

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060371.D
 Acq On : 28 Sep 2018 17:07
 Operator : VA/AP
 Sample : VF0928SBSD01
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0928SBSD01

Manual Integrations
 APPROVED

apatel
 10/1/2018 3:03:52 PM

Quant Time: Sep 29 00:41:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	211627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	339823	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	307804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	182002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	171595	60.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.44%	
35) Dibromofluoromethane	4.28	113	169542	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
50) Toluene-d8	7.69	98	407262	51.62	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.51	95	197625	57.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.00	85	105149	30.774	ug/l	94
3) Chloromethane	1.14	50	69029	23.936	ug/l	94
4) Vinyl Chloride	1.18	62	71605	24.363	ug/l	100
5) Bromomethane	1.35	94	56530	31.505	ug/l	83
6) Chloroethane	1.43	64	36095	25.787	ug/l	92
7) Trichlorofluoromethane	1.55	101	169337	30.926	ug/l	99
8) Diethyl Ether	1.70	74	22387	24.574	ug/l	67
9) 1,1,2-Trichlorotrifluoroet	1.89	101	79888	27.434	ug/l #	90
10) Methyl Iodide	1.96	142	123038	26.201	ug/l	86
11) Tert butyl alcohol	2.68	59	24460	146.909	ug/l #	86
12) 1,1-Dichloroethene	1.85	96	60750	25.225	ug/l	99
13) Acrolein	2.09	56	7432	100.689	ug/l	88
14) Allyl chloride	2.18	41	105352	25.068	ug/l #	80
15) Acrylonitrile	3.06	53	44644	110.927	ug/l	97
16) Acetone	2.33	43	105014	130.856	ug/l	98
17) Carbon Disulfide	1.88	76	184238	27.318	ug/l	99
18) Methyl Acetate	2.45	43	28945	21.650	ug/l	99
19) Methyl tert-butyl Ether	2.53	73	158957	26.476	ug/l	99
20) Methylene Chloride	2.27	84	71212m	29.860	ug/l	
21) trans-1,2-Dichloroethene	2.41	96	64360	25.875	ug/l	96
22) Diisopropyl ether	2.92	45	182372	23.000	ug/l	92
23) Vinyl Acetate	3.32	43	361387	116.045	ug/l	98
24) 1,1-Dichloroethane	2.99	63	124691	24.248	ug/l	98
25) 2-Butanone	4.50	43	121684	112.651	ug/l	96
26) 2,2-Dichloropropane	3.75	77	80079	27.292	ug/l	90
27) cis-1,2-Dichloroethene	3.62	96	75060	22.970	ug/l	96
28) Bromochloromethane	3.87	49	45896	22.924	ug/l	87
29) Tetrahydrofuran	4.24	42	41406	104.675	ug/l	98
30) Chloroform	4.02	83	160784	25.913	ug/l	97
31) Cyclohexane	3.85	56	97765	22.508	ug/l	92
32) 1,1,1-Trichloroethane	4.26	97	136117	27.802	ug/l	93
36) 1,1-Dichloropropene	4.45	75	114140	26.927	ug/l	91
37) Ethyl Acetate	4.27	43	43906	24.480	ug/l	100
38) Carbon Tetrachloride	4.16	117	149033	32.733	ug/l	99

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 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	107530	23.406	ug/l	96
40) Benzene	4.80	78	229145	23.841	ug/l	99
41) Methacrylonitrile	4.90	41	22106	22.714	ug/l #	84
42) 1,2-Dichloroethane	5.10	62	103115	29.147	ug/l	90
43) Isopropyl Acetate	7.10	43	50437	23.359	ug/l #	98
44) Trichloroethene	5.66	130	69193	24.190	ug/l	89
45) 1,2-Dichloropropane	6.39	63	58885	23.672	ug/l #	87
46) Dibromomethane	6.24	93	42625	23.973	ug/l	95
47) Bromodichloromethane	6.54	83	109327	25.586	ug/l	98
48) Methyl methacrylate	6.86	41	34995	23.088	ug/l #	89
49) 1,4-Dioxane	6.84	88	7137	527.060	ug/l #	86
51) 4-Methyl-2-Pentanone	8.39	43	186356	111.980	ug/l	98
52) Toluene	7.77	92	144862	23.824	ug/l	98
53) t-1,3-Dichloropropene	8.41	75	89487	25.963	ug/l	97
54) cis-1,3-Dichloropropene	7.44	75	103611	23.862	ug/l	93
55) 1,1,2-Trichloroethane	8.63	97	42153	22.841	ug/l #	87
56) Ethyl methacrylate	8.74	69	52369	23.496	ug/l #	92
57) 1,3-Dichloropropane	8.98	76	75686	24.769	ug/l #	85
58) 2-Chloroethyl Vinyl ether	7.77	63	26288	133.417	ug/l	100
59) 2-Hexanone	9.62	43	146653	123.767	ug/l	96
60) Dibromochloromethane	8.85	129	68158	24.779	ug/l	91
61) 1,2-Dibromoethane	9.12	107	50237	24.445	ug/l	100
64) Tetrachloroethene	8.29	164	61716	22.118	ug/l	92
65) Chlorobenzene	9.93	112	165534	23.728	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.06	131	74160	25.616	ug/l	95
67) Ethyl Benzene	10.03	91	317592	24.622	ug/l	98
68) m/p-Xylenes	10.25	106	210221	47.174	ug/l	95
69) o-Xylene	10.82	106	123041	24.616	ug/l	94
70) Styrene	10.89	104	173579	24.625	ug/l	96
71) Bromoform	10.88	173	37979	23.886	ug/l #	99
73) Isopropylbenzene	11.22	105	371605	22.744	ug/l	99
74) N-amyl acetate	11.46	43	88101	25.286	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.77	83	66450	22.949	ug/l	99
76) 1,2,3-Trichloropropane	11.88	75	48522	23.403	ug/l	87
77) Bromobenzene	11.58	156	82027	23.295	ug/l	91
78) n-propylbenzene	11.68	91	454923	23.895	ug/l	98
79) 2-Chlorotoluene	11.80	91	256390	23.263	ug/l	96
80) 1,3,5-Trimethylbenzene	11.90	105	325308	24.734	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.95	75	23368m	21.327	ug/l	
82) 4-Chlorotoluene	11.98	91	263588	23.795	ug/l	94
83) tert-Butylbenzene	12.20	119	323799	24.286	ug/l	97
84) 1,2,4-Trimethylbenzene	12.28	105	327665	24.535	ug/l	100
85) sec-Butylbenzene	12.38	105	440886	24.064	ug/l	98
86) p-Isopropyltoluene	12.53	119	352817	24.384	ug/l	96
87) 1,3-Dichlorobenzene	12.55	146	150257	22.836	ug/l	98
88) 1,4-Dichlorobenzene	12.64	146	152797	23.494	ug/l	96
89) n-Butylbenzene	12.91	91	390443	24.903	ug/l	95
90) Hexachloroethane	12.98	117	88168	23.633	ug/l	95
91) 1,2-Dichlorobenzene	13.01	146	152042	24.223	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.70	75	12037	22.141	ug/l	78

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QLast Update : Thu Sep 20 02:58:42 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	113788	24.941	ug/l	95
94) Hexachlorobutadiene	14.25	225	77062	24.987	ug/l	92
95) Naphthalene	14.51	128	196985	24.627	ug/l	97
96) 1,2,3-Trichlorobenzene	14.66	180	106134	25.176	ug/l	96

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

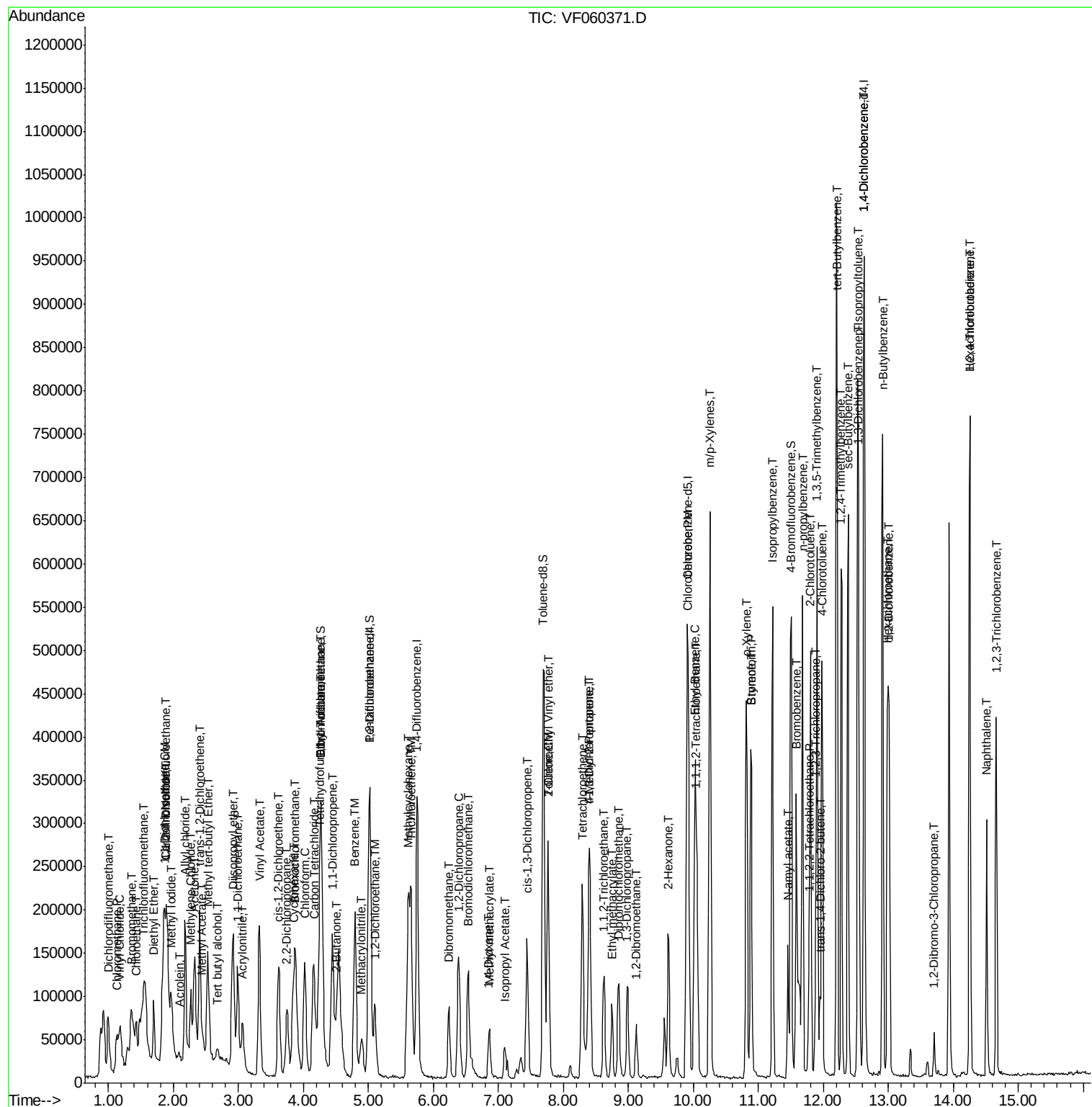
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
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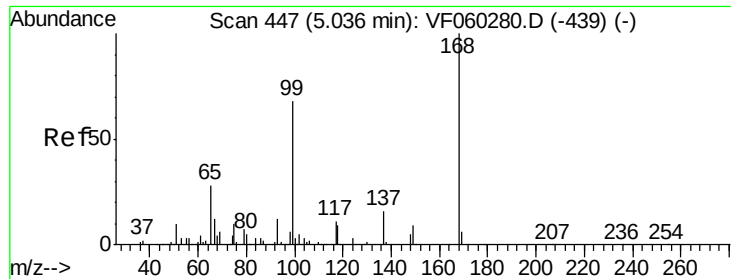
Instrument :
MSVOA_F
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VF0928SBS01

Tot Ion:168 Resp: 211627

Ion Ratio Lower Upper

168 100

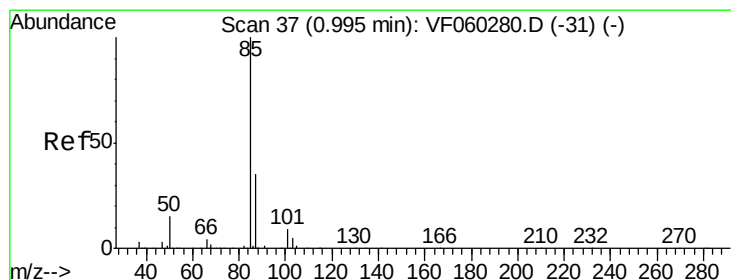
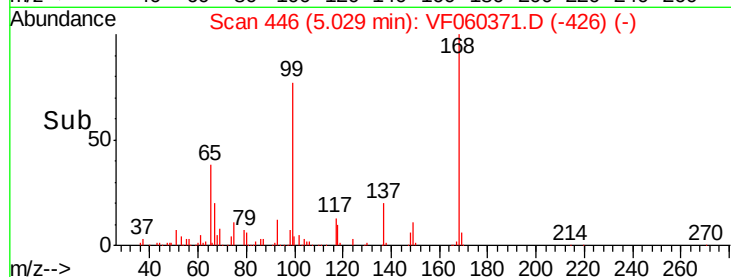
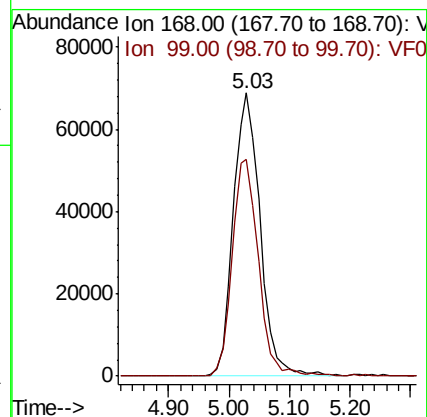
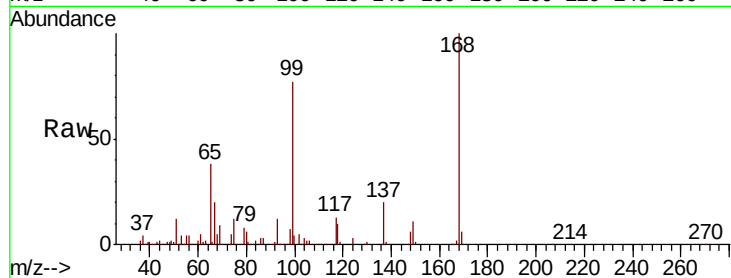
99 76.7 54.8 82.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 30.774 ug/l

RT: 1.00 min Scan# 37

Delta R.T. 0.00 min

Lab File: VF060371.D

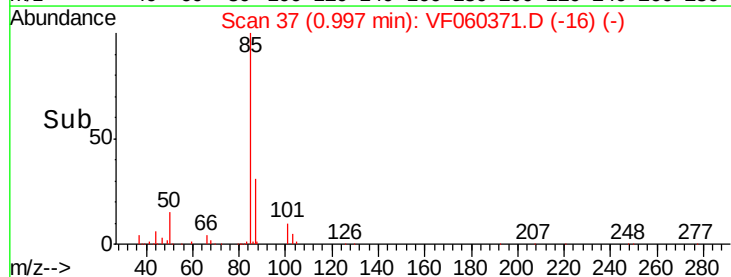
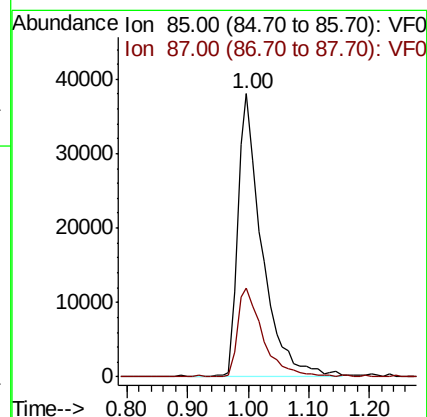
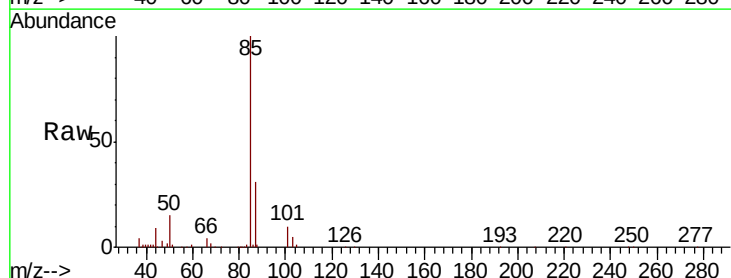
Acq: 28 Sep 2018 17:07

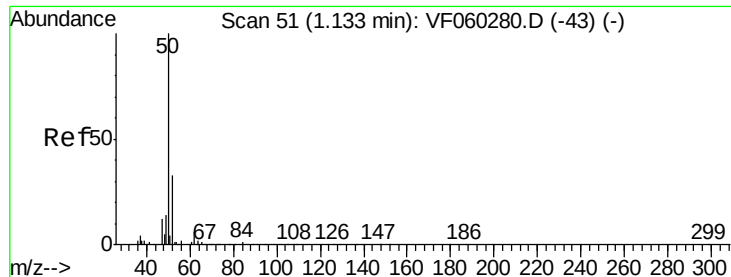
Tgt Ion: 85 Resp: 105149

Ion Ratio Lower Upper

85 100

87 31.5 17.3 52.0





#3

Chloromethane

Concen: 23.936 ug/l

RT: 1.14 min Scan# 51

Delta R.T. 0.00 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VF0928SBSD01

Tot Ion: 50 Resp: 69029

Ion Ratio Lower Upper

50 100

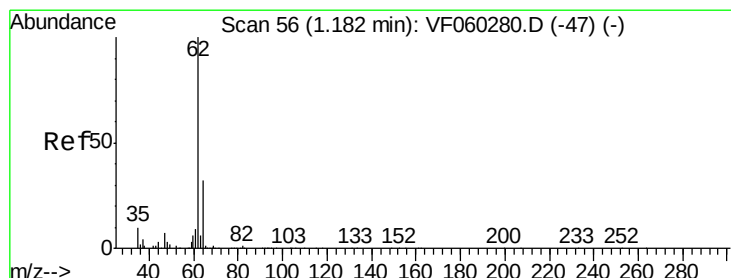
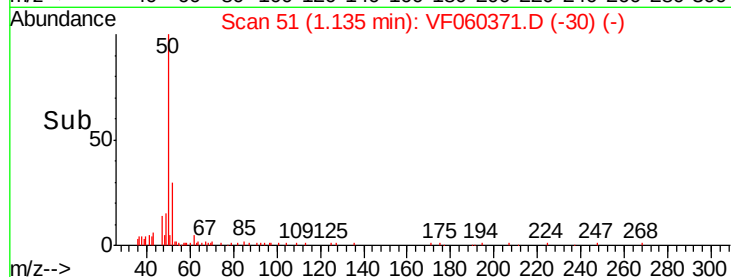
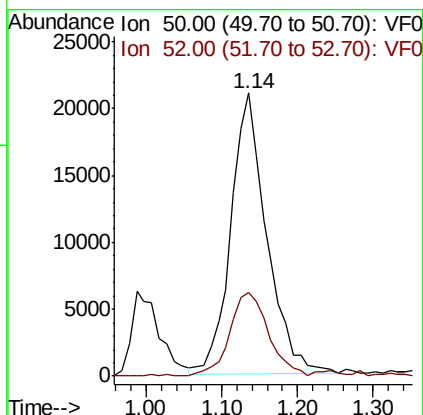
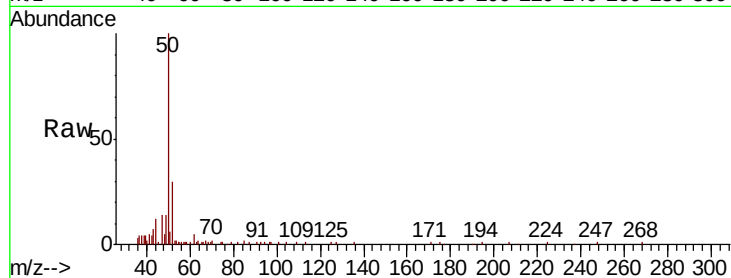
52 29.6 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 24.363 ug/l

RT: 1.18 min Scan# 56

Delta R.T. 0.00 min

Lab File: VF060371.D

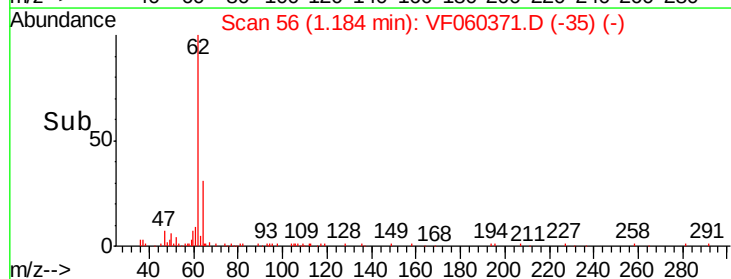
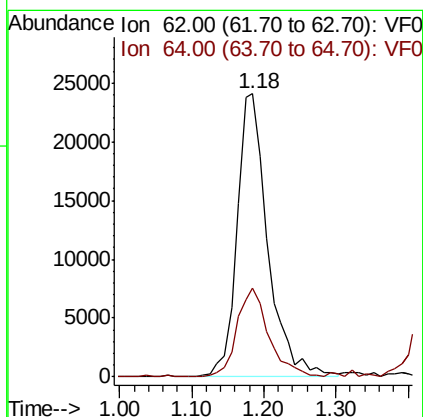
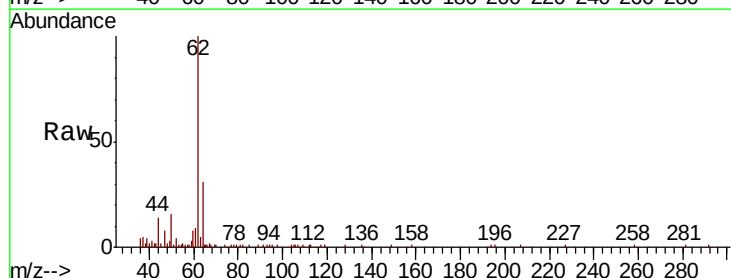
Acq: 28 Sep 2018 17:07

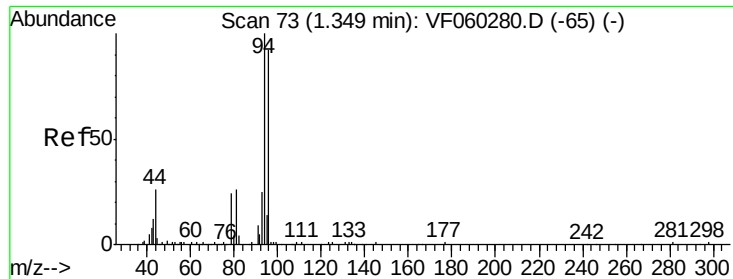
Tgt Ion: 62 Resp: 71605

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 31.505 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VF0928SBS01

Tot Ion: 94 Resp: 56530

Ion Ratio Lower Upper

94 100

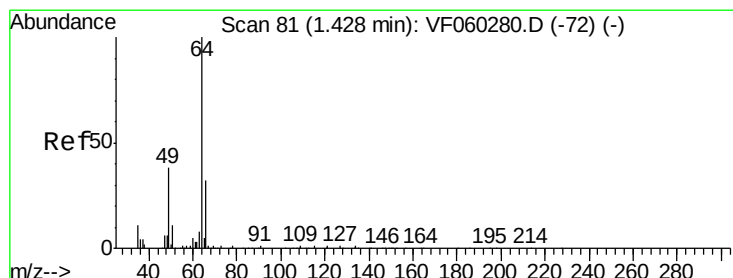
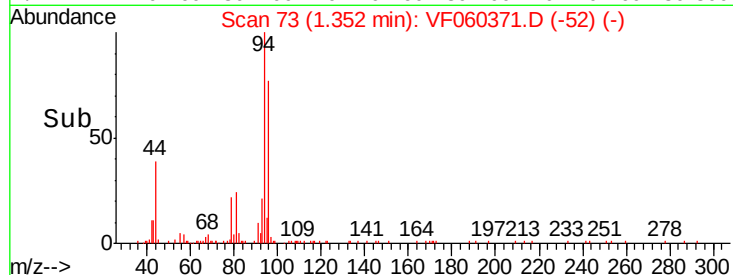
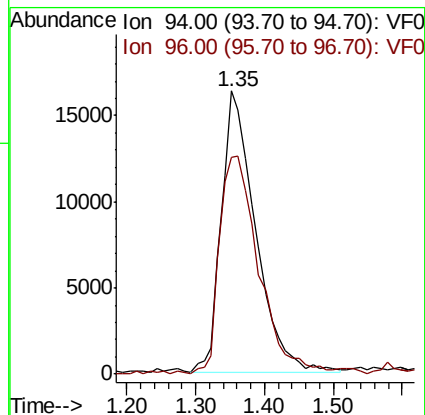
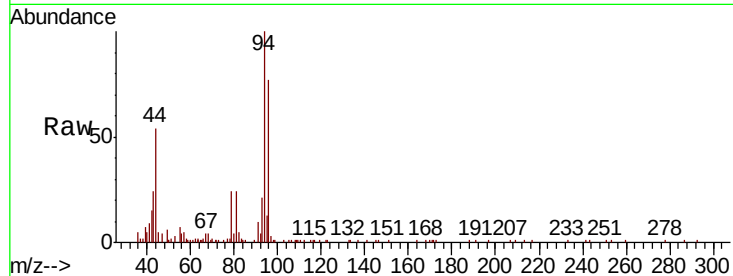
96 76.5 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 25.787 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.00 min

Lab File: VF060371.D

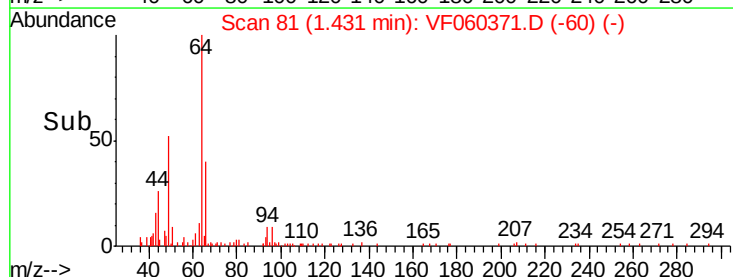
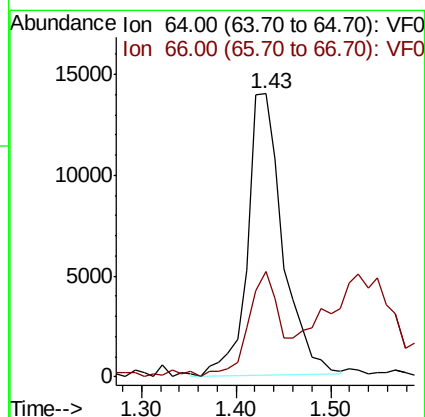
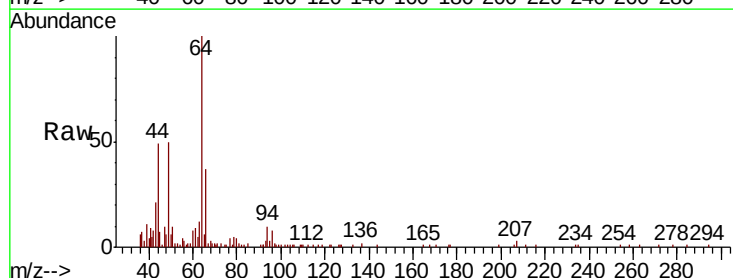
Acq: 28 Sep 2018 17:07

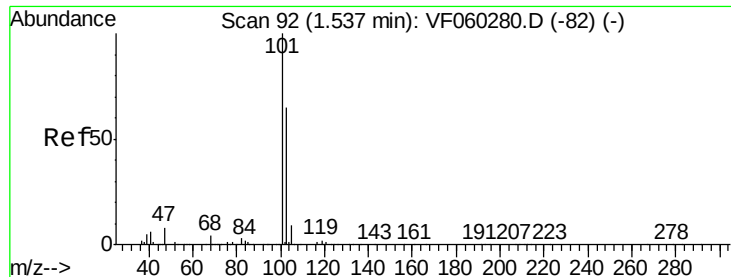
Tgt Ion: 64 Resp: 36095

Ion Ratio Lower Upper

64 100

66 37.1 26.2 39.2





#7

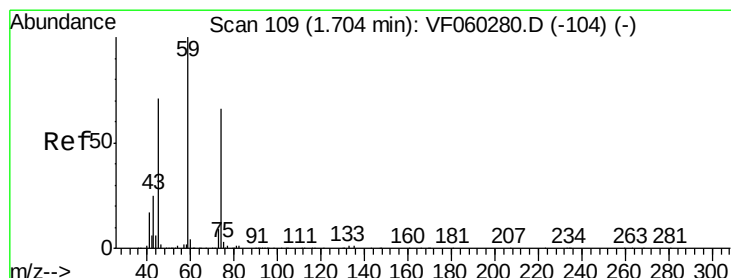
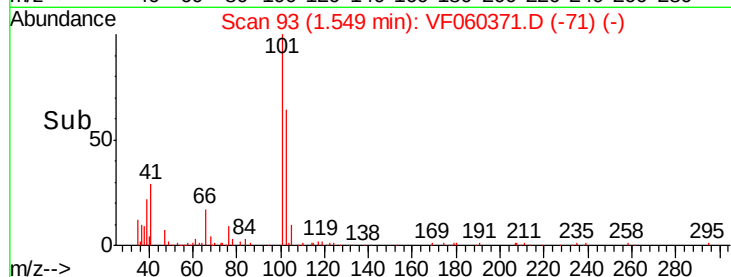
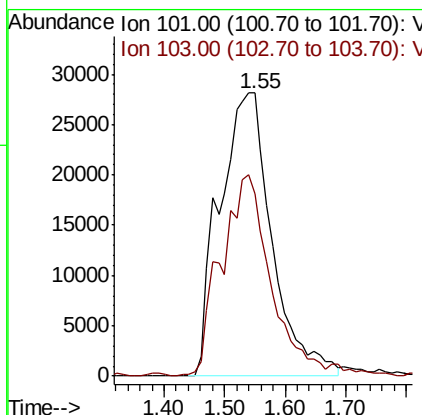
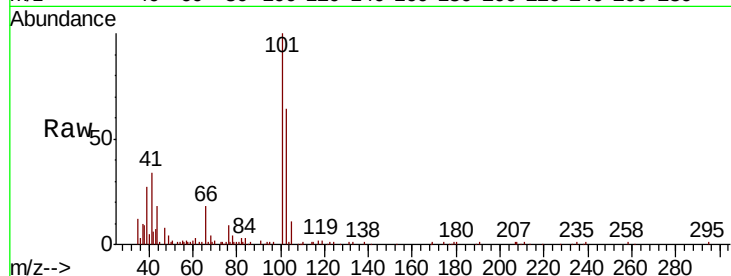
Trichlorofluoromethane
Concen: 30.926 ug/l
RT: 1.55 min Scan# 93
Delta R.T. 0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.0	78.0

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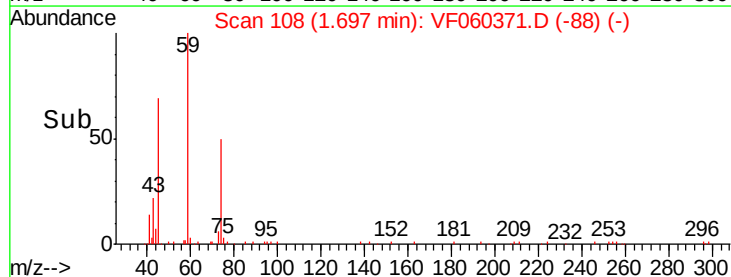
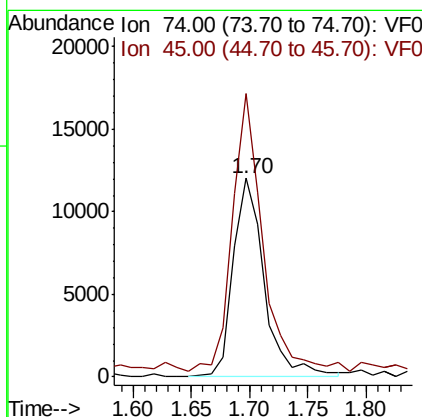
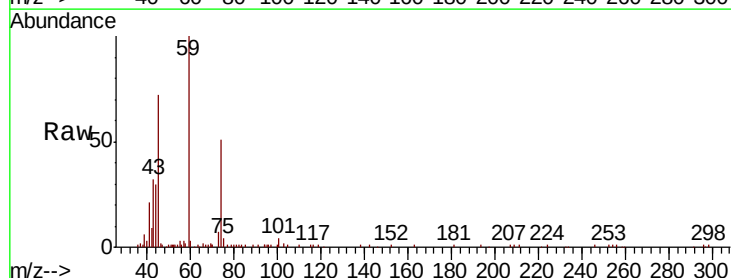
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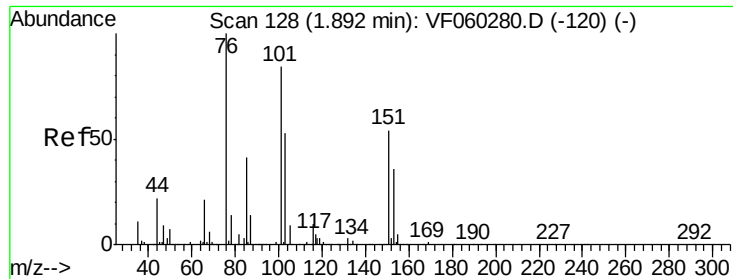


#8

Diethyl Ether
Concen: 24.574 ug/l
RT: 1.70 min Scan# 108
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	142.7	53.9	161.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 27.434 ug/l

RT: 1.89 min Scan# 128

Delta R.T. 0.00 min

Lab File: VF060371.D

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MSVOA_F

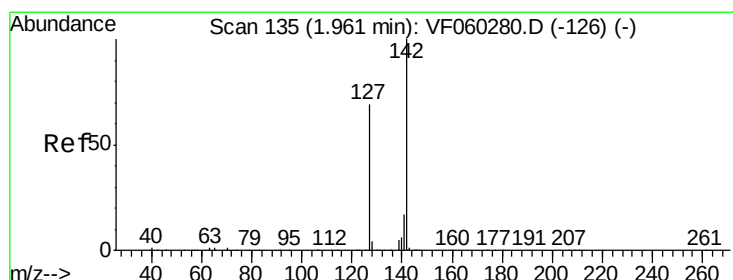
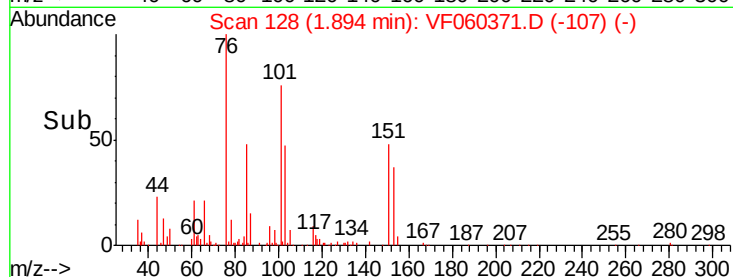
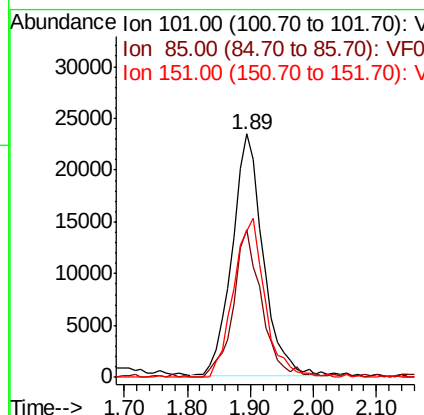
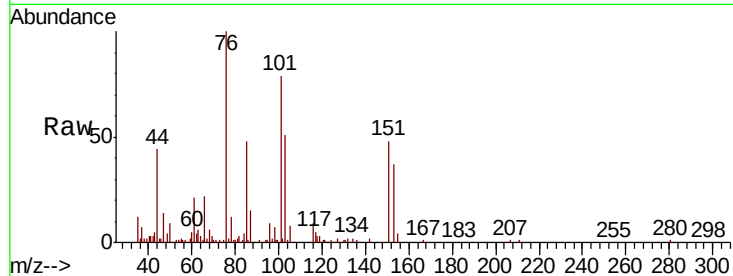
ClientSampleId :

VF0928SBSD01

Tot Ion:	101	Resp:	79888
Ion Ratio	Lower	Upper	
101	100		
85	60.7	38.7	58.1#
151	60.3	50.8	76.2

Manual Integrations
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#10

Methyl Iodide

Concen: 26.201 ug/l

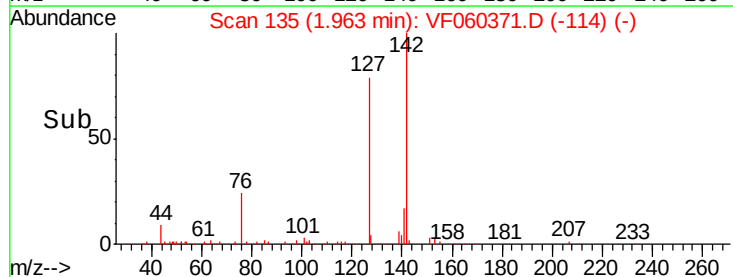
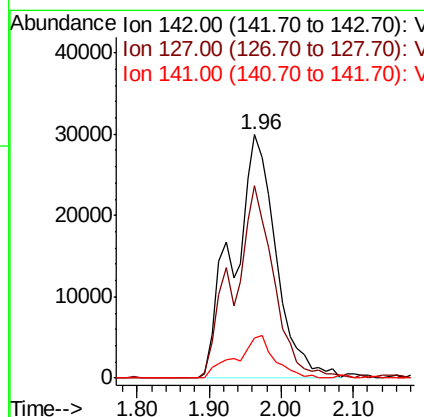
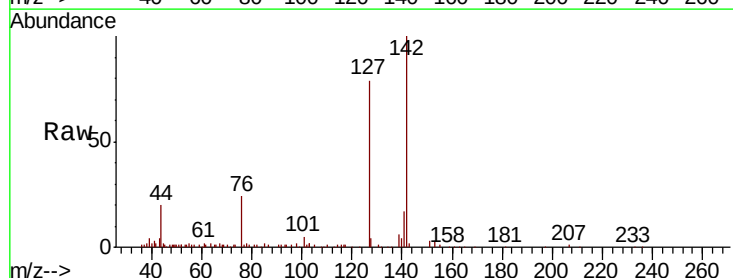
RT: 1.96 min Scan# 135

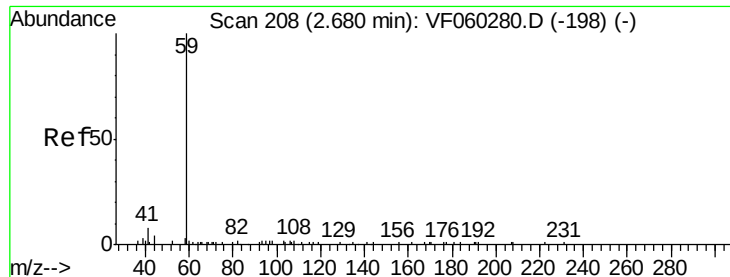
Delta R.T. 0.00 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion:	142	Resp:	123038
Ion Ratio	Lower	Upper	
142	100		
127	83.0	55.4	83.0
141	16.5	13.3	19.9





#11

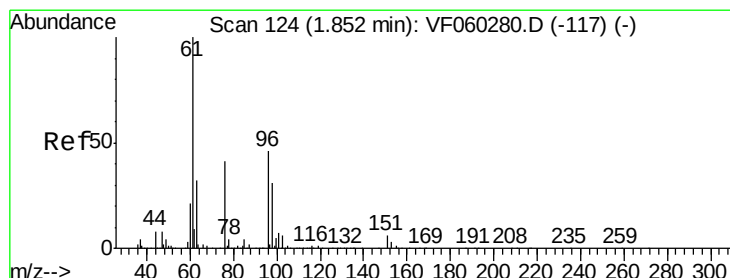
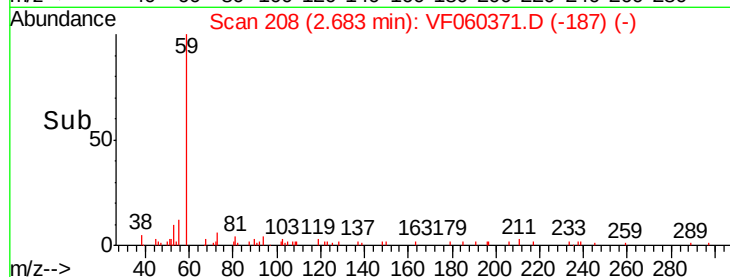
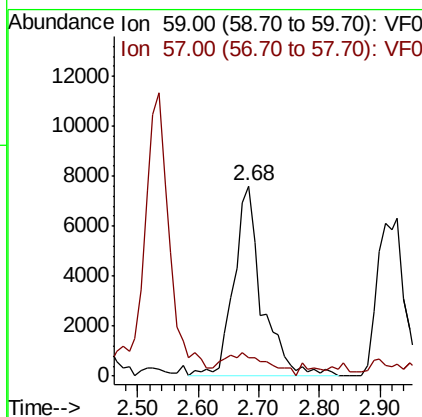
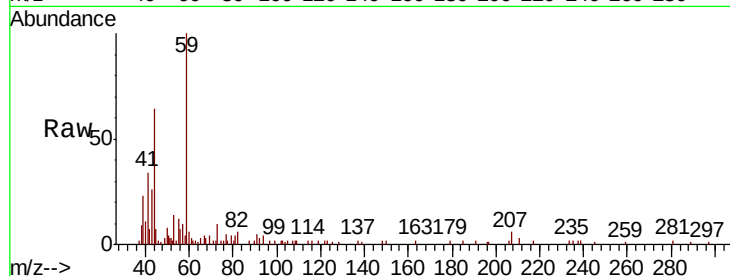
Tert butyl alcohol
Concen: 146.909 ug/l
RT: 2.68 min Scan# 208
Delta R.T. 0.00 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBSD01

Tot Ion	59	Resp	24460
Ion Ratio	100	Lower	Upper
57	9.6	12.4	18.6#

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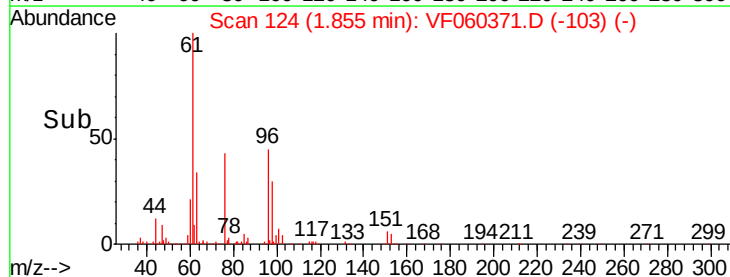
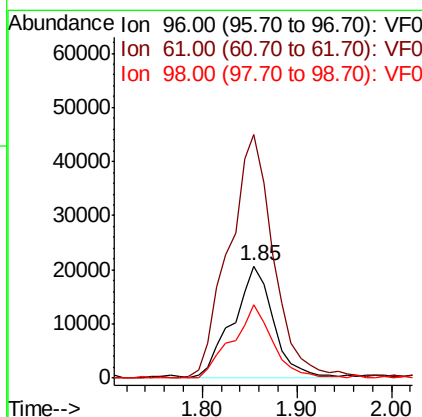
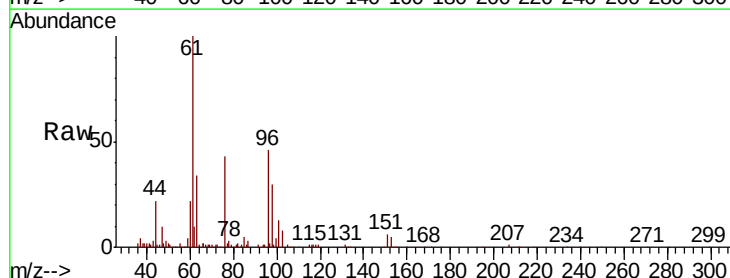
apatel
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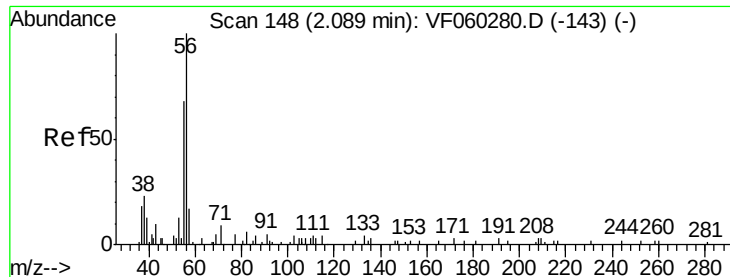


#12

1,1-Dichloroethene
Concen: 25.225 ug/l
RT: 1.85 min Scan# 124
Delta R.T. 0.00 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	96	Resp	60750
Ion Ratio	100	Lower	Upper
61	217.4	172.2	258.2
98	66.7	54.1	81.1





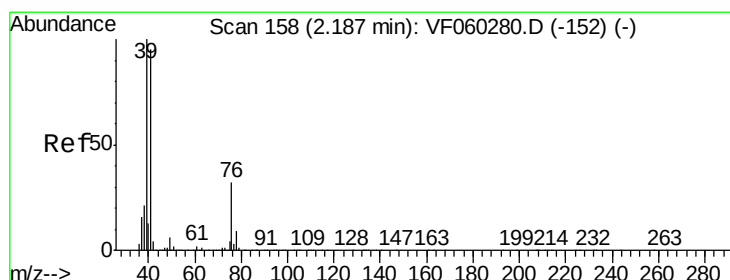
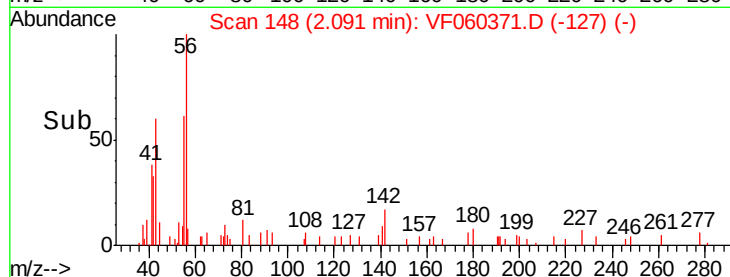
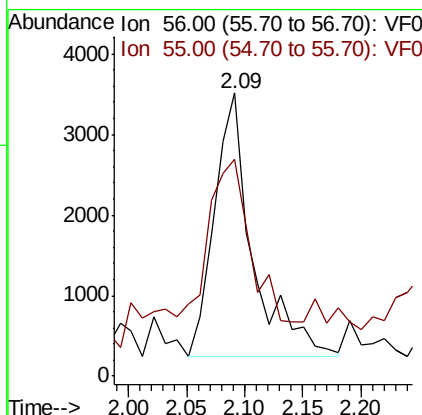
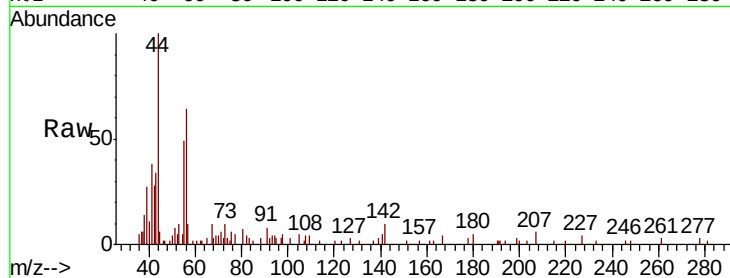
#13
Acrolein
Concen: 100.689 ug/l
RT: 2.09 min Scan# 148
Delta R.T. 0.00 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBSD01

Tot Ion	56	Resp	7432
Ion Ratio	100	Lower	Upper
55	76.6	69.9	104.9

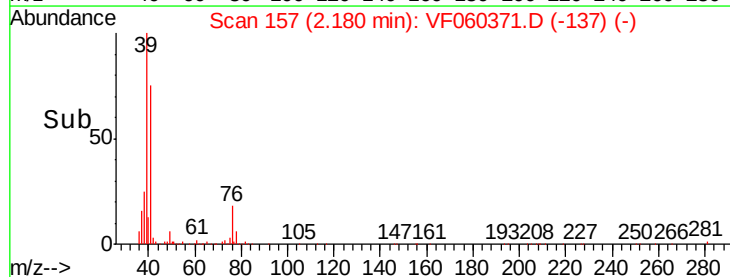
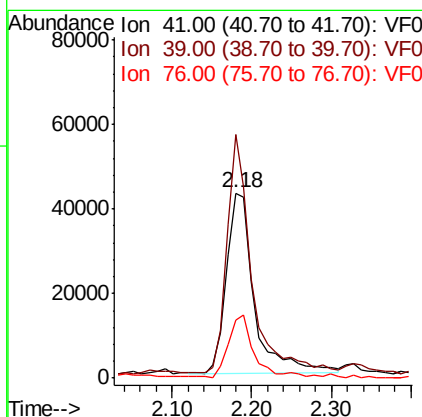
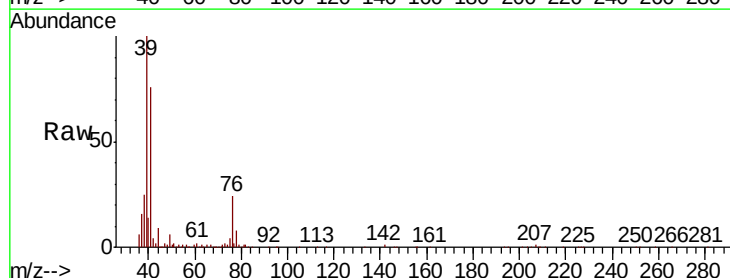
Manual Integrations
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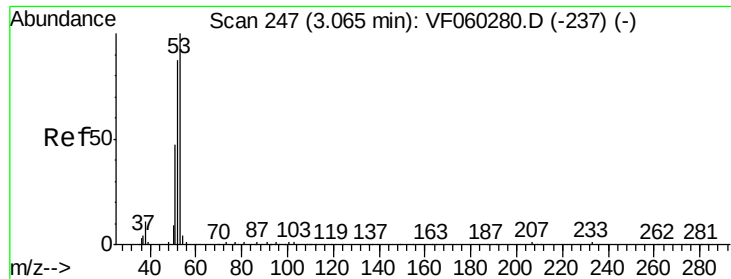
apatel
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#14
Allyl chloride
Concen: 25.068 ug/l
RT: 2.18 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	41	Resp	105352
Ion Ratio	100	Lower	Upper
39	131.7	84.8	127.2#
76	31.7	27.4	41.2





#15

Acrylonitrile

Concen: 110.927 ug/l

RT: 3.06 min Scan# 246

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

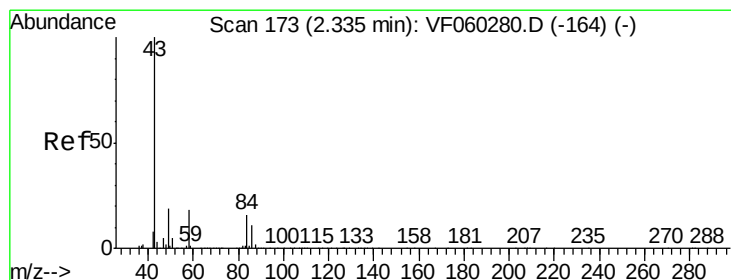
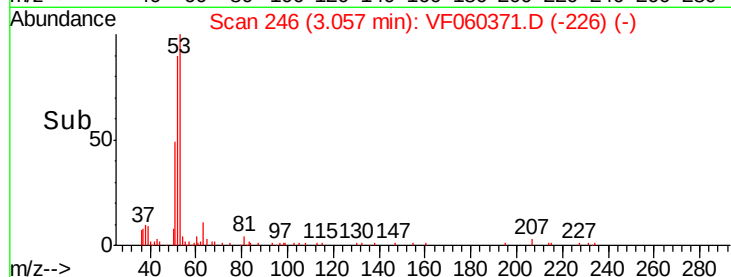
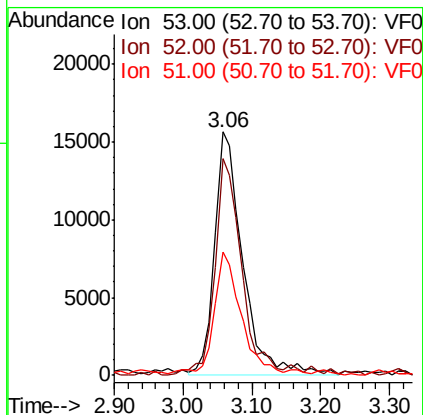
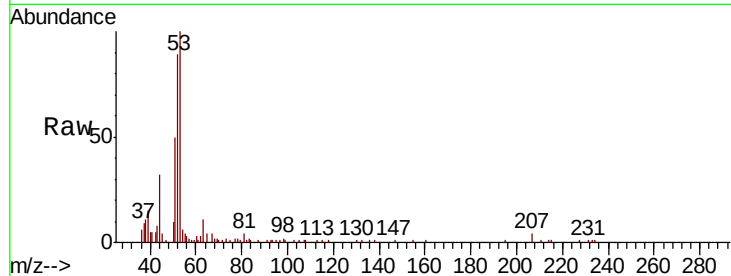
ClientSampleId :

VF0928SBS01

Tot Ion:	53	Resp:	44644
Ion	Ratio	Lower	Upper
53	100		
52	89.1	69.5	104.3
51	50.4	38.1	57.1

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#16

Acetone

Concen: 130.856 ug/l

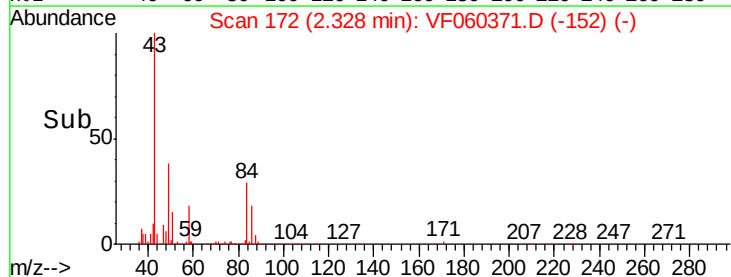
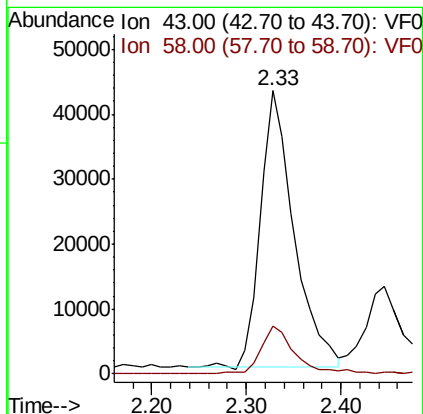
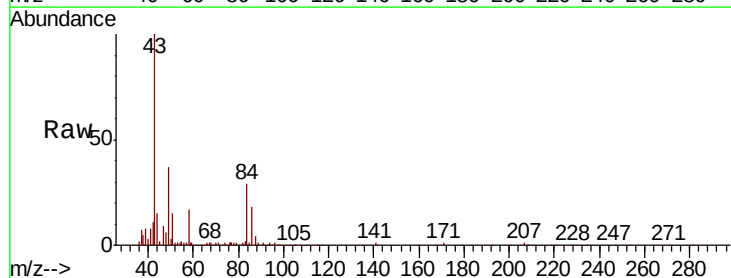
RT: 2.33 min Scan# 172

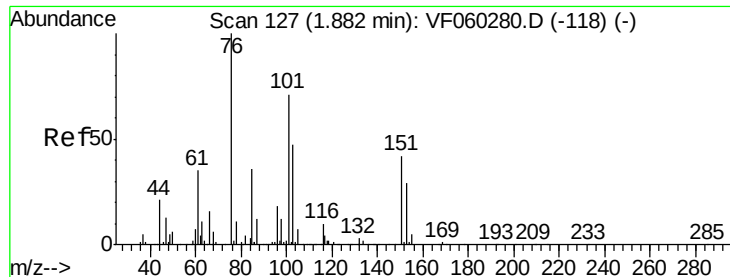
Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion:	43	Resp:	105014
Ion	Ratio	Lower	Upper
43	100		
58	17.1	14.5	21.7





#17

Carbon Disulfide

Concen: 27.318 ug/l

RT: 1.88 min Scan# 127

Delta R.T. 0.00 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VF0928SBSD01

Tot Ion: 76 Resp: 184238

Ion Ratio Lower Upper

76 100

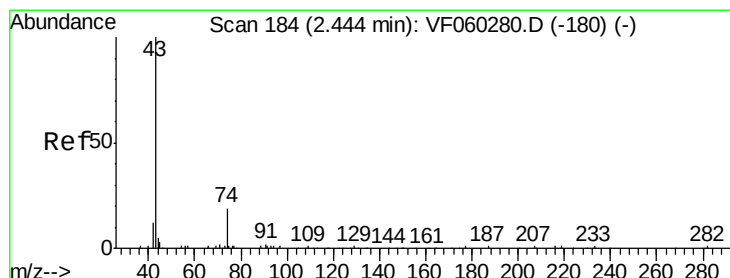
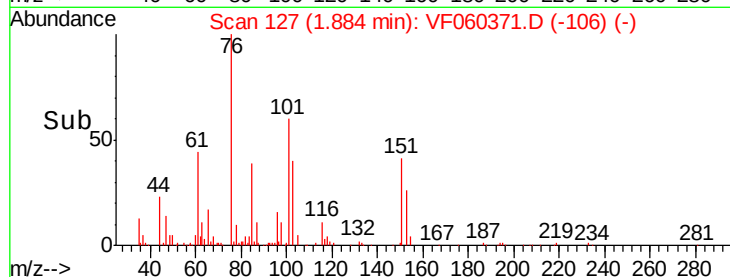
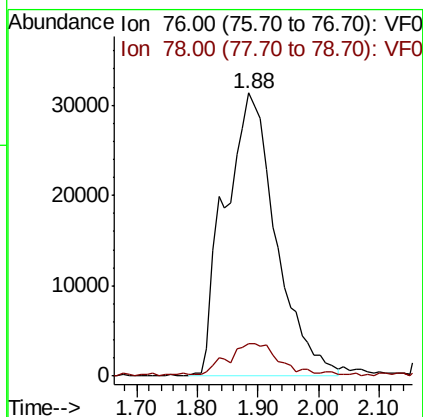
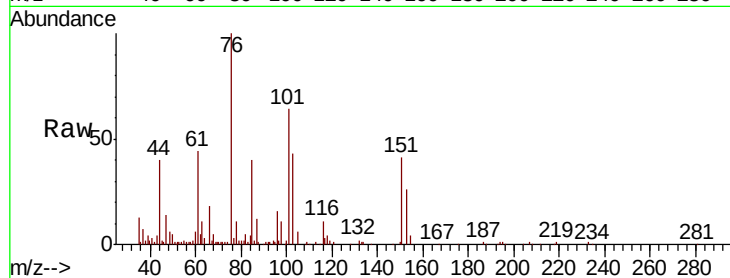
78 11.3 9.4 14.0

Manual Integrations

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#18

Methyl Acetate

Concen: 21.650 ug/l

RT: 2.45 min Scan# 184

Delta R.T. 0.00 min

Lab File: VF060371.D

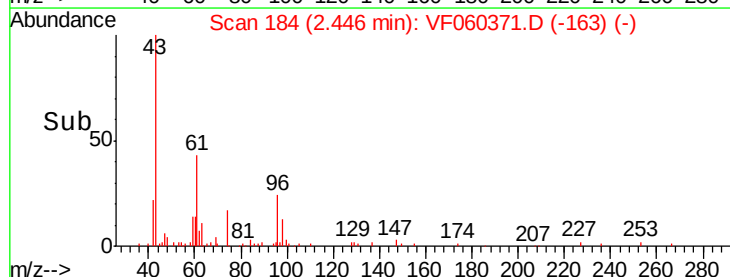
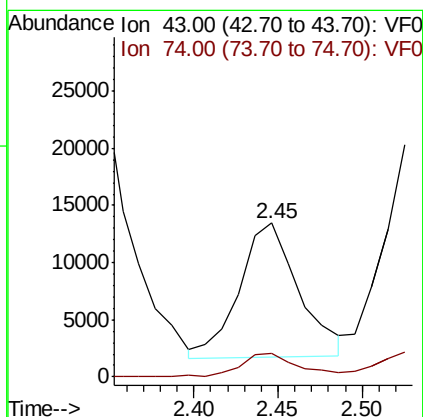
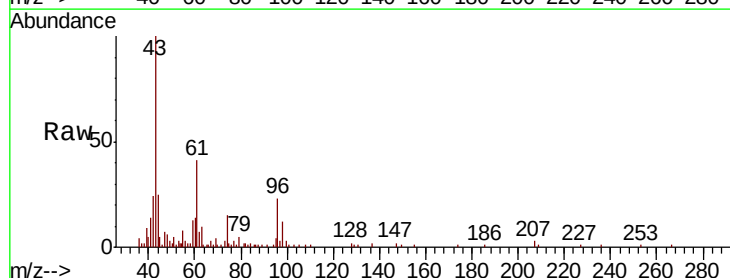
Acq: 28 Sep 2018 17:07

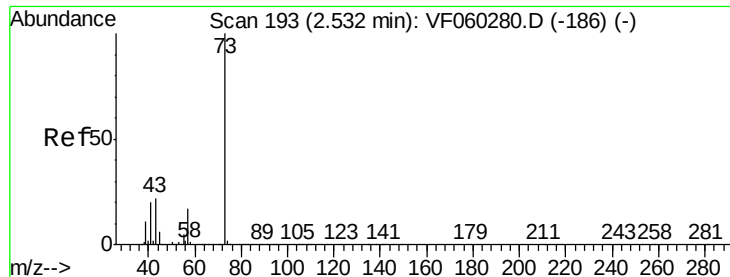
Tgt Ion: 43 Resp: 28945

Ion Ratio Lower Upper

43 100

74 15.5 12.7 19.1





#19

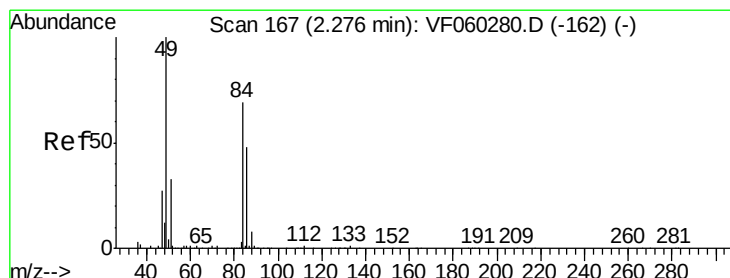
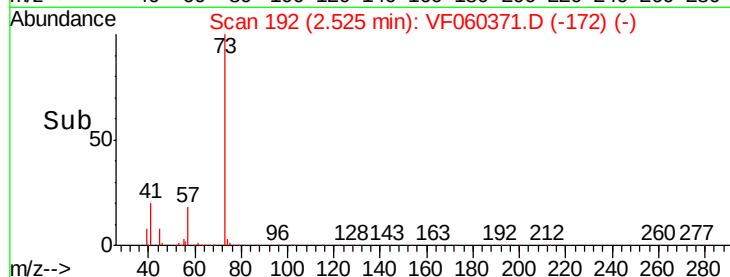
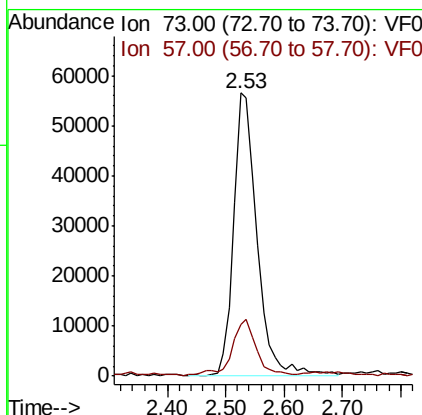
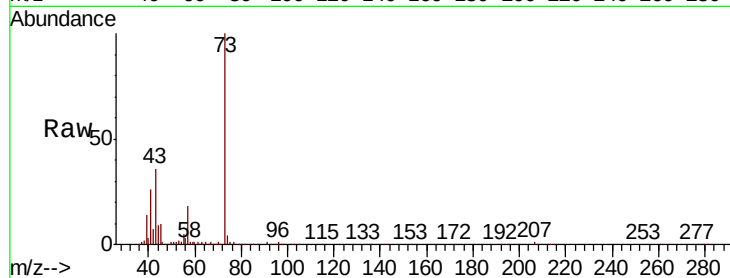
Methyl tert-butyl Ether
 Concen: 26.476 ug/l
 RT: 2.53 min Scan# 192
 Delta R.T. -0.01 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0928SBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.5	14.5	21.7

Manual Integrations
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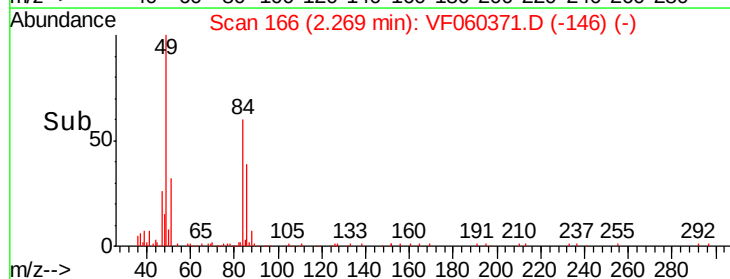
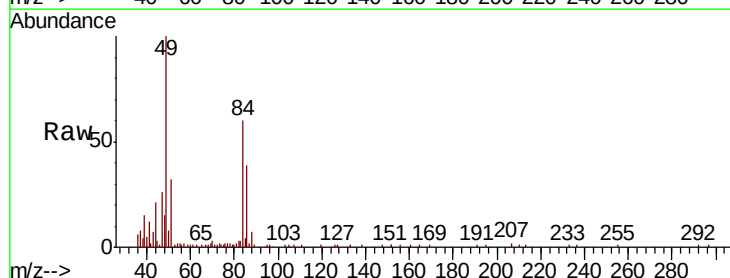
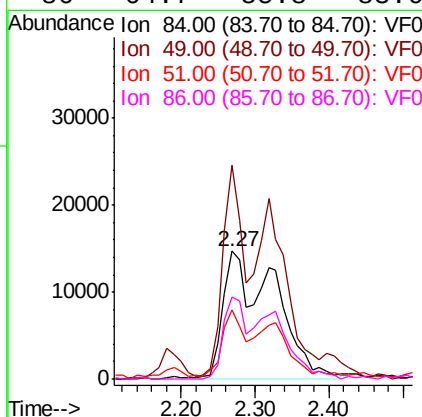
apatel
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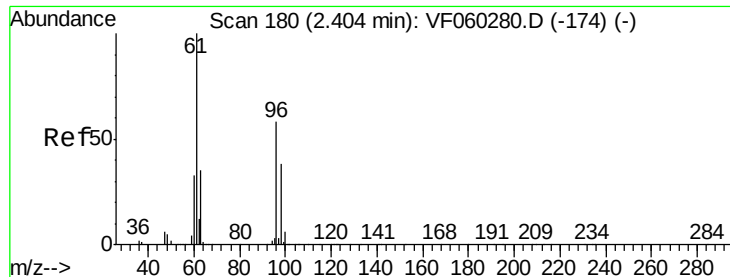


#20

Methylene Chloride
 Concen: 29.860 ug/l m
 RT: 2.27 min Scan# 166
 Delta R.T. -0.01 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
84	100		
49	167.6	118.3	177.5
51	54.3	38.7	58.1
86	64.7	55.8	83.6





#21

trans-1,2-Dichloroethene

Concen: 25.875 ug/l

RT: 2.41 min Scan# 180

Delta R.T. 0.00 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

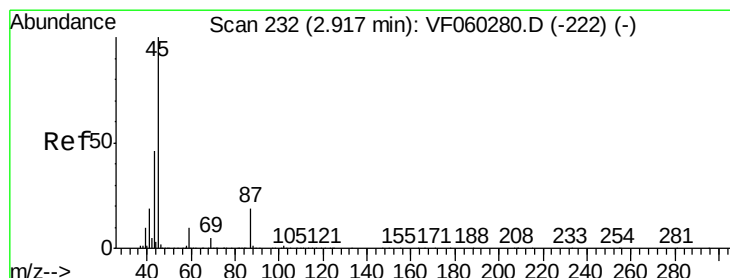
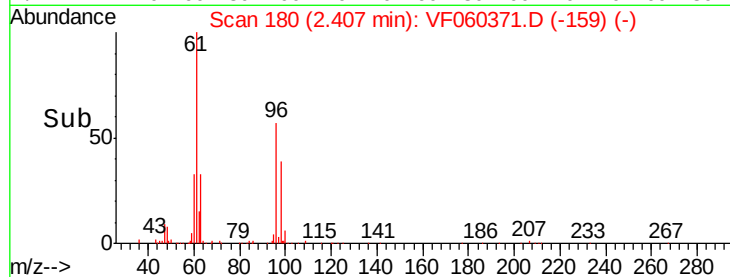
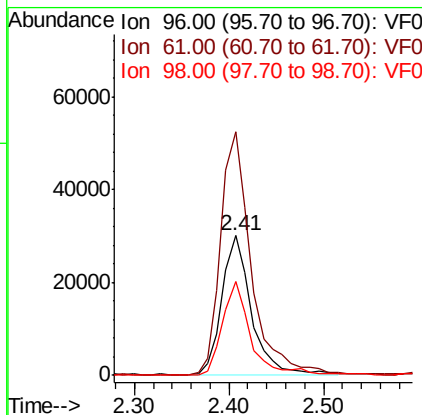
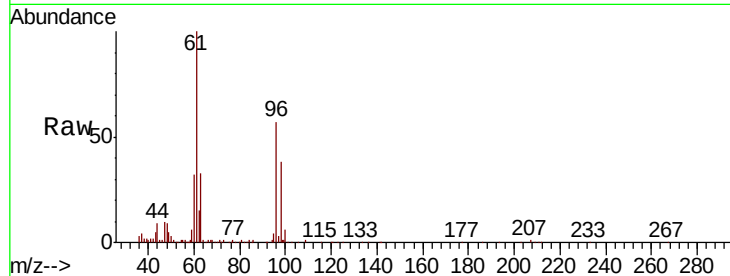
ClientSampleId :

VF0928SBS01

Tot Ion:	96	Resp:	64360
Ion	Ratio	Lower	Upper
96	100		
61	174.8	136.4	204.6
98	68.4	51.8	77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 23.000 ug/l

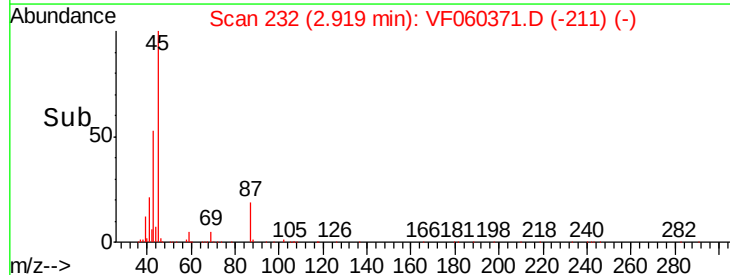
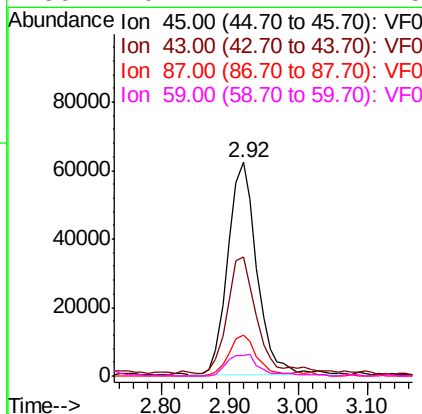
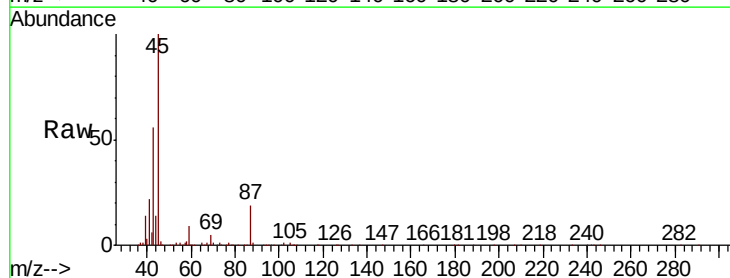
RT: 2.92 min Scan# 232

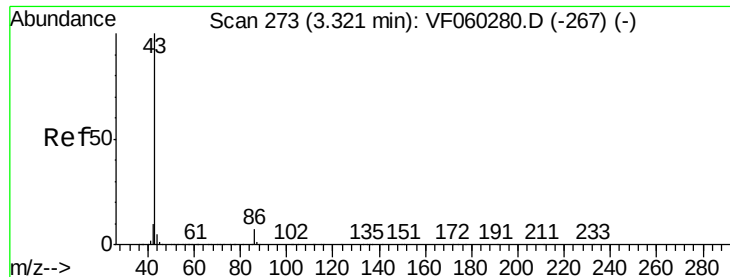
Delta R.T. 0.00 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion:	45	Resp:	182372
Ion	Ratio	Lower	Upper
45	100		
43	55.7	38.2	57.2
87	19.0	15.5	23.3
59	9.4	7.7	11.5





#23

Vinyl Acetate

Concen: 116.045 ug/l

RT: 3.32 min Scan# 273

Delta R.T. 0.00 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VF0928SBS01

Tot Ion: 43 Resp: 361387

Ion Ratio Lower Upper

43 100

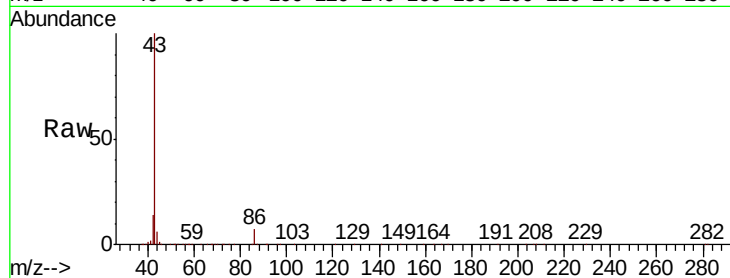
86 6.7 5.9 8.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.32

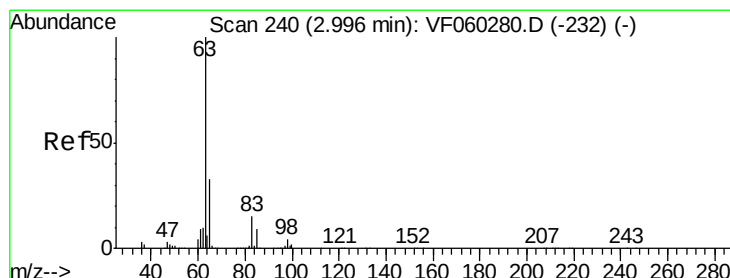
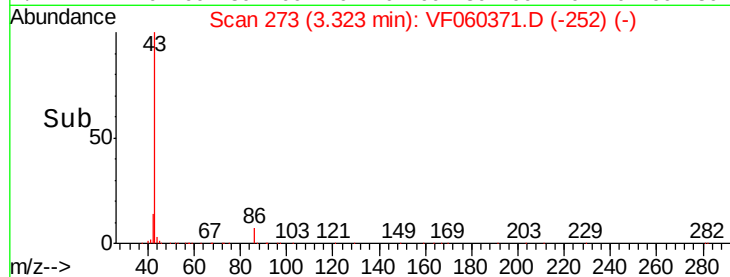
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 24.248 ug/l

RT: 2.99 min Scan# 239

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

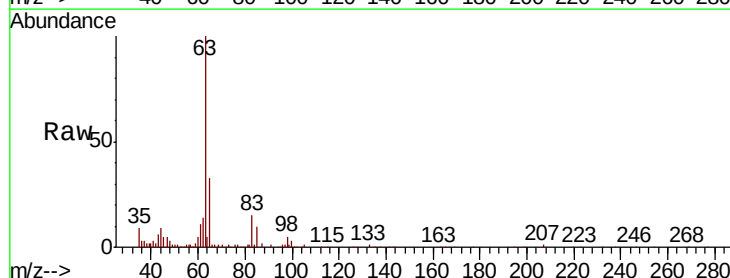
Tgt Ion: 63 Resp: 124691

Ion Ratio Lower Upper

63 100

98 5.2 2.1 6.5

100 2.5 1.1 3.3



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

2.99

60000

50000

40000

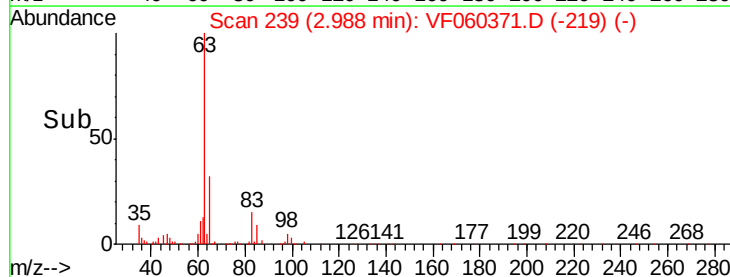
30000

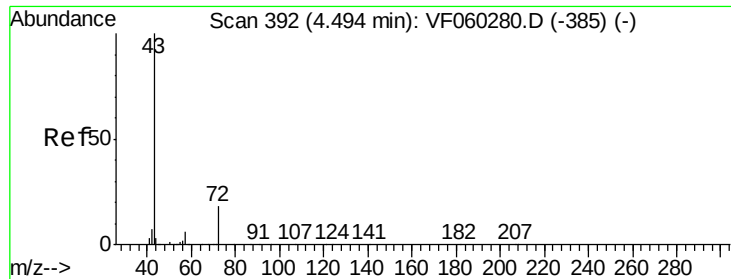
20000

10000

0

Time-->





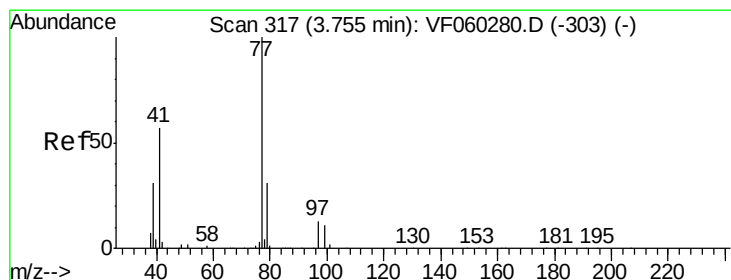
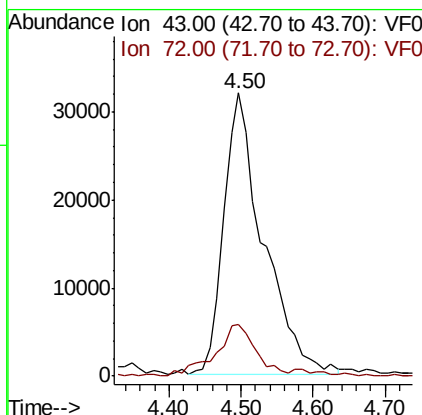
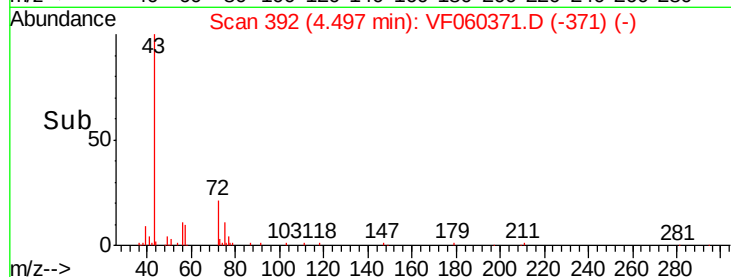
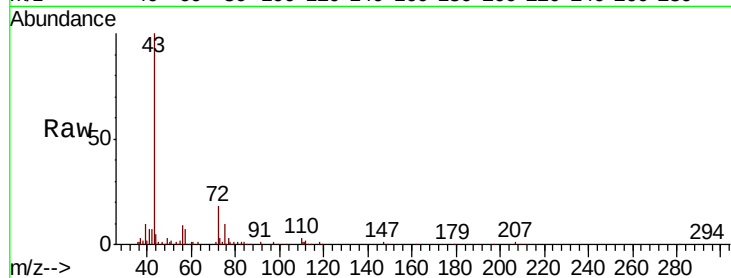
#25
2-Butanone
Concen: 112.651 ug/l
RT: 4.50 min Scan# 392
Delta R.T. 0.00 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBSD01

Tot Ion: 43 Resp: 121684
Ion Ratio Lower Upper
43 100
72 18.5 16.2 24.2

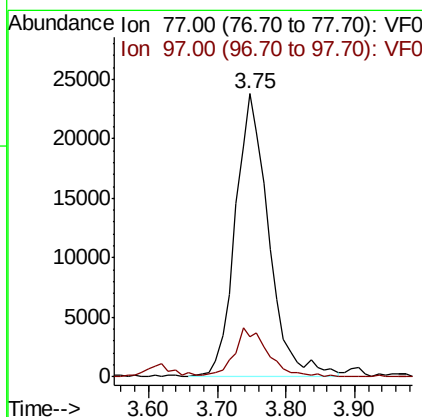
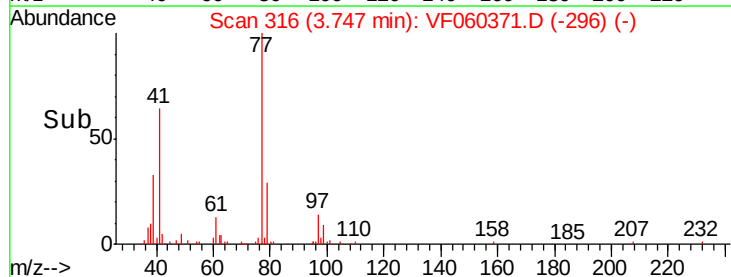
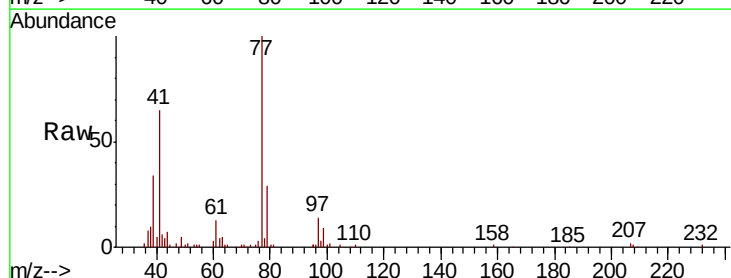
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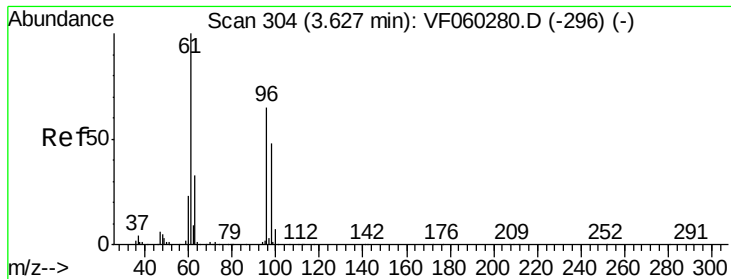
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#26
2,2-Dichloropropane
Concen: 27.292 ug/l
RT: 3.75 min Scan# 316
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion: 77 Resp: 80079
Ion Ratio Lower Upper
77 100
97 14.3 9.3 27.9





#27

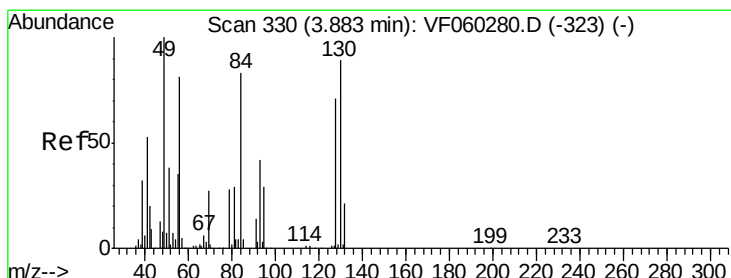
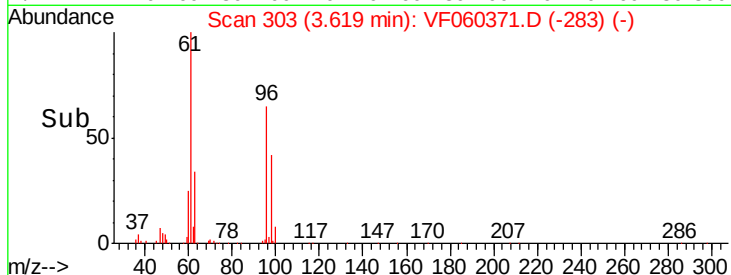
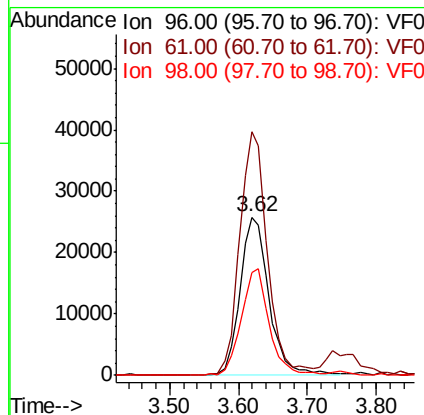
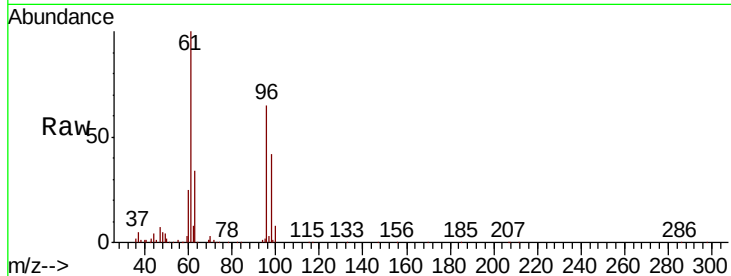
cis-1,2-Dichloroethene
Concen: 22.970 ug/l
RT: 3.62 min Scan# 303
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	75060		
61	154.1		0.0	304.8
98	64.9		0.0	146.4

Manual Integrations
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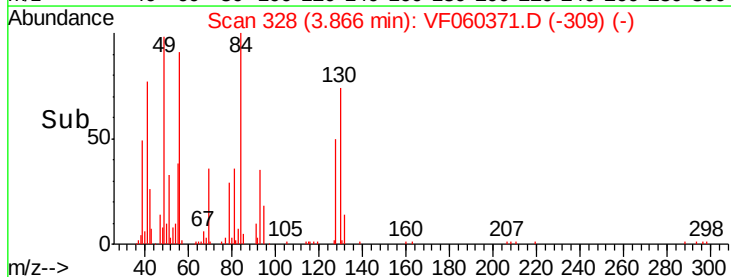
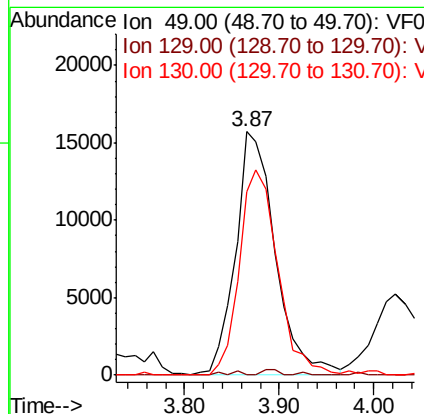
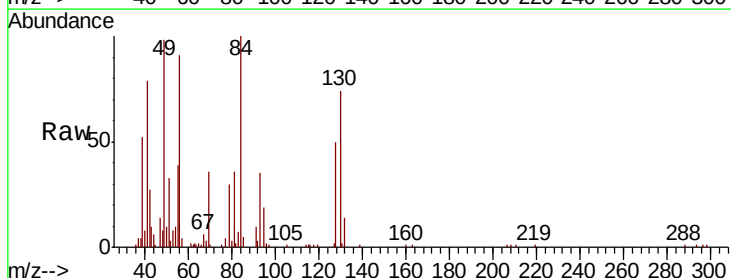
apatel
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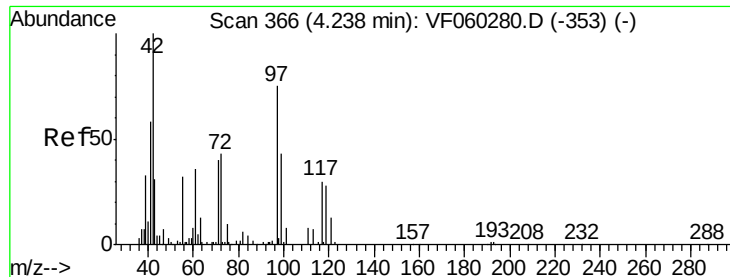


#28

Bromochloromethane
Concen: 22.924 ug/l
RT: 3.87 min Scan# 328
Delta R.T. -0.02 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	45896		
129	0.0		0.0	4.2
130	75.5		70.3	105.5





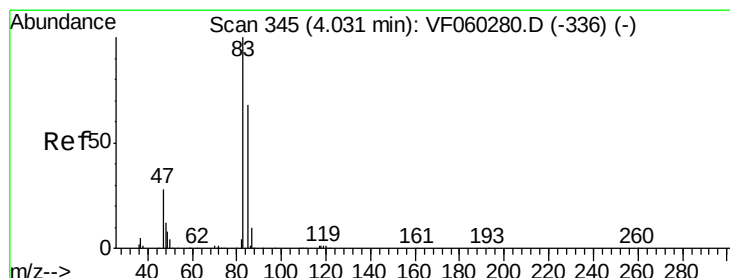
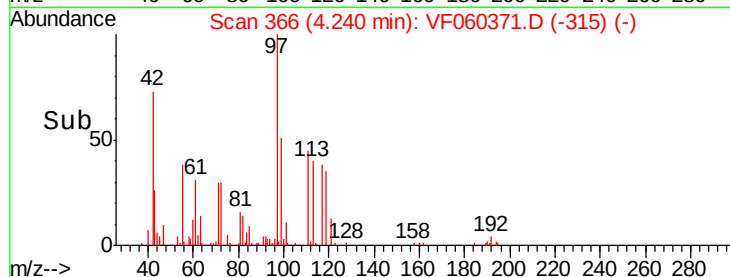
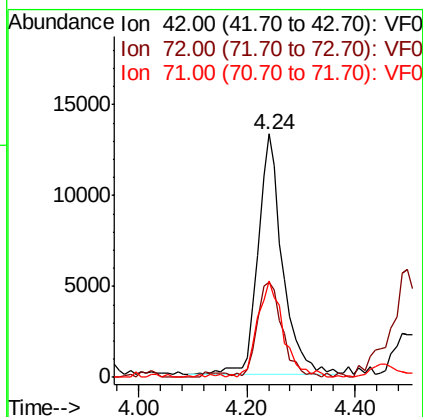
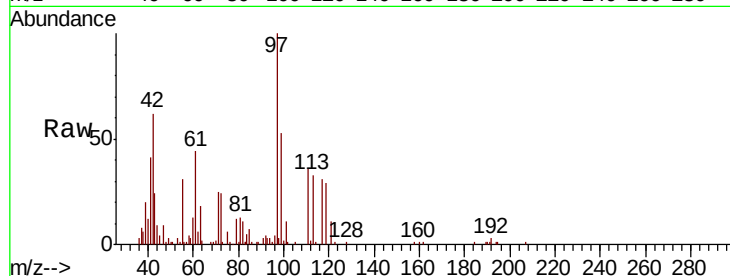
#29
Tetrahydrofuran
Concen: 104.675 ug/l
RT: 4.24 min Scan# 366
Delta R.T. 0.00 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.6	49.0
71	42.6	32.7	49.1

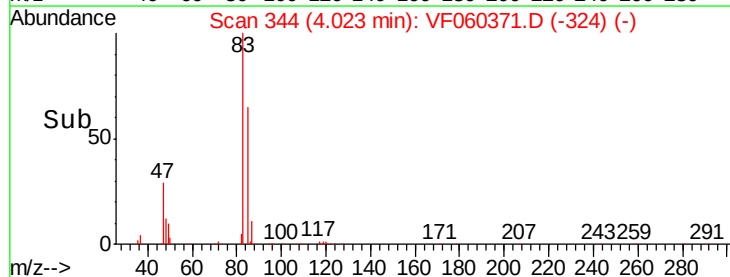
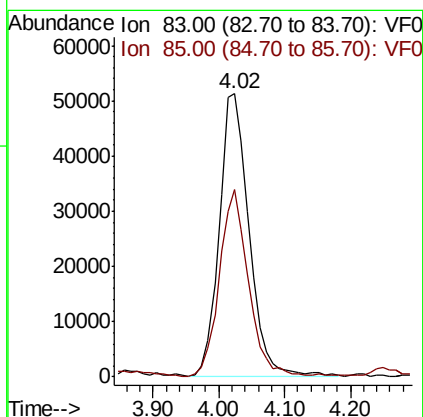
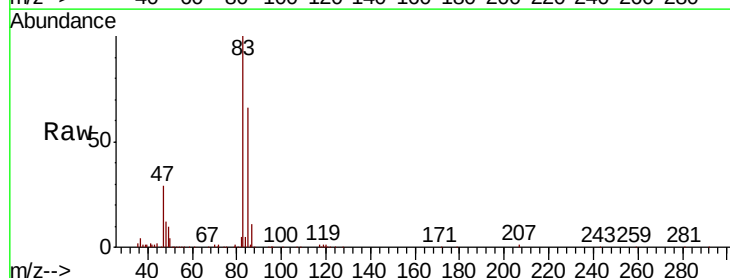
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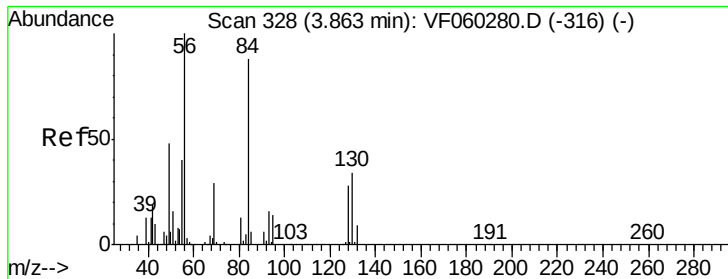
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#30
Chloroform
Concen: 25.913 ug/l
RT: 4.02 min Scan# 344
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	54.9	82.3





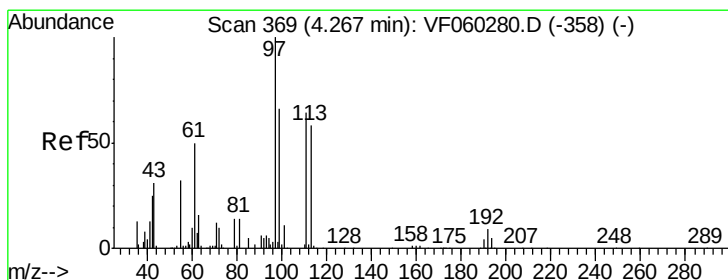
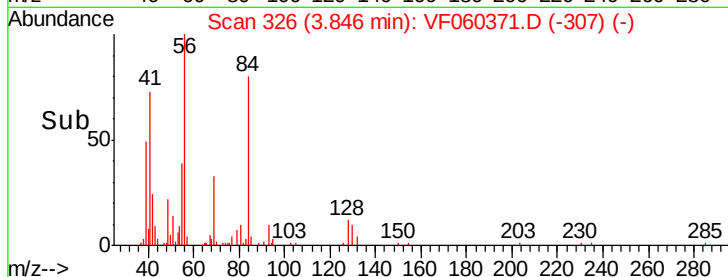
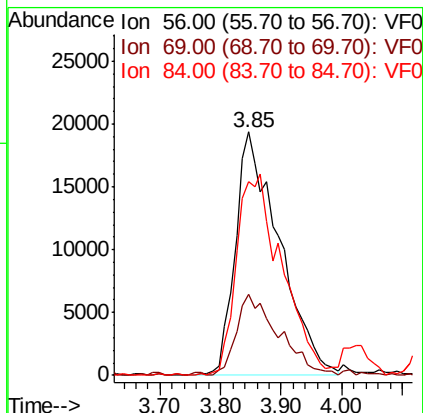
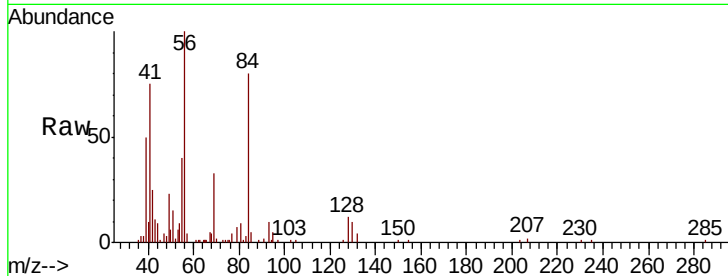
#31
Cyclohexane
Concen: 22.508 ug/l
RT: 3.85 min Scan# 326
Delta R.T. -0.02 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	23.8	35.6
84	79.8	70.2	105.4

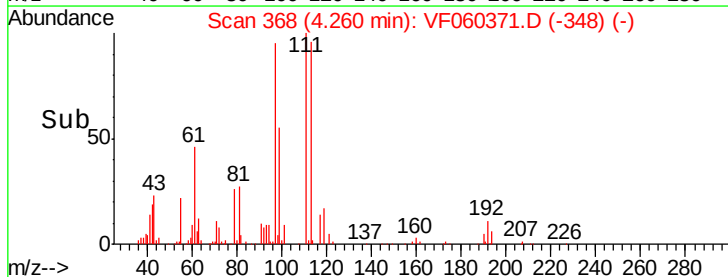
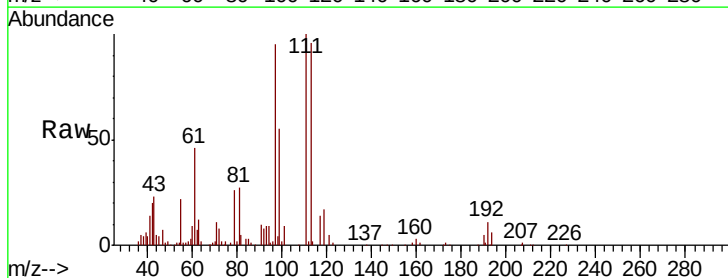
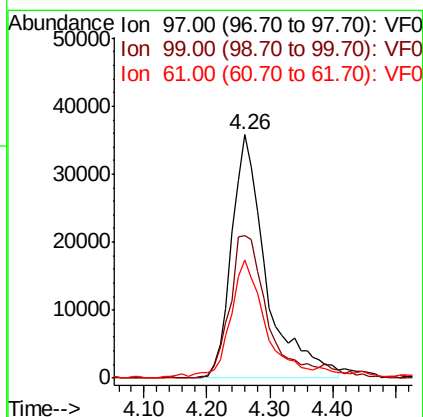
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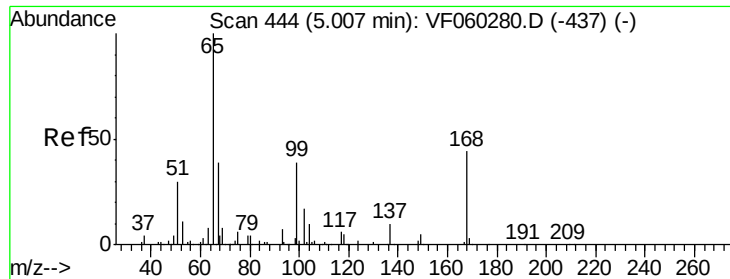
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#32
1,1,1-Trichloroethane
Concen: 27.802 ug/l
RT: 4.26 min Scan# 368
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	58.4	53.0	79.4
61	48.8	40.6	61.0





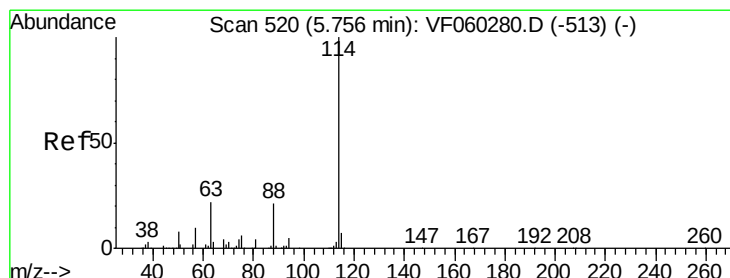
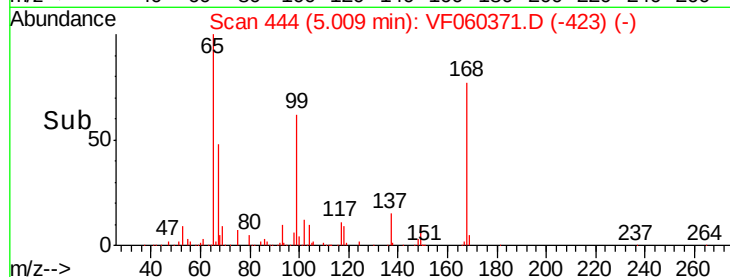
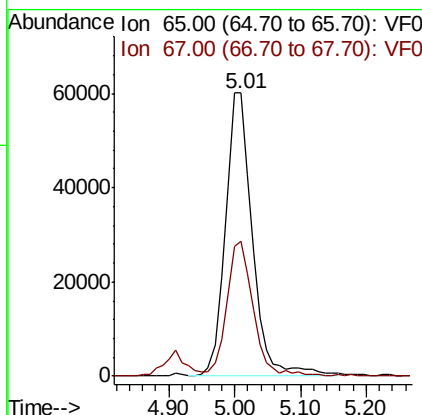
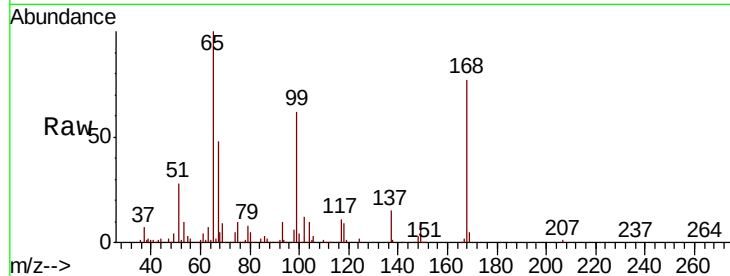
#33
 1,2-Dichloroethane-d4
 Concen: 60.217 ug/l
 RT: 5.01 min Scan# 444
 Delta R.T. 0.00 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	171595		
67	47.7	0.0	94.4	

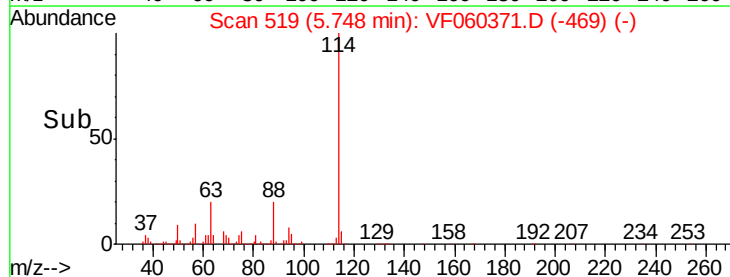
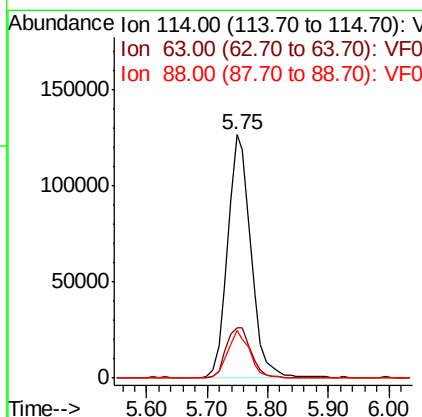
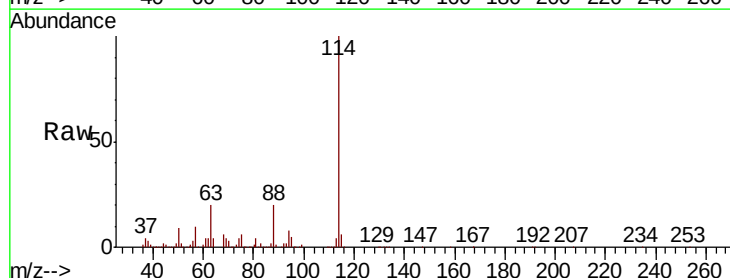
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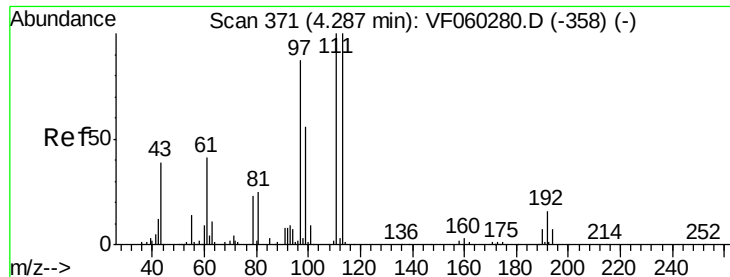
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	339823		
63	20.4	0.0	43.8	
88	19.7	0.0	41.2	





#35

Dibromofluoromethane

Concen: 55.968 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

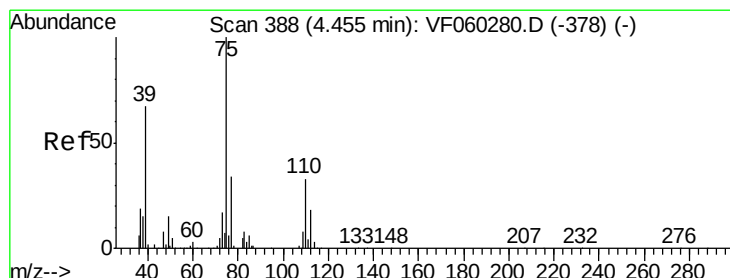
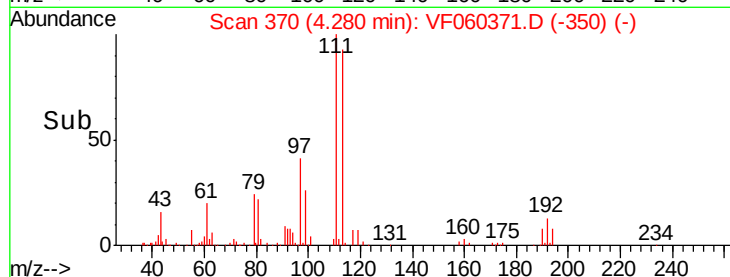
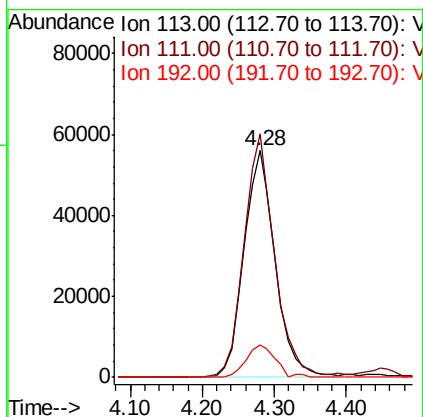
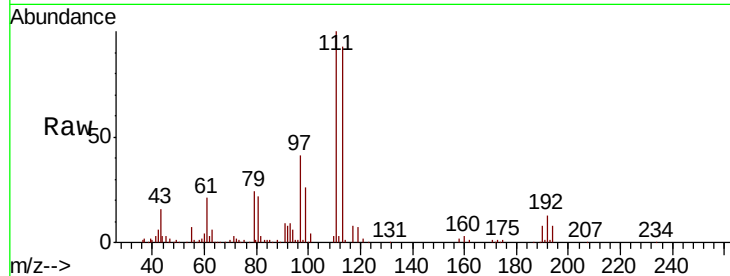
ClientSampleId :

VF0928SBS01

Tot Ion:	113	Resp:	169542
Ion Ratio	Lower	Upper	
113	100		
111	107.4	79.6	119.4
192	14.4	13.0	19.6

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#36

1,1-Dichloropropene

Concen: 26.927 ug/l

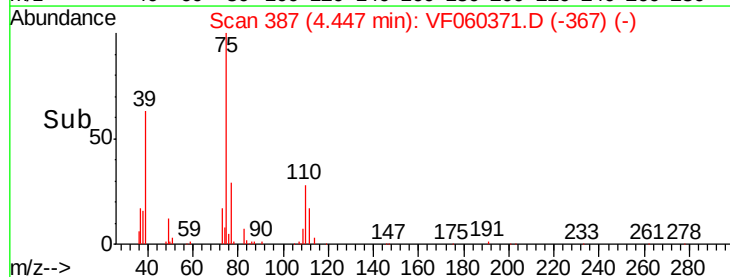
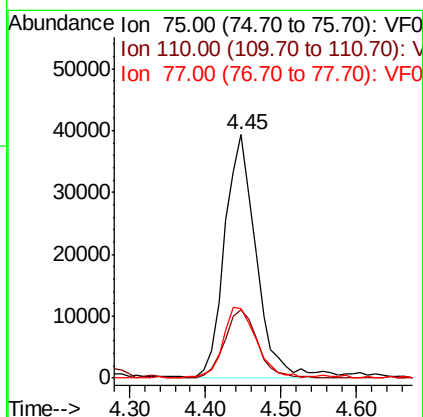
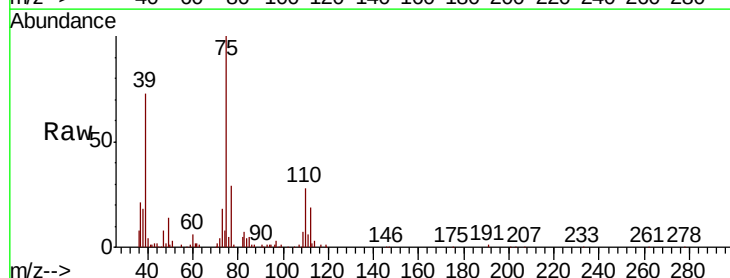
RT: 4.45 min Scan# 387

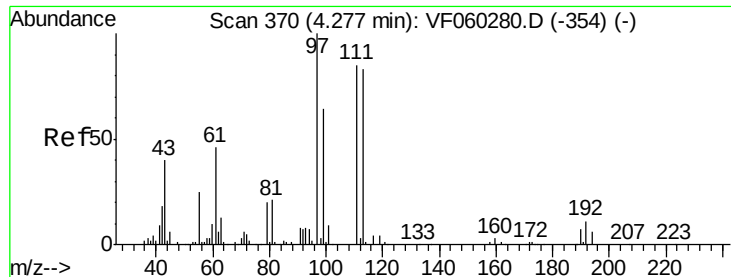
Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion:	75	Resp:	114140
Ion Ratio	Lower	Upper	
75	100		
110	28.2	16.4	49.2
77	28.7	27.3	40.9





#37

Ethyl Acetate

Concen: 24.480 ug/l

RT: 4.27 min Scan# 369

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

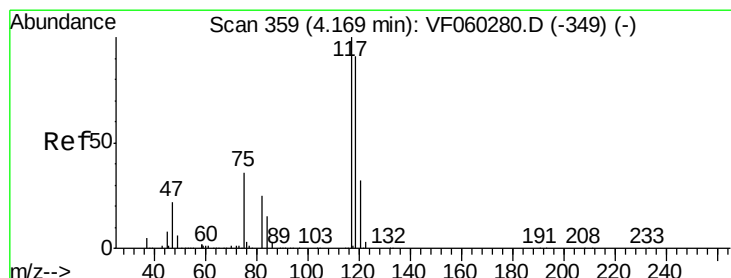
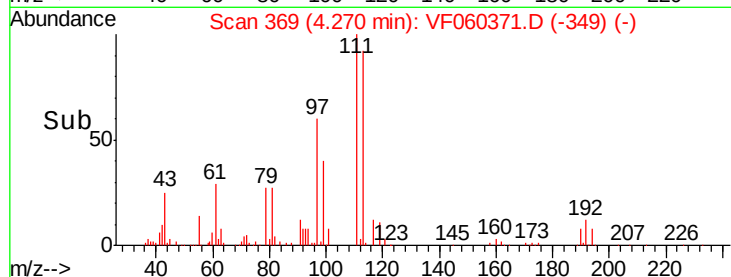
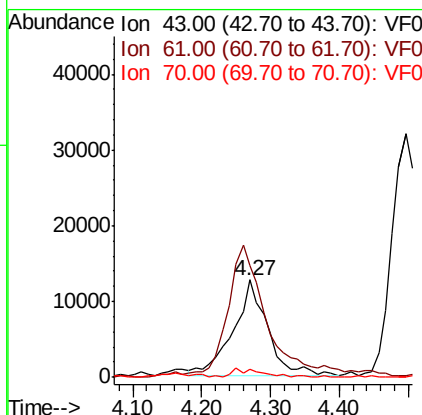
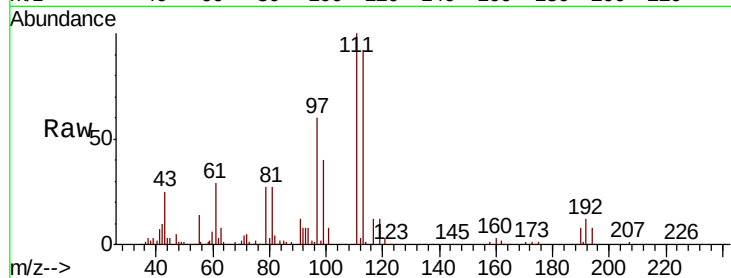
ClientSampleId :

VF0928SBSD01

Tot Ion:	43	Resp:	43906
Ion	Ratio	Lower	Upper
43	100		
61	114.4	91.1	136.7
70	8.5	6.9	10.3

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#38

Carbon Tetrachloride

Concen: 32.733 ug/l

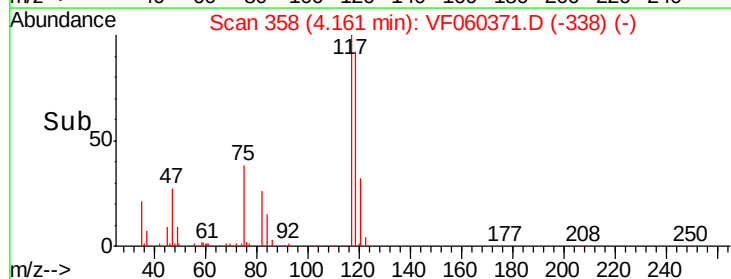
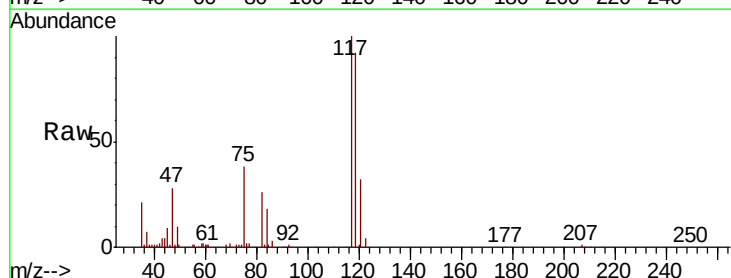
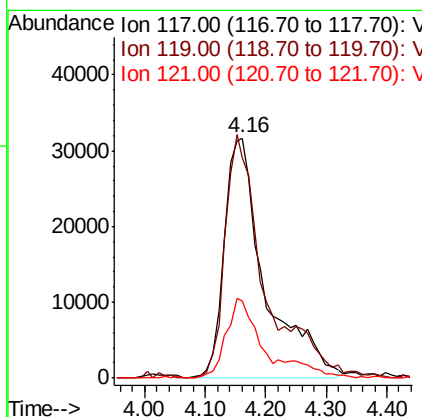
RT: 4.16 min Scan# 358

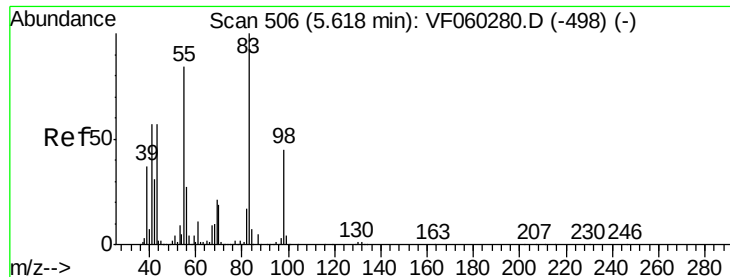
Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion:	117	Resp:	149033
Ion	Ratio	Lower	Upper
117	100		
119	92.1	73.0	109.6
121	32.4	25.4	38.2





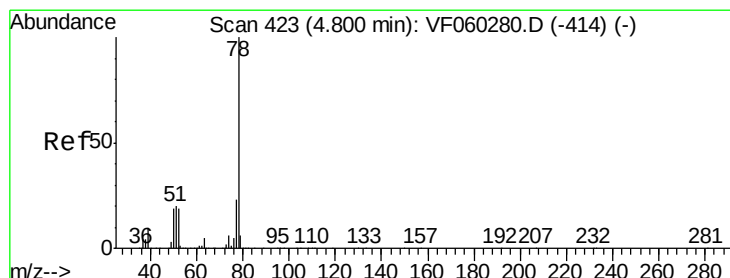
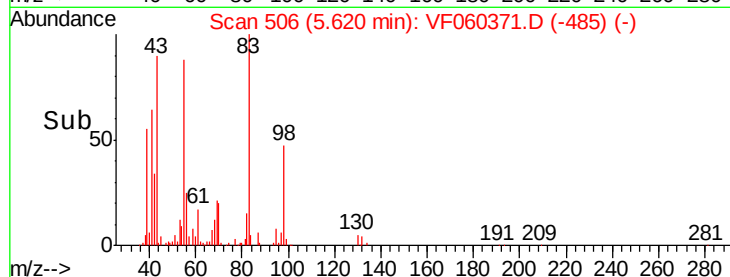
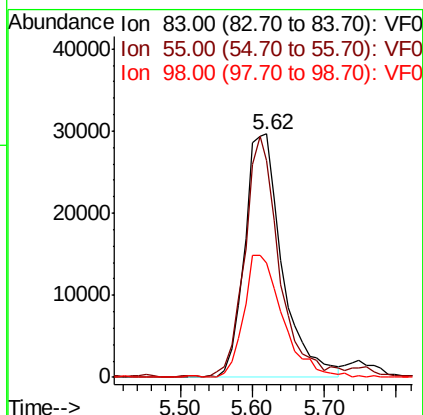
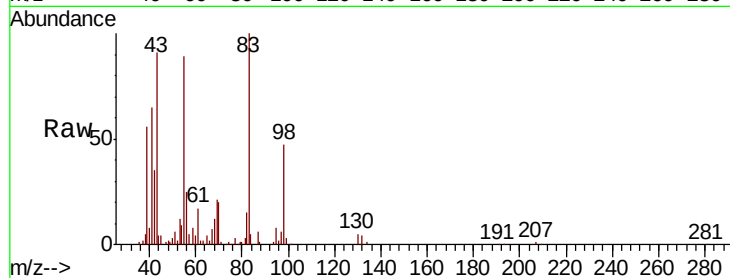
#39
Methylvlcyclohexane
Concen: 23.406 ug/l
RT: 5.62 min Scan# 506
Delta R.T. 0.00 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.8	67.3	100.9
98	46.9	36.1	54.1

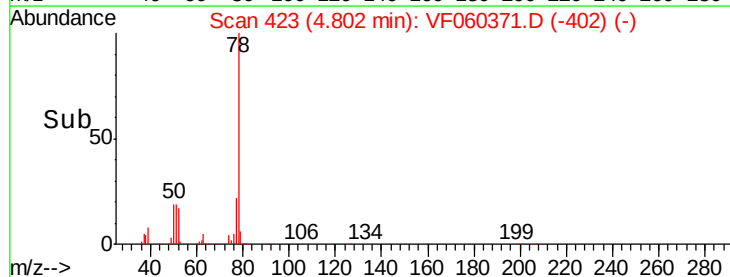
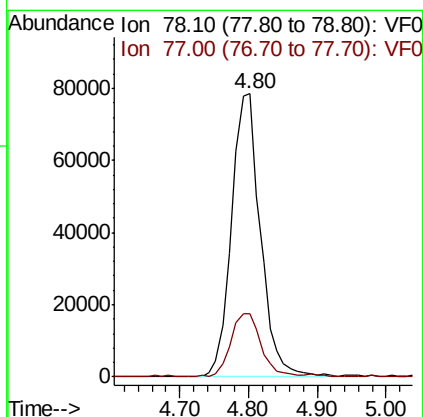
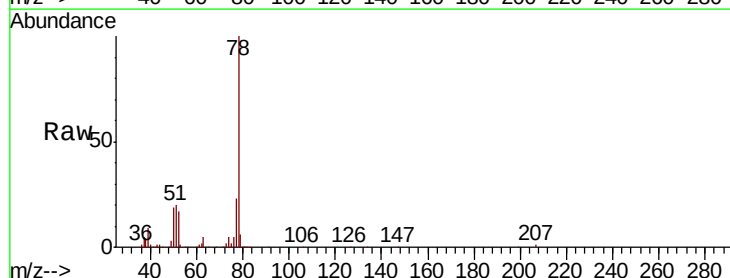
Manual Integrations
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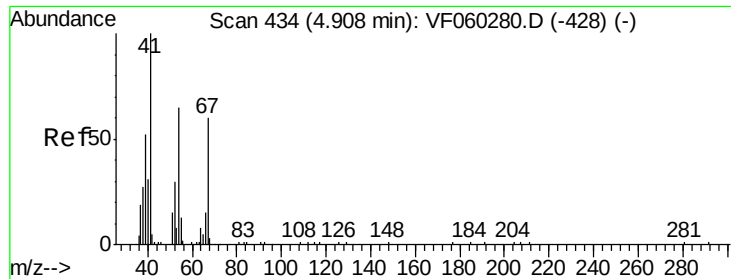
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#40
Benzene
Concen: 23.841 ug/l
RT: 4.80 min Scan# 423
Delta R.T. 0.00 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.4	27.6





#41

Methacrylonitrile

Concen: 22.714 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

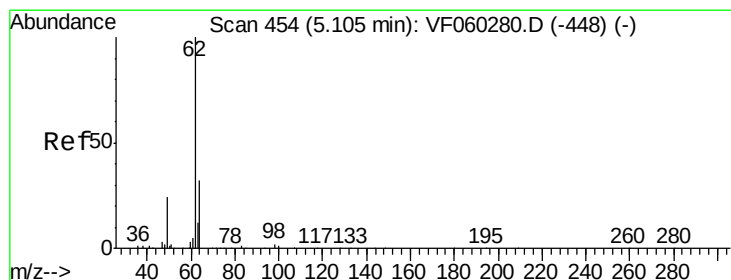
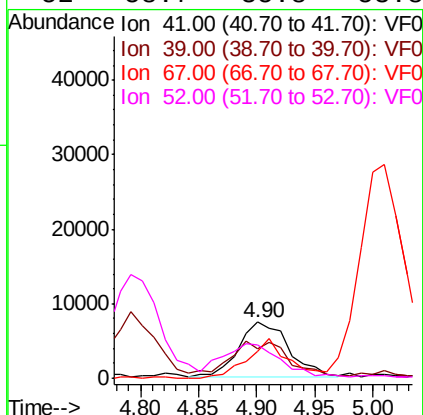
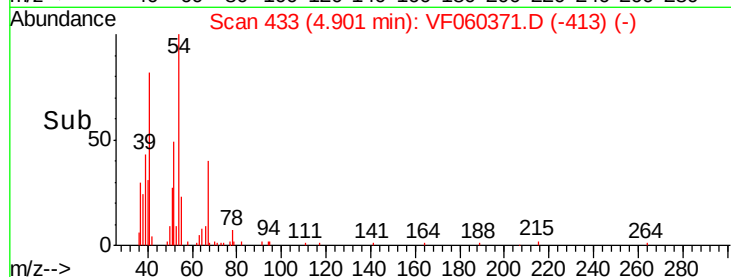
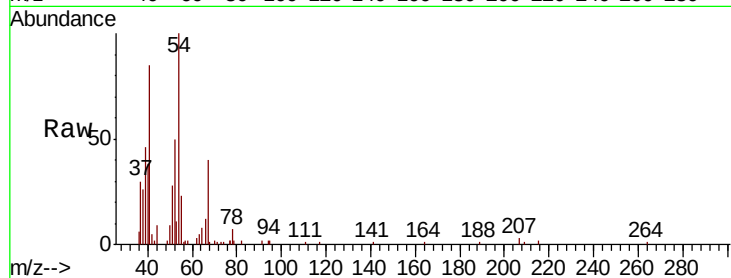
ClientSampleId :

VF0928SBS01

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Tot Ion	Ratio	Lower	Upper
41	100		
39	54.0	49.1	73.7
67	47.2	48.2	72.4
52	58.7	35.8	53.8



#42

1,2-Dichloroethane

Concen: 29.147 ug/l

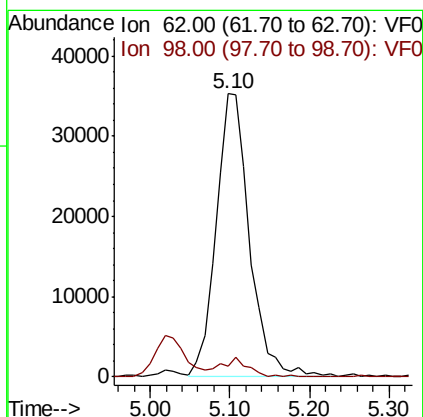
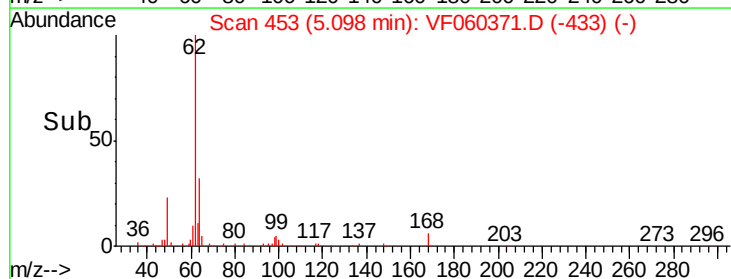
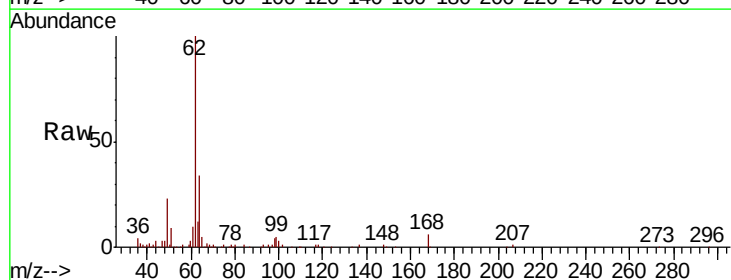
RT: 5.10 min Scan# 453

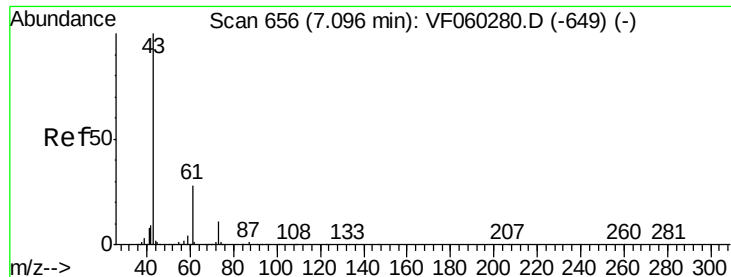
Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	3.7	0.0	14.4





#43

Isopropyl Acetate

Concen: 23.359 ug/l

RT: 7.10 min Scan# 656

Delta R.T. 0.00 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

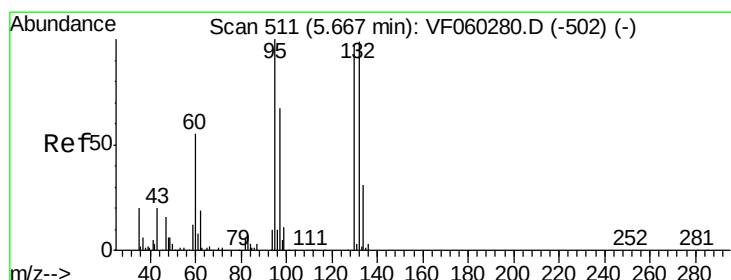
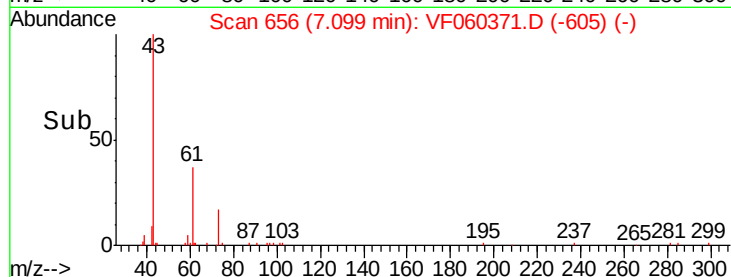
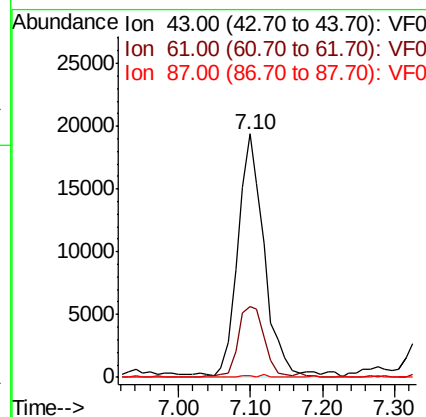
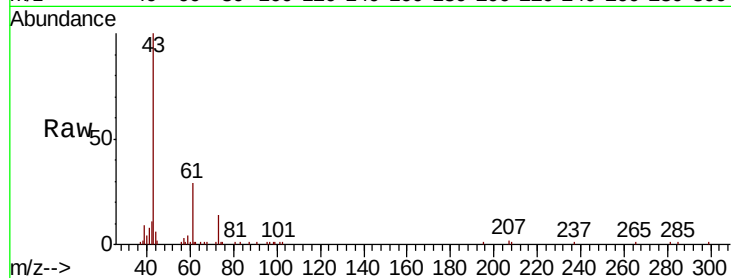
ClientSampleId :

VF0928SBSD01

Tot Ion:	43	Resp:	50437
Ion	Ratio	Lower	Upper
43	100		
61	29.1	22.4	33.6
87	0.9	0.6	0.8#

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#44

Trichloroethene

Concen: 24.190 ug/l

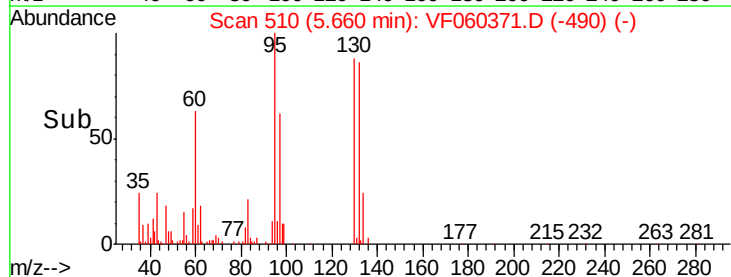
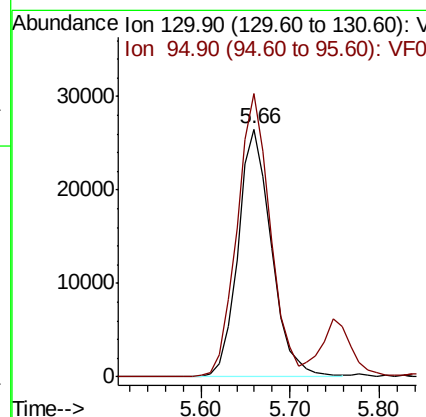
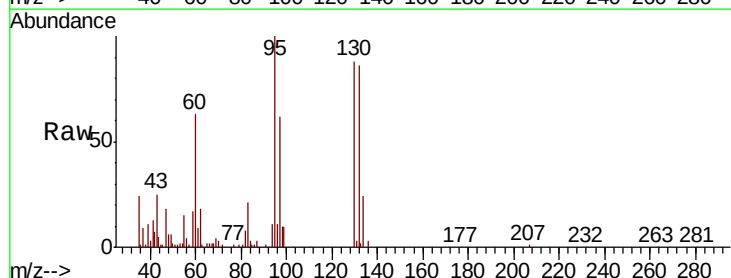
RT: 5.66 min Scan# 510

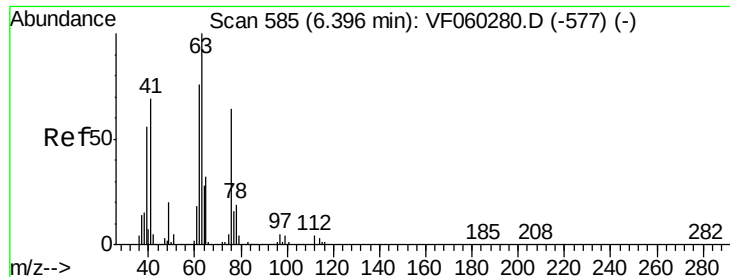
Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion:	130	Resp:	69193
Ion	Ratio	Lower	Upper
130	100		
95	114.2	0.0	205.6





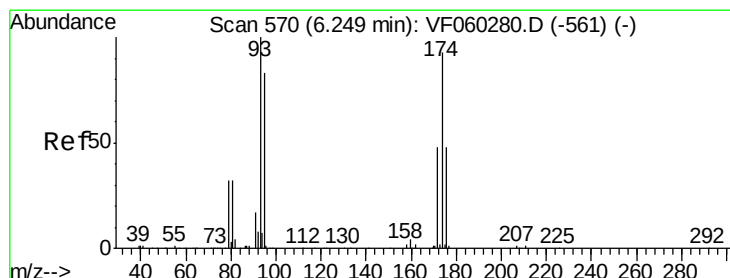
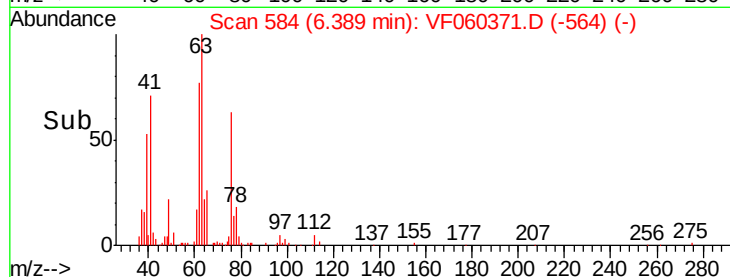
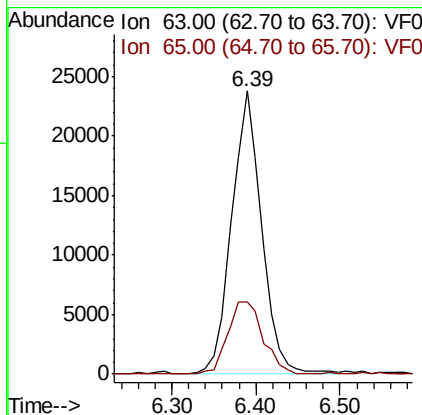
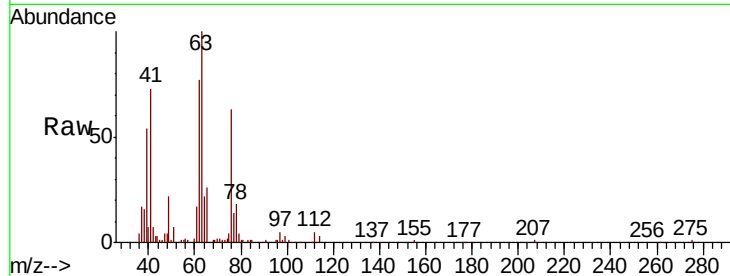
#45
 1,2-Dichloropropane
 Concen: 23.672 ug/l
 RT: 6.39 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0928SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	25.5	26.2	39.4#

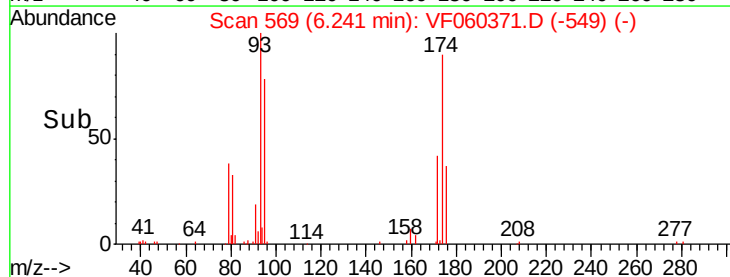
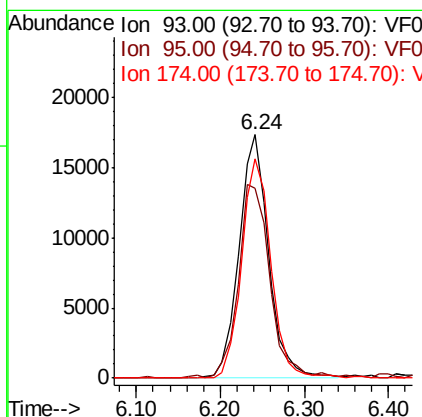
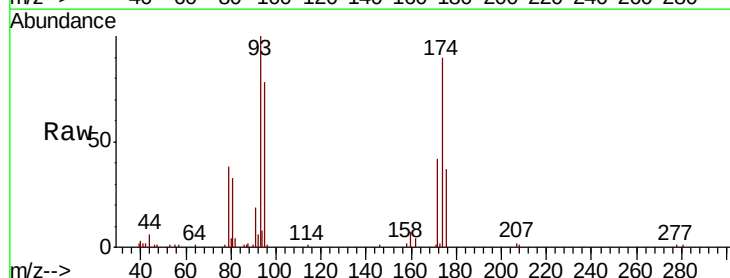
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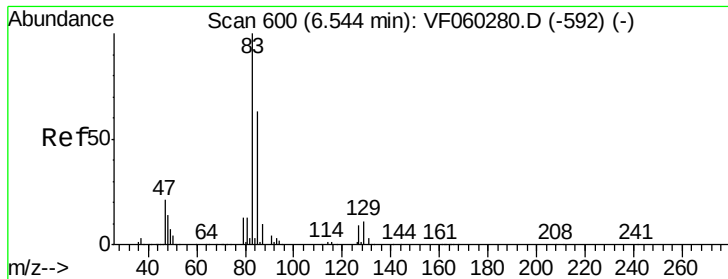
apatel
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#46
 Dibromomethane
 Concen: 23.973 ug/l
 RT: 6.24 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	78.0	67.0	100.6
174	90.1	74.8	112.2





#47

Bromodichloromethane

Concen: 25.586 ug/l

RT: 6.54 min Scan# 599

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

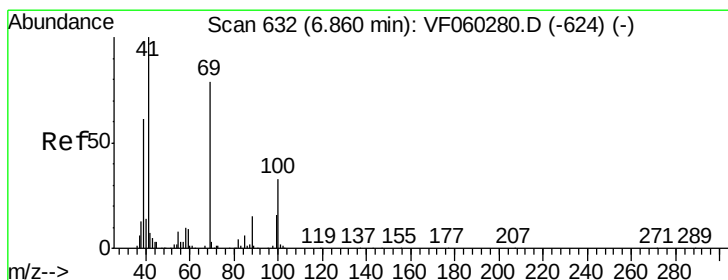
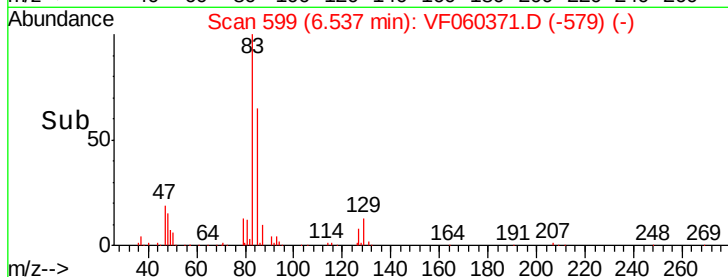
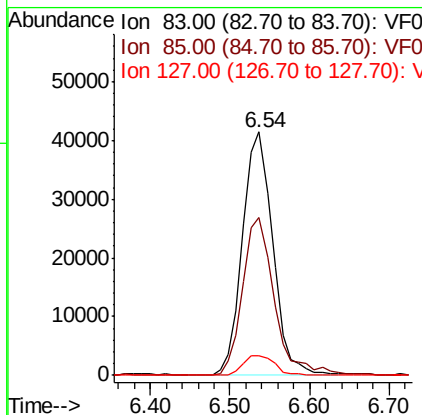
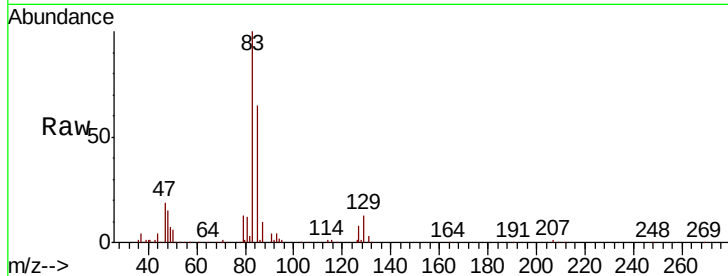
ClientSampleId :

VF0928SBSD01

Tot Ion:	83	Resp:	109327
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.6	76.0
127	8.1	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 23.088 ug/l

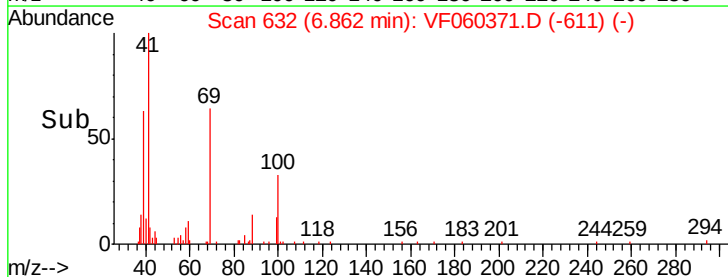
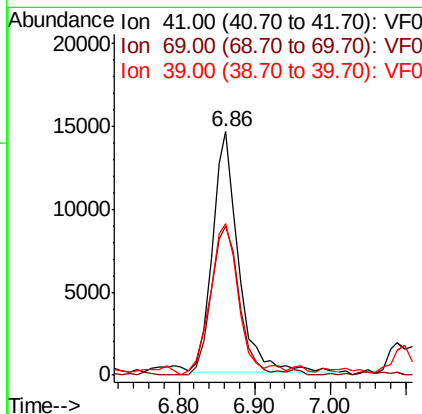
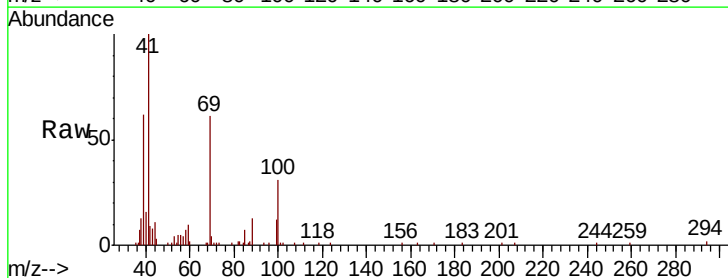
RT: 6.86 min Scan# 632

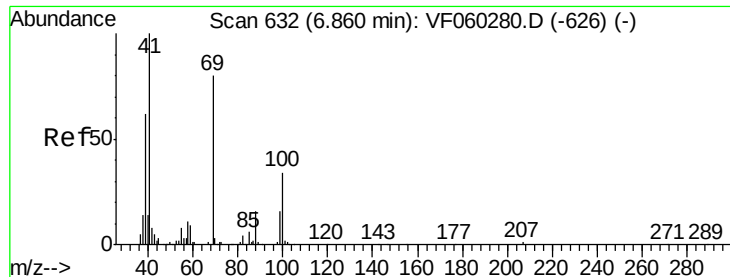
Delta R.T. 0.00 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion:	41	Resp:	34995
Ion Ratio	Lower	Upper	
41	100		
69	61.0	62.6	94.0#
39	62.1	49.1	73.7





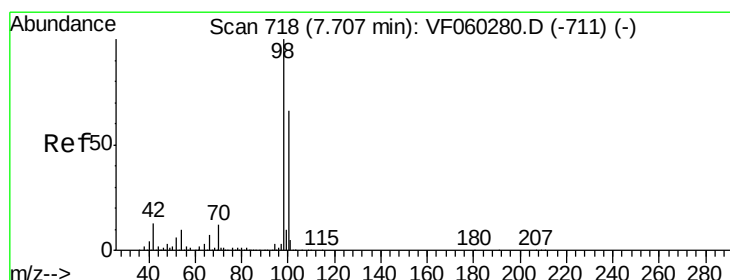
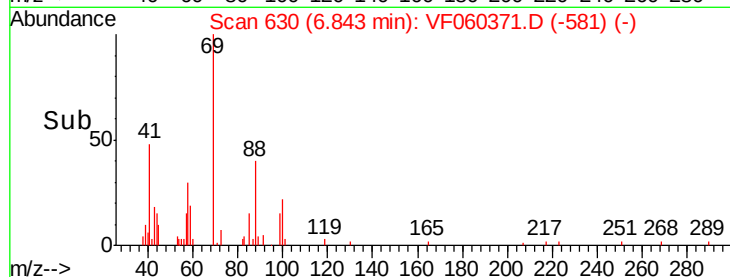
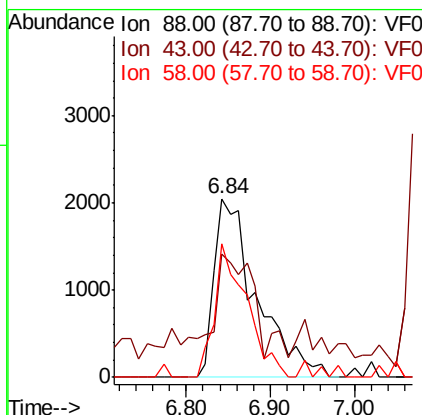
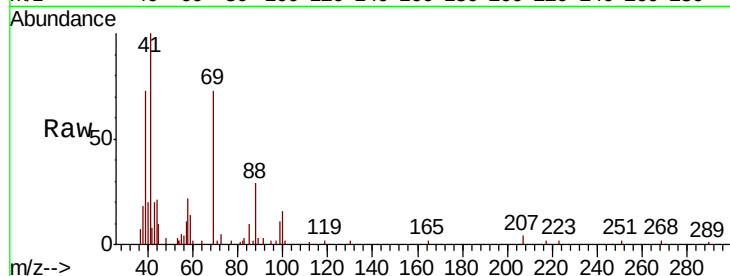
#49
1,4-Dioxane
Concen: 527.060 ug/l
RT: 6.84 min Scan# 630
Delta R.T. -0.02 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	68.8	40.2	60.4#
58	75.1	56.7	85.1

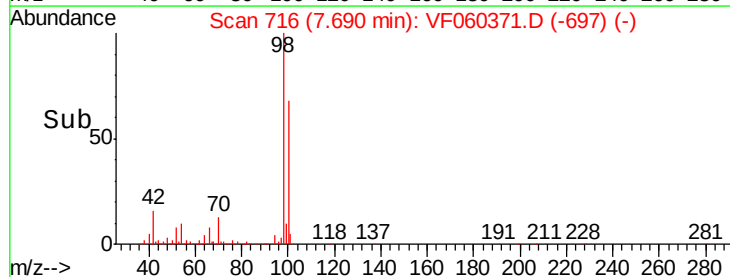
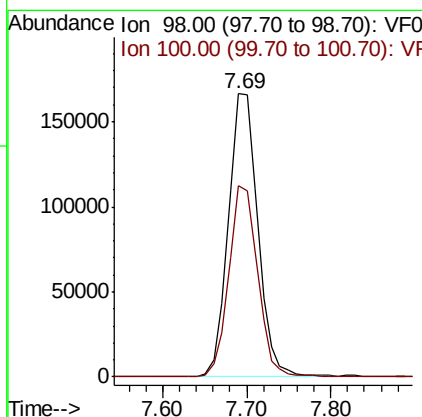
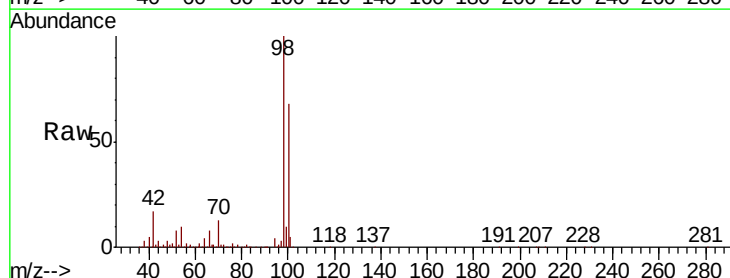
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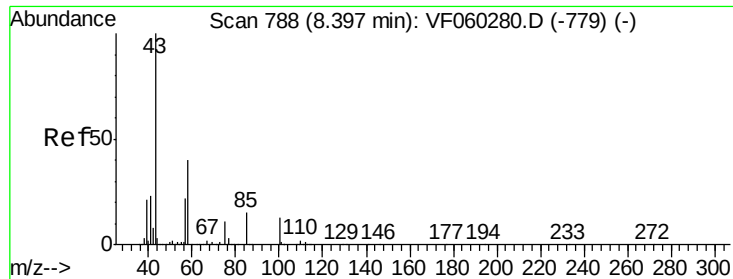
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#50
Toluene-d8
Concen: 51.625 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.02 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 111.980 ug/l

RT: 8.39 min Scan# 787

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VF0928SBS01

Tot Ion: 43 Resp: 186356

Ion Ratio Lower Upper

43 100

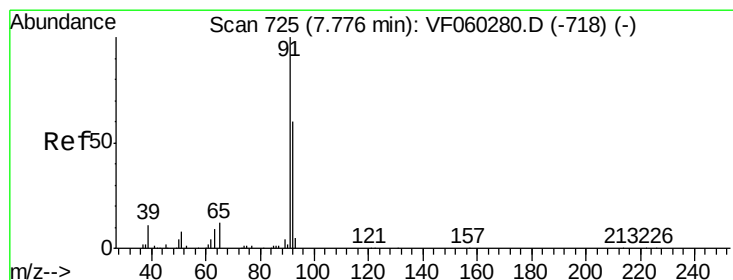
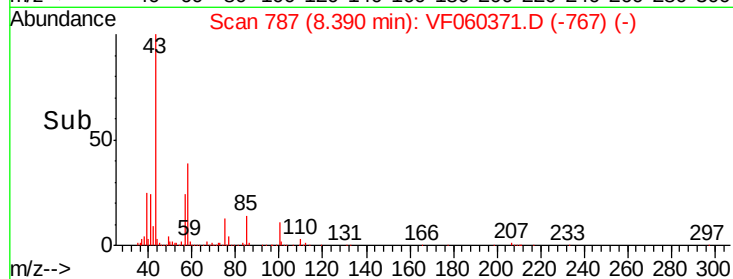
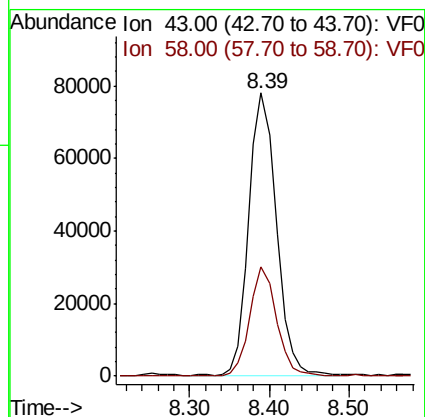
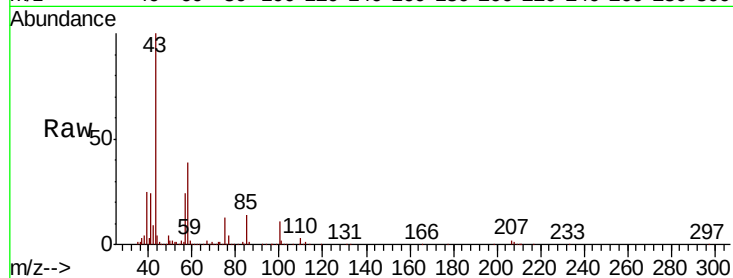
58 38.5 31.8 47.8

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#52

Toluene

Concen: 23.824 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF060371.D

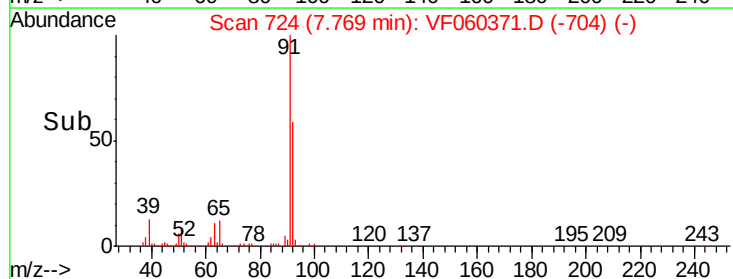
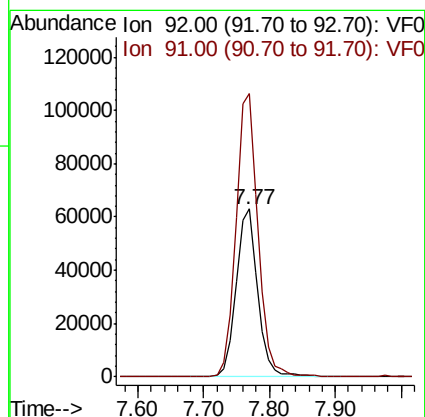
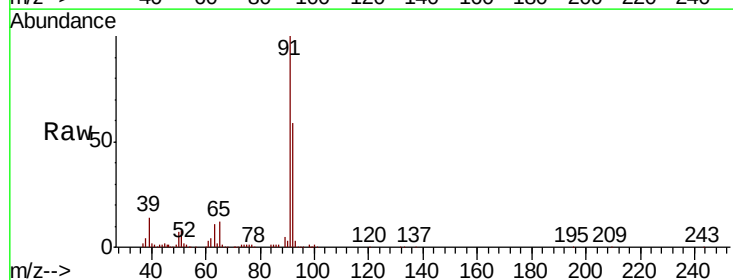
Acq: 28 Sep 2018 17:07

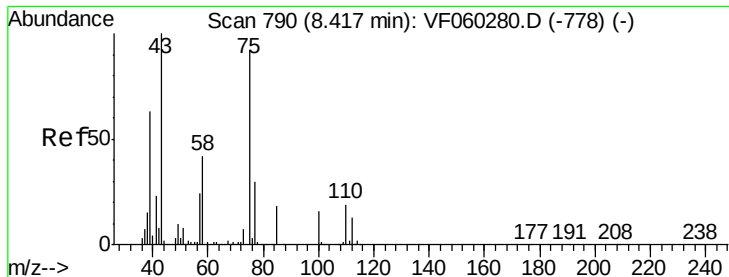
Tgt Ion: 92 Resp: 144862

Ion Ratio Lower Upper

92 100

91 168.8 133.3 199.9





#53

t-1,3-Dichloropropene

Concen: 25.963 ug/l

RT: 8.41 min Scan# 789

Delta R.T. -0.01 min

Lab File: VF060371.D

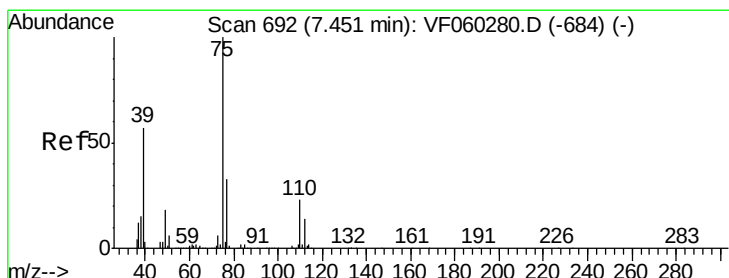
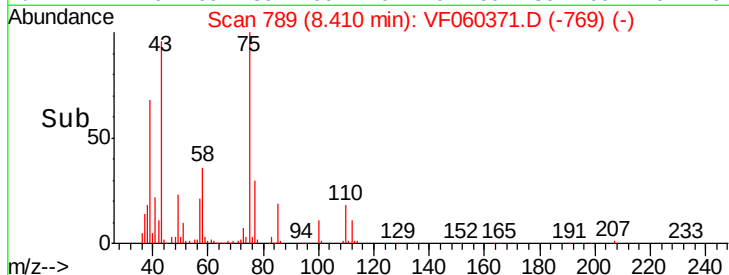
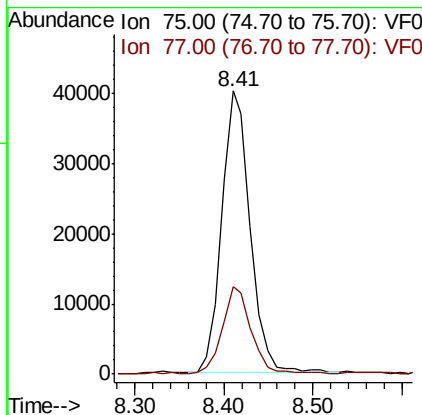
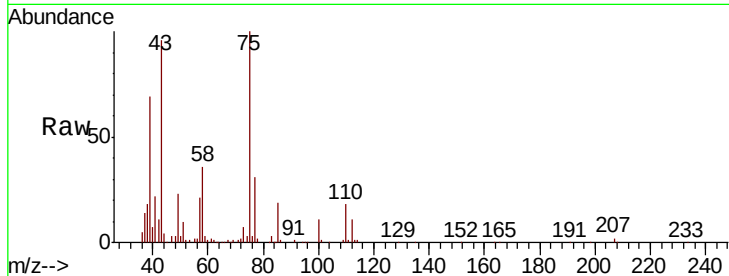
Acq: 28 Sep 2018 17:07

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.9	38.9

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBS01

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#54

cis-1,3-Dichloropropene

Concen: 23.862 ug/l

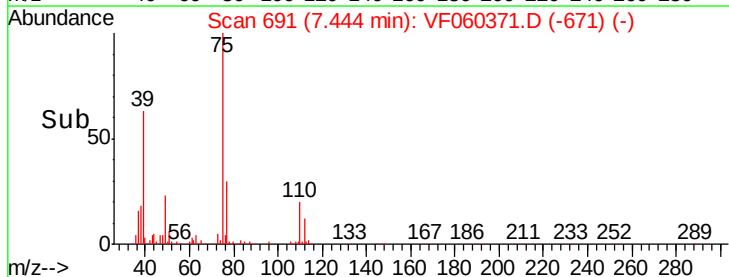
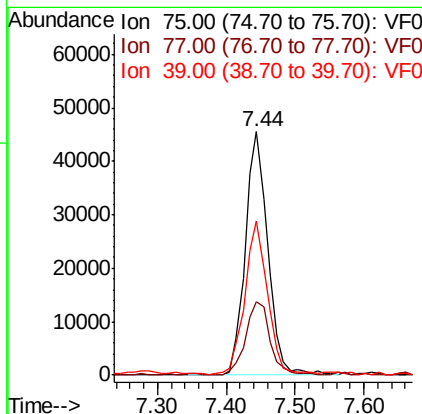
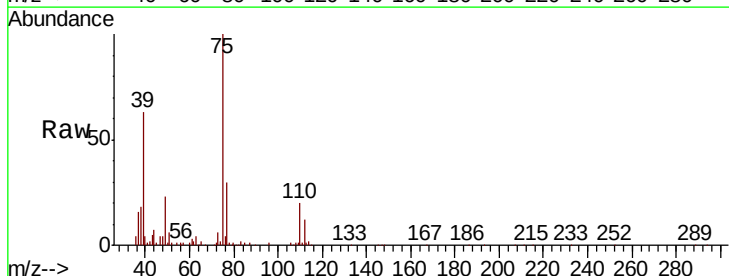
RT: 7.44 min Scan# 691

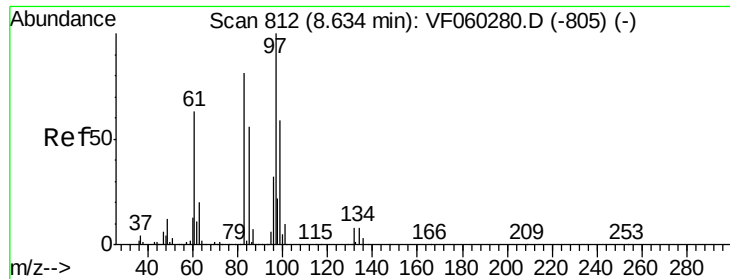
Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.3	26.3	39.5
39	63.3	46.1	69.1





#55

1,1,2-Trichloroethane

Concen: 22.841 ug/l

RT: 8.63 min Scan# 811

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

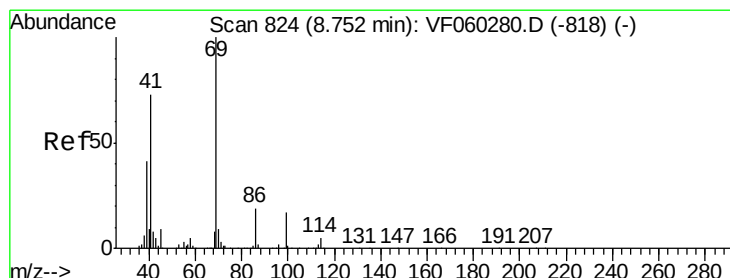
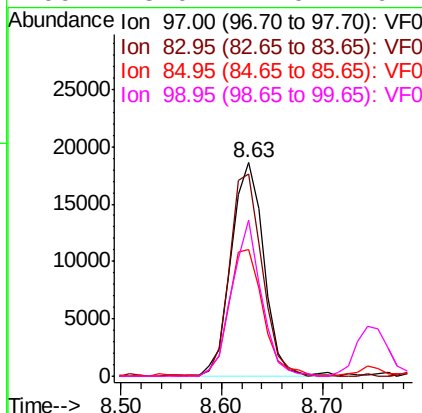
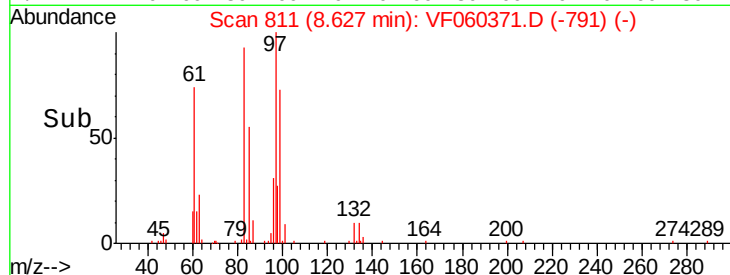
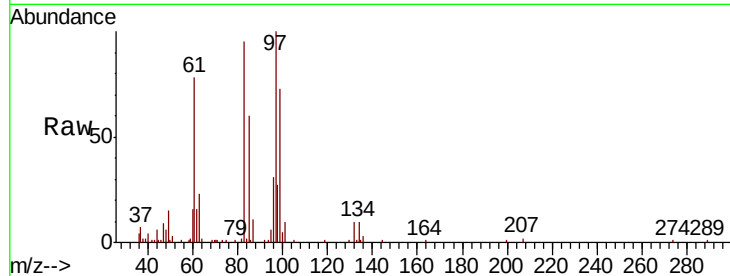
ClientSampleId :

VF0928SBS01

Tot Ion:	97	Resp:	42153
Ion	Ratio	Lower	Upper
97	100		
83	94.9	65.3	97.9
85	59.6	44.7	67.1
99	73.0	47.0	70.4#

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#56

Ethyl methacrylate

Concen: 23.496 ug/l

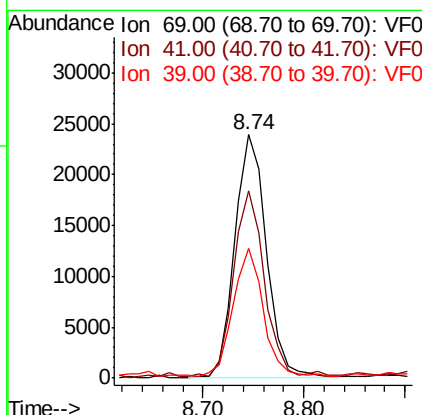
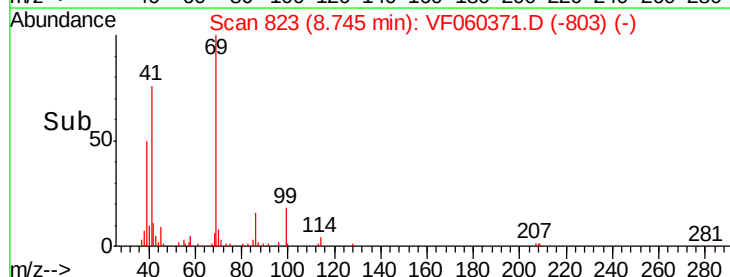
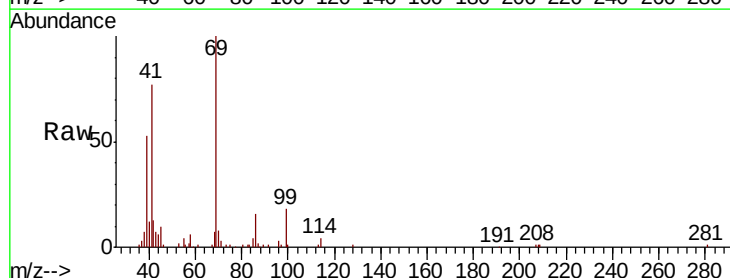
RT: 8.74 min Scan# 823

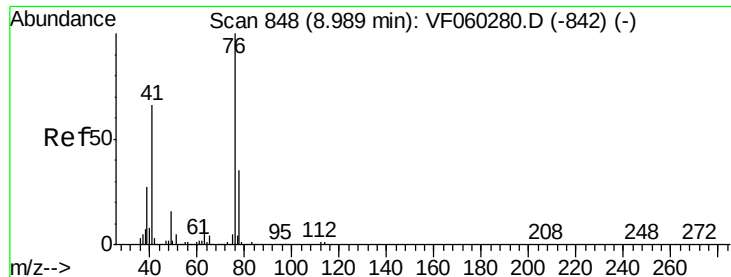
Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion:	69	Resp:	52369
Ion	Ratio	Lower	Upper
69	100		
41	76.7	59.4	89.2
39	53.2	33.5	50.3#





#57

1,3-Dichloropropane

Concen: 24.769 ug/l

RT: 8.98 min Scan# 847

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VF0928SBS01

Tot Ion: 76 Resp: 75686

Ion Ratio Lower Upper

76 100

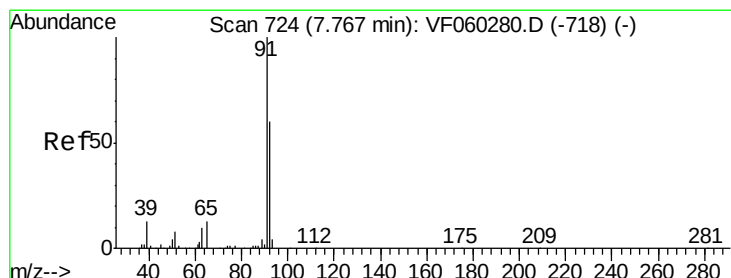
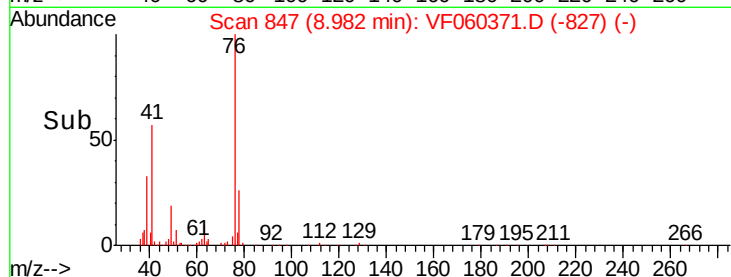
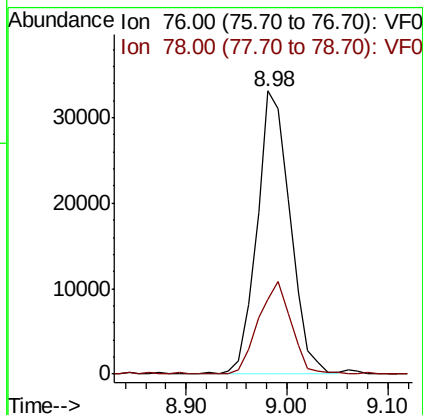
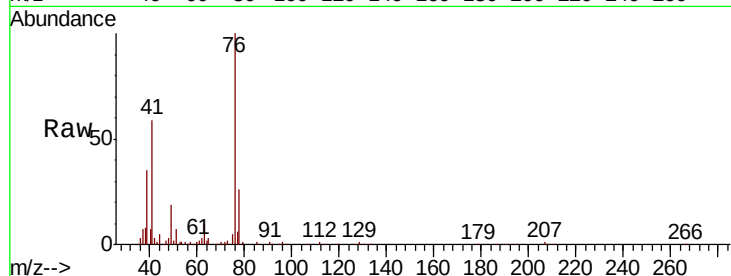
78 26.4 28.2 42.2#

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#58

2-Chloroethyl Vinyl ether

Concen: 133.417 ug/l

RT: 7.77 min Scan# 724

Delta R.T. 0.00 min

Lab File: VF060371.D

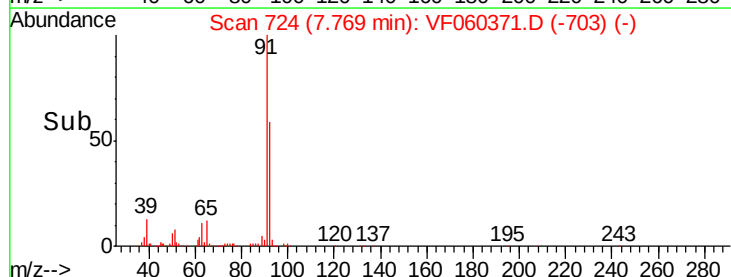
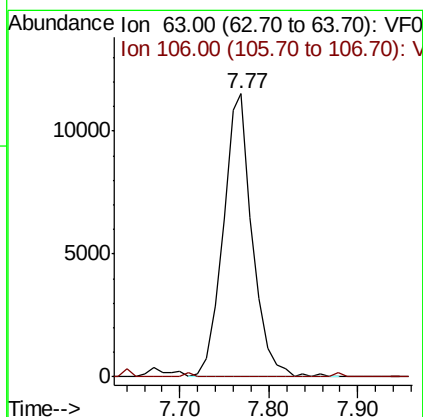
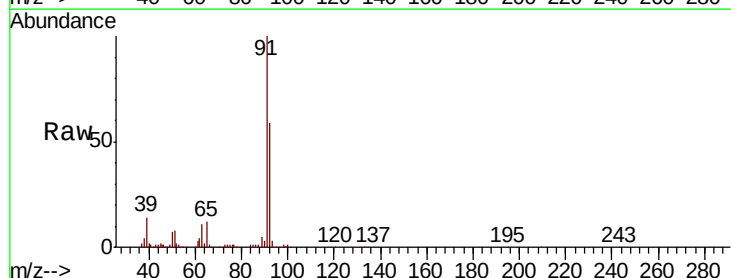
Acq: 28 Sep 2018 17:07

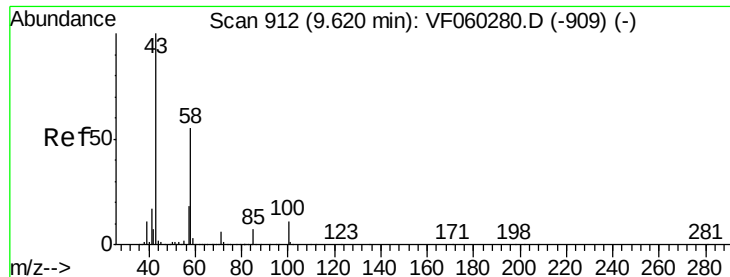
Tgt Ion: 63 Resp: 26288

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





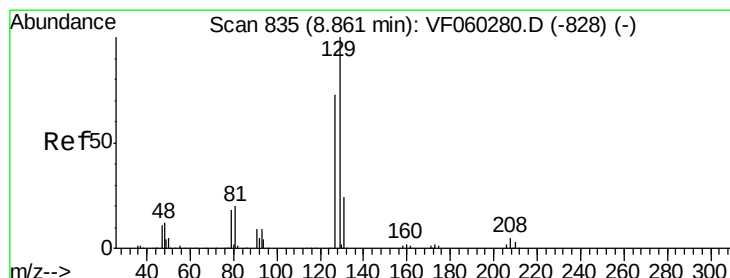
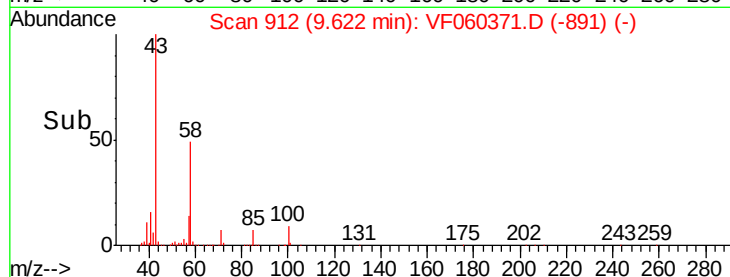
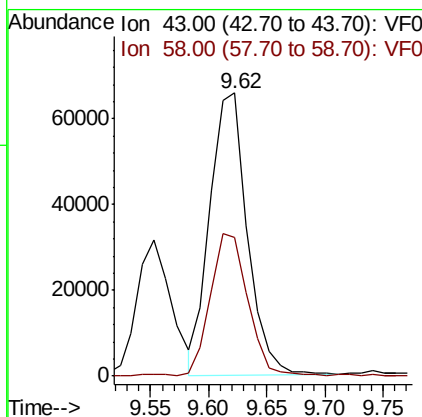
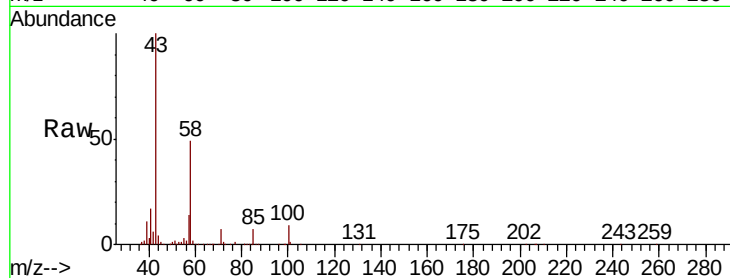
#59
 2-Hexanone
 Concen: 123.767 ug/l
 RT: 9.62 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0928SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.2	25.9	77.6

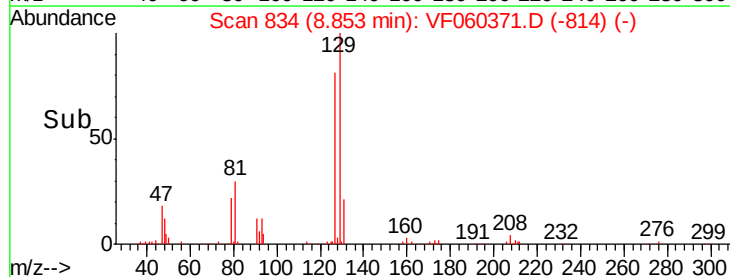
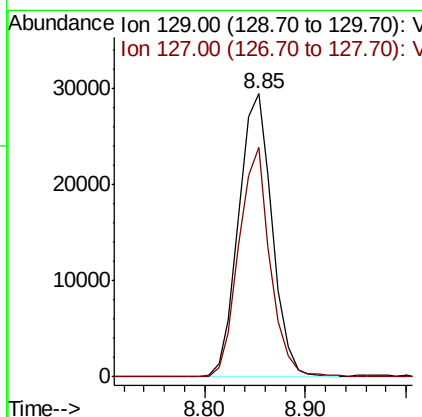
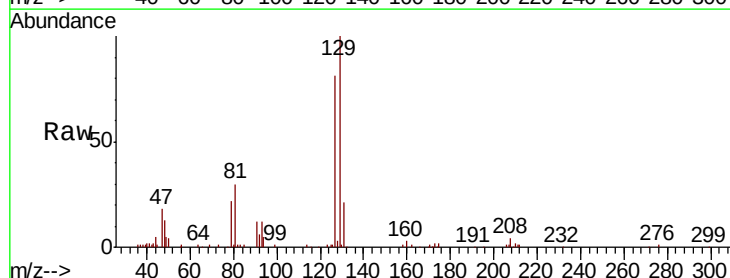
Manual Integrations
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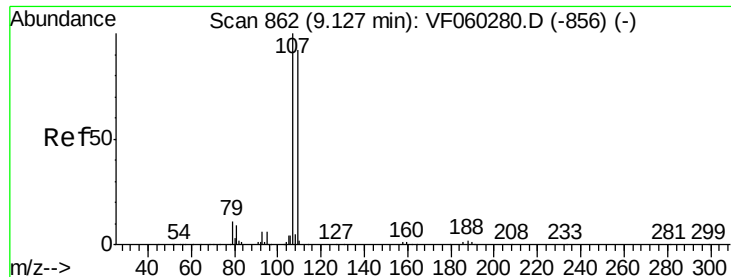
apatel
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#60
 Dibromochloromethane
 Concen: 24.779 ug/l
 RT: 8.85 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
129	100		
127	80.9	36.6	109.8





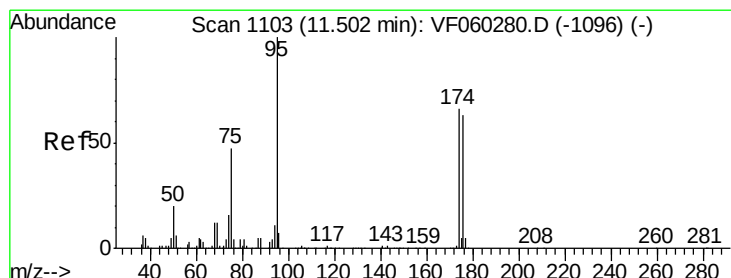
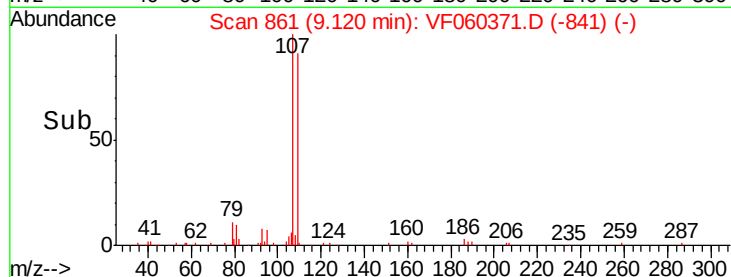
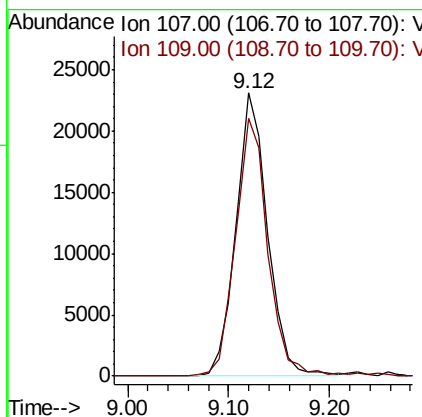
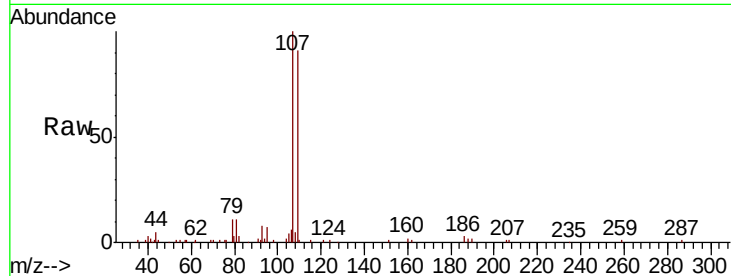
#61
 1,2-Dibromoethane
 Concen: 24.445 ug/l
 RT: 9.12 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0928SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.1	73.2	109.8

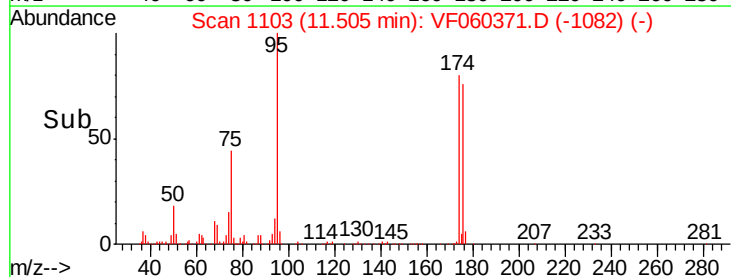
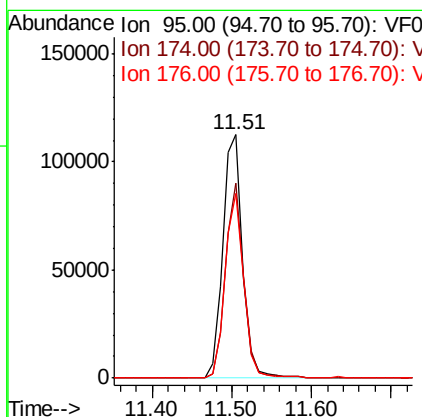
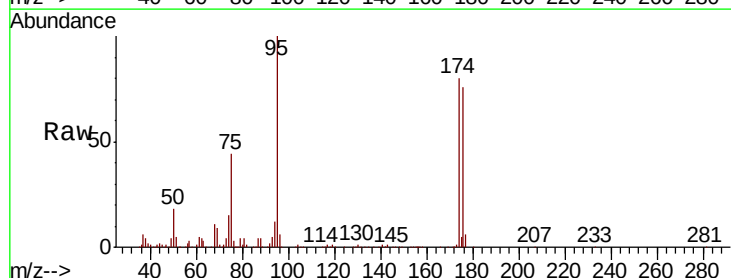
Manual Integrations
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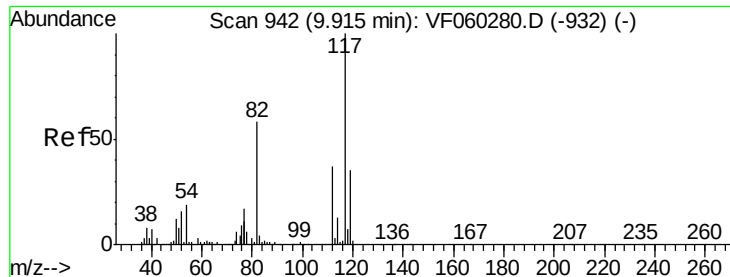
apatel
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#62
 4-Bromofluorobenzene
 Concen: 57.953 ug/l
 RT: 11.51 min Scan# 1103
 Delta R.T. 0.00 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	131.2
176	75.6	0.0	126.6





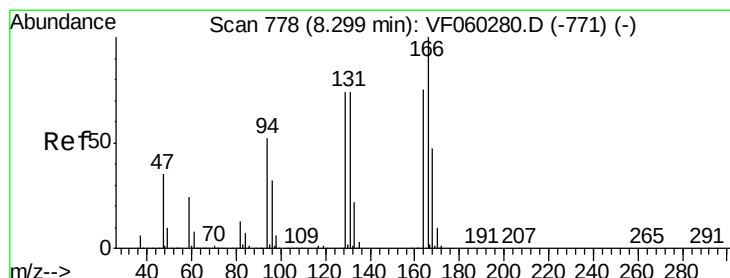
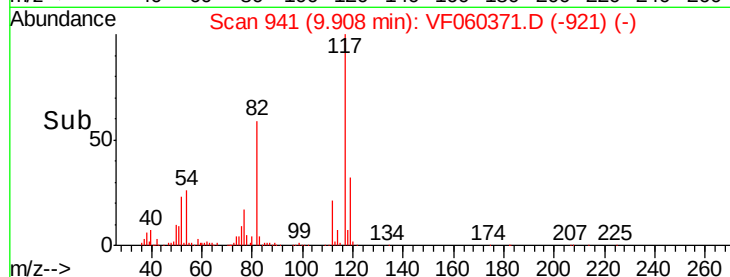
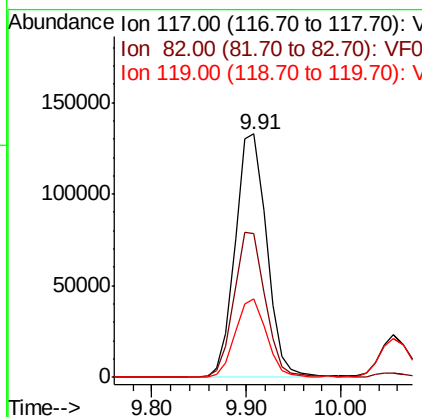
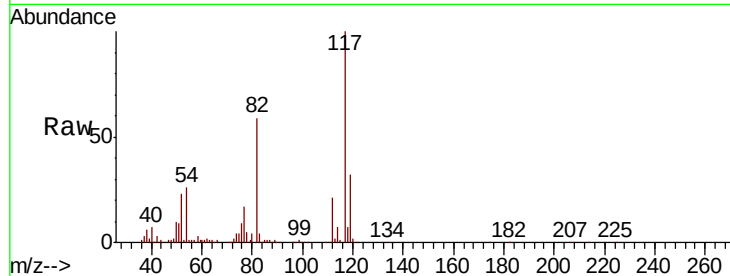
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	307804		
82	58.8		46.2	69.2
119	32.0		27.8	41.6

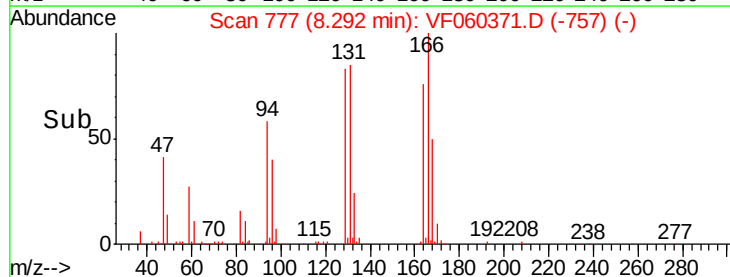
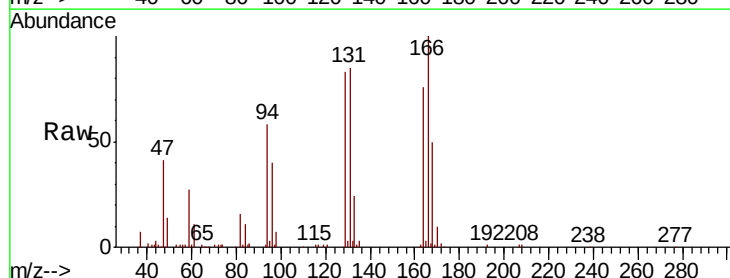
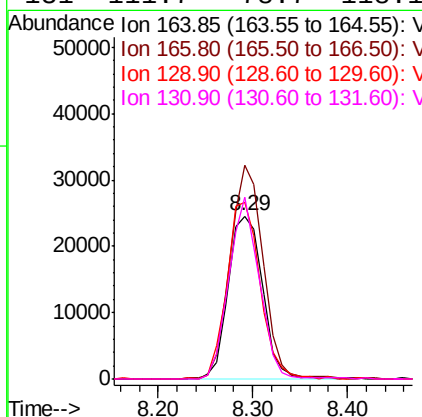
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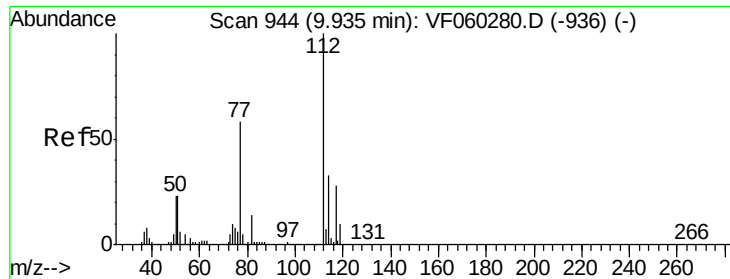
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#64
Tetrachloroethene
Concen: 22.118 ug/l
RT: 8.29 min Scan# 777
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	61716		
166	131.4		106.8	160.2
129	108.7		78.8	118.2
131	111.7		78.7	118.1





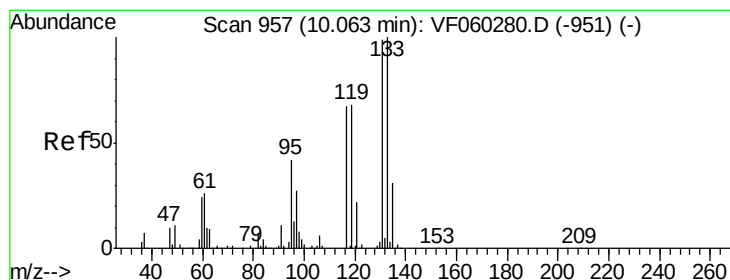
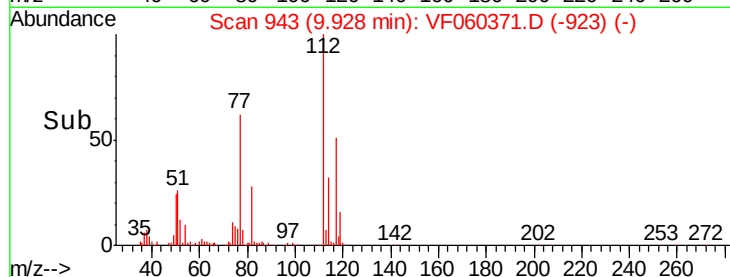
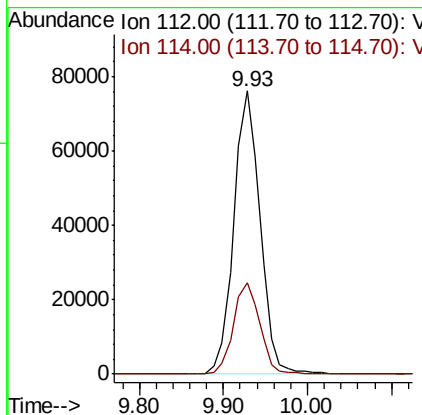
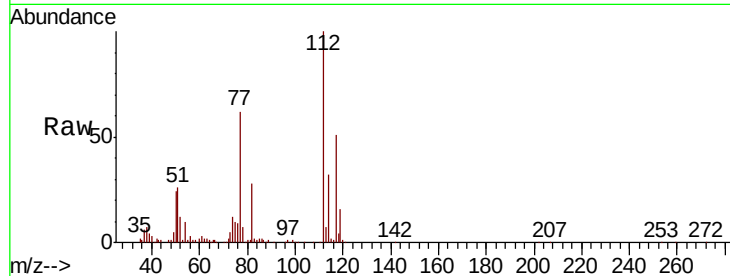
#65
Chlorobenzene
Concen: 23.728 ug/l
RT: 9.93 min Scan# 943
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	165534		
114	32.1	26.6	40.0	

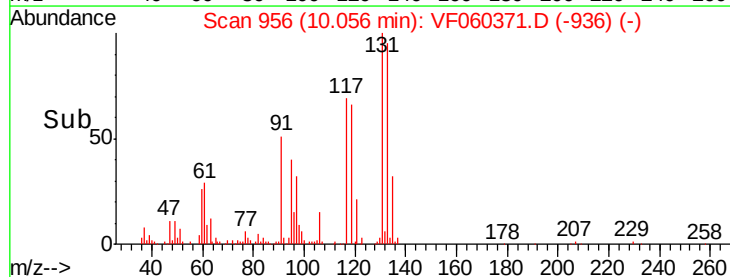
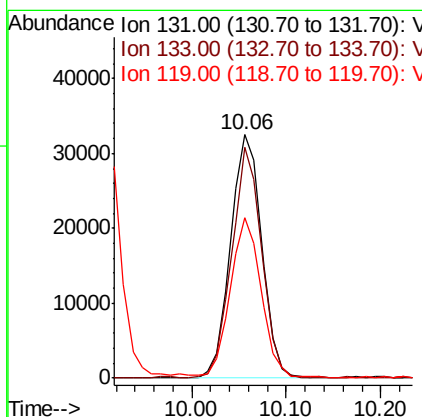
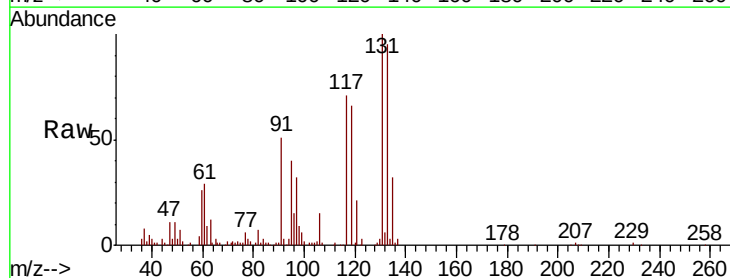
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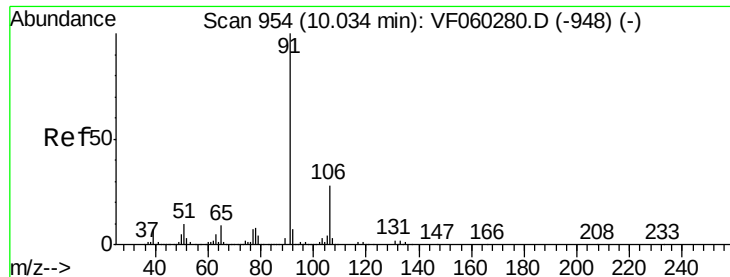
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#66
1,1,1,2-Tetrachloroethane
Concen: 25.616 ug/l
RT: 10.06 min Scan# 956
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	74160		
133	95.0	50.4	151.2	
119	65.8	34.8	104.3	





#67

Ethyl Benzene

Concen: 24.622 ug/l

RT: 10.03 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VF0928SBS01

Tot Ion: 91 Resp: 317592

Ion Ratio Lower Upper

91 100

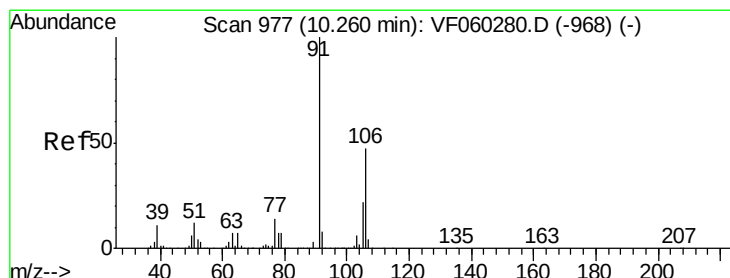
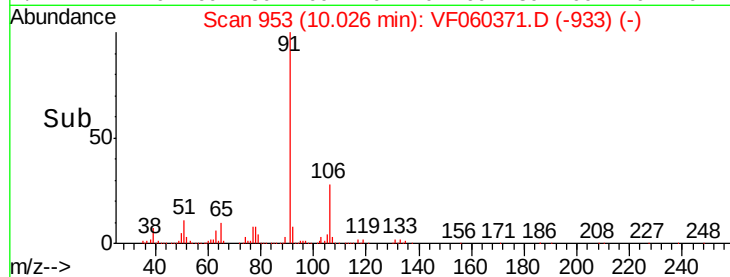
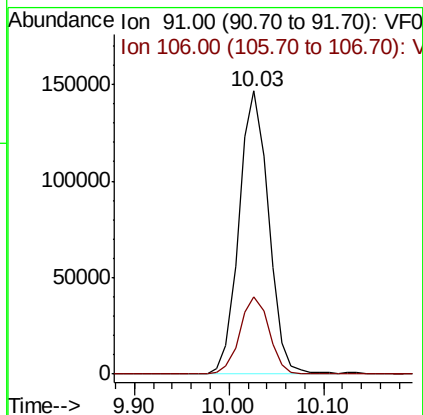
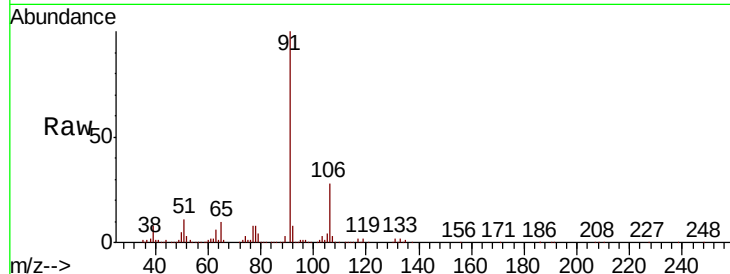
106 27.5 22.7 34.1

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#68

m/p-Xylenes

Concen: 47.174 ug/l

RT: 10.25 min Scan# 976

Delta R.T. -0.01 min

Lab File: VF060371.D

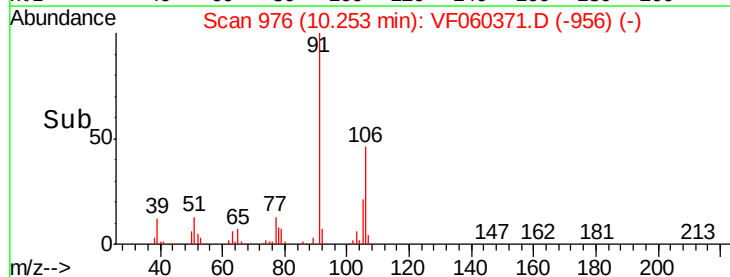
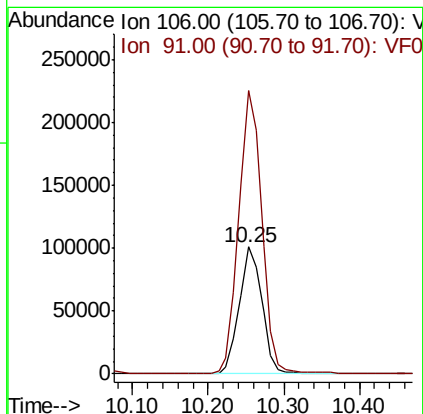
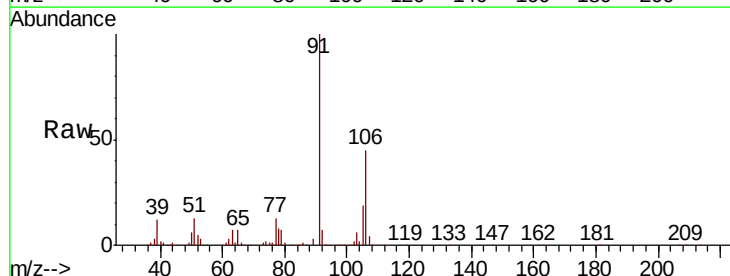
Acq: 28 Sep 2018 17:07

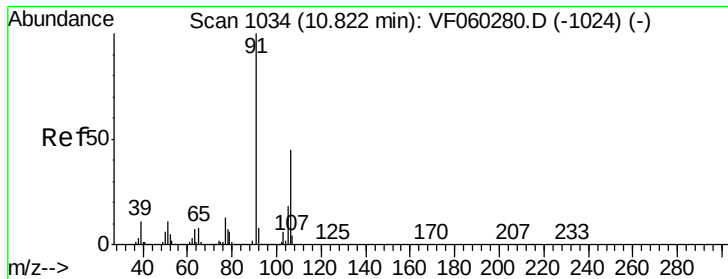
Tgt Ion: 106 Resp: 210221

Ion Ratio Lower Upper

106 100

91 223.2 172.3 258.5





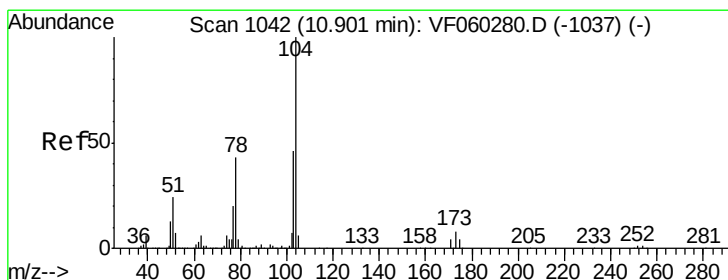
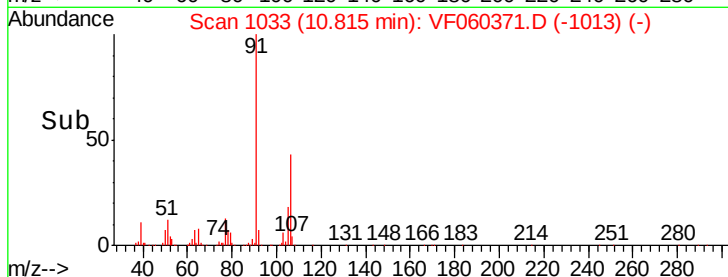
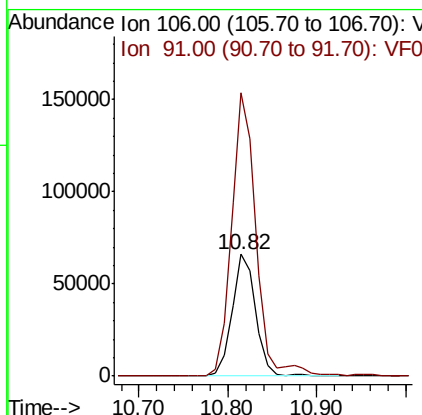
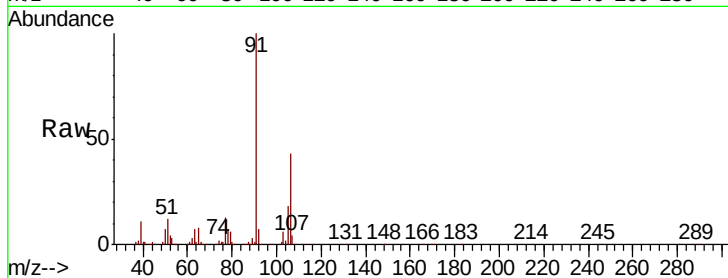
#69
o-Xylene
Concen: 24.616 ug/l
RT: 10.82 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	232.1	110.9	332.6

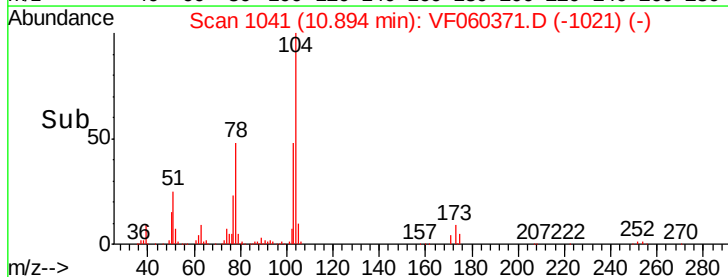
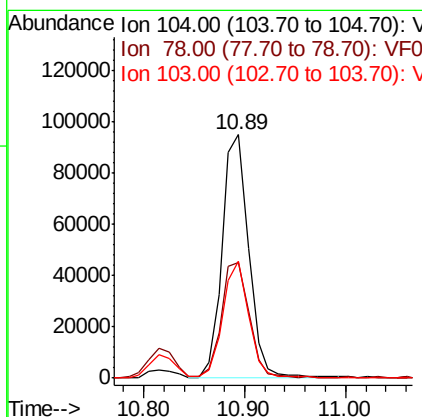
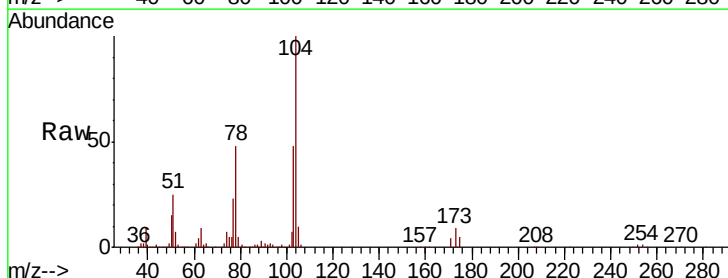
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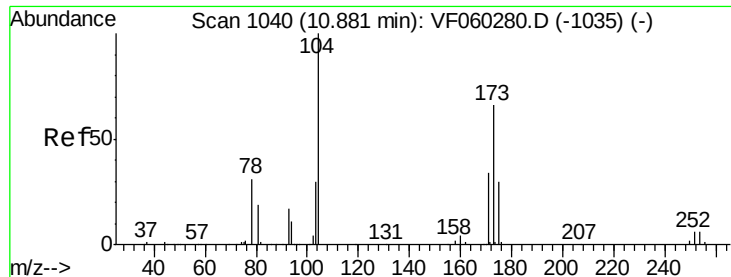
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#70
Styrene
Concen: 24.625 ug/l
RT: 10.89 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	35.0	52.6
103	48.0	37.4	56.0





#71

Bromoform

Concen: 23.886 ug/l

RT: 10.88 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VF0928SBSD01

Tot Ion:173 Resp: 37979

Ion Ratio Lower Upper

173 100

175 44.9 22.3 66.9

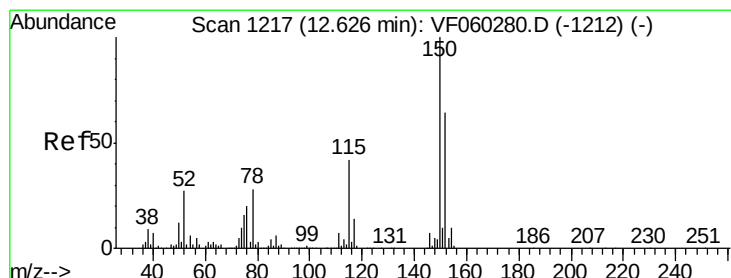
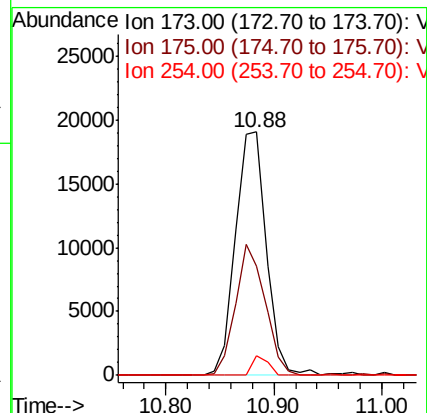
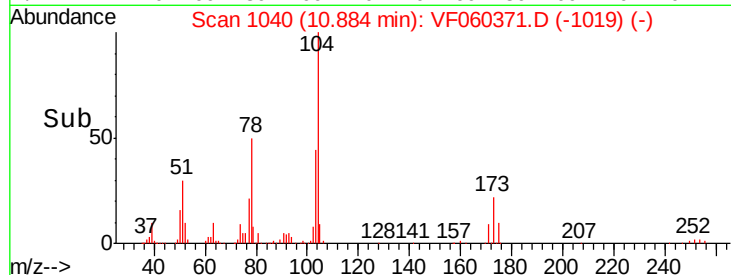
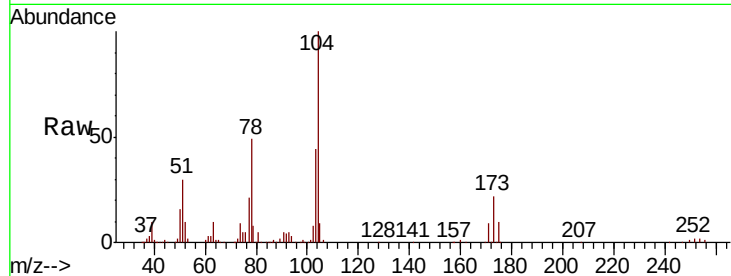
254 8.2 0.0 0.0#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

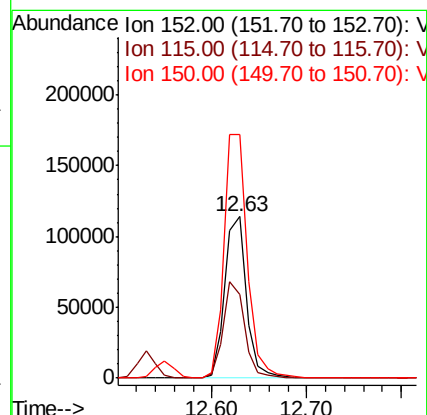
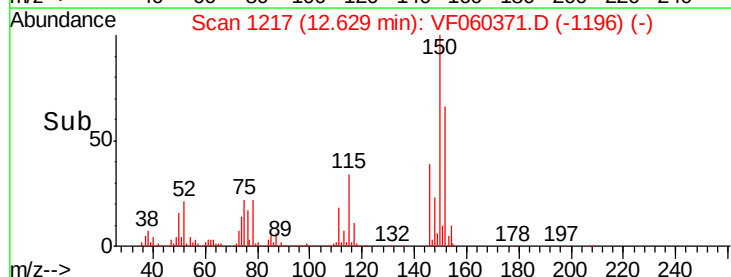
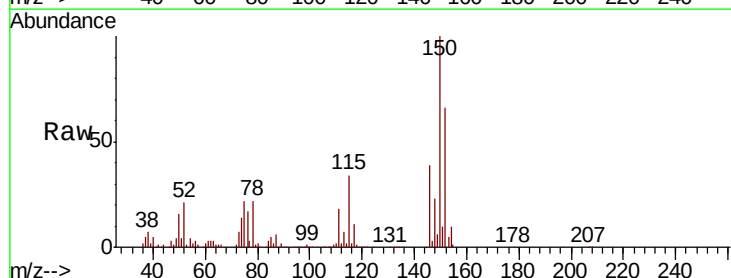
Tgt Ion:152 Resp: 182002

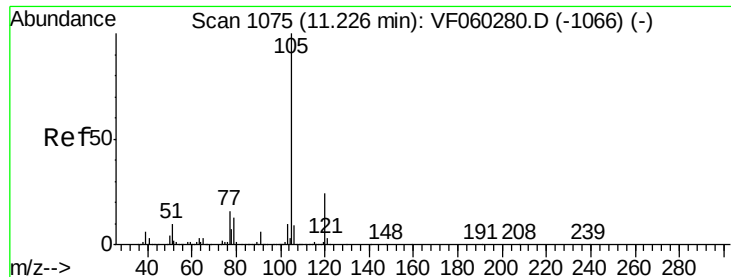
Ion Ratio Lower Upper

152 100

115 51.6 32.6 97.8

150 150.7 0.0 314.2





#73

Isopropylbenzene

Concen: 22.744 ug/l

RT: 11.22 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VF0928SBS01

Tot Ion: 105 Resp: 371605

Ion Ratio Lower Upper

105 100

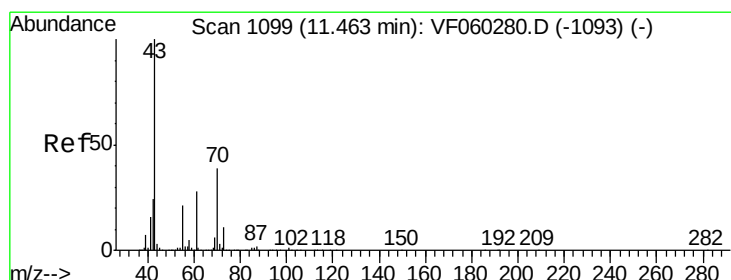
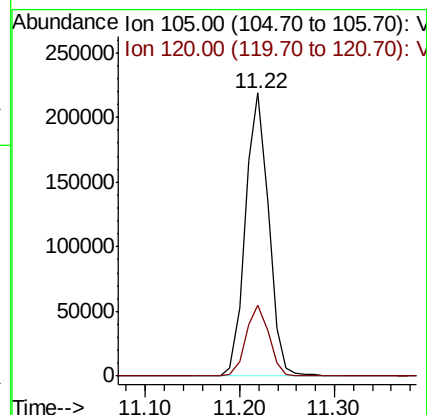
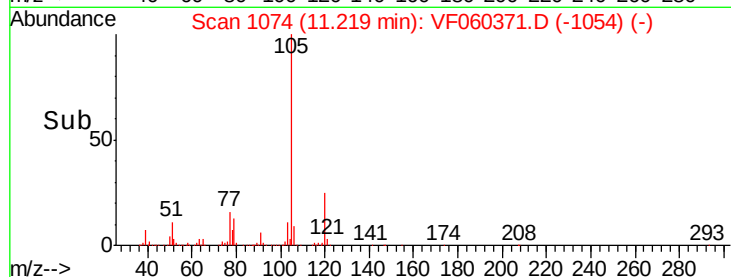
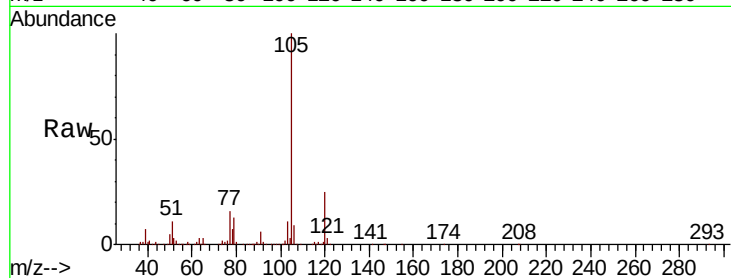
120 24.9 12.2 36.6

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#74

N-ethyl acetate

Concen: 25.286 ug/l

RT: 11.46 min Scan# 1098

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion: 43 Resp: 88101

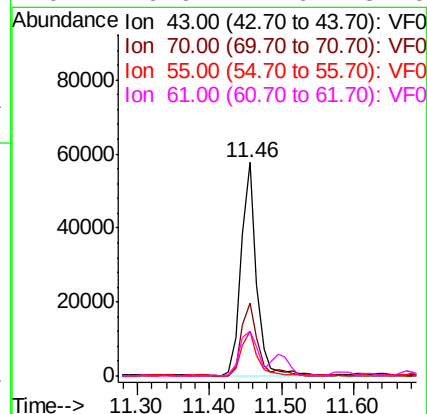
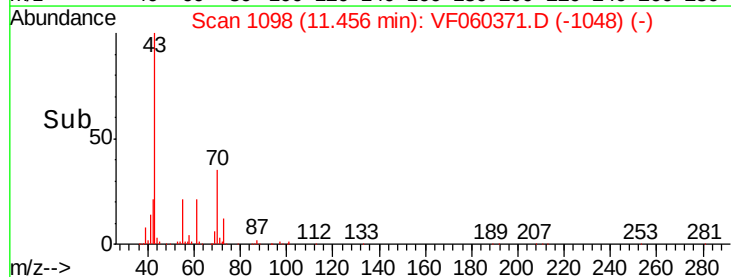
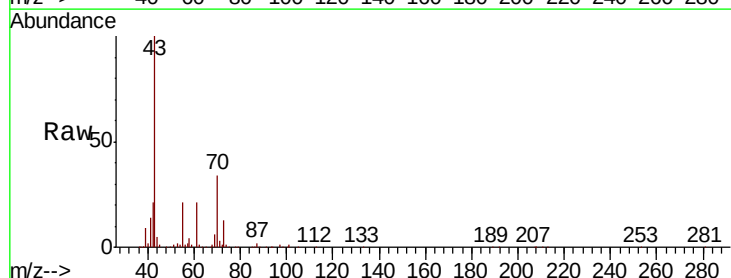
Ion Ratio Lower Upper

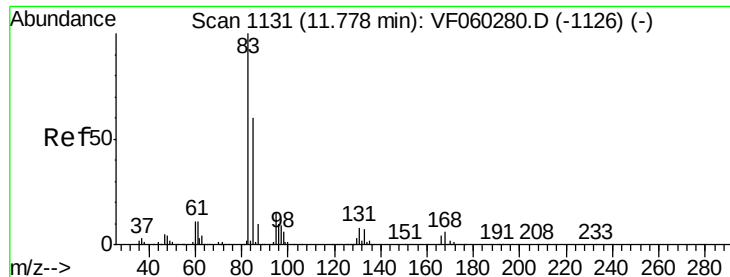
43 100

70 34.3 31.4 47.2

55 21.0 16.8 25.2

61 20.9 22.6 34.0#





#75

1,1,2,2-Tetrachloroethane

Concen: 22.949 ug/l

RT: 11.77 min Scan# 1130

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

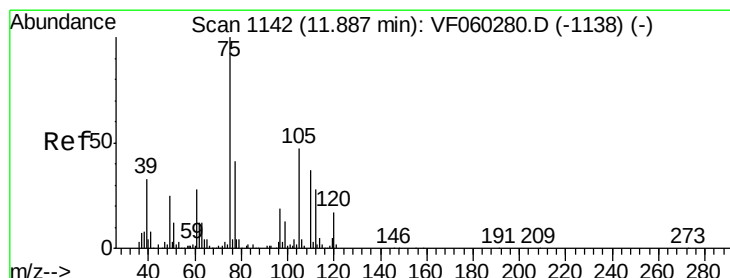
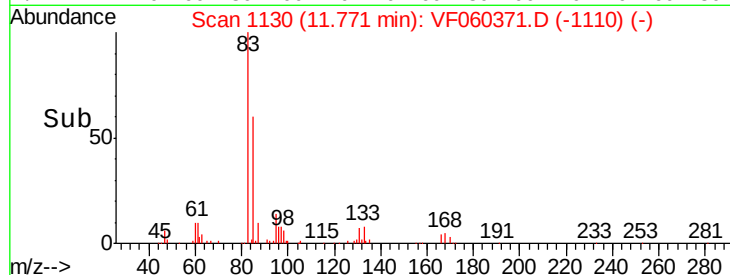
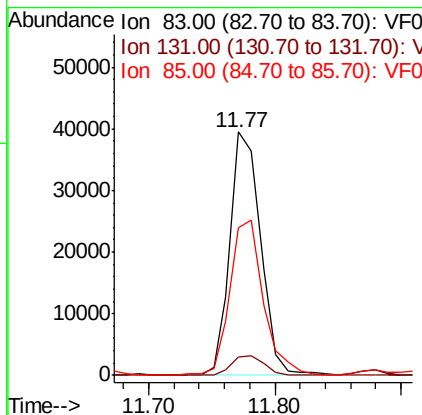
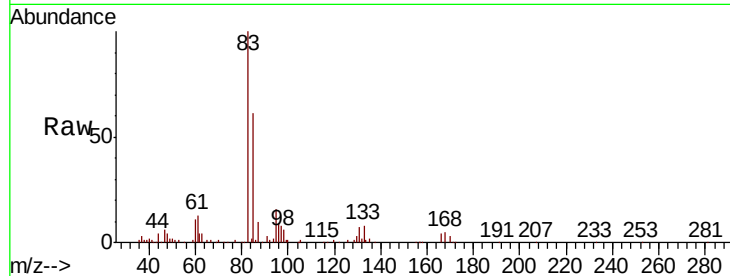
ClientSampleId :

VF0928SBS01

Tot Ion:	83	Resp:	66450
Ion Ratio	Lower	Upper	
83	100		
131	7.4	4.2	12.4
85	60.8	30.1	90.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 23.403 ug/l

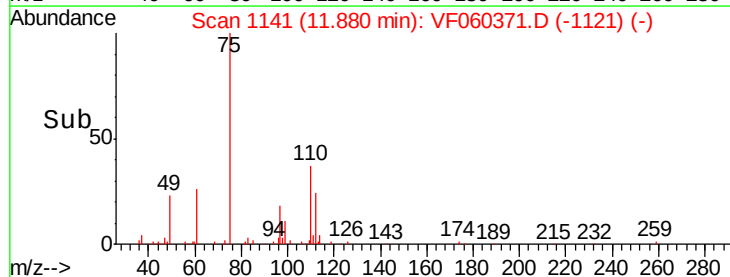
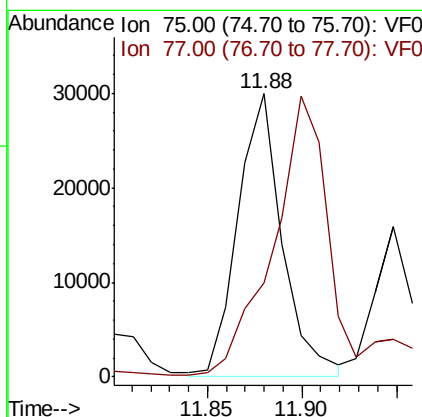
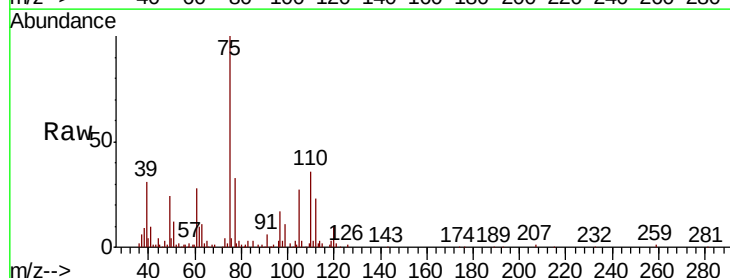
RT: 11.88 min Scan# 1141

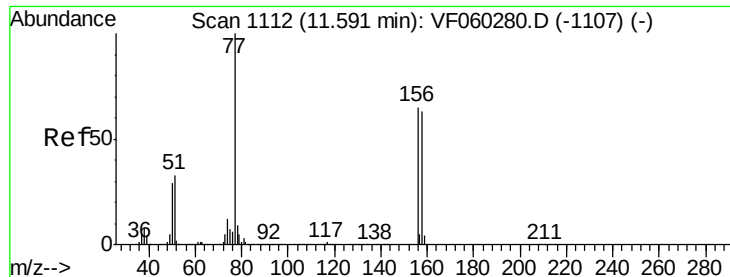
Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion:	75	Resp:	48522
Ion Ratio	Lower	Upper	
75	100		
77	33.2	20.5	61.5





#77

Bromobenzene

Concen: 23.295 ug/l

RT: 11.58 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

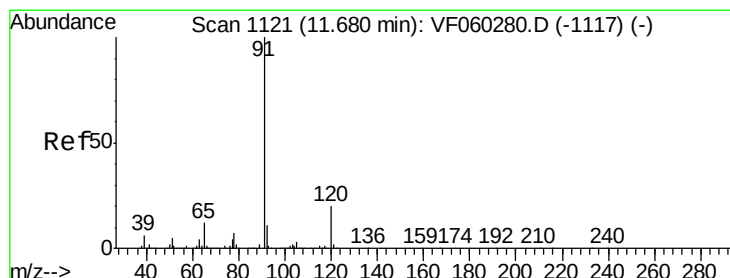
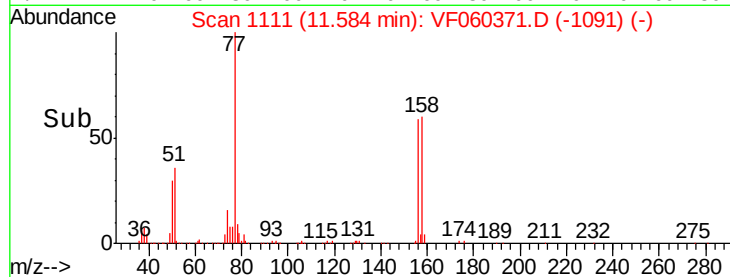
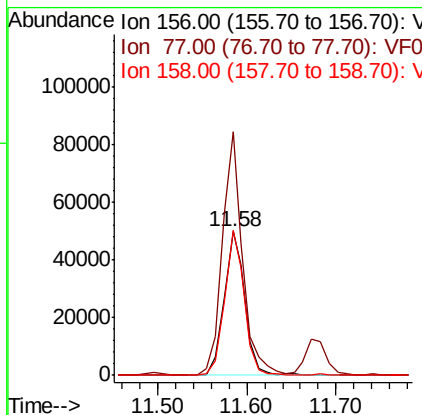
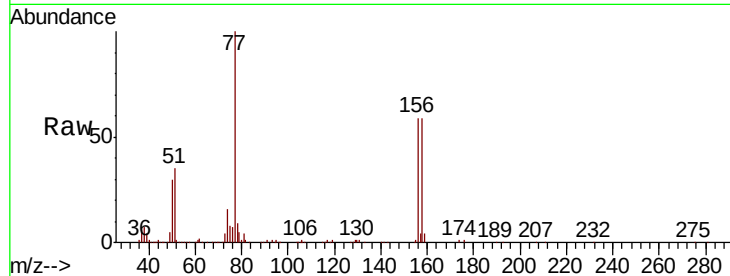
ClientSampleId :

VF0928SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	169.6	77.3	232.1	
158	100.9	48.4	145.2	

Manual Integrations
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#78

n-propylbenzene

Concen: 23.895 ug/l

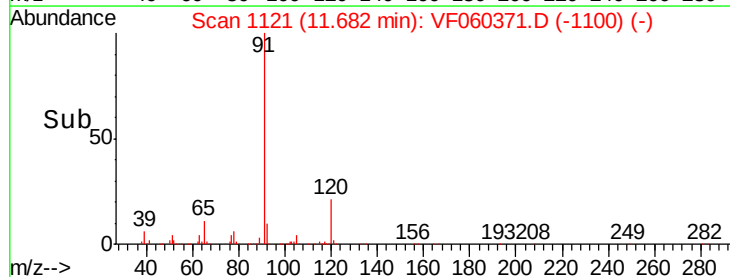
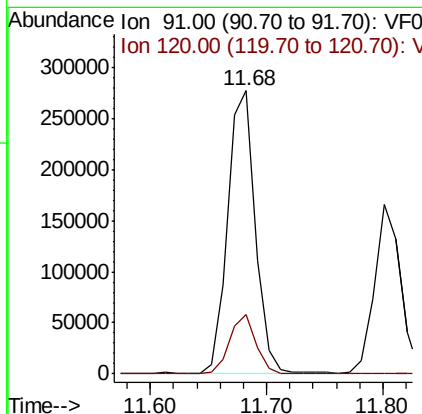
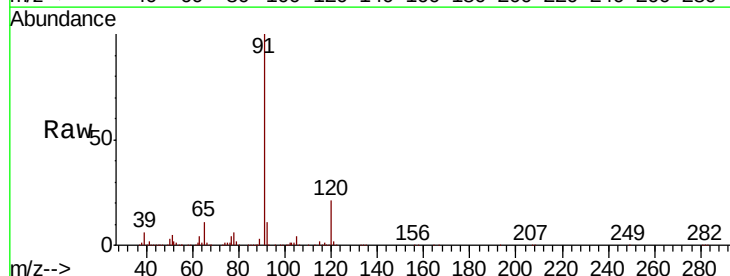
RT: 11.68 min Scan# 1121

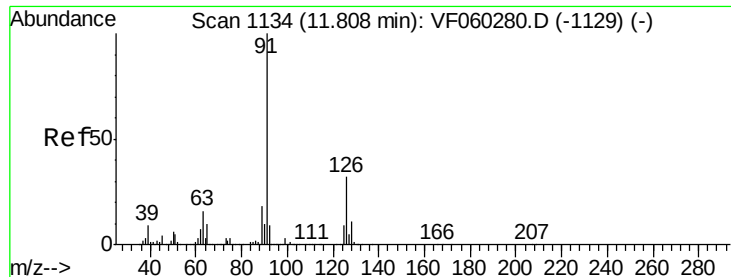
Delta R.T. 0.00 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	20.8	10.0	29.8	





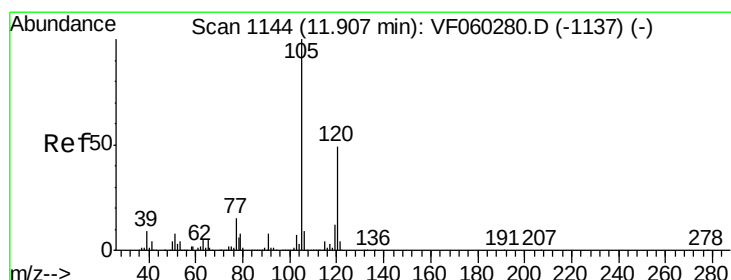
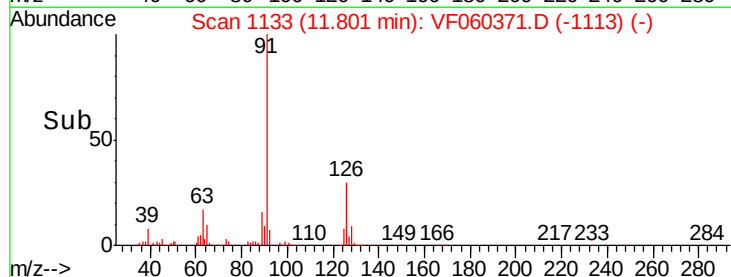
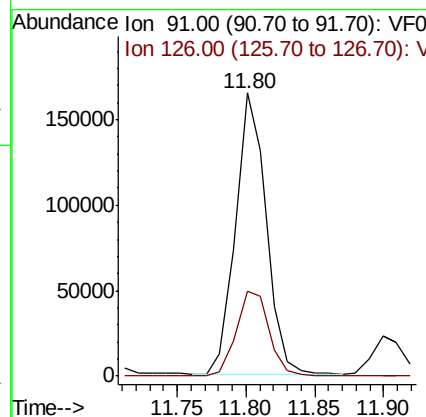
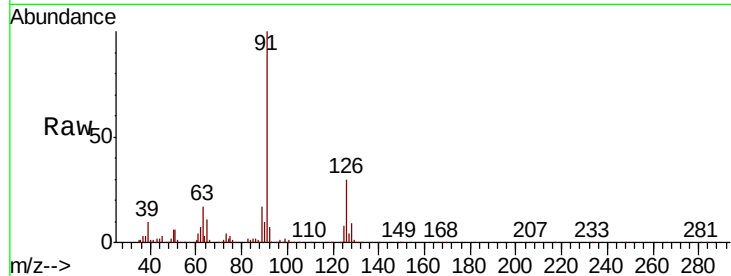
#79
 2-Chlorotoluene
 Concen: 23.263 ug/l
 RT: 11.80 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0928SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	29.8	16.1	48.3

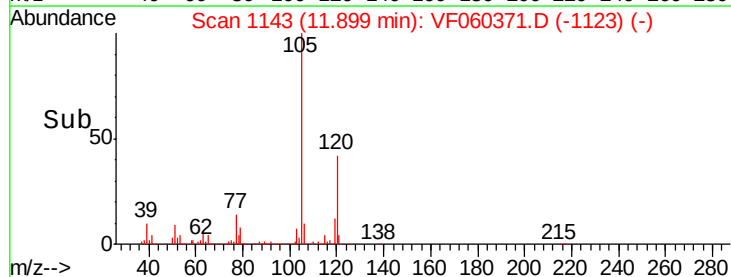
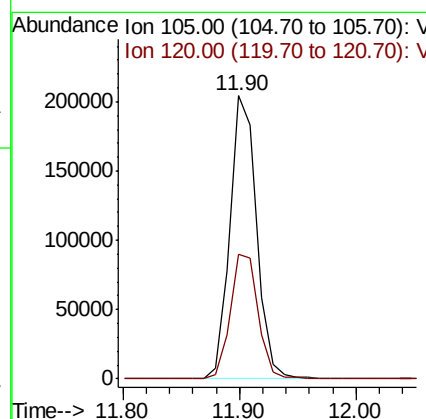
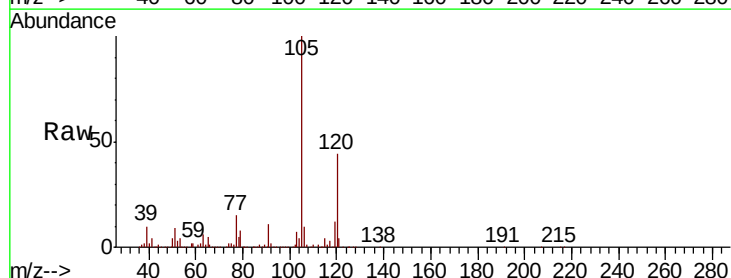
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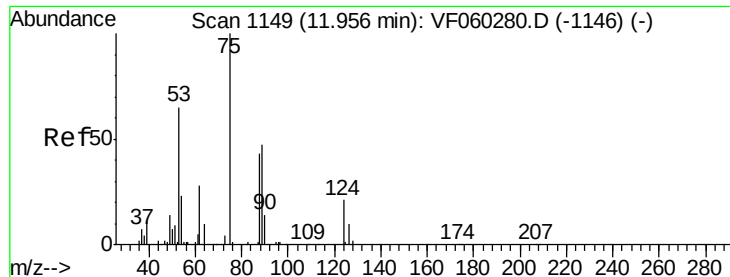
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#80
 1,3,5-Trimethylbenzene
 Concen: 24.734 ug/l
 RT: 11.90 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	24.4	73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 21.327 ug/l m

RT: 11.95 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

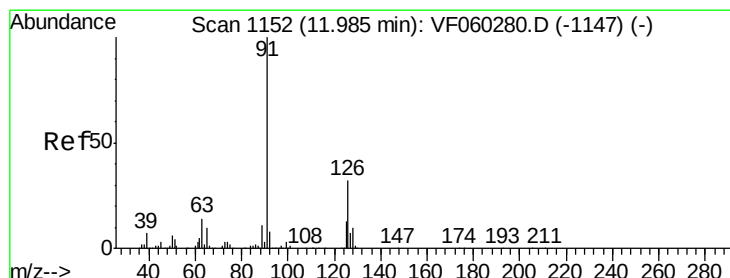
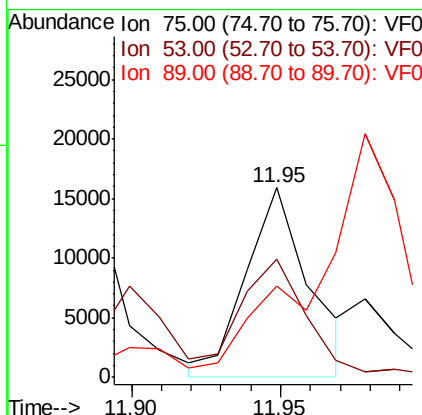
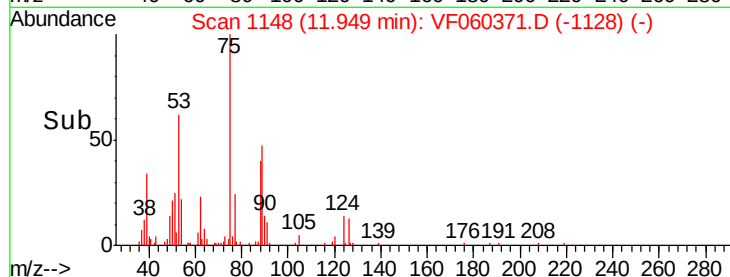
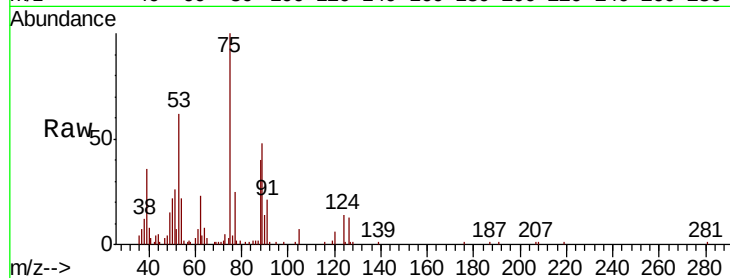
ClientSampleId :

VF0928SBSD01

Tot Ion:	75	Resp:	23368
Ion	Ratio	Lower	Upper
75	100		
53	62.5	56.5	84.7
89	48.0	40.6	60.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 23.795 ug/l

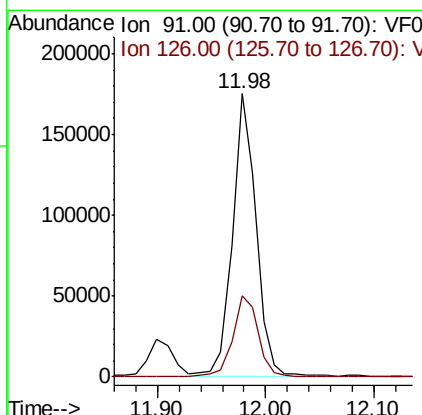
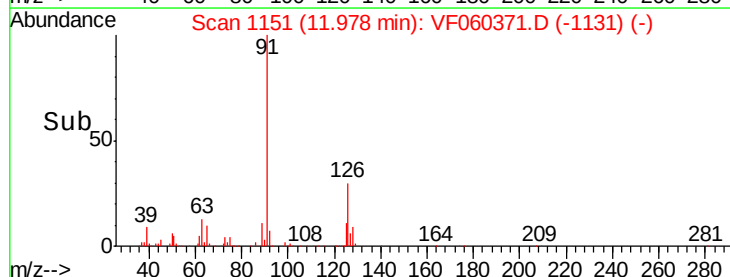
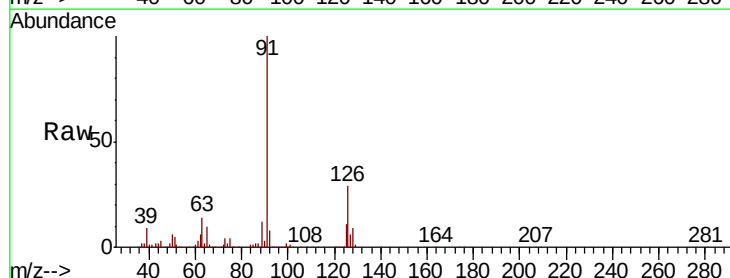
RT: 11.98 min Scan# 1151

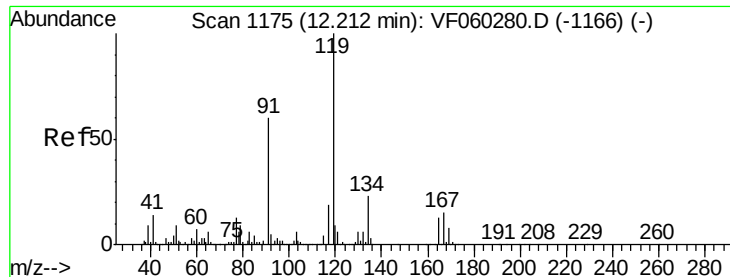
Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion:	91	Resp:	263588
Ion	Ratio	Lower	Upper
91	100		
126	28.9	16.1	48.2





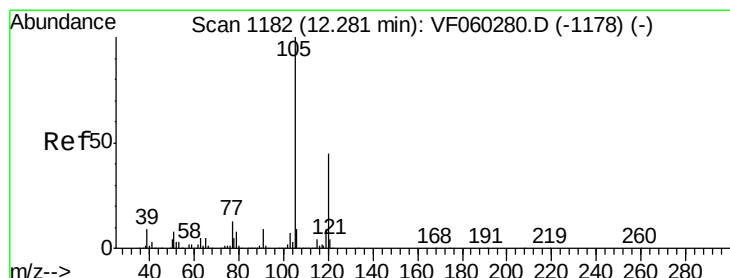
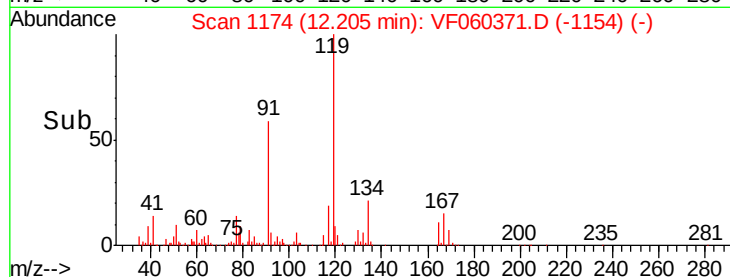
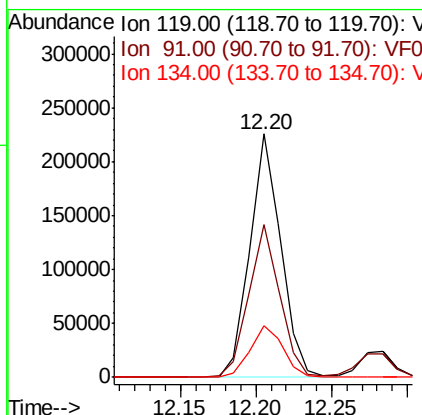
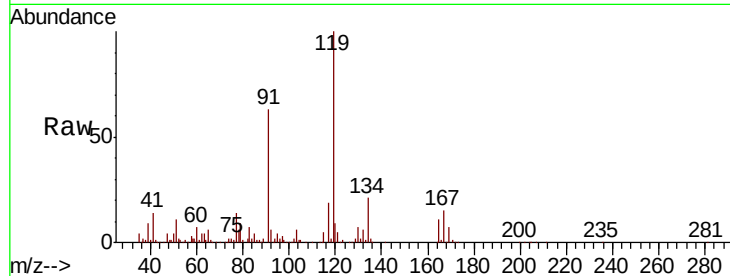
#83
 tert-Butylbenzene
 Concen: 24.286 ug/l
 RT: 12.20 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0928SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	323799		
91	62.7		30.3	91.0
134	21.4		11.6	34.8

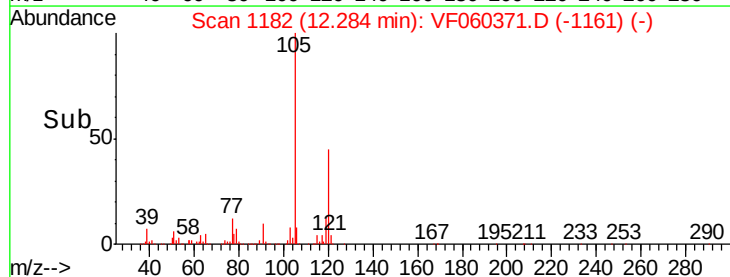
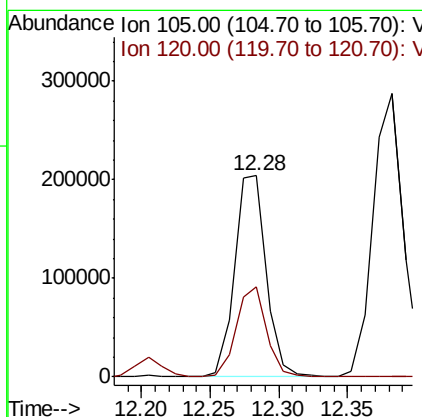
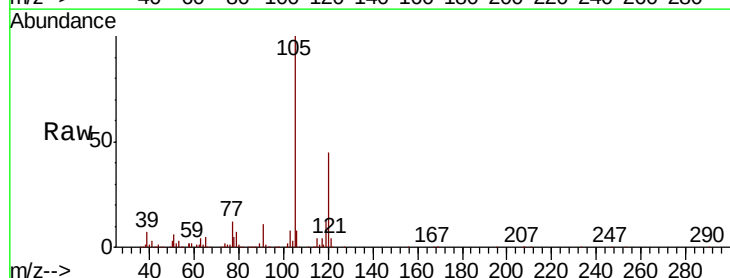
Manual Integrations
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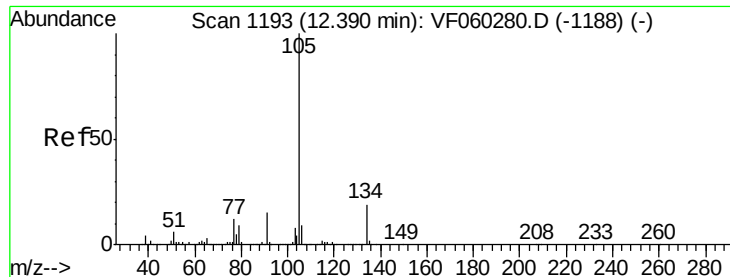
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#84
 1,2,4-Trimethylbenzene
 Concen: 24.535 ug/l
 RT: 12.28 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	327665		
120	44.9		22.4	67.0





#85

sec-Butylbenzene

Concen: 24.064 ug/l

RT: 12.38 min Scan# 1192

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

ClientSampleId :

VF0928SBS01

Tot Ion:105 Resp: 440886

Ion Ratio Lower Upper

105 100

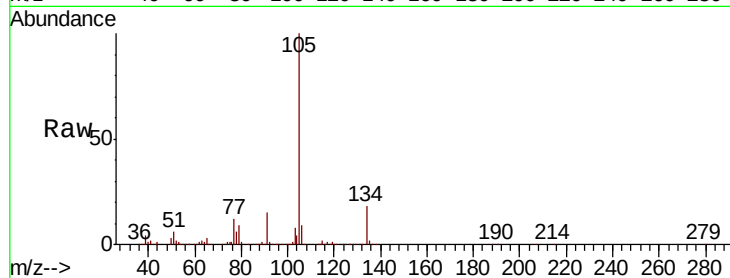
134 18.0 9.6 28.6

Manual Integrations

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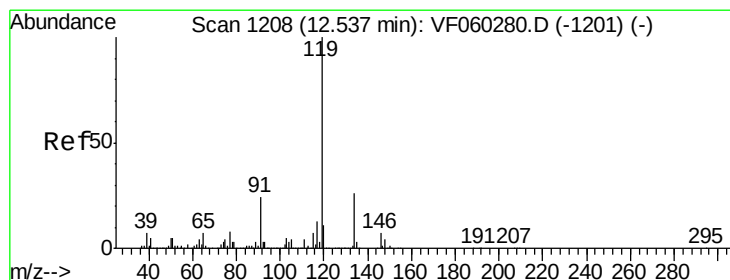
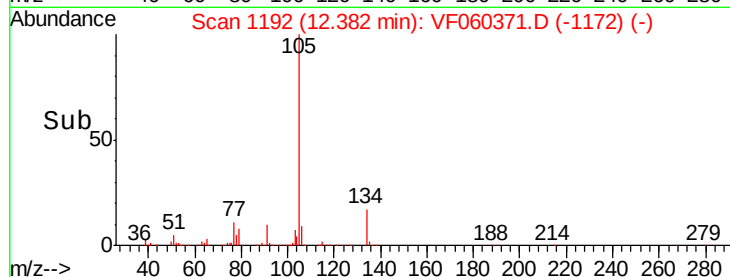
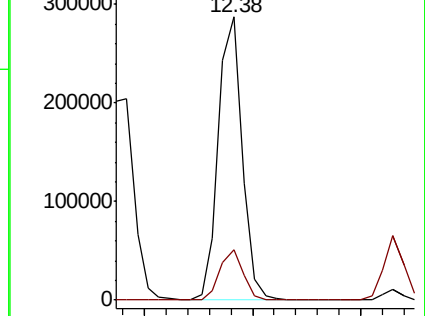
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 24.384 ug/l

RT: 12.53 min Scan# 1207

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

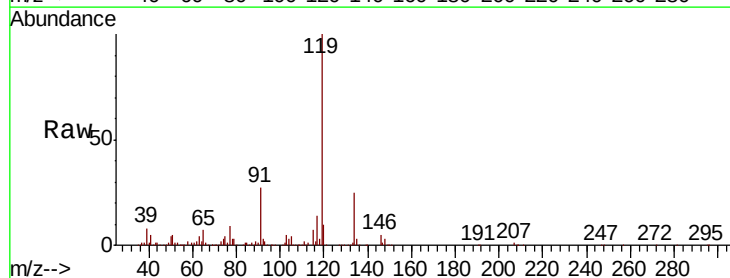
Tgt Ion:119 Resp: 352817

Ion Ratio Lower Upper

119 100

134 25.0 12.9 38.7

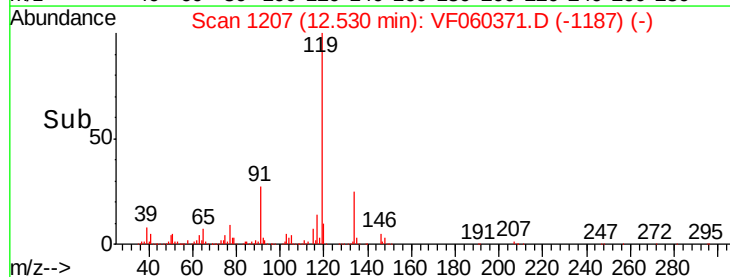
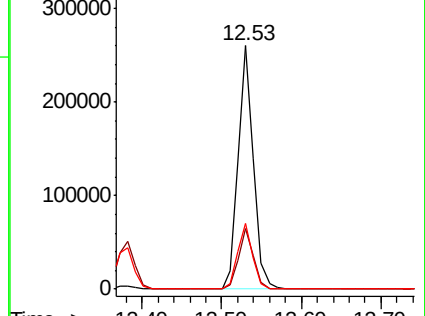
91 26.8 11.9 35.7

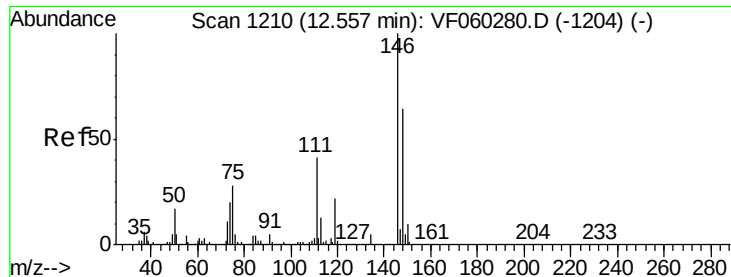


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 22.836 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

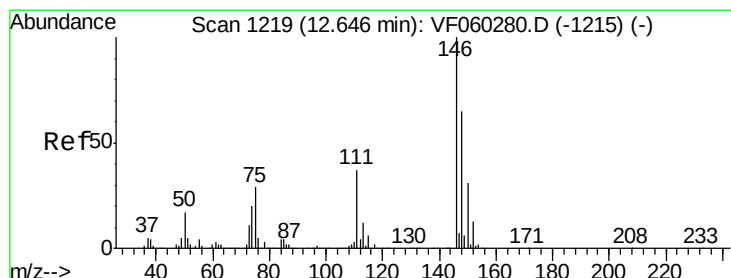
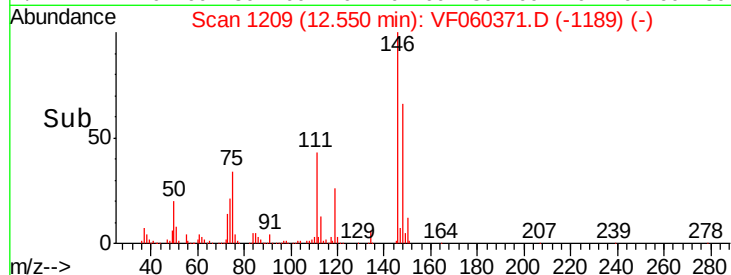
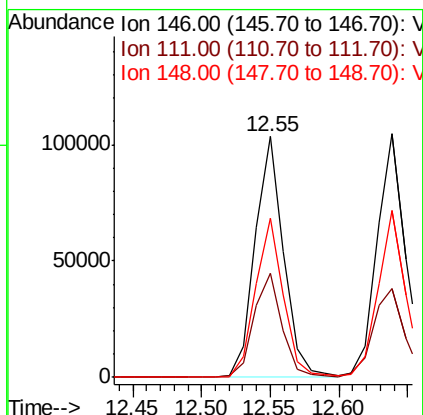
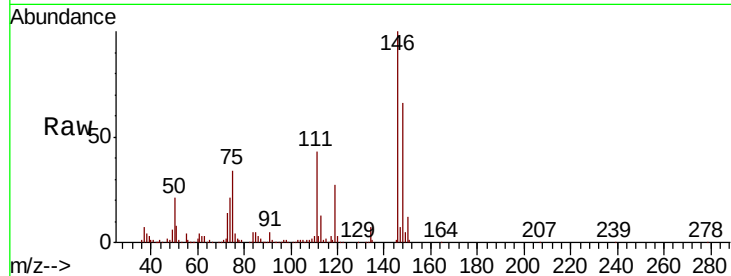
ClientSampleId :

VF0928SBS01

Tot Ion:	146	Resp:	150257
Ion Ratio		Lower	Upper
146	100		
111	43.1	20.5	61.6
148	65.9	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 23.494 ug/l

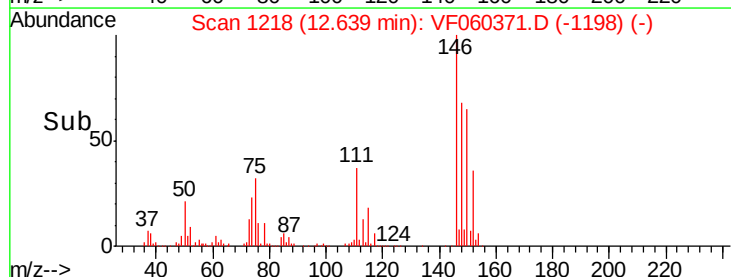
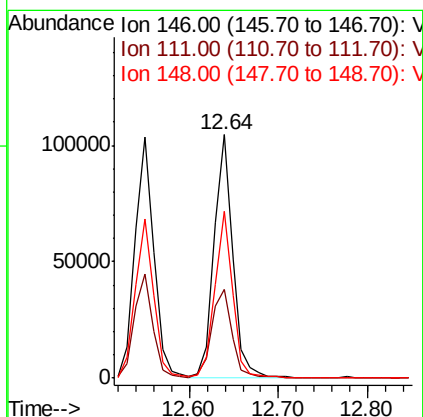
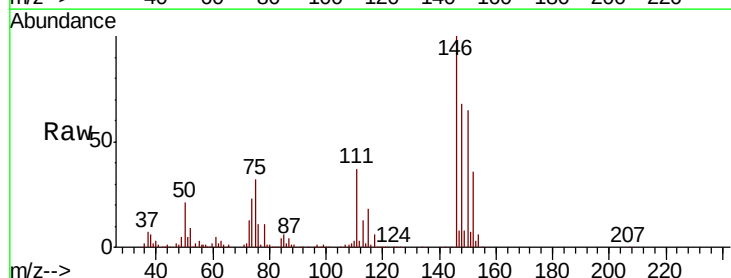
RT: 12.64 min Scan# 1218

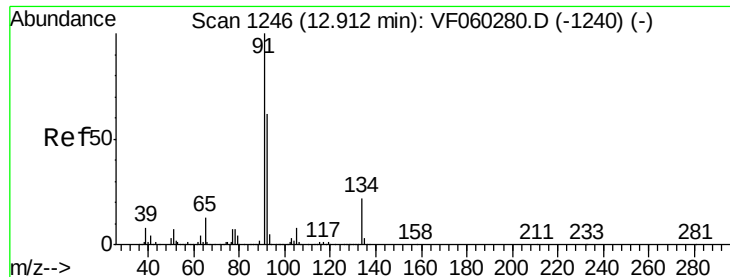
Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion:	146	Resp:	152797
Ion Ratio		Lower	Upper
146	100		
111	36.6	18.7	56.1
148	68.5	32.4	97.0





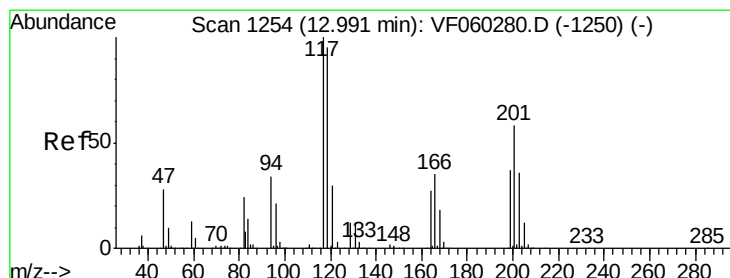
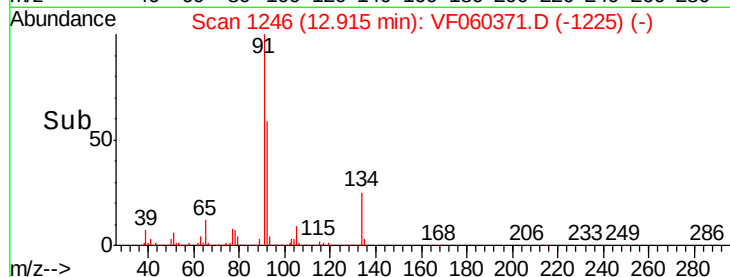
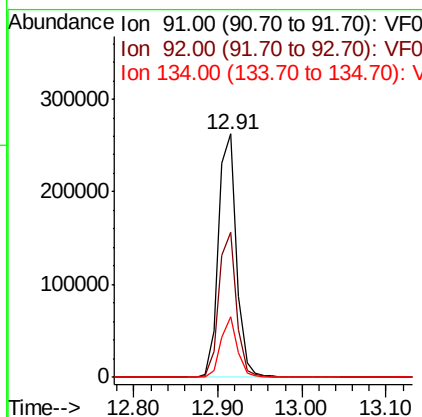
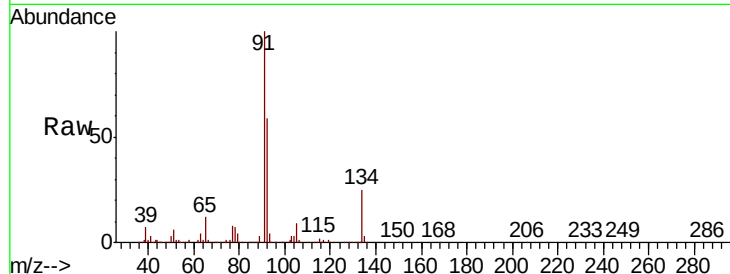
#89
n-Butylbenzene
Concen: 24.903 ug/l
RT: 12.91 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.3	31.1	93.5
134	25.0	11.0	33.0

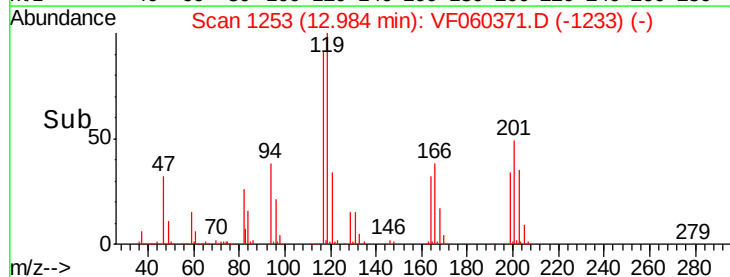
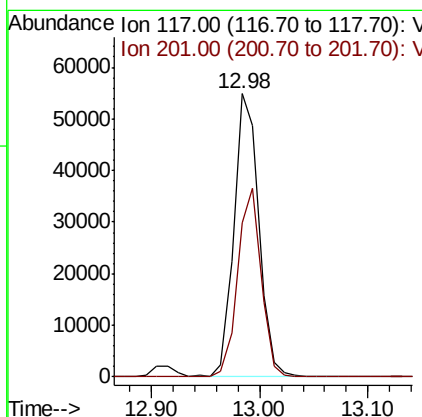
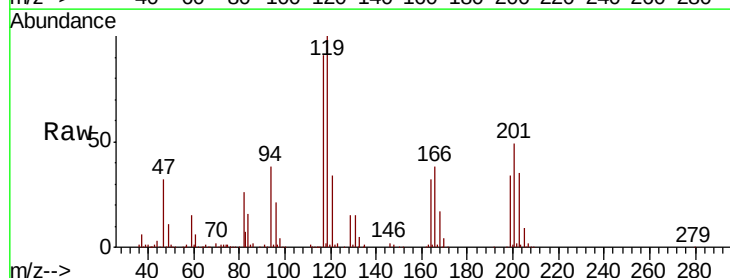
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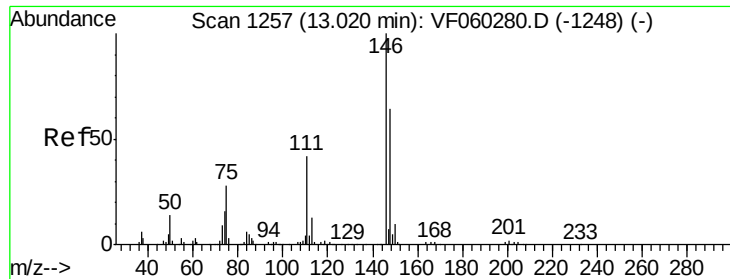
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#90
Hexachloroethane
Concen: 23.633 ug/l
RT: 12.98 min Scan# 1253
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	54.4	29.0	87.0





#91

1,2-Dichlorobenzene

Concen: 24.223 ug/l

RT: 13.01 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Instrument :

MSVOA_F

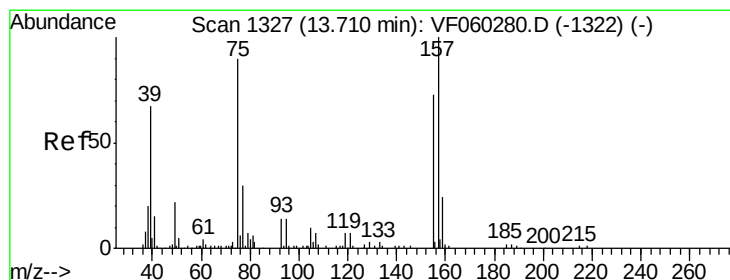
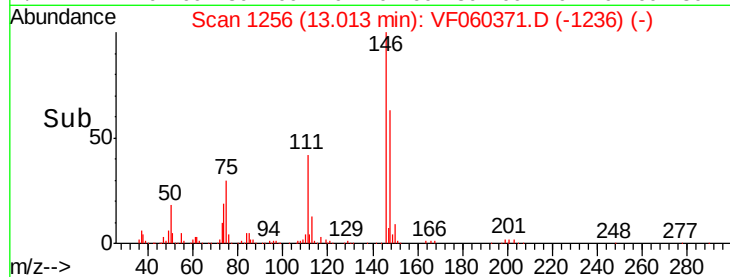
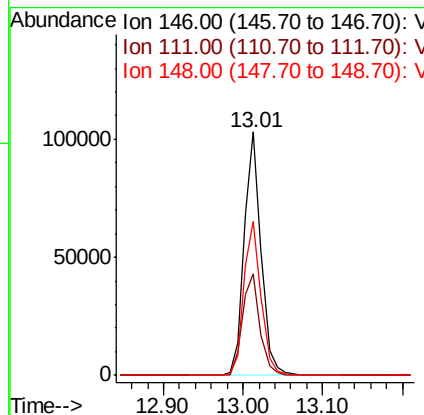
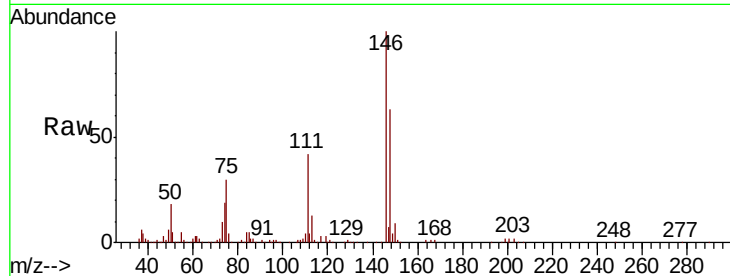
ClientSampleId :

VF0928SBS01

Tot Ion:	146	Resp:	152042
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.9	62.8
148	63.1	31.9	95.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 22.141 ug/l

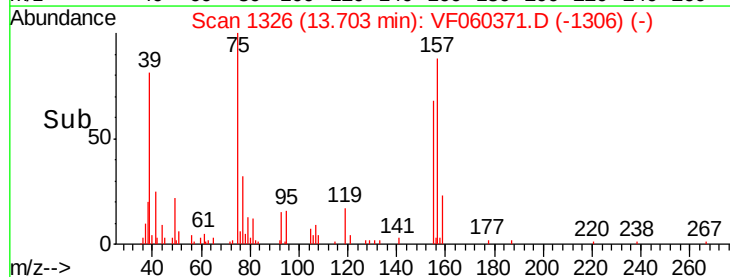
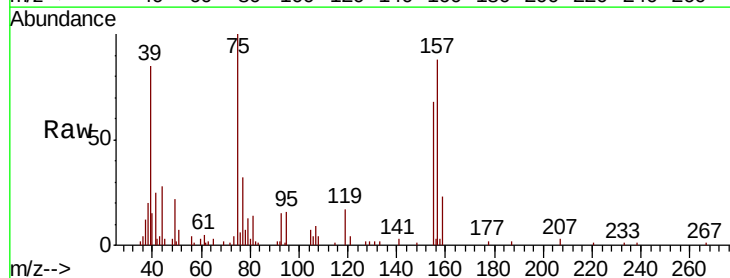
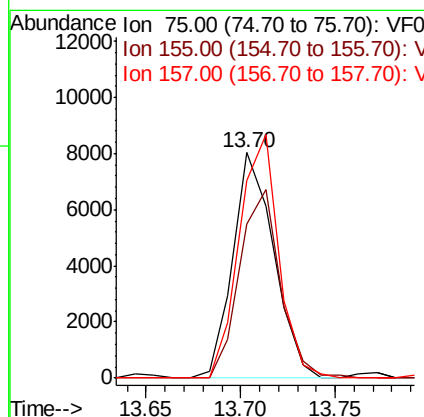
RT: 13.70 min Scan# 1326

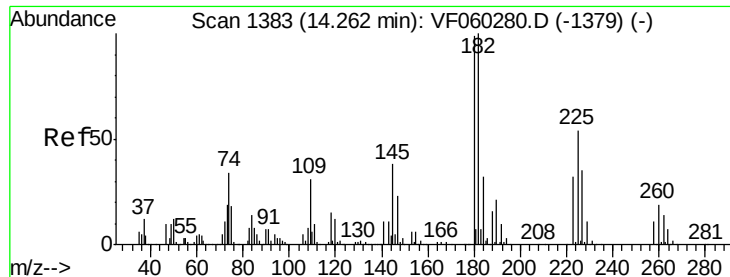
Delta R.T. -0.01 min

Lab File: VF060371.D

Acq: 28 Sep 2018 17:07

Tgt Ion:	75	Resp:	12037
Ion Ratio	Lower	Upper	
75	100		
155	68.5	41.9	125.7
157	87.6	57.4	172.0





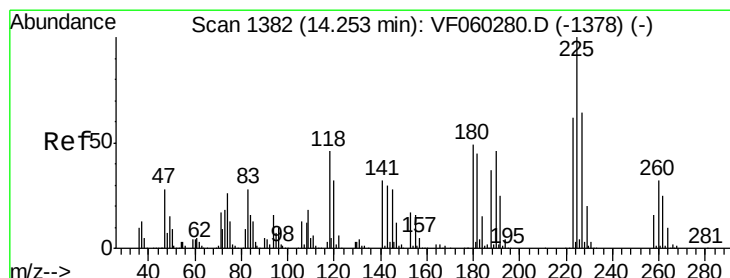
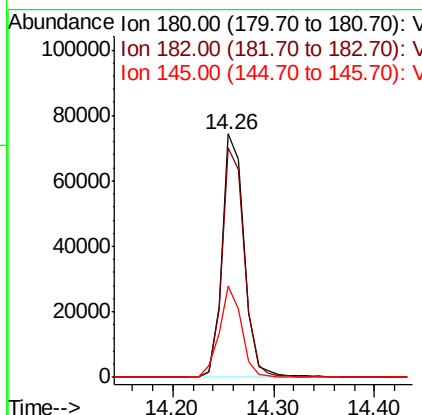
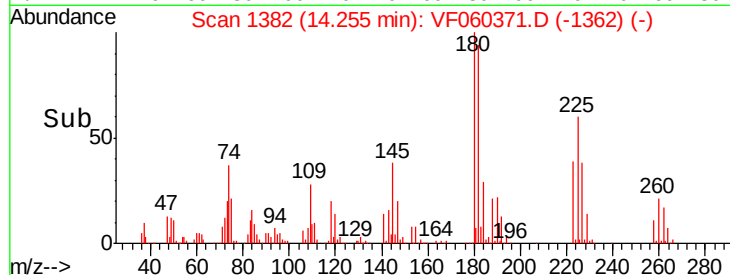
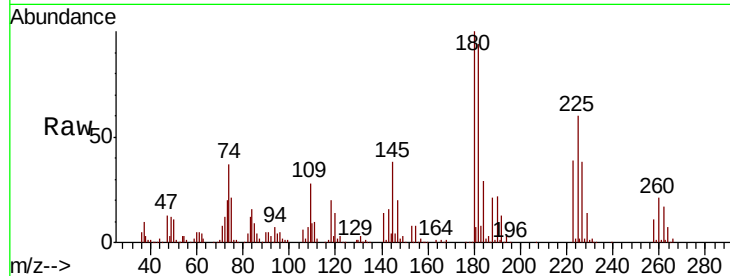
#93
 1,2,4-Trichlorobenzene
 Concen: 24.941 ug/l
 RT: 14.26 min Scan# 1382
 Delta R.T. -0.01 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Instrument :
 MSVOA_F
 ClientSampleID :
 VF0928SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	50.3	151.0	
145	37.7	18.9	56.9	

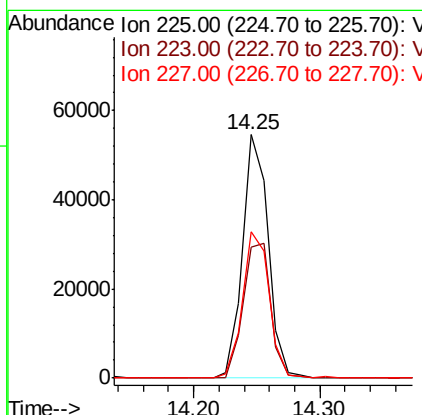
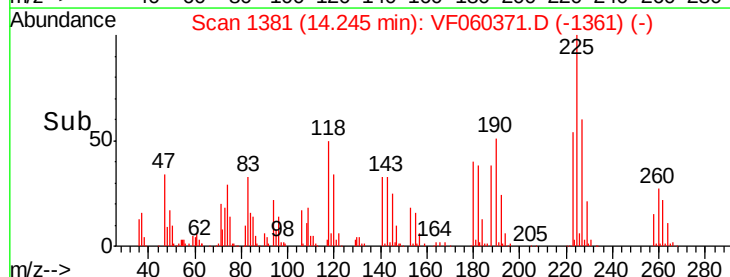
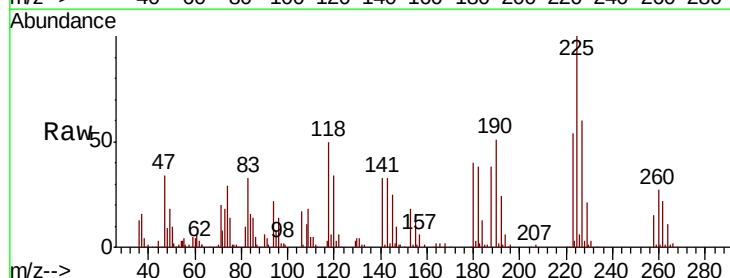
Manual Integrations
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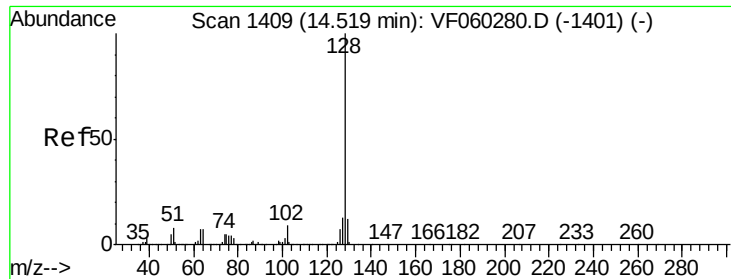
apatel
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#94
 Hexachlorobutadiene
 Concen: 24.987 ug/l
 RT: 14.25 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: VF060371.D
 Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	53.7	31.2	93.6	
227	60.2	32.2	96.6	





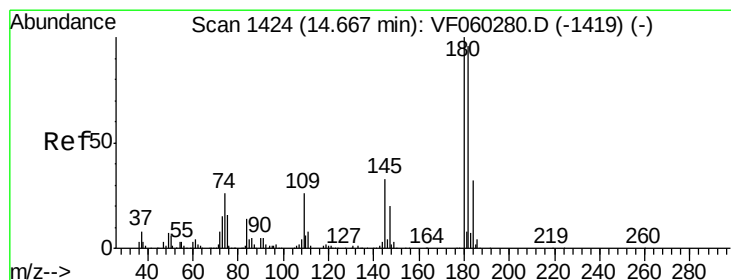
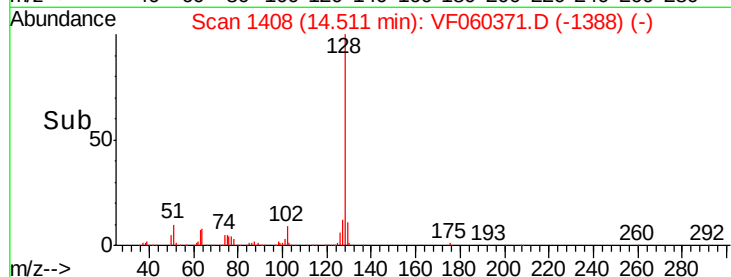
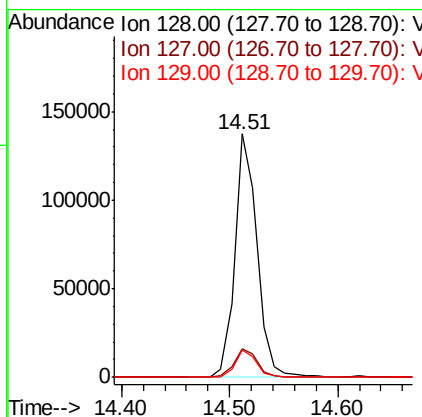
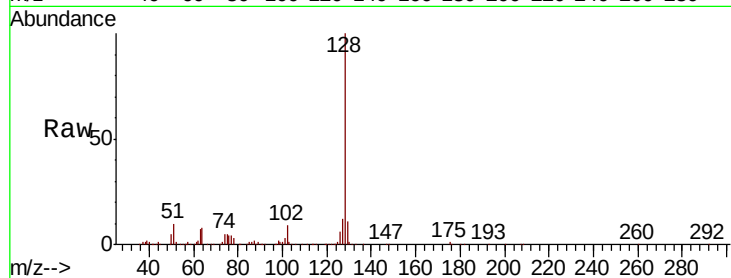
#95
Naphthalene
Concen: 24.627 ug/l
RT: 14.51 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Instrument :
MSVOA_F
ClientSampleId :
VF0928SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	196985		
127	11.7	10.1	15.1	
129	11.0	9.8	14.8	

Manual Integrations
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10/1/2018 3:03:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 25.176 ug/l
RT: 14.66 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VF060371.D
Acq: 28 Sep 2018 17:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	106134		
182	91.2	47.8	143.4	
145	33.7	16.4	49.1	

