

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_F\DATA\VF121018\
 Data File : VF060950.D
 Acq On : 10 Dec 2018 13:17
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/11/2018 11:32:11 AM

Quant Time: Dec 11 05:52:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F112618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 27 01:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.86	168	198766	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.59	114	320292	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.77	117	293875	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	12.55	152	154277	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.84	65	113078	48.29	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	96.58%	
35) Dibromofluoromethane	4.11	113	120070	47.25	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	94.50%	
50) Toluene-d8	7.55	98	346793	46.33	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	92.66%	
62) 4-Bromofluorobenzene	11.40	95	156615	46.04	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.08%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	0.97	85	121133	40.759	ug/l	93
3) Chloromethane	1.11	50	79471	41.093	ug/l	94
4) Vinyl Chloride	1.14	62	81084	44.949	ug/l	97
5) Bromomethane	1.33	94	57190	44.961	ug/l	92
6) Chloroethane	1.39	64	36639	46.987	ug/l	99
7) Trichlorofluoromethane	1.47	101	181037	46.774	ug/l	86
8) Diethyl Ether	1.63	74	26947	48.417	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	1.84	101	91664	46.846	ug/l	94
10) Methyl Iodide	1.91	142	142194m	47.809	ug/l	
11) Tert butyl alcohol	2.57	59	22526	234.682	ug/l	100
12) 1,1-Dichloroethene	1.80	96	71960	45.722	ug/l	98
13) Acrolein	1.99	56	19505	214.476	ug/l	86
14) Allyl chloride	2.09	41	87528	44.620	ug/l	96
15) Acrylonitrile	2.94	53	49293	229.067	ug/l	97
16) Acetone	2.23	43	128743	298.160	ug/l	99
17) Carbon Disulfide	1.84	76	176256m	41.768	ug/l	
18) Methyl Acetate	2.34	43	40319	55.851	ug/l	97
19) Methyl tert-butyl Ether	2.43	73	172072	48.543	ug/l	100
20) Methylene Chloride	2.26	84	71587m	45.192	ug/l	
21) trans-1,2-Dichloroethene	2.30	96	72127m	47.536	ug/l	
22) Diisopropyl ether	2.79	45	253706	47.514	ug/l	99
23) Vinyl Acetate	3.18	43	617253	252.891	ug/l	98
24) 1,1-Dichloroethane	2.86	63	158318	49.835	ug/l	98
25) 2-Butanone	4.33	43	190988	255.725	ug/l	99
26) 2,2-Dichloropropane	3.59	77	102894	49.958	ug/l	97
27) cis-1,2-Dichloroethene	3.46	96	121353	49.127	ug/l	96
28) Bromochloromethane	3.71	49	69709	45.721	ug/l	93
29) Tetrahydrofuran	4.07	42	67441	213.031	ug/l	98
30) Chloroform	3.86	83	234631	47.988	ug/l	99
31) Cyclohexane	3.68	56	144576m	43.851	ug/l	
32) 1,1,1-Trichloroethane	4.09	97	136753	40.330	ug/l	97
36) 1,1-Dichloropropene	4.27	75	167821	47.239	ug/l	99
37) Ethyl Acetate	4.11	43	63159	43.749	ug/l	99
38) Carbon Tetrachloride	3.99	117	137081	43.687	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.45	83	171383	46.033	ug/l	96
40) Benzene	4.63	78	357724	45.580	ug/l	100
41) Methacrylonitrile	4.74	41	35712	47.591	ug/l	92
42) 1,2-Dichloroethane	4.93	62	142863	49.860	ug/l	97
43) Isopropyl Acetate	6.96	43	85481	47.874	ug/l #	95
44) Trichloroethene	5.50	130	123737	48.219	ug/l	99
45) 1,2-Dichloropropane	6.23	63	99343	48.738	ug/l	92
46) Dibromomethane	6.08	93	66566	48.141	ug/l	97
47) Bromodichloromethane	6.38	83	186811	50.867	ug/l	99
48) Methyl methacrylate	6.71	41	60094	45.986	ug/l	92
49) 1,4-Dioxane	6.70	88	9687	1012.874	ug/l	92
51) 4-Methyl-2-Pentanone	8.26	43	306287	230.067	ug/l	100
52) Toluene	7.62	92	247893	44.967	ug/l	98
53) t-1,3-Dichloropropene	8.28	75	145852	48.825	ug/l	96
54) cis-1,3-Dichloropropene	7.29	75	174274	47.124	ug/l	99
55) 1,1,2-Trichloroethane	8.48	97	74865	46.605	ug/l	97
56) Ethyl methacrylate	8.61	69	85520	47.925	ug/l	94
57) 1,3-Dichloropropane	8.85	76	133698	47.573	ug/l	95
58) 2-Chloroethyl Vinyl ether	7.29	63	54331	297.664	ug/l	95
59) 2-Hexanone	9.49	43	230746	247.055	ug/l	96
60) Dibromochloromethane	8.71	129	114903	48.008	ug/l	100
61) 1,2-Dibromoethane	8.98	107	82285	47.418	ug/l	98
64) Tetrachloroethene	8.15	164	104692	46.641	ug/l	96
65) Chlorobenzene	9.80	112	284952	49.843	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.93	131	125003	50.861	ug/l	97
67) Ethyl Benzene	9.90	91	510948	48.006	ug/l	97
68) m/p-Xylenes	10.13	106	349200	91.223	ug/l	99
69) o-Xylene	10.70	106	195146	46.230	ug/l	88
70) Styrene	10.78	104	278041	47.517	ug/l	98
71) Bromoform	10.77	173	56399	47.508	ug/l	99
73) Isopropylbenzene	11.12	105	610959	50.112	ug/l	99
74) N-amyl acetate	11.37	43	132481	47.058	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.69	83	97782	48.732	ug/l	100
76) 1,2,3-Trichloropropane	11.79	75	71700	49.162	ug/l	99
77) Bromobenzene	11.49	156	121280	45.374	ug/l	86
78) n-propylbenzene	11.59	91	679643	47.602	ug/l	96
79) 2-Chlorotoluene	11.72	91	405317	49.510	ug/l	99
80) 1,3,5-Trimethylbenzene	11.82	105	473078	47.798	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.87	75	34807m	48.709	ug/l	
82) 4-Chlorotoluene	11.90	91	403828	46.873	ug/l	96
83) tert-Butylbenzene	12.12	119	511891	50.773	ug/l	97
84) 1,2,4-Trimethylbenzene	12.20	105	484047	49.003	ug/l	100
85) sec-Butylbenzene	12.30	105	680782	49.327	ug/l	98
86) p-Isopropyltoluene	12.46	119	538114	46.505	ug/l	100
87) 1,3-Dichlorobenzene	12.47	146	231914	45.614	ug/l	97
88) 1,4-Dichlorobenzene	12.56	146	235792	47.589	ug/l	96
89) n-Butylbenzene	12.84	91	579730	49.548	ug/l	97
90) Hexachloroethane	12.91	117	143020	51.329	ug/l	93
91) 1,2-Dichlorobenzene	12.94	146	232211	48.229	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.63	75	19344	49.864	ug/l	65

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.20	180	162093	48.182	ug/l	98
94) Hexachlorobutadiene	14.19	225	113316	50.528	ug/l	97
95) Naphthalene	14.45	128	307796	46.923	ug/l	100
96) 1,2,3-Trichlorobenzene	14.60	180	155754	49.862	ug/l	98

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

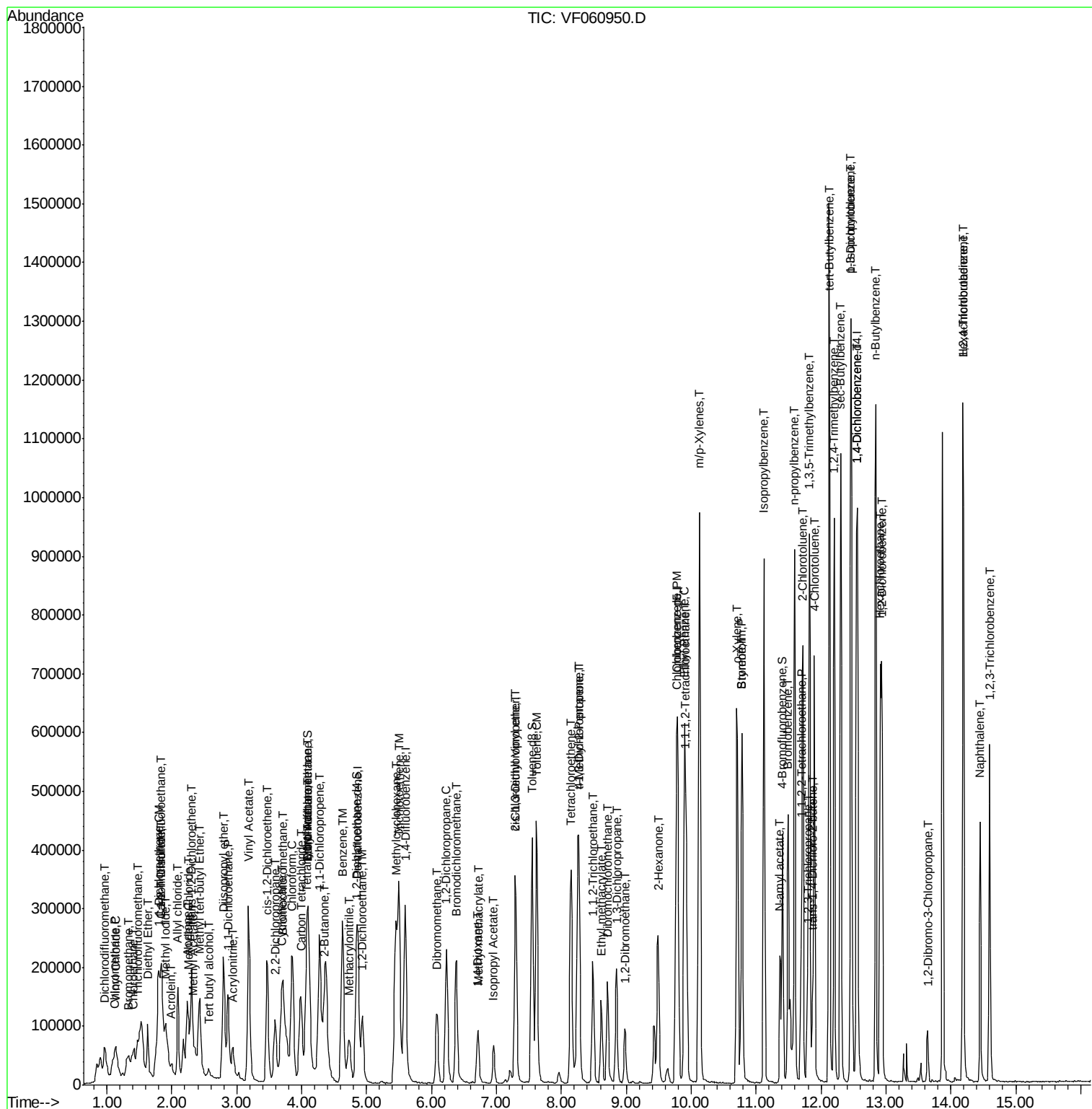
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Data File : VF060950.D
Acq On : 10 Dec 2018 13:17
Operator : VA/AP
Sample : VSTCCCC050
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 2 Sample Multiplier: 1

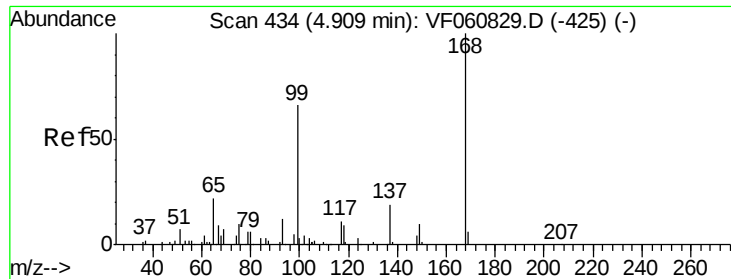
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MSVOA_F
ClientSampleId :
VSTCCCC050

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.04 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 198766

Ion Ratio Lower Upper

168 100

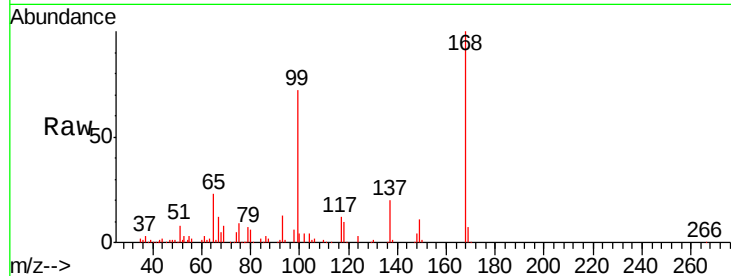
99 71.6 52.6 79.0

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

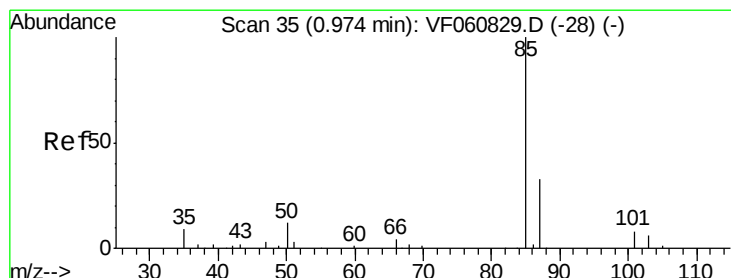
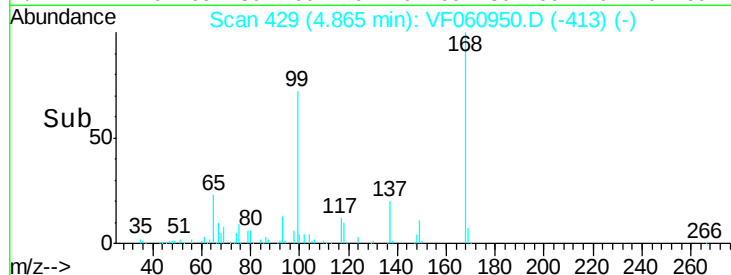
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 40.759 ug/l

RT: 0.97 min Scan# 34

Delta R.T. -0.01 min

Lab File: VF060950.D

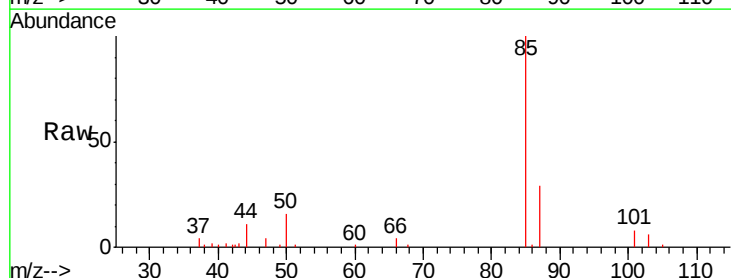
Acq: 10 Dec 2018 13:17

Tgt Ion: 85 Resp: 121133

Ion Ratio Lower Upper

85 100

87 29.4 16.7 50.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.97

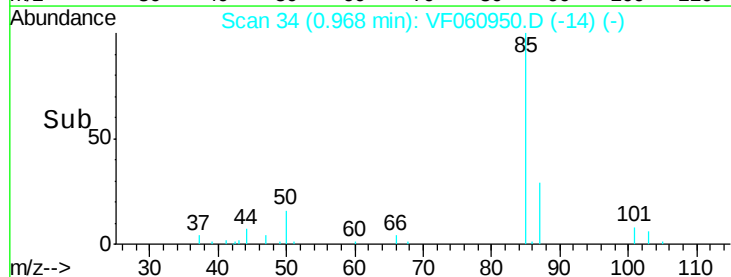
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20000

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Time-->





#3

Chloromethane

Concen: 41.093 ug/l

RT: 1.11 min Scan# 48

Delta R.T. 0.00 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 79471

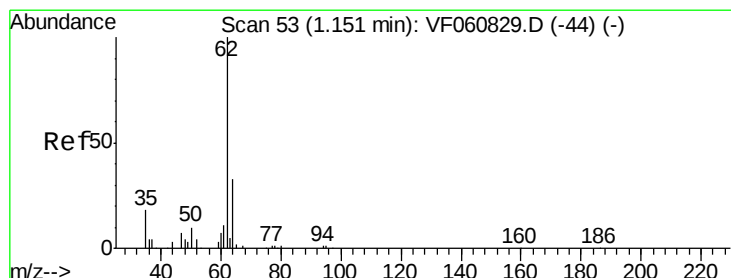
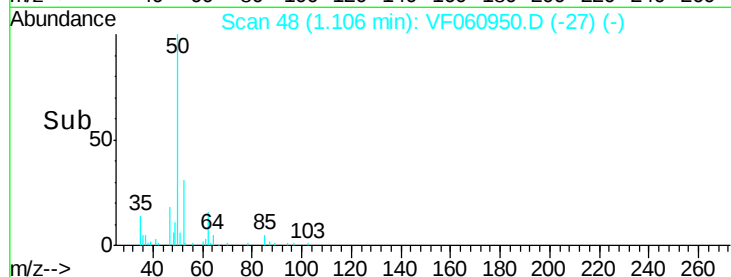
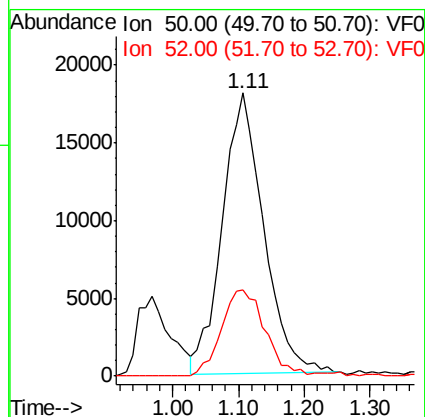
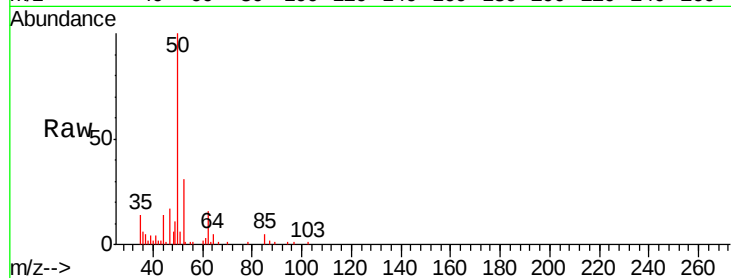
Ion Ratio Lower Upper

50 100

52 30.5 27.0 40.4

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#4

Vinyl Chloride

Concen: 44.949 ug/l

RT: 1.14 min Scan# 51

Delta R.T. -0.02 min

Lab File: VF060950.D

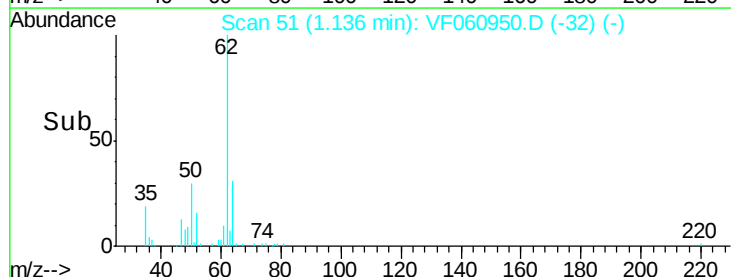
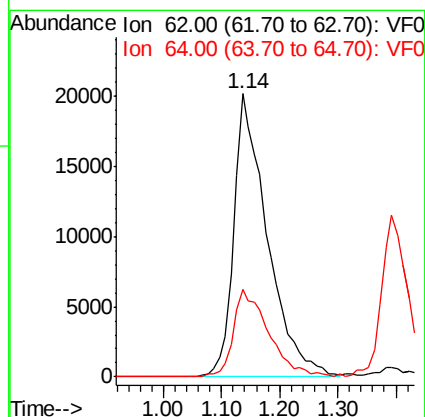
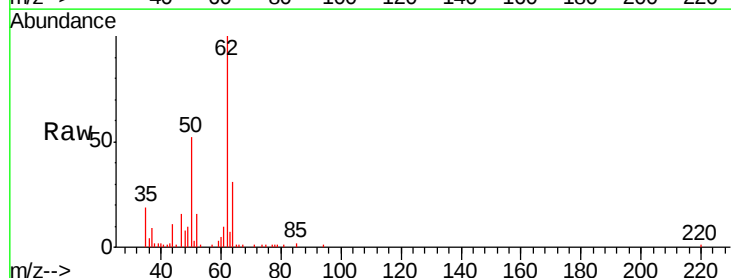
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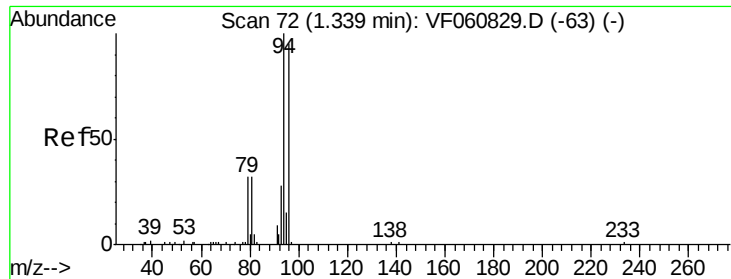
Tgt Ion: 62 Resp: 81084

Ion Ratio Lower Upper

62 100

64 31.1 26.4 39.6





#5

Bromomethane

Concen: 44.961 ug/l

RT: 1.33 min Scan# 71

Delta R.T. -0.01 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

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ClientSampleId :

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Tgt Ion: 94 Resp: 57190

Ion Ratio Lower Upper

94 100

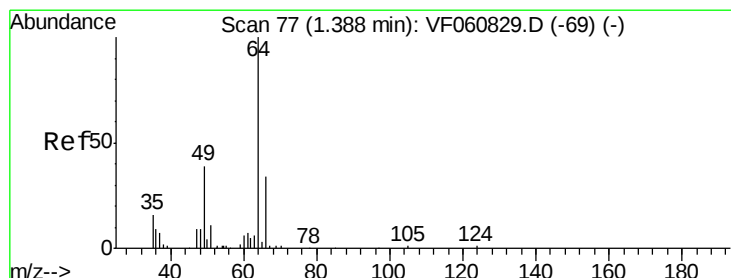
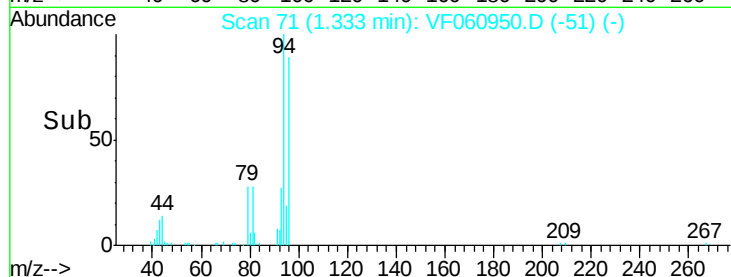
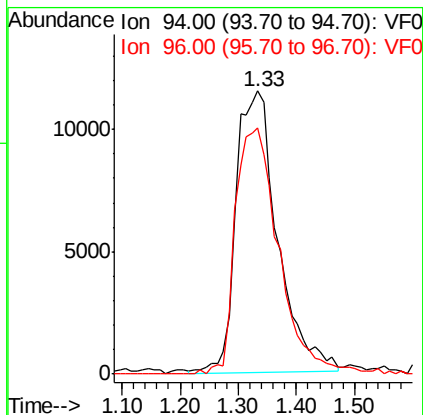
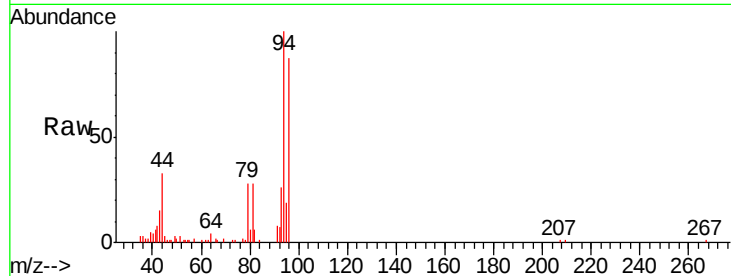
96 87.2 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 46.987 ug/l

RT: 1.39 min Scan# 77

Delta R.T. 0.00 min

Lab File: VF060950.D

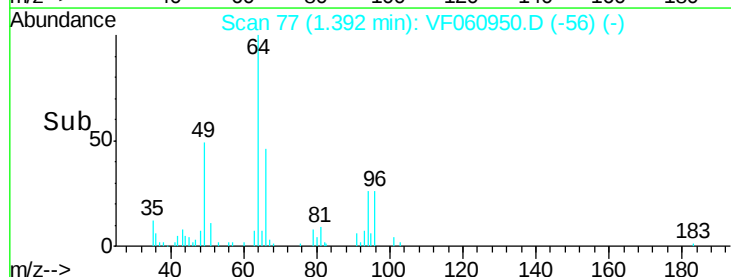
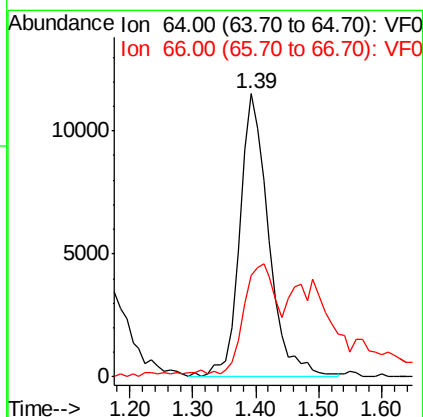
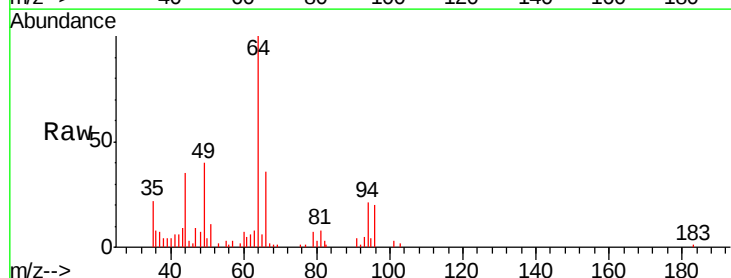
Acq: 10 Dec 2018 13:17

Tgt Ion: 64 Resp: 36639

Ion Ratio Lower Upper

64 100

66 35.9 28.1 42.1





#7

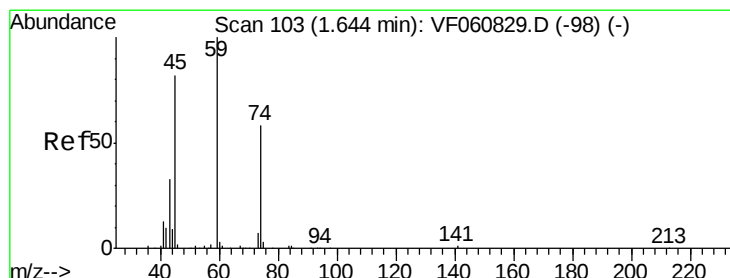
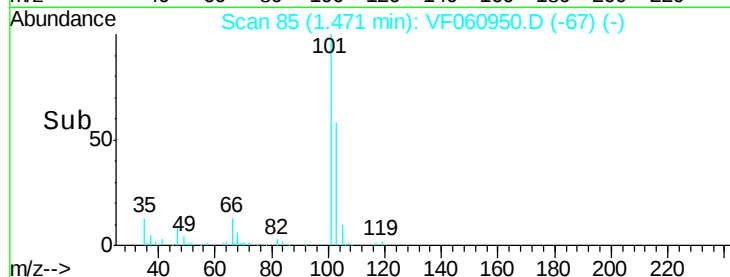
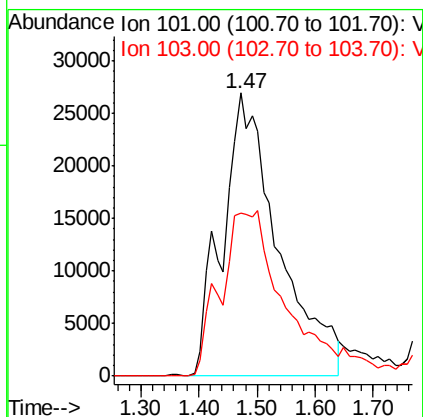
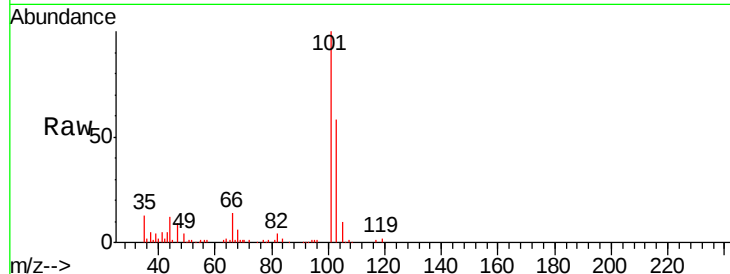
Trichlorofluoromethane
Concen: 46.774 ug/l
RT: 1.47 min Scan# 85
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 181037
Ion Ratio Lower Upper
101 100
103 57.6 55.4 83.0

Manual Integrations
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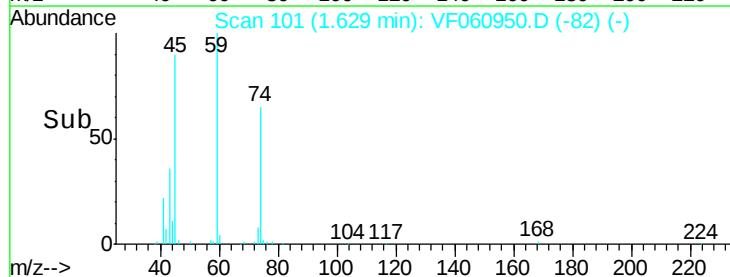
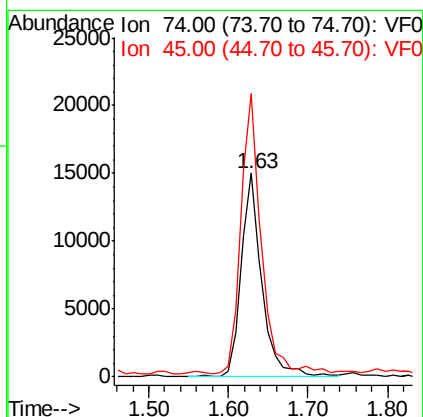
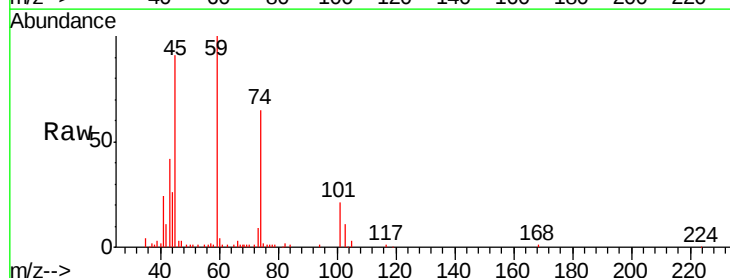
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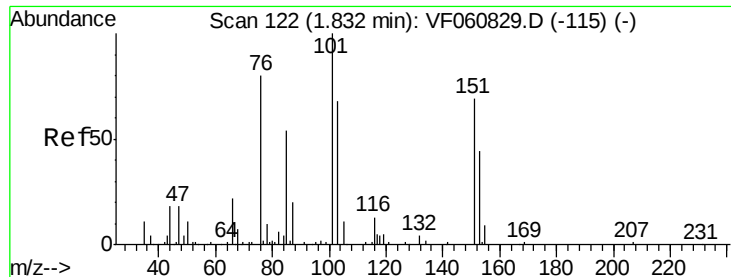


#8

Diethyl Ether
Concen: 48.417 ug/l
RT: 1.63 min Scan# 101
Delta R.T. -0.02 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion: 74 Resp: 26947
Ion Ratio Lower Upper
74 100
45 139.1 71.0 212.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.846 ug/l

RT: 1.84 min Scan# 122

Delta R.T. 0.00 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

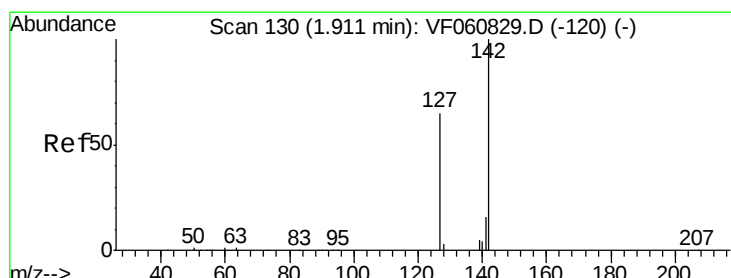
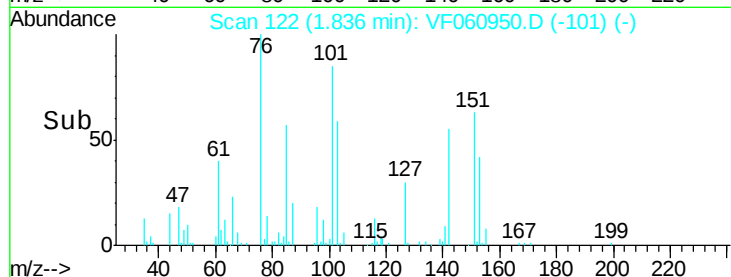
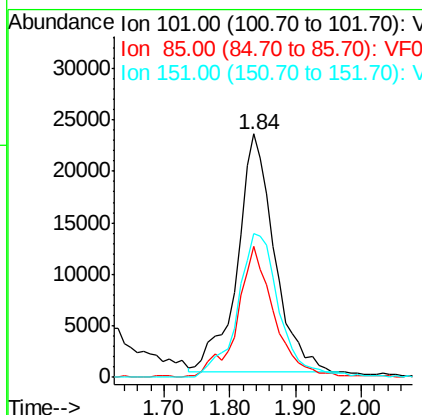
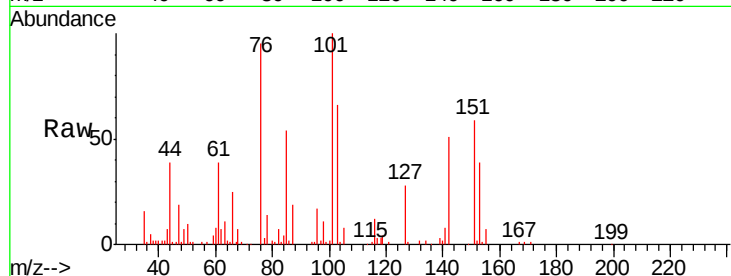
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	91664
Ion Ratio	Lower	Upper	
101	100		
85	53.9	42.8	64.2
151	59.1	54.4	81.6

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#10

Methyl Iodide

Concen: 47.809 ug/l m

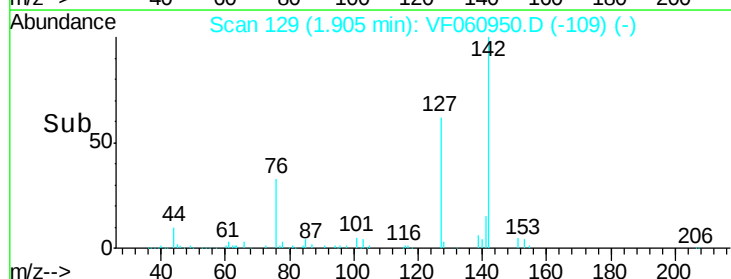
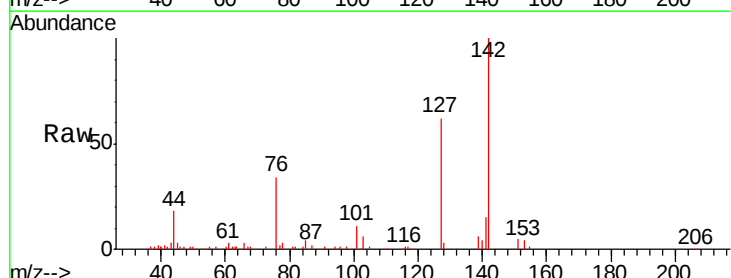
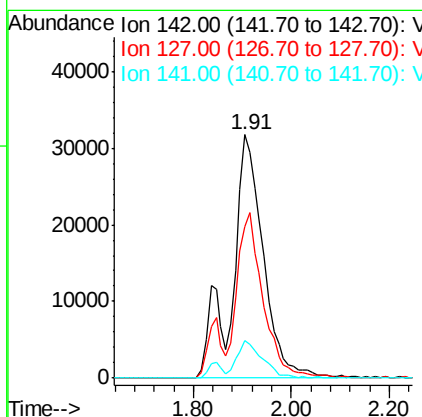
RT: 1.91 min Scan# 129

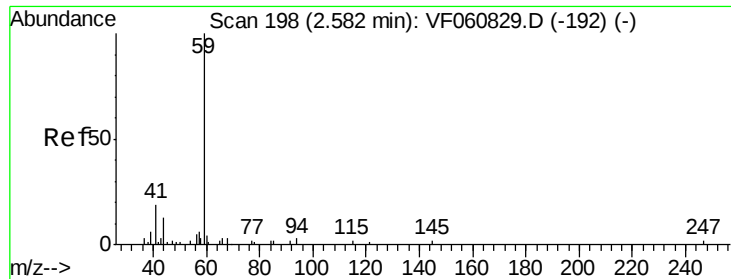
Delta R.T. -0.01 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Tgt Ion:	142	Resp:	142194
Ion Ratio	Lower	Upper	
142	100		
127	62.4	51.9	77.9
141	15.3	12.7	19.1





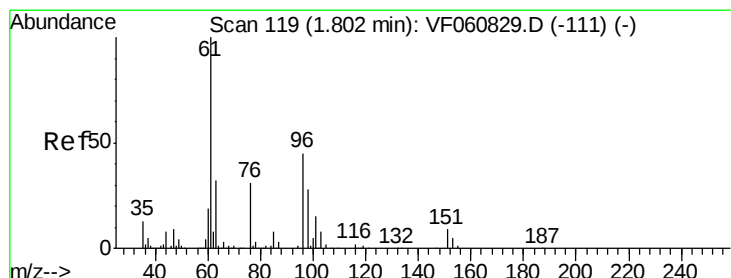
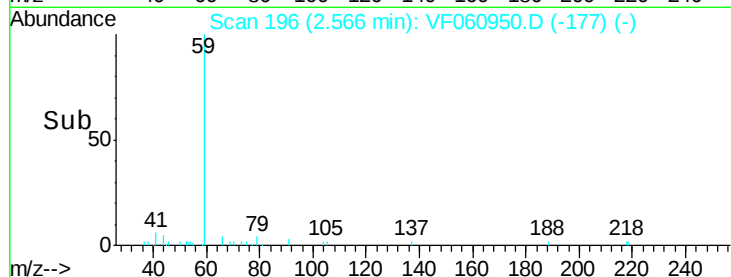
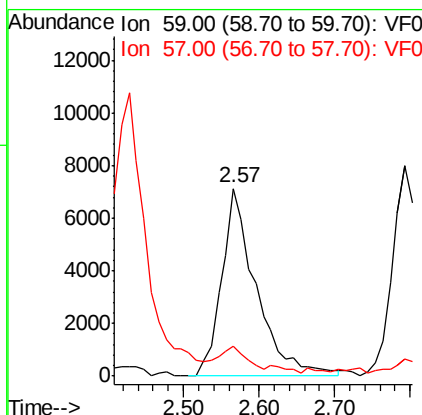
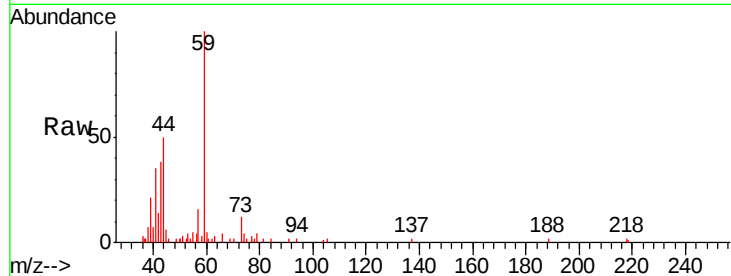
#11
Tert butyl alcohol
Concen: 234.682 ug/l
RT: 2.57 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 22526
Ion Ratio Lower Upper
59 100
57 16.1 12.7 19.1

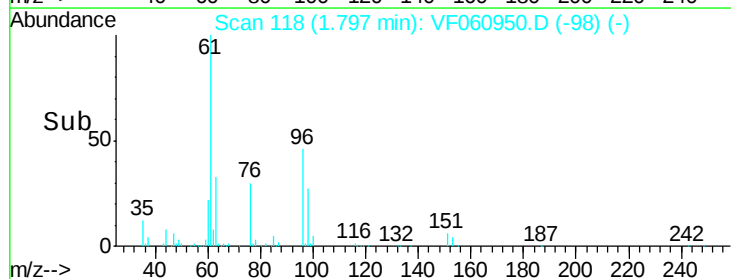
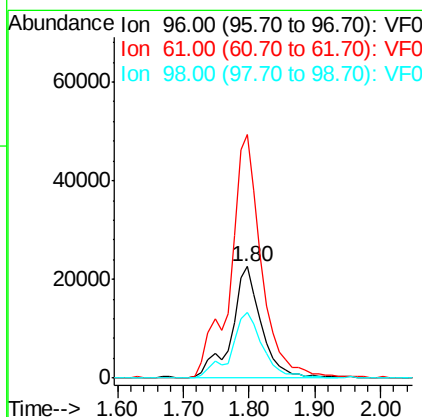
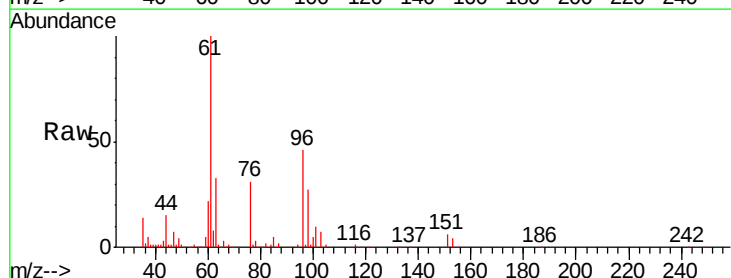
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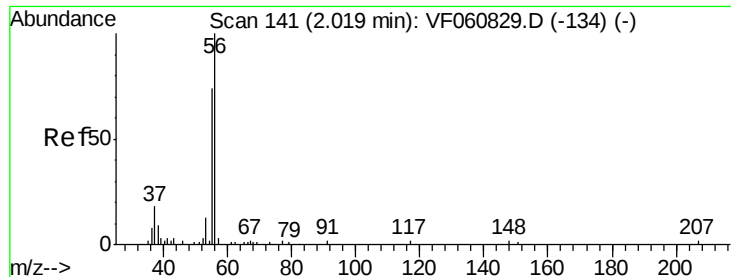
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#12
1,1-Dichloroethene
Concen: 45.722 ug/l
RT: 1.80 min Scan# 118
Delta R.T. -0.01 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion: 96 Resp: 71960
Ion Ratio Lower Upper
96 100
61 218.5 177.3 265.9
98 58.9 49.6 74.4





#13

Acrolein

Concen: 214.476 ug/l

RT: 1.99 min Scan# 138

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 19505

Ion Ratio Lower Upper

56 100

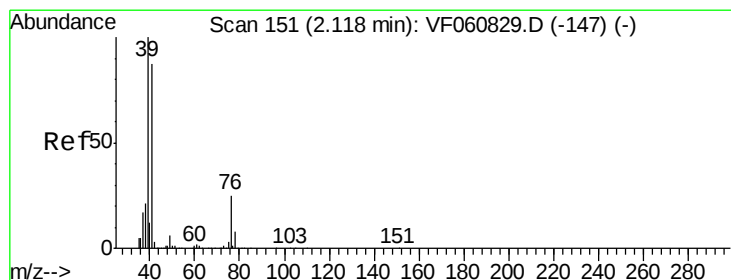
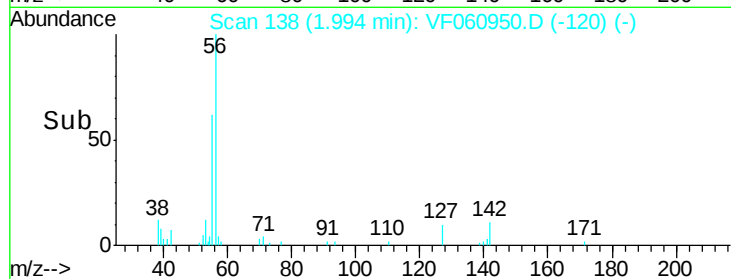
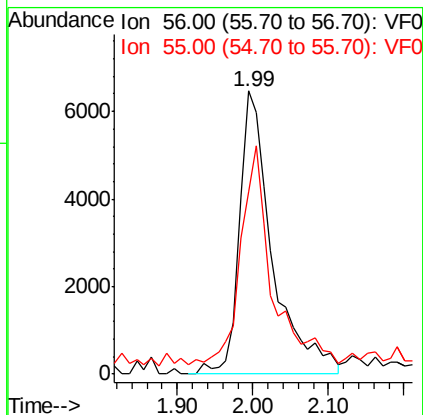
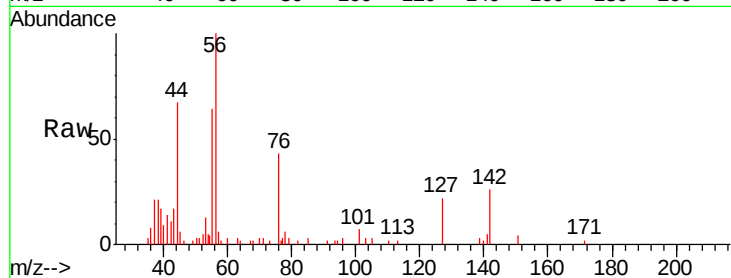
55 64.5 61.2 91.8

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#14

Allyl chloride

Concen: 44.620 ug/l

RT: 2.09 min Scan# 148

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

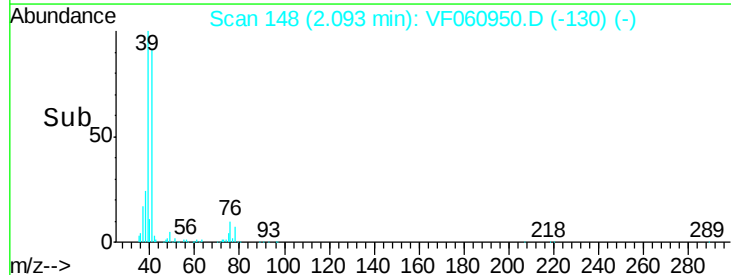
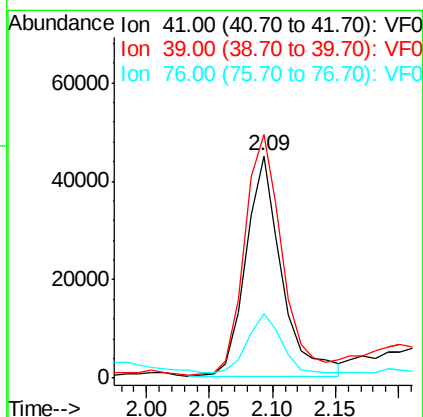
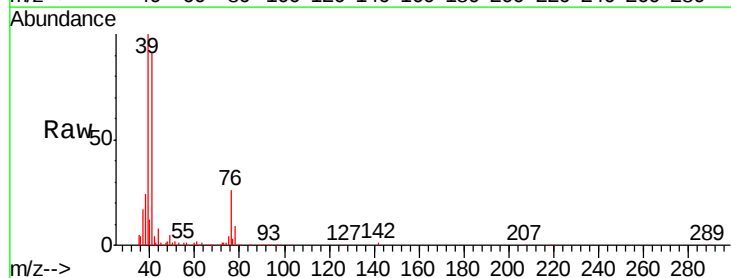
Tgt Ion: 41 Resp: 87528

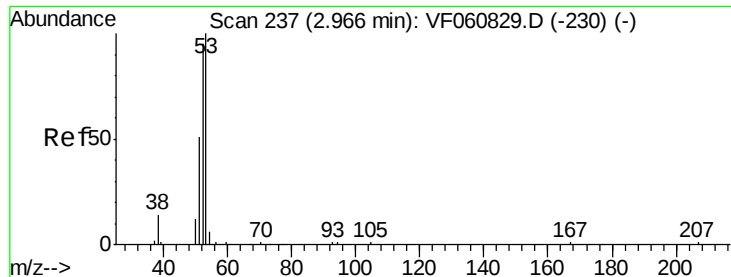
Ion Ratio Lower Upper

41 100

39 109.7 91.7 137.5

76 28.9 23.5 35.3





#15

Acrylonitrile

Concen: 229.067 ug/l

RT: 2.94 min Scan# 234

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

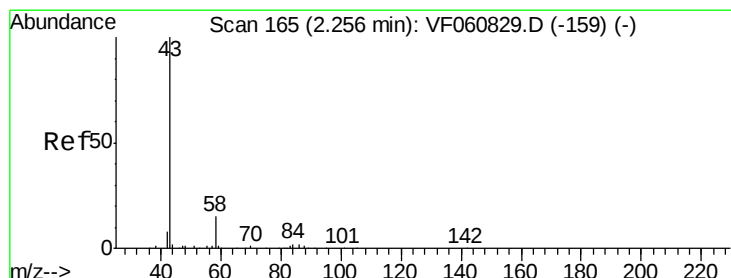
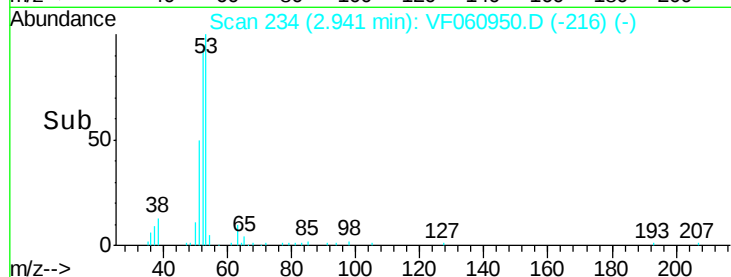
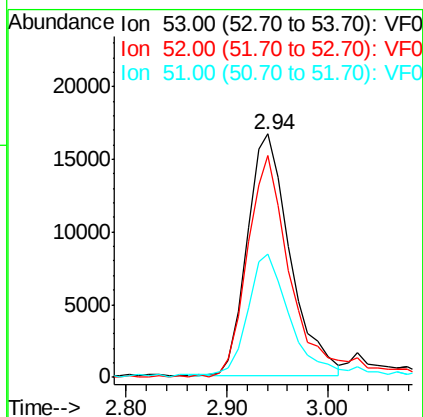
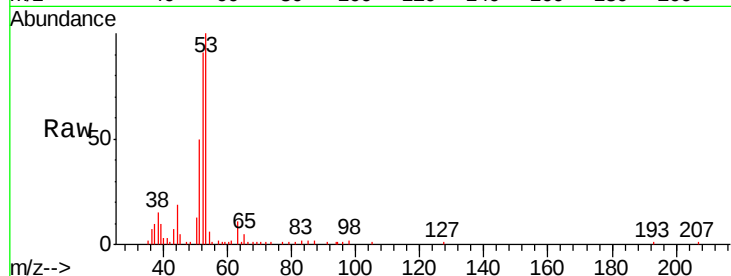
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	49293
Ion	Ratio	Lower	Upper
53	100		
52	91.2	76.5	114.7
51	50.4	40.7	61.1

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#16

Acetone

Concen: 298.160 ug/l

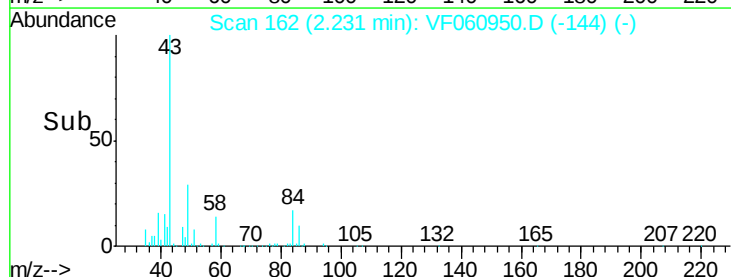
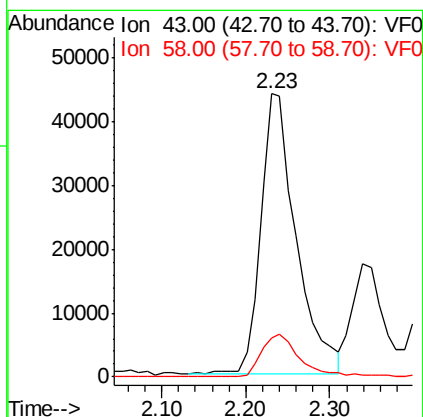
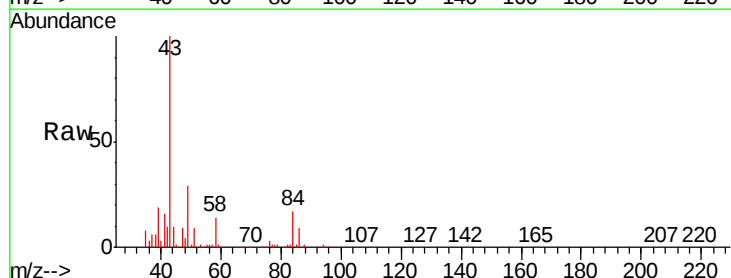
RT: 2.23 min Scan# 162

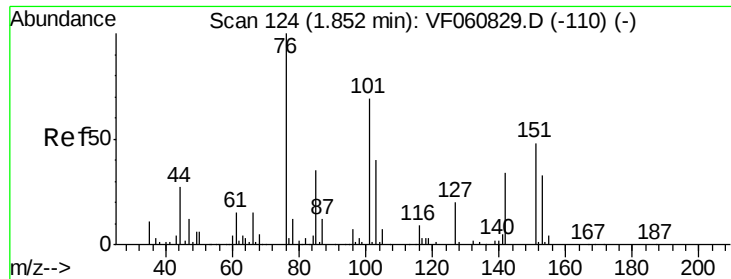
Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Tgt Ion:	43	Resp:	128743
Ion	Ratio	Lower	Upper
43	100		
58	14.0	11.4	17.2





#17

Carbon Disulfide

Concen: 41.768 ug/l m

RT: 1.84 min Scan# 122

Delta R.T. -0.02 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Tgt Ion: 76 Resp: 176256

Ion Ratio Lower Upper

76 100

78 14.6 10.2 15.2

Instrument :

MSVOA_F

ClientSampleId :

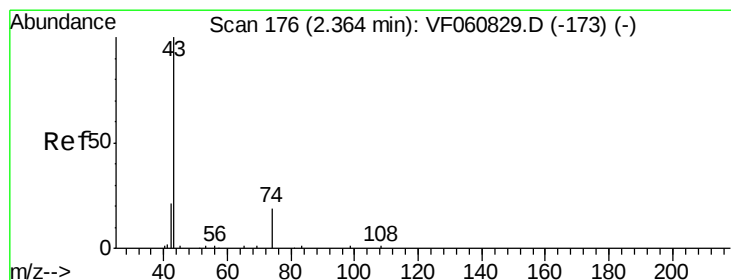
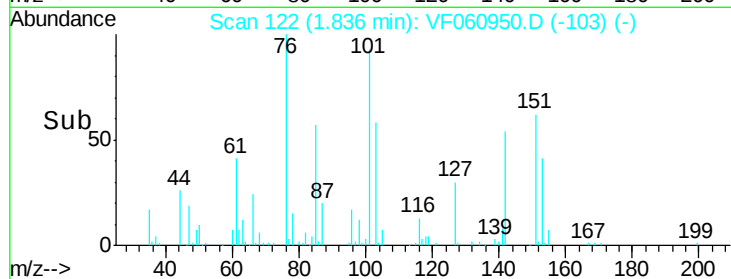
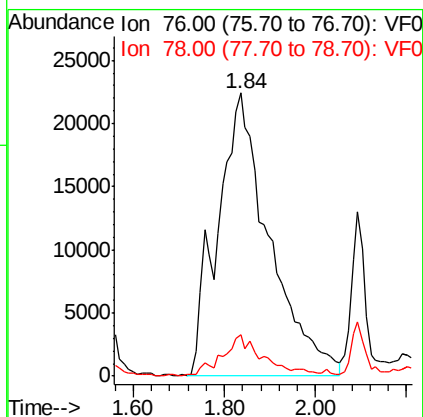
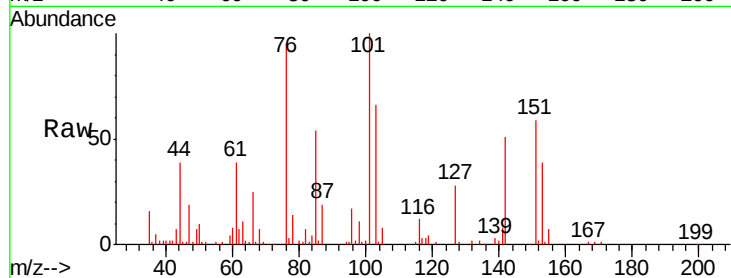
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#18

Methyl Acetate

Concen: 55.851 ug/l

RT: 2.34 min Scan# 173

Delta R.T. -0.02 min

Lab File: VF060950.D

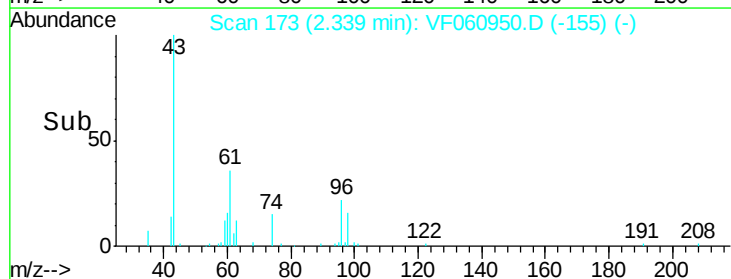
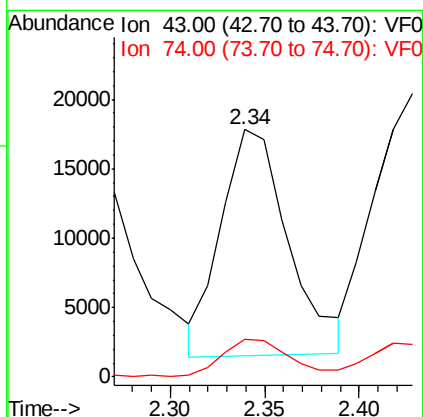
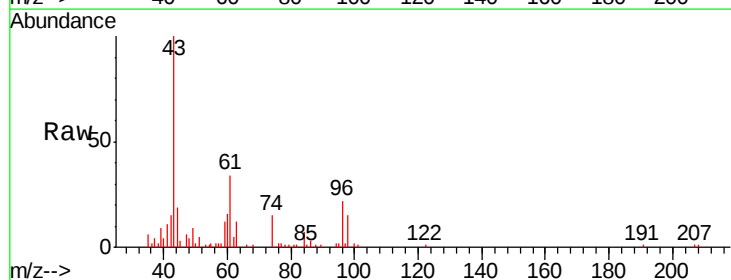
Acq: 10 Dec 2018 13:17

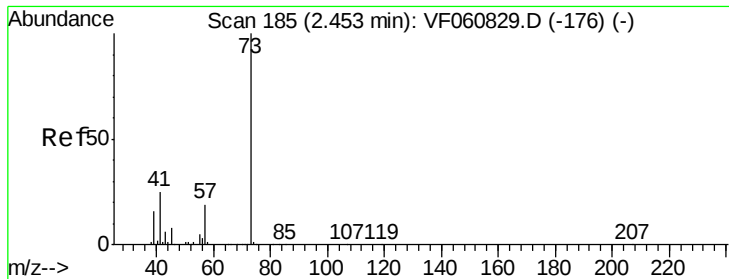
Tgt Ion: 43 Resp: 40319

Ion Ratio Lower Upper

43 100

74 15.5 13.3 19.9





#19

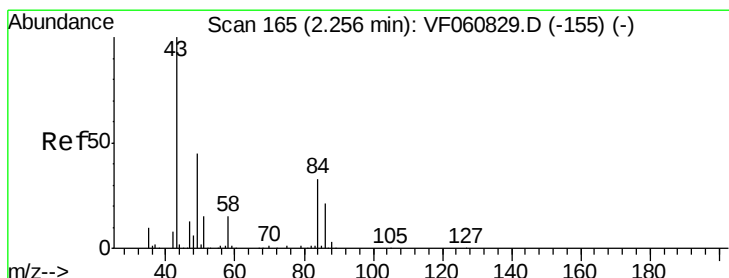
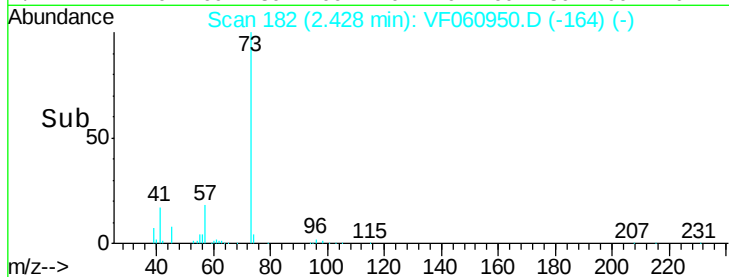
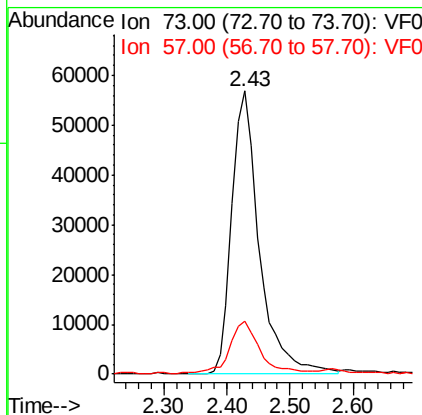
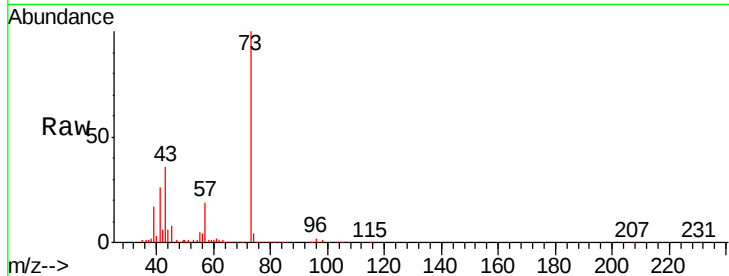
Methyl tert-butyl Ether
 Concen: 48.543 ug/l
 RT: 2.43 min Scan# 182
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 73 Resp: 172072
 Ion Ratio Lower Upper
 73 100
 57 18.9 15.3 22.9

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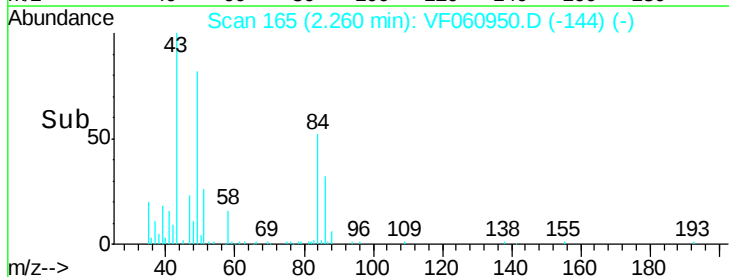
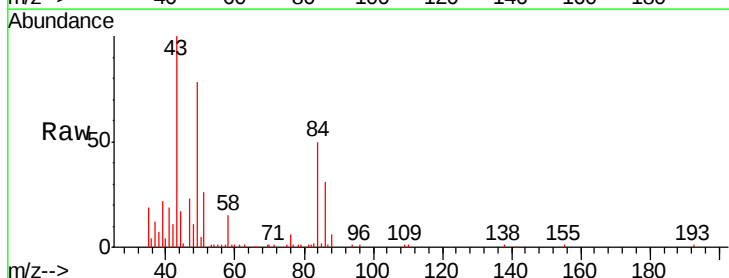
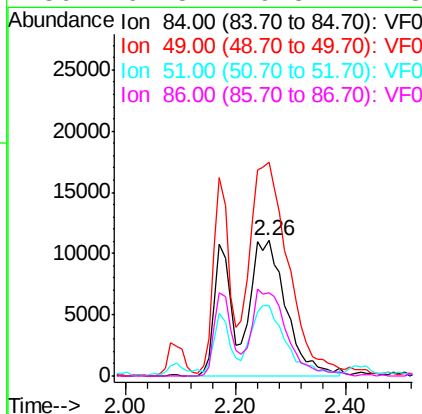
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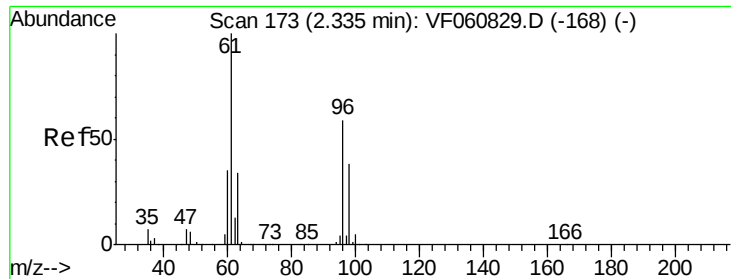


#20

Methylene Chloride
 Concen: 45.192 ug/l m
 RT: 2.26 min Scan# 165
 Delta R.T. 0.00 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Tgt Ion: 84 Resp: 71587
 Ion Ratio Lower Upper
 84 100
 49 158.1 111.3 166.9
 51 52.6 38.0 57.0
 86 61.8 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 47.536 ug/l m

RT: 2.30 min Scan# 169

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

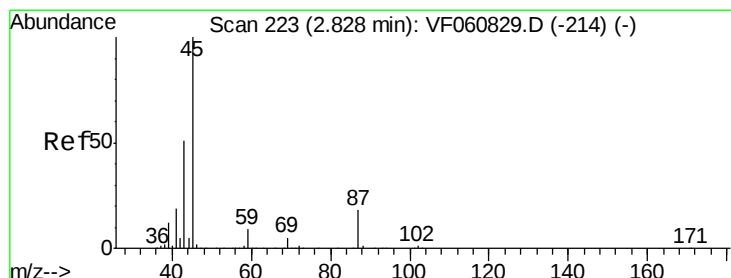
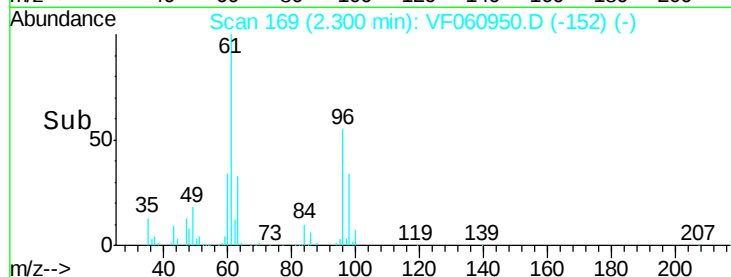
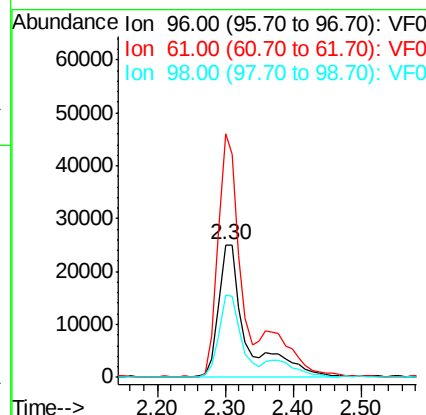
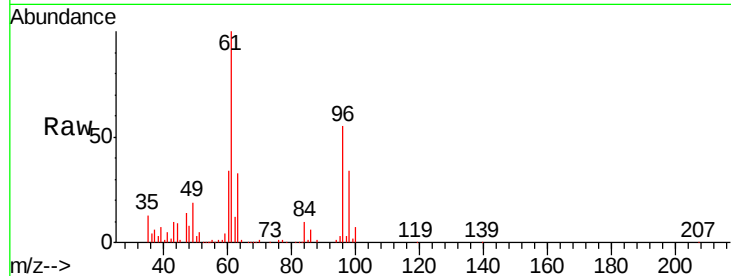
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	72127
Ion	Ratio	Lower	Upper
96	100		
61	183.4	134.5	201.7
98	62.0	51.6	77.4

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#22

Diisopropyl ether

Concen: 47.514 ug/l

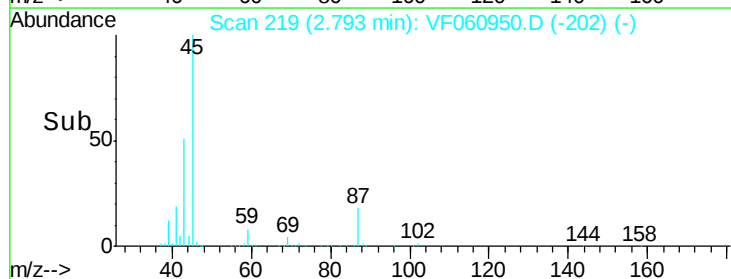
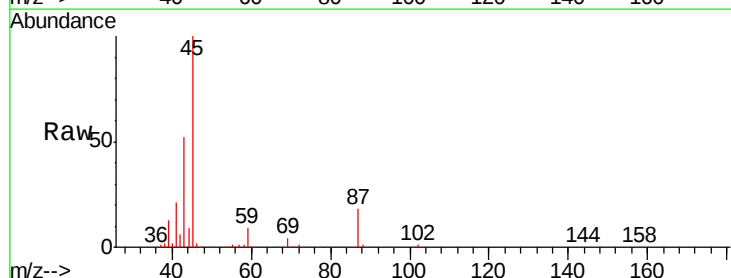
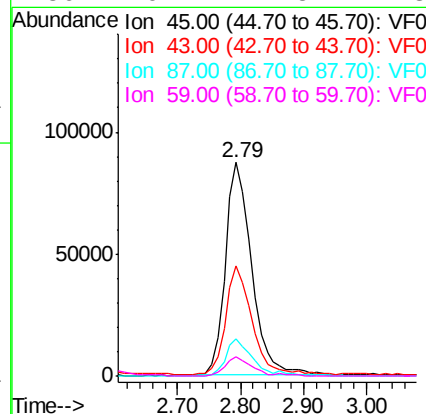
RT: 2.79 min Scan# 219

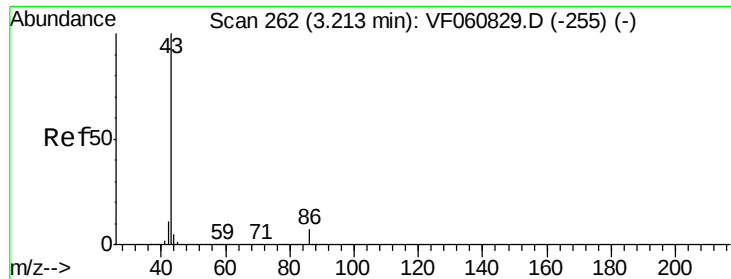
Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Tgt Ion:	45	Resp:	253706
Ion	Ratio	Lower	Upper
45	100		
43	51.8	41.0	61.6
87	17.7	14.6	22.0
59	9.1	7.5	11.3





#23

Vinyl Acetate

Concen: 252.891 ug/l

RT: 3.18 min Scan# 258

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 617253

Ion Ratio Lower Upper

43 100

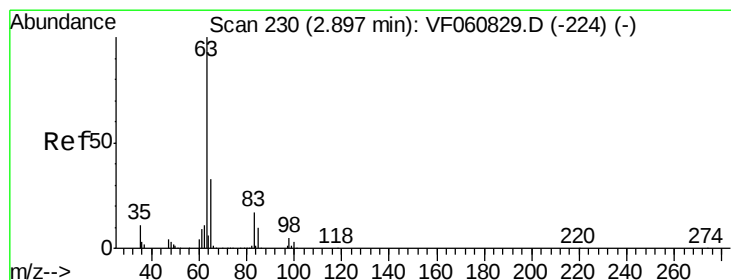
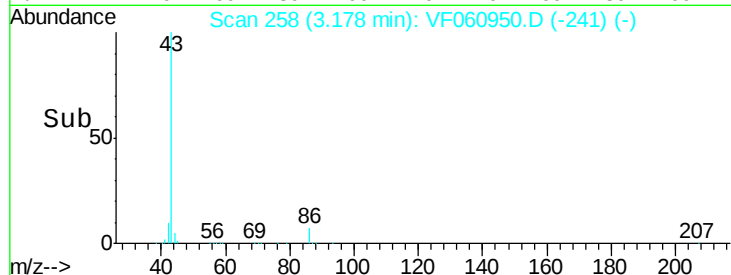
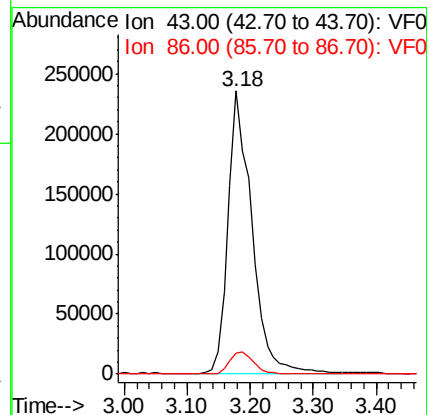
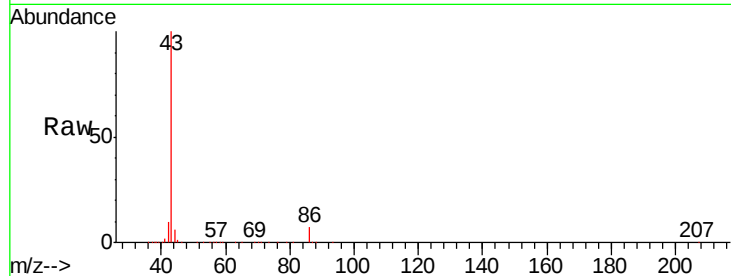
86 7.4 5.4 8.0

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#24

1,1-Dichloroethane

Concen: 49.835 ug/l

RT: 2.86 min Scan# 226

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

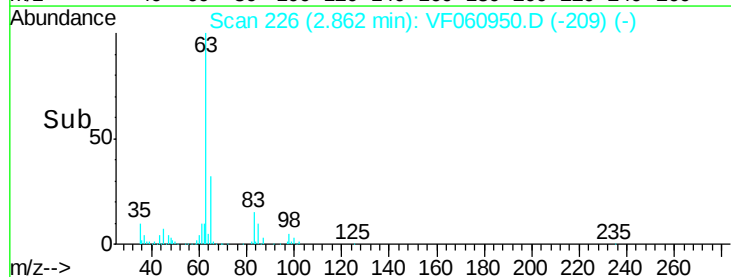
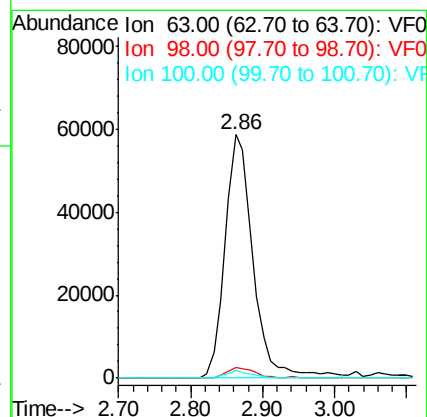
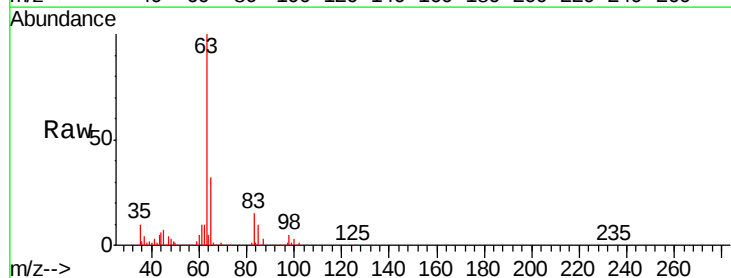
Tgt Ion: 63 Resp: 158318

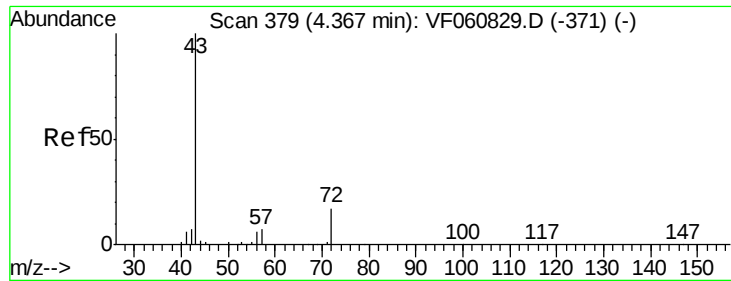
Ion Ratio Lower Upper

63 100

98 4.6 2.7 8.1

100 3.1 1.5 4.5





#25

2-Butanone

Concen: 255.725 ug/l

RT: 4.33 min Scan# 375

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 190988

Ion Ratio Lower Upper

43 100

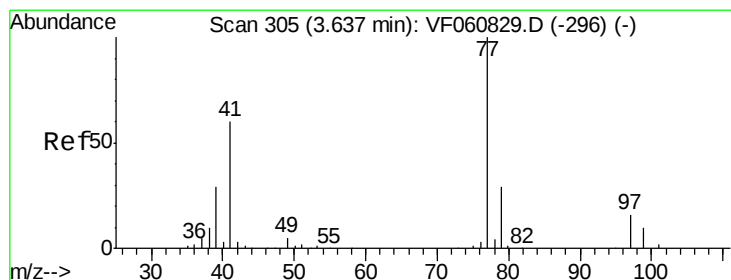
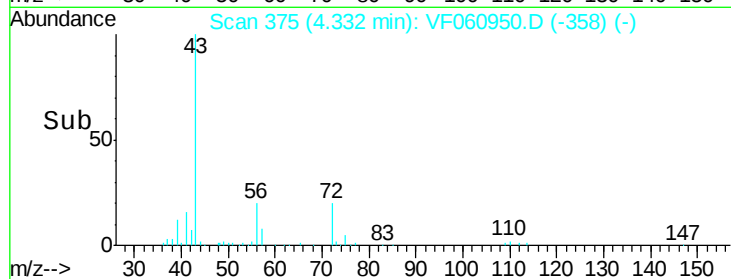
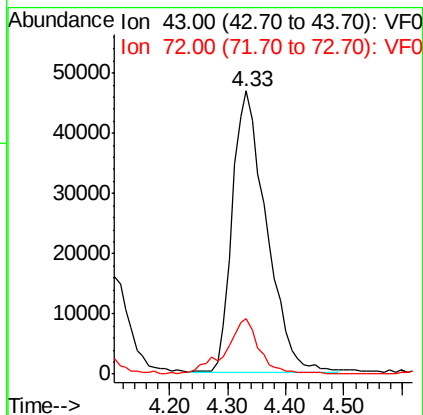
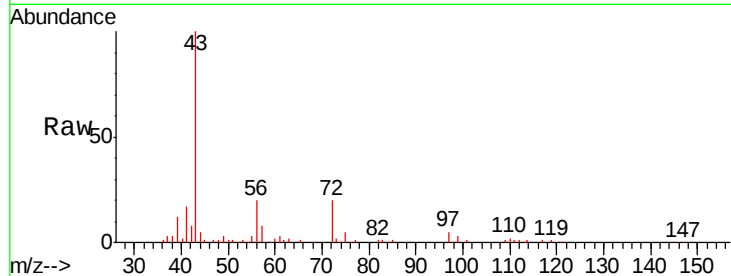
72 19.8 15.4 23.2

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#26

2,2-Dichloropropane

Concen: 49.958 ug/l

RT: 3.59 min Scan# 300

Delta R.T. -0.04 min

Lab File: VF060950.D

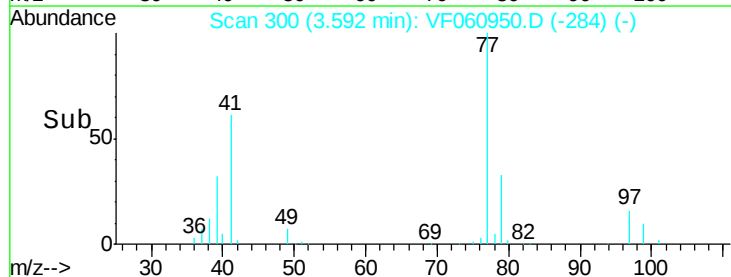
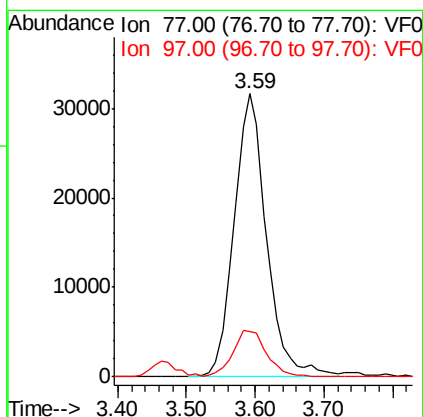
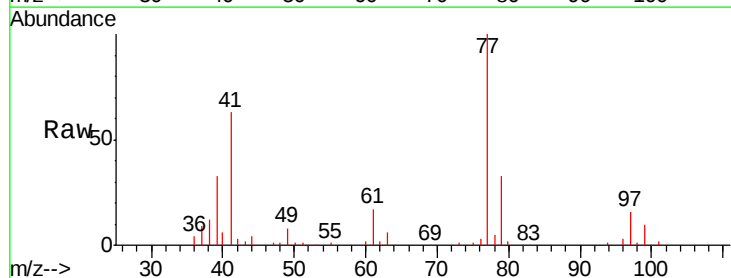
Acq: 10 Dec 2018 13:17

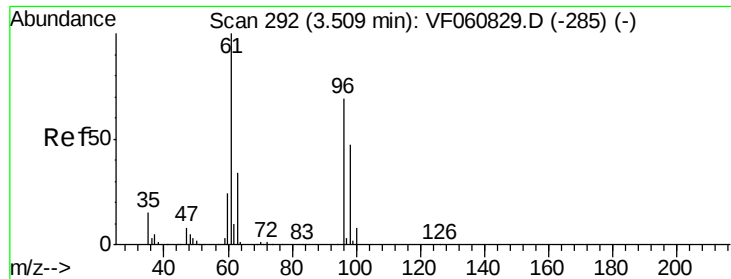
Tgt Ion: 77 Resp: 102894

Ion Ratio Lower Upper

77 100

97 16.1 8.6 25.8





#27

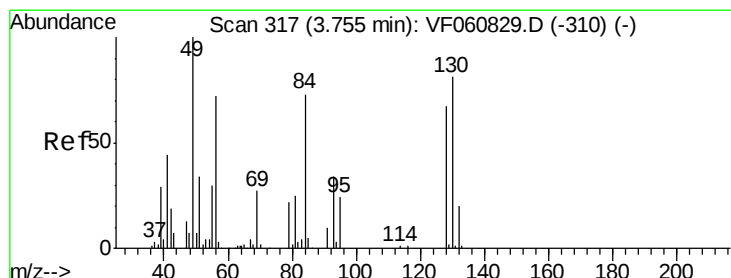
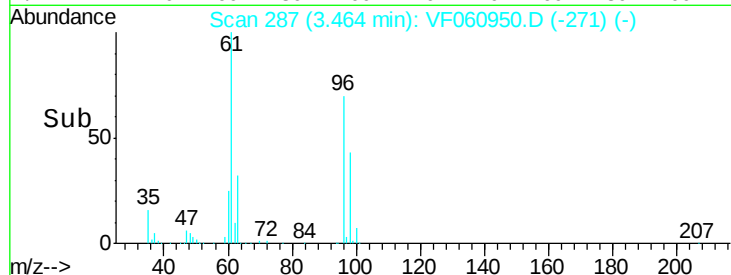
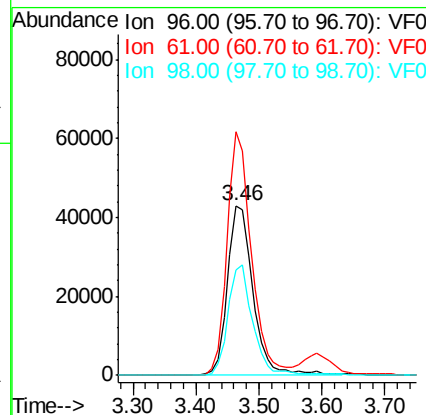
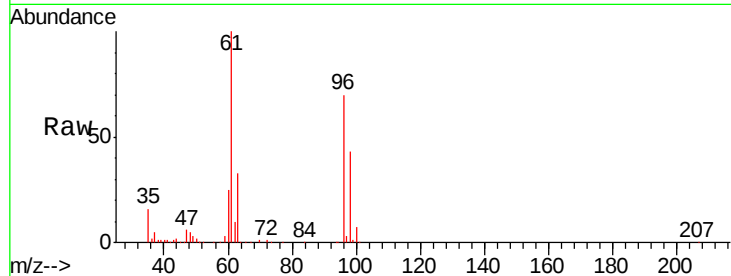
cis-1,2-Dichloroethene
Concen: 49.127 ug/l
RT: 3.46 min Scan# 287
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	121353		
61	143.7	0.0	290.6	
98	62.2	0.0	137.8	

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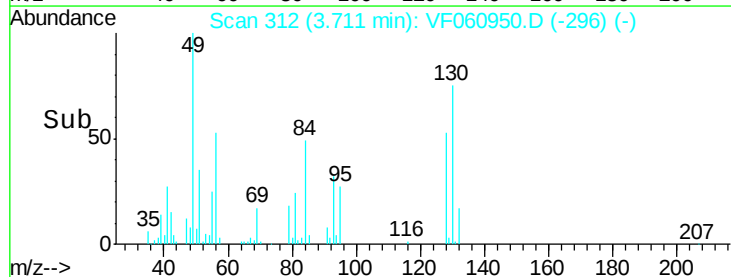
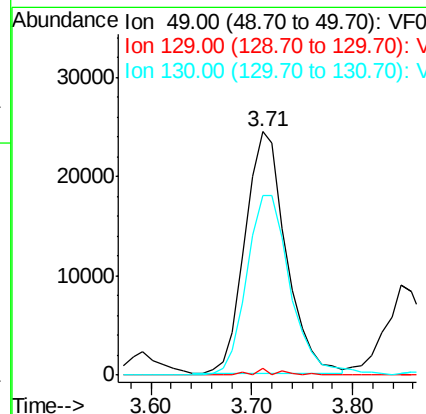
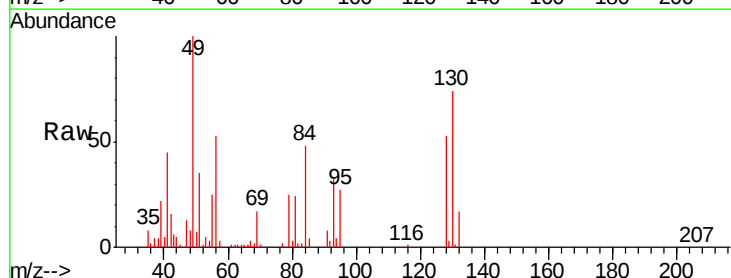
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#28

Bromochloromethane
Concen: 45.721 ug/l
RT: 3.71 min Scan# 312
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	69709		
129	2.9	0.0	4.4	
130	73.6	64.2	96.4	





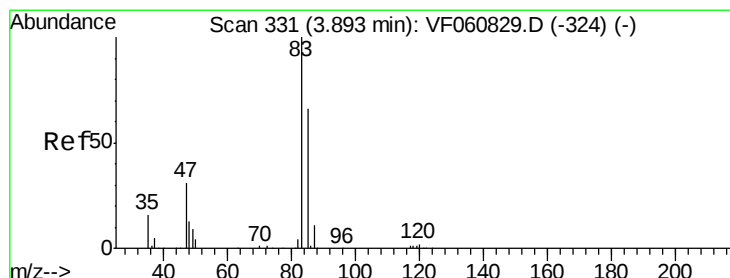
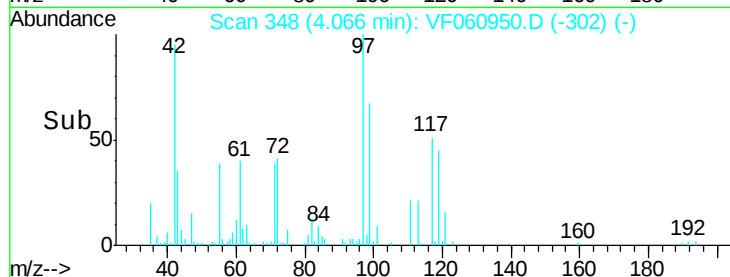
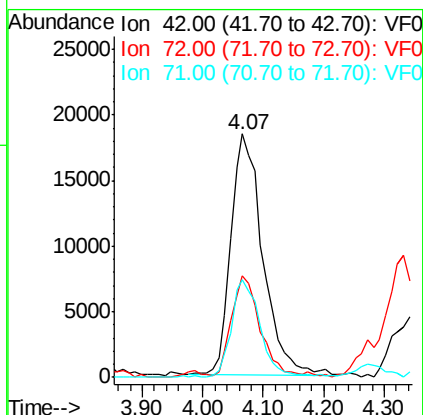
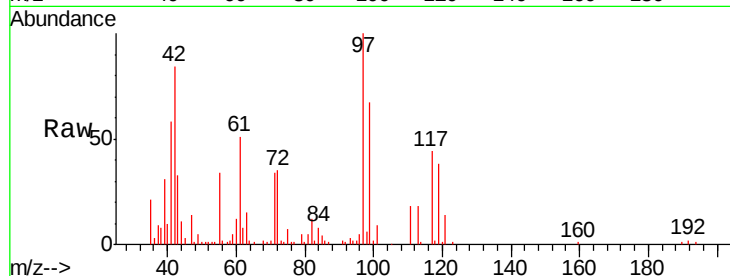
#29
Tetrahydrofuran
Concen: 213.031 ug/l
RT: 4.07 min Scan# 348
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	38.8	31.9	47.9
71	37.0	28.7	43.1

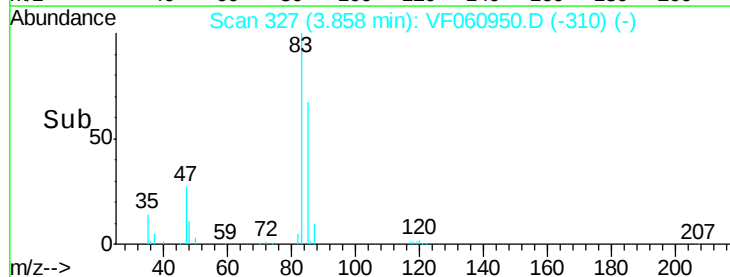
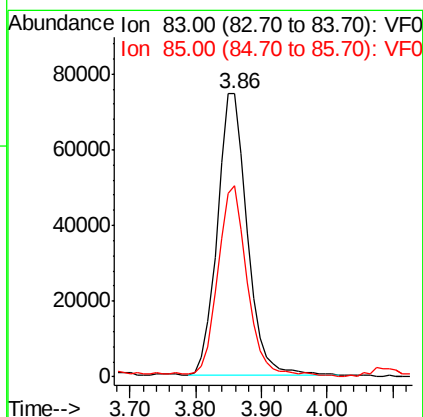
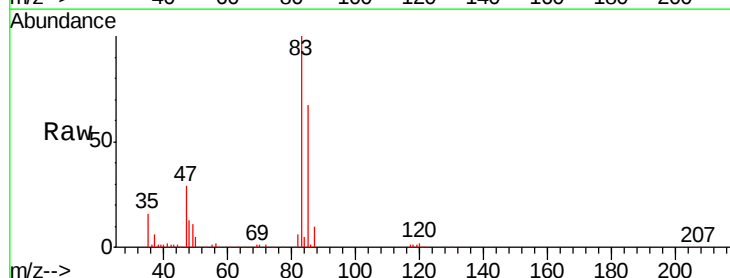
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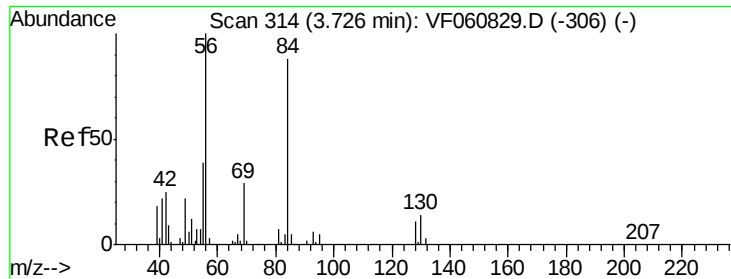
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#30
Chloroform
Concen: 47.988 ug/l
RT: 3.86 min Scan# 327
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.4	53.4	80.2





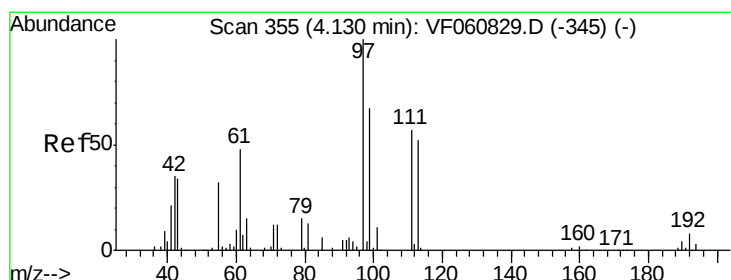
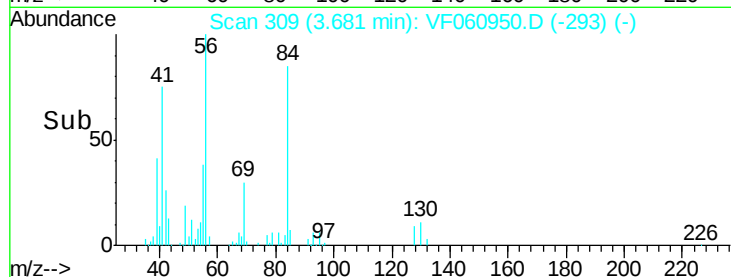
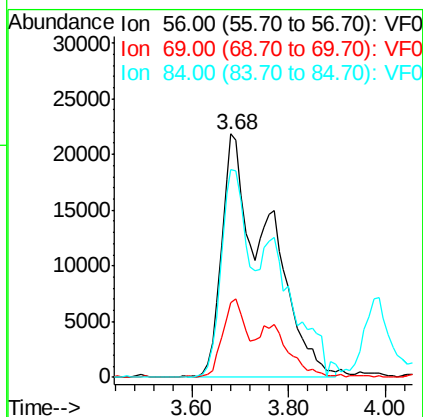
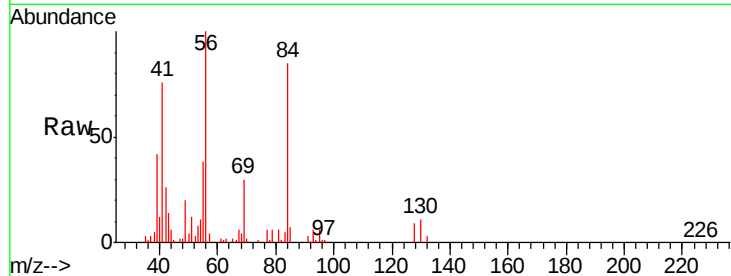
#31
Cyclohexane
Concen: 43.851 ug/l m
RT: 3.68 min Scan# 309
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.0	34.4
84	85.4	70.4	105.6

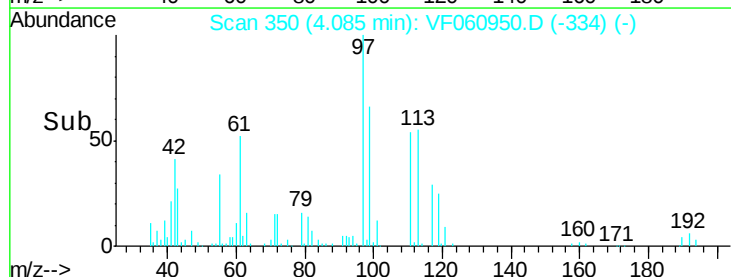
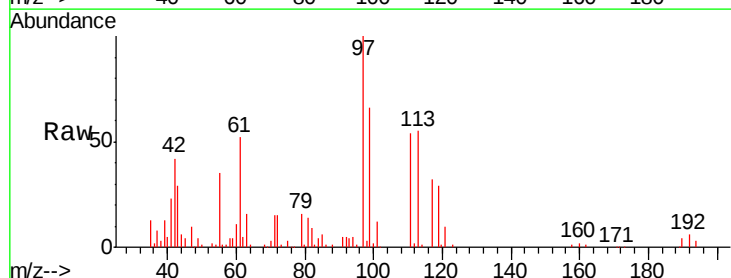
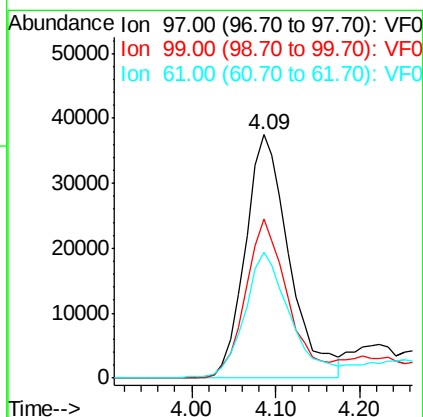
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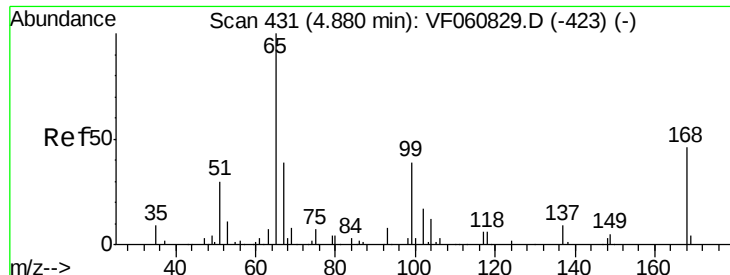
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#32
1,1,1-Trichloroethane
Concen: 40.330 ug/l
RT: 4.09 min Scan# 350
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	53.5	80.3
61	51.5	38.6	58.0





#33

1,2-Dichloroethane-d4

Concen: 48.292 ug/l

RT: 4.84 min Scan# 426

Delta R.T. -0.04 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 113078

Ion Ratio Lower Upper

65 100

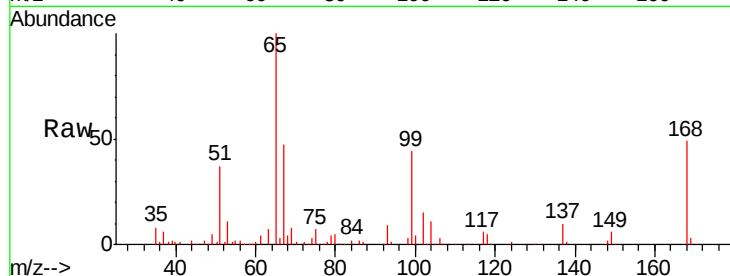
67 47.2 0.0 96.4

Manual Integrations

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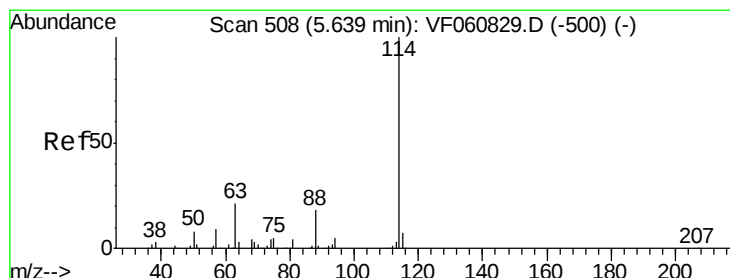
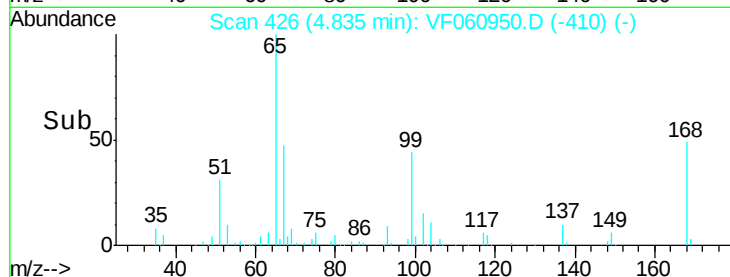
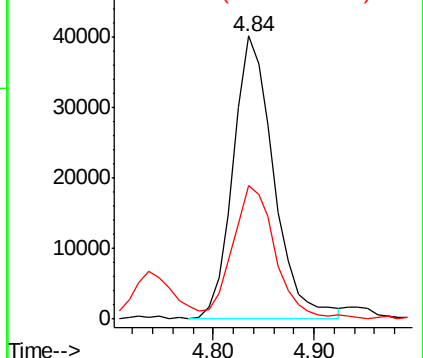
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.59 min Scan# 503

Delta R.T. -0.04 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

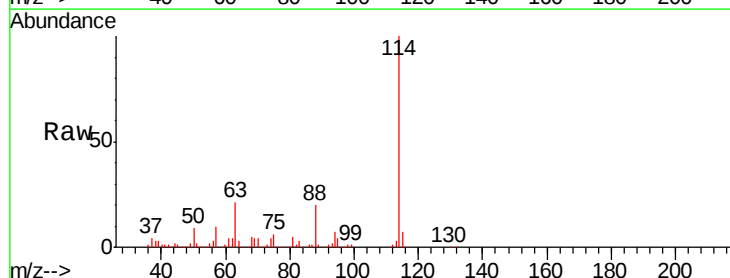
Tgt Ion: 114 Resp: 320292

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.6

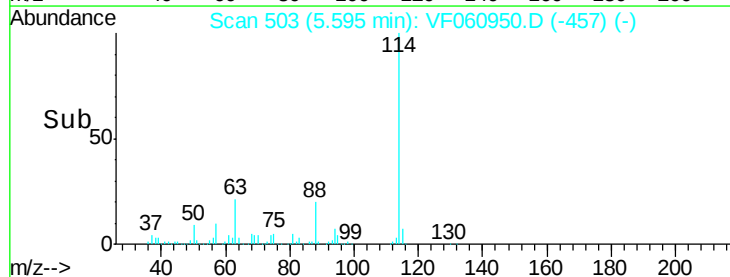
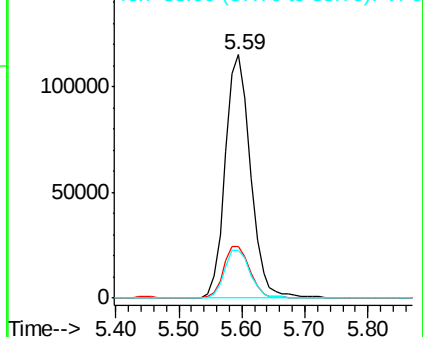
88 19.8 0.0 36.6

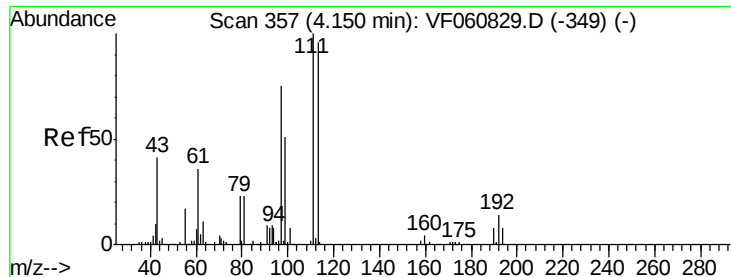


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





#35

Dibromofluoromethane

Concen: 47.254 ug/l

RT: 4.11 min Scan# 352

Delta R.T. -0.04 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

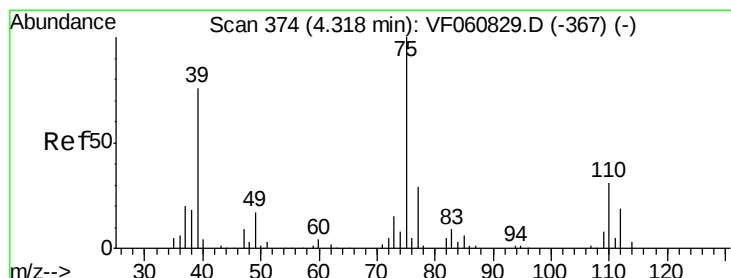
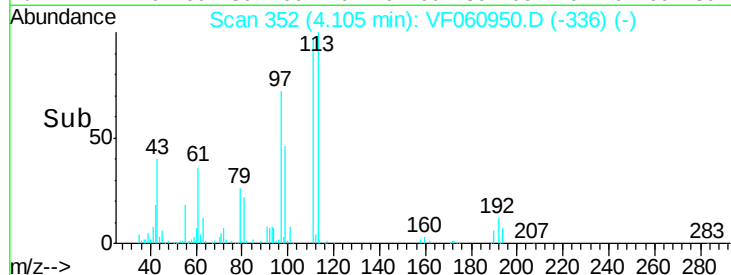
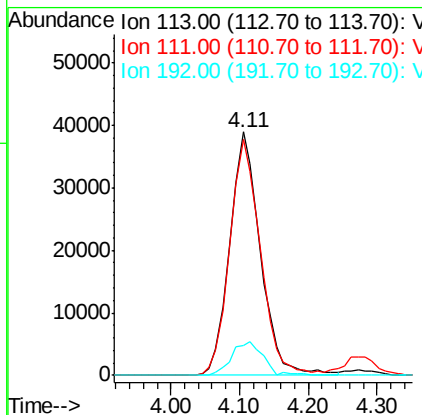
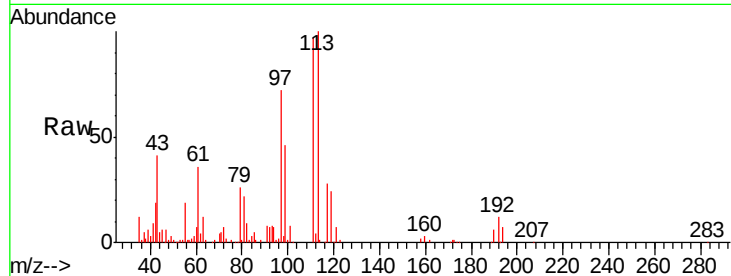
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	120070
Ion Ratio	Lower	Upper	
113	100		
111	96.8	83.0	124.6
192	12.3	12.3	18.5#

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.239 ug/l

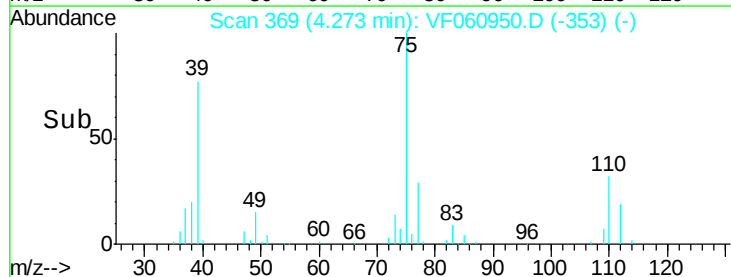
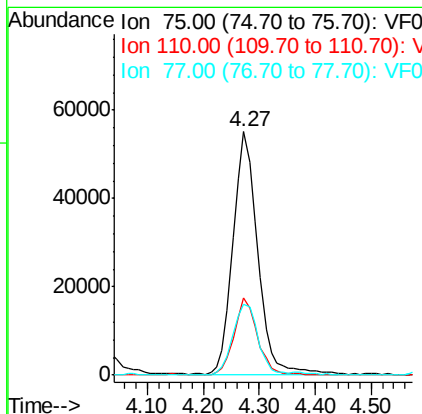
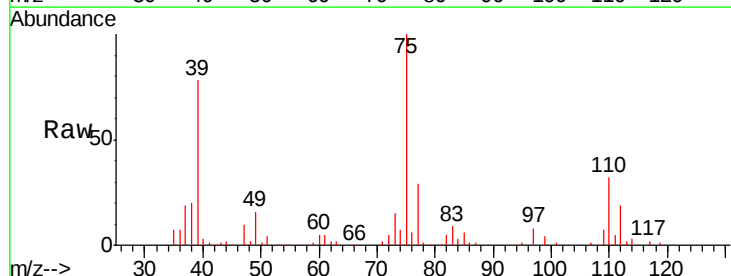
RT: 4.27 min Scan# 369

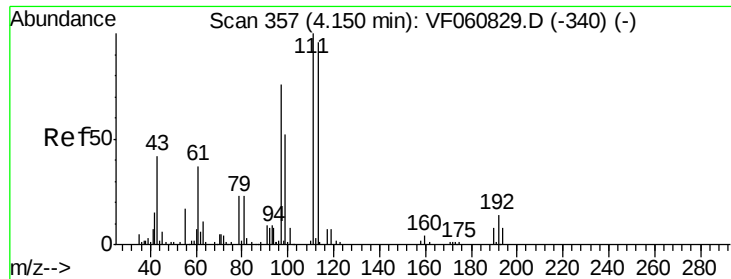
Delta R.T. -0.04 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Tgt Ion:	75	Resp:	167821
Ion Ratio	Lower	Upper	
75	100		
110	31.9	15.6	46.8
77	29.0	23.4	35.0





#37

Ethyl Acetate

Concen: 43.749 ug/l

RT: 4.11 min Scan# 352

Delta R.T. -0.04 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

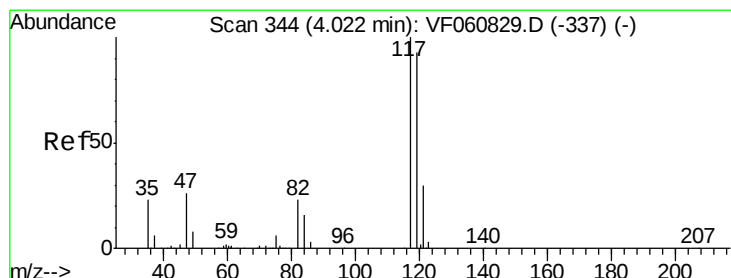
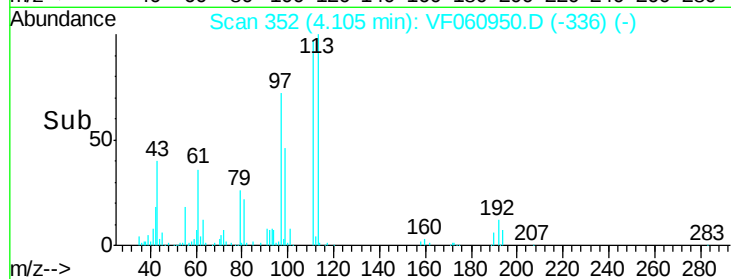
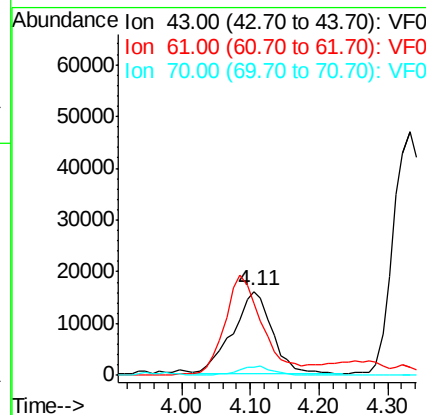
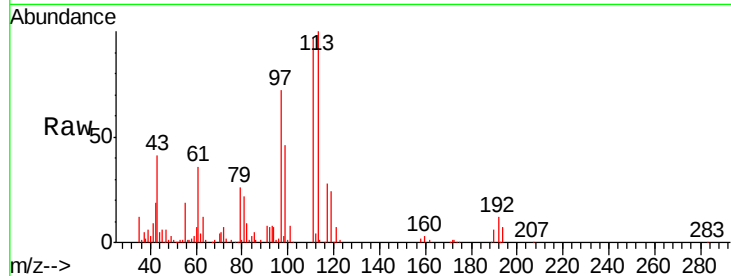
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	63159
Ion	Ratio	Lower	Upper
43	100		
61	86.3	68.6	103.0
70	9.2	9.0	13.4

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#38

Carbon Tetrachloride

Concen: 43.687 ug/l

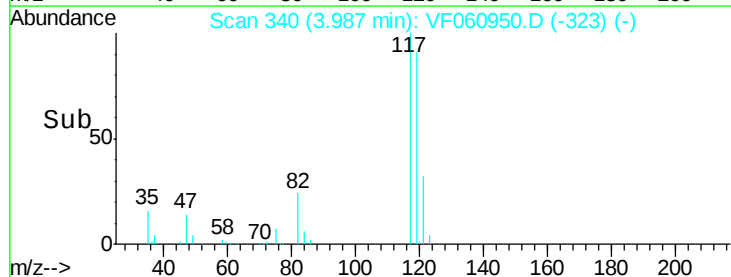
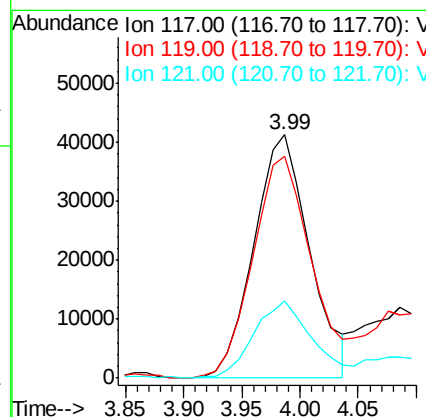
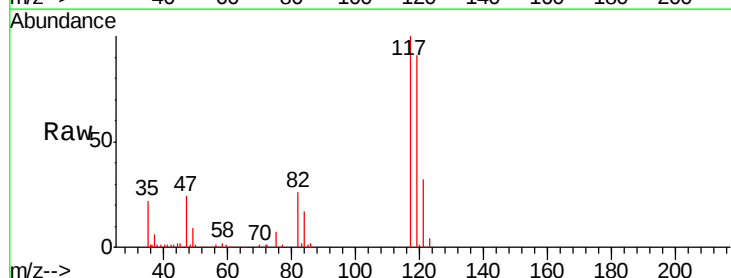
RT: 3.99 min Scan# 340

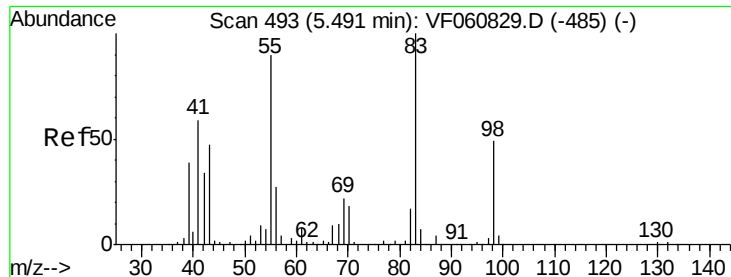
Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Tgt Ion:	117	Resp:	137081
Ion	Ratio	Lower	Upper
117	100		
119	91.2	74.4	111.6
121	31.6	23.5	35.3





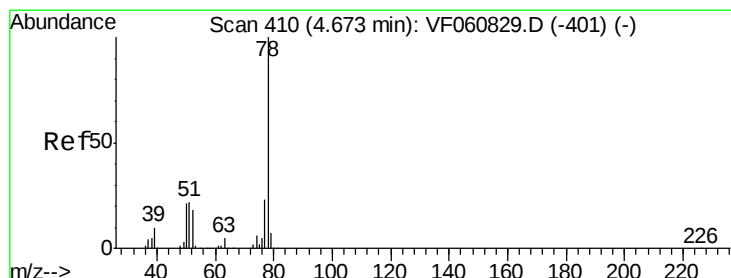
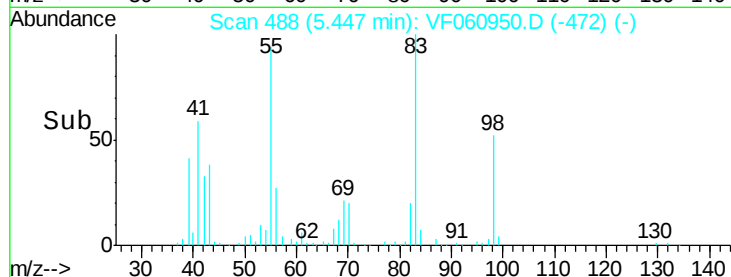
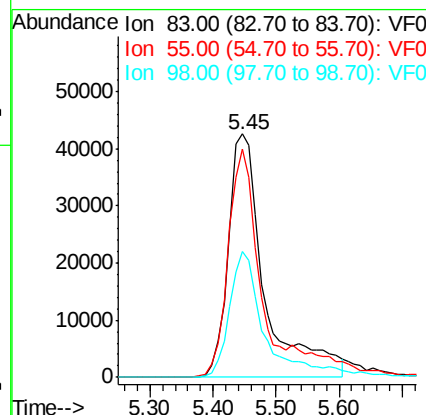
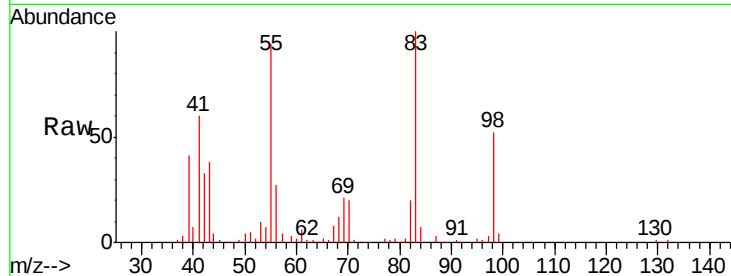
#39
Methylcyclohexane
Concen: 46.033 ug/l
RT: 5.45 min Scan# 488
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	93.5	72.1	108.1
98	51.8	39.1	58.7

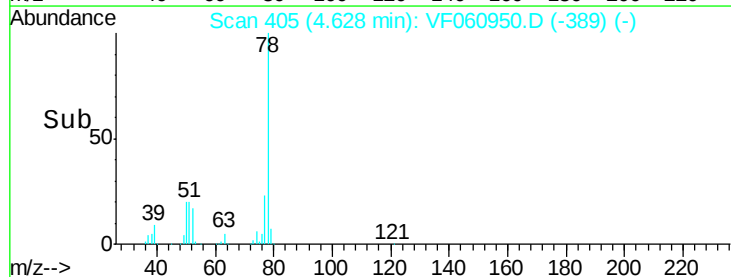
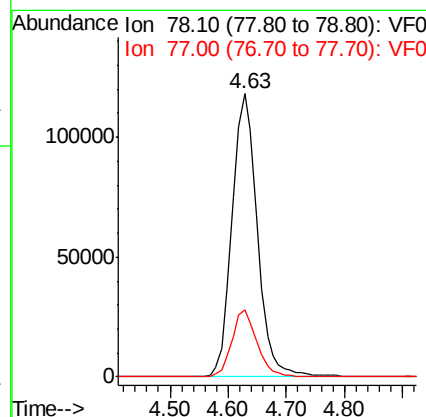
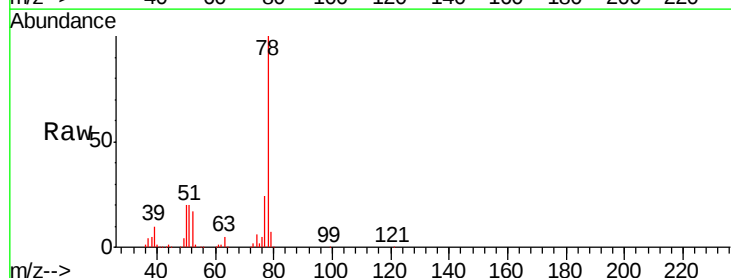
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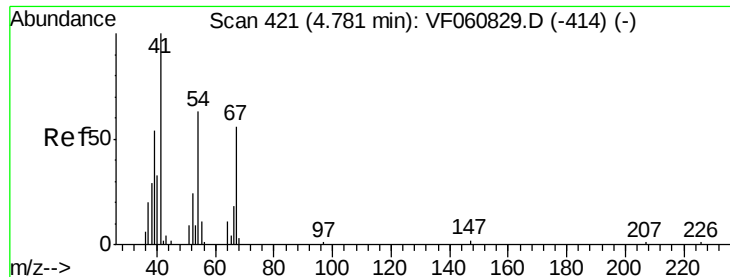
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#40
Benzene
Concen: 45.580 ug/l
RT: 4.63 min Scan# 405
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





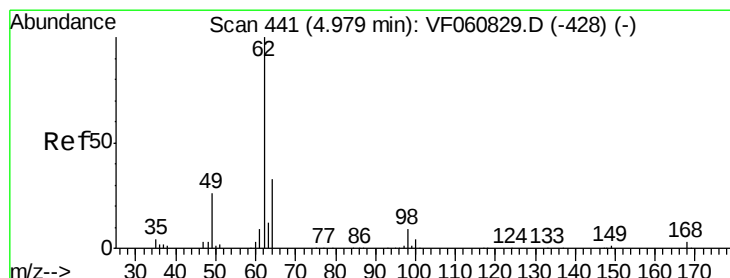
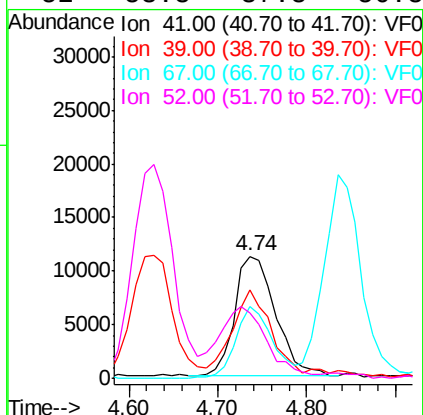
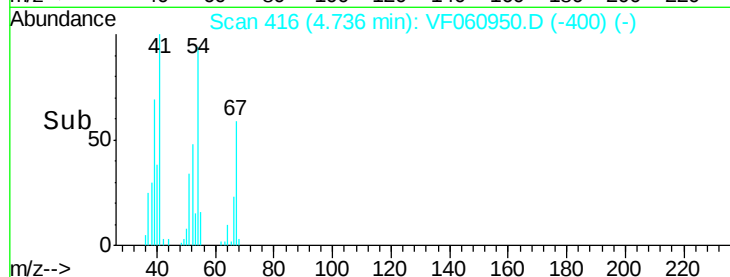
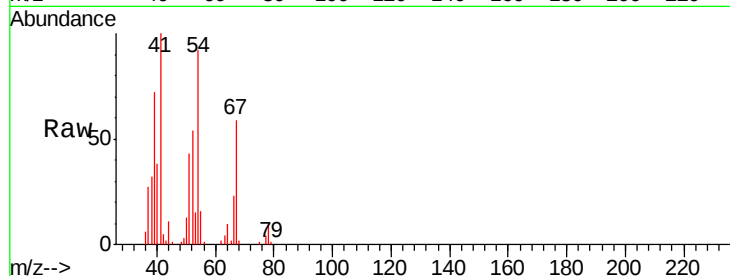
#41
Methacrylonitrile
Concen: 47.591 ug/l
RT: 4.74 min Scan# 416
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
41	100		
39	72.2	53.0	79.6
67	58.9	43.8	65.6
52	53.8	37.8	56.8

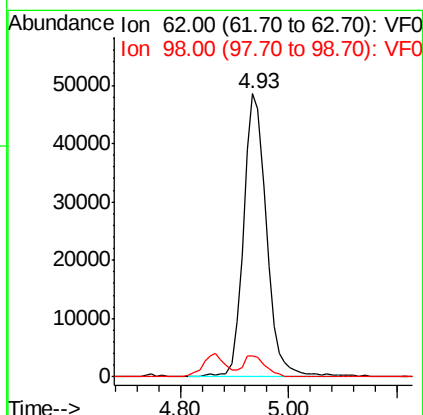
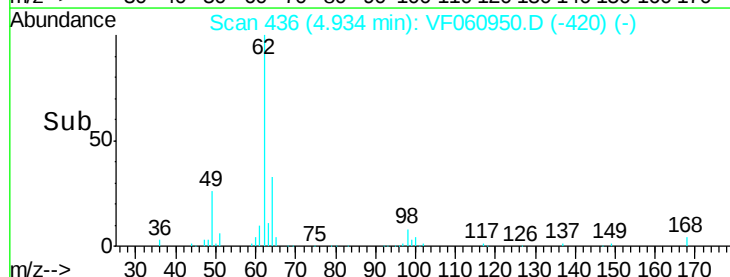
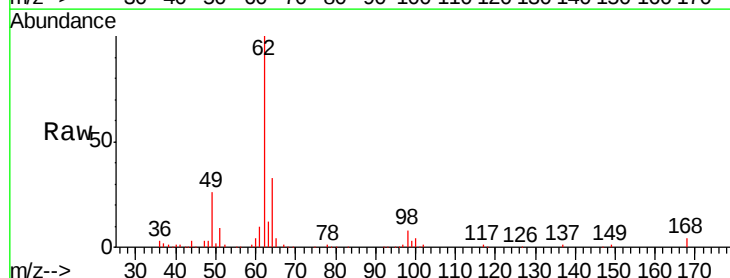
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#42
1,2-Dichloroethane
Concen: 49.860 ug/l
RT: 4.93 min Scan# 436
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	17.2





#43

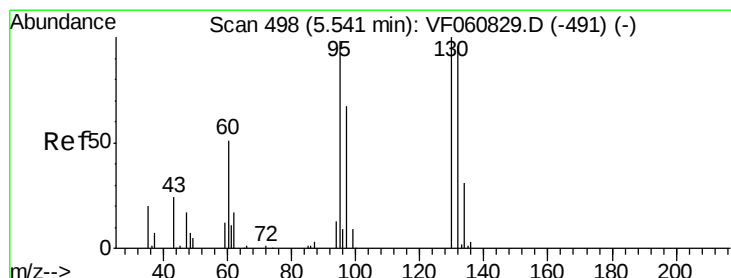
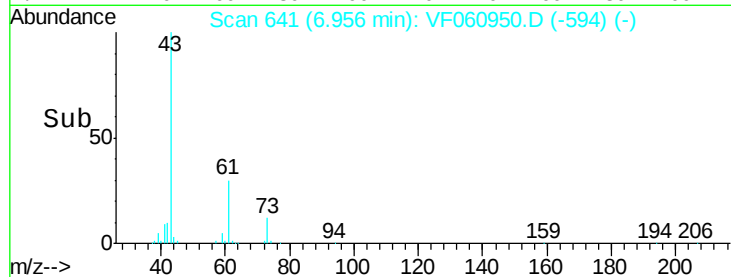
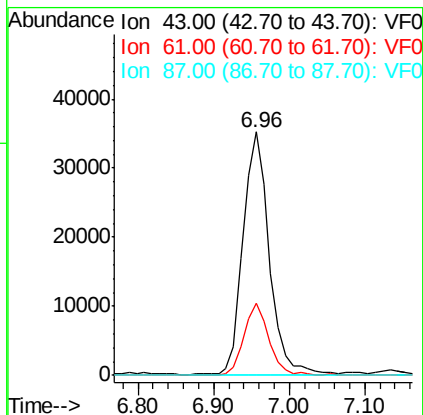
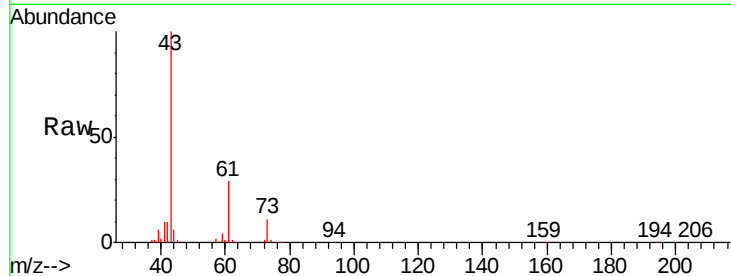
Isopropyl Acetate
 Concen: 47.874 ug/l
 RT: 6.96 min Scan# 641
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	29.4	21.4	32.0
87	0.0	0.2	0.4

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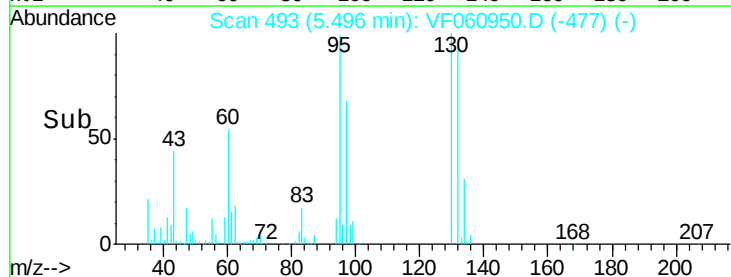
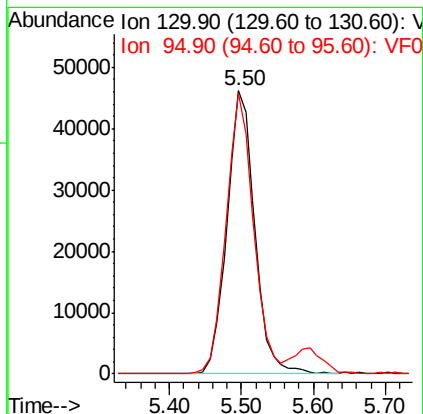
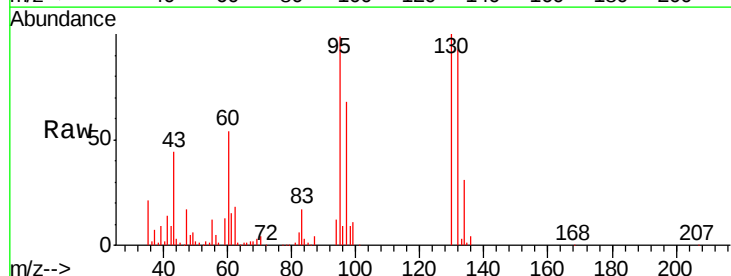
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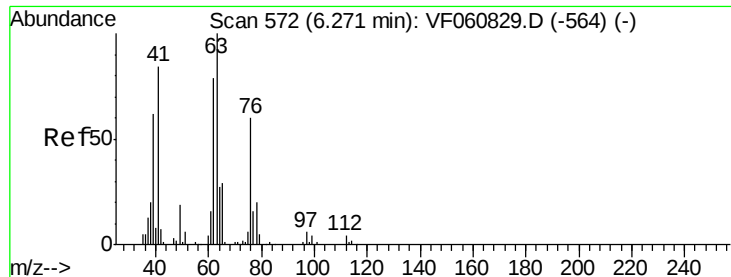


#44

Trichloroethene
 Concen: 48.219 ug/l
 RT: 5.50 min Scan# 493
 Delta R.T. -0.04 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	195.6





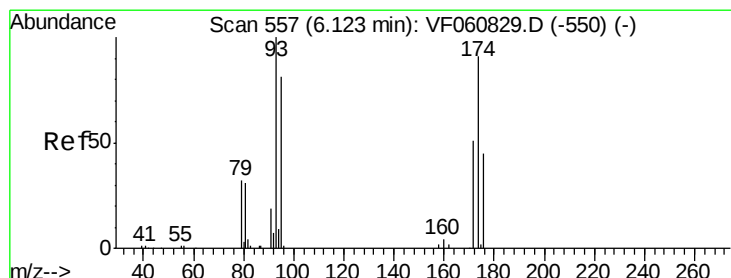
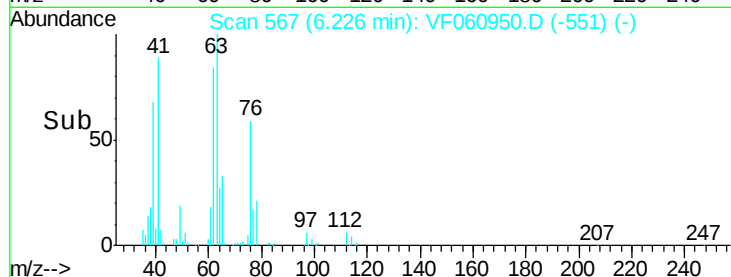
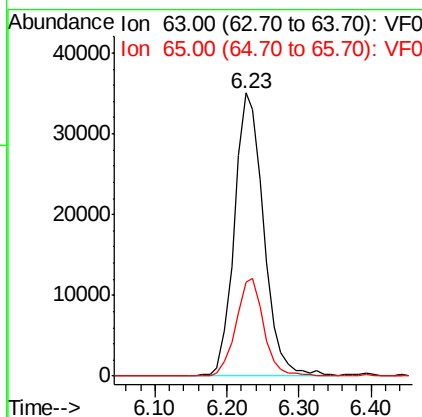
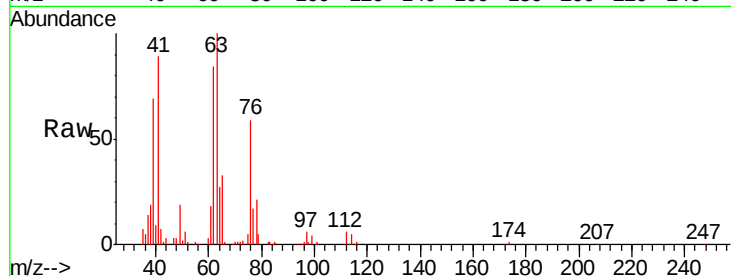
#45
 1,2-Dichloropropane
 Concen: 48.738 ug/l
 RT: 6.23 min Scan# 567
 Delta R.T. -0.04 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 99343
 Ion Ratio Lower Upper
 63 100
 65 33.0 23.2 34.8

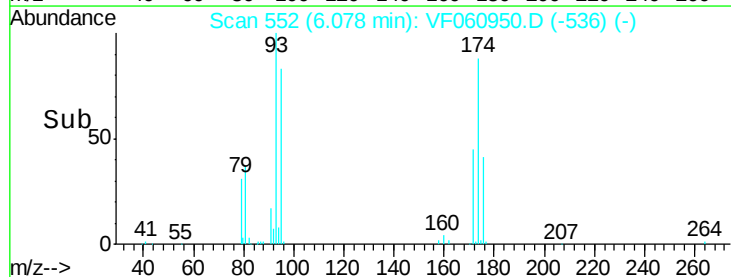
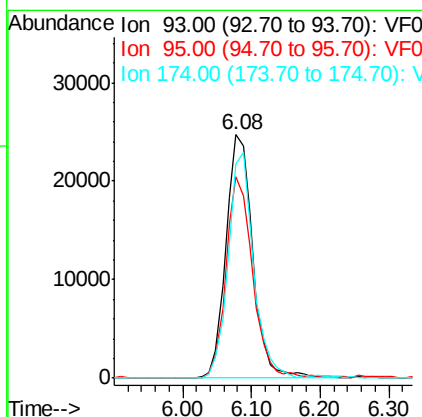
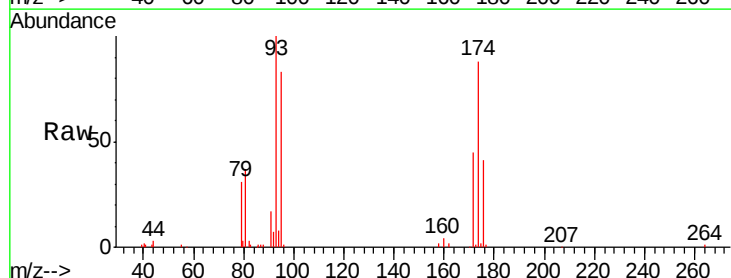
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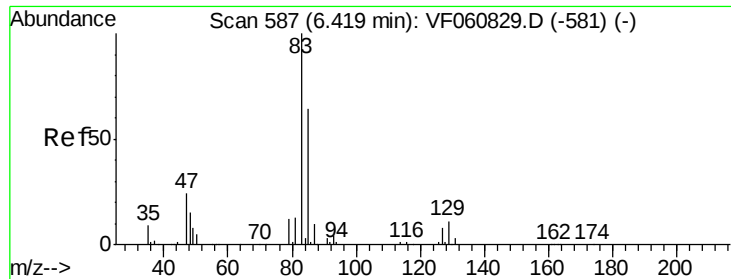
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#46
 Dibromomethane
 Concen: 48.141 ug/l
 RT: 6.08 min Scan# 552
 Delta R.T. -0.04 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Tgt Ion: 93 Resp: 66566
 Ion Ratio Lower Upper
 93 100
 95 82.7 64.7 97.1
 174 88.0 73.0 109.6





#47

Bromodichloromethane

Concen: 50.867 ug/l

RT: 6.38 min Scan# 583

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

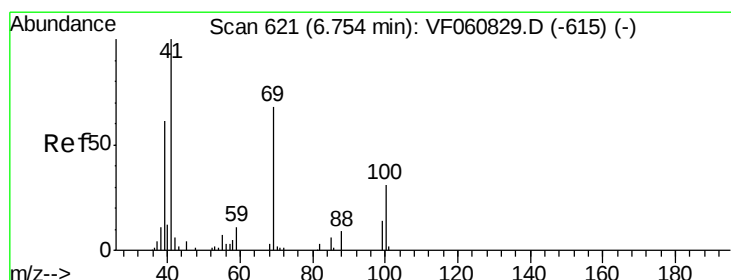
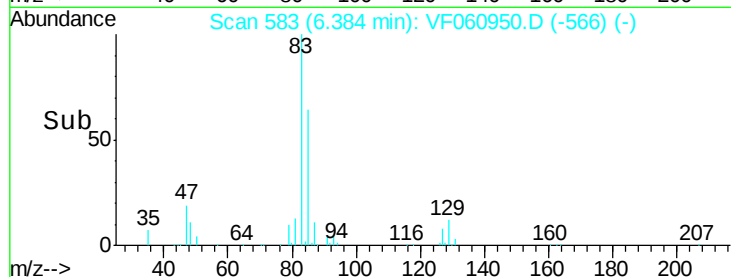
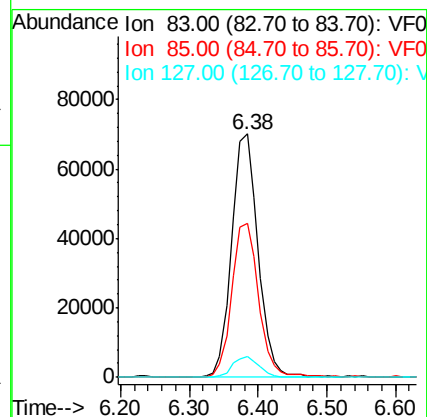
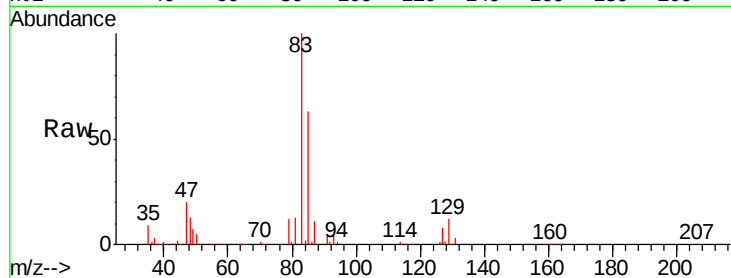
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	186811
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.1	76.7
127	8.4	6.8	10.2

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#48

Methyl methacrylate

Concen: 45.986 ug/l

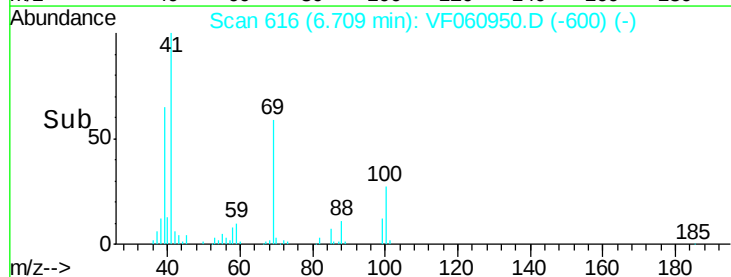
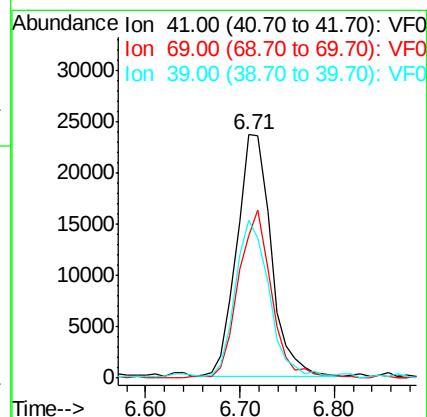
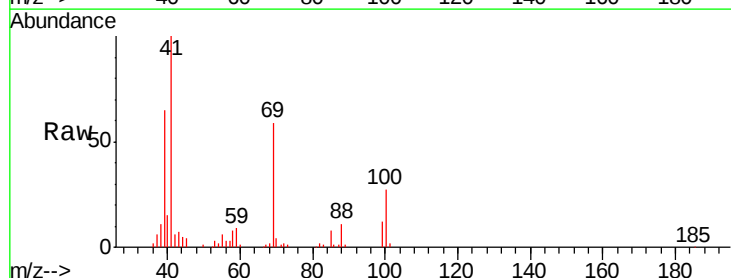
RT: 6.71 min Scan# 616

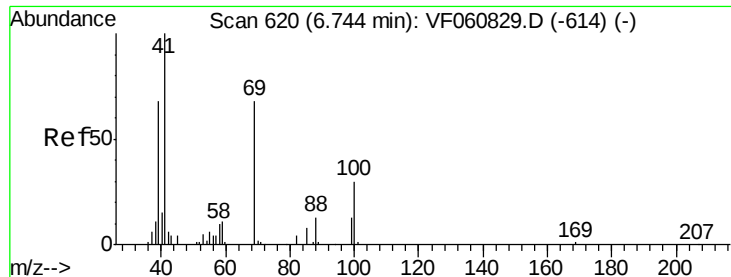
Delta R.T. -0.04 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Tgt Ion:	41	Resp:	60094
Ion	Ratio	Lower	Upper
41	100		
69	58.5	53.9	80.9
39	65.0	49.0	73.6





#49

1,4-Dioxane

Concen: 1012.874 ug/l

RT: 6.70 min Scan# 615

Delta R.T. -0.04 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

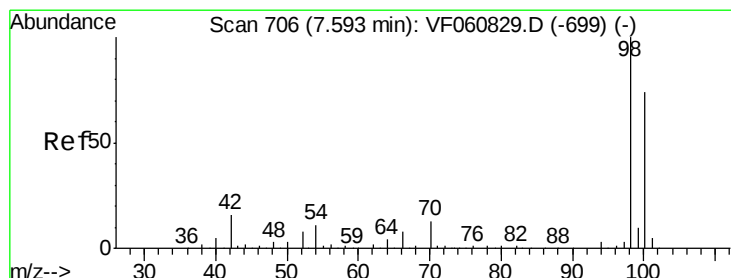
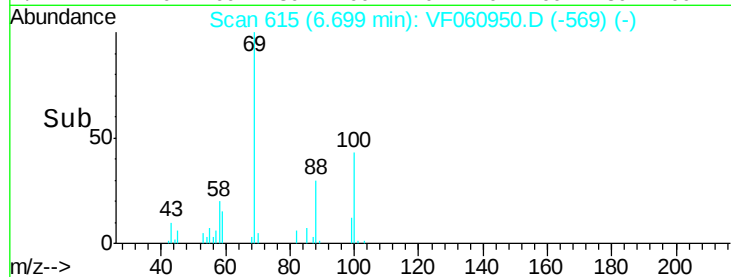
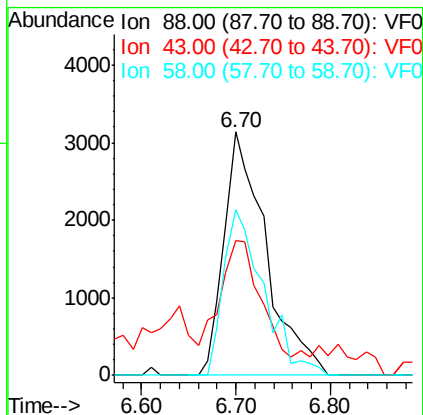
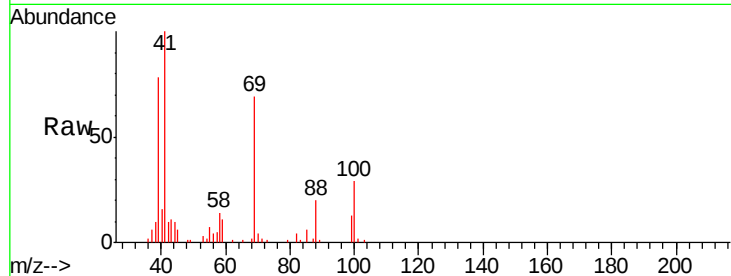
ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	9687
Ion	Ratio	Lower	Upper
88	100		
43	55.2	42.0	63.0
58	68.1	61.8	92.8

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#50

Toluene-d8

Concen: 46.332 ug/l

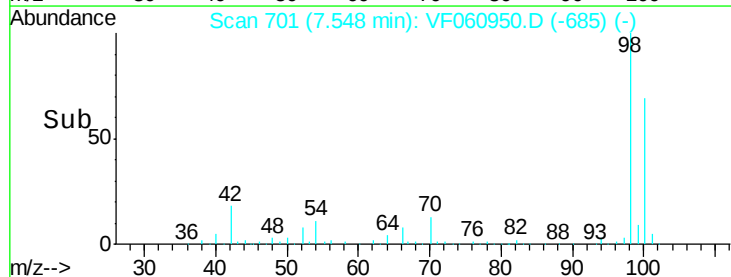
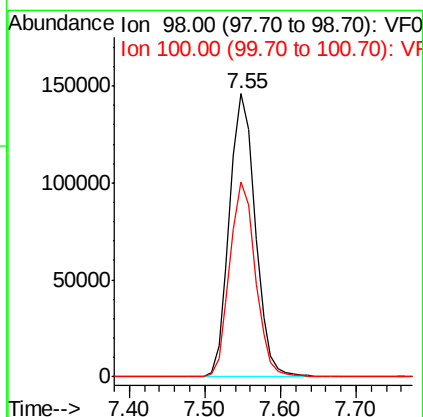
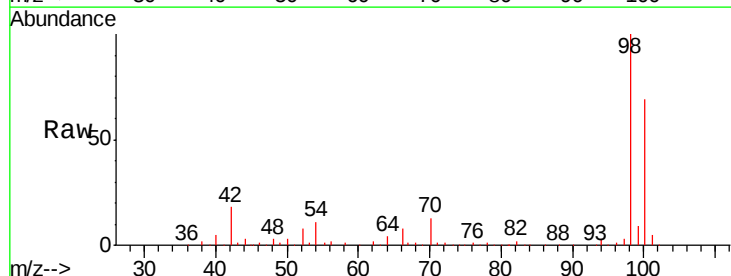
RT: 7.55 min Scan# 701

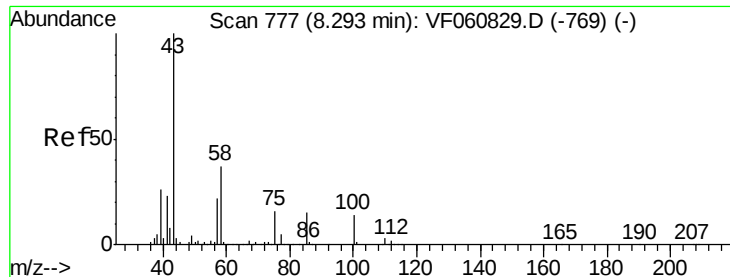
Delta R.T. -0.04 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Tgt Ion:	98	Resp:	346793
Ion	Ratio	Lower	Upper
98	100		
100	69.0	59.3	88.9





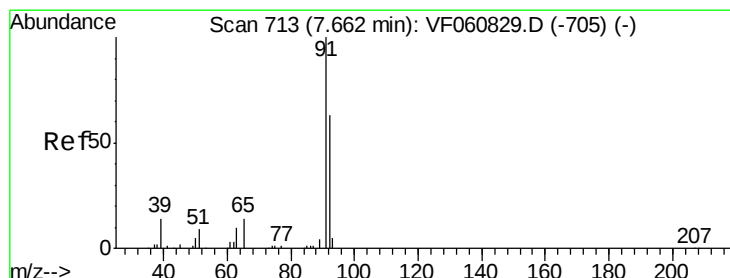
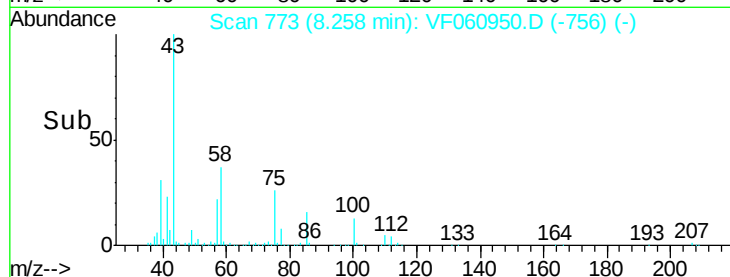
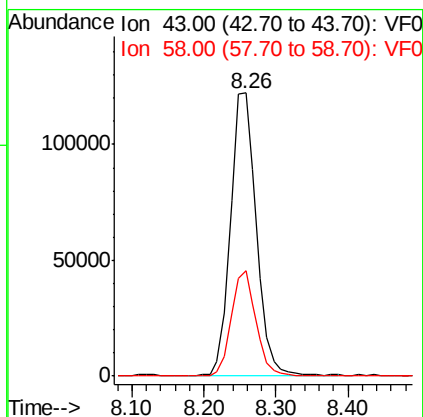
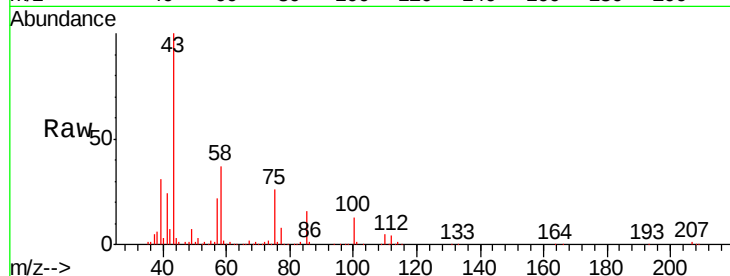
#51
 4-Methyl-2-Pentanone
 Concen: 230.067 ug/l
 RT: 8.26 min Scan# 773
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 306287
 Ion Ratio Lower Upper
 43 100
 58 37.4 29.7 44.5

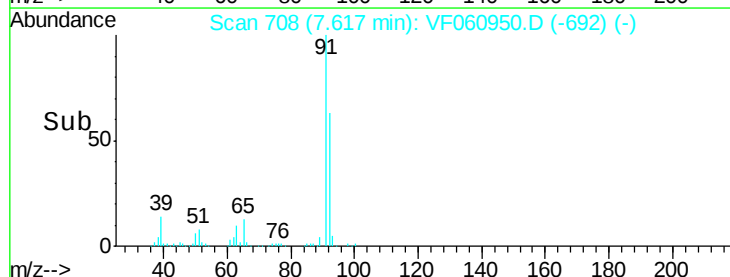
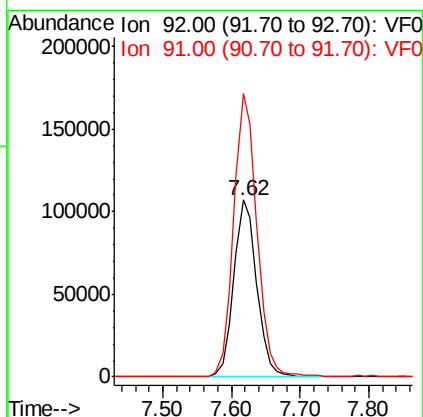
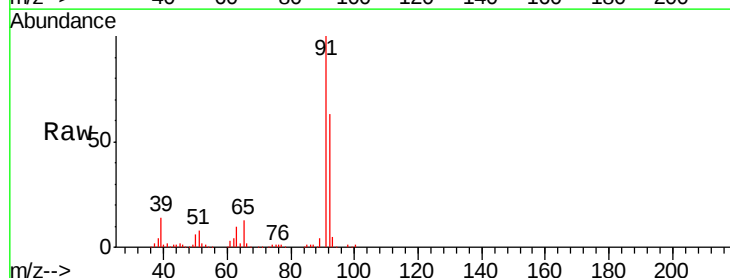
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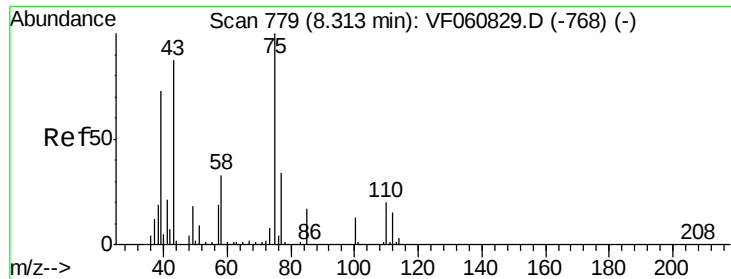
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#52
 Toluene
 Concen: 44.967 ug/l
 RT: 7.62 min Scan# 708
 Delta R.T. -0.04 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Tgt Ion: 92 Resp: 247893
 Ion Ratio Lower Upper
 92 100
 91 160.0 126.2 189.2





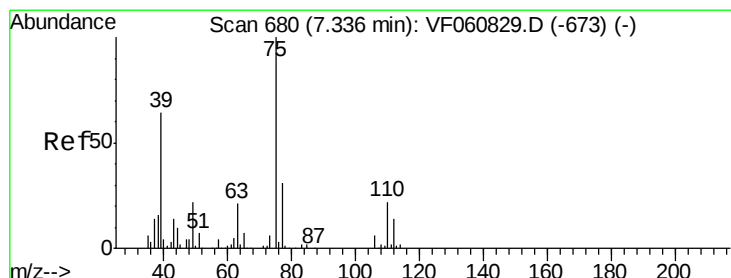
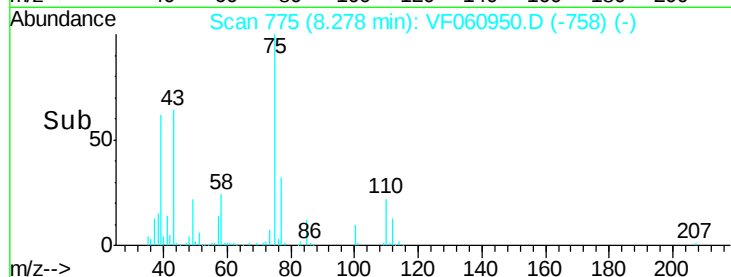
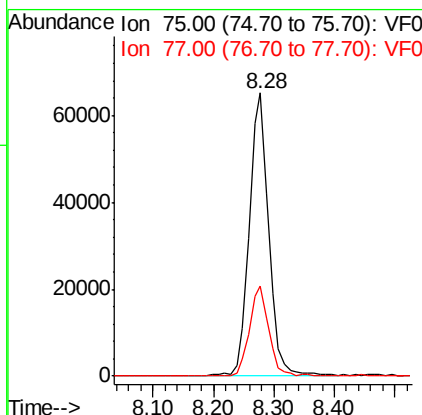
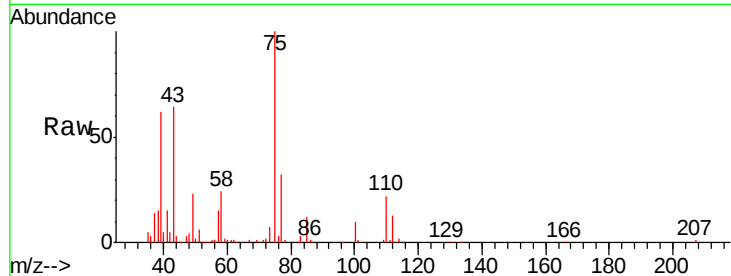
#53
t-1,3-Dichloropropene
Concen: 48.825 ug/l
RT: 8.28 min Scan# 775
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 145852
Ion Ratio Lower Upper
75 100
77 31.9 27.4 41.2

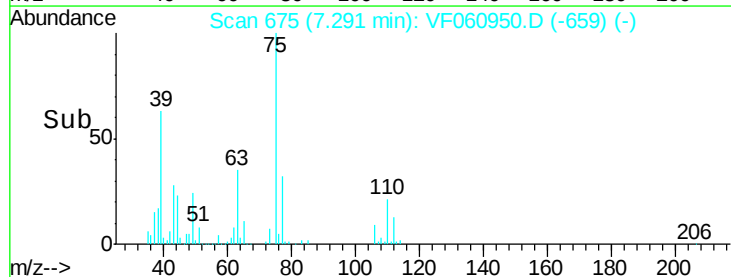
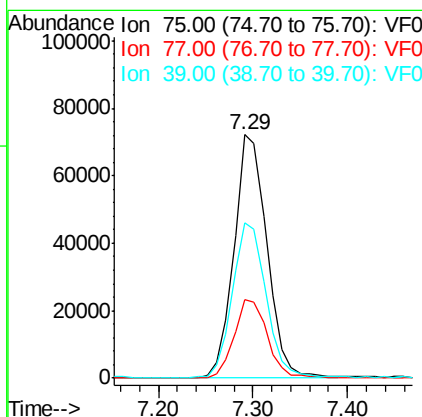
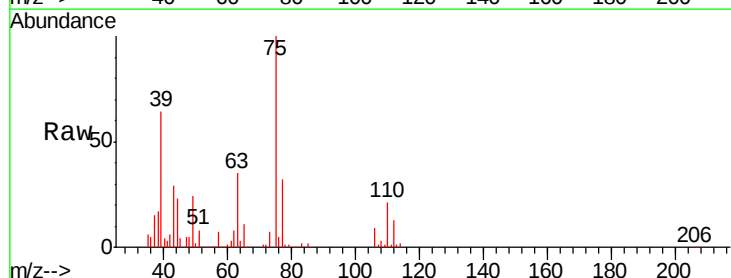
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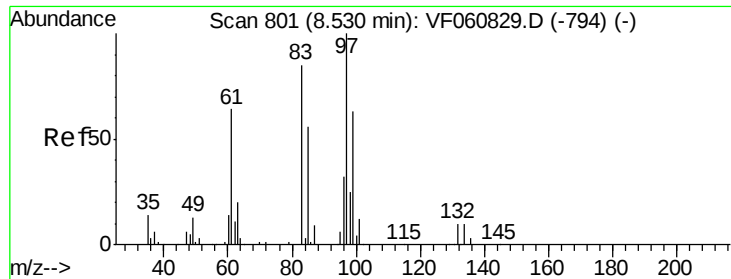
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#54
cis-1,3-Dichloropropene
Concen: 47.124 ug/l
RT: 7.29 min Scan# 675
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion: 75 Resp: 174274
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6
39 63.6 51.1 76.7





#55

1,1,2-Trichloroethane

Concen: 46.605 ug/l

RT: 8.48 min Scan# 796

Delta R.T. -0.04 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

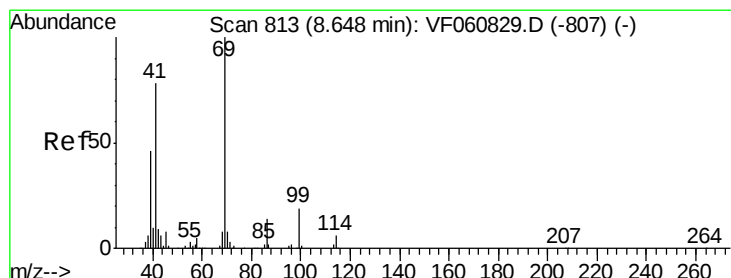
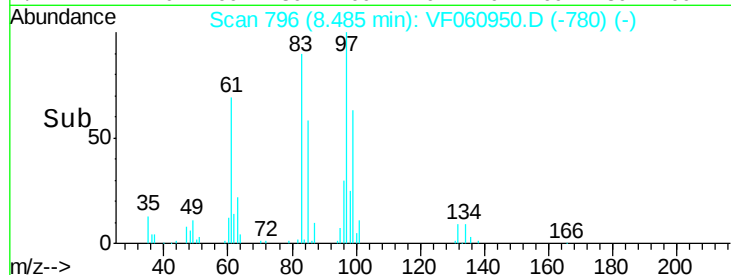
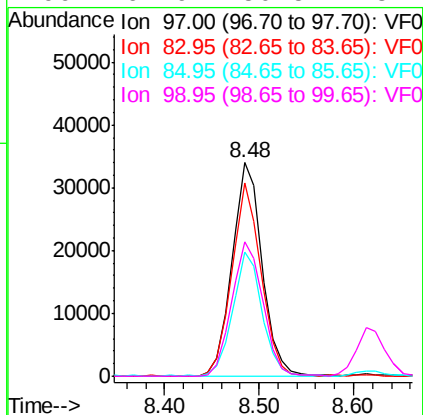
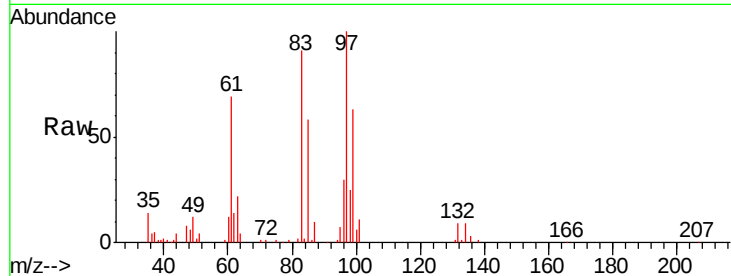
ClientSampleId :

VSTDCCC050

Tgt Ion:	97	Resp:	74865
Ion	Ratio	Lower	Upper
97	100		
83	90.7	67.8	101.6
85	58.2	45.0	67.6
99	62.9	50.5	75.7

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#56

Ethyl methacrylate

Concen: 47.925 ug/l

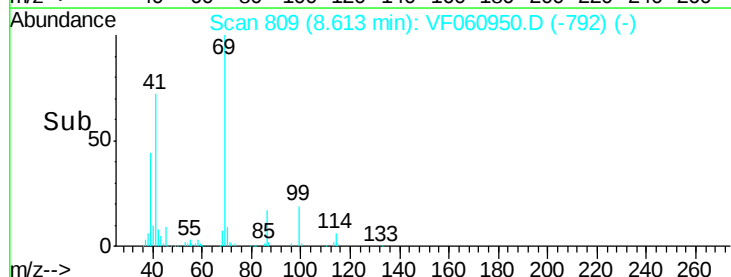
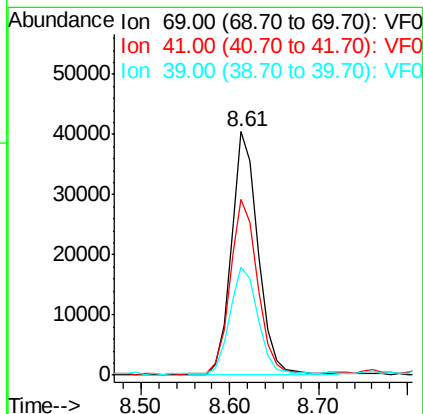
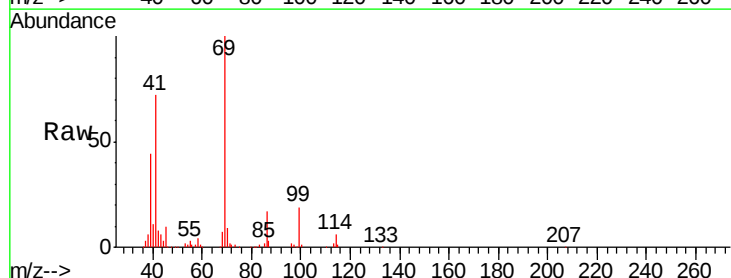
RT: 8.61 min Scan# 809

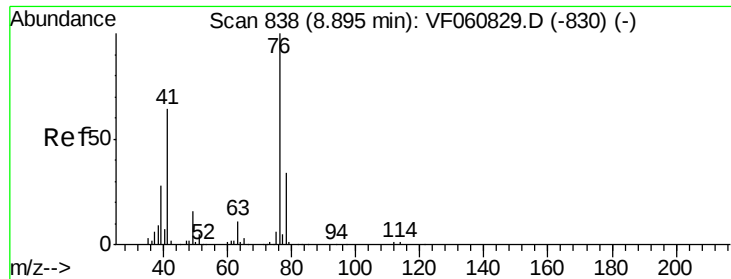
Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Tgt Ion:	69	Resp:	85520
Ion	Ratio	Lower	Upper
69	100		
41	72.3	62.6	94.0
39	44.4	37.8	56.6





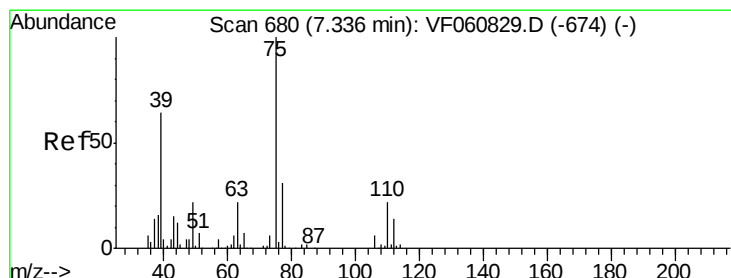
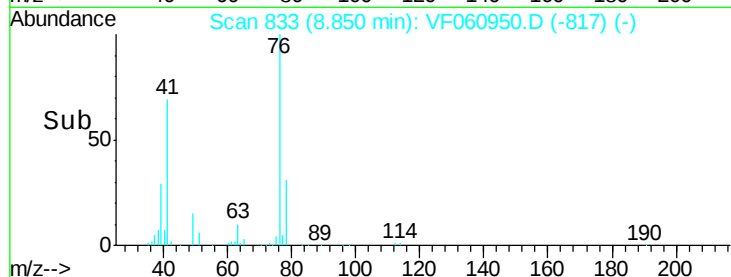
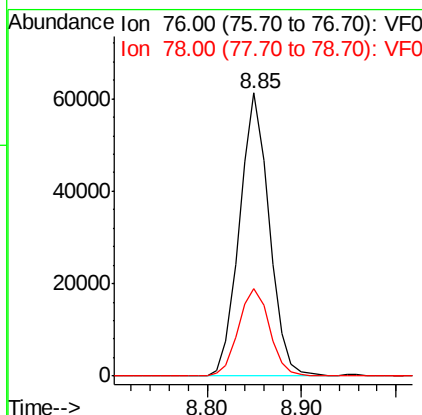
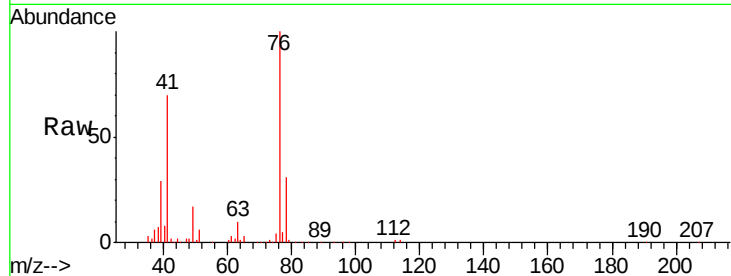
#57
 1,3-Dichloropropane
 Concen: 47.573 ug/l
 RT: 8.85 min Scan# 833
 Delta R.T. -0.04 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 133698
 Ion Ratio Lower Upper
 76 100
 78 31.0 27.0 40.4

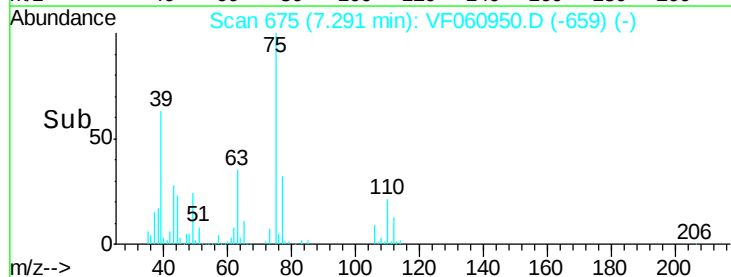
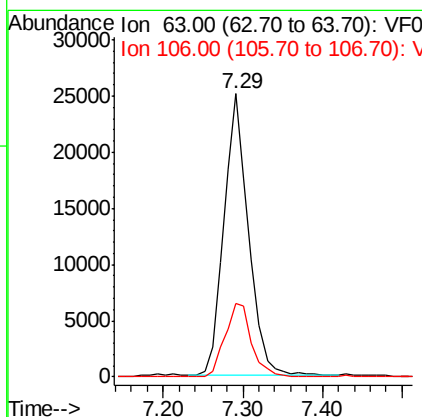
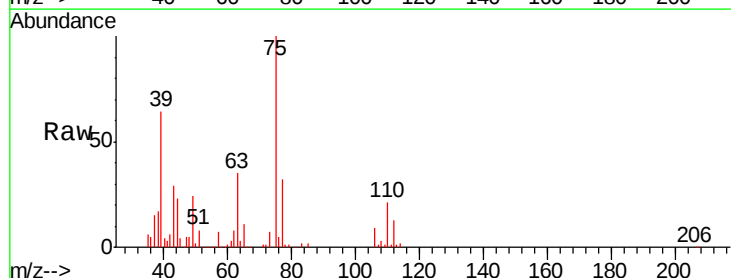
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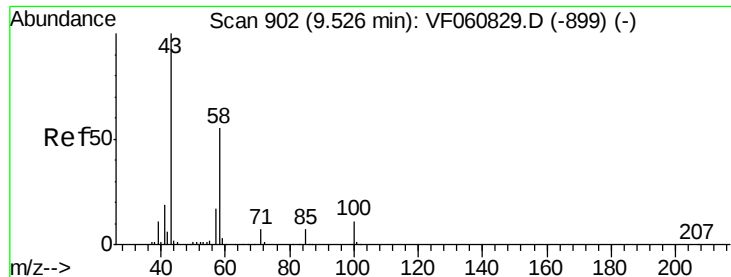
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#58
 2-Chloroethyl Vinyl ether
 Concen: 297.664 ug/l
 RT: 7.29 min Scan# 675
 Delta R.T. -0.04 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Tgt Ion: 63 Resp: 54331
 Ion Ratio Lower Upper
 63 100
 106 26.1 23.0 34.6





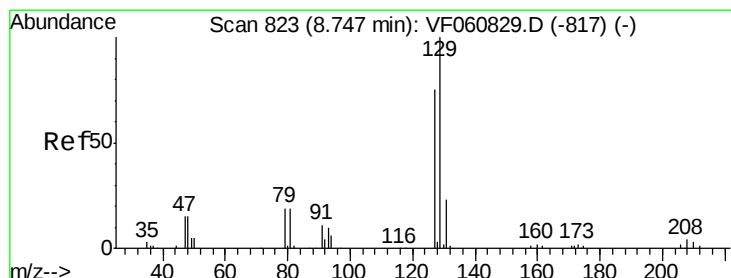
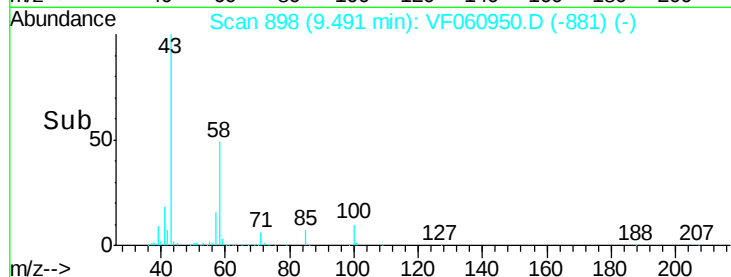
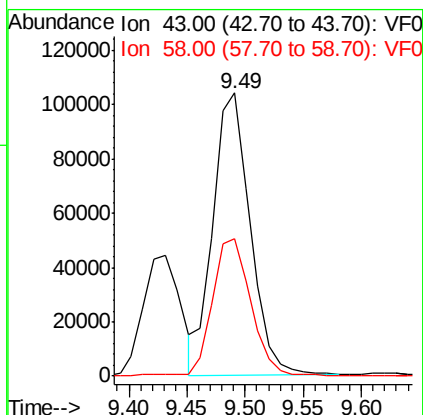
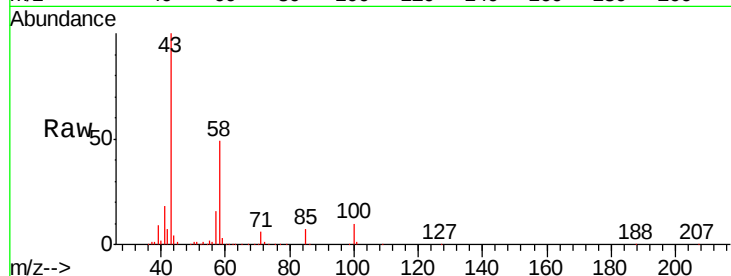
#59
2-Hexanone
Concen: 247.055 ug/l
RT: 9.49 min Scan# 898
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 230746
Ion Ratio Lower Upper
43 100
58 48.6 25.6 76.6

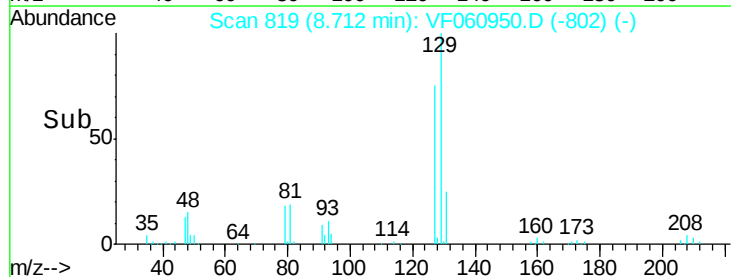
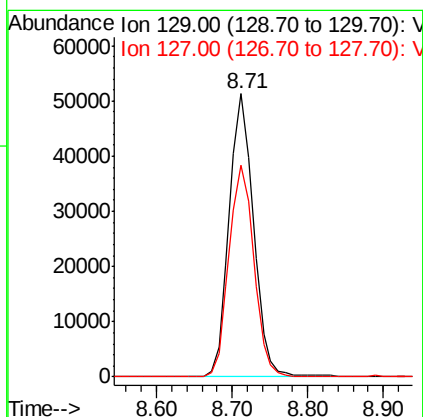
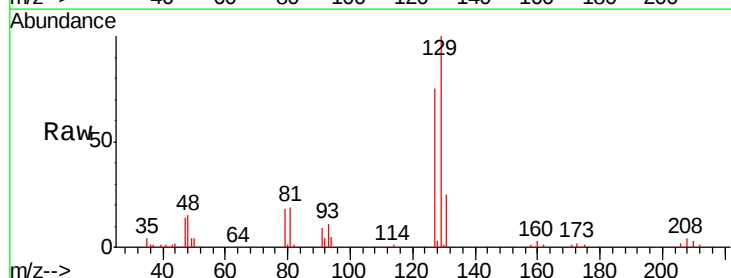
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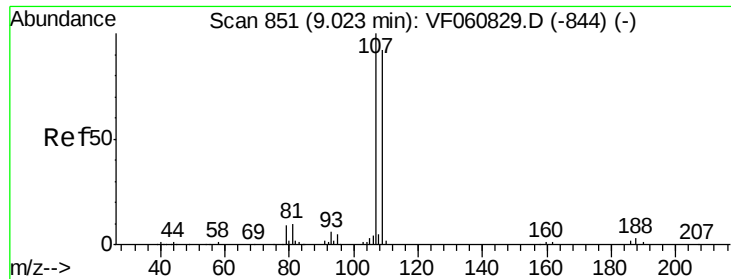
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#60
Dibromochloromethane
Concen: 48.008 ug/l
RT: 8.71 min Scan# 819
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion: 129 Resp: 114903
Ion Ratio Lower Upper
129 100
127 74.8 37.3 111.9





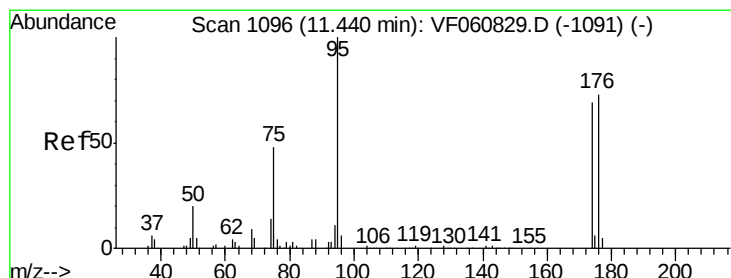
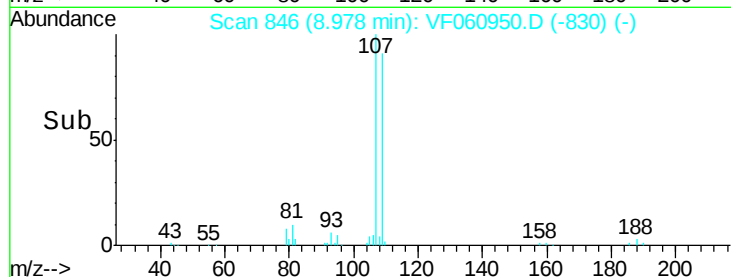
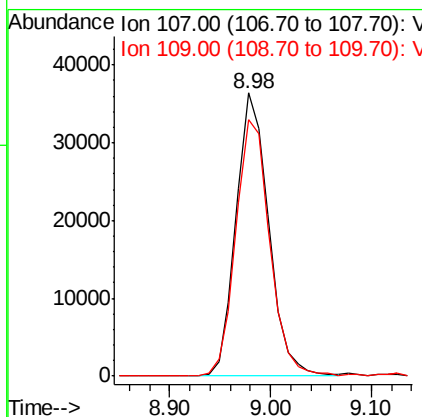
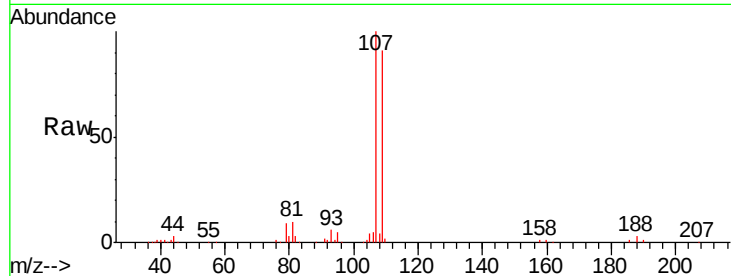
#61
1,2-Dibromoethane
Concen: 47.418 ug/l
RT: 8.98 min Scan# 846
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 82285
Ion Ratio Lower Upper
107 100
109 90.5 73.6 110.4

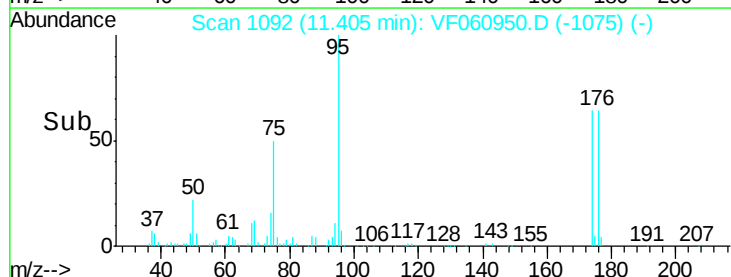
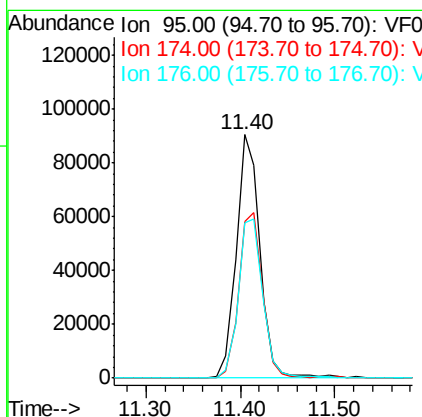
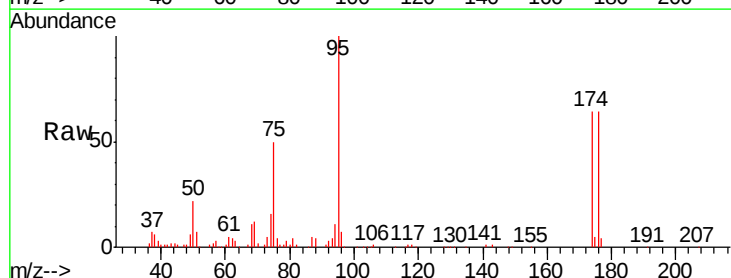
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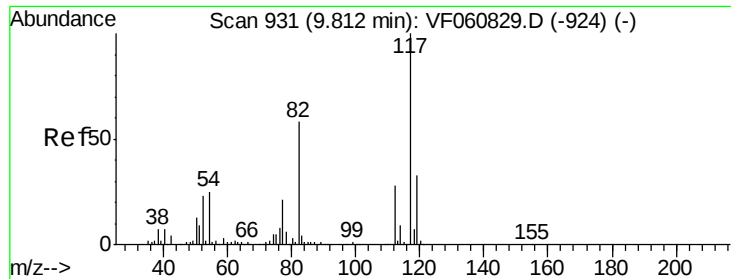
apatel
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#62
4-Bromofluorobenzene
Concen: 46.039 ug/l
RT: 11.40 min Scan# 1092
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion: 95 Resp: 156615
Ion Ratio Lower Upper
95 100
174 64.1 0.0 138.2
176 63.7 0.0 146.2





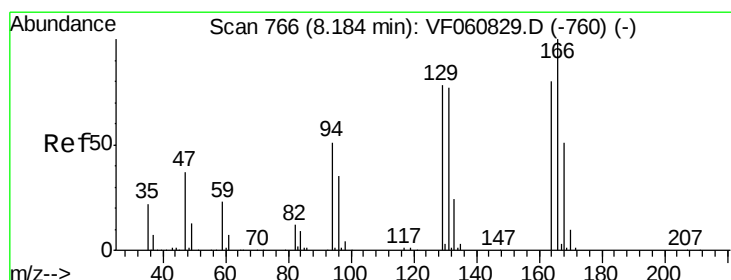
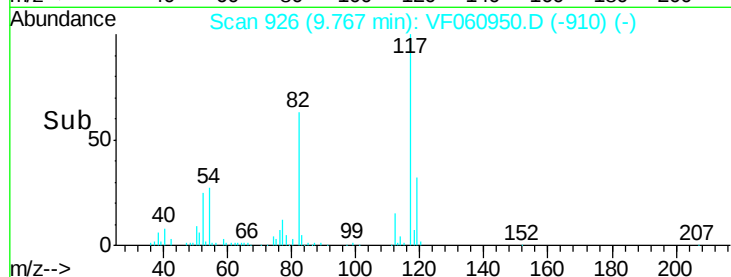
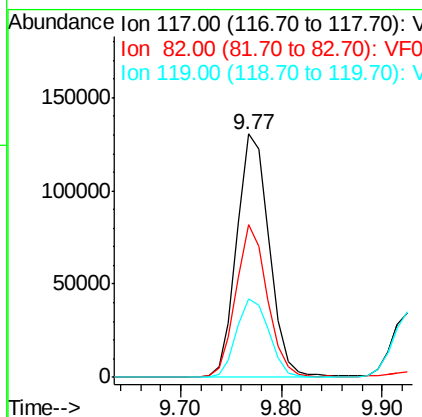
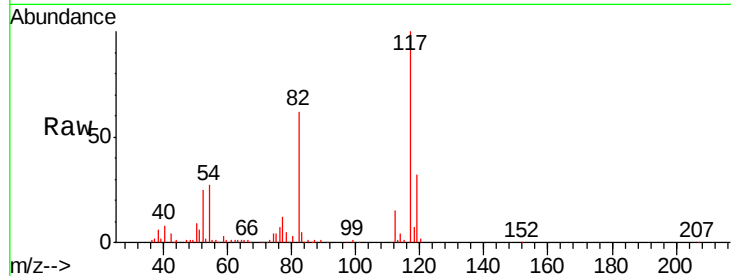
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.77 min Scan# 926
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	293875		
82	62.5	46.6	69.8	
119	32.2	26.4	39.6	

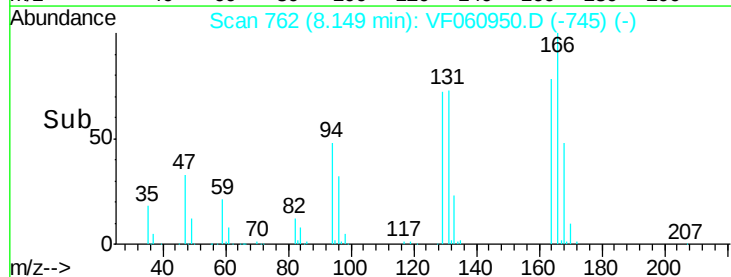
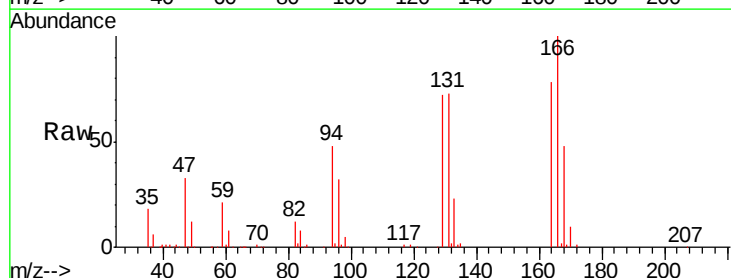
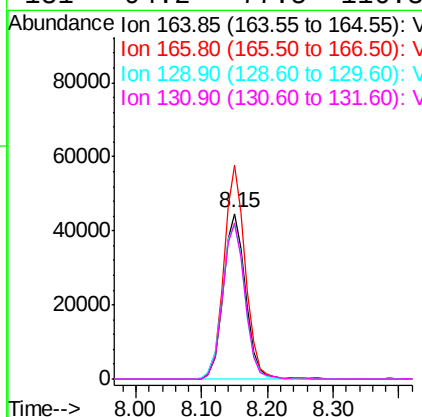
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#64
Tetrachloroethene
Concen: 46.641 ug/l
RT: 8.15 min Scan# 762
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	104692		
166	128.9	100.3	150.5	
129	92.5	77.9	116.9	
131	94.2	77.5	116.3	





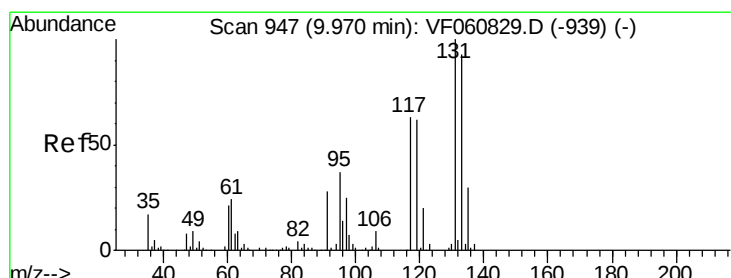
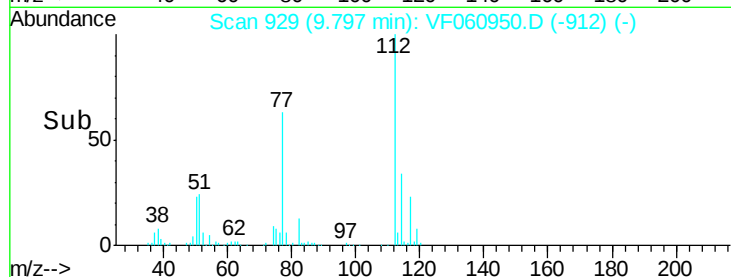
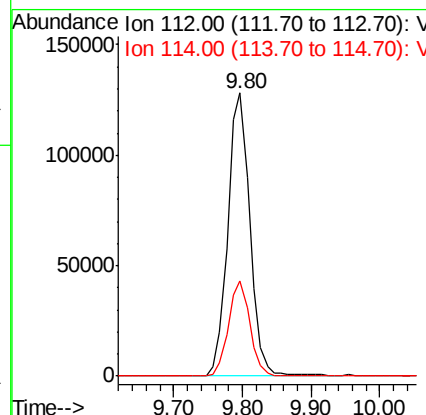
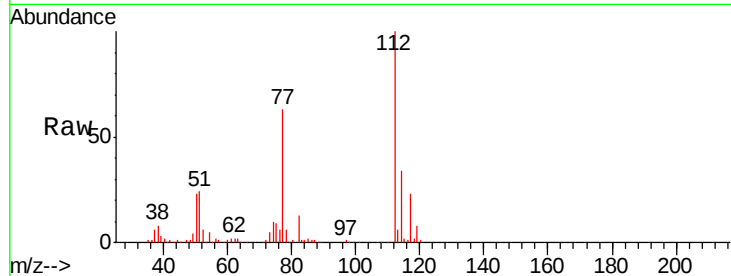
#65
Chlorobenzene
Concen: 49.843 ug/l
RT: 9.80 min Scan# 929
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	284952		
114	33.5	26.0	39.0	

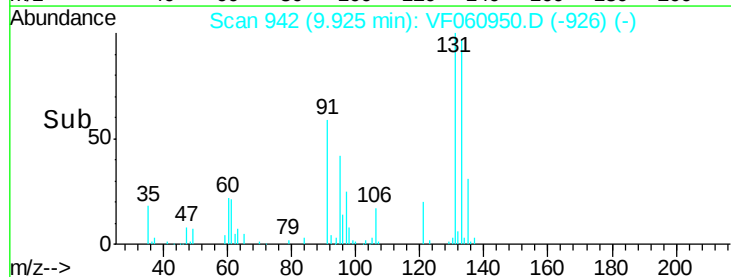
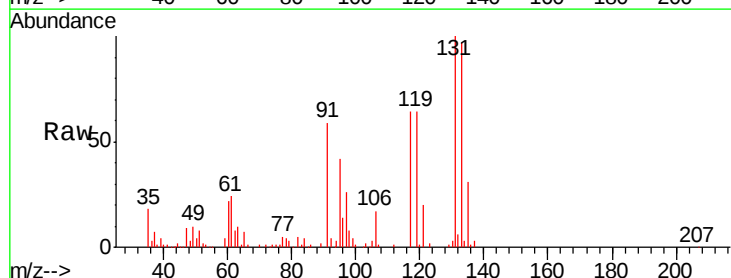
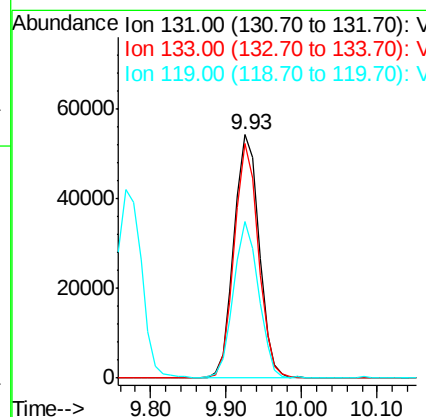
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.861 ug/l
RT: 9.93 min Scan# 942
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	125003		
133	96.6	46.5	139.3	
119	64.4	31.1	93.3	





#67

Ethyl Benzene

Concen: 48.006 ug/l

RT: 9.90 min Scan# 939

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 510948

Ion Ratio Lower Upper

91 100

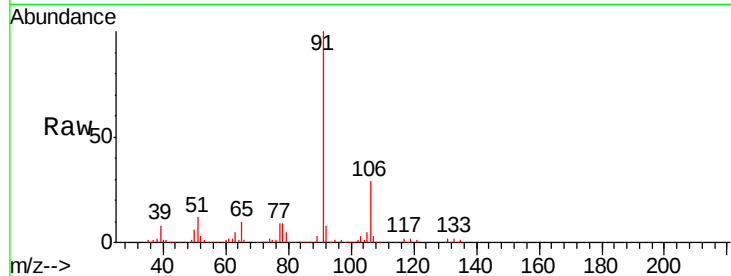
106 29.2 22.2 33.2

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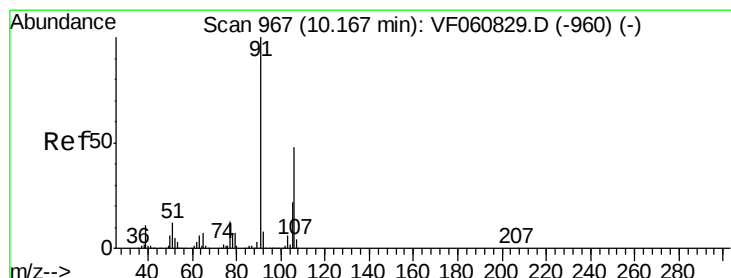
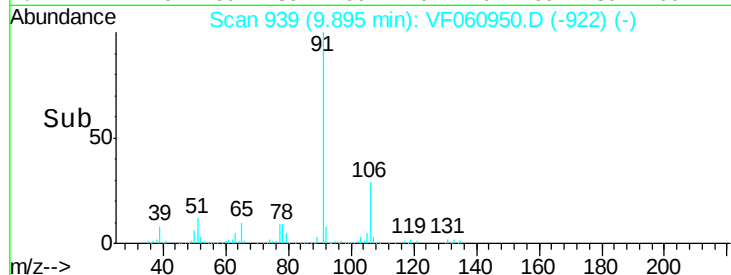
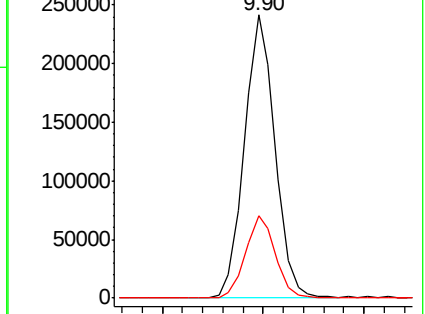
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 91.223 ug/l

RT: 10.13 min Scan# 963

Delta R.T. -0.03 min

Lab File: VF060950.D

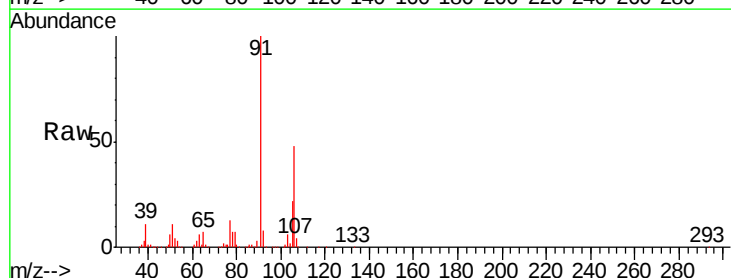
Acq: 10 Dec 2018 13:17

Tgt Ion: 106 Resp: 349200

Ion Ratio Lower Upper

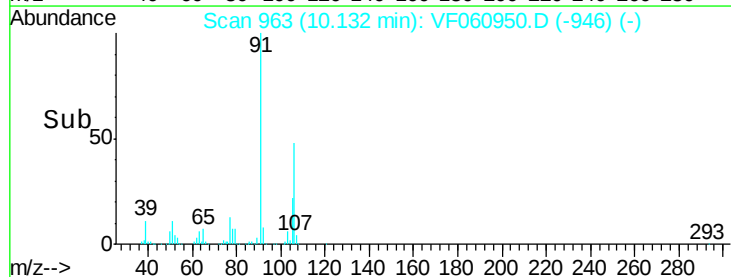
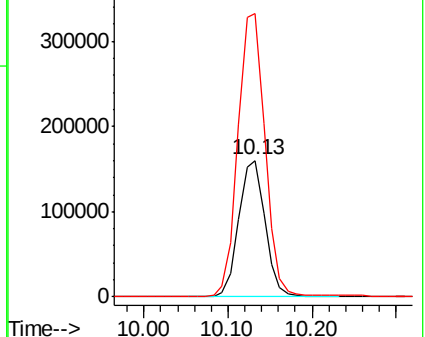
106 100

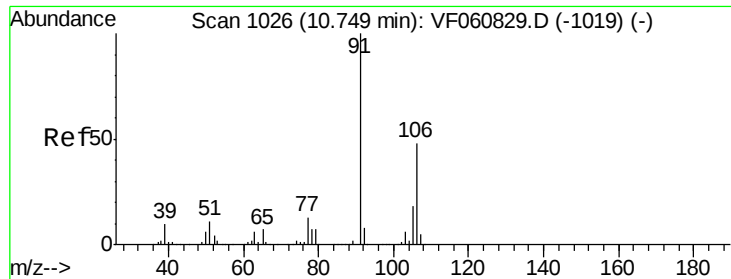
91 207.5 166.7 250.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





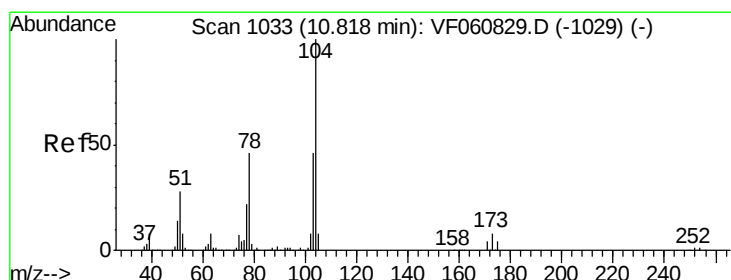
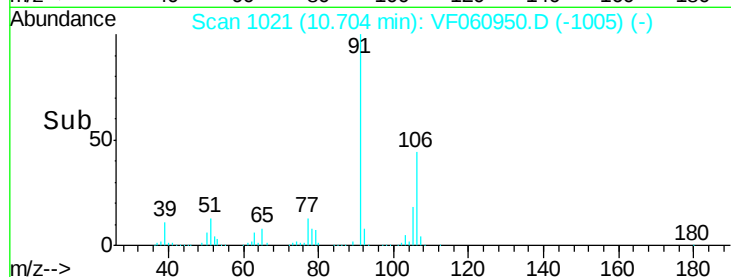
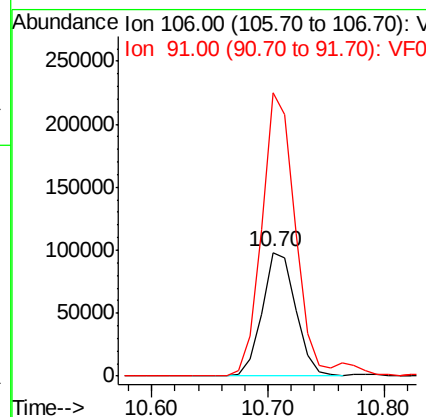
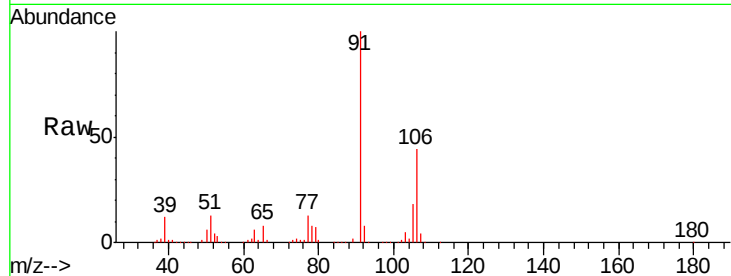
#69
o-Xylene
Concen: 46.230 ug/l
RT: 10.70 min Scan# 1021
Delta R.T. -0.04 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 195146
Ion Ratio Lower Upper
106 100
91 229.0 104.8 314.6

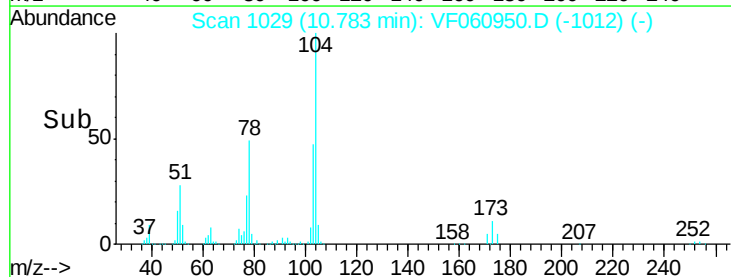
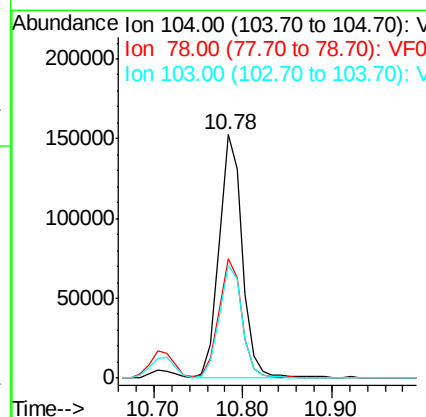
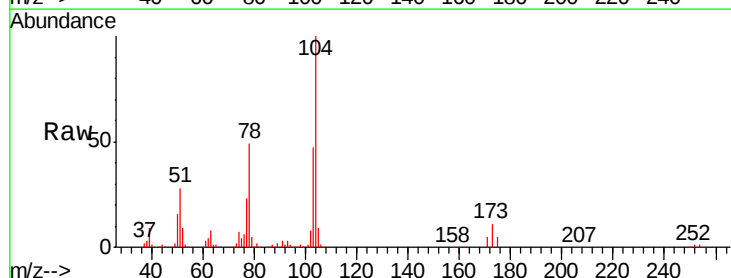
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#70
Styrene
Concen: 47.517 ug/l
RT: 10.78 min Scan# 1029
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion:104 Resp: 278041
Ion Ratio Lower Upper
104 100
78 48.8 37.3 55.9
103 46.7 36.8 55.2





#71

Bromoform

Concen: 47.508 ug/l

RT: 10.77 min Scan# 1028

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

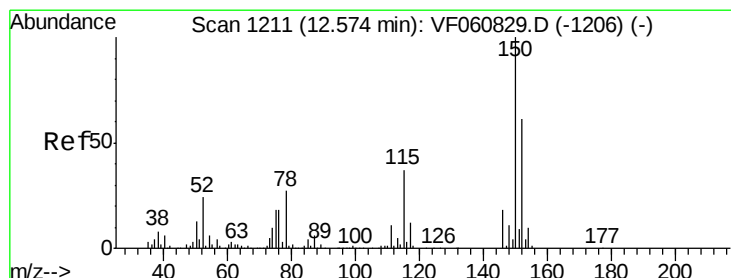
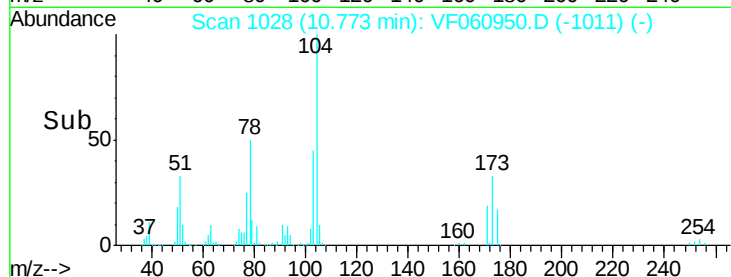
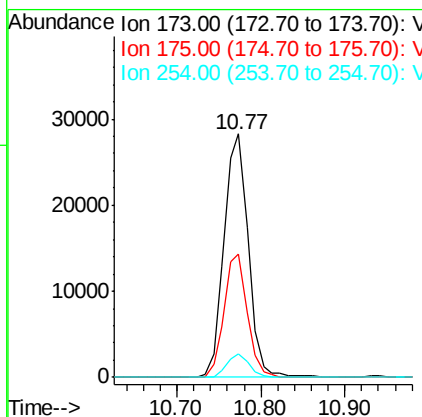
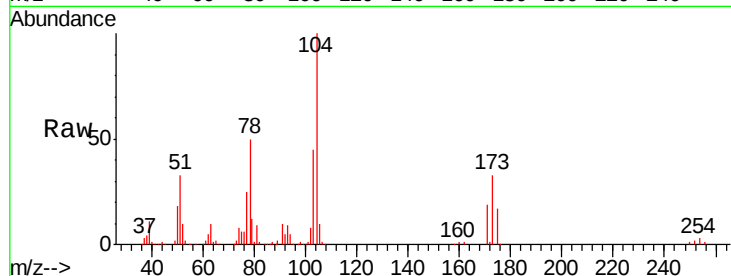
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.5	25.5	76.5
254	9.6	7.5	11.3

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

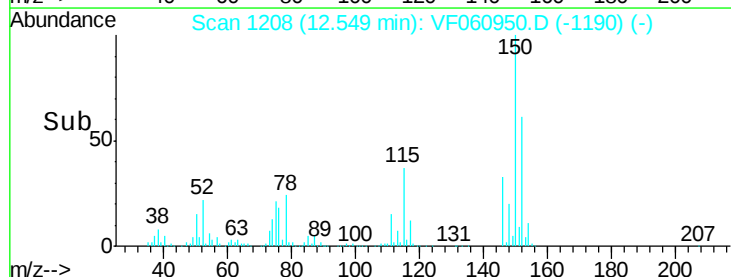
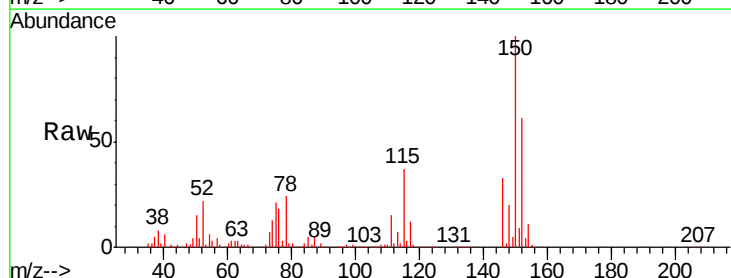
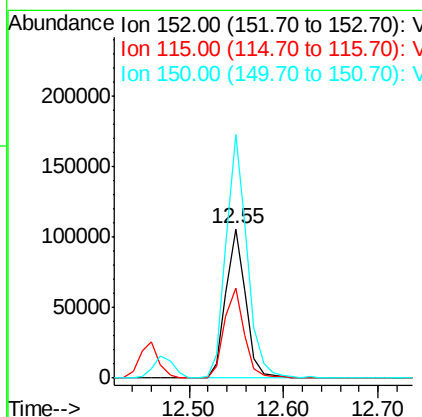
RT: 12.55 min Scan# 1208

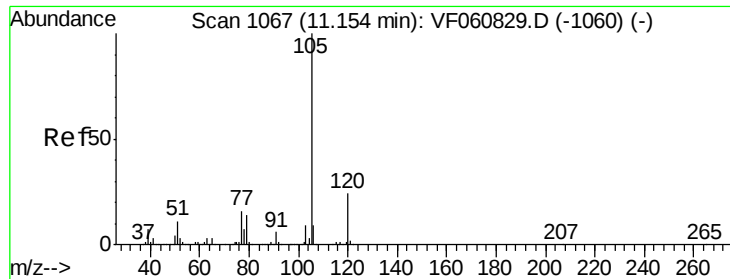
Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	30.1	90.5
150	163.5	0.0	327.6





#73

Isopropylbenzene

Concen: 50.112 ug/l

RT: 11.12 min Scan# 1063

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 610959

Ion Ratio Lower Upper

105 100

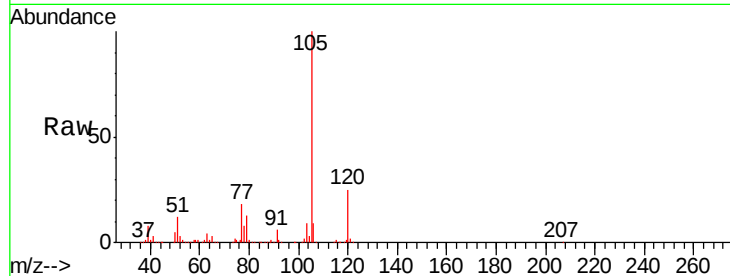
120 25.0 12.2 36.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.12

400000

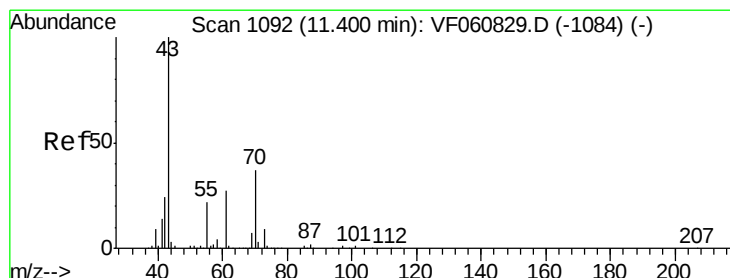
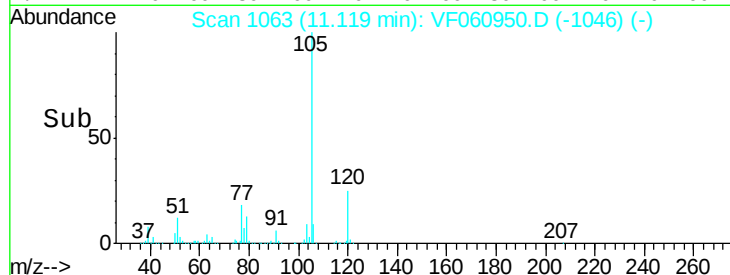
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 47.058 ug/l

RT: 11.37 min Scan# 1088

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Tgt Ion: 43 Resp: 132481

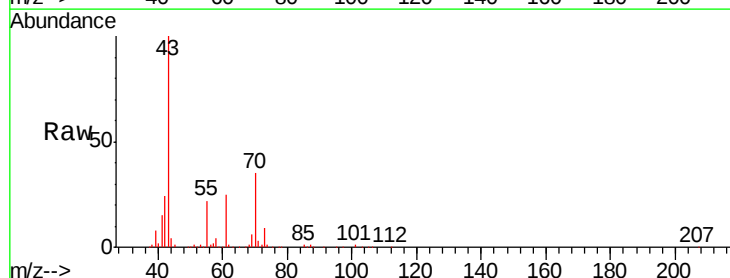
Ion Ratio Lower Upper

43 100

70 35.3 29.6 44.4

55 21.6 17.2 25.8

61 25.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

120000

100000

80000

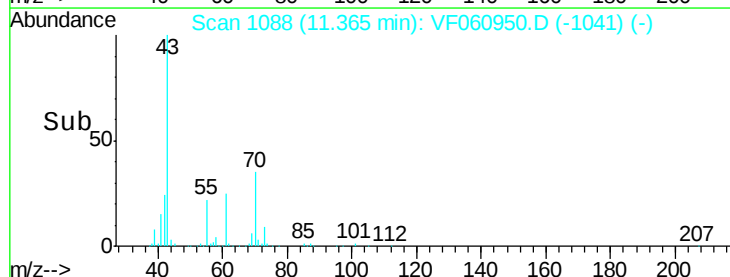
60000

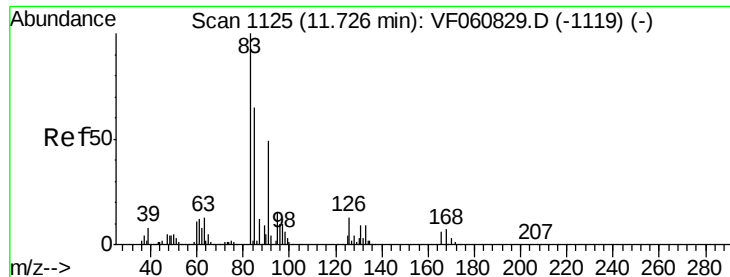
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.732 ug/l

RT: 11.69 min Scan# 1121

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 97782
Ion Ratio Lower Upper

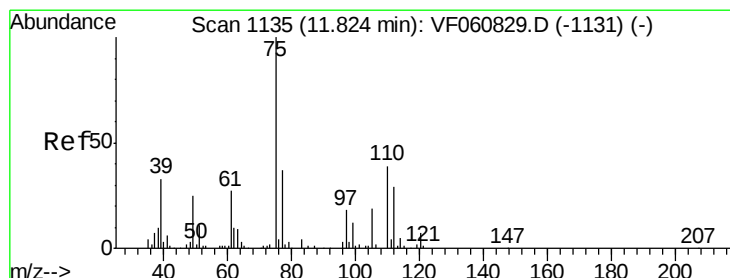
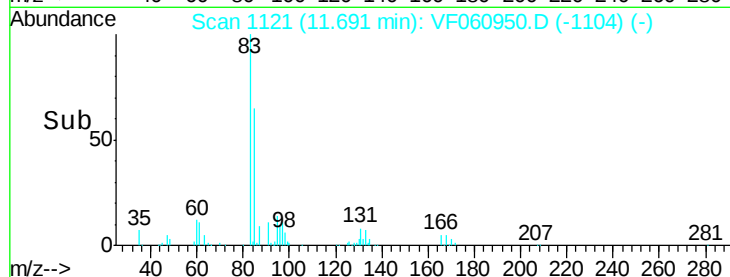
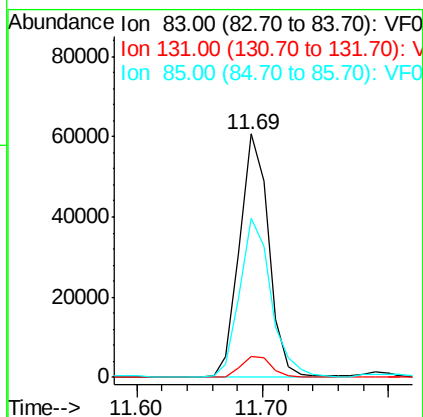
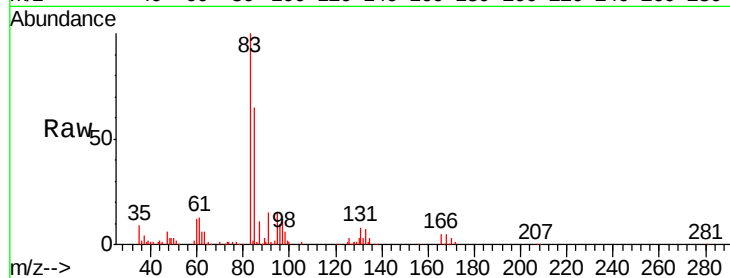
83 100

131 8.5 4.7 14.1

85 65.3 32.6 97.8

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#76

1,2,3-Trichloropropane

Concen: 49.162 ug/l

RT: 11.79 min Scan# 1131

Delta R.T. -0.03 min

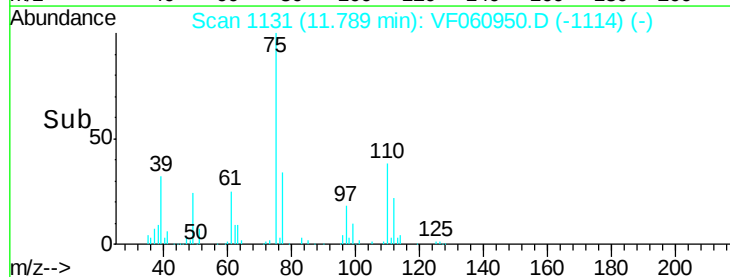
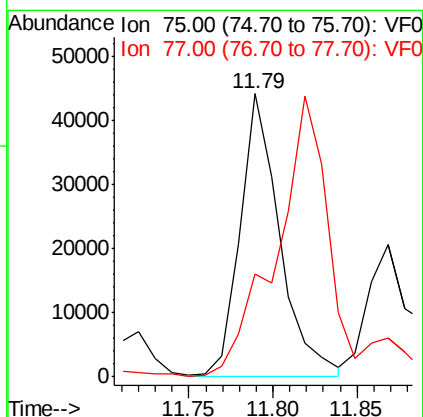
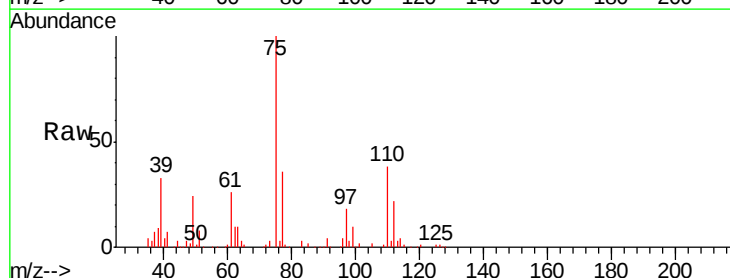
Lab File: VF060950.D

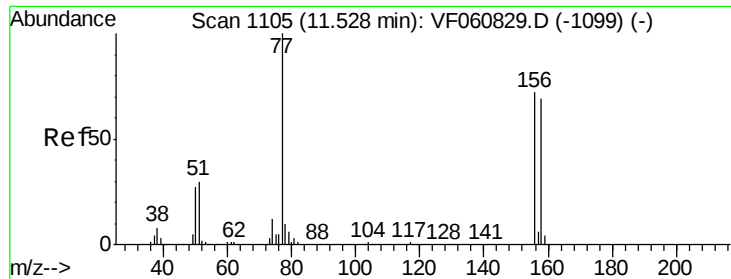
Acq: 10 Dec 2018 13:17

Tgt Ion: 75 Resp: 71700
Ion Ratio Lower Upper

75 100

77 36.4 18.4 55.4





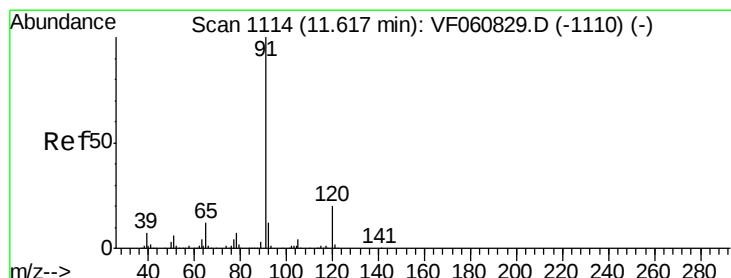
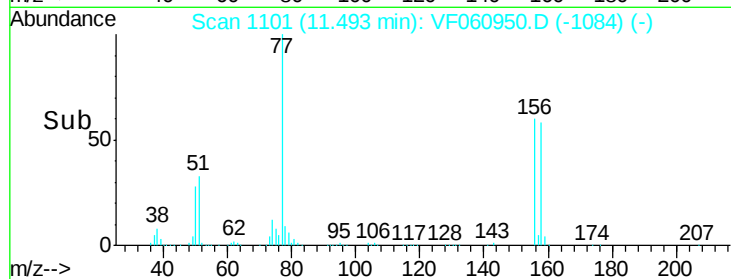
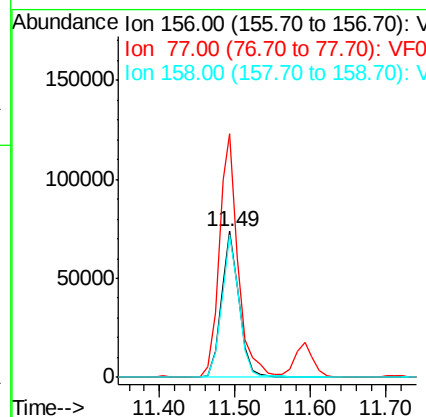
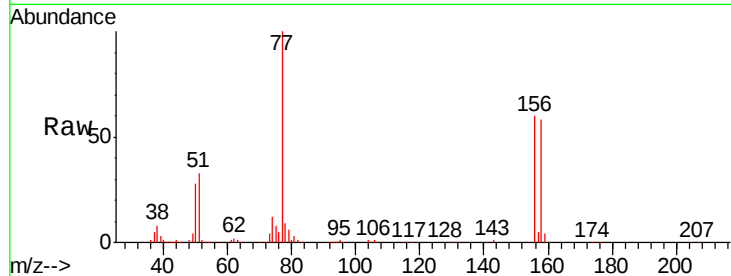
#77
Bromobenzene
Concen: 45.374 ug/l
RT: 11.49 min Scan# 1101
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	166.4	69.7	209.0
158	97.0	47.8	143.4

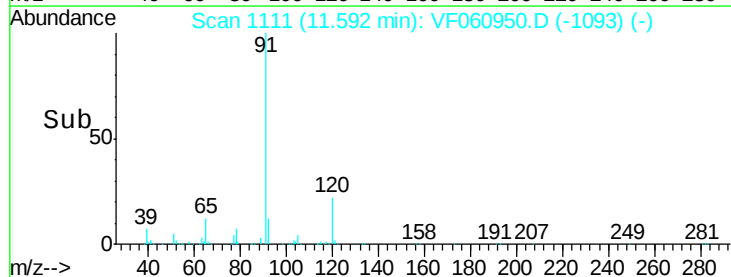
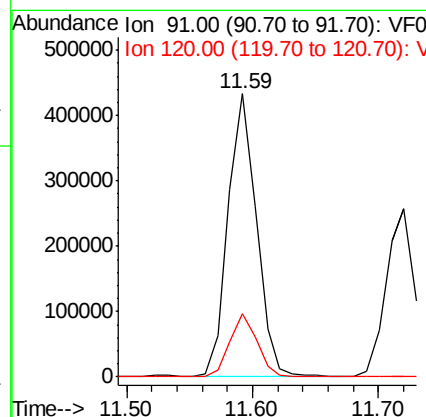
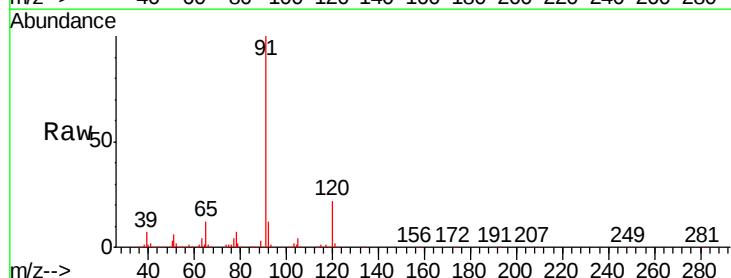
Manual Integrations
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#78
n-propylbenzene
Concen: 47.602 ug/l
RT: 11.59 min Scan# 1111
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	10.3	30.8





#79

2-Chlorotoluene

Concen: 49.510 ug/l

RT: 11.72 min Scan# 1124

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 405317

Ion Ratio Lower Upper

91 100

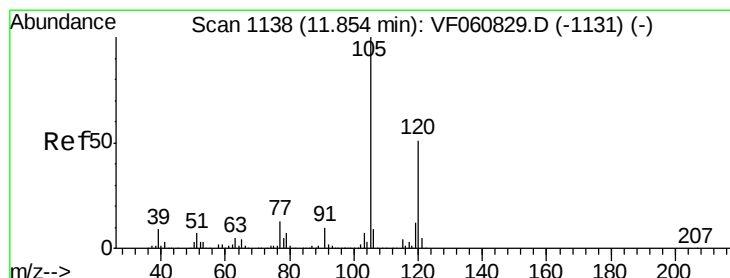
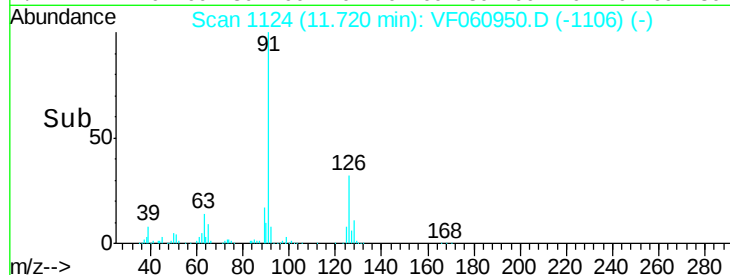
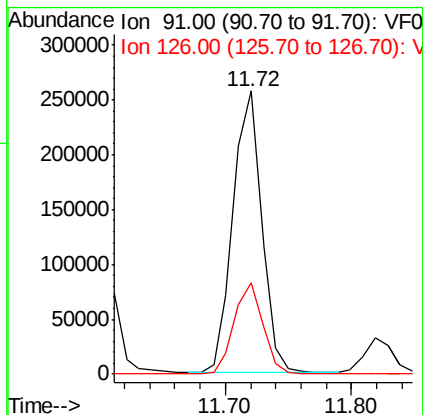
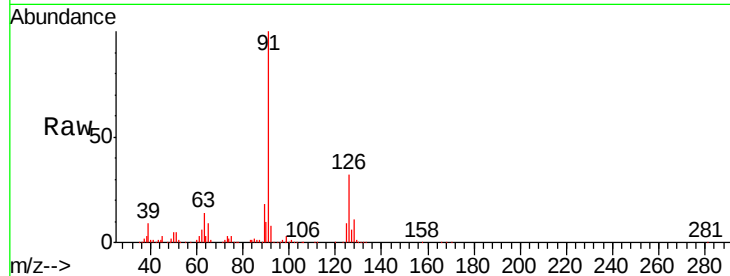
126 32.5 15.9 47.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.798 ug/l

RT: 11.82 min Scan# 1134

Delta R.T. -0.03 min

Lab File: VF060950.D

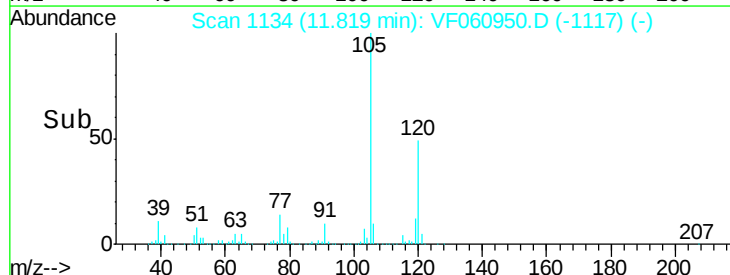
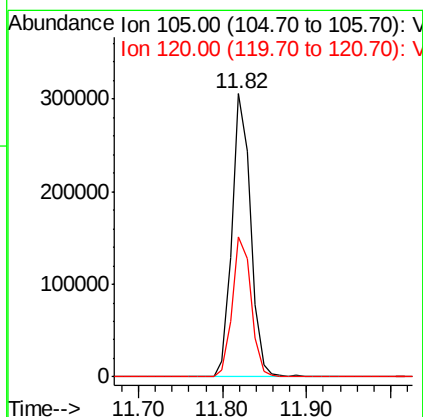
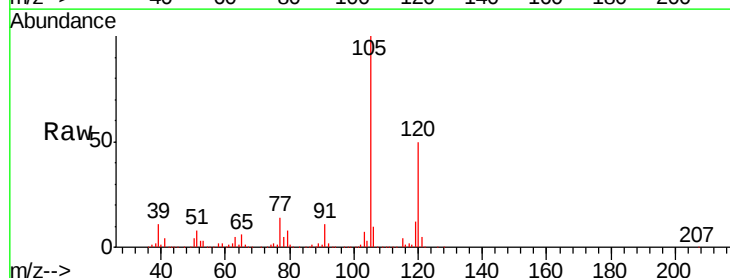
Acq: 10 Dec 2018 13:17

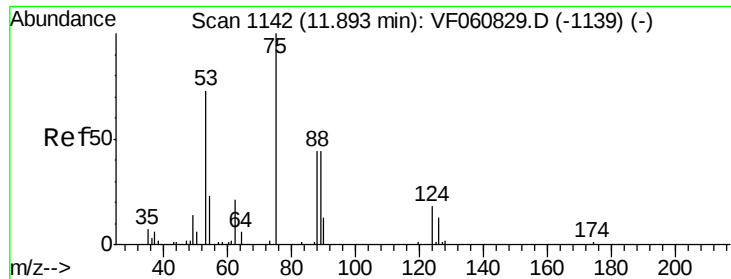
Tgt Ion: 105 Resp: 473078

Ion Ratio Lower Upper

105 100

120 49.6 25.8 77.3





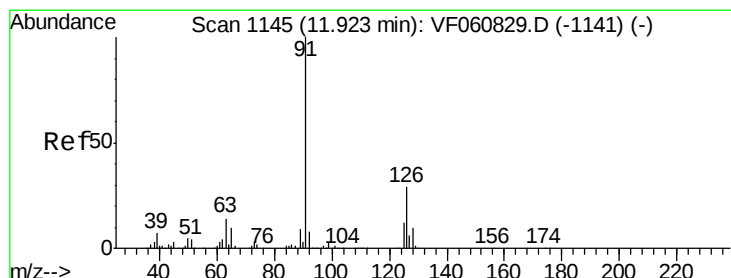
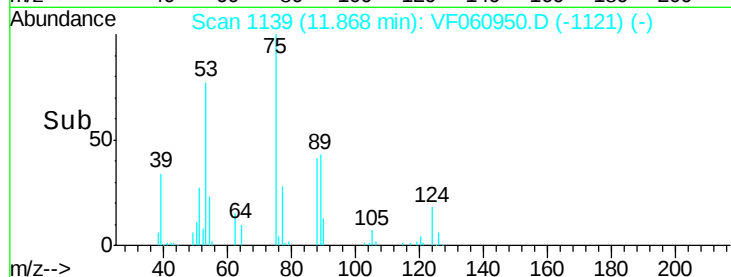
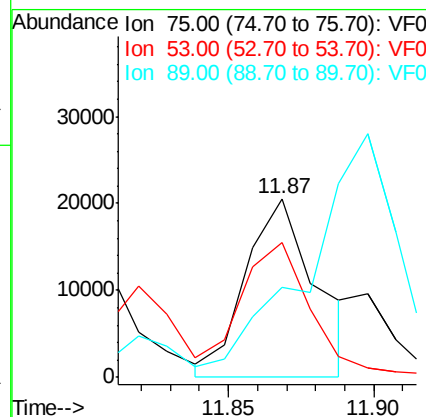
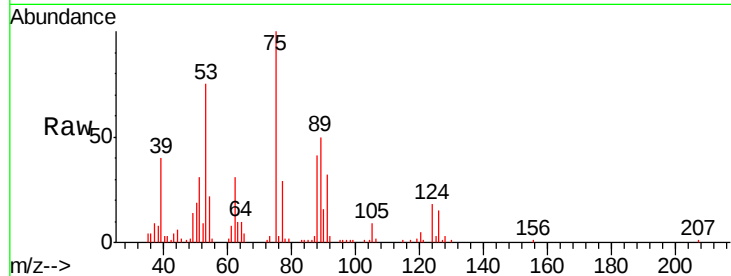
#81
trans-1,4-Dichloro-2-butene
Concen: 48.709 ug/l m
RT: 11.87 min Scan# 1139
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	75.0	65.9	98.9
89	50.0	38.8	58.2

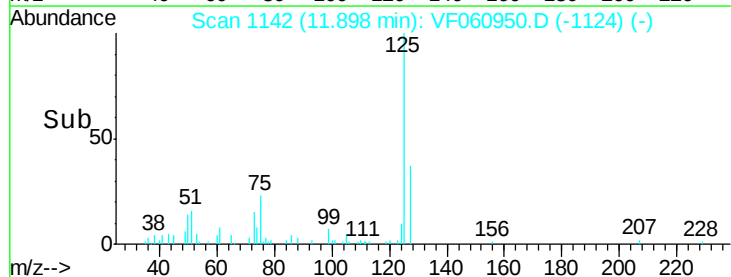
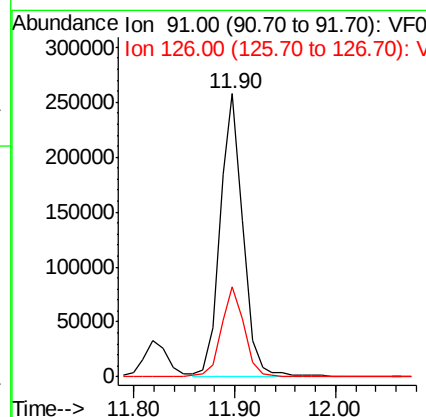
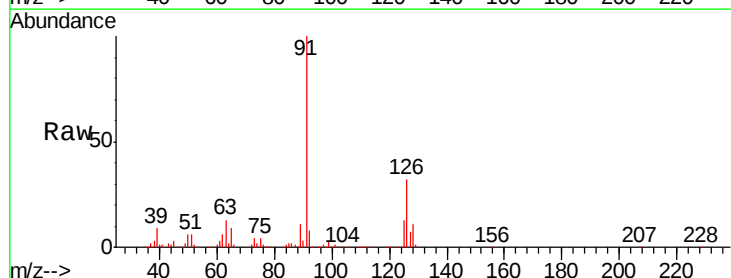
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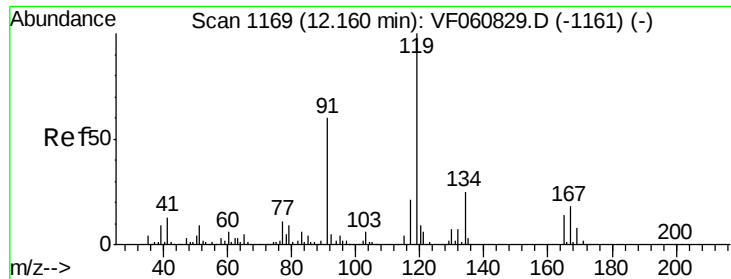
apatel
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#82
4-Chlorotoluene
Concen: 46.873 ug/l
RT: 11.90 min Scan# 1142
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	14.8	44.4





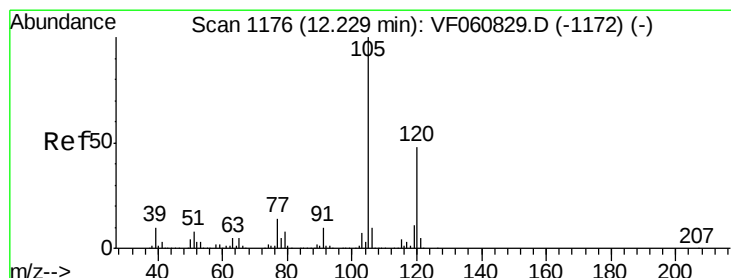
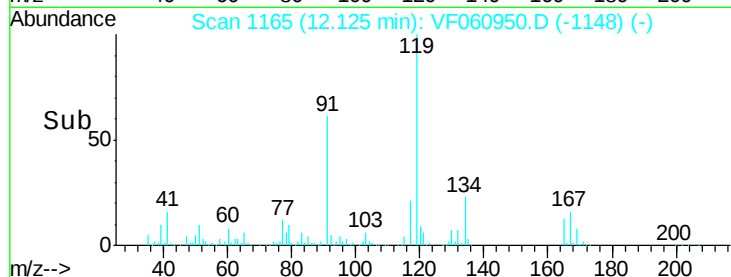
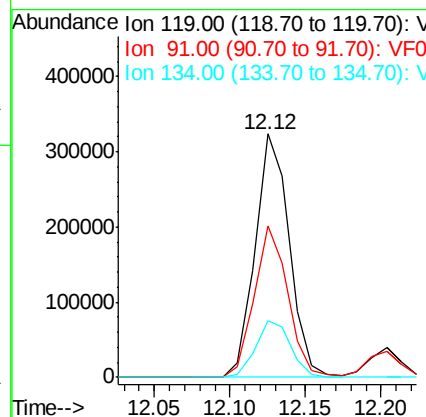
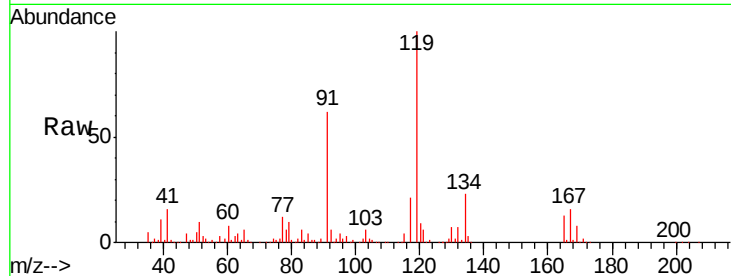
#83
 tert-Butylbenzene
 Concen: 50.773 ug/l
 RT: 12.12 min Scan# 1165
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	511891		
91	62.2	30.1	90.3	
134	23.1	12.6	37.8	

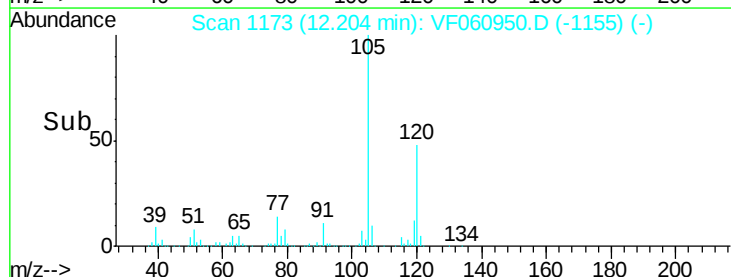
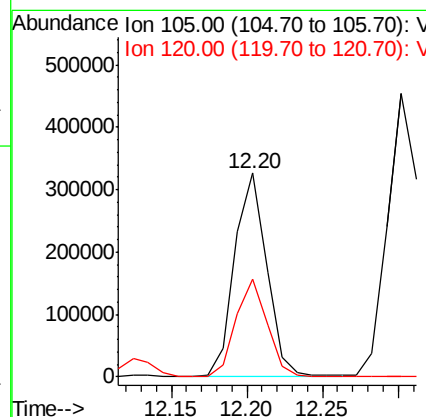
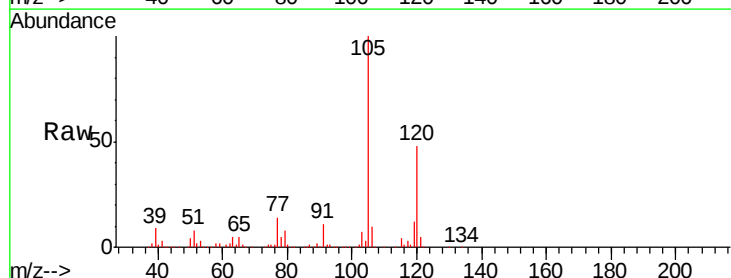
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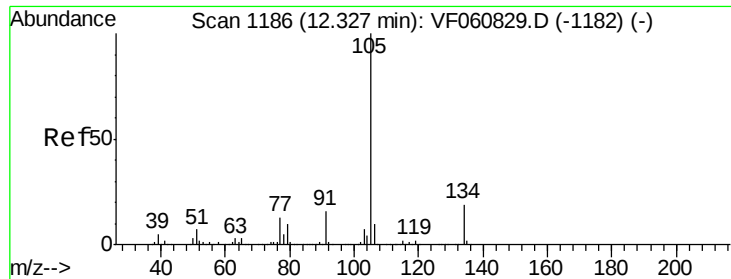
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.003 ug/l
 RT: 12.20 min Scan# 1173
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	484047		
120	47.9	23.8	71.5	





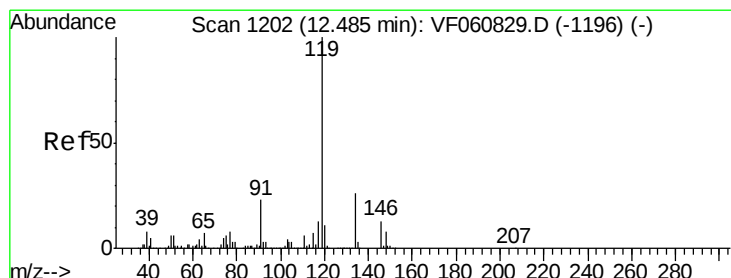
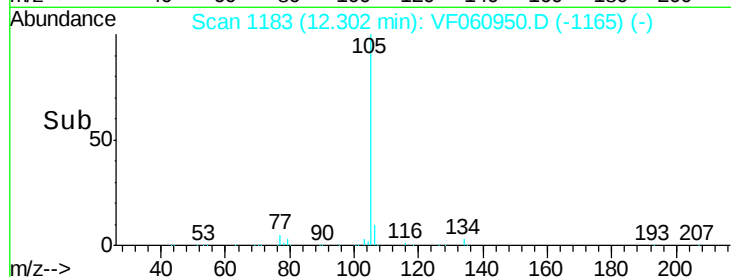
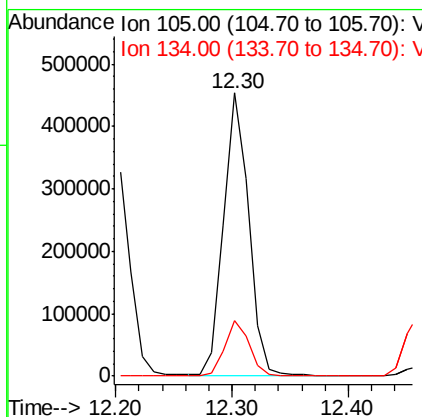
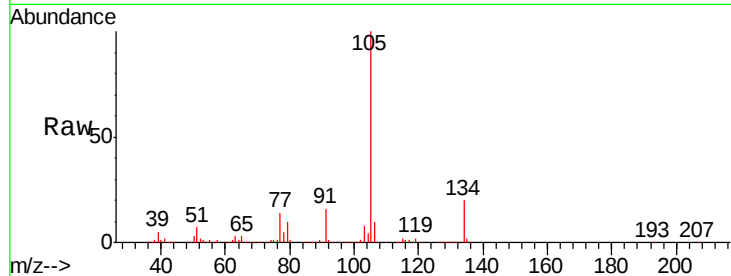
#85
 sec-Butylbenzene
 Concen: 49.327 ug/l
 RT: 12.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	680782		
134	19.7	9.5	28.5	

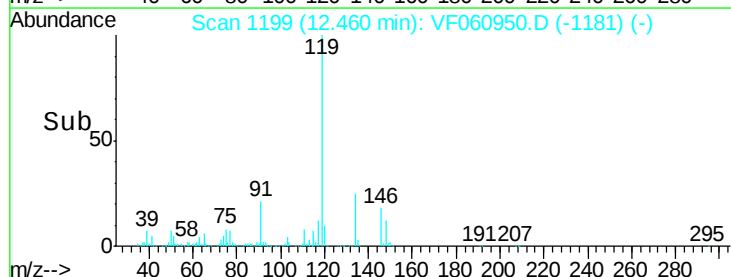
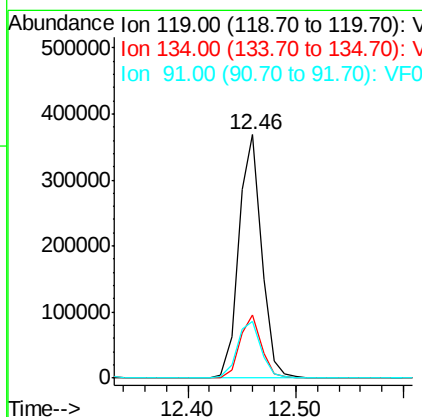
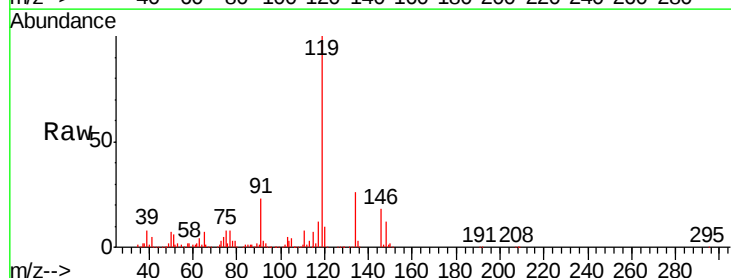
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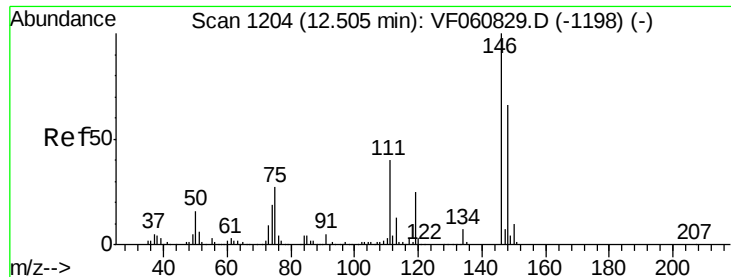
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#86
 p-Isopropyltoluene
 Concen: 46.505 ug/l
 RT: 12.46 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	538114		
134	25.7	12.9	38.6	
91	23.3	11.8	35.3	





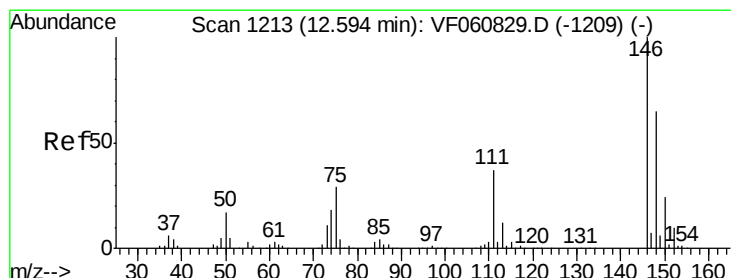
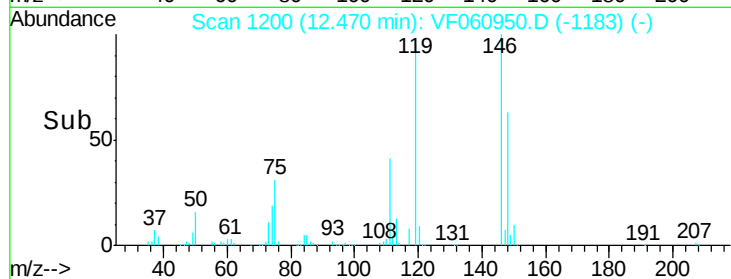
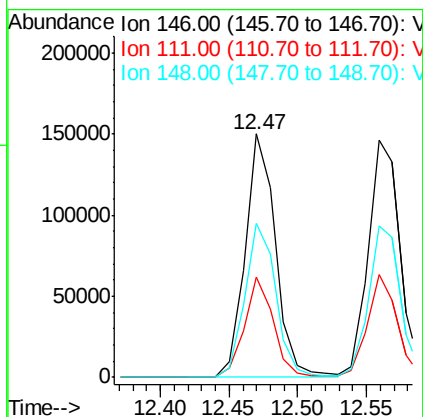
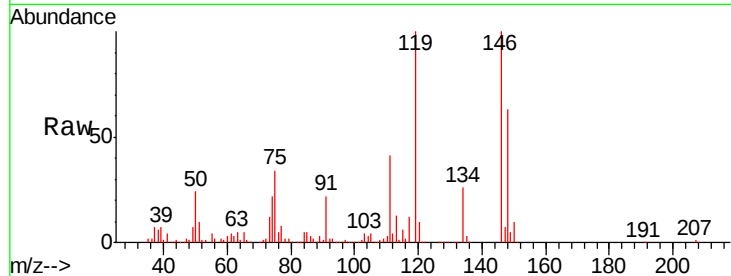
#87
 1,3-Dichlorobenzene
 Concen: 45.614 ug/l
 RT: 12.47 min Scan# 1200
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	231914		
111	41.1	20.0	59.9	
148	63.0	32.9	98.6	

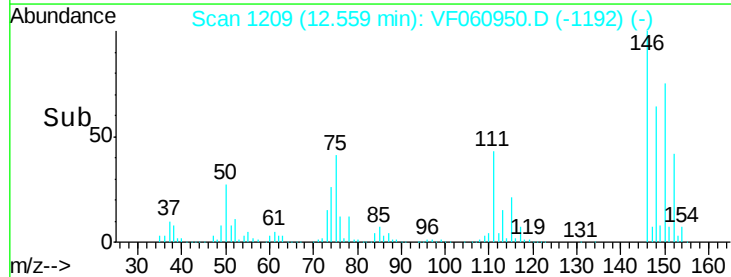
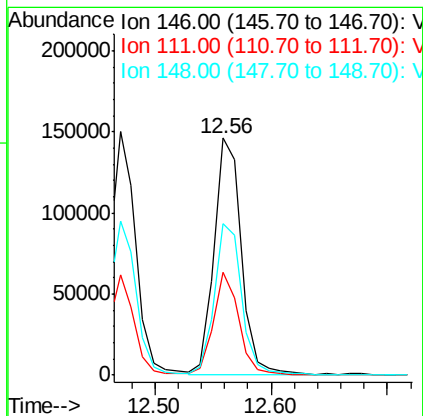
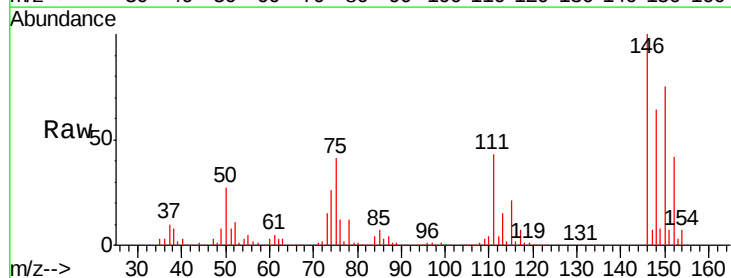
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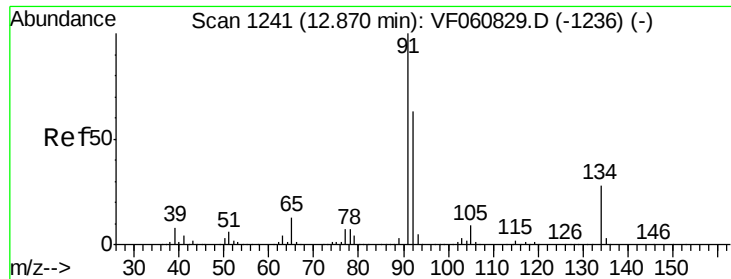
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#88
 1,4-Dichlorobenzene
 Concen: 47.589 ug/l
 RT: 12.56 min Scan# 1209
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	235792		
111	43.3	18.9	56.7	
148	64.1	32.3	96.9	





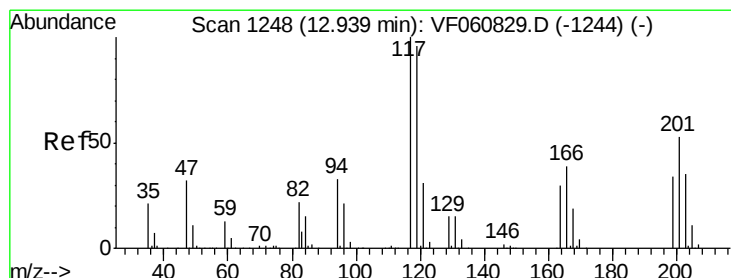
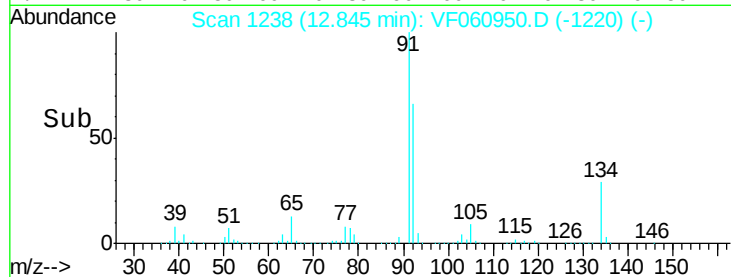
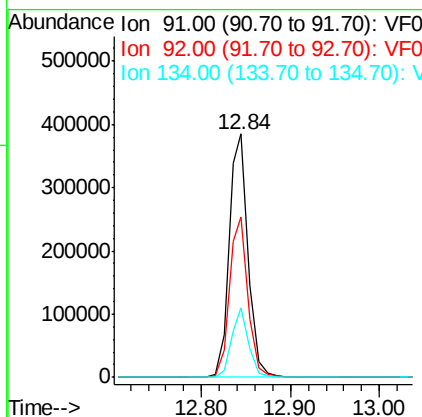
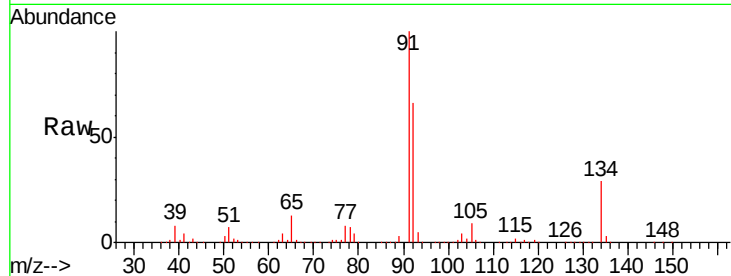
#89
n-Butylbenzene
Concen: 49.548 ug/l
RT: 12.84 min Scan# 1238
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	66.0	31.6	94.7
134	28.7	13.8	41.4

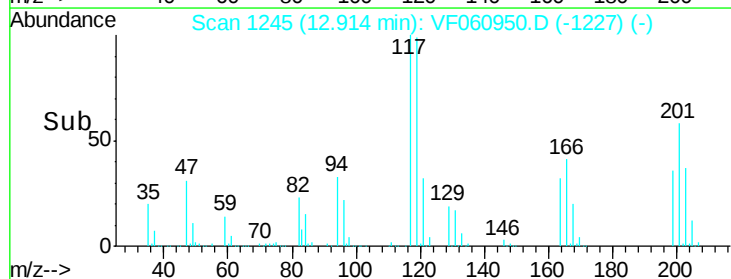
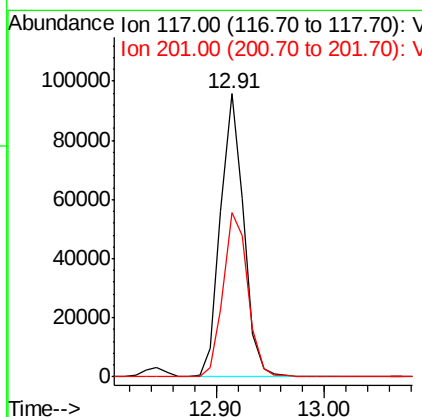
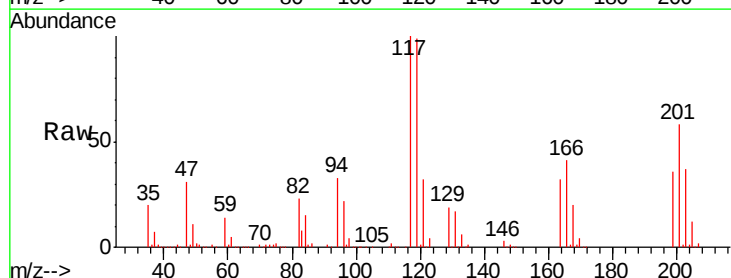
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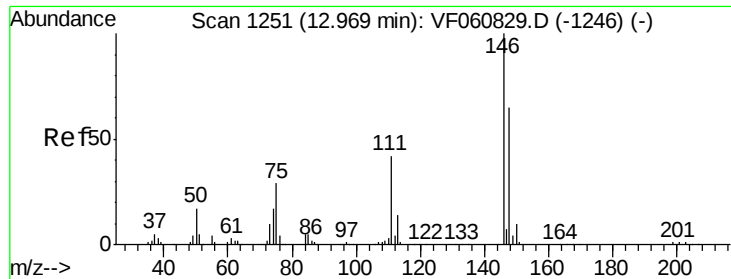
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#90
Hexachloroethane
Concen: 51.329 ug/l
RT: 12.91 min Scan# 1245
Delta R.T. -0.03 min
Lab File: VF060950.D
Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	58.2	26.7	80.1





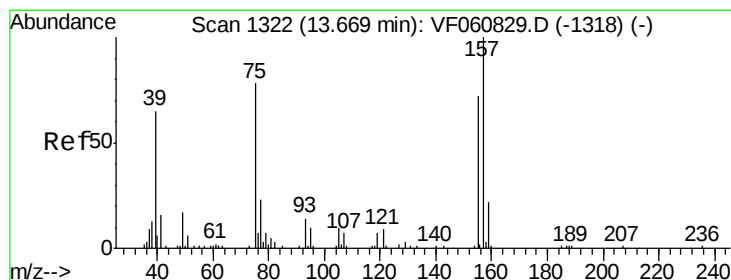
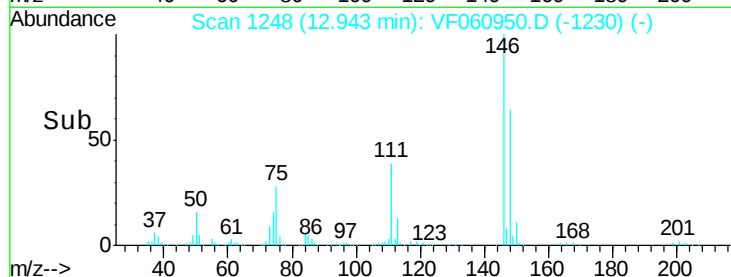
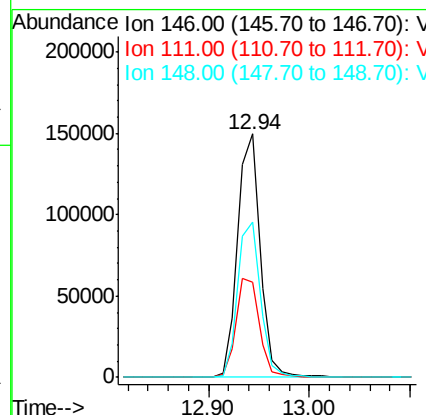
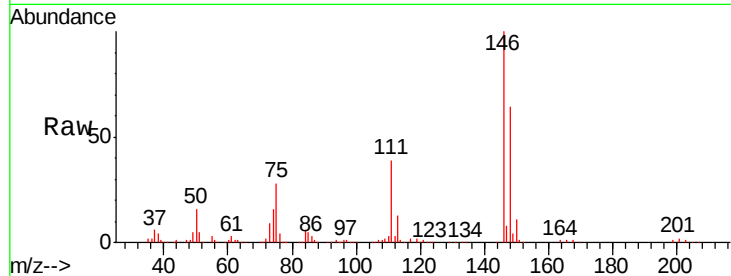
#91
 1,2-Dichlorobenzene
 Concen: 48.229 ug/l
 RT: 12.94 min Scan# 1248
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	232211		
111	39.3	21.2	63.6	
148	63.9	32.5	97.5	

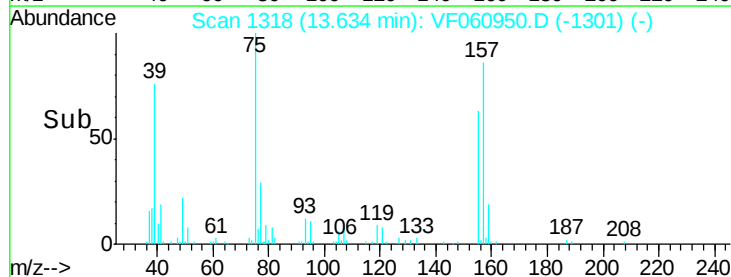
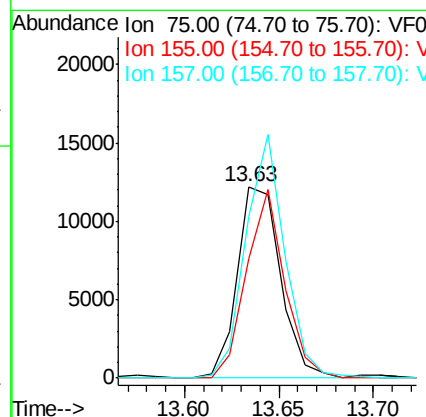
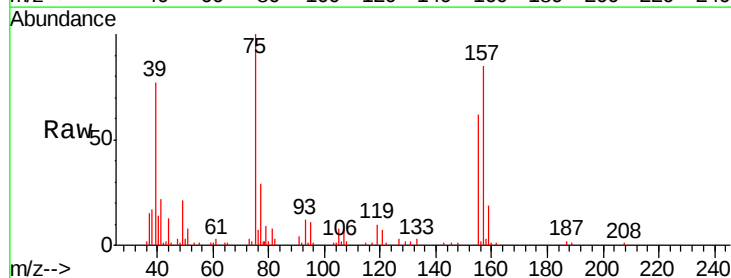
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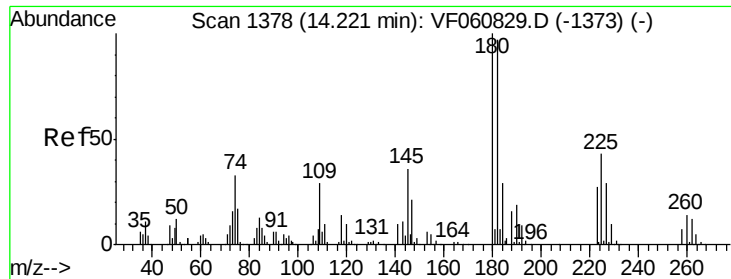
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.864 ug/l
 RT: 13.63 min Scan# 1318
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19344		
155	62.2	45.6	136.9	
157	84.7	63.8	191.5	





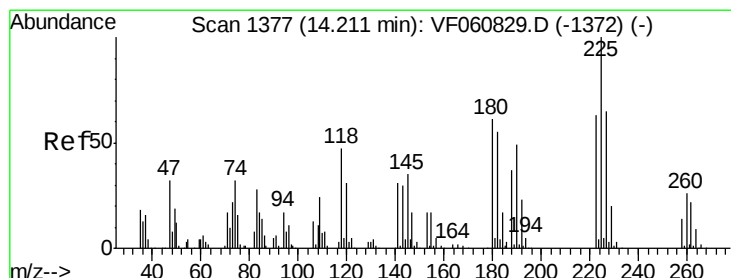
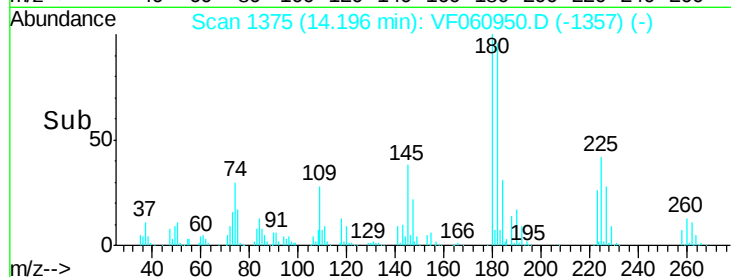
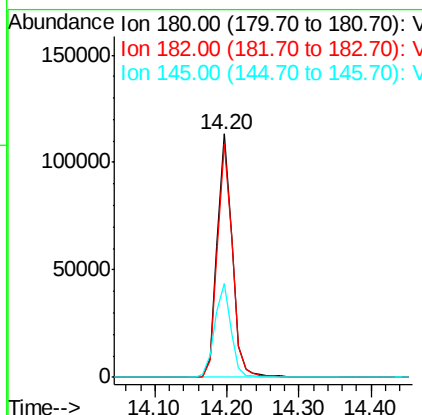
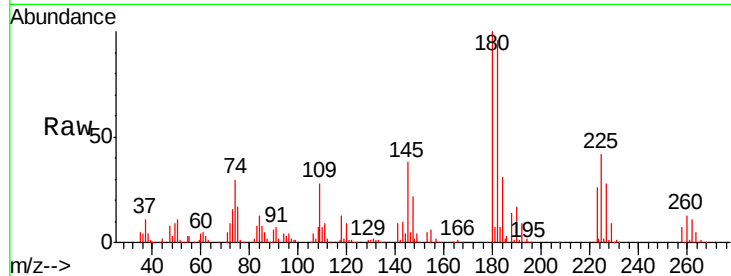
#93
 1,2,4-Trichlorobenzene
 Concen: 48.182 ug/l
 RT: 14.20 min Scan# 1375
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	162093		
182	95.6	48.5	145.5	
145	38.5	18.1	54.3	

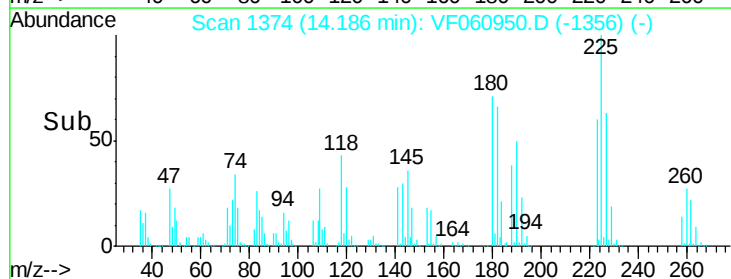
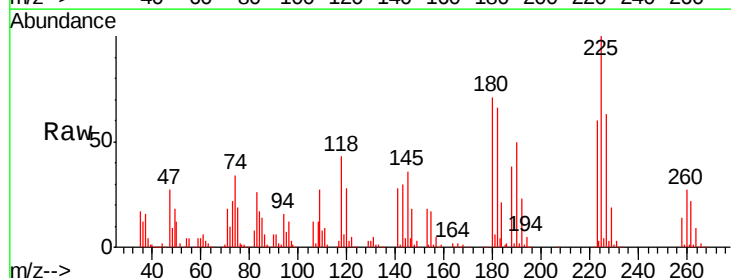
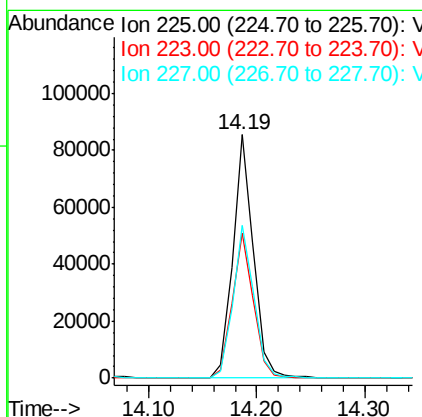
Manual Integrations
 APPROVED

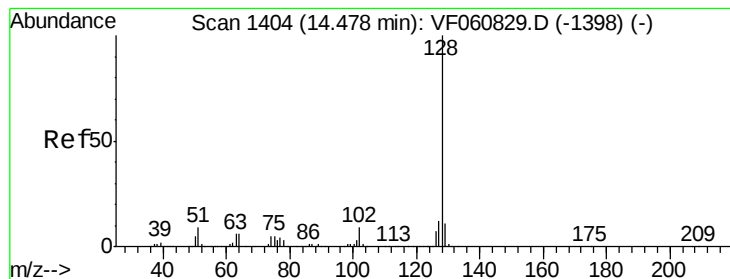
apatel
 12/11/2018 11:32:11 AM



#94
 Hexachlorobutadiene
 Concen: 50.528 ug/l
 RT: 14.19 min Scan# 1374
 Delta R.T. -0.03 min
 Lab File: VF060950.D
 Acq: 10 Dec 2018 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	113316		
223	59.8	31.4	94.3	
227	62.9	32.5	97.5	





#95

Naphthalene

Concen: 46.923 ug/l

RT: 14.45 min Scan# 1401

Delta R.T. -0.02 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Instrument :

MSVOA_F

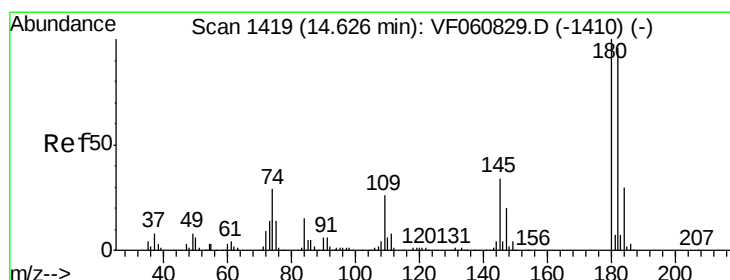
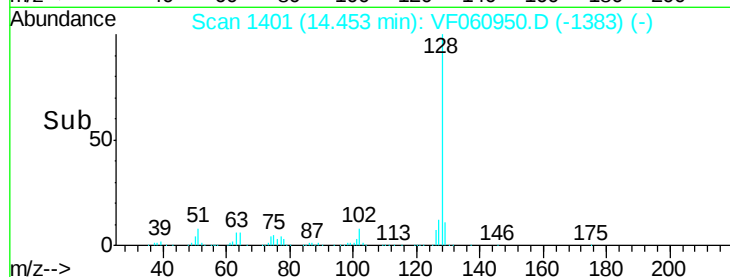
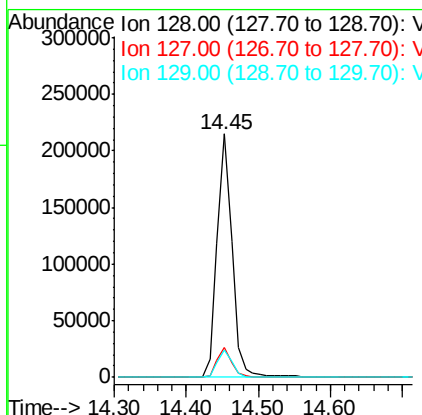
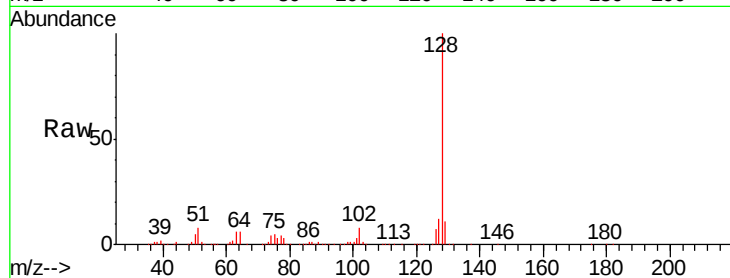
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	307796
Ion Ratio		Lower	Upper
128	100		
127	12.5	9.9	14.9
129	11.1	9.1	13.7

Manual Integrations
APPROVED

apatel
12/11/2018 11:32:11 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.862 ug/l

RT: 14.60 min Scan# 1416

Delta R.T. -0.03 min

Lab File: VF060950.D

Acq: 10 Dec 2018 13:17

Tgt Ion:	180	Resp:	155754
Ion Ratio		Lower	Upper
180	100		
182	95.1	47.9	143.8
145	32.2	17.2	51.5

