

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072418\
 Data File : VF059643.D
 Acq On : 24 Jul 2018 21:12
 Operator : VA/AP
 Sample : VF0724SBS01
 Misc : 5.00µg/5mL/MSVOA F/SOIL
 ALS Vial : 93 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0724SBS01

Manual Integrations
 APPROVED

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 7/25/2018 2:34:03 PM

Quant Time: Jul 25 05:26:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 02:29:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	246267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.76	114	330144	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	314738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	205072	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	168224	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	4.28	113	160189	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	
50) Toluene-d8	7.70	98	392790	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
62) 4-Bromofluorobenzene	11.50	95	192432	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.99	85	60997	21.157	ug/l	93
3) Chloromethane	1.07	50	32623	21.569	ug/l	91
4) Vinyl Chloride	1.15	62	34654	21.769	ug/l	99
5) Bromomethane	1.33	94	25246	20.215	ug/l	100
6) Chloroethane	1.41	64	18345	19.162	ug/l	97
7) Trichlorofluoromethane	1.48	101	91264m	21.125	ug/l	
8) Diethyl Ether	1.70	74	12127	20.160	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	1.88	101	52424	23.254	ug/l	96
10) Methyl Iodide	1.92	142	75926	21.338	ug/l	98
11) Tert butyl alcohol	2.67	59	13288	103.987	ug/l #	84
12) 1,1-Dichloroethene	1.84	96	37246	22.002	ug/l	83
13) Acrolein	2.08	56	4479	71.490	ug/l	83
14) Allyl chloride	2.18	41	60650	20.766	ug/l	99
15) Acrylonitrile	3.07	53	21268	96.692	ug/l #	84
16) Acetone	2.33	43	45480	84.827	ug/l	95
17) Carbon Disulfide	1.83	76	104485	24.119	ug/l	98
18) Methyl Acetate	2.45	43	16182	17.427	ug/l	93
19) Methyl tert-butyl Ether	2.53	73	92429	20.808	ug/l	99
20) Methylene Chloride	2.27	84	34773	21.085	ug/l	95
21) trans-1,2-Dichloroethene	2.41	96	37918	21.429	ug/l	93
22) Diisopropyl ether	2.92	45	115351	20.591	ug/l	97
23) Vinyl Acetate	3.32	43	256932	99.422	ug/l #	96
24) 1,1-Dichloroethane	2.99	63	88467	22.199	ug/l	99
25) 2-Butanone	4.50	43	65696	102.081	ug/l	96
26) 2,2-Dichloropropane	3.75	77	64425	19.555	ug/l	93
27) cis-1,2-Dichloroethene	3.62	96	44314	20.462	ug/l	95
28) Bromochloromethane	3.87	49	29883	20.562	ug/l	91
29) Tetrahydrofuran	4.24	42	23476	87.882	ug/l	99
30) Chloroform	4.02	83	116410	21.055	ug/l	95
31) Cyclohexane	3.84	56	56748	24.464	ug/l	91
32) 1,1,1-Trichloroethane	4.26	97	102966	21.853	ug/l	99
36) 1,1-Dichloropropene	4.45	75	76625	22.654	ug/l	95
37) Ethyl Acetate	4.28	43	27934	21.524	ug/l #	89
38) Carbon Tetrachloride	4.15	117	107282	22.984	ug/l	88

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.62	83	69672	25.397	ug/l	98
40) Benzene	4.79	78	142568	22.785	ug/l	100
41) Methacrylonitrile	4.90	41	13473	21.295	ug/l	92
42) 1,2-Dichloroethane	5.11	62	77822	20.990	ug/l	98
43) Isopropyl Acetate	7.10	43	28190	18.950	ug/l #	90
44) Trichloroethene	5.66	130	54284	23.505	ug/l	95
45) 1,2-Dichloropropane	6.40	63	35689	22.528	ug/l	98
46) Dibromomethane	6.24	93	26957	20.145	ug/l	92
47) Bromodichloromethane	6.54	83	83679	21.388	ug/l	92
48) Methyl methacrylate	6.86	41	21482	19.617	ug/l	98
49) 1,4-Dioxane	6.85	88	3452	409.632	ug/l	93
51) 4-Methyl-2-Pentanone	8.40	43	107515	98.334	ug/l	95
52) Toluene	7.77	92	96011	21.700	ug/l	95
53) t-1,3-Dichloropropene	8.42	75	61883	19.850	ug/l	97
54) cis-1,3-Dichloropropene	7.44	75	69340	21.041	ug/l	97
55) 1,1,2-Trichloroethane	8.63	97	29540	21.174	ug/l	97
56) Ethyl methacrylate	8.74	69	29431	19.735	ug/l	89
57) 1,3-Dichloropropane	8.99	76	50357	21.083	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.77	63	20073	104.863	ug/l	100
59) 2-Hexanone	9.62	43	77331	92.617	ug/l	90
60) Dibromochloromethane	8.85	129	52280	20.268	ug/l	99
61) 1,2-Dibromoethane	9.13	107	31596	18.547	ug/l	98
64) Tetrachloroethene	8.29	164	57606	23.098	ug/l #	92
65) Chlorobenzene	9.93	112	123231	21.133	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.06	131	55503	20.533	ug/l	96
67) Ethyl Benzene	10.03	91	234207	22.351	ug/l	99
68) m/p-Xylenes	10.26	106	172440	46.059	ug/l	97
69) o-Xylene	10.82	106	89874	22.551	ug/l	96
70) Styrene	10.89	104	123762	21.503	ug/l	97
71) Bromoform	10.88	173	30771	20.221	ug/l	88
73) Isopropylbenzene	11.22	105	292443	22.690	ug/l	97
74) N-amyl acetate	11.45	43	50906	18.420	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.78	83	40060	20.525	ug/l	96
76) 1,2,3-Trichloropropane	11.88	75	32979	20.457	ug/l	98
77) Bromobenzene	11.59	156	68616	21.762	ug/l	84
78) n-propylbenzene	11.68	91	343588	22.395	ug/l	98
79) 2-Chlorotoluene	11.81	91	198591	21.508	ug/l	94
80) 1,3,5-Trimethylbenzene	11.91	105	251632	21.976	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.95	75	20056	20.211	ug/l #	92
82) 4-Chlorotoluene	11.99	91	211935	21.510	ug/l	100
83) tert-Butylbenzene	12.20	119	250044	21.660	ug/l	97
84) 1,2,4-Trimethylbenzene	12.28	105	252481	21.483	ug/l	97
85) sec-Butylbenzene	12.38	105	334784	21.752	ug/l	100
86) p-Isopropyltoluene	12.53	119	289920	21.638	ug/l	98
87) 1,3-Dichlorobenzene	12.55	146	131726	20.633	ug/l	96
88) 1,4-Dichlorobenzene	12.64	146	127701	20.890	ug/l	96
89) n-Butylbenzene	12.91	91	297210	22.488	ug/l	97
90) Hexachloroethane	12.99	117	68195	20.864	ug/l #	1
91) 1,2-Dichlorobenzene	13.01	146	123504	20.962	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.70	75	8998	17.878	ug/l	70

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ClientSampleId :
VF0724SBS01

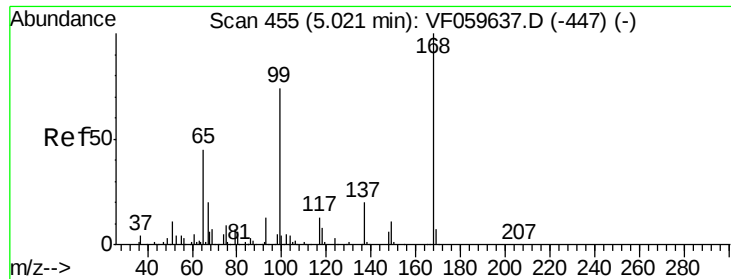
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	93622	18.830	µg/l	97
94) Hexachlorobutadiene	14.25	225	69953	20.552	µg/l	95
95) Naphthalene	14.52	128	138852	19.019	µg/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	81581	19.599	µg/l	99

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



#1

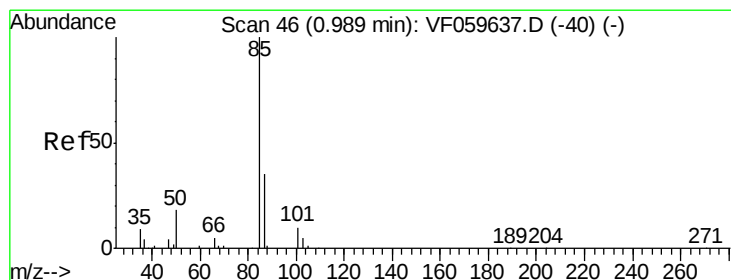
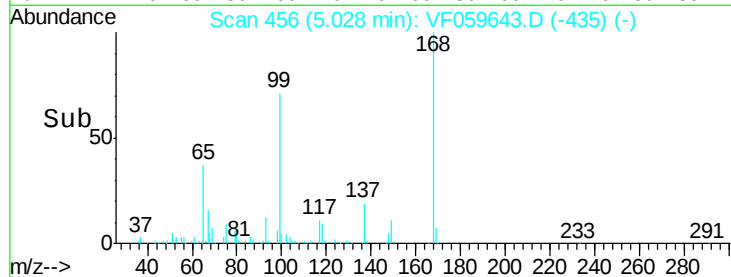
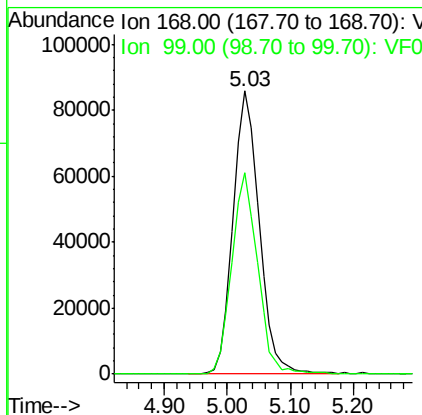
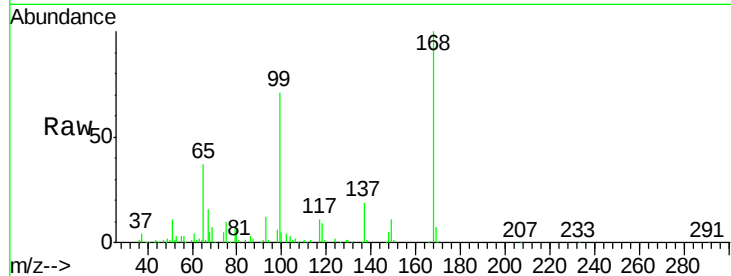
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0724SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	71.1	59.5	89.3

Manual Integrations
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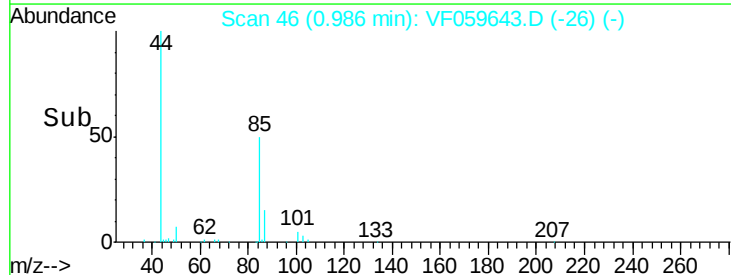
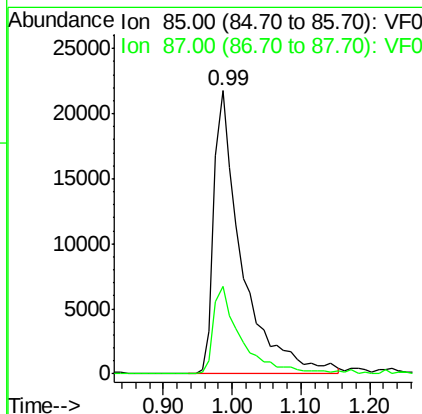
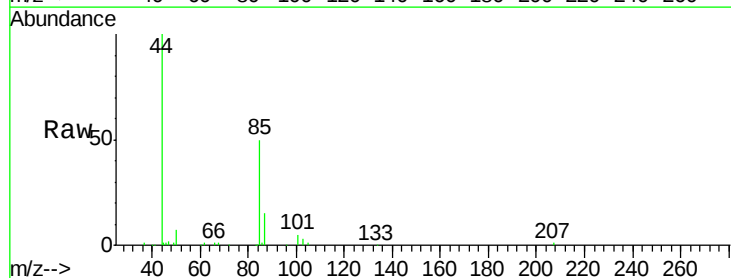
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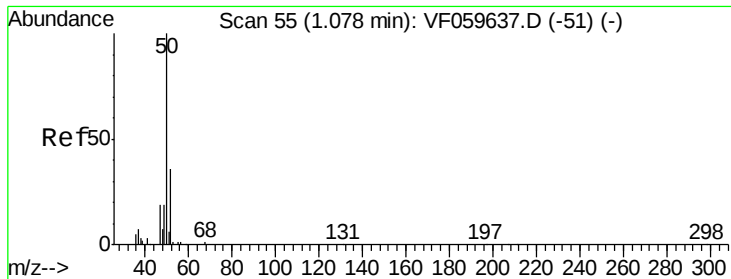


#2

Dichlorodifluoromethane
 Concen: 21.157 ug/l
 RT: 0.99 min Scan# 46
 Delta R.T. -0.00 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.9	17.4	52.2





#3

Chloromethane

Concen: 21.569 ug/l

RT: 1.07 min Scan# 55

Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

VF0724SBS01

Tot Ion: 50 Resp: 32623

Ion Ratio Lower Upper

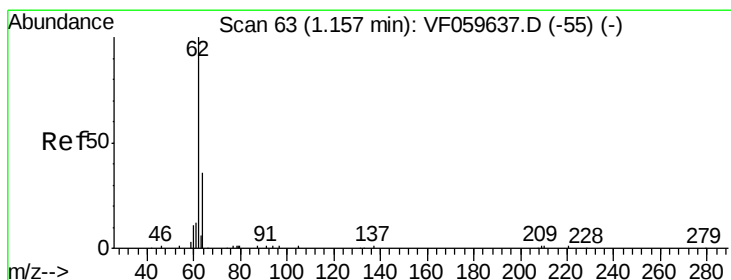
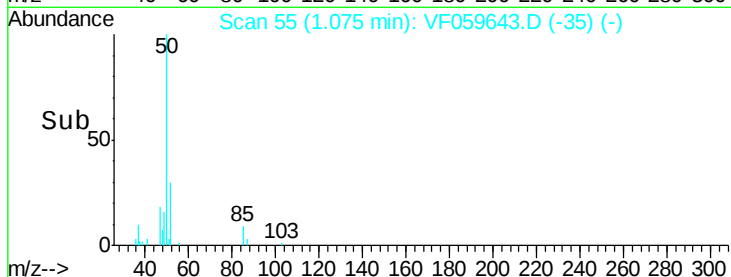
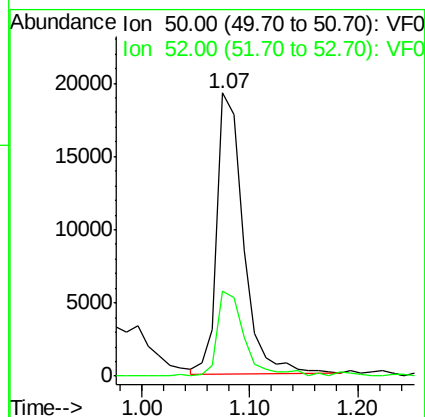
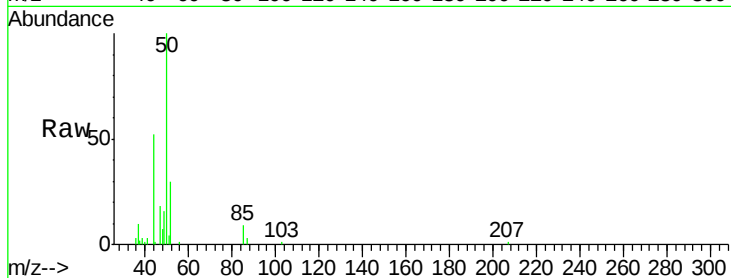
50 100

52 29.8 28.0 42.0

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#4

Vinyl Chloride

Concen: 21.769 ug/l

RT: 1.15 min Scan# 63

Delta R.T. -0.00 min

Lab File: VF059643.D

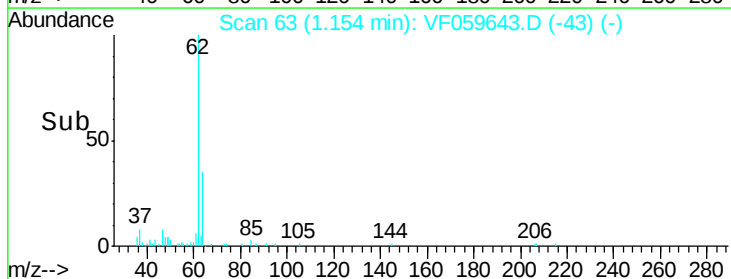
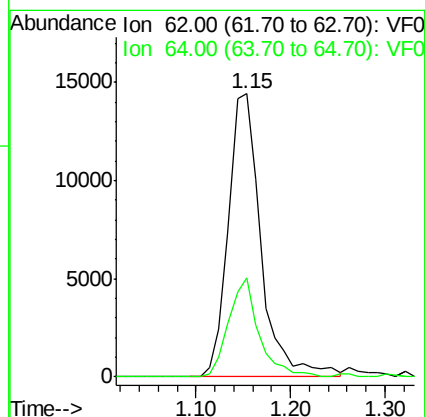
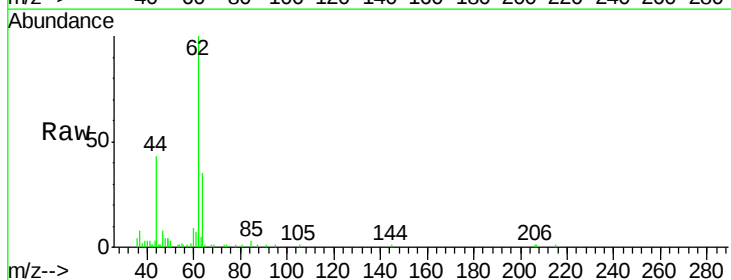
Acq: 24 Jul 2018 21:12

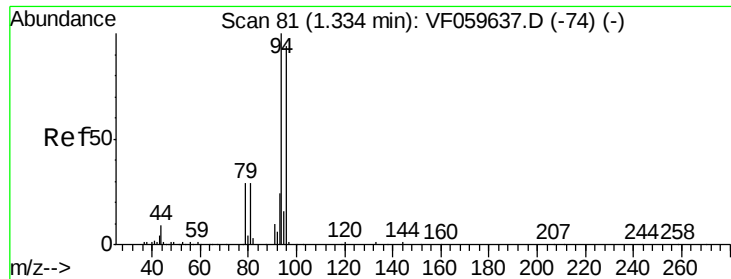
Tgt Ion: 62 Resp: 34654

Ion Ratio Lower Upper

62 100

64 35.2 28.6 43.0





#5

Bromomethane

Concen: 20.215 ug/l

RT: 1.33 min Scan# 81

Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

VF0724SBS01

Tot Ion: 94 Resp: 25246

Ion Ratio Lower Upper

94 100

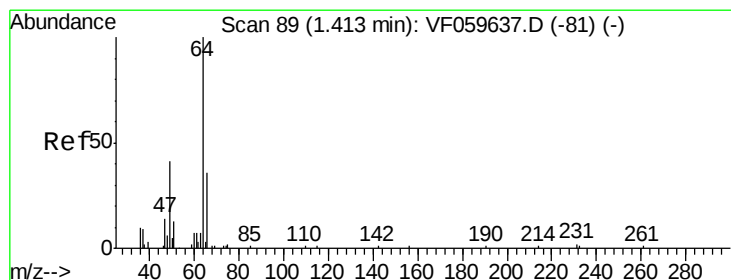
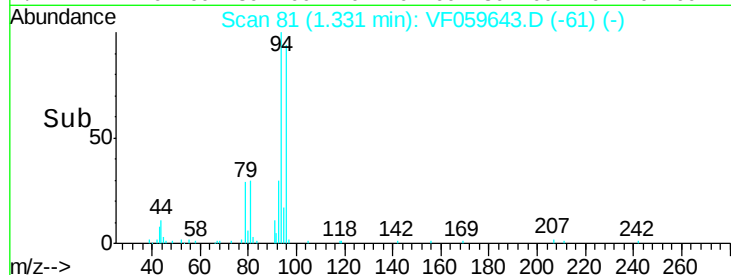
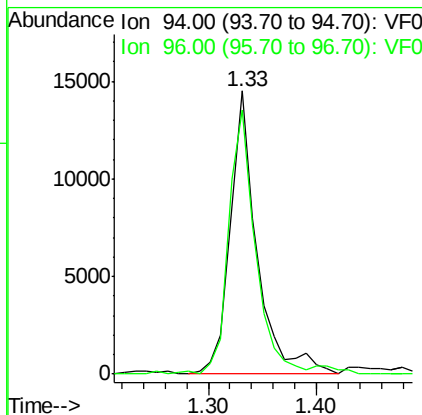
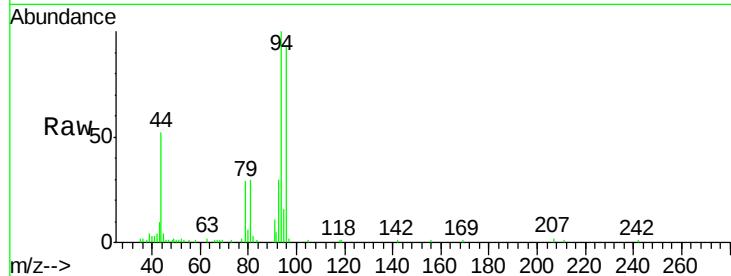
96 93.2 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 19.162 ug/l

RT: 1.41 min Scan# 89

Delta R.T. -0.00 min

Lab File: VF059643.D

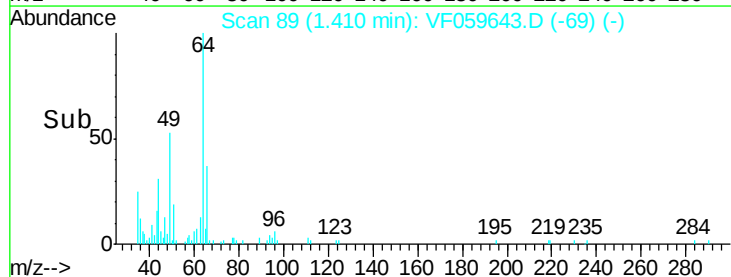
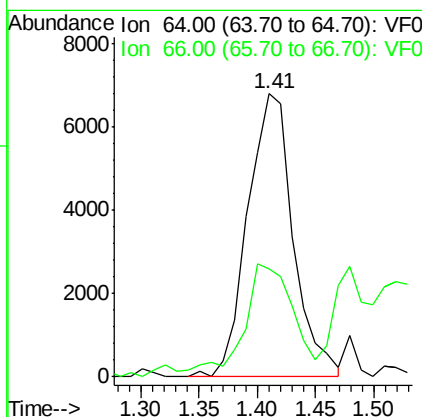
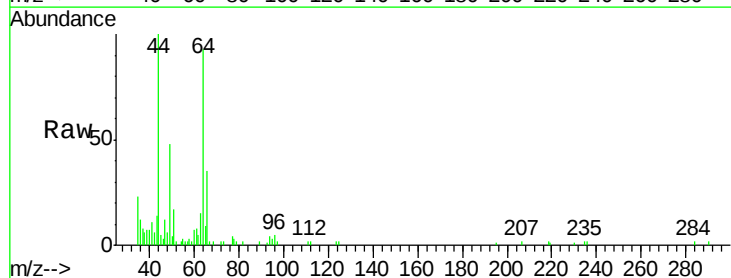
Acq: 24 Jul 2018 21:12

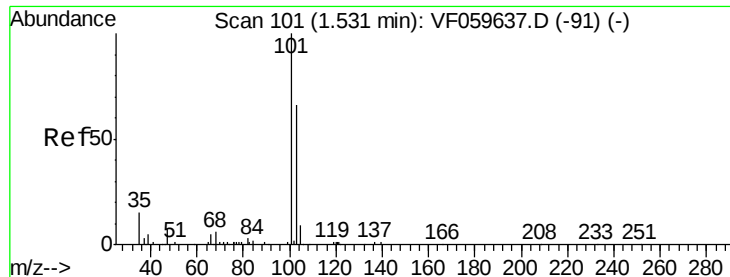
Tgt Ion: 64 Resp: 18345

Ion Ratio Lower Upper

64 100

66 38.1 29.0 43.6





#7

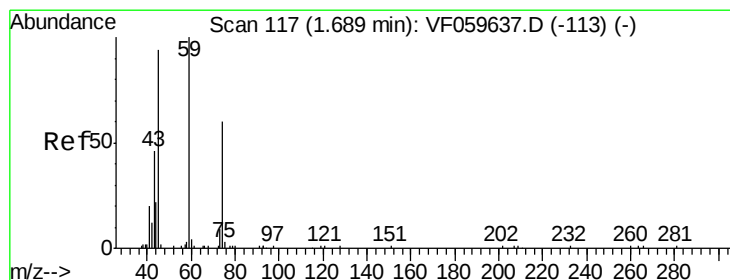
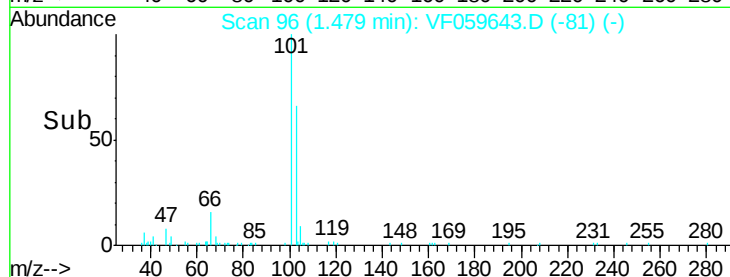
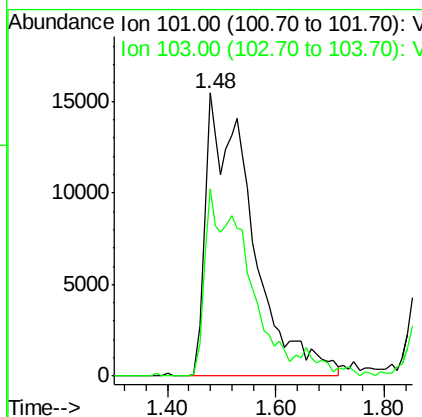
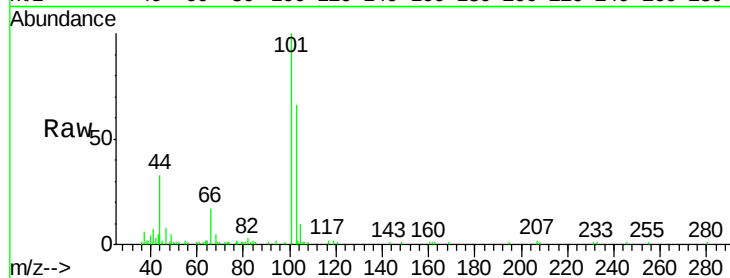
Trichlorofluoromethane
Concen: 21.125 ug/l m
RT: 1.48 min Scan# 96
Delta R.T. -0.05 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion:101 Resp: 91264
Ion Ratio Lower Upper
101 100
103 66.3 52.5 78.7

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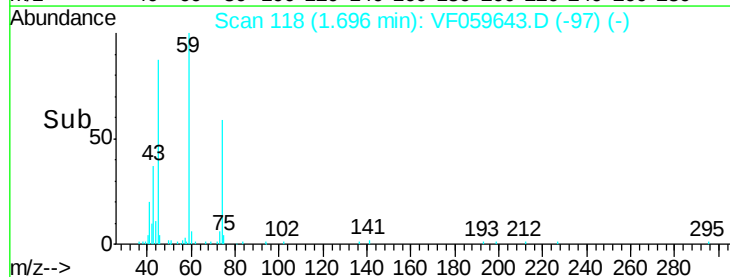
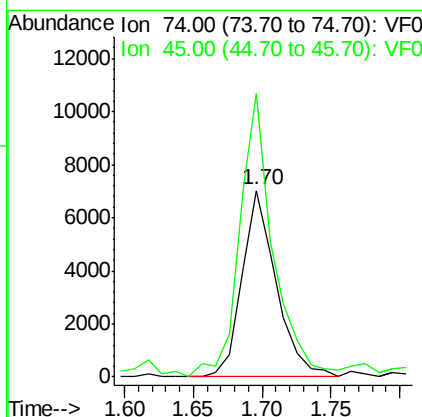
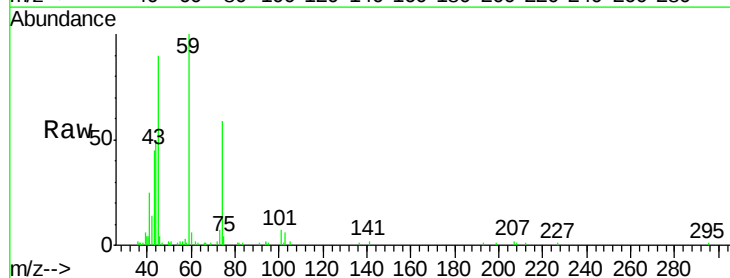
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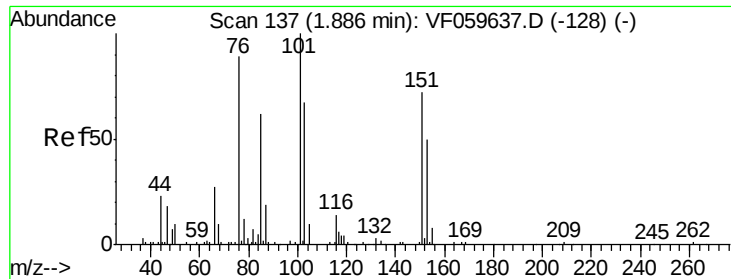


#8

Diethyl Ether
Concen: 20.160 ug/l
RT: 1.70 min Scan# 118
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion: 74 Resp: 12127
Ion Ratio Lower Upper
74 100
45 151.8 80.3 241.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.254 ug/l

RT: 1.88 min Scan# 137

Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

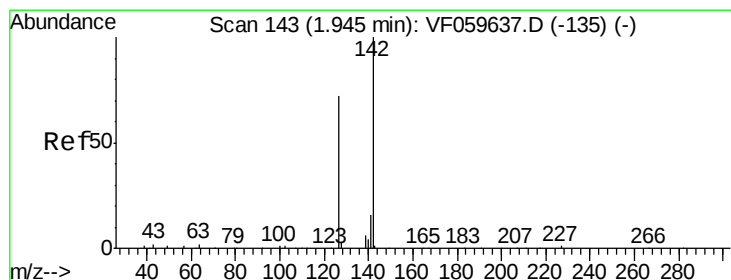
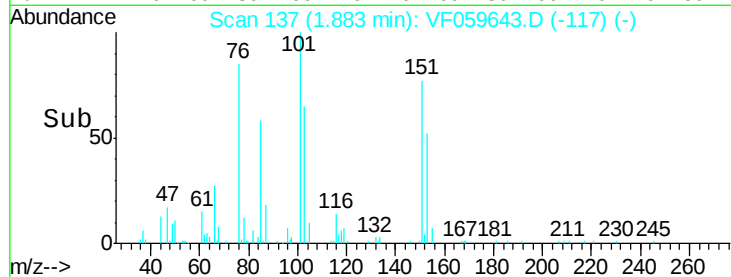
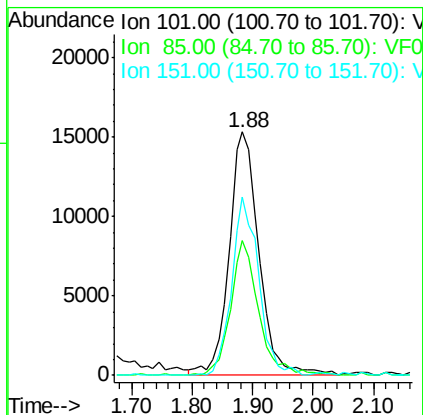
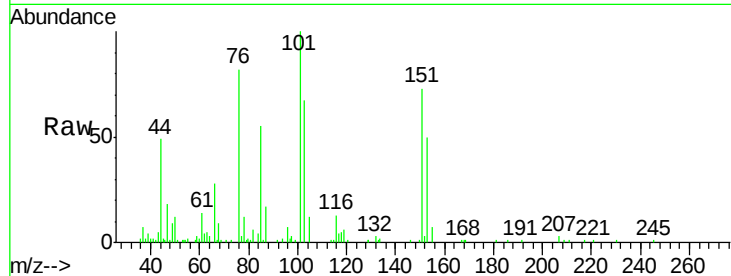
ClientSampleId :

VF0724SBS01

Tot Ion:	101	Resp:	52424
Ion Ratio	Lower	Upper	
101	100		
85	56.5	49.0	73.4
151	73.4	56.8	85.2

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#10

Methyl Iodide

Concen: 21.338 ug/l

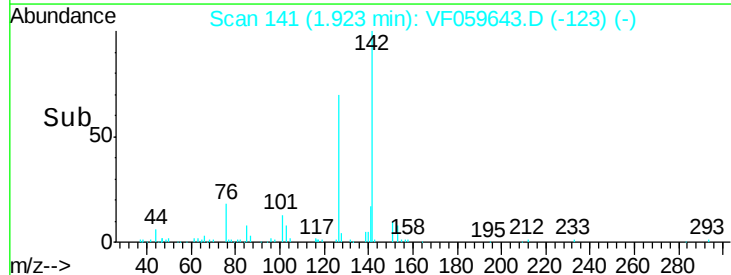
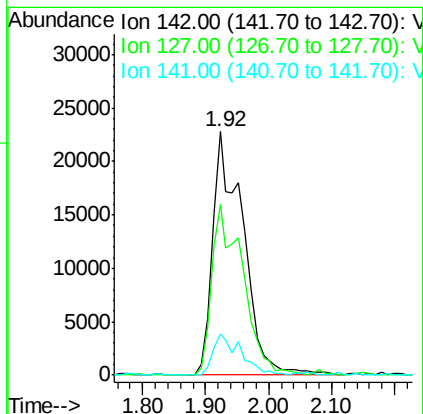
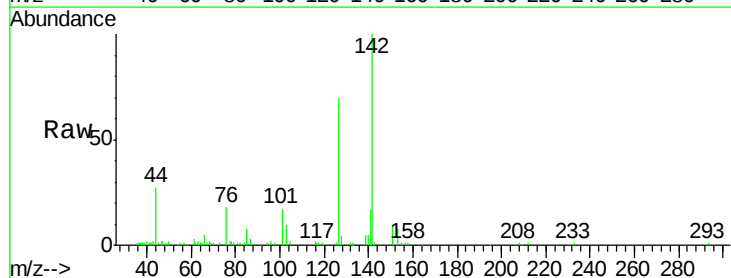
RT: 1.92 min Scan# 141

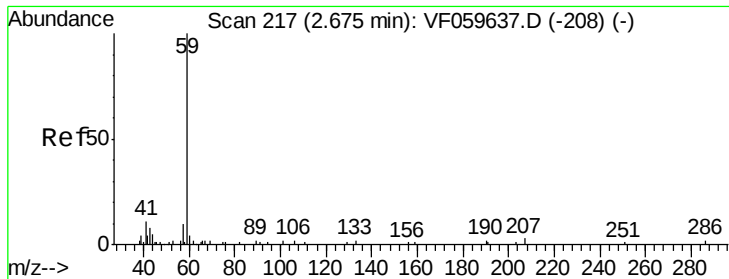
Delta R.T. -0.02 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Tgt Ion:	142	Resp:	75926
Ion Ratio	Lower	Upper	
142	100		
127	70.0	57.5	86.3
141	16.7	13.2	19.8





#11

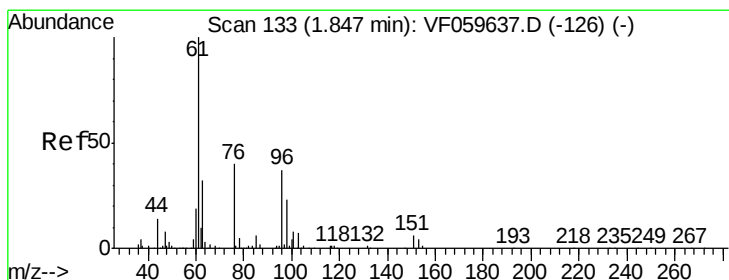
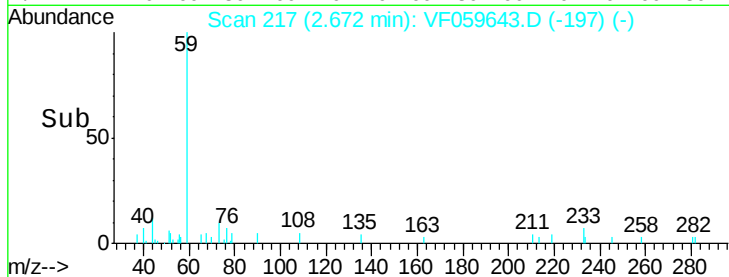
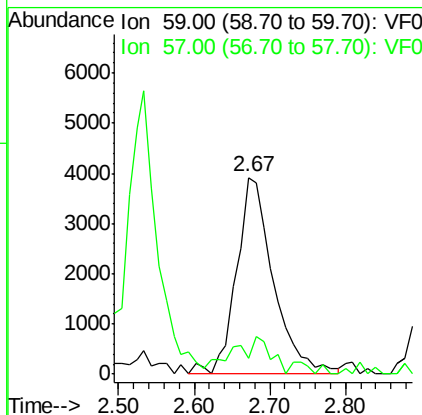
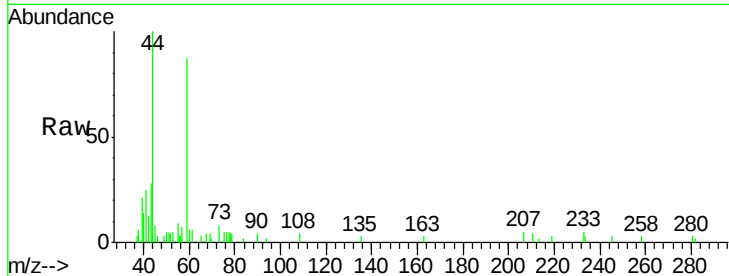
Tert butyl alcohol
 Concen: 103.987 ug/l
 RT: 2.67 min Scan# 217
 Delta R.T. -0.00 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0724SBS01

Tot Ion	59	Resp	13288
Ion Ratio	100	Lower	Upper
57	7.8	11.4	17.2#

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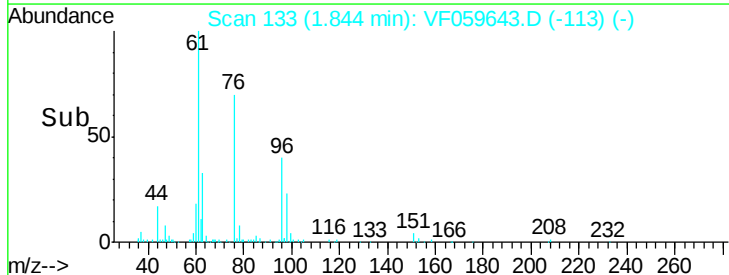
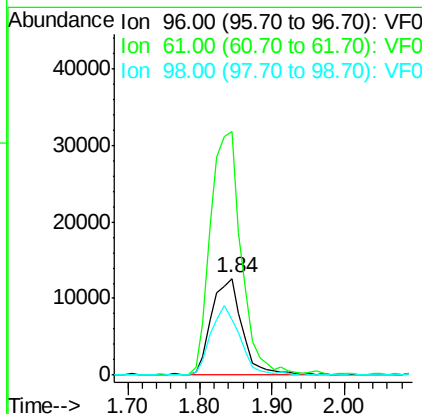
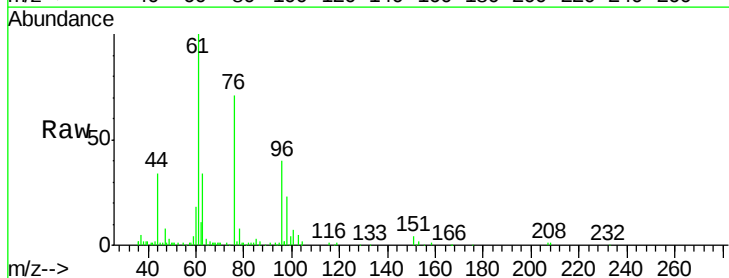
apatel
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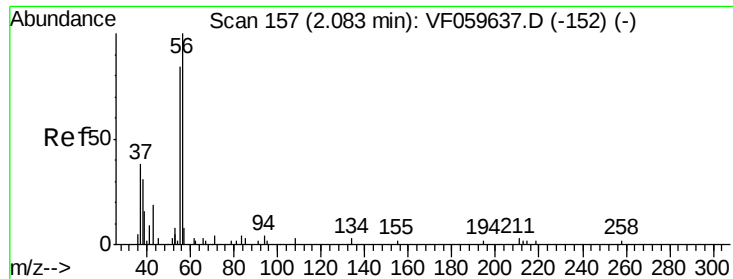


#12

1,1-Dichloroethene
 Concen: 22.002 ug/l
 RT: 1.84 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Tgt Ion	96	Resp	37246
Ion Ratio	100	Lower	Upper
61	239.8	218.2	327.4
98	54.8	50.6	76.0





#13

Acrolein

Concen: 71.490 ug/l

RT: 2.08 min Scan# 157

Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

VF0724SBS01

Tot Ion: 56 Resp: 4479

Ion Ratio Lower Upper

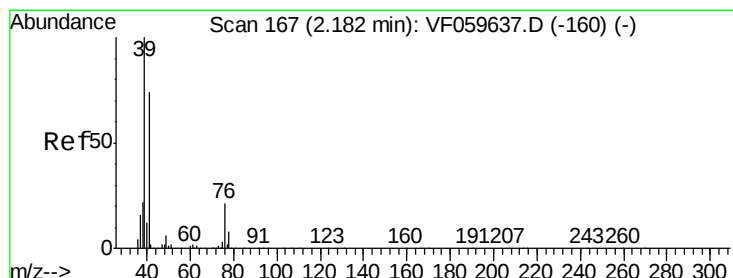
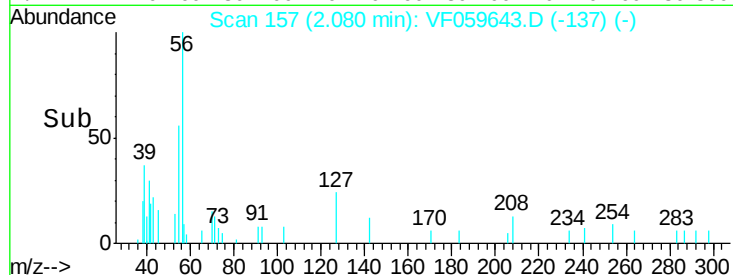
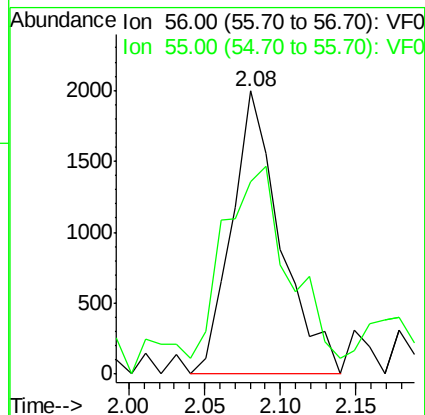
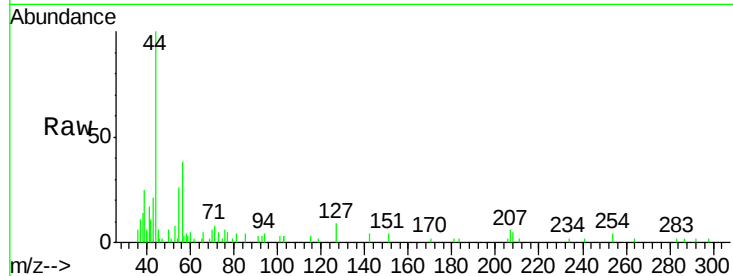
56 100

55 68.2 67.2 100.8

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#14

Allyl chloride

Concen: 20.766 ug/l

RT: 2.18 min Scan# 167

Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

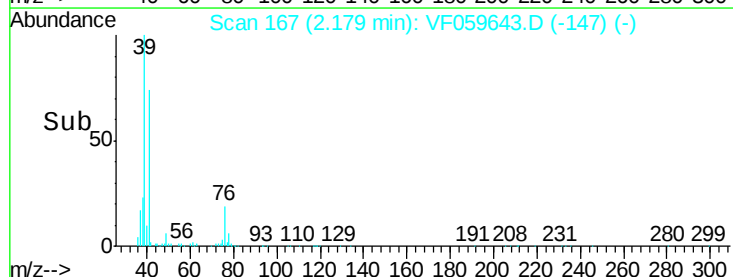
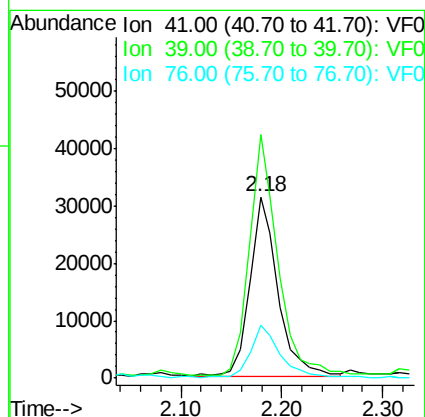
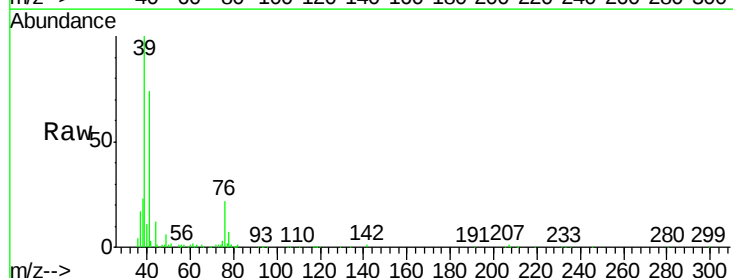
Tgt Ion: 41 Resp: 60650

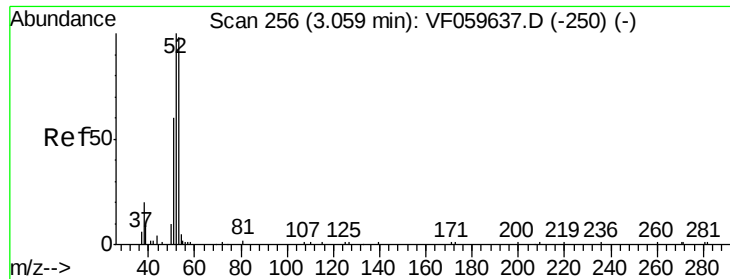
Ion Ratio Lower Upper

41 100

39 134.3 108.6 162.8

76 28.9 23.0 34.6





#15

Acrylonitrile

Concen: 96.692 ug/l

RT: 3.07 min Scan# 257

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

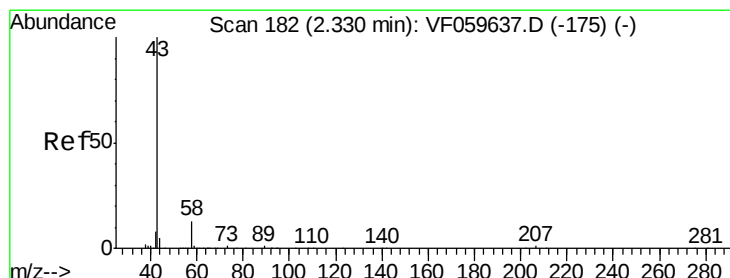
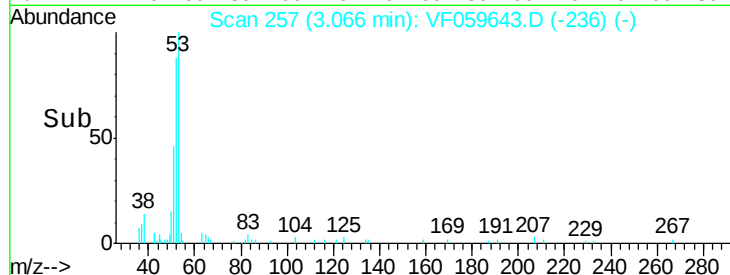
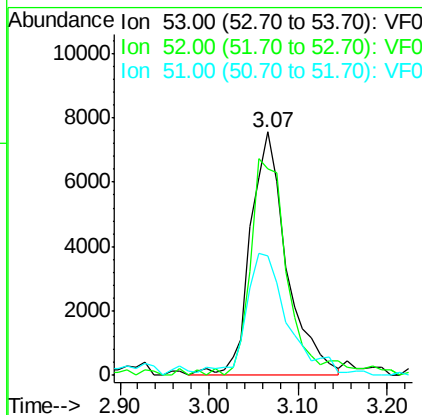
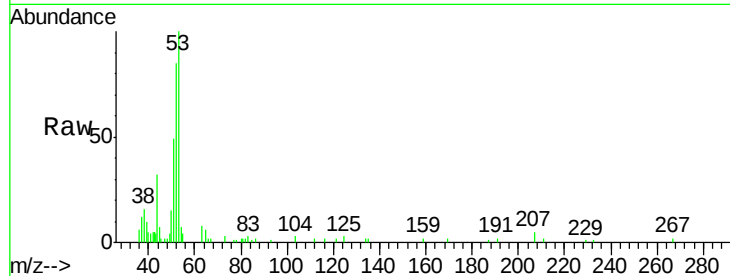
ClientSampleId :

VF0724SBS01

Tot Ion:	53	Resp:	21268
Ion	Ratio	Lower	Upper
53	100		
52	84.8	80.9	121.3
51	49.2	49.4	74.2#

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#16

Acetone

Concen: 84.827 ug/l

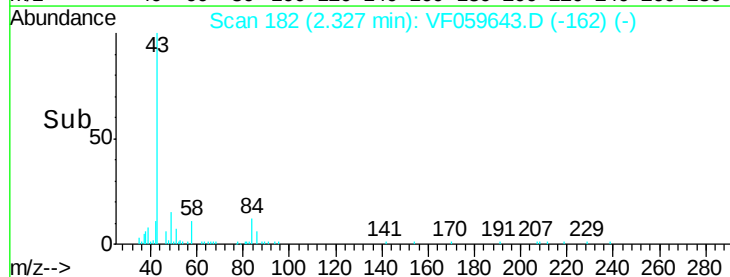
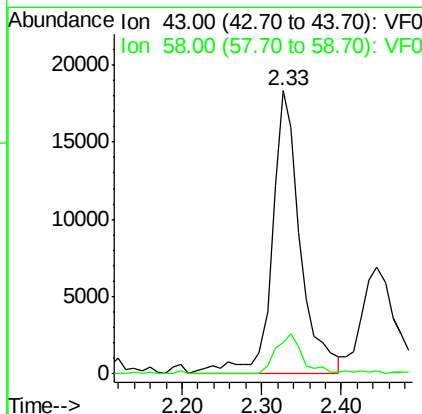
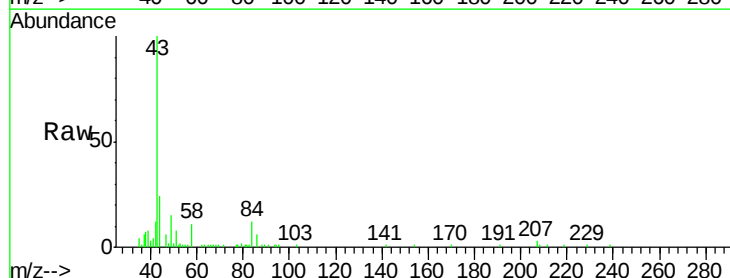
RT: 2.33 min Scan# 182

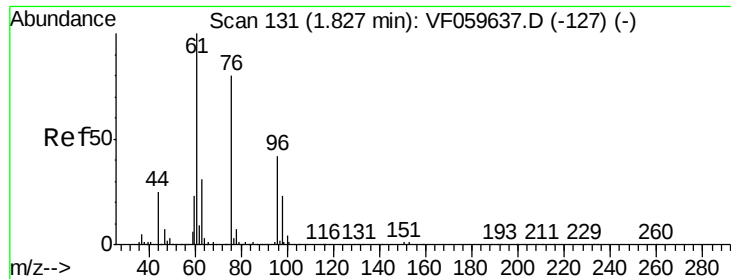
Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Tgt Ion:	43	Resp:	45480
Ion	Ratio	Lower	Upper
43	100		
58	10.8	10.2	15.2





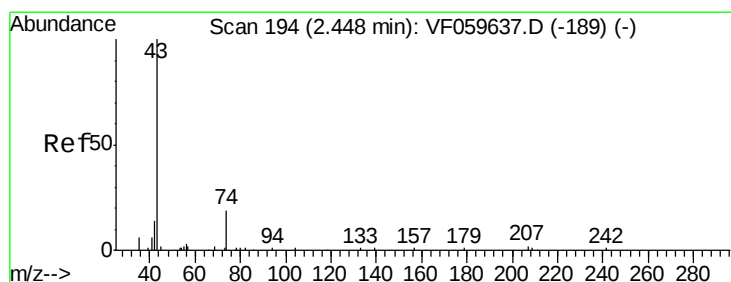
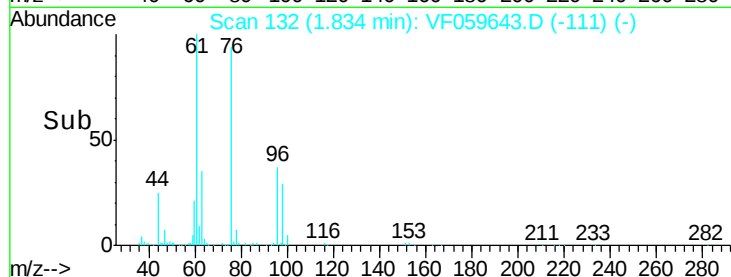
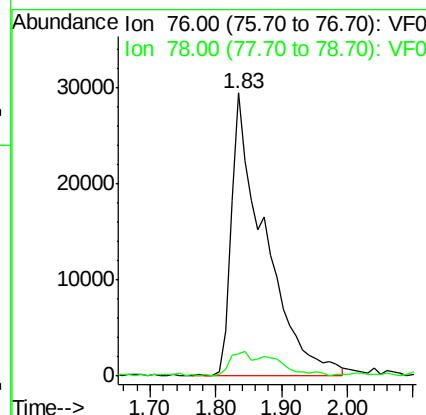
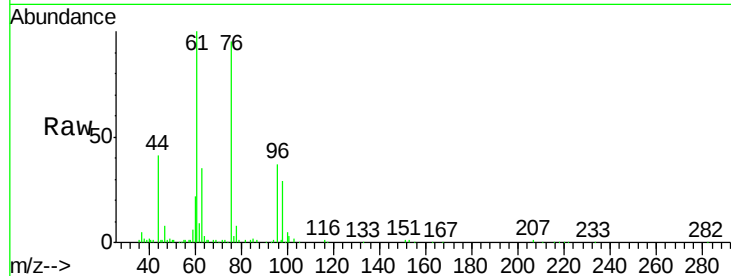
#17
Carbon Disulfide
Concen: 24.119 ug/l
RT: 1.83 min Scan# 132
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion: 76 Resp: 104485
Ion Ratio Lower Upper
76 100
78 8.0 7.0 10.6

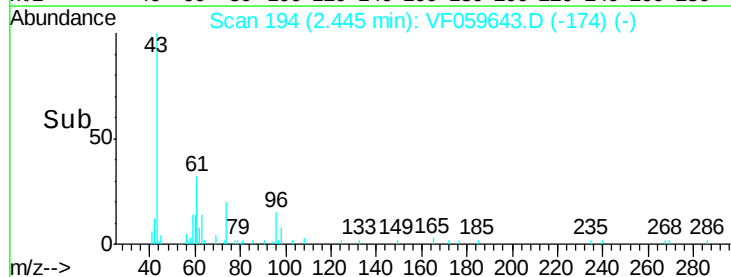
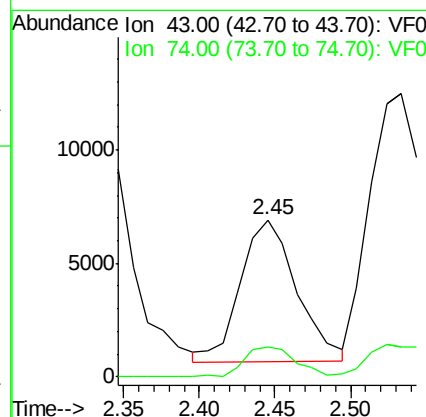
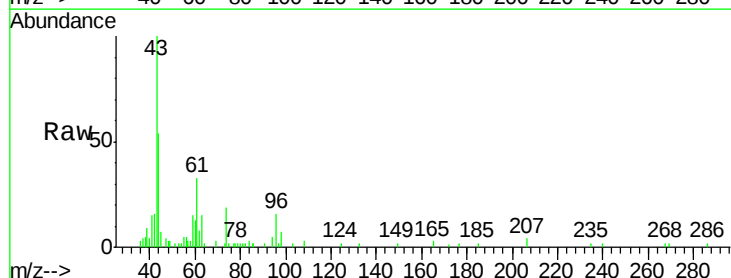
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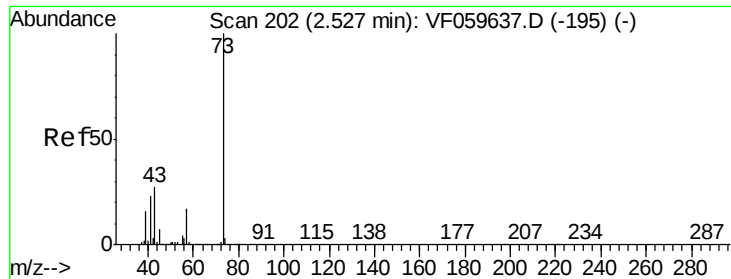
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#18
Methyl Acetate
Concen: 17.427 ug/l
RT: 2.45 min Scan# 194
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion: 43 Resp: 16182
Ion Ratio Lower Upper
43 100
74 19.3 13.0 19.6





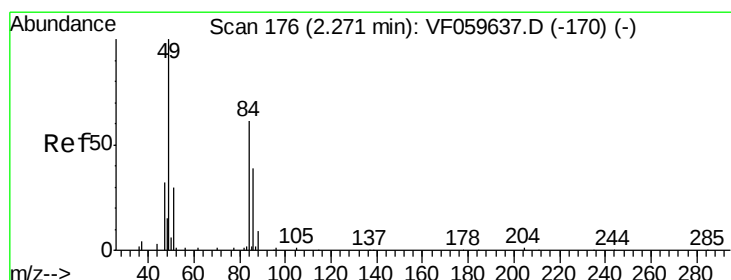
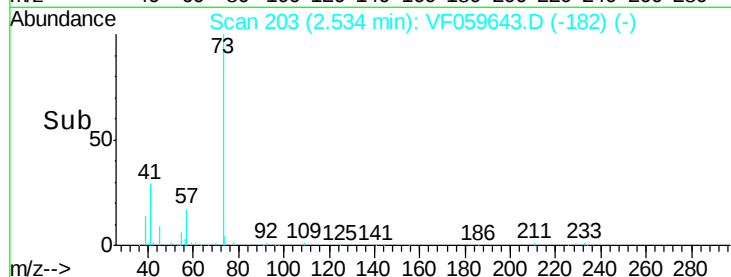
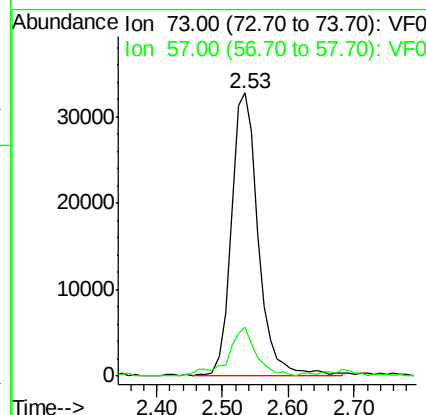
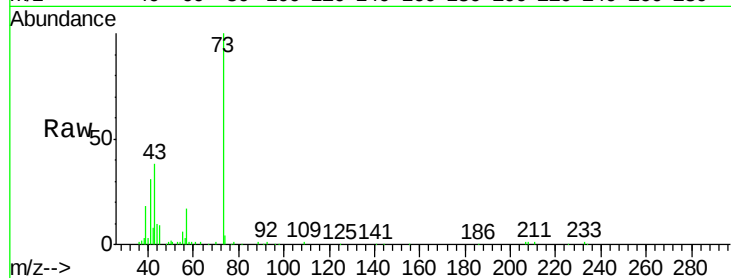
#19
Methvl tert-butvl Ether
Concen: 20.808 ug/l
RT: 2.53 min Scan# 203
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.2	14.2	21.4

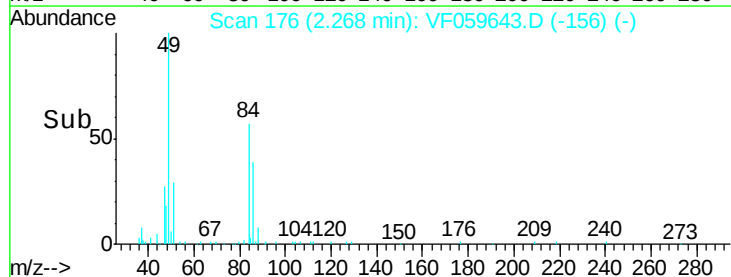
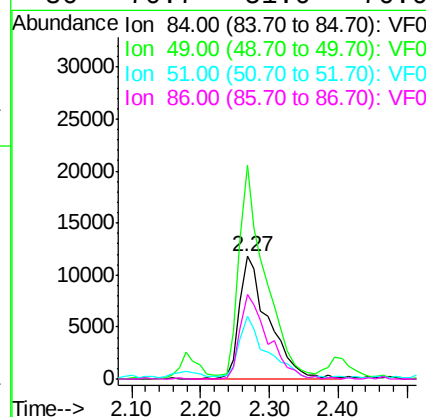
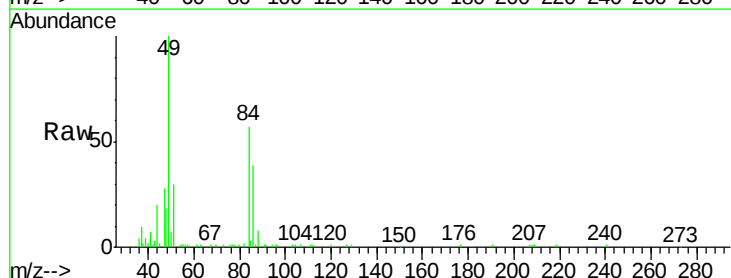
Manual Integrations
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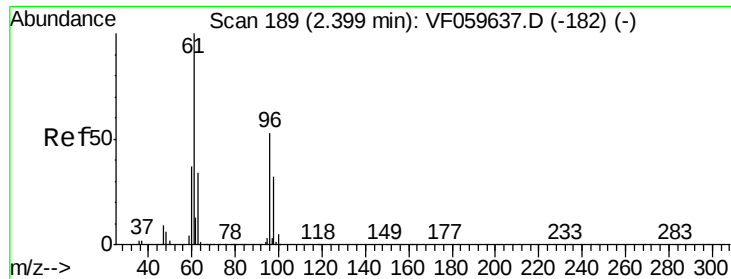
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#20
Methylene Chloride
Concen: 21.085 ug/l
RT: 2.27 min Scan# 176
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	174.5	133.8	200.8
51	51.8	41.1	61.7
86	70.7	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 21.429 ug/l

RT: 2.41 min Scan# 190

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

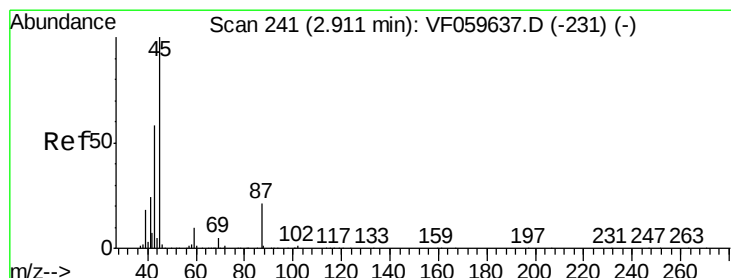
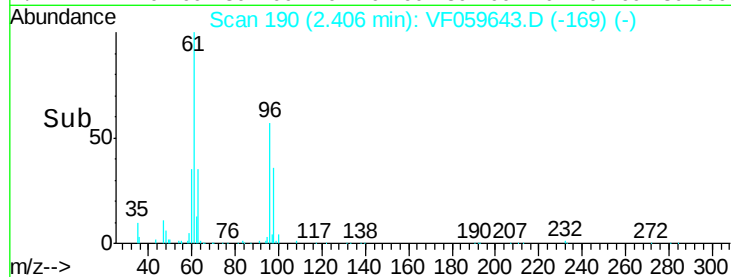
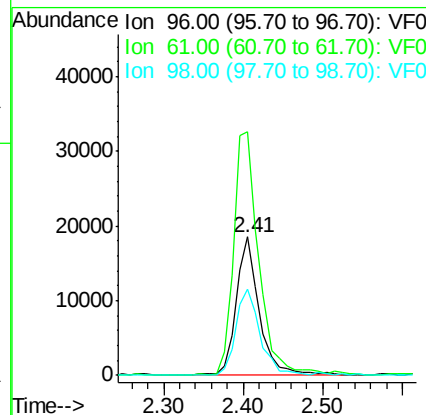
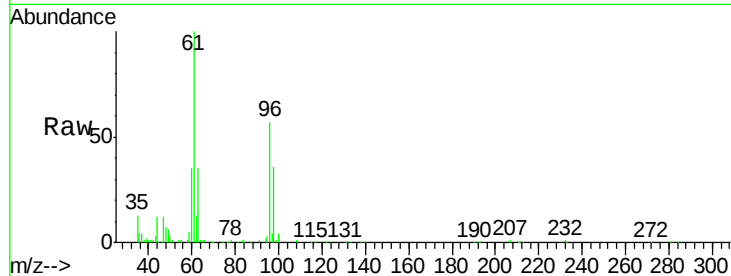
ClientSampleId :

VF0724SBS01

Tot Ion:	96	Resp:	37918
Ion	Ratio	Lower	Upper
96	100		
61	176.2	151.4	227.2
98	62.6	49.0	73.6

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#22

Diisopropyl ether

Concen: 20.591 ug/l

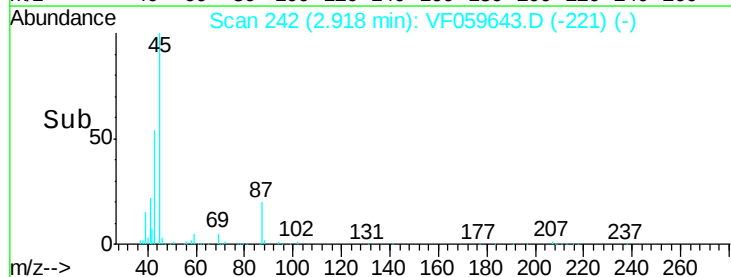
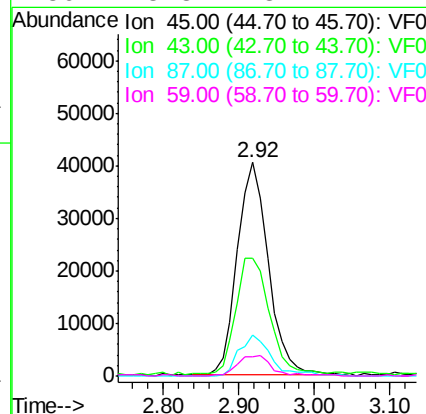
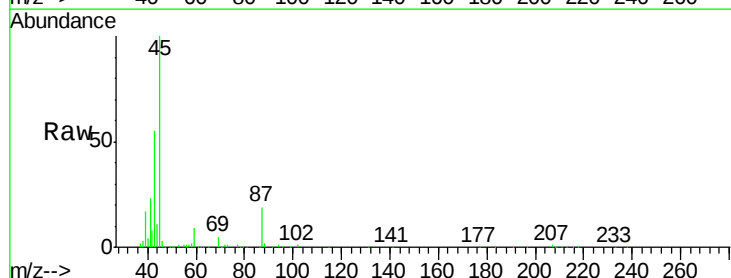
RT: 2.92 min Scan# 242

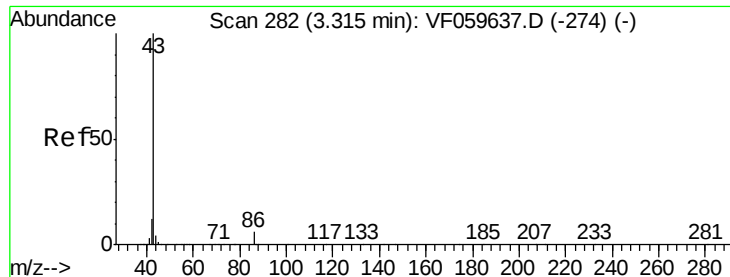
Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Tgt Ion:	45	Resp:	115351
Ion	Ratio	Lower	Upper
45	100		
43	55.3	46.5	69.7
87	19.4	16.5	24.7
59	8.8	8.2	12.2





#23

Vinyl Acetate

Concen: 99.422 ug/l

RT: 3.32 min Scan# 283

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

VF0724SBS01

Tot Ion: 43 Resp: 256932
Ion Ratio Lower Upper

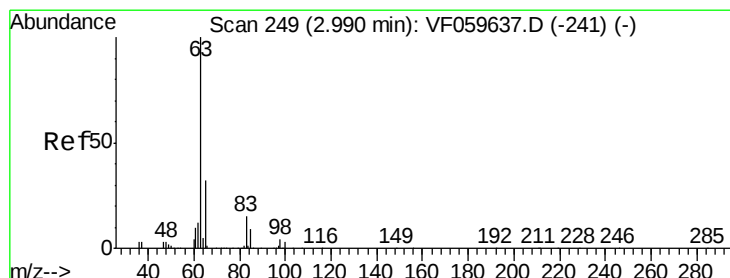
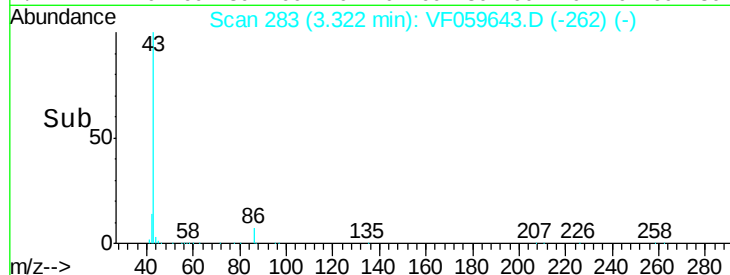
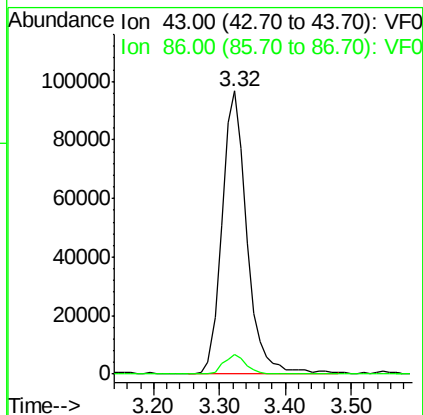
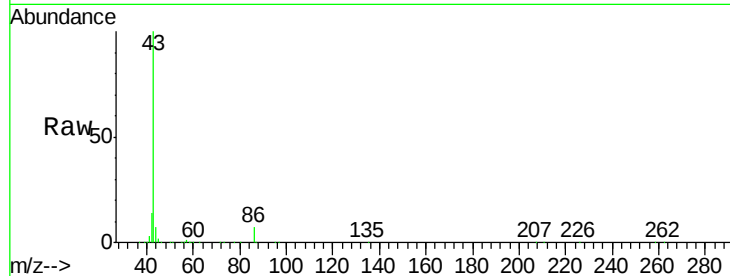
43 100

86 6.8 4.5 6.7#

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#24

1,1-Dichloroethane

Concen: 22.199 ug/l

RT: 2.99 min Scan# 249

Delta R.T. -0.00 min

Lab File: VF059643.D

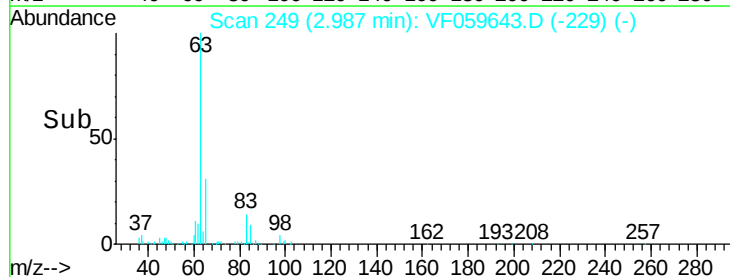
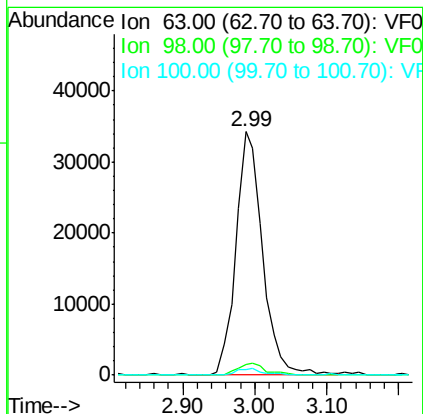
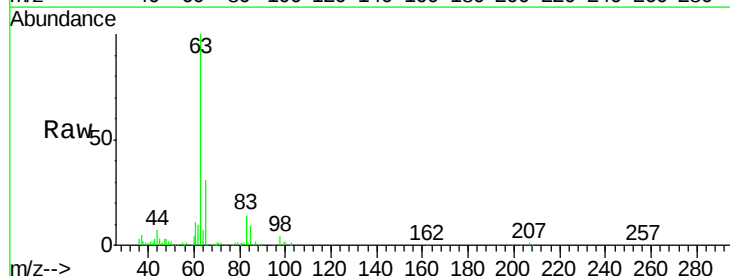
Acq: 24 Jul 2018 21:12

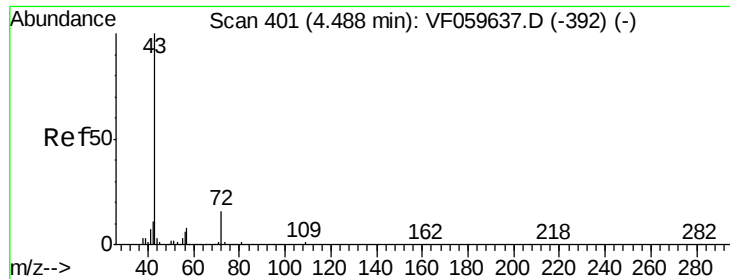
Tgt Ion: 63 Resp: 88467
Ion Ratio Lower Upper

63 100

98 4.2 1.8 5.5

100 2.4 1.3 3.9





#25

2-Butanone

Concen: 102.081 ug/l

RT: 4.50 min Scan# 402

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

VF0724SBS01

Tot Ion: 43 Resp: 65696

Ion Ratio Lower Upper

43 100

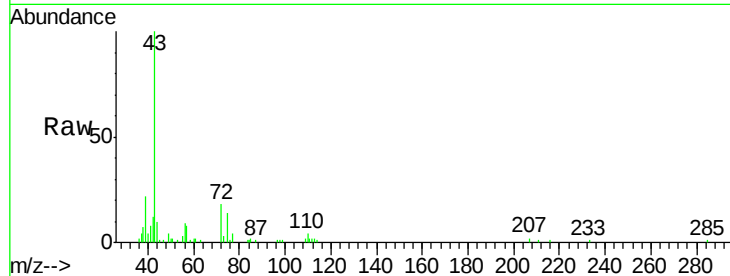
72 18.4 13.5 20.3

Manual Integrations

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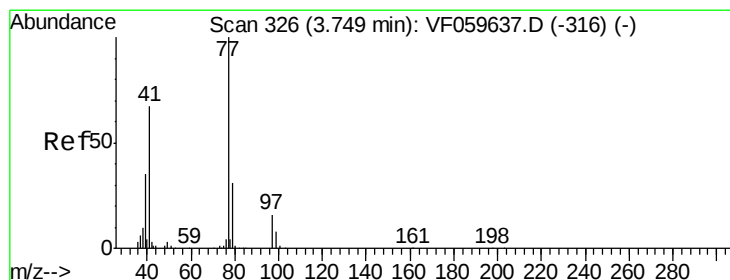
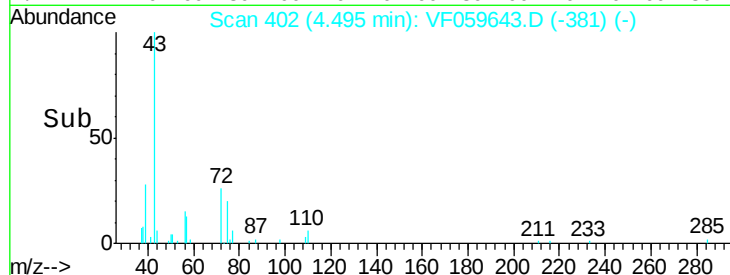
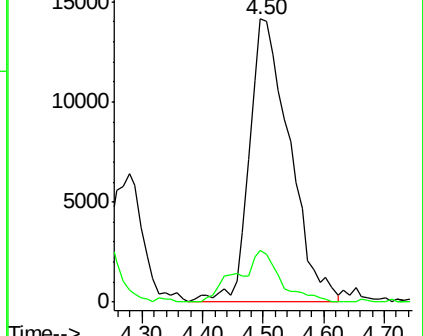
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 19.555 ug/l

RT: 3.75 min Scan# 326

Delta R.T. -0.00 min

Lab File: VF059643.D

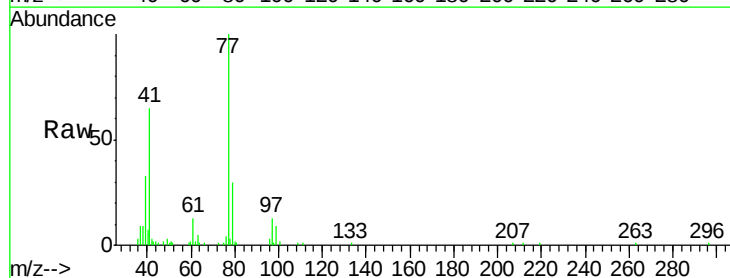
Acq: 24 Jul 2018 21:12

Tgt Ion: 77 Resp: 64425

Ion Ratio Lower Upper

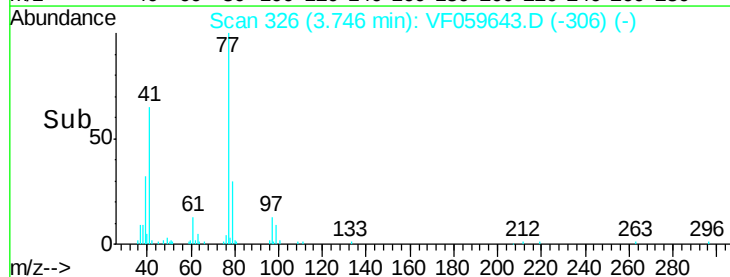
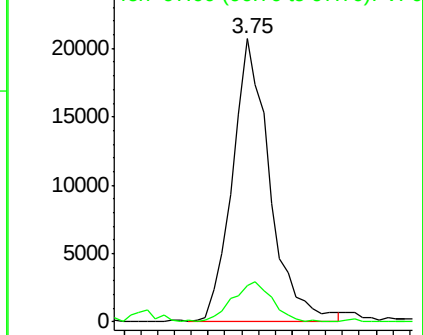
77 100

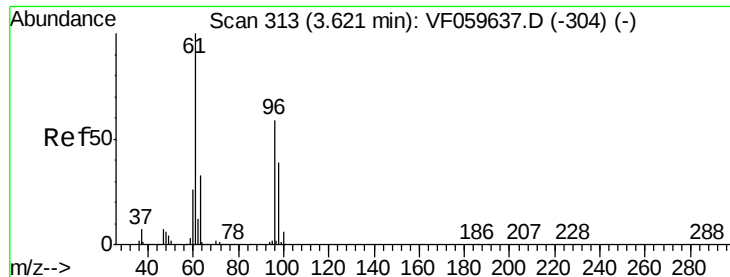
97 12.6 7.8 23.3



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0





#27

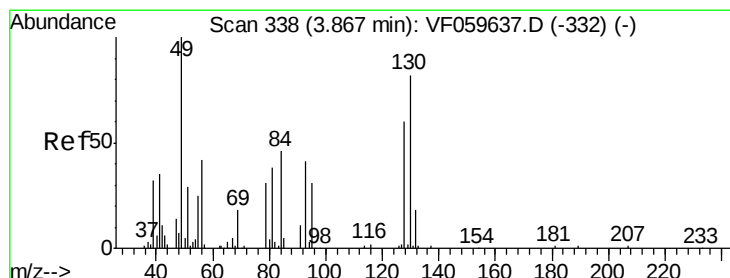
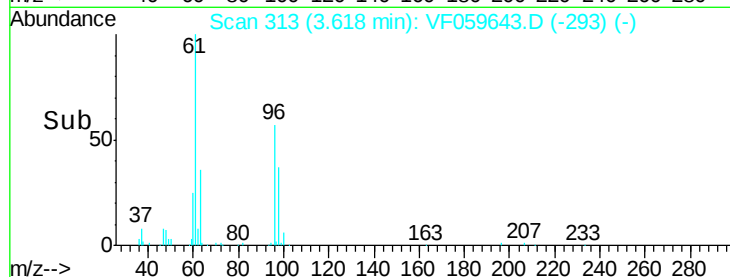
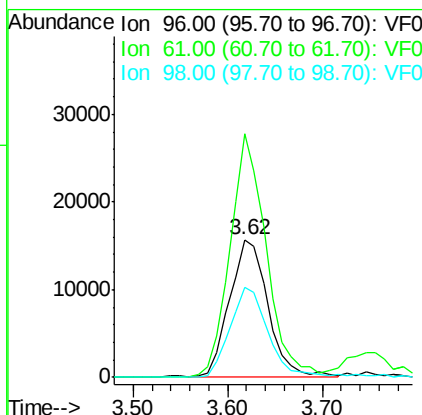
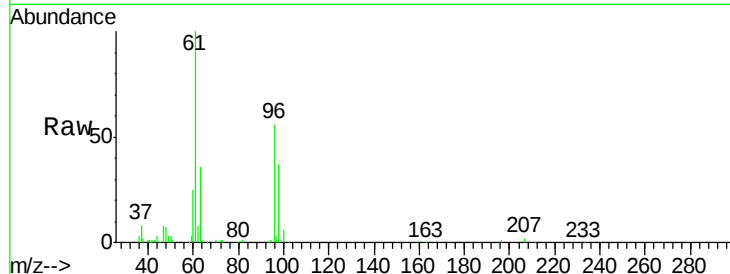
cis-1,2-Dichloroethene
Concen: 20.462 ug/l
RT: 3.62 min Scan# 313
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	177.0	0.0	337.4
98	65.6	0.0	132.8

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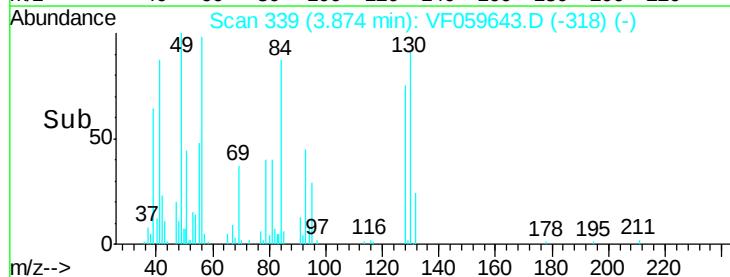
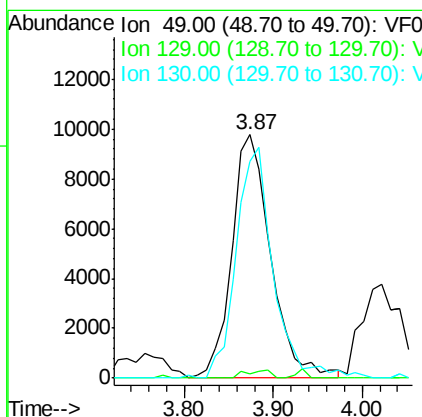
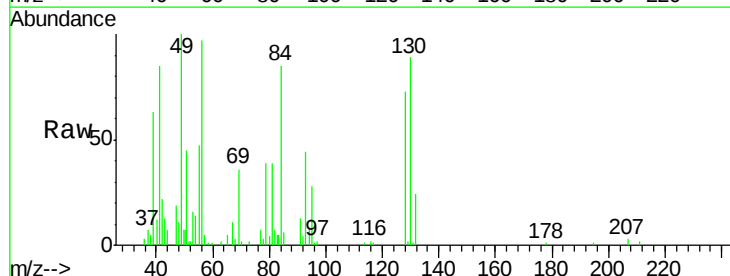
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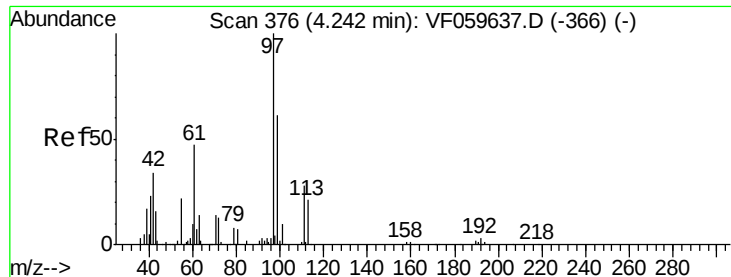


#28

Bromochloromethane
Concen: 20.562 ug/l
RT: 3.87 min Scan# 339
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.6
130	89.2	65.0	97.4





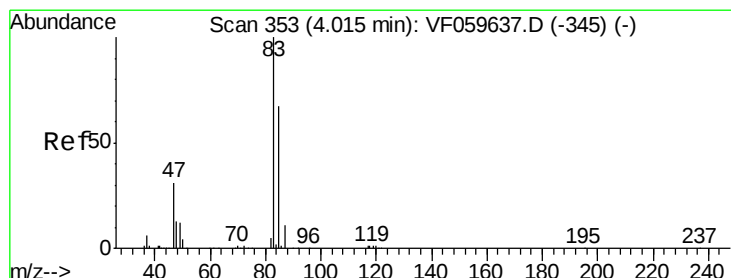
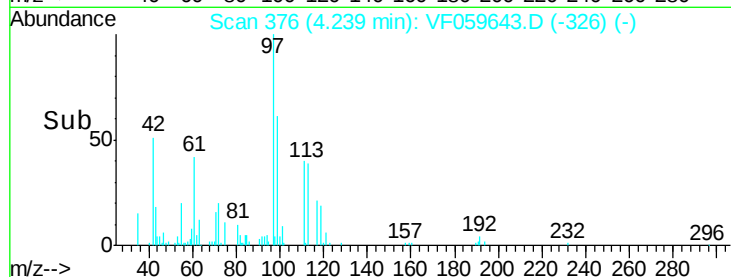
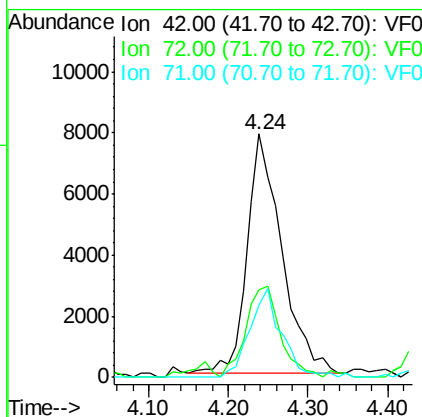
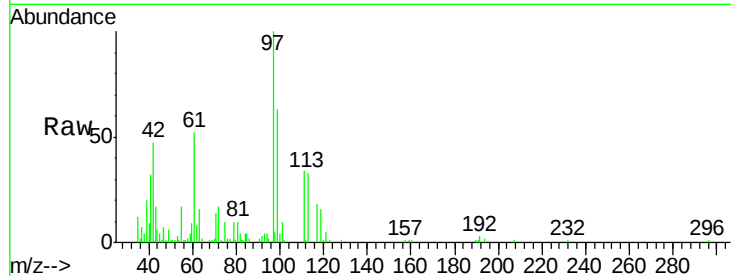
#29
Tetrahydrofuran
Concen: 87.882 ug/l
RT: 4.24 min Scan# 376
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.8	30.0	45.0
71	34.4	28.6	42.8

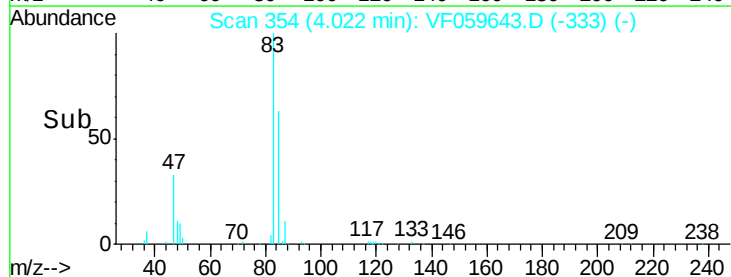
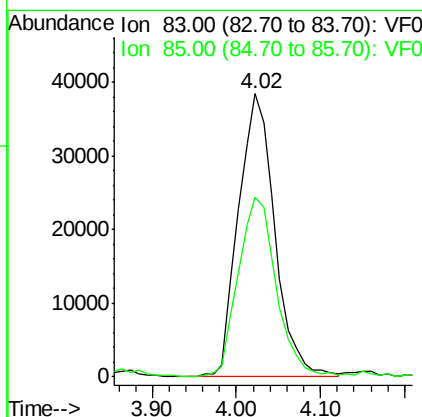
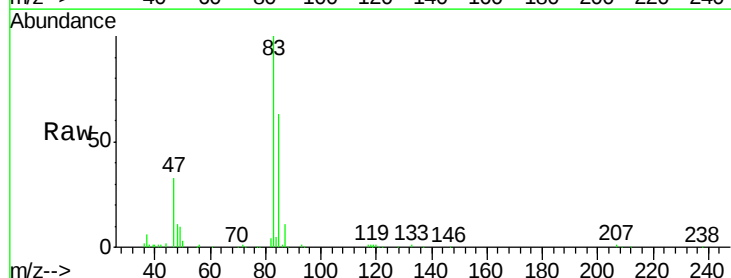
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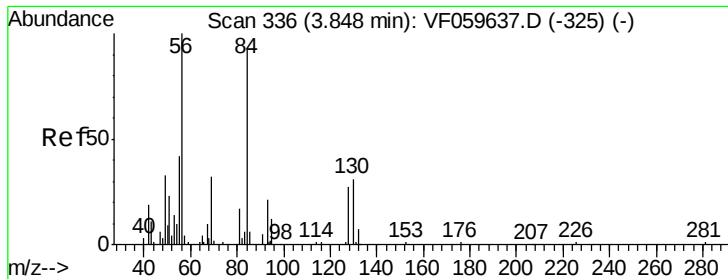
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#30
Chloroform
Concen: 21.055 ug/l
RT: 4.02 min Scan# 354
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.8	80.8





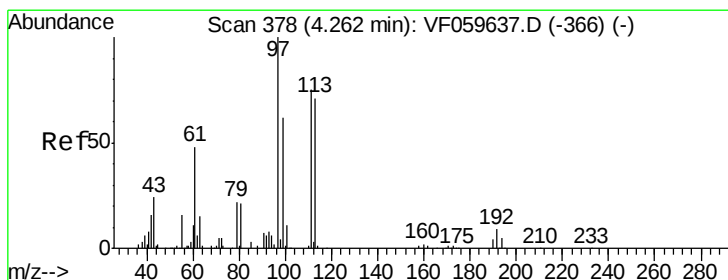
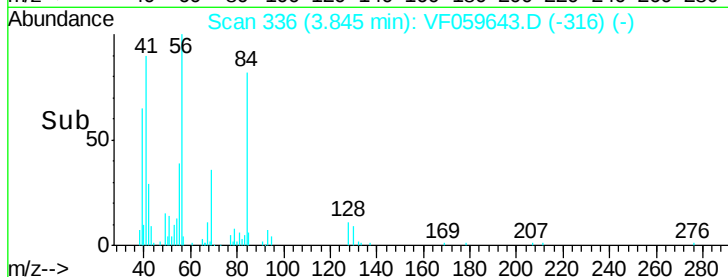
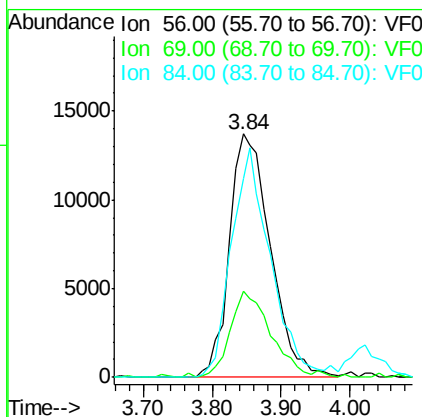
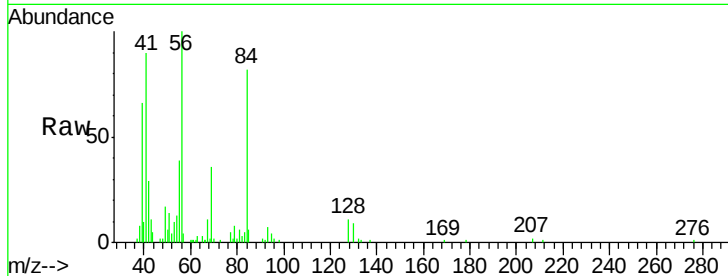
#31
Cyclohexane
Concen: 24.464 ug/l
RT: 3.84 min Scan# 336
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	26.0	39.0
84	81.6	73.5	110.3

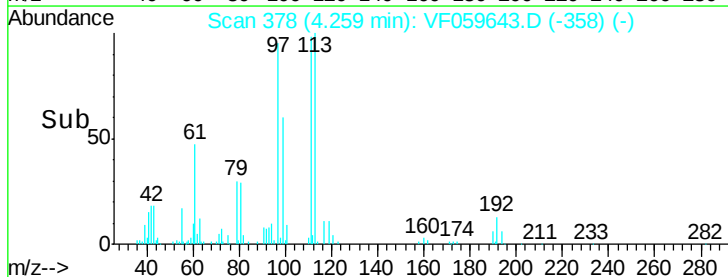
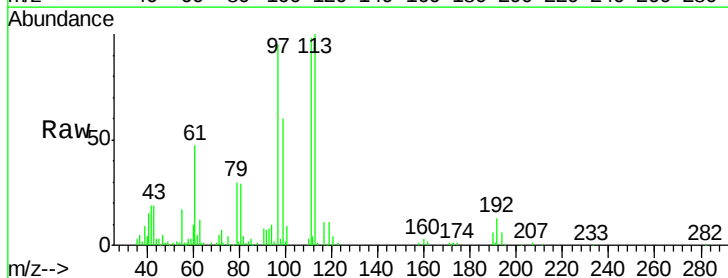
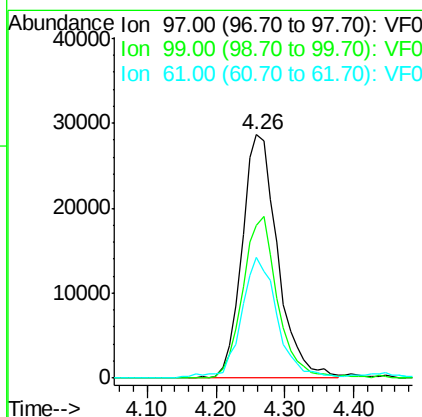
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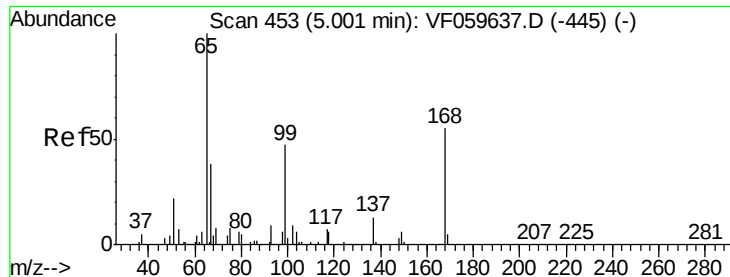
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#32
1,1,1-Trichloroethane
Concen: 21.853 ug/l
RT: 4.26 min Scan# 378
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	49.8	74.6
61	49.5	38.9	58.3





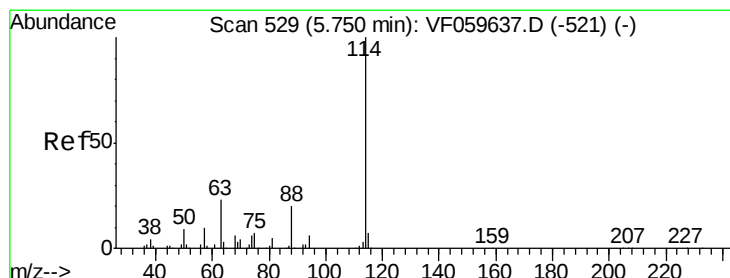
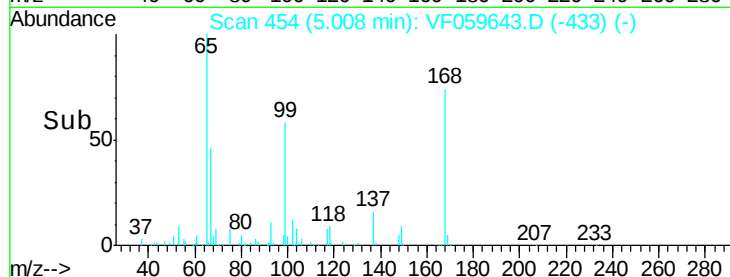
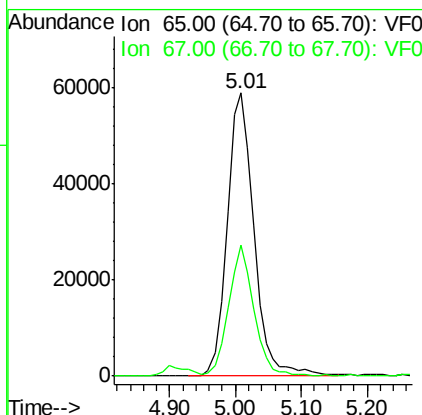
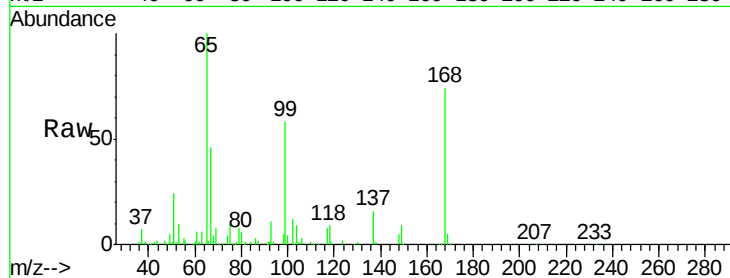
#33
 1,2-Dichloroethane-d4
 Concen: 49.025 ug/l
 RT: 5.01 min Scan# 454
 Delta R.T. 0.01 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	168224		
67	46.2	0.0	86.6	

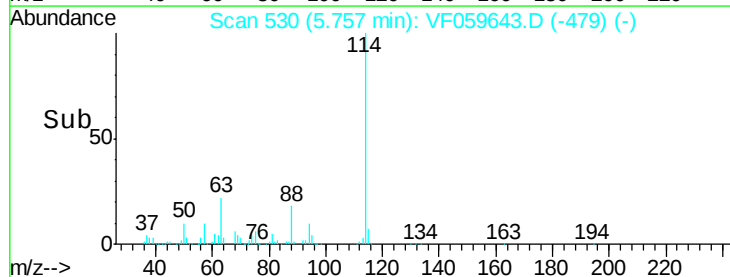
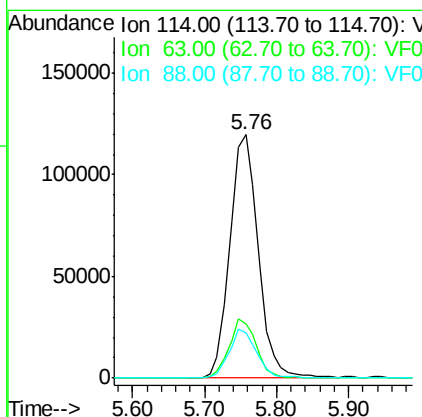
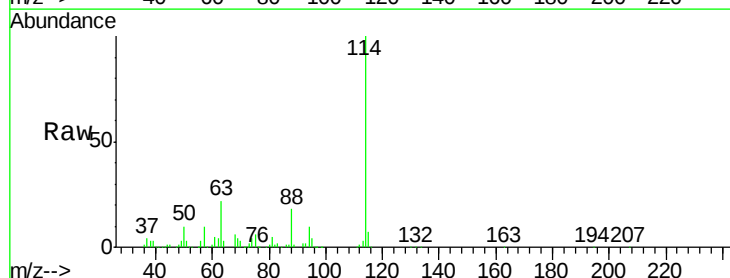
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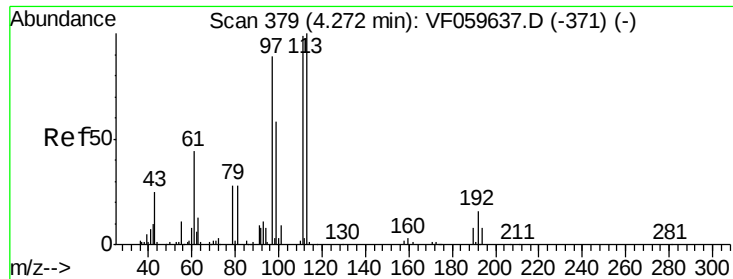
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	330144		
63	22.3	0.0	45.6	
88	18.4	0.0	40.8	





#35

Dibromofluoromethane

Concen: 53.914 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

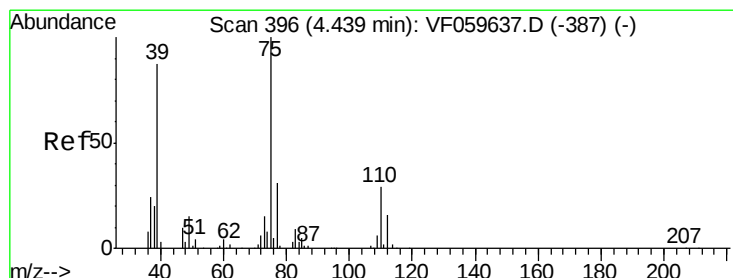
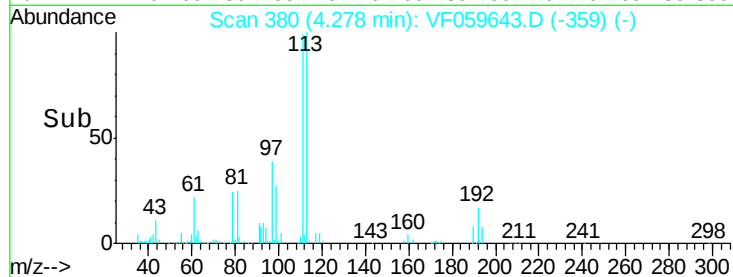
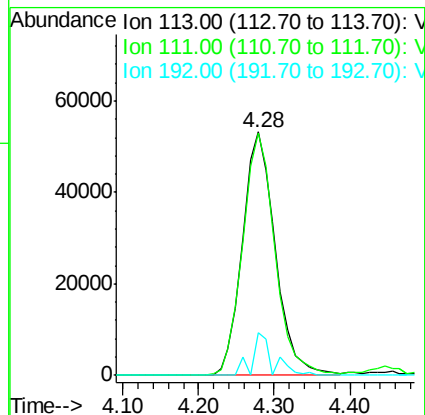
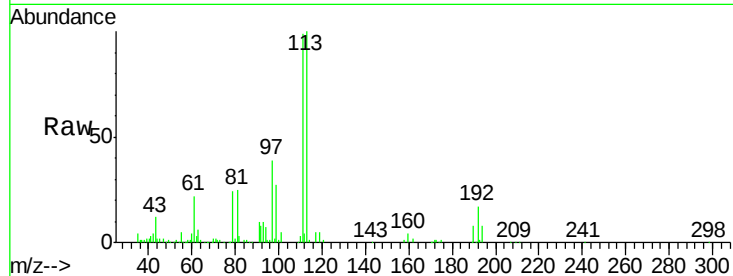
ClientSampleId :

VF0724SBS01

Tot Ion:	113	Resp:	160189
Ion Ratio	Lower	Upper	
113	100		
111	99.4	79.3	118.9
192	17.5	13.4	20.2

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#36

1,1-Dichloropropene

Concen: 22.654 ug/l

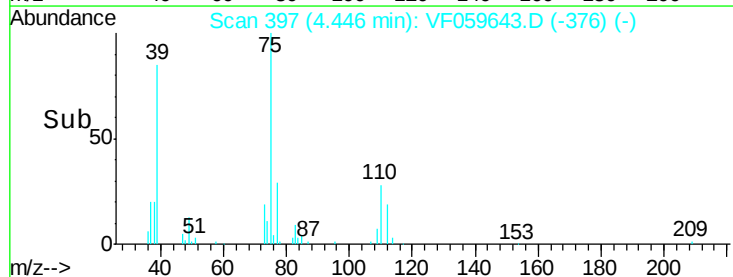
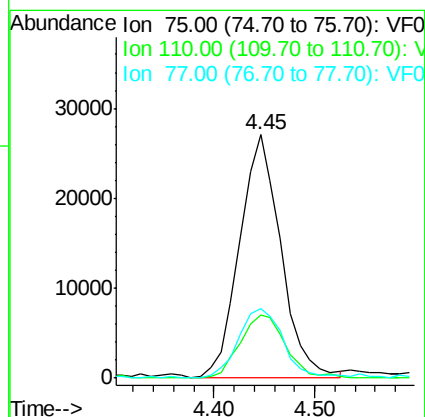
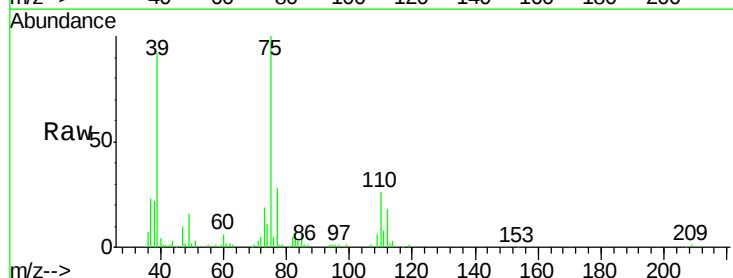
RT: 4.45 min Scan# 397

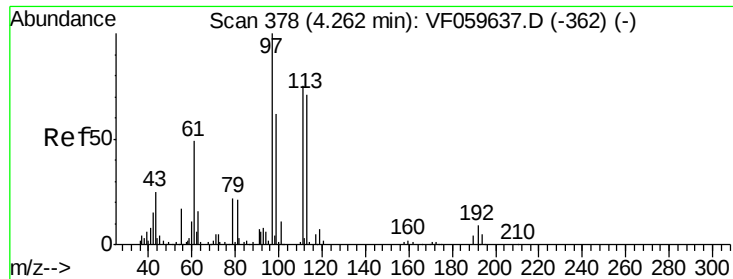
Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Tgt Ion:	75	Resp:	76625
Ion Ratio	Lower	Upper	
75	100		
110	26.1	14.6	43.8
77	28.4	24.4	36.6





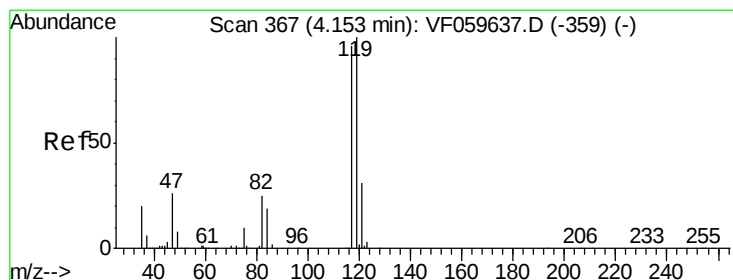
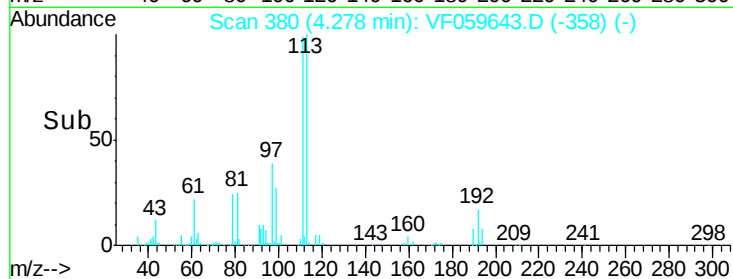
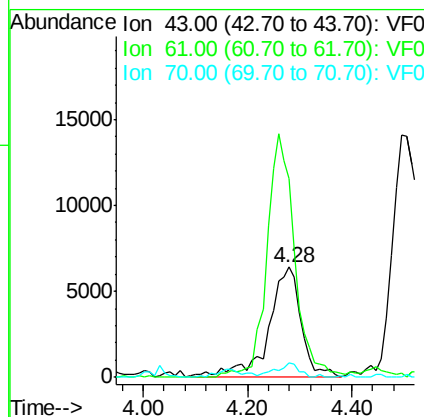
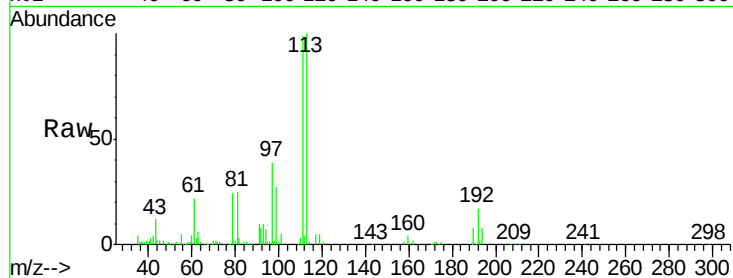
#37
Ethyl Acetate
Concen: 21.524 ug/l
RT: 4.28 min Scan# 380
Delta R.T. 0.02 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	180.0	156.6	234.8
70	13.3	7.3	10.9#

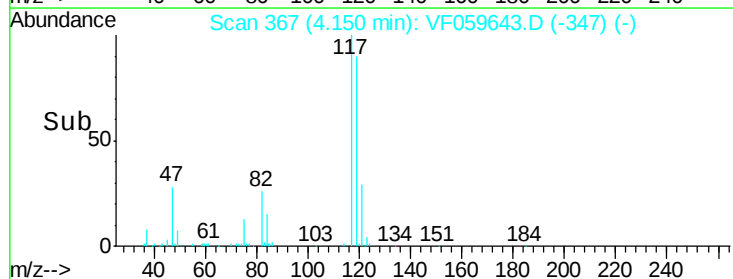
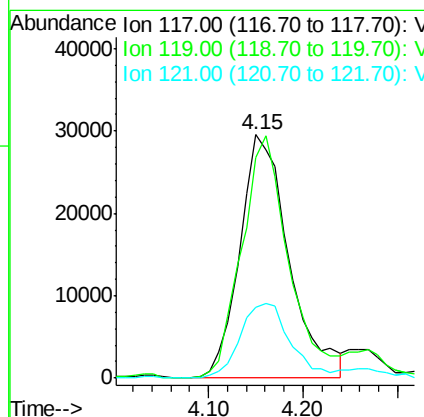
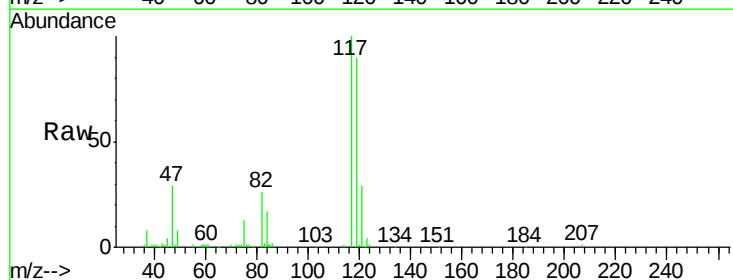
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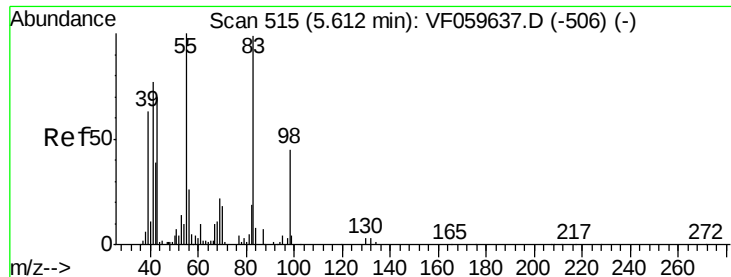
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#38
Carbon Tetrachloride
Concen: 22.984 ug/l
RT: 4.15 min Scan# 367
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.4	83.0	124.6
121	29.0	26.2	39.4





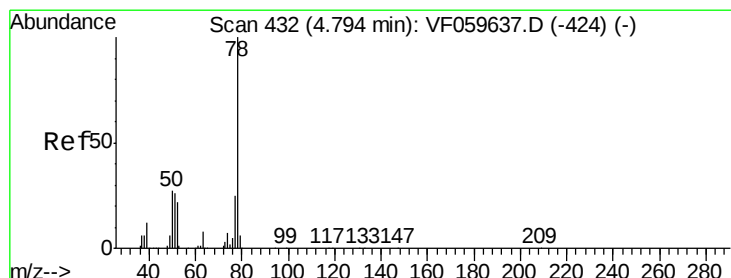
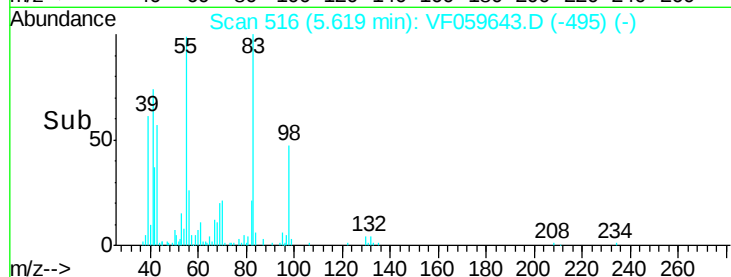
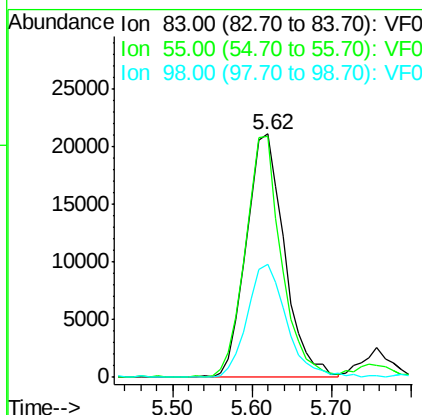
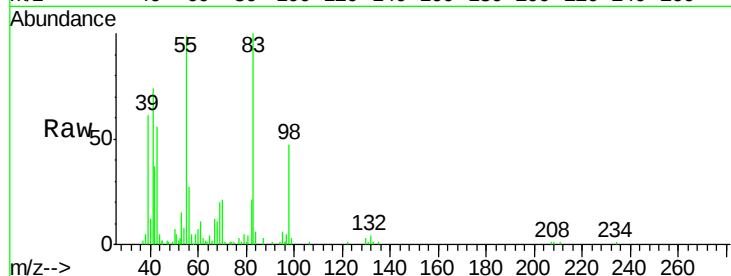
#39
Methvlcvclohexane
Concen: 25.397 ug/l
RT: 5.62 min Scan# 516
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	98.8	81.5	122.3
98	46.6	36.7	55.1

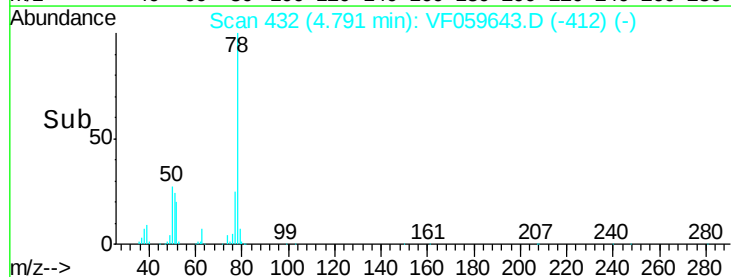
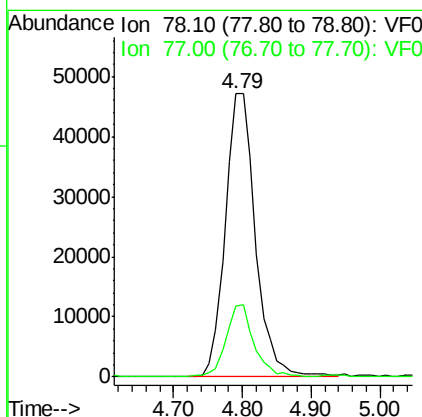
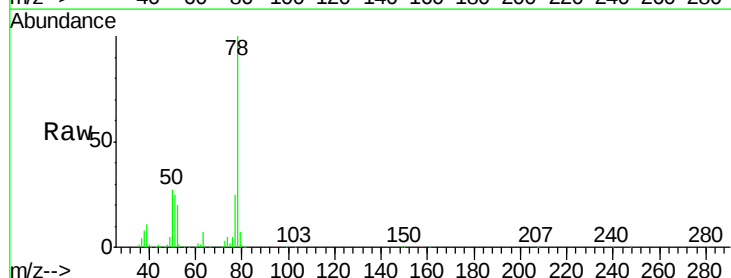
Manual Integrations
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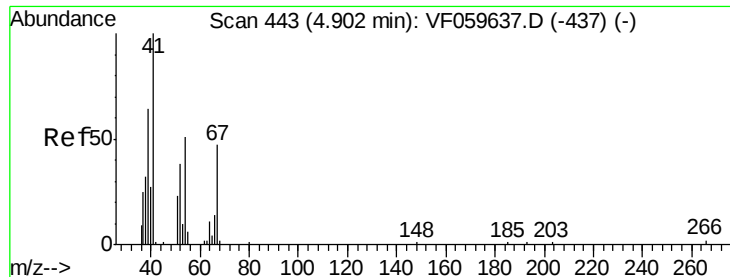
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#40
Benzene
Concen: 22.785 ug/l
RT: 4.79 min Scan# 432
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.8	29.6





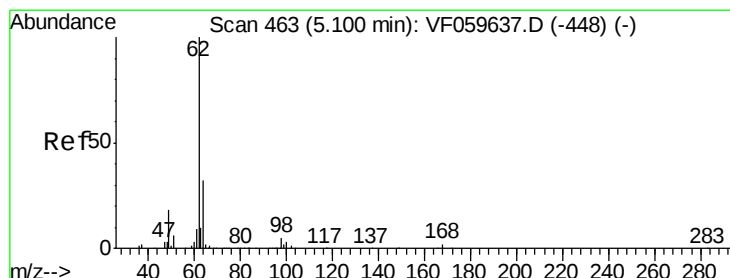
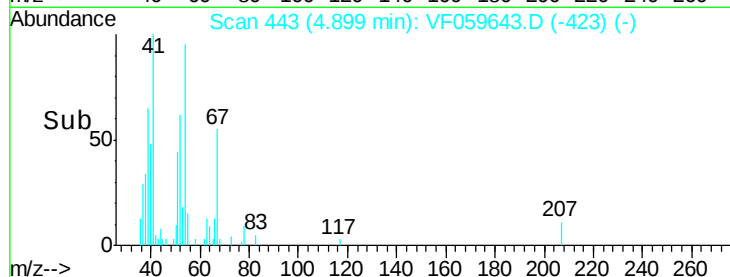
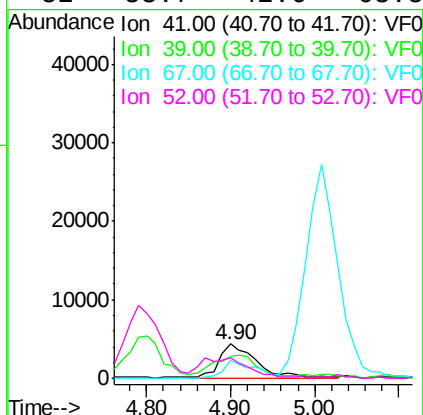
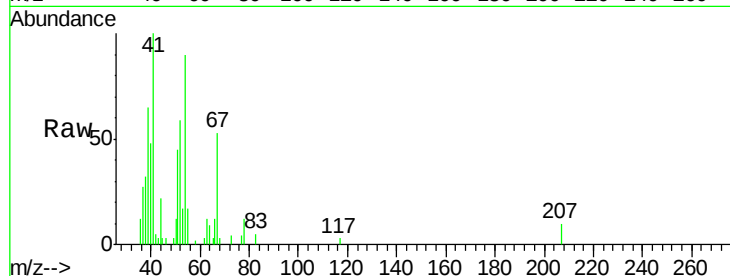
#41
Methacrylonitrile
Concen: 21.295 ug/l
RT: 4.90 min Scan# 443
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	65.1	56.9	85.3	
67	52.7	36.6	54.8	
52	58.7	42.6	63.8	

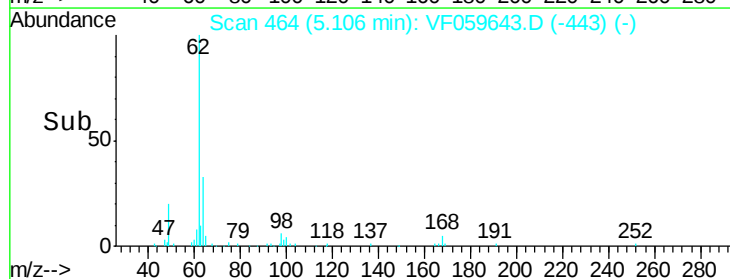
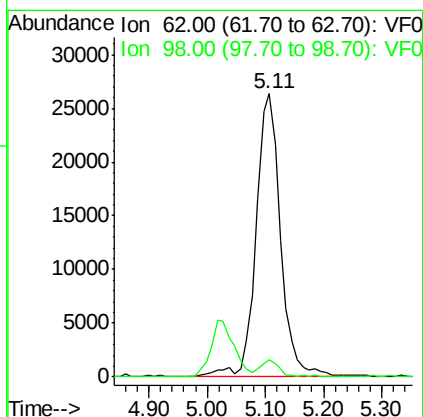
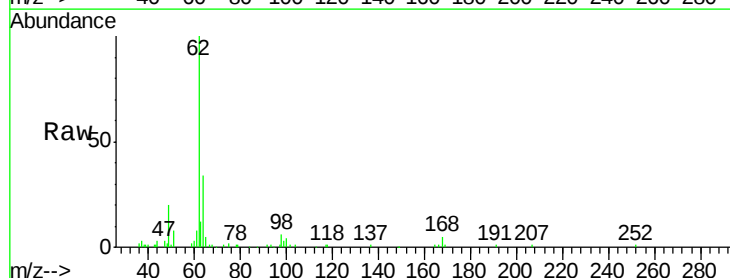
Manual Integrations
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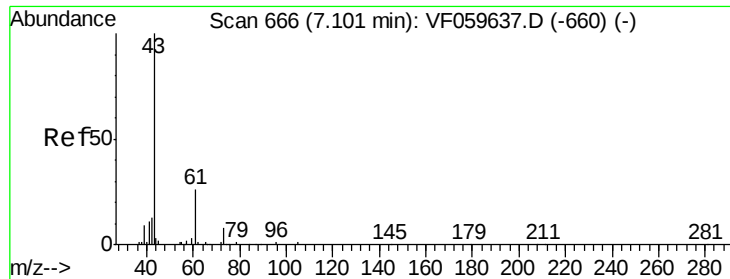
apatel
7/25/2018 2:34:03 PM



#42
1,2-Dichloroethane
Concen: 20.990 ug/l
RT: 5.11 min Scan# 464
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	5.9	0.0	10.6	





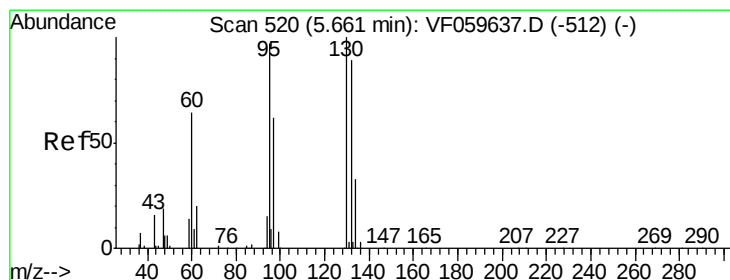
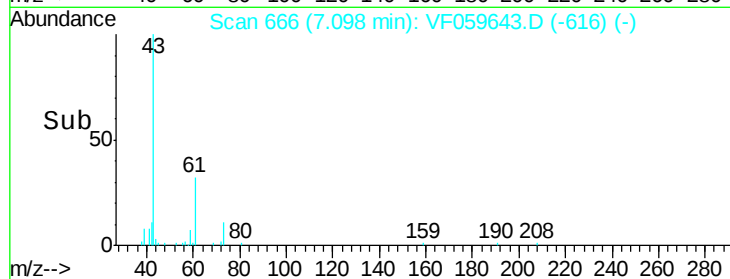
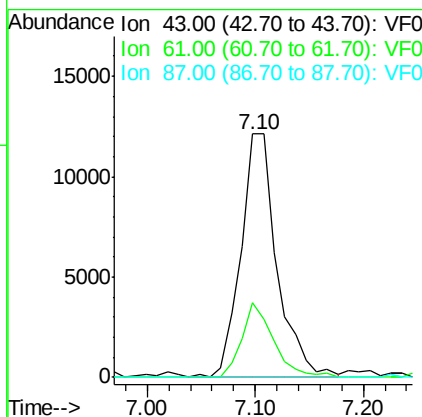
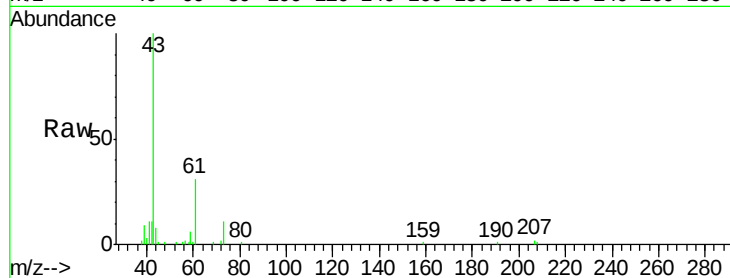
#43
Isopropyl Acetate
Concen: 18.950 ug/l
RT: 7.10 min Scan# 666
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.8	20.5	30.7#
87	0.0	0.4	0.6#

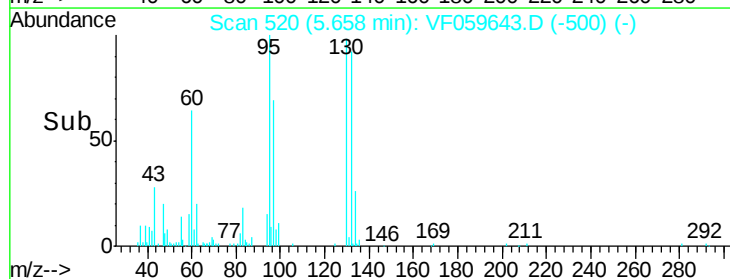
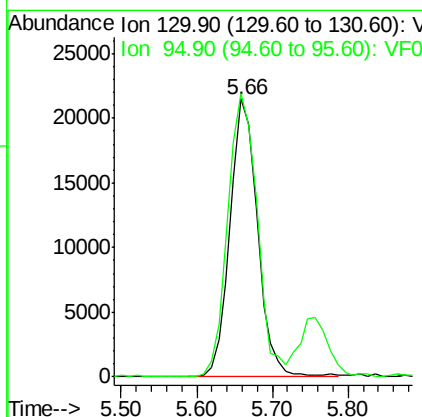
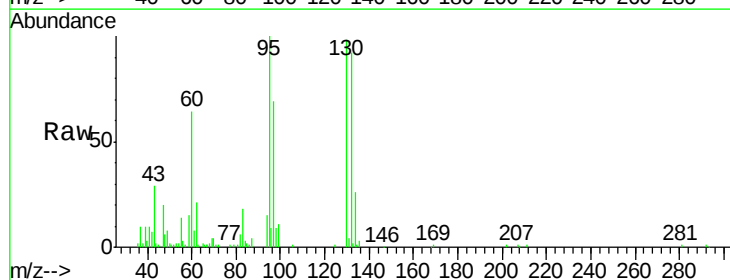
Manual Integrations
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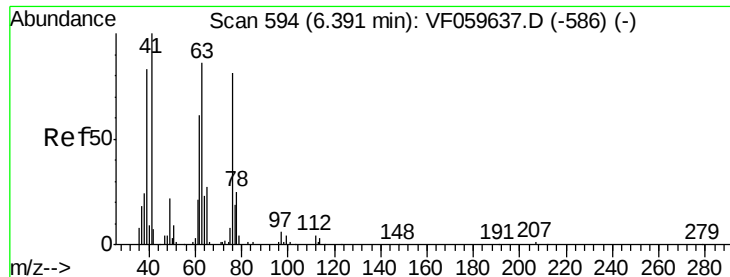
apatel
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#44
Trichloroethene
Concen: 23.505 ug/l
RT: 5.66 min Scan# 520
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	193.4





#45

1,2-Dichloropropane

Concen: 22.528 ug/l

RT: 6.40 min Scan# 595

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

VF0724SBS01

Tot Ion: 63 Resp: 35689

Ion Ratio Lower Upper

63 100

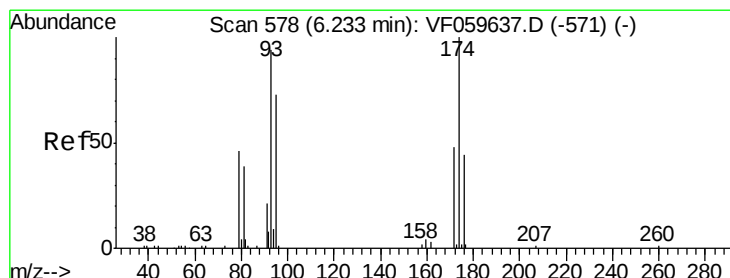
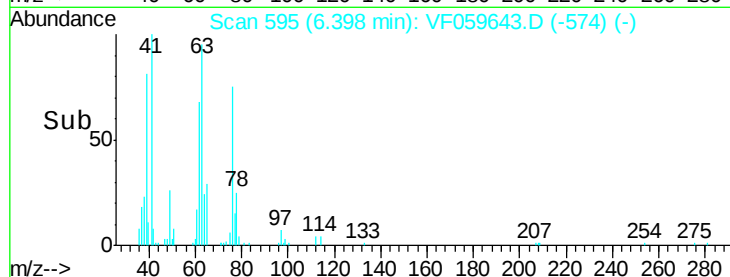
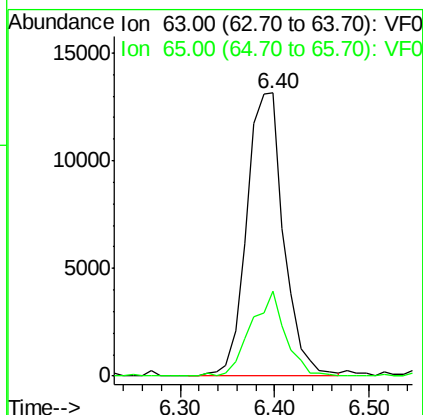
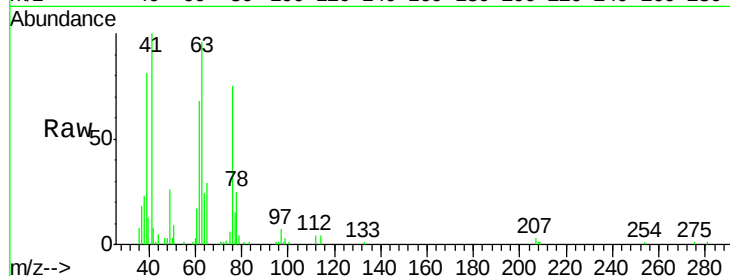
65 30.2 25.1 37.7

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#46

Dibromomethane

Concen: 20.145 ug/l

RT: 6.24 min Scan# 579

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

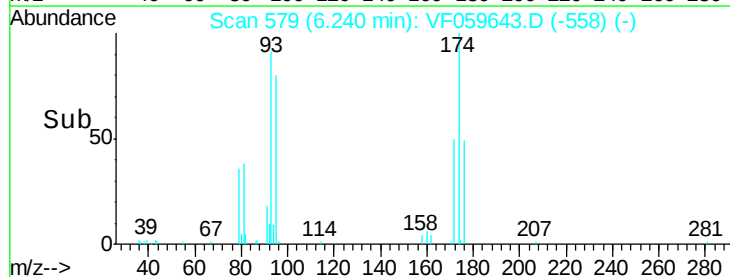
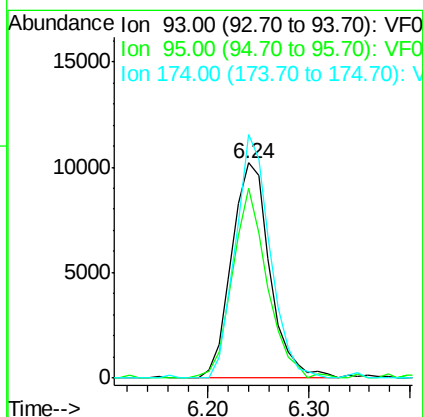
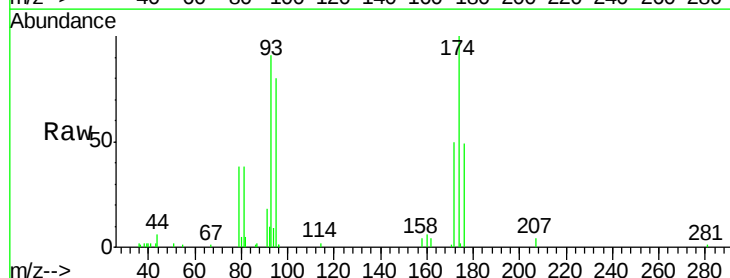
Tgt Ion: 93 Resp: 26957

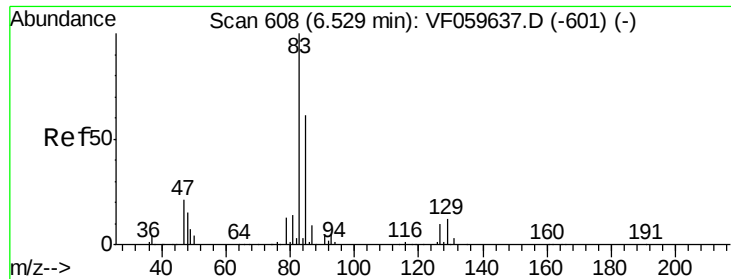
Ion Ratio Lower Upper

93 100

95 88.4 63.1 94.7

174 113.0 85.3 127.9





#47

Bromodichloromethane

Concen: 21.388 ug/l

RT: 6.54 min Scan# 609

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

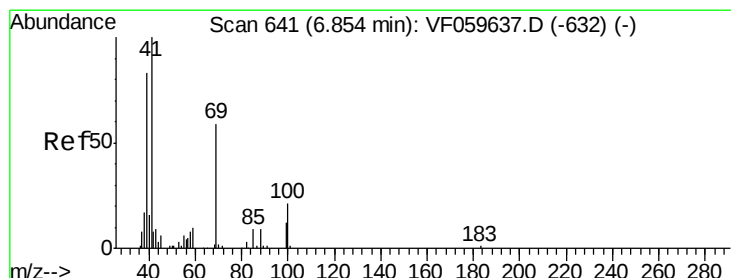
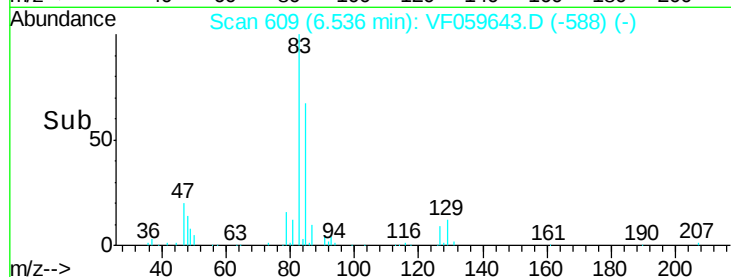
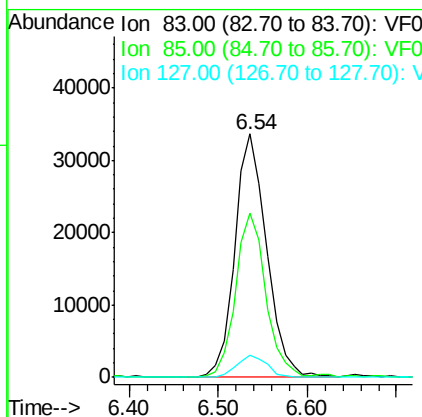
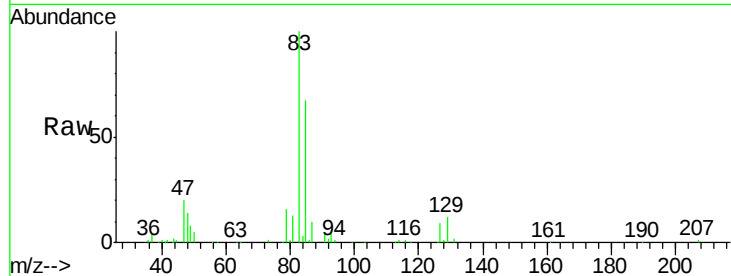
ClientSampleId :

VF0724SBS01

Tot Ion:	83	Resp:	83679
Ion	Ratio	Lower	Upper
83	100		
85	67.4	48.6	72.8
127	8.9	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.617 ug/l

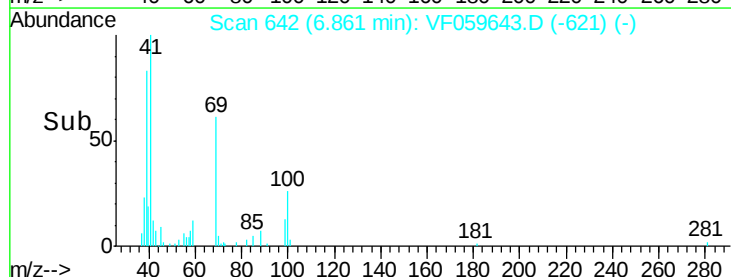
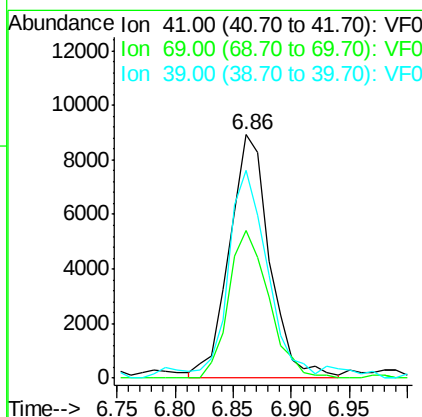
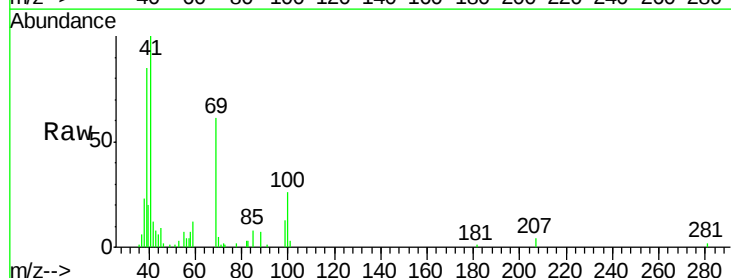
RT: 6.86 min Scan# 642

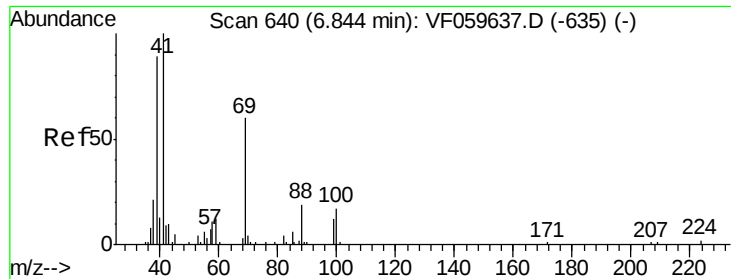
Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Tgt Ion:	41	Resp:	21482
Ion	Ratio	Lower	Upper
41	100		
69	60.9	47.5	71.3
39	85.2	67.0	100.6





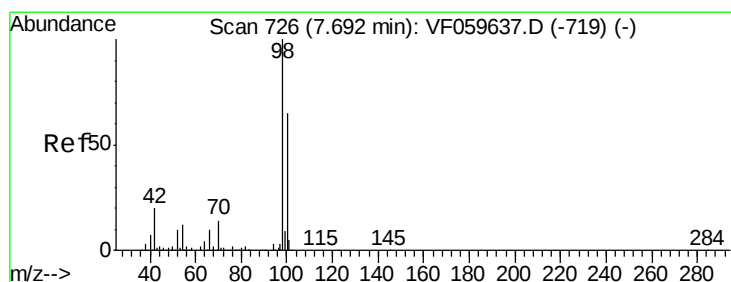
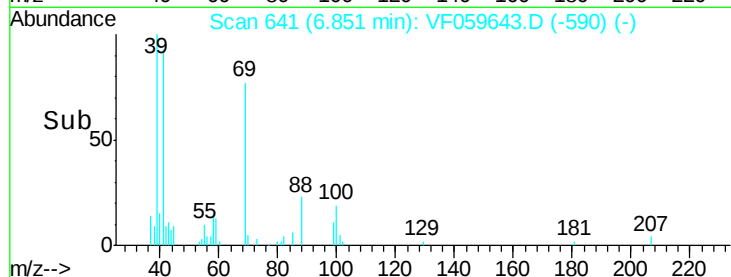
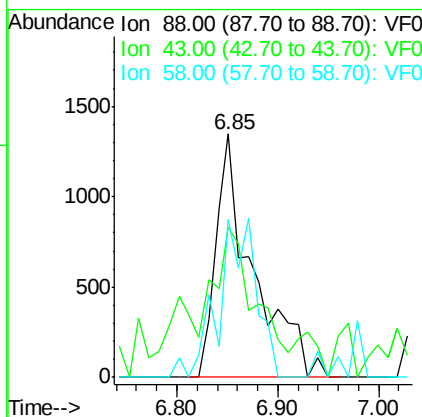
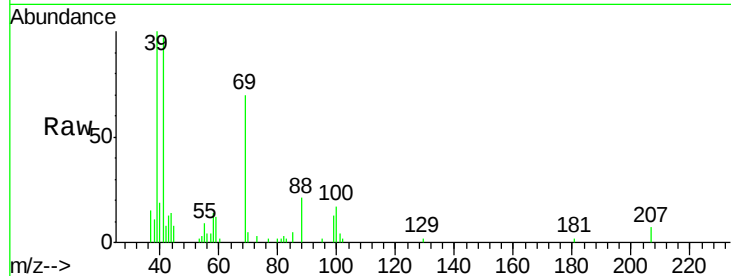
#49
1,4-Dioxane
Concen: 409.632 ug/l
RT: 6.85 min Scan# 641
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	61.8	45.3	67.9
58	64.8	47.7	71.5

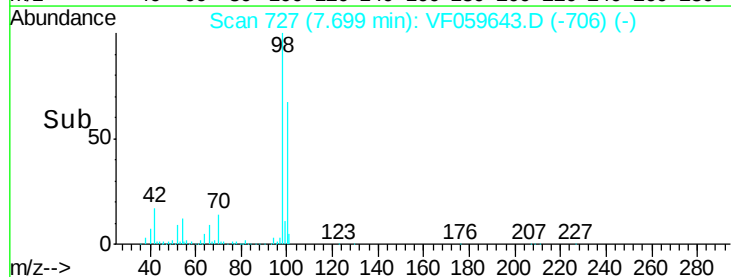
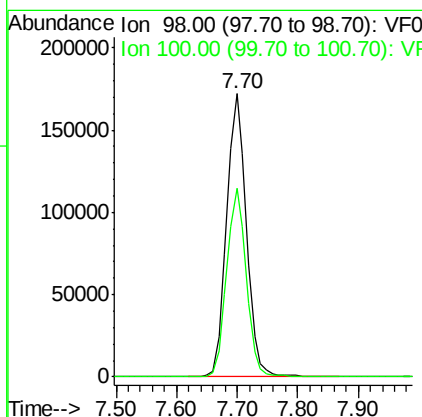
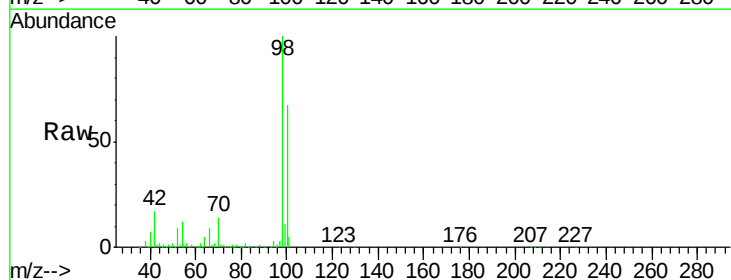
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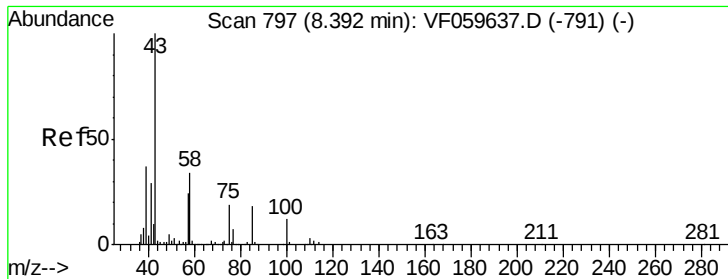
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#50
Toluene-d8
Concen: 54.240 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 98.334 ug/l

RT: 8.40 min Scan# 798

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

VF0724SBS01

Tot Ion: 43 Resp: 107515

Ion Ratio Lower Upper

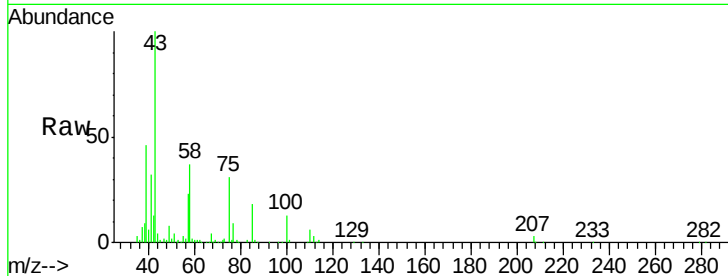
43 100

58 36.7 27.3 40.9

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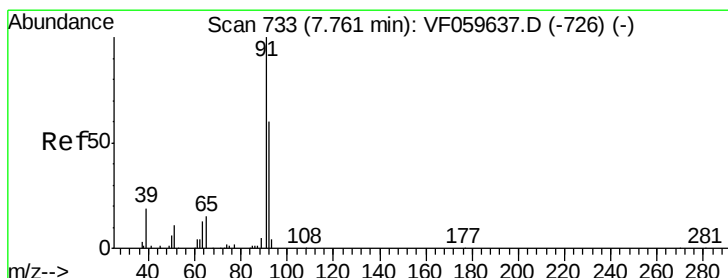
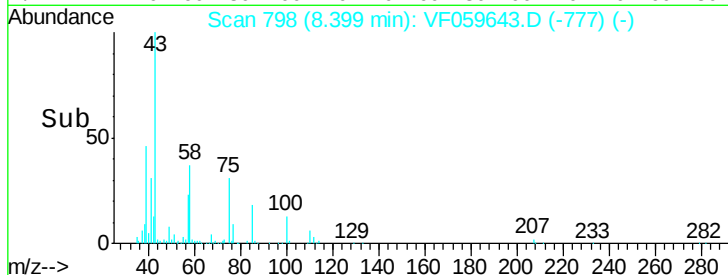
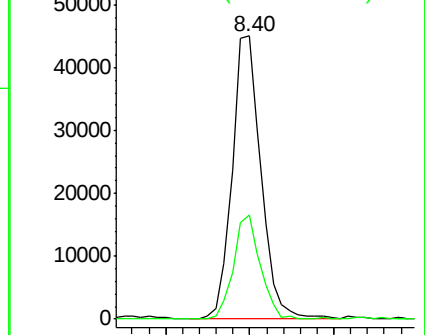
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 21.700 ug/l

RT: 7.77 min Scan# 734

Delta R.T. 0.01 min

Lab File: VF059643.D

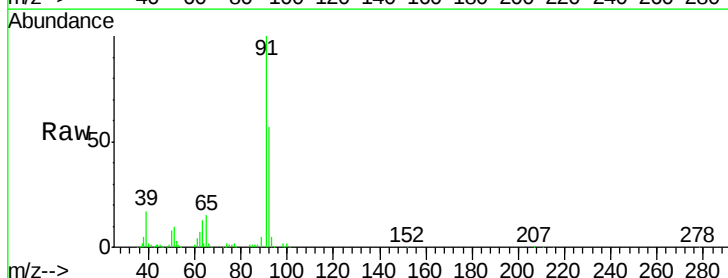
Acq: 24 Jul 2018 21:12

Tgt Ion: 92 Resp: 96011

Ion Ratio Lower Upper

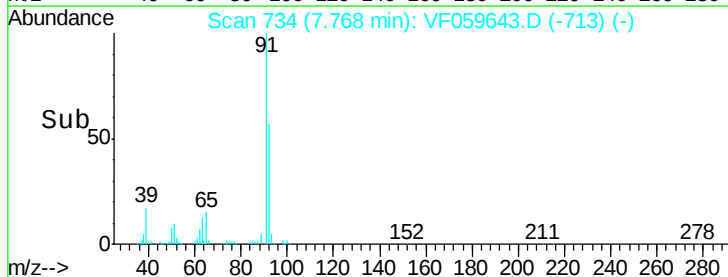
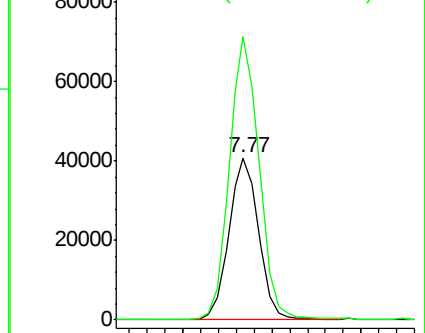
92 100

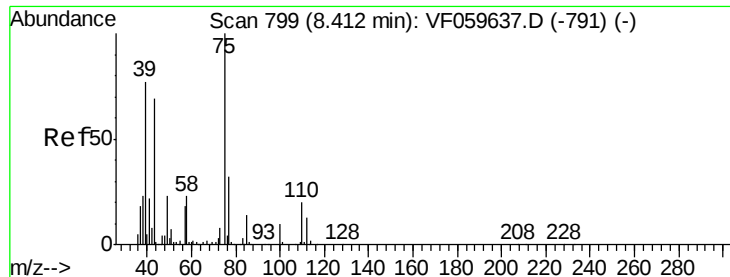
91 174.9 134.2 201.4



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 19.850 ug/l

RT: 8.42 min Scan# 800

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

VF0724SBS01

Tot Ion: 75 Resp: 61883

Ion Ratio Lower Upper

75 100

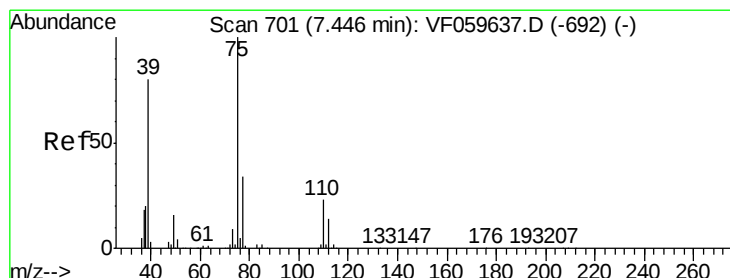
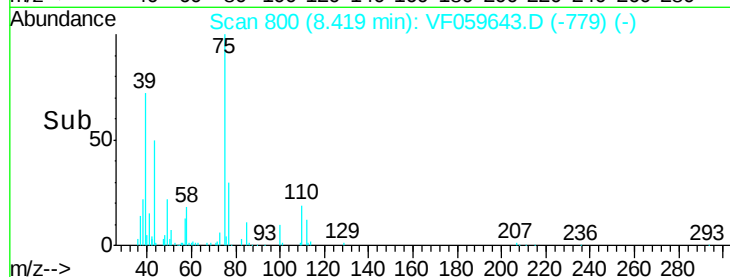
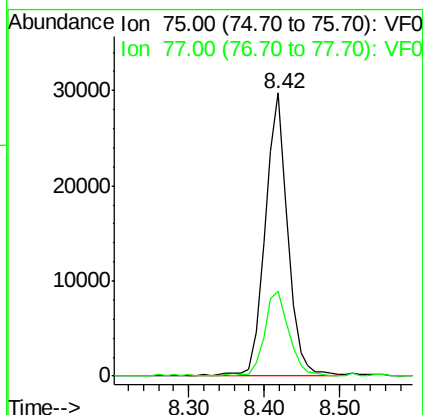
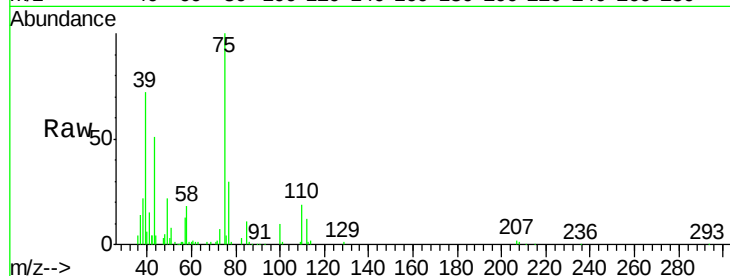
77 29.9 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 21.041 ug/l

RT: 7.44 min Scan# 701

Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

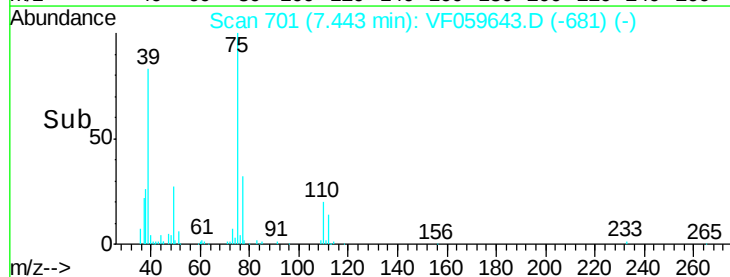
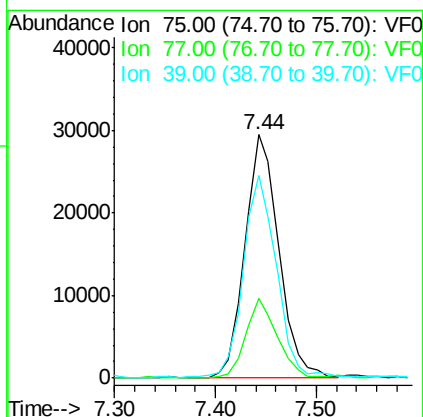
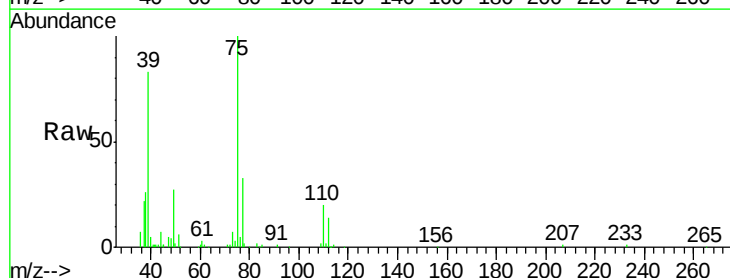
Tgt Ion: 75 Resp: 69340

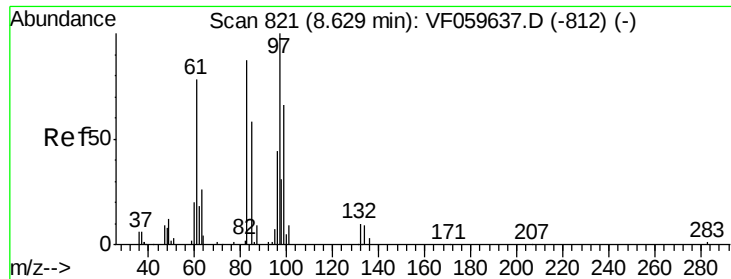
Ion Ratio Lower Upper

75 100

77 32.8 27.5 41.3

39 83.0 64.4 96.6





#55

1,1,2-Trichloroethane

Concen: 21.174 ug/l

RT: 8.63 min Scan# 821

Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

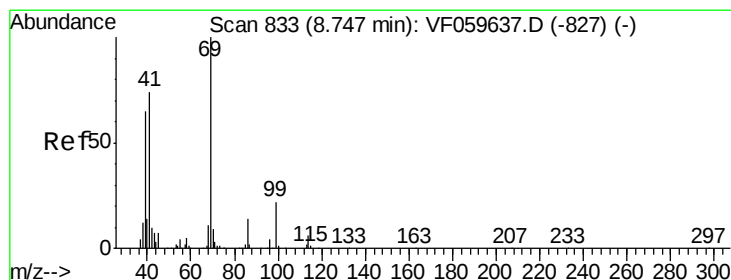
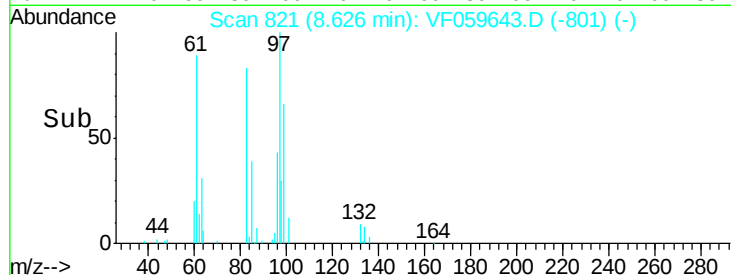
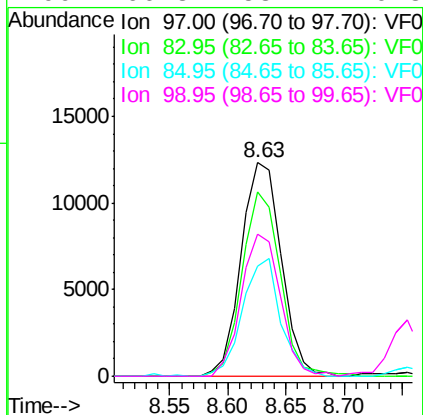
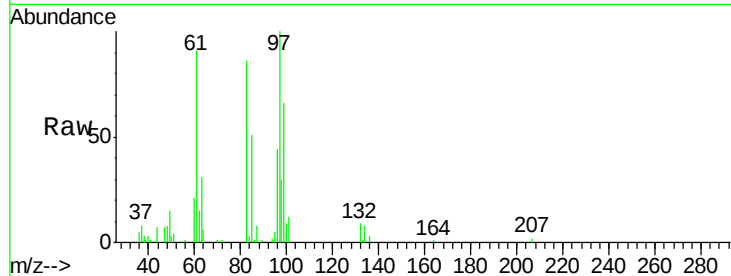
VF0724SBS01

Tot Ion:	97	Resp:	29540
Ion Ratio	Lower	Upper	
97	100		
83	86.0	69.5	104.3
85	51.3	46.0	69.0
99	66.3	53.2	79.8

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#56

Ethyl methacrylate

Concen: 19.735 ug/l

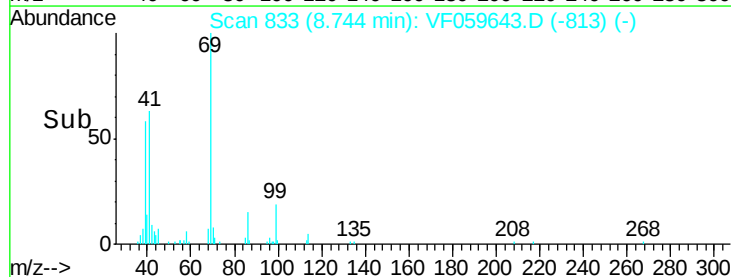
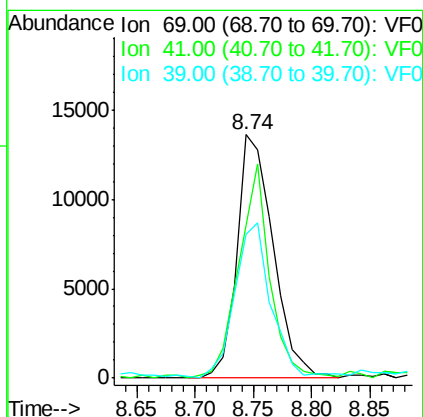
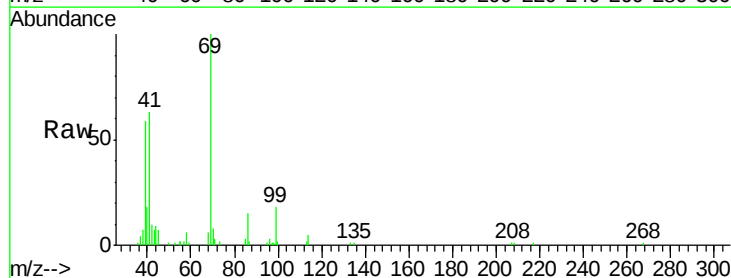
RT: 8.74 min Scan# 833

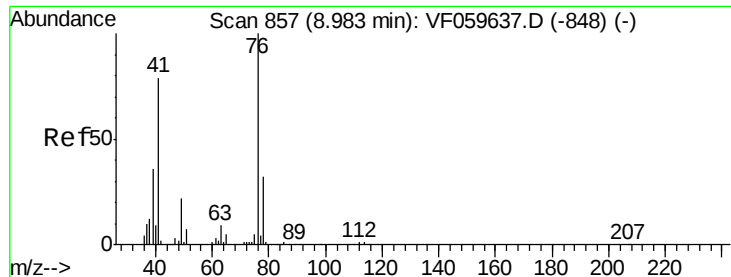
Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Tgt Ion:	69	Resp:	29431
Ion Ratio	Lower	Upper	
69	100		
41	62.6	59.1	88.7
39	59.1	52.4	78.6





#57

1,3-Dichloropropane

Concen: 21.083 ug/l

RT: 8.99 min Scan# 858

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

VF0724SBS01

Tot Ion: 76 Resp: 50357

Ion Ratio Lower Upper

76 100

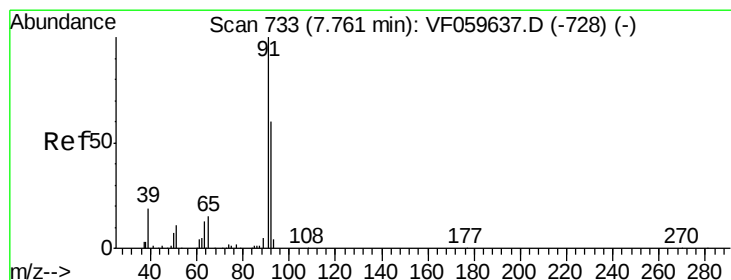
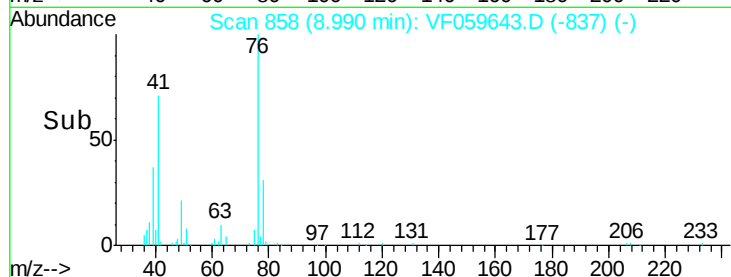
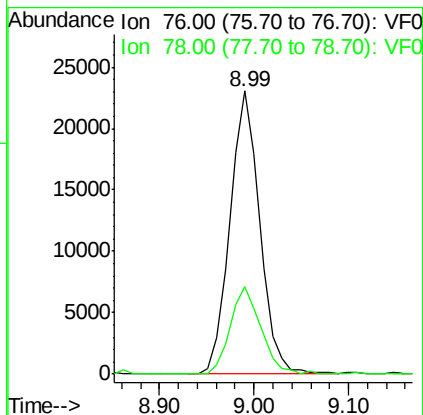
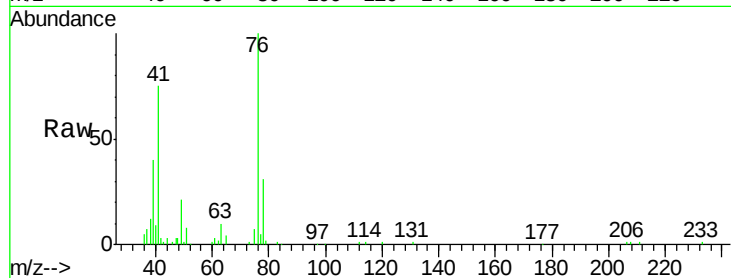
78 30.8 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 104.863 ug/l

RT: 7.77 min Scan# 734

Delta R.T. 0.01 min

Lab File: VF059643.D

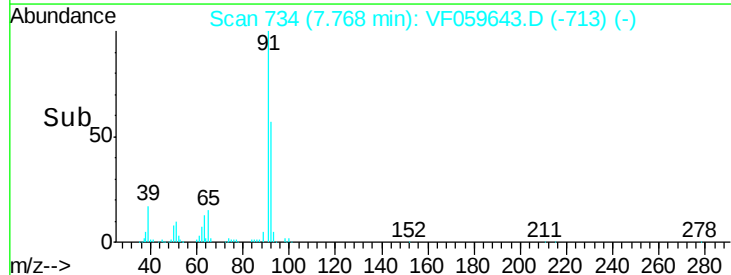
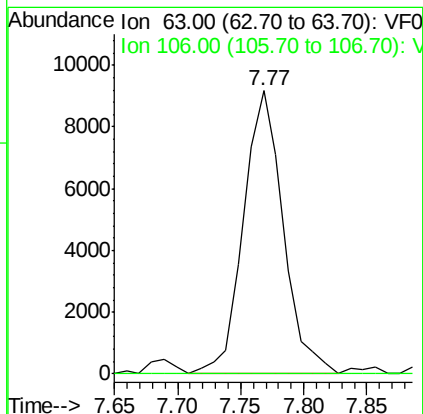
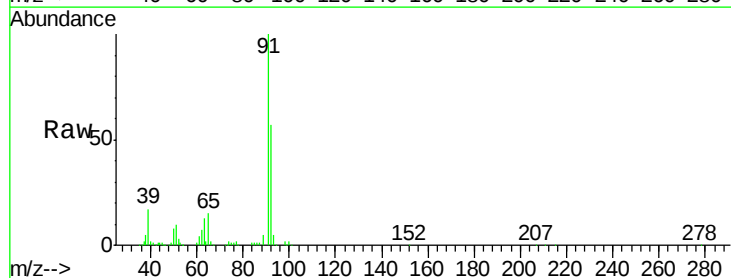
Acq: 24 Jul 2018 21:12

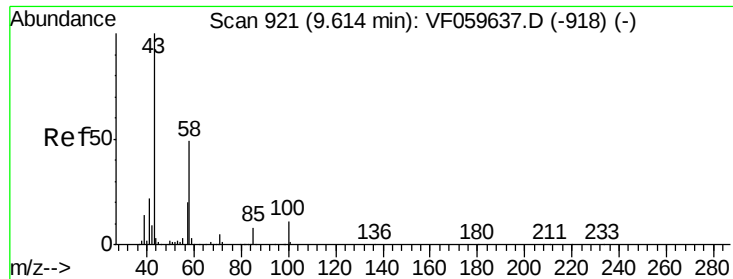
Tgt Ion: 63 Resp: 20073

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





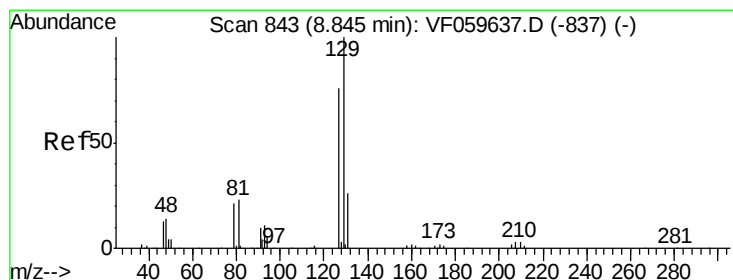
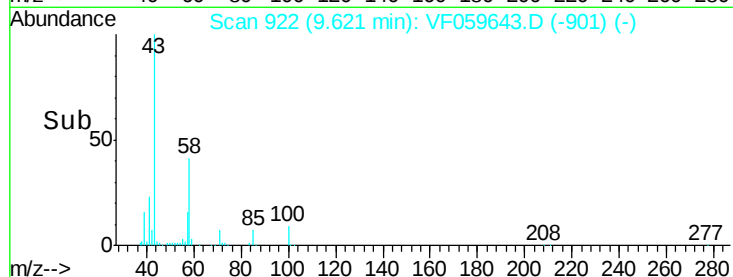
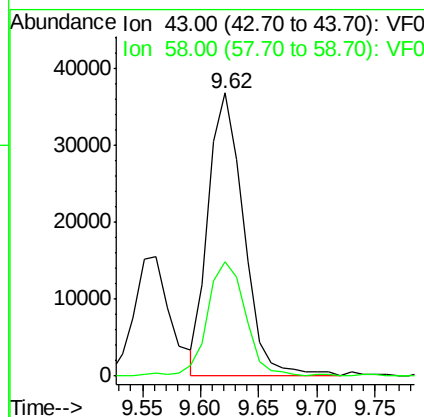
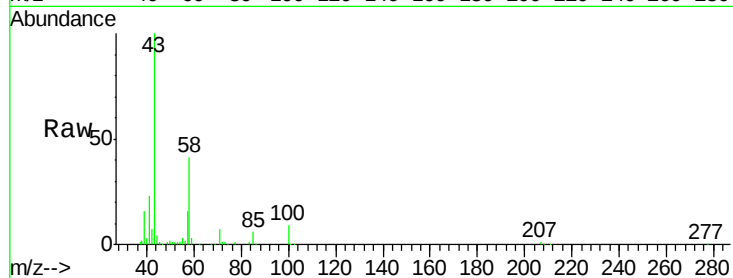
#59
2-Hexanone
Concen: 92.617 ug/l
RT: 9.62 min Scan# 922
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion: 43 Resp: 77331
Ion Ratio Lower Upper
43 100
58 40.5 23.6 71.0

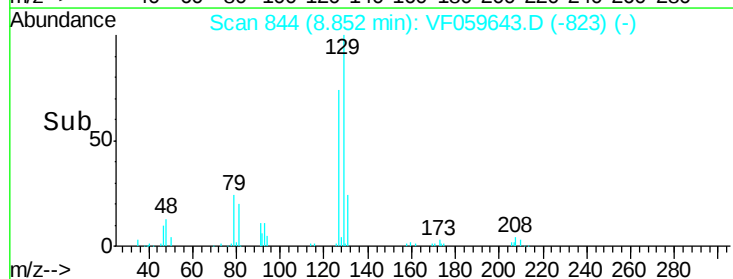
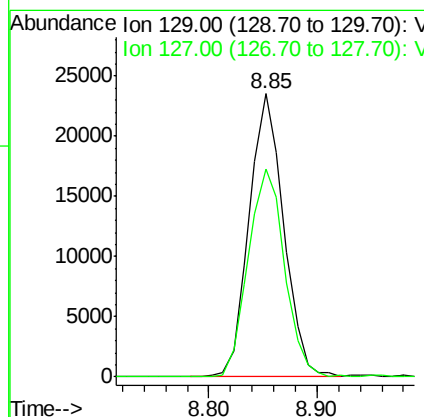
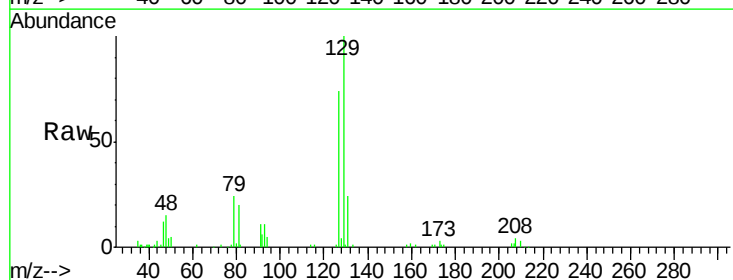
Manual Integrations
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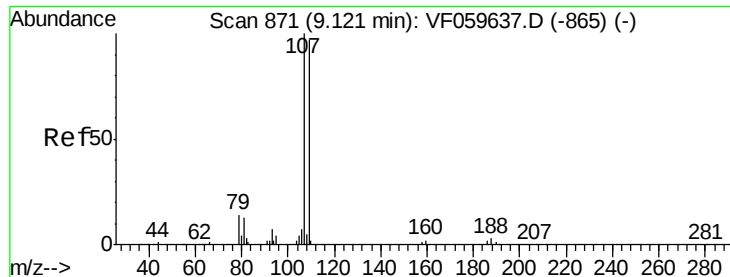
apatel
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#60
Dibromochloromethane
Concen: 20.268 ug/l
RT: 8.85 min Scan# 844
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion: 129 Resp: 52280
Ion Ratio Lower Upper
129 100
127 77.1 38.1 114.5





#61

1,2-Dibromoethane

Concen: 18.547 ug/l

RT: 9.13 min Scan# 872

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

VF0724SBS01

Tot Ion: 107 Resp: 31596

Ion Ratio Lower Upper

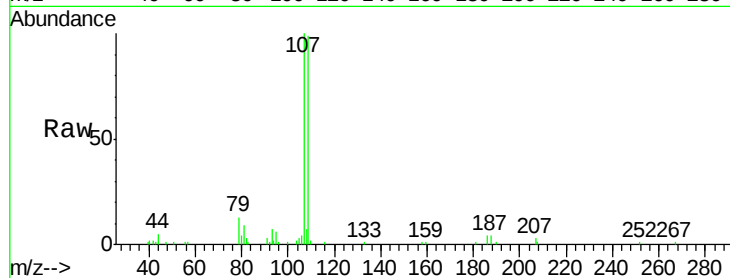
107 100

109 98.6 77.3 115.9

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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.13

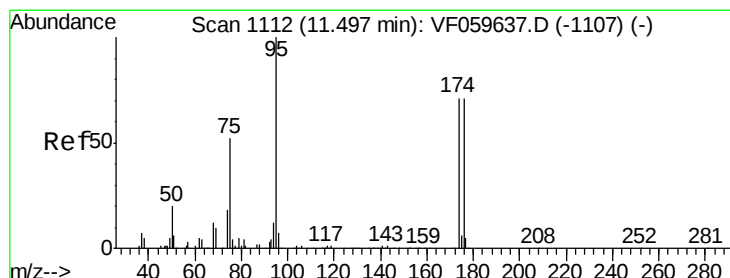
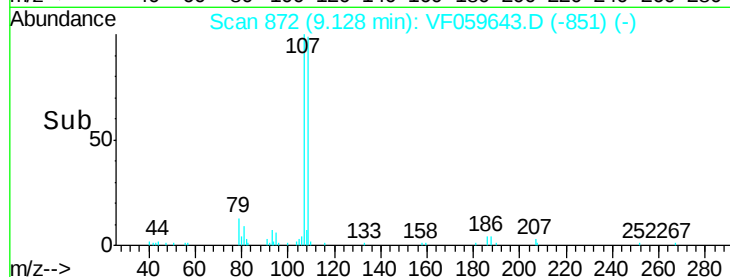
15000

10000

5000

0

Time--> 9.00 9.10 9.20



#62

4-Bromofluorobenzene

Concen: 51.713 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

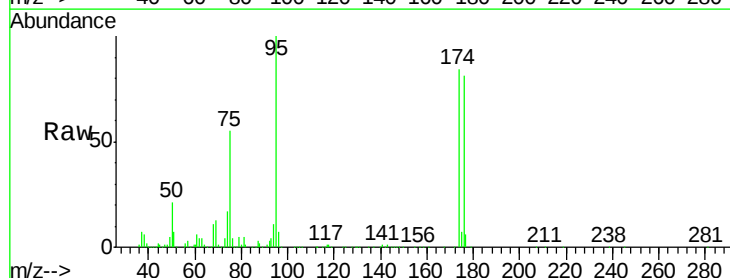
Tgt Ion: 95 Resp: 192432

Ion Ratio Lower Upper

95 100

174 83.6 0.0 141.8

176 80.9 0.0 142.0



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

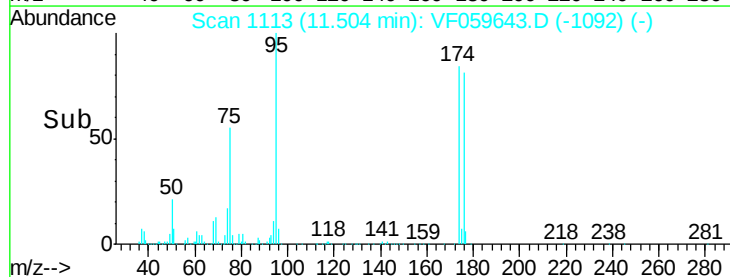
150000

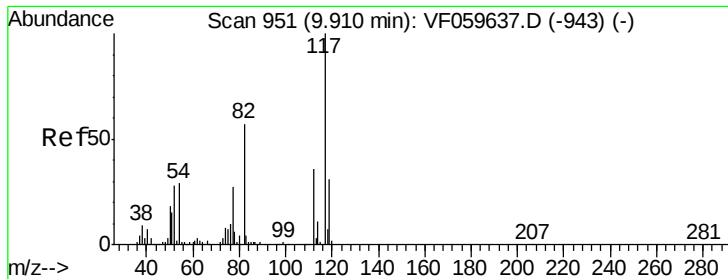
100000

50000

0

Time--> 11.40 11.50 11.60





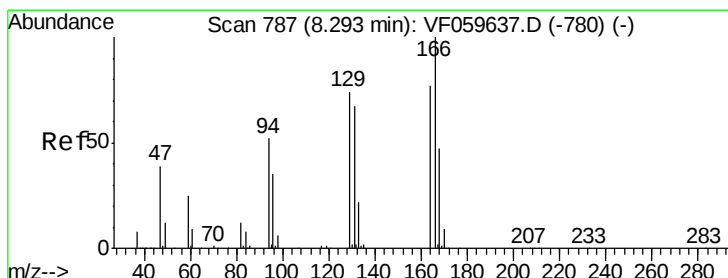
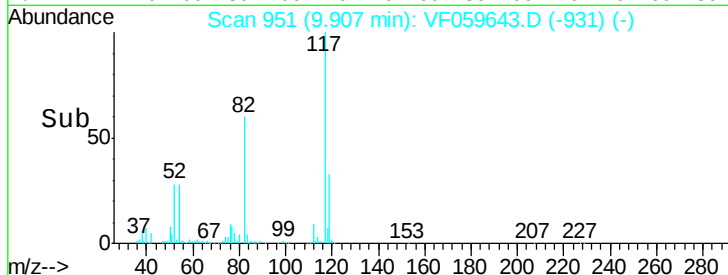
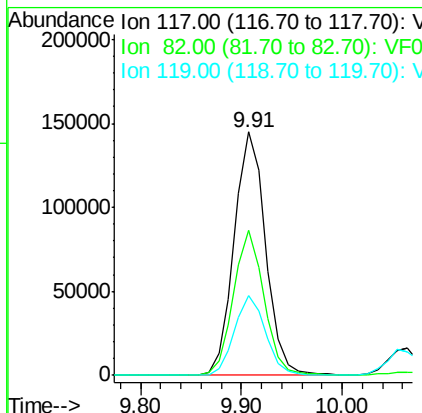
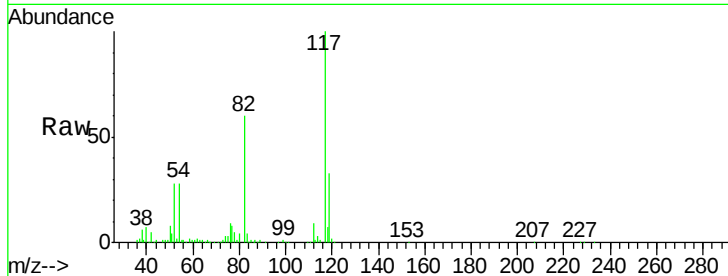
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 951
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	59.5	45.9	68.9	
119	32.9	25.1	37.7	

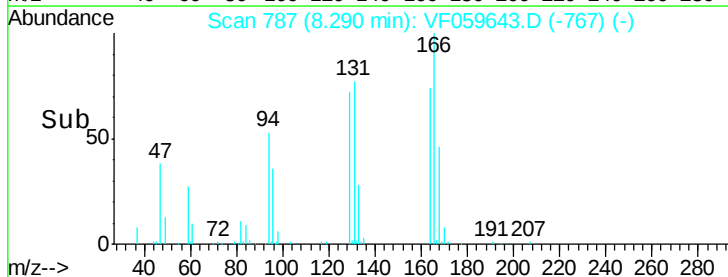
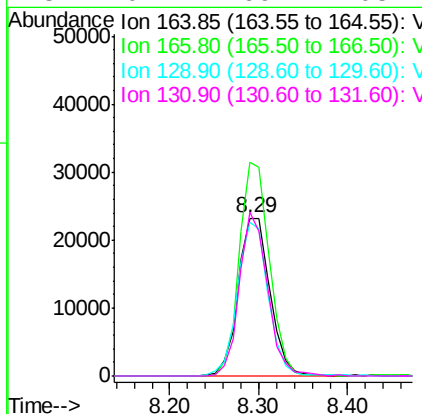
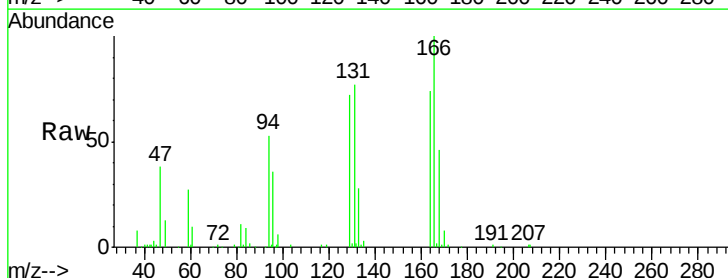
Manual Integrations
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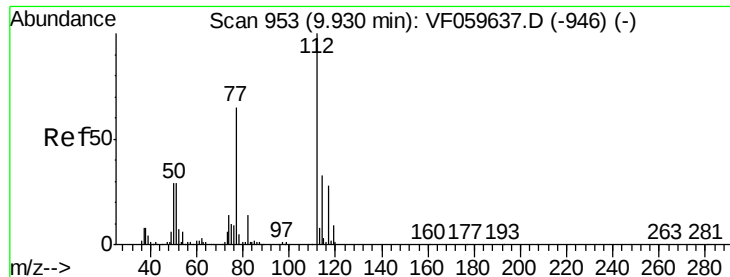
apatel
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#64
Tetrachloroethene
Concen: 23.098 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	135.5	103.3	154.9	
129	97.7	76.2	114.2	
131	104.1	69.1	103.7#	





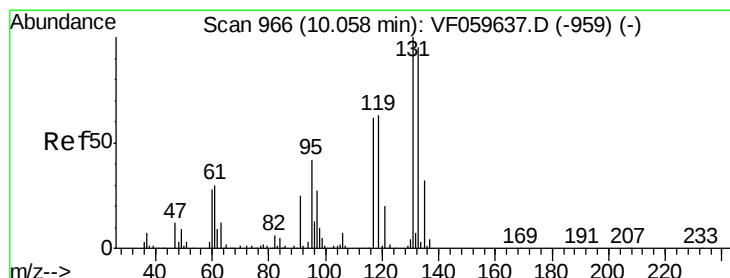
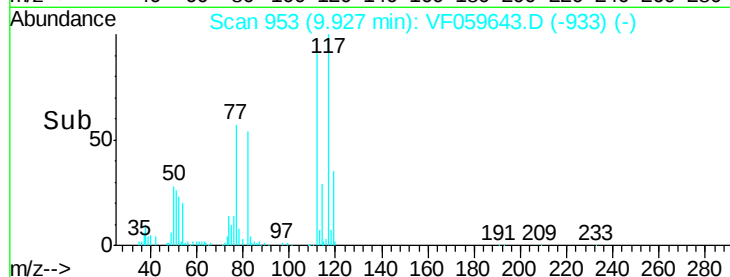
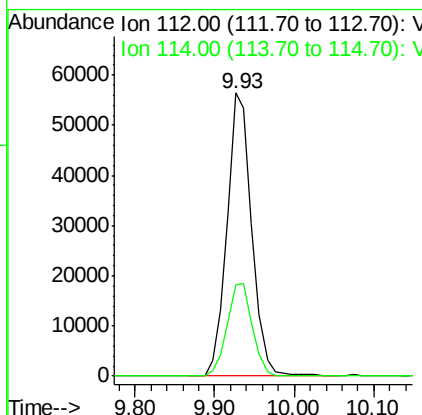
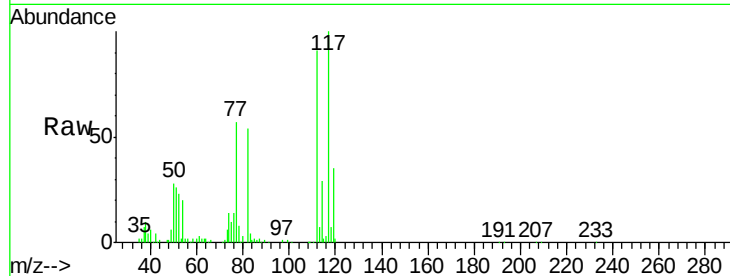
#65
Chlorobenzene
Concen: 21.133 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	26.4	39.6

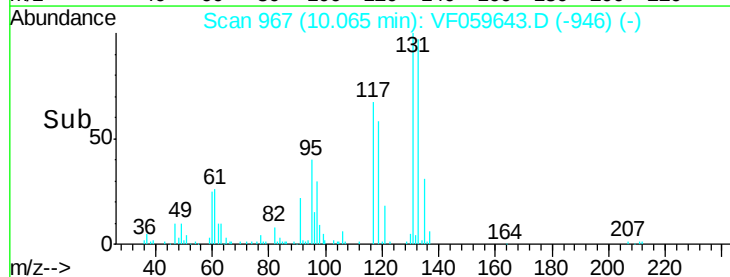
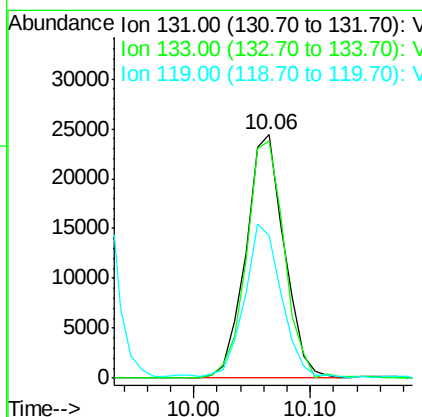
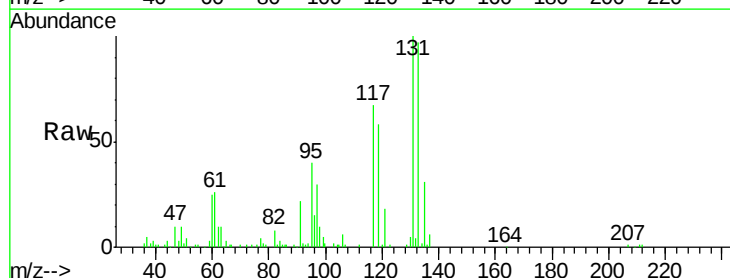
Manual Integrations
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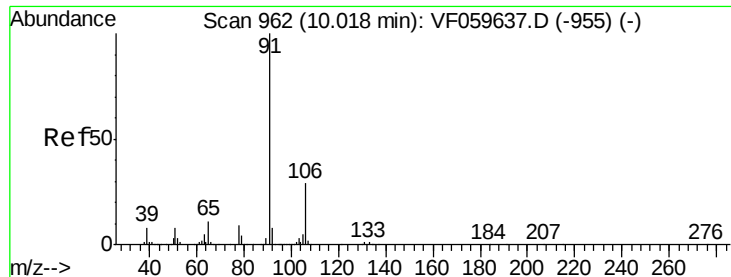
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.533 ug/l
RT: 10.06 min Scan# 967
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.5	47.5	142.6
119	58.3	31.8	95.4





#67

Ethyl Benzene

Concen: 22.351 ug/l

RT: 10.03 min Scan# 963

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

VF0724SBS01

Tot Ion: 91 Resp: 234207

Ion Ratio Lower Upper

91 100

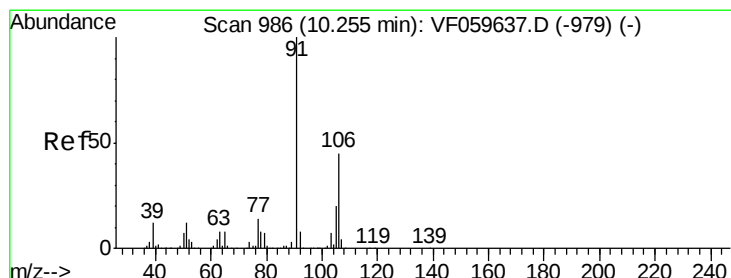
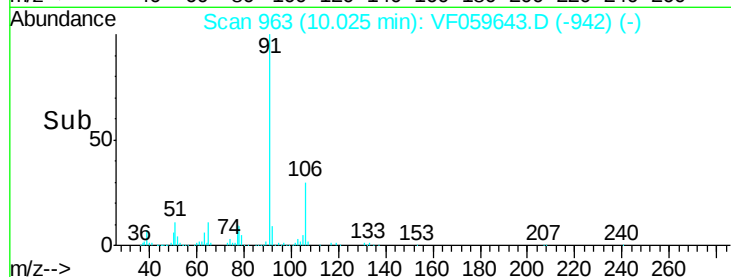
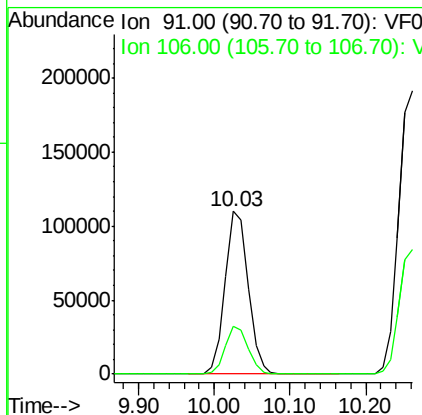
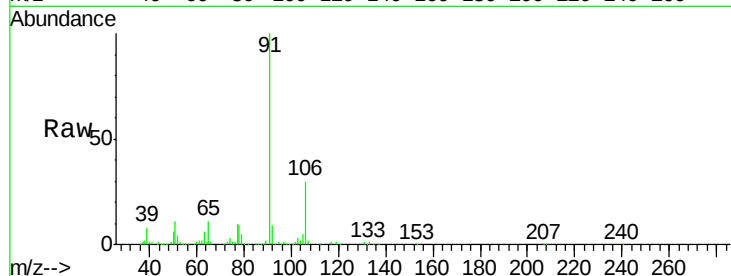
106 29.7 23.4 35.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 46.059 ug/l

RT: 10.26 min Scan# 987

Delta R.T. 0.01 min

Lab File: VF059643.D

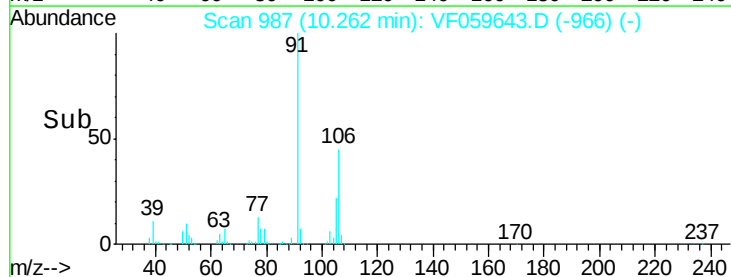
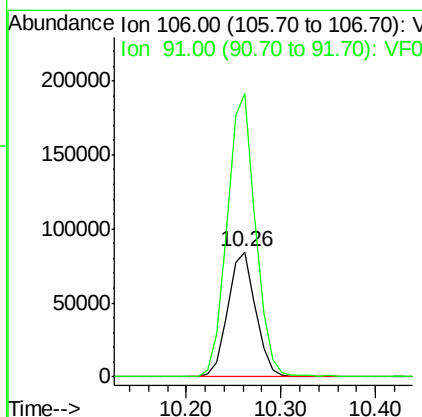
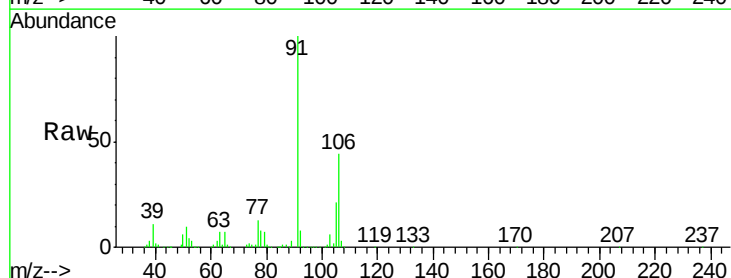
Acq: 24 Jul 2018 21:12

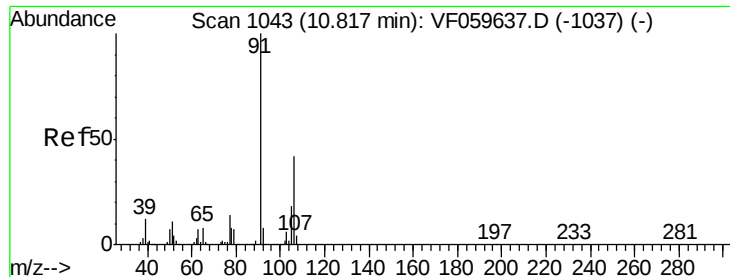
Tgt Ion: 106 Resp: 172440

Ion Ratio Lower Upper

106 100

91 226.7 177.8 266.8





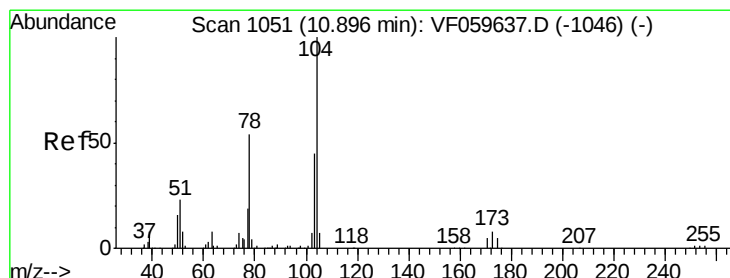
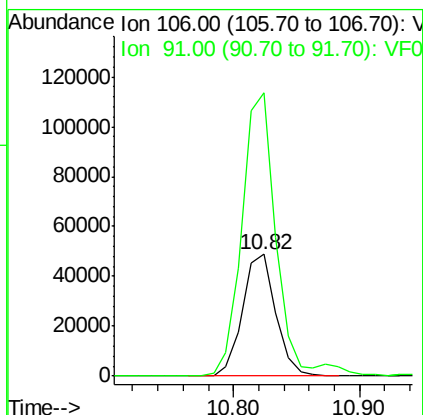
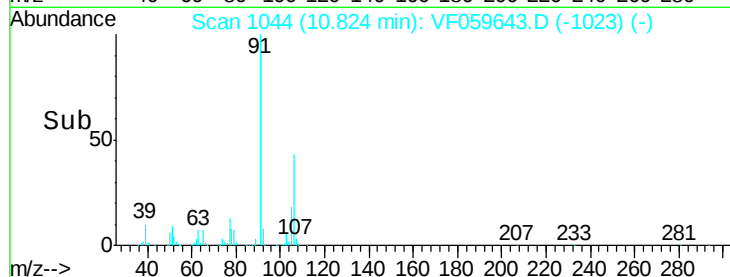
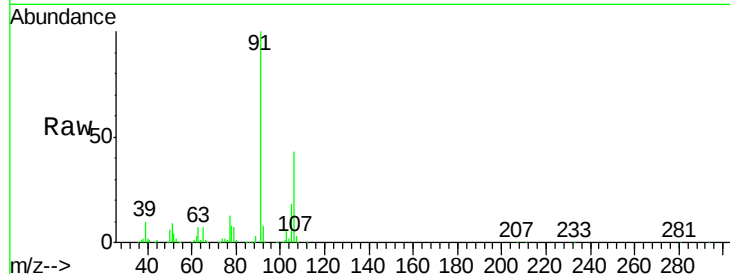
#69
o-Xylene
Concen: 22.551 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion:106 Resp: 89874
Ion Ratio Lower Upper
106 100
91 232.0 119.3 357.9

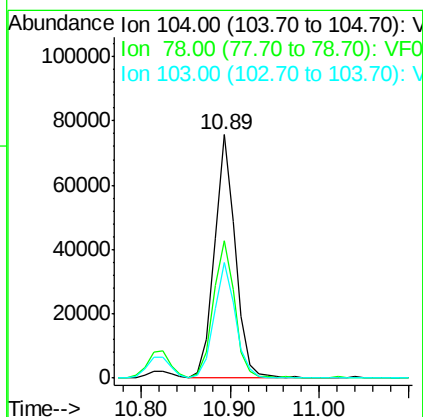
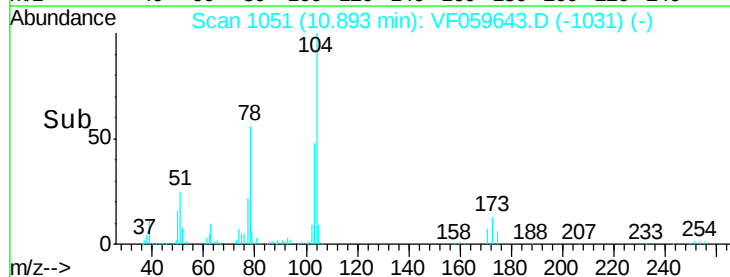
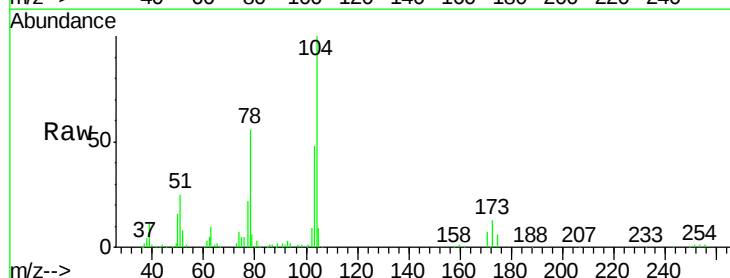
Manual Integrations
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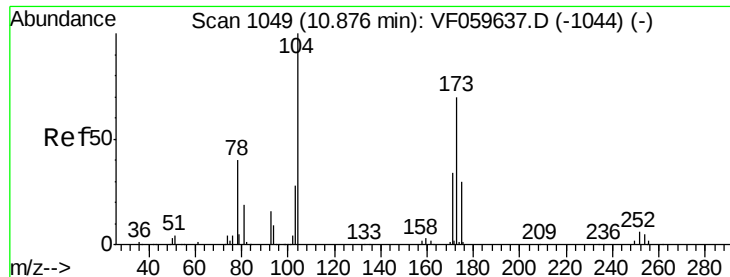
apatel
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#70
Styrene
Concen: 21.503 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion:104 Resp: 123762
Ion Ratio Lower Upper
104 100
78 56.4 43.4 65.2
103 47.7 36.7 55.1





#71

Bromoform

Concen: 20.221 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

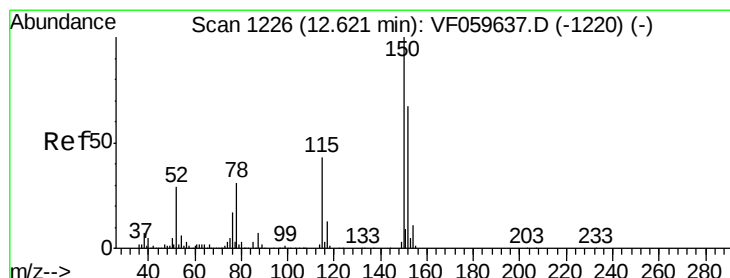
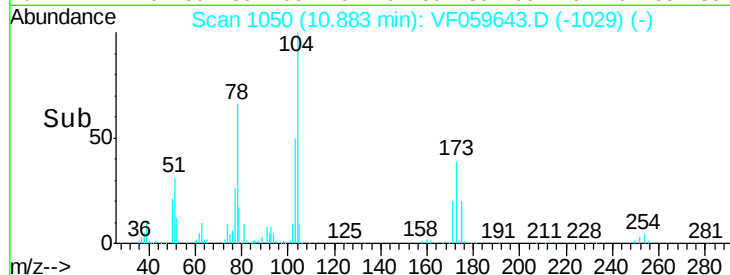
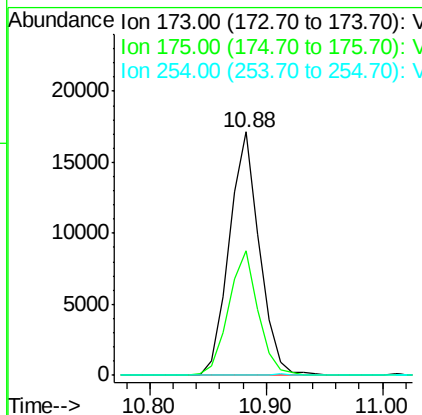
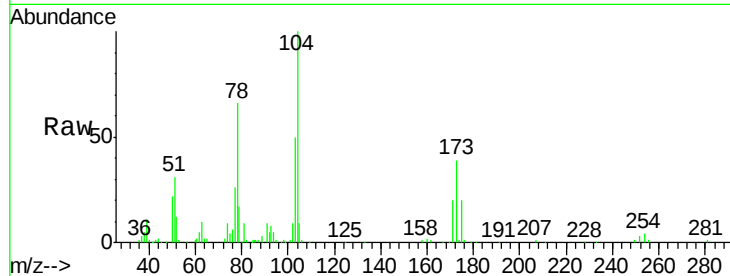
ClientSampleId :

VF0724SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.3	21.6	65.0
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

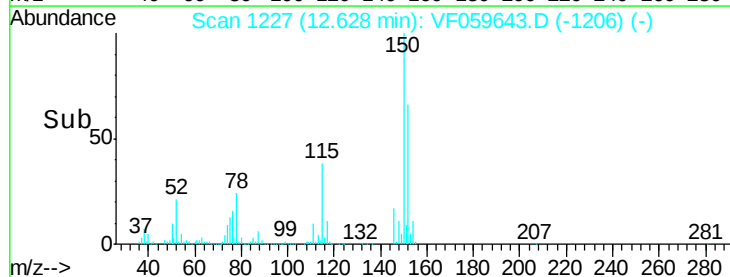
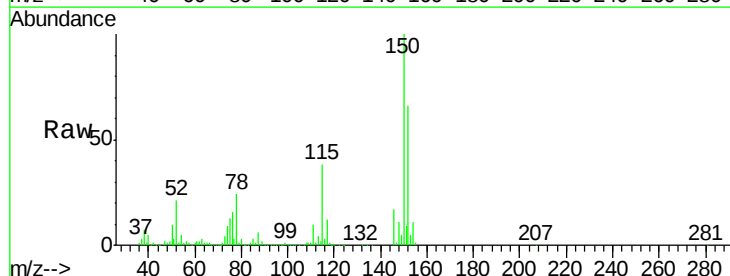
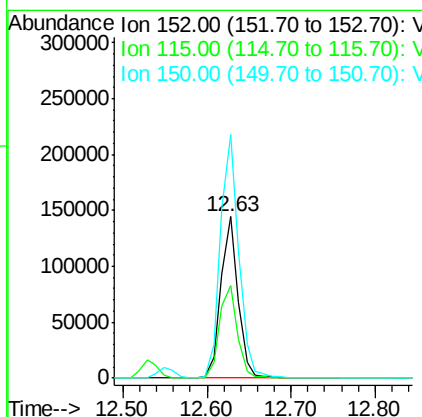
RT: 12.63 min Scan# 1227

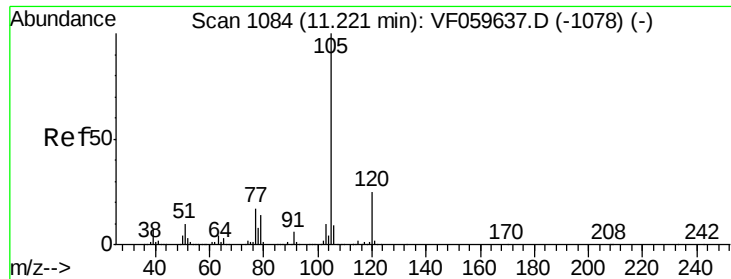
Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	32.0	96.2
150	151.1	0.0	313.2





#73

Isopropylbenzene

Concen: 22.690 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

ClientSampleId :

VF0724SBS01

Tot Ion:105 Resp: 292443

Ion Ratio Lower Upper

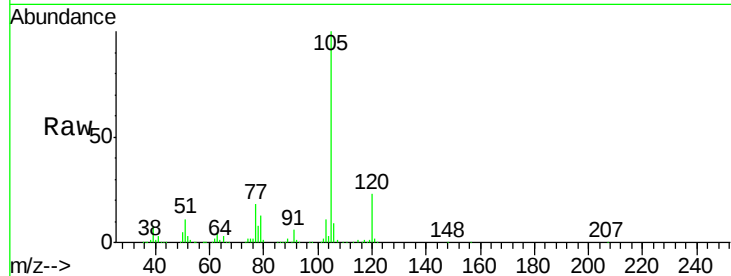
105 100

120 23.5 12.6 37.8

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

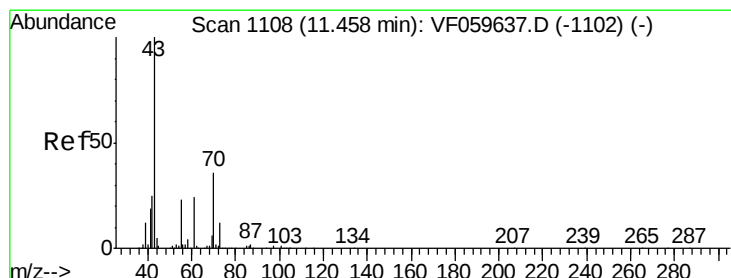
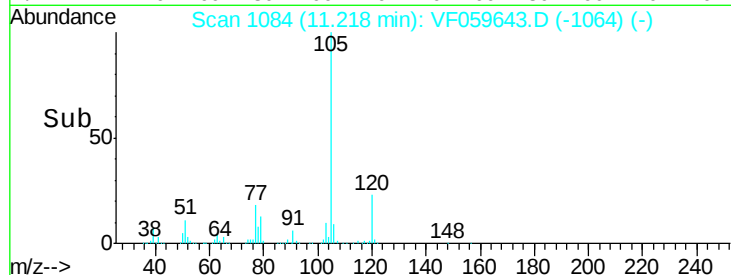
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.420 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Tgt Ion: 43 Resp: 50906

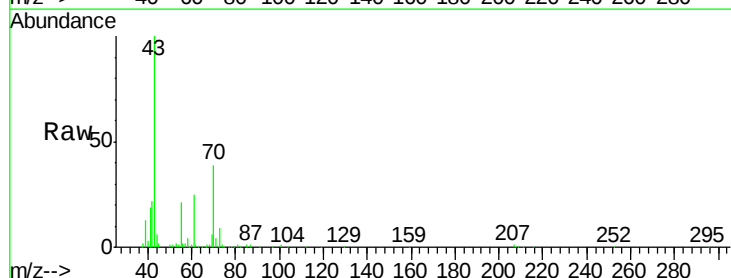
Ion Ratio Lower Upper

43 100

70 38.6 29.4 44.0

55 21.2 18.2 27.4

61 24.6 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

50000

40000

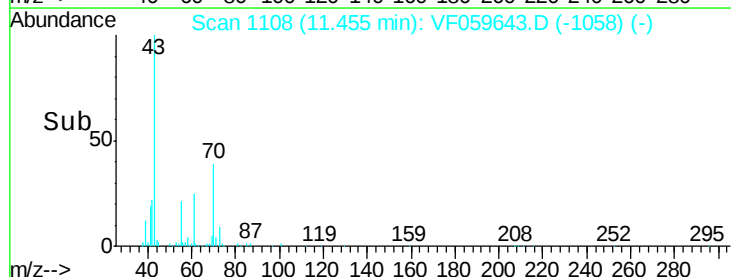
30000

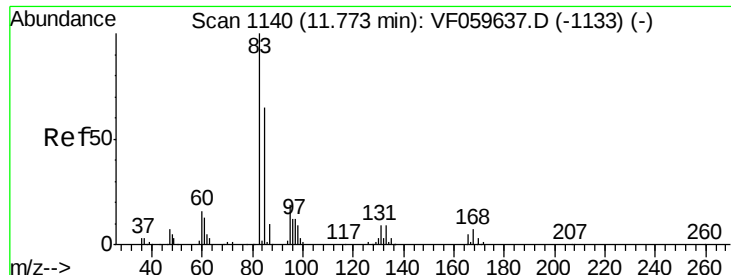
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.525 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

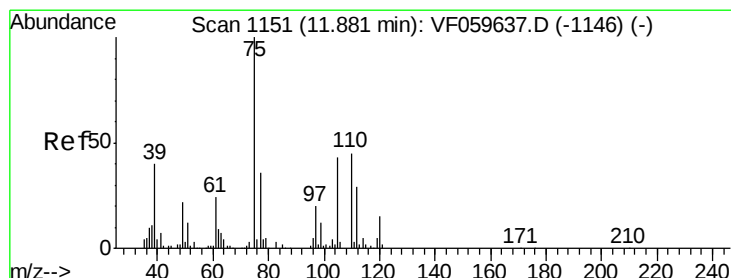
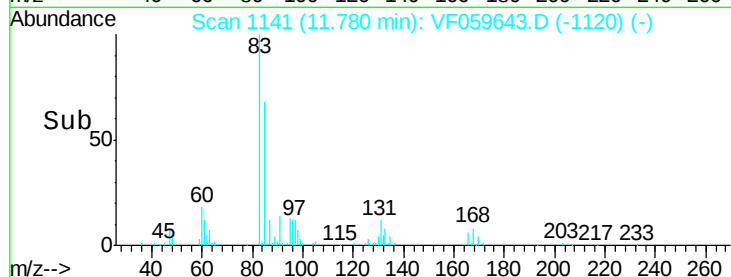
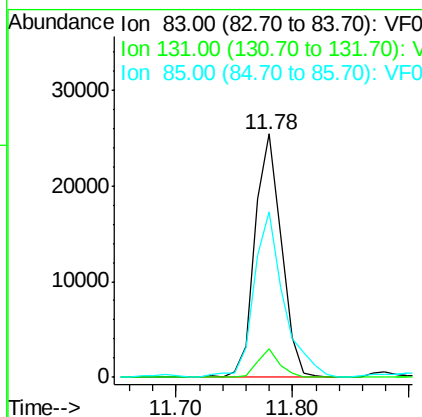
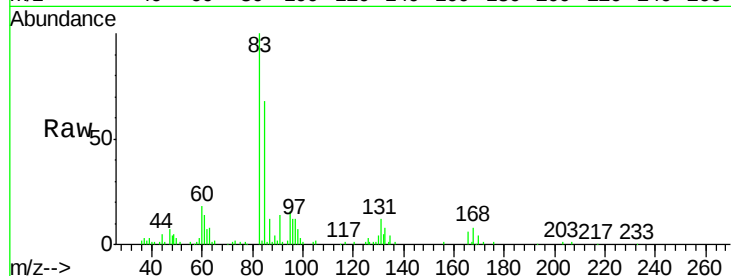
ClientSampleId :

VF0724SBS01

Tot Ion:	83	Resp:	40060
Ion Ratio	Lower	Upper	
83	100		
131	11.7	4.5	13.5
85	68.1	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 20.457 ug/l

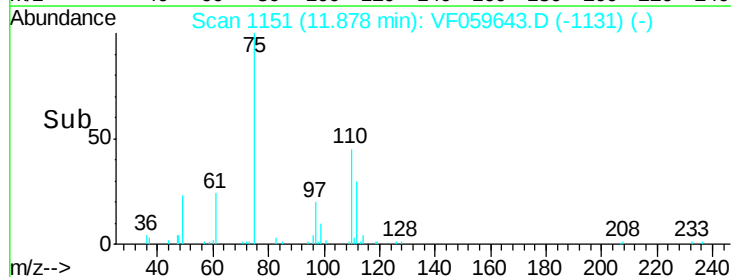
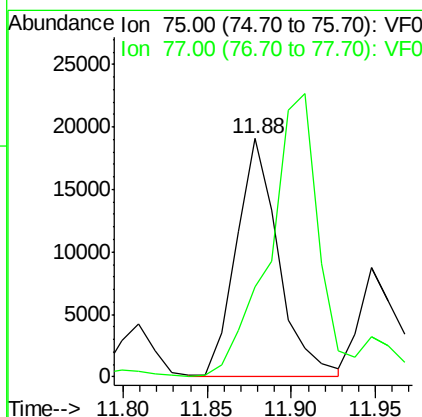
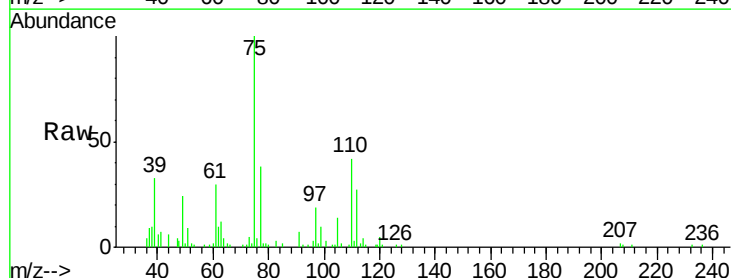
RT: 11.88 min Scan# 1151

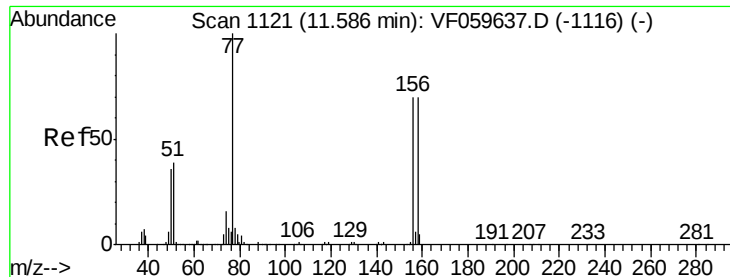
Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Tgt Ion:	75	Resp:	32979
Ion Ratio	Lower	Upper	
75	100		
77	38.0	18.4	55.0





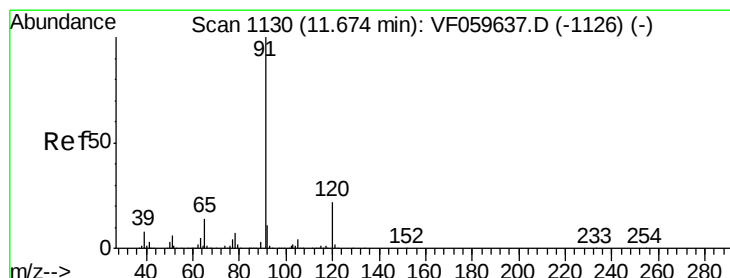
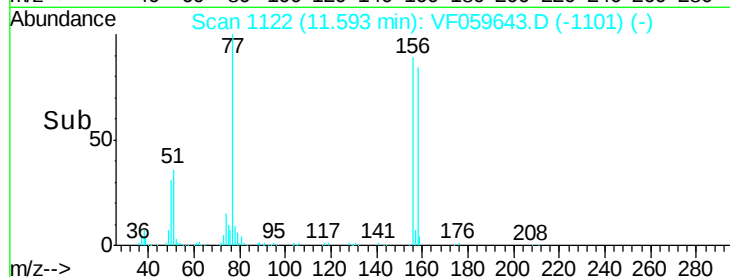
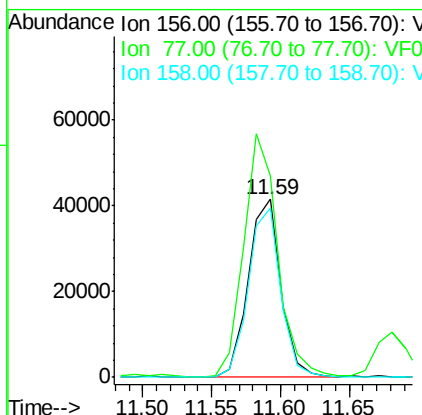
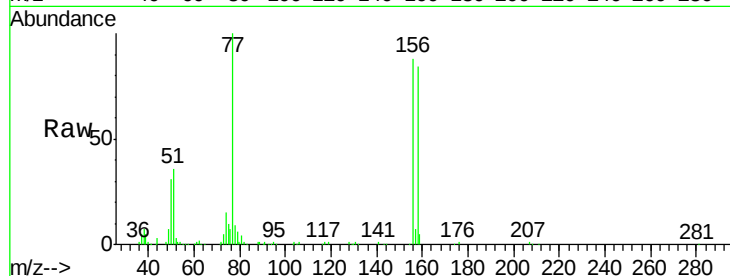
#77
Bromobenzene
Concen: 21.762 ug/l
RT: 11.59 min Scan# 1122
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	113.2	71.5	214.3
158	95.0	50.0	149.8

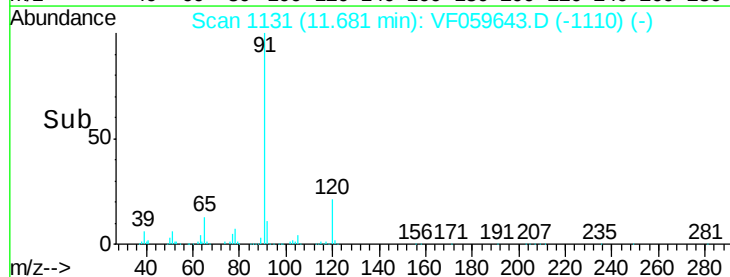
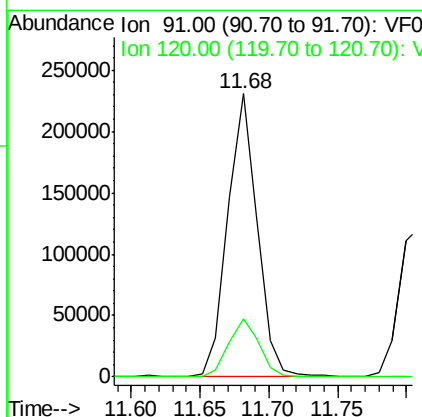
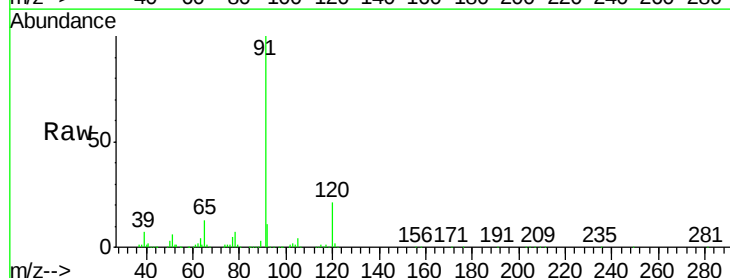
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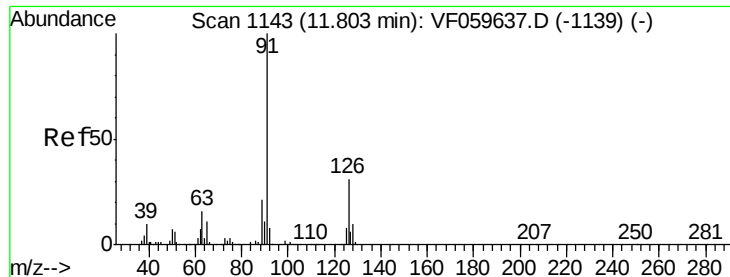
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#78
n-propylbenzene
Concen: 22.395 ug/l
RT: 11.68 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
91	100		
120	20.6	10.8	32.4





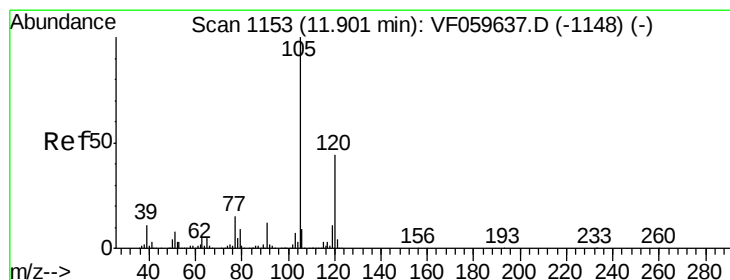
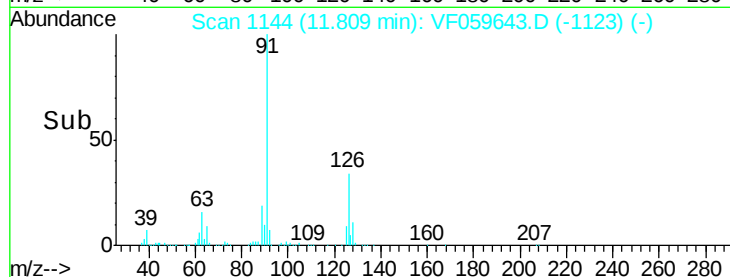
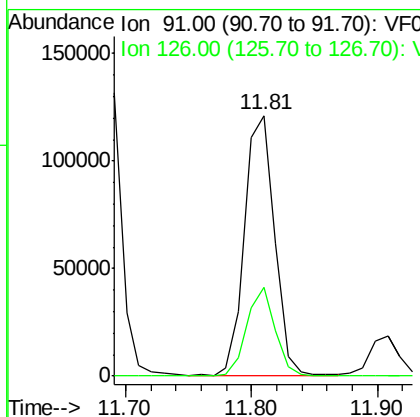
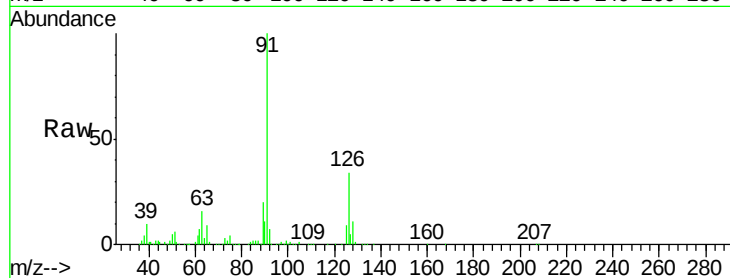
#79
 2-Chlorotoluene
 Concen: 21.508 ug/l
 RT: 11.81 min Scan# 1144
 Delta R.T. 0.01 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0724SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	91	100	198591		
126	126	34.0	15.4	46.4	

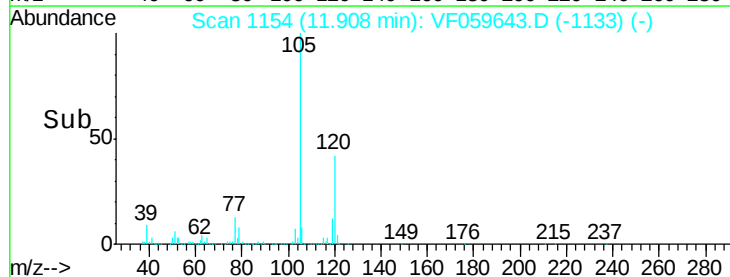
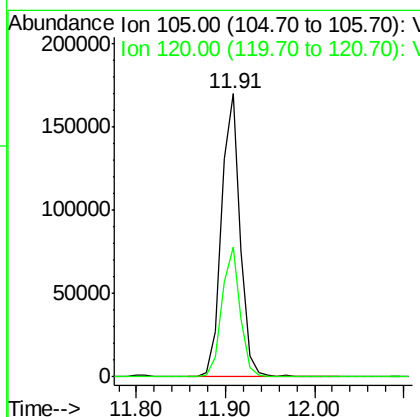
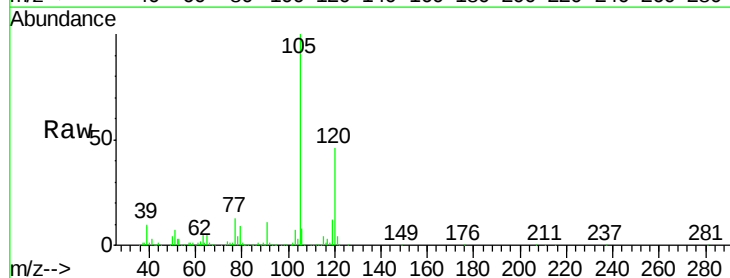
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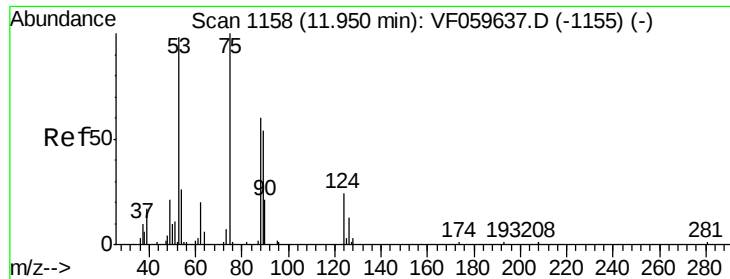
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.976 ug/l
 RT: 11.91 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	251632		
120	120	46.0	21.8	65.4	





#81

trans-1,4-Dichloro-2-butene

Concen: 20.211 ug/l

RT: 11.95 min Scan# 1158

Delta R.T. -0.00 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

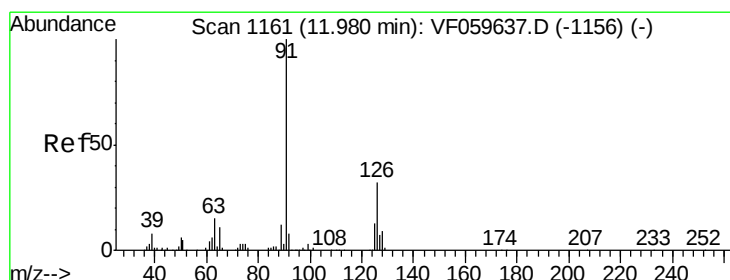
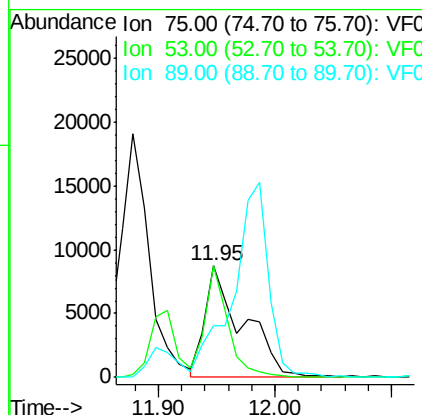
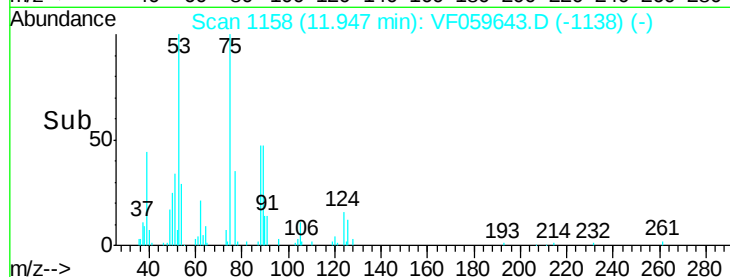
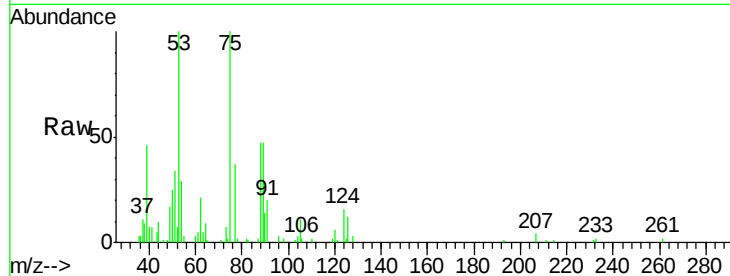
ClientSampleId :

VF0724SBS01

Tot Ion:	75	Resp:	20056
Ion Ratio	Lower	Upper	
75	100		
53	100.3	82.3	123.5
89	47.0	48.2	72.2#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.510 ug/l

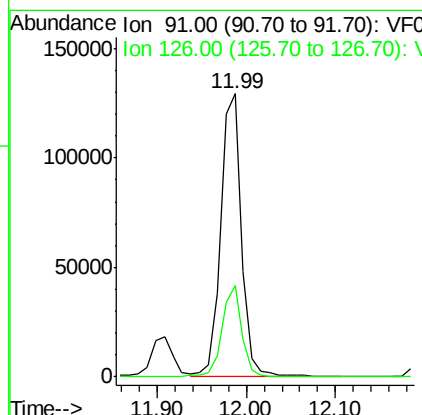
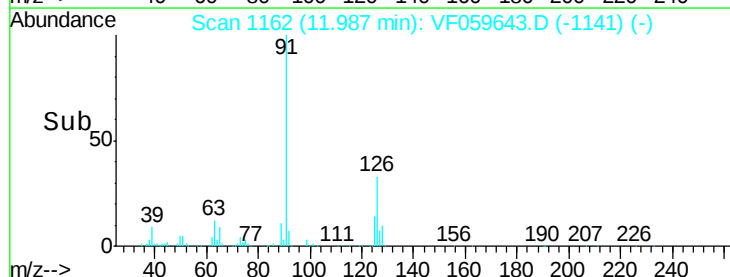
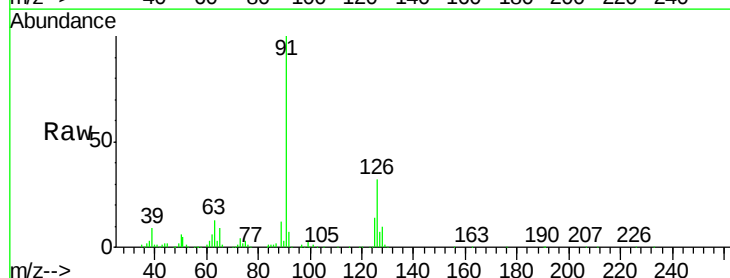
RT: 11.99 min Scan# 1162

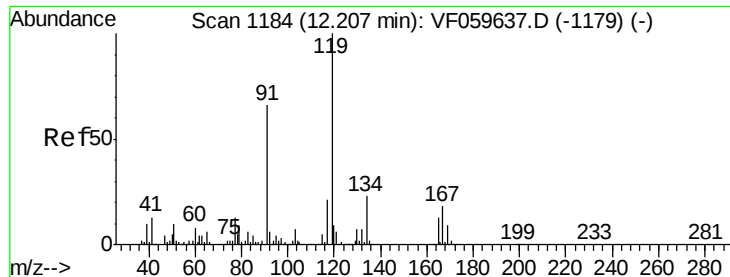
Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Tgt Ion:	91	Resp:	211935
Ion Ratio	Lower	Upper	
91	100		
126	32.3	16.1	48.2





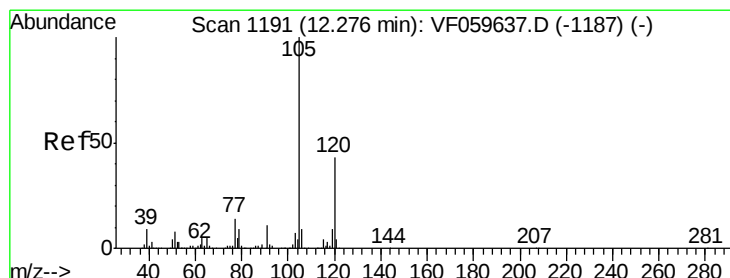
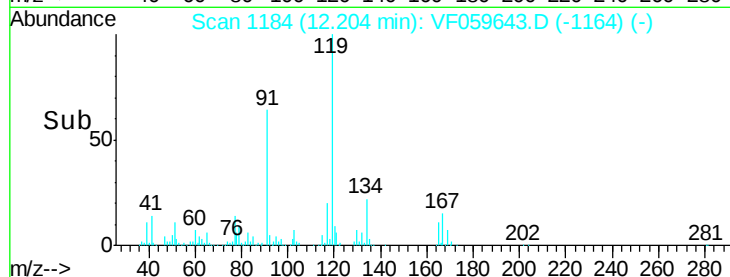
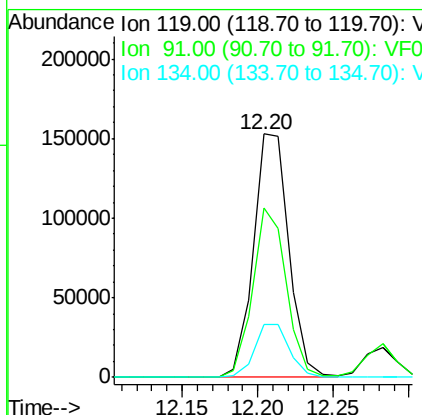
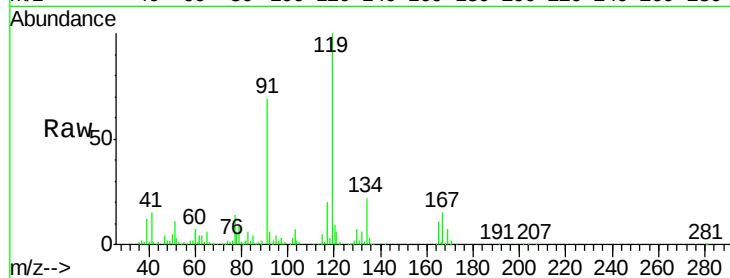
#83
 tert-Butylbenzene
 Concen: 21.660 ug/l
 RT: 12.20 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	250044		
91	69.4		33.2	99.6
134	21.6		11.5	34.4

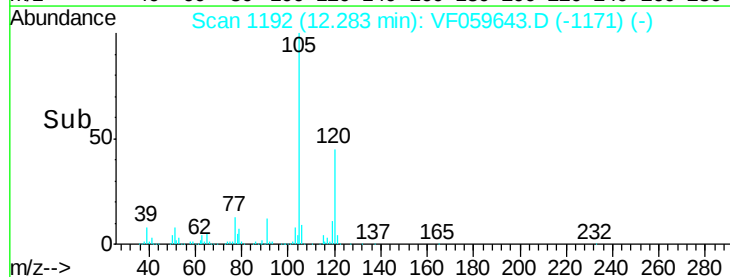
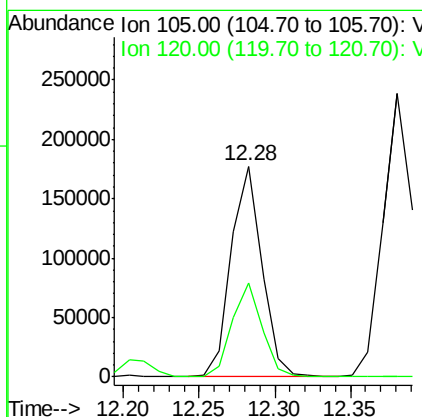
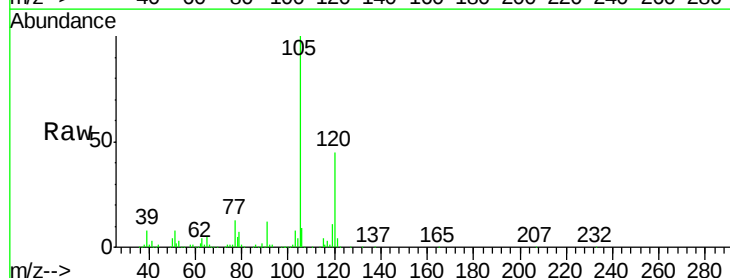
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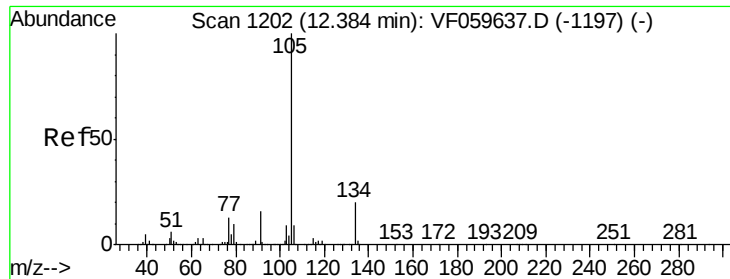
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.483 ug/l
 RT: 12.28 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	252481		
120	44.5		21.4	64.2





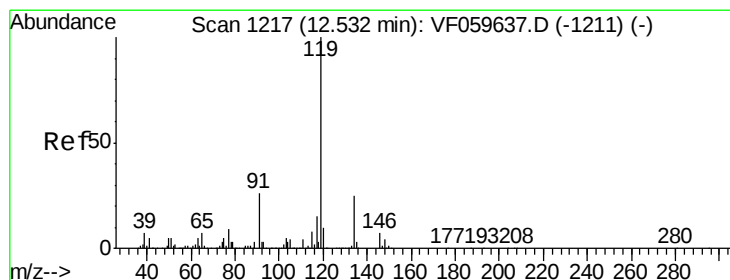
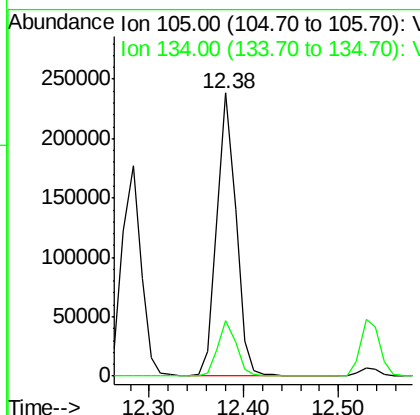
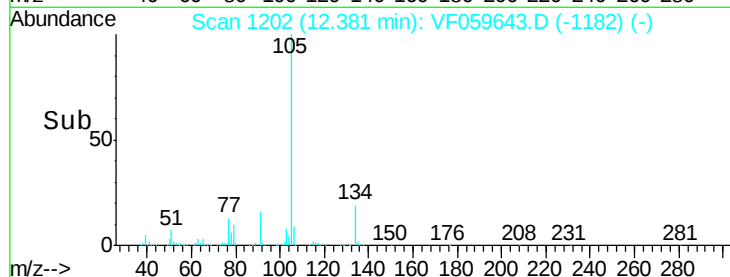
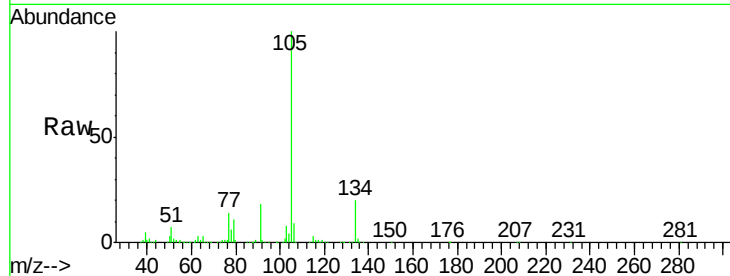
#85
 sec-Butylbenzene
 Concen: 21.752 ug/l
 RT: 12.38 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Instrument :
 MSVOA_F
 ClientSampleID :
 VF0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	334784		
134	19.7	9.9	29.7	

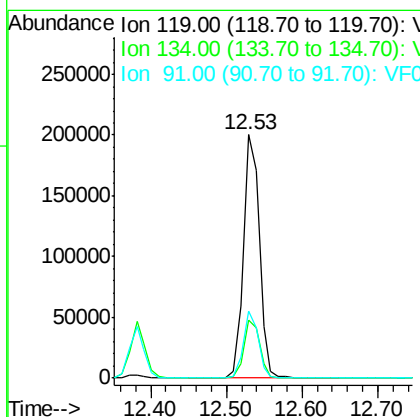
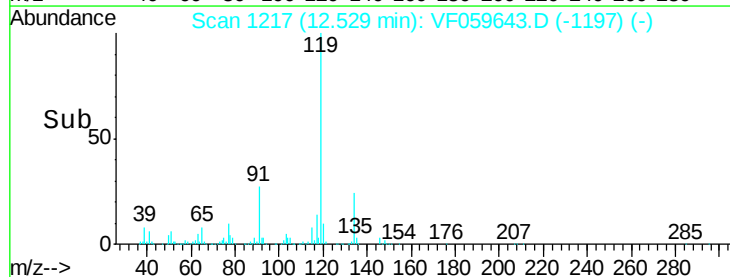
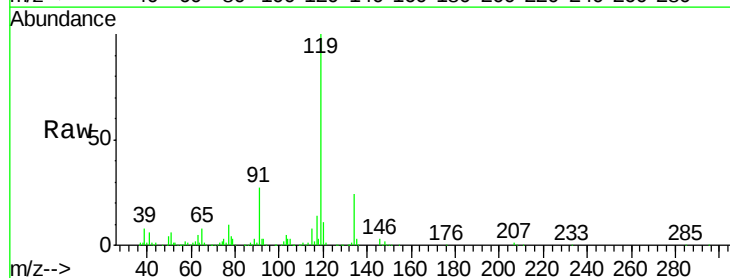
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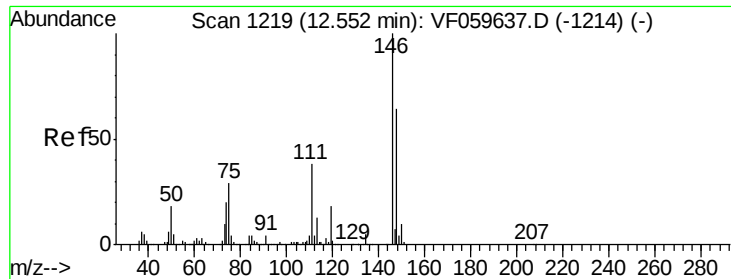
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#86
 p-Isopropyltoluene
 Concen: 21.638 ug/l
 RT: 12.53 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	289920		
134	23.7	12.4	37.0	
91	27.3	13.1	39.1	





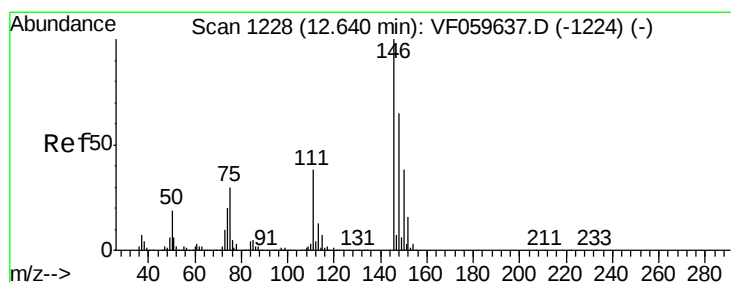
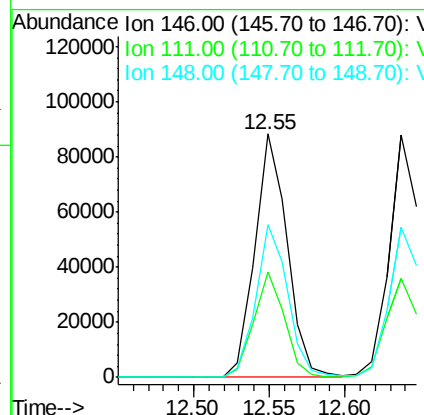
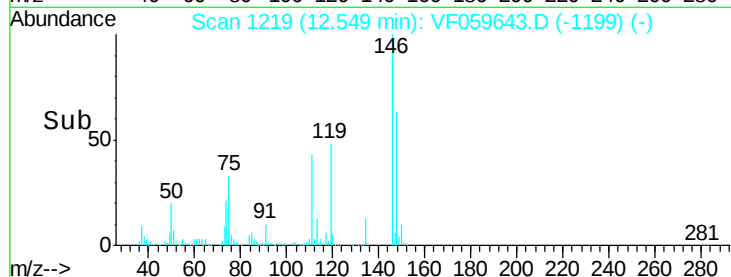
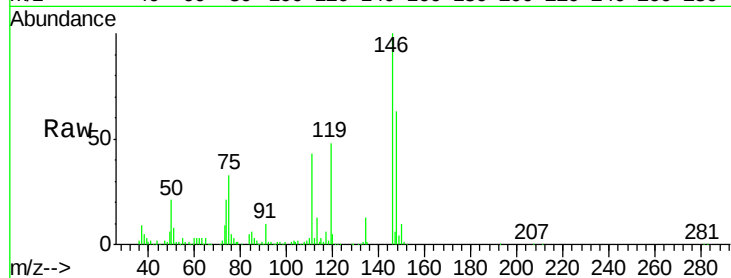
#87
 1,3-Dichlorobenzene
 Concen: 20.633 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0724SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	19.1	57.1
148	62.9	31.9	95.9

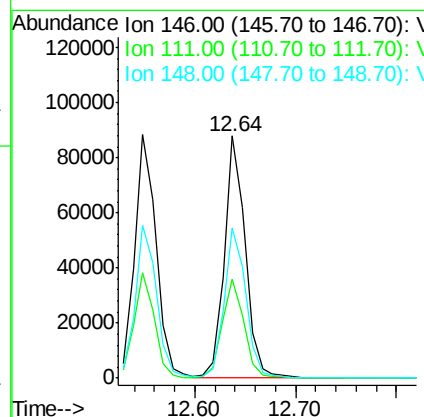
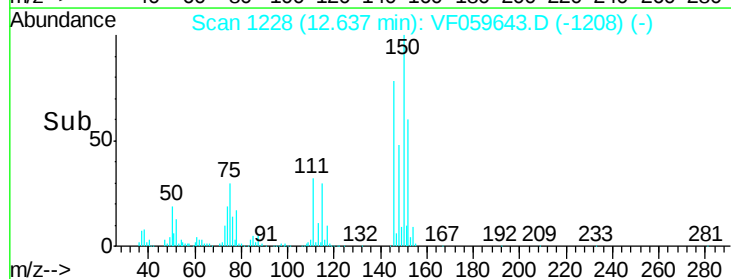
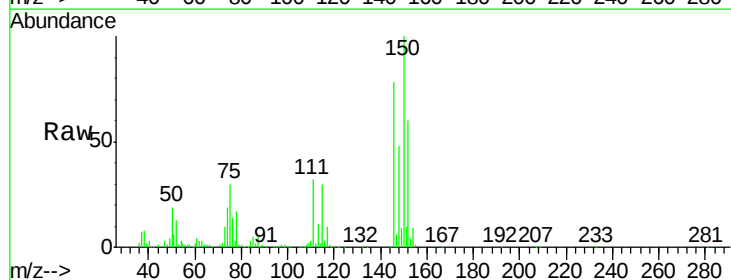
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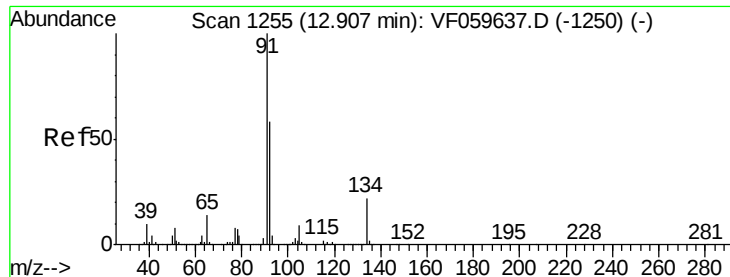
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#88
 1,4-Dichlorobenzene
 Concen: 20.890 ug/l
 RT: 12.64 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.1	57.1
148	62.0	32.4	97.2





#89

n-Butylbenzene

Concen: 22.488 ug/l

RT: 12.91 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Instrument :

MSVOA_F

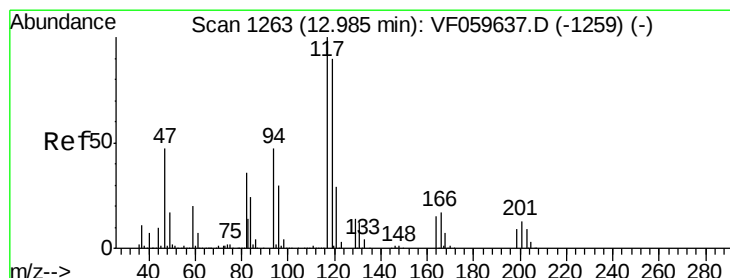
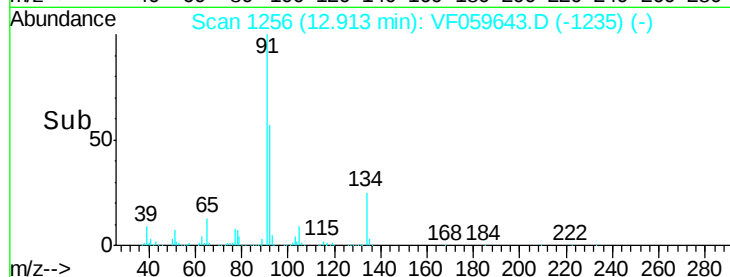
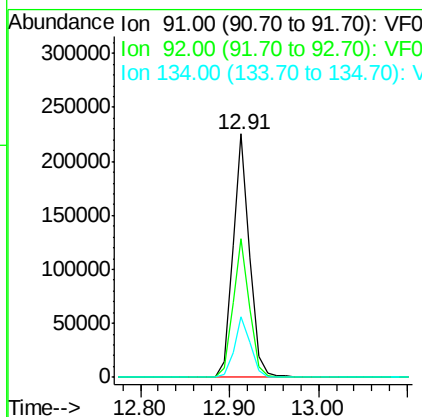
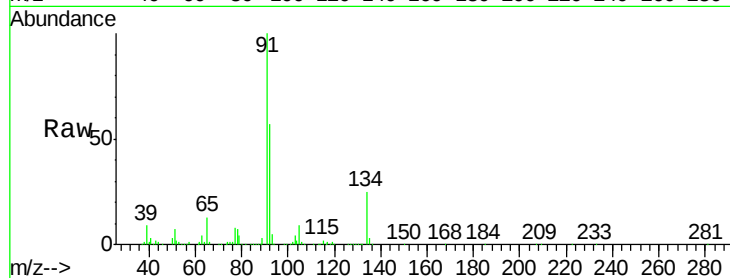
ClientSampleId :

VF0724SBS01

Tot Ion:	91	Resp:	297210
Ion Ratio	Lower	Upper	
91	100		
92	57.1	29.1	87.3
134	25.0	11.2	33.6

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#90

Hexachloroethane

Concen: 20.864 ug/l

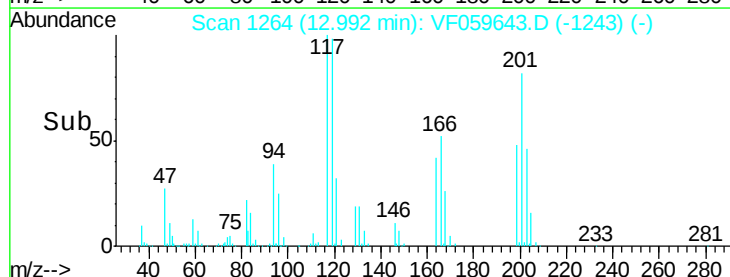
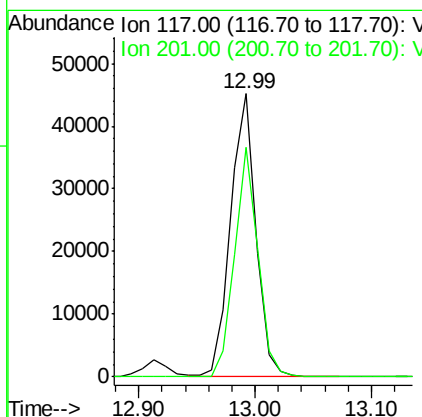
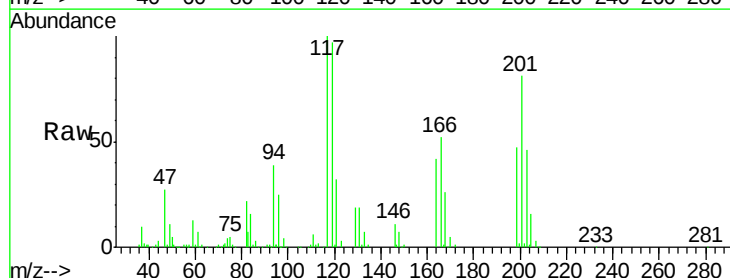
RT: 12.99 min Scan# 1264

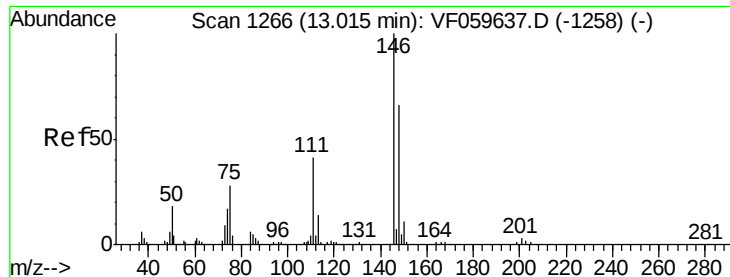
Delta R.T. 0.01 min

Lab File: VF059643.D

Acq: 24 Jul 2018 21:12

Tgt Ion:	117	Resp:	68195
Ion Ratio	Lower	Upper	
117	100		
201	83.4	6.6	19.7#





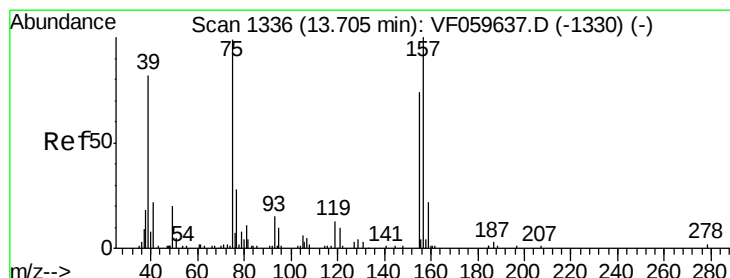
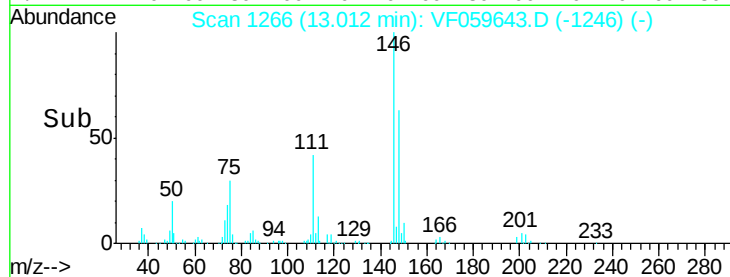
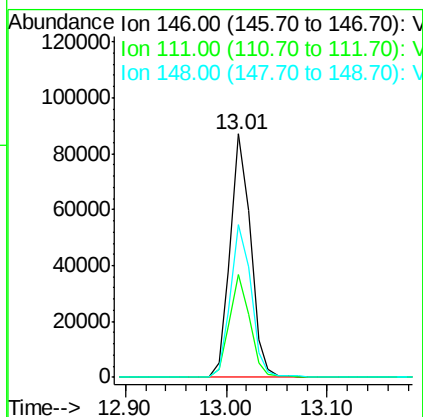
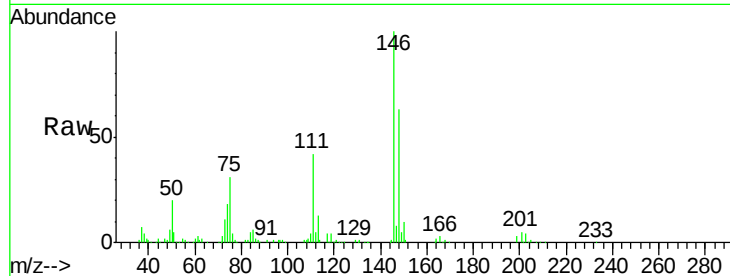
#91
 1,2-Dichlorobenzene
 Concen: 20.962 ug/l
 RT: 13.01 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0724SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.3	61.0
148	62.8	32.9	98.6

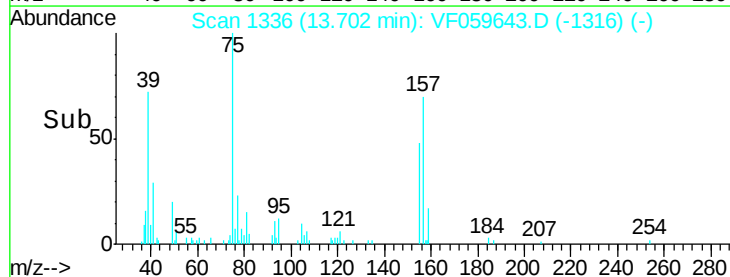
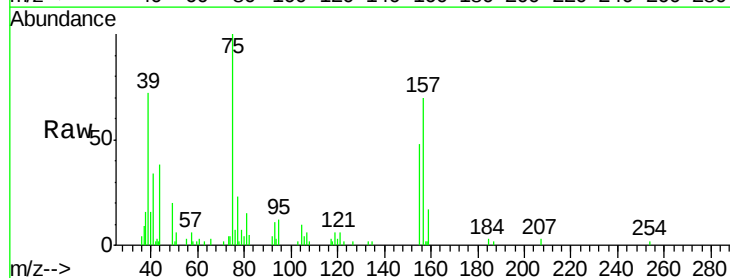
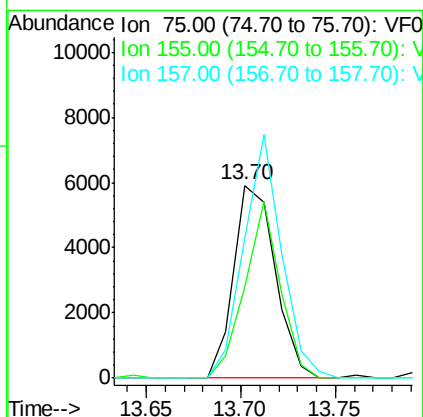
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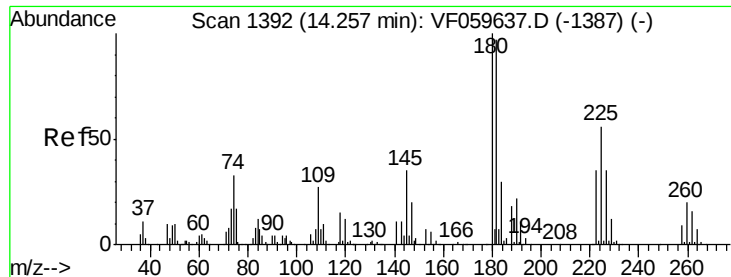
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.878 ug/l
 RT: 13.70 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VF059643.D
 Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	47.7	37.5	112.7
157	72.6	50.6	151.9





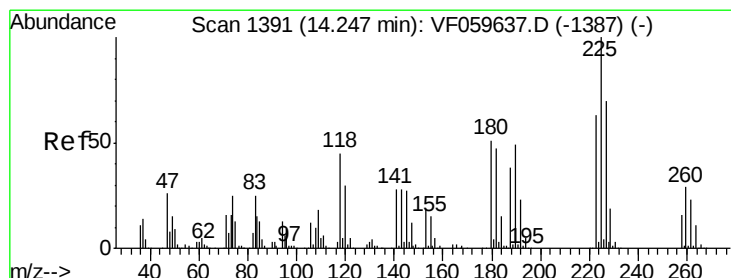
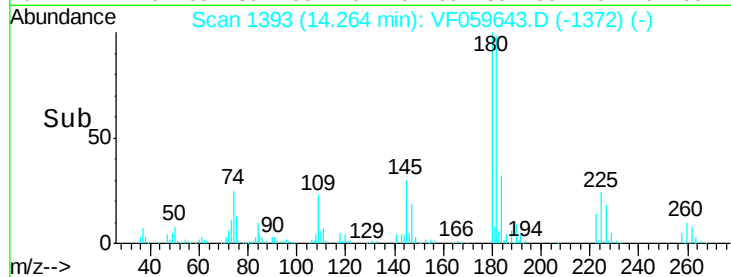
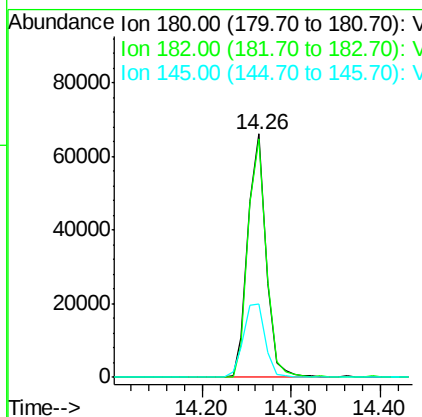
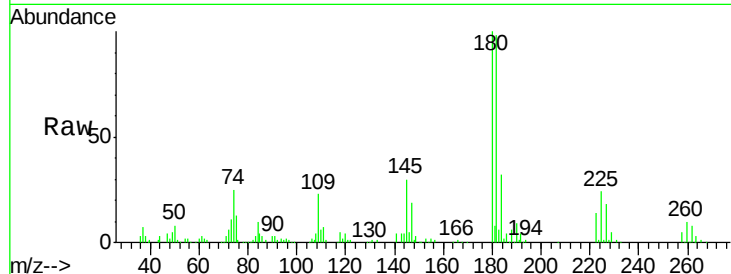
#93
1,2,4-Trichlorobenzene
Concen: 18.830 ug/l
RT: 14.26 min Scan# 1393
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	93622		
182	97.9	48.5	145.6	
145	30.2	17.4	52.2	

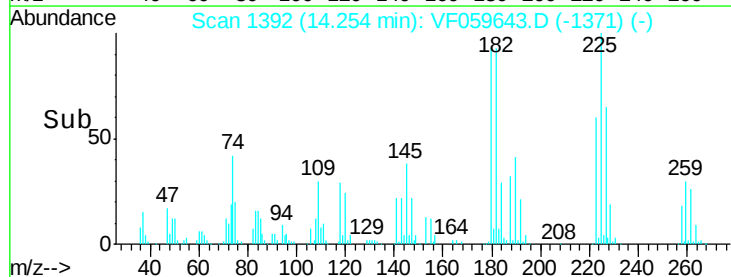
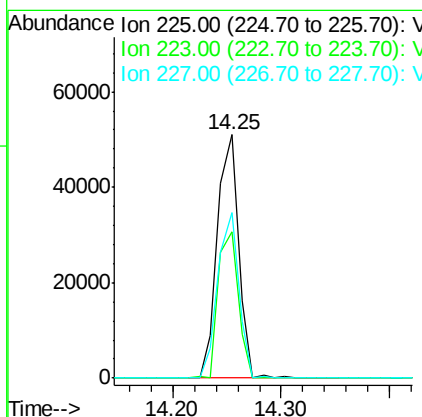
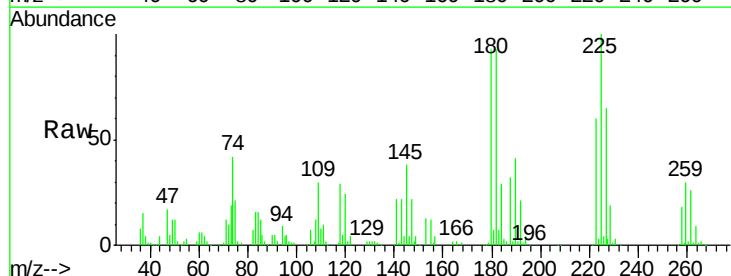
Manual Integrations
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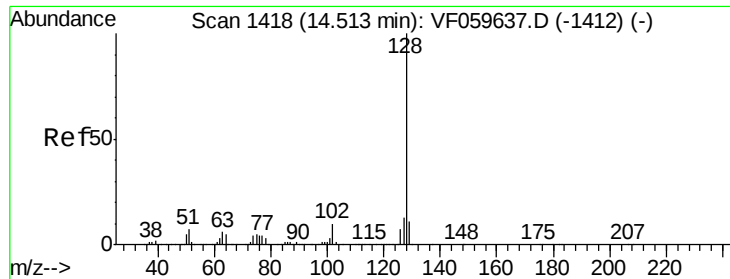
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#94
Hexachlorobutadiene
Concen: 20.552 ug/l
RT: 14.25 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69953		
223	60.1	33.3	99.8	
227	68.1	34.8	104.4	





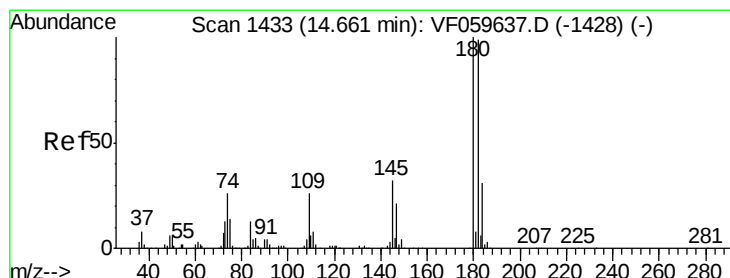
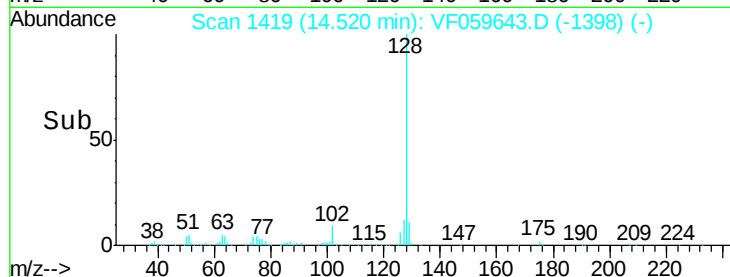
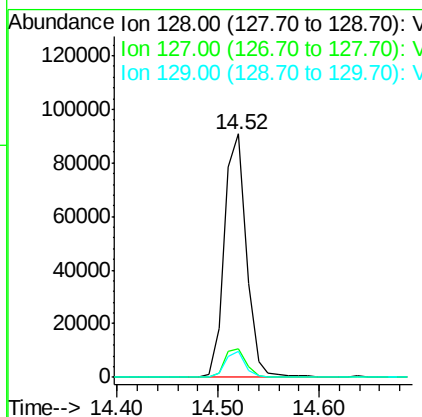
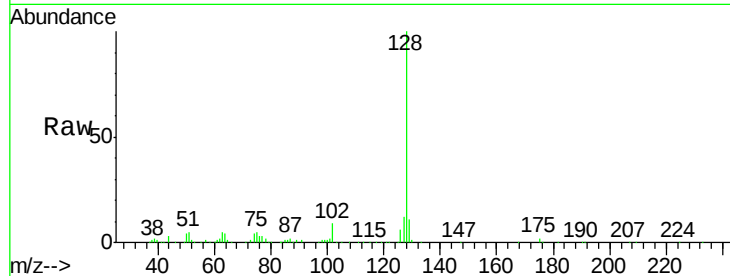
#95
Naphthalene
Concen: 19.019 ug/l
RT: 14.52 min Scan# 1419
Delta R.T. 0.01 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Instrument :
MSVOA_F
ClientSampleId :
VF0724SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	138852		
127	12.0		10.1	15.1
129	10.6		9.1	13.7

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.599 ug/l
RT: 14.66 min Scan# 1433
Delta R.T. -0.00 min
Lab File: VF059643.D
Acq: 24 Jul 2018 21:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	81581		
182	99.8		49.5	148.5
145	33.9		16.0	48.0

