

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060319\
 Data File : VF062834.D
 Acq On : 3 Jun 2019 17:51
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00u/5mL/MSVOA F/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 12:15:54 PM

Quant Time: Jun 04 09:16:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	886057	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.78	114	1390583	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.92	117	1153670	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.61	152	607708	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.04	65	328243	53.57	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	4.32	113	583701	55.55	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	111.10%	
50) Toluene-d8	7.72	98	1470241	55.33	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	110.66%	
62) 4-Bromofluorobenzene	11.49	95	556219	58.19	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	116.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.01	85	484496	48.168	ug/l	97
3) Chloromethane	1.15	50	446864	48.741	ug/l	98
4) Vinyl Chloride	1.19	62	433423	47.573	ug/l	98
5) Bromomethane	1.40	94	248987	47.921	ug/l	95
6) Chloroethane	1.45	64	167930	49.299	ug/l #	84
7) Trichlorofluoromethane	1.57	101	668645	51.842	ug/l	95
8) Diethyl Ether	1.72	74	118570	46.727	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	1.91	101	405049	49.952	ug/l	99
10) Methyl Iodide	1.99	142	843793	51.898	ug/l	96
11) Tert butyl alcohol	2.70	59	99629	268.414	ug/l #	93
12) 1,1-Dichloroethene	1.87	96	372999	50.657	ug/l	88
13) Acrolein	2.10	56	39346	265.865	ug/l	97
14) Allyl chloride	2.20	41	396483	69.408	ug/l	98
15) Acrylonitrile	3.09	53	309208	221.698	ug/l #	95
16) Acetone	2.36	43	365310	260.496	ug/l	99
17) Carbon Disulfide	1.91	76	1078376	50.109	ug/l	99
18) Methyl Acetate	2.46	43	103387	42.188	ug/l	97
19) Methyl tert-butyl Ether	2.55	73	706449	52.957	ug/l	98
20) Methylene Chloride	2.29	84	374229m	53.499	ug/l	
21) trans-1,2-Dichloroethene	2.43	96	382131	51.760	ug/l	98
22) Diisopropyl ether	2.94	45	800002	49.294	ug/l	94
23) Vinyl Acetate	3.34	43	2824377	254.205	ug/l	98
24) 1,1-Dichloroethane	3.02	63	599061	49.438	ug/l	99
25) 2-Butanone	4.52	43	835746	255.909	ug/l	99
26) 2,2-Dichloropropane	3.79	77	418850	60.877	ug/l	98
27) cis-1,2-Dichloroethene	3.66	96	674122	54.321	ug/l	96
28) Bromochloromethane	3.91	49	337563	51.214	ug/l	96
29) Tetrahydrofuran	4.27	42	346590	277.478	ug/l	96
30) Chloroform	4.06	83	916778	53.682	ug/l	98
31) Cyclohexane	3.88	56	806736	49.175	ug/l	96
32) 1,1,1-Trichloroethane	4.30	97	599692	60.312	ug/l	97
36) 1,1-Dichloropropene	4.49	75	718719	56.143	ug/l	99
37) Ethyl Acetate	4.31	43	284792	58.197	ug/l #	84
38) Carbon Tetrachloride	4.19	117	532924	61.597	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.64	83	914412	57.392	ug/l	97
40) Benzene	4.83	78	2089743	56.089	ug/l	99
41) Methacrylonitrile	4.94	41	168708	62.015	ug/l	94
42) 1,2-Dichloroethane	5.14	62	418992	59.129	ug/l	91
43) Isopropyl Acetate	7.12	43	396621	61.354	ug/l #	99
44) Trichloroethene	5.69	130	592684	56.366	ug/l	96
45) 1,2-Dichloropropane	6.41	63	526138	56.274	ug/l	96
46) Dibromomethane	6.27	93	301896	55.306	ug/l	91
47) Bromodichloromethane	6.56	83	652215	58.668	ug/l	95
48) Methyl methacrylate	6.88	41	203456	61.069	ug/l	99
49) 1,4-Dioxane	6.88	88	47767	1087.744	ug/l #	93
51) 4-Methyl-2-Pentanone	8.41	43	1353833	293.339	ug/l	99
52) Toluene	7.79	92	1143043	56.961	ug/l	100
53) t-1,3-Dichloropropene	8.43	75	534289	57.999	ug/l	94
54) cis-1,3-Dichloropropene	7.46	75	743085	55.726	ug/l	98
55) 1,1,2-Trichloroethane	8.64	97	360859	60.193	ug/l	97
56) Ethyl methacrylate	8.75	69	411953	64.042	ug/l	96
57) 1,3-Dichloropropane	9.00	76	586372	59.895	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.45	63	594008	264.228	ug/l	100
59) 2-Hexanone	9.62	43	989698	300.856	ug/l	97
60) Dibromochloromethane	8.86	129	461315	62.153	ug/l	99
61) 1,2-Dibromoethane	9.13	107	374396	60.132	ug/l	98
64) Tetrachloroethene	8.31	164	439252	49.548	ug/l	97
65) Chlorobenzene	9.94	112	1180715	52.996	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.06	131	462171	52.088	ug/l	98
67) Ethyl Benzene	10.04	91	1984308	51.902	ug/l	98
68) m/p-Xylenes	10.26	106	1531037	104.650	ug/l	99
69) o-Xylene	10.82	106	799831	53.997	ug/l	96
70) Styrene	10.89	104	1222163	55.979	ug/l	99
71) Bromoform	10.88	173	258963	60.840	ug/l #	97
73) Isopropylbenzene	11.22	105	2070014	48.817	ug/l	99
74) N-amyl acetate	11.44	43	583389	48.815	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.77	83	467692	51.648	ug/l	96
76) 1,2,3-Trichloropropane	11.87	75	303578	50.576	ug/l	94
77) Bromobenzene	11.58	156	529428	49.692	ug/l	94
78) n-propylbenzene	11.67	91	2418858	47.244	ug/l	98
79) 2-Chlorotoluene	11.80	91	1427759	48.736	ug/l	93
80) 1,3,5-Trimethylbenzene	11.90	105	1610620	46.446	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.94	75	142029m	55.890	ug/l	
82) 4-Chlorotoluene	11.98	91	1392465	48.366	ug/l	99
83) tert-Butylbenzene	12.19	119	1770501	51.527	ug/l	98
84) 1,2,4-Trimethylbenzene	12.27	105	1644742	50.025	ug/l	97
85) sec-Butylbenzene	12.37	105	2245297	49.591	ug/l	97
86) p-Isopropyltoluene	12.52	119	1903781	50.516	ug/l	98
87) 1,3-Dichlorobenzene	12.54	146	957504	50.958	ug/l	98
88) 1,4-Dichlorobenzene	12.63	146	915555	52.211	ug/l	95
89) n-Butylbenzene	12.89	91	1869524	49.315	ug/l	97
90) Hexachloroethane	12.97	117	500890	54.494	ug/l	96
91) 1,2-Dichlorobenzene	12.99	146	856002	51.831	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.68	75	58450	59.247	ug/l	85

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.23	180	563989	49.736	ug/l	97
94) Hexachlorobutadiene	14.22	225	388459	49.518	ug/l	98
95) Naphthalene	14.49	128	991614	53.377	ug/l	100
96) 1,2,3-Trichlorobenzene	14.64	180	532214	51.416	ug/l	97

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

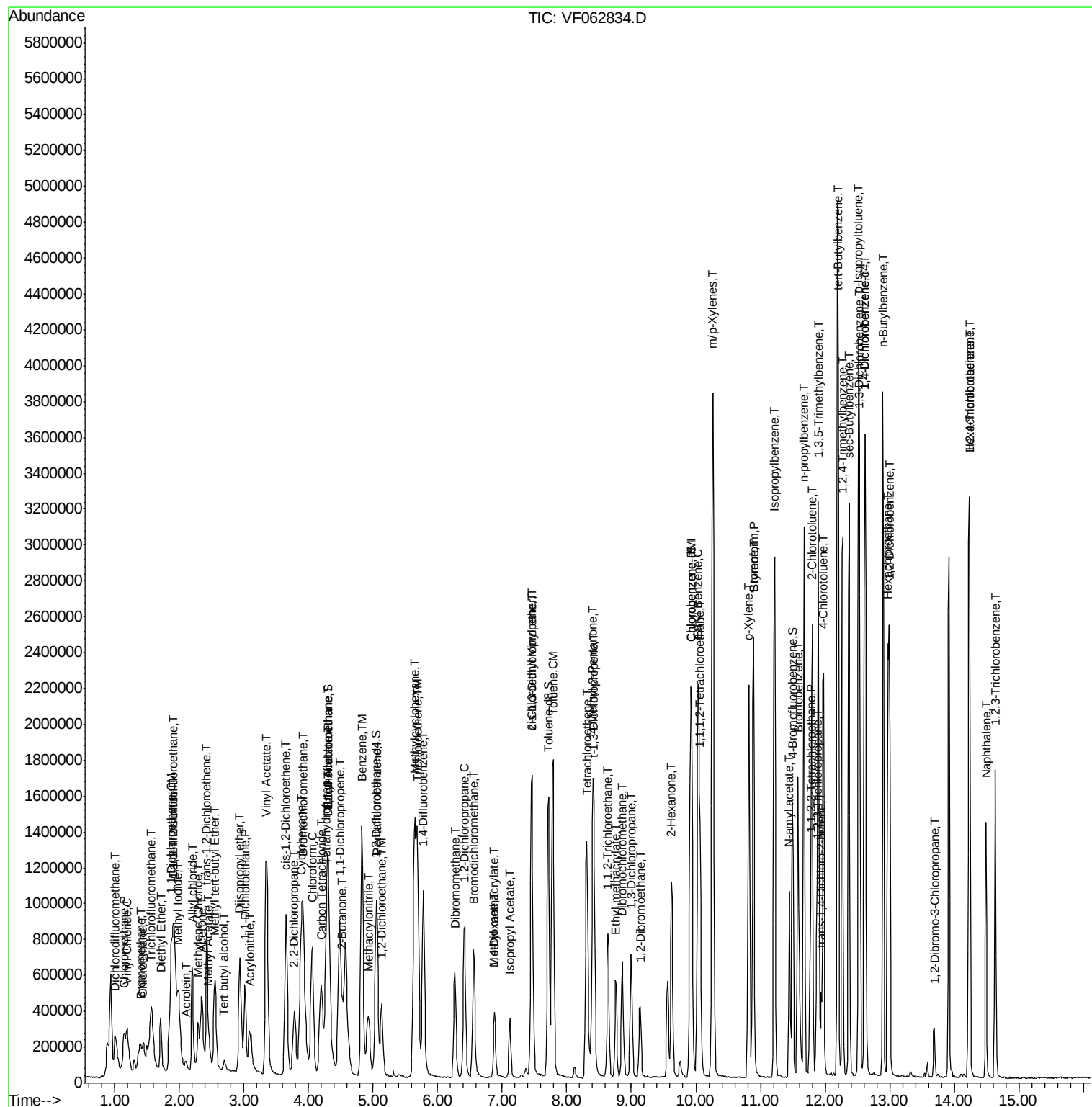
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Acq On : 3 Jun 2019 17:51
Operator : FY/SY
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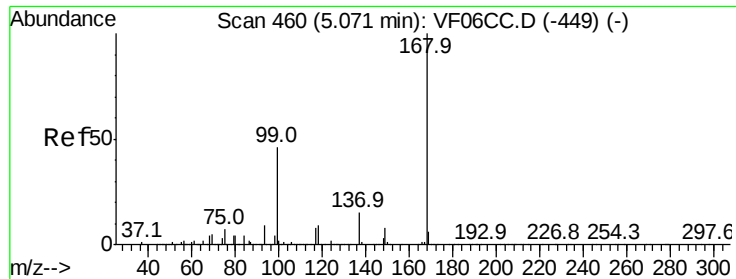
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

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#1

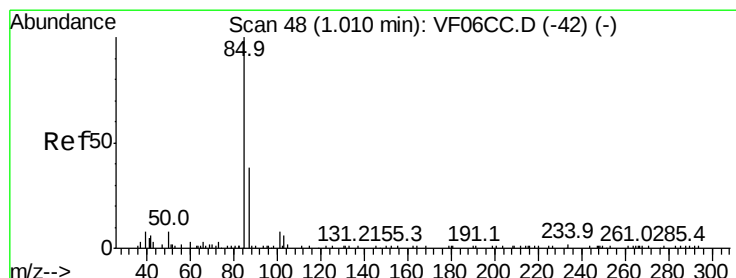
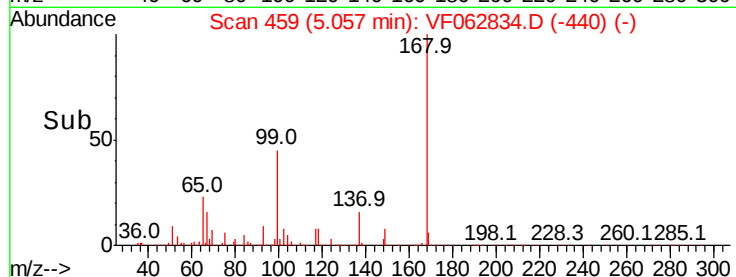
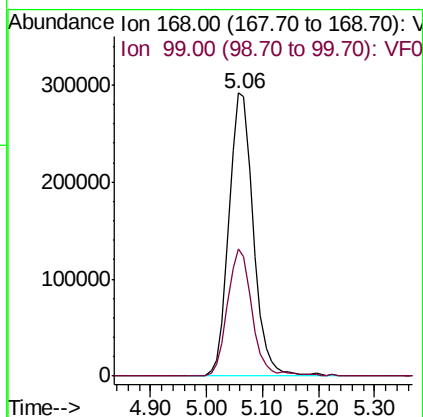
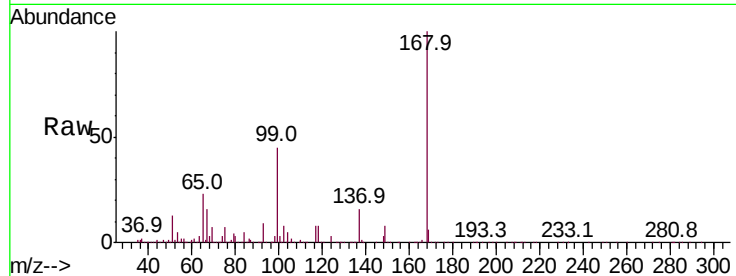
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.06 min Scan# 459
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	45.2	39.1	58.7

Manual Integrations
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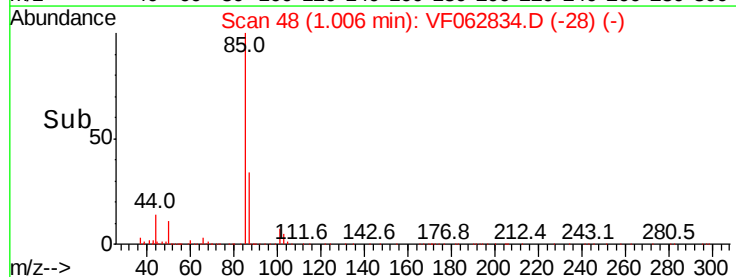
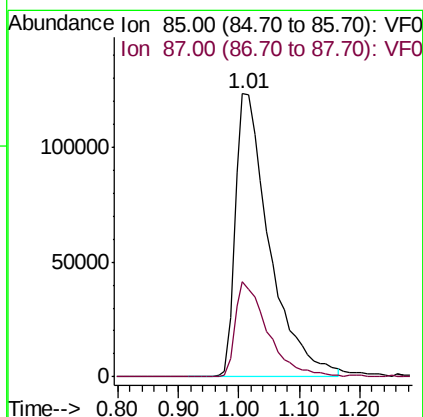
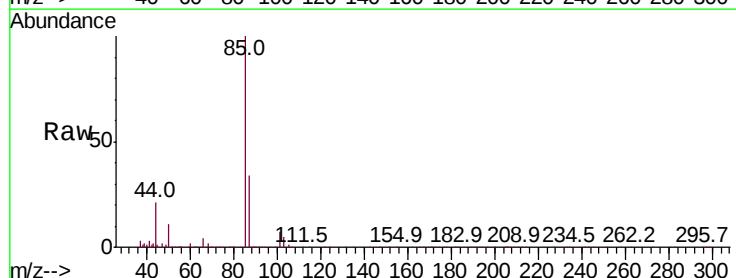
MMDadoda
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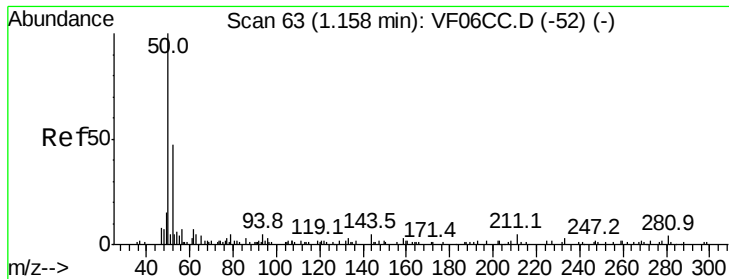


#2

Dichlorodifluoromethane
 Concen: 48.168 ug/l
 RT: 1.01 min Scan# 48
 Delta R.T. -0.01 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.8	17.6	52.9





#3

Chloromethane

Concen: 48.741 ug/l

RT: 1.15 min Scan# 63

Delta R.T. 0.00 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 446864

Ion Ratio Lower Upper

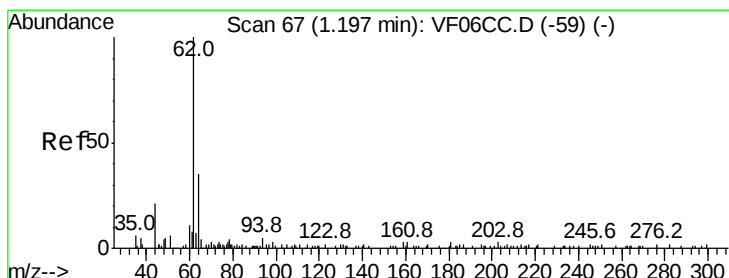
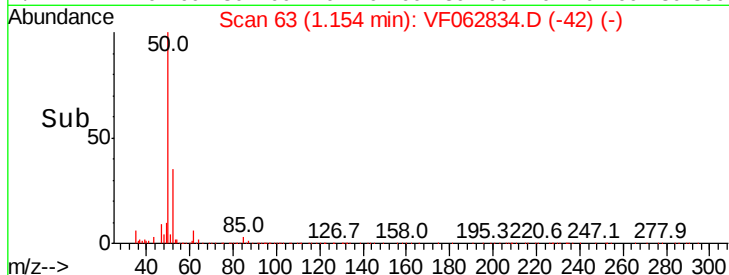
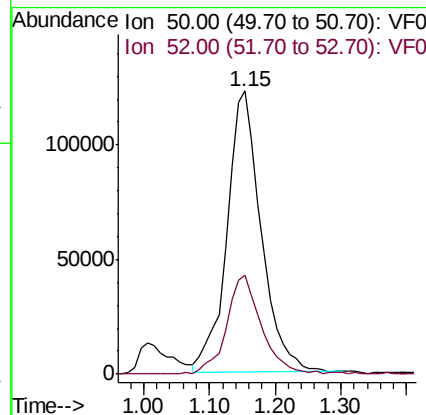
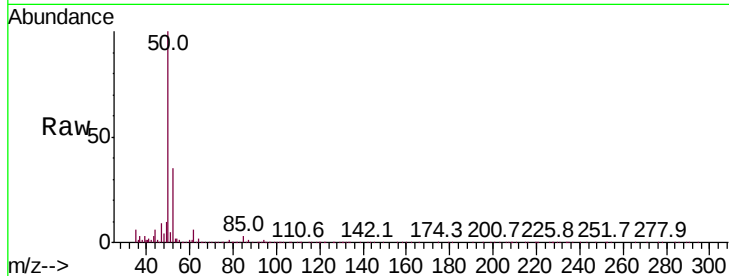
50 100

52 35.0 27.0 40.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.573 ug/l

RT: 1.19 min Scan# 67

Delta R.T. -0.01 min

Lab File: VF062834.D

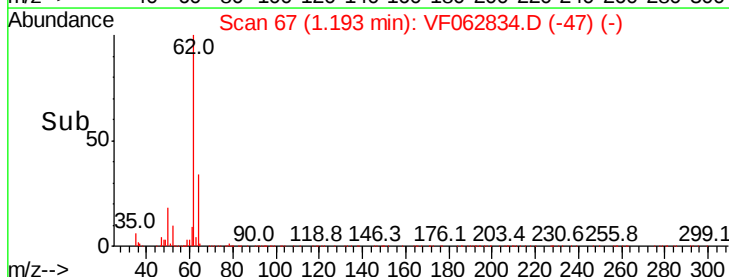
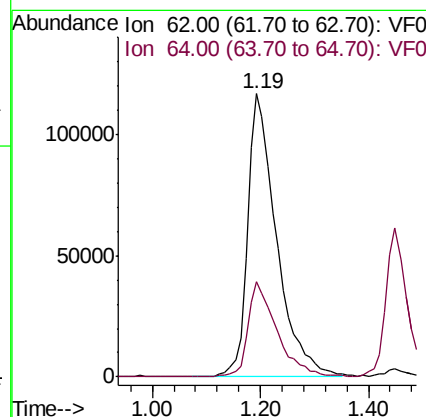
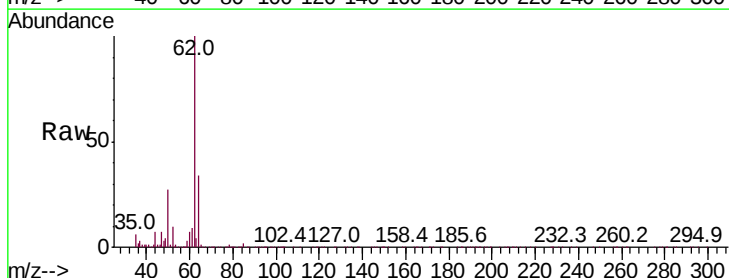
Acq: 3 Jun 2019 17:51

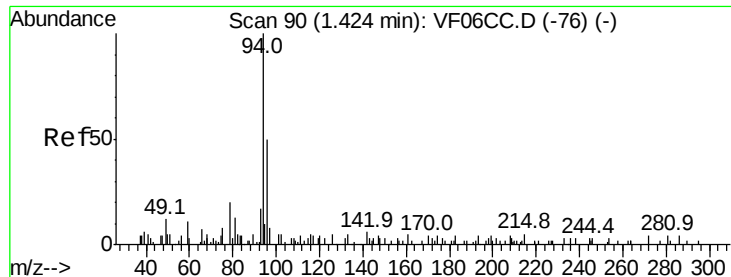
Tgt Ion: 62 Resp: 433423

Ion Ratio Lower Upper

62 100

64 33.6 26.2 39.2





#5

Bromomethane

Concen: 47.921 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 248987

Ion Ratio Lower Upper

94 100

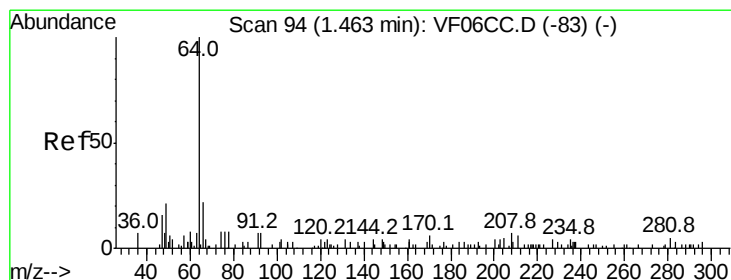
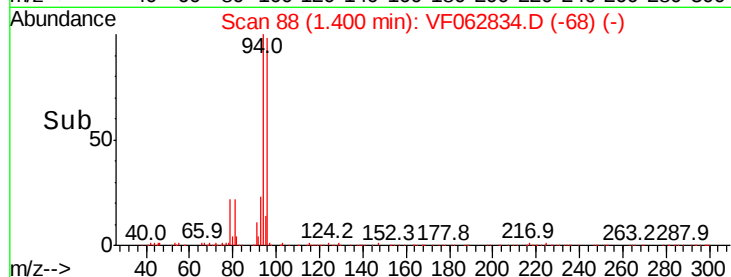
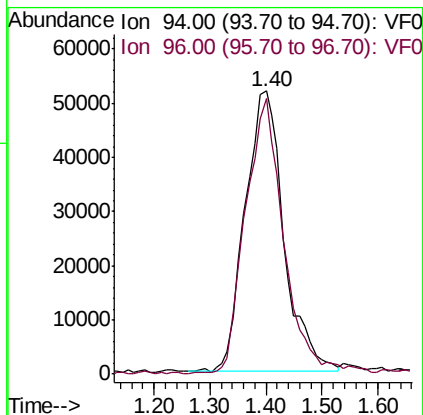
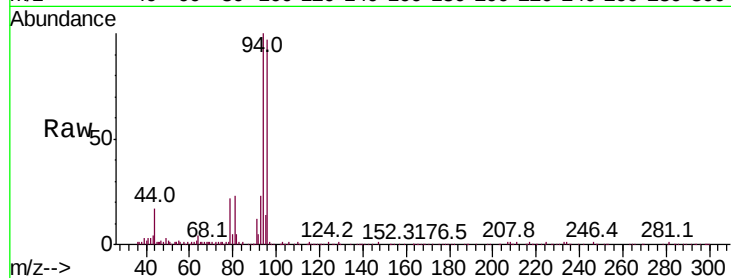
96 97.4 73.8 110.6

Manual Integrations

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#6

Chloroethane

Concen: 49.299 ug/l

RT: 1.45 min Scan# 93

Delta R.T. -0.02 min

Lab File: VF062834.D

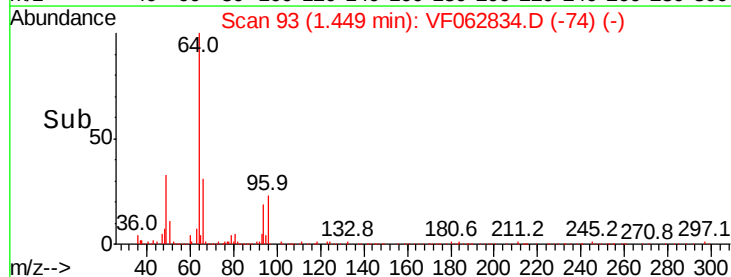
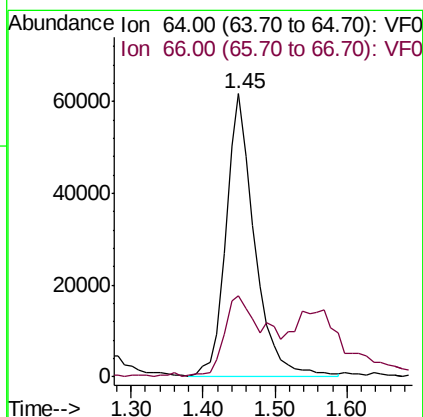
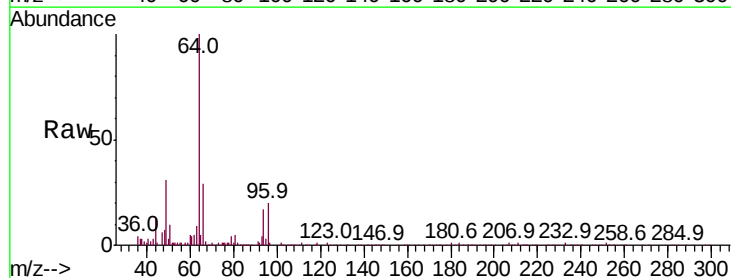
Acq: 3 Jun 2019 17:51

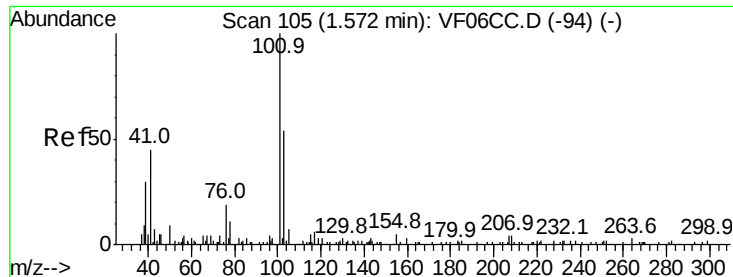
Tgt Ion: 64 Resp: 167930

Ion Ratio Lower Upper

64 100

66 28.9 31.0 46.4#





#7

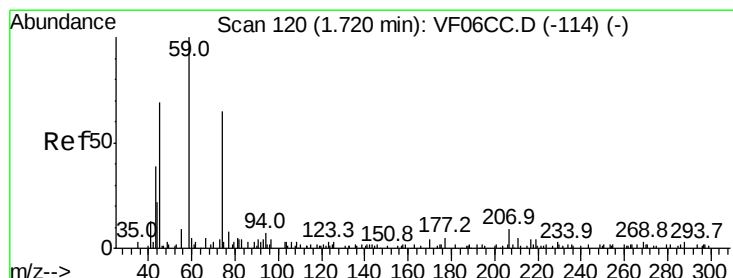
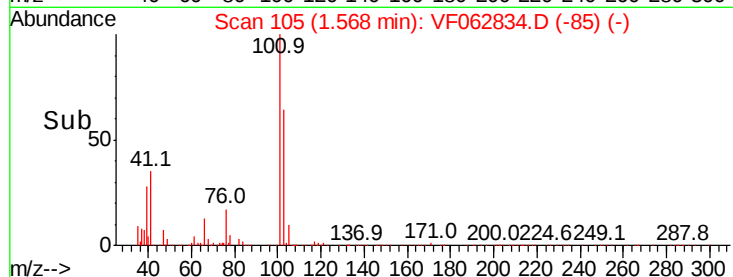
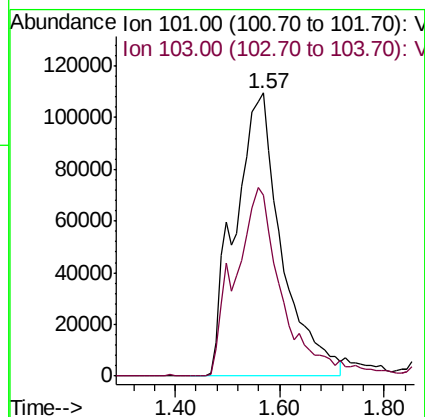
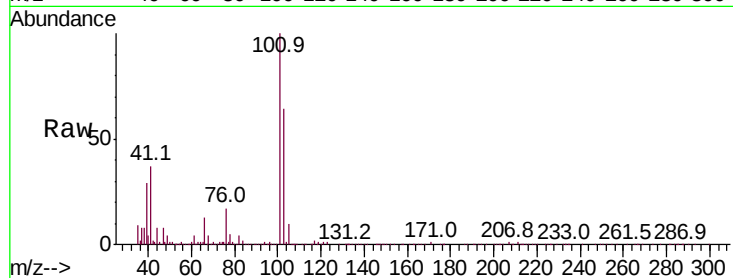
Trichlorofluoromethane
Concen: 51.842 ug/l
RT: 1.57 min Scan# 105
Delta R.T. -0.01 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	54.6	82.0

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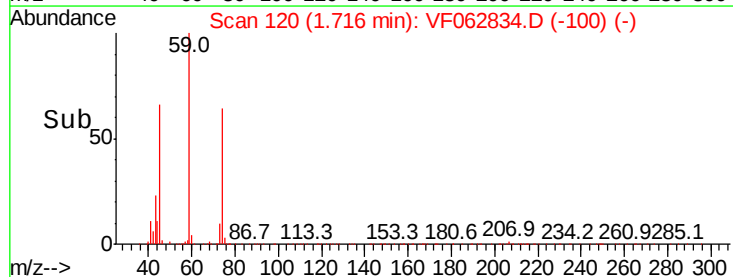
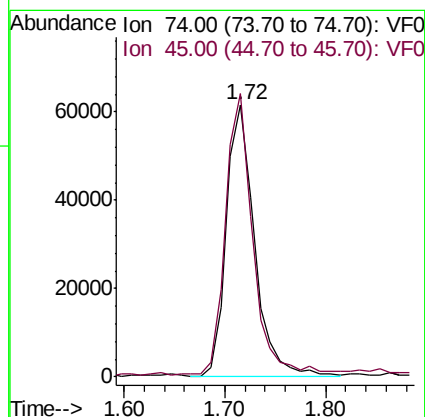
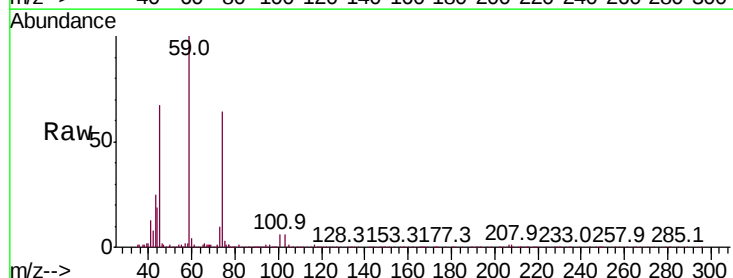
MMDadoda
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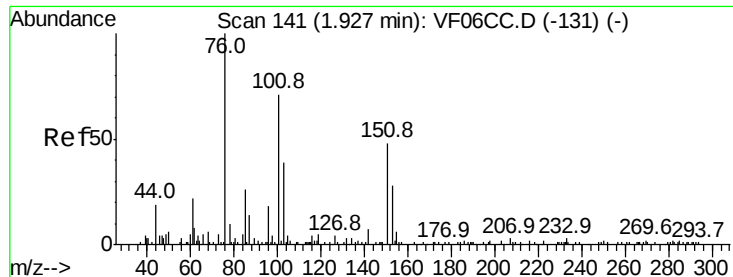


#8

Diethyl Ether
Concen: 46.727 ug/l
RT: 1.72 min Scan# 120
Delta R.T. -0.01 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.0	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.952 ug/l

RT: 1.91 min Scan# 140

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

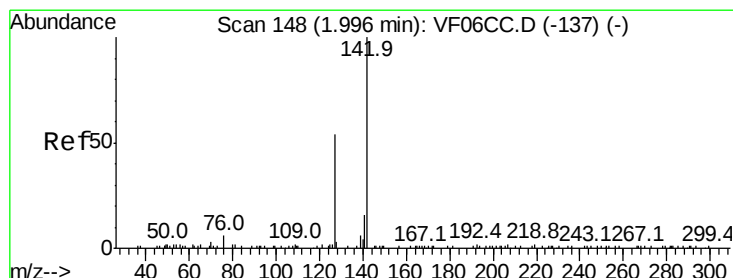
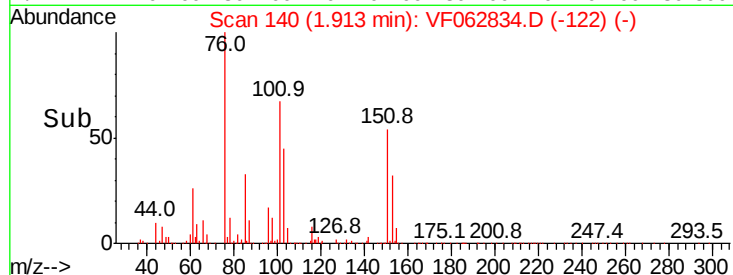
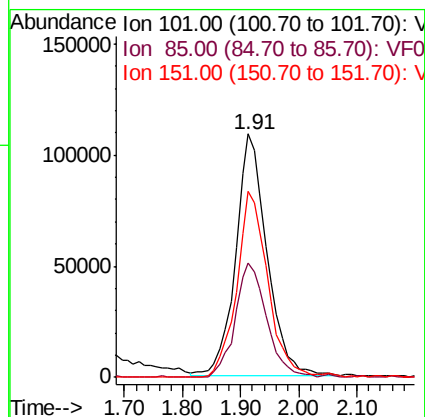
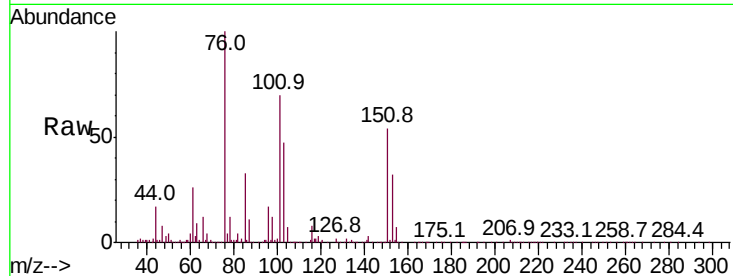
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	405049
Ion Ratio	Lower	Upper	
101	100		
85	47.1	37.1	55.7
151	76.6	60.3	90.5

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#10

Methyl Iodide

Concen: 51.898 ug/l

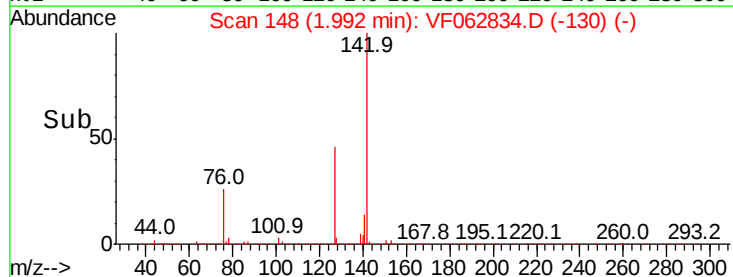
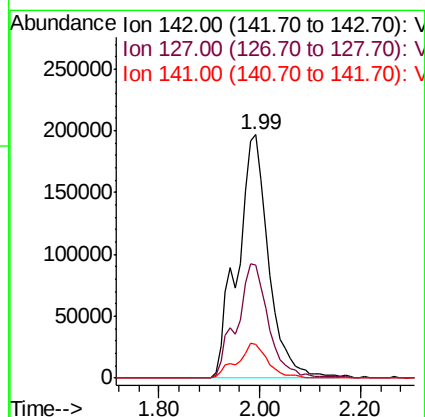
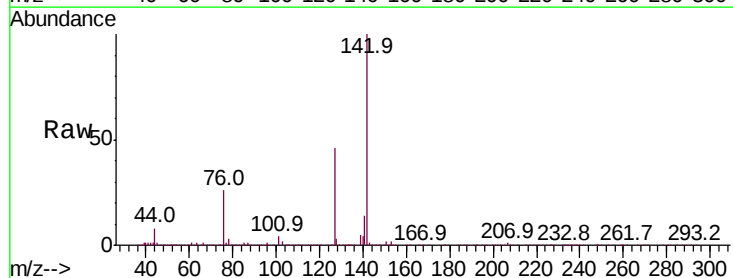
RT: 1.99 min Scan# 148

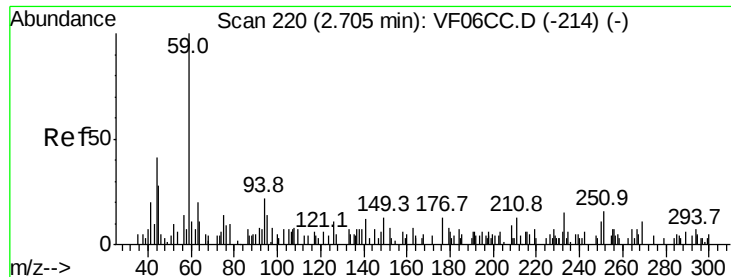
Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion:	142	Resp:	843793
Ion Ratio	Lower	Upper	
142	100		
127	46.4	39.4	59.2
141	13.6	10.6	15.8





#11

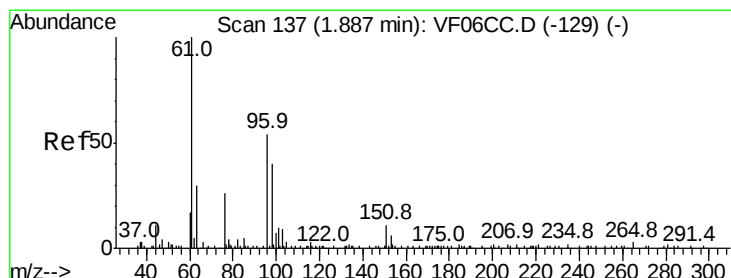
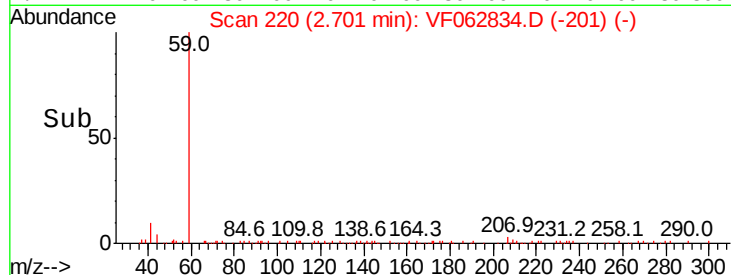
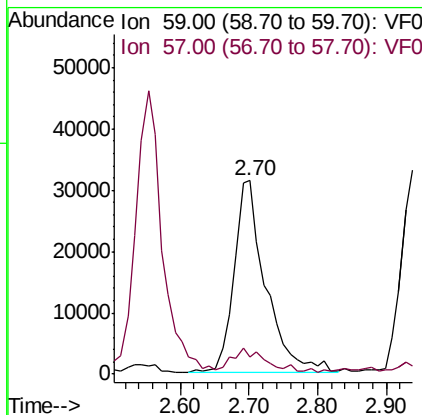
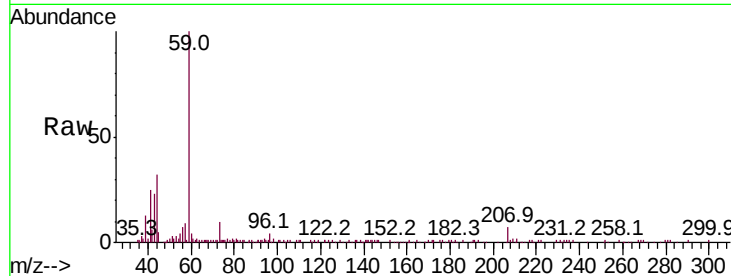
Tert butyl alcohol
 Concen: 268.414 ug/l
 RT: 2.70 min Scan# 220
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.8	9.2	13.8#

Manual Integrations
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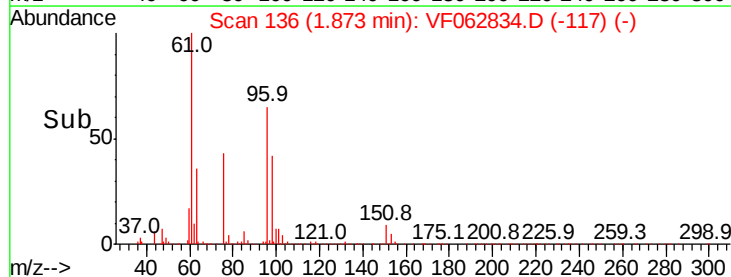
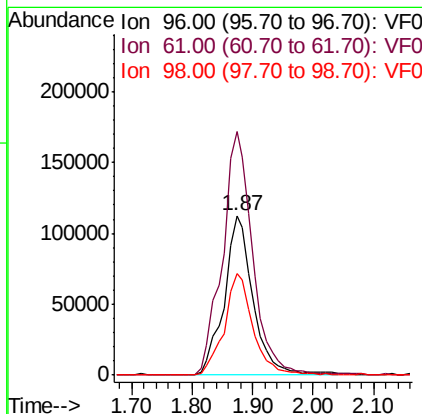
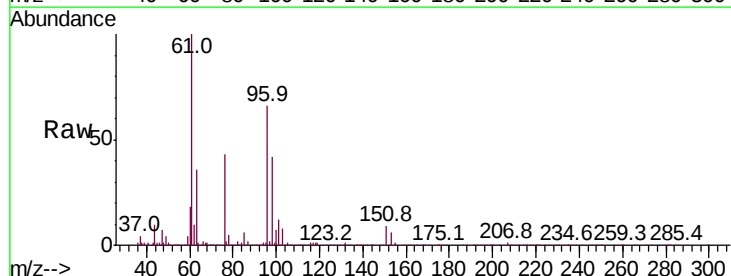
MMDadoda
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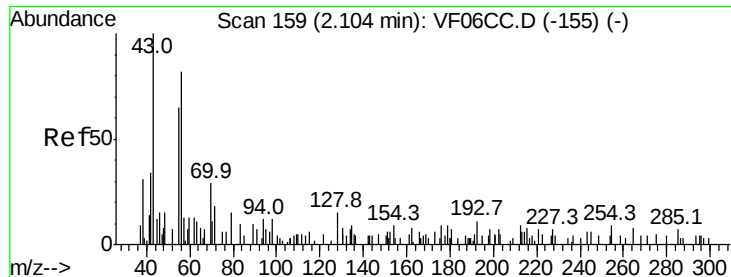


#12

1,1-Dichloroethene
 Concen: 50.657 ug/l
 RT: 1.87 min Scan# 136
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.7	139.4	209.2
98	63.4	50.3	75.5





#13

Acrolein

Concen: 265.865 ug/l

RT: 2.10 min Scan# 159

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 39346

Ion Ratio Lower Upper

56 100

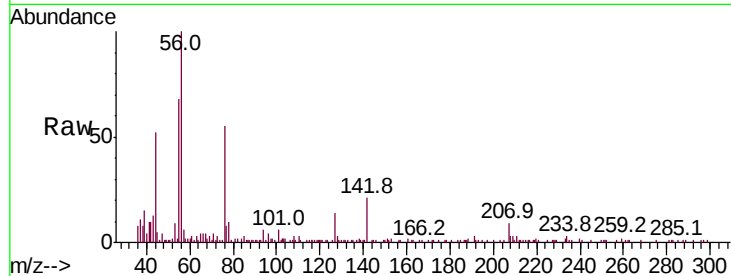
55 68.2 52.9 79.3

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

2.10

20000

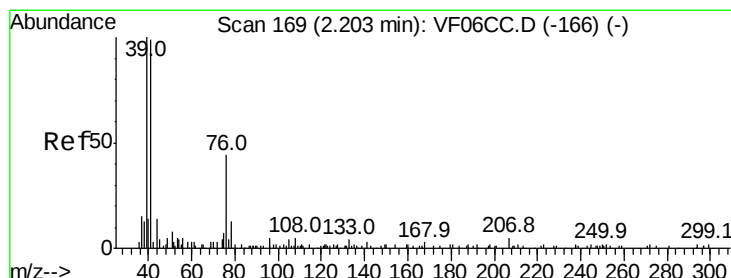
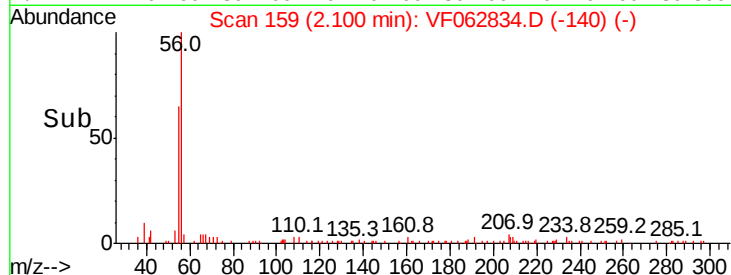
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 69.408 ug/l

RT: 2.20 min Scan# 169

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

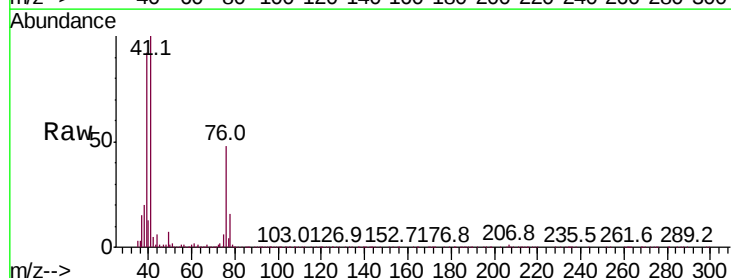
Tgt Ion: 41 Resp: 396483

Ion Ratio Lower Upper

41 100

39 91.8 71.9 107.9

76 48.1 39.6 59.4



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 76.00 (75.70 to 76.70): VF0

2.20

200000

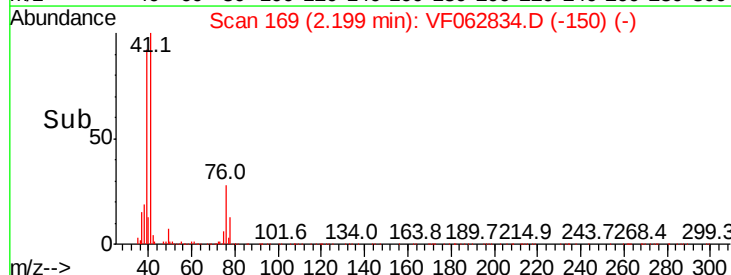
150000

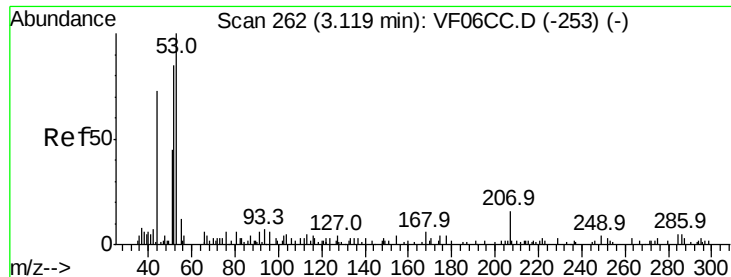
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 221.698 ug/l

RT: 3.09 min Scan# 259

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

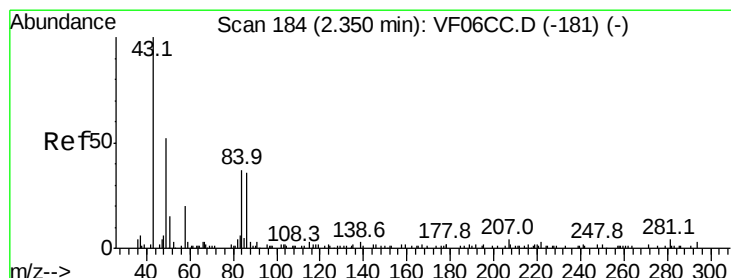
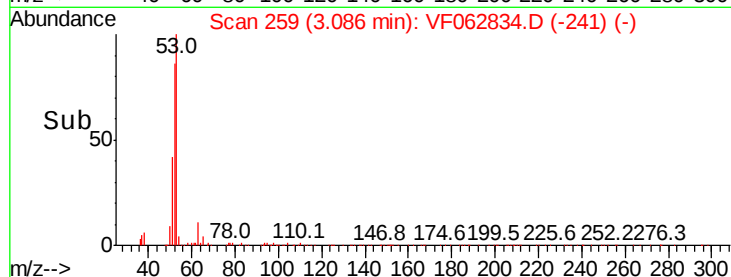
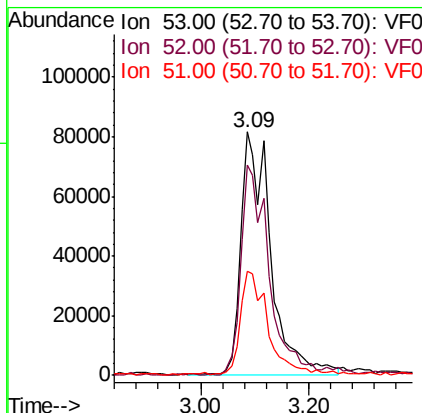
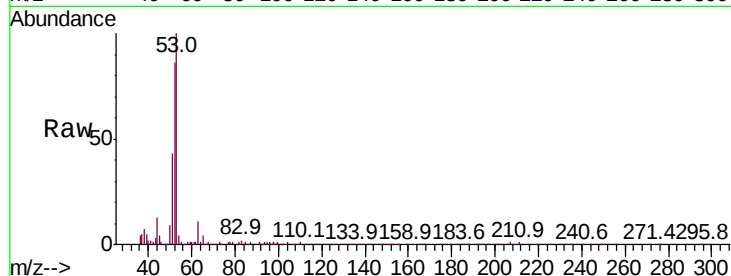
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	309208
Ion Ratio	Lower	Upper	
53	100		
52	86.2	68.1	102.1
51	42.7	27.7	41.5#

Manual Integrations
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#16

Acetone

Concen: 260.496 ug/l

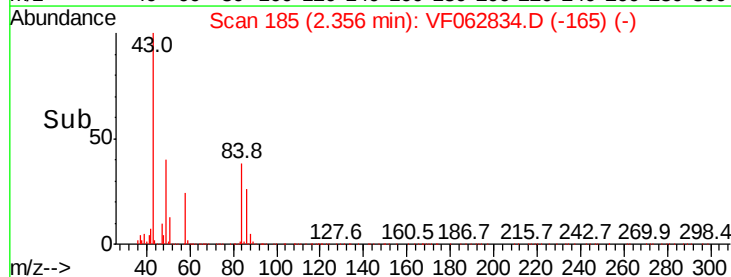
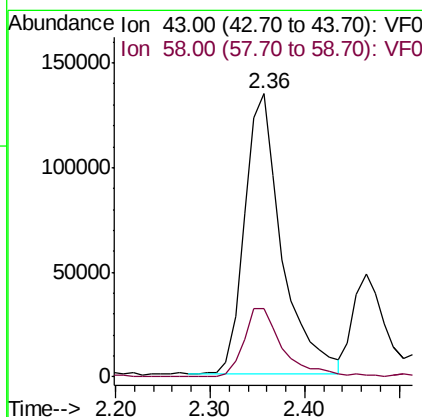
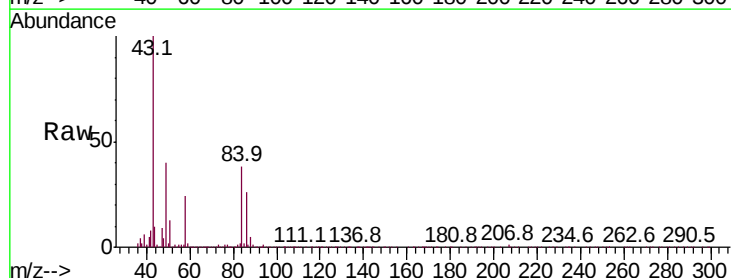
RT: 2.36 min Scan# 185

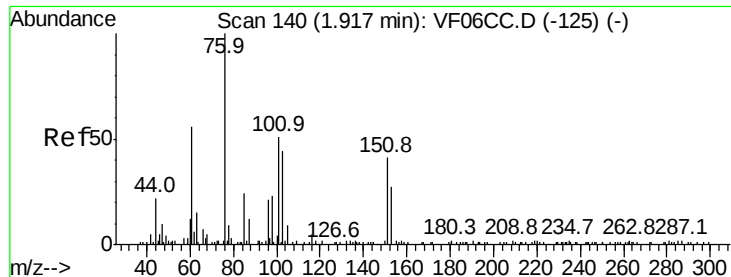
Delta R.T. -0.01 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion:	43	Resp:	365310
Ion Ratio	Lower	Upper	
43	100		
58	24.0	19.0	28.4





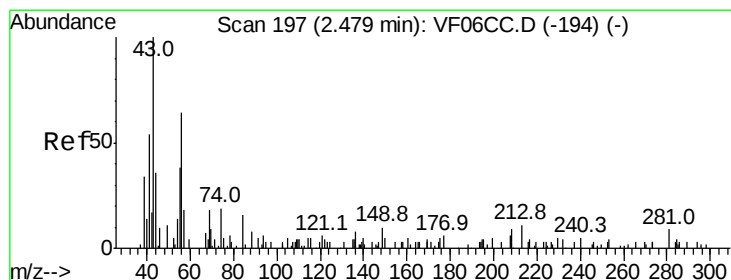
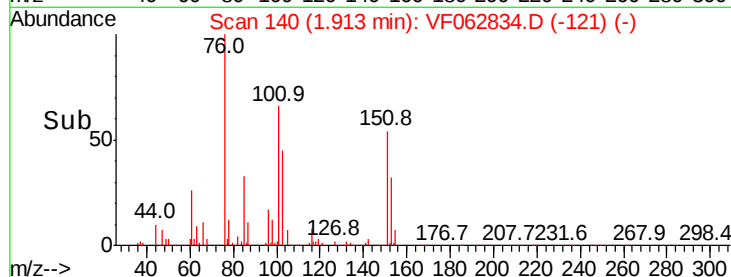
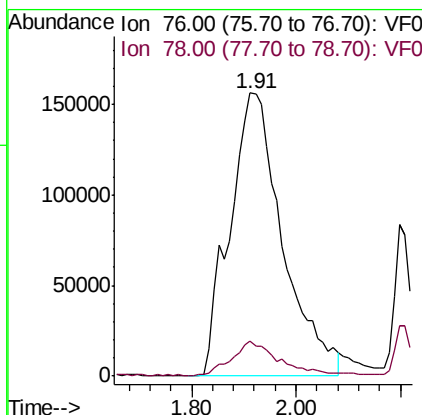
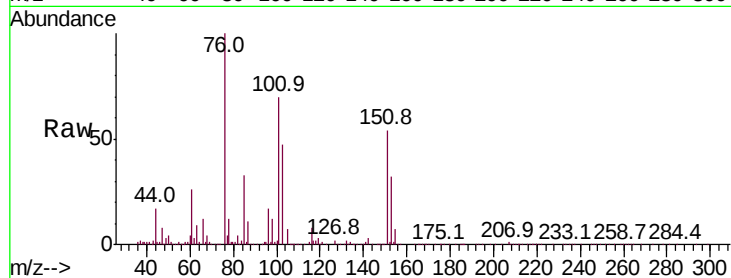
#17
Carbon Disulfide
Concen: 50.109 ug/l
RT: 1.91 min Scan# 140
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 1078376
Ion Ratio Lower Upper
76 100
78 12.4 9.4 14.2

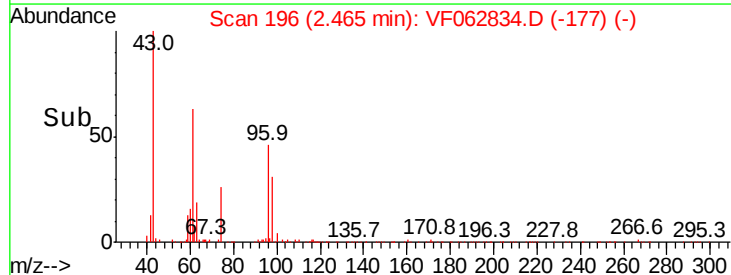
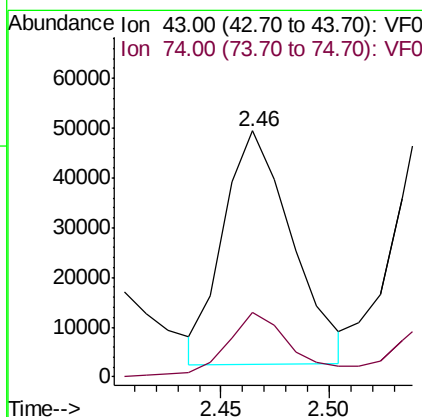
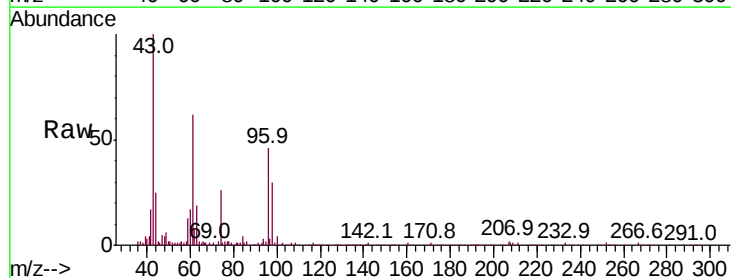
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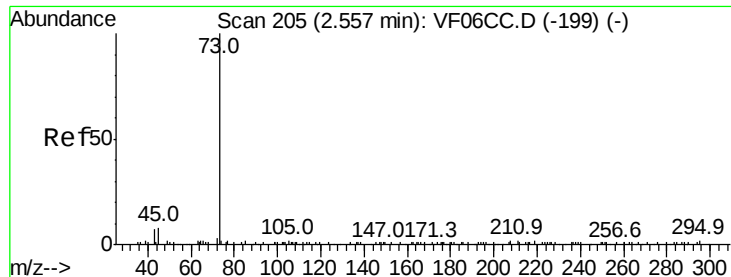
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#18
Methyl Acetate
Concen: 42.188 ug/l
RT: 2.46 min Scan# 196
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 43 Resp: 103387
Ion Ratio Lower Upper
43 100
74 26.0 22.1 33.1





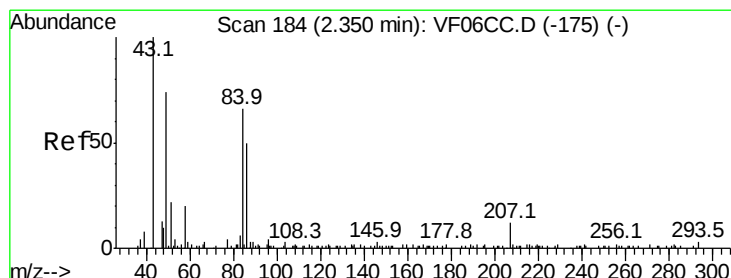
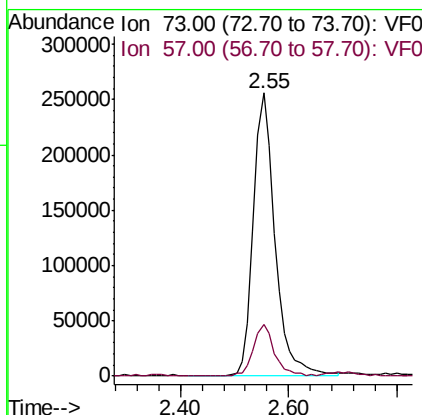
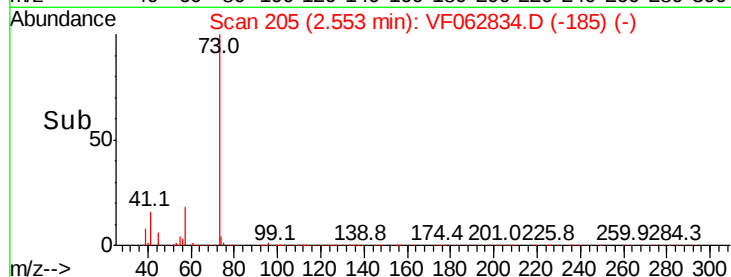
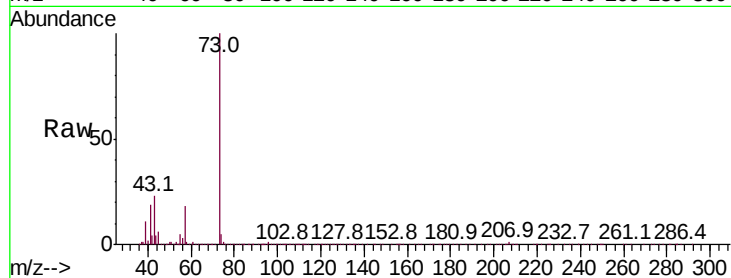
#19
Methvl tert-butvl Ether
Concen: 52.957 ug/l
RT: 2.55 min Scan# 205
Delta R.T. -0.01 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	18.0	15.1	22.7

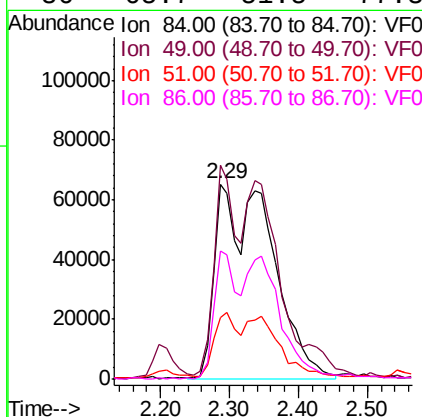
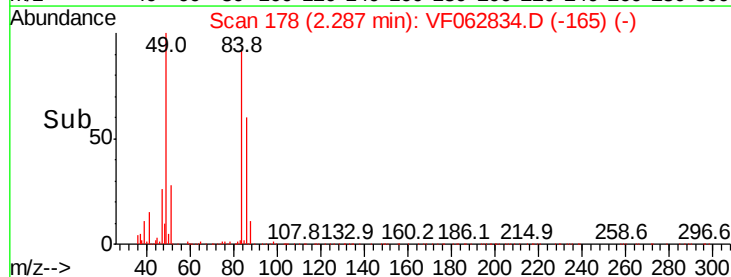
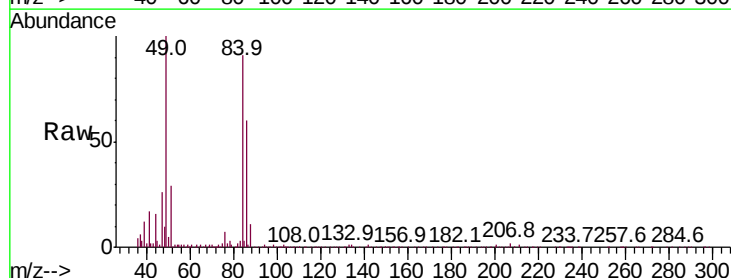
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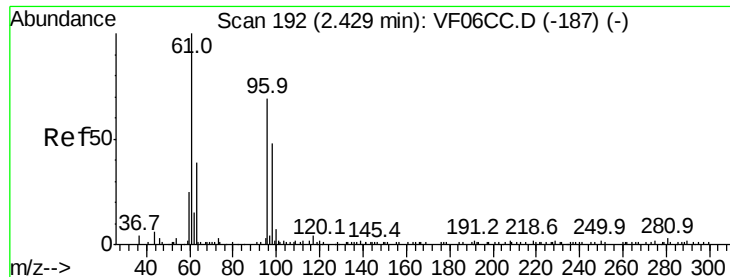
MMDadoda
6/4/2019 12:15:54 PM



#20
Methylene Chloride
Concen: 53.499 ug/l m
RT: 2.29 min Scan# 178
Delta R.T. -0.07 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.5	82.6	123.8
51	31.5	25.0	37.4
86	65.7	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 51.760 ug/l

RT: 2.43 min Scan# 192

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 382131

Ion Ratio Lower Upper

96 100

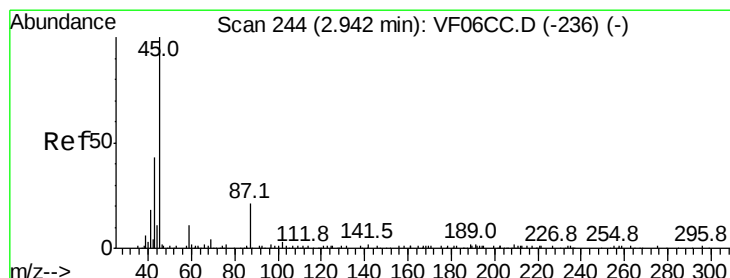
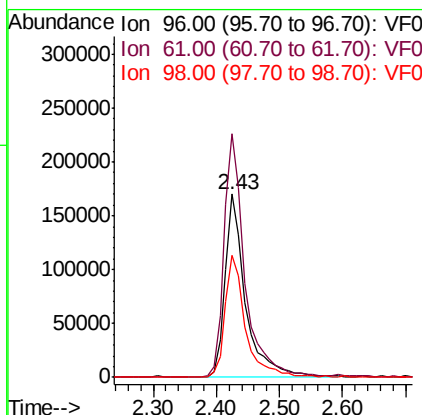
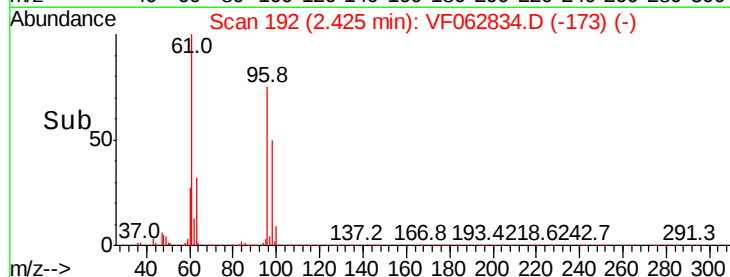
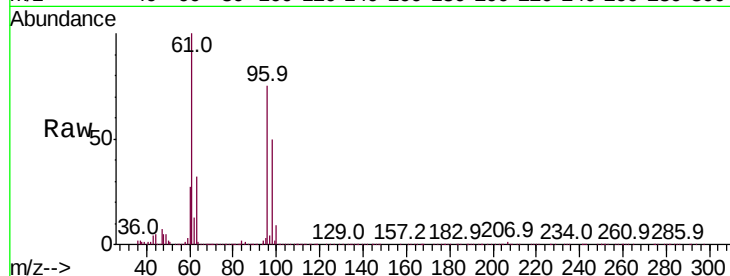
61 132.8 105.0 157.6

98 66.4 51.1 76.7

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6/4/2019 12:15:54 PM



#22

Diisopropyl ether

Concen: 49.294 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion: 45 Resp: 800002

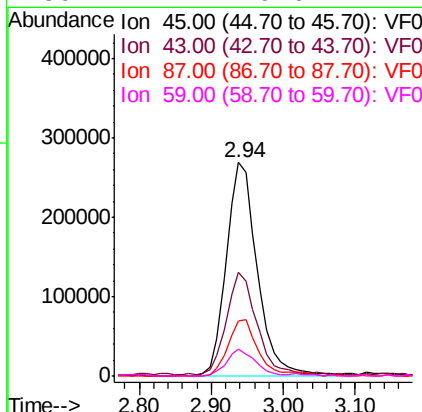
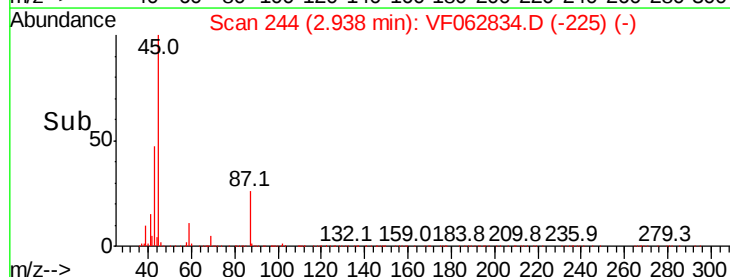
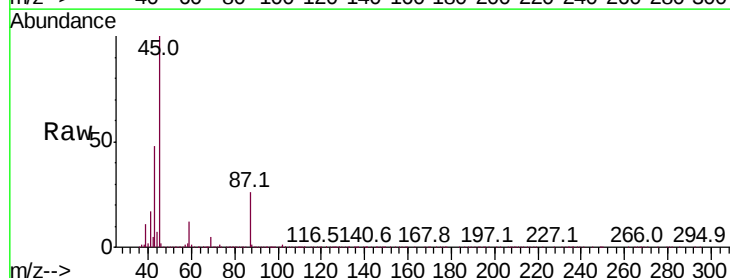
Ion Ratio Lower Upper

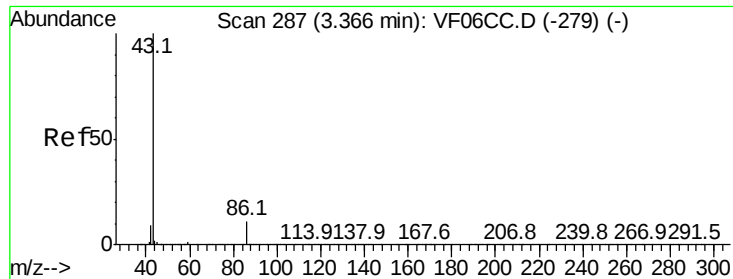
45 100

43 48.3 34.3 51.5

87 25.8 19.0 28.4

59 12.4 9.6 14.4





#23

Vinyl Acetate

Concen: 254.205 ug/l

RT: 3.34 min Scan# 285

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

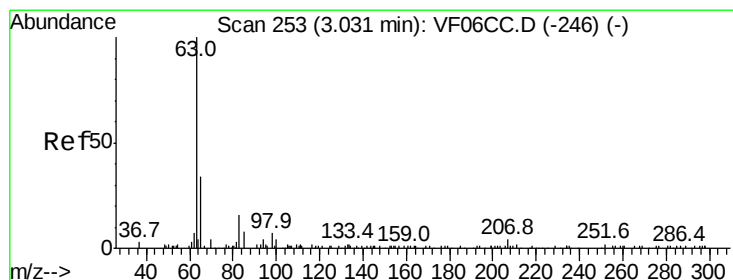
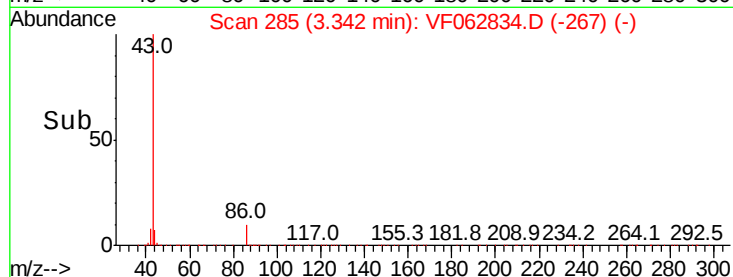
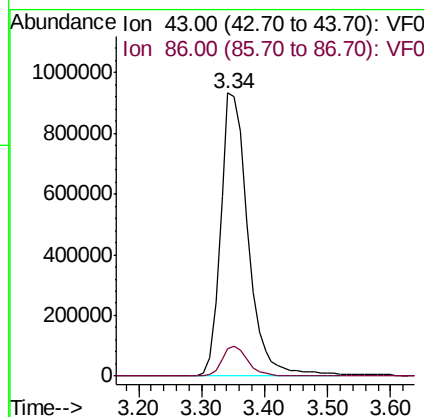
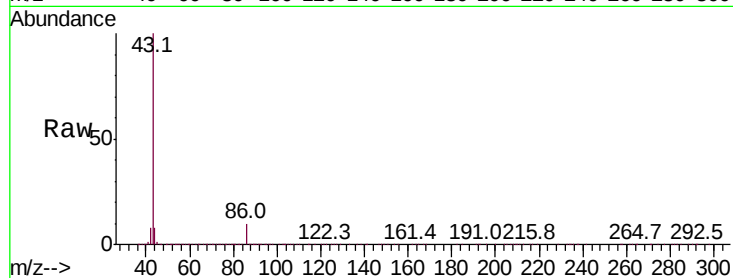
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2824377

Ion	Ratio	Lower	Upper
43	100		
86	9.6	8.2	12.2

Manual Integrations
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6/4/2019 12:15:54 PM



#24

1,1-Dichloroethane

Concen: 49.438 ug/l

RT: 3.02 min Scan# 252

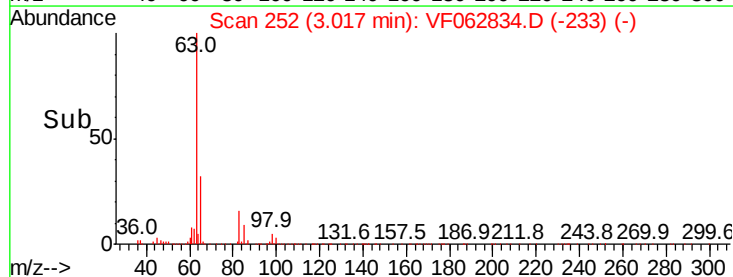
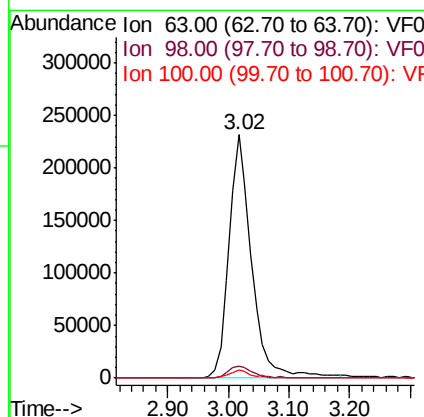
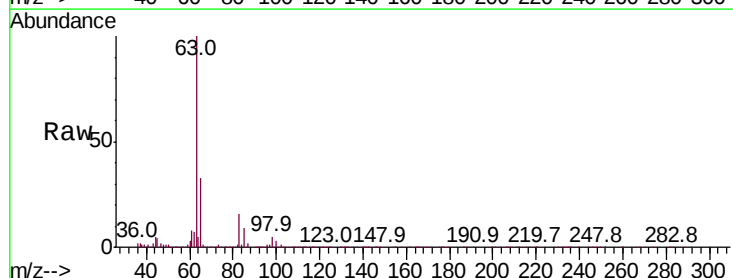
Delta R.T. -0.02 min

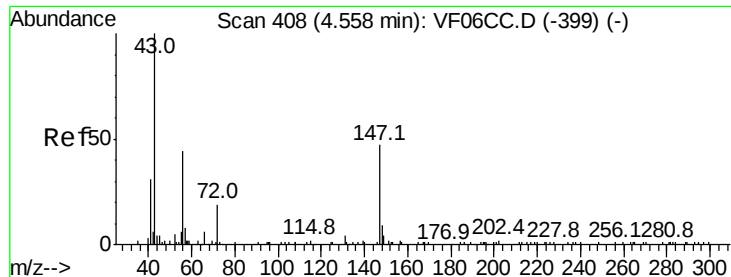
Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion: 63 Resp: 599061

Ion	Ratio	Lower	Upper
63	100		
98	5.2	2.4	7.1
100	3.4	1.5	4.5





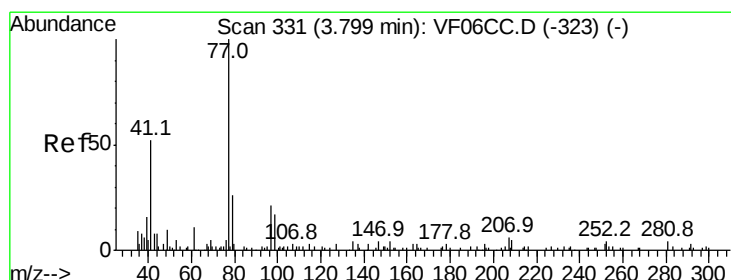
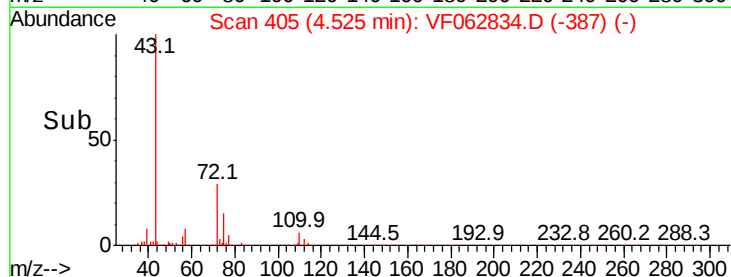
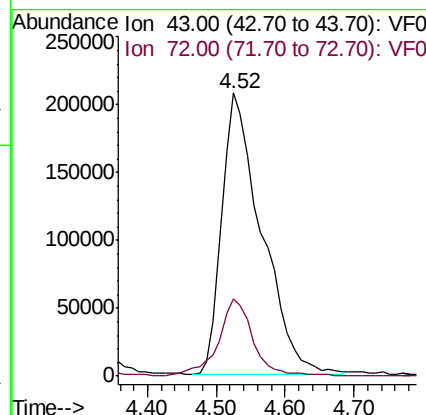
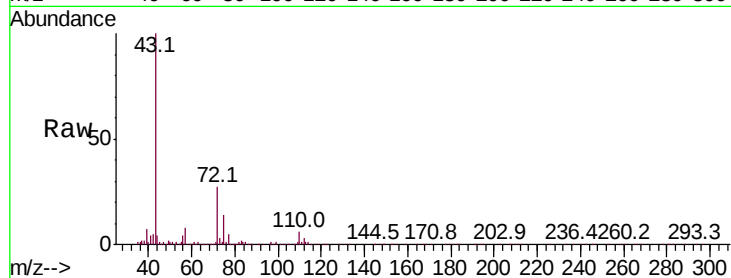
#25
2-Butanone
Concen: 255.909 ug/l
RT: 4.52 min Scan# 405
Delta R.T. -0.03 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	27.4	21.4	32.0

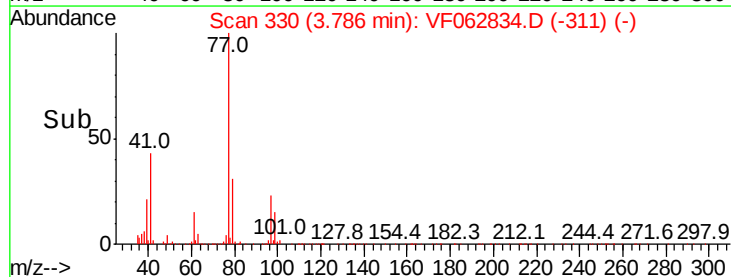
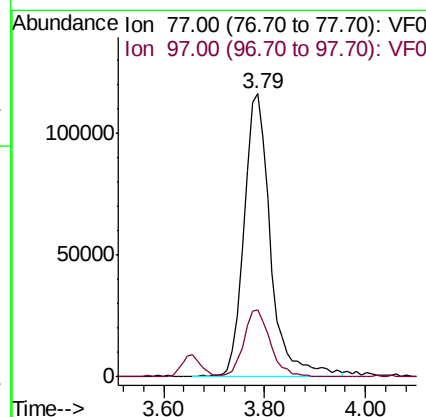
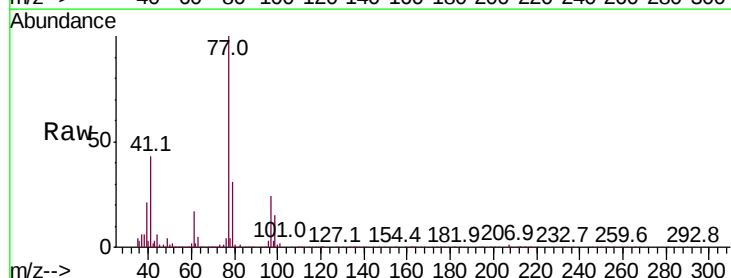
Manual Integrations
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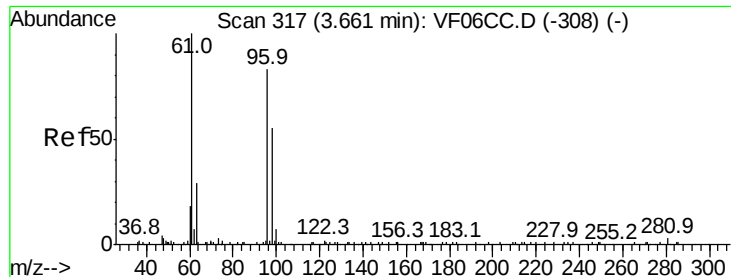
MMDadoda
6/4/2019 12:15:54 PM



#26
2,2-Dichloropropane
Concen: 60.877 ug/l
RT: 3.79 min Scan# 330
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.7	12.4	37.4





#27

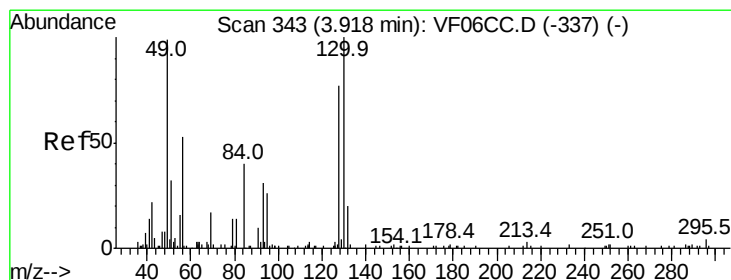
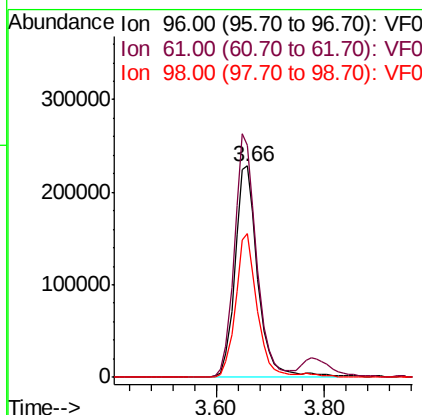
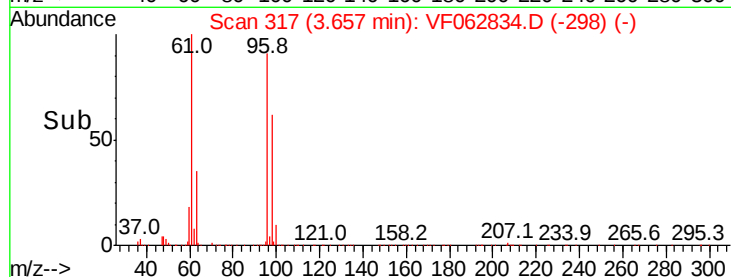
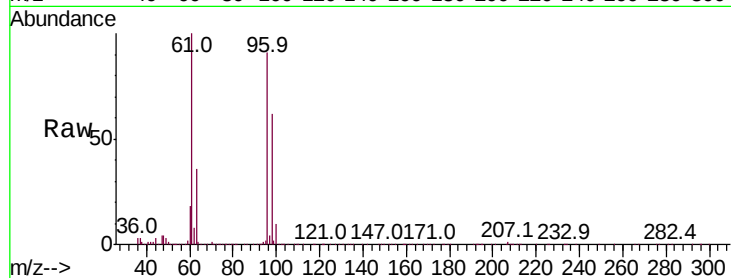
cis-1,2-Dichloroethene
Concen: 54.321 ug/l
RT: 3.66 min Scan# 317
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	674122		
61	110.0		0.0	213.8
98	68.4		0.0	127.0

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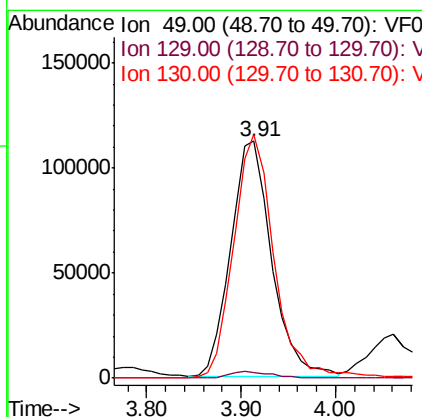
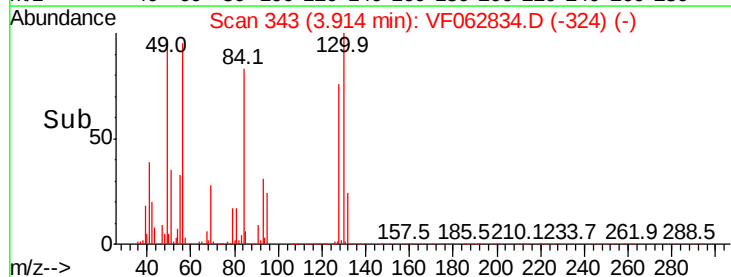
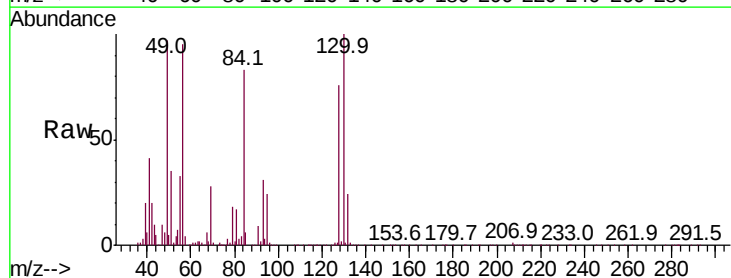
MMDadoda
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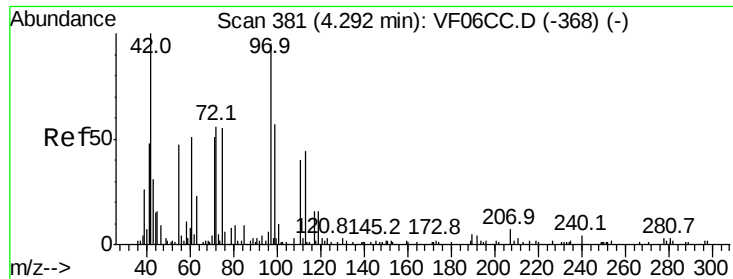


#28

Bromochloromethane
Concen: 51.214 ug/l
RT: 3.91 min Scan# 343
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	337563		
129	2.4		0.0	5.4
130	102.8		79.2	118.8





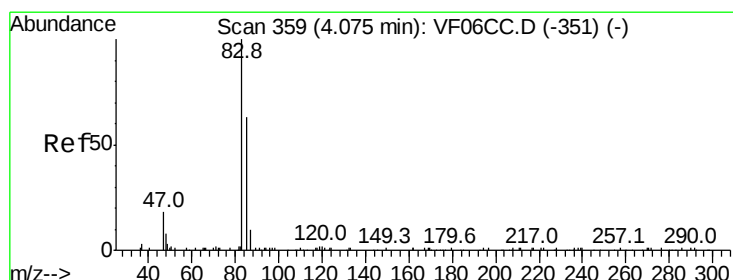
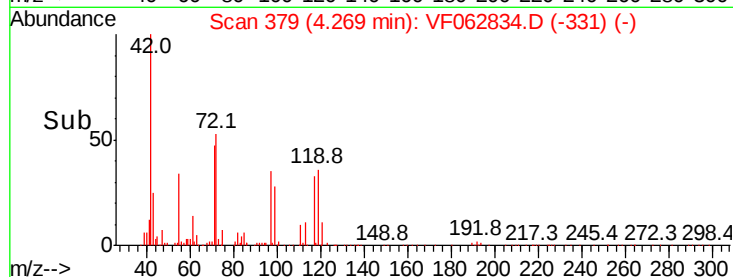
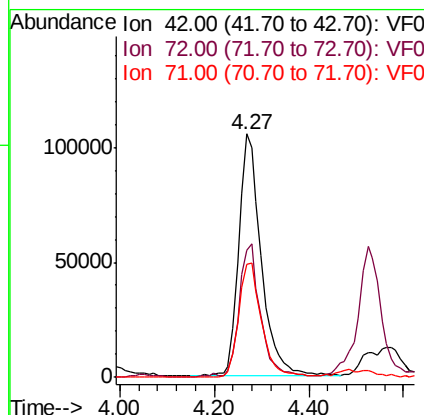
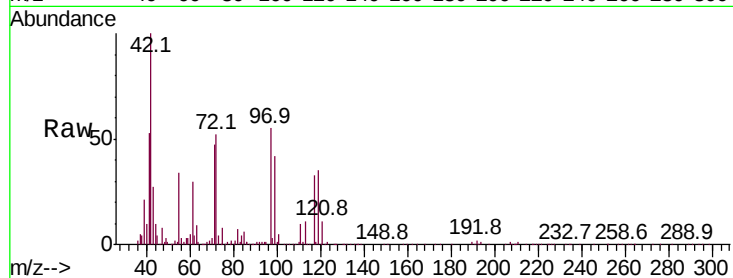
#29
Tetrahydrofuran
Concen: 277.478 ug/l
RT: 4.27 min Scan# 379
Delta R.T. -0.03 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.6	39.0	58.6
71	48.1	36.9	55.3

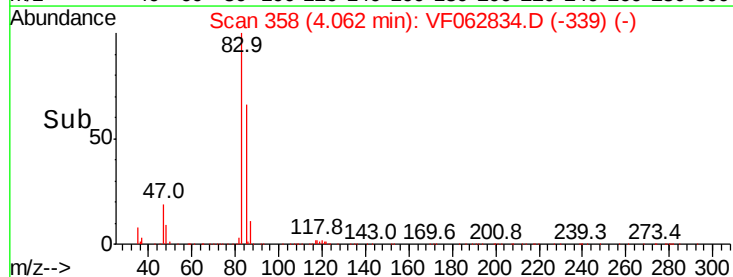
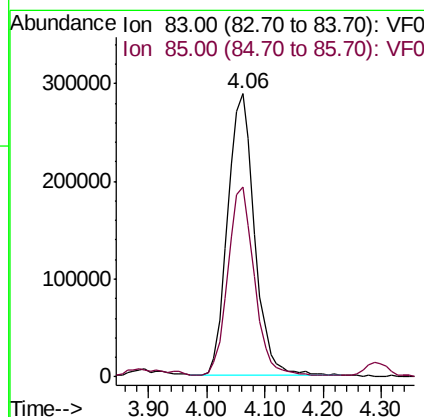
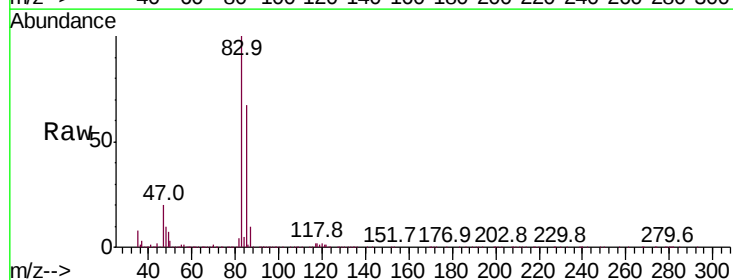
Manual Integrations
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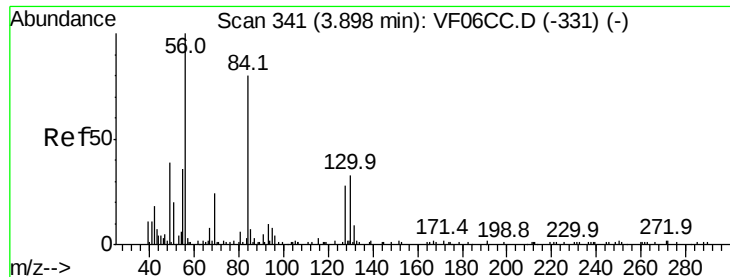
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#30
Chloroform
Concen: 53.682 ug/l
RT: 4.06 min Scan# 358
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	55.0	82.6





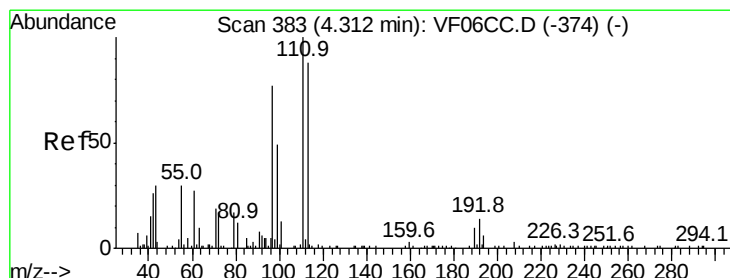
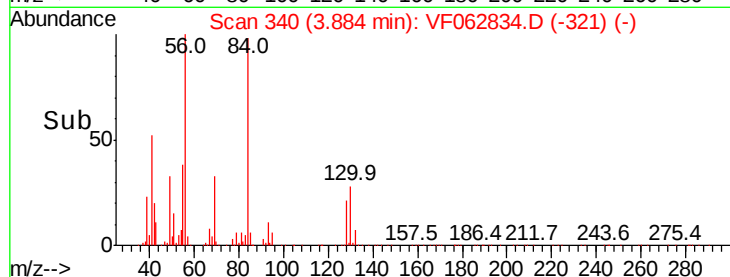
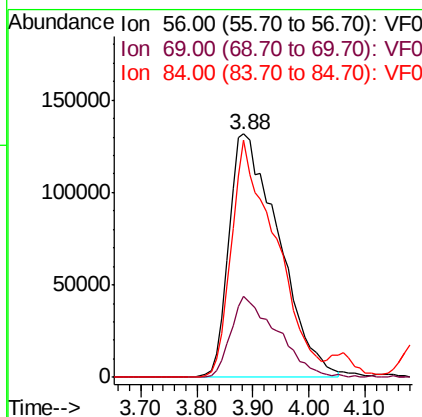
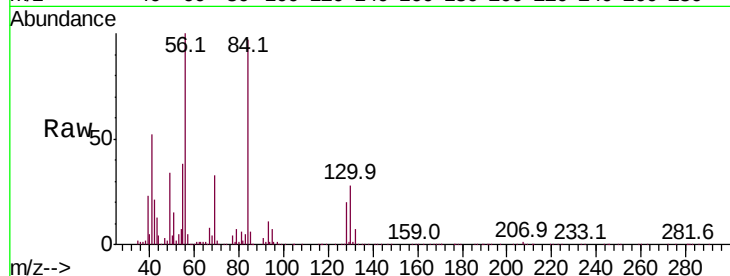
#31
Cyclohexane
Concen: 49.175 ug/l
RT: 3.88 min Scan# 340
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	26.7	40.1
84	97.4	74.3	111.5

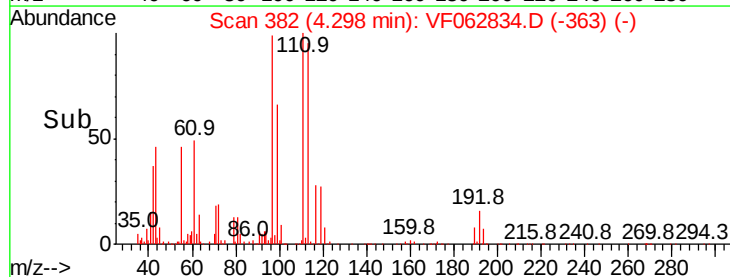
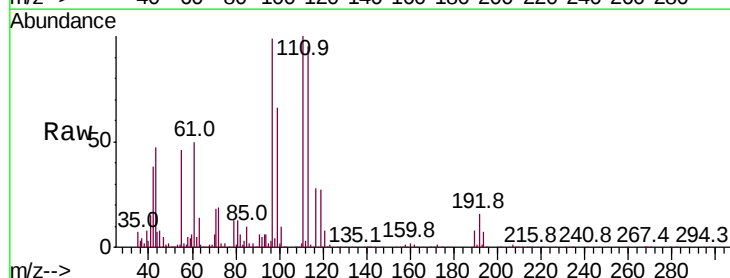
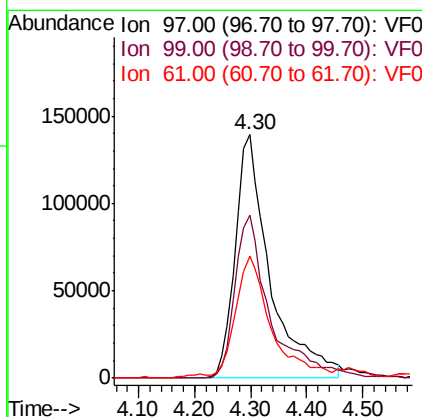
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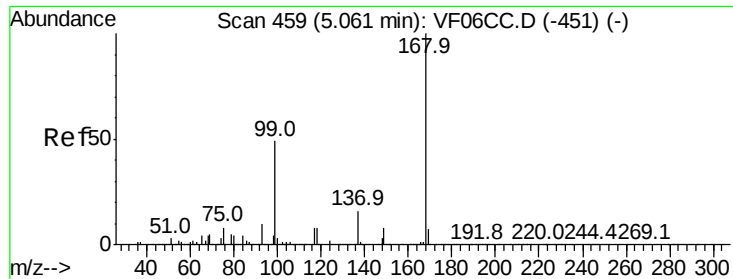
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#32
1,1,1-Trichloroethane
Concen: 60.312 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.7	77.5
61	50.1	38.9	58.3





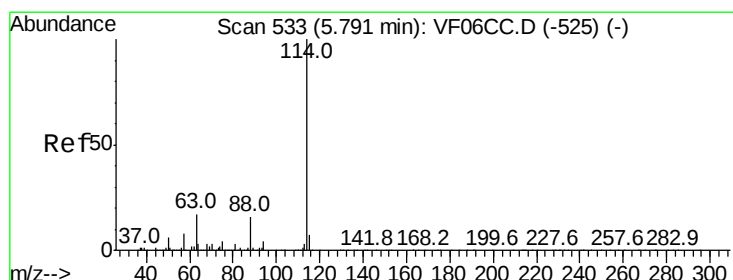
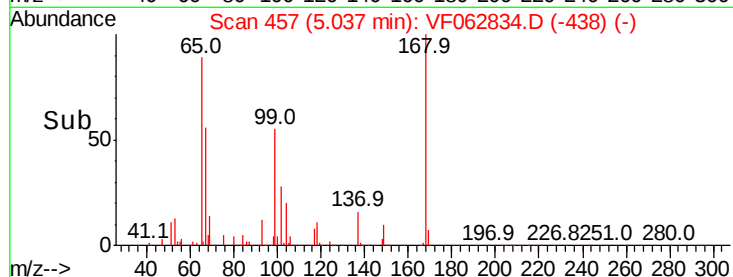
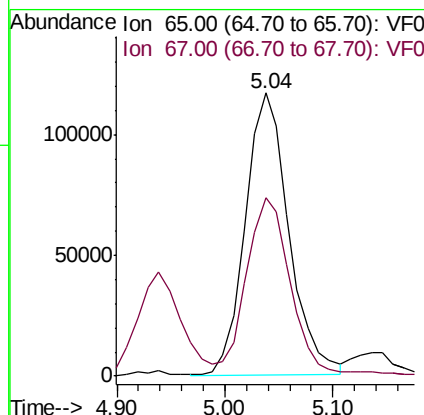
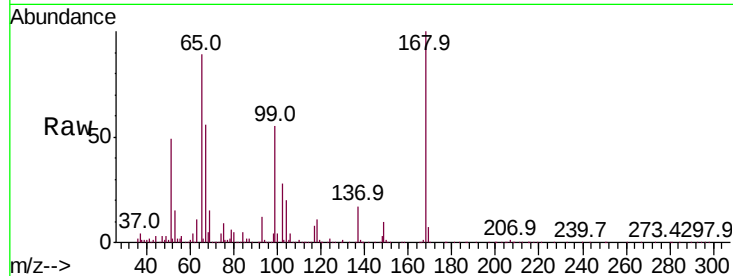
#33
 1,2-Dichloroethane-d4
 Concen: 53.572 ug/l
 RT: 5.04 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 328243
 Ion Ratio Lower Upper
 65 100
 67 63.1 0.0 121.2

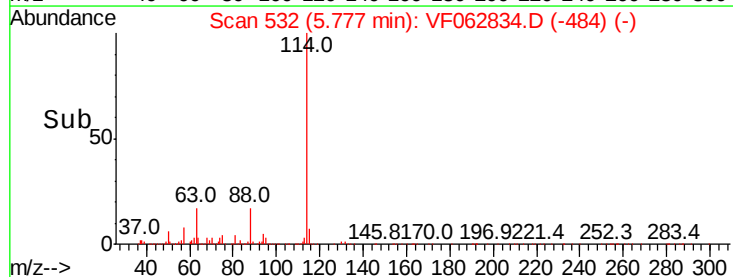
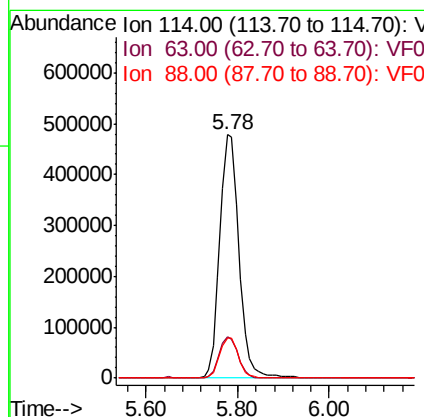
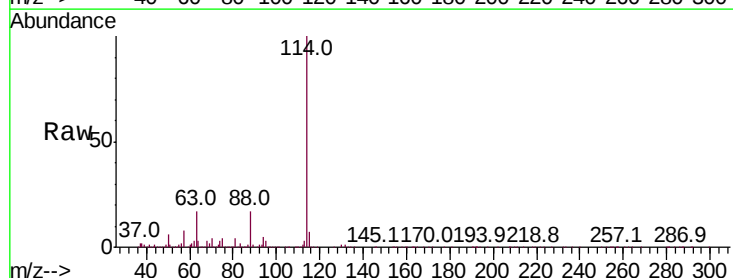
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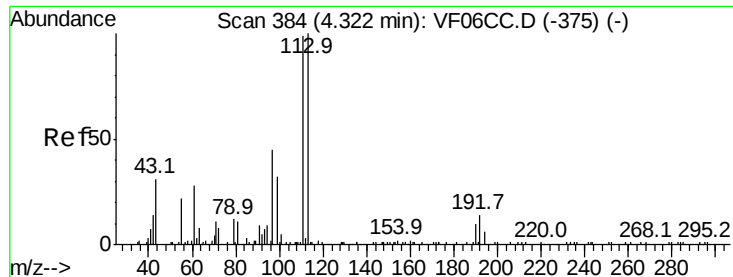
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.78 min Scan# 532
 Delta R.T. -0.03 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion: 114 Resp: 1390583
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 34.2
 88 16.6 0.0 31.2





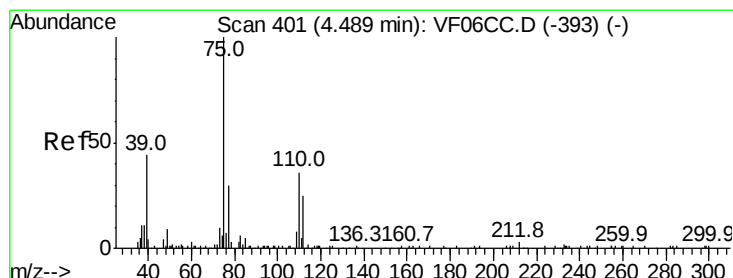
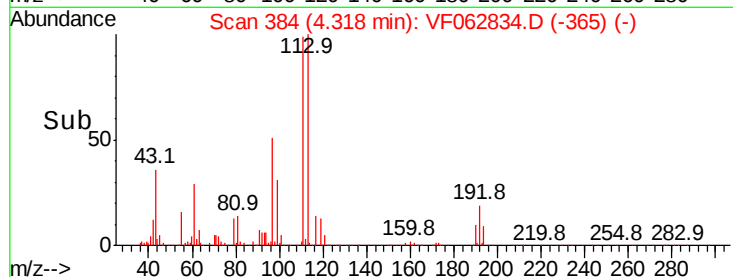
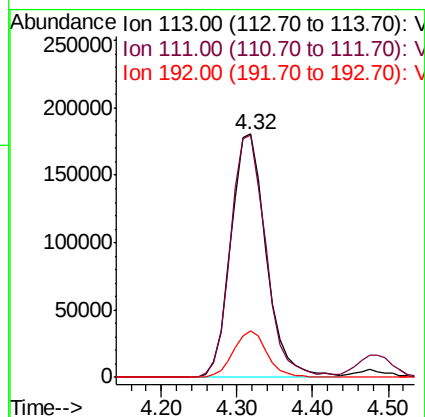
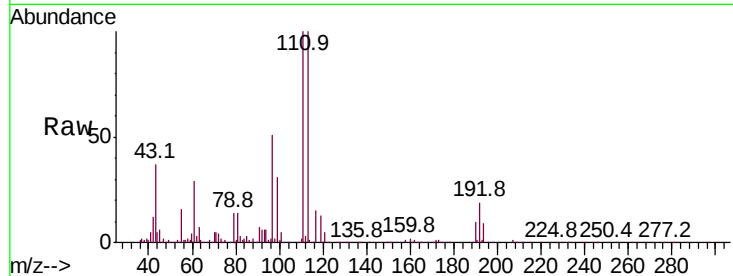
#35
Dibromofluoromethane
Concen: 55.548 ug/l
RT: 4.32 min Scan# 384
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.6	81.9	122.9
192	19.0	15.1	22.7

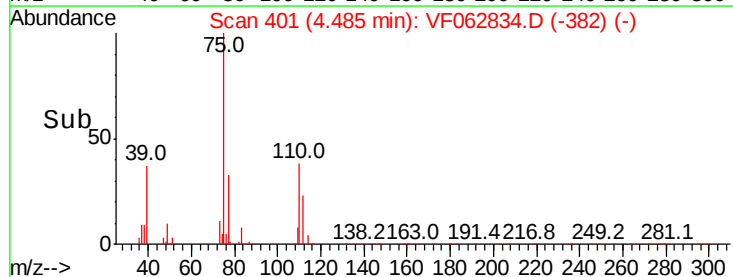
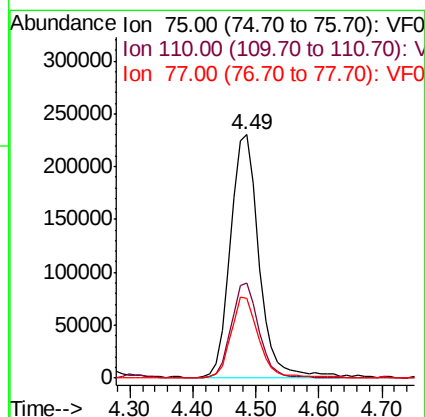
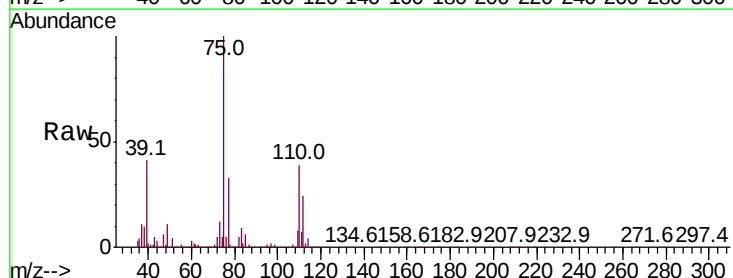
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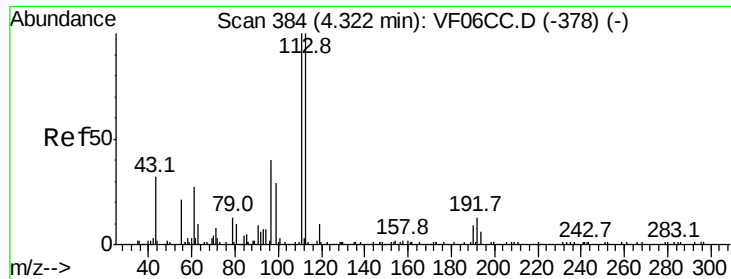
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#36
1,1-Dichloropropene
Concen: 56.143 ug/l
RT: 4.49 min Scan# 401
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.9	19.4	58.1
77	32.7	25.4	38.2





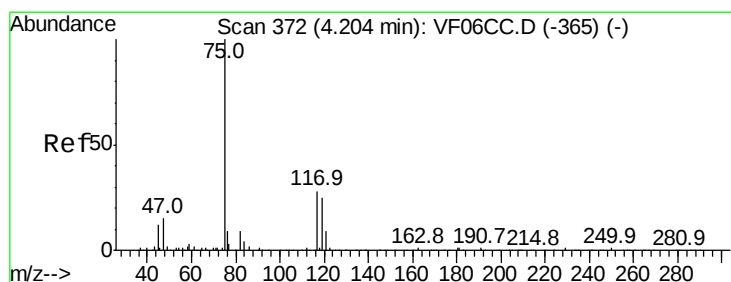
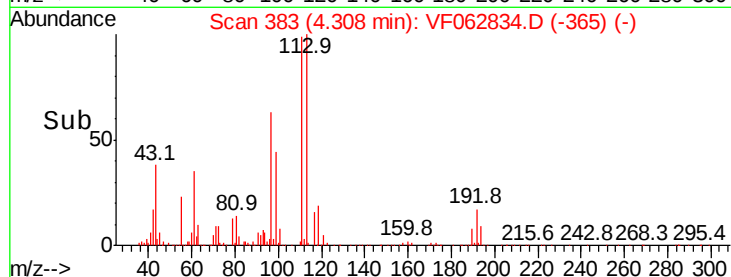
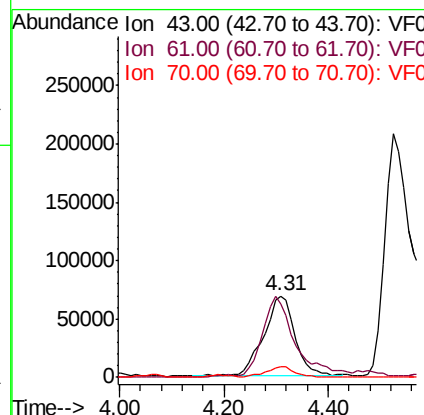
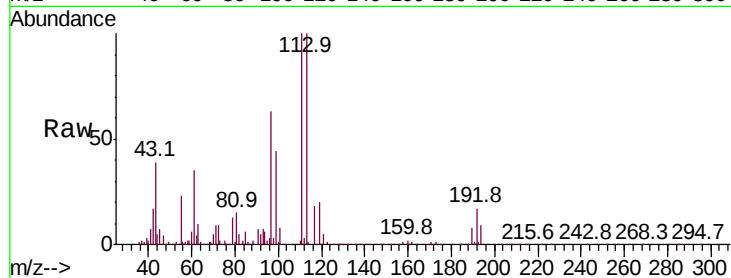
#37
Ethyl Acetate
Concen: 58.197 ug/l
RT: 4.31 min Scan# 383
Delta R.T. -0.03 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	90.0	59.1	88.7#
70	13.0	10.1	15.1

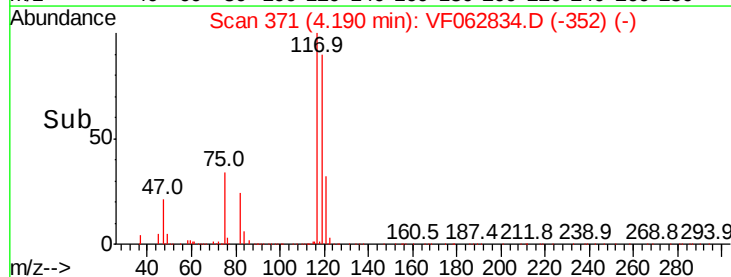
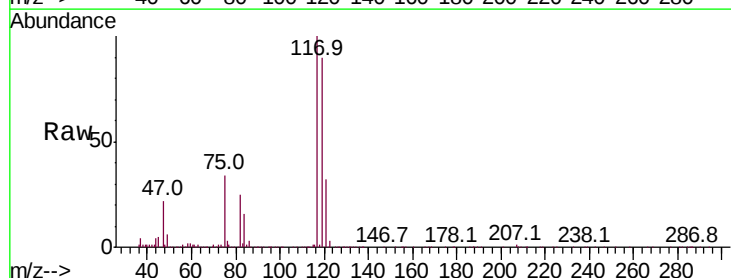
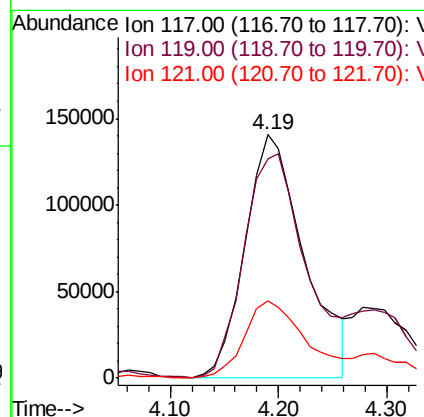
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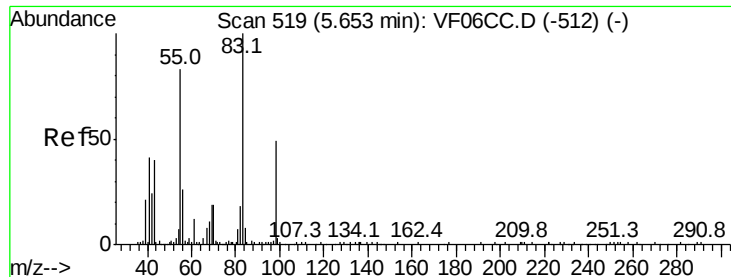
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6/4/2019 12:15:54 PM



#38
Carbon Tetrachloride
Concen: 61.597 ug/l
RT: 4.19 min Scan# 371
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.8	78.2	117.2
121	31.7	28.2	42.2





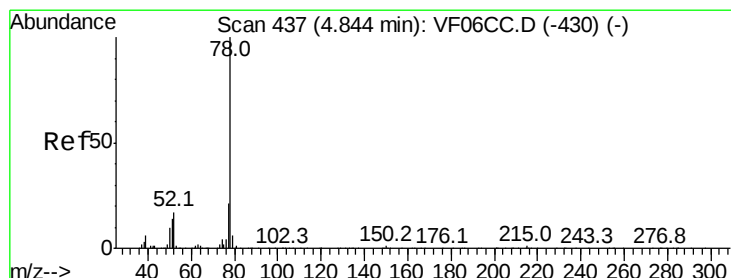
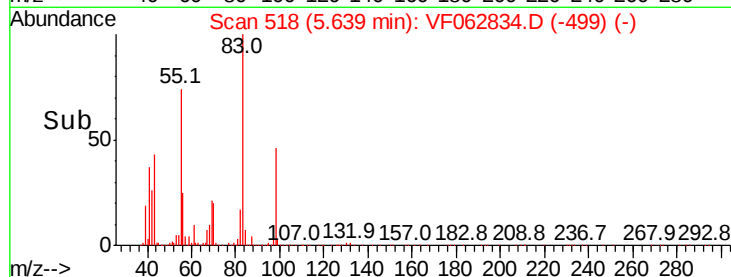
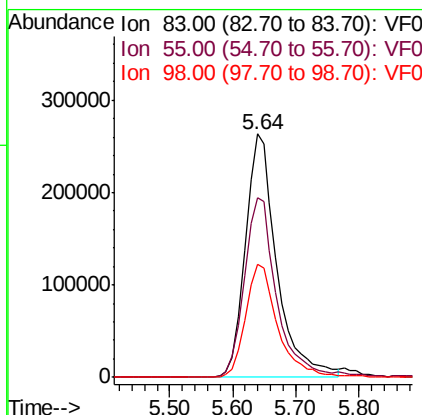
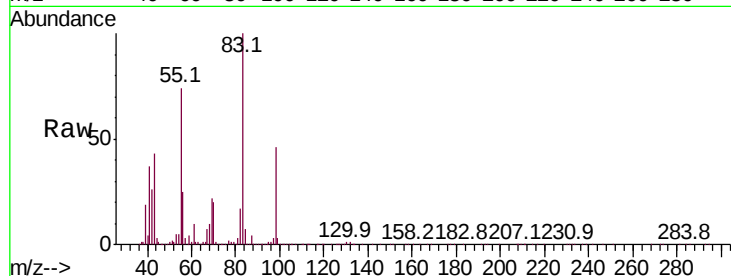
#39
Methvlcvclohexane
Concen: 57.392 ug/l
RT: 5.64 min Scan# 518
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	61.6	92.4
98	46.3	37.4	56.2

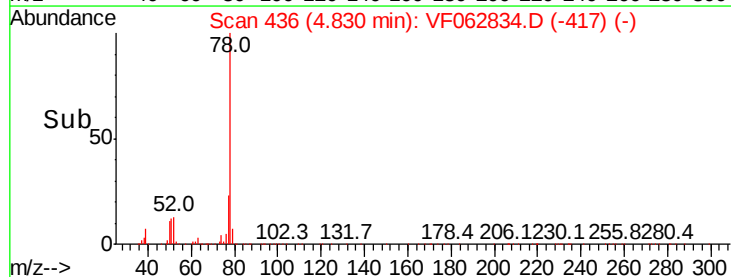
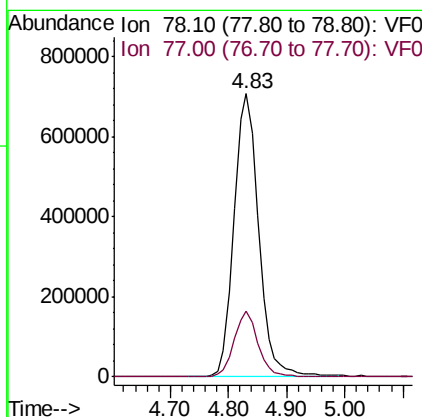
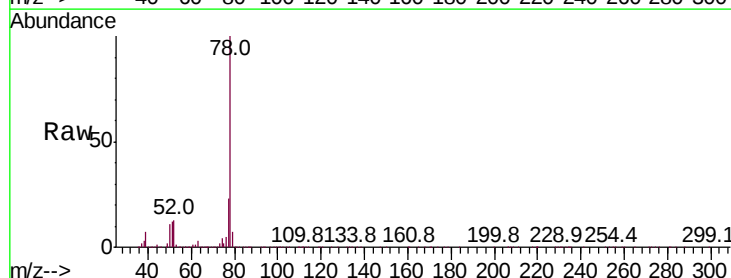
Manual Integrations
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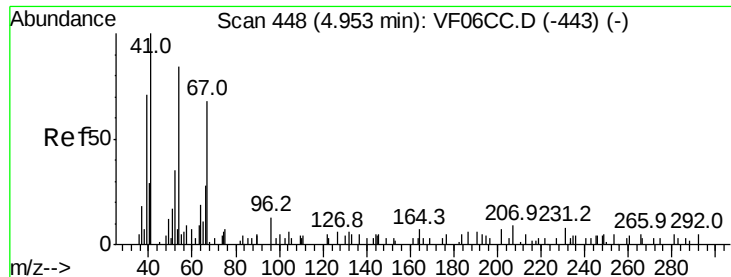
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#40
Benzene
Concen: 56.089 ug/l
RT: 4.83 min Scan# 436
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3





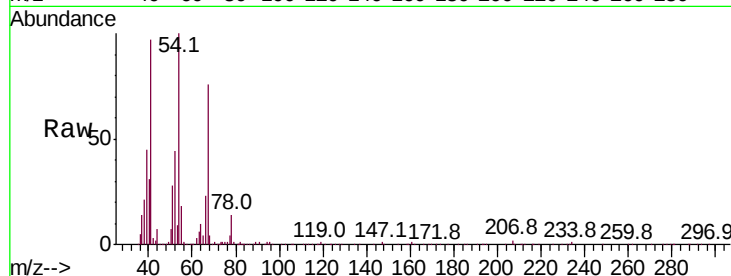
#41
Methacrylonitrile
Concen: 62.015 ug/l
RT: 4.94 min Scan# 447
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

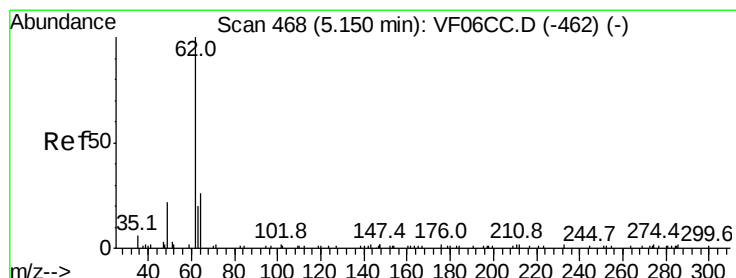
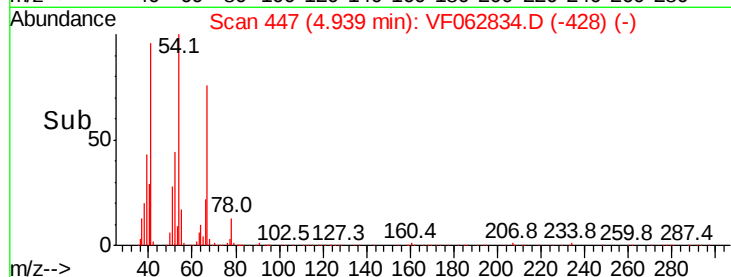
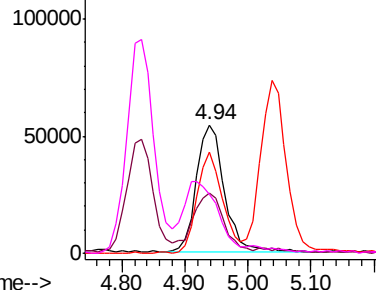
Tot Ion	Ratio	Lower	Upper
41	100		
39	46.7	42.0	63.0
67	78.4	61.4	92.0
52	45.7	42.1	63.1

Manual Integrations
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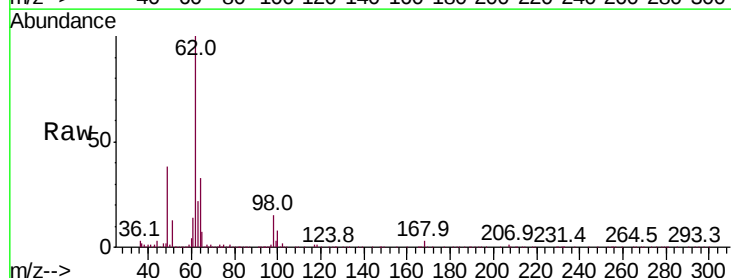


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

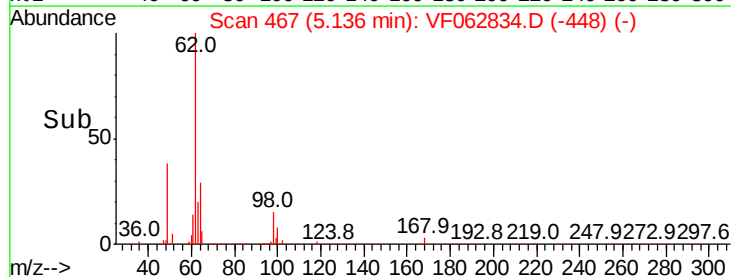
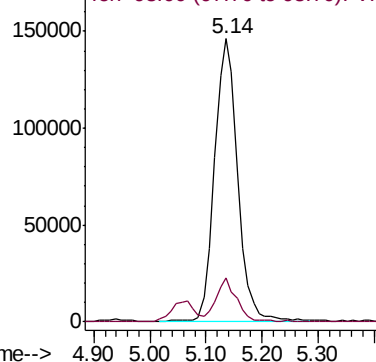


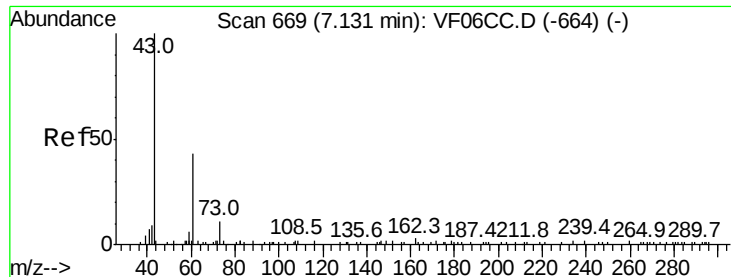
#42
1,2-Dichloroethane
Concen: 59.129 ug/l
RT: 5.14 min Scan# 467
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	15.5	0.0	24.0



Abundance Ion 62.00 (61.70 to 62.70): VF0
Ion 98.00 (97.70 to 98.70): VF0





#43

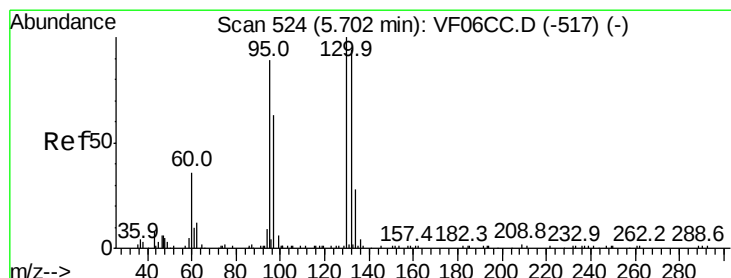
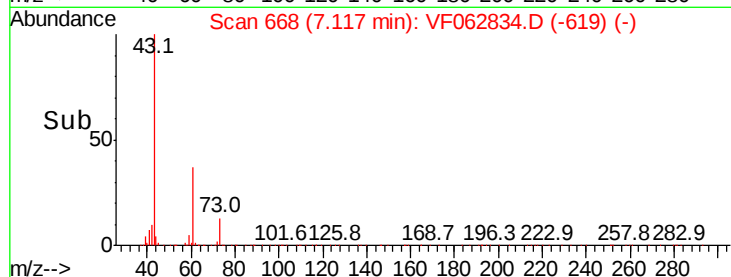
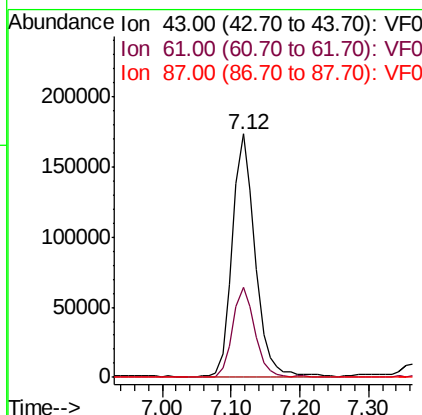
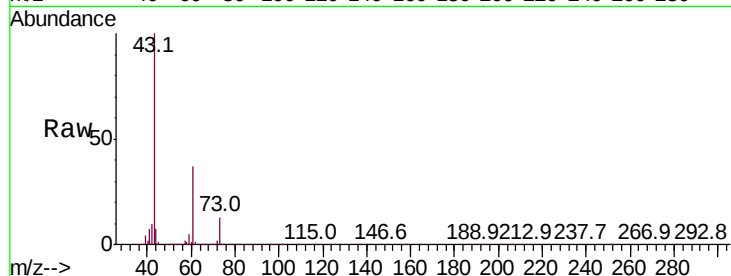
Isopropyl Acetate
 Concen: 61.354 ug/l
 RT: 7.12 min Scan# 668
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	36.8	29.8	44.6
87	0.3	0.3	0.5

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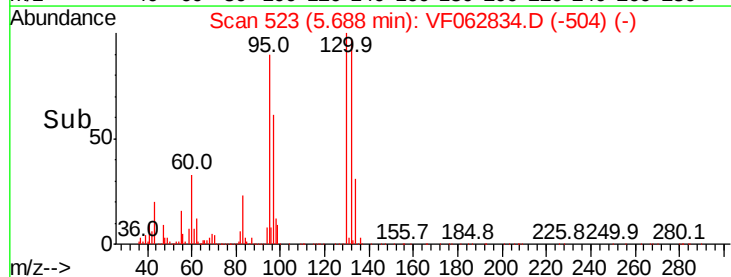
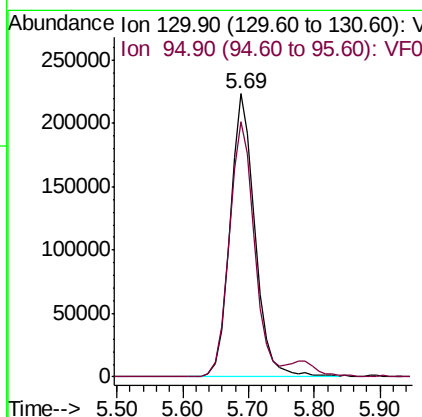
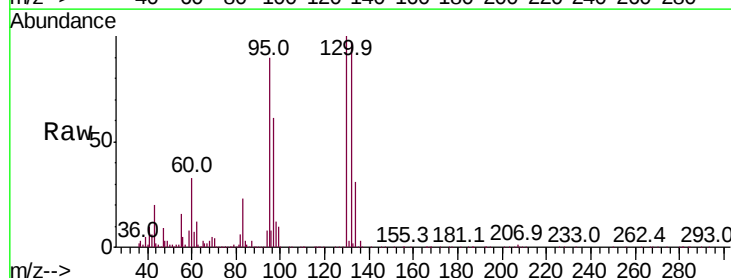
MMDadoda
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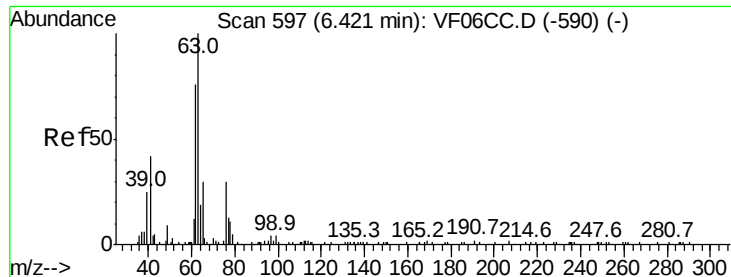


#44

Trichloroethene
 Concen: 56.366 ug/l
 RT: 5.69 min Scan# 523
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	188.2





#45

1,2-Dichloropropane

Concen: 56.274 ug/l

RT: 6.41 min Scan# 596

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 526138

Ion Ratio Lower Upper

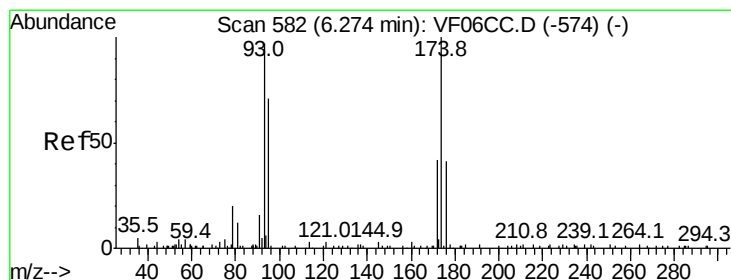
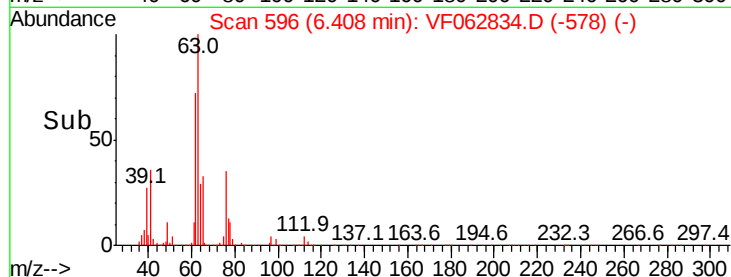
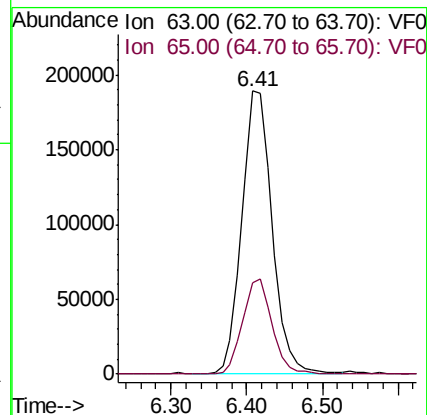
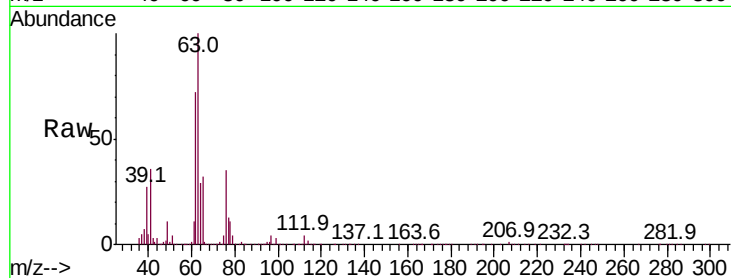
63 100

65 32.5 24.2 36.2

Manual Integrations
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6/4/2019 12:15:54 PM



#46

Dibromomethane

Concen: 55.306 ug/l

RT: 6.27 min Scan# 582

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

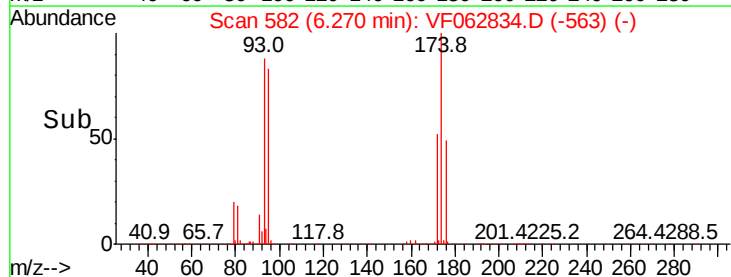
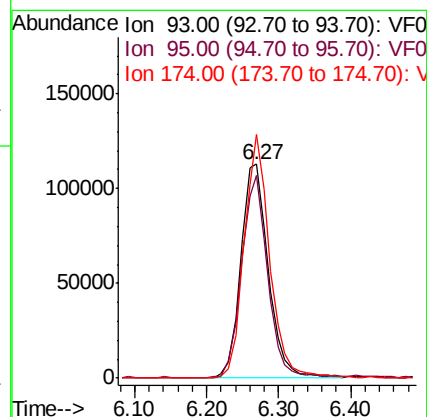
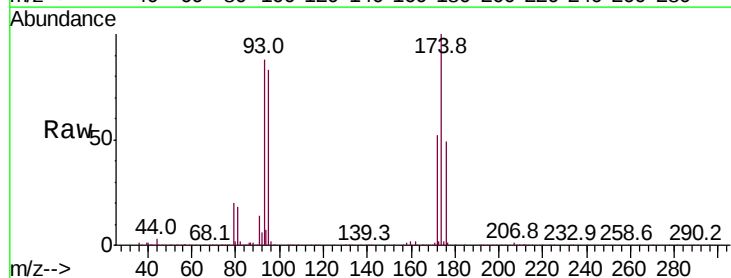
Tgt Ion: 93 Resp: 301896

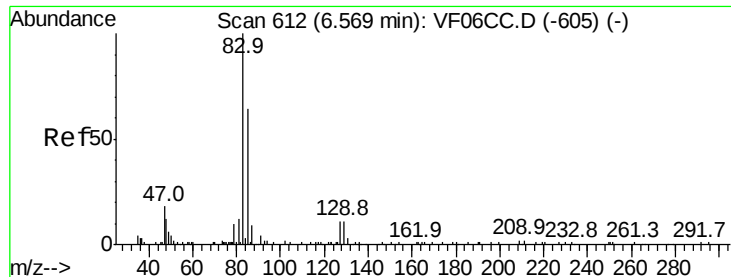
Ion Ratio Lower Upper

93 100

95 94.9 67.9 101.9

174 113.7 85.0 127.4





#47

Bromodichloromethane

Concen: 58.668 ug/l

RT: 6.56 min Scan# 611

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

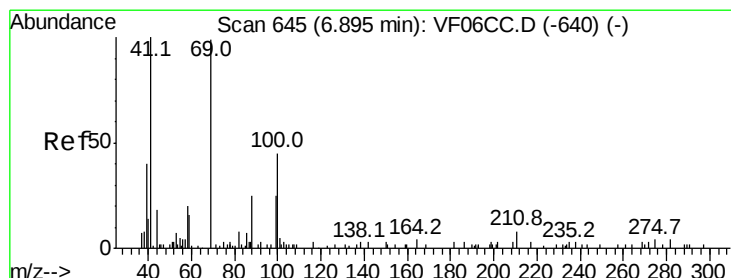
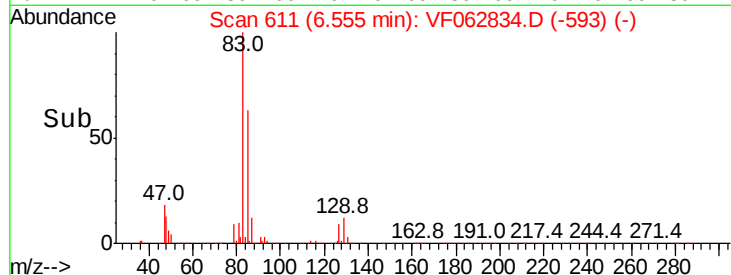
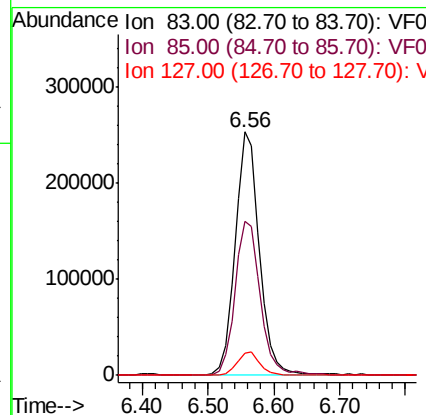
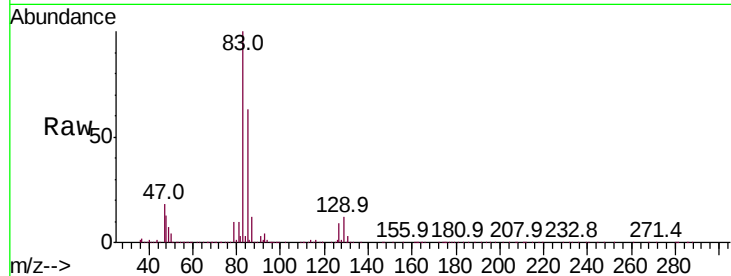
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	652215
Ion Ratio	Lower	Upper	
83	100		
85	63.1	54.2	81.4
127	8.9	7.0	10.4

Manual Integrations
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6/4/2019 12:15:54 PM



#48

Methyl methacrylate

Concen: 61.069 ug/l

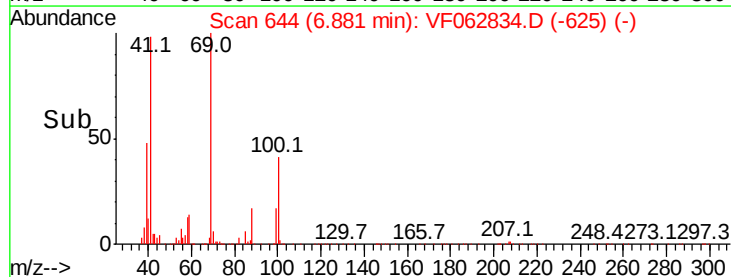
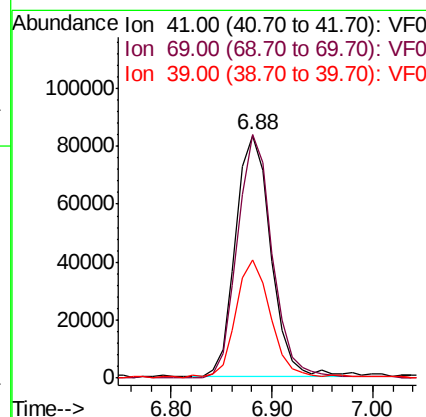
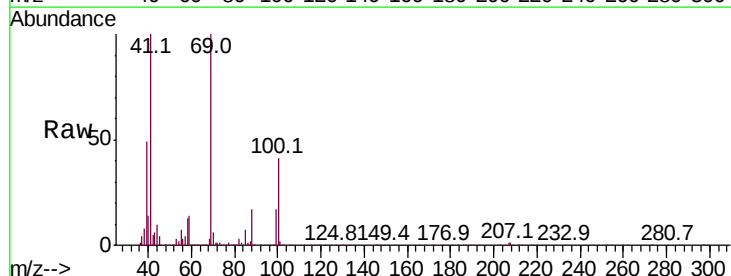
RT: 6.88 min Scan# 644

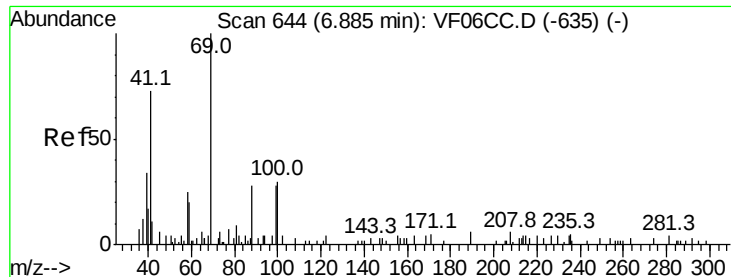
Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion:	41	Resp:	203456
Ion Ratio	Lower	Upper	
41	100		
69	100.3	79.4	119.2
39	48.7	39.8	59.6





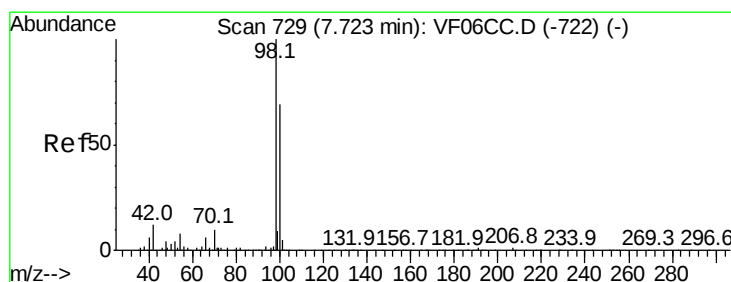
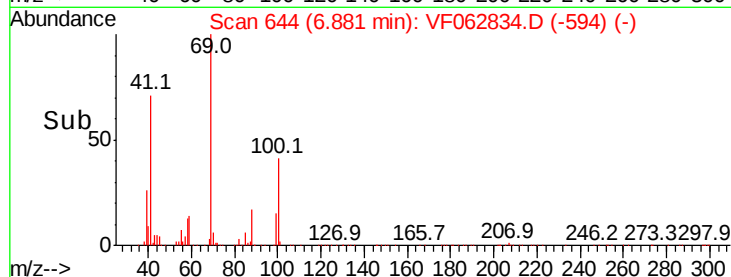
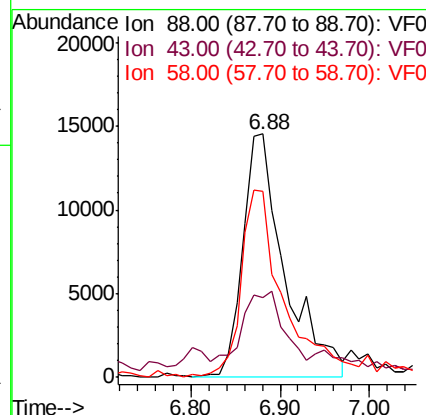
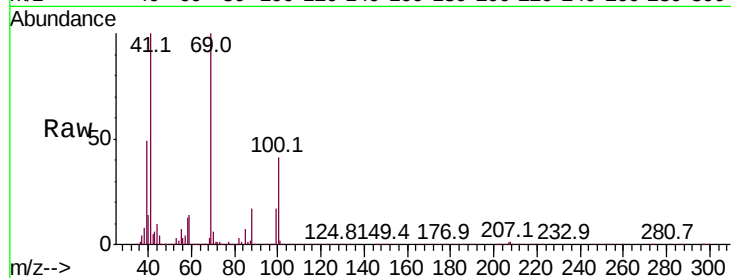
#49
1,4-Dioxane
Concen: 1087.744 ug/l
RT: 6.88 min Scan# 644
Delta R.T. -0.01 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	34.8	52.2#
58	76.4	59.9	89.9

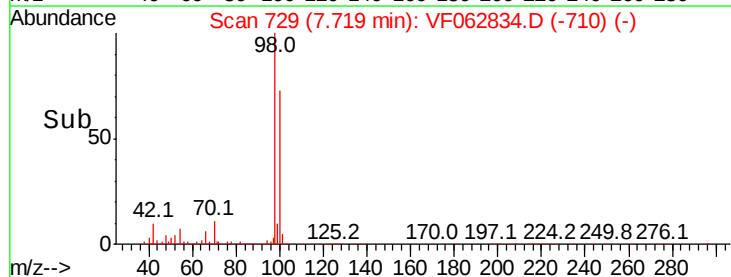
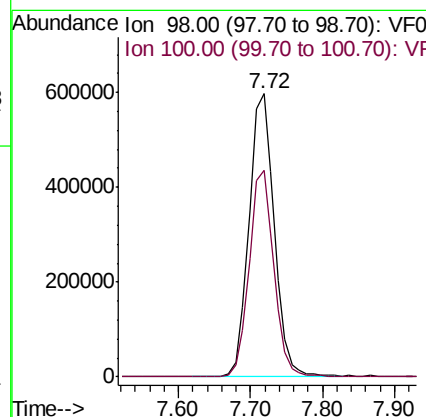
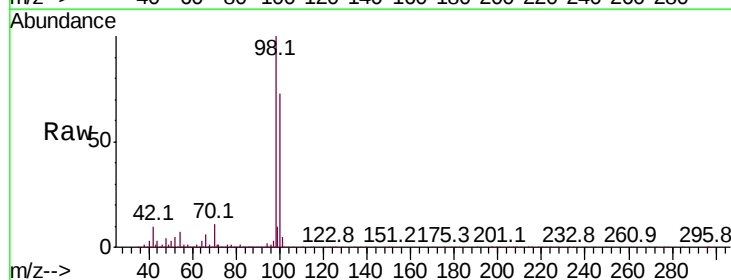
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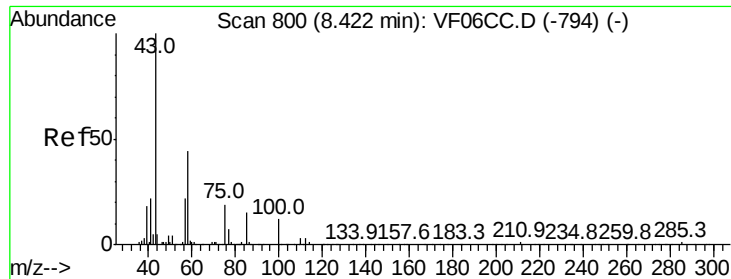
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6/4/2019 12:15:54 PM



#50
Toluene-d8
Concen: 55.330 ug/l
RT: 7.72 min Scan# 729
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	73.1	59.8	89.8





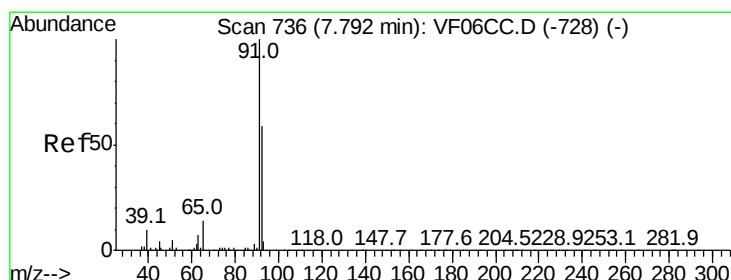
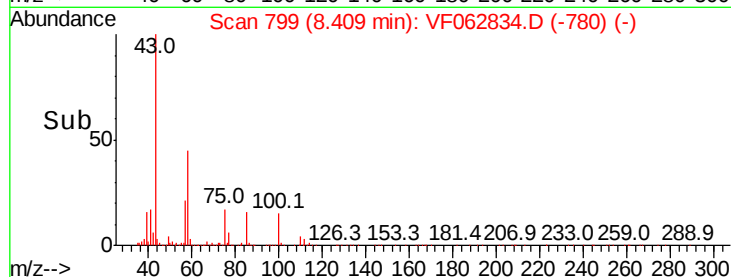
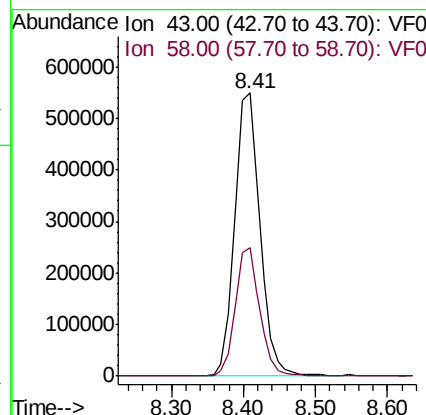
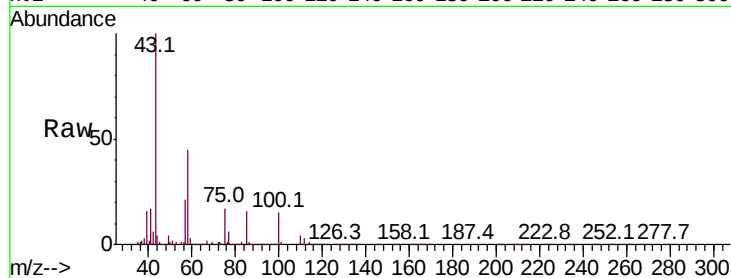
#51
4-Methyl-2-Pentanone
Concen: 293.339 ug/l
RT: 8.41 min Scan# 799
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1353833
Ion Ratio Lower Upper
43 100
58 45.2 35.5 53.3

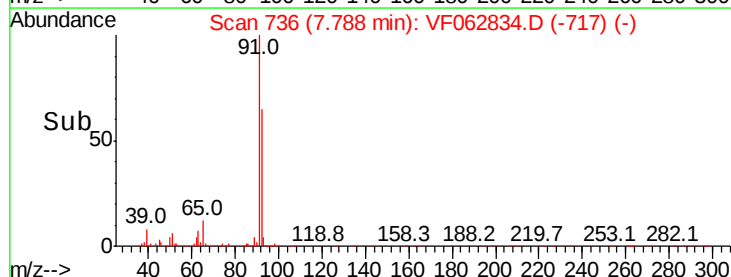
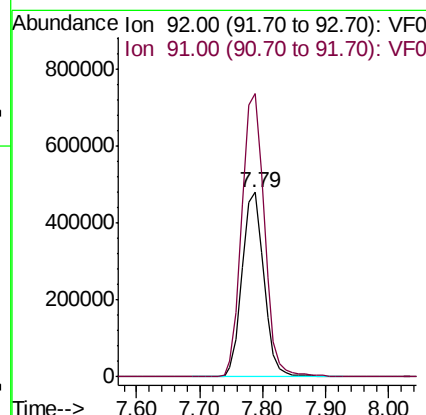
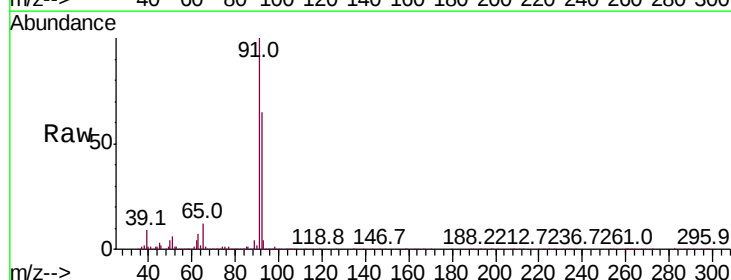
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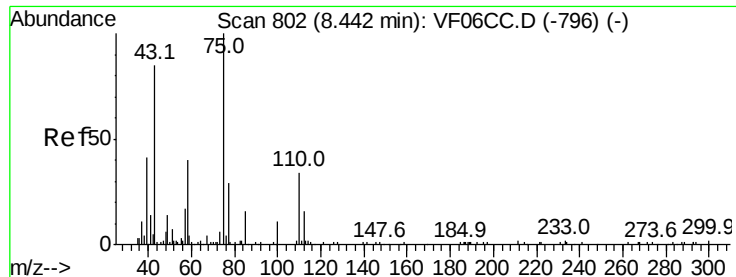
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6/4/2019 12:15:54 PM



#52
Toluene
Concen: 56.961 ug/l
RT: 7.79 min Scan# 736
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 92 Resp: 1143043
Ion Ratio Lower Upper
92 100
91 153.6 123.2 184.8





#53

t-1,3-Dichloropropene

Concen: 57.999 ug/l

RT: 8.43 min Scan# 801

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 534289

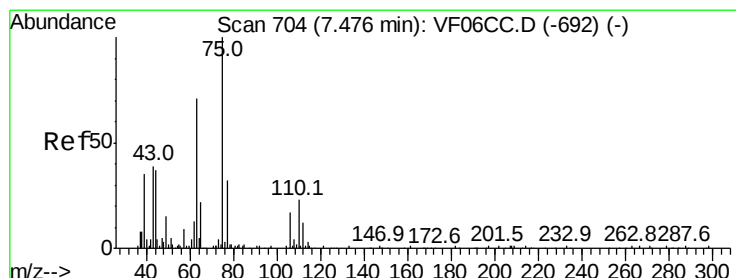
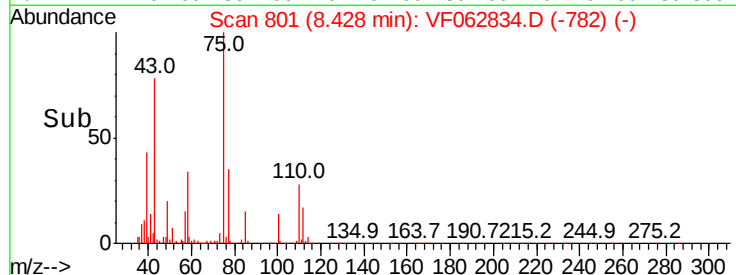
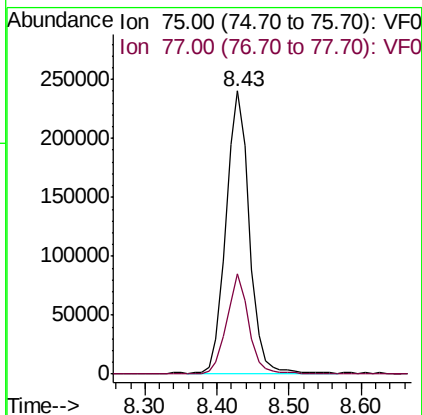
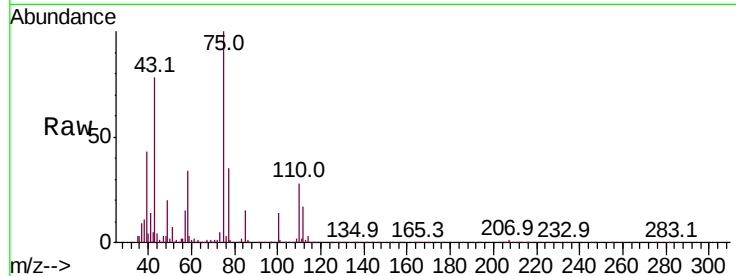
Ion Ratio Lower Upper

75 100

77 35.5 25.7 38.5

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6/4/2019 12:15:54 PM



#54

cis-1,3-Dichloropropene

Concen: 55.726 ug/l

RT: 7.46 min Scan# 703

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

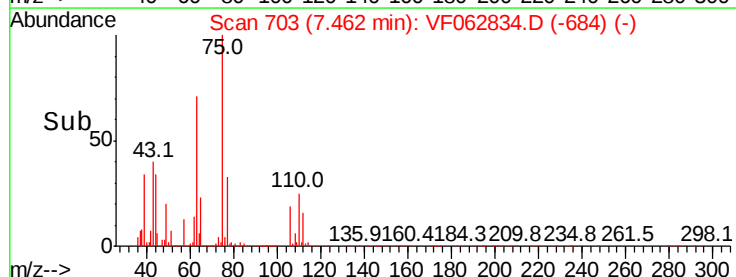
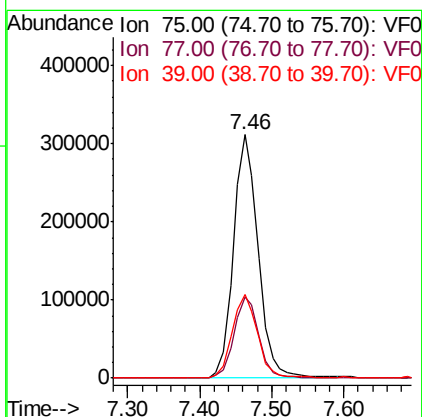
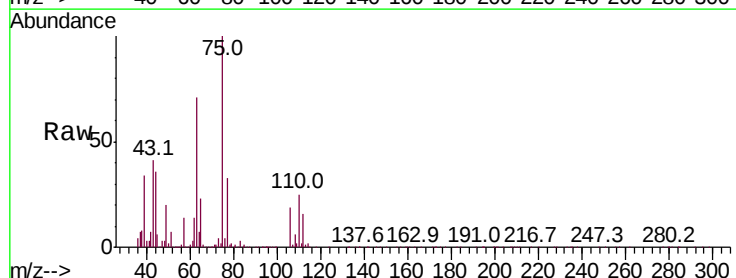
Tgt Ion: 75 Resp: 743085

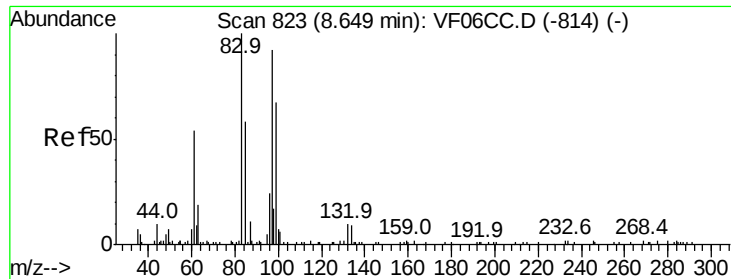
Ion Ratio Lower Upper

75 100

77 33.2 25.8 38.8

39 34.5 28.4 42.6





#55

1,1,2-Trichloroethane

Concen: 60.193 ug/l

RT: 8.64 min Scan# 822

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 360859

Ion Ratio Lower Upper

97 100

83 88.6 72.0 108.0

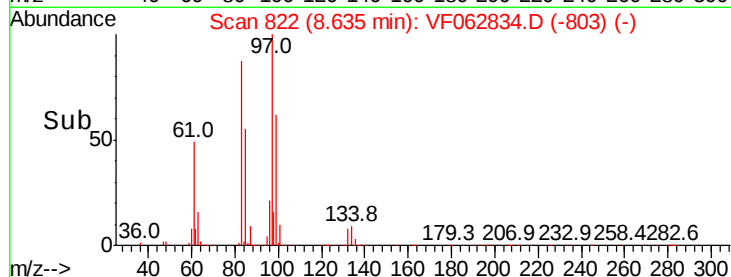
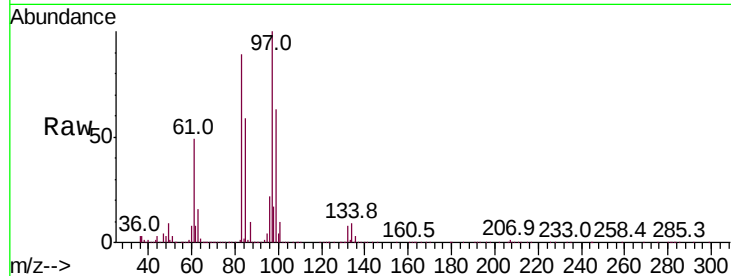
85 58.8 47.5 71.3

99 62.6 54.1 81.1

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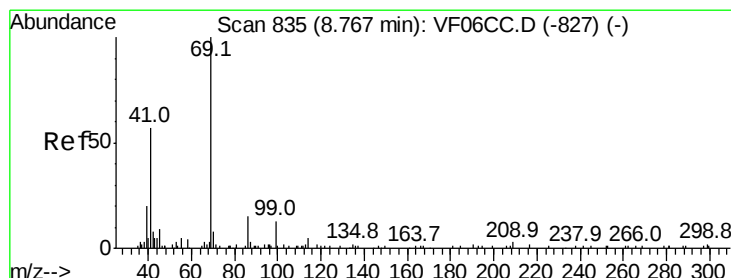
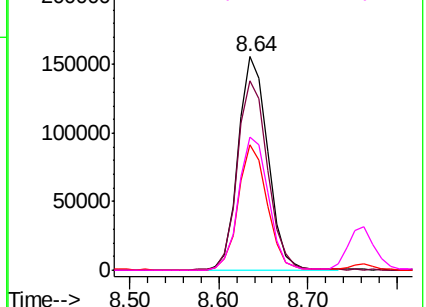


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 64.042 ug/l

RT: 8.75 min Scan# 834

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

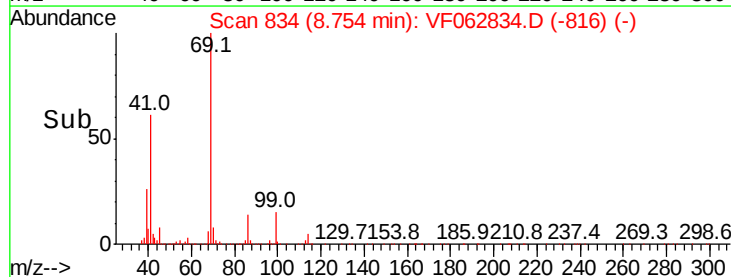
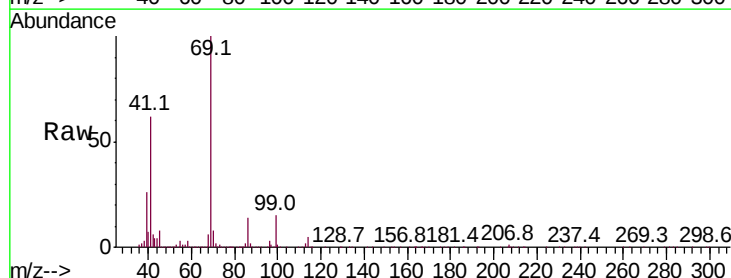
Tgt Ion: 69 Resp: 411953

Ion Ratio Lower Upper

69 100

41 61.7 46.6 69.8

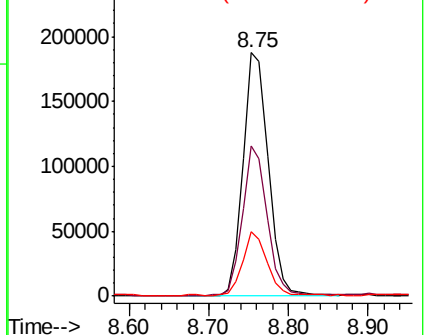
39 26.4 19.6 29.4

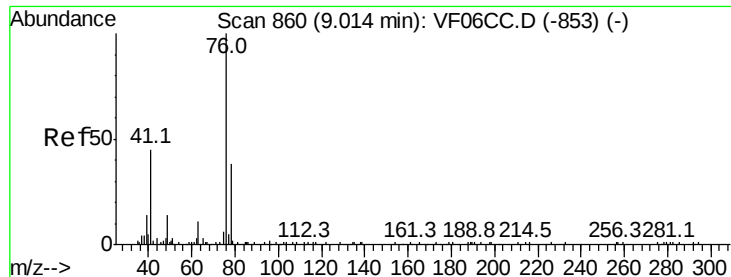


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





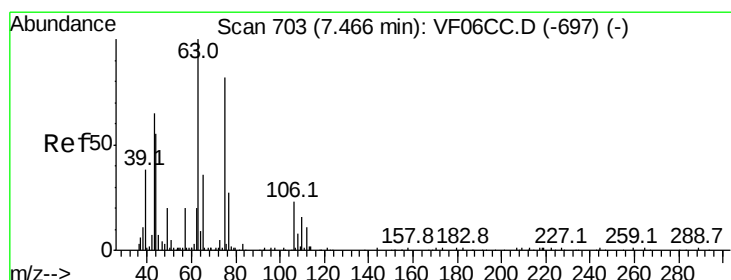
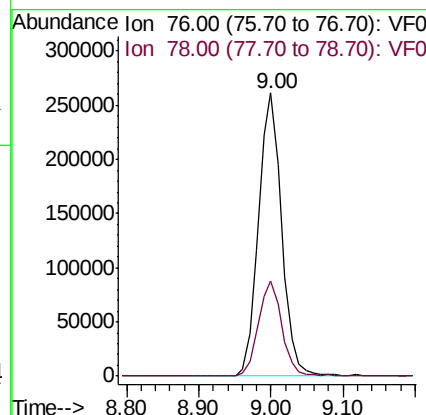
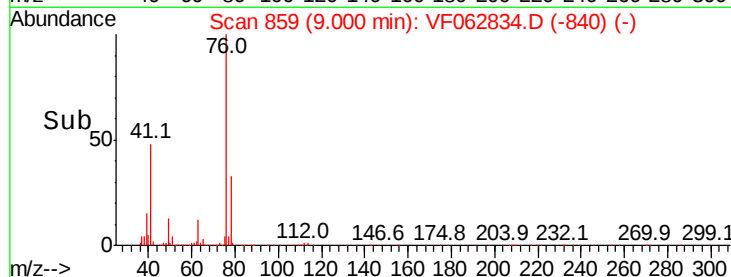
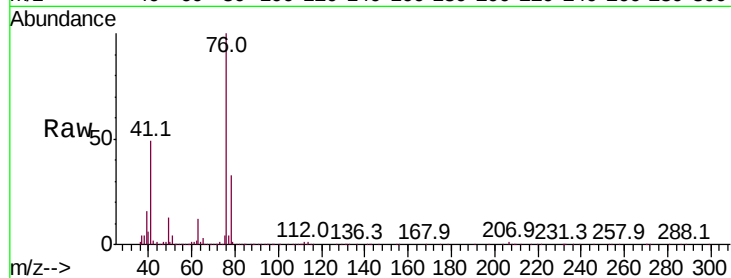
#57
 1,3-Dichloropropane
 Concen: 59.895 ug/l
 RT: 9.00 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 586372
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.8 40.2

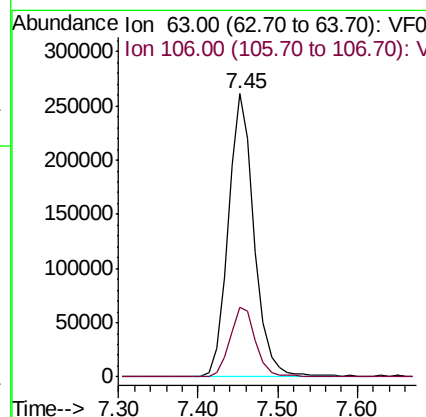
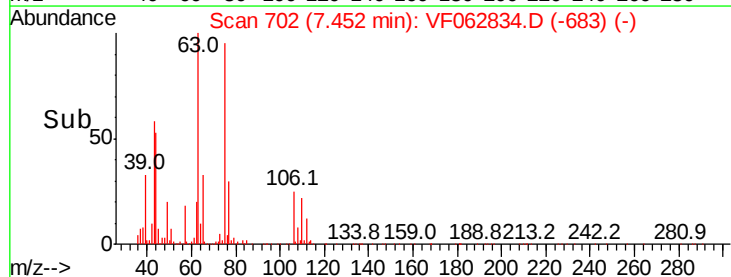
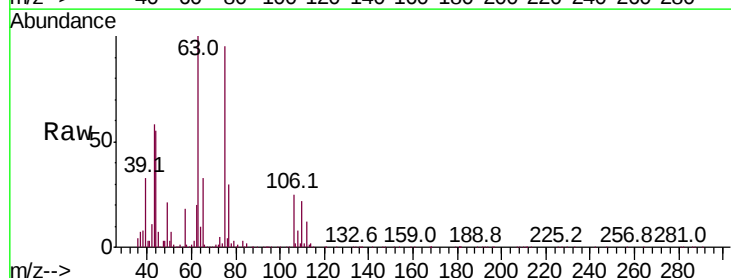
Manual Integrations
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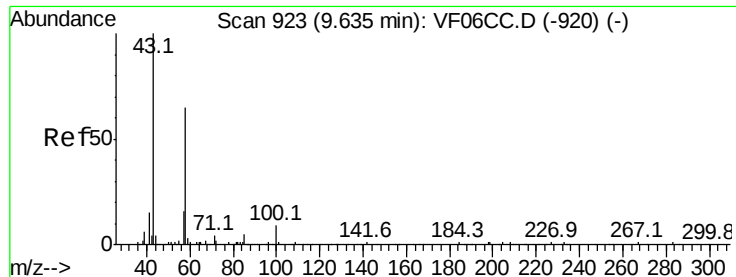
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#58
 2-Chloroethyl Vinyl ether
 Concen: 264.228 ug/l
 RT: 7.45 min Scan# 702
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion: 63 Resp: 594008
 Ion Ratio Lower Upper
 63 100
 106 24.6 19.5 29.3





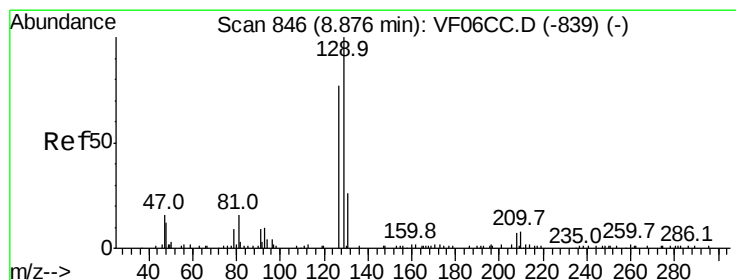
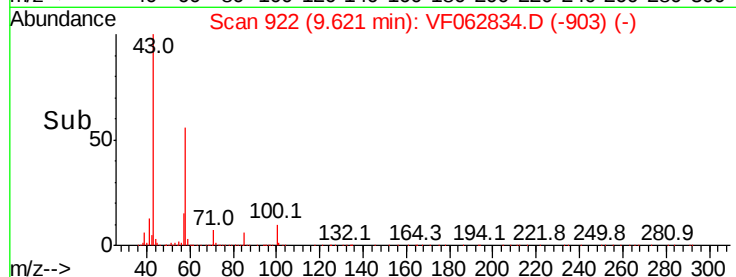
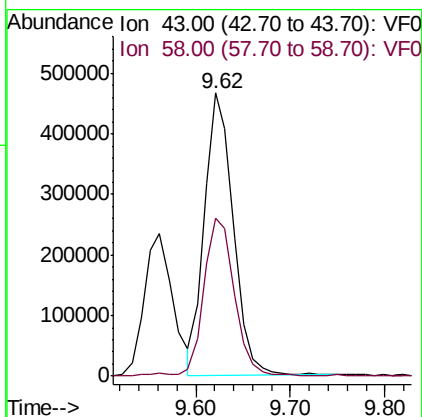
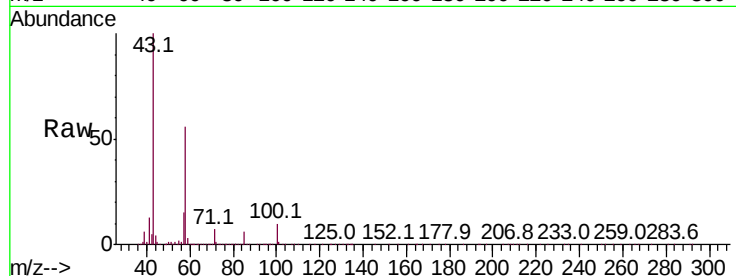
#59
2-Hexanone
Concen: 300.856 ug/l
RT: 9.62 min Scan# 922
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 989698
Ion Ratio Lower Upper
43 100
58 56.0 29.3 87.9

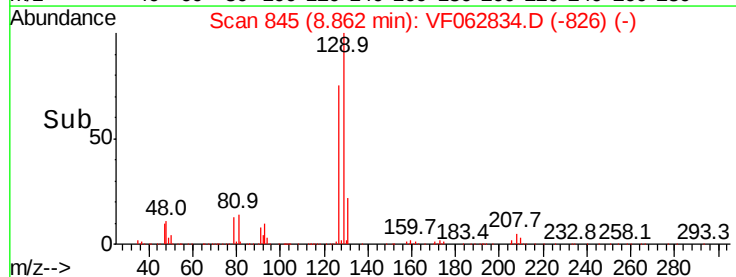
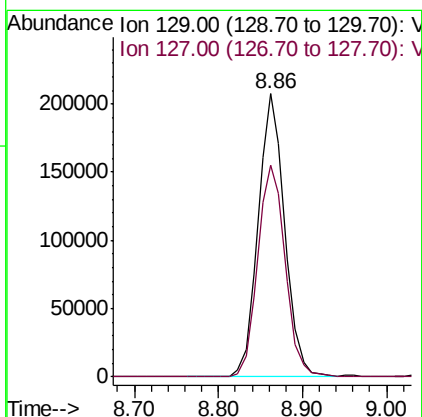
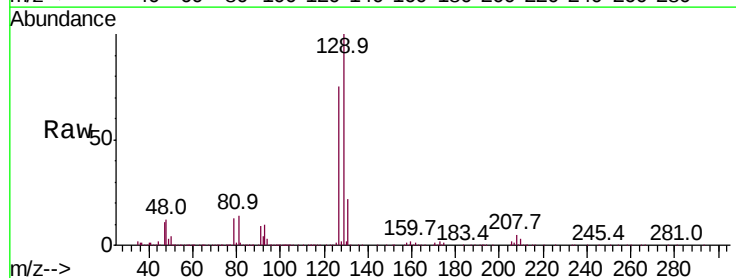
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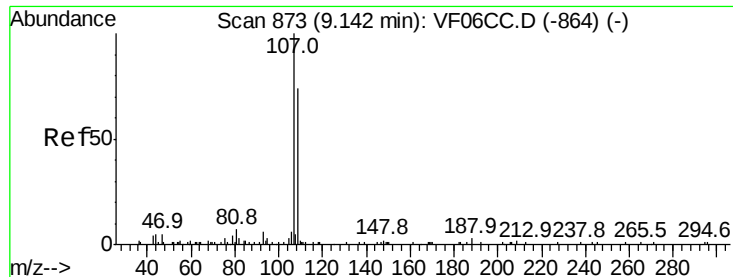
MMDadoda
6/4/2019 12:15:54 PM



#60
Dibromochloromethane
Concen: 62.153 ug/l
RT: 8.86 min Scan# 845
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 129 Resp: 461315
Ion Ratio Lower Upper
129 100
127 74.7 37.1 111.3





#61

1,2-Dibromoethane

Concen: 60.132 ug/l

RT: 9.13 min Scan# 872

Delta R.T. -0.03 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 374396

Ion Ratio Lower Upper

107 100

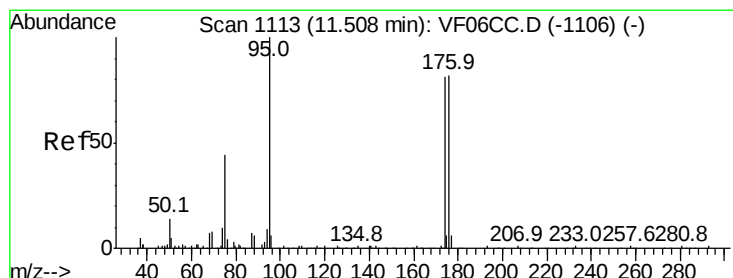
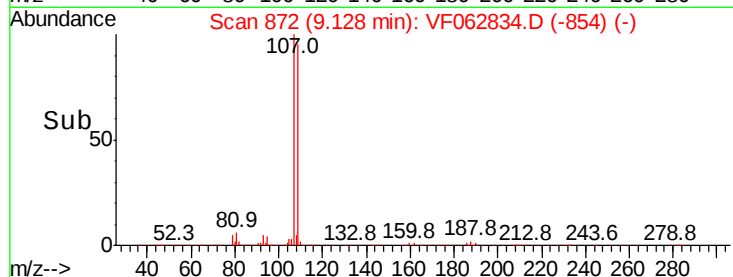
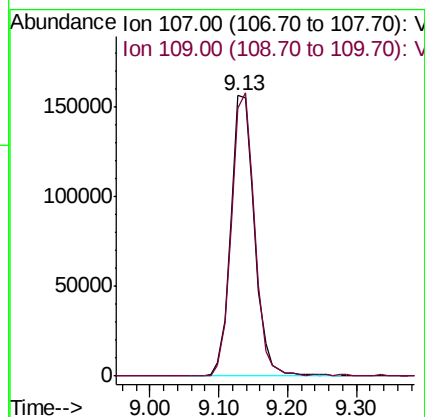
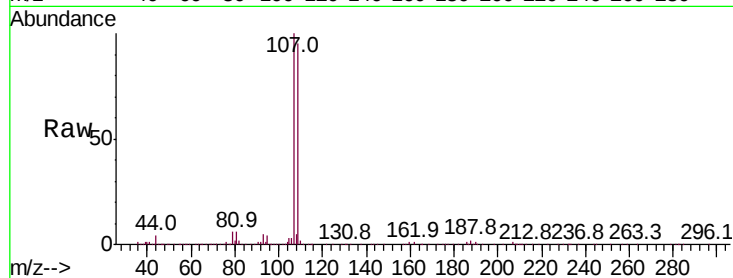
109 95.5 78.1 117.1

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6/4/2019 12:15:54 PM



#62

4-Bromofluorobenzene

Concen: 58.192 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

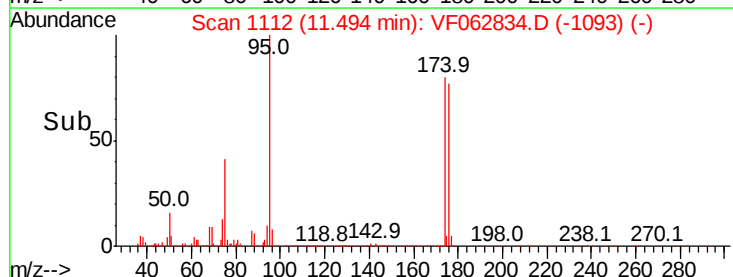
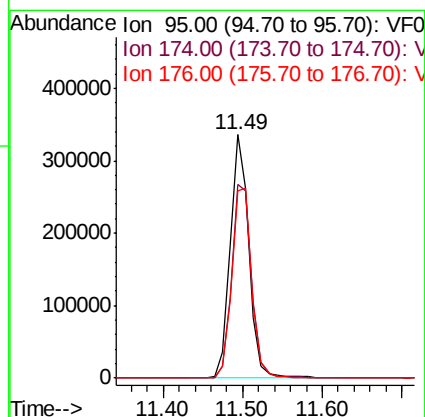
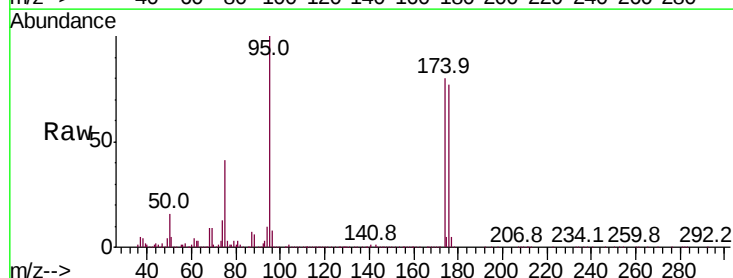
Tgt Ion: 95 Resp: 556219

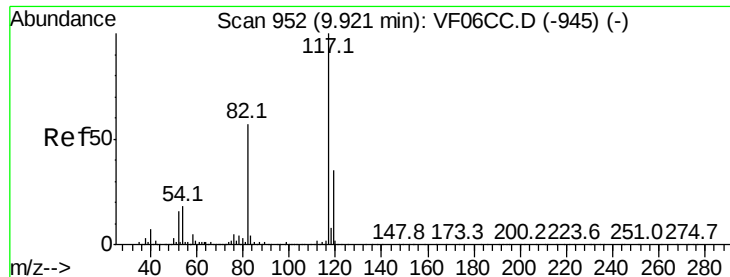
Ion Ratio Lower Upper

95 100

174 79.6 0.0 170.6

176 77.0 0.0 170.6





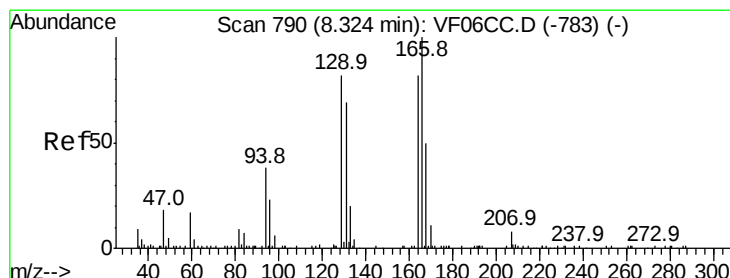
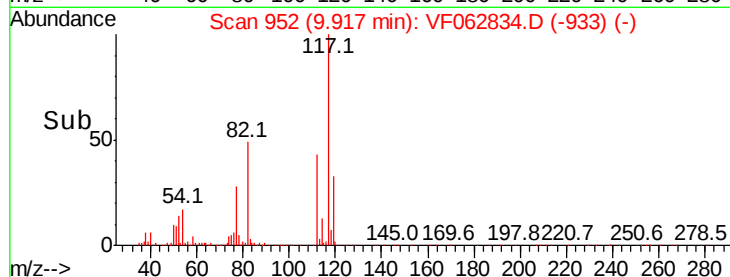
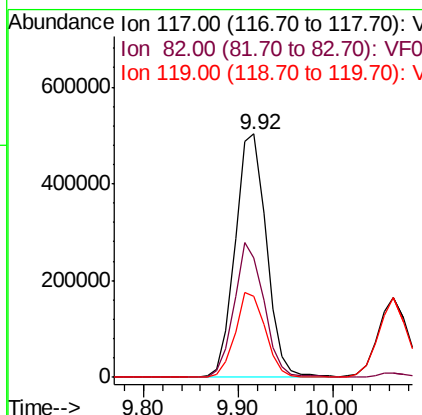
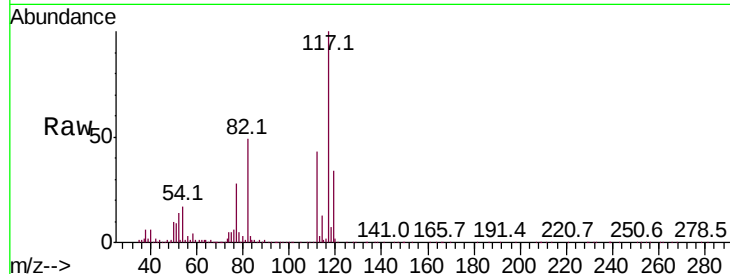
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 952
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.1	42.4	63.6
119	33.5	27.1	40.7

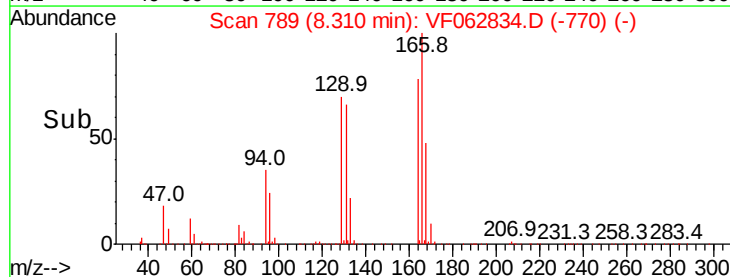
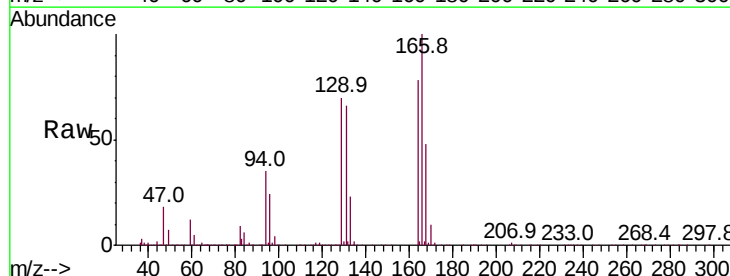
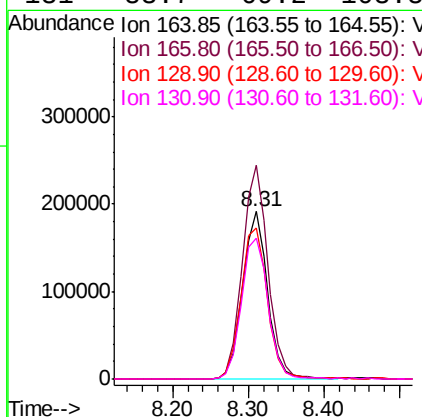
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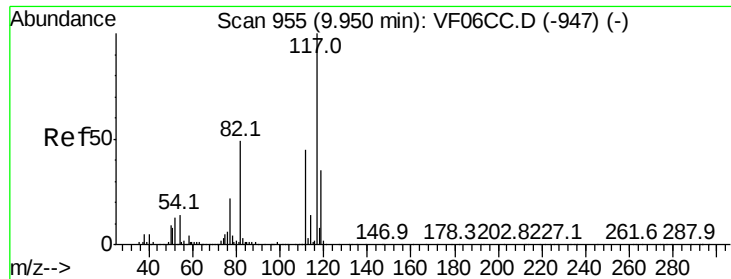
MMDadoda
6/4/2019 12:15:54 PM



#64
Tetrachloroethene
Concen: 49.548 ug/l
RT: 8.31 min Scan# 789
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	99.1	148.7
129	89.8	69.5	104.3
131	83.7	69.2	103.8





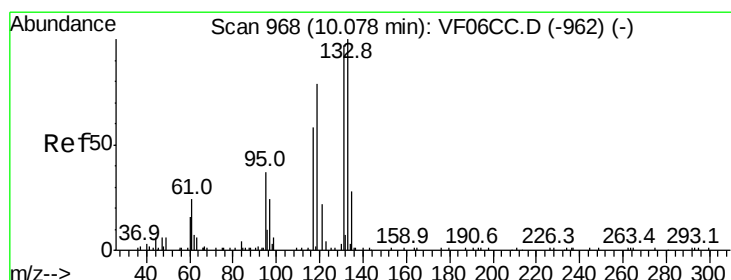
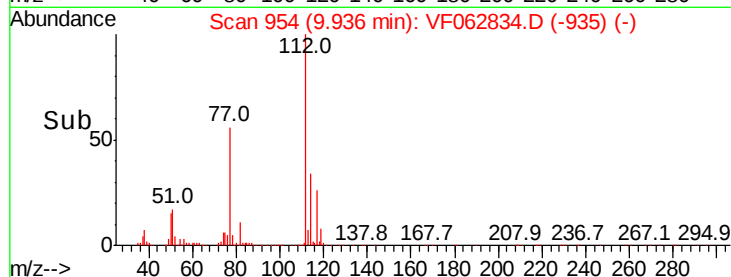
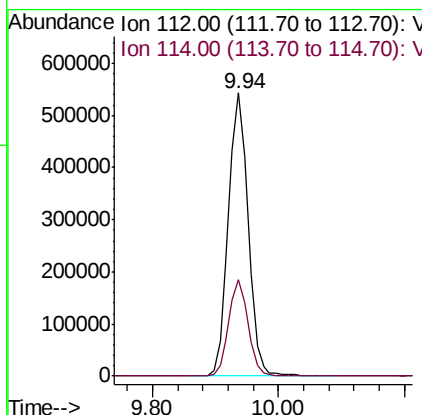
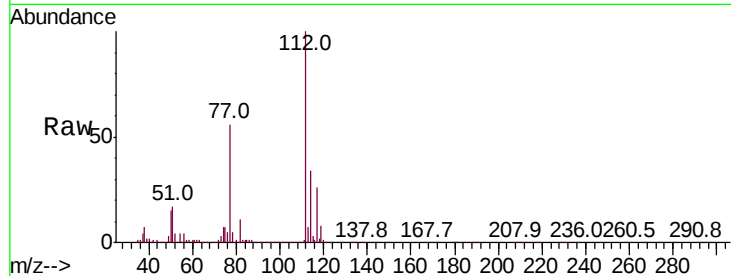
#65
Chlorobenzene
Concen: 52.996 ug/l
RT: 9.94 min Scan# 954
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1180715
Ion Ratio Lower Upper
112 100
114 33.9 27.4 41.0

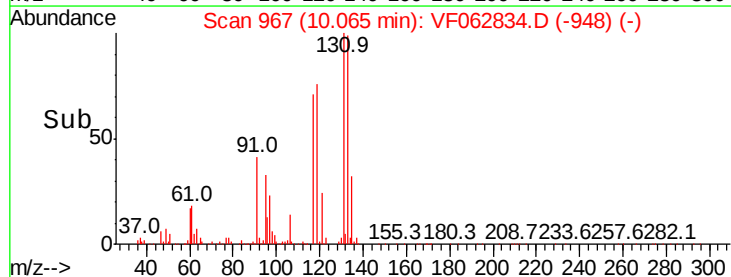
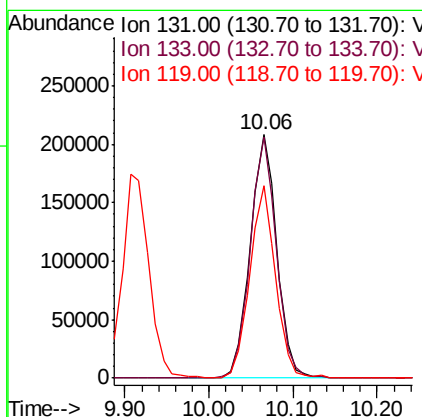
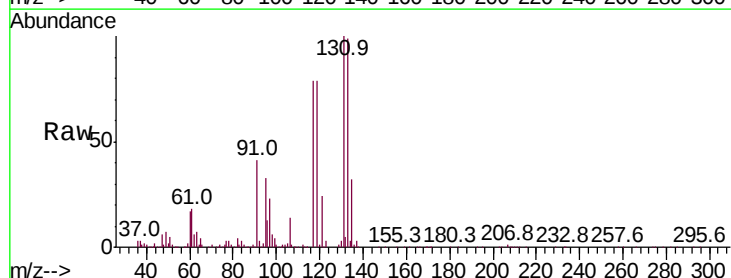
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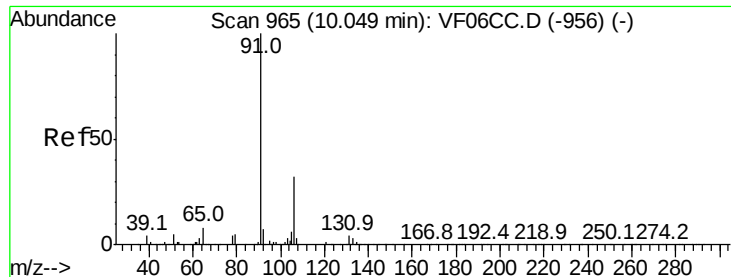
MMDadoda
6/4/2019 12:15:54 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.088 ug/l
RT: 10.06 min Scan# 967
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion:131 Resp: 462171
Ion Ratio Lower Upper
131 100
133 99.3 48.9 146.7
119 79.3 38.0 114.0





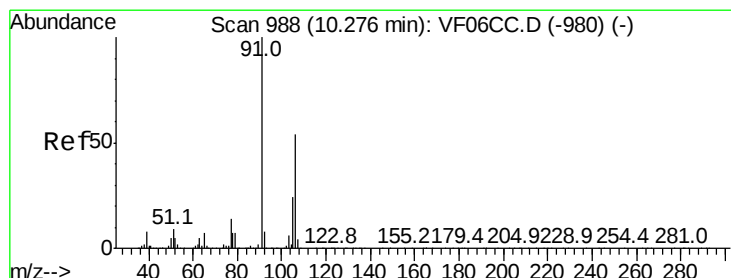
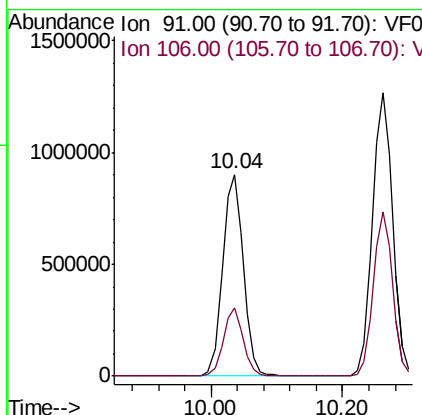
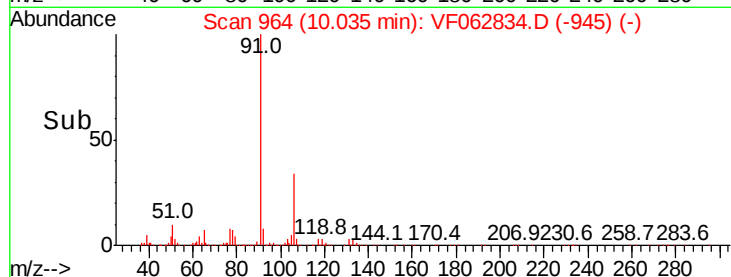
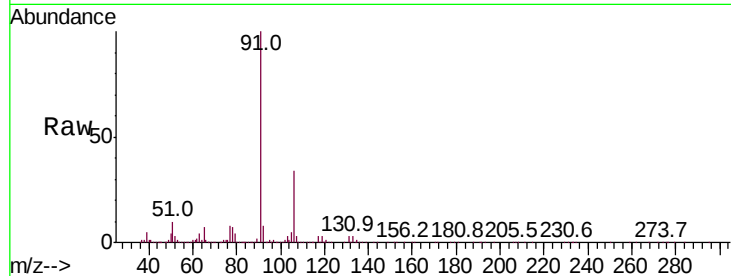
#67
Ethyl Benzene
Concen: 51.902 ug/l
RT: 10.04 min Scan# 964
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1984308
Ion Ratio Lower Upper
91 100
106 33.7 26.0 39.0

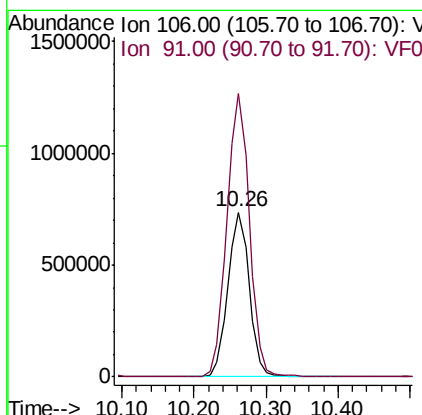
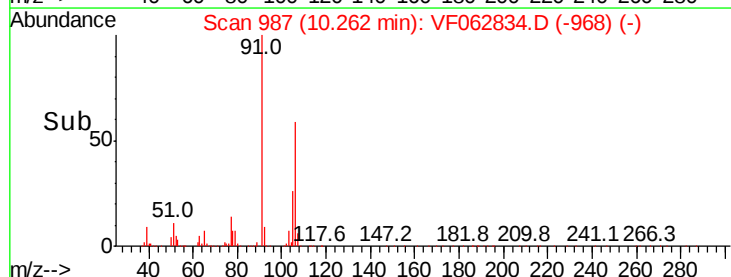
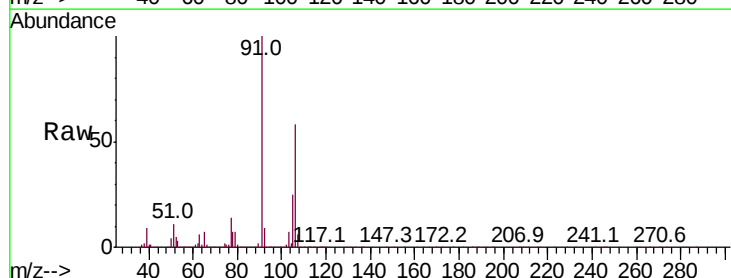
Manual Integrations
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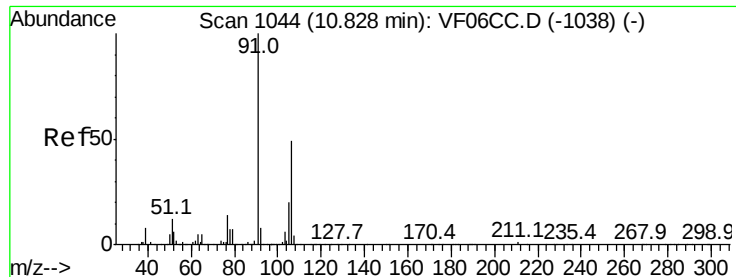
MMDadoda
6/4/2019 12:15:54 PM



#68
m/p-Xylenes
Concen: 104.650 ug/l
RT: 10.26 min Scan# 987
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion: 106 Resp: 1531037
Ion Ratio Lower Upper
106 100
91 172.1 136.2 204.4





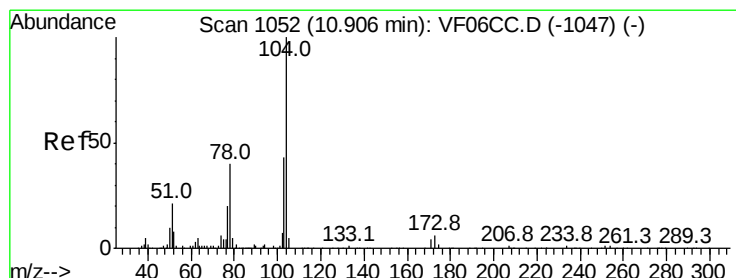
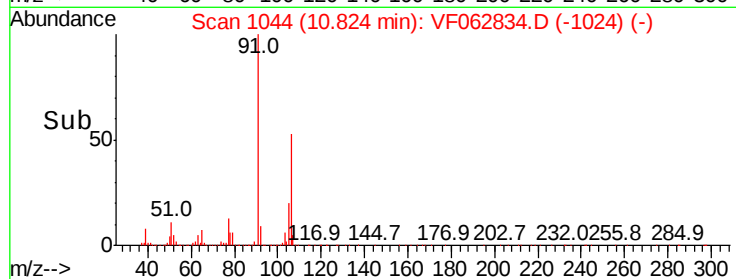
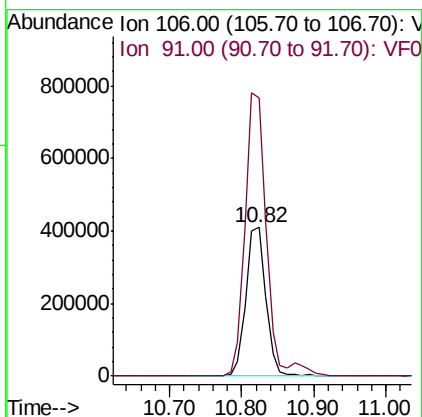
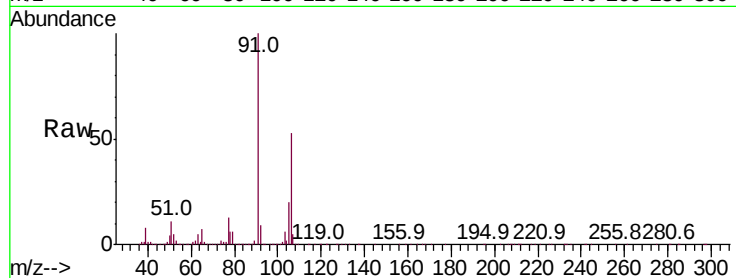
#69
o-Xylene
Concen: 53.997 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	187.3	96.6	289.8

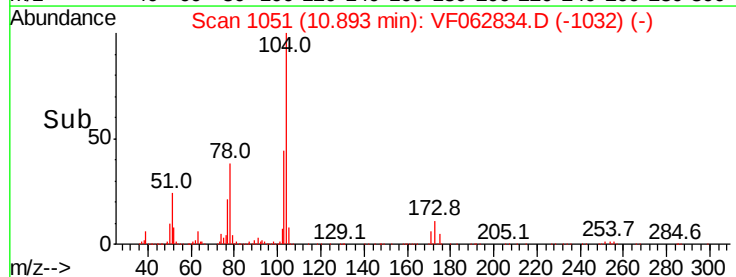
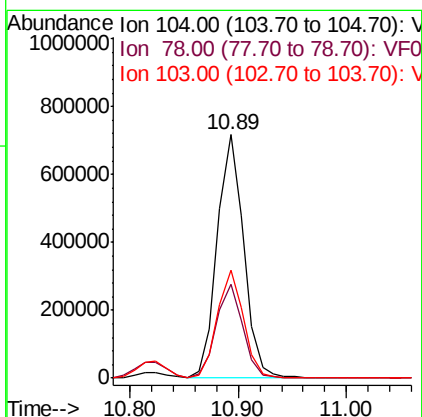
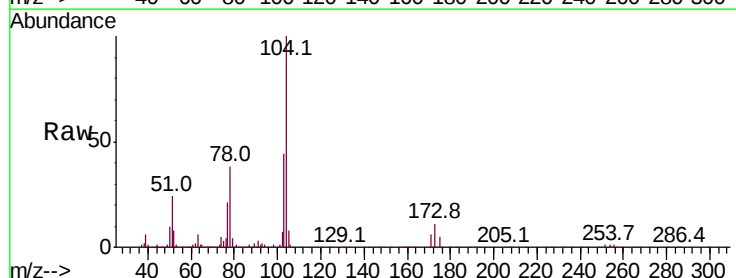
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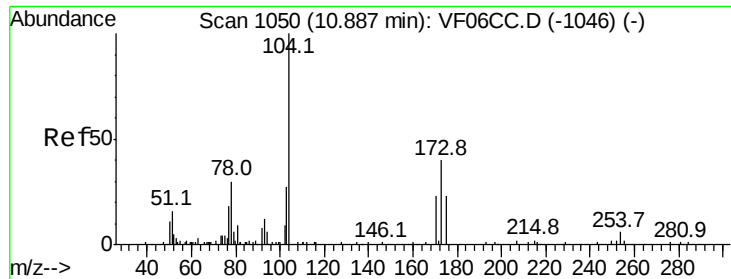
MMDadoda
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#70
Styrene
Concen: 55.979 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	38.4	30.8	46.2
103	44.1	35.8	53.6





#71

Bromoform

Concen: 60.840 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

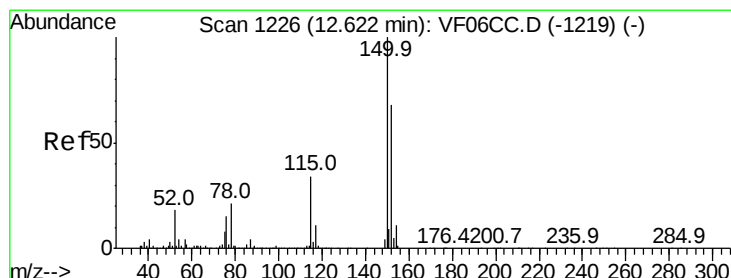
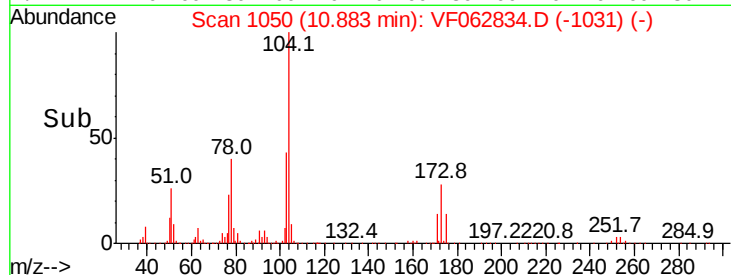
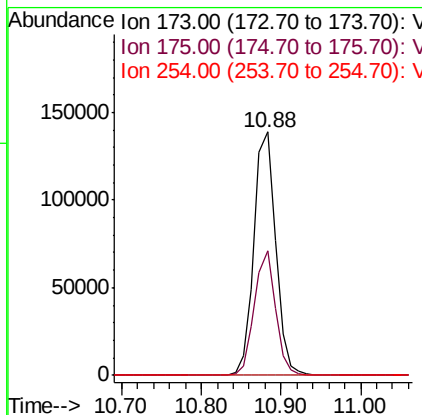
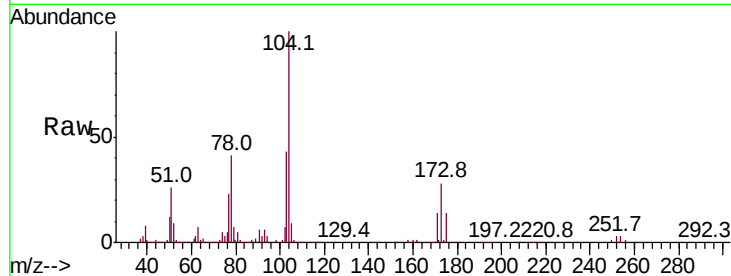
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.4	24.6	74.0
254	0.3	0.1	0.1#

Manual Integrations
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6/4/2019 12:15:54 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

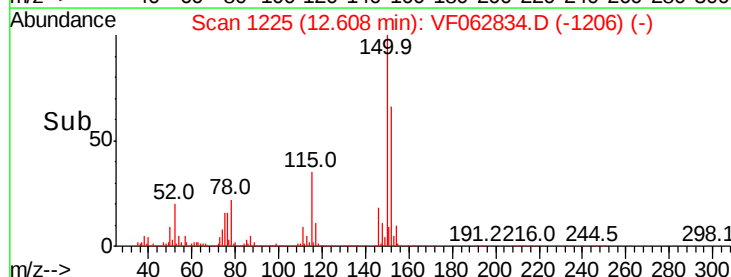
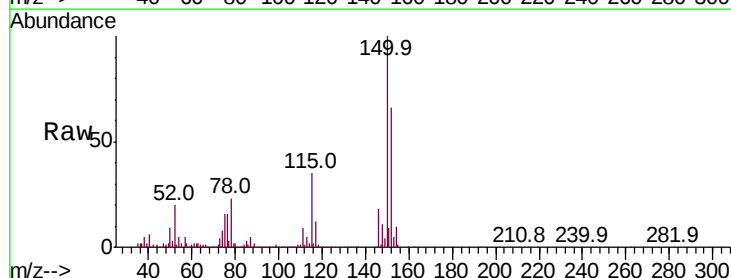
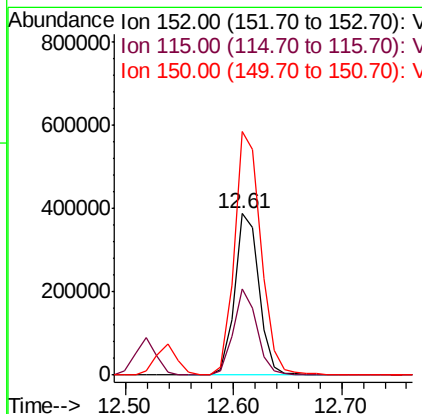
RT: 12.61 min Scan# 1225

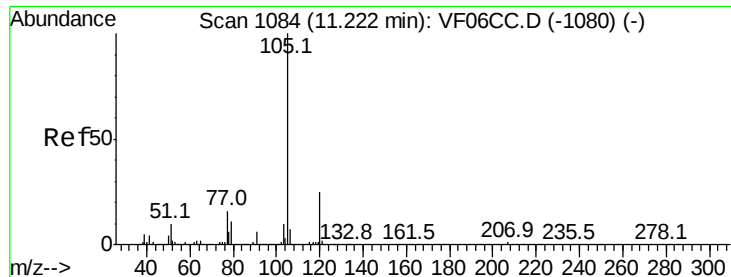
Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	24.6	74.0
150	150.8	0.0	290.6





#73

Isopropylbenzene

Concen: 48.817 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2070014

Ion Ratio Lower Upper

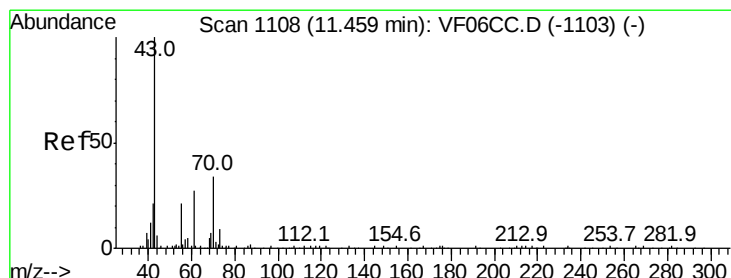
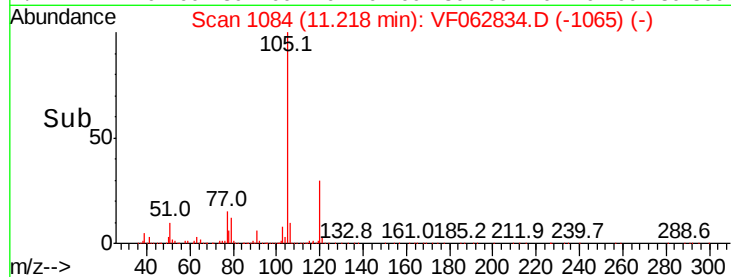
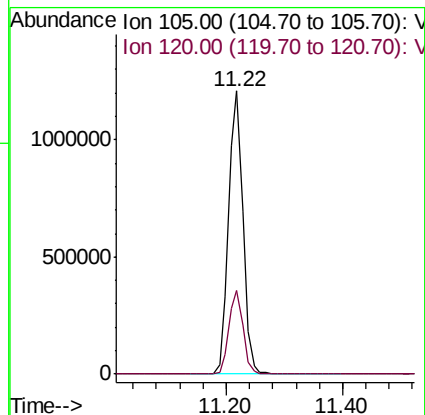
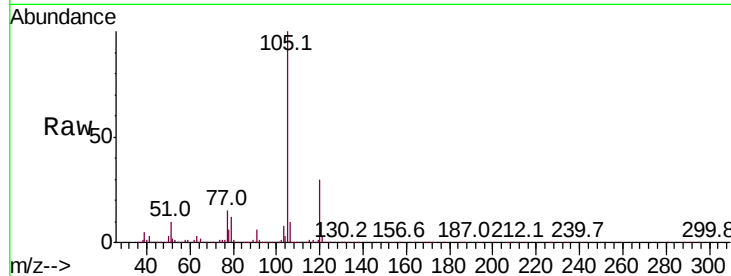
105 100

120 29.7 15.1 45.3

Manual Integrations
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6/4/2019 12:15:54 PM



#74

N-ethyl acetate

Concen: 48.815 ug/l

RT: 11.44 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion: 43 Resp: 583389

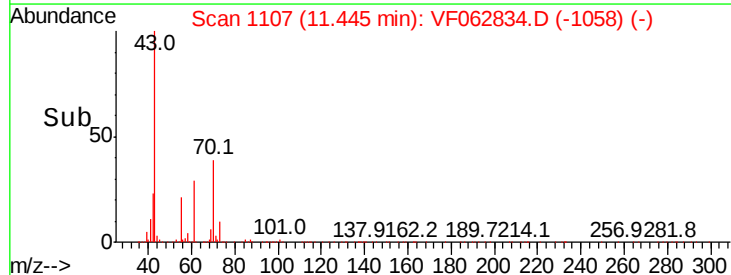
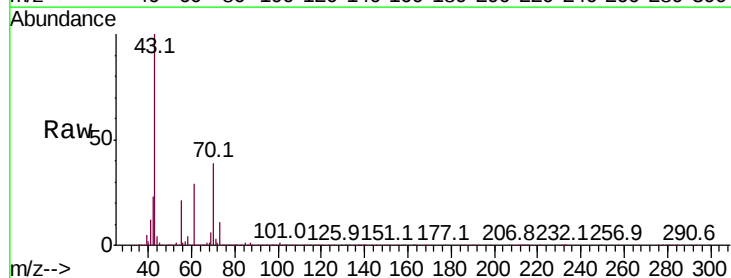
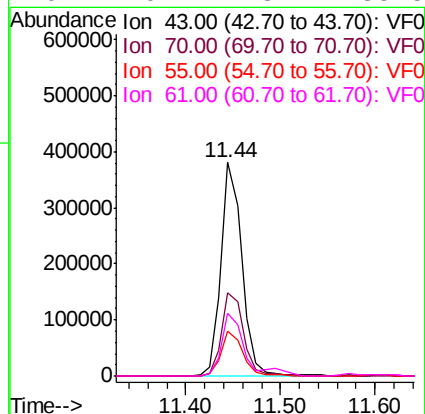
Ion Ratio Lower Upper

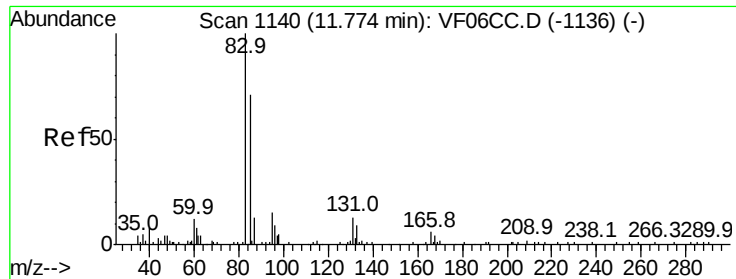
43 100

70 39.2 32.9 49.3

55 21.1 17.3 25.9

61 29.4 23.7 35.5





#75

1,1,2,2-Tetrachloroethane

Concen: 51.648 ug/l

RT: 11.77 min Scan# 1140

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

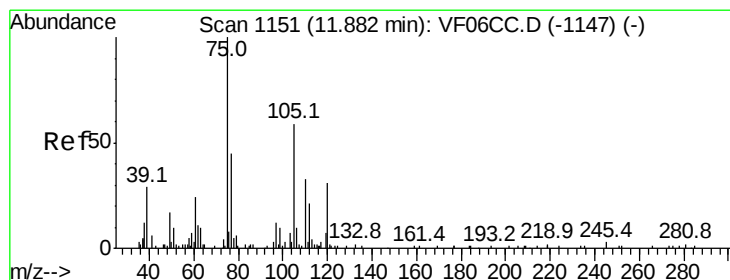
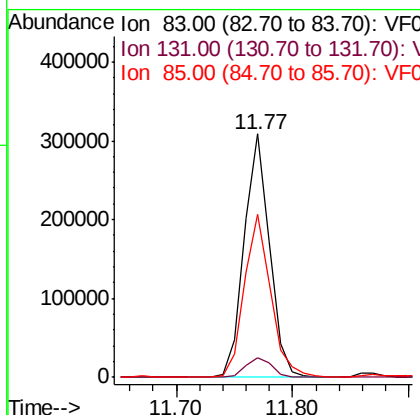
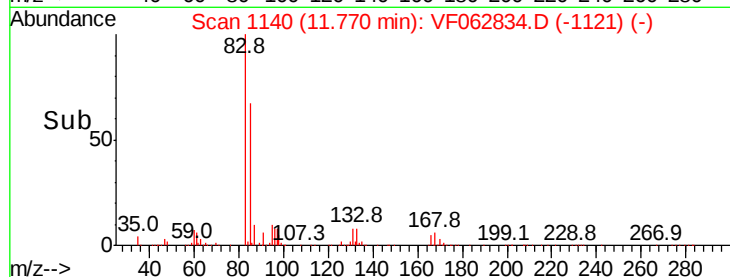
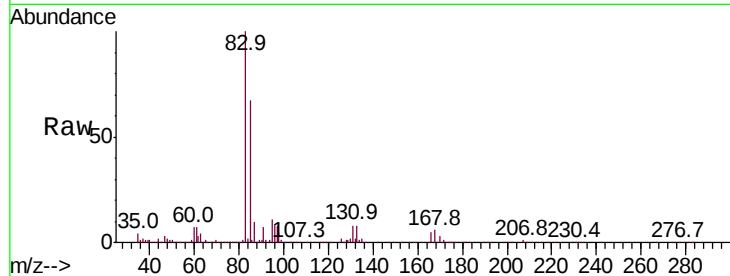
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	467692
Ion Ratio	Lower	Upper	
83	100		
131	8.1	4.9	14.7
85	66.9	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 50.576 ug/l

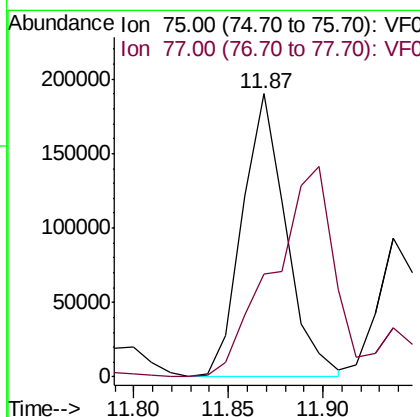
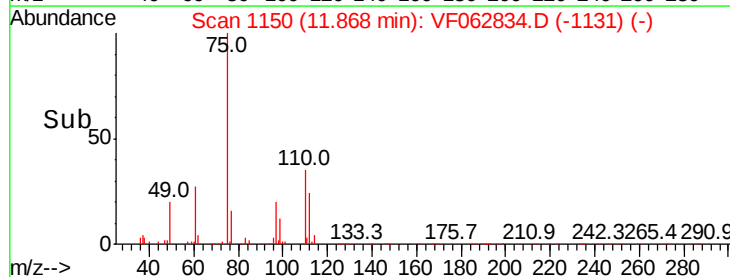
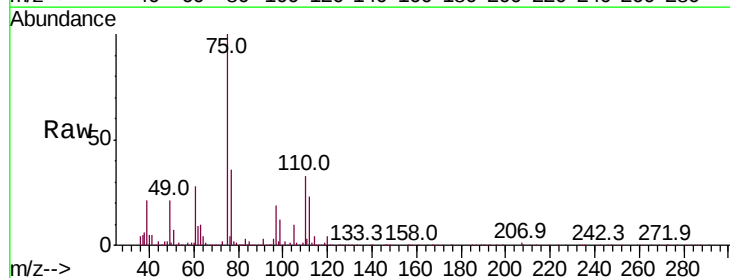
RT: 11.87 min Scan# 1150

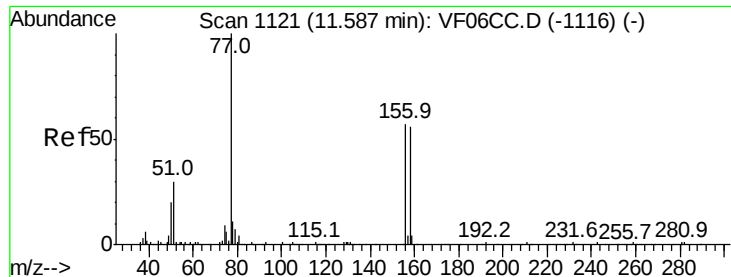
Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion:	75	Resp:	303578
Ion Ratio	Lower	Upper	
75	100		
77	36.4	20.1	60.2





#77

Bromobenzene

Concen: 49.692 ug/l

RT: 11.58 min Scan# 1121

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

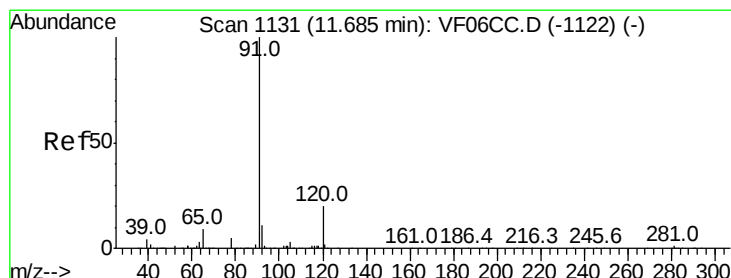
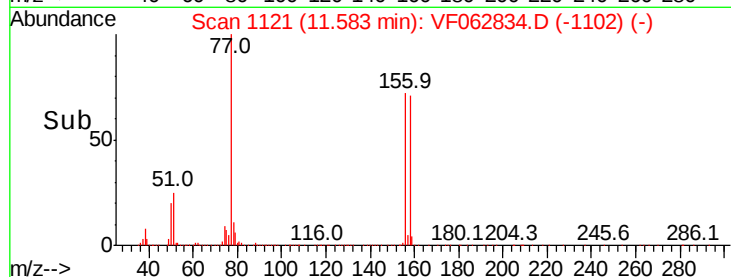
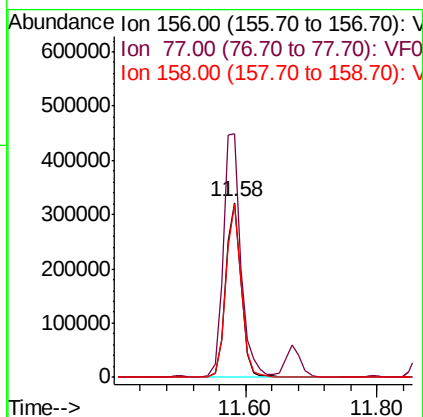
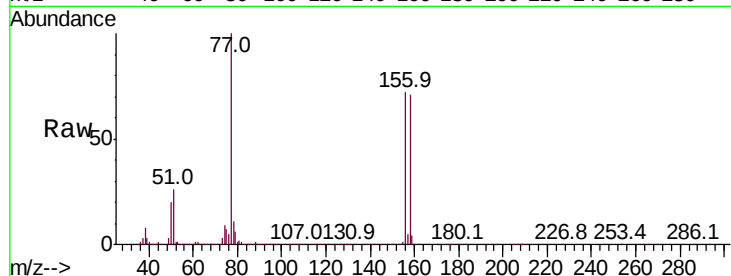
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	529428
Ion Ratio	Lower	Upper	
156	100		
77	139.5	64.2	192.6
158	99.3	50.3	151.0

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#78

n-propylbenzene

Concen: 47.244 ug/l

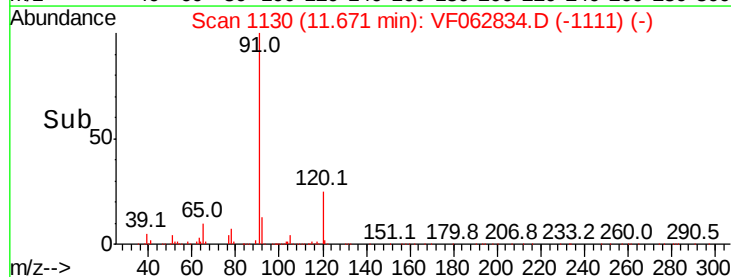
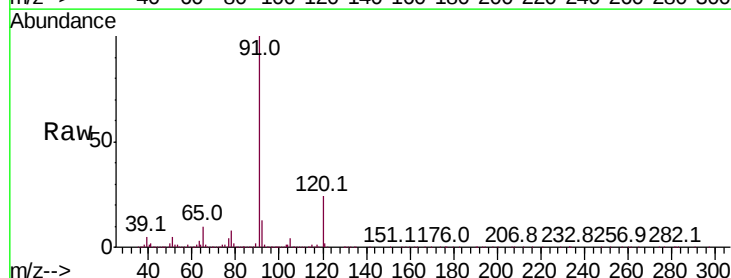
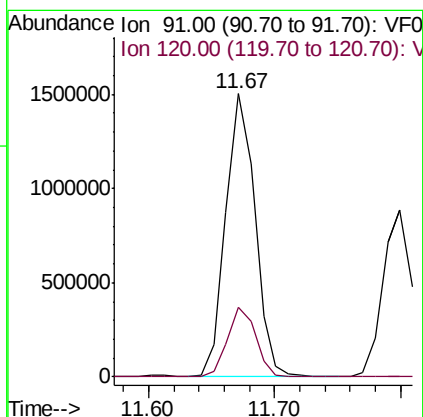
RT: 11.67 min Scan# 1130

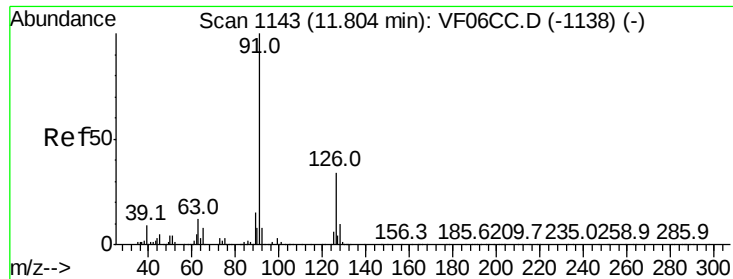
Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion:	91	Resp:	2418858
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.8	38.4





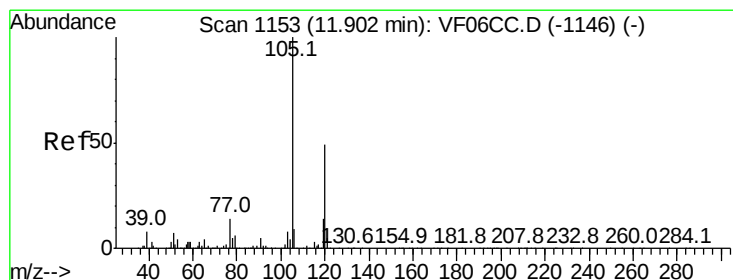
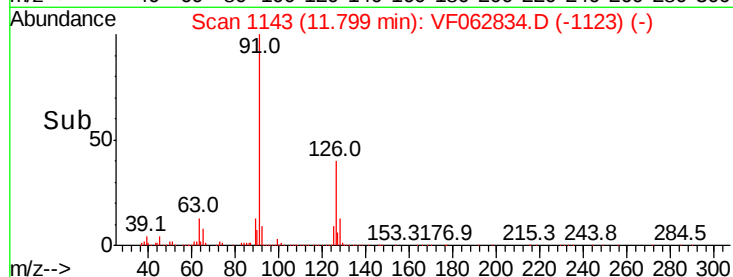
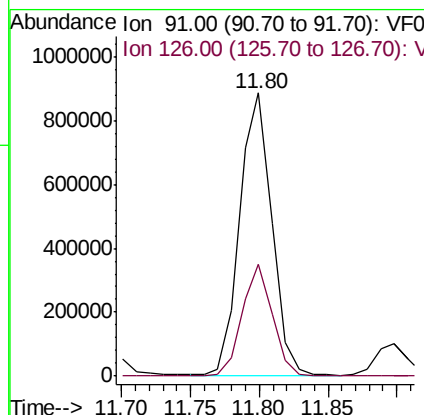
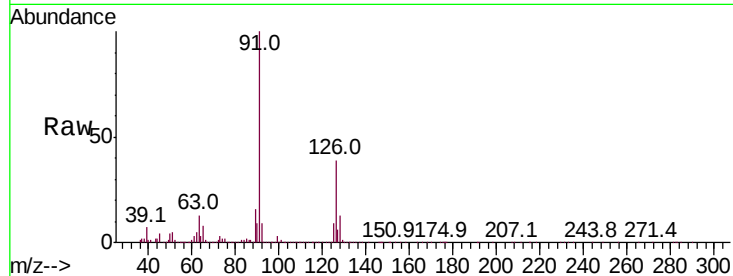
#79
 2-Chlorotoluene
 Concen: 48.736 ug/l
 RT: 11.80 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 1427759
 Ion Ratio Lower Upper
 91 100
 126 39.3 17.8 53.3

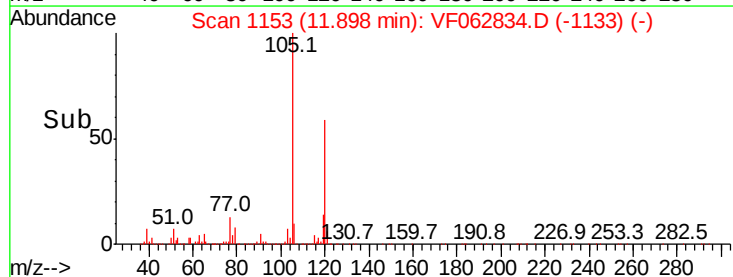
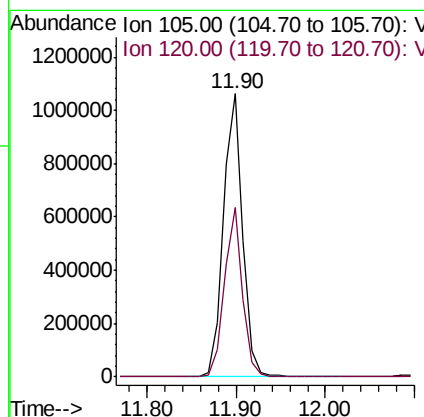
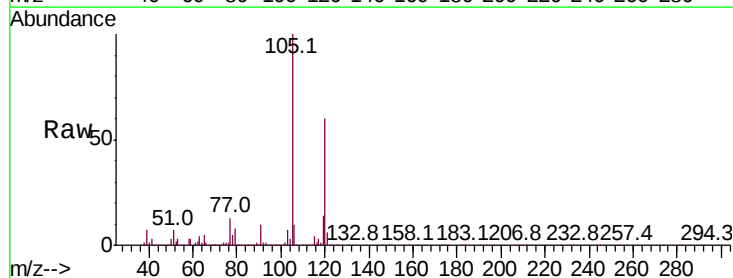
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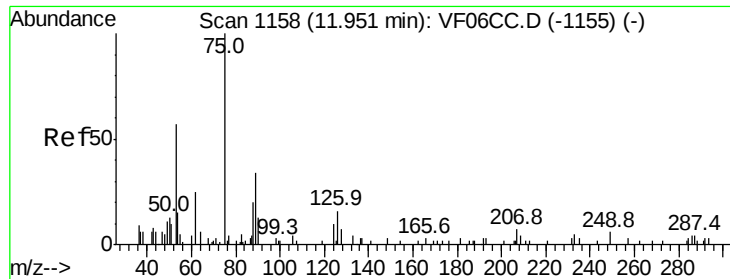
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#80
 1,3,5-Trimethylbenzene
 Concen: 46.446 ug/l
 RT: 11.90 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion: 105 Resp: 1610620
 Ion Ratio Lower Upper
 105 100
 120 59.9 28.7 86.1





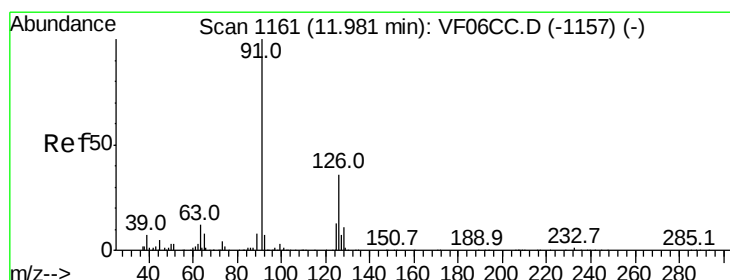
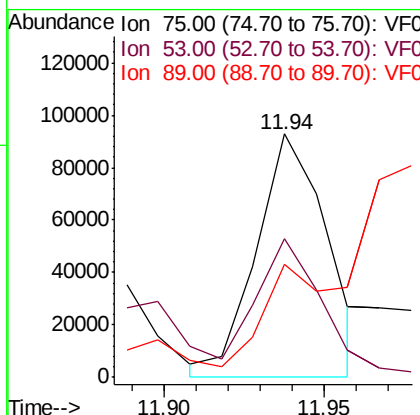
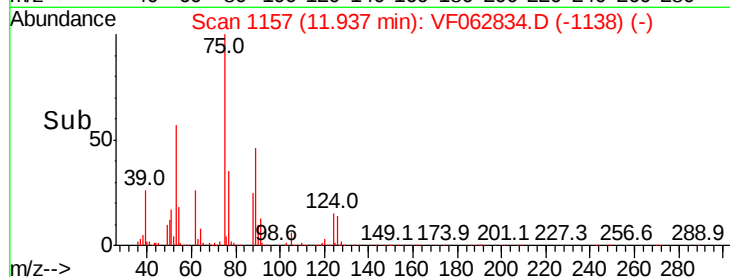
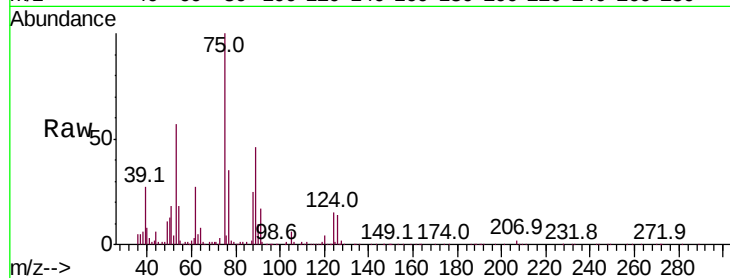
#81
trans-1,4-Dichloro-2-butene
Concen: 55.890 ug/l m
RT: 11.94 min Scan# 1157
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	57.2	43.5	65.3
89	46.3	34.3	51.5

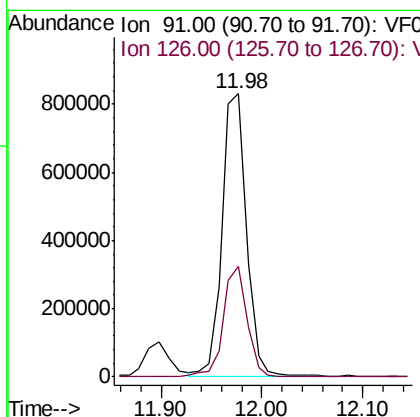
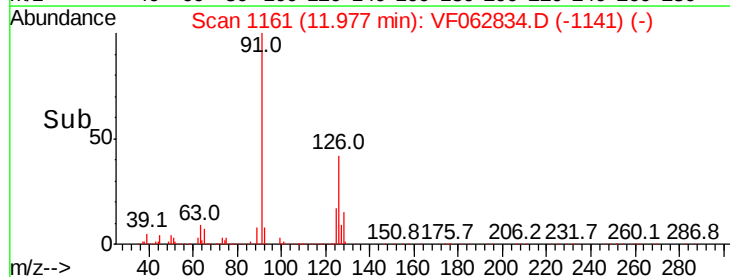
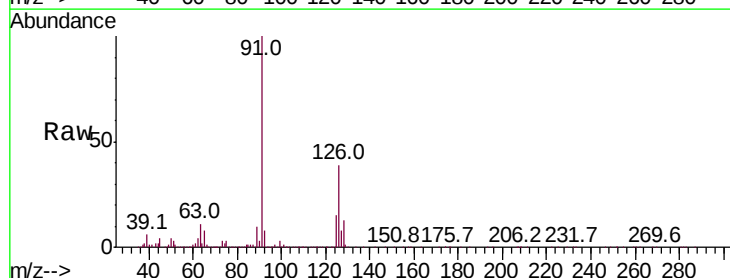
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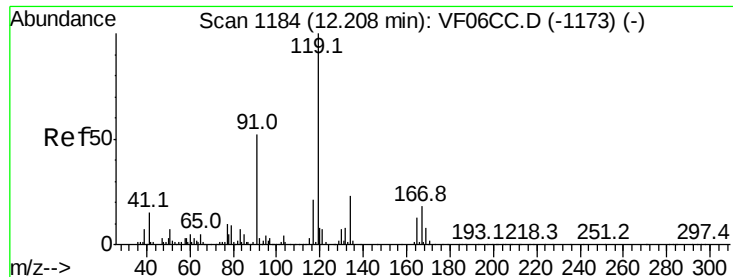
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#82
4-Chlorotoluene
Concen: 48.366 ug/l
RT: 11.98 min Scan# 1161
Delta R.T. -0.01 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	38.9	19.1	57.1





#83

tert-Butylbenzene

Concen: 51.527 ug/l

RT: 12.19 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Instrument :

MSVOA_F

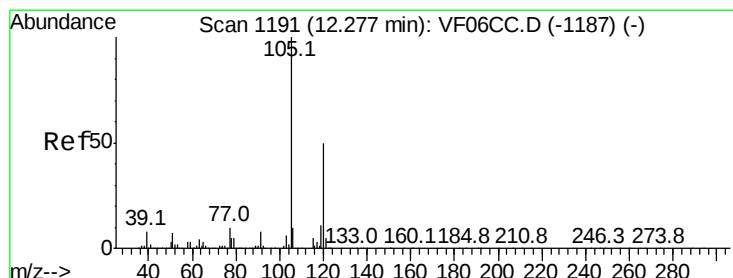
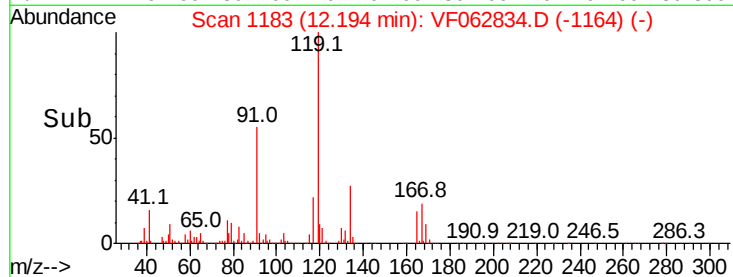
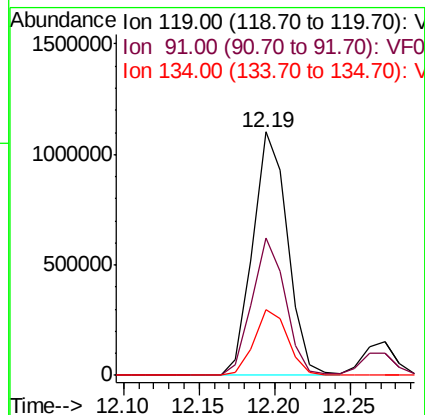
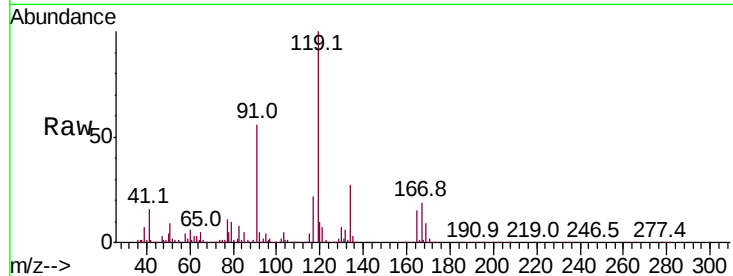
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	1770501
Ion	Ratio	Lower	Upper
119	100		
91	56.2	28.9	86.7
134	27.0	14.3	42.9

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#84

1,2,4-Trimethylbenzene

Concen: 50.025 ug/l

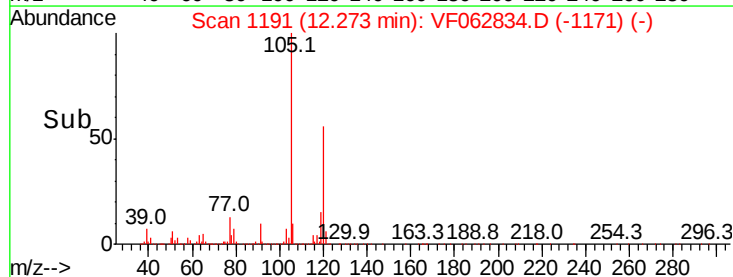
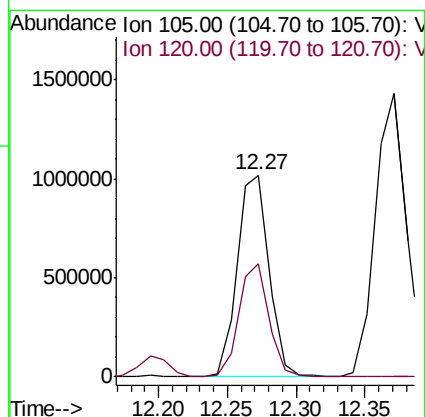
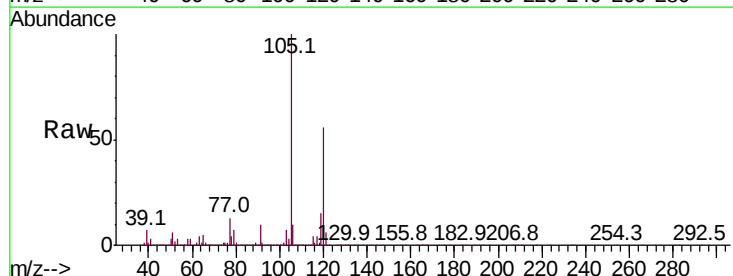
RT: 12.27 min Scan# 1191

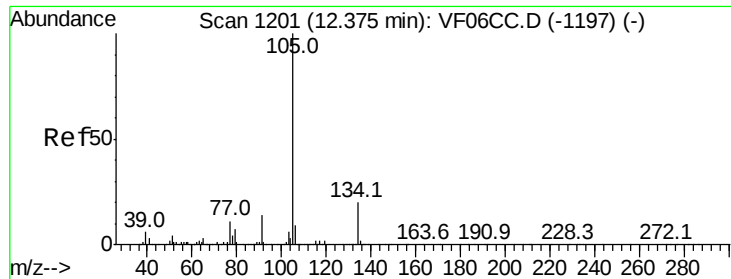
Delta R.T. -0.01 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion:	105	Resp:	1644742
Ion	Ratio	Lower	Upper
105	100		
120	56.2	27.1	81.3





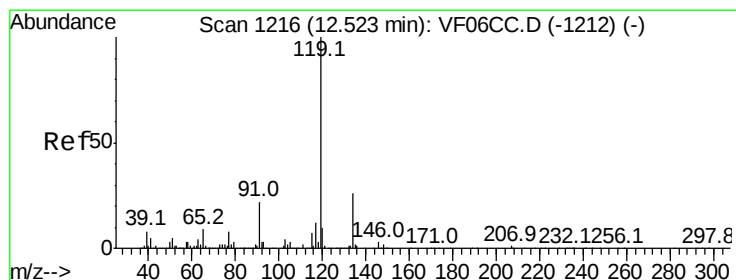
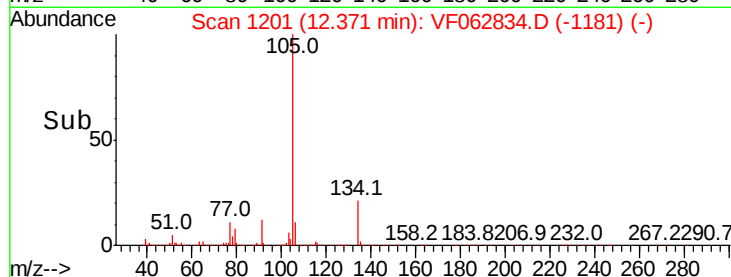
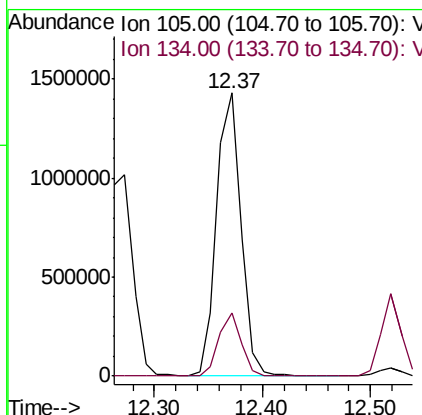
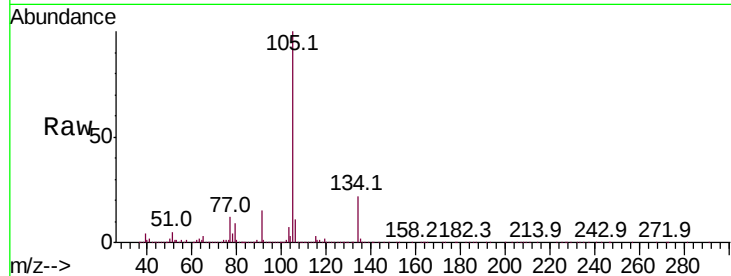
#85
 sec-Butylbenzene
 Concen: 49.591 ug/l
 RT: 12.37 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 2245297
 Ion Ratio Lower Upper
 105 100
 134 22.3 10.5 31.6

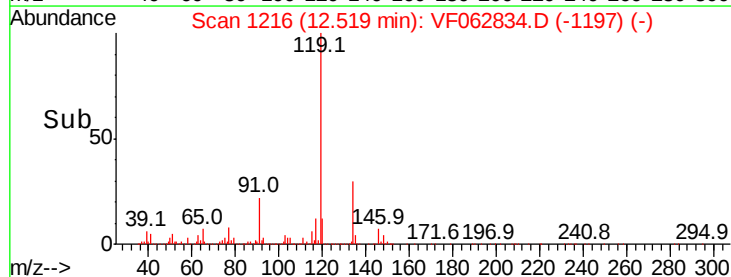
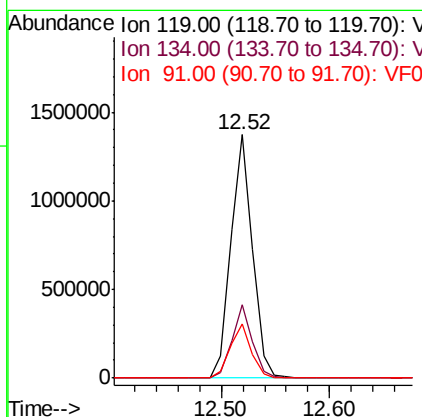
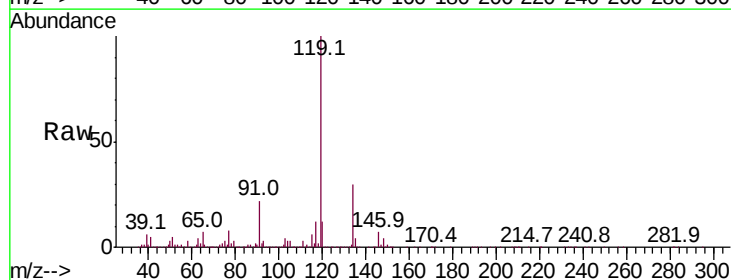
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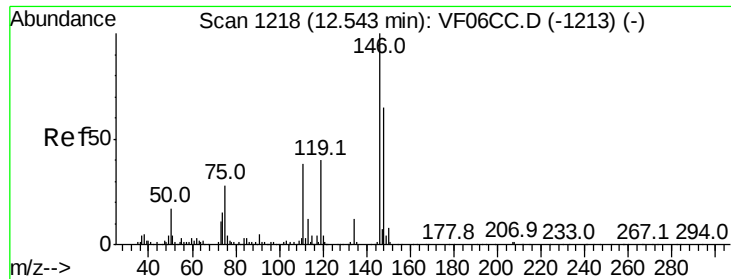
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#86
 p-Isopropyltoluene
 Concen: 50.516 ug/l
 RT: 12.52 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion:119 Resp: 1903781
 Ion Ratio Lower Upper
 119 100
 134 30.3 15.5 46.5
 91 22.5 10.3 30.9





#87

1,3-Dichlorobenzene

Concen: 50.958 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. -0.01 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

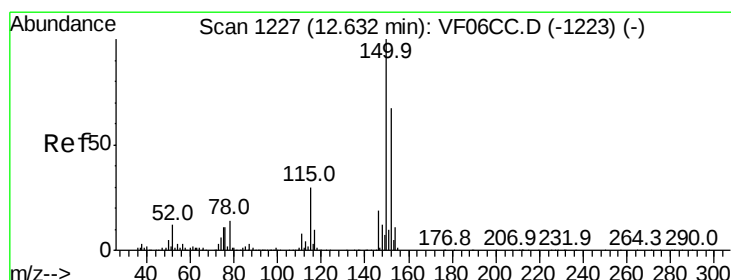
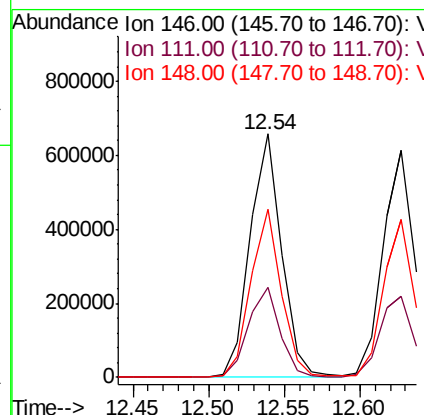
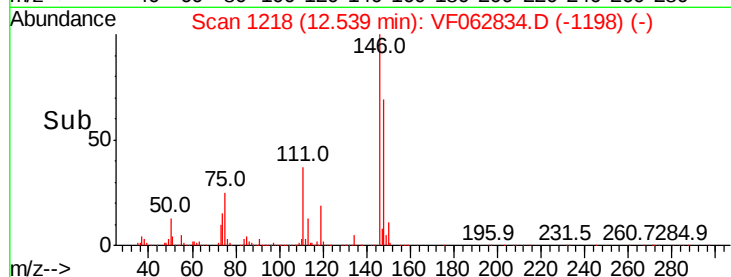
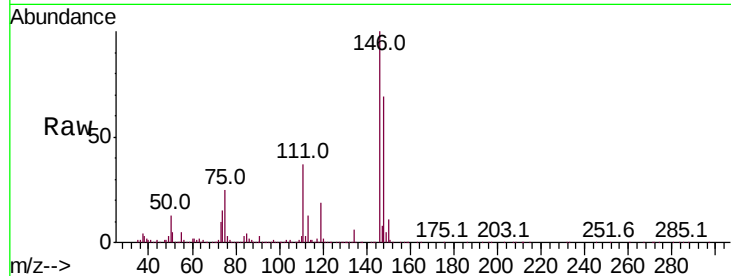
Instrument :
MSVOA_F

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.6	58.8
148	69.3	34.2	102.5

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#88

1,4-Dichlorobenzene

Concen: 52.211 ug/l

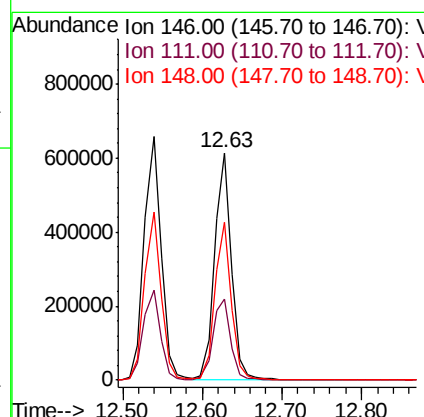
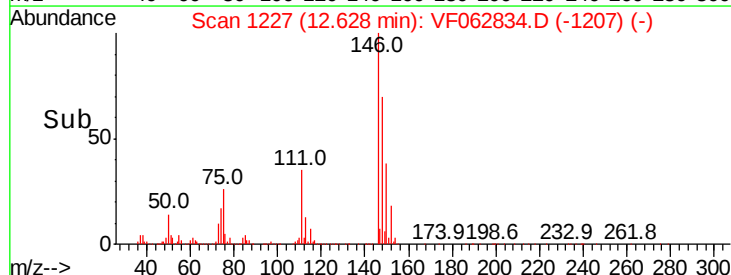
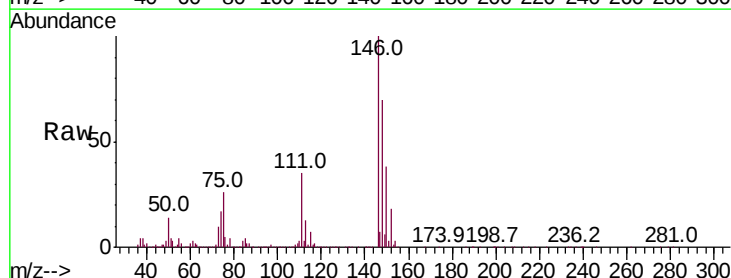
RT: 12.63 min Scan# 1227

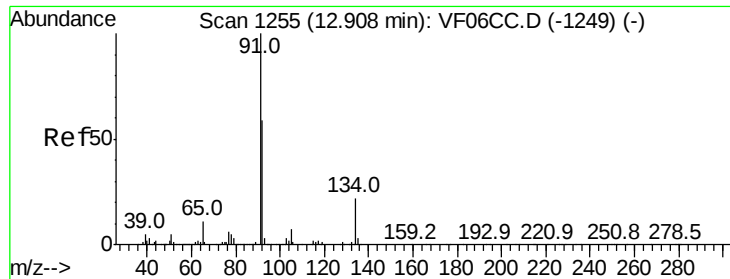
Delta R.T. -0.01 min

Lab File: VF062834.D

Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.4	20.3	60.9
148	69.8	34.0	101.8





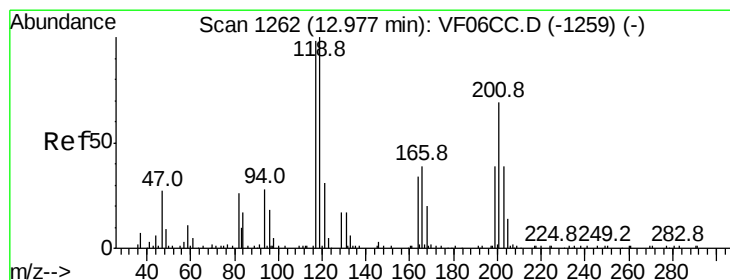
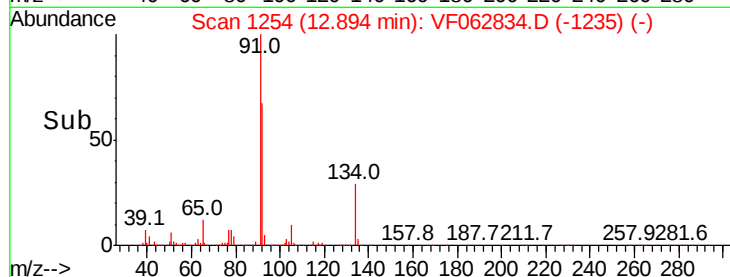
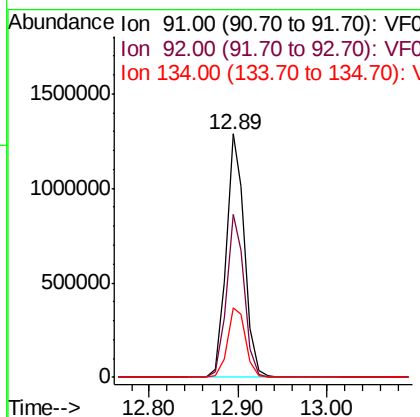
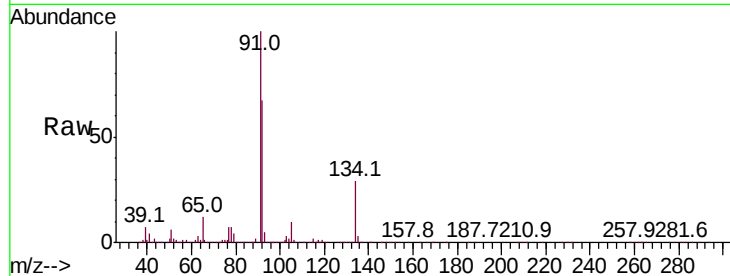
#89
n-Butylbenzene
Concen: 49.315 ug/l
RT: 12.89 min Scan# 1254
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	67.2	34.2	102.6
134	28.5	15.8	47.3

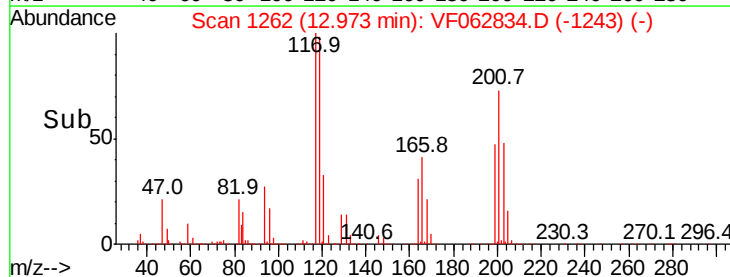
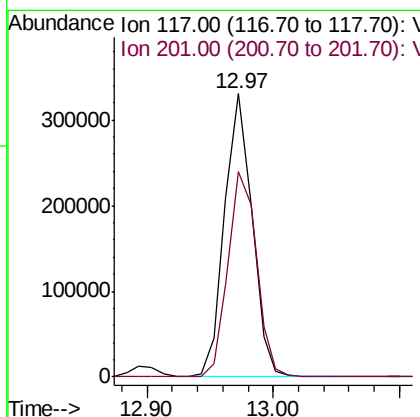
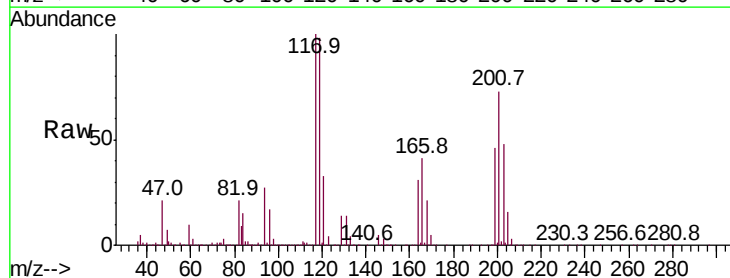
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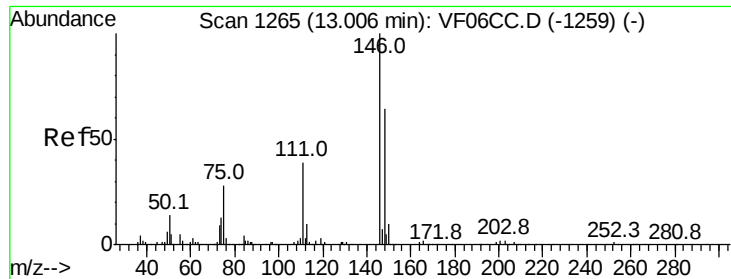
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#90
Hexachloroethane
Concen: 54.494 ug/l
RT: 12.97 min Scan# 1262
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.4	38.9	116.7





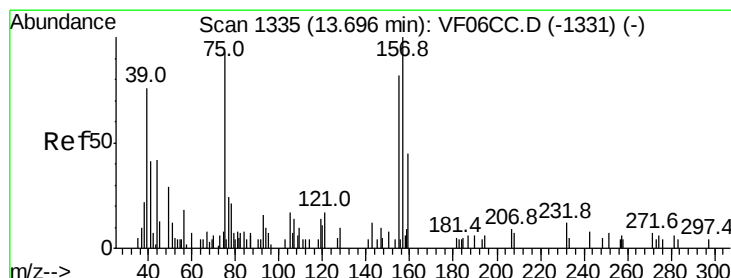
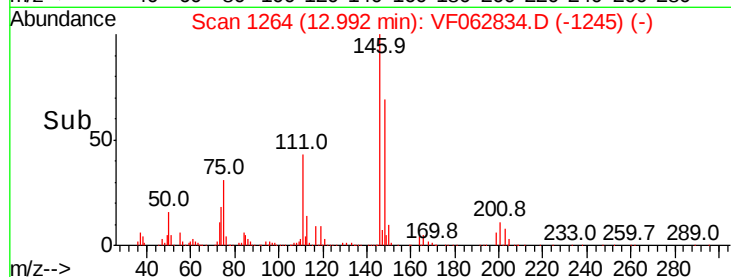
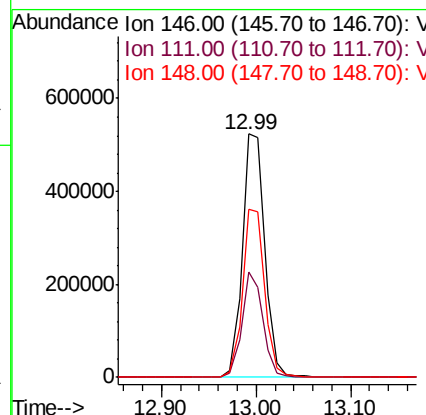
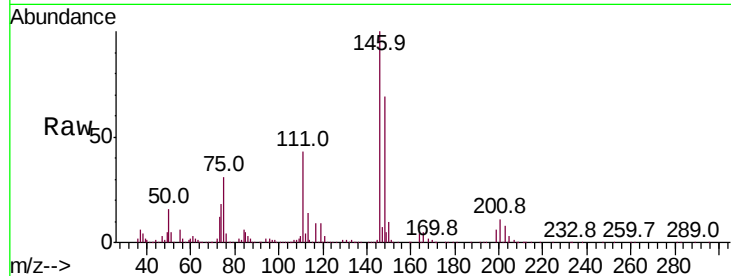
#91
 1,2-Dichlorobenzene
 Concen: 51.831 ug/l
 RT: 12.99 min Scan# 1264
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.4	61.3
148	68.9	34.1	102.3

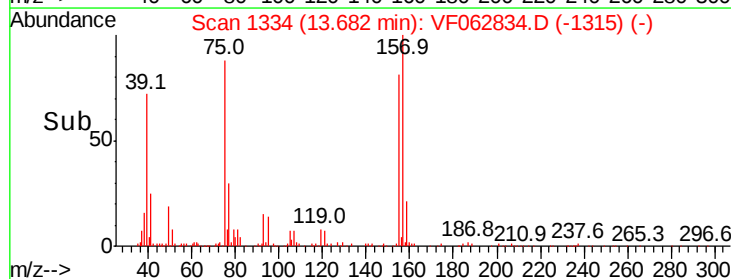
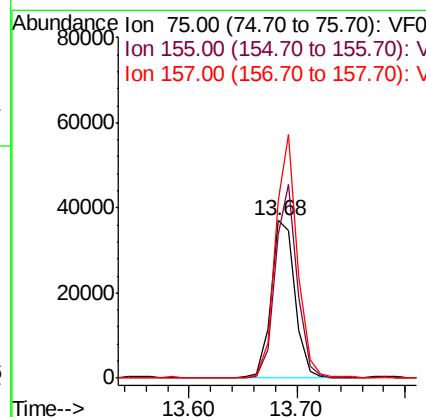
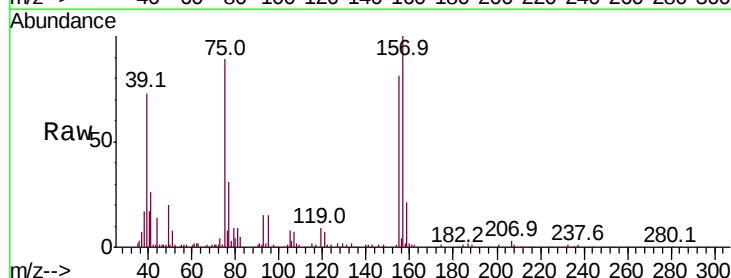
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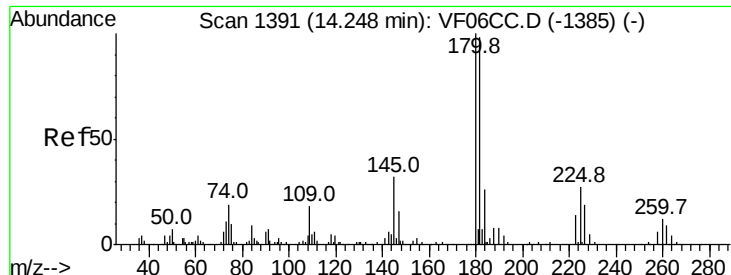
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 6/4/2019 12:15:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.247 ug/l
 RT: 13.68 min Scan# 1334
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	51.7	155.1
157	112.6	66.8	200.6





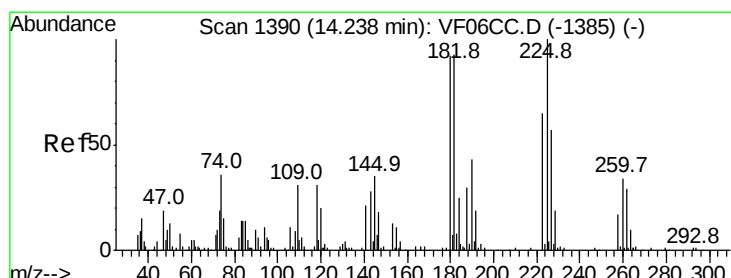
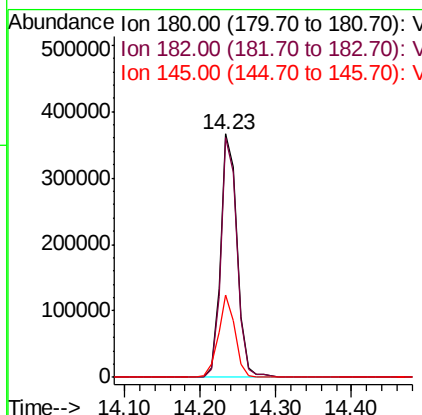
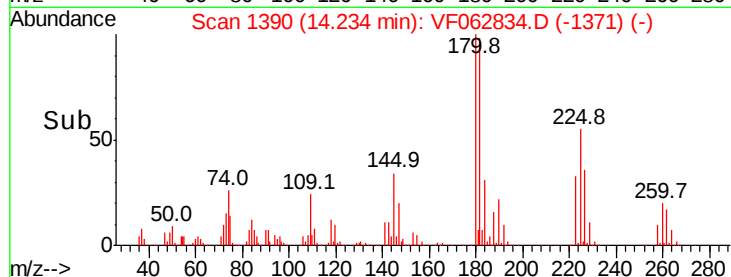
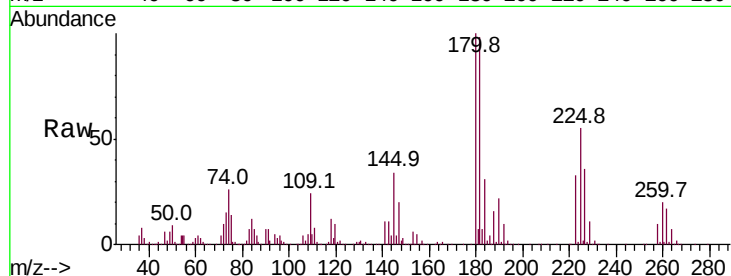
#93
 1,2,4-Trichlorobenzene
 Concen: 49.736 ug/l
 RT: 14.23 min Scan# 1390
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.3	50.3	150.9	
145	33.9	15.4	46.2	

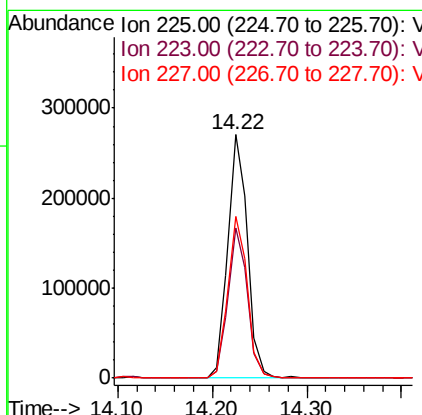
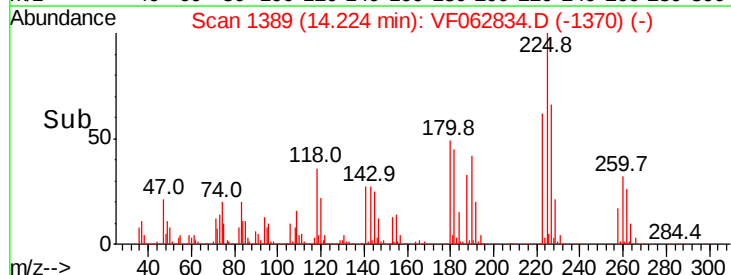
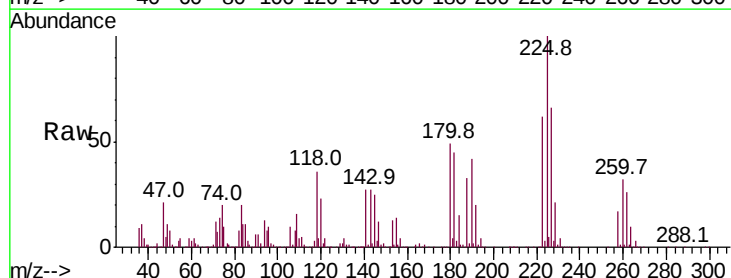
Manual Integrations
 APPROVED

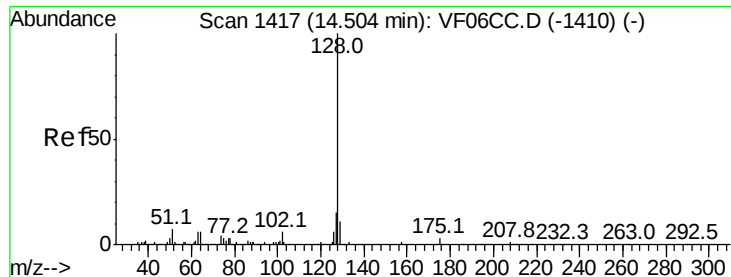
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 49.518 ug/l
 RT: 14.22 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: VF062834.D
 Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	30.8	92.4	
227	66.2	31.9	95.5	





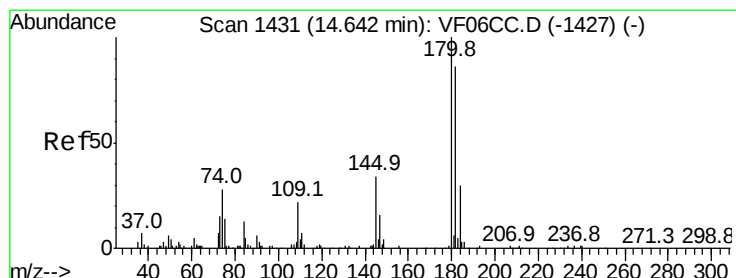
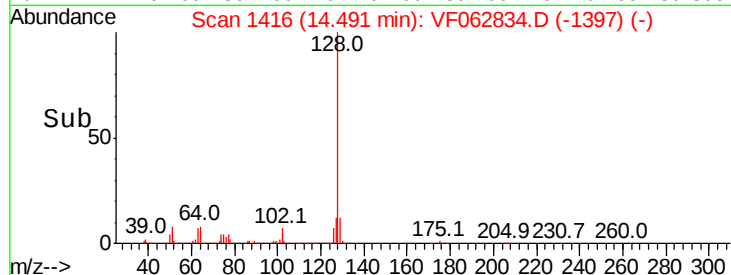
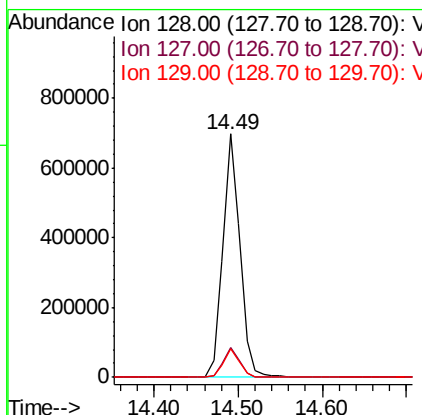
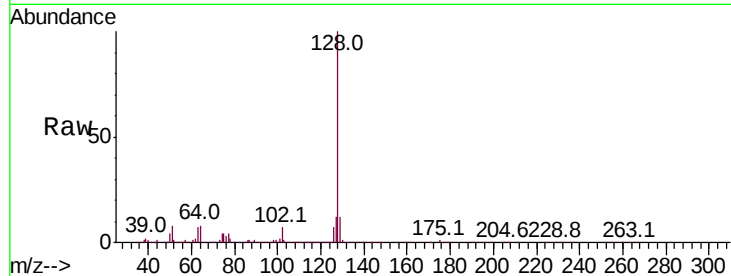
#95
Naphthalene
Concen: 53.377 ug/l
RT: 14.49 min Scan# 1416
Delta R.T. -0.02 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	991614		
127	12.2	9.7	14.5	
129	11.6	9.4	14.2	

Manual Integrations
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6/4/2019 12:15:54 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.416 ug/l
RT: 14.64 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VF062834.D
Acq: 3 Jun 2019 17:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	532214		
182	100.6	48.6	145.9	
145	29.9	15.7	47.0	

