

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF110818\
 Data File : VF060649.D
 Acq On : 8 Nov 2018 14:29
 Operator : VA/AP
 Sample : VF1108SBS01
 Misc : 5.00µg/5mL/MSVOA-F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1108SBS01

Manual Integrations
 APPROVED

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 11/9/2018 3:31:48 PM

Quant Time: Nov 09 13:24:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	253856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.59	114	418806	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.77	117	387247	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.55	152	210278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.84	65	134086	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
35) Dibromofluoromethane	4.10	113	166524	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	
50) Toluene-d8	7.55	98	446966	46.63	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	11.40	95	203739	48.59	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	92802	33.679	ug/l	92
3) Chloromethane	1.10	50	64163	28.880	ug/l #	86
4) Vinyl Chloride	1.14	62	55355	27.038	ug/l	95
5) Bromomethane	1.32	94	28251	24.584	ug/l	95
6) Chloroethane	1.37	64	18489	22.663	ug/l	90
7) Trichlorofluoromethane	1.48	101	98711	25.761	ug/l	99
8) Diethyl Ether	1.63	74	13267	18.681	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	1.82	101	57566	26.290	ug/l	90
10) Methyl Iodide	1.89	142	85238	23.656	ug/l	96
11) Tert butyl alcohol	2.57	59	11702	82.579	ug/l	91
12) 1,1-Dichloroethene	1.79	96	41849	22.692	ug/l	90
13) Acrolein	2.00	56	8332	75.520	ug/l	84
14) Allyl chloride	2.09	41	71924	23.885	ug/l	92
15) Acrylonitrile	2.93	53	31059	101.606	ug/l	88
16) Acetone	2.23	43	69261	114.597	ug/l	92
17) Carbon Disulfide	1.82	76	124745	24.013	ug/l	99
18) Methyl Acetate	2.34	43	15679	17.020	ug/l #	88
19) Methyl tert-butyl Ether	2.43	73	90814	21.065	ug/l	99
20) Methylene Chloride	2.17	84	42499m	20.491	ug/l	
21) trans-1,2-Dichloroethene	2.30	96	41236	21.313	ug/l	97
22) Diisopropyl ether	2.79	45	145275	22.770	ug/l #	90
23) Vinyl Acetate	3.18	43	368654	96.171	ug/l	96
24) 1,1-Dichloroethane	2.87	63	88466	23.959	ug/l	99
25) 2-Butanone	4.32	43	134214	98.661	ug/l	100
26) 2,2-Dichloropropane	3.59	77	67094	24.285	ug/l	96
27) cis-1,2-Dichloroethene	3.47	96	80984	21.926	ug/l	98
28) Bromochloromethane	3.71	49	48534	20.945	ug/l	96
29) Tetrahydrofuran	4.07	42	46878	98.107	ug/l	99
30) Chloroform	3.85	83	139658	23.907	ug/l	95
31) Cyclohexane	3.69	56	115320	22.632	ug/l	96
32) 1,1,1-Trichloroethane	4.08	97	103658	25.407	ug/l	98
36) 1,1-Dichloropropene	4.27	75	109413	23.727	ug/l	98
37) Ethyl Acetate	4.10	43	41059	18.548	ug/l	85
38) Carbon Tetrachloride	3.99	117	93056	23.616	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 03 05:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.45	83	128566	22.847	ug/l	97
40) Benzene	4.63	78	253144	22.615	ug/l	96
41) Methacrylonitrile	4.74	41	23117	18.441	ug/l	95
42) 1,2-Dichloroethane	4.94	62	73686	22.936	ug/l	99
43) Isopropyl Acetate	6.96	43	56368	20.131	ug/l #	98
44) Trichloroethene	5.50	130	71384	21.220	ug/l	99
45) 1,2-Dichloropropane	6.24	63	62540	21.846	ug/l	94
46) Dibromomethane	6.08	93	38873	21.404	ug/l	91
47) Bromodichloromethane	6.38	83	95968	21.908	ug/l	96
48) Methyl methacrylate	6.71	41	31944	18.152	ug/l	96
49) 1,4-Dioxane	6.70	88	5475	297.408	ug/l #	87
51) 4-Methyl-2-Pentanone	8.26	43	202260	107.418	ug/l	99
52) Toluene	7.62	92	152966	20.979	ug/l	91
53) t-1,3-Dichloropropene	8.27	75	77714	20.412	ug/l	92
54) cis-1,3-Dichloropropene	7.30	75	107252	22.296	ug/l	97
55) 1,1,2-Trichloroethane	8.48	97	41742	19.673	ug/l	96
56) Ethyl methacrylate	8.61	69	55339	20.271	ug/l	92
57) 1,3-Dichloropropane	8.85	76	71576	19.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.62	63	22231	116.140	ug/l	100
59) 2-Hexanone	9.49	43	165672	119.516	ug/l	94
60) Dibromochloromethane	8.71	129	47916	16.147	ug/l	94
61) 1,2-Dibromoethane	8.99	107	46175	20.694	ug/l	97
64) Tetrachloroethene	8.15	164	60785	20.029	ug/l	97
65) Chlorobenzene	9.80	112	164594	20.784	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.92	131	68470	20.462	ug/l	95
67) Ethyl Benzene	9.89	91	305214	21.238	ug/l	99
68) m/p-Xylenes	10.13	106	219830	40.609	ug/l	97
69) o-Xylene	10.71	106	121924	20.627	ug/l	92
70) Styrene	10.78	104	176418	20.601	ug/l	98
71) Bromoform	10.77	173	32277	18.677	ug/l	98
73) Isopropylbenzene	11.12	105	365252	22.272	ug/l	95
74) N-amyl acetate	11.36	43	97355	21.391	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.69	83	60137	20.091	ug/l	95
76) 1,2,3-Trichloropropane	11.87	75	28462	19.348	ug/l	95
77) Bromobenzene	11.49	156	73448	20.468	ug/l	96
78) n-propylbenzene	11.59	91	427198	22.265	ug/l	99
79) 2-Chlorotoluene	11.72	91	238150	21.734	ug/l	98
80) 1,3,5-Trimethylbenzene	11.82	105	290612	21.499	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.87	75	21708m	18.777	ug/l	
82) 4-Chlorotoluene	11.90	91	248028	21.695	ug/l	99
83) tert-Butylbenzene	12.12	119	314973	22.809	ug/l	94
84) 1,2,4-Trimethylbenzene	12.20	105	297456	22.471	ug/l	96
85) sec-Butylbenzene	12.30	105	436992	23.004	ug/l	98
86) p-Isopropyltoluene	12.46	119	345820	22.106	ug/l	98
87) 1,3-Dichlorobenzene	12.47	146	149774	21.265	ug/l	94
88) 1,4-Dichlorobenzene	12.56	146	148965	22.299	ug/l	96
89) n-Butylbenzene	12.84	91	372732	21.967	ug/l	94
90) Hexachloroethane	12.91	117	88019	22.125	ug/l	76
91) 1,2-Dichlorobenzene	12.94	146	143816	21.826	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.64	75	10622	20.425	ug/l	97

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ClientSampleId :
VF1108SBSD01

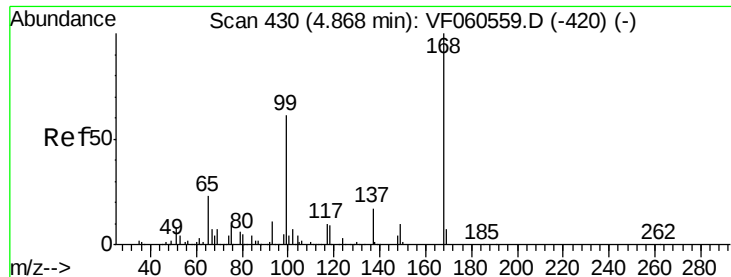
Manual Integrations
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11/9/2018 3:31:48 PM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F110218S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 03 05:29:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	102916	22.991	ug/l	93
94) Hexachlorobutadiene	14.19	225	65385	22.541	ug/l	97
95) Naphthalene	14.45	128	190772	21.292	ug/l	99
96) 1,2,3-Trichlorobenzene	14.60	180	88120	20.839	ug/l	92

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



#1

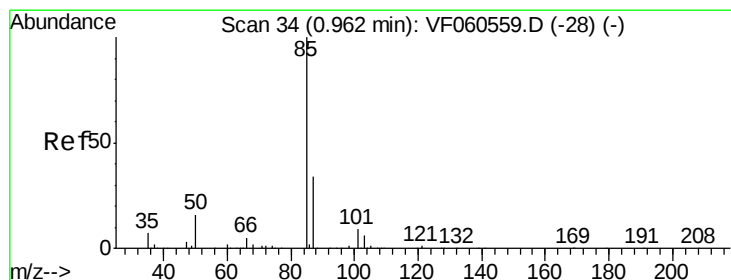
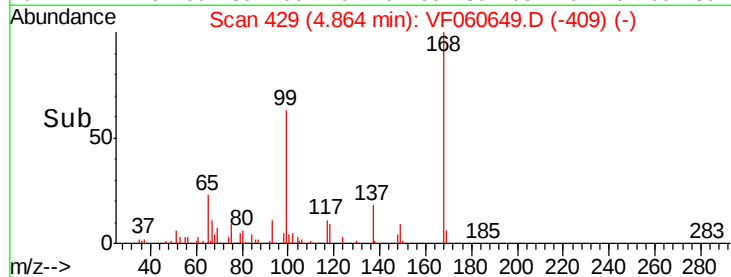
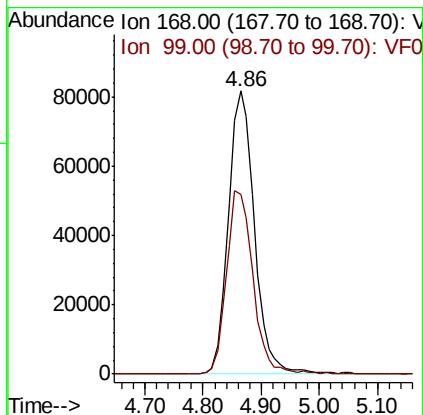
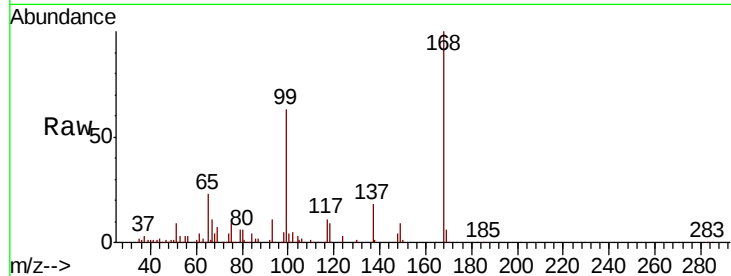
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 4.86 min Scan# 429
 Delta R.T. -0.00 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1108SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	63.4	48.6	72.8

Manual Integrations
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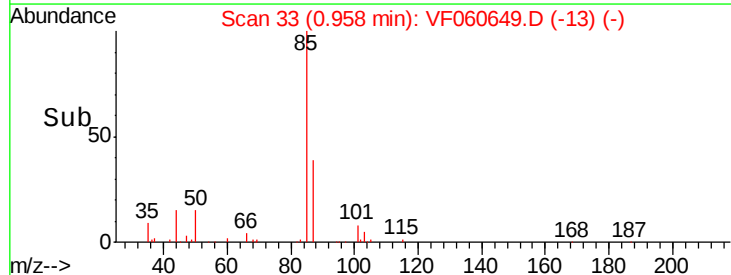
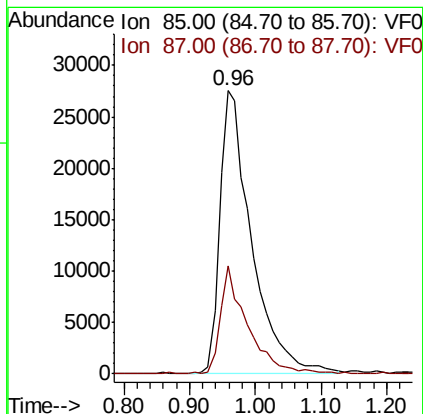
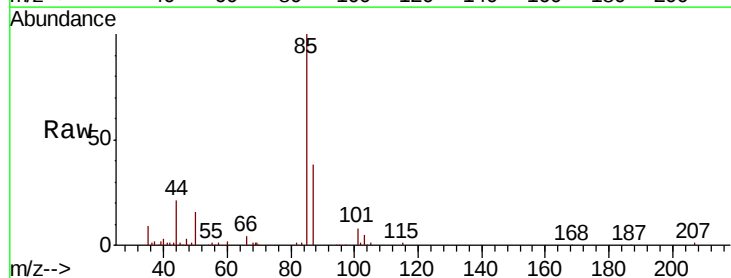
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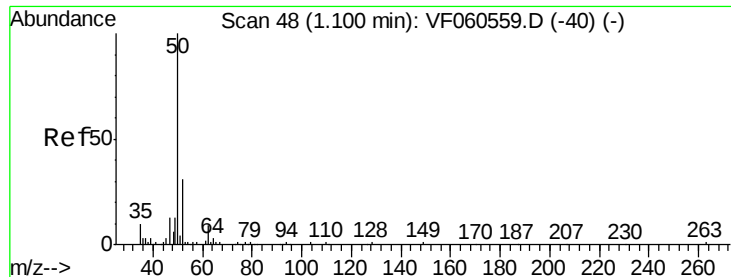


#2

Dichlorodifluoromethane
 Concen: 33.679 ug/l
 RT: 0.96 min Scan# 33
 Delta R.T. -0.00 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
85	100		
87	38.3	16.9	50.7





#3

Chloromethane

Concen: 28.880 ug/l

RT: 1.10 min Scan# 47

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBS01

Tot Ion: 50 Resp: 64163

Ion Ratio Lower Upper

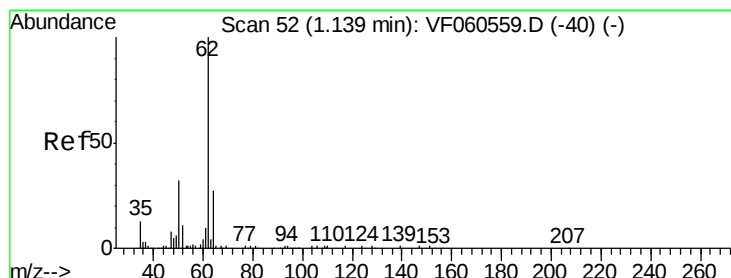
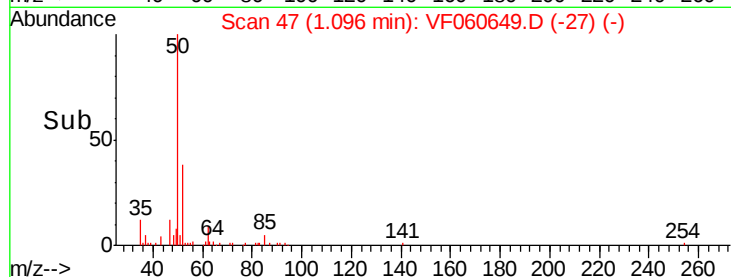
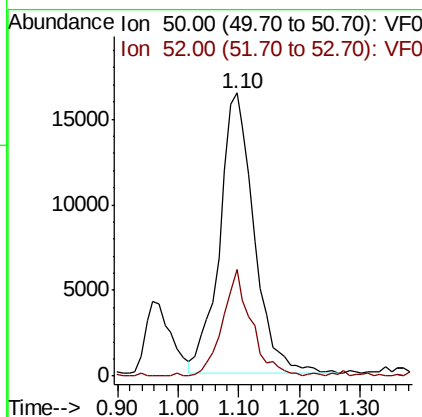
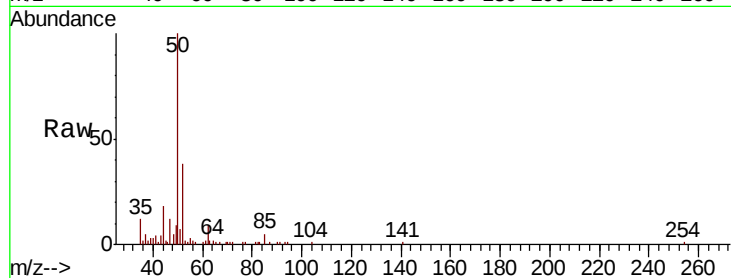
50 100

52 37.7 24.0 36.0#

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#4

Vinyl Chloride

Concen: 27.038 ug/l

RT: 1.14 min Scan# 51

Delta R.T. -0.00 min

Lab File: VF060649.D

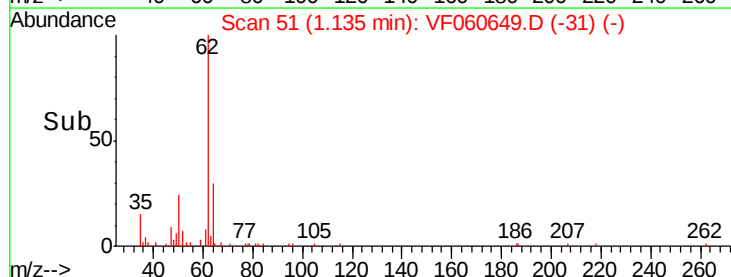
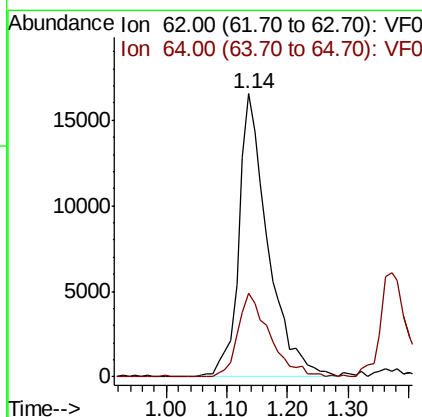
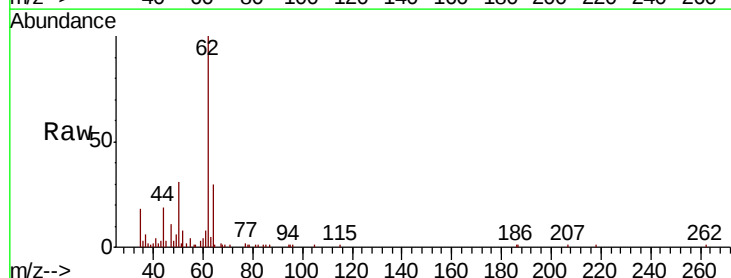
Acq: 8 Nov 2018 14:29

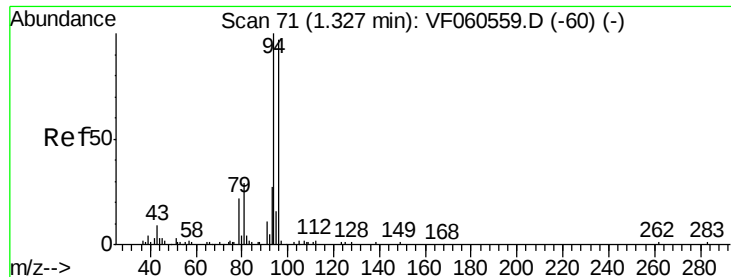
Tgt Ion: 62 Resp: 55355

Ion Ratio Lower Upper

62 100

64 29.7 21.8 32.6





#5

Bromomethane

Concen: 24.584 ug/l

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBSD01

Tot Ion: 94 Resp: 28251

Ion Ratio Lower Upper

94 100

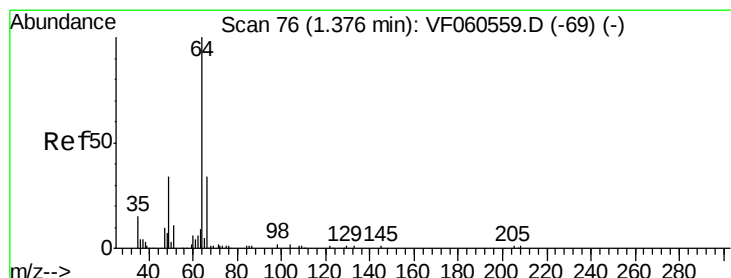
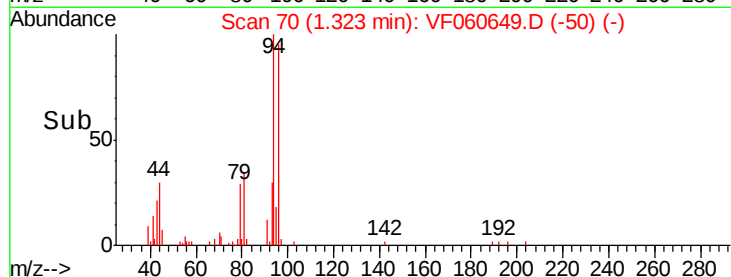
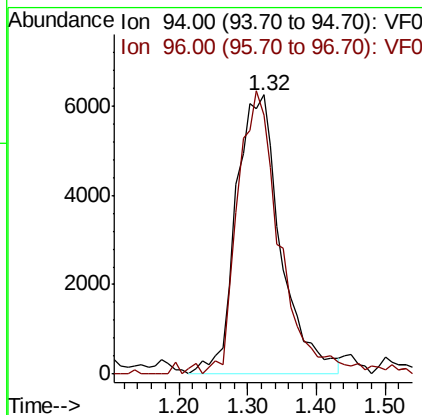
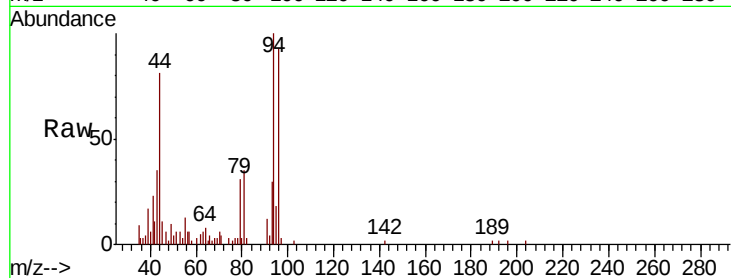
96 92.7 77.9 116.9

Manual Integrations

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#6

Chloroethane

Concen: 22.663 ug/l

RT: 1.37 min Scan# 75

Delta R.T. -0.00 min

Lab File: VF060649.D

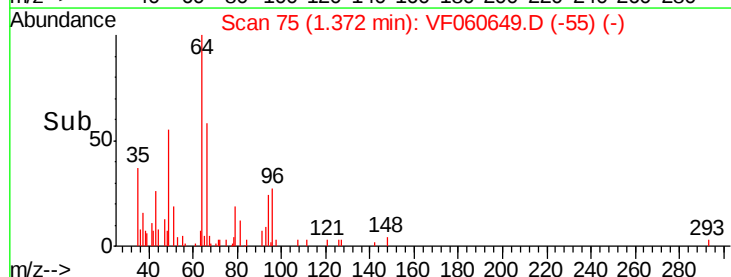
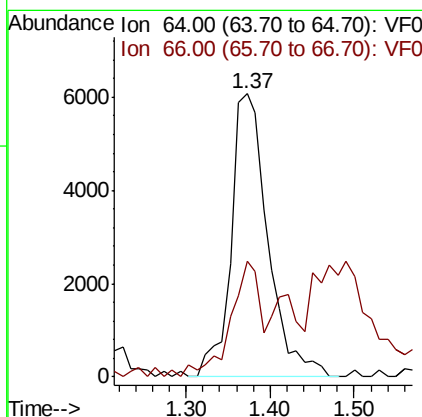
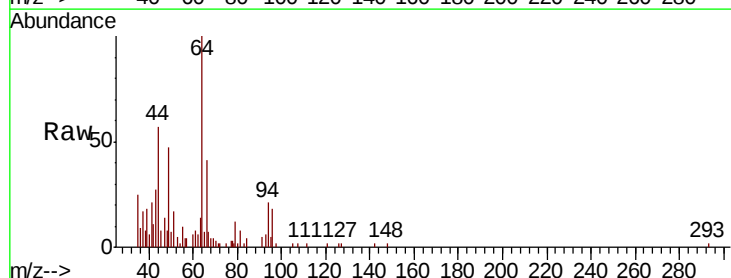
Acq: 8 Nov 2018 14:29

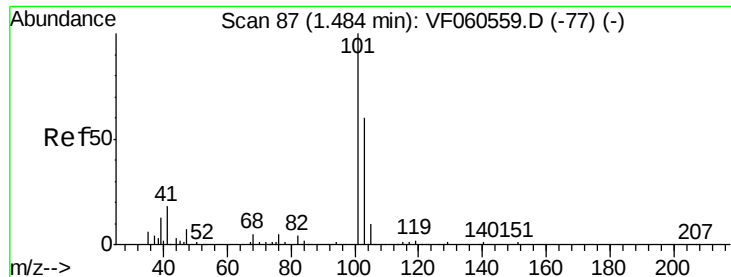
Tgt Ion: 64 Resp: 18489

Ion Ratio Lower Upper

64 100

66 40.7 27.8 41.8





#7

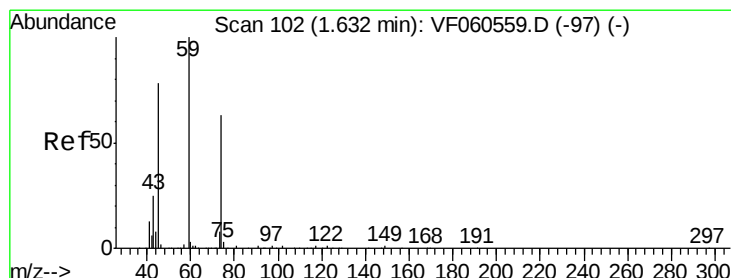
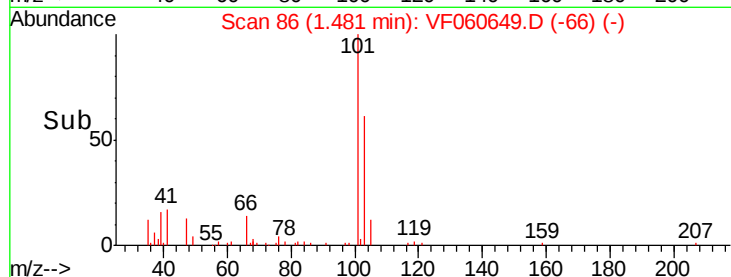
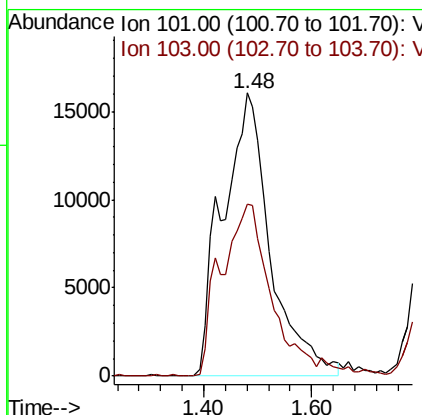
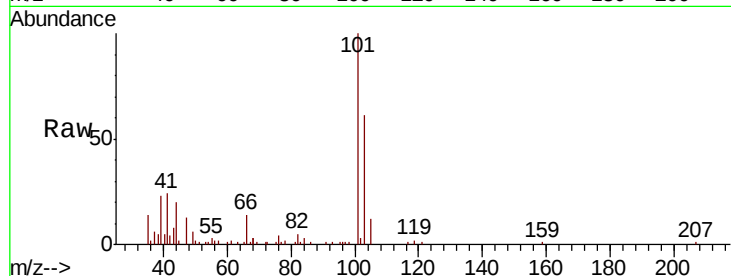
Trichlorofluoromethane
Concen: 25.761 ug/l
RT: 1.48 min Scan# 86
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.6	48.0	72.0

Manual Integrations
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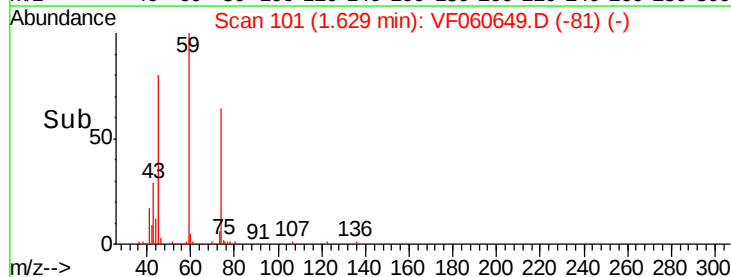
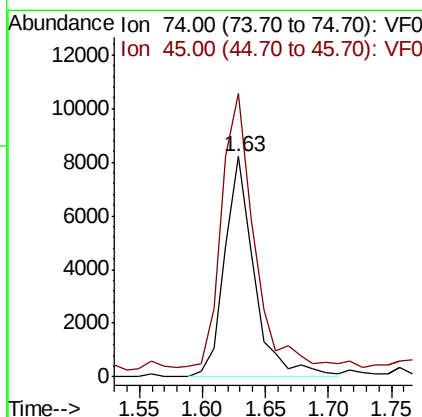
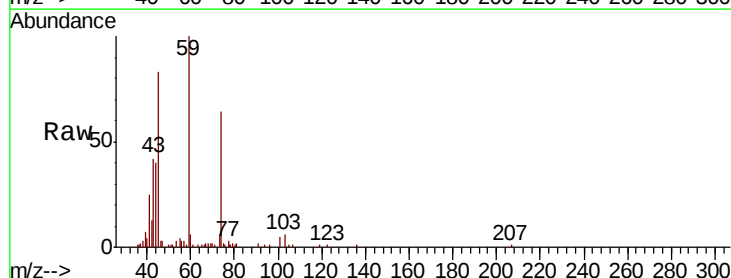
apatel
11/9/2018 3:31:48 PM

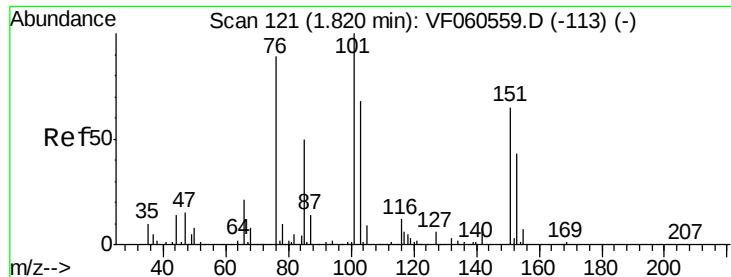


#8

Diethyl Ether
Concen: 18.681 ug/l
RT: 1.63 min Scan# 101
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	128.4	63.8	191.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 26.290 ug/l

RT: 1.82 min Scan# 120

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

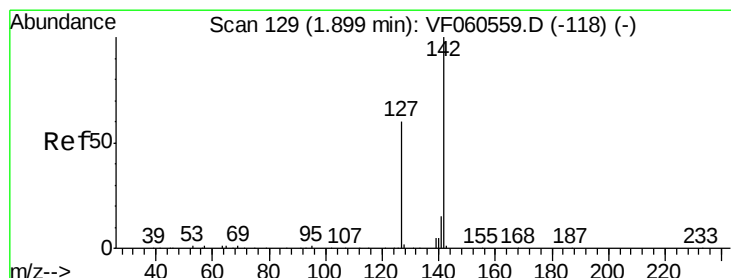
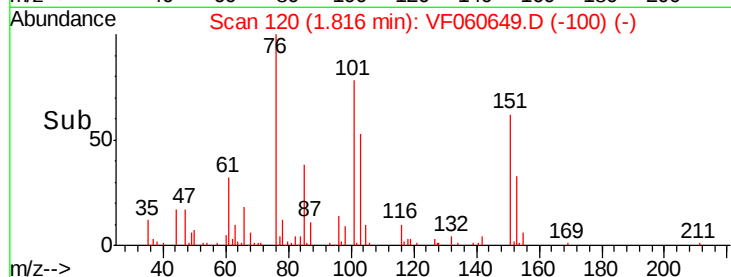
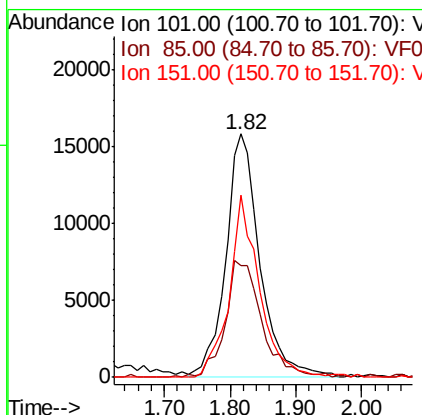
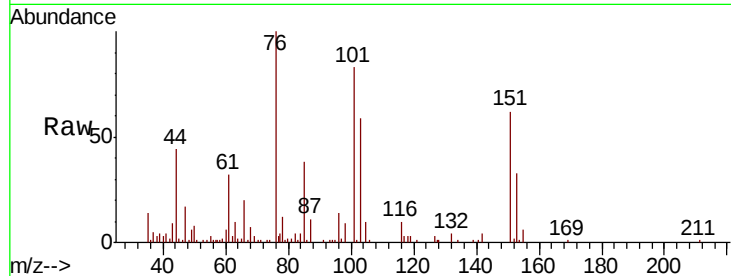
ClientSampleId :

VF1108SBS01

Tot Ion:	101	Resp:	57566
Ion Ratio	Lower	Upper	
101	100		
85	46.1	39.8	59.6
151	74.6	50.8	76.2

Manual Integrations
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#10

Methyl Iodide

Concen: 23.656 ug/l

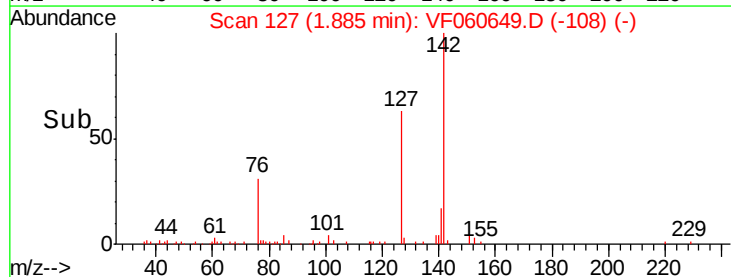
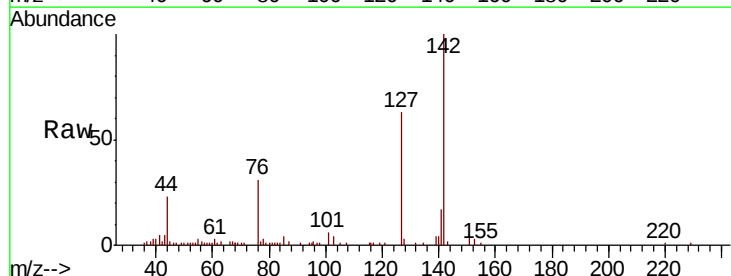
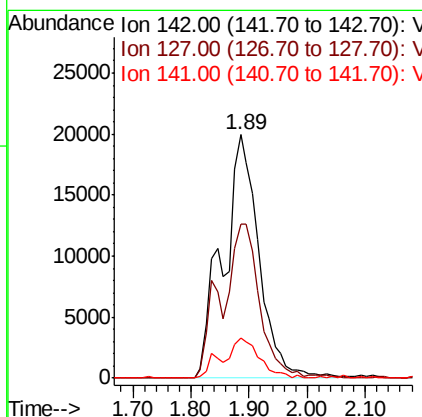
RT: 1.89 min Scan# 127

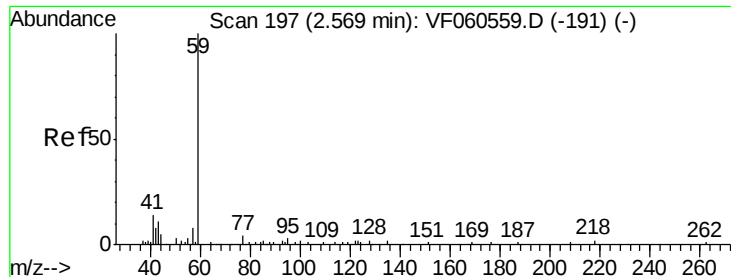
Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Tgt Ion:	142	Resp:	85238
Ion Ratio	Lower	Upper	
142	100		
127	63.4	47.8	71.6
141	16.6	12.7	19.1





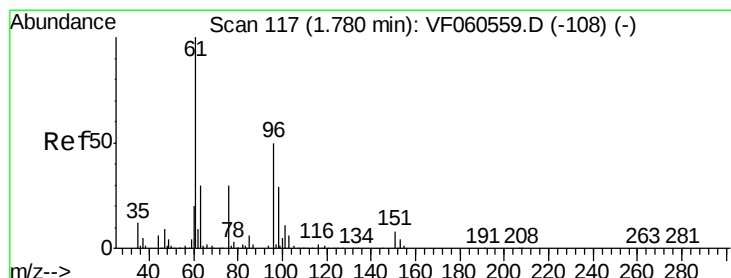
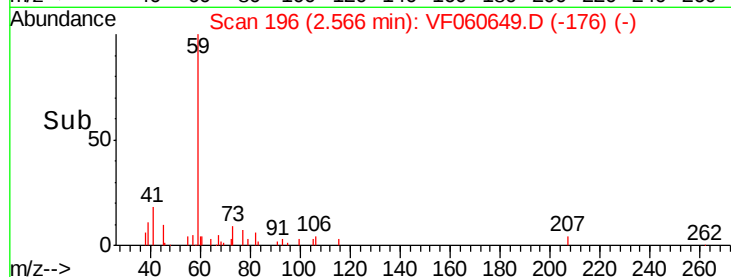
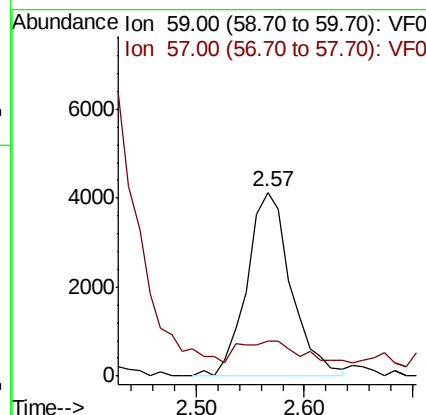
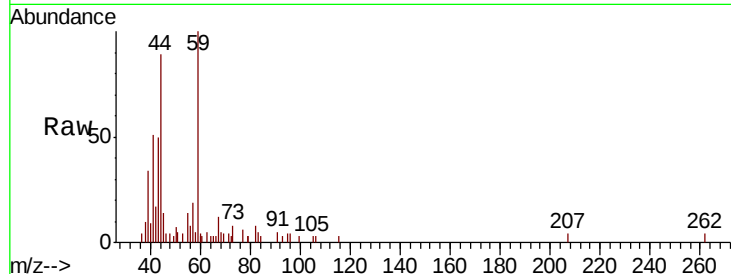
#11
Tert butyl alcohol
Concen: 82.579 ug/l
RT: 2.57 min Scan# 196
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBS01

Tot Ion: 59 Resp: 11702
Ion Ratio Lower Upper
59 100
57 19.4 19.0 28.4

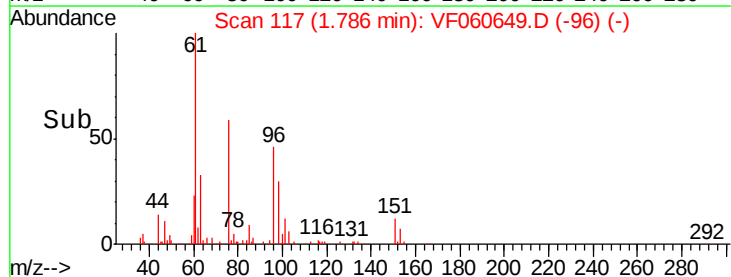
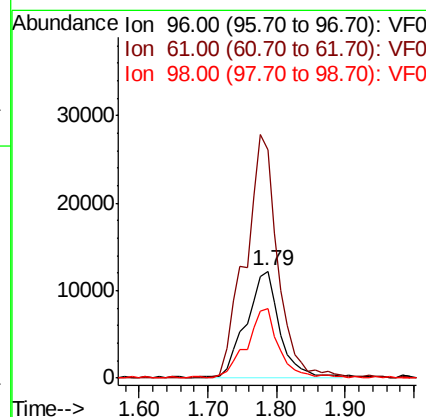
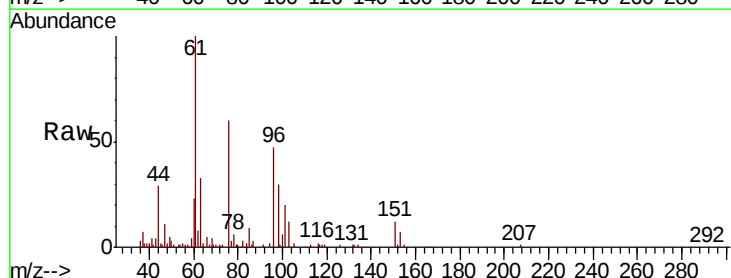
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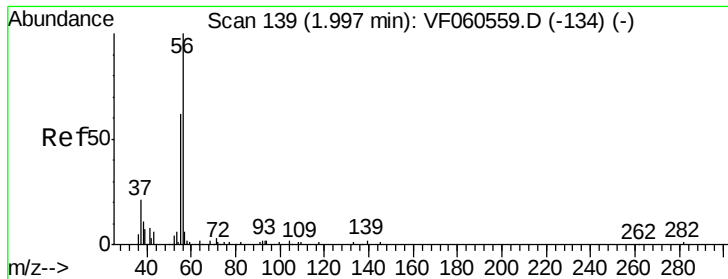
apatel
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#12
1,1-Dichloroethene
Concen: 22.692 ug/l
RT: 1.79 min Scan# 117
Delta R.T. 0.01 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion: 96 Resp: 41849
Ion Ratio Lower Upper
96 100
61 213.3 158.1 237.1
98 65.0 47.0 70.6





#13

Acrolein

Concen: 75.520 ug/l

RT: 2.00 min Scan# 139

Delta R.T. 0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBS01

Tot Ion: 56 Resp: 8332

Ion Ratio Lower Upper

56 100

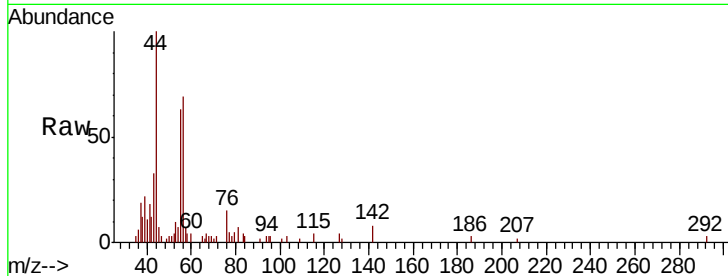
55 91.1 61.8 92.6

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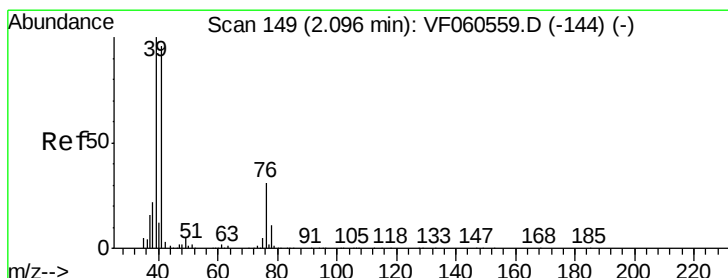
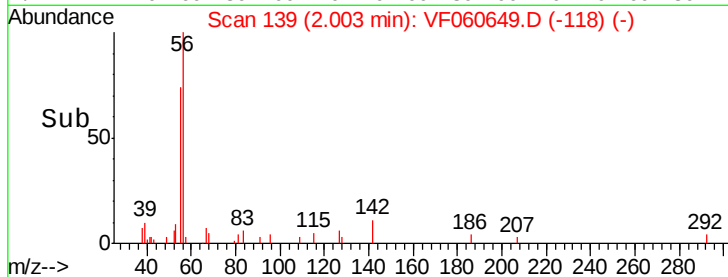
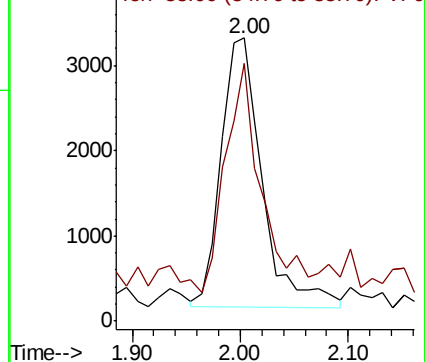
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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0



#14

Allyl chloride

Concen: 23.885 ug/l

RT: 2.09 min Scan# 148

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

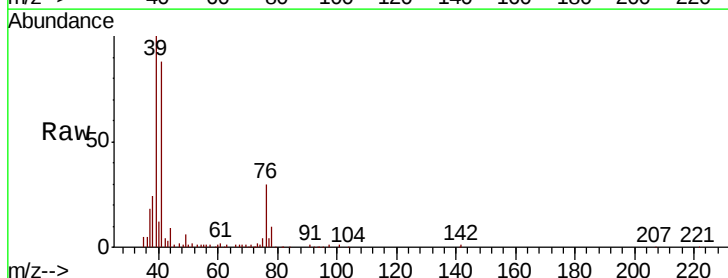
Tgt Ion: 41 Resp: 71924

Ion Ratio Lower Upper

41 100

39 114.0 82.6 124.0

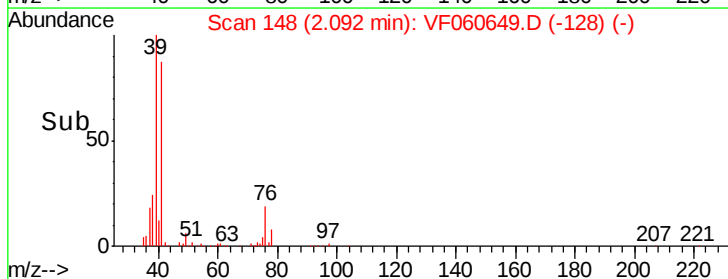
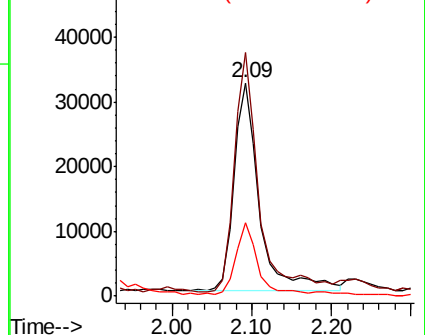
76 34.1 26.7 40.1

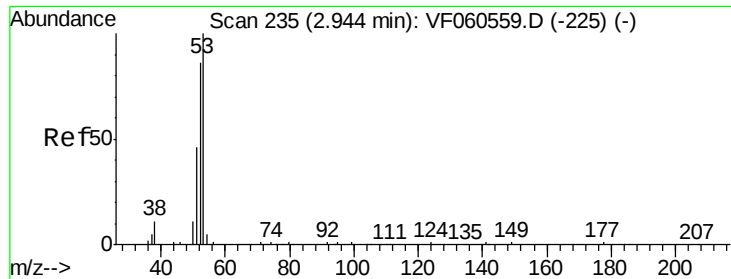


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0





#15

Acrylonitrile

Concen: 101.606 ug/l

RT: 2.93 min Scan# 233

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

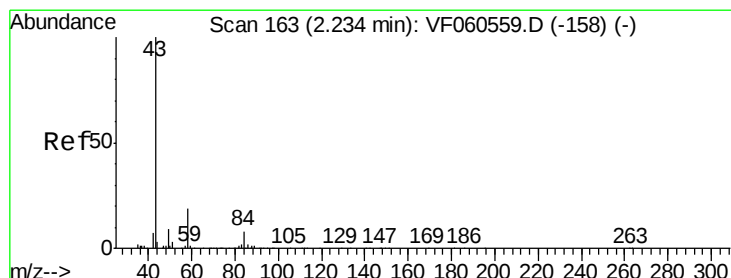
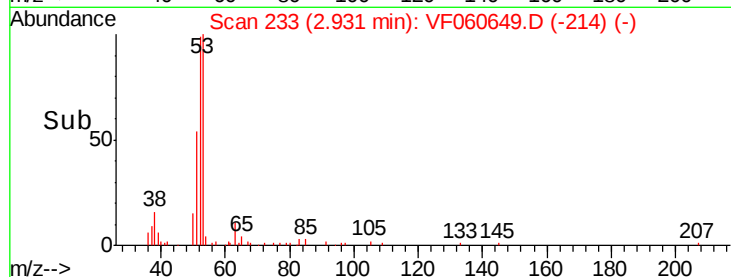
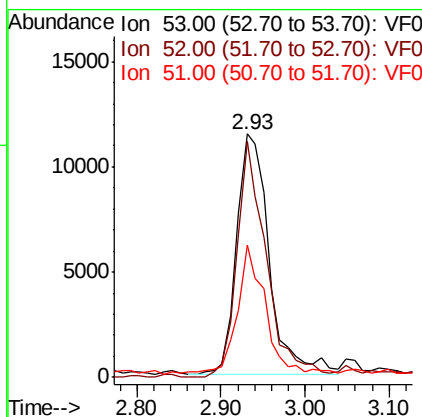
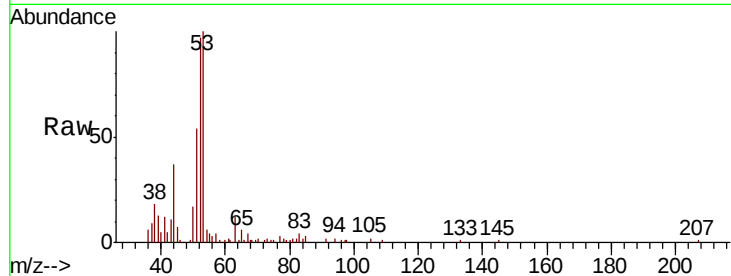
ClientSampleId :

VF1108SBS01

Tot Ion:	53	Resp:	31059
Ion	Ratio	Lower	Upper
53	100		
52	96.9	68.5	102.7
51	54.5	38.2	57.2

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#16

Acetone

Concen: 114.597 ug/l

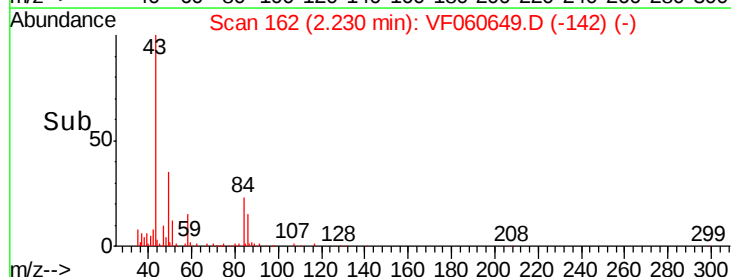
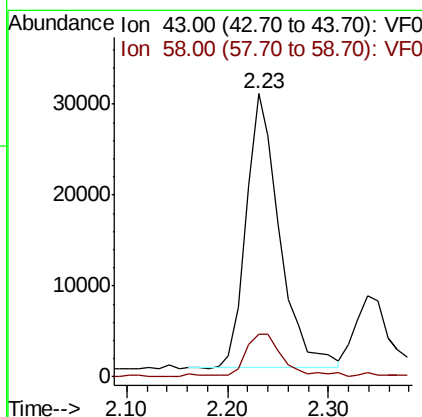
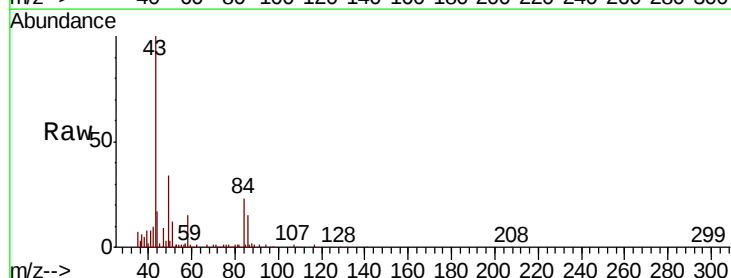
RT: 2.23 min Scan# 162

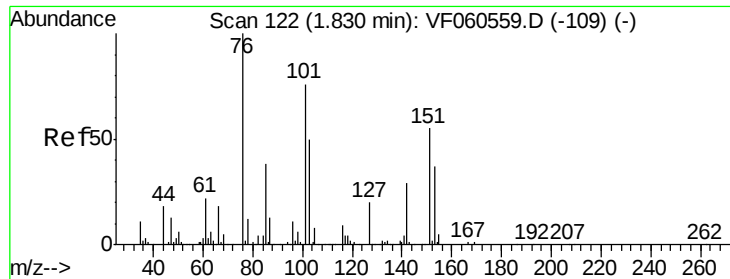
Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Tgt Ion:	43	Resp:	69261
Ion	Ratio	Lower	Upper
43	100		
58	14.9	14.6	22.0





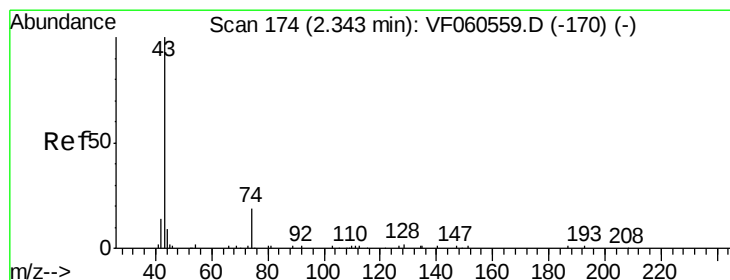
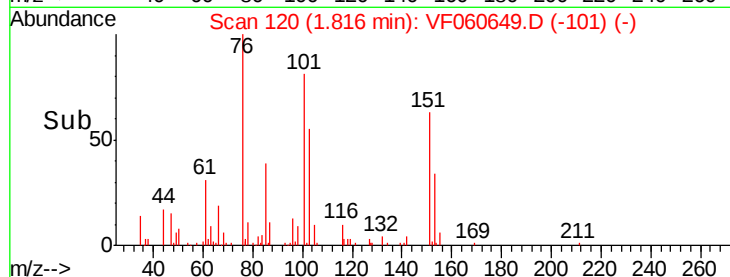
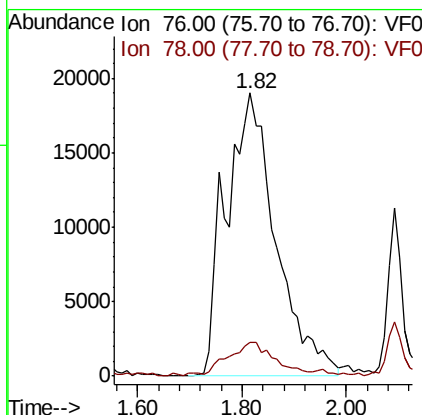
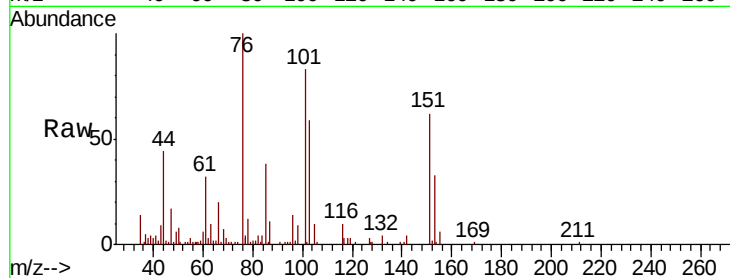
#17
Carbon Disulfide
Concen: 24.013 ug/l
RT: 1.82 min Scan# 120
Delta R.T. -0.01 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	12.1	9.9	14.9

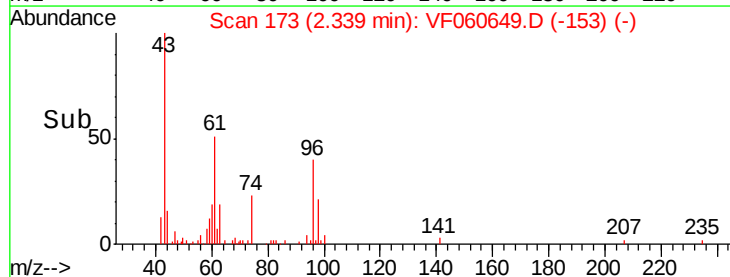
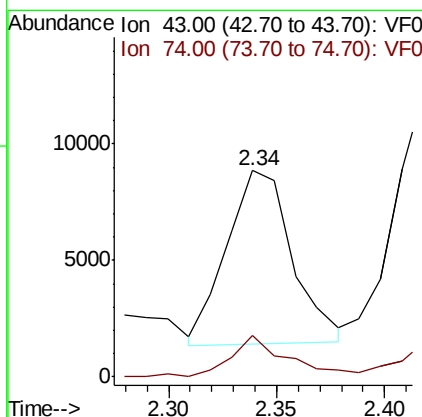
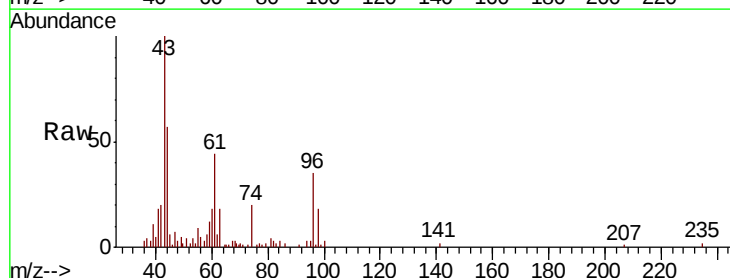
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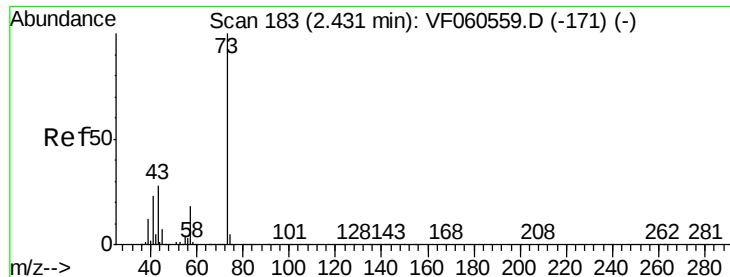
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#18
Methyl Acetate
Concen: 17.020 ug/l
RT: 2.34 min Scan# 173
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.9	12.1	18.1#





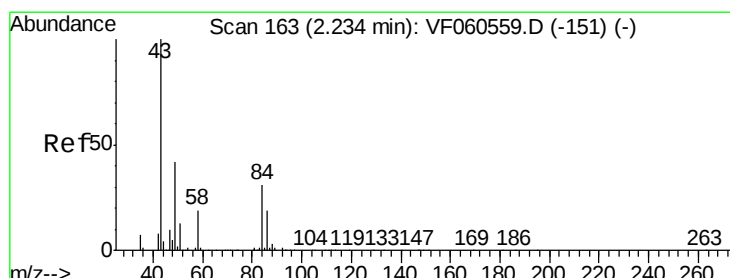
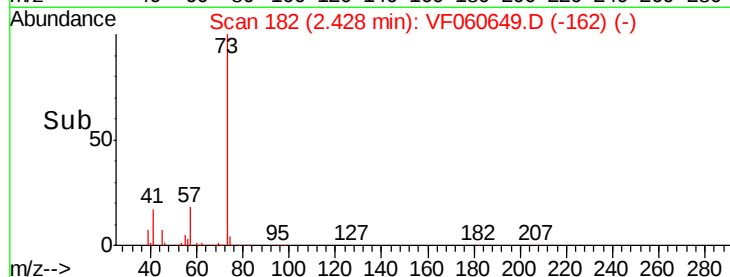
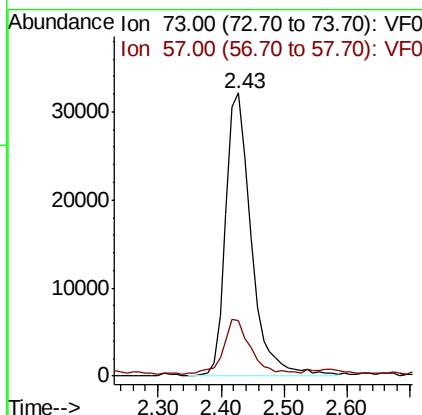
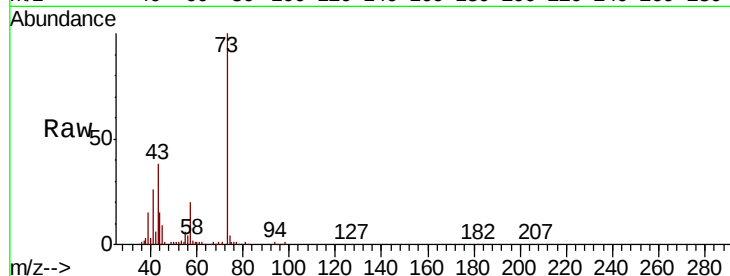
#19
Methyl tert-butyl Ether
Concen: 21.065 ug/l
RT: 2.43 min Scan# 182
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.8	15.4	23.0

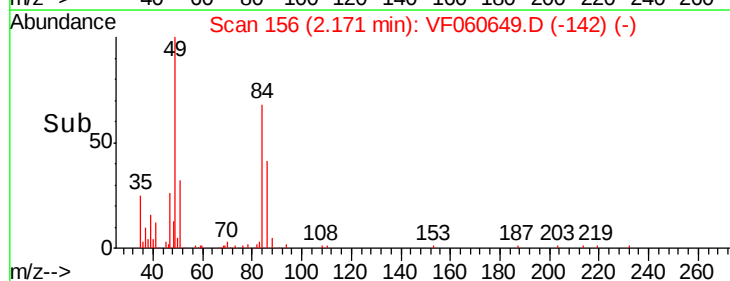
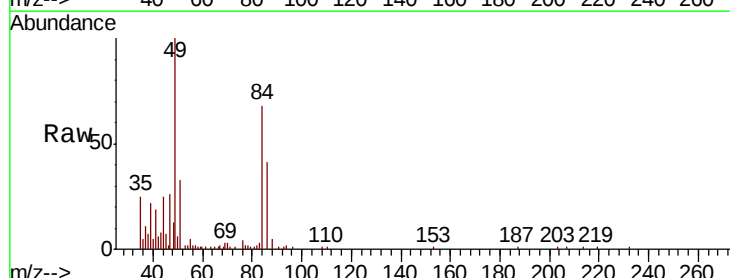
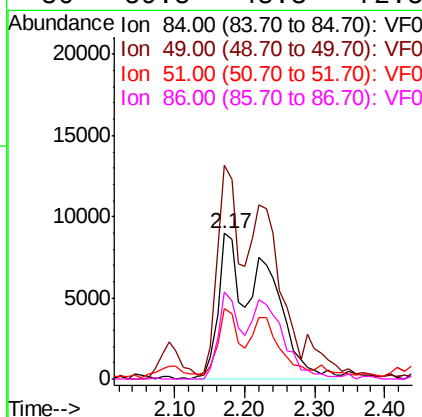
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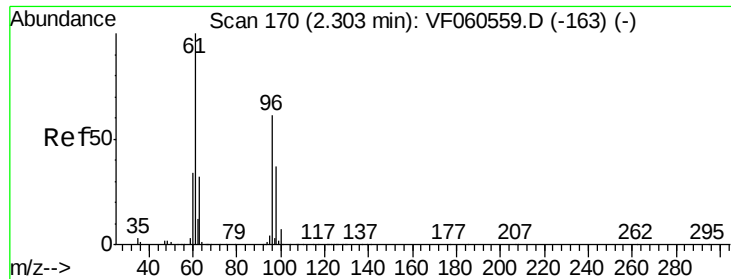
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#20
Methylene Chloride
Concen: 20.491 ug/l m
RT: 2.17 min Scan# 156
Delta R.T. -0.06 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	146.7	109.9	164.9
51	47.9	35.8	53.8
86	59.5	48.3	72.5





#21

trans-1,2-Dichloroethene

Concen: 21.313 ug/l

RT: 2.30 min Scan# 169

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

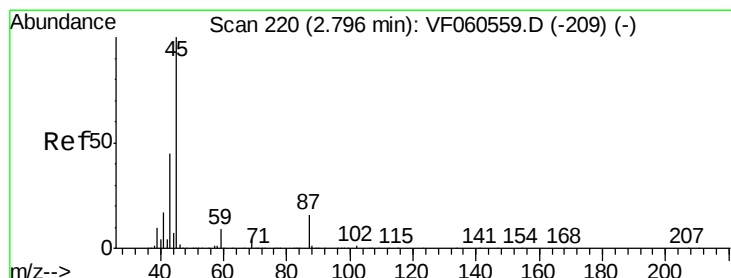
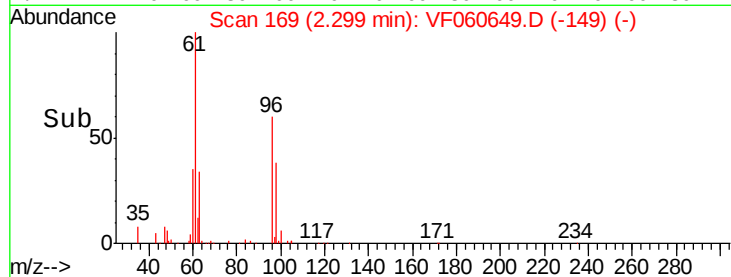
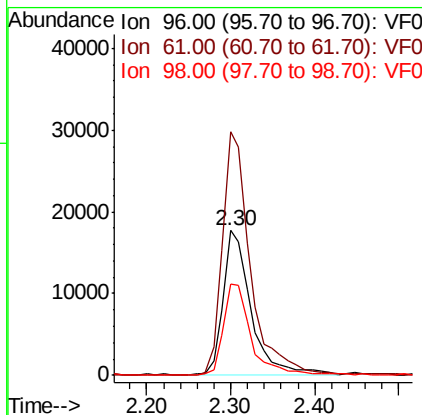
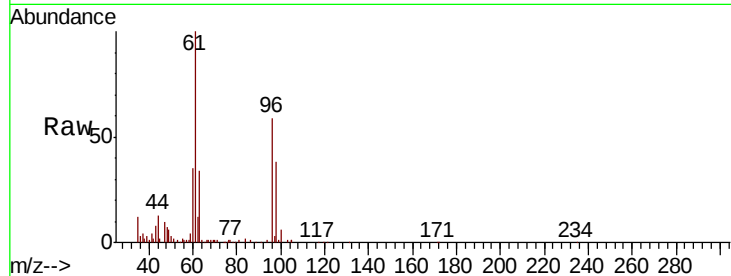
ClientSampleId :

VF1108SBS01

Tot Ion:	96	Resp:	41236
Ion	Ratio	Lower	Upper
96	100		
61	168.5	131.3	196.9
98	63.4	48.6	73.0

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#22

Diisopropyl ether

Concen: 22.770 ug/l

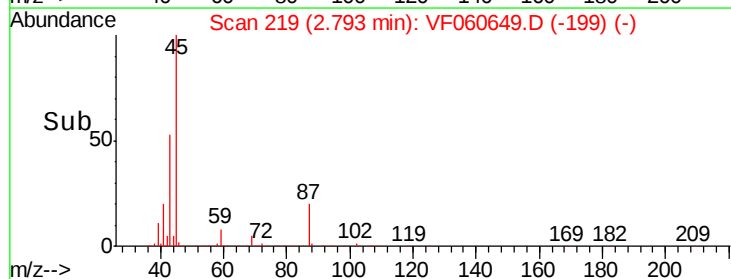
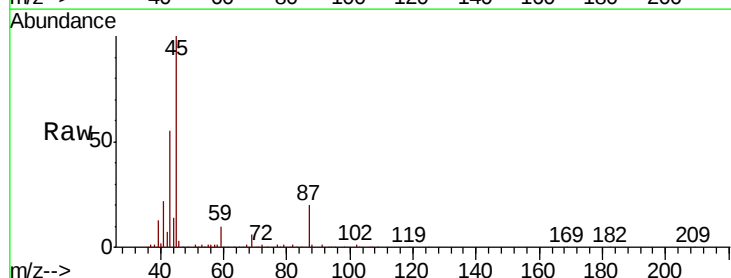
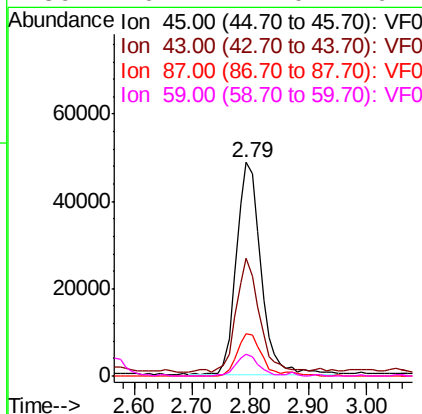
RT: 2.79 min Scan# 219

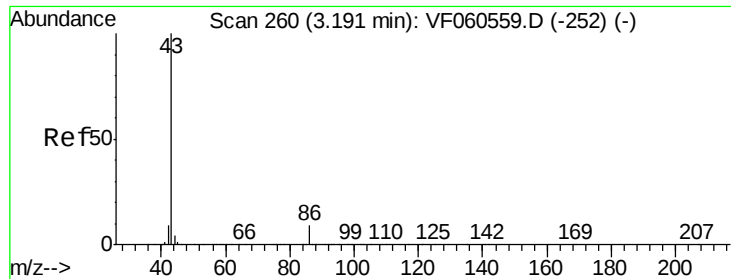
Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Tgt Ion:	45	Resp:	145275
Ion	Ratio	Lower	Upper
45	100		
43	55.0	38.1	57.1
87	19.8	12.7	19.1#
59	10.4	7.0	10.4





#23

Vinyl Acetate

Concen: 96.171 ug/l

RT: 3.18 min Scan# 258

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBS01

Tot Ion: 43 Resp: 368654

Ion Ratio Lower Upper

43 100

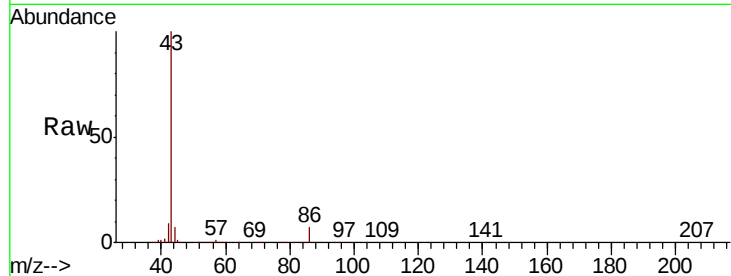
86 7.4 7.1 10.7

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

150000

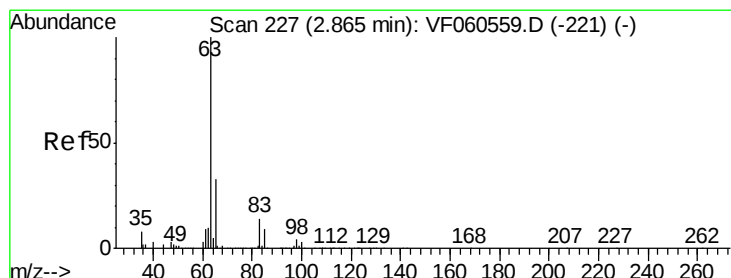
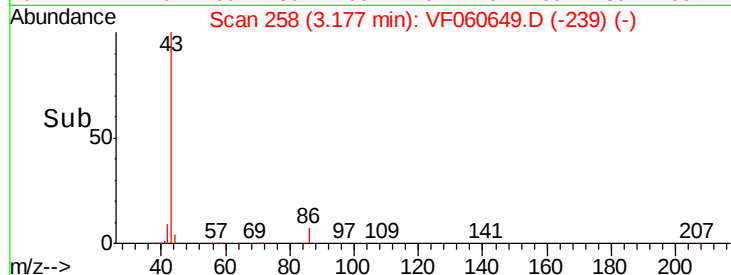
100000

50000

0

3.00 3.10 3.20 3.30 3.40

Time-->



#24

1,1-Dichloroethane

Concen: 23.959 ug/l

RT: 2.87 min Scan# 227

Delta R.T. 0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

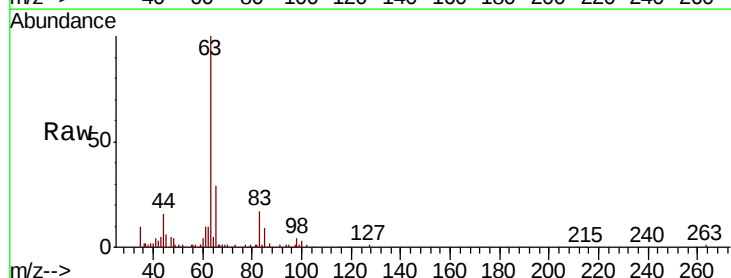
Tgt Ion: 63 Resp: 88466

Ion Ratio Lower Upper

63 100

98 3.9 2.2 6.6

100 2.8 1.4 4.0



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

40000

30000

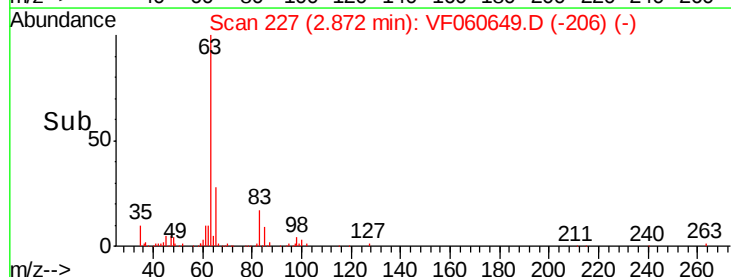
20000

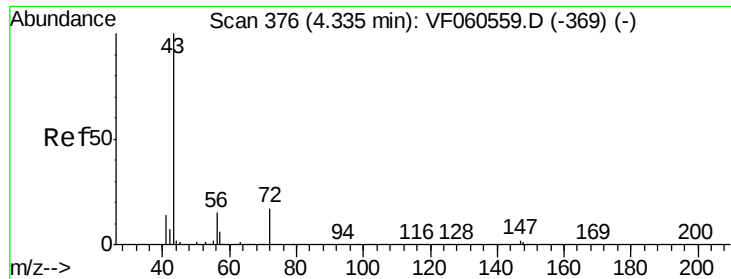
10000

0

2.70 2.80 2.90 3.00

Time-->





#25

2-Butanone

Concen: 98.661 ug/l

RT: 4.32 min Scan# 374

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBS01

Tot Ion: 43 Resp: 134214

Ion Ratio Lower Upper

43 100

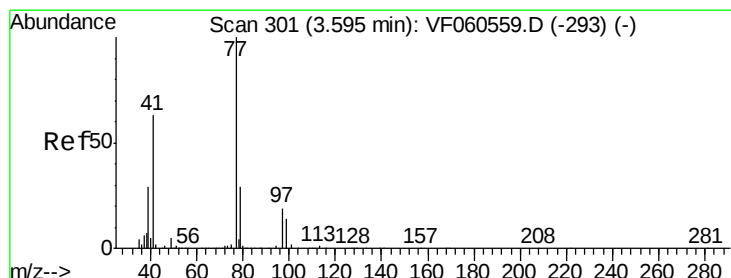
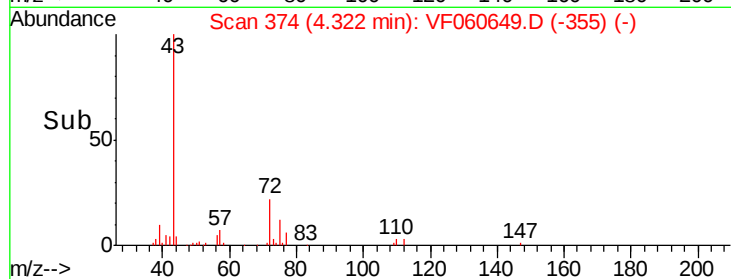
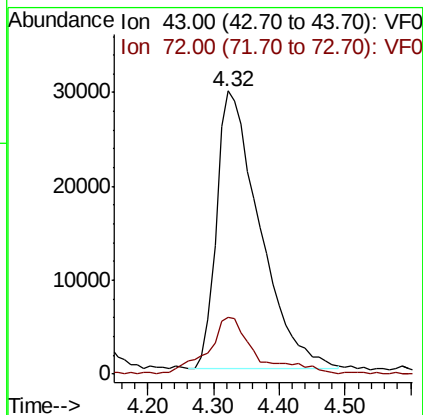
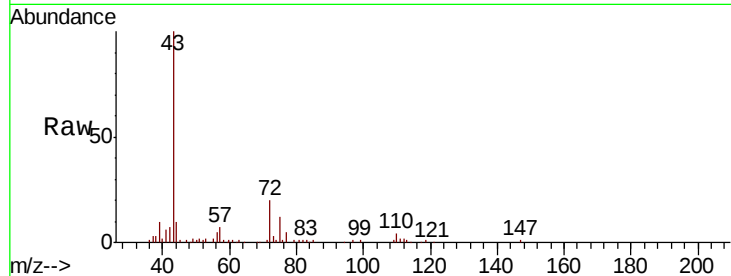
72 20.0 16.2 24.2

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#26

2,2-Dichloropropane

Concen: 24.285 ug/l

RT: 3.59 min Scan# 300

Delta R.T. -0.00 min

Lab File: VF060649.D

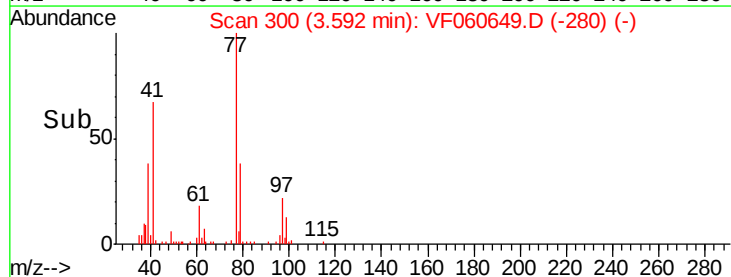
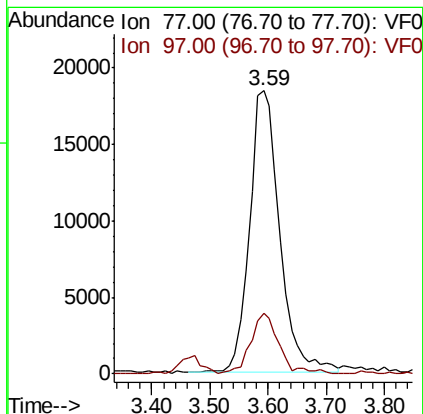
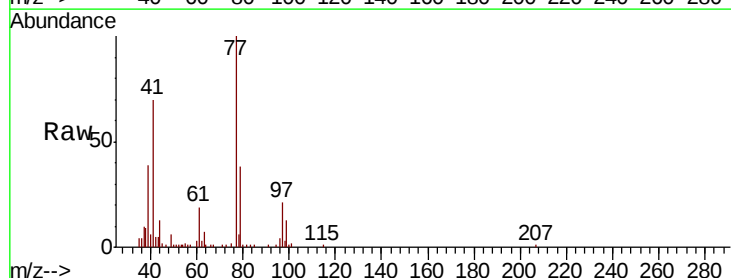
Acq: 8 Nov 2018 14:29

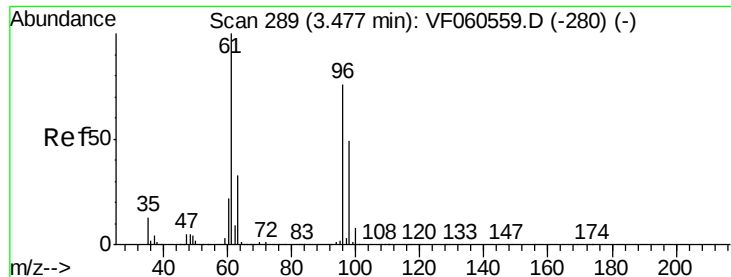
Tgt Ion: 77 Resp: 67094

Ion Ratio Lower Upper

77 100

97 21.5 9.8 29.3





#27

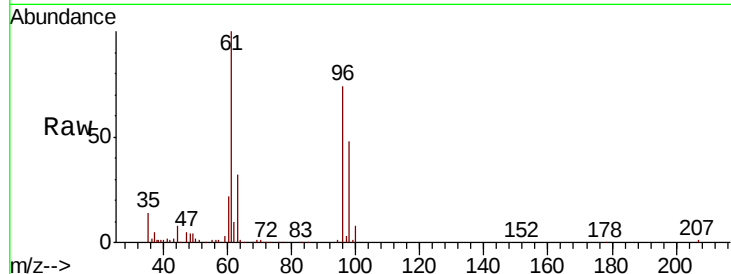
cis-1,2-Dichloroethene
Concen: 21.926 ug/l
RT: 3.47 min Scan# 288
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.2	0.0	263.0
98	64.9	0.0	130.6

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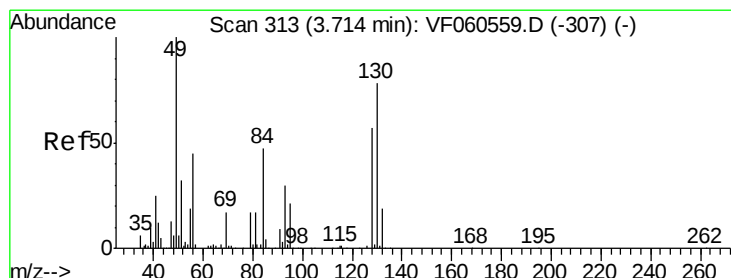
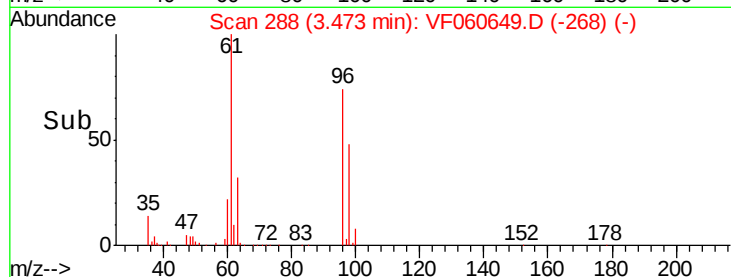
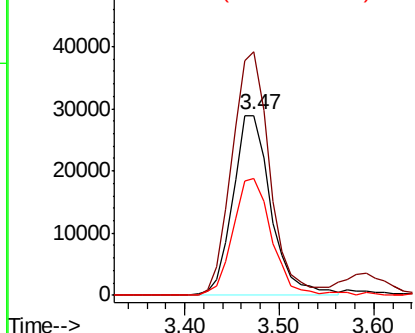


Abundance

Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

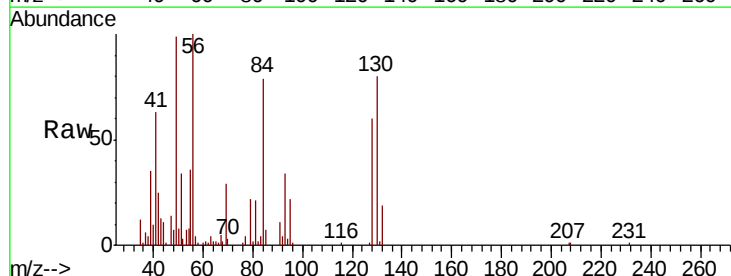
Ion 98.00 (97.70 to 98.70): VF0



#28

Bromochloromethane
Concen: 20.945 ug/l
RT: 3.71 min Scan# 312
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	81.1	61.8	92.8

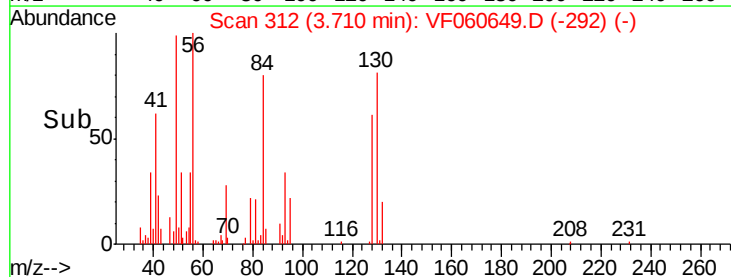
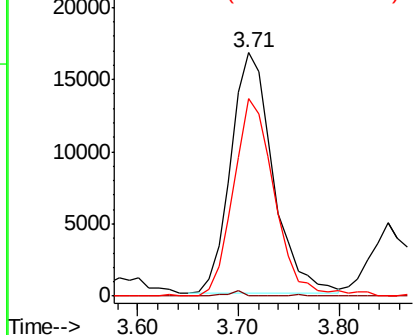


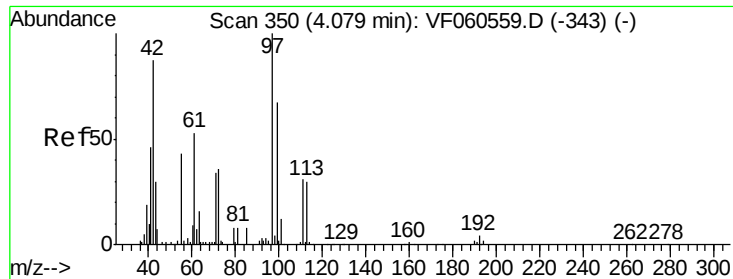
Abundance

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





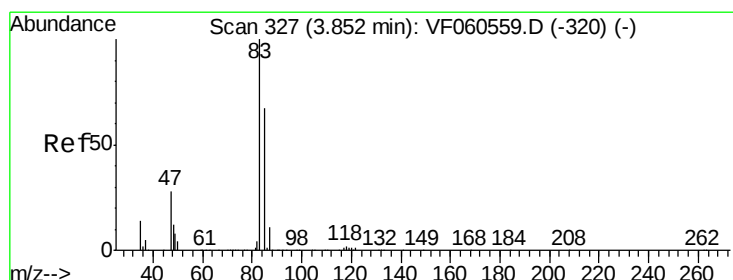
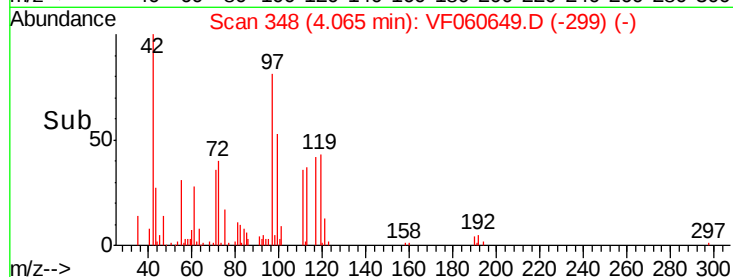
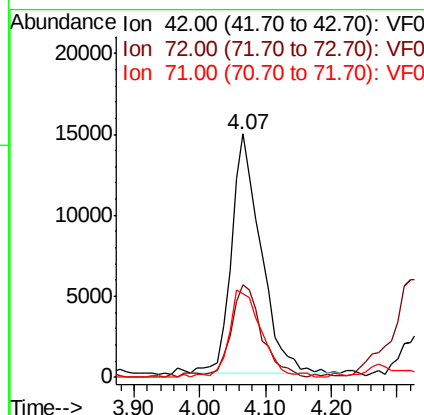
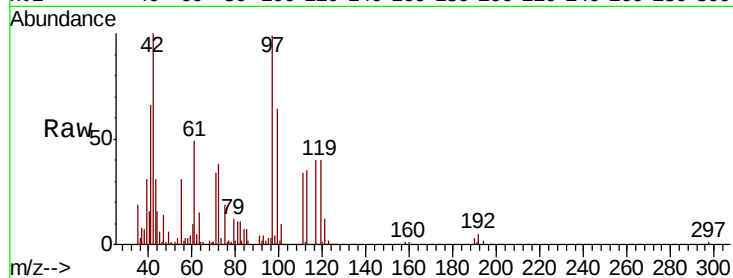
#29
Tetrahydrofuran
Concen: 98.107 ug/l
RT: 4.07 min Scan# 348
Delta R.T. -0.01 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	31.4	47.0
71	40.0	31.8	47.6

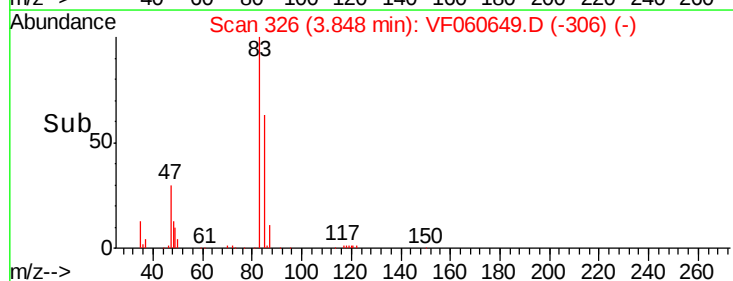
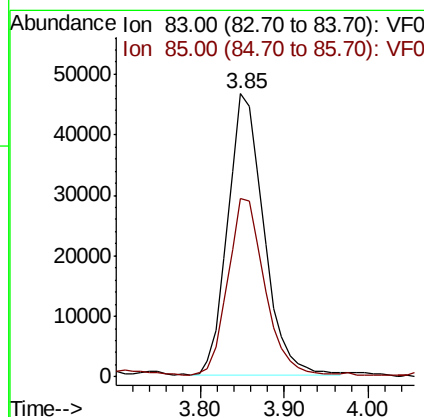
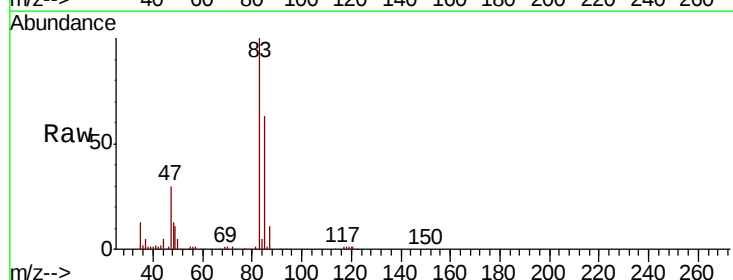
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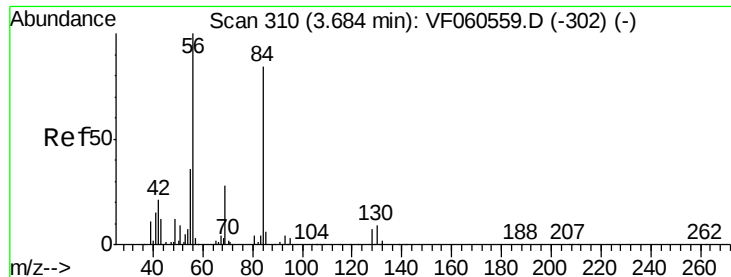
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#30
Chloroform
Concen: 23.907 ug/l
RT: 3.85 min Scan# 326
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	53.7	80.5





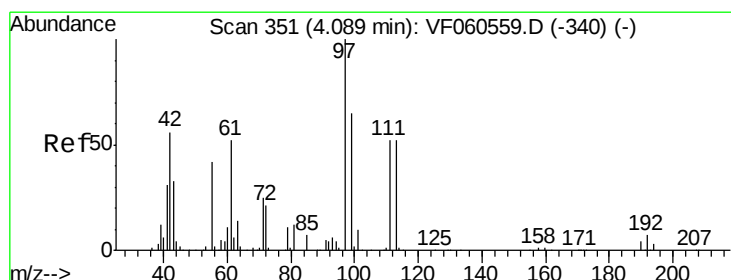
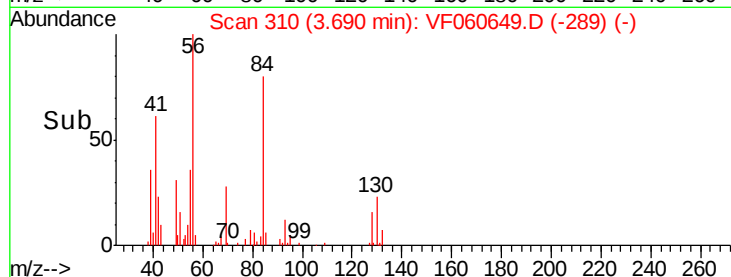
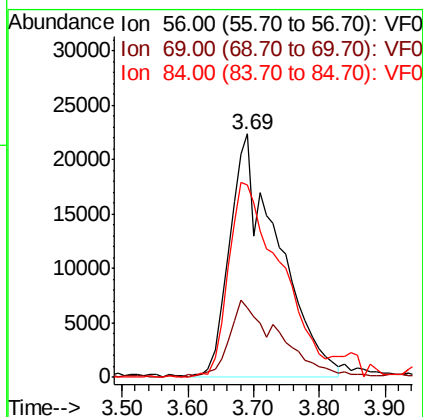
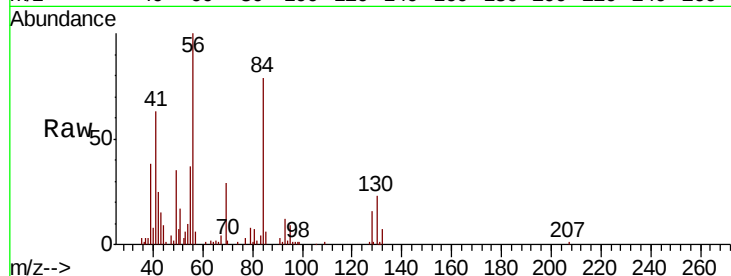
#31
Cyclohexane
Concen: 22.632 ug/l
RT: 3.69 min Scan# 310
Delta R.T. 0.01 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.0	34.4
84	79.0	67.1	100.7

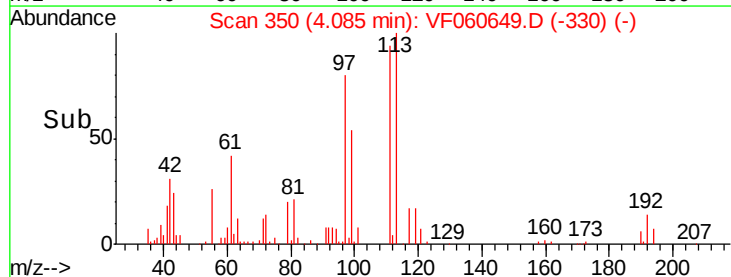
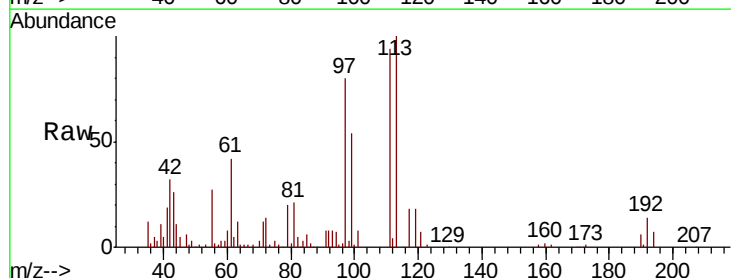
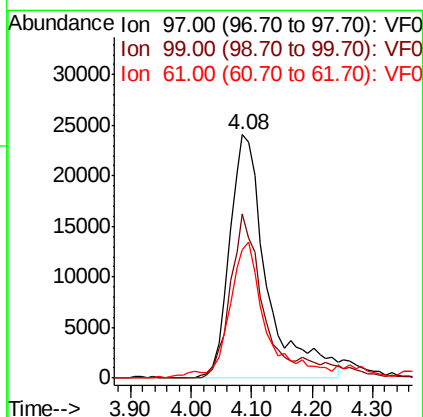
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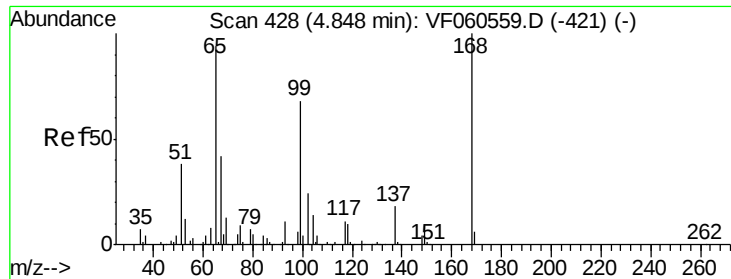
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#32
1,1,1-Trichloroethane
Concen: 25.407 ug/l
RT: 4.08 min Scan# 350
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.7	52.4	78.6
61	52.8	41.5	62.3





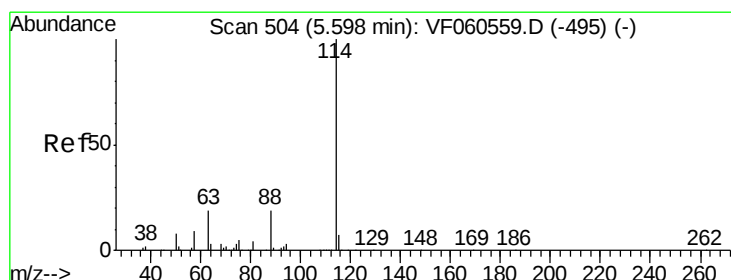
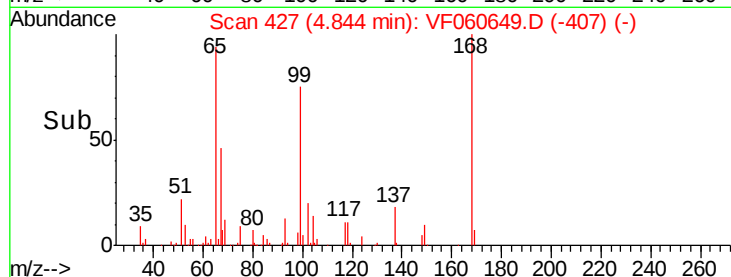
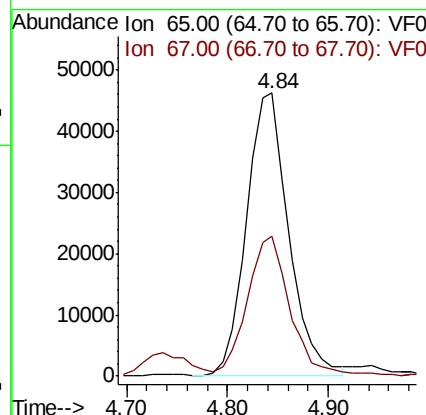
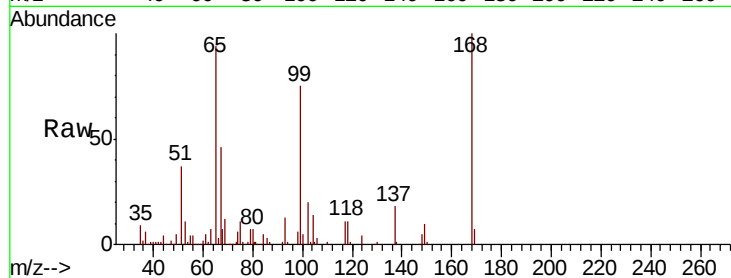
#33
 1,2-Dichloroethane-d4
 Concen: 52.278 ug/l
 RT: 4.84 min Scan# 427
 Delta R.T. -0.00 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1108SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	134086		
67	49.4	0.0	101.8	

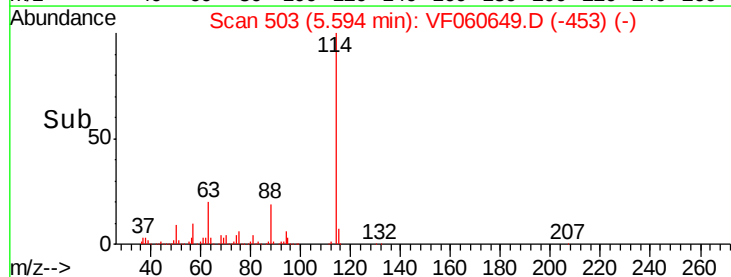
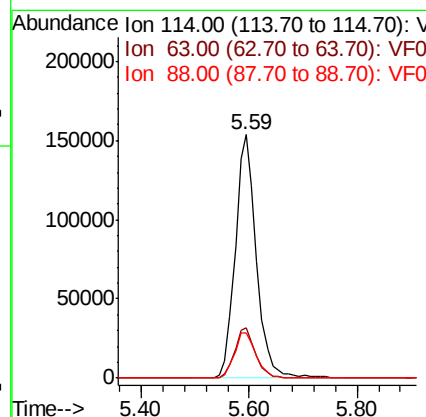
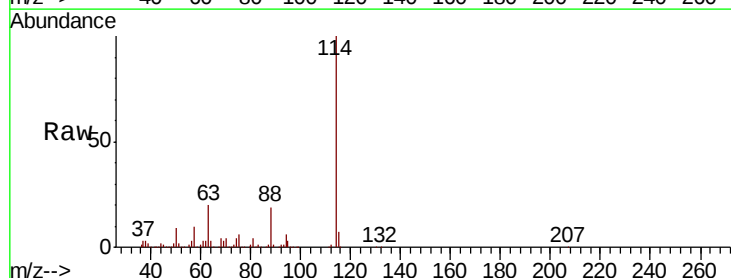
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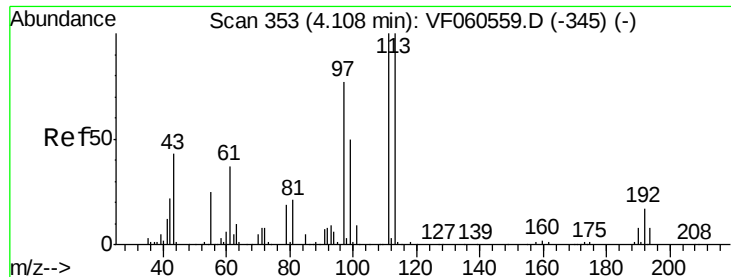
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.59 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	418806		
63	20.4	0.0	39.0	
88	18.7	0.0	38.2	





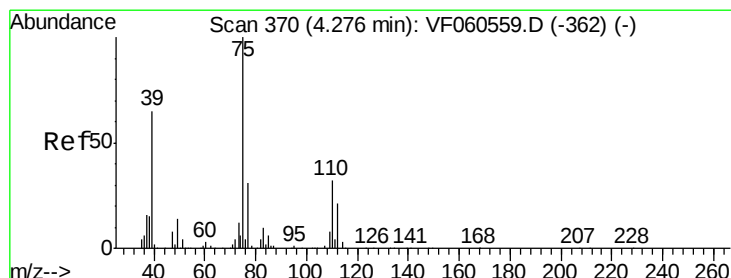
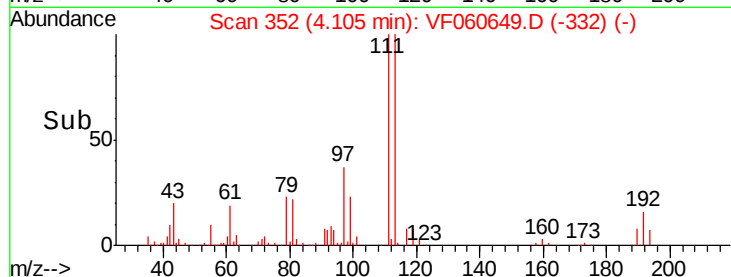
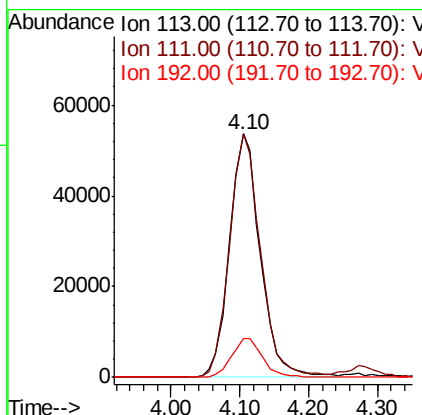
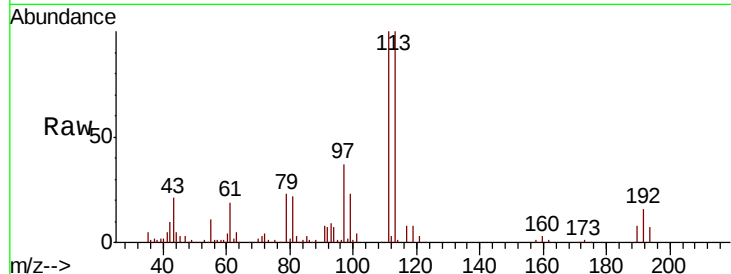
#35
 Dibromofluoromethane
 Concen: 51.465 ug/l
 RT: 4.10 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1108SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	166524		
111	99.9	79.9	119.9	
192	16.2	13.3	19.9	

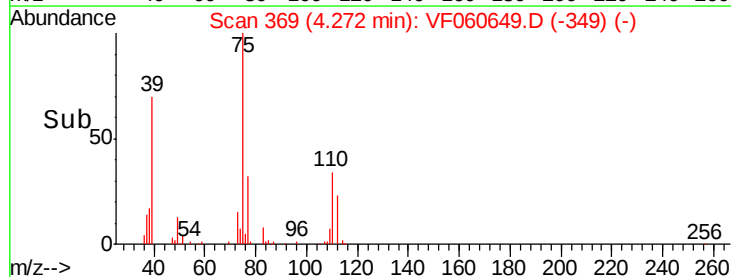
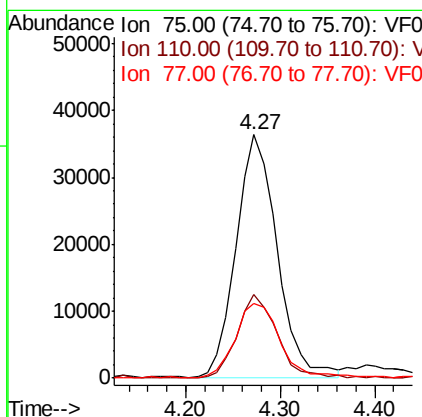
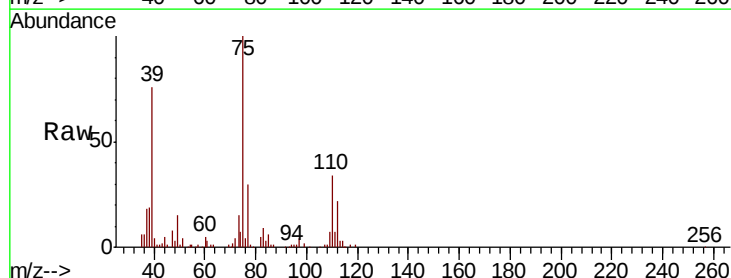
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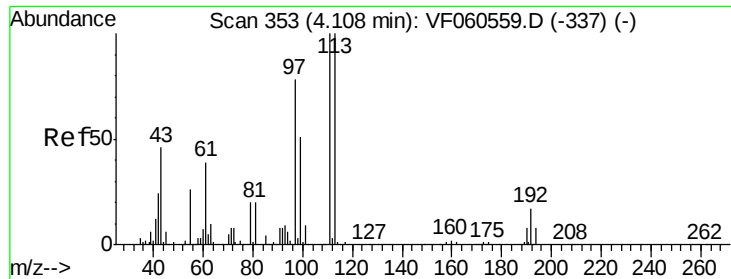
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#36
 1,1-Dichloropropene
 Concen: 23.727 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	109413		
110	34.1	16.2	48.6	
77	30.5	25.0	37.6	





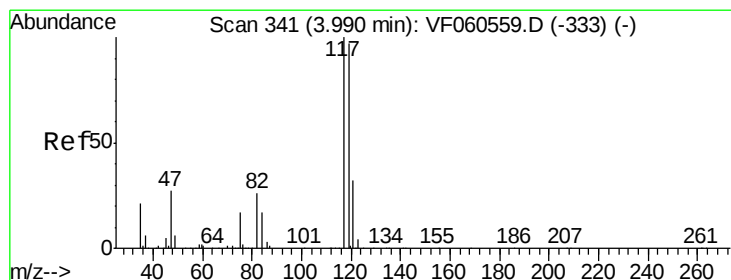
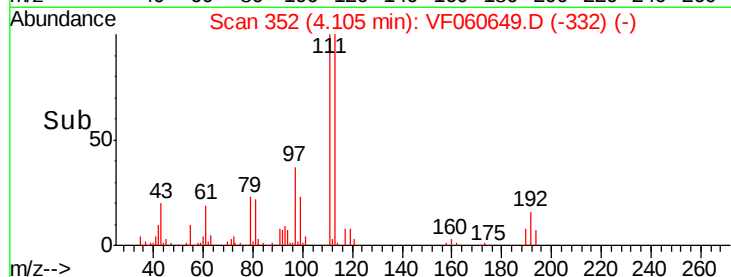
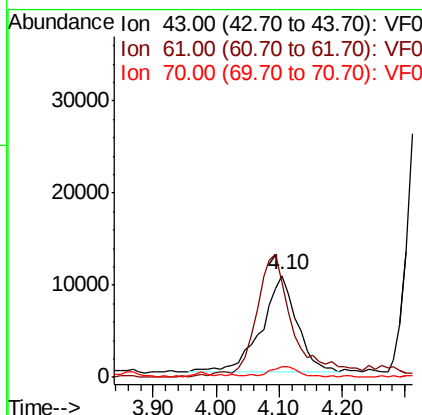
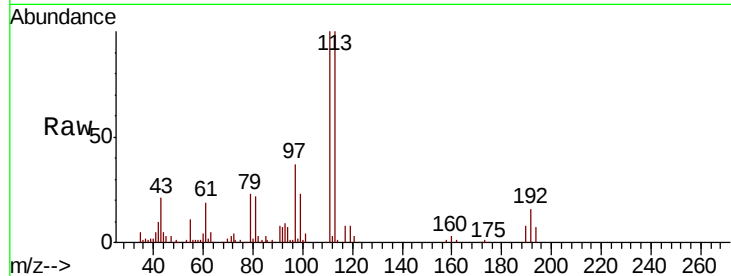
#37
Ethyl Acetate
Concen: 18.548 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	93.6	63.4	95.2
70	9.9	9.3	13.9

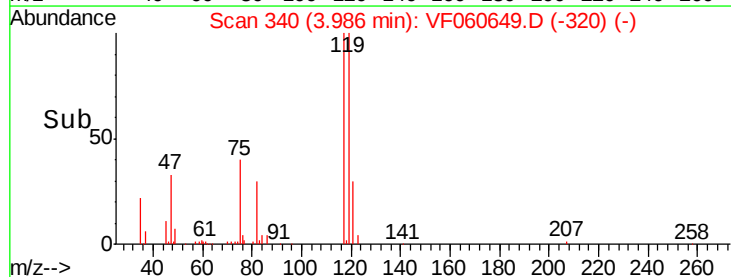
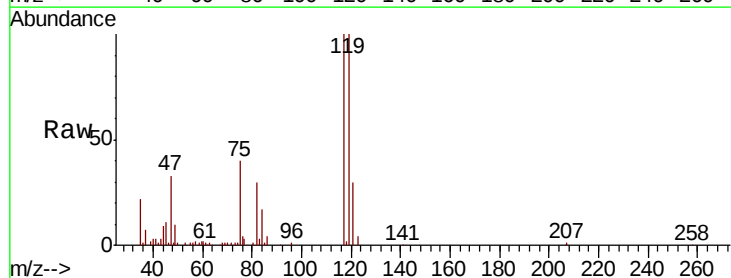
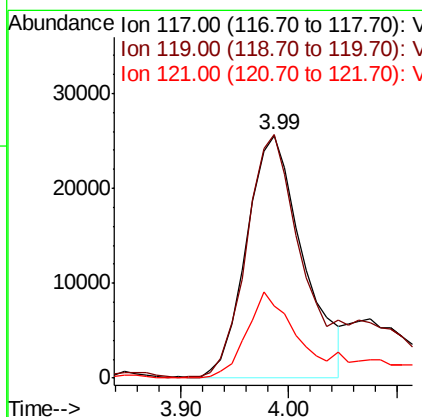
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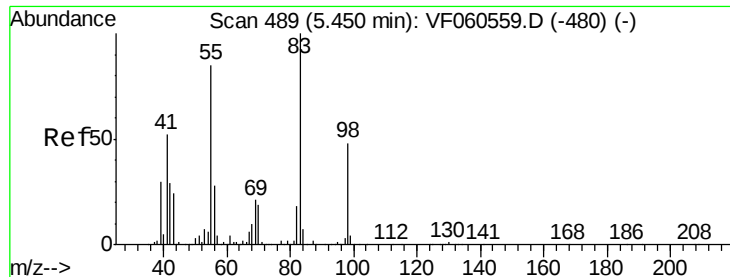
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#38
Carbon Tetrachloride
Concen: 23.616 ug/l
RT: 3.99 min Scan# 340
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	77.8	116.6
121	29.9	25.6	38.4





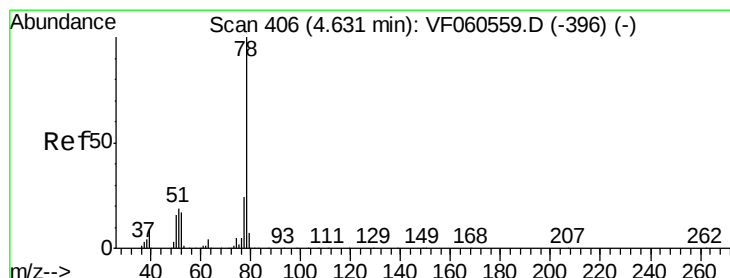
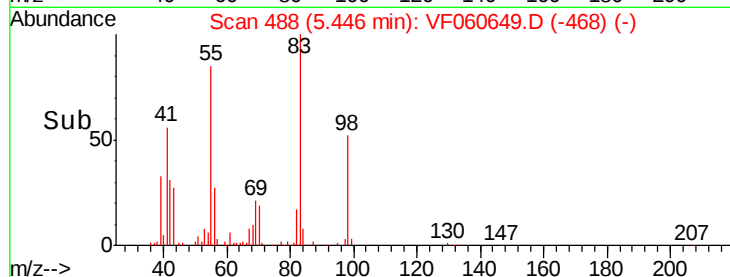
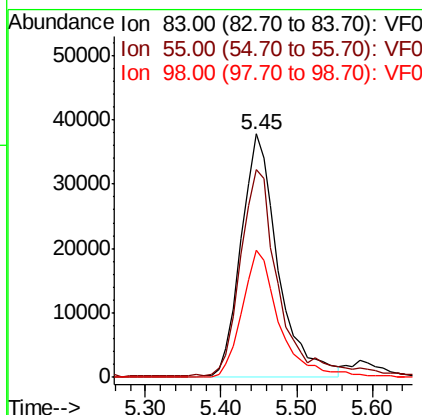
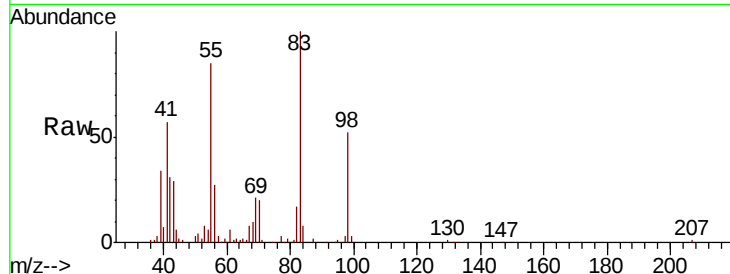
#39
Methvlcvclohexane
Concen: 22.847 ug/l
RT: 5.45 min Scan# 488
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.3	69.1	103.7
98	52.1	38.6	57.8

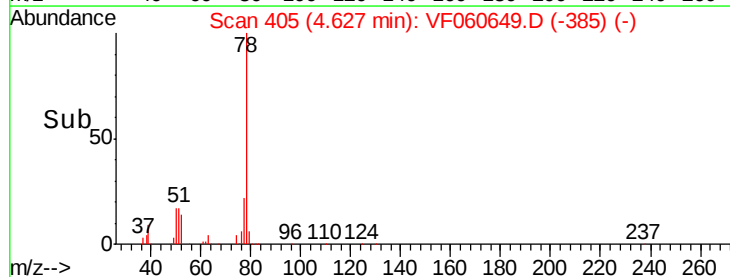
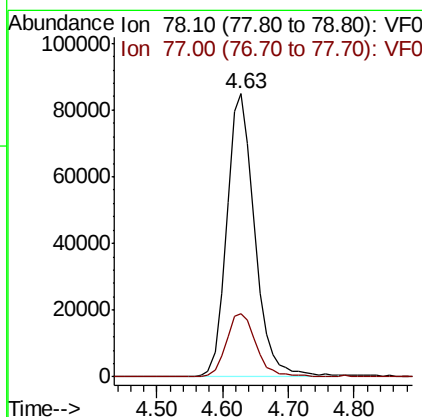
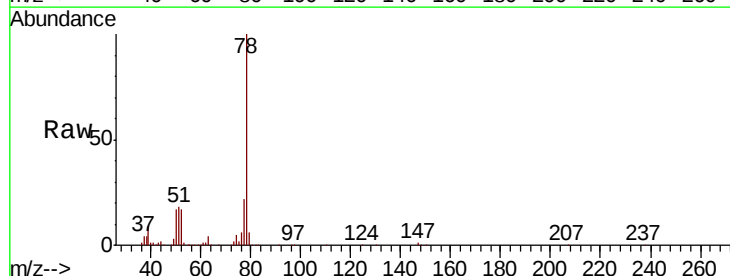
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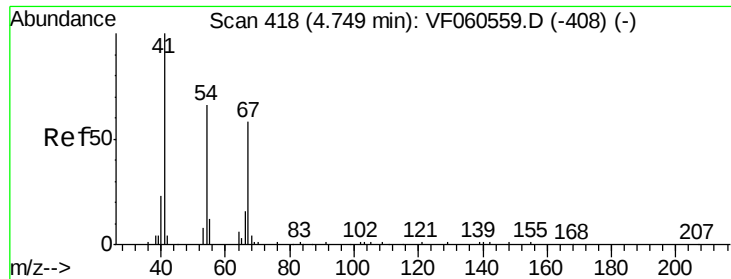
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#40
Benzene
Concen: 22.615 ug/l
RT: 4.63 min Scan# 405
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.3	28.9





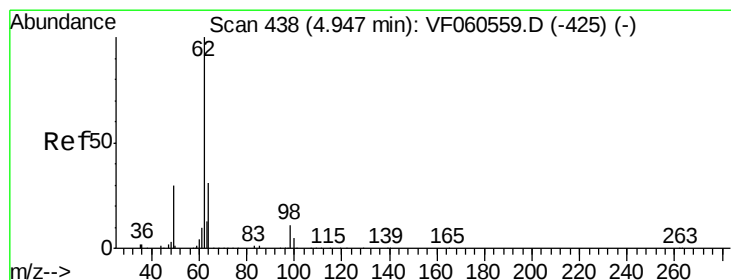
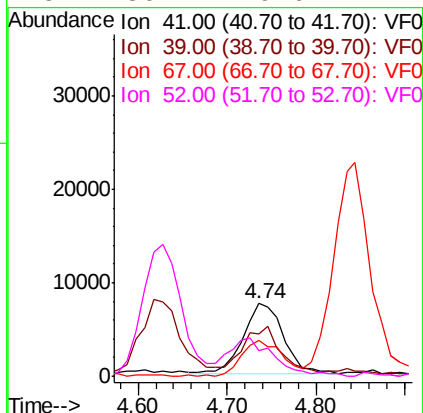
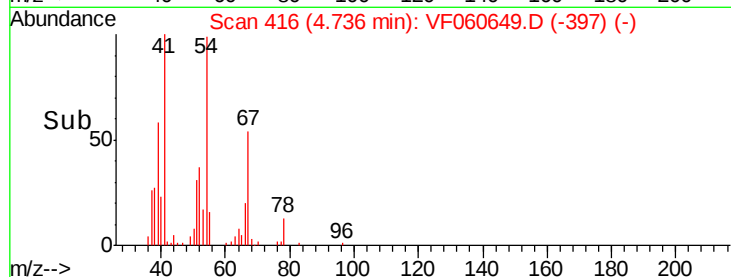
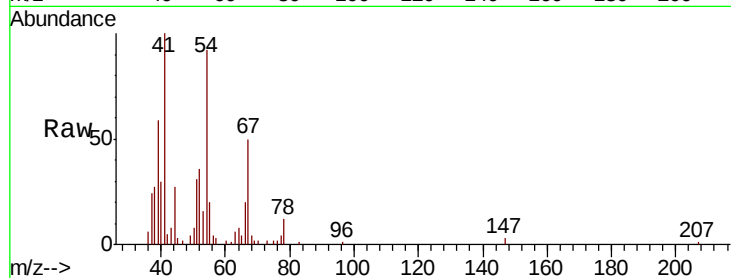
#41
Methacrylonitrile
Concen: 18.441 ug/l
RT: 4.74 min Scan# 416
Delta R.T. -0.01 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.5	45.6	68.4
67	50.0	45.3	67.9
52	36.1	29.6	44.4

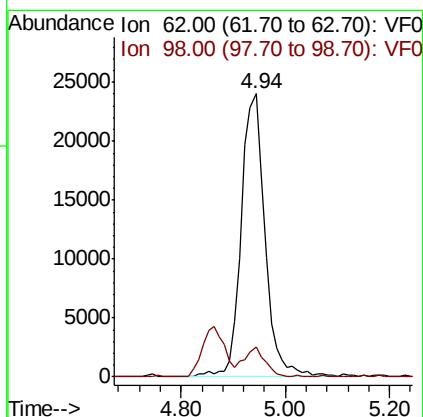
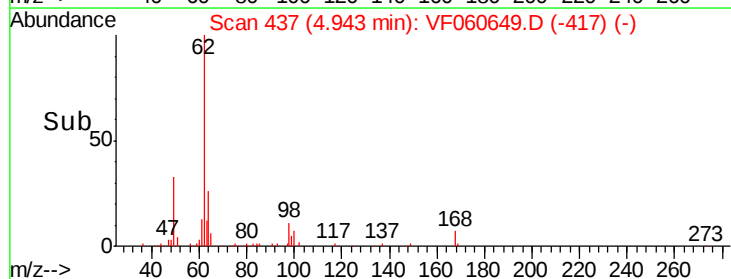
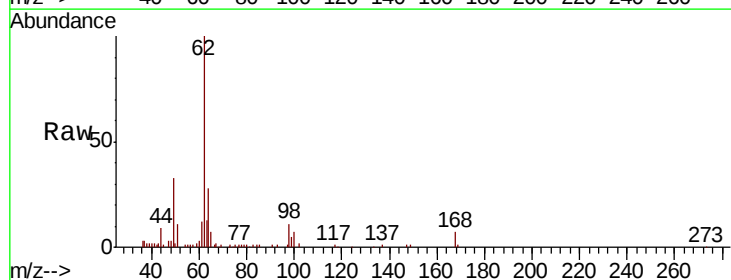
Manual Integrations
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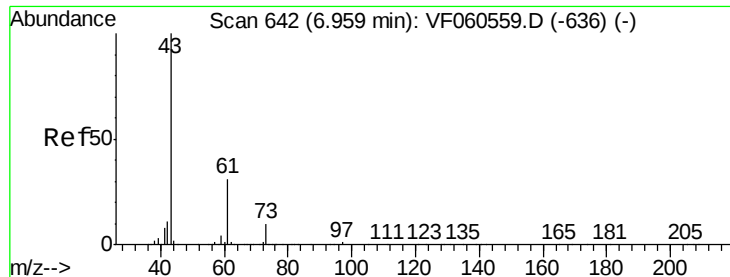
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#42
1,2-Dichloroethane
Concen: 22.936 ug/l
RT: 4.94 min Scan# 437
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	22.4





#43

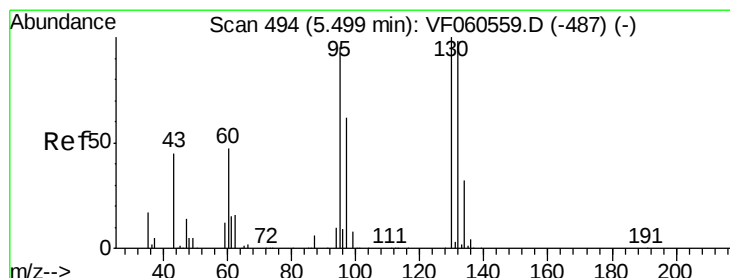
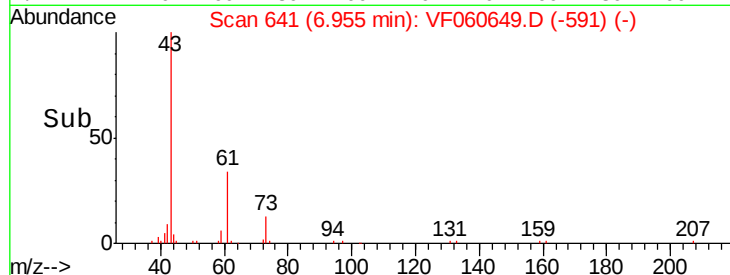
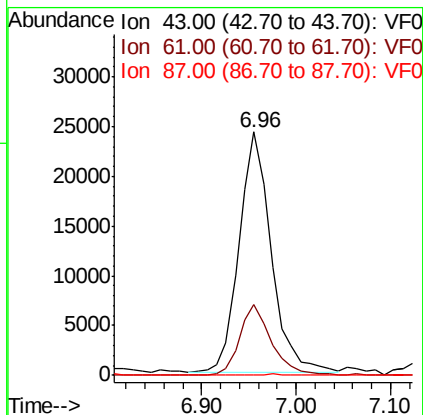
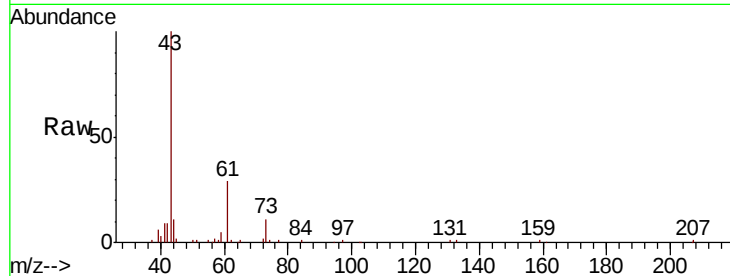
Isopropyl Acetate
 Concen: 20.131 ug/l
 RT: 6.96 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1108SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.3	24.2	36.2
87	0.0	0.2	0.4

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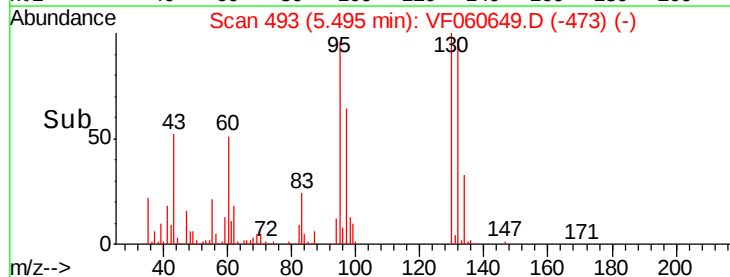
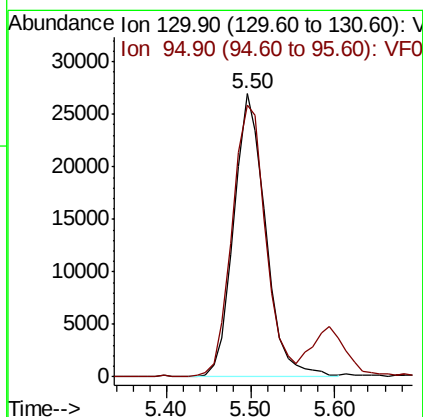
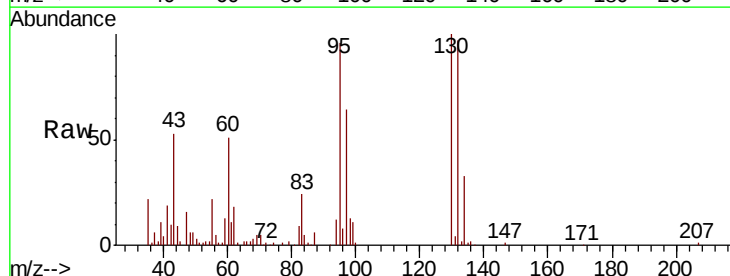
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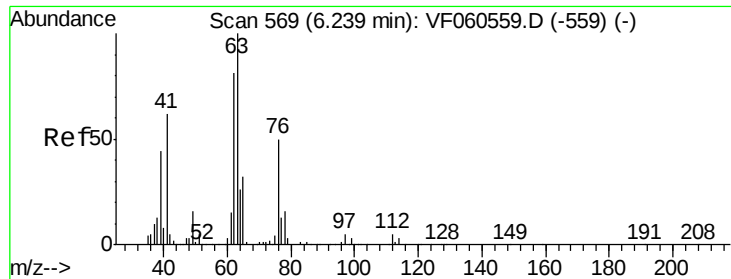


#44

Trichloroethene
 Concen: 21.220 ug/l
 RT: 5.50 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	191.0





#45

1,2-Dichloropropane

Concen: 21.846 ug/l

RT: 6.24 min Scan# 568

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBSD01

Tot Ion: 63 Resp: 62540

Ion Ratio Lower Upper

63 100

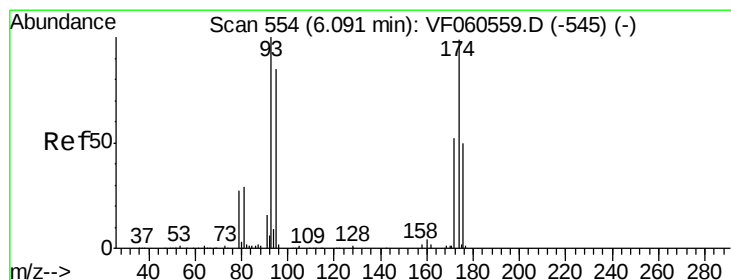
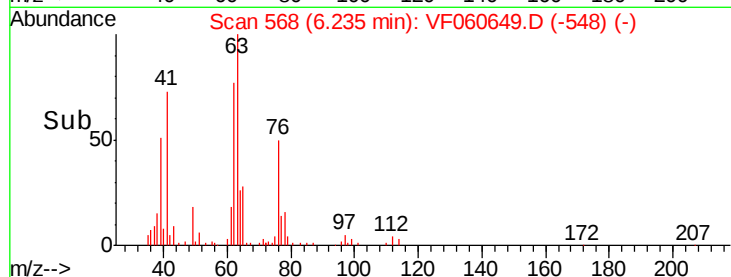
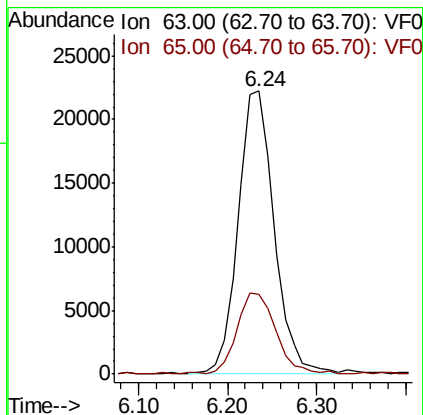
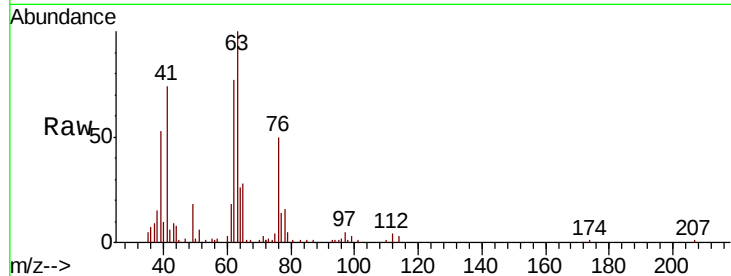
65 28.2 25.4 38.0

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#46

Dibromomethane

Concen: 21.404 ug/l

RT: 6.08 min Scan# 552

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

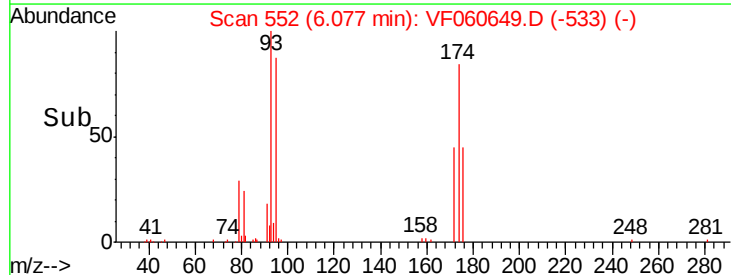
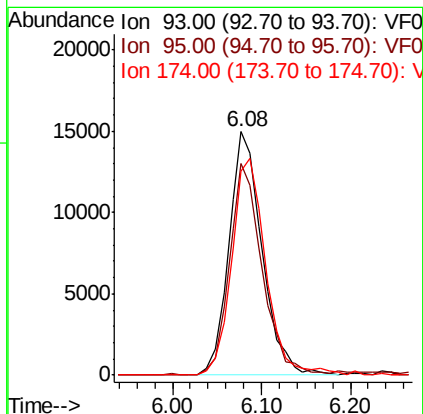
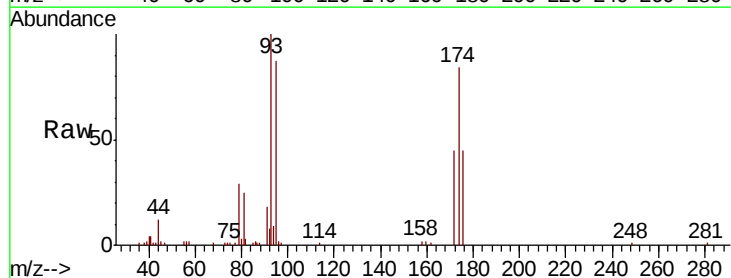
Tgt Ion: 93 Resp: 38873

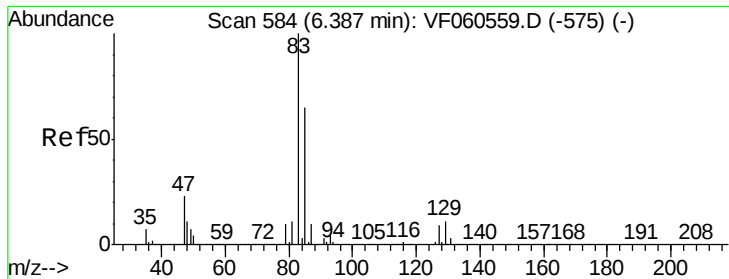
Ion Ratio Lower Upper

93 100

95 86.7 68.6 102.8

174 83.5 79.0 118.4





#47

Bromodichloromethane

Concen: 21.908 ug/l

RT: 6.38 min Scan# 583

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

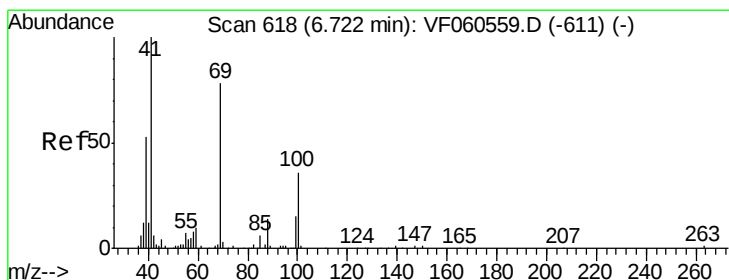
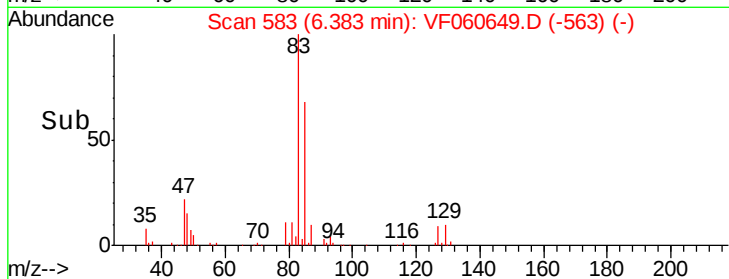
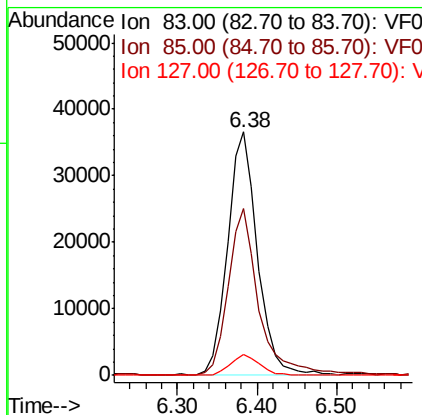
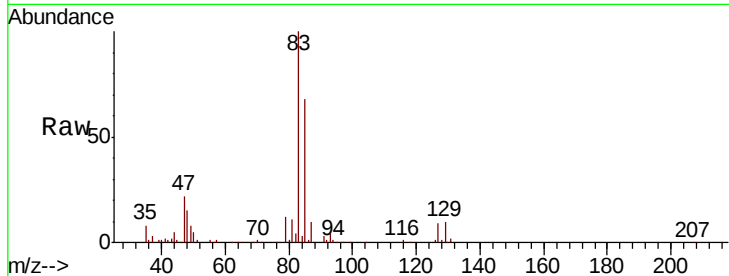
ClientSampleId :

VF1108SBS01

Tot Ion:	83	Resp:	95968
Ion	Ratio	Lower	Upper
83	100		
85	68.5	51.8	77.6
127	8.7	7.0	10.4

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#48

Methyl methacrylate

Concen: 18.152 ug/l

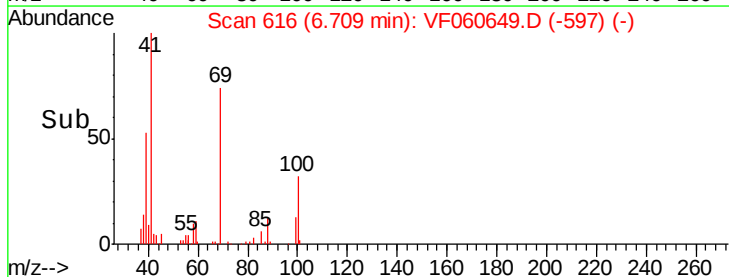
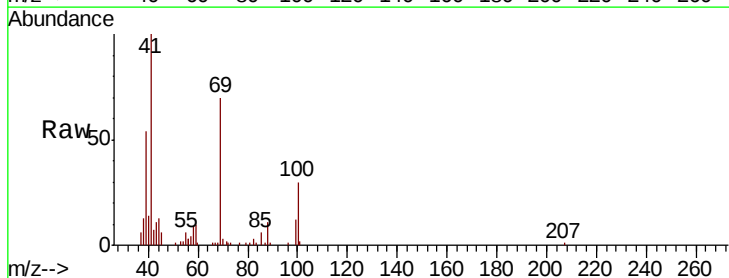
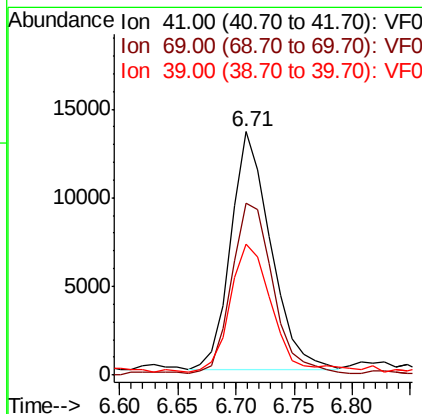
RT: 6.71 min Scan# 616

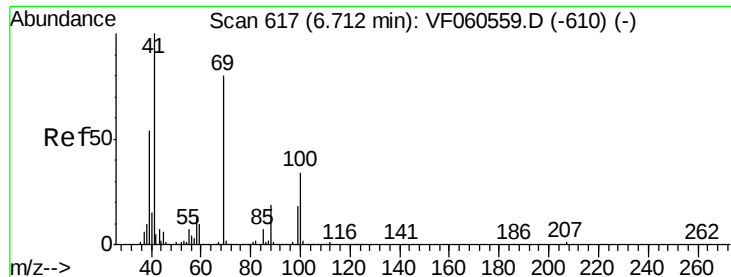
Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Tgt Ion:	41	Resp:	31944
Ion	Ratio	Lower	Upper
41	100		
69	70.4	61.1	91.7
39	53.9	43.0	64.6





#49

1,4-Dioxane

Concen: 297.408 ug/l

RT: 6.70 min Scan# 615

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

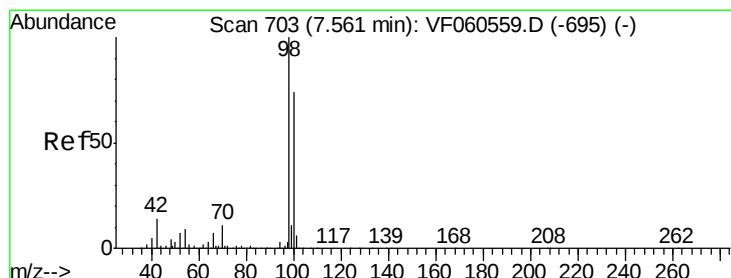
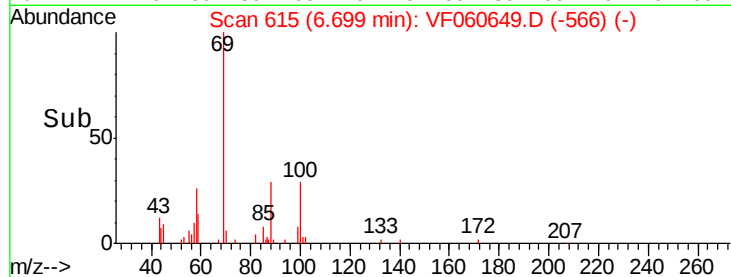
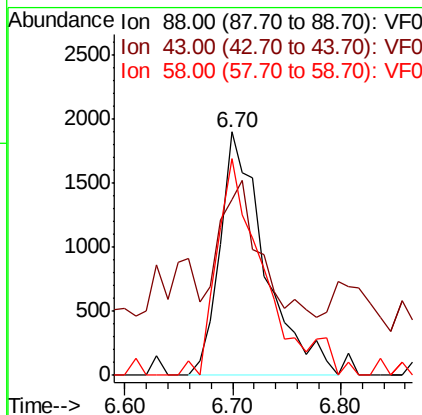
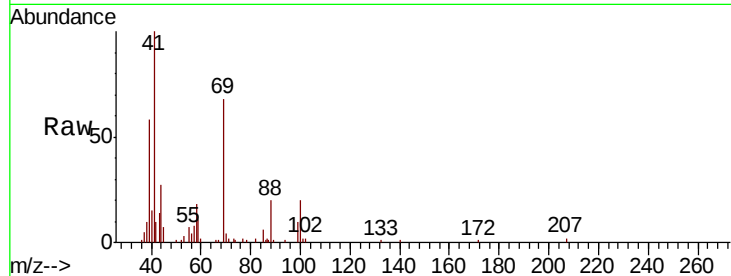
ClientSampleId :

VF1108SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	5475		
43	72.4		61.2	91.8
58	89.1		56.9	85.3#

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#50

Toluene-d8

Concen: 46.632 ug/l

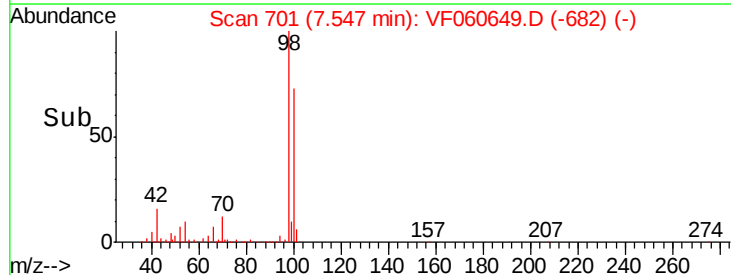
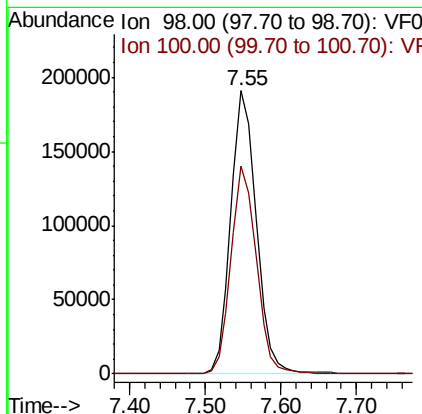
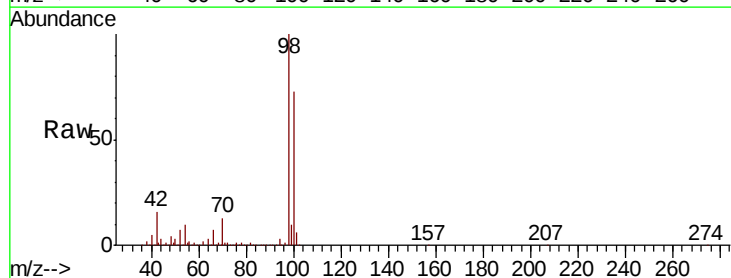
RT: 7.55 min Scan# 701

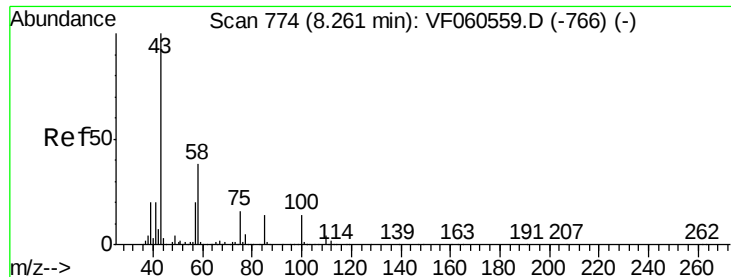
Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	446966		
100	73.3		59.4	89.2





#51

4-Methyl-2-Pentanone

Concen: 107.418 ug/l

RT: 8.26 min Scan# 773

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBSD01

Tot Ion: 43 Resp: 202260

Ion Ratio Lower Upper

43 100

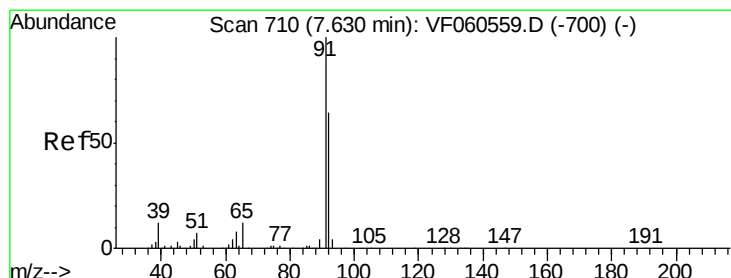
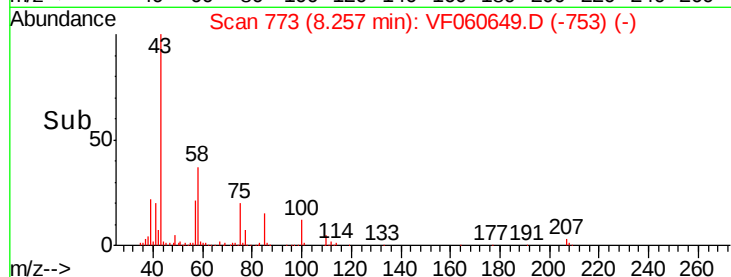
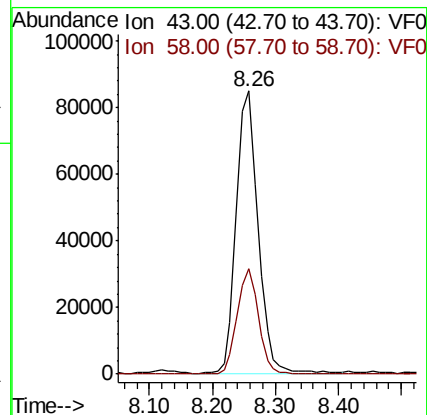
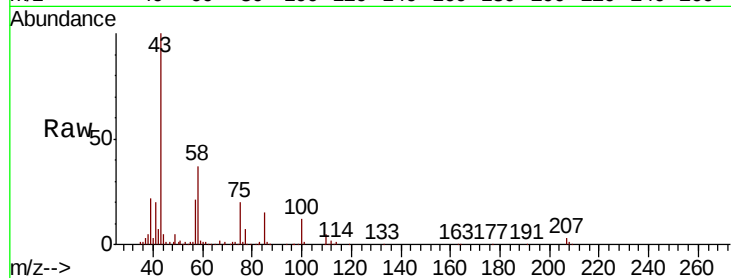
58 37.1 30.1 45.1

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#52

Toluene

Concen: 20.979 ug/l

RT: 7.62 min Scan# 708

Delta R.T. -0.01 min

Lab File: VF060649.D

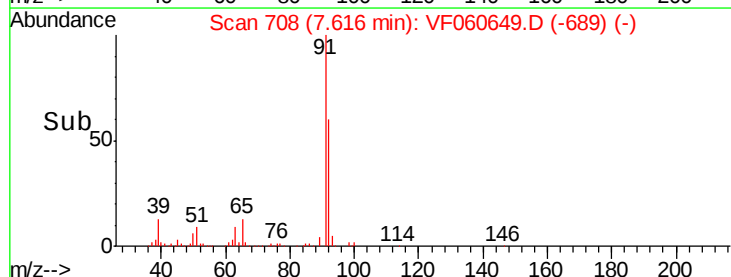
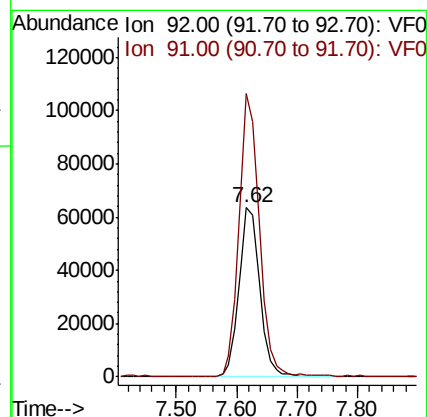
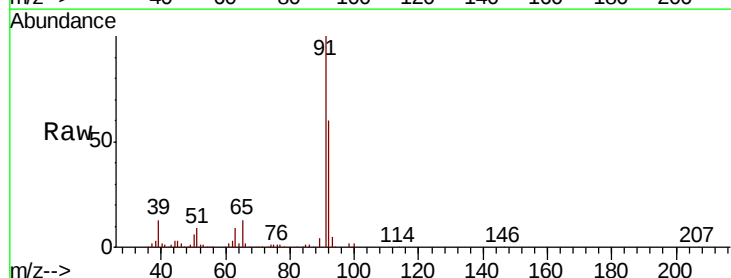
Acq: 8 Nov 2018 14:29

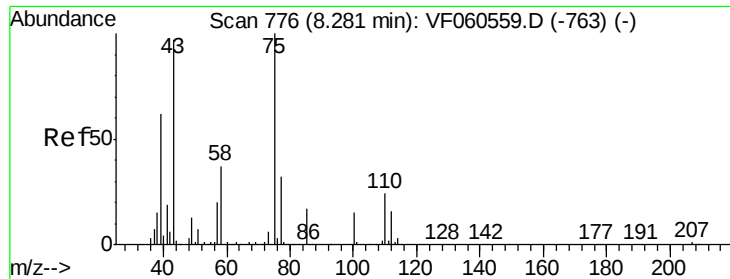
Tgt Ion: 92 Resp: 152966

Ion Ratio Lower Upper

92 100

91 167.4 124.5 186.7





#53

t-1,3-Dichloropropene

Concen: 20.412 ug/l

RT: 8.27 min Scan# 774

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBSD01

Tot Ion: 75 Resp: 77714

Ion Ratio Lower Upper

75 100

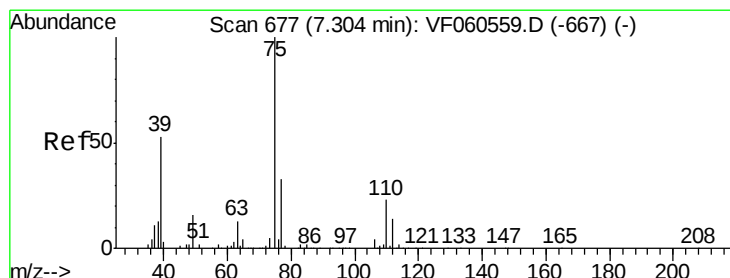
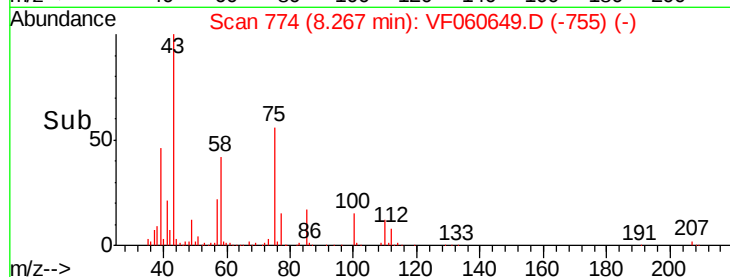
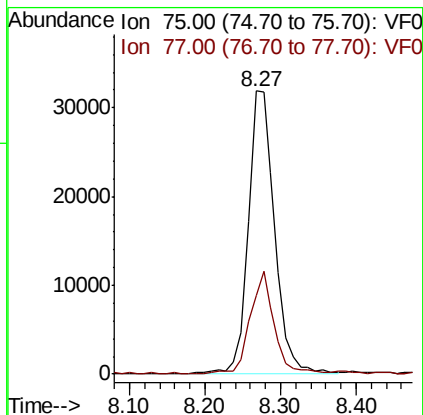
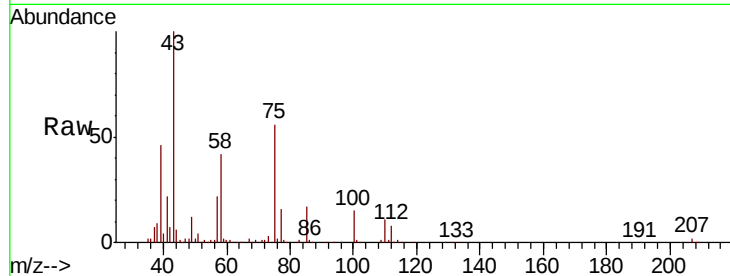
77 27.9 25.7 38.5

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#54

cis-1,3-Dichloropropene

Concen: 22.296 ug/l

RT: 7.30 min Scan# 676

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

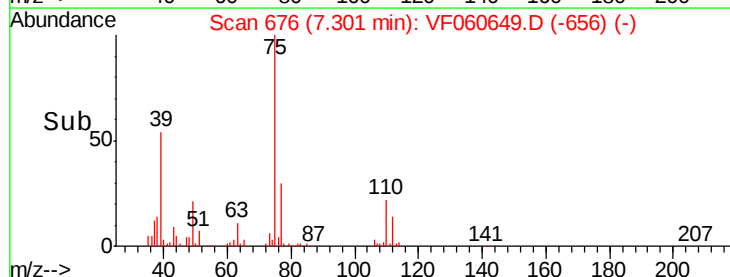
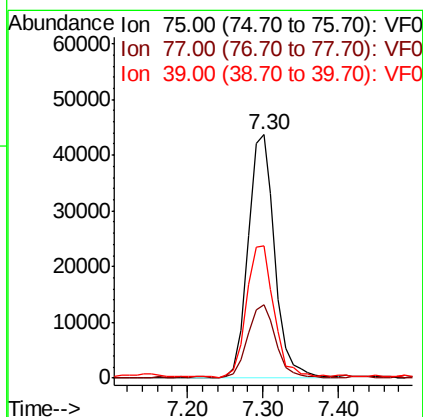
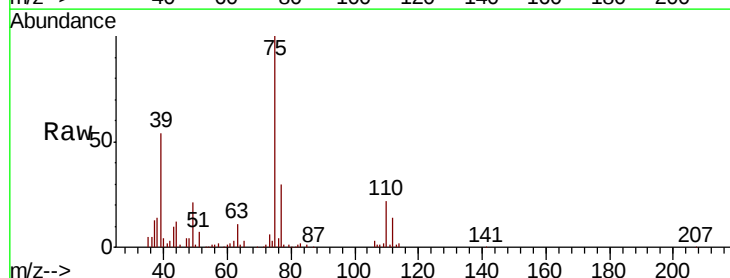
Tgt Ion: 75 Resp: 107252

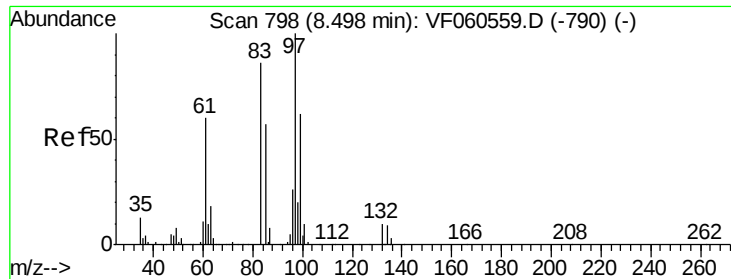
Ion Ratio Lower Upper

75 100

77 30.4 26.7 40.1

39 54.4 43.0 64.4





#55

1,1,2-Trichloroethane

Concen: 19.673 ug/l

RT: 8.48 min Scan# 796

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

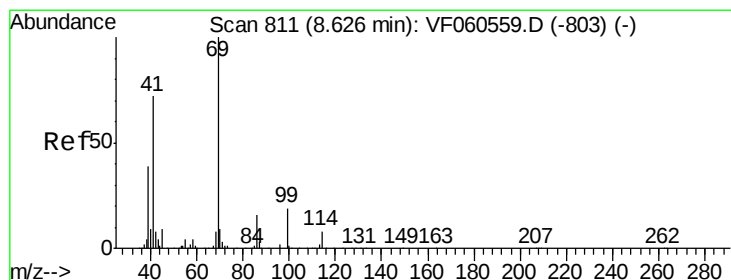
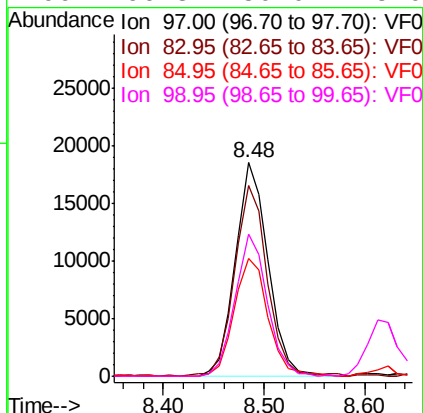
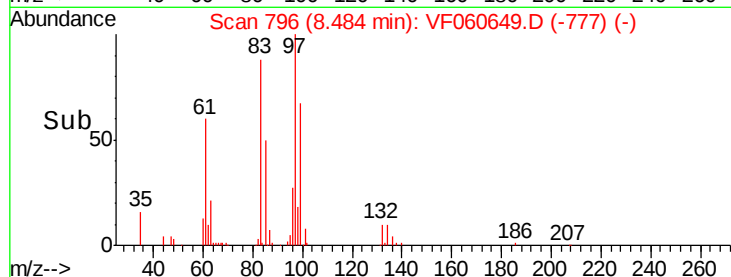
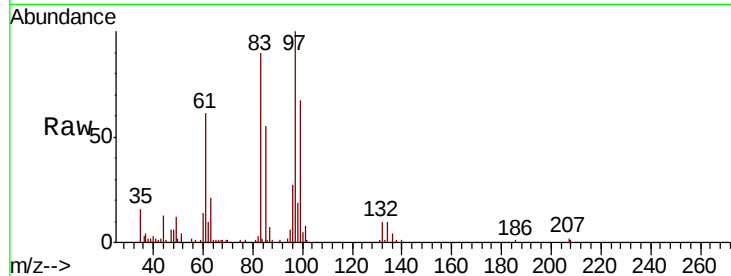
ClientSampleId :

VF1108SBS01

Tot Ion:	97	Resp:	41742
Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.4	104.0
85	55.0	46.6	69.8
99	66.8	50.0	75.0

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#56

Ethyl methacrylate

Concen: 20.271 ug/l

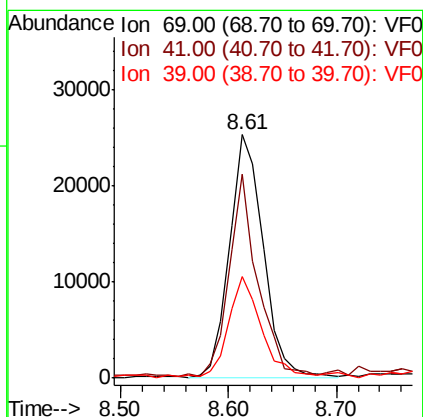
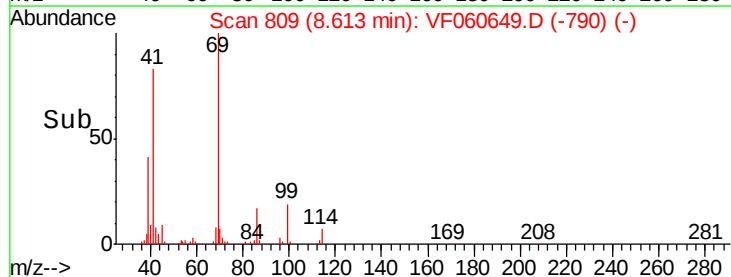
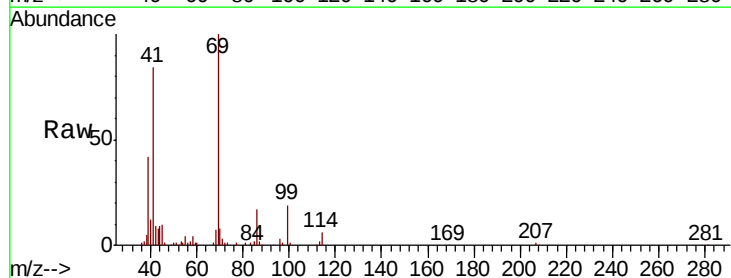
RT: 8.61 min Scan# 809

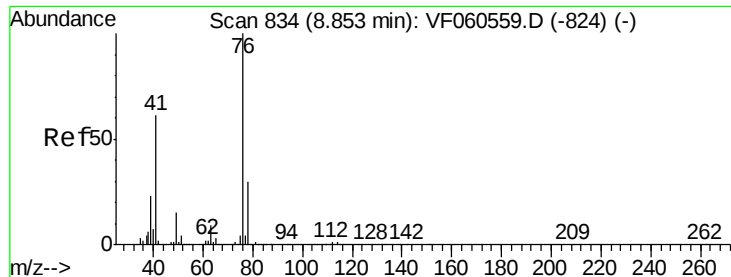
Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Tgt Ion:	69	Resp:	55339
Ion	Ratio	Lower	Upper
69	100		
41	83.9	59.2	88.8
39	41.8	32.3	48.5





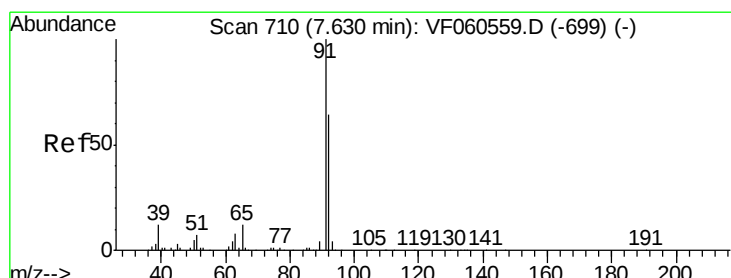
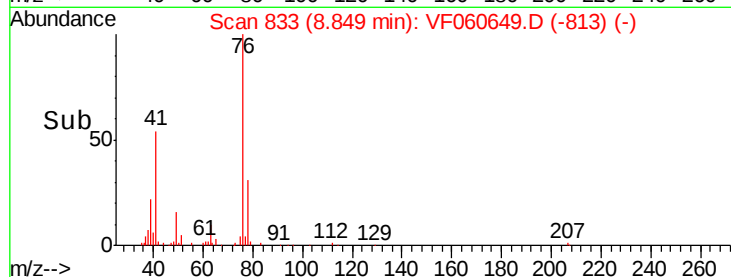
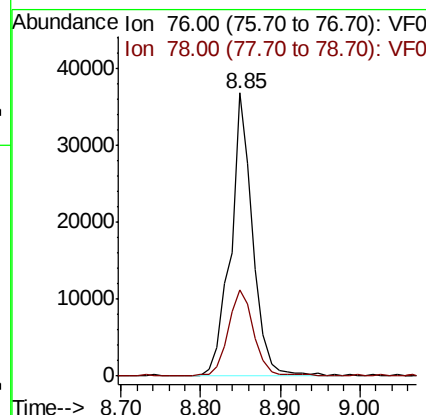
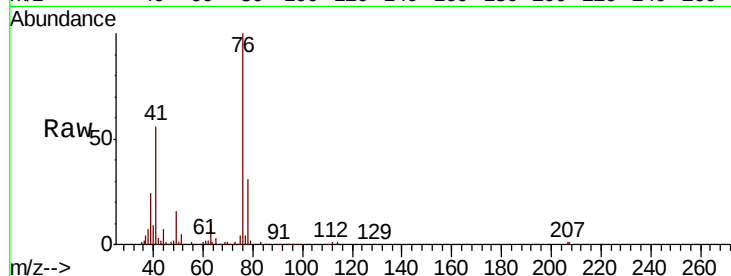
#57
 1,3-Dichloropropane
 Concen: 19.225 ug/l
 RT: 8.85 min Scan# 833
 Delta R.T. -0.00 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1108SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	30.6	24.2	36.4

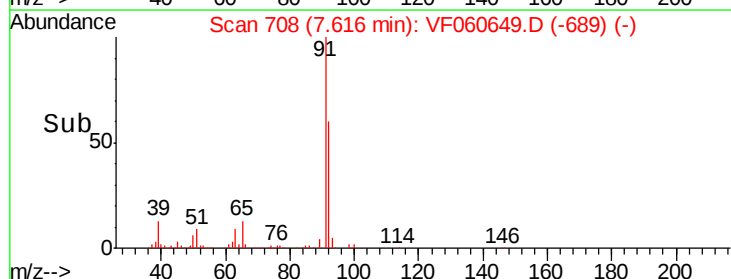
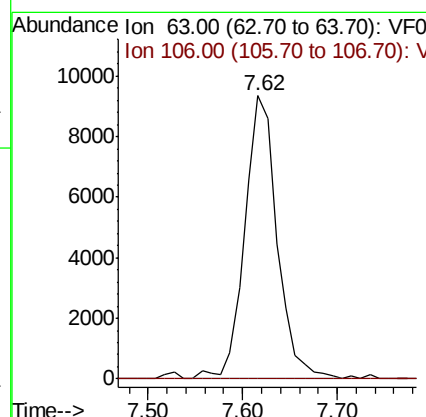
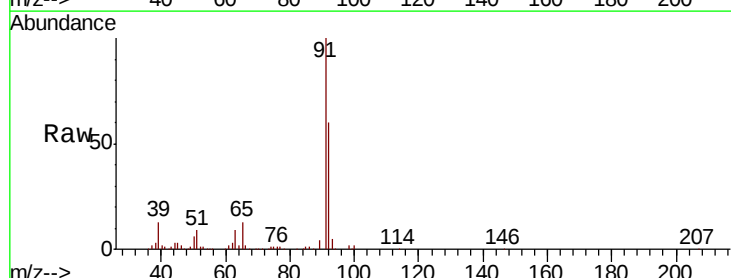
Manual Integrations
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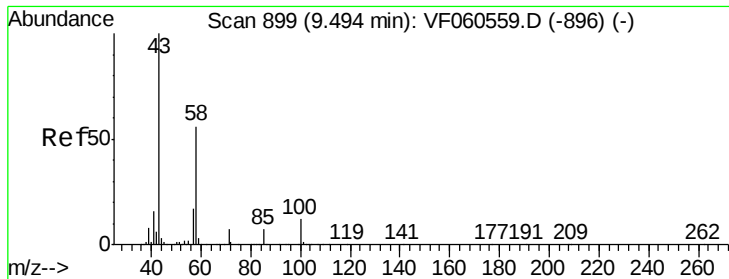
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#58
 2-Chloroethyl Vinyl ether
 Concen: 116.140 ug/l
 RT: 7.62 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	0.0	0.0





#59

2-Hexanone

Concen: 119.516 ug/l

RT: 9.49 min Scan# 898

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBSD01

Tot Ion: 43 Resp: 165672

Ion Ratio Lower Upper

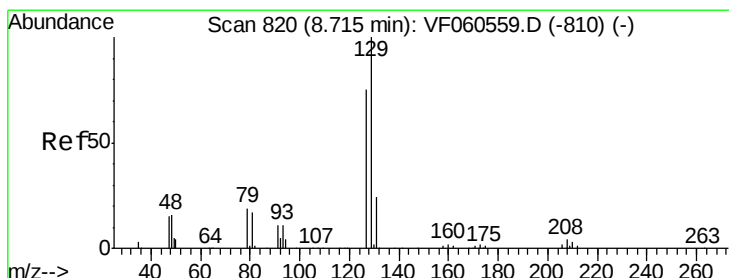
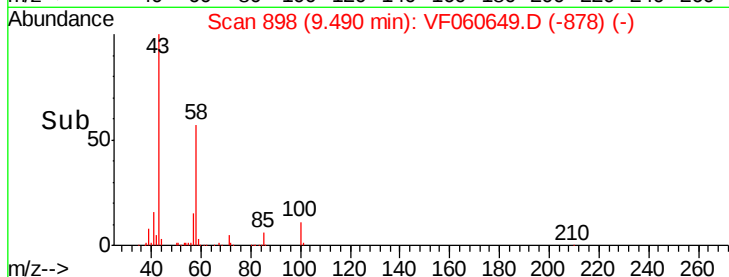
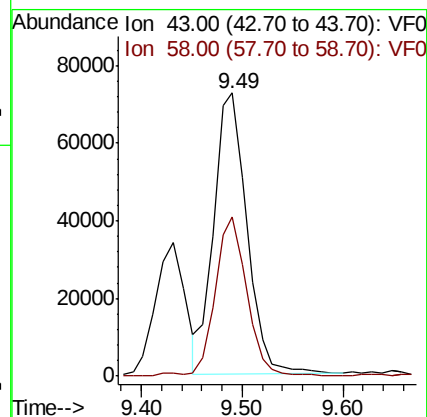
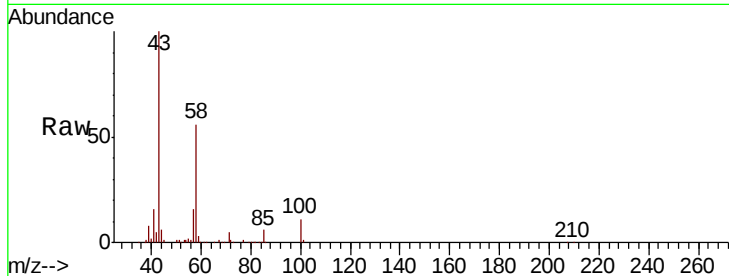
43 100

58 56.4 26.1 78.3

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#60

Dibromochloromethane

Concen: 16.147 ug/l

RT: 8.71 min Scan# 819

Delta R.T. -0.00 min

Lab File: VF060649.D

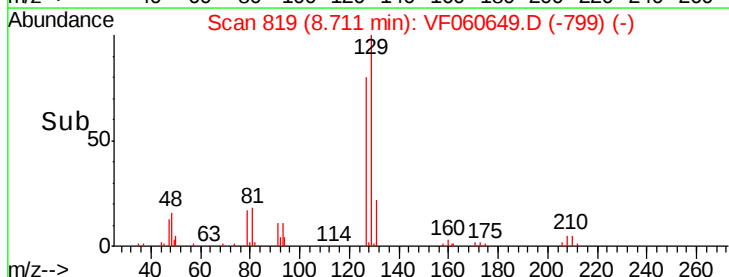
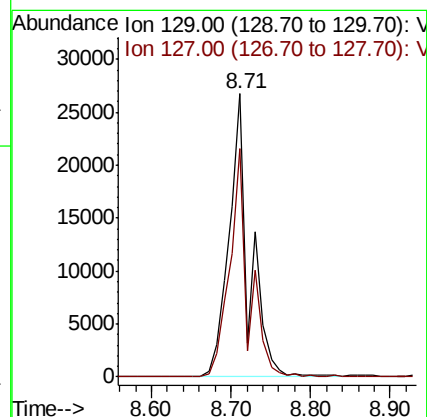
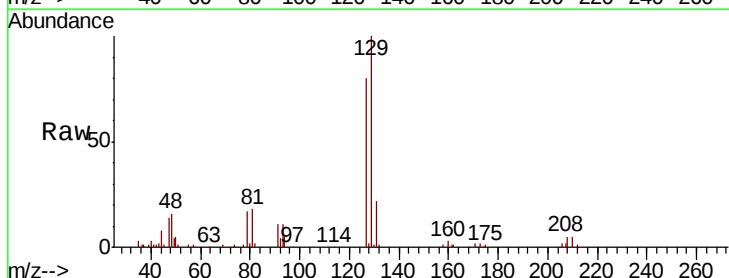
Acq: 8 Nov 2018 14:29

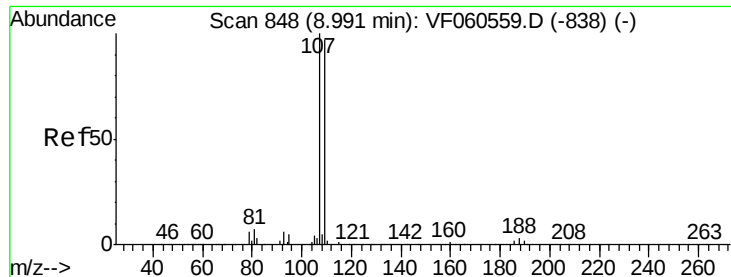
Tgt Ion: 129 Resp: 47916

Ion Ratio Lower Upper

129 100

127 80.5 37.8 113.3





#61

1,2-Dibromoethane

Concen: 20.694 ug/l

RT: 8.99 min Scan# 847

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBS01

Tot Ion:107 Resp: 46175

Ion Ratio Lower Upper

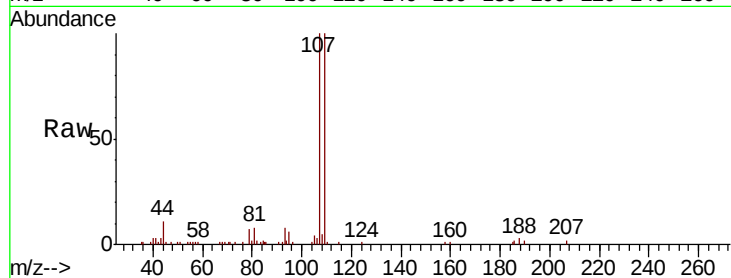
107 100

109 99.6 77.5 116.3

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.99

20000

15000

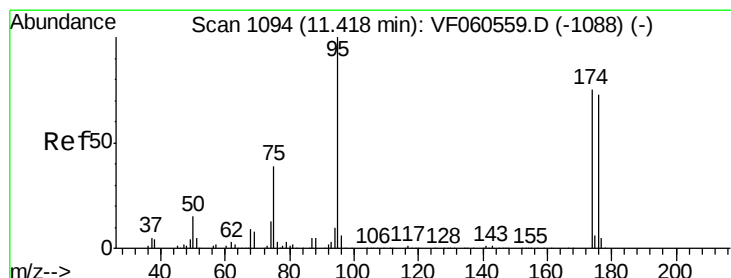
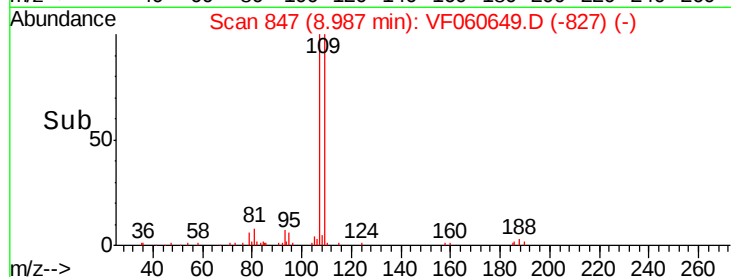
10000

5000

0

Time-->

8.90 9.00 9.10



#62

4-Bromofluorobenzene

Concen: 48.594 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

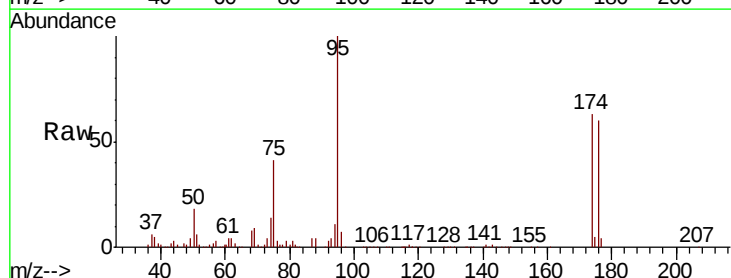
Tgt Ion: 95 Resp: 203739

Ion Ratio Lower Upper

95 100

174 63.0 0.0 149.0

176 59.7 0.0 145.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

150000

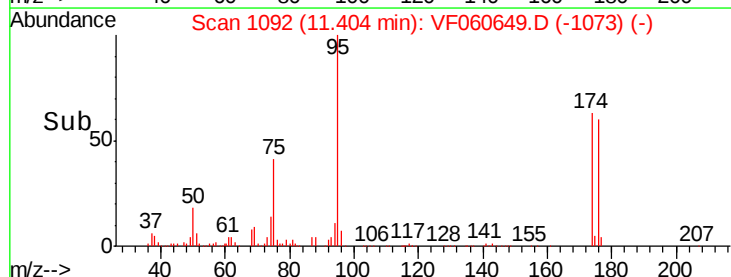
100000

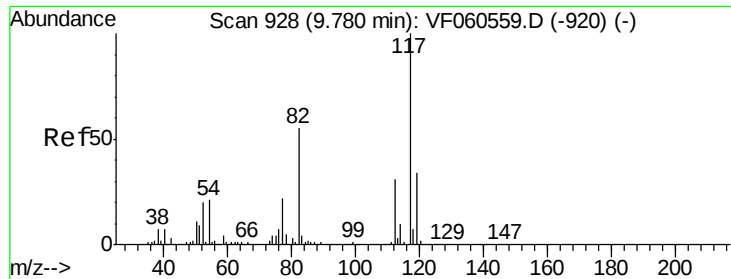
50000

0

Time-->

11.30 11.40 11.50 11.60





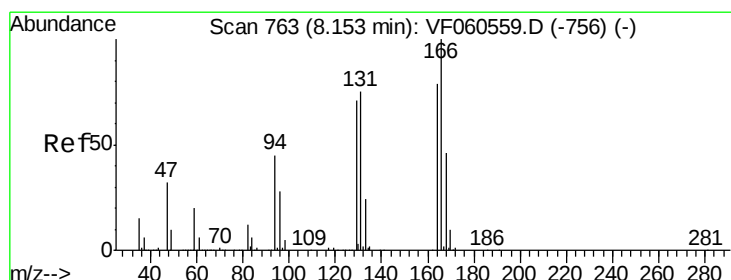
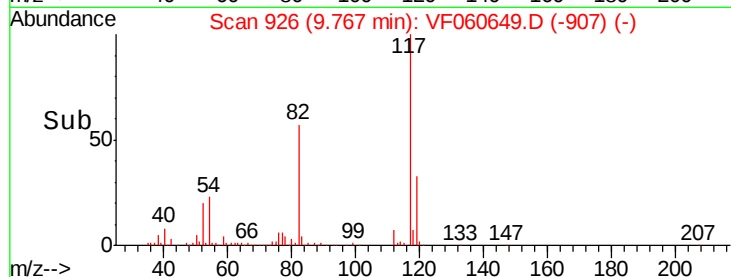
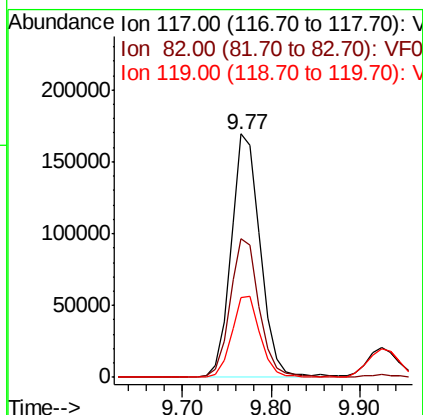
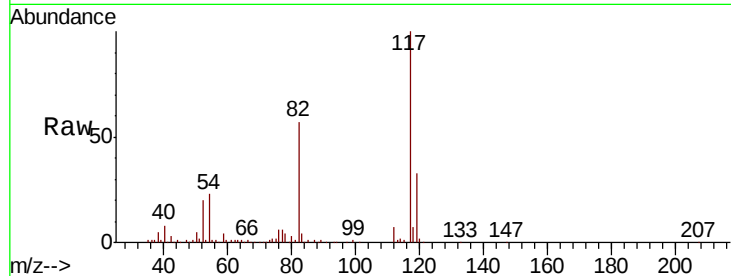
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.01 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	387247		
82	56.8		43.9	65.9
119	32.6		27.4	41.0

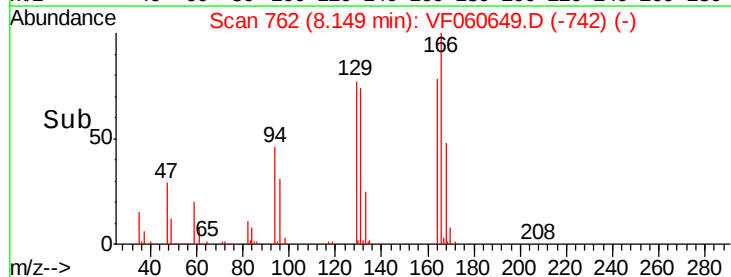
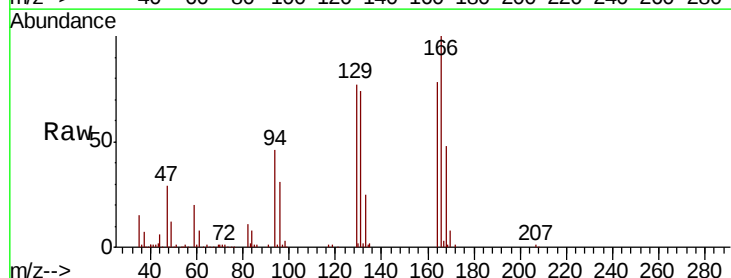
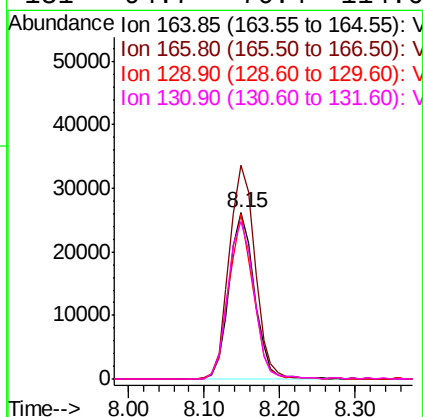
Manual Integrations
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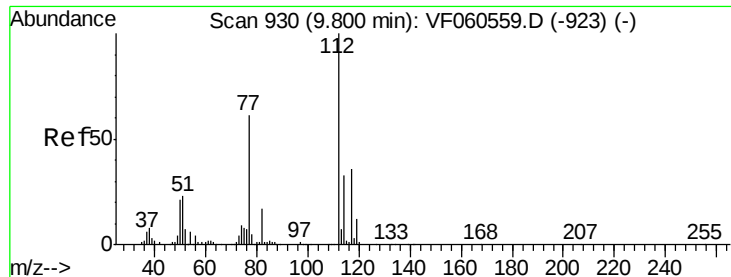
apatel
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#64
Tetrachloroethene
Concen: 20.029 ug/l
RT: 8.15 min Scan# 762
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	60785		
166	128.5		101.5	152.3
129	99.1		72.5	108.7
131	94.7		76.4	114.6





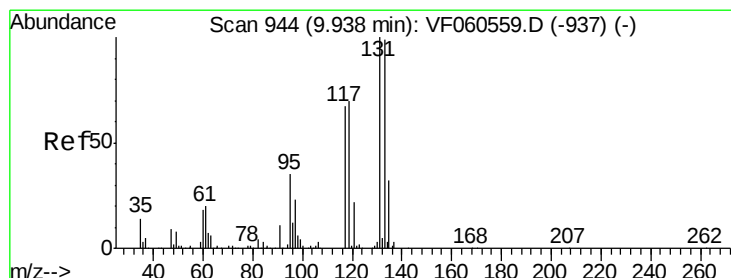
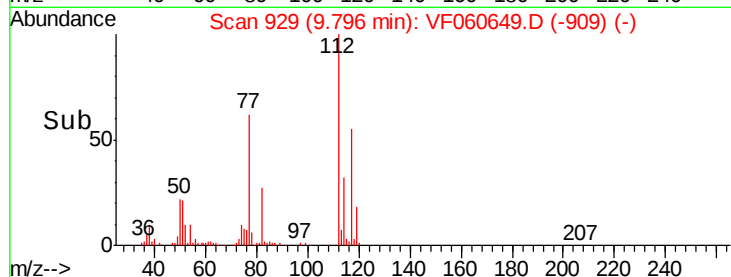
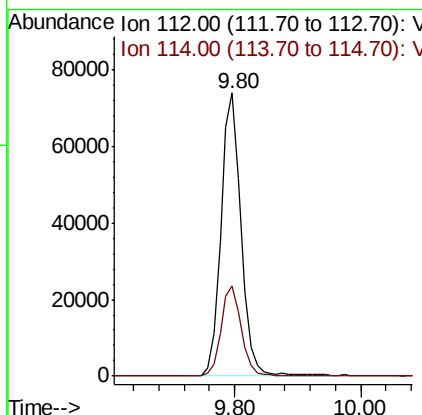
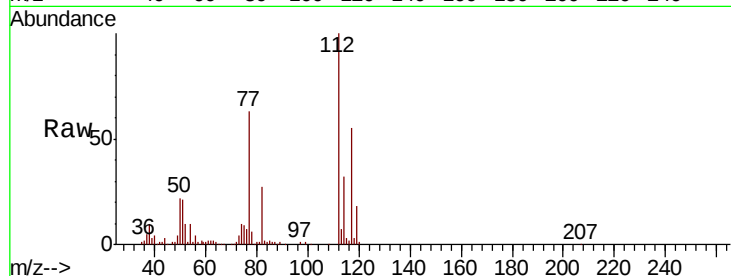
#65
Chlorobenzene
Concen: 20.784 ug/l
RT: 9.80 min Scan# 929
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.6	40.0

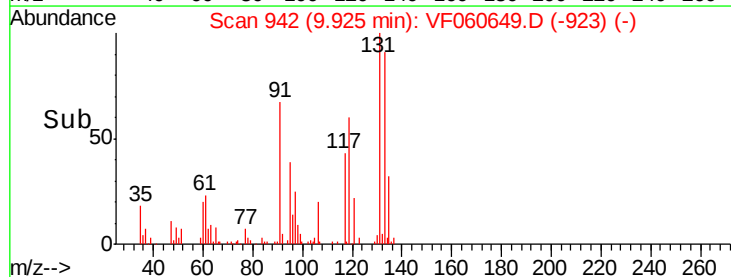
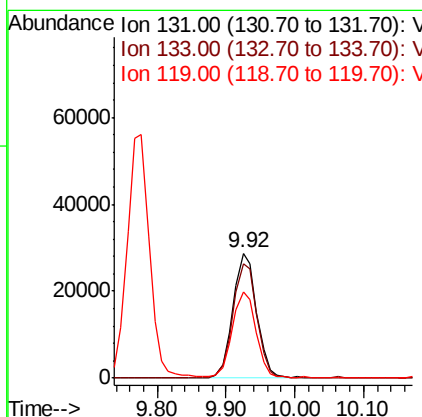
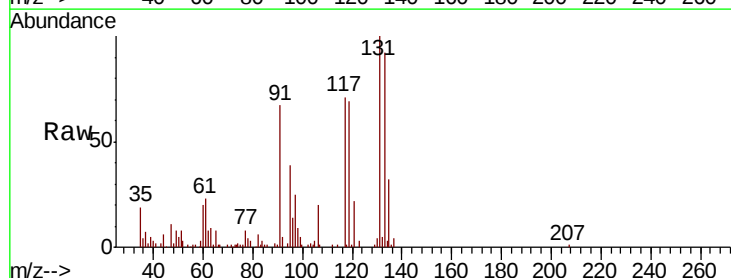
Manual Integrations
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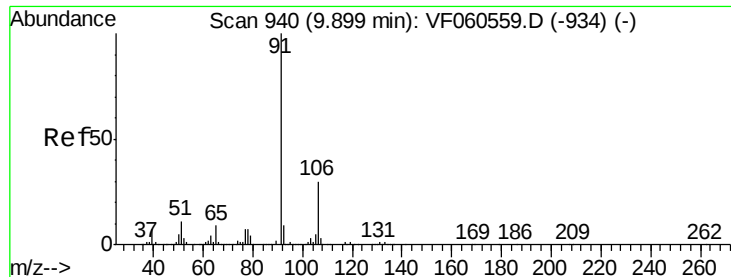
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.462 ug/l
RT: 9.92 min Scan# 942
Delta R.T. -0.01 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	91.8	49.5	148.7
119	68.8	35.2	105.6





#67

Ethyl Benzene

Concen: 21.238 ug/l

RT: 9.89 min Scan# 939

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBS01

Tot Ion: 91 Resp: 305214

Ion Ratio Lower Upper

91 100

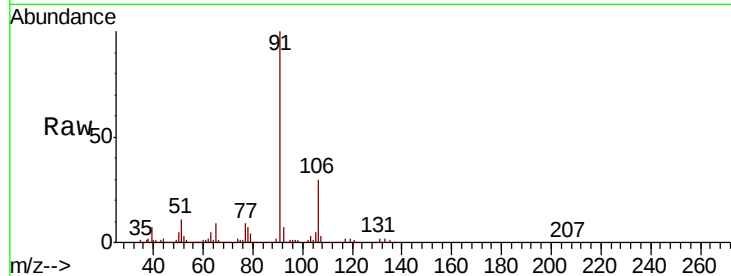
106 29.5 24.2 36.4

Manual Integrations

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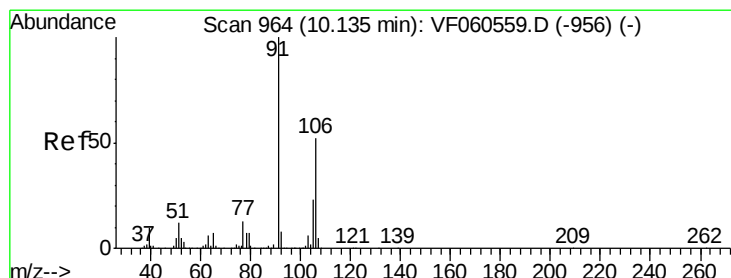
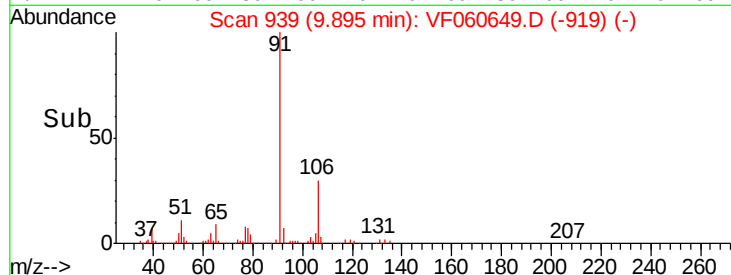
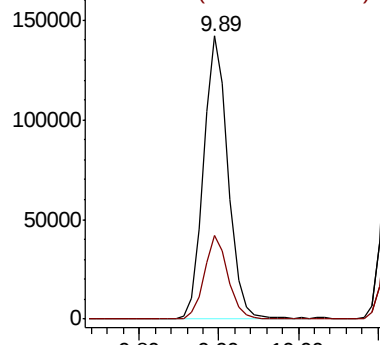
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 40.609 ug/l

RT: 10.13 min Scan# 963

Delta R.T. -0.00 min

Lab File: VF060649.D

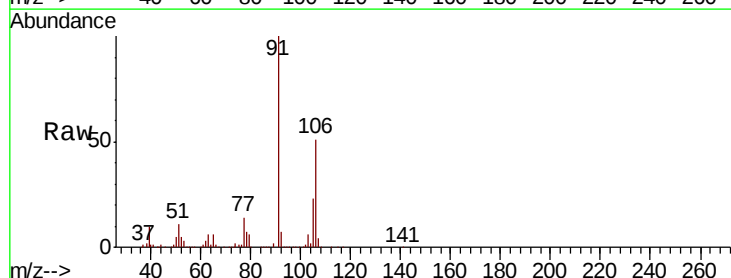
Acq: 8 Nov 2018 14:29

Tgt Ion: 106 Resp: 219830

Ion Ratio Lower Upper

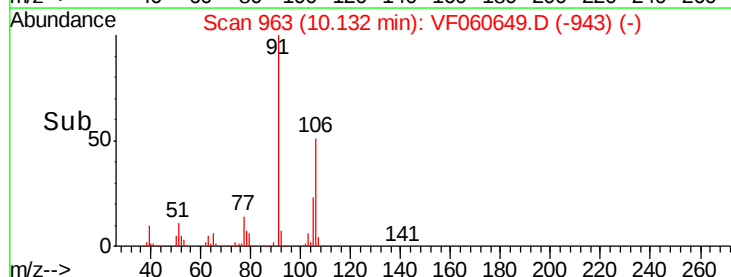
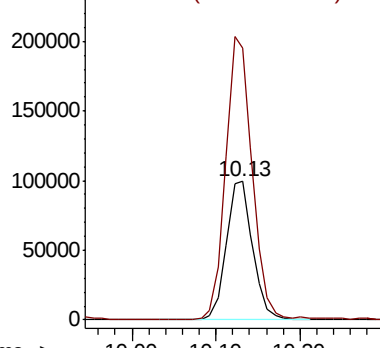
106 100

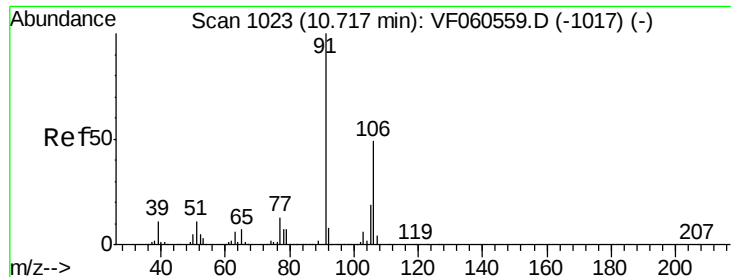
91 196.6 153.9 230.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





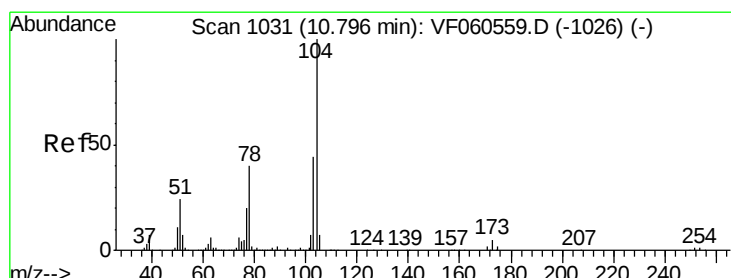
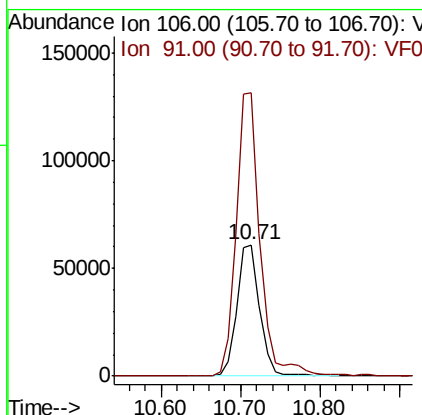
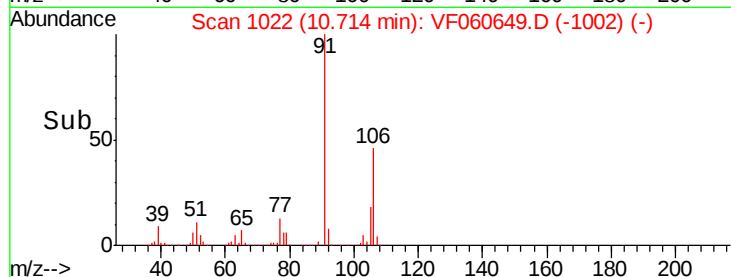
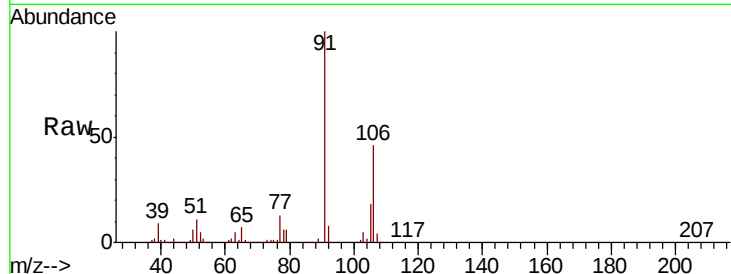
#69
o-Xylene
Concen: 20.627 ug/l
RT: 10.71 min Scan# 1022
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.6	101.8	305.3

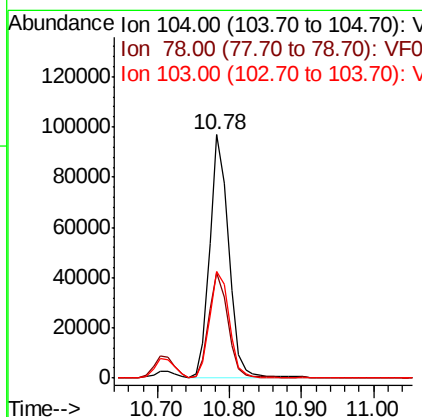
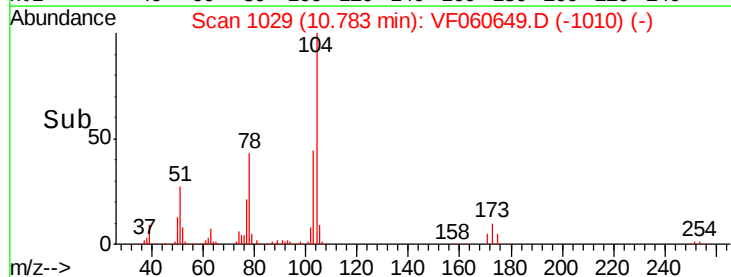
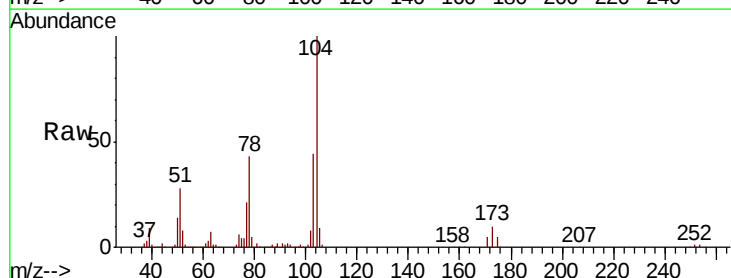
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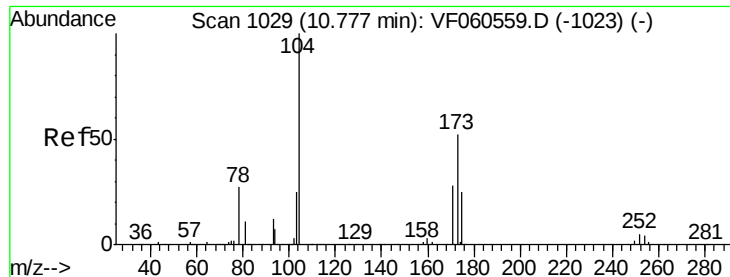
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#70
Styrene
Concen: 20.601 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	43.1	32.6	49.0
103	43.6	35.2	52.8





#71

Bromoform

Concen: 18.677 ug/l

RT: 10.77 min Scan# 1028

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

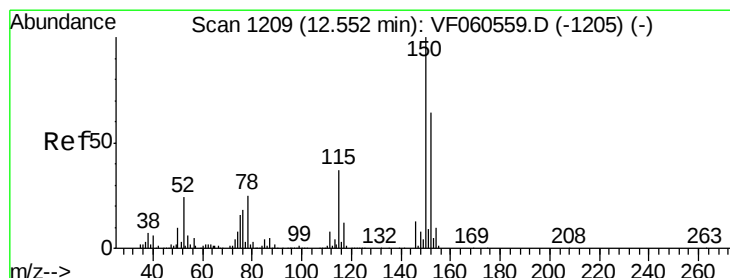
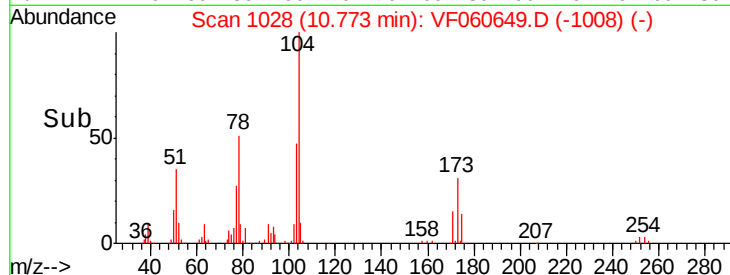
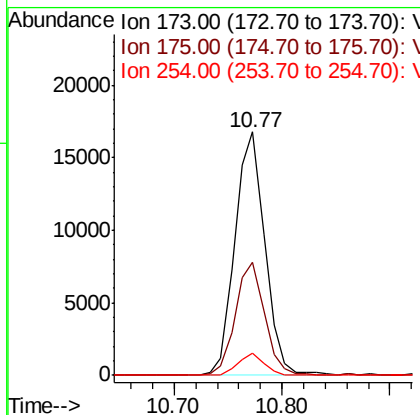
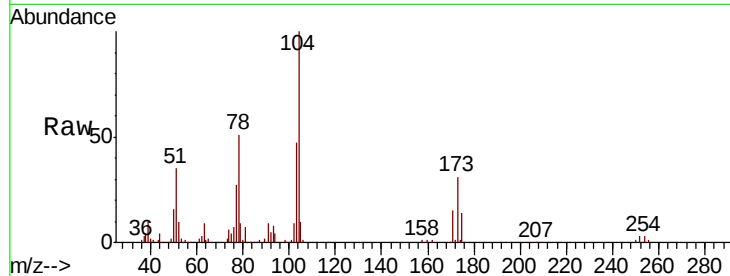
ClientSampleId :

VF1108SBS01

Tot Ion:	173	Resp:	32277
Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.3	72.9
254	9.2	6.7	10.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

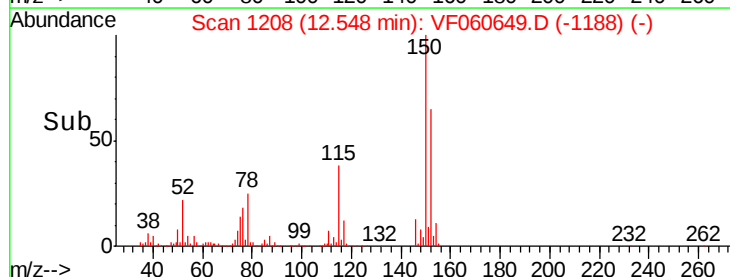
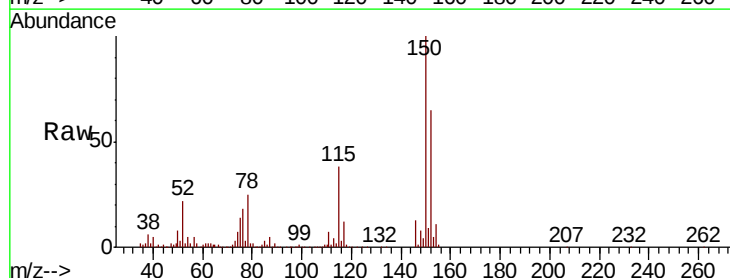
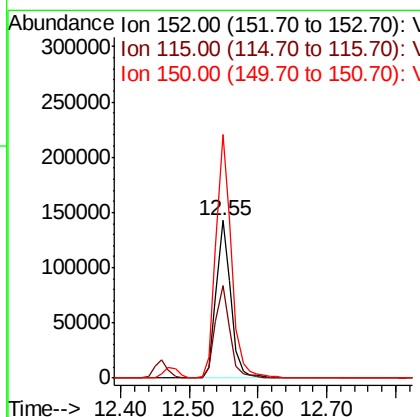
RT: 12.55 min Scan# 1208

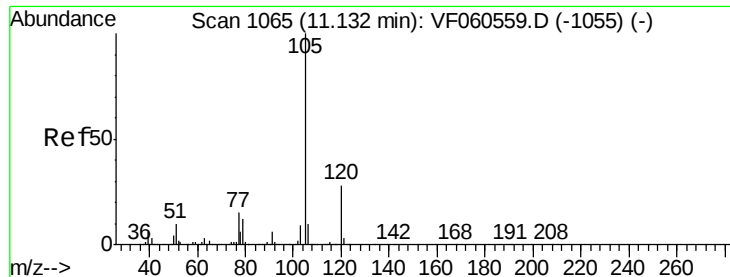
Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Tgt Ion:	152	Resp:	210278
Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.6	88.8
150	154.4	0.0	315.6





#73

Isopropylbenzene

Concen: 22.272 ug/l

RT: 11.12 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBS01

Tot Ion:105 Resp: 365252

Ion Ratio Lower Upper

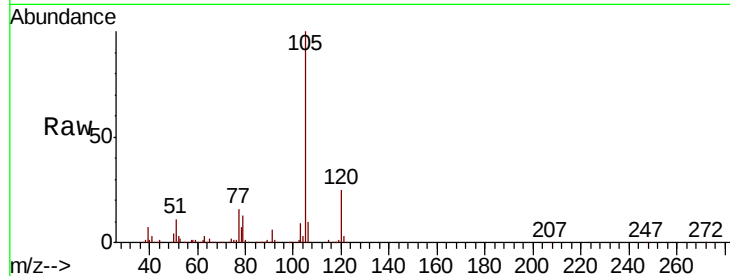
105 100

120 25.3 13.9 41.6

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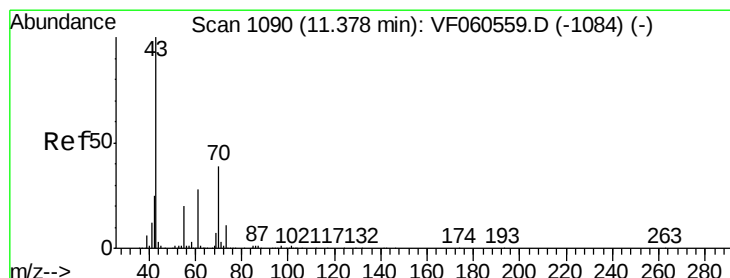
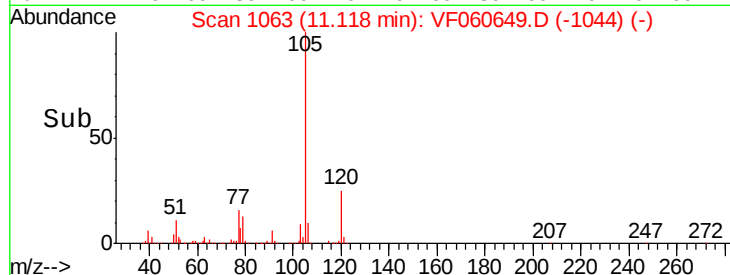
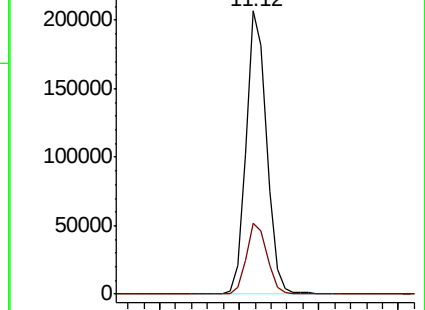
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.391 ug/l

RT: 11.36 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Tgt Ion: 43 Resp: 97355

Ion Ratio Lower Upper

43 100

70 35.1 30.9 46.3

55 17.8 16.6 24.8

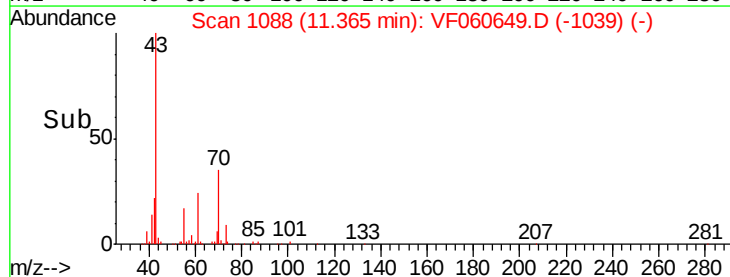
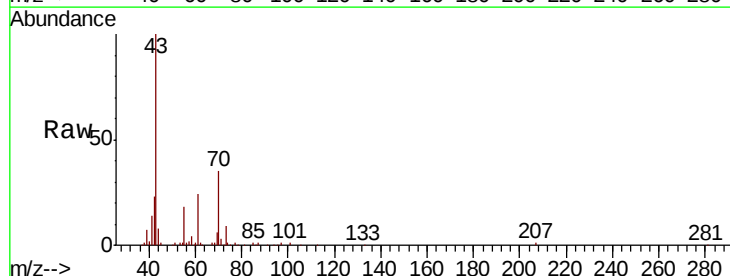
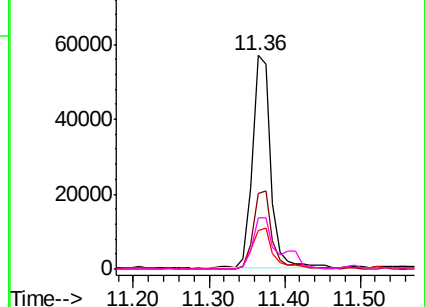
61 24.1 22.0 33.0

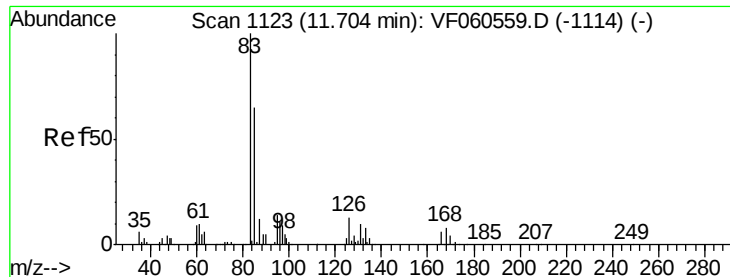
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.091 ug/l

RT: 11.69 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

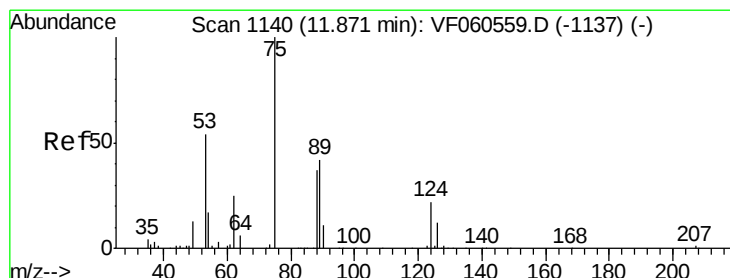
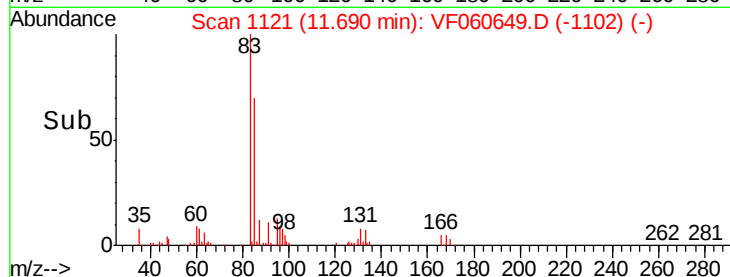
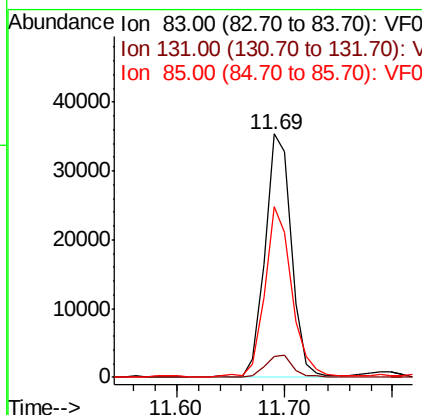
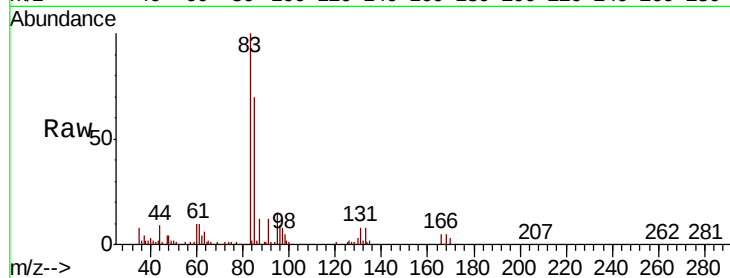
ClientSampleId :

VF1108SBS01

Tot Ion:	83	Resp:	60137
Ion Ratio	Lower	Upper	
83	100		
131	8.5	5.0	14.9
85	70.3	32.9	98.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.348 ug/l

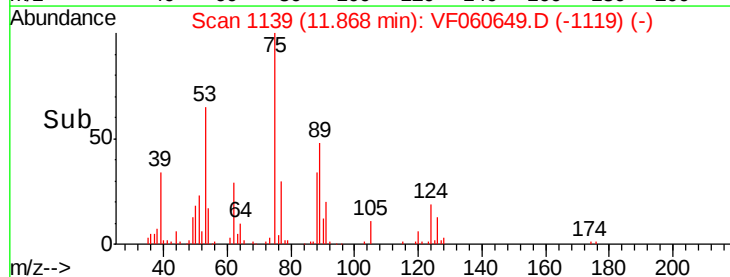
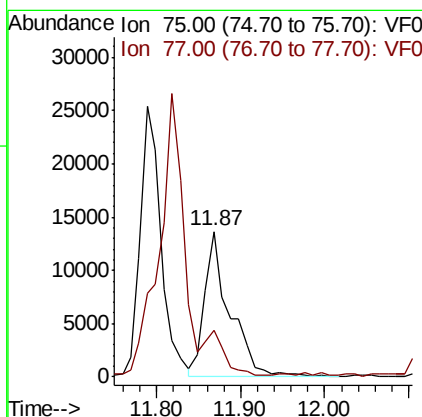
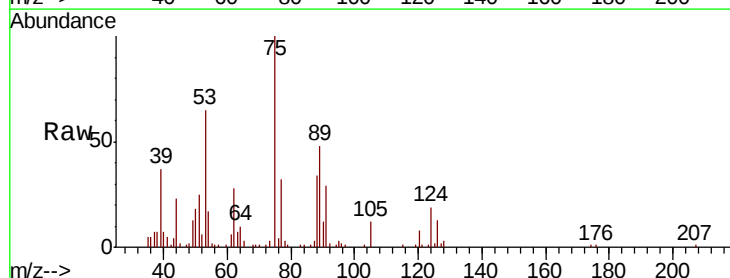
RT: 11.87 min Scan# 1139

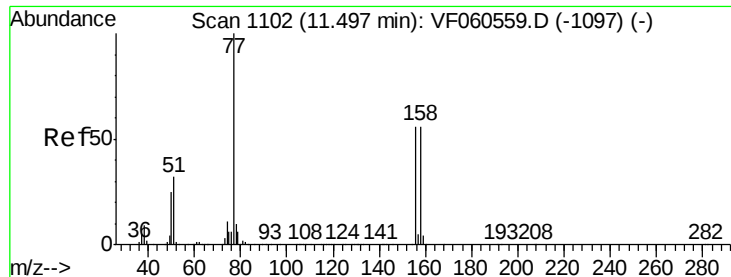
Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Tgt Ion:	75	Resp:	28462
Ion Ratio	Lower	Upper	
75	100		
77	31.9	17.4	52.3





#77

Bromobenzene

Concen: 20.468 ug/l

RT: 11.49 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBSD01

Tot Ion:156 Resp: 73448

Ion Ratio Lower Upper

156 100

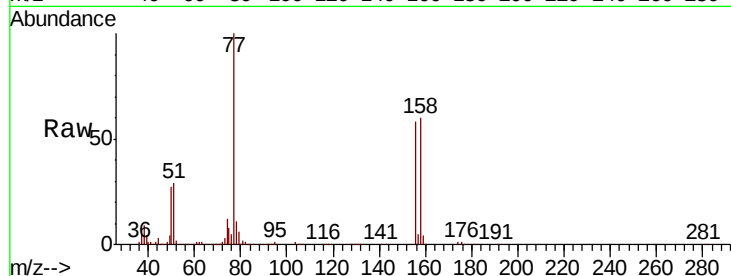
77 173.2 89.3 268.1

158 103.7 50.0 150.1

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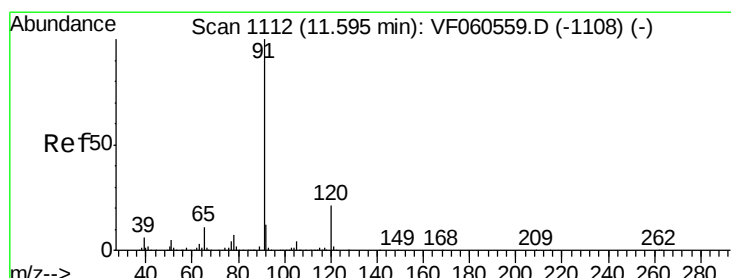
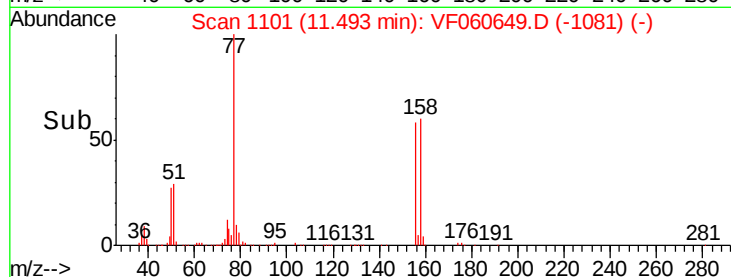
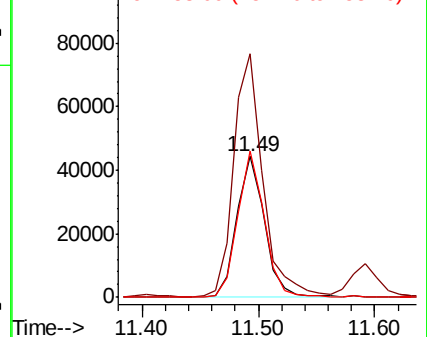


Abundance

Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 22.265 ug/l

RT: 11.59 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VF060649.D

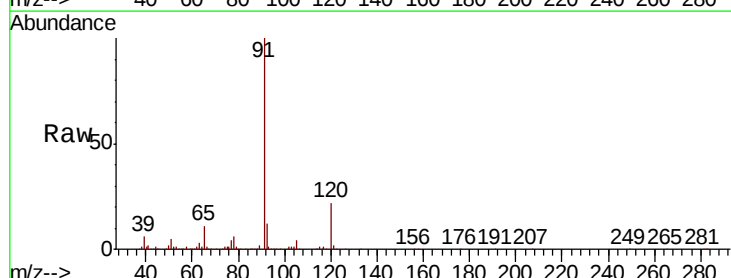
Acq: 8 Nov 2018 14:29

Tgt Ion: 91 Resp: 427198

Ion Ratio Lower Upper

91 100

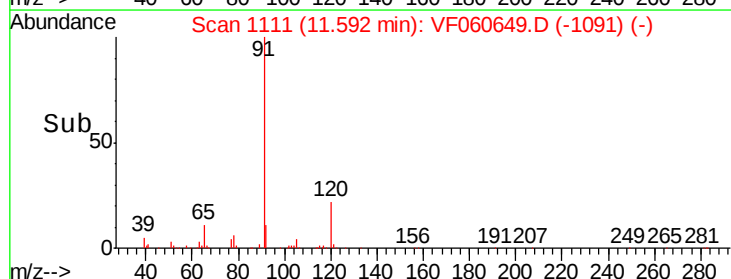
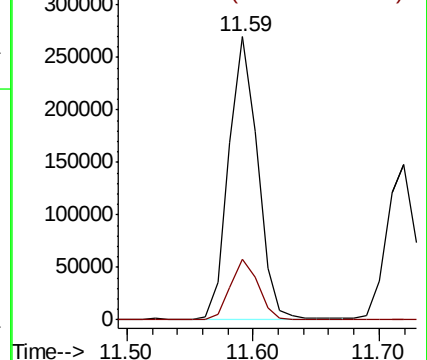
120 21.5 10.5 31.6

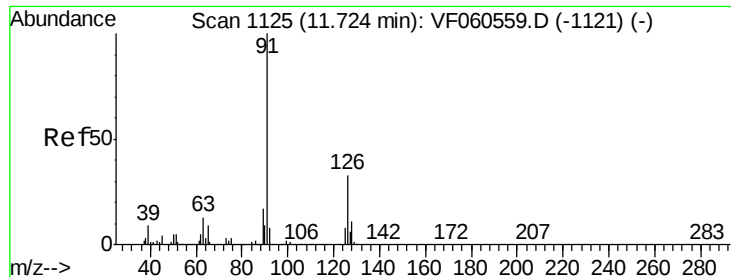


Abundance

Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





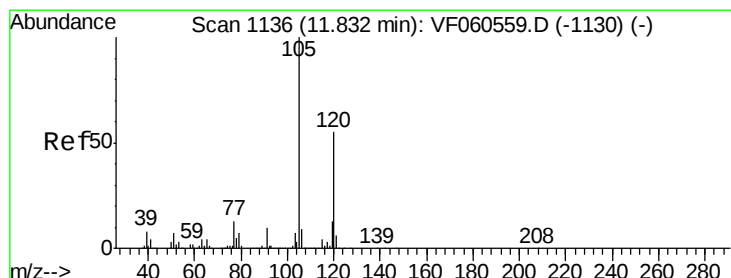
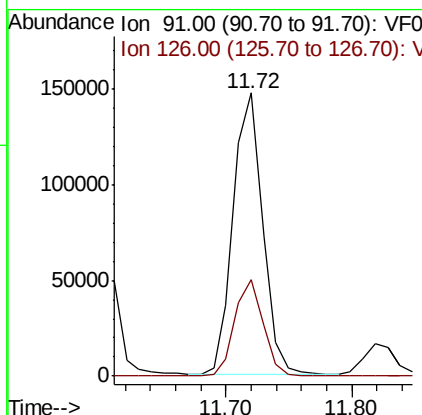
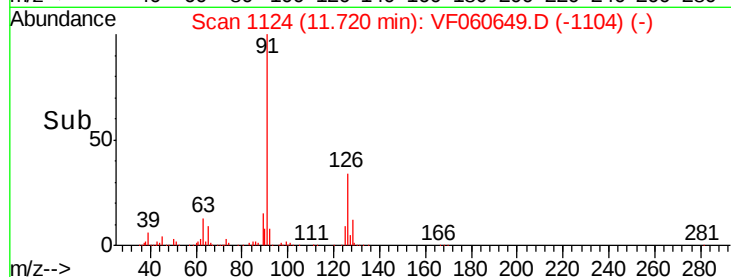
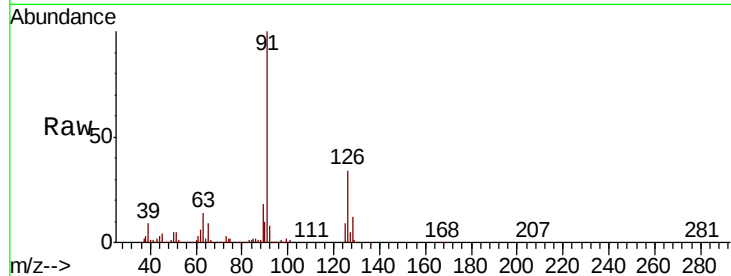
#79
 2-Chlorotoluene
 Concen: 21.734 ug/l
 RT: 11.72 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1108SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.3	16.5	49.5

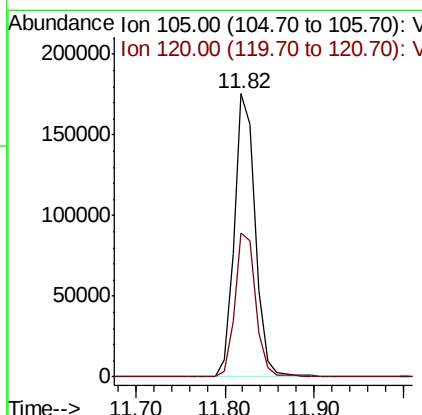
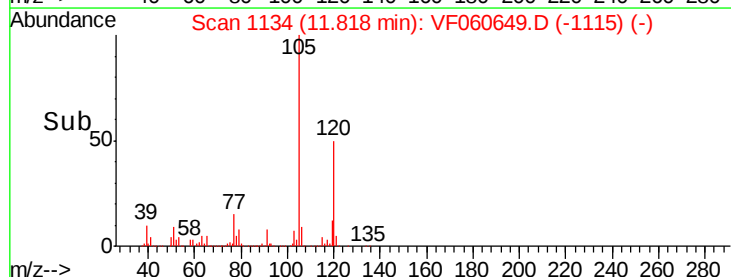
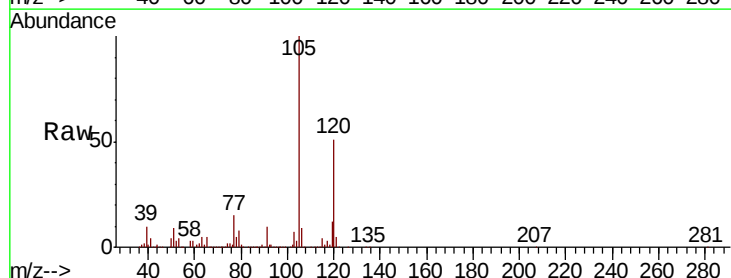
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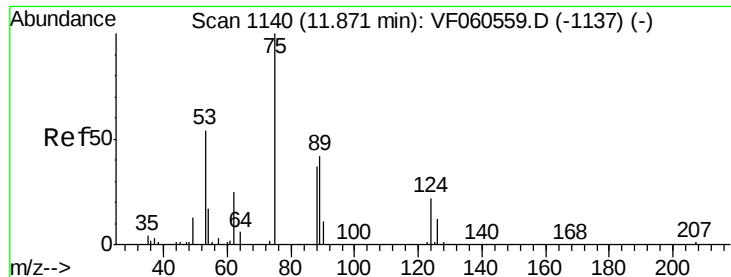
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.499 ug/l
 RT: 11.82 min Scan# 1134
 Delta R.T. -0.01 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.6	27.6	82.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.777 ug/l m

RT: 11.87 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBSD01

Tot Ion: 75 Resp: 21708

Ion Ratio Lower Upper

75 100

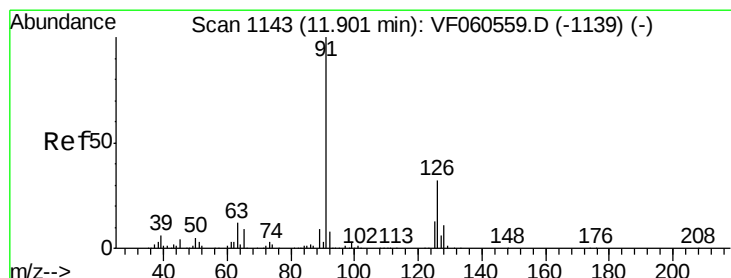
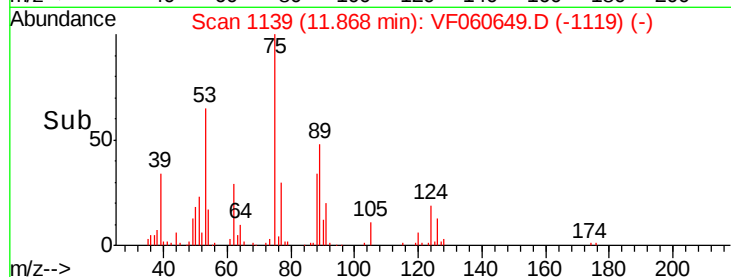
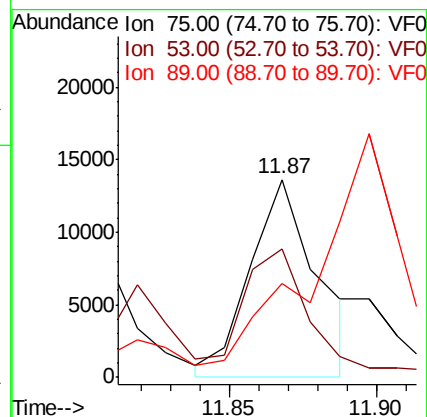
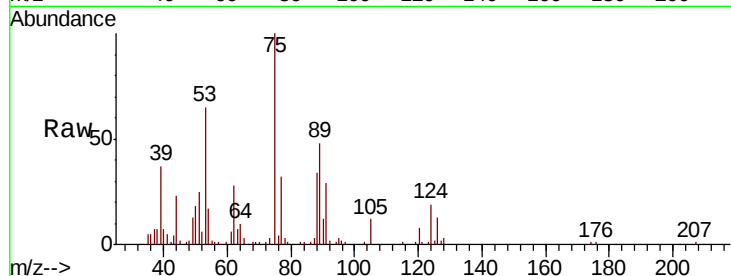
53 65.1 51.6 77.4

89 47.7 36.7 55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.695 ug/l

RT: 11.90 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VF060649.D

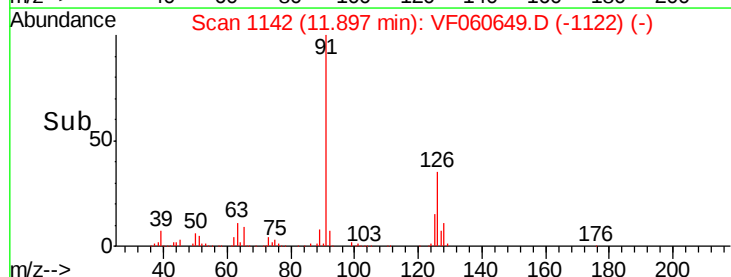
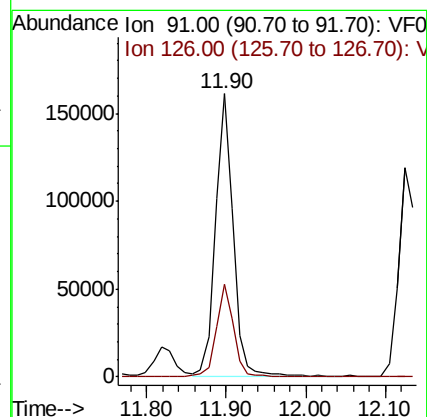
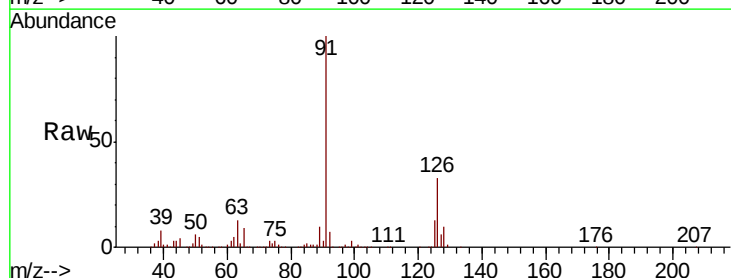
Acq: 8 Nov 2018 14:29

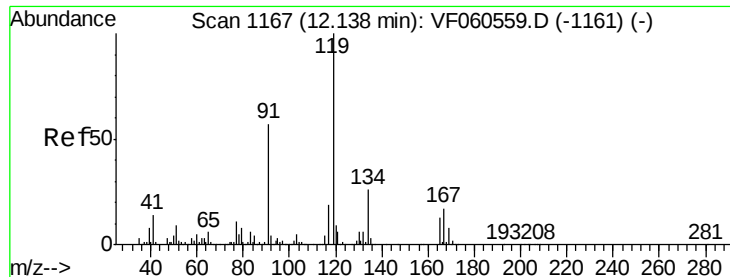
Tgt Ion: 91 Resp: 248028

Ion Ratio Lower Upper

91 100

126 32.5 15.9 47.7





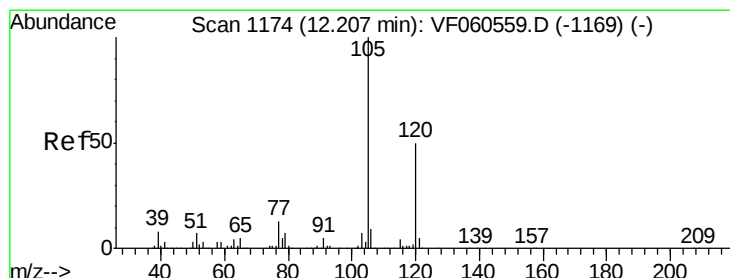
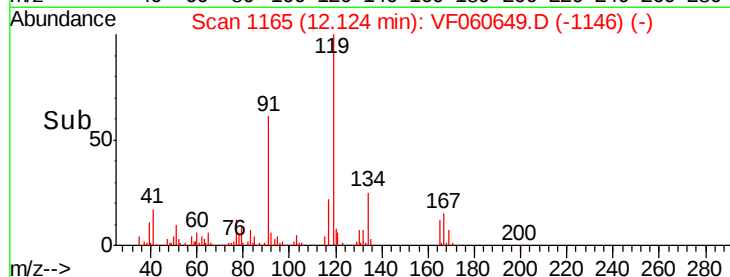
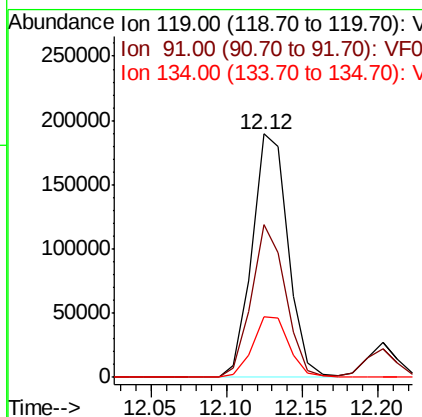
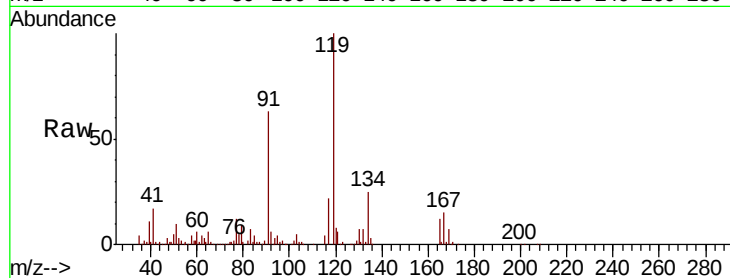
#83
tert-Butylbenzene
Concen: 22.809 ug/l
RT: 12.12 min Scan# 1165
Delta R.T. -0.01 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	28.8	86.4
134	24.8	13.2	39.6

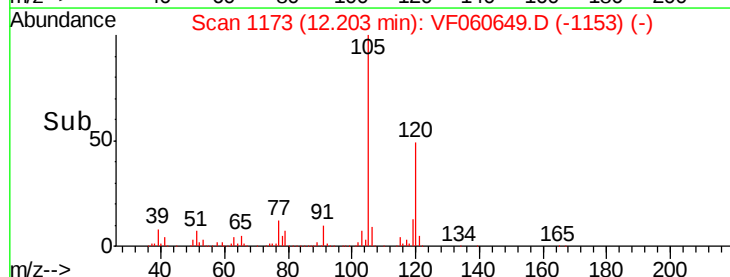
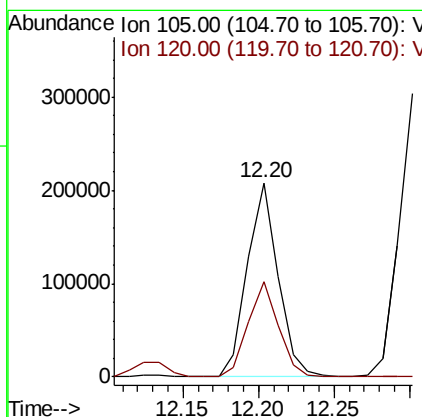
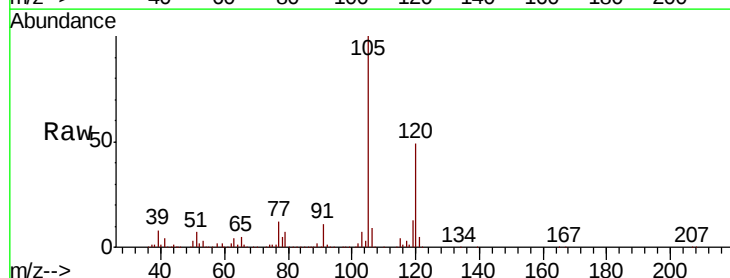
Manual Integrations
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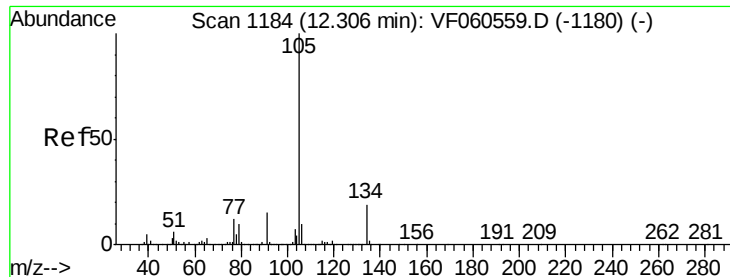
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#84
1,2,4-Trimethylbenzene
Concen: 22.471 ug/l
RT: 12.20 min Scan# 1173
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.7	25.6	76.8





#85

sec-Butylbenzene

Concen: 23.004 ug/l

RT: 12.30 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

ClientSampleId :

VF1108SBSD01

Tot Ion:105 Resp: 436992

Ion Ratio Lower Upper

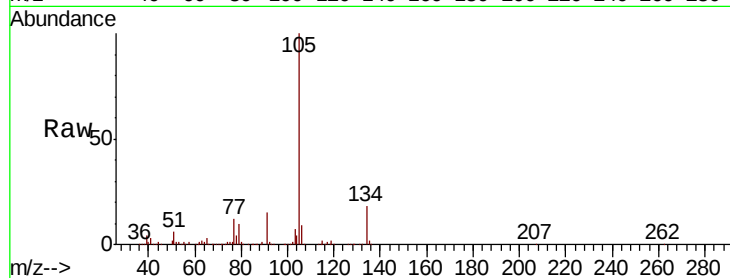
105 100

134 18.4 9.7 29.1

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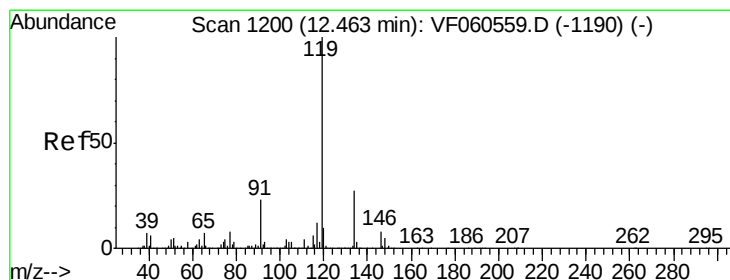
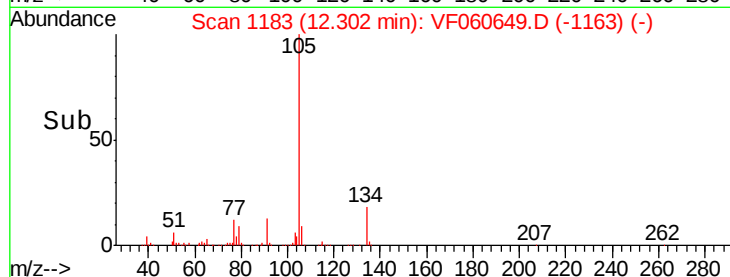
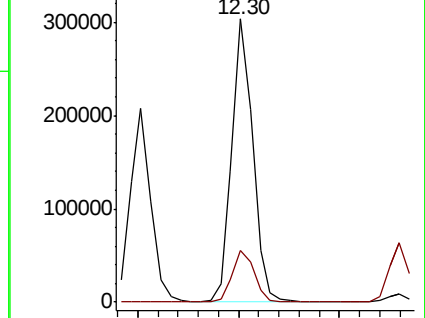
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.106 ug/l

RT: 12.46 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

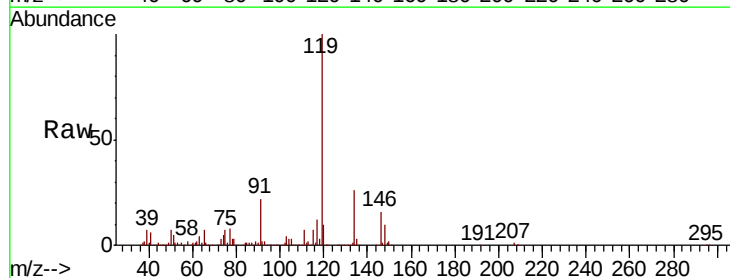
Tgt Ion:119 Resp: 345820

Ion Ratio Lower Upper

119 100

134 26.0 13.6 40.7

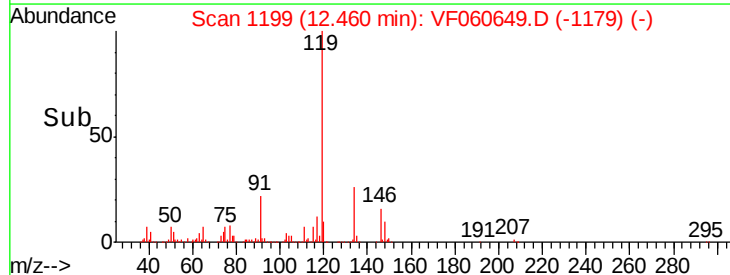
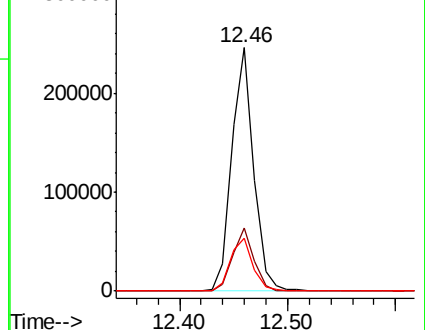
91 22.0 11.4 34.2

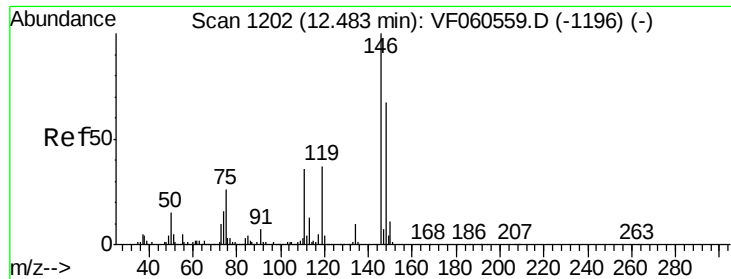


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





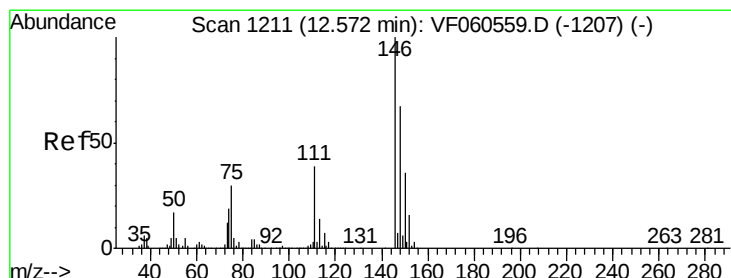
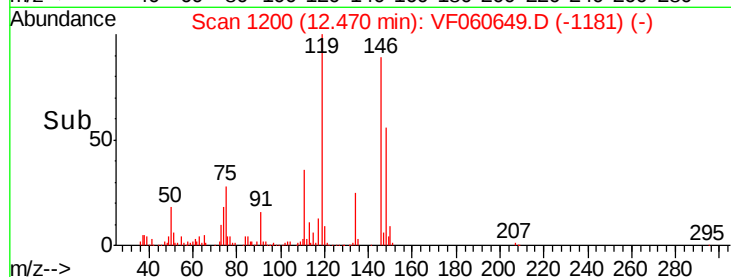
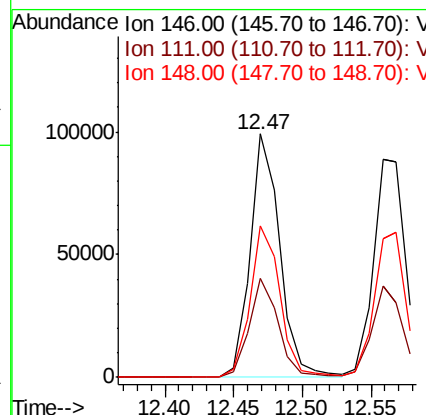
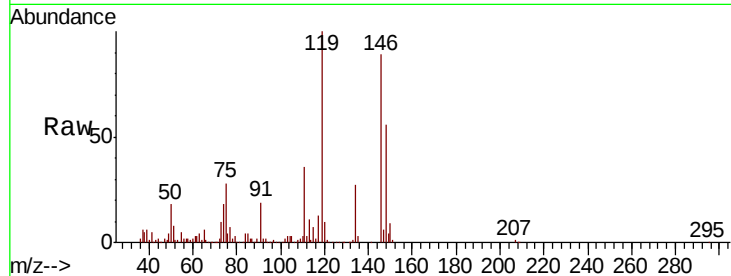
#87
 1,3-Dichlorobenzene
 Concen: 21.265 ug/l
 RT: 12.47 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1108SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	18.3	54.8
148	62.4	33.5	100.4

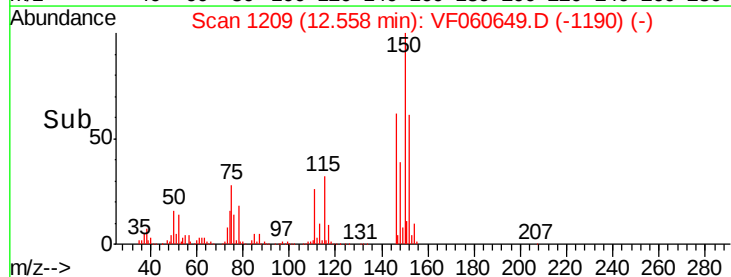
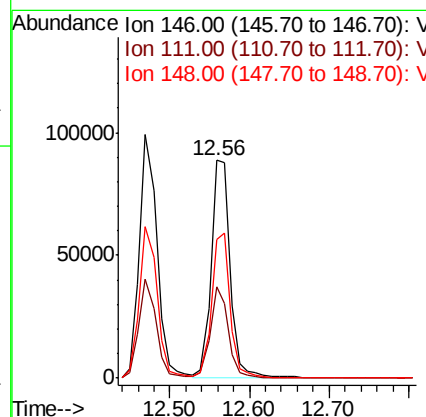
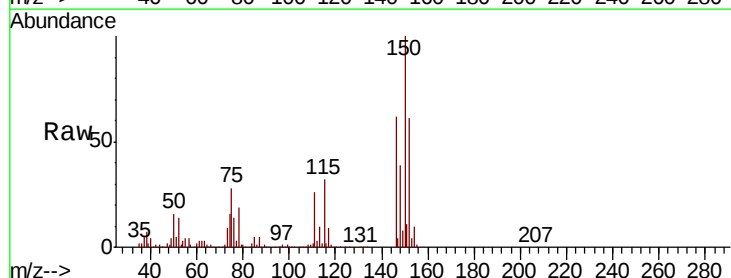
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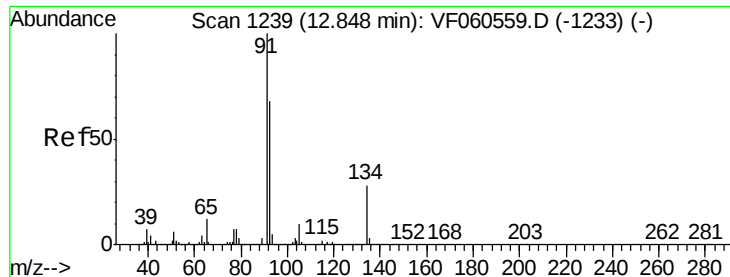
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#88
 1,4-Dichlorobenzene
 Concen: 22.299 ug/l
 RT: 12.56 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.7	59.1
148	64.0	33.7	101.1





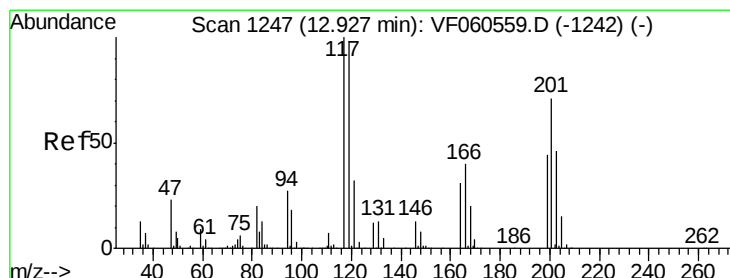
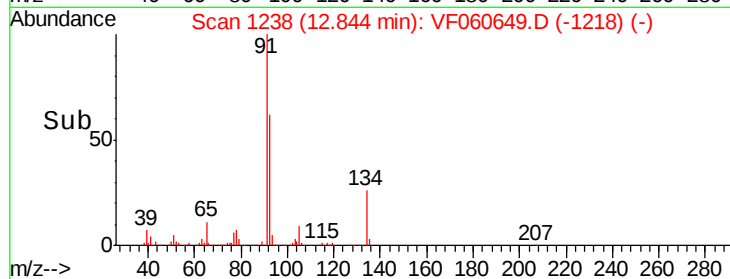
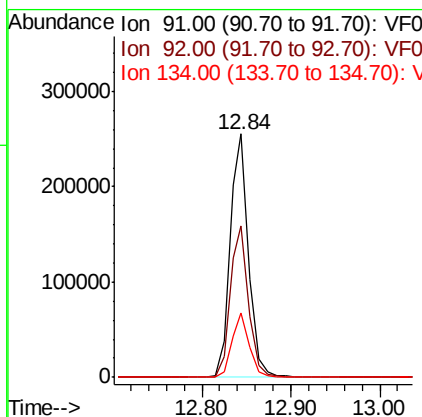
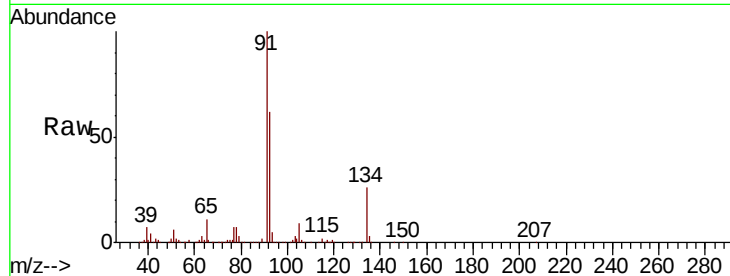
#89
n-Butylbenzene
Concen: 21.967 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Instrument :
MSVOA_F
ClientSampleId :
VF1108SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	62.2	34.1	102.2
134	26.4	13.9	41.6

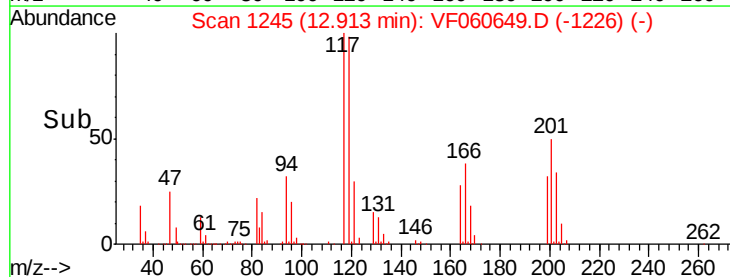
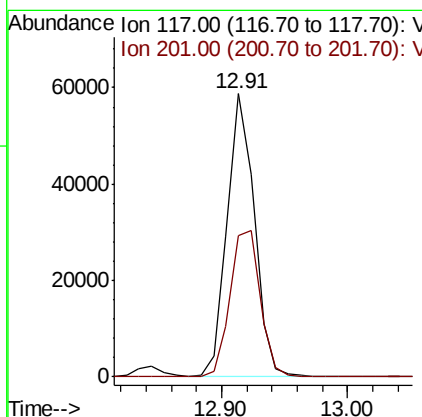
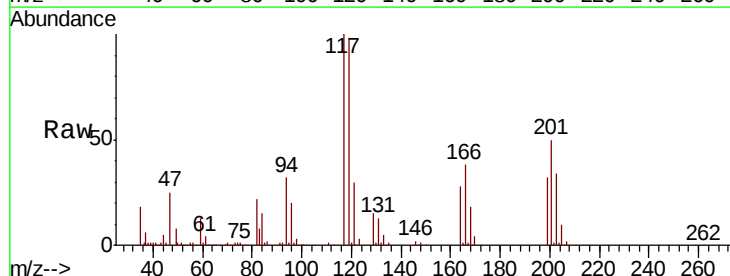
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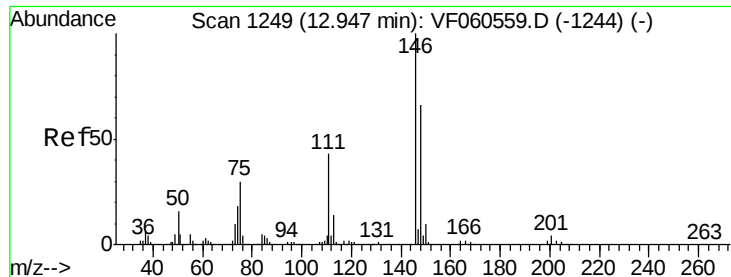
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#90
Hexachloroethane
Concen: 22.125 ug/l
RT: 12.91 min Scan# 1245
Delta R.T. -0.01 min
Lab File: VF060649.D
Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	50.8	35.2	105.6





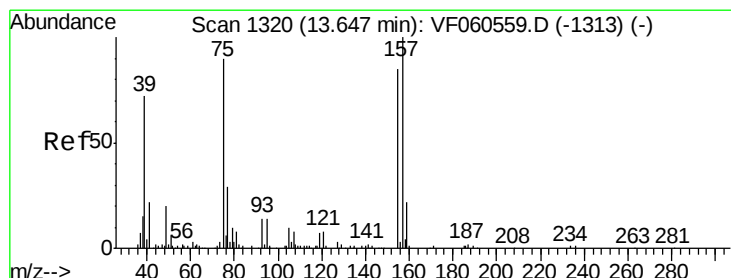
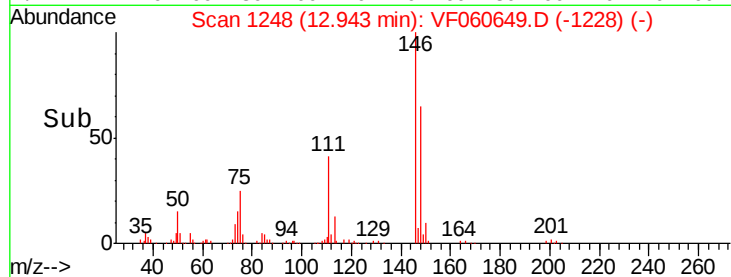
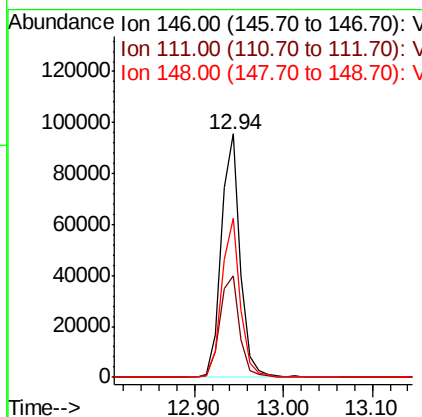
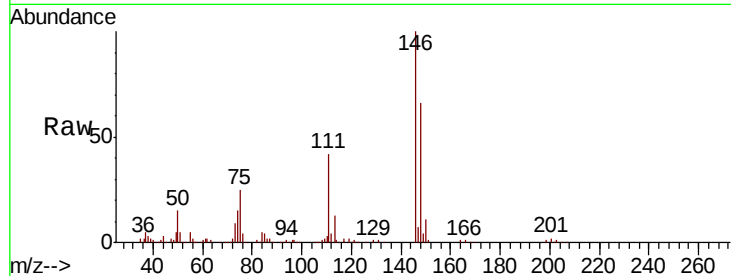
#91
 1,2-Dichlorobenzene
 Concen: 21.826 ug/l
 RT: 12.94 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1108SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	64.0
148	65.6	32.9	98.7

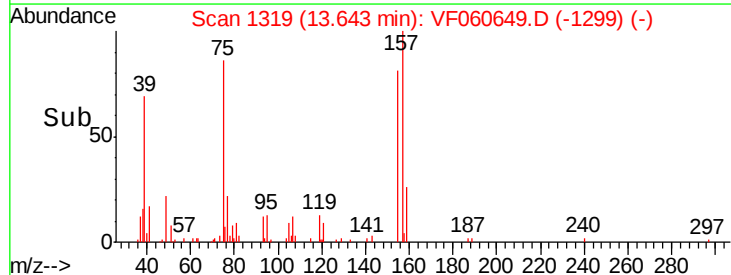
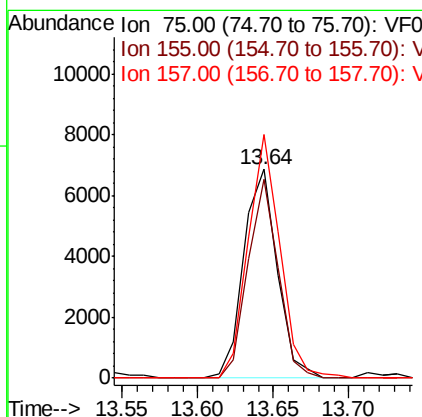
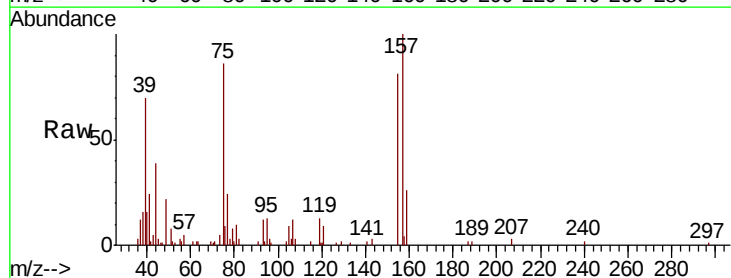
Manual Integrations
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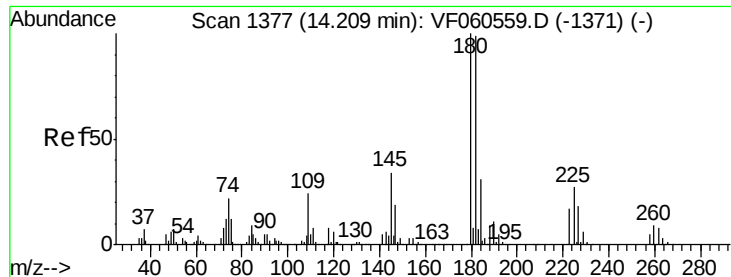
apatel
 11/9/2018 3:31:48 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.425 ug/l
 RT: 13.64 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	47.3	141.8
157	116.6	55.3	165.9





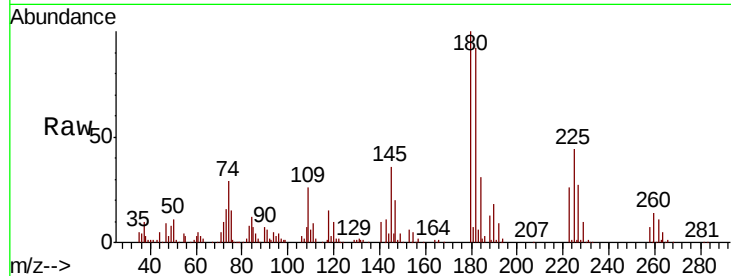
#93
 1,2,4-Trichlorobenzene
 Concen: 22.991 ug/l
 RT: 14.20 min Scan# 1375
 Delta R.T. -0.01 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Instrument :
 MSVOA_F
 ClientSampleId :
 VF1108SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.2	49.7	149.1	
145	36.4	16.9	50.7	

Manual Integrations
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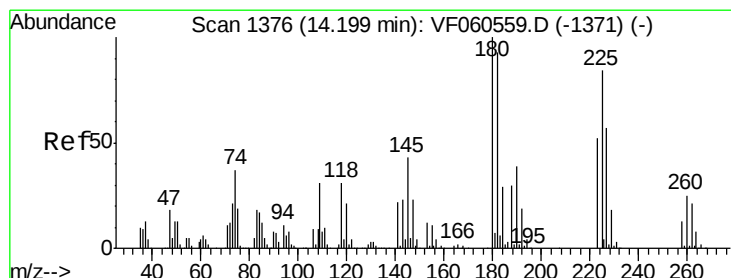
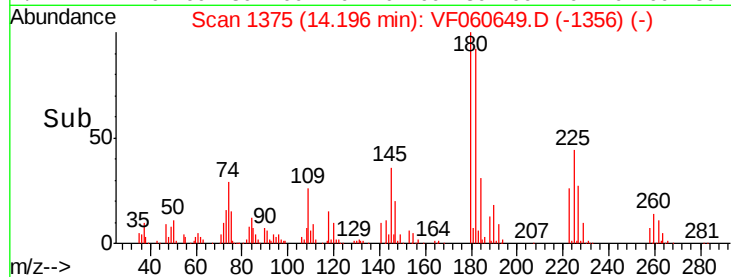
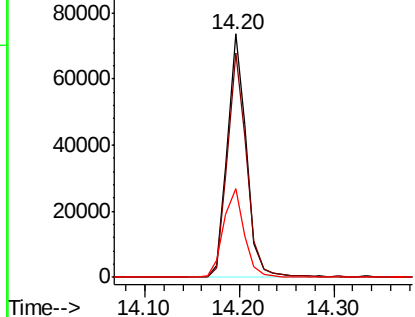


Abundance

Ion 180.00 (179.70 to 180.70): V

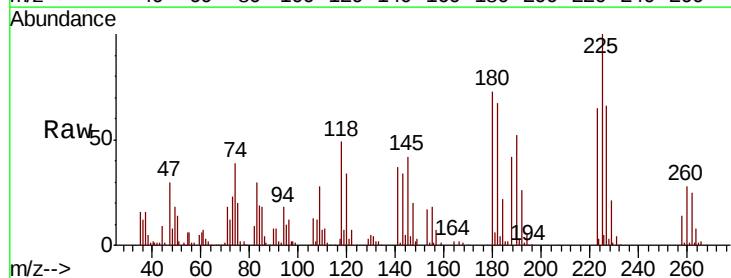
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94
 Hexachlorobutadiene
 Concen: 22.541 ug/l
 RT: 14.19 min Scan# 1374
 Delta R.T. -0.01 min
 Lab File: VF060649.D
 Acq: 8 Nov 2018 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.4	30.9	92.5	
227	65.9	33.9	101.6	

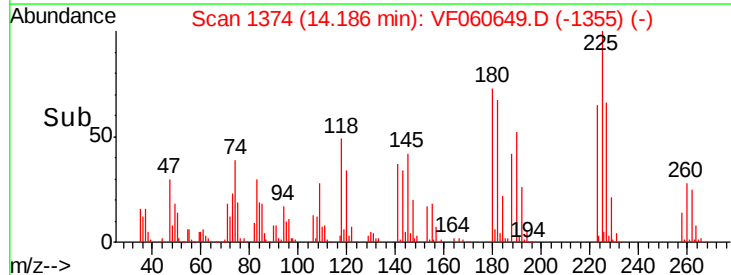
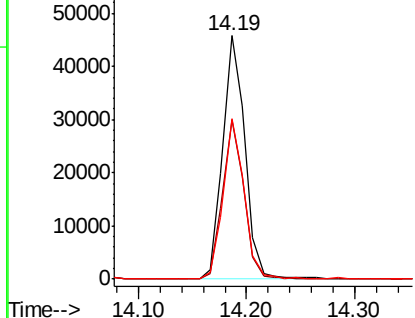


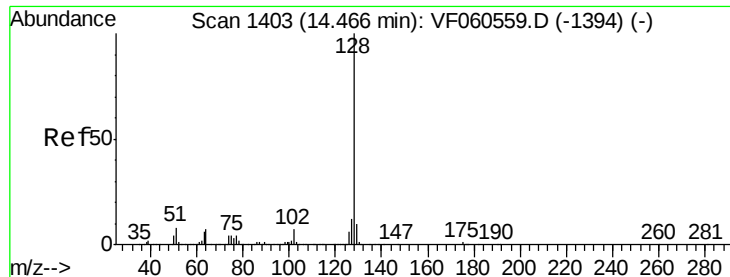
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#95

Naphthalene

Concen: 21.292 ug/l

RT: 14.45 min Scan# 1401

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Instrument :

MSVOA_F

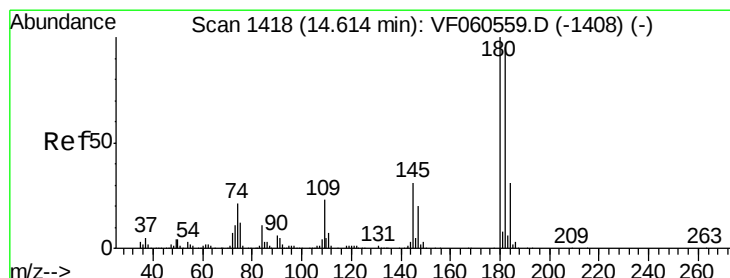
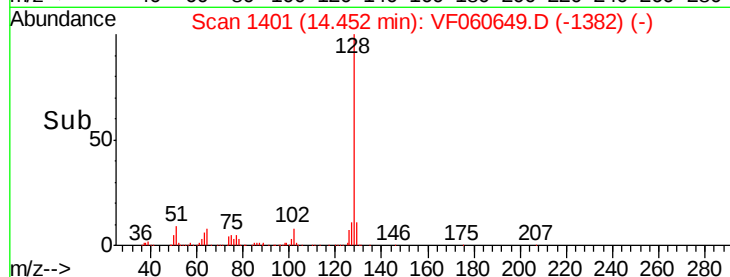
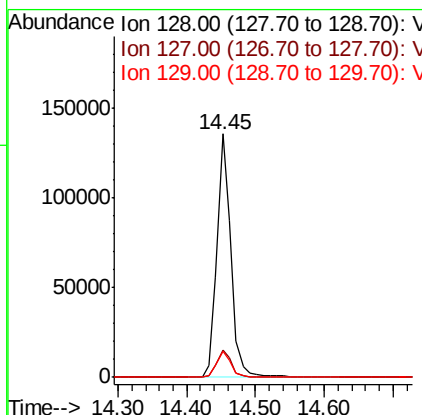
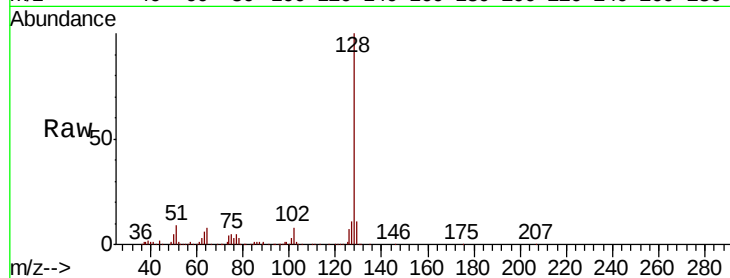
ClientSampleId :

VF1108SBS01

Tot Ion:	128	Resp:	190772
Ion Ratio	Lower	Upper	
128	100		
127	11.4	9.4	14.0
129	10.8	8.4	12.6

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.839 ug/l

RT: 14.60 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VF060649.D

Acq: 8 Nov 2018 14:29

Tgt Ion:	180	Resp:	88120
Ion Ratio	Lower	Upper	
180	100		
182	104.0	47.3	142.0
145	34.0	15.6	46.8

