

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF072418\
 Data File : VF059638.D
 Acq On : 24 Jul 2018 17:58
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Manual Integrations
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Quant Time: Jul 25 01:31:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 00:58:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	237585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	335511	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	311127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	196717	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.01	65	242292	66.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.28%	
35) Dibromofluoromethane	4.28	113	207672	67.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.30%	
50) Toluene-d8	7.70	98	507224	66.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.02%	
62) 4-Bromofluorobenzene	11.50	95	278552	63.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	180523	61.757	ug/l	95
3) Chloromethane	1.08	50	92840	67.268	ug/l	93
4) Vinyl Chloride	1.15	62	101344	66.795	ug/l	94
5) Bromomethane	1.33	94	76670	59.250	ug/l	84
6) Chloroethane	1.42	64	60100	64.871	ug/l	97
7) Trichlorofluoromethane	1.53	101	269503m	65.694	ug/l	
8) Diethyl Ether	1.69	74	37513	64.642	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	1.88	101	141444	67.111	ug/l	93
10) Methyl Iodide	1.92	142	209111	60.245	ug/l	98
11) Tert butyl alcohol	2.68	59	39575	269.183	ug/l	93
12) 1,1-Dichloroethene	1.84	96	105100	63.858	ug/l #	96
13) Acrolein	2.08	56	23165	320.968	ug/l	100
14) Allyl chloride	2.18	41	177096	59.468	ug/l	98
15) Acrylonitrile	3.06	53	65246	287.366	ug/l	99
16) Acetone	2.32	43	155673	252.905	ug/l	96
17) Carbon Disulfide	1.83	76	256004	59.841	ug/l	99
18) Methyl Acetate	2.44	43	57990	55.530	ug/l	94
19) Methyl tert-butyl Ether	2.52	73	283114	59.404	ug/l	98
20) Methylene Chloride	2.27	84	92214	49.524	ug/l	93
21) trans-1,2-Dichloroethene	2.40	96	103309	60.497	ug/l	97
22) Diisopropyl ether	2.92	45	349487	64.185	ug/l	99
23) Vinyl Acetate	3.32	43	807662	297.645	ug/l	97
24) 1,1-Dichloroethane	2.98	63	244766	62.405	ug/l	98
25) 2-Butanone	4.50	43	197581	307.479	ug/l	98
26) 2,2-Dichloropropane	3.74	77	191116	58.529	ug/l	98
27) cis-1,2-Dichloroethene	3.62	96	128478	65.562	ug/l	98
28) Bromochloromethane	3.87	49	90234	62.600	ug/l	95
29) Tetrahydrofuran	4.24	42	76609	292.622	ug/l	97
30) Chloroform	4.02	83	340239	62.843	ug/l	99
31) Cyclohexane	3.84	56	140777	64.026	ug/l	92
32) 1,1,1-Trichloroethane	4.26	97	283504	58.538	ug/l	99
36) 1,1-Dichloropropene	4.44	75	217997	64.611	ug/l	99
37) Ethyl Acetate	4.28	43	85999	64.773	ug/l #	64
38) Carbon Tetrachloride	4.16	117	306587	60.033	ug/l	90

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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	163778	60.181	ug/l	87
40) Benzene	4.79	78	389272	63.111	ug/l	99
41) Methacrylonitrile	4.91	41	41218	62.851	ug/l	93
42) 1,2-Dichloroethane	5.10	62	240676	58.977	ug/l	95
43) Isopropyl Acetate	7.10	43	100677	60.892	ug/l #	98
44) Trichloroethene	5.66	130	148036	62.900	ug/l	89
45) 1,2-Dichloropropane	6.39	63	102756	62.304	ug/l	96
46) Dibromomethane	6.24	93	85767	63.970	ug/l	96
47) Bromodichloromethane	6.53	83	251493	61.255	ug/l	95
48) Methyl methacrylate	6.86	41	76080	60.436	ug/l	98
49) 1,4-Dioxane	6.85	88	12199	1378.551	ug/l #	80
51) 4-Methyl-2-Pentanone	8.40	43	374390	302.690	ug/l	100
52) Toluene	7.77	92	271611	58.223	ug/l	98
53) t-1,3-Dichloropropene	8.42	75	206007	59.949	ug/l	96
54) cis-1,3-Dichloropropene	7.45	75	214723	62.725	ug/l	96
55) 1,1,2-Trichloroethane	8.62	97	92476	59.759	ug/l	92
56) Ethyl methacrylate	8.75	69	110510	64.418	ug/l	94
57) 1,3-Dichloropropane	8.99	76	165223	61.099	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.77	63	61931	304.143	ug/l	100
59) 2-Hexanone	9.62	43	296623	301.863	ug/l	100
60) Dibromochloromethane	8.85	129	175272	63.075	ug/l	97
61) 1,2-Dibromoethane	9.13	107	113384	63.660	ug/l	96
64) Tetrachloroethene	8.29	164	154444	66.298	ug/l	95
65) Chlorobenzene	9.92	112	371025	65.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.06	131	166844	64.558	ug/l	98
67) Ethyl Benzene	10.03	91	671097	65.325	ug/l	100
68) m/p-Xylenes	10.26	106	462853	129.862	ug/l	100
69) o-Xylene	10.82	106	256937	66.848	ug/l	99
70) Styrene	10.89	104	370226	64.659	ug/l	99
71) Bromoform	10.88	173	100448	63.315	ug/l	94
73) Isopropylbenzene	11.22	105	808652	64.842	ug/l	98
74) N-amyl acetate	11.45	43	194704	71.077	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.78	83	130193	63.153	ug/l	97
76) 1,2,3-Trichloropropane	11.88	75	108589	60.142	ug/l	100
77) Bromobenzene	11.59	156	193469	60.822	ug/l	94
78) n-propylbenzene	11.68	91	895382	60.185	ug/l	100
79) 2-Chlorotoluene	11.81	91	559419	62.531	ug/l	97
80) 1,3,5-Trimethylbenzene	11.91	105	708378	63.293	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.94	75	62960	84.235	ug/l	98
82) 4-Chlorotoluene	11.98	91	600158	60.533	ug/l	98
83) tert-Butylbenzene	12.21	119	716764	64.842	ug/l	96
84) 1,2,4-Trimethylbenzene	12.28	105	718065	63.342	ug/l	97
85) sec-Butylbenzene	12.38	105	938869	65.421	ug/l	99
86) p-Isopropyltoluene	12.54	119	817004	65.034	ug/l	97
87) 1,3-Dichlorobenzene	12.55	146	375392	60.764	ug/l	96
88) 1,4-Dichlorobenzene	12.63	146	376050	65.295	ug/l	96
89) n-Butylbenzene	12.91	91	796755	66.020	ug/l	97
90) Hexachloroethane	12.99	117	198120	63.172	ug/l #	1
91) 1,2-Dichlorobenzene	13.01	146	366064	62.979	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	34011	67.813	ug/l	91

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ALS Vial : 86 Sample Multiplier: 1

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MSVOA_F
ClientSampleId :
VSTDICC075

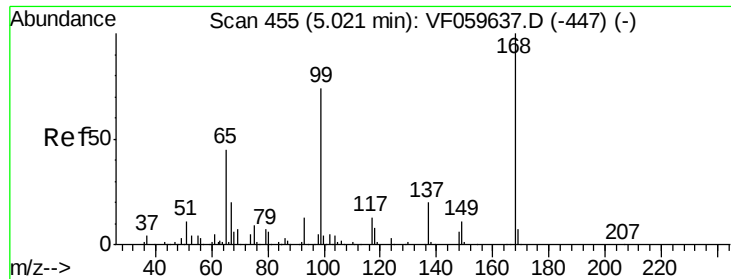
Manual Integrations
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Quant Time: Jul 25 01:31:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 00:58:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	298212	68.659	ug/l	98
94) Hexachlorobutadiene	14.25	225	209997	69.267	ug/l	93
95) Naphthalene	14.52	128	517410	73.899	ug/l	99
96) 1,2,3-Trichlorobenzene	14.67	180	277124	70.373	ug/l	97

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



#1

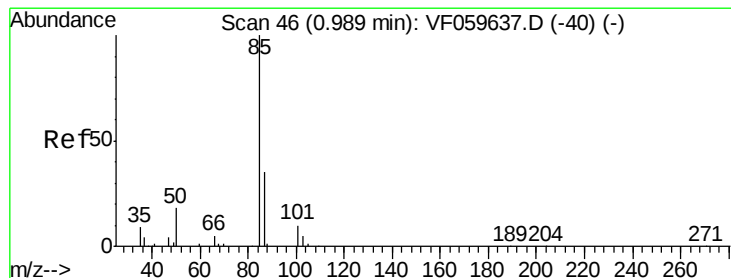
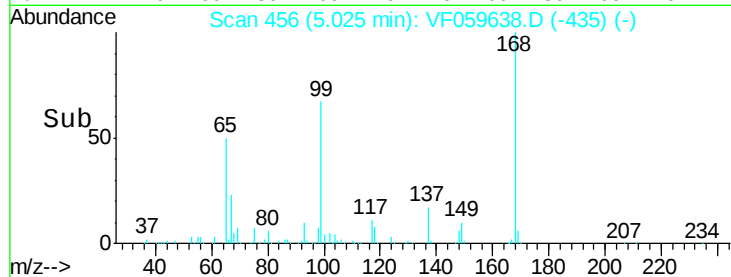
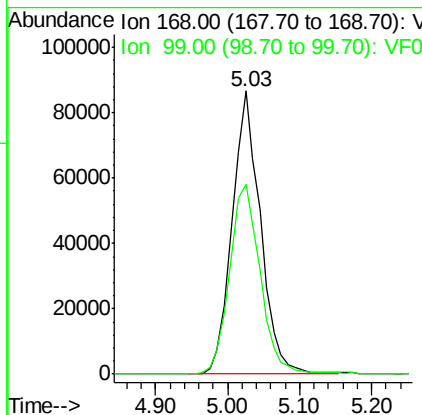
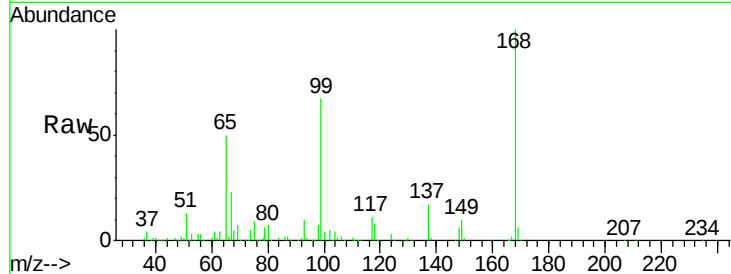
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.03 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: VF059638.D
 Acq: 24 Jul 2018 17:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
168	100		
99	67.3	59.5	89.3

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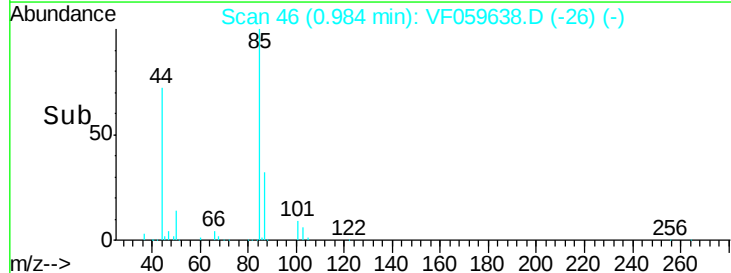
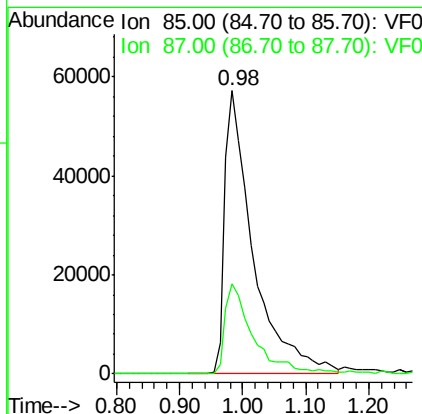
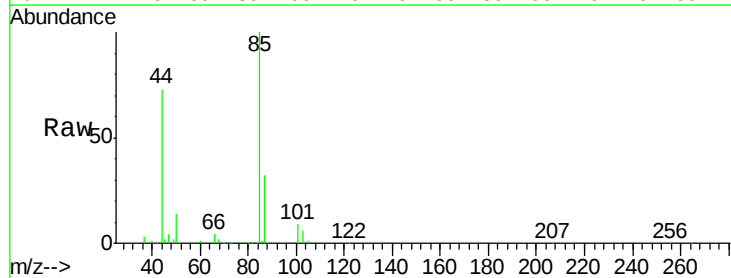
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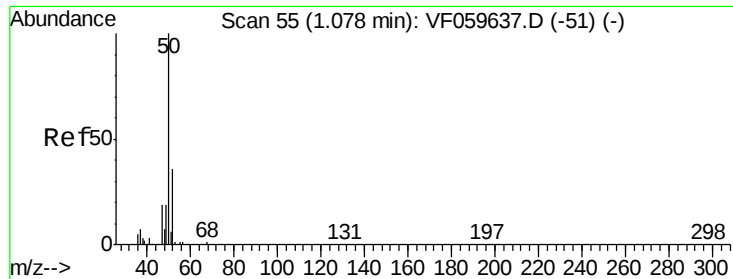


#2

Dichlorodifluoromethane
 Concen: 61.757 ug/l
 RT: 0.98 min Scan# 46
 Delta R.T. -0.01 min
 Lab File: VF059638.D
 Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.9	17.4	52.2





#3

Chloromethane

Concen: 67.268 ug/l

RT: 1.08 min Scan# 56

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 92840

Ion Ratio Lower Upper

50 100

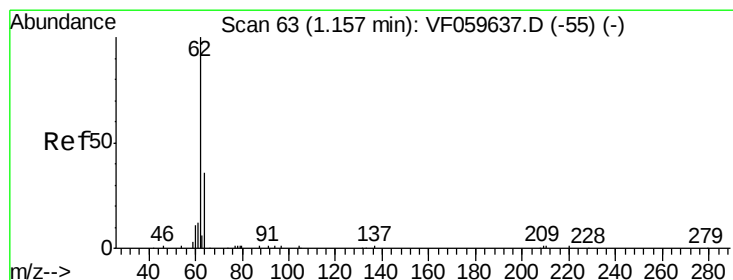
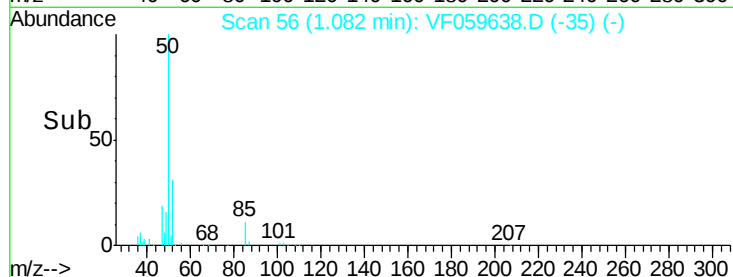
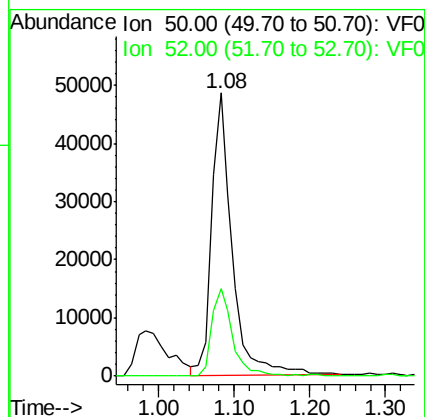
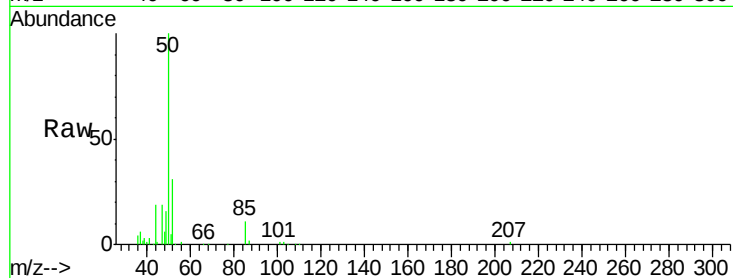
52 30.8 28.0 42.0

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#4

Vinyl Chloride

Concen: 66.795 ug/l

RT: 1.15 min Scan# 63

Delta R.T. -0.01 min

Lab File: VF059638.D

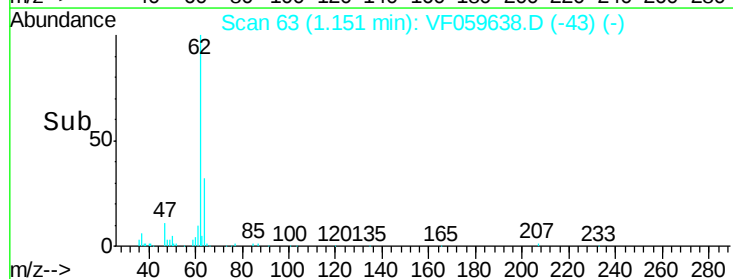
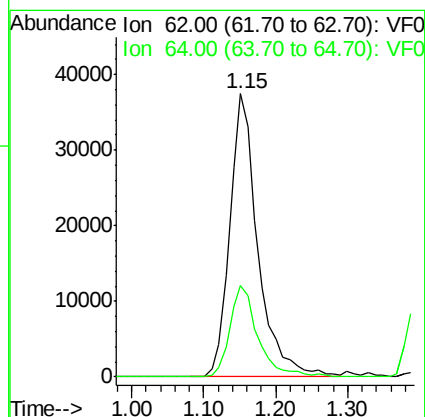
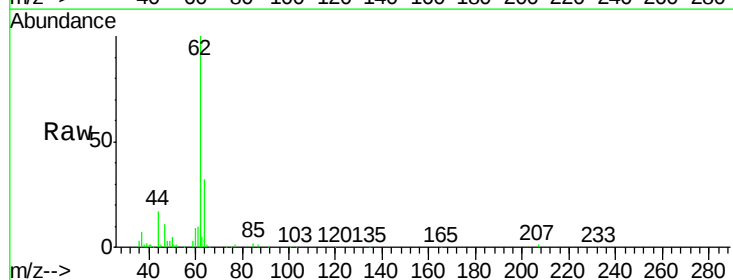
Acq: 24 Jul 2018 17:58

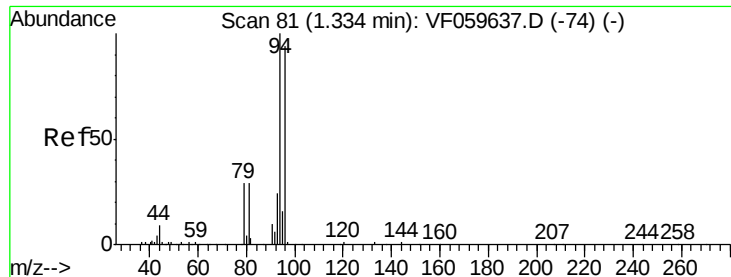
Tgt Ion: 62 Resp: 101344

Ion Ratio Lower Upper

62 100

64 32.1 28.6 43.0





#5

Bromomethane

Concen: 59.250 ug/l

RT: 1.33 min Scan# 81

Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 76670

Ion Ratio Lower Upper

94 100

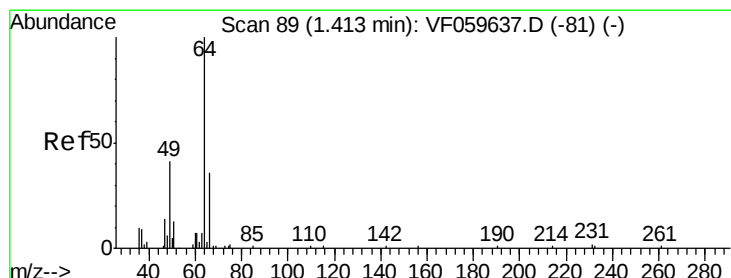
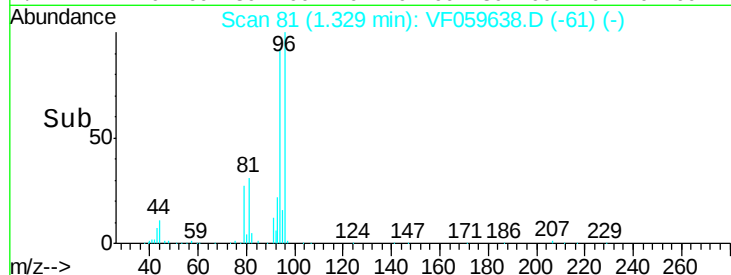
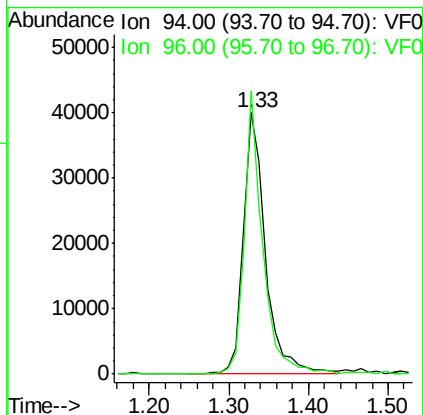
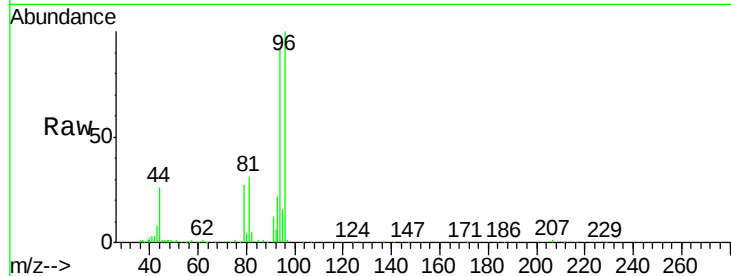
96 108.4 74.6 112.0

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#6

Chloroethane

Concen: 64.871 ug/l

RT: 1.42 min Scan# 90

Delta R.T. 0.00 min

Lab File: VF059638.D

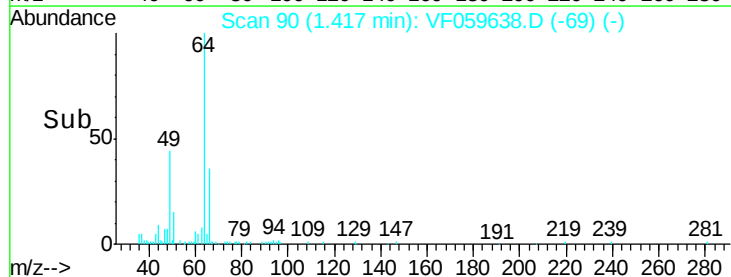
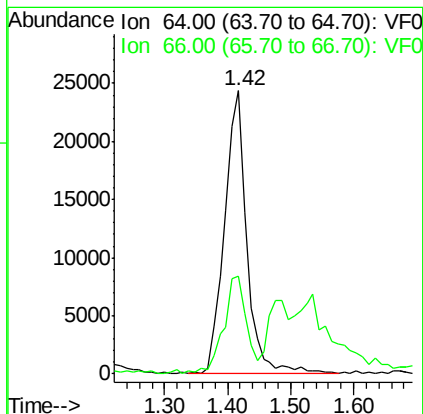
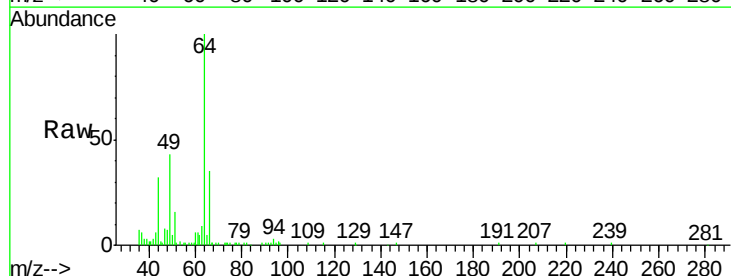
Acq: 24 Jul 2018 17:58

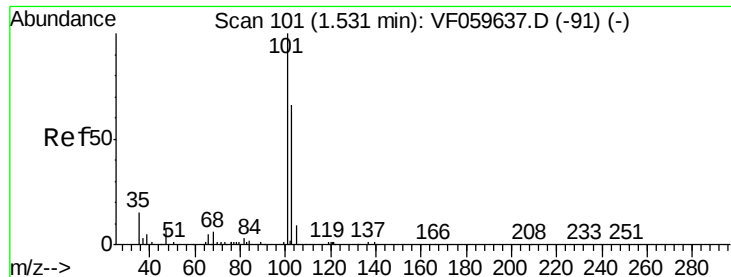
Tgt Ion: 64 Resp: 60100

Ion Ratio Lower Upper

64 100

66 34.8 29.0 43.6





#7

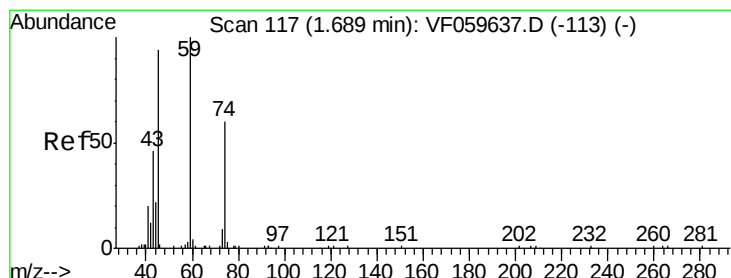
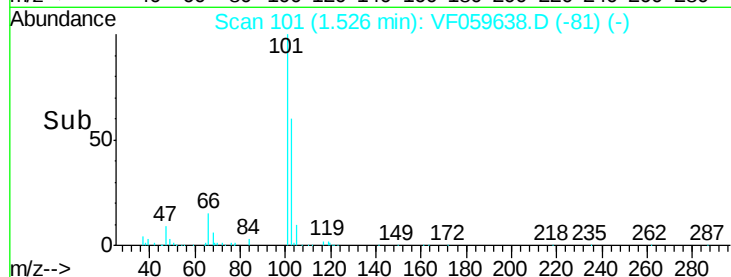
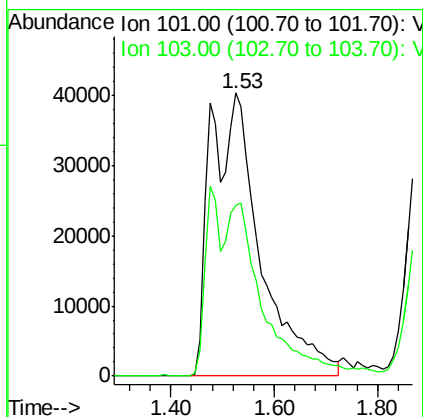
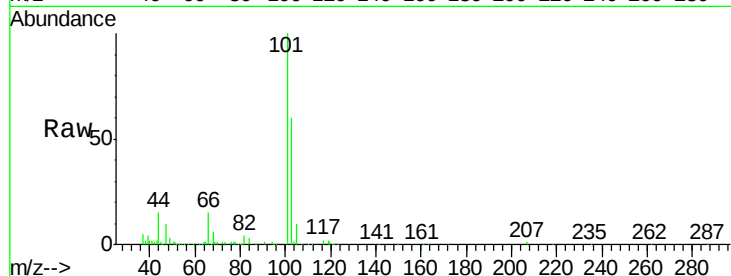
Trichlorofluoromethane
Concen: 65.694 ug/l m
RT: 1.53 min Scan# 101
Delta R.T. -0.01 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.2	52.5	78.7

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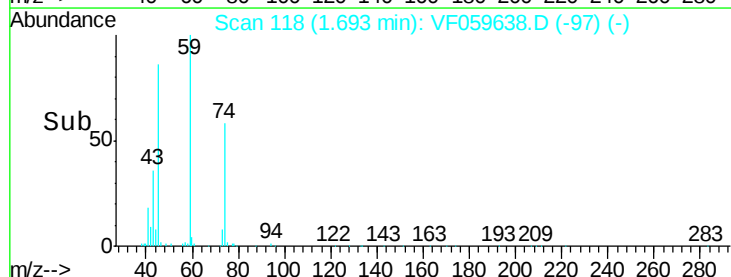
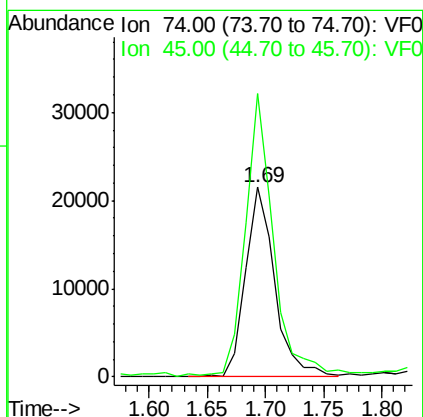
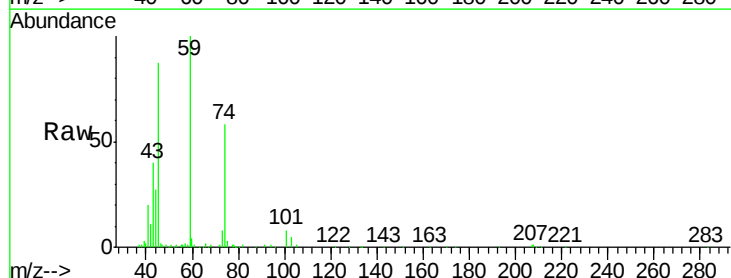
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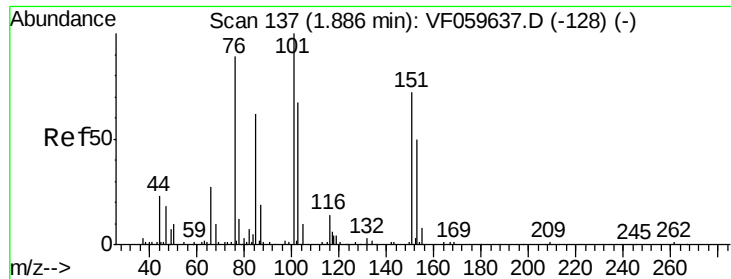


#8

Diethyl Ether
Concen: 64.642 ug/l
RT: 1.69 min Scan# 118
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	149.3	80.3	241.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 67.111 ug/l

RT: 1.88 min Scan# 137

Delta R.T. -0.01 min

Lab File: VF059638.D

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Instrument :

MSVOA_F

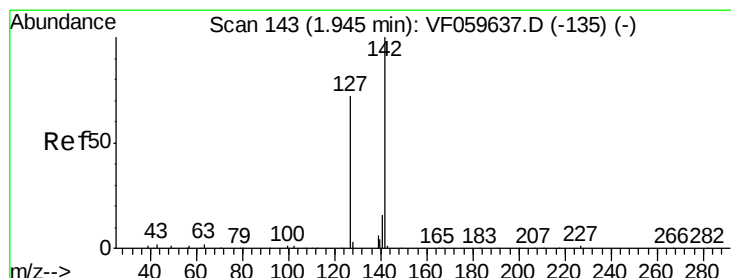
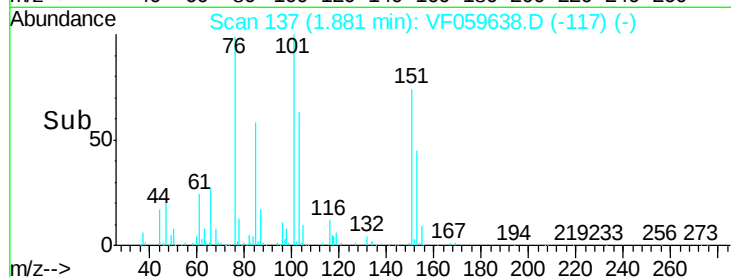
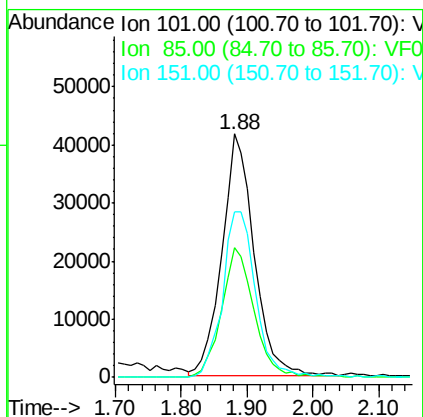
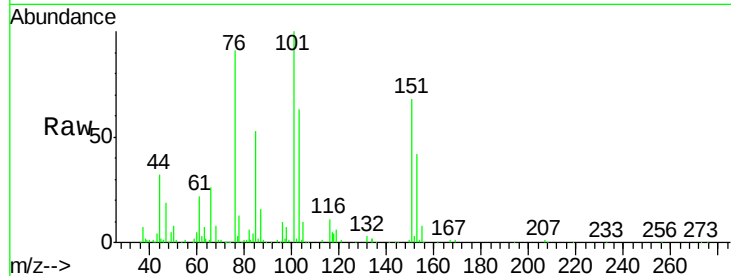
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	141444
Ion Ratio	Lower	Upper	
101	100		
85	53.1	49.0	73.4
151	68.2	56.8	85.2

Manual Integrations
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#10

Methyl Iodide

Concen: 60.245 ug/l

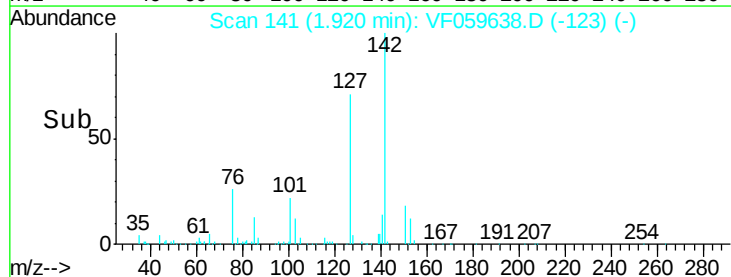
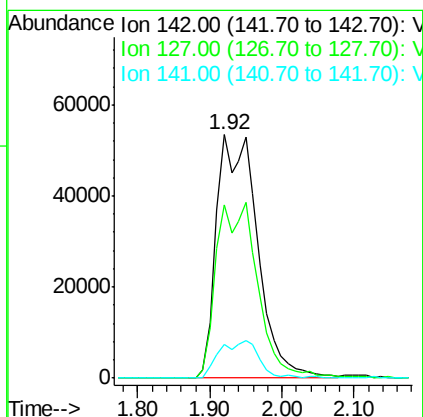
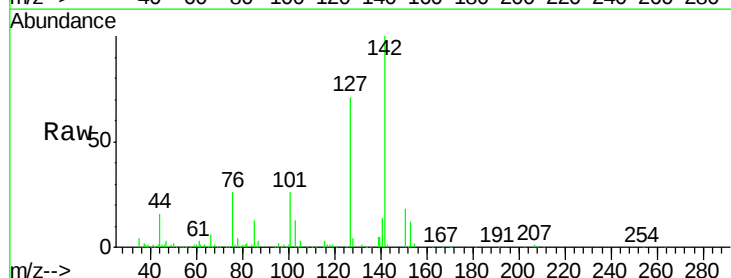
RT: 1.92 min Scan# 141

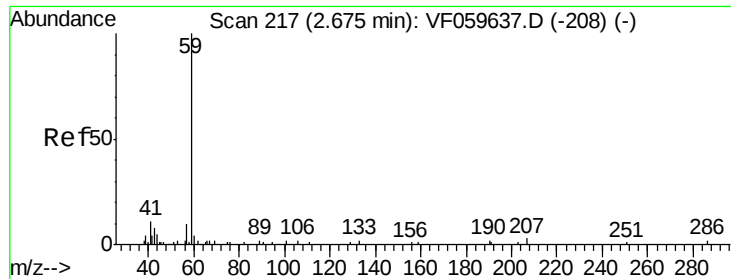
Delta R.T. -0.03 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	142	Resp:	209111
Ion Ratio	Lower	Upper	
142	100		
127	71.2	57.5	86.3
141	13.7	13.2	19.8





#11

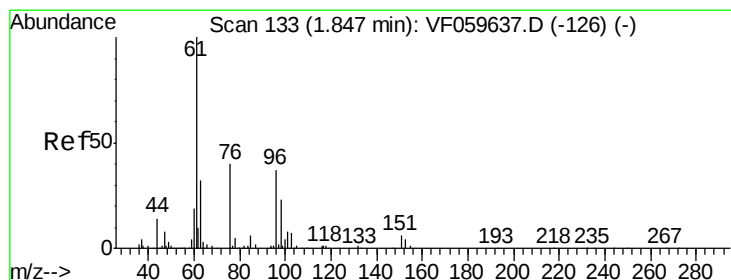
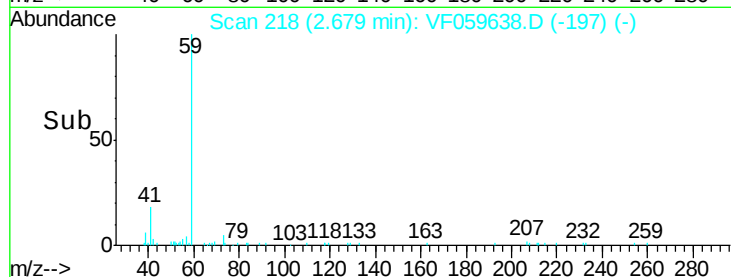
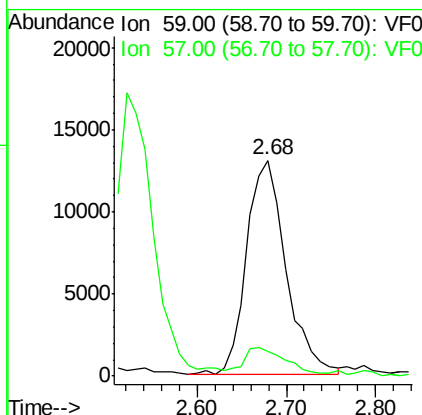
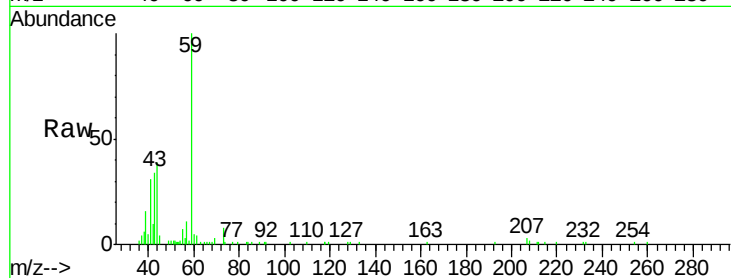
Tert butyl alcohol
Concen: 269.183 ug/l
RT: 2.68 min Scan# 218
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	11.5	11.4	17.2

Manual Integrations
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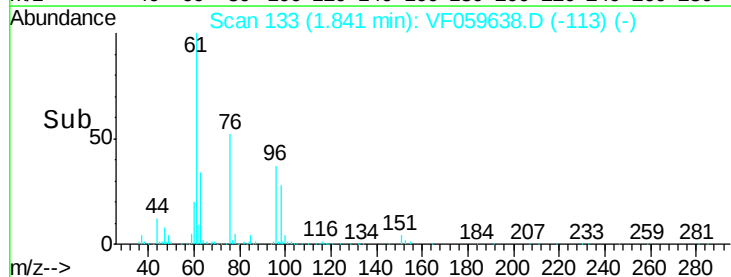
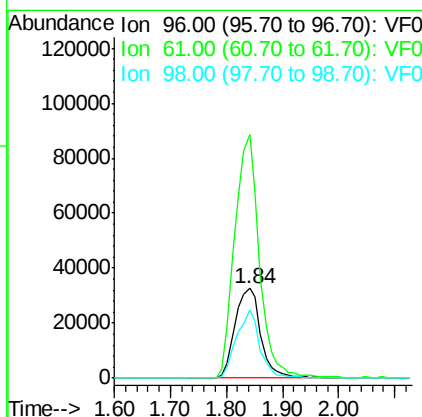
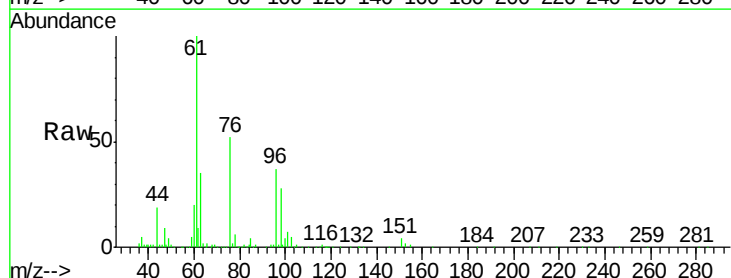
apatel
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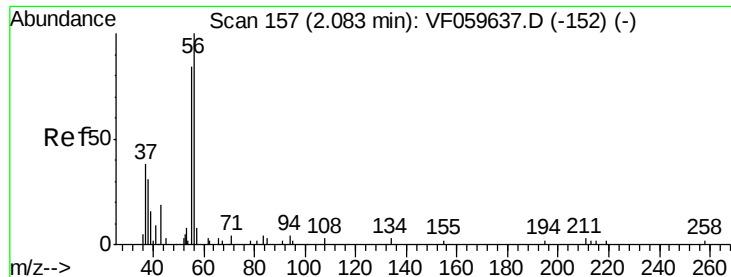


#12

1,1-Dichloroethene
Concen: 63.858 ug/l
RT: 1.84 min Scan# 133
Delta R.T. -0.01 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	270.9	218.2	327.4
98	98	76.0	50.6	76.0#





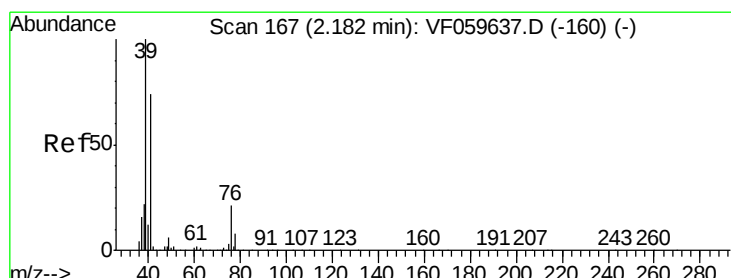
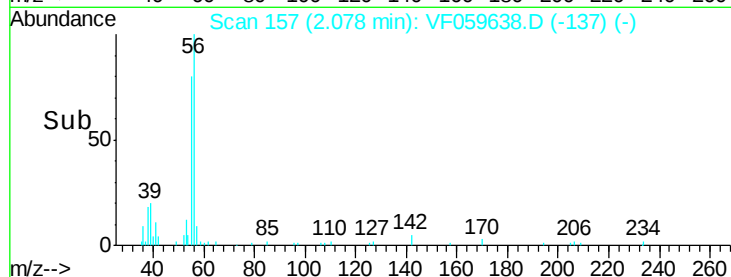
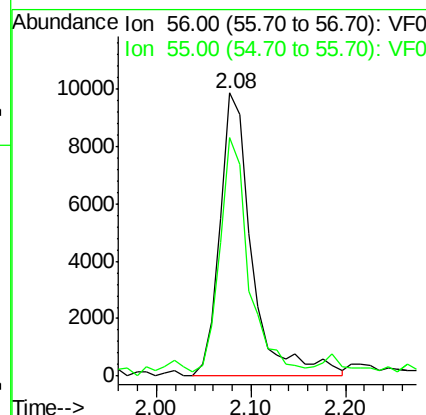
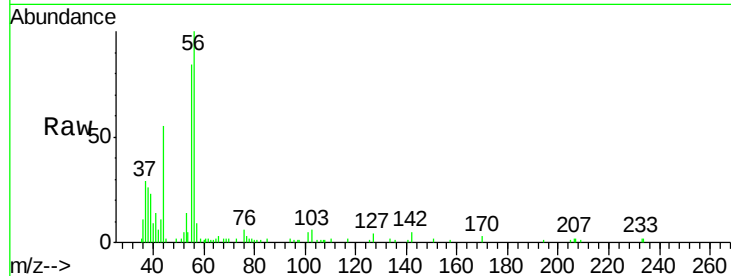
#13
Acrolein
Concen: 320.968 ug/l
RT: 2.08 min Scan# 157
Delta R.T. -0.01 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
55	84.4	67.2	100.8

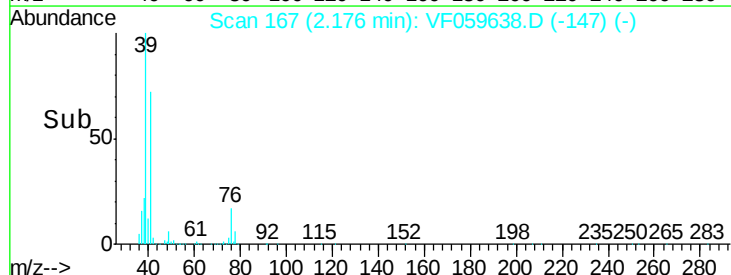
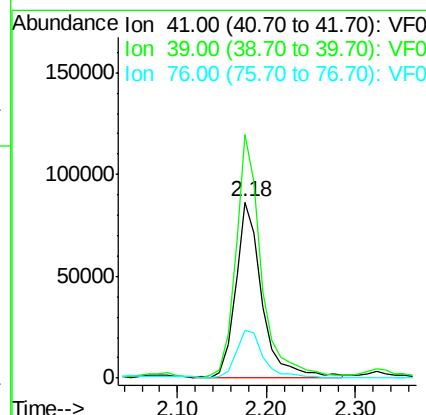
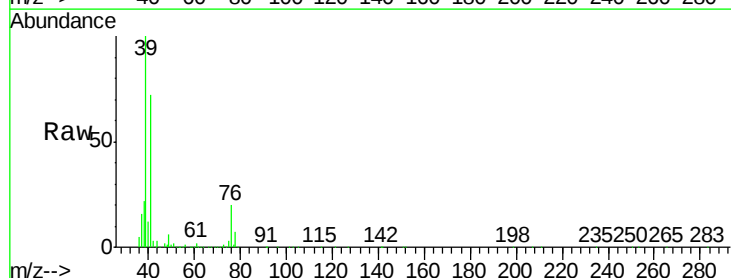
Manual Integrations
APPROVED

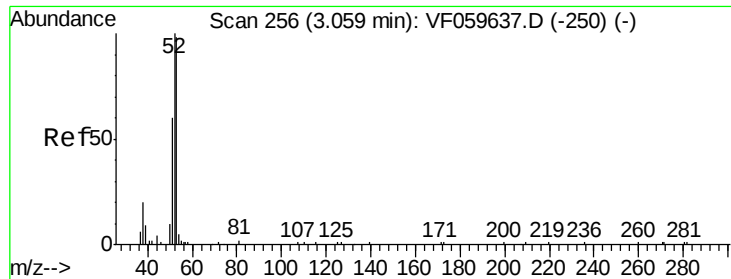
apatel
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#14
Allyl chloride
Concen: 59.468 ug/l
RT: 2.18 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
41	100		
39	138.2	108.6	162.8
76	27.2	23.0	34.6





#15

Acrylonitrile

Concen: 287.366 ug/l

RT: 3.06 min Scan# 257

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

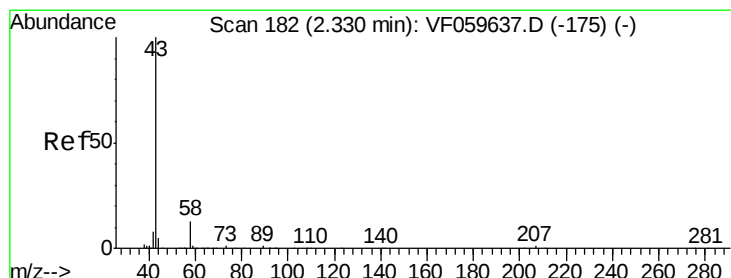
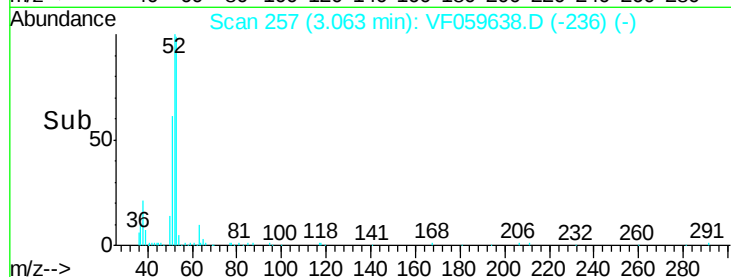
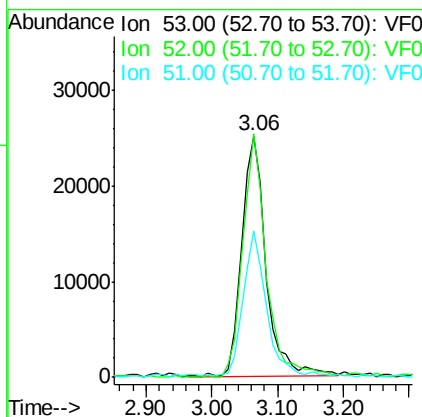
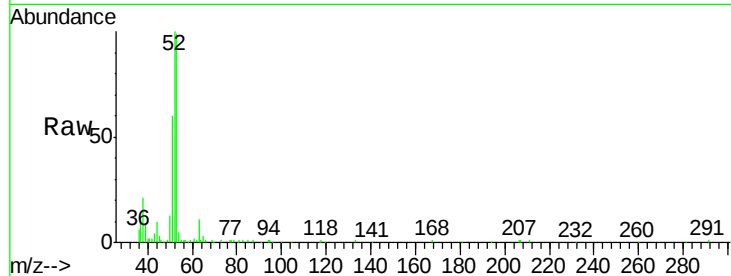
ClientSampleId :

VSTDIC075

Tot Ion:	53	Resp:	65246
Ion	Ratio	Lower	Upper
53	100		
52	100.8	80.9	121.3
51	60.5	49.4	74.2

Manual Integrations
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#16

Acetone

Concen: 252.905 ug/l

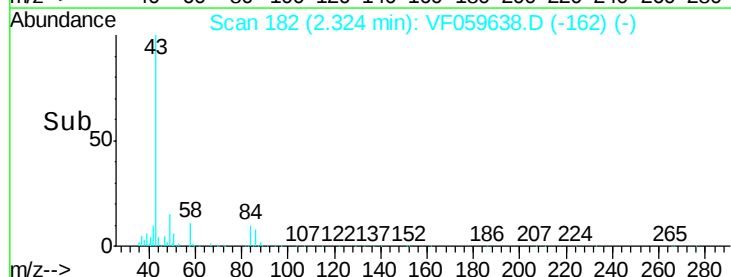
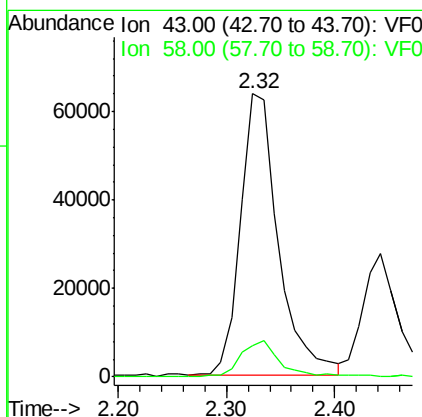
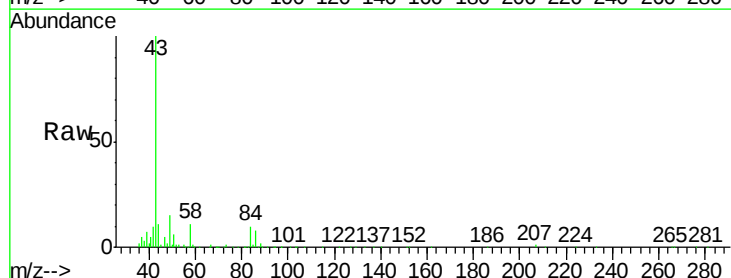
RT: 2.32 min Scan# 182

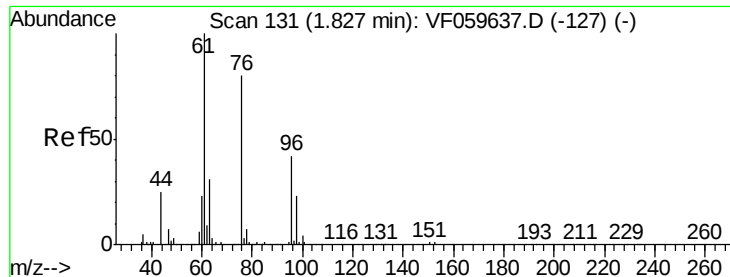
Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	43	Resp:	155673
Ion	Ratio	Lower	Upper
43	100		
58	11.2	10.2	15.2





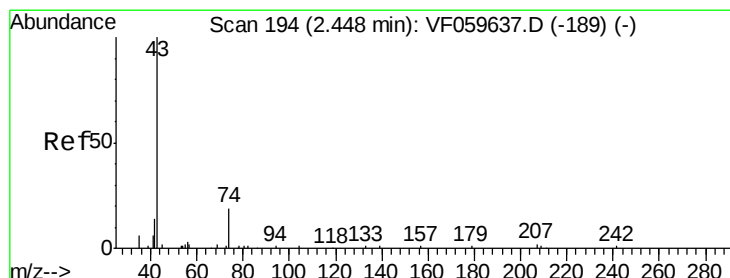
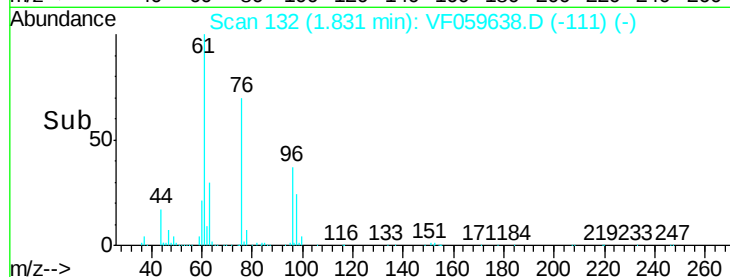
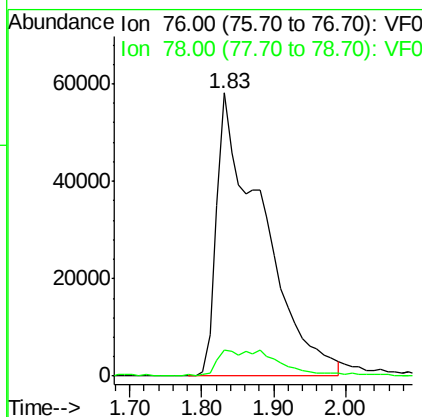
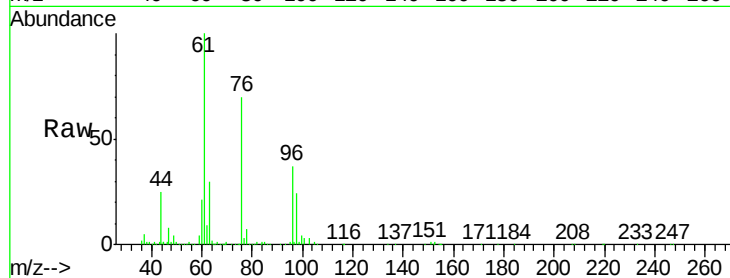
#17
Carbon Disulfide
Concen: 59.841 ug/l
RT: 1.83 min Scan# 132
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.0	10.6

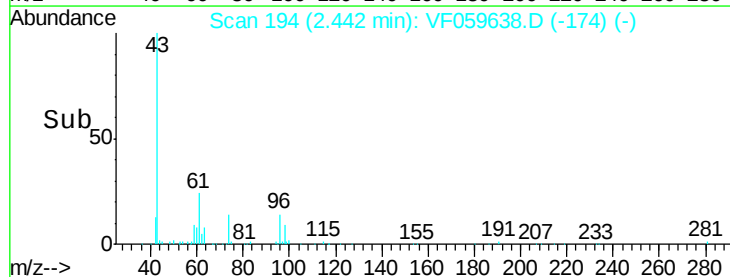
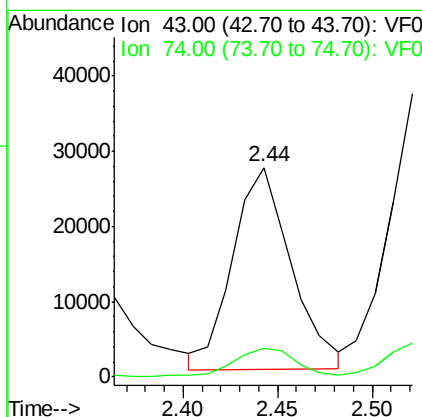
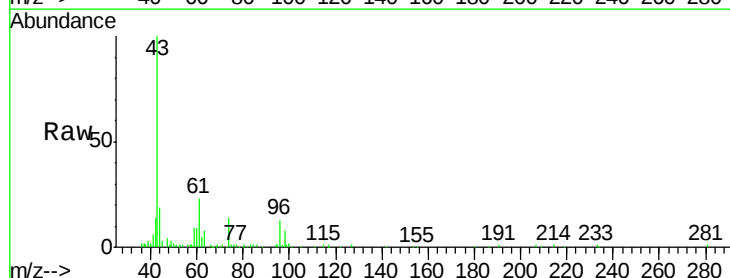
Manual Integrations
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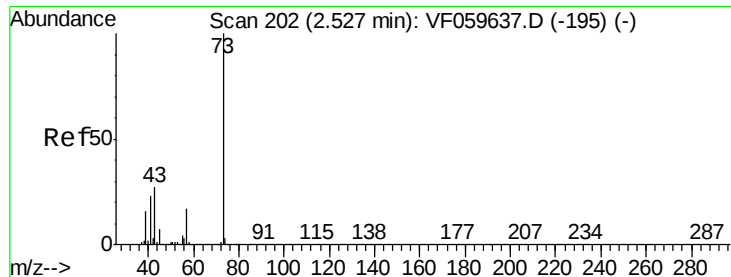
apatel
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#18
Methyl Acetate
Concen: 55.530 ug/l
RT: 2.44 min Scan# 194
Delta R.T. -0.01 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	13.9	13.0	19.6





#19

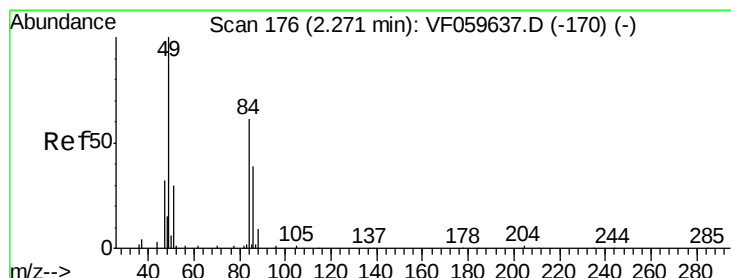
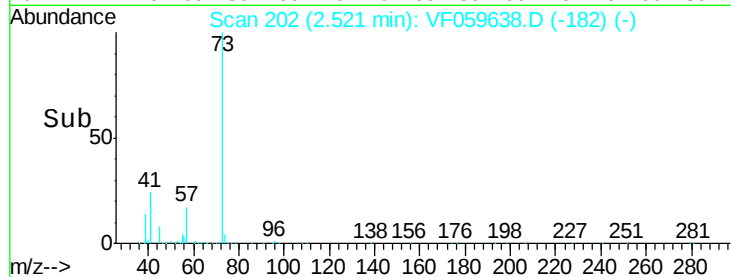
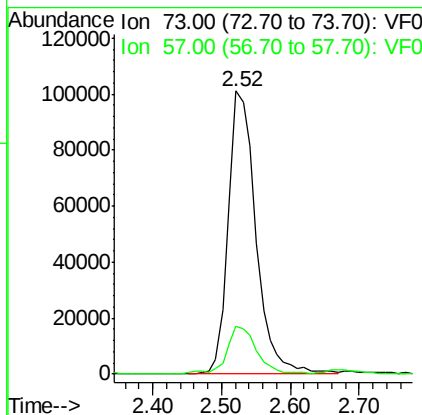
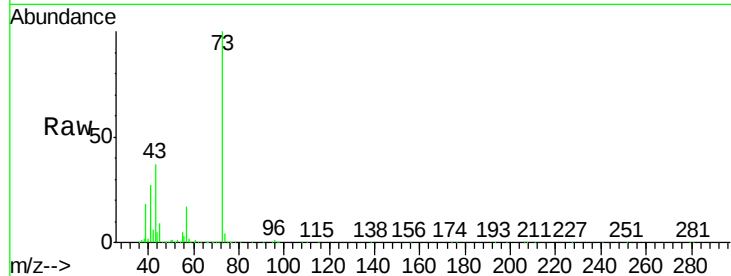
Methyl tert-butyl Ether
 Concen: 59.404 ug/l
 RT: 2.52 min Scan# 202
 Delta R.T. -0.01 min
 Lab File: VF059638.D
 Acq: 24 Jul 2018 17:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.1	14.2	21.4

Manual Integrations
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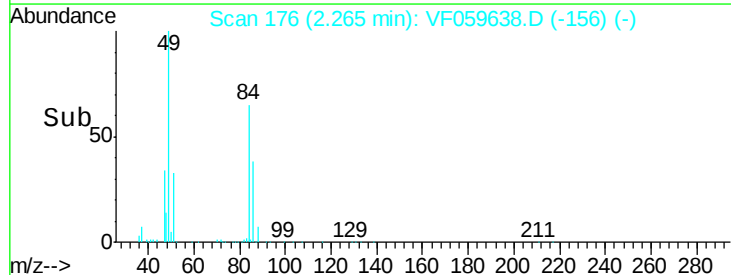
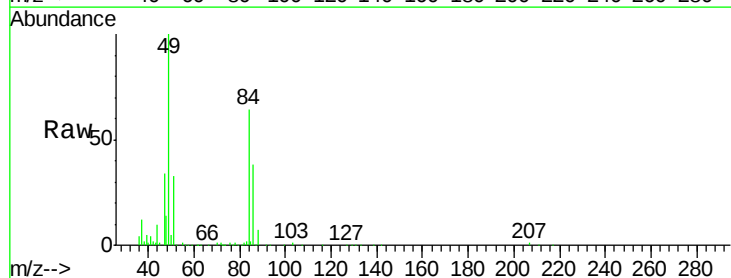
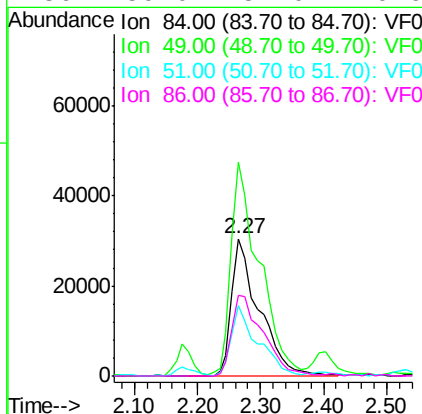
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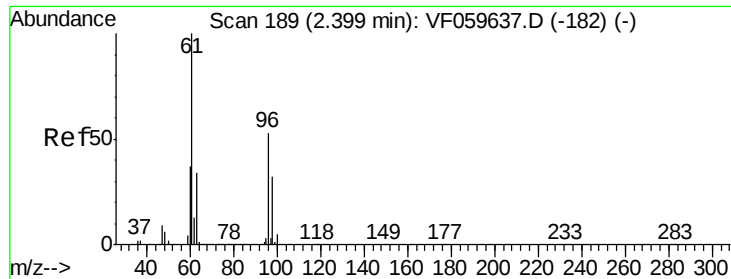


#20

Methylene Chloride
 Concen: 49.524 ug/l
 RT: 2.27 min Scan# 176
 Delta R.T. -0.01 min
 Lab File: VF059638.D
 Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	155.4	133.8	200.8
51	51.4	41.1	61.7
86	59.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 60.497 ug/l

RT: 2.40 min Scan# 190

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

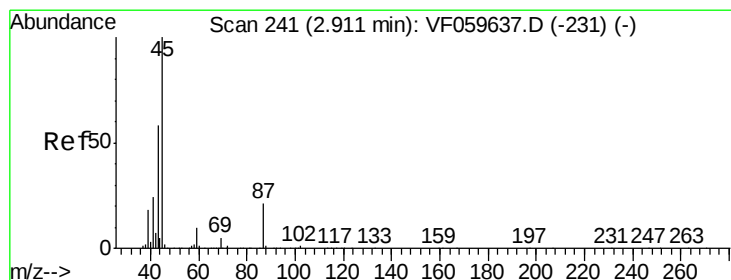
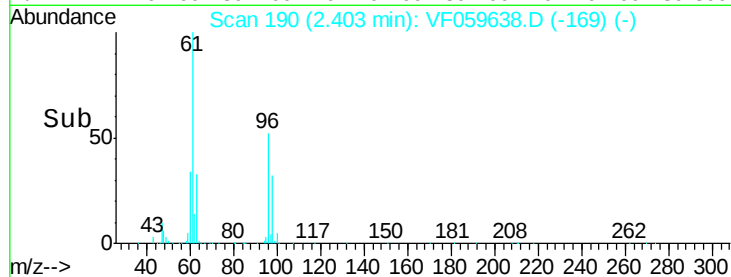
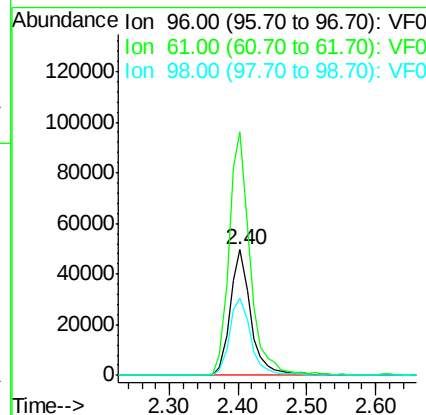
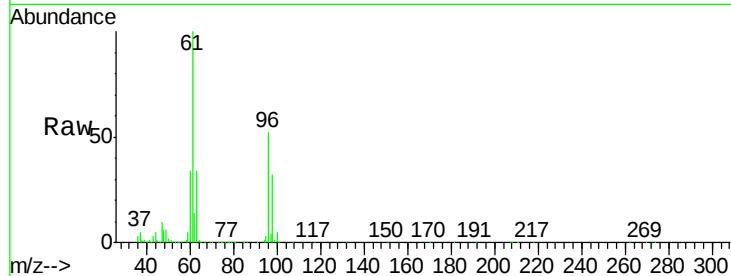
ClientSampleId :

VSTDIC075

Tot Ion:	96	Resp:	103309
Ion Ratio	Lower	Upper	
96	100		
61	194.1	151.4	227.2
98	61.9	49.0	73.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 64.185 ug/l

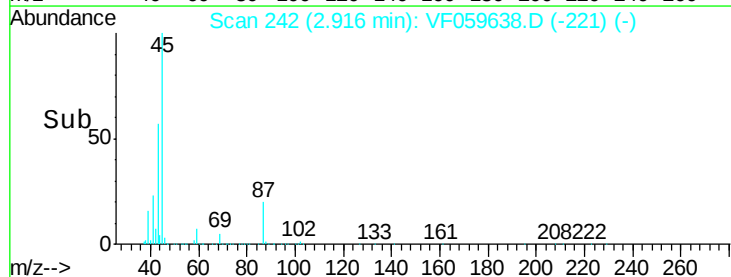
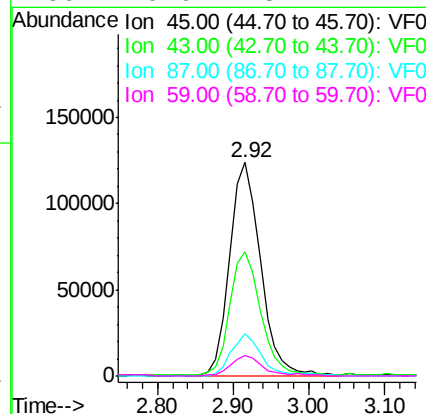
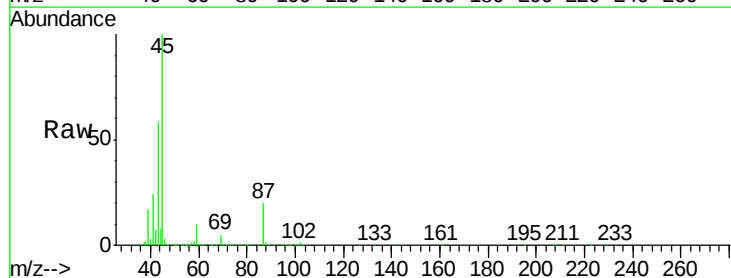
RT: 2.92 min Scan# 242

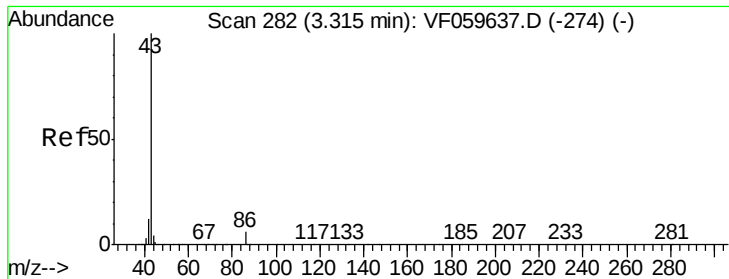
Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	45	Resp:	349487
Ion Ratio	Lower	Upper	
45	100		
43	58.2	46.5	69.7
87	20.0	16.5	24.7
59	9.9	8.2	12.2





#23

Vinyl Acetate

Concen: 297.645 ug/l

RT: 3.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 807662

Ion Ratio Lower Upper

43 100

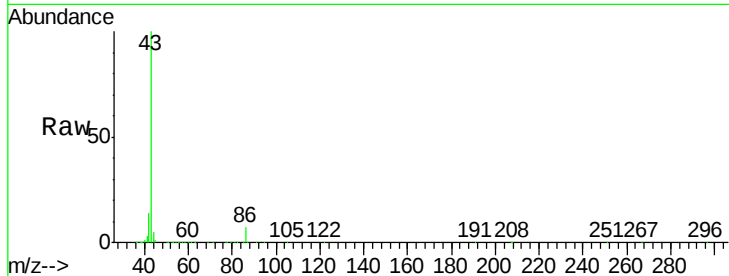
86 6.6 4.5 6.7

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

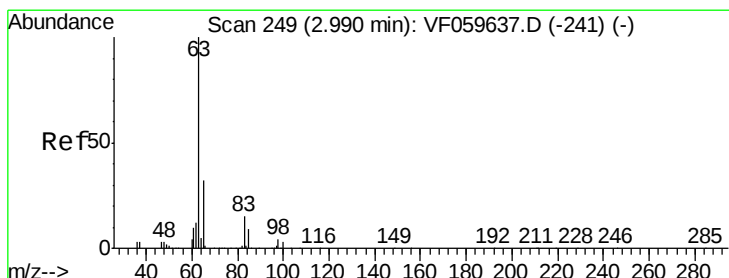
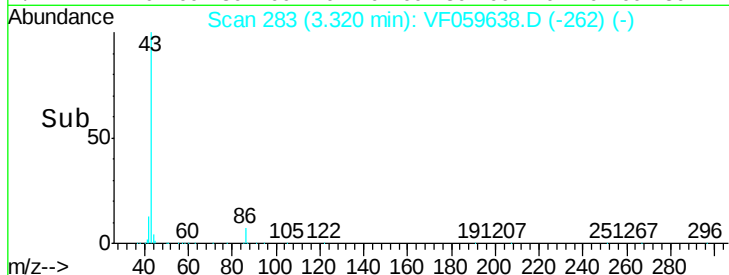
300000

200000

100000

0

Time--> 3.10 3.20 3.30 3.40 3.50



#24

1,1-Dichloroethane

Concen: 62.405 ug/l

RT: 2.98 min Scan# 249

Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

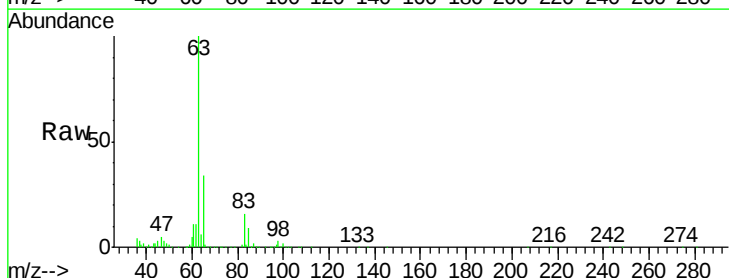
Tgt Ion: 63 Resp: 244766

Ion Ratio Lower Upper

63 100

98 3.0 1.8 5.5

100 2.0 1.3 3.9



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

120000

100000

80000

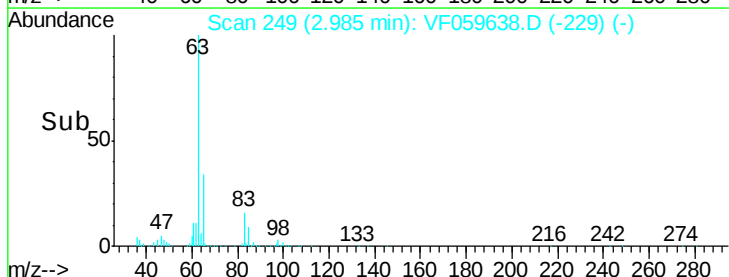
60000

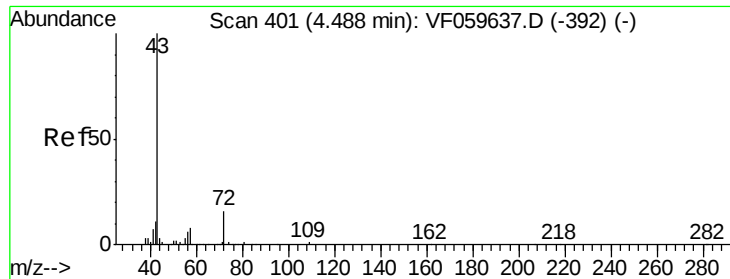
40000

20000

0

Time--> 2.90 3.00 3.10





#25

2-Butanone

Concen: 307.479 ug/l

RT: 4.50 min Scan# 403

Delta R.T. 0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tot Ion: 43 Resp: 197581

Ion Ratio Lower Upper

43 100

72 17.8 13.5 20.3

Instrument :

MSVOA_F

ClientSampleId :

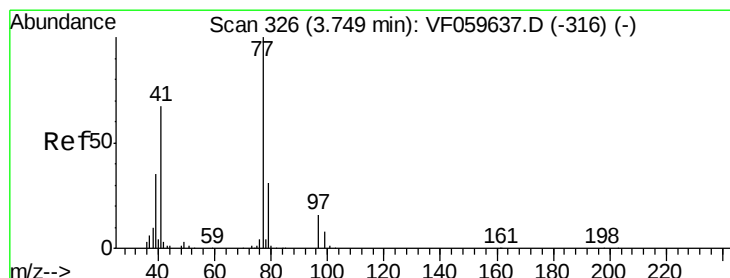
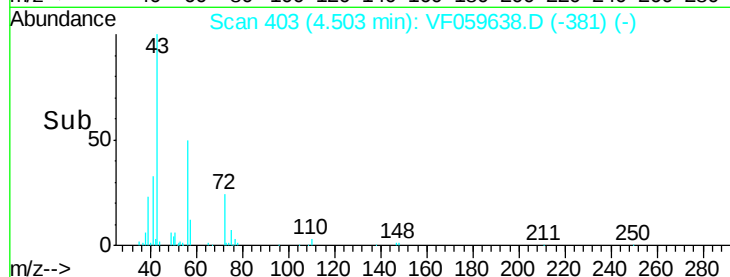
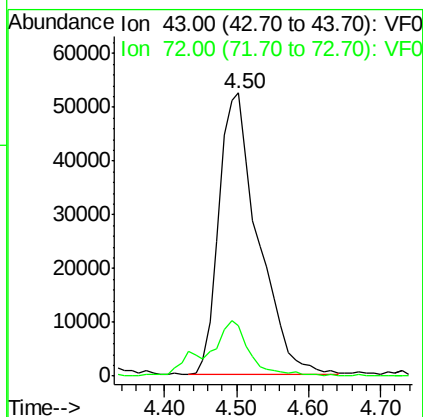
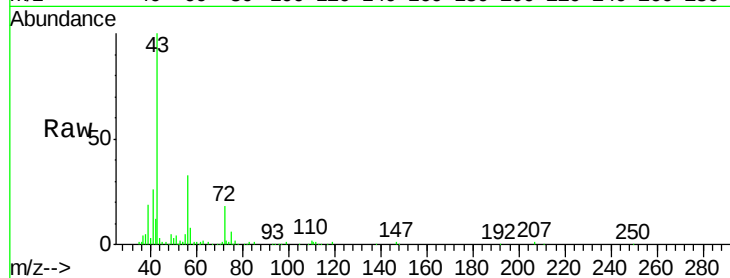
VSTDIC075

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 58.529 ug/l

RT: 3.74 min Scan# 326

Delta R.T. -0.01 min

Lab File: VF059638.D

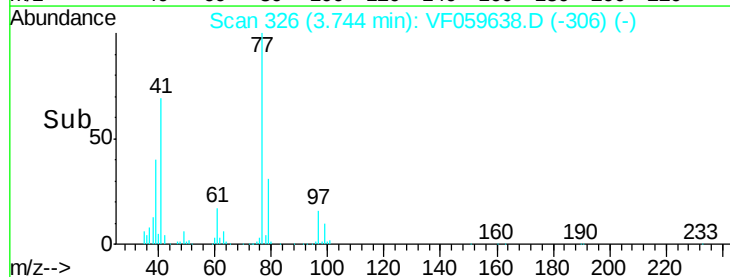
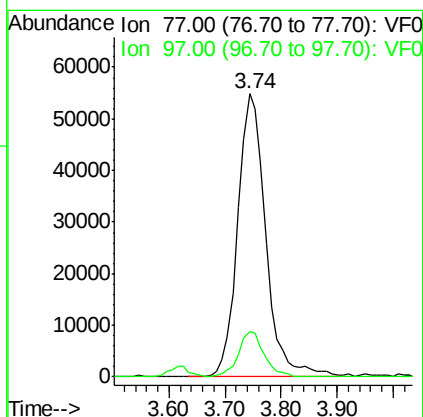
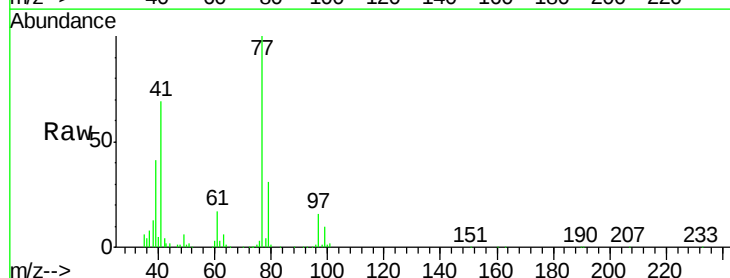
Acq: 24 Jul 2018 17:58

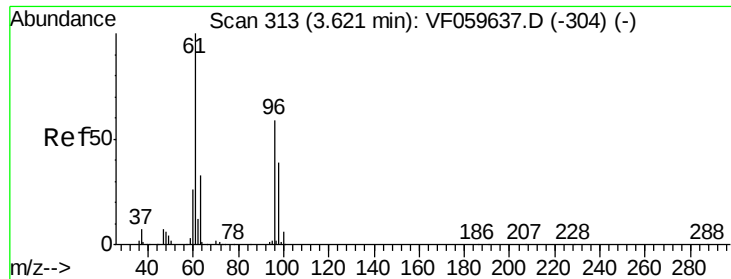
Tgt Ion: 77 Resp: 191116

Ion Ratio Lower Upper

77 100

97 16.2 7.8 23.3





#27

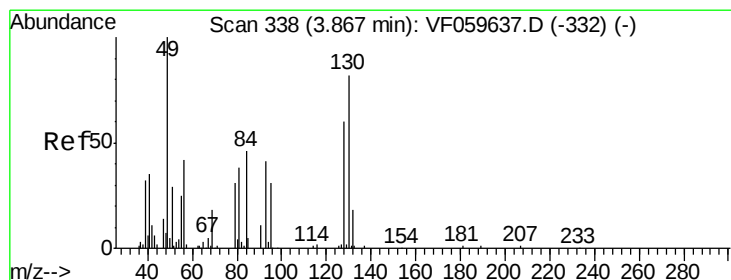
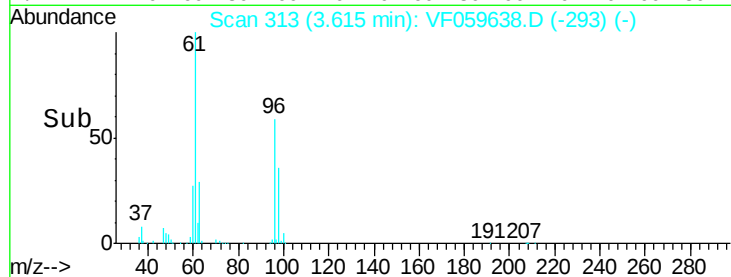
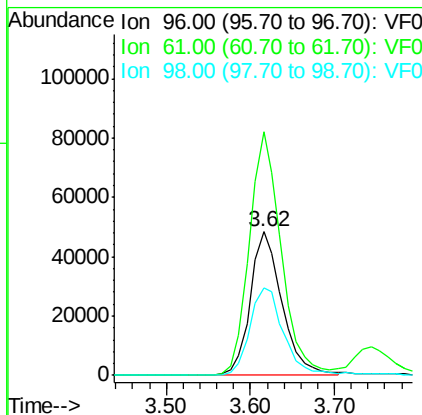
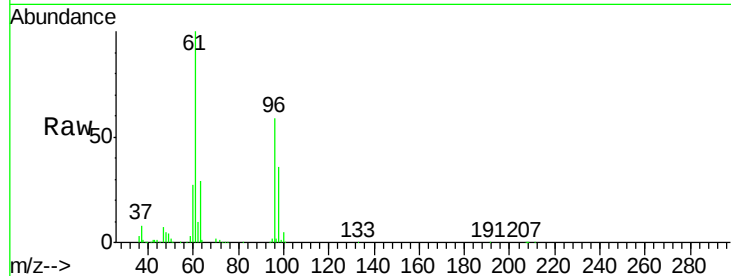
cis-1,2-Dichloroethene
Concen: 65.562 ug/l
RT: 3.62 min Scan# 313
Delta R.T. -0.01 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
96	100	128478		
61	169.4	0.0	337.4	
98	60.6	0.0	132.8	

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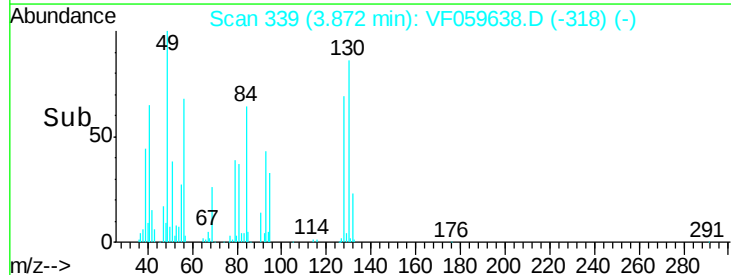
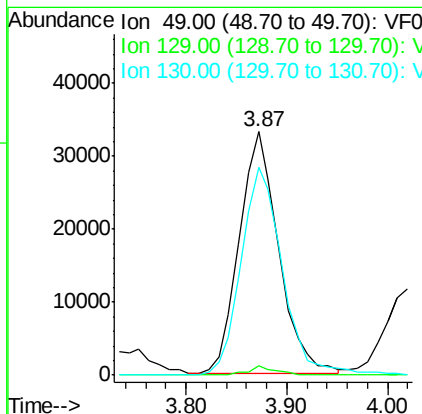
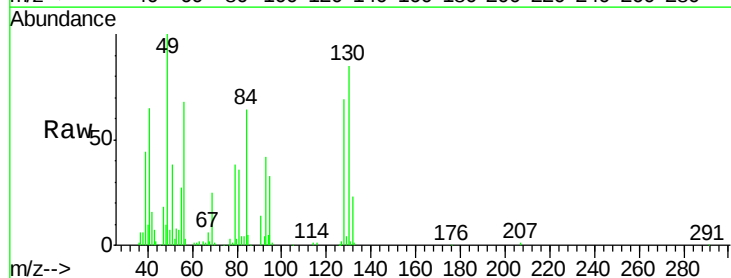
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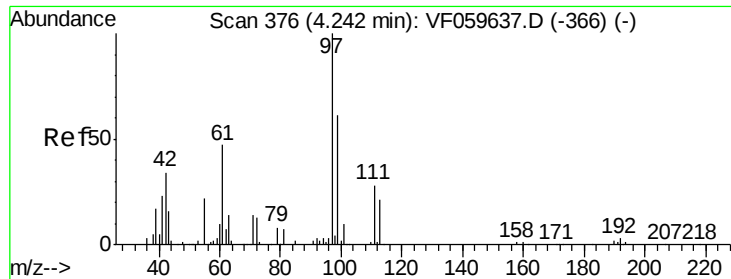


#28

Bromochloromethane
Concen: 62.600 ug/l
RT: 3.87 min Scan# 339
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	90234		
129	3.6	0.0	4.6	
130	85.4	65.0	97.4	





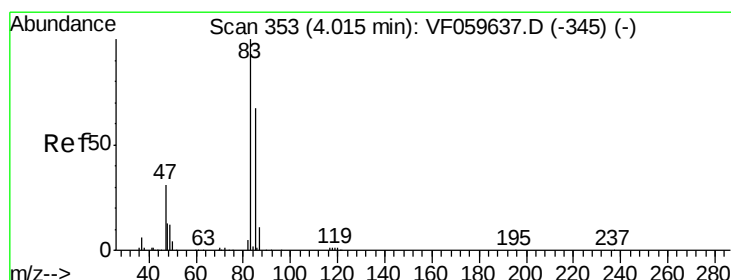
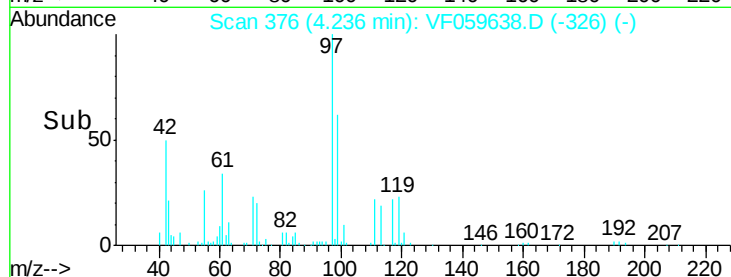
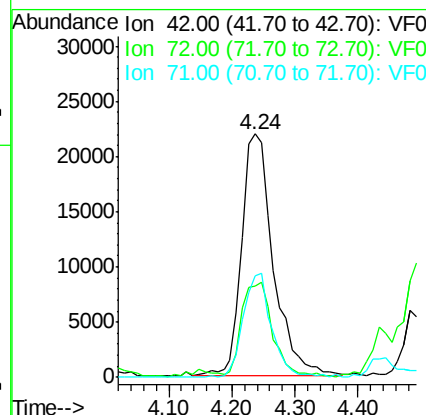
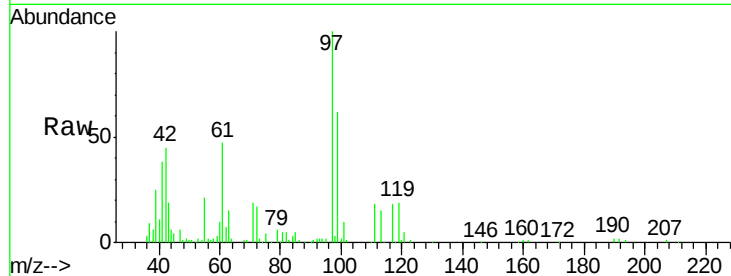
#29
Tetrahydrofuran
Concen: 292.622 ug/l
RT: 4.24 min Scan# 376
Delta R.T. -0.01 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	30.0	45.0
71	37.7	28.6	42.8

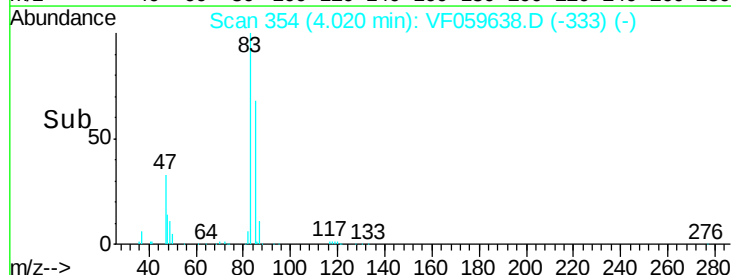
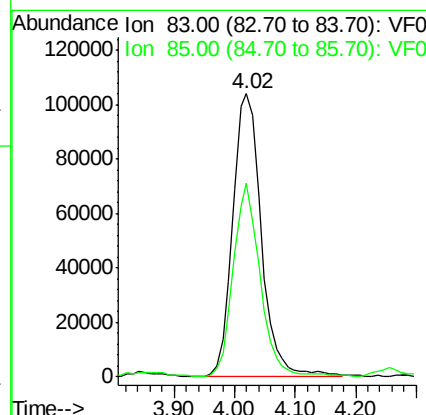
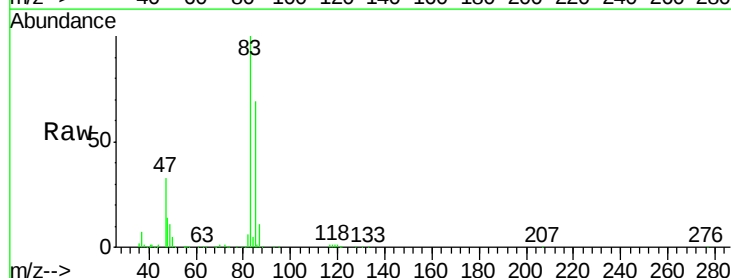
Manual Integrations
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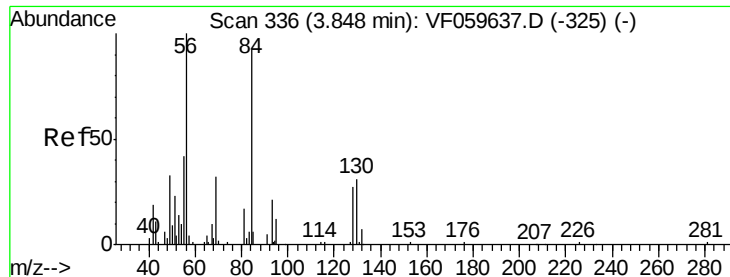
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#30
Chloroform
Concen: 62.843 ug/l
RT: 4.02 min Scan# 354
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	68.5	53.8	80.8





#31

Cyclohexane

Concen: 64.026 ug/l

RT: 3.84 min Scan# 336

Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

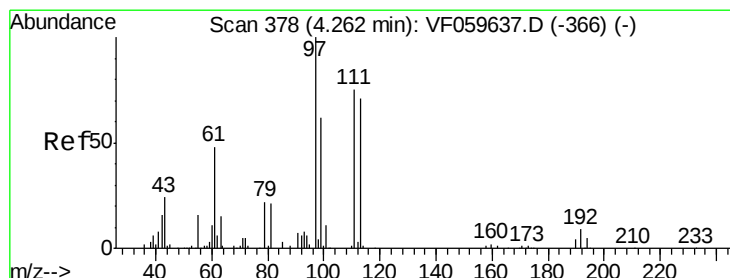
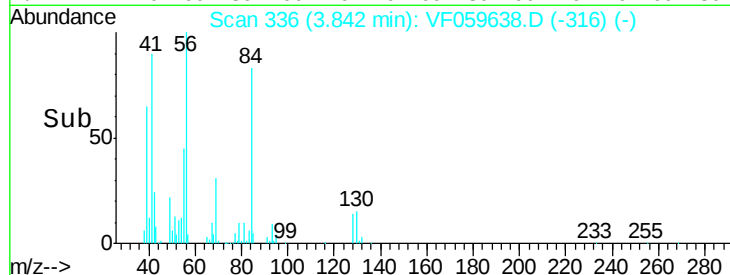
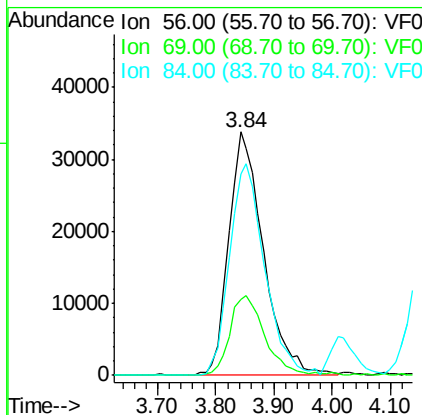
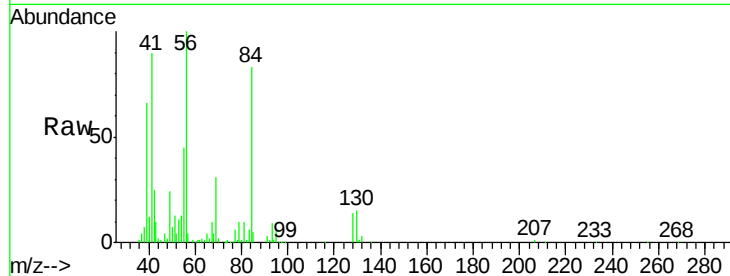
ClientSampleId :

VSTDIC075

Tot Ion:	56	Resp:	140777
Ion Ratio	Lower	Upper	
56	100		
69	31.1	26.0	39.0
84	83.0	73.5	110.3

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 58.538 ug/l

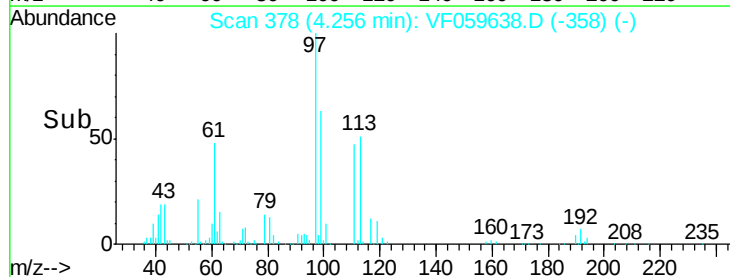
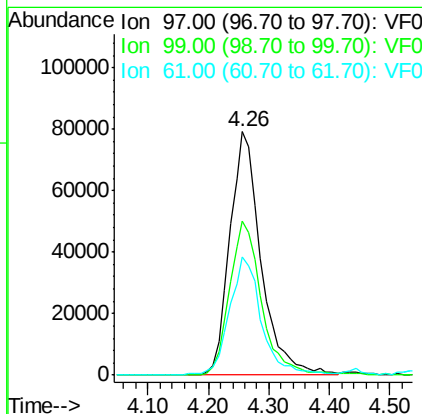
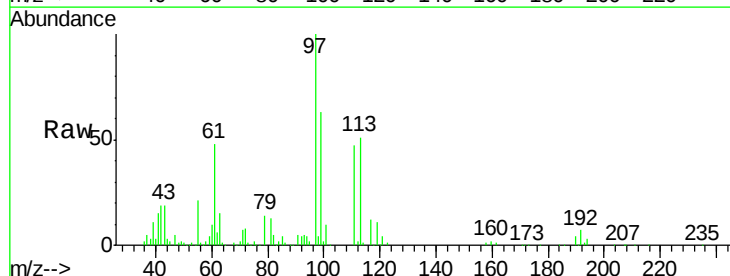
RT: 4.26 min Scan# 378

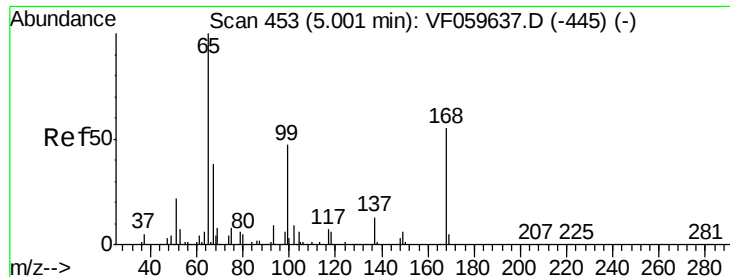
Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	97	Resp:	283504
Ion Ratio	Lower	Upper	
97	100		
99	63.1	49.8	74.6
61	48.4	38.9	58.3





#33

1,2-Dichloroethane-d4

Concen: 66.141 ug/l

RT: 5.01 min Scan# 454

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 65 Resp: 242292

Ion Ratio Lower Upper

65 100

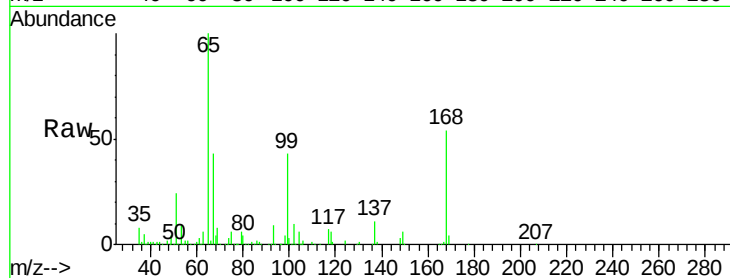
67 43.2 0.0 86.6

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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

100000

80000

60000

40000

20000

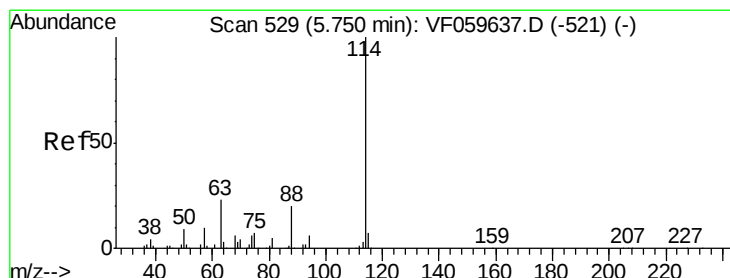
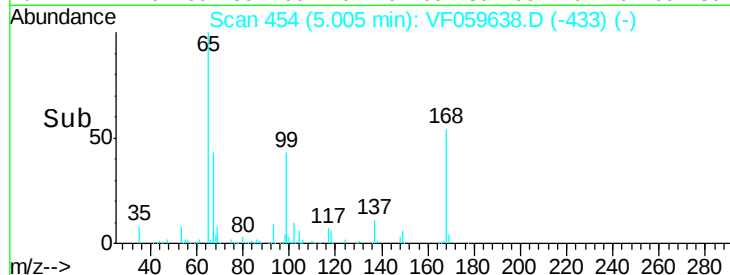
0

4.90

5.01

5.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 530

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

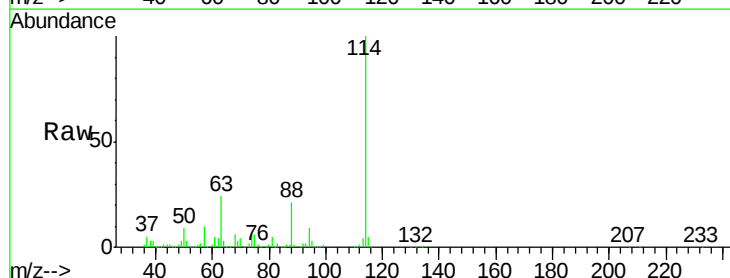
Tgt Ion:114 Resp: 335511

Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.6

88 20.7 0.0 40.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

150000

100000

50000

0

5.60

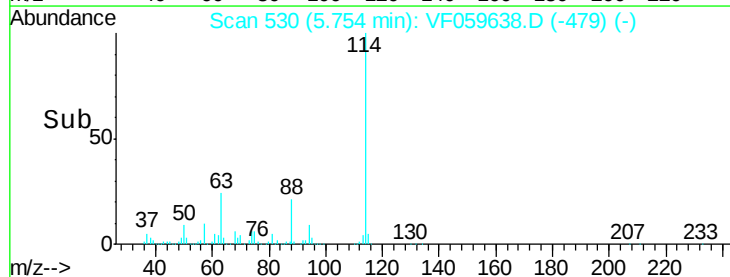
5.75

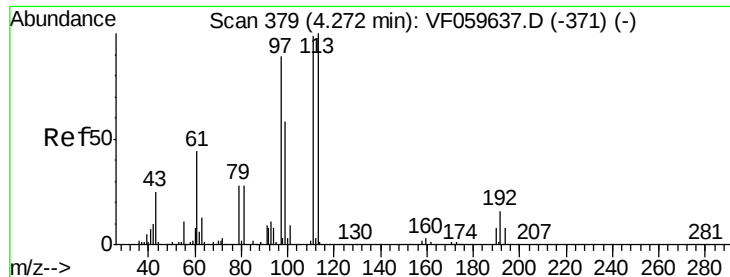
5.80

5.90

6.00

Time-->





#35

Dibromofluoromethane

Concen: 67.653 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

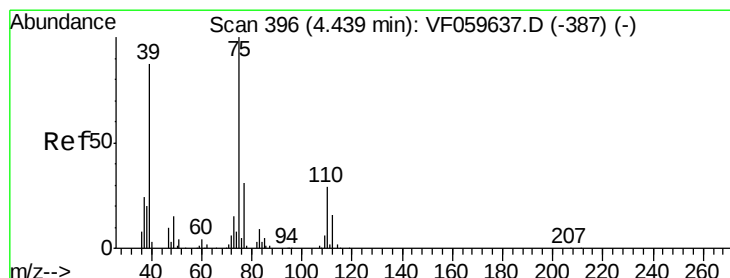
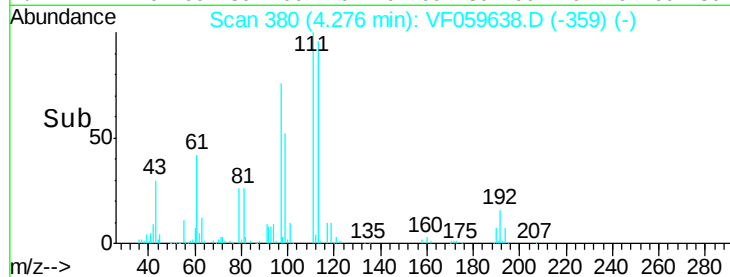
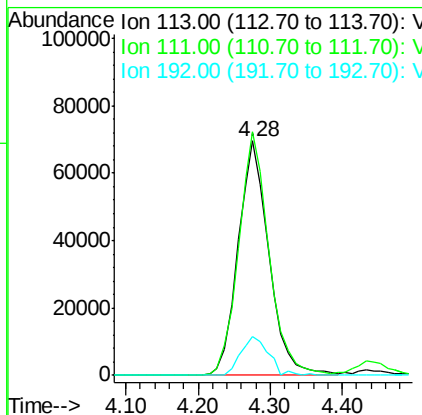
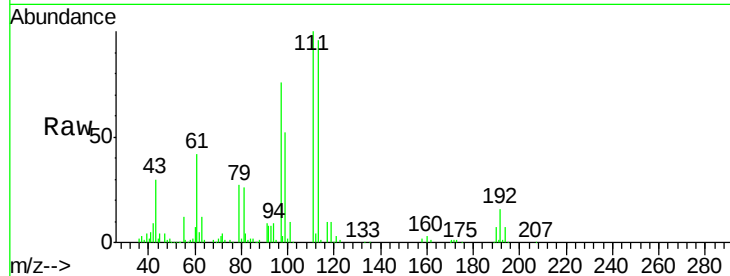
ClientSampleId :

VSTDIC075

Tot Ion:	113	Resp:	207672
Ion Ratio	Lower	Upper	
113	100		
111	103.9	79.3	118.9
192	16.8	13.4	20.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 64.611 ug/l

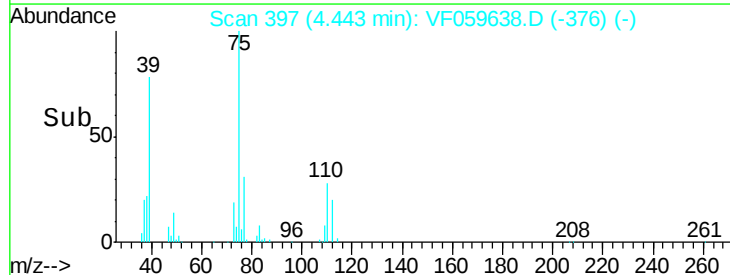
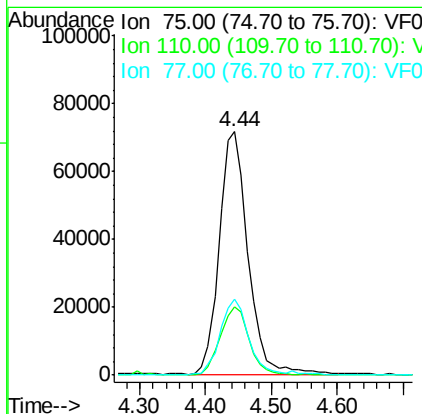
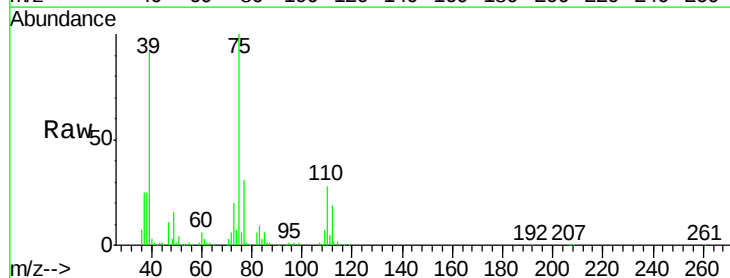
RT: 4.44 min Scan# 397

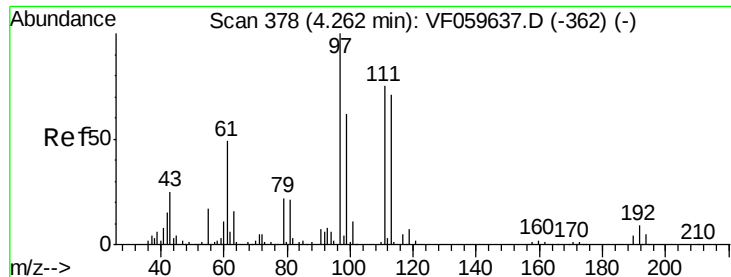
Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	75	Resp:	217997
Ion Ratio	Lower	Upper	
75	100		
110	28.1	14.6	43.8
77	31.0	24.4	36.6





#37

Ethyl Acetate

Concen: 64.773 ug/l

RT: 4.28 min Scan# 380

Delta R.T. 0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

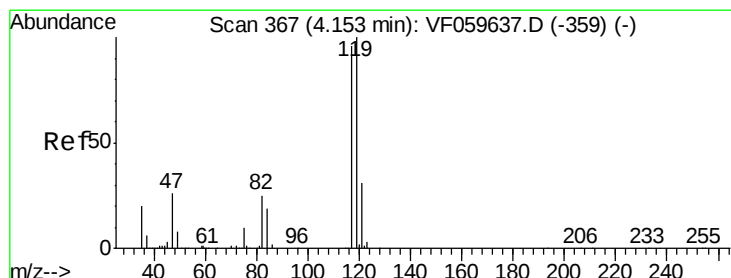
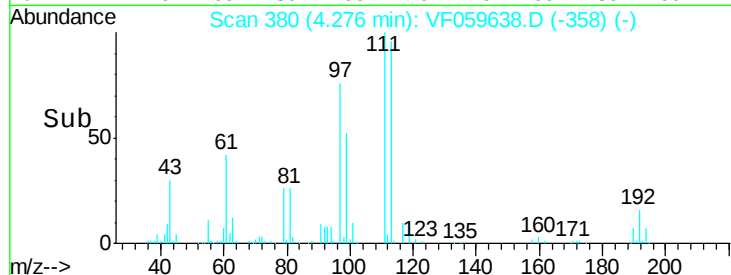
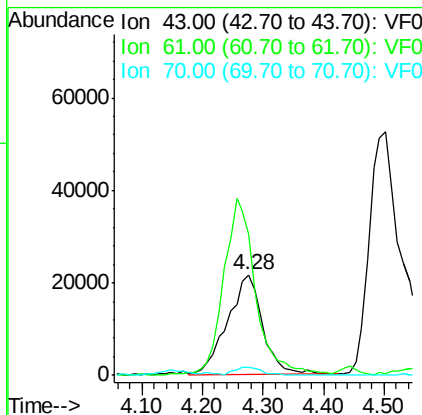
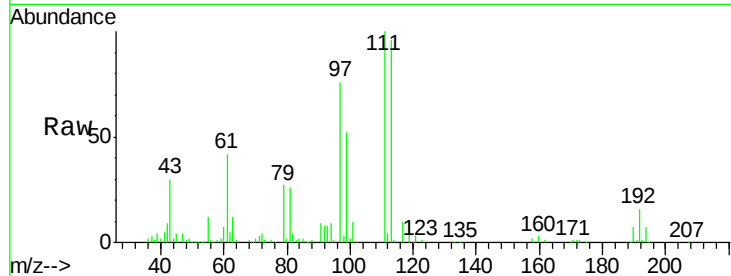
ClientSampleId :

VSTDIC075

Tot Ion:	43	Resp:	85999
Ion	Ratio	Lower	Upper
43	100		
61	140.2	156.6	234.8#
70	7.6	7.3	10.9

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 60.033 ug/l

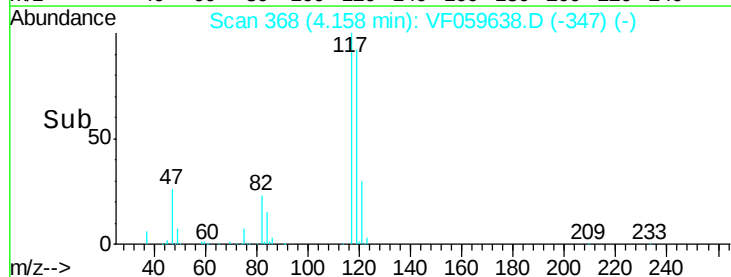
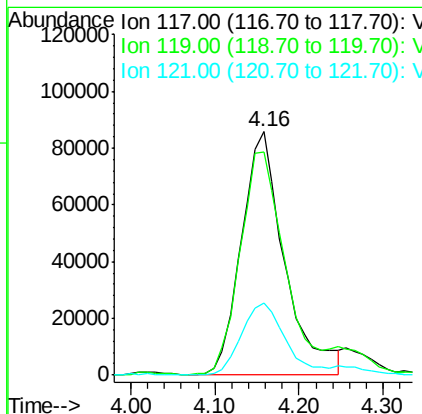
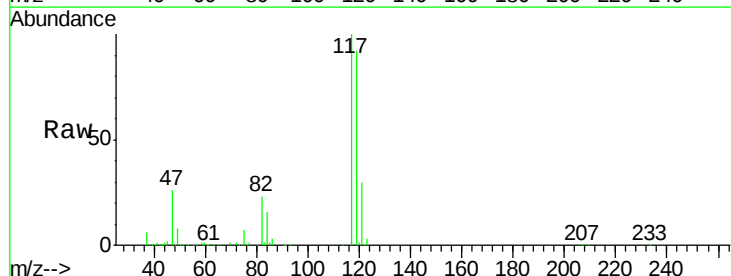
RT: 4.16 min Scan# 368

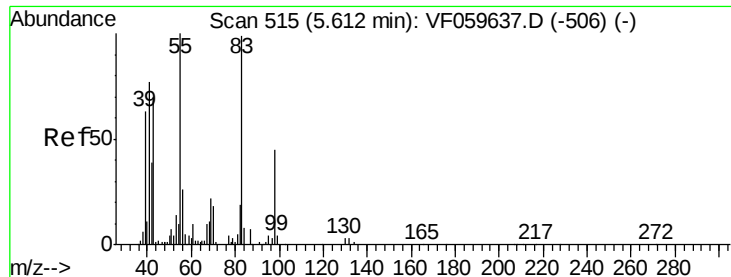
Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	117	Resp:	306587
Ion	Ratio	Lower	Upper
117	100		
119	91.6	83.0	124.6
121	29.8	26.2	39.4





#39

Methylcyclohexane

Concen: 60.181 ug/l

RT: 5.62 min Scan# 516

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

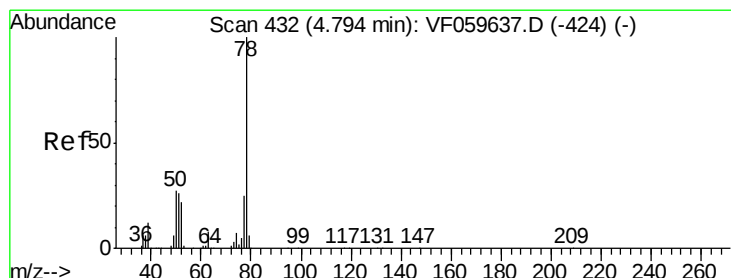
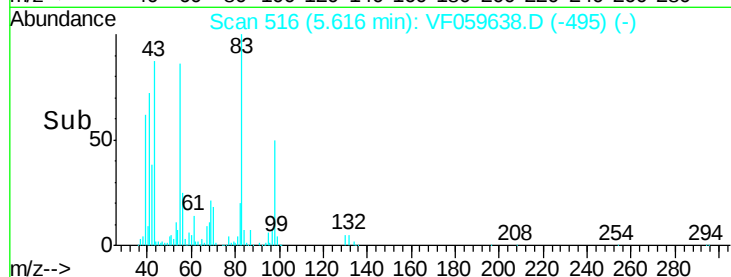
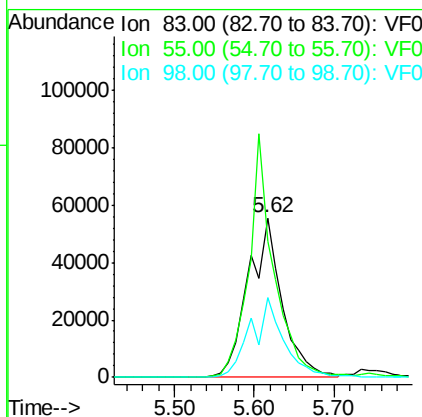
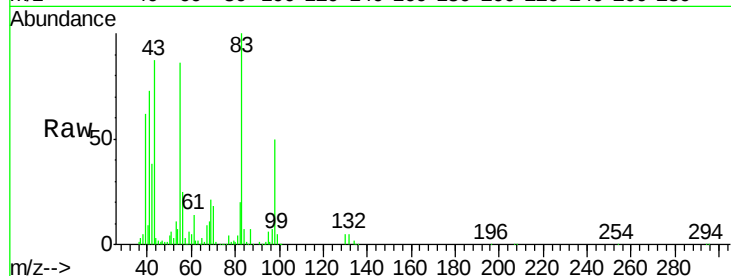
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	163778
Ion	Ratio	Lower	Upper
83	100		
55	85.7	81.5	122.3
98	49.8	36.7	55.1

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#40

Benzene

Concen: 63.111 ug/l

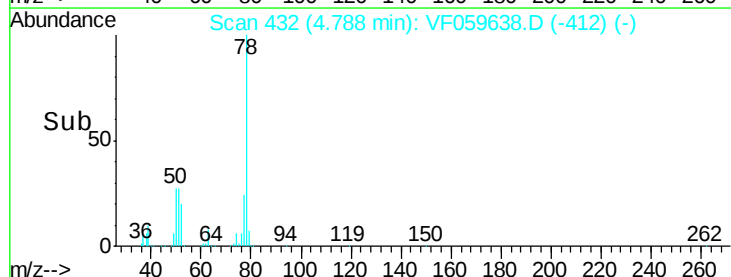
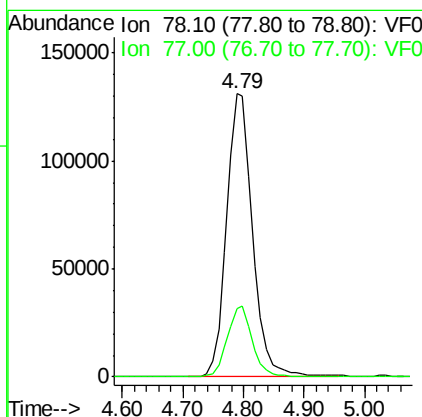
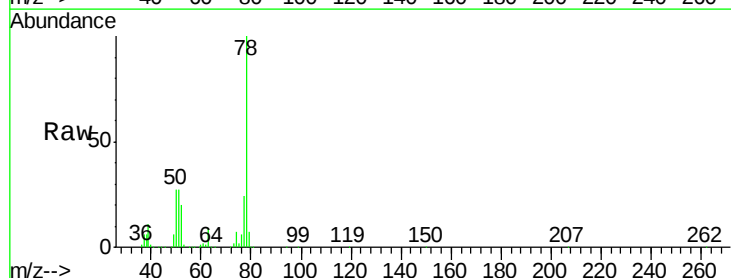
RT: 4.79 min Scan# 432

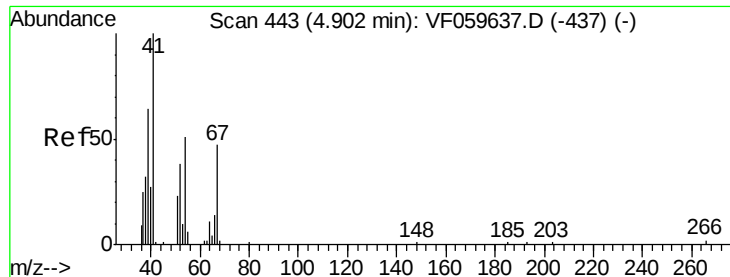
Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	78	Resp:	389272
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.8	29.6





#41

Methacrylonitrile

Concen: 62.851 ug/l

RT: 4.91 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

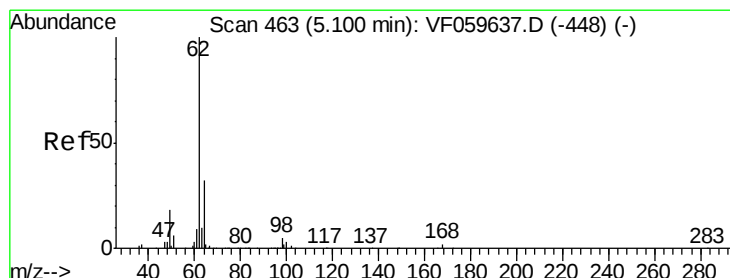
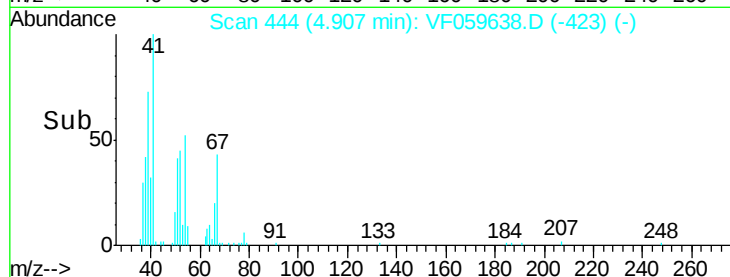
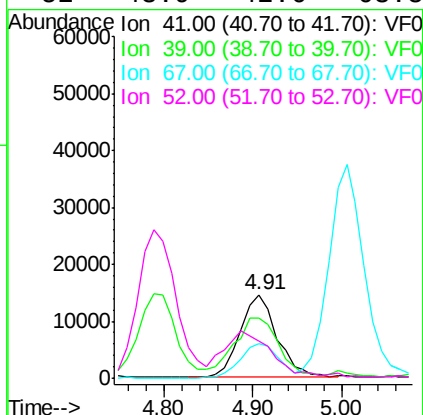
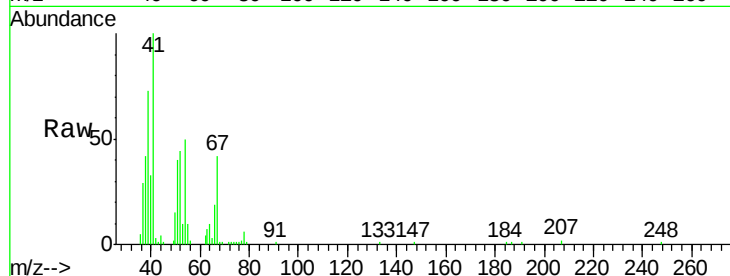
ClientSampleId :

VSTDIC075

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.6	56.9	85.3
67	41.5	36.6	54.8
52	43.9	42.6	63.8

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 58.977 ug/l

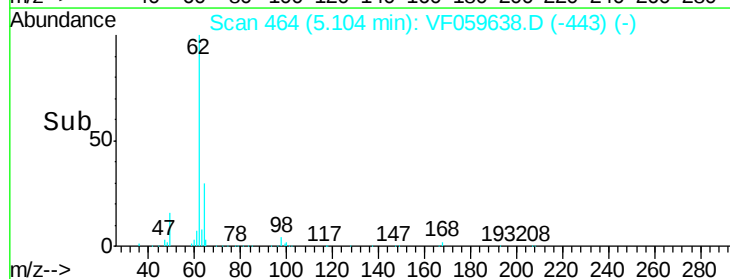
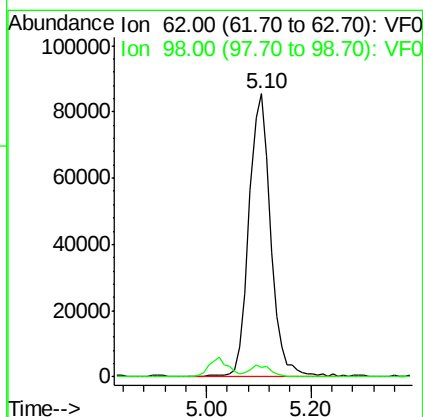
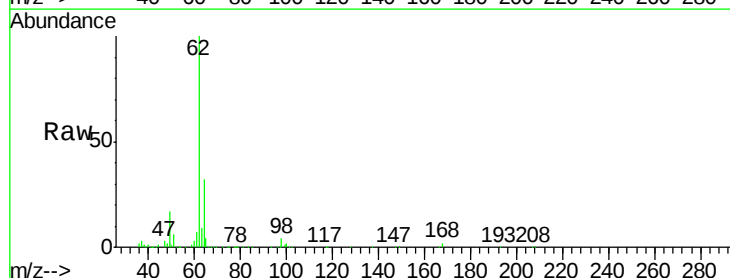
RT: 5.10 min Scan# 464

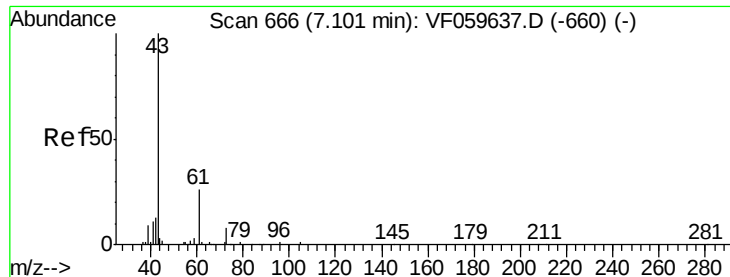
Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
62	100		
98	3.6	0.0	10.6





#43

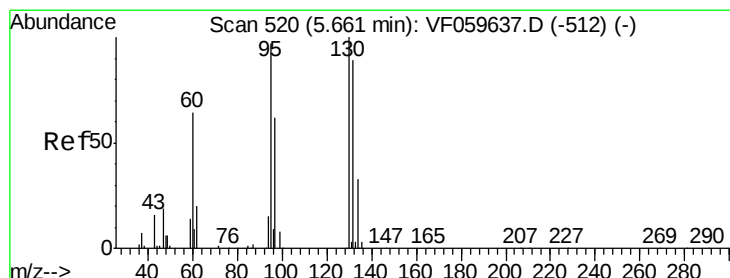
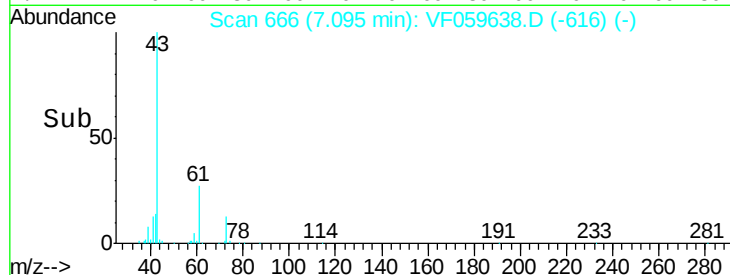
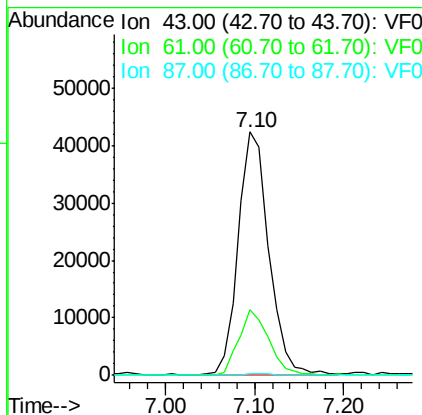
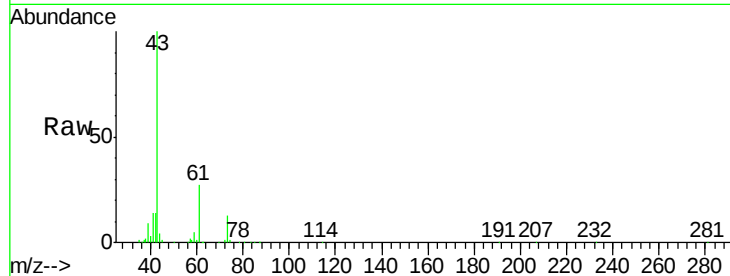
Isopropyl Acetate
 Concen: 60.892 ug/l
 RT: 7.10 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: VF059638.D
 Acq: 24 Jul 2018 17:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.9	20.5	30.7
87	0.8	0.4	0.6

Manual Integrations
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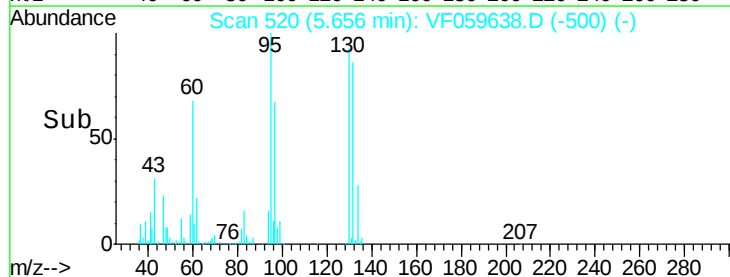
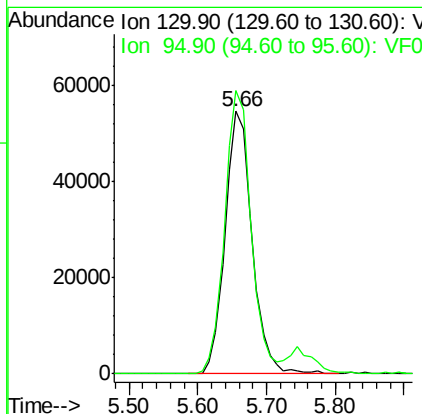
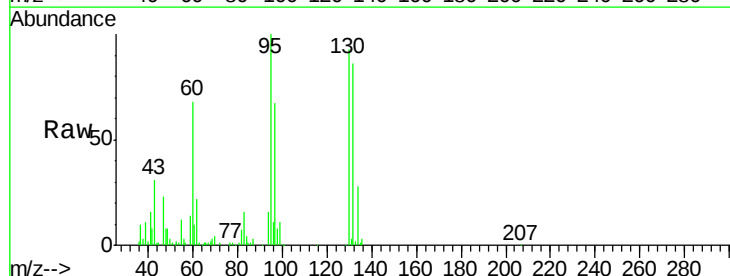
apatel
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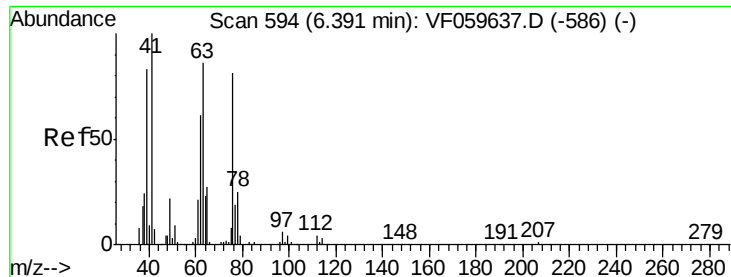


#44

Trichloroethene
 Concen: 62.900 ug/l
 RT: 5.66 min Scan# 520
 Delta R.T. -0.01 min
 Lab File: VF059638.D
 Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	107.9	0.0	193.4





#45

1,2-Dichloropropane

Concen: 62.304 ug/l

RT: 6.39 min Scan# 594

Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 63 Resp: 102756

Ion Ratio Lower Upper

63 100

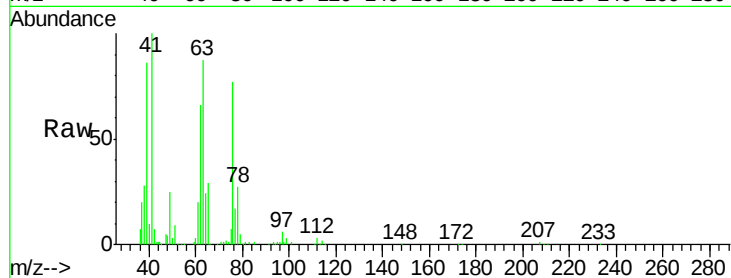
65 33.6 25.1 37.7

Manual Integrations

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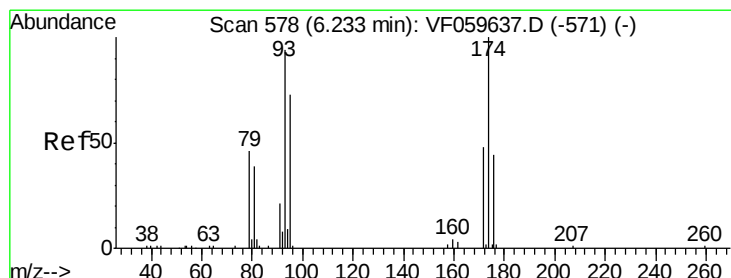
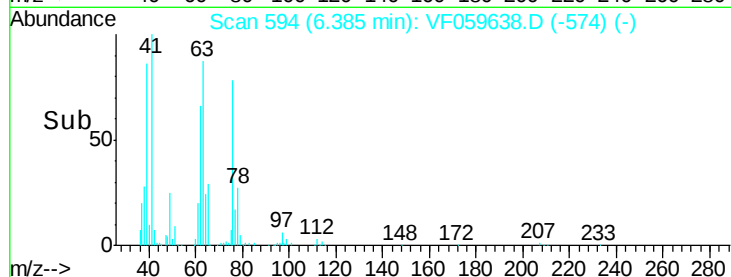
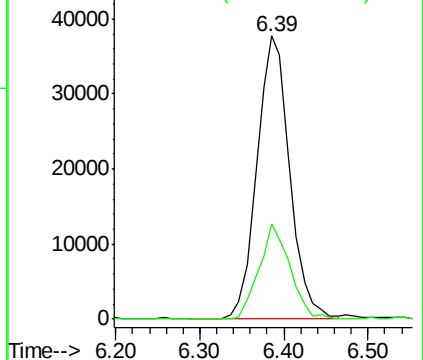
apatel

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Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 63.970 ug/l

RT: 6.24 min Scan# 579

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

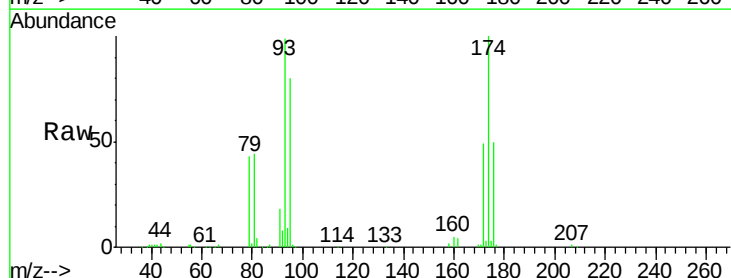
Tgt Ion: 93 Resp: 85767

Ion Ratio Lower Upper

93 100

95 81.0 63.1 94.7

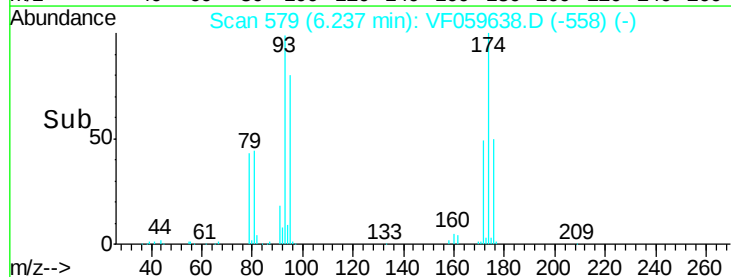
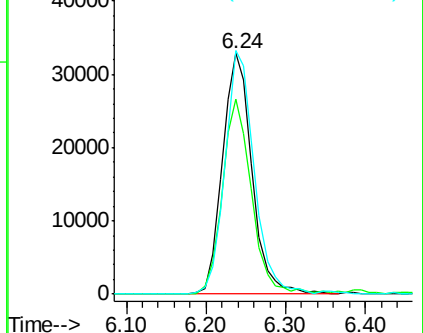
174 101.1 85.3 127.9

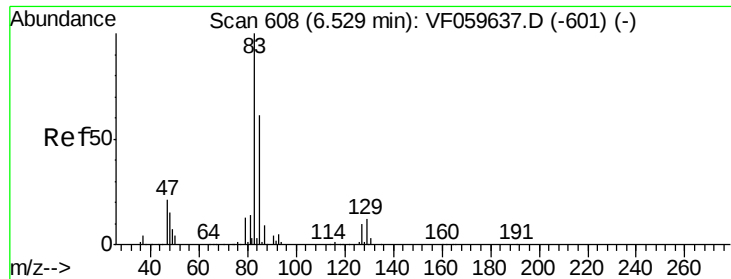


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 61.255 ug/l

RT: 6.53 min Scan# 609

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

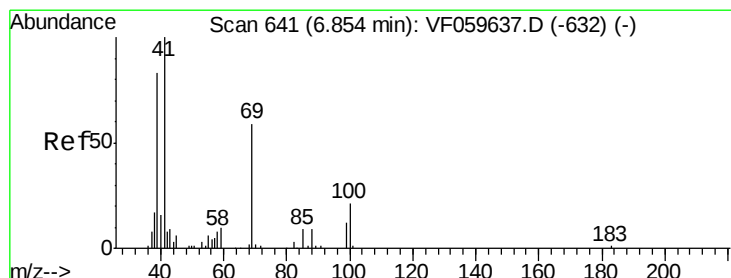
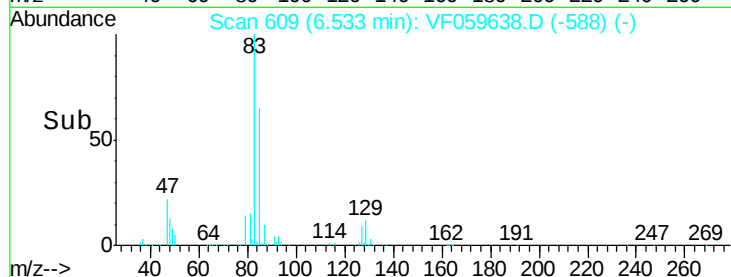
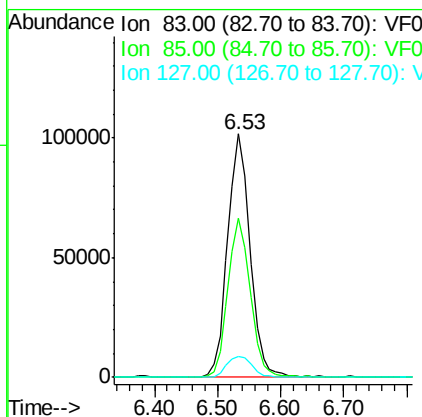
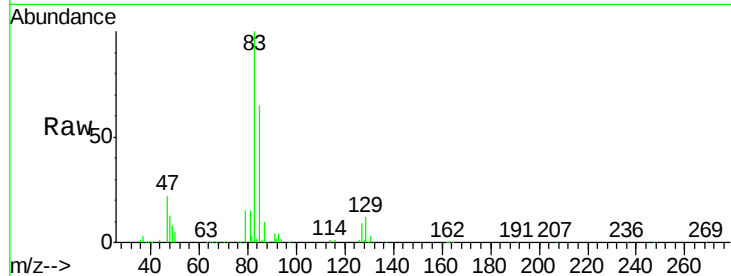
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	251493
Ion Ratio	Lower	Upper	
83	100		
85	65.2	48.6	72.8
127	8.8	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 60.436 ug/l

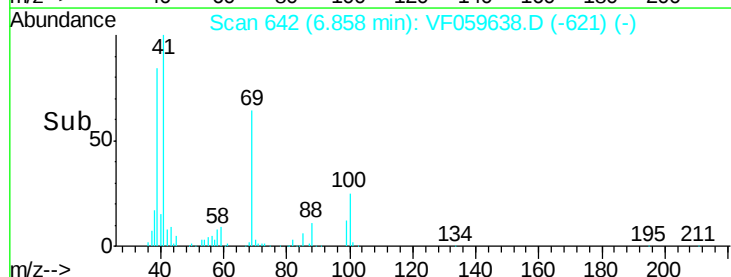
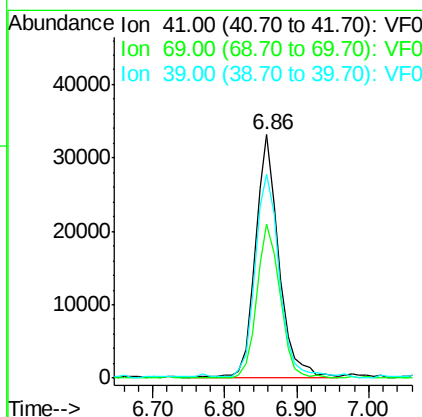
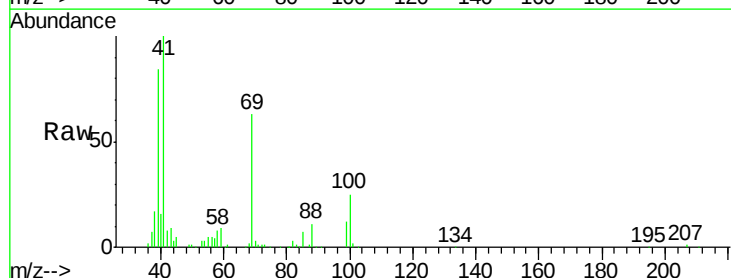
RT: 6.86 min Scan# 642

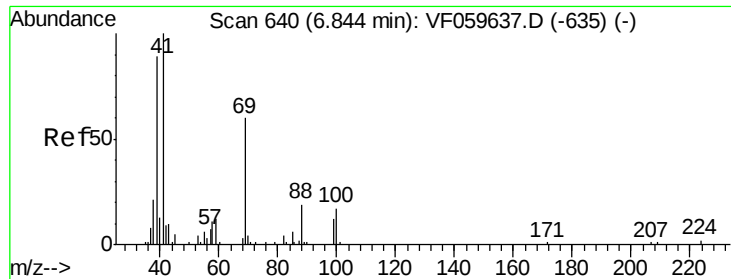
Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	41	Resp:	76080
Ion Ratio	Lower	Upper	
41	100		
69	63.2	47.5	71.3
39	83.9	67.0	100.6





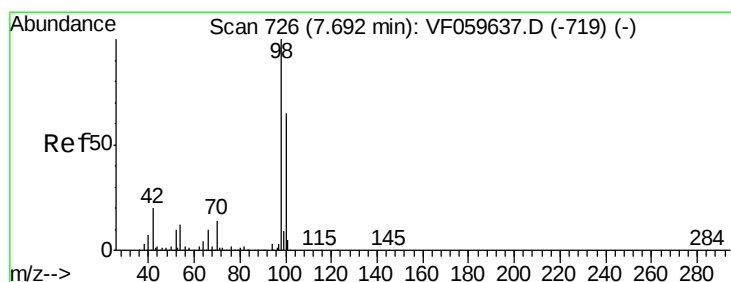
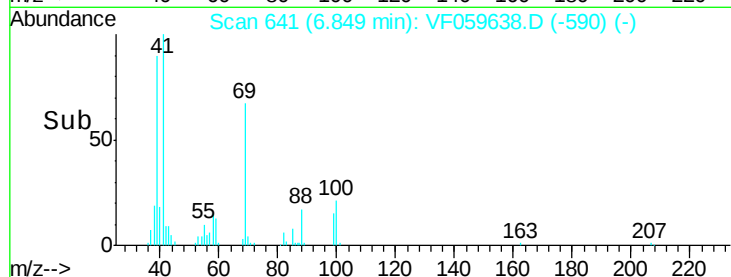
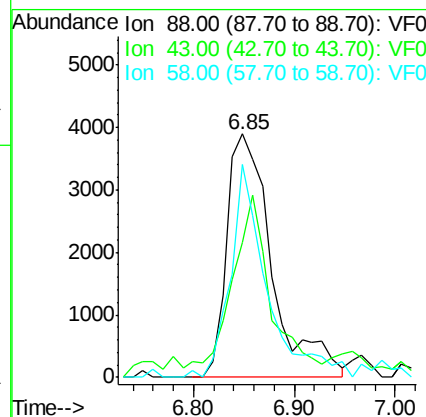
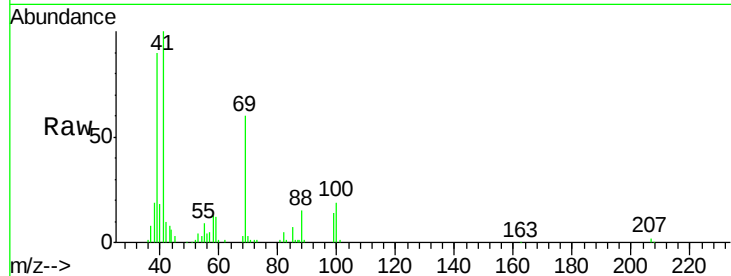
#49
1,4-Dioxane
Concen: 1378.551 ug/l
RT: 6.85 min Scan# 641
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
88	100		
43	55.3	45.3	67.9
58	87.4	47.7	71.5#

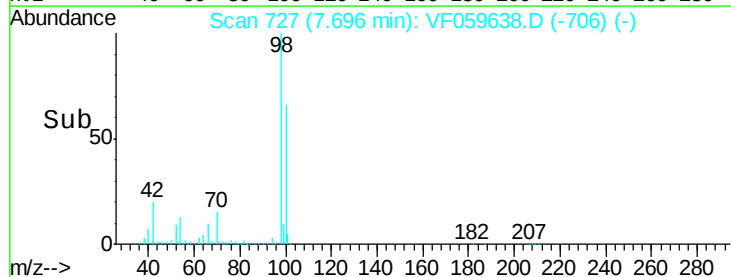
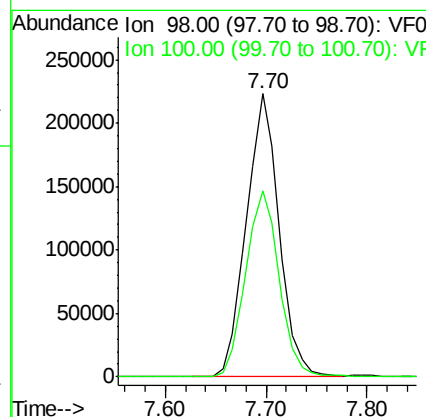
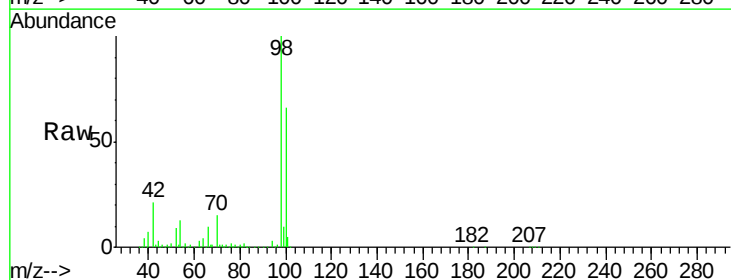
Manual Integrations
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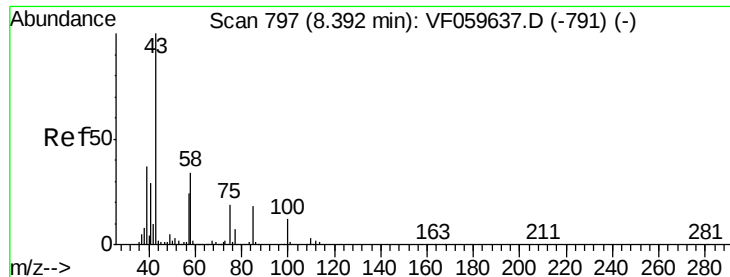
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#50
Toluene-d8
Concen: 66.007 ug/l
RT: 7.70 min Scan# 727
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 302.690 ug/l

RT: 8.40 min Scan# 798

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 374390

Ion Ratio Lower Upper

43 100

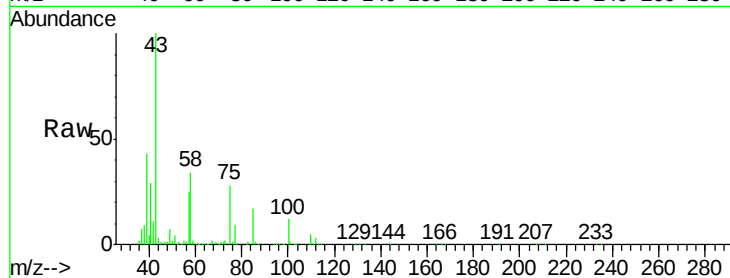
58 34.1 27.3 40.9

Manual Integrations

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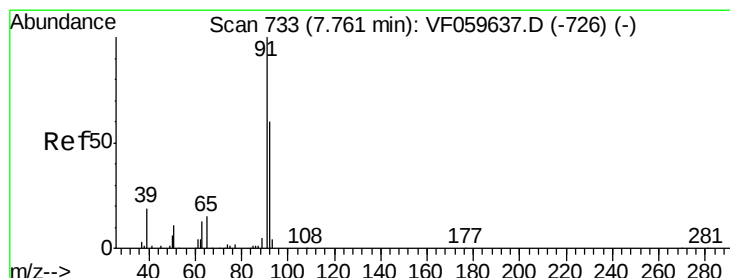
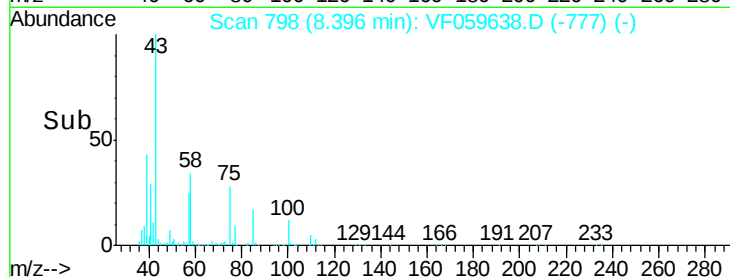
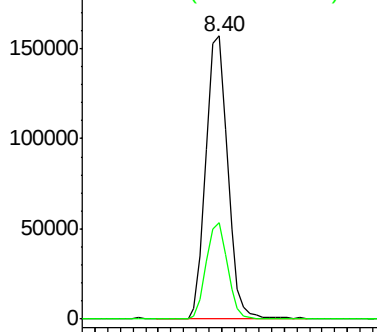
apatel

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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: 58.223 ug/l

RT: 7.77 min Scan# 734

Delta R.T. 0.00 min

Lab File: VF059638.D

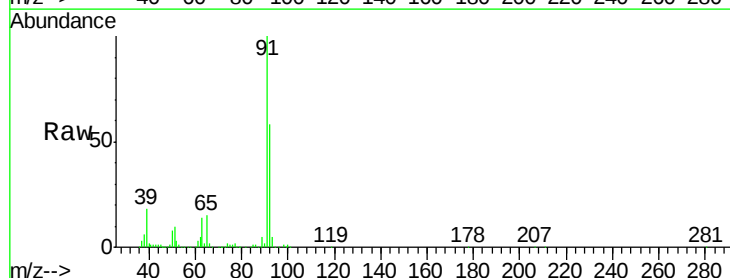
Acq: 24 Jul 2018 17:58

Tgt Ion: 92 Resp: 271611

Ion Ratio Lower Upper

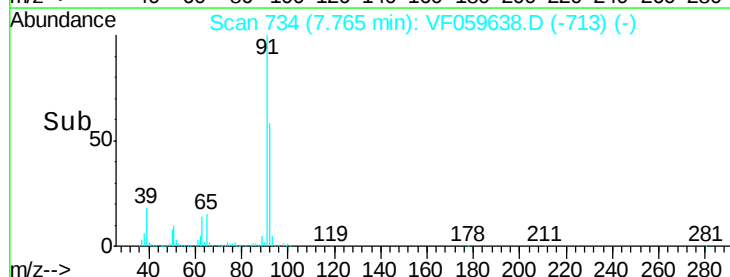
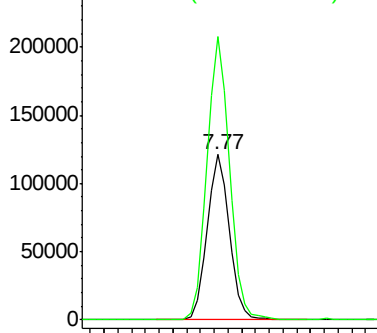
92 100

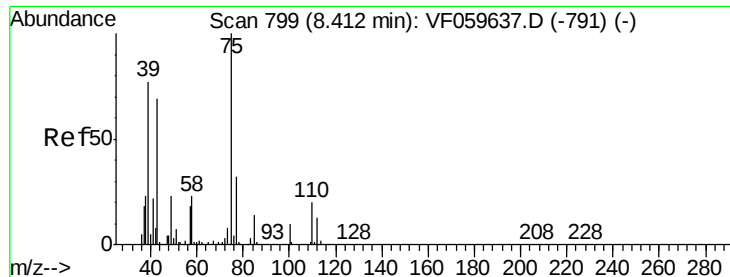
91 171.1 134.2 201.4



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: 59.949 ug/l

RT: 8.42 min Scan# 800

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 75 Resp: 206007

Ion Ratio Lower Upper

75 100

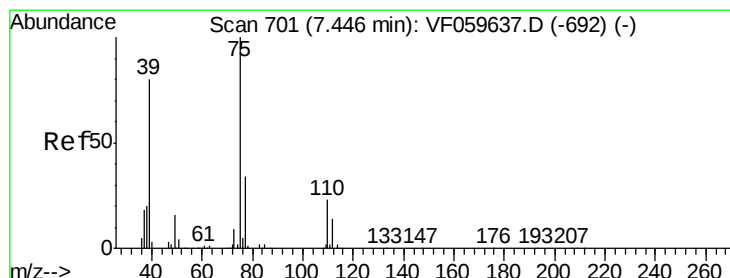
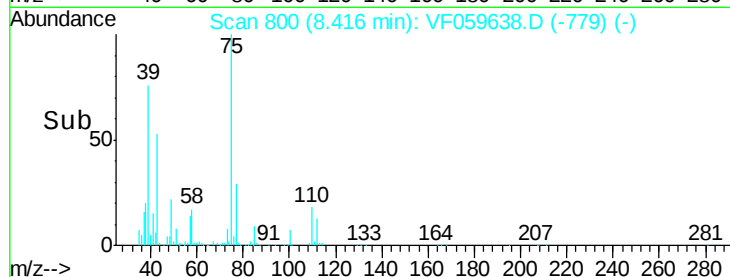
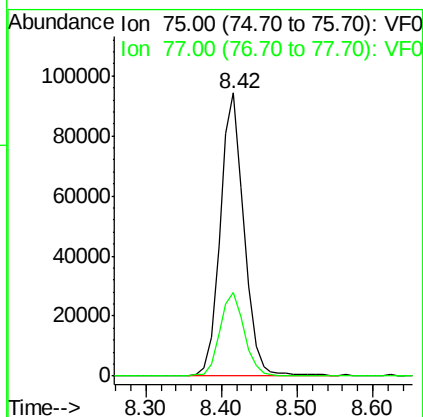
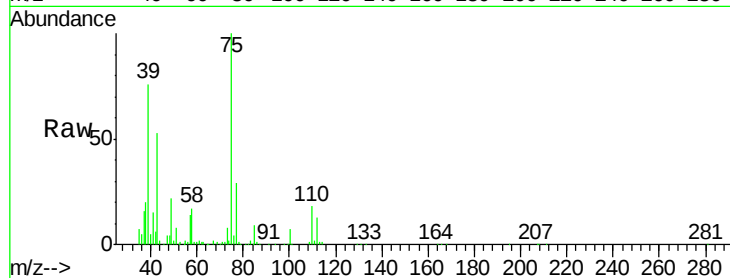
77 29.4 25.2 37.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 62.725 ug/l

RT: 7.45 min Scan# 702

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

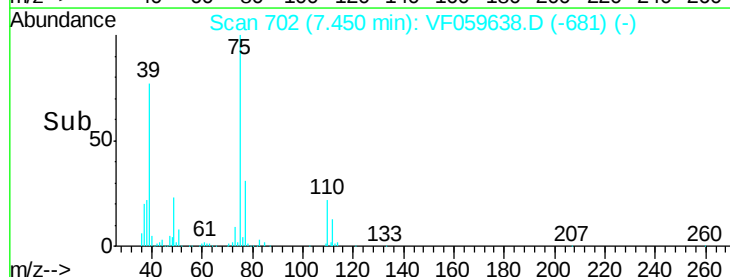
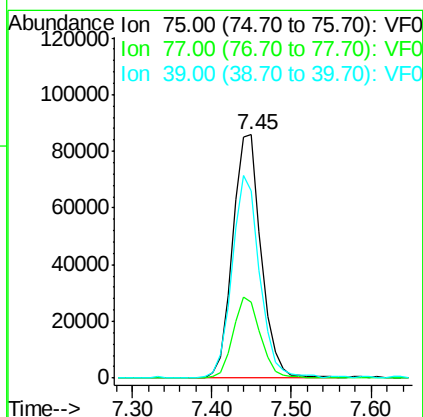
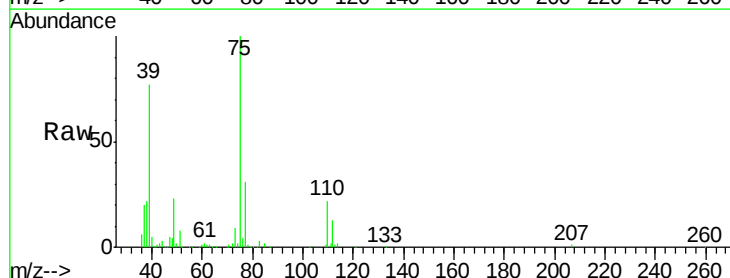
Tgt Ion: 75 Resp: 214723

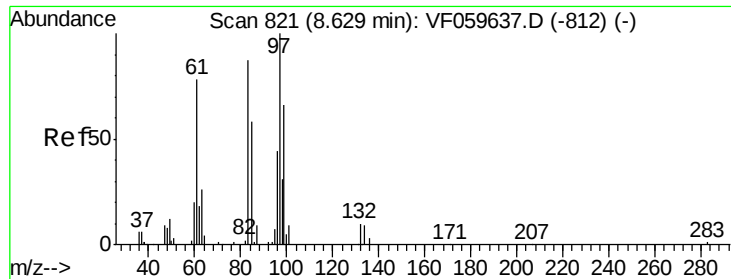
Ion Ratio Lower Upper

75 100

77 31.0 27.5 41.3

39 77.1 64.4 96.6





#55

1,1,2-Trichloroethane

Concen: 59.759 ug/l

RT: 8.62 min Scan# 821

Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

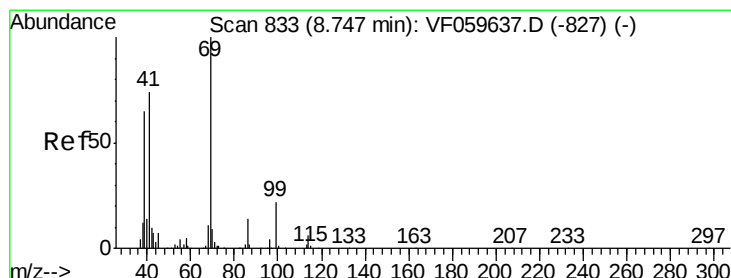
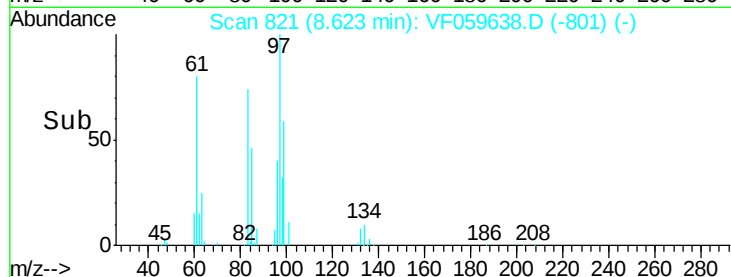
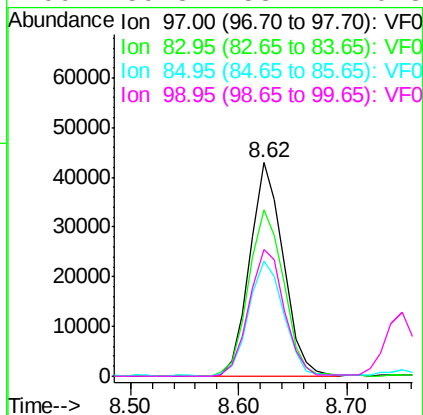
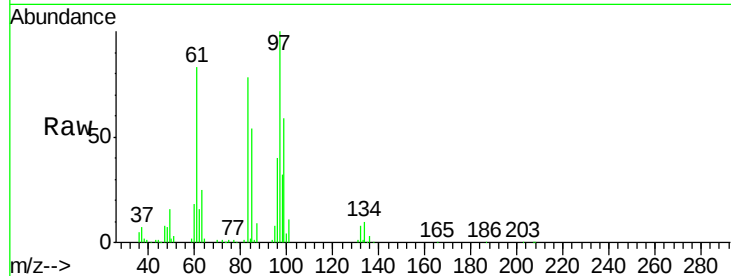
ClientSampleId :

VSTDIC075

Tot Ion:	97	Resp:	92476
Ion	Ratio	Lower	Upper
97	100		
83	78.1	69.5	104.3
85	54.1	46.0	69.0
99	59.3	53.2	79.8

Manual Integrations
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#56

Ethyl methacrylate

Concen: 64.418 ug/l

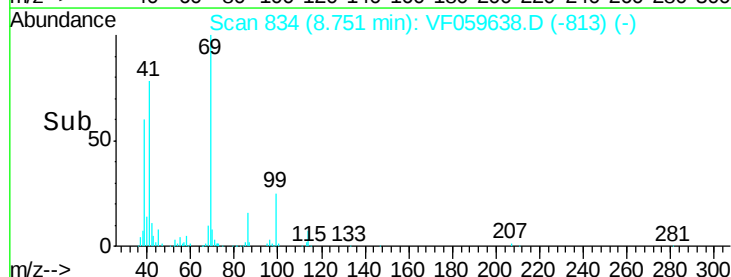
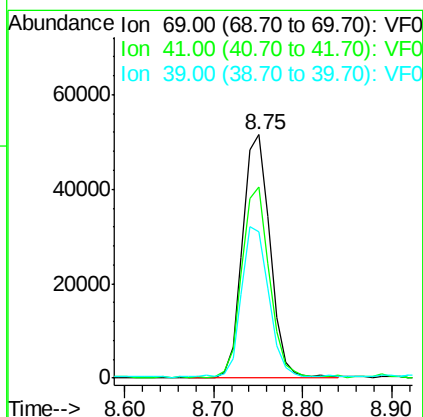
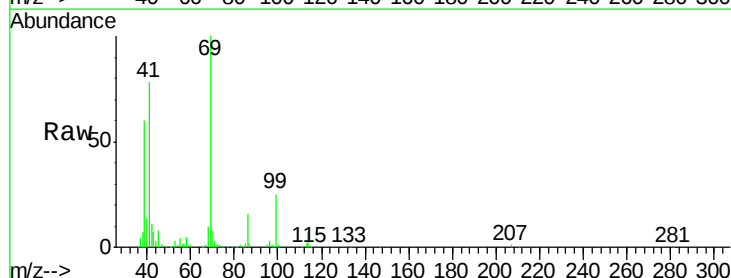
RT: 8.75 min Scan# 834

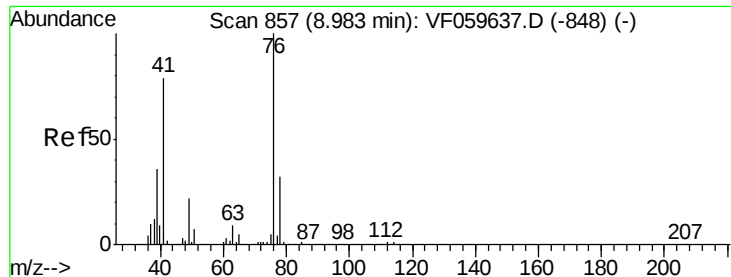
Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	69	Resp:	110510
Ion	Ratio	Lower	Upper
69	100		
41	78.3	59.1	88.7
39	60.2	52.4	78.6





#57

1,3-Dichloropropane

Concen: 61.099 ug/l

RT: 8.99 min Scan# 858

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 76 Resp: 165223

Ion Ratio Lower Upper

76 100

78 29.8

25.5

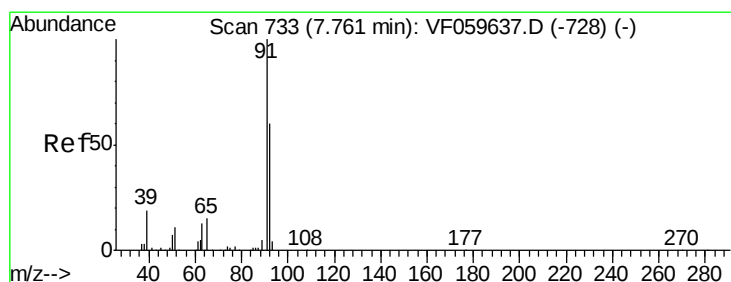
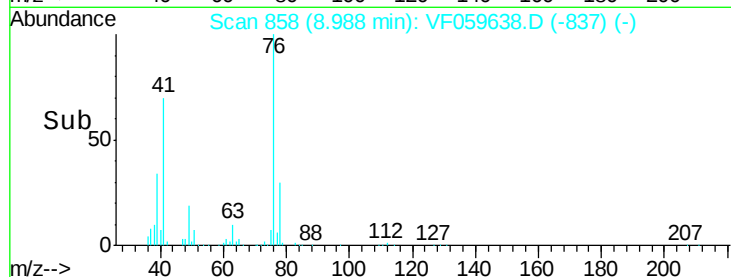
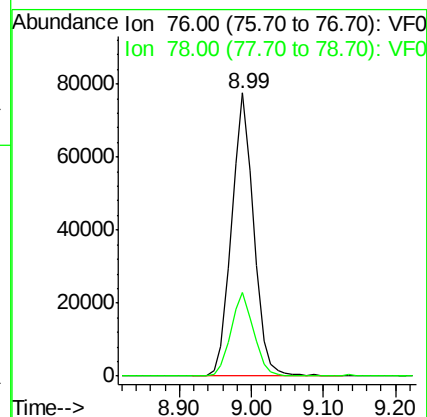
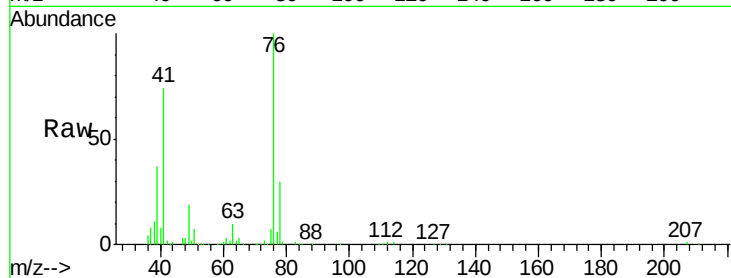
38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 304.143 ug/l

RT: 7.77 min Scan# 734

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion: 63 Resp: 61931

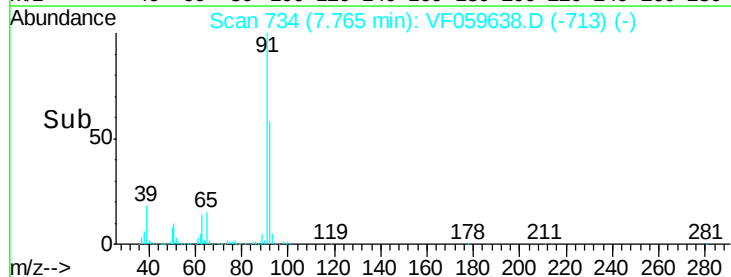
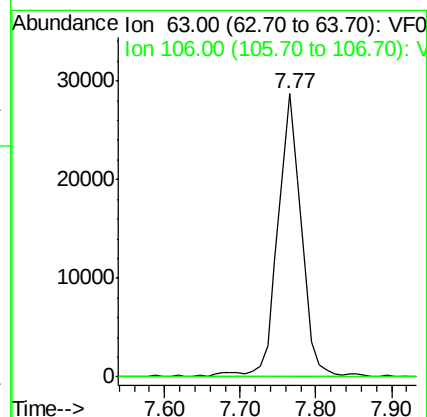
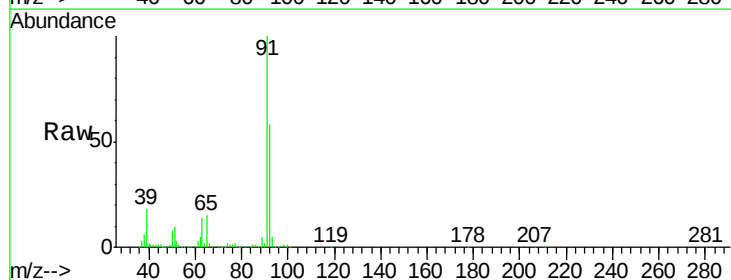
Ion Ratio Lower Upper

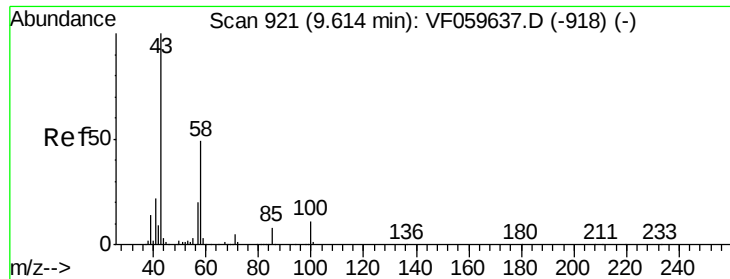
63 100

106 0.0

0.0

0.0





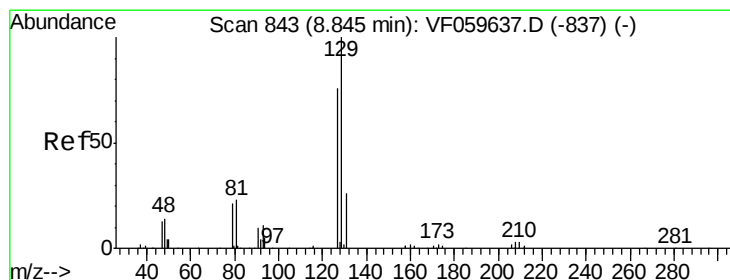
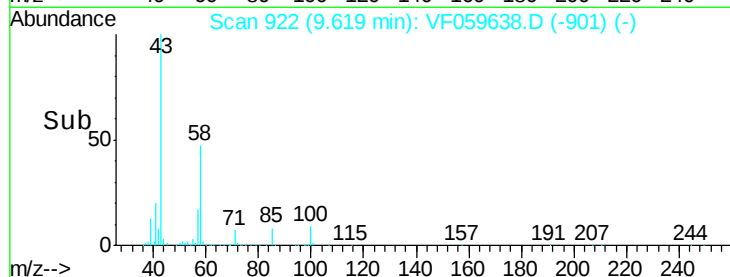
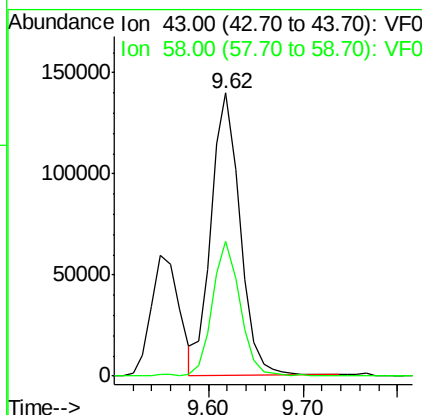
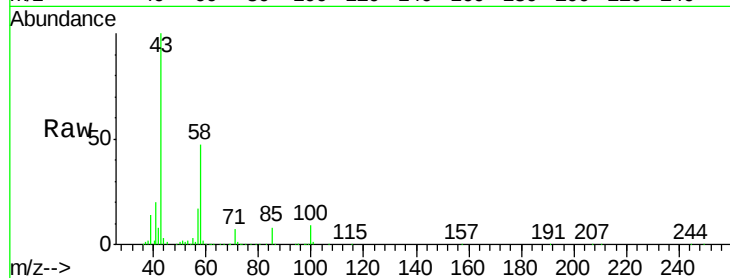
#59
2-Hexanone
Concen: 301.863 ug/l
RT: 9.62 min Scan# 922
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion: 43 Resp: 296623
Ion Ratio Lower Upper
43 100
58 47.5 23.6 71.0

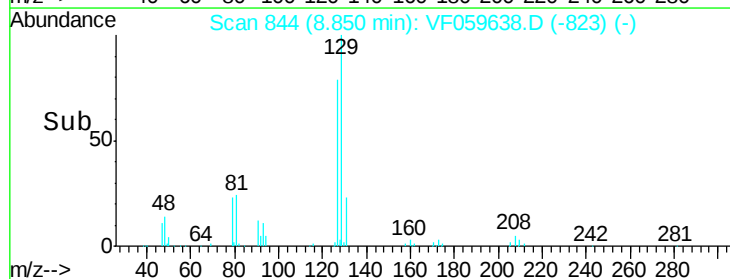
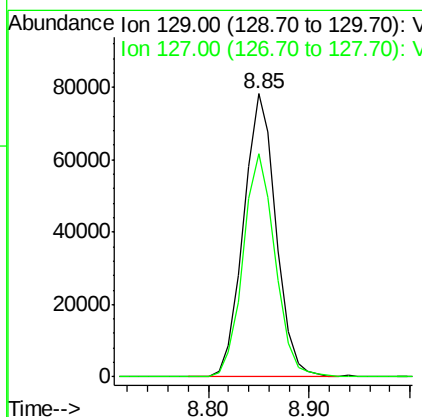
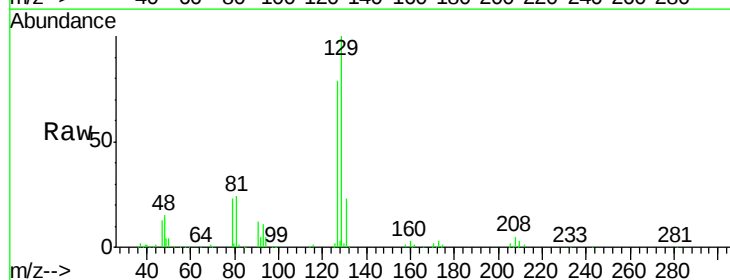
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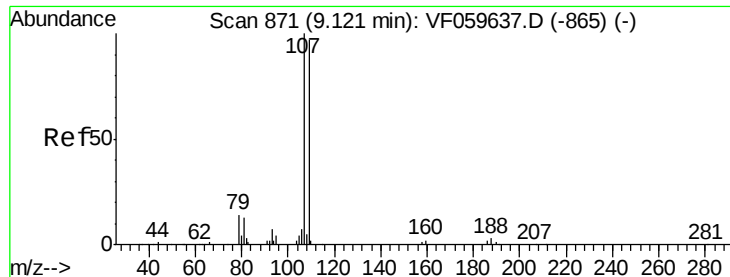
apatel
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#60
Dibromochloromethane
Concen: 63.075 ug/l
RT: 8.85 min Scan# 844
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion: 129 Resp: 175272
Ion Ratio Lower Upper
129 100
127 78.7 38.1 114.5





#61

1,2-Dibromoethane

Concen: 63.660 ug/l

RT: 9.13 min Scan# 872

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 107 Resp: 113384

Ion Ratio Lower Upper

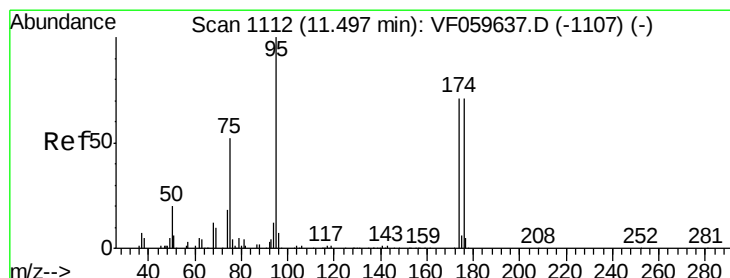
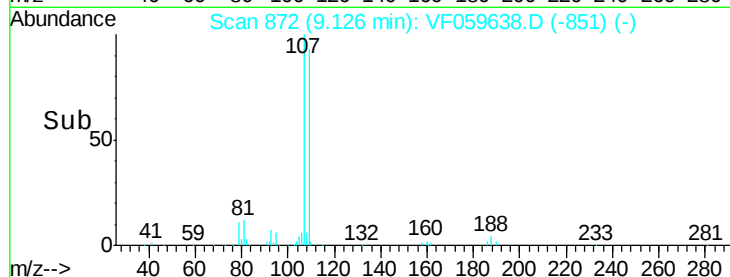
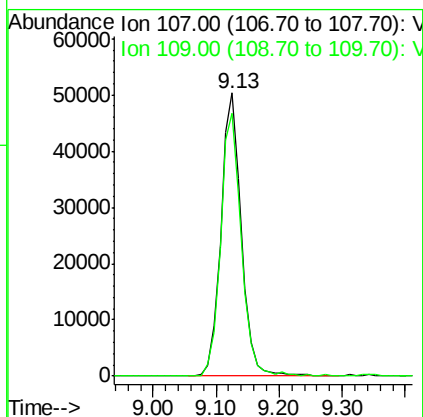
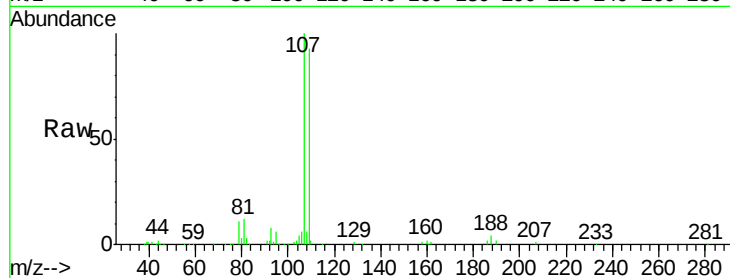
107 100

109 92.8 77.3 115.9

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#62

4-Bromofluorobenzene

Concen: 63.615 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

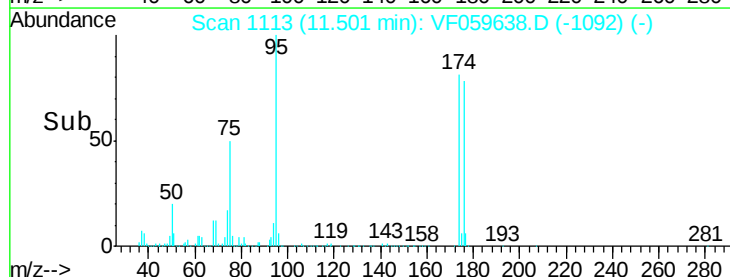
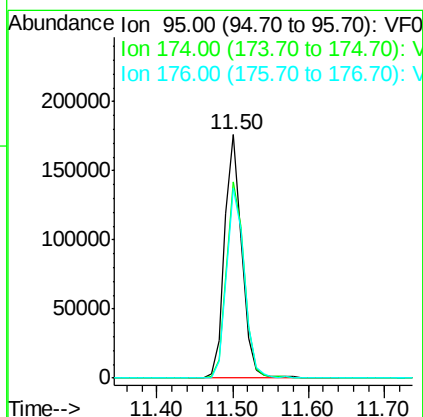
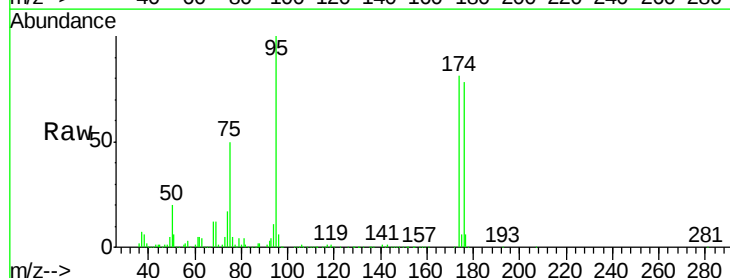
Tgt Ion: 95 Resp: 278552

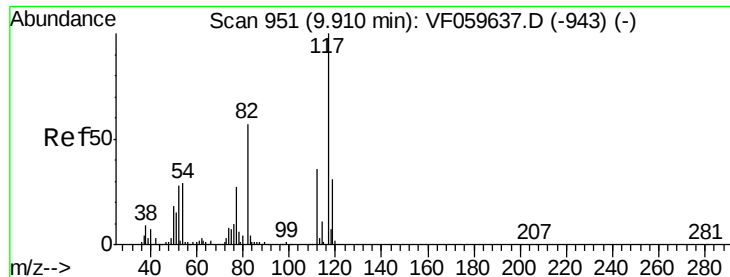
Ion Ratio Lower Upper

95 100

174 80.6 0.0 141.8

176 78.2 0.0 142.0





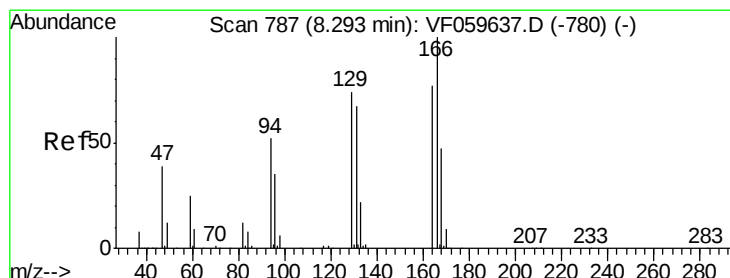
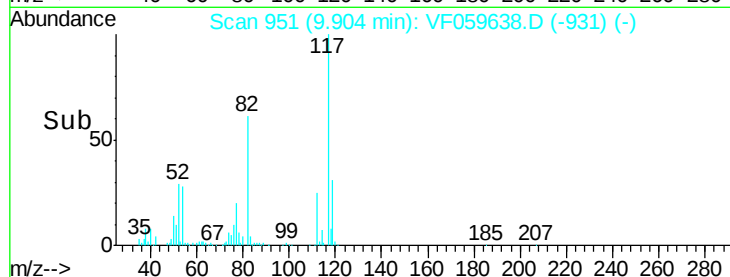
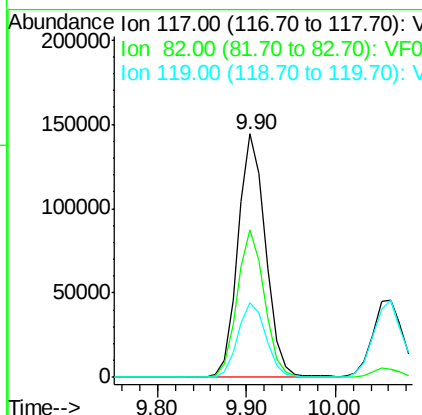
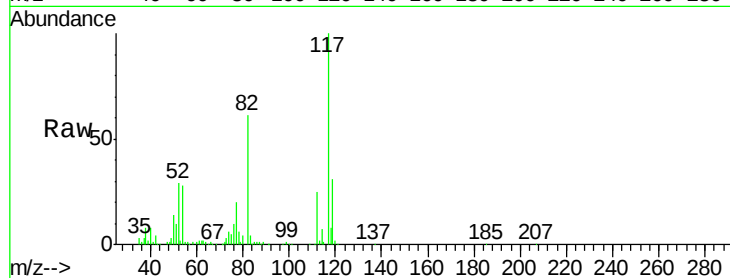
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 951
Delta R.T. -0.01 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
117	100	311127		
82	60.8	45.9	68.9	
119	30.9	25.1	37.7	

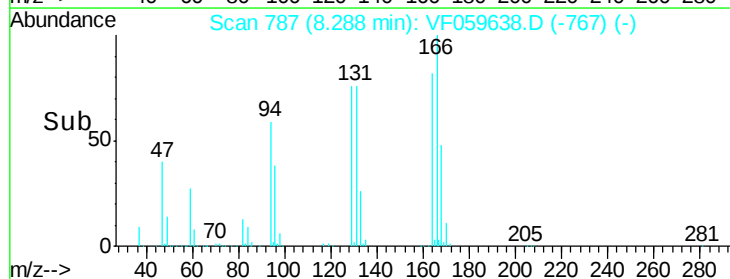
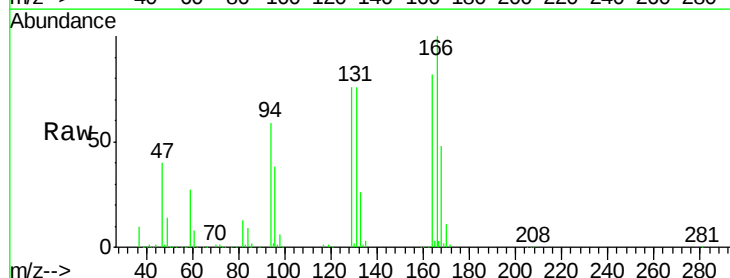
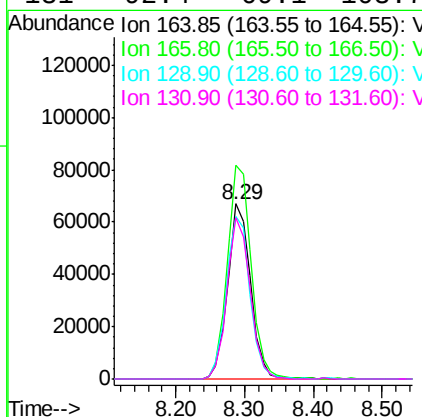
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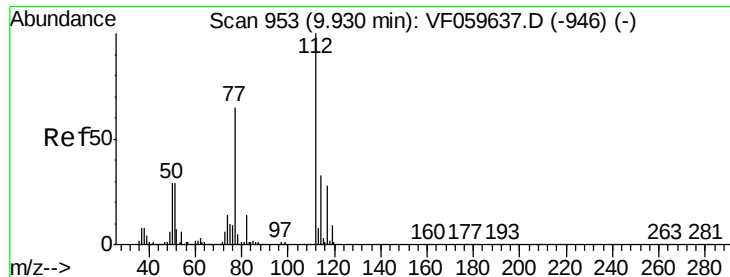
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#64
Tetrachloroethene
Concen: 66.298 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.01 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	154444		
166	122.0	103.3	154.9	
129	92.8	76.2	114.2	
131	92.4	69.1	103.7	





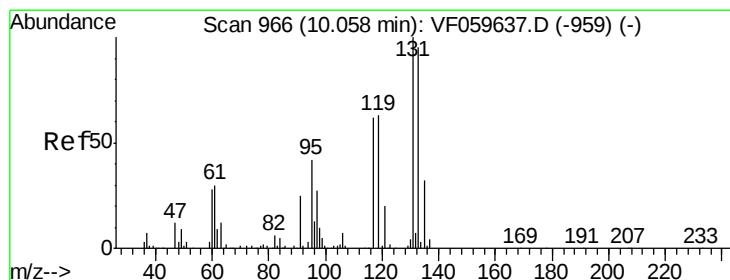
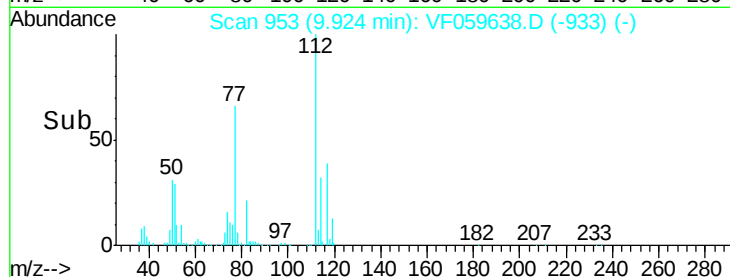
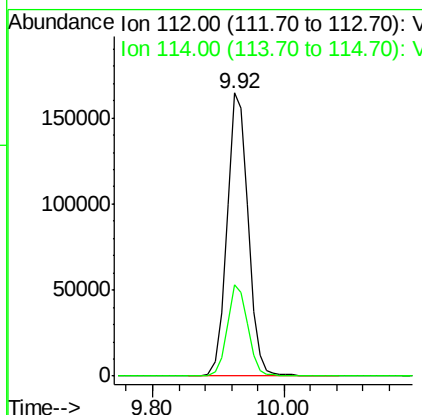
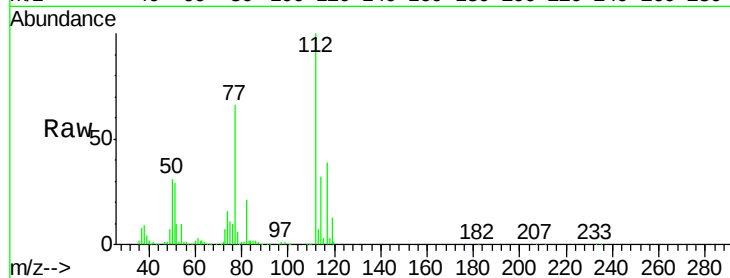
#65
Chlorobenzene
Concen: 65.409 ug/l
RT: 9.92 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.4	39.6

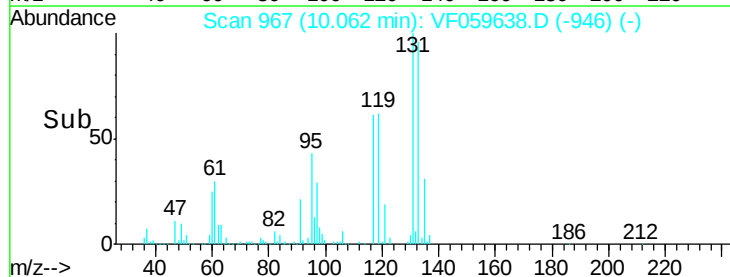
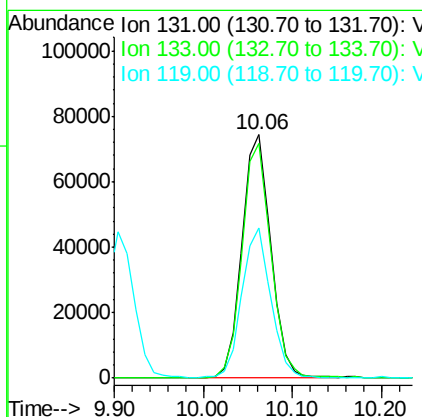
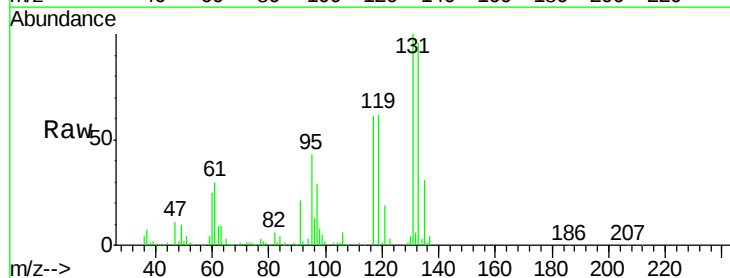
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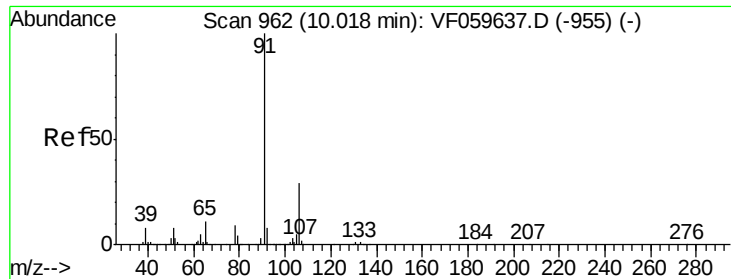
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#66
1,1,1,2-Tetrachloroethane
Concen: 64.558 ug/l
RT: 10.06 min Scan# 967
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.5	142.6
119	61.9	31.8	95.4





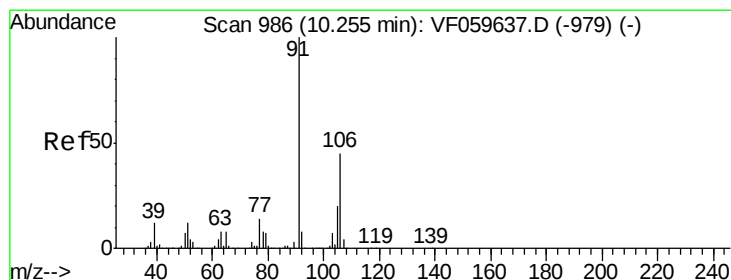
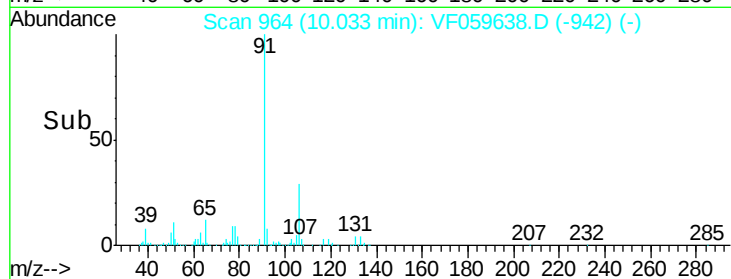
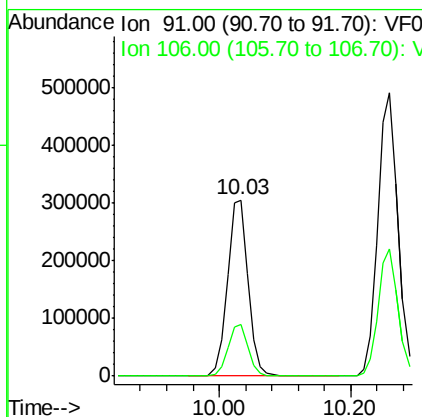
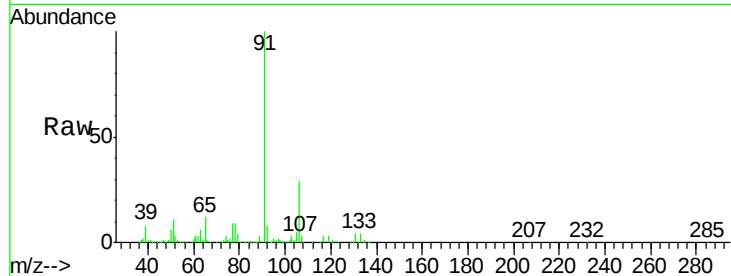
#67
Ethyl Benzene
Concen: 65.325 ug/l
RT: 10.03 min Scan# 964
Delta R.T. 0.01 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion: 91 Resp: 671097
Ion Ratio Lower Upper
91 100
106 29.4 23.4 35.0

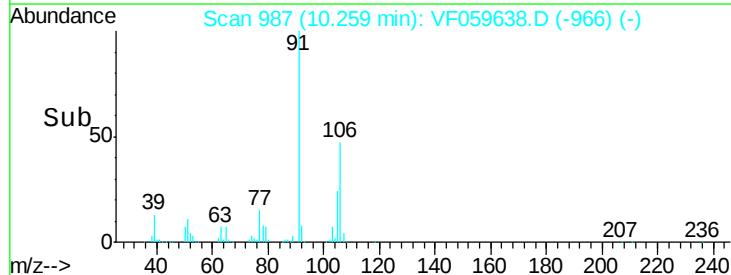
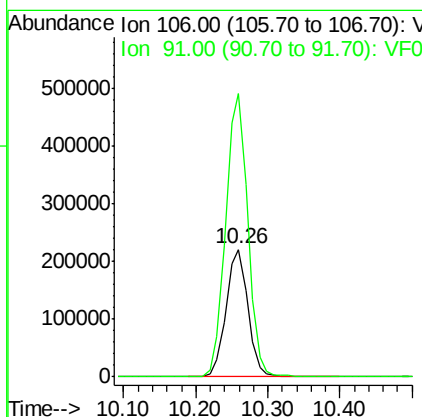
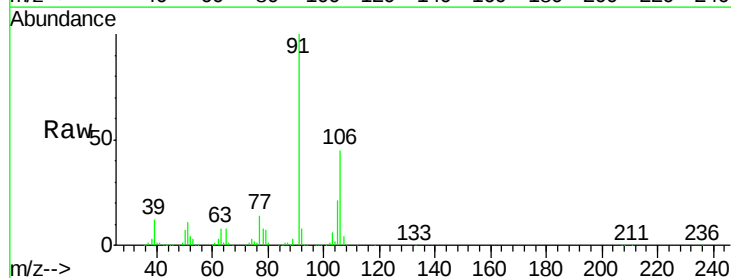
Manual Integrations
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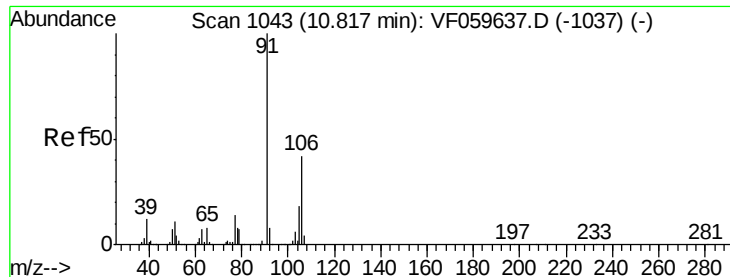
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#68
m/p-Xylenes
Concen: 129.862 ug/l
RT: 10.26 min Scan# 987
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion: 106 Resp: 462853
Ion Ratio Lower Upper
106 100
91 222.2 177.8 266.8





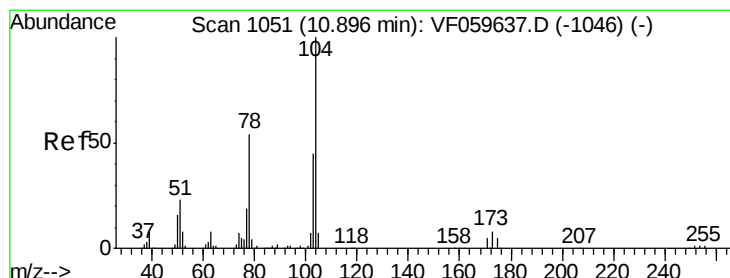
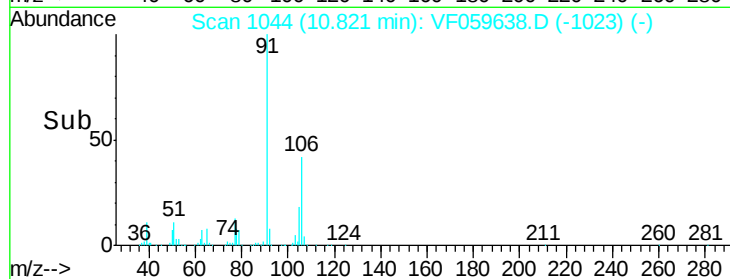
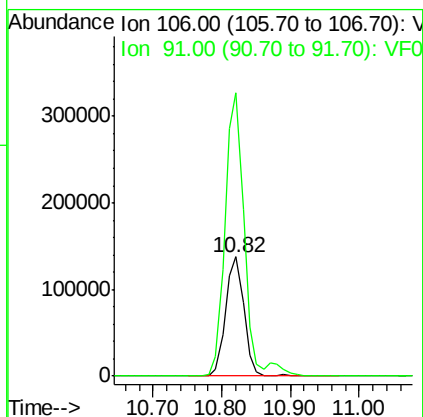
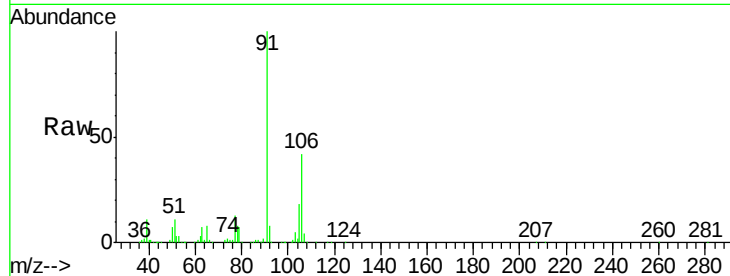
#69
o-Xylene
Concen: 66.848 ug/l
RT: 10.82 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
106	100		
91	237.5	119.3	357.9

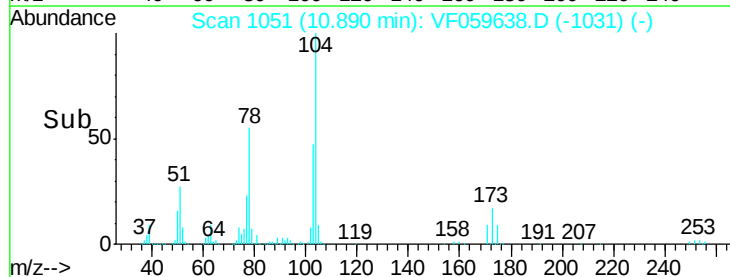
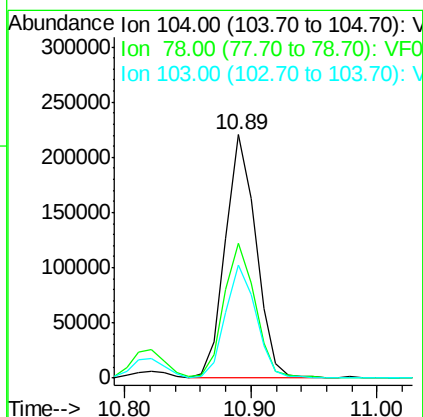
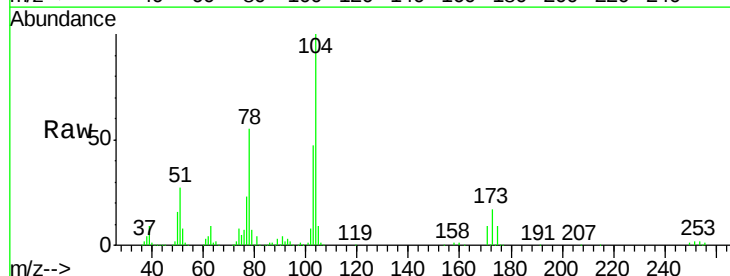
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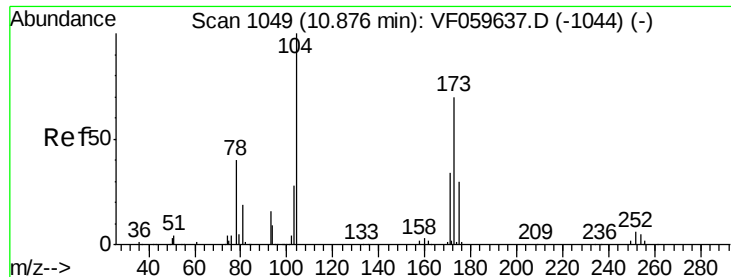
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#70
Styrene
Concen: 64.659 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.3	43.4	65.2
103	46.6	36.7	55.1





#71

Bromoform

Concen: 63.315 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

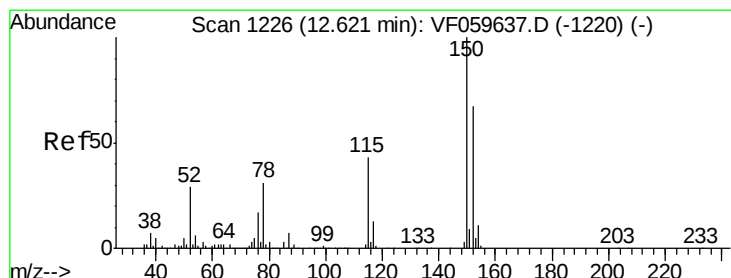
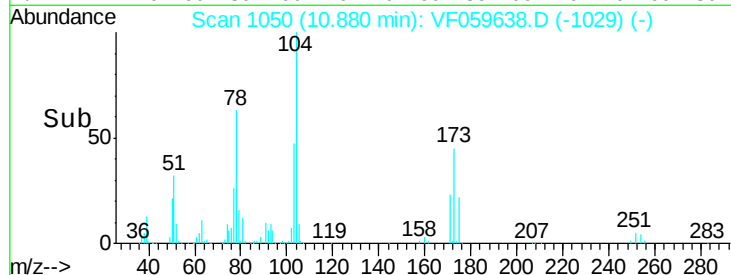
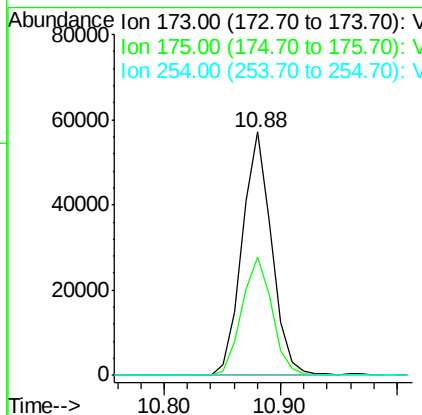
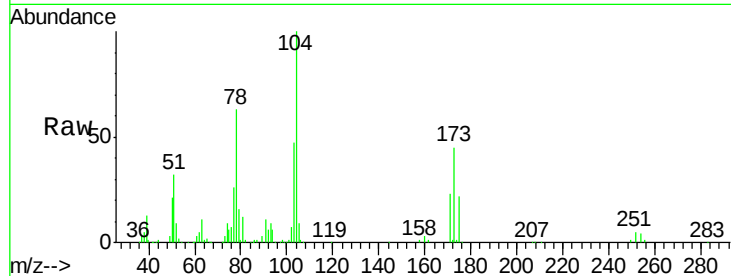
ClientSampleId :

VSTDIC075

Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100				
175	47.1	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

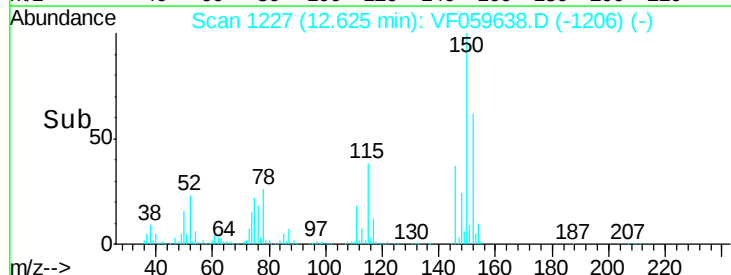
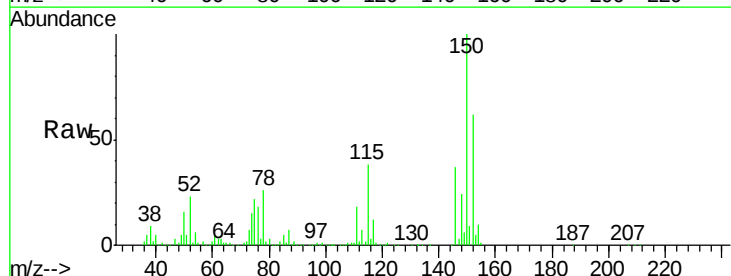
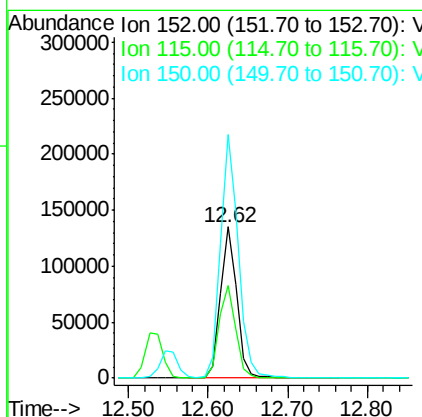
RT: 12.62 min Scan# 1227

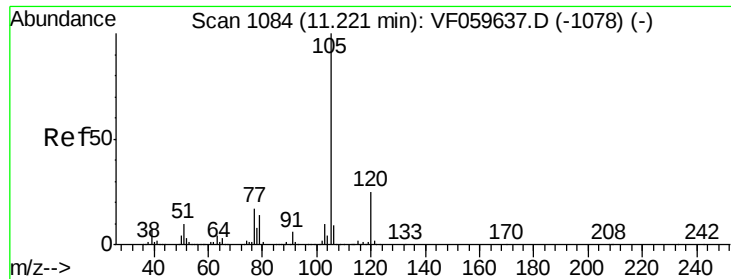
Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	61.1	32.0	96.2		
150	161.3	0.0	313.2		





#73

Isopropylbenzene

Concen: 64.842 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 808652

Ion Ratio Lower Upper

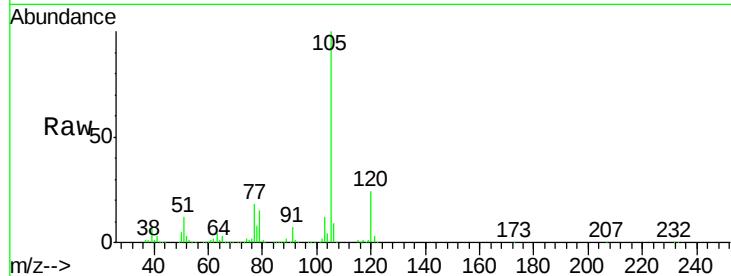
105 100

120 24.1 12.6 37.8

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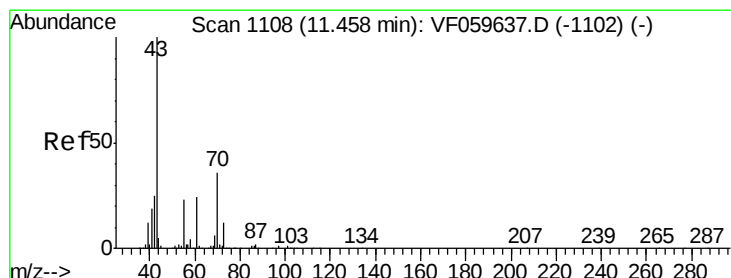
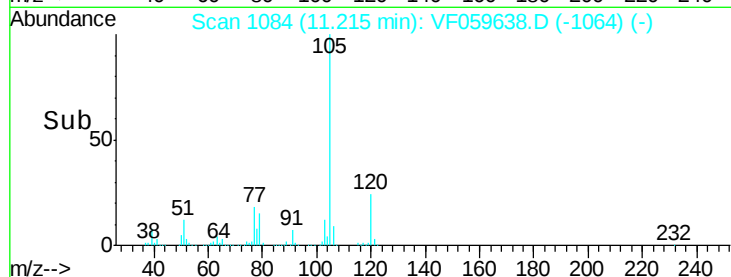
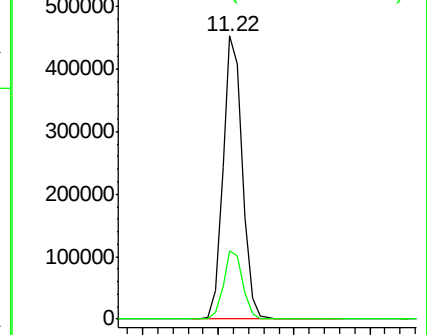
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 71.077 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion: 43 Resp: 194704

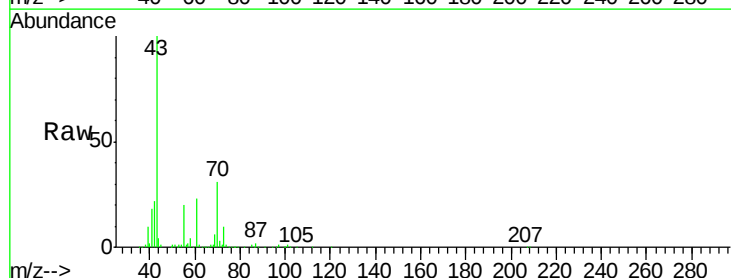
Ion Ratio Lower Upper

43 100

70 30.6 29.4 44.0

55 20.1 18.2 27.4

61 23.0 18.9 28.3

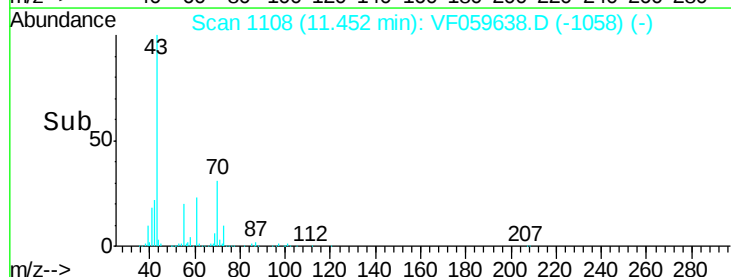
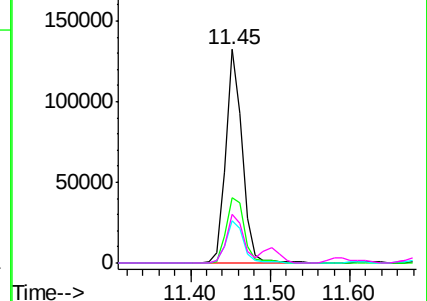


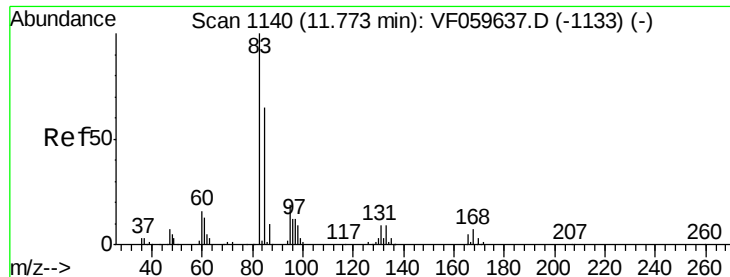
Abundance Ion 43.00 (42.70 to 43.70): VF0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 63.153 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

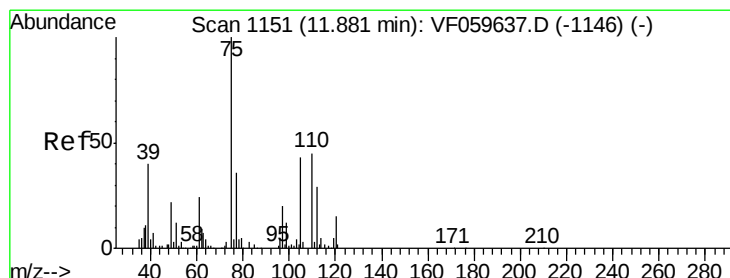
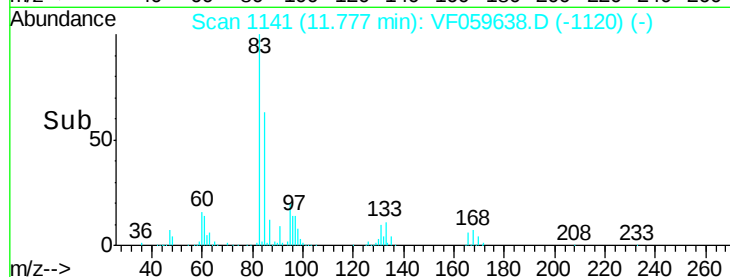
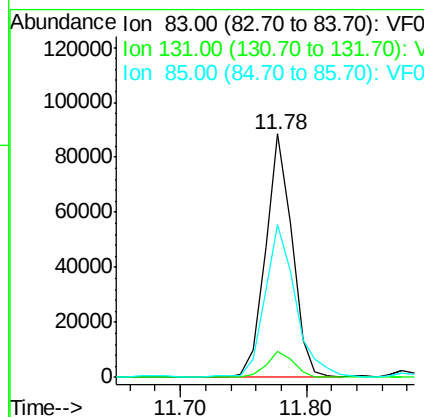
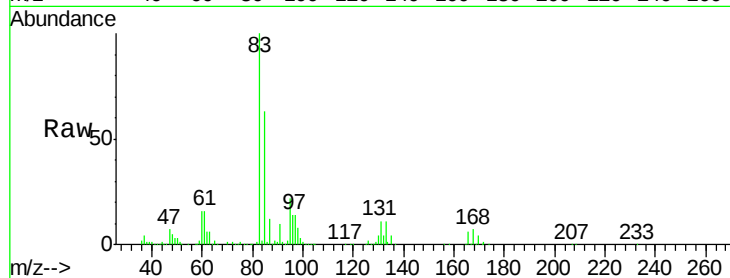
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	130193
Ion Ratio	Lower	Upper	
83	100		
131	10.5	4.5	13.5
85	62.8	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 60.142 ug/l

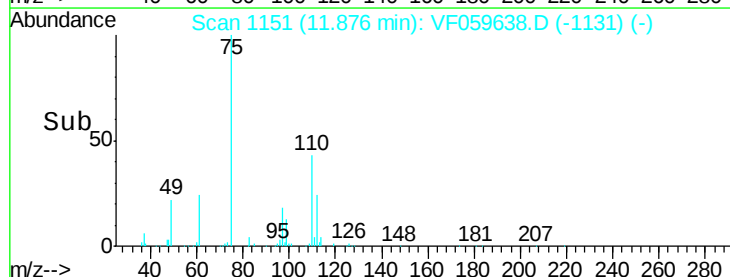
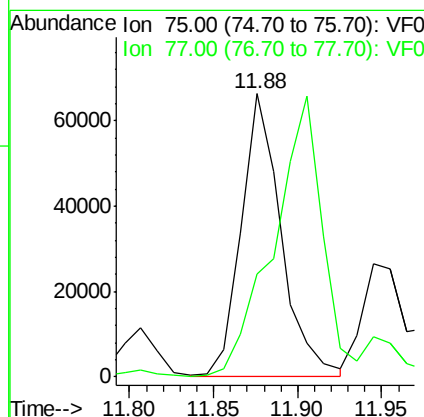
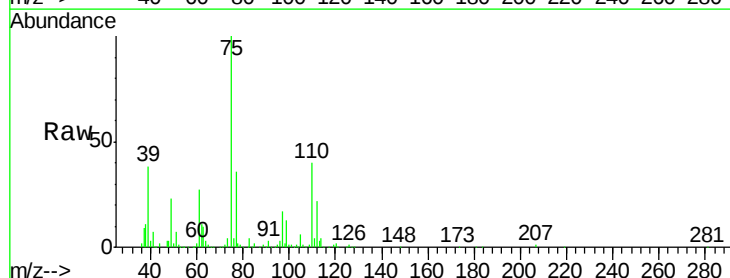
RT: 11.88 min Scan# 1151

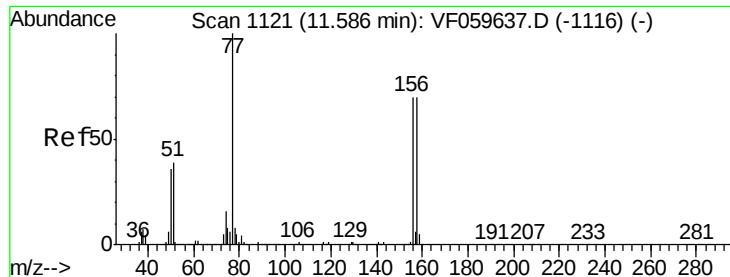
Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	75	Resp:	108589
Ion Ratio	Lower	Upper	
75	100		
77	36.4	18.4	55.0





#77

Bromobenzene

Concen: 60.822 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

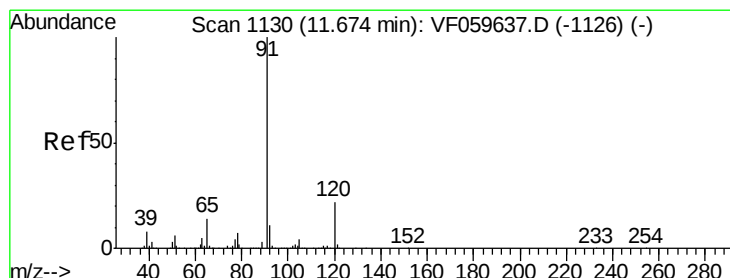
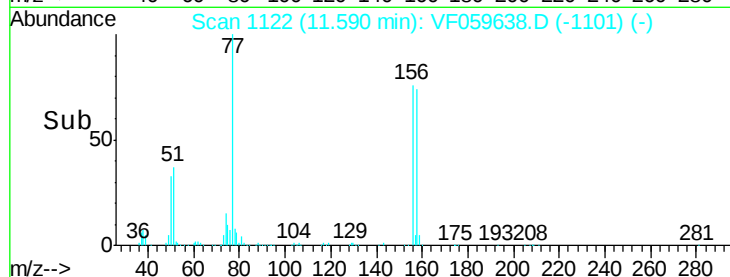
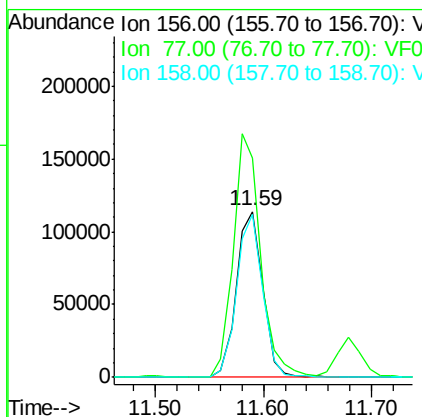
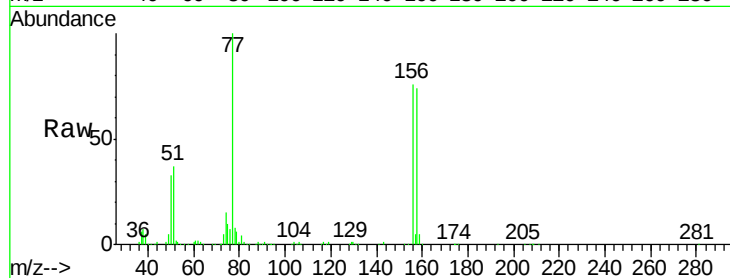
ClientSampleId :

VSTDIC075

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.4	71.5	214.3
158	98.1	50.0	149.8

Manual Integrations
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#78

n-propylbenzene

Concen: 60.185 ug/l

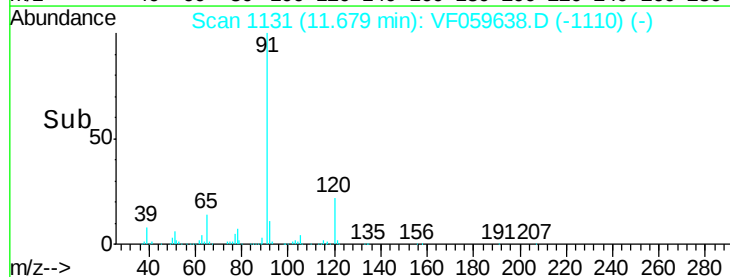
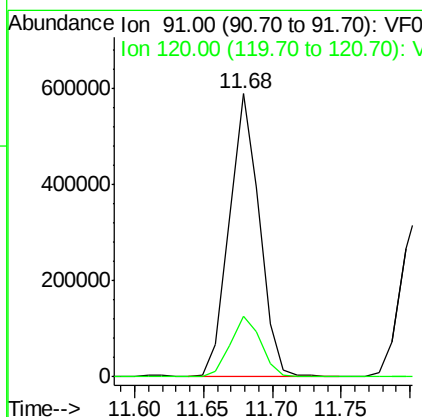
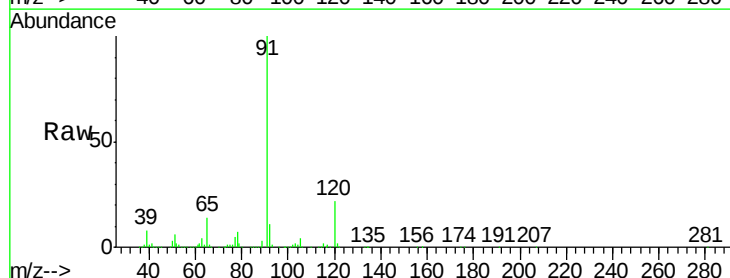
RT: 11.68 min Scan# 1131

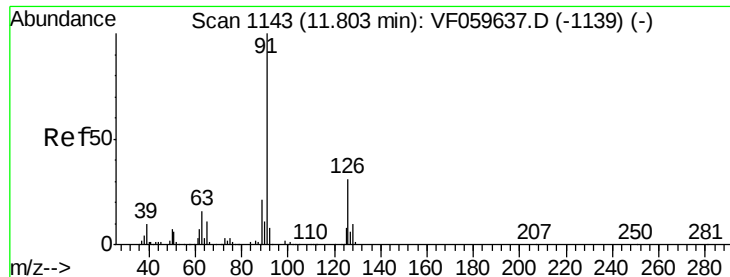
Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.8	32.4





#79

2-Chlorotoluene

Concen: 62.531 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC075

Tot Ion: 91 Resp: 559419

Ion Ratio Lower Upper

91 100

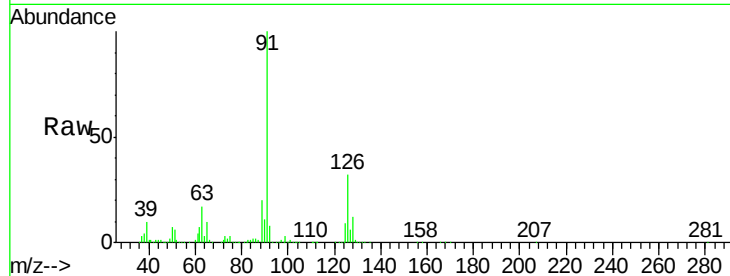
126 32.3 15.4 46.4

Manual Integrations

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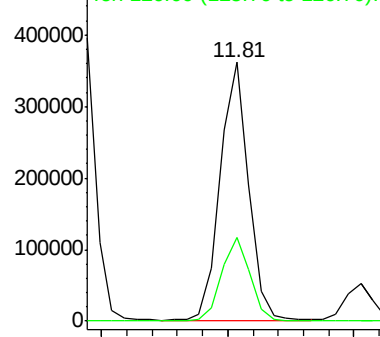
apatel

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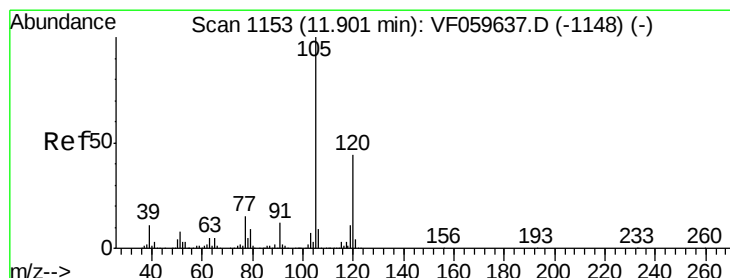
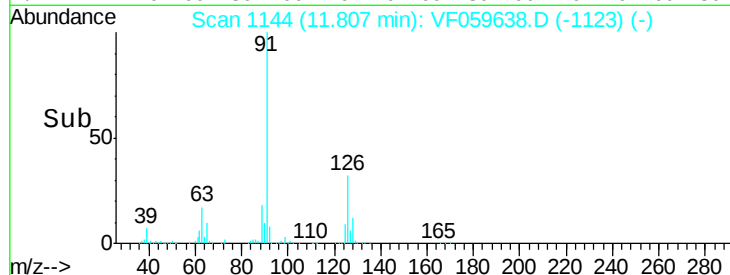


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 63.293 ug/l

RT: 11.91 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VF059638.D

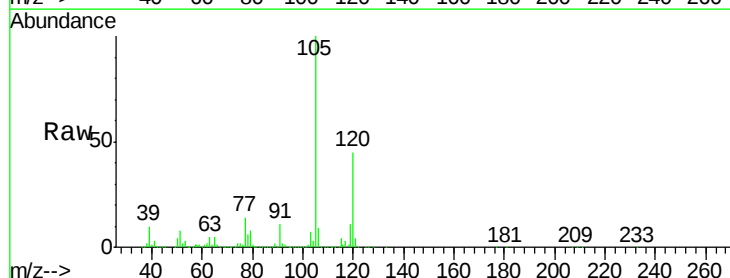
Acq: 24 Jul 2018 17:58

Tgt Ion:105 Resp: 708378

Ion Ratio Lower Upper

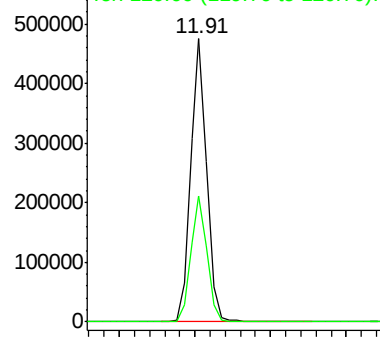
105 100

120 44.7 21.8 65.4

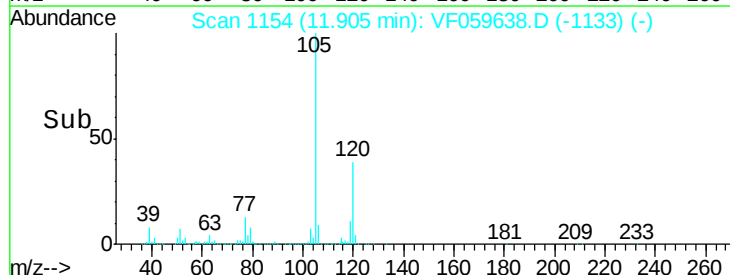


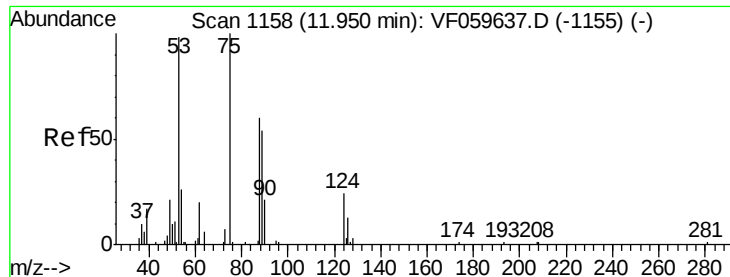
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 84.235 ug/l

RT: 11.94 min Scan# 1158

Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

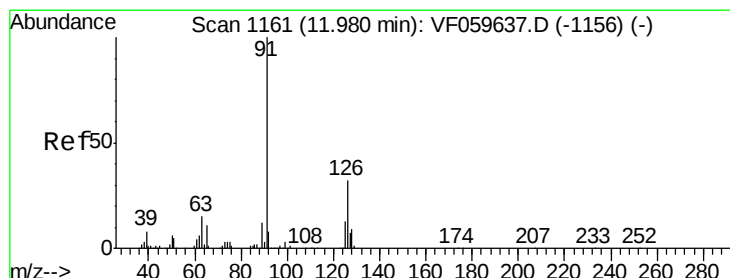
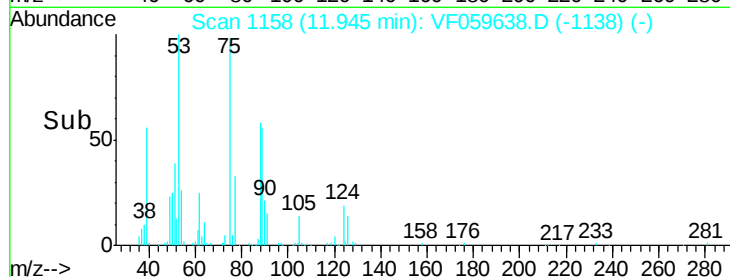
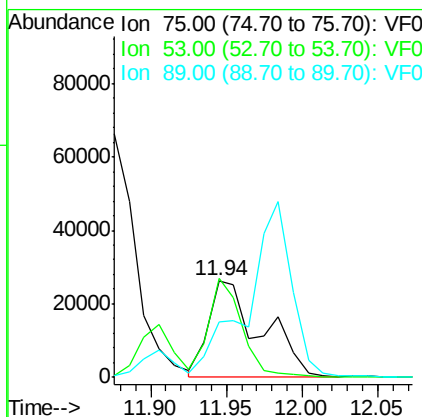
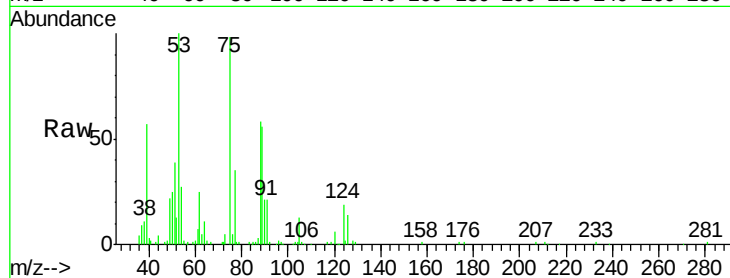
ClientSampleId :

VSTDIC075

Tot Ion:	75	Resp:	62960
Ion	Ratio	Lower	Upper
75	100		
53	101.8	82.3	123.5
89	56.6	48.2	72.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 60.533 ug/l

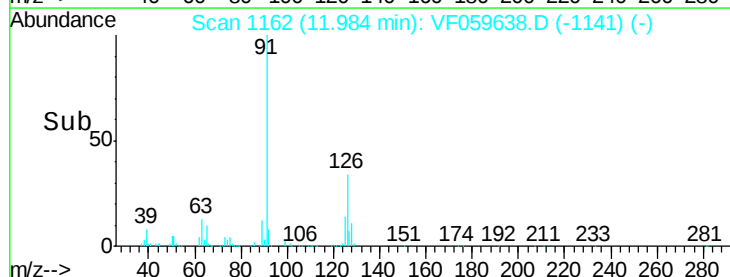
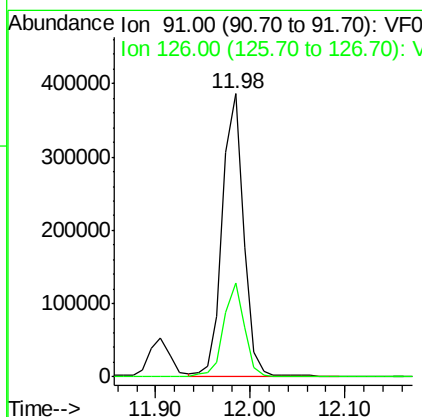
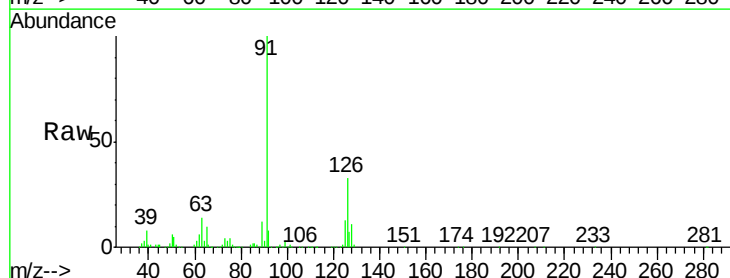
RT: 11.98 min Scan# 1162

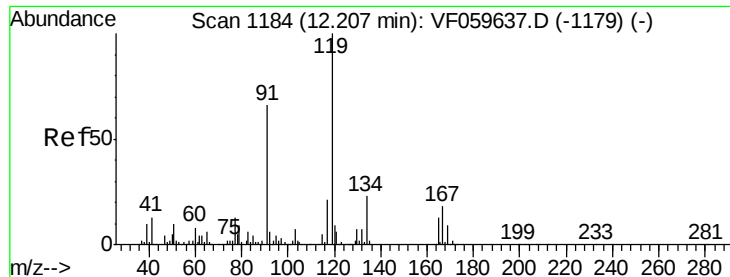
Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	91	Resp:	600158
Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.1	48.2





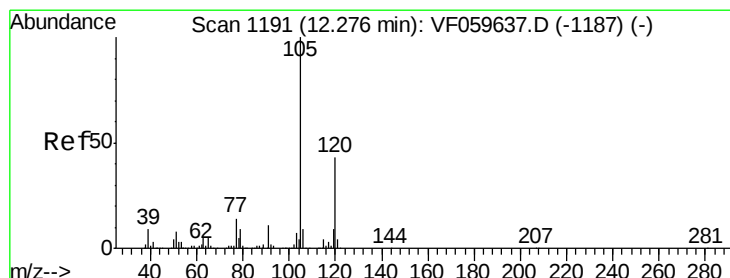
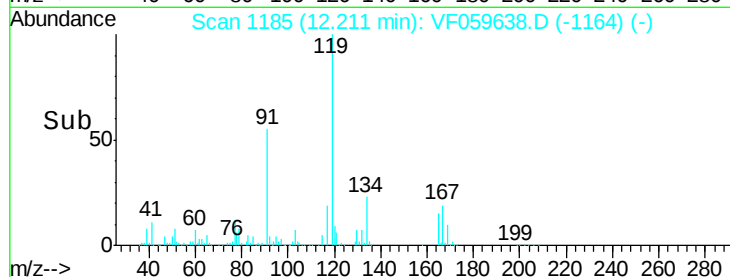
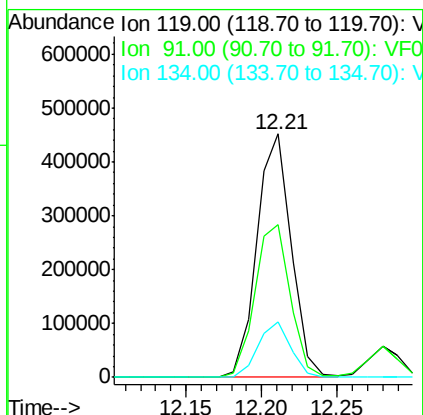
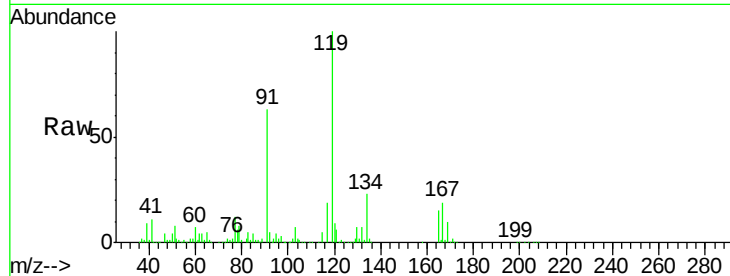
#83
tert-Butylbenzene
Concen: 64.842 ug/l
RT: 12.21 min Scan# 1185
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	33.2	99.6
134	22.7	11.5	34.4

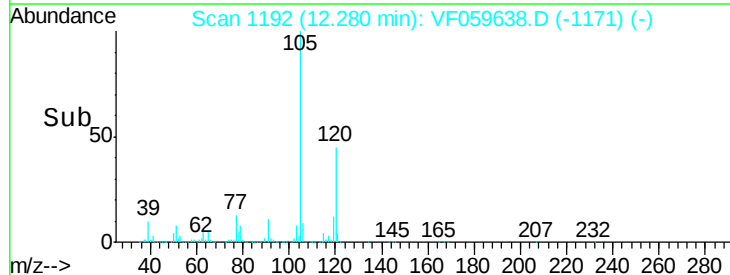
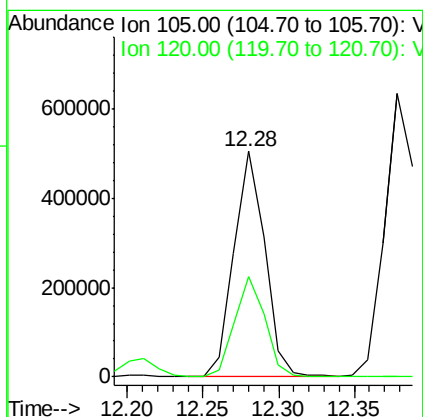
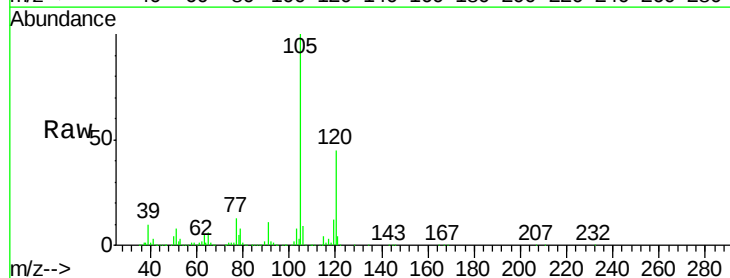
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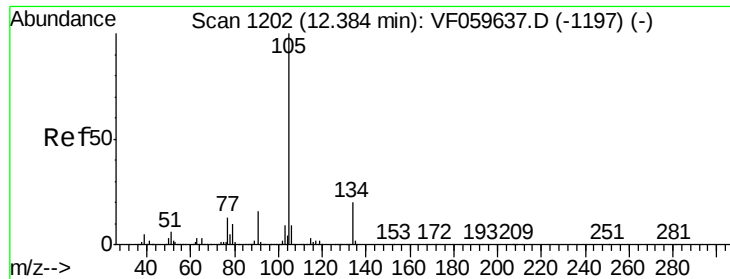
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#84
1,2,4-Trimethylbenzene
Concen: 63.342 ug/l
RT: 12.28 min Scan# 1192
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	21.4	64.2





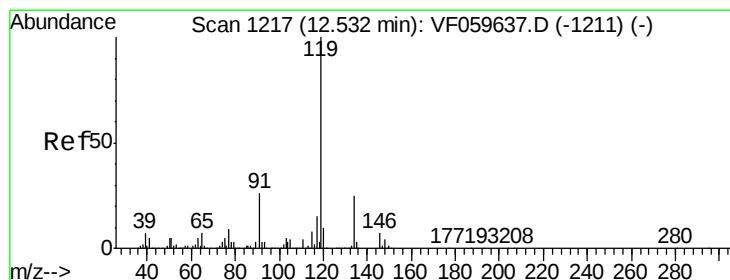
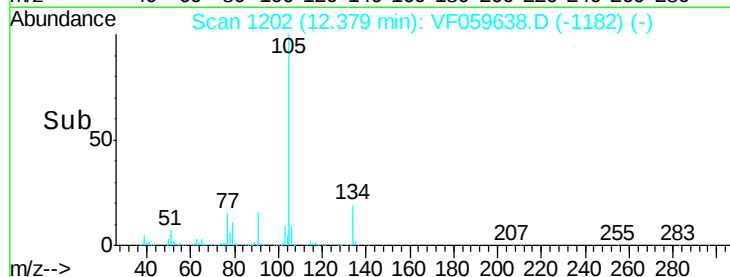
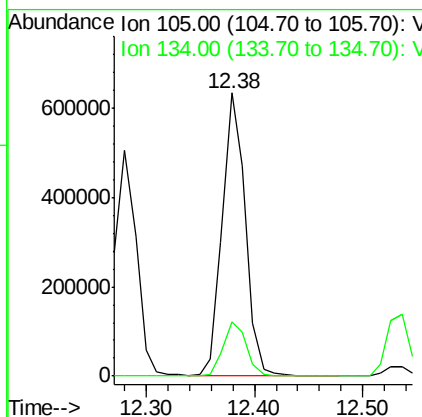
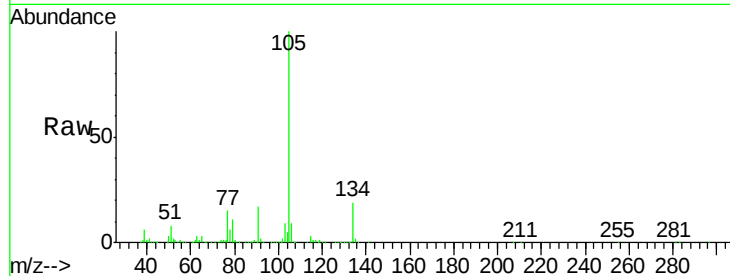
#85
 sec-Butylbenzene
 Concen: 65.421 ug/l
 RT: 12.38 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: VF059638.D
 Acq: 24 Jul 2018 17:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
105	100	938869		
134	19.2	9.9	29.7	

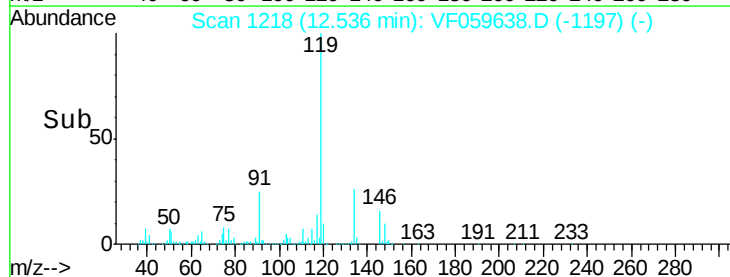
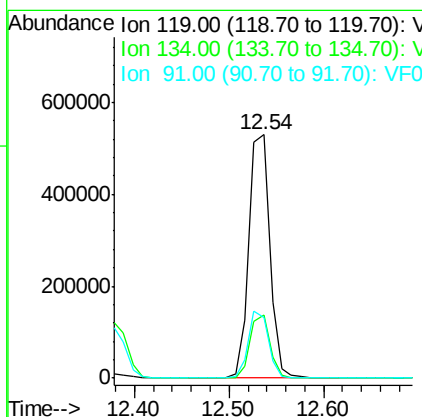
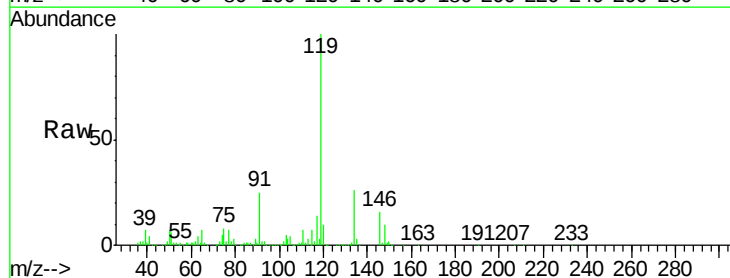
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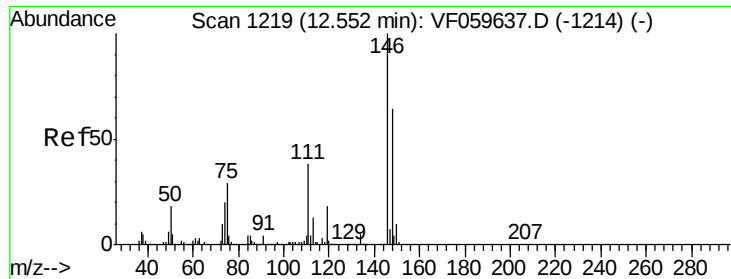
apatel
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#86
 p-Isopropyltoluene
 Concen: 65.034 ug/l
 RT: 12.54 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VF059638.D
 Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	817004		
134	26.1	12.4	37.0	
91	24.9	13.1	39.1	





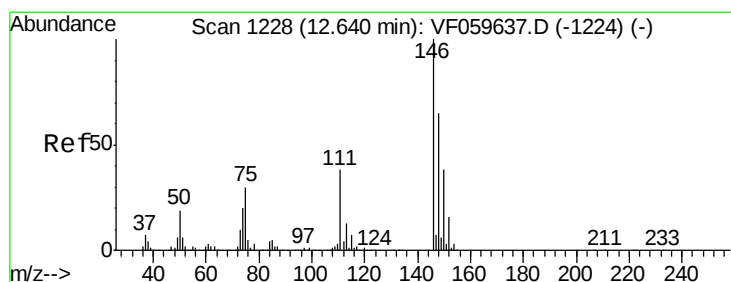
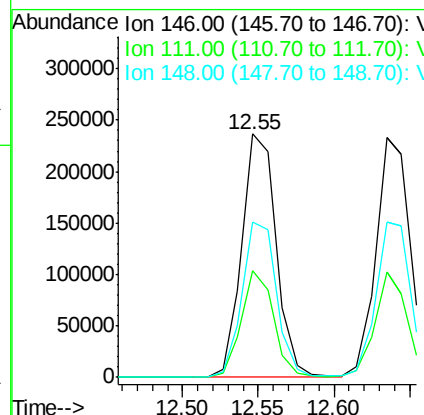
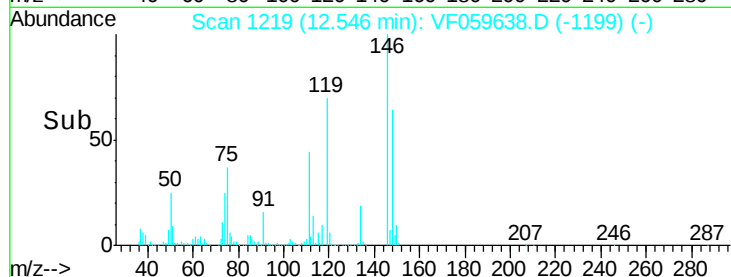
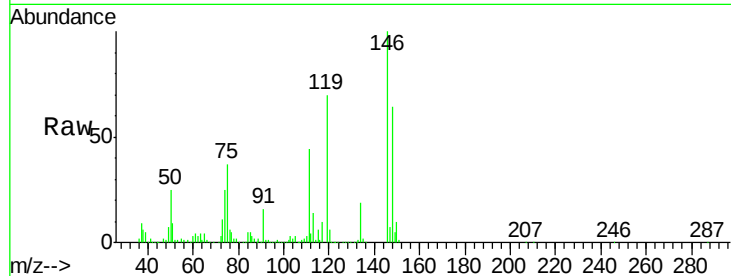
#87
 1,3-Dichlorobenzene
 Concen: 60.764 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: VF059638.D
 Acq: 24 Jul 2018 17:58

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	19.1	57.1
148	63.8	31.9	95.9

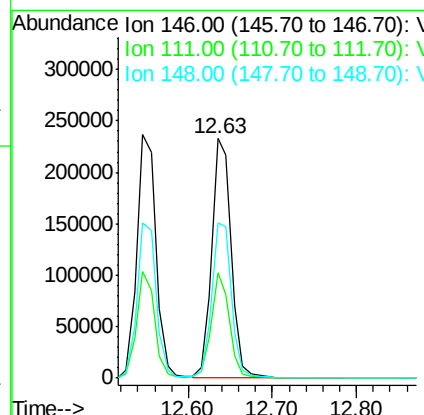
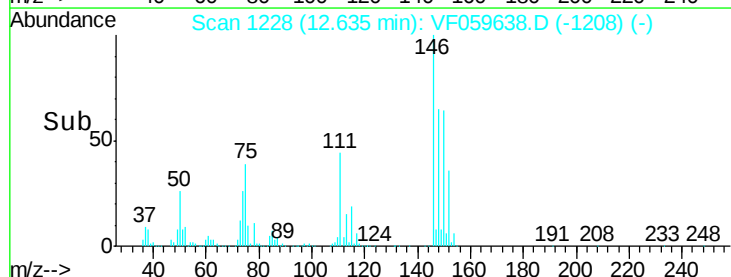
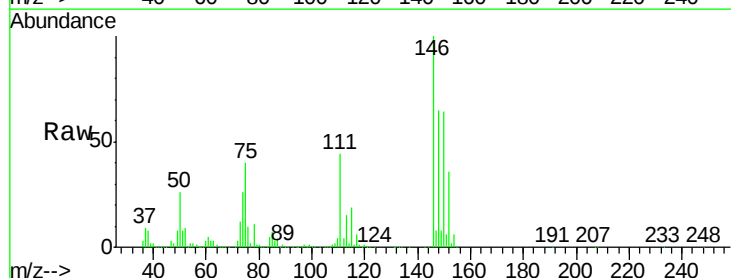
Manual Integrations
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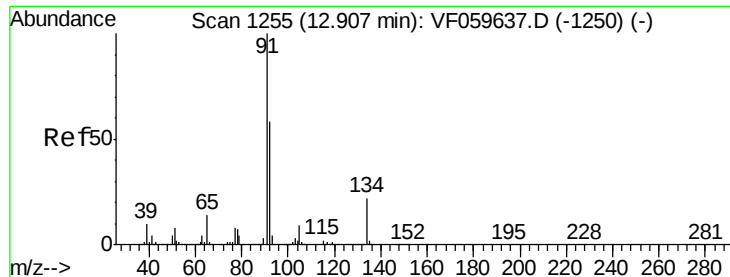
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#88
 1,4-Dichlorobenzene
 Concen: 65.295 ug/l
 RT: 12.63 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VF059638.D
 Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	19.1	57.1
148	64.9	32.4	97.2





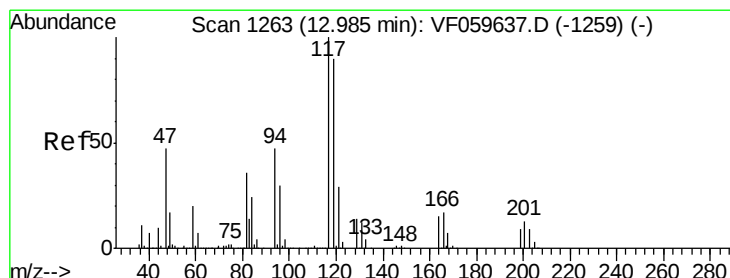
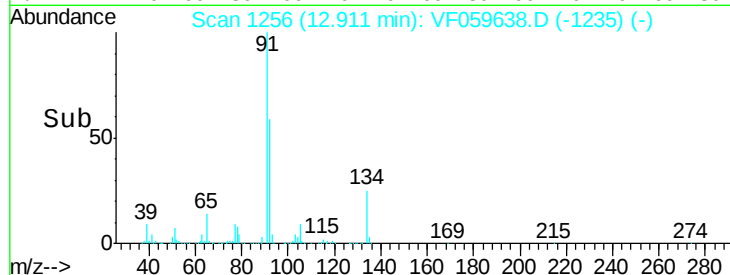
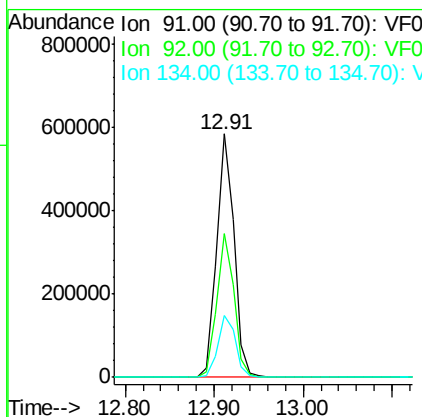
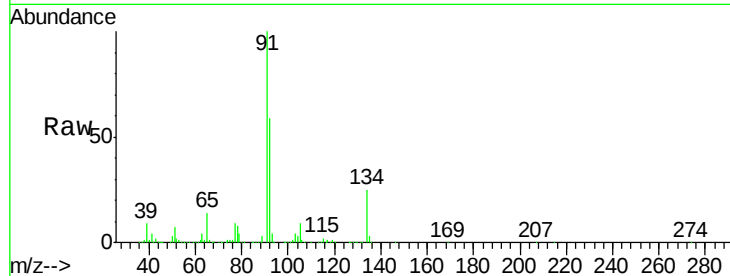
#89
n-Butylbenzene
Concen: 66.020 ug/l
RT: 12.91 min Scan# 1256
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	59.1	29.1	87.3
134	25.4	11.2	33.6

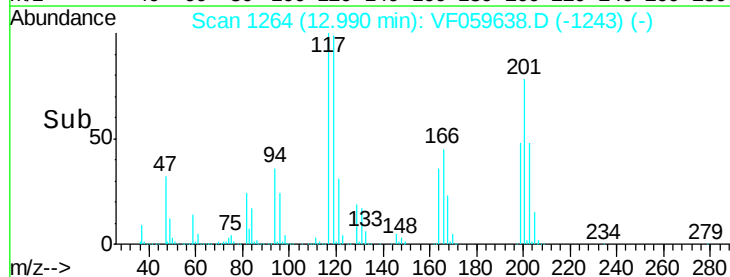
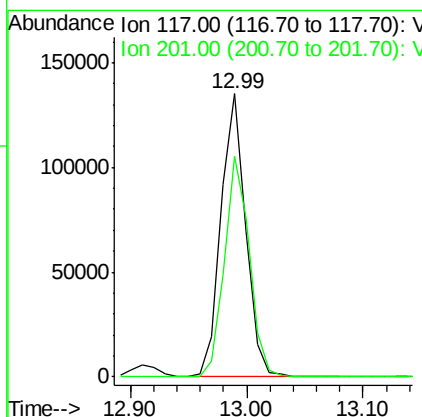
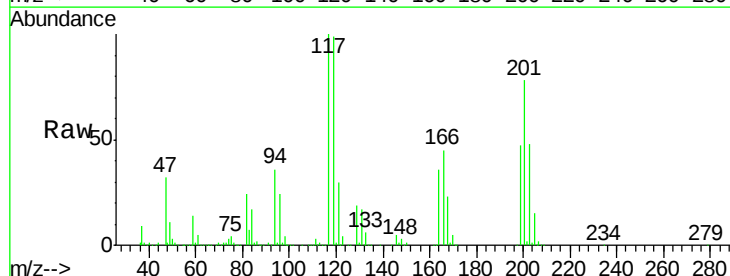
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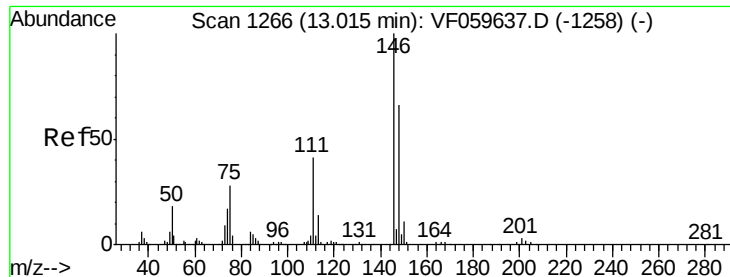
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#90
Hexachloroethane
Concen: 63.172 ug/l
RT: 12.99 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	6.6	19.7#





#91

1,2-Dichlorobenzene

Concen: 62.979 ug/l

RT: 13.01 min Scan# 1266

Delta R.T. -0.01 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

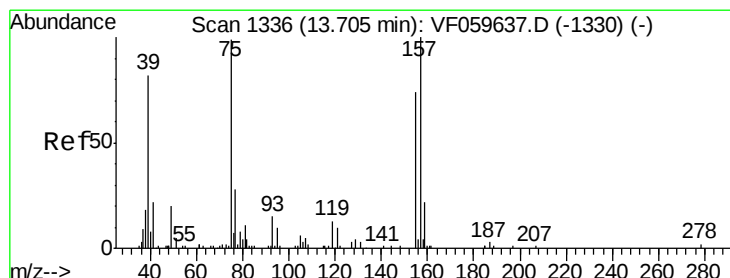
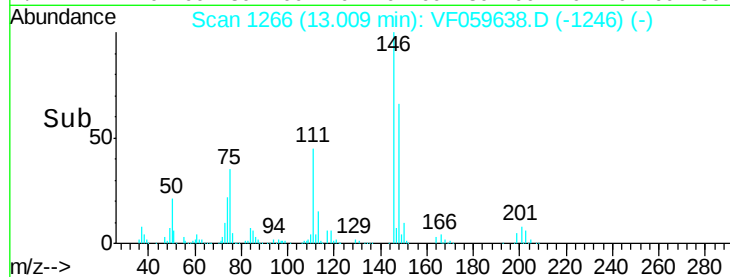
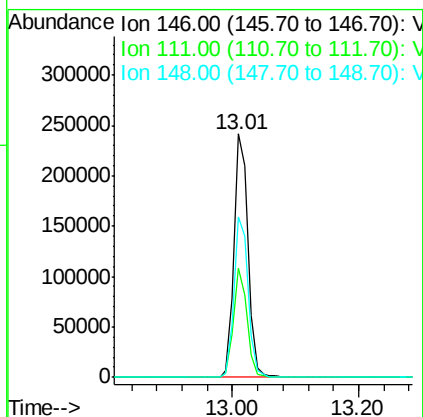
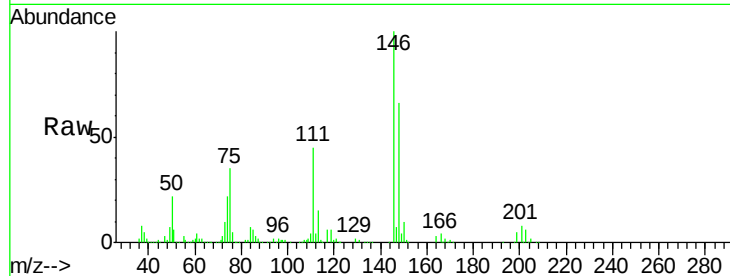
ClientSampleId :

VSTDIC075

Tot Ion:	146	Resp:	366064
Ion Ratio		Lower	Upper
146	100		
111	44.9	20.3	61.0
148	66.0	32.9	98.6

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 67.813 ug/l

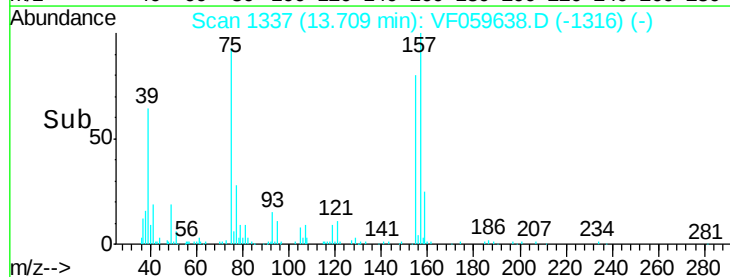
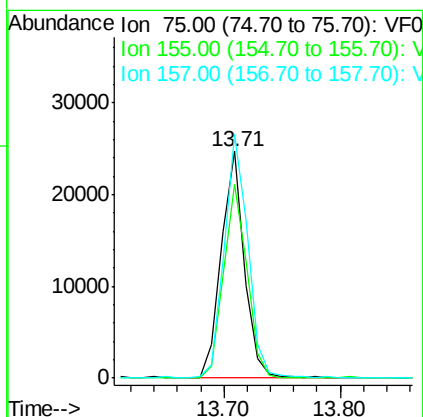
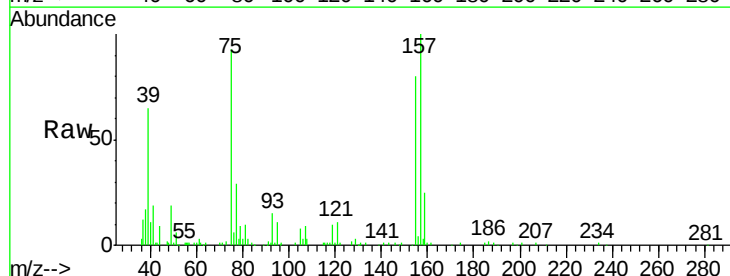
RT: 13.71 min Scan# 1337

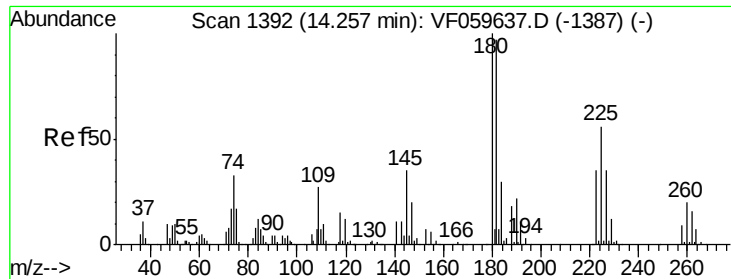
Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	75	Resp:	34011
Ion Ratio		Lower	Upper
75	100		
155	85.5	37.5	112.7
157	107.5	50.6	151.9





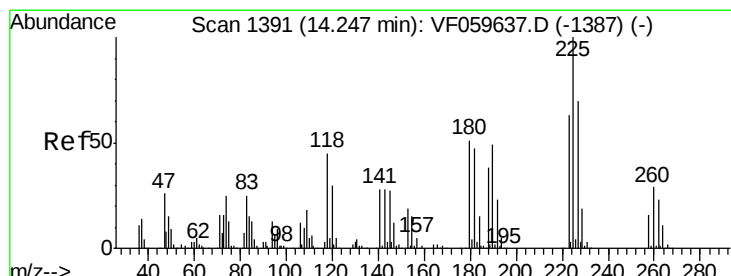
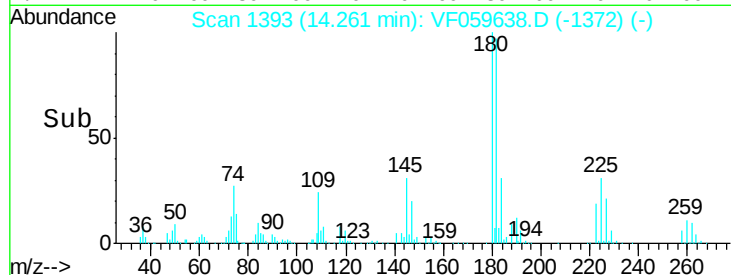
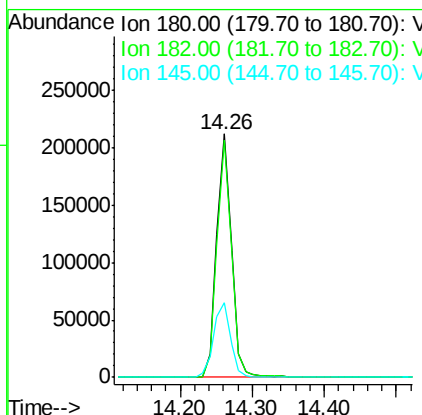
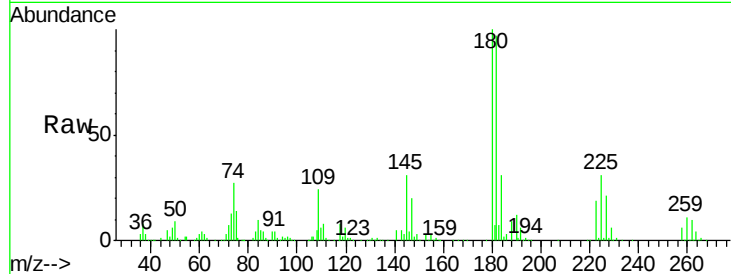
#93
1,2,4-Trichlorobenzene
Concen: 68.659 ug/l
RT: 14.26 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
180	100	298212		
182	97.2	48.5	145.6	
145	30.8	17.4	52.2	

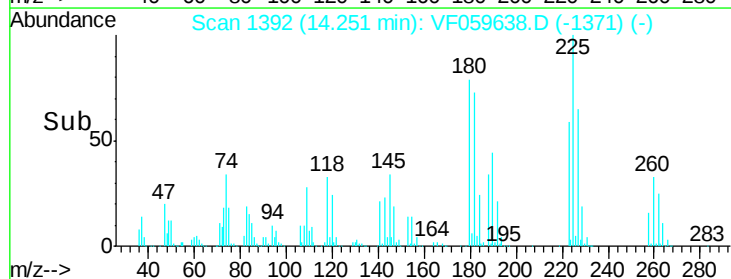
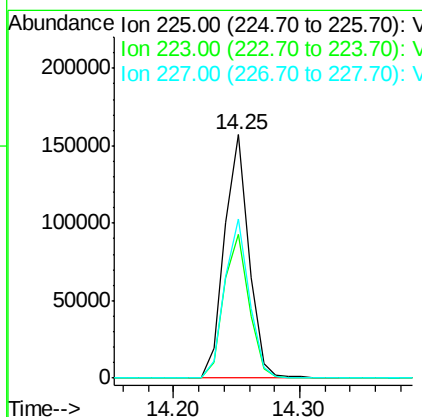
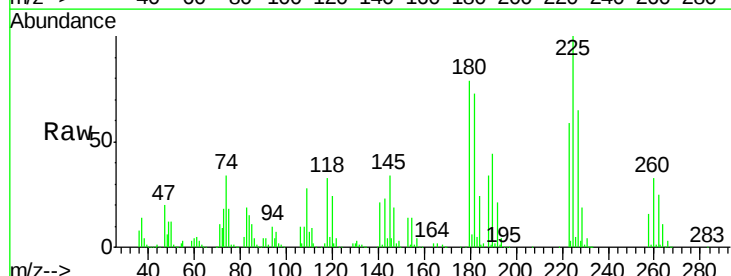
Manual Integrations
APPROVED

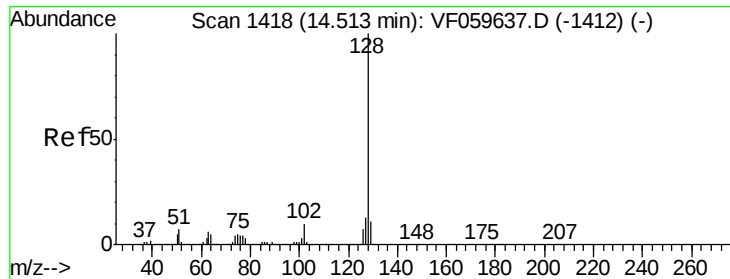
apatel
7/25/2018 2:30:25 PM



#94
Hexachlorobutadiene
Concen: 69.267 ug/l
RT: 14.25 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VF059638.D
Acq: 24 Jul 2018 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	209997		
223	59.0	33.3	99.8	
227	65.1	34.8	104.4	





#95

Naphthalene

Concen: 73.899 ug/l

RT: 14.52 min Scan# 1419

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Instrument :

MSVOA_F

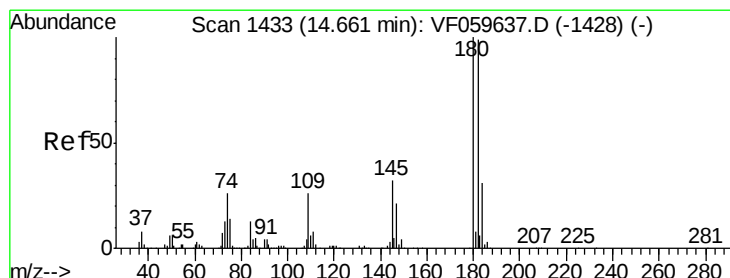
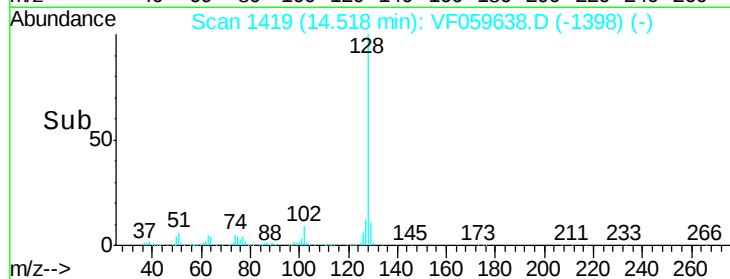
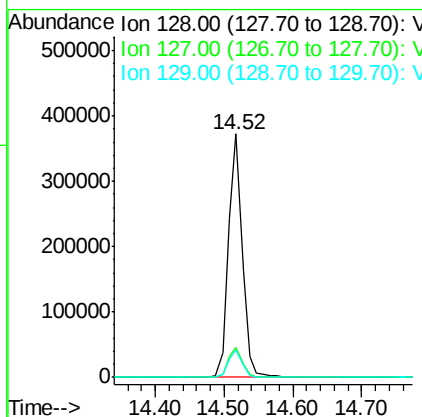
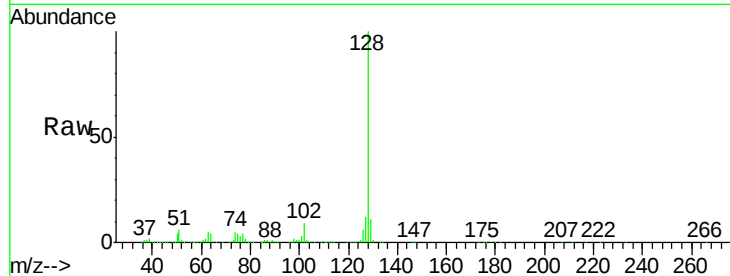
ClientSampleId :

VSTDIC075

Tot Ion:	128	Resp:	517410
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.1	15.1
129	11.1	9.1	13.7

Manual Integrations
APPROVED

apatel
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#96

1,2,3-Trichlorobenzene

Concen: 70.373 ug/l

RT: 14.67 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VF059638.D

Acq: 24 Jul 2018 17:58

Tgt Ion:	180	Resp:	277124
Ion Ratio	Lower	Upper	
180	100		
182	96.6	49.5	148.5
145	30.4	16.0	48.0

