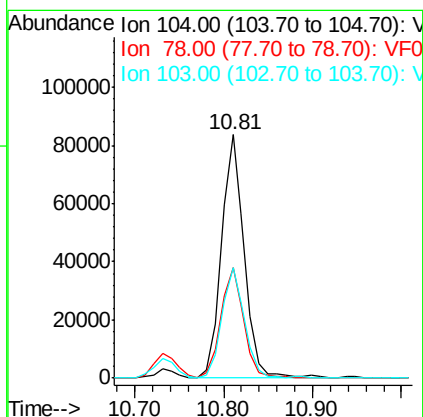
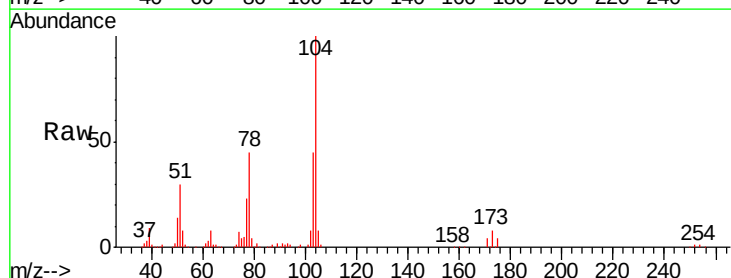
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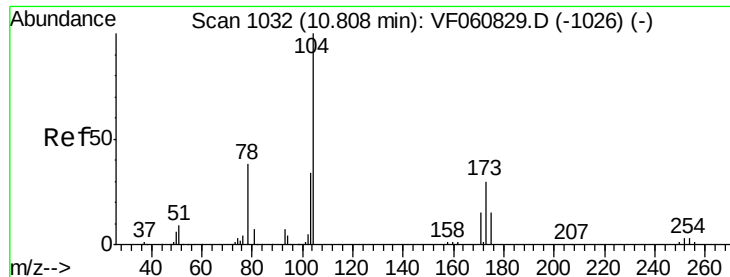
apatel
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#70
Styrene
Concen: 21.79 ug/l
RT: 10.81 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion:104 Resp: 149125
Ion Ratio Lower Upper
104 100
78 45.4 37.3 55.9
103 45.1 36.8 55.2





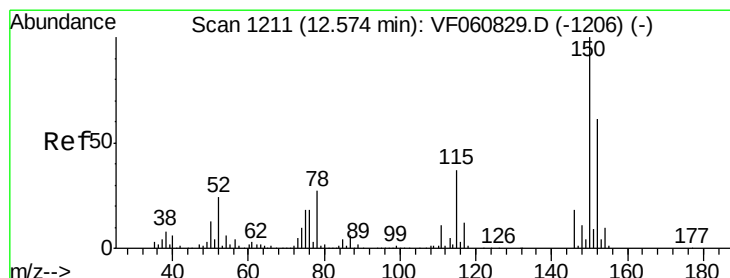
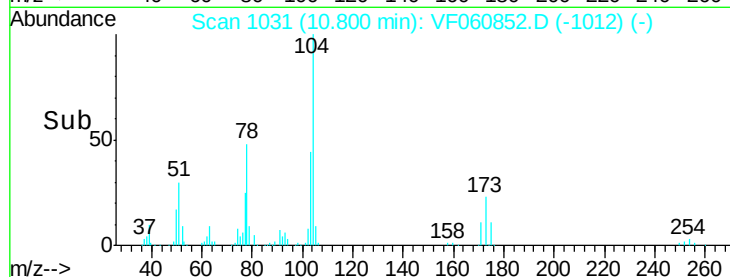
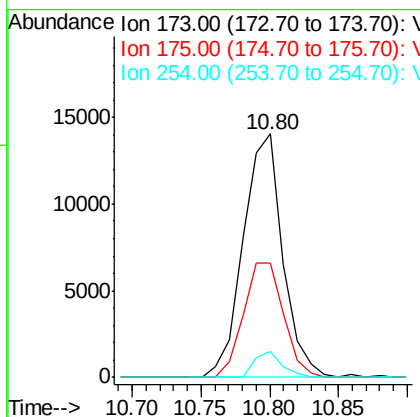
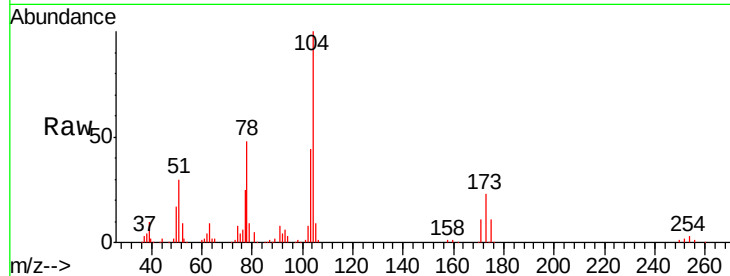
#71
Bromoform
Concen: 20.30 ug/l
RT: 10.80 min Scan# 1031
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	28185		
175	46.7	25.5	76.5	
254	10.7	7.5	11.3	

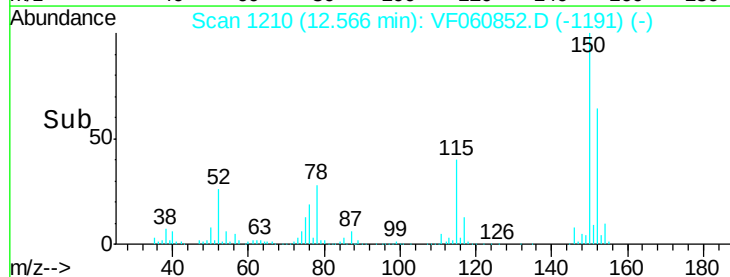
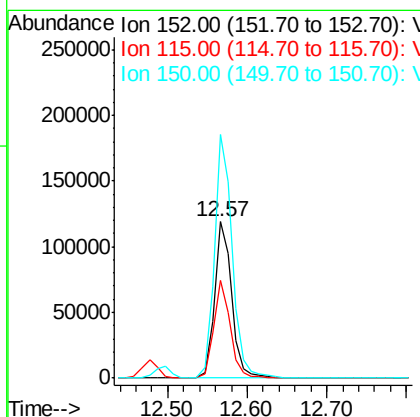
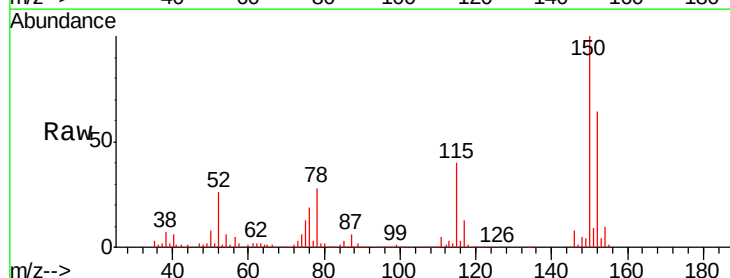
Manual Integrations
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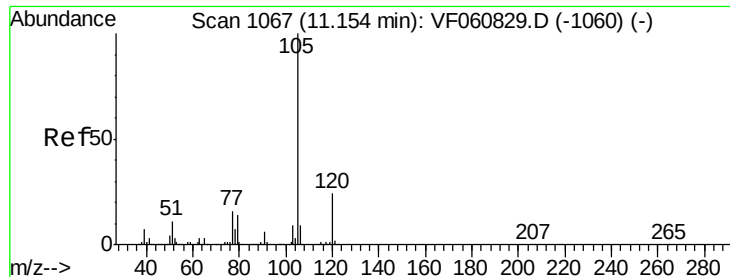
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.57 min Scan# 1210
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	182187		
115	62.6	30.1	90.5	
150	155.7	0.0	327.6	





#73

Isopropylbenzene

Concen: 21.70 ug/l

RT: 11.15 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

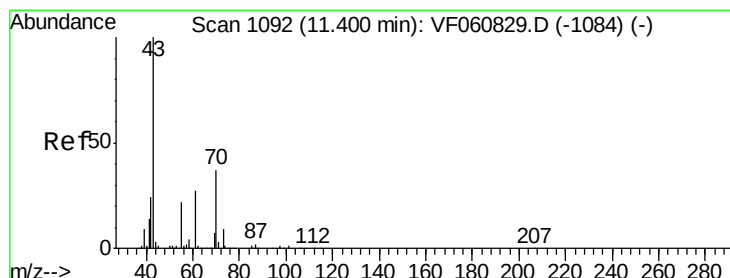
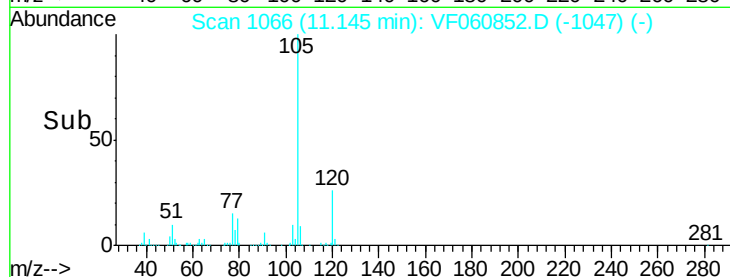
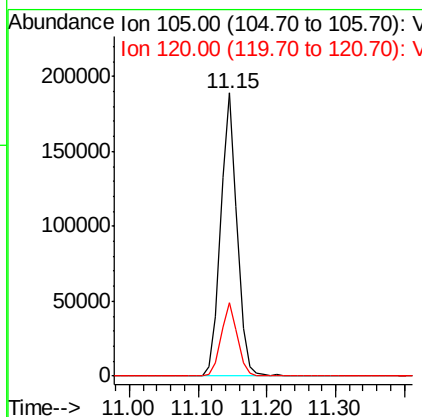
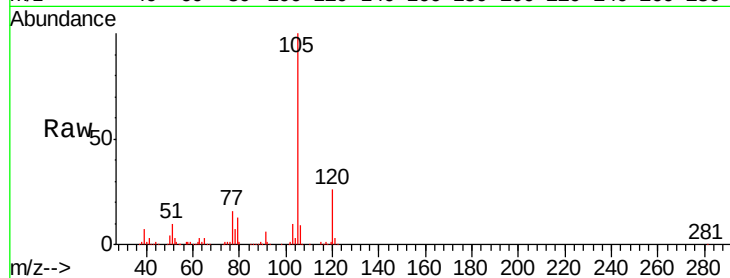
ClientSampleId :

VF1128SBS01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.2	36.4

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#74

N-ethyl acetate

Concen: 21.40 ug/l

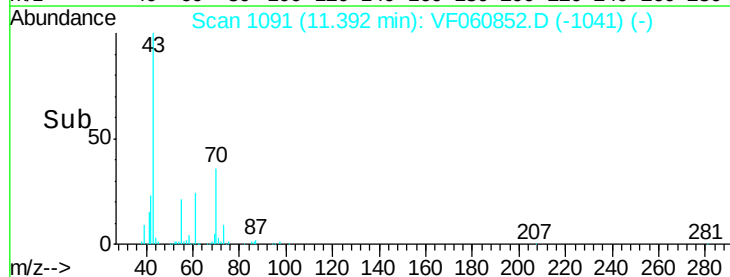
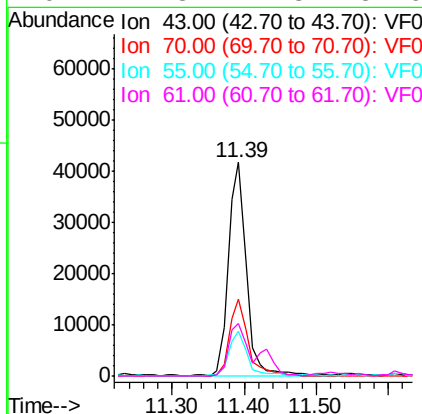
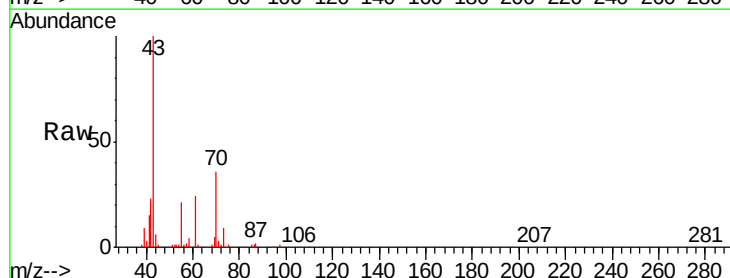
RT: 11.39 min Scan# 1091

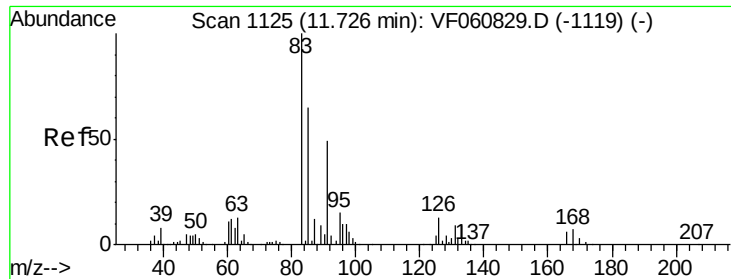
Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.2	29.6	44.4
55	21.0	17.2	25.8
61	24.3	21.8	32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.96 ug/l

RT: 11.72 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

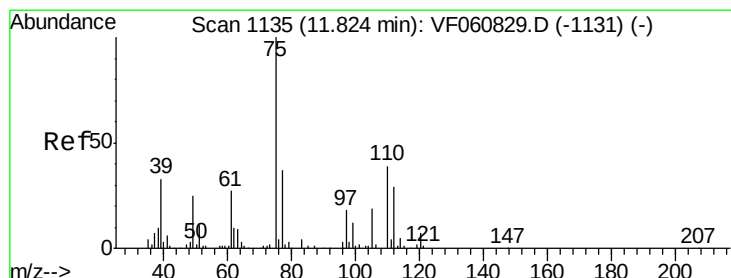
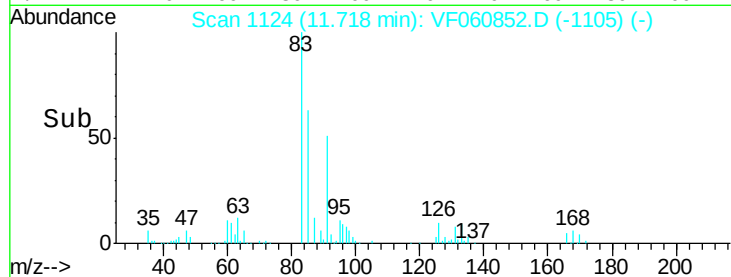
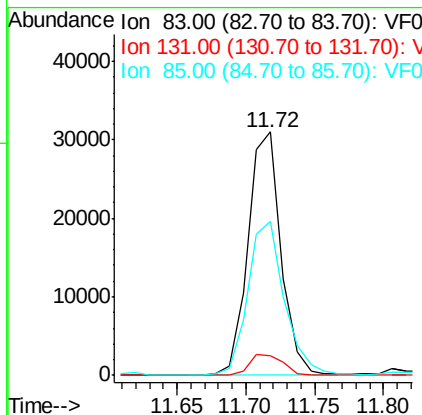
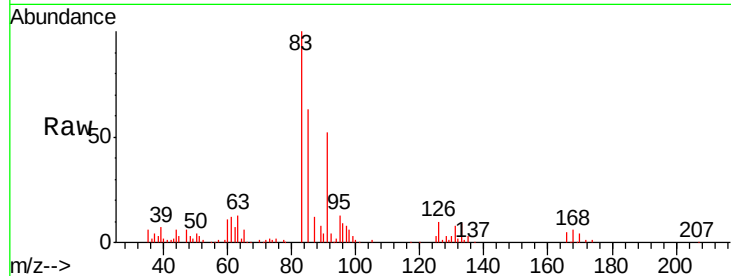
ClientSampleId :

VF1128SBS01

Tgt Ion:	83	Resp:	52034
Ion Ratio	Lower	Upper	
83	100		
131	7.9	4.7	14.1
85	63.5	32.6	97.8

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#76

1,2,3-Trichloropropane

Concen: 22.42 ug/l

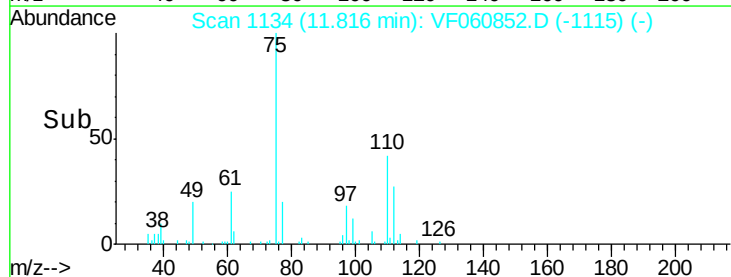
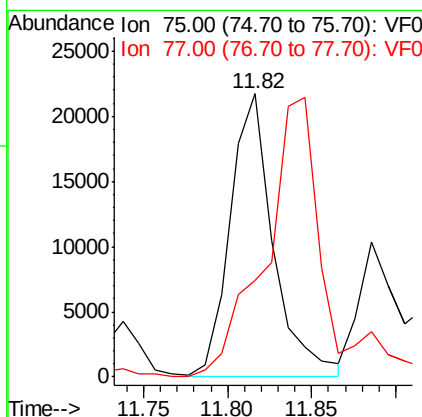
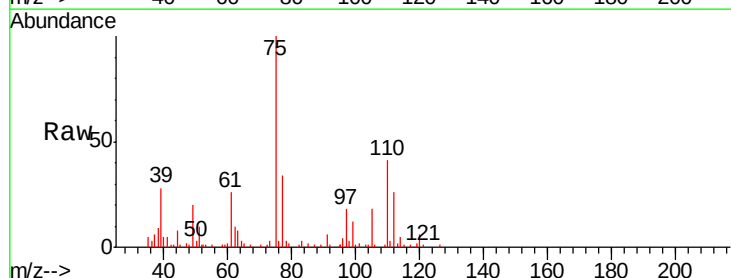
RT: 11.82 min Scan# 1134

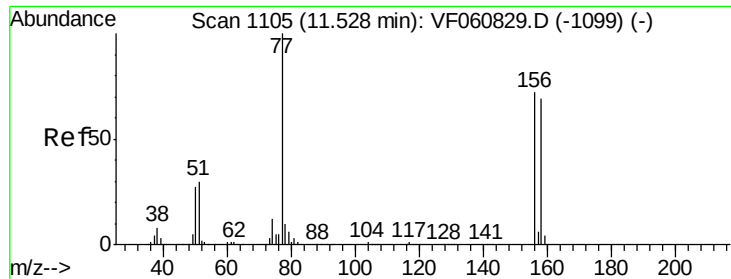
Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion:	75	Resp:	38613
Ion Ratio	Lower	Upper	
75	100		
77	33.9	18.4	55.4





#77

Bromobenzene

Concen: 19.86 ug/l

RT: 11.51 min Scan# 1103

Delta R.T. -0.02 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

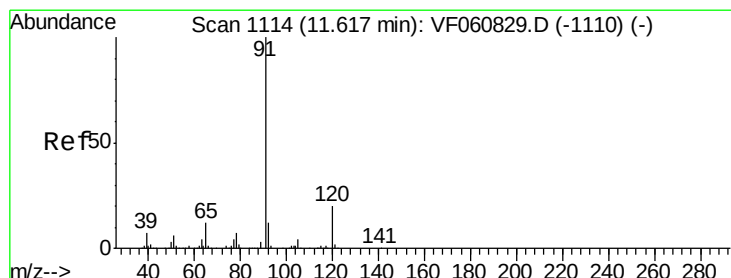
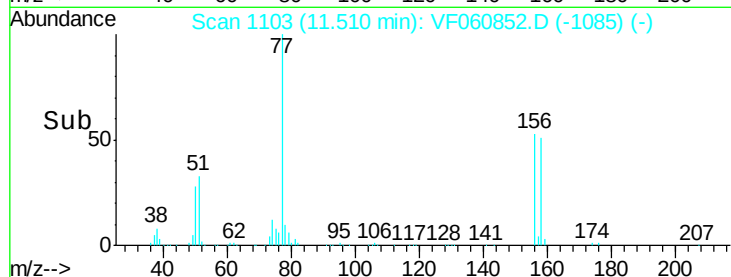
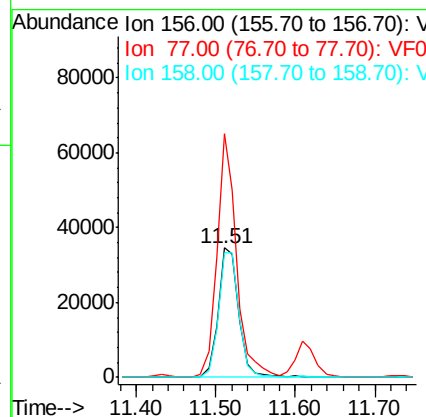
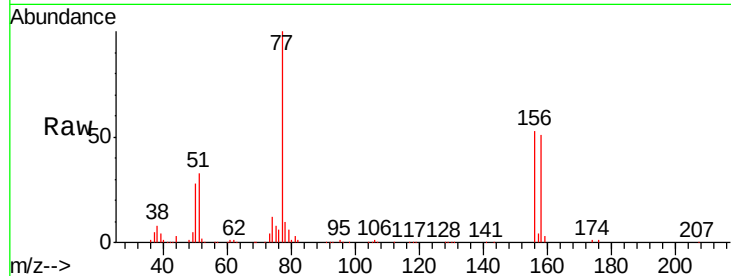
ClientSampleId :

VF1128SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	188.1	69.7	209.0
158	96.3	47.8	143.4

Manual Integrations
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#78

n-propylbenzene

Concen: 21.73 ug/l

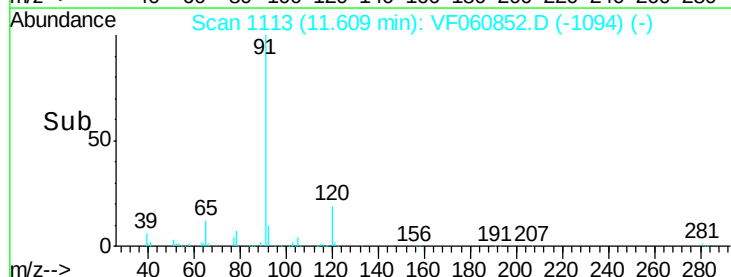
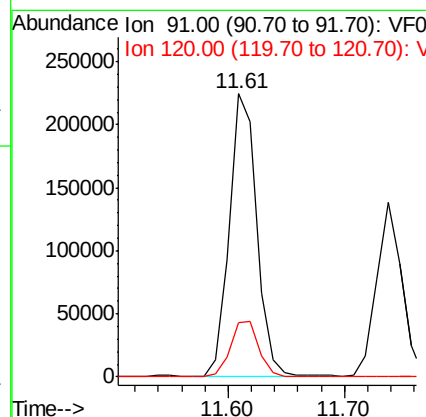
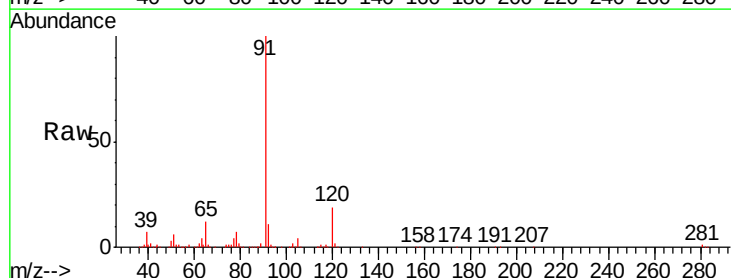
RT: 11.61 min Scan# 1113

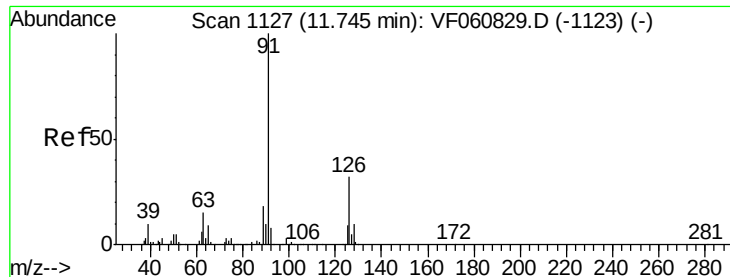
Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	19.3	10.3	30.8





#79

2-Chlorotoluene

Concen: 21.44 ug/l

RT: 11.74 min Scan# 1126

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

ClientSampleId :

VF1128SBS01

Tgt Ion: 91 Resp: 207290

Ion Ratio Lower Upper

91 100

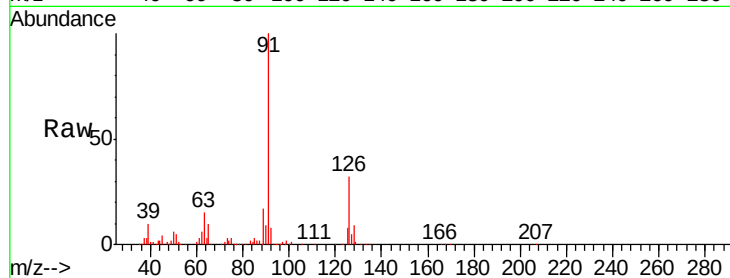
126 31.6 15.9 47.6

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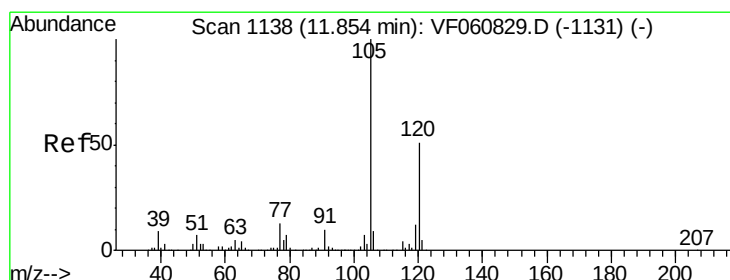
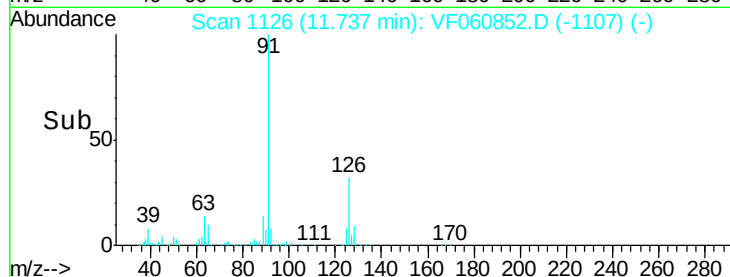
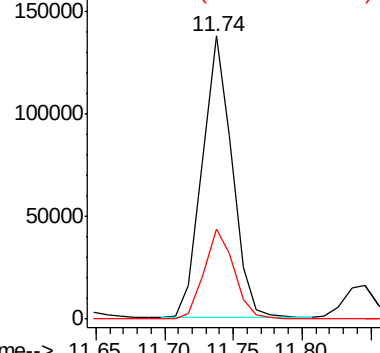
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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 21.50 ug/l

RT: 11.85 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VF060852.D

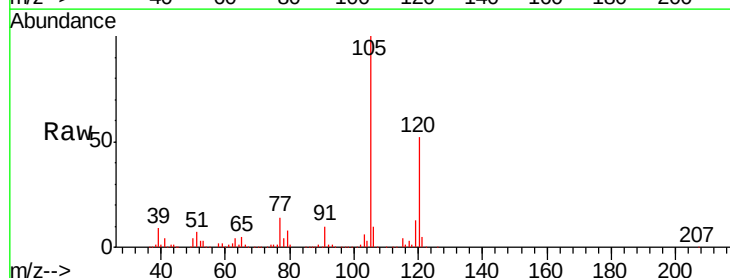
Acq: 28 Nov 2018 12:22

Tgt Ion: 105 Resp: 251311

Ion Ratio Lower Upper

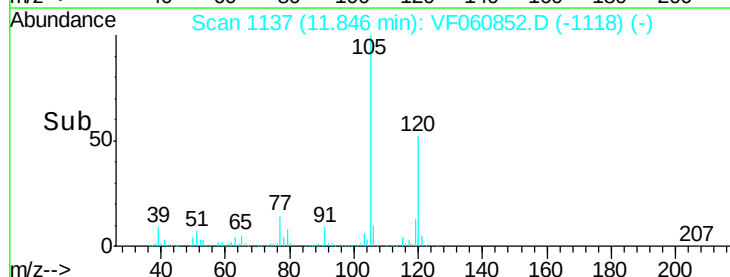
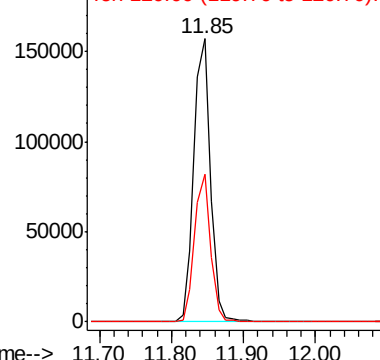
105 100

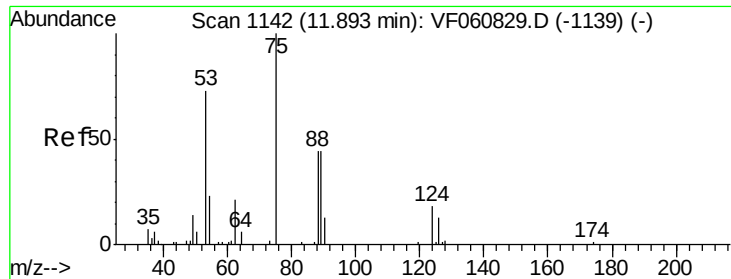
120 52.0 25.8 77.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 18.19 ug/l m

RT: 11.89 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

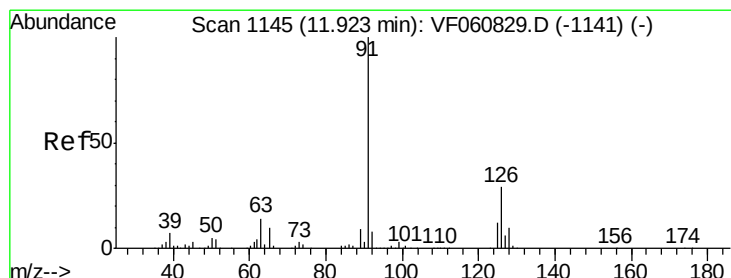
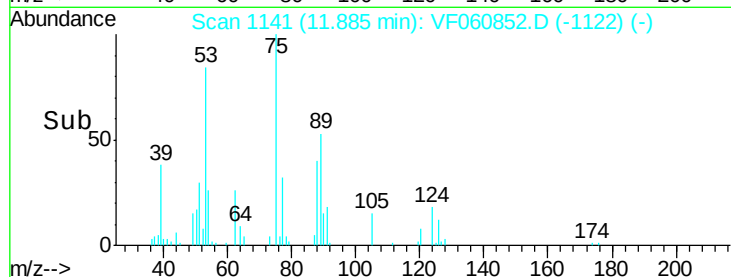
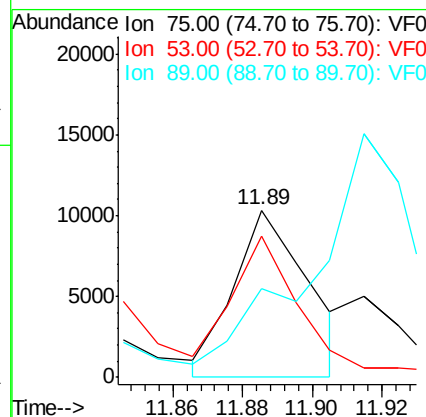
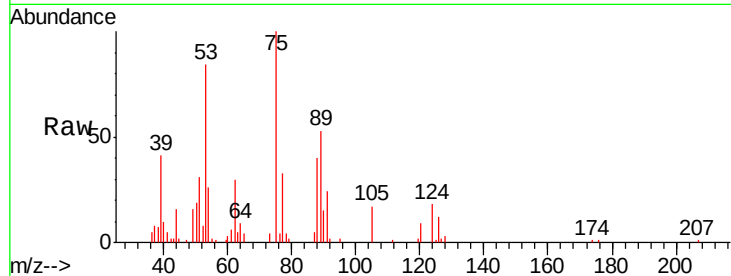
ClientSampleId :

VF1128SBS01

Tgt Ion:	75	Resp:	15348
Ion	Ratio	Lower	Upper
75	100		
53	84.2	65.9	98.9
89	53.0	38.8	58.2

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#82

4-Chlorotoluene

Concen: 20.55 ug/l

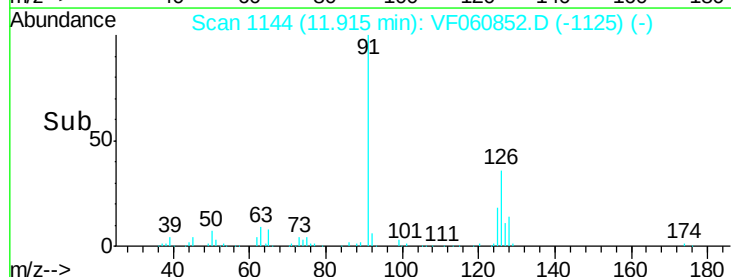
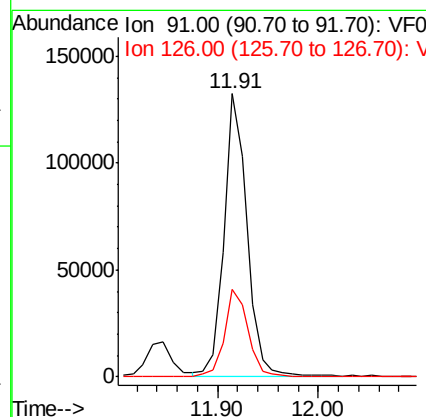
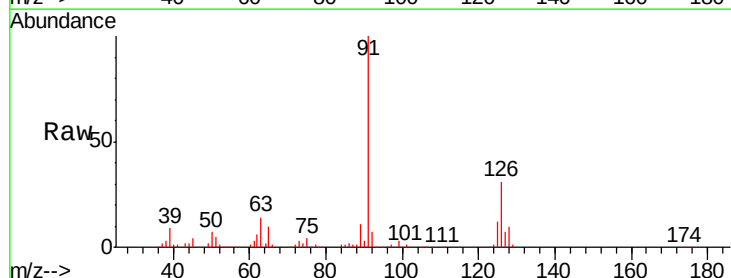
RT: 11.91 min Scan# 1144

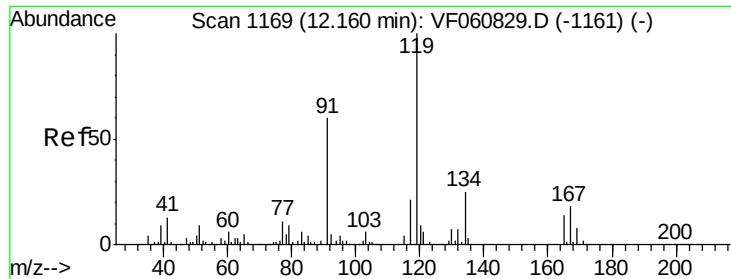
Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion:	91	Resp:	209030
Ion	Ratio	Lower	Upper
91	100		
126	30.9	14.8	44.4





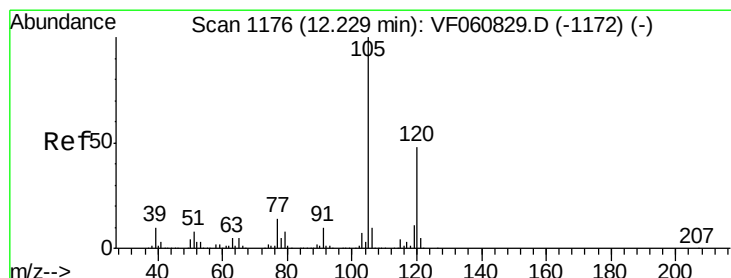
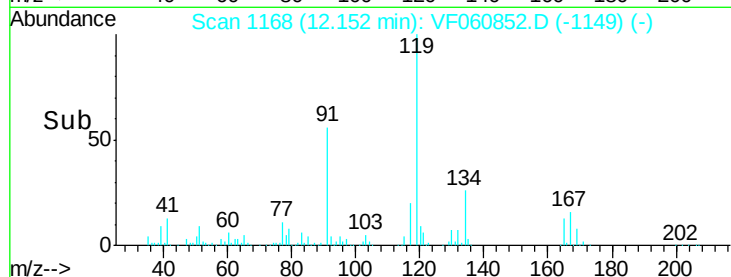
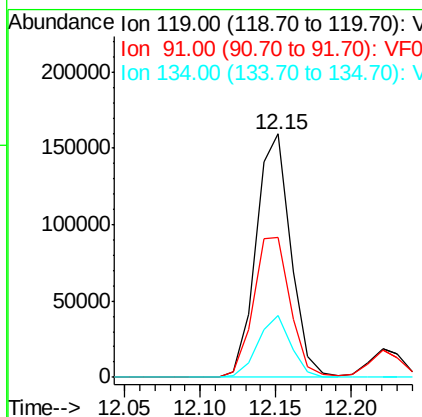
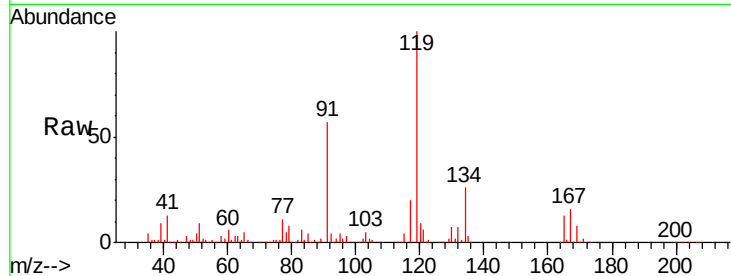
#83
 tert-Butylbenzene
 Concen: 21.51 ug/l
 RT: 12.15 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1128SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	256083		
91	57.3	30.1	90.3	
134	25.5	12.6	37.8	

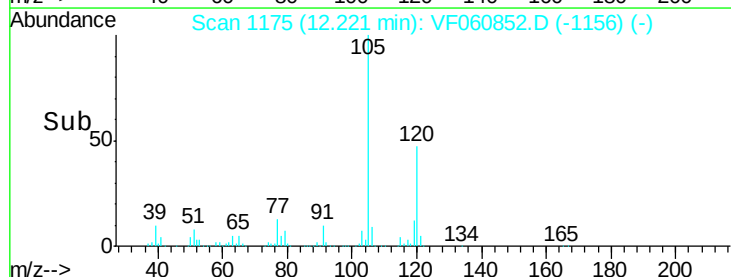
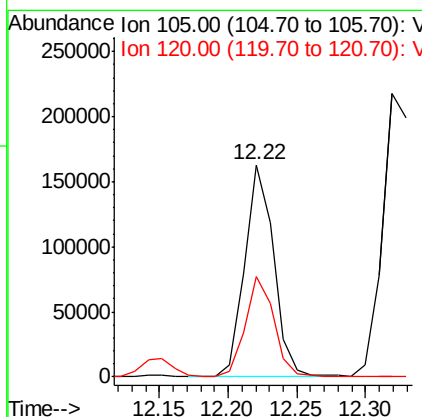
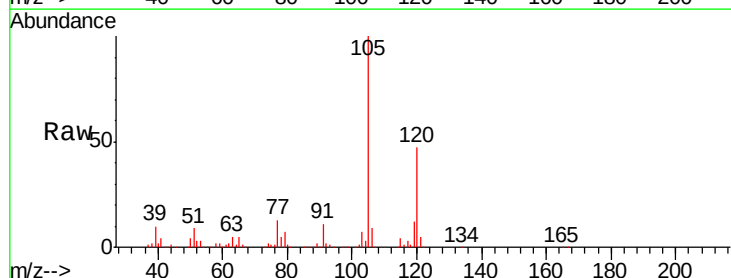
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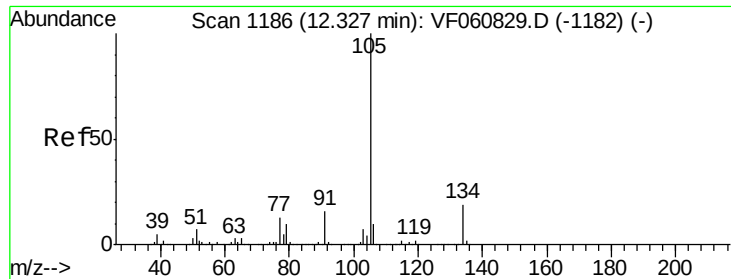
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.60 ug/l
 RT: 12.22 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	240274		
120	47.4	23.8	71.5	





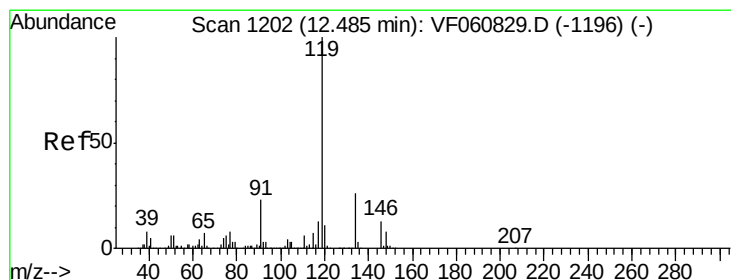
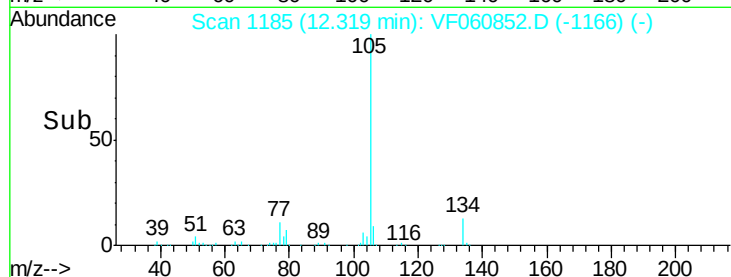
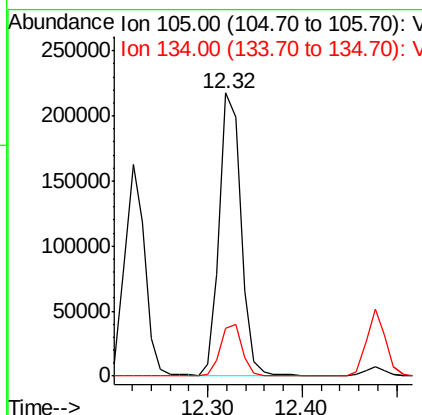
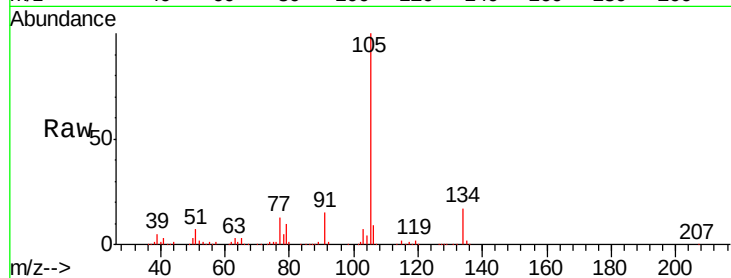
#85
 sec-Butylbenzene
 Concen: 21.31 ug/l
 RT: 12.32 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1128SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	347318		
134	16.9	9.5	28.5	

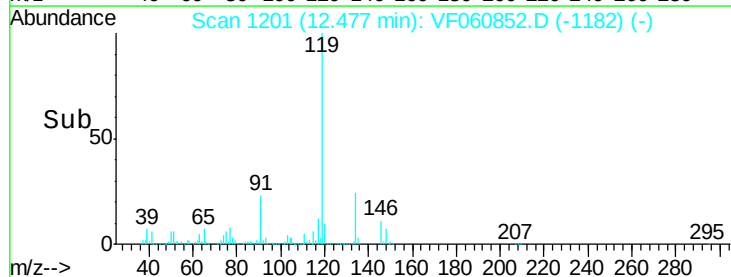
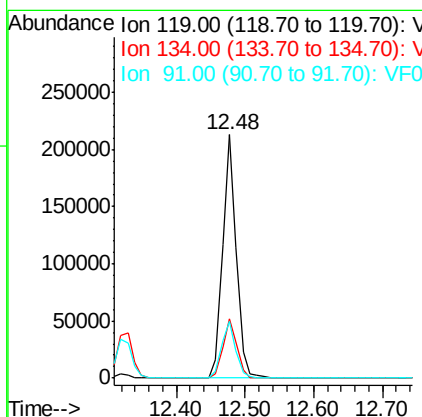
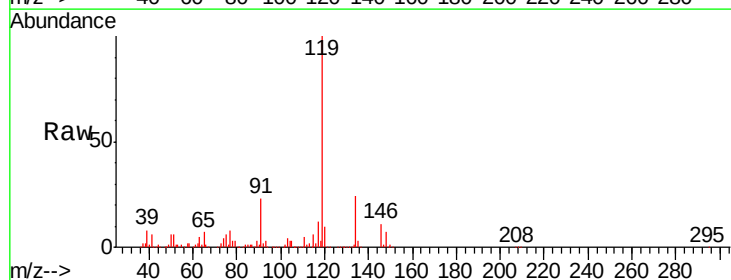
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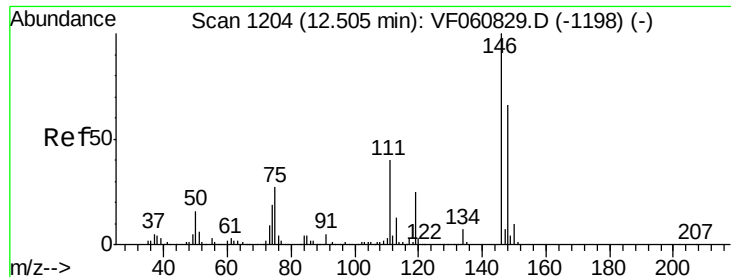
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#86
 p-Isopropyltoluene
 Concen: 21.47 ug/l
 RT: 12.48 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	293318		
134	24.3	12.9	38.6	
91	23.2	11.8	35.3	





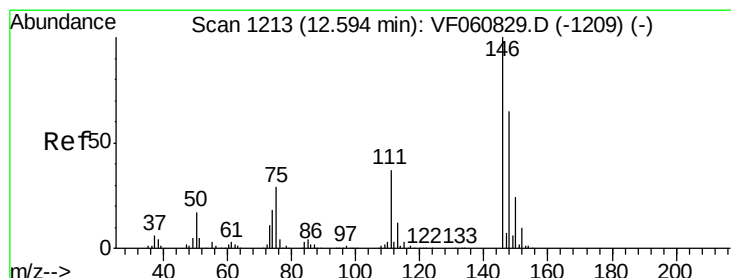
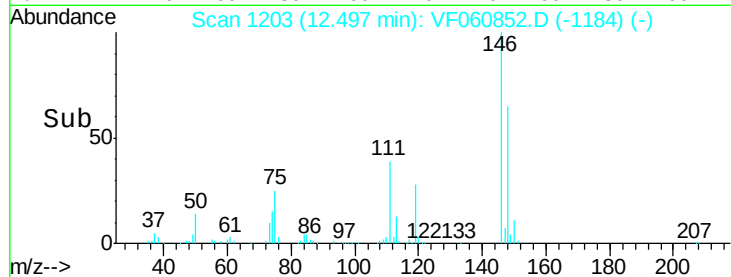
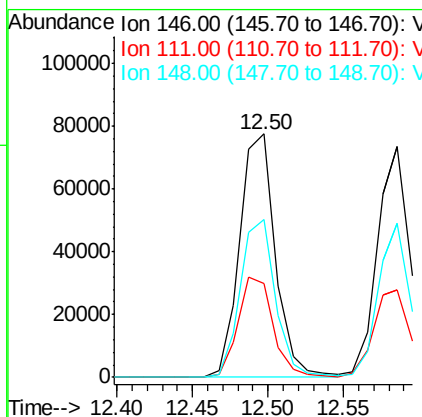
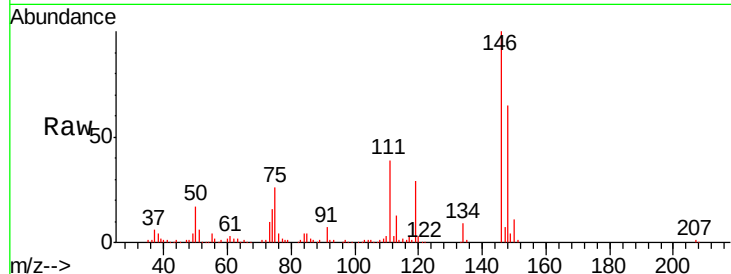
#87
 1,3-Dichlorobenzene
 Concen: 21.28 ug/l
 RT: 12.50 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1128SBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	59.9
148	65.0	32.9	98.6

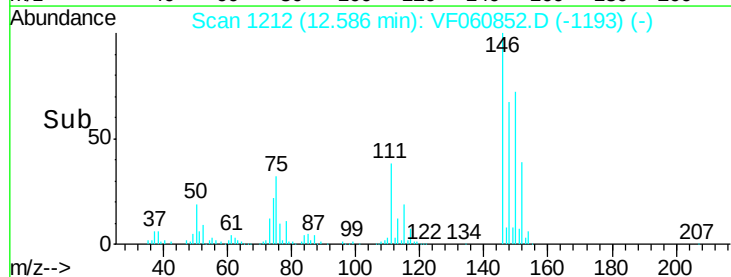
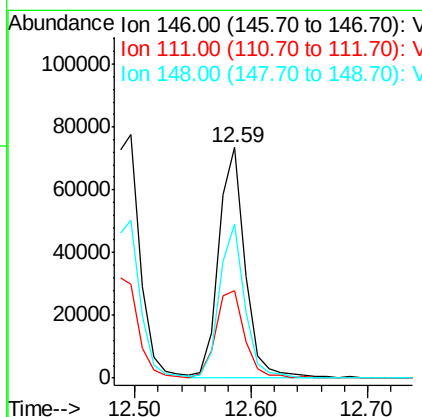
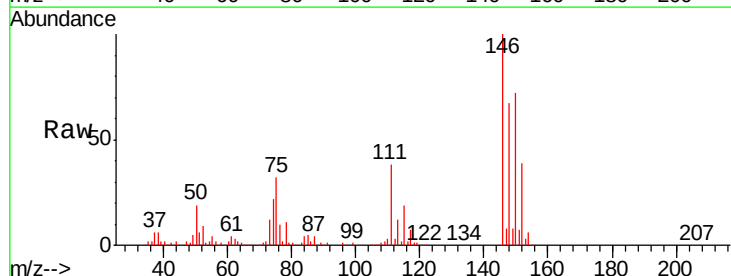
Manual Integrations
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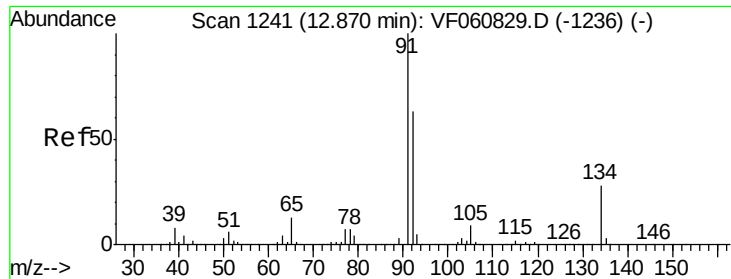
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#88
 1,4-Dichlorobenzene
 Concen: 19.55 ug/l
 RT: 12.59 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	67.1	32.3	96.9





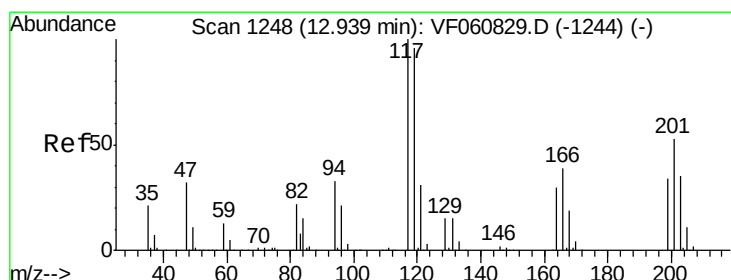
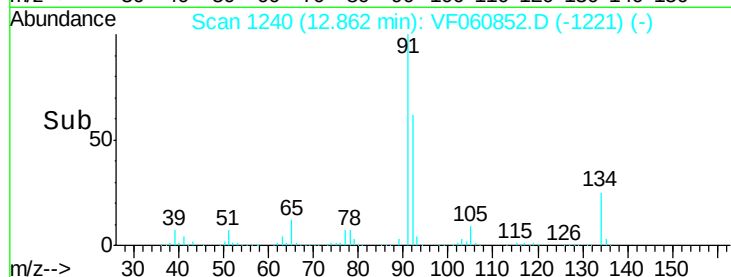
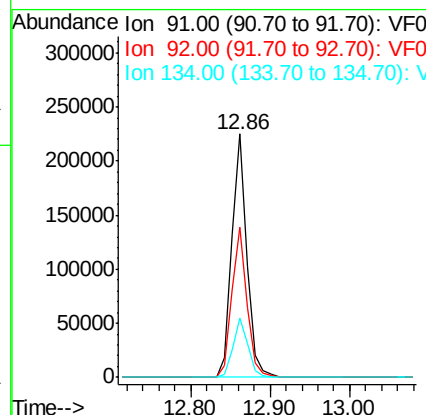
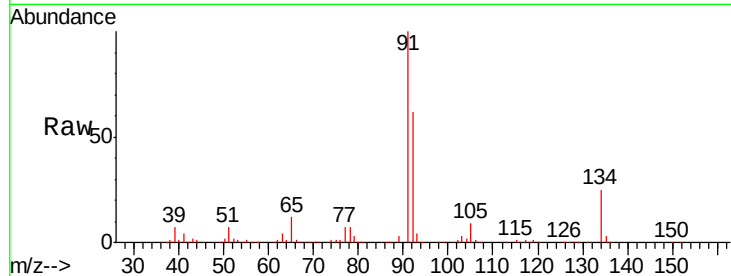
#89
n-Butylbenzene
Concen: 21.78 ug/l
RT: 12.86 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.8	31.6	94.7
134	24.5	13.8	41.4

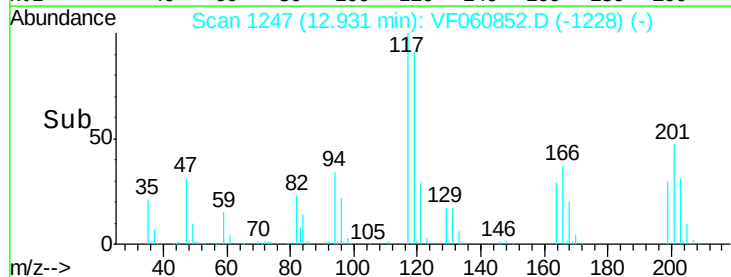
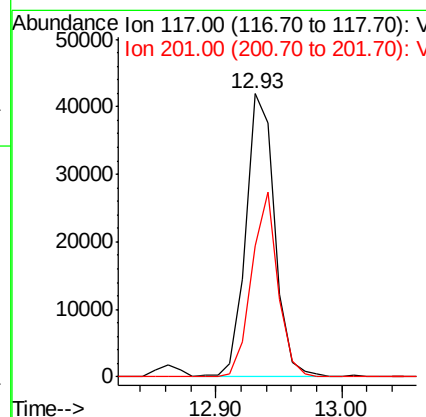
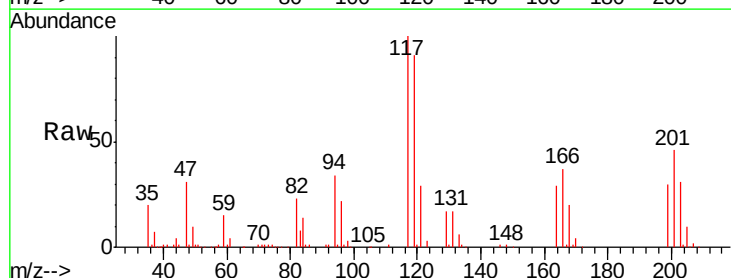
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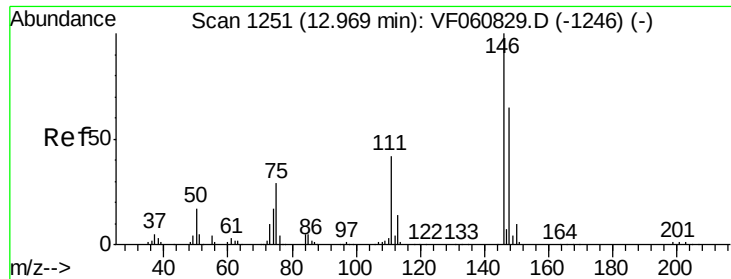
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#90
Hexachloroethane
Concen: 20.06 ug/l
RT: 12.93 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	46.4	26.7	80.1





#91

1,2-Dichlorobenzene

Concen: 20.37 ug/l

RT: 12.96 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Instrument :

MSVOA_F

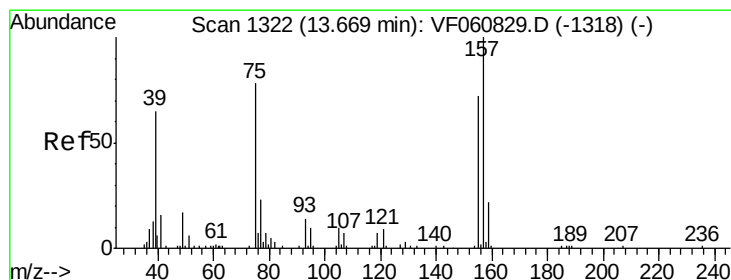
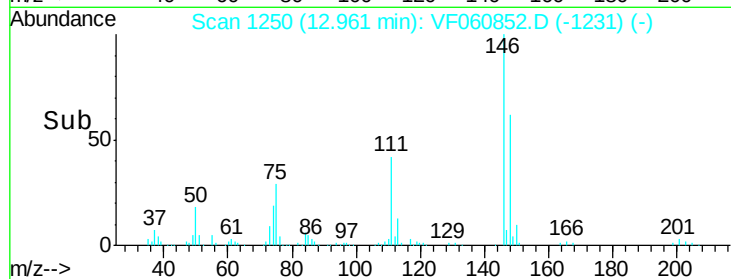
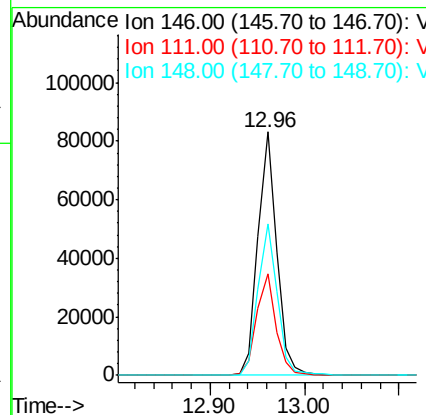
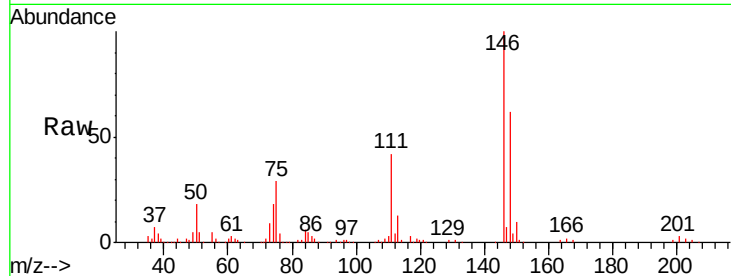
ClientSampleId :

VF1128SBS01

Tgt Ion:	146	Resp:	115796
Ion Ratio	Lower	Upper	
146	100		
111	41.7	21.2	63.6
148	62.1	32.5	97.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.55 ug/l

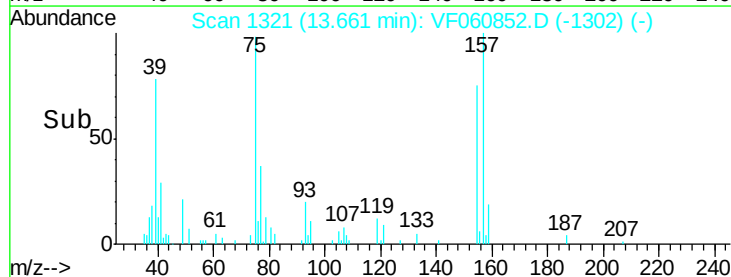
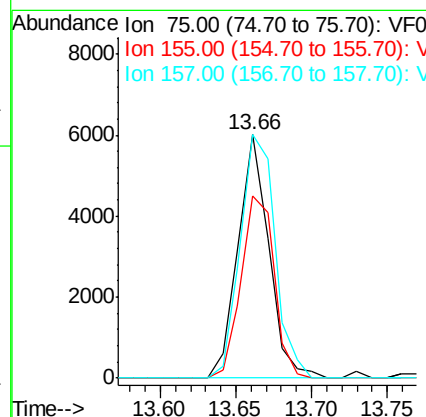
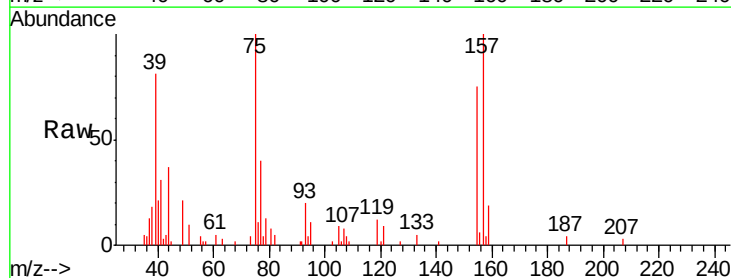
RT: 13.66 min Scan# 1321

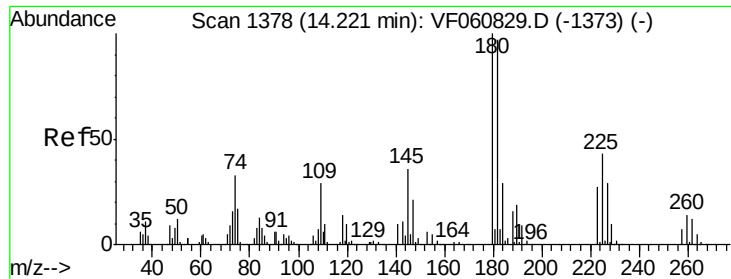
Delta R.T. -0.01 min

Lab File: VF060852.D

Acq: 28 Nov 2018 12:22

Tgt Ion:	75	Resp:	8499
Ion Ratio	Lower	Upper	
75	100		
155	75.0	45.6	136.9
157	99.9	63.8	191.5





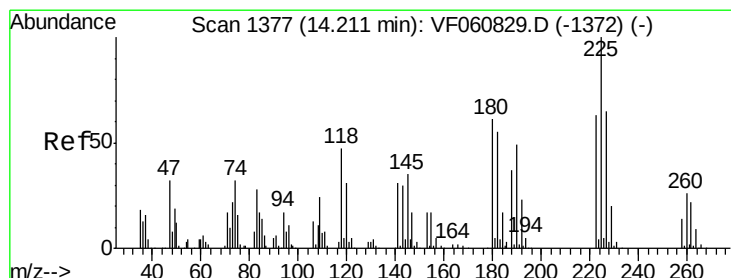
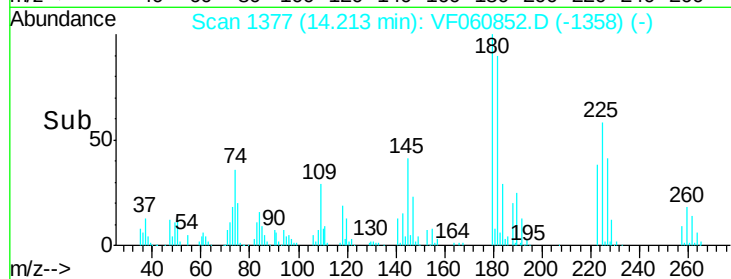
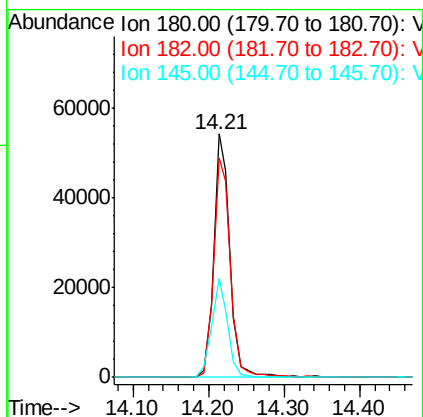
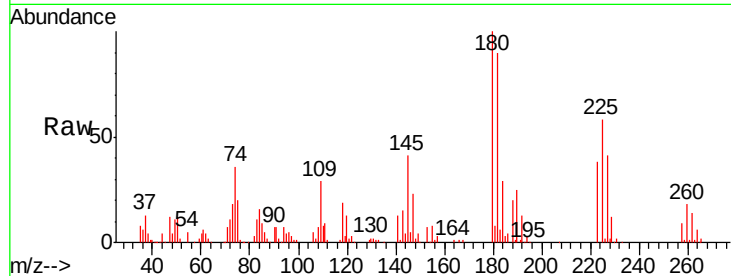
#93
 1,2,4-Trichlorobenzene
 Concen: 20.64 ug/l
 RT: 14.21 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1128SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	82004		
182	90.1	48.5	145.5	
145	40.7	18.1	54.3	

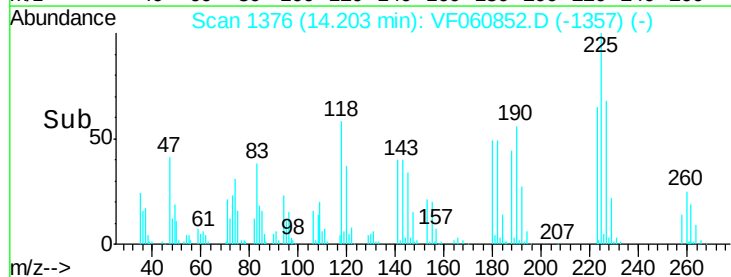
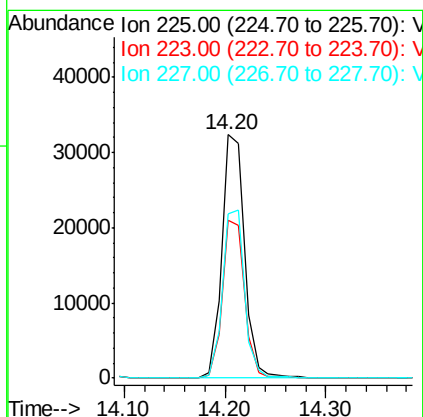
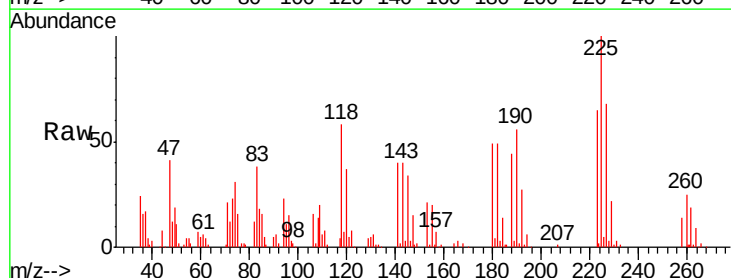
Manual Integrations
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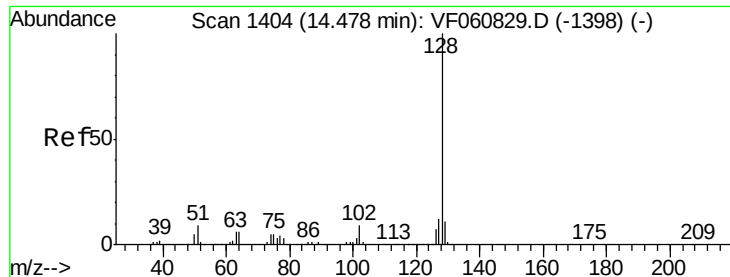
apatel
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#94
 Hexachlorobutadiene
 Concen: 19.22 ug/l
 RT: 14.20 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: VF060852.D
 Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50901		
223	65.1	31.4	94.3	
227	67.6	32.5	97.5	





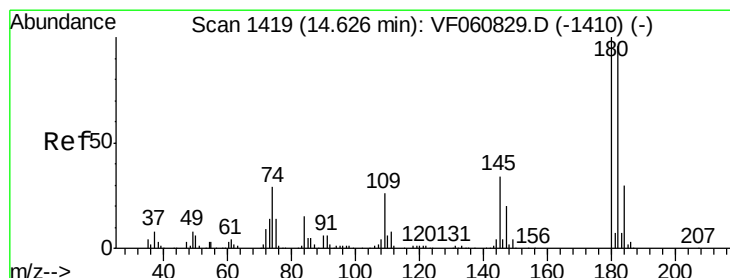
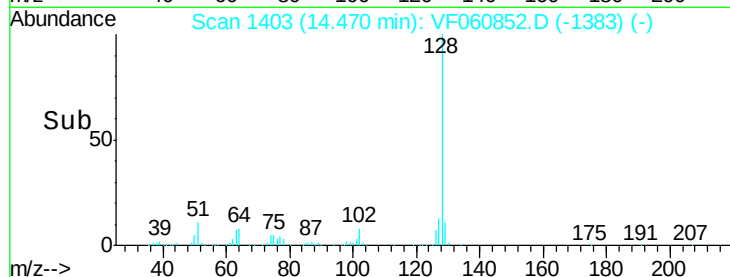
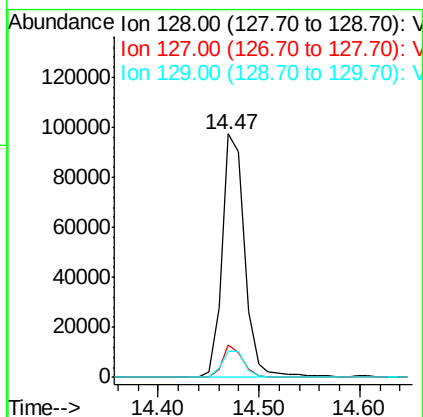
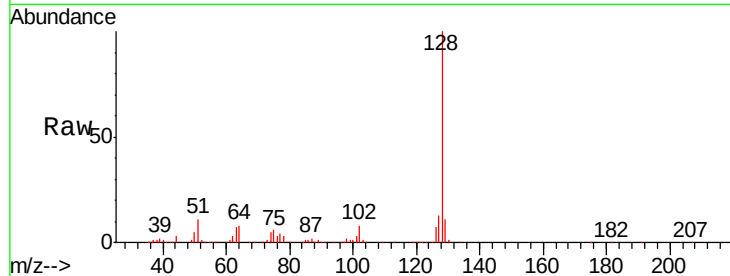
#95
Naphthalene
Concen: 17.46 ug/l
RT: 14.47 min Scan# 1403
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Instrument :
MSVOA_F
ClientSampleId :
VF1128SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	152176		
127	13.4	9.9	14.9	
129	10.9	9.1	13.7	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.69 ug/l
RT: 14.62 min Scan# 1418
Delta R.T. -0.01 min
Lab File: VF060852.D
Acq: 28 Nov 2018 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	68945		
182	98.7	47.9	143.8	
145	39.5	17.2	51.5	

