

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF102518\
 Data File : VF060505.D
 Acq On : 25 Oct 2018 13:39
 Operator : VA/AP
 Sample : VSTDIC005
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Manual Integrations
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apatel
 10/26/2018 10:27:34 AM

Quant Time: Oct 26 00:56:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F102518S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 26 00:30:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	174459	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	248564	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.91	117	234461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	158089	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	20151	7.62	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	15.24%	
35) Dibromofluoromethane	4.28	113	17113	7.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	14.96%	
50) Toluene-d8	7.70	98	30016	5.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.92%	
62) 4-Bromofluorobenzene	11.50	95	19632	8.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	16.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	25932	7.565	ug/l	91
3) Chloromethane	1.12	50	11556	5.449	ug/l #	59
4) Vinyl Chloride	1.18	62	13544	5.887	ug/l #	67
5) Bromomethane	1.35	94	14697	8.124	ug/l	93
6) Chloroethane	1.42	64	8947	7.357	ug/l	92
7) Trichlorofluoromethane	1.53	101	43282	8.394	ug/l	94
8) Diethyl Ether	1.69	74	4537	6.149	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	1.87	101	19527	7.570	ug/l #	86
10) Methyl Iodide	1.95	142	27714m	6.777	ug/l	
11) Tert butyl alcohol	2.66	59	5544	39.990	ug/l	98
12) 1,1-Dichloroethene	1.84	96	13954	6.476	ug/l #	56
13) Acrolein	2.07	56	4187	48.741	ug/l	84
14) Allyl chloride	2.17	41	22124	6.966	ug/l #	62
15) Acrylonitrile	3.05	53	8128	27.849	ug/l #	77
16) Acetone	2.32	43	22840	39.396	ug/l	99
17) Carbon Disulfide	1.85	76	40646m	6.784	ug/l	
18) Methyl Acetate	2.43	43	6782	6.172	ug/l #	91
19) Methyl tert-butyl Ether	2.52	73	34219	7.055	ug/l	93
20) Methylene Chloride	2.26	84	17485m	8.688	ug/l	
21) trans-1,2-Dichloroethene	2.39	96	12544	6.238	ug/l	91
22) Diisopropyl ether	2.90	45	39176	6.001	ug/l	94
23) Vinyl Acetate	3.31	43	54987	24.061	ug/l	97
24) 1,1-Dichloroethane	2.98	63	28533	6.513	ug/l #	95
25) 2-Butanone	4.49	43	17749m	28.124	ug/l	
26) 2,2-Dichloropropane	3.74	77	19927	8.723	ug/l	89
27) cis-1,2-Dichloroethene	3.61	96	11334	4.828	ug/l	95
28) Bromochloromethane	3.85	49	9391	6.171	ug/l	89
29) Tetrahydrofuran	4.24	42	8446	31.748	ug/l	96
30) Chloroform	4.01	83	34581	6.821	ug/l	92
31) Cyclohexane	3.84	56	15565	5.553	ug/l	93
32) 1,1,1-Trichloroethane	4.25	97	30822	7.717	ug/l	97
36) 1,1-Dichloropropene	4.43	75	21629	7.481	ug/l #	85
37) Ethyl Acetate	4.28	43	7577	7.419	ug/l #	34
38) Carbon Tetrachloride	4.15	117	32013	11.023	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.61	83	17473	6.419	ug/l	83
40) Benzene	4.79	78	34673	5.841	ug/l	95
41) Methacrylonitrile	4.90	41	3700	6.376	ug/l #	88
42) 1,2-Dichloroethane	5.11	62	20335	7.551	ug/l	96
43) Isopropyl Acetate	7.10	43	7146	5.614	ug/l #	86
44) Trichloroethene	5.67	130	12348	6.677	ug/l	83
45) 1,2-Dichloropropane	6.38	63	7896	5.434	ug/l	94
46) Dibromomethane	6.24	93	7454	6.395	ug/l #	84
47) Bromodichloromethane	6.54	83	20979	7.126	ug/l	93
48) Methyl methacrylate	6.87	41	4759	5.519	ug/l	87
49) 1,4-Dioxane	6.85	88	870	117.369	ug/l #	28
51) 4-Methyl-2-Pentanone	8.40	43	26507	29.853	ug/l	90
52) Toluene	7.77	92	22022	5.890	ug/l	77
53) t-1,3-Dichloropropene	8.42	75	16364	7.157	ug/l	95
54) cis-1,3-Dichloropropene	7.44	75	15233	5.720	ug/l	93
55) 1,1,2-Trichloroethane	8.64	97	6492	5.650	ug/l #	90
56) Ethyl methacrylate	8.75	69	6401	4.815	ug/l	97
57) 1,3-Dichloropropane	8.99	76	10817	5.467	ug/l #	77
58) 2-Chloroethyl Vinyl ether	7.77	63	5150	38.122	ug/l	100
59) 2-Hexanone	9.62	43	21176	32.971	ug/l	92
60) Dibromochloromethane	8.85	129	11359	6.298	ug/l	69
61) 1,2-Dibromoethane	9.12	107	7475	5.758	ug/l	87
64) Tetrachloroethene	8.29	164	11463	6.169	ug/l	93
65) Chlorobenzene	9.94	112	26763	5.878	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.06	131	12443	6.067	ug/l	79
67) Ethyl Benzene	10.03	91	55831	6.499	ug/l	97
68) m/p-Xylenes	10.26	106	33138	11.300	ug/l	100
69) o-Xylene	10.82	106	19187	6.016	ug/l	97
70) Styrene	10.90	104	26753	5.828	ug/l	93
71) Bromoform	10.88	173	7175	6.900	ug/l #	96
73) Isopropylbenzene	11.23	105	63620	5.414	ug/l	92
74) N-amyl acetate	11.46	43	12376	4.839	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.78	83	9473	4.796	ug/l	75
76) 1,2,3-Trichloropropane	11.88	75	8841	5.790	ug/l	85
77) Bromobenzene	11.59	156	13171	5.044	ug/l	93
78) n-propylbenzene	11.68	91	78411	5.603	ug/l	100
79) 2-Chlorotoluene	11.81	91	48548	5.925	ug/l	96
80) 1,3,5-Trimethylbenzene	11.91	105	60333	6.120	ug/l	89
81) trans-1,4-Dichloro-2-buten	11.95	75	3166m	4.756	ug/l	
82) 4-Chlorotoluene	11.99	91	53168	6.290	ug/l	95
83) tert-Butylbenzene	12.21	119	55058	5.556	ug/l	90
84) 1,2,4-Trimethylbenzene	12.28	105	59334	5.928	ug/l	98
85) sec-Butylbenzene	12.38	105	79793	5.937	ug/l	96
86) p-Isopropyltoluene	12.54	119	68493	6.207	ug/l	98
87) 1,3-Dichlorobenzene	12.55	146	29817	5.994	ug/l	95
88) 1,4-Dichlorobenzene	12.64	146	28279	5.862	ug/l	94
89) n-Butylbenzene	12.91	91	74424	6.446	ug/l	98
90) Hexachloroethane	12.99	117	17395	6.593	ug/l	98
91) 1,2-Dichlorobenzene	13.01	146	29287	6.116	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.71	75	2323	5.541	ug/l	76

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MSVOA_F
ClientSampleId :
VSTDICC005

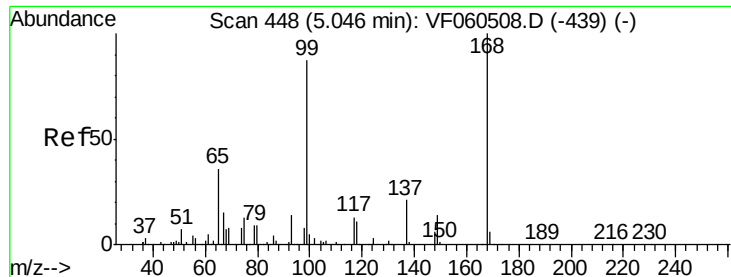
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	23571	6.374	ug/l	92
94) Hexachlorobutadiene	14.25	225	17068	6.789	ug/l	92
95) Naphthalene	14.52	128	31187	4.906	ug/l	98
96) 1,2,3-Trichlorobenzene	14.67	180	20352	5.907	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.02 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 174459

Ion Ratio Lower Upper

168 100

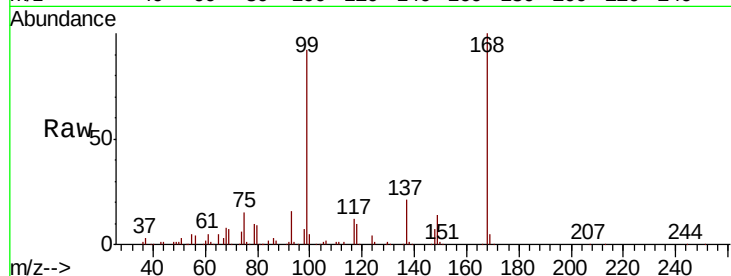
99 91.6 69.9 104.9

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

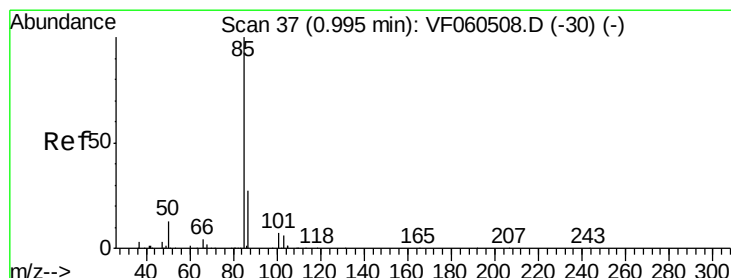
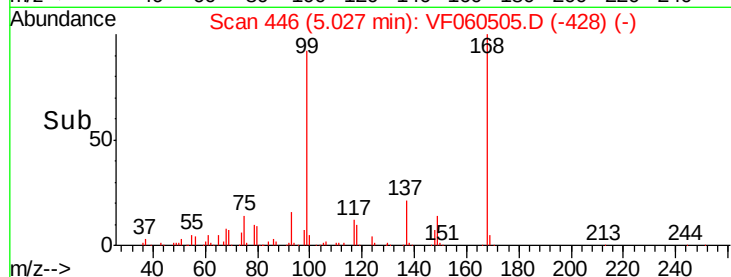
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 7.565 ug/l

RT: 0.99 min Scan# 36

Delta R.T. -0.01 min

Lab File: VF060505.D

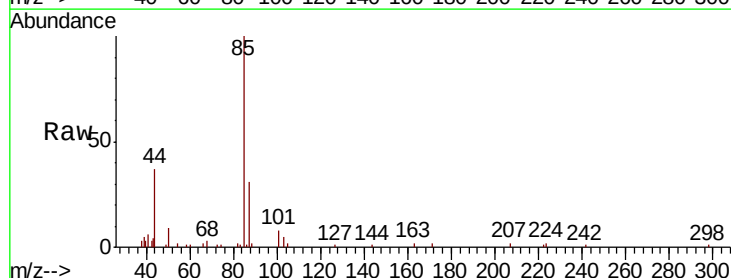
Acq: 25 Oct 2018 13:39

Tgt Ion: 85 Resp: 25932

Ion Ratio Lower Upper

85 100

87 31.4 13.5 40.4



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

10000

8000

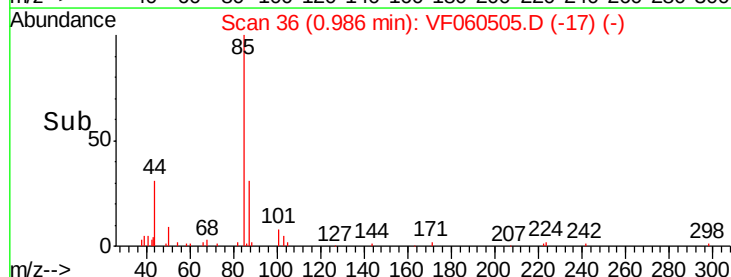
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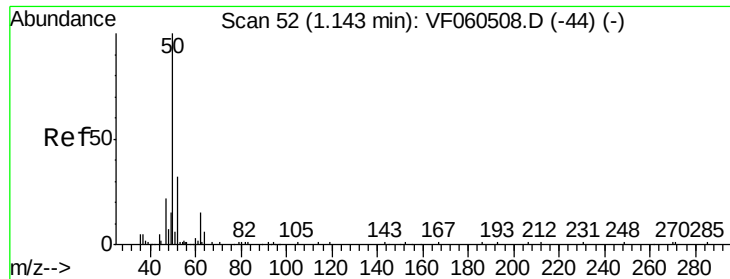
4000

2000

0

Time-->





#3

Chloromethane

Concen: 5.449 ug/l

RT: 1.12 min Scan# 50

Delta R.T. -0.02 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 11556

Ion Ratio Lower Upper

50 100

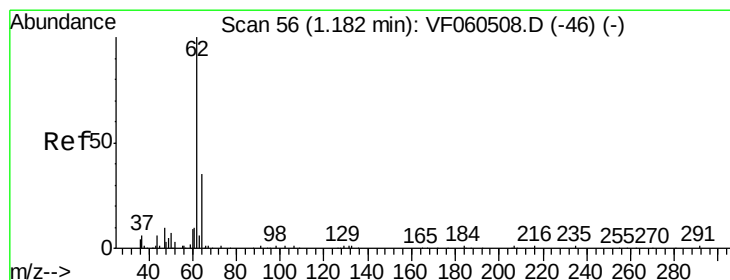
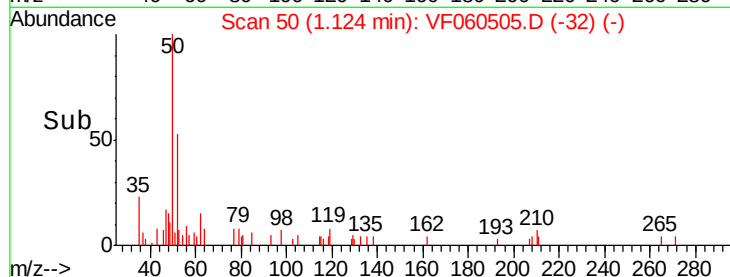
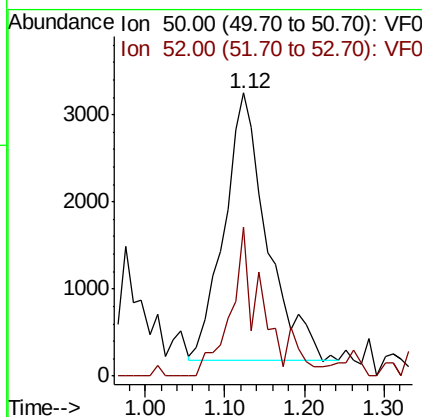
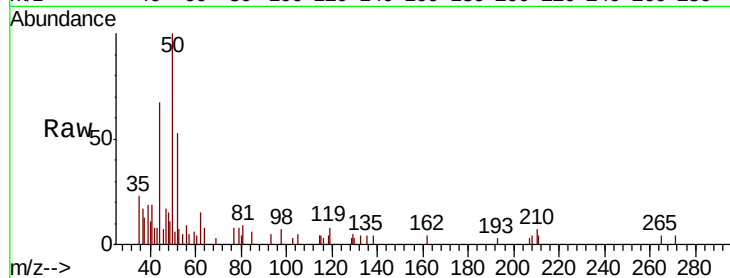
52 52.8 24.5 36.7#

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#4

Vinyl Chloride

Concen: 5.887 ug/l

RT: 1.18 min Scan# 56

Delta R.T. 0.00 min

Lab File: VF060505.D

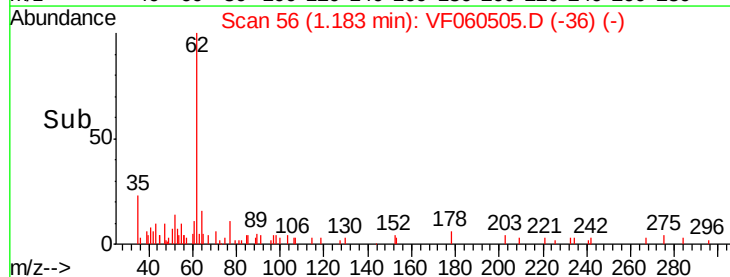
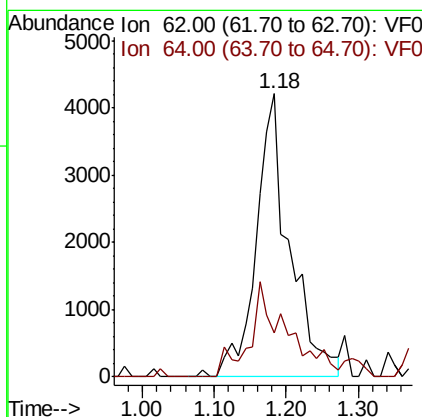
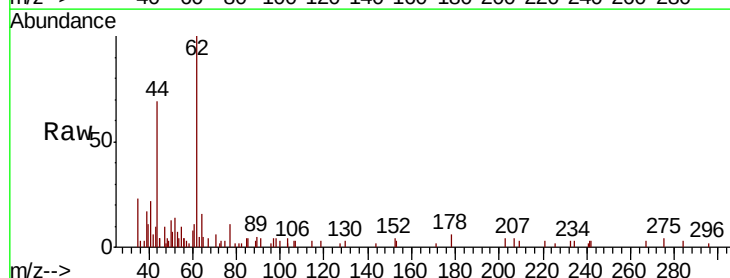
Acq: 25 Oct 2018 13:39

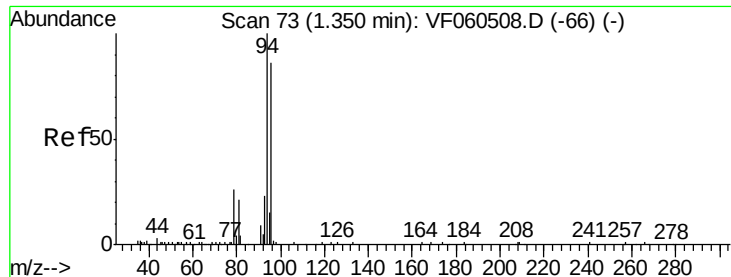
Tgt Ion: 62 Resp: 13544

Ion Ratio Lower Upper

62 100

64 15.8 27.8 41.8#





#5

Bromomethane

Concen: 8.124 ug/l

RT: 1.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 14697

Ion Ratio Lower Upper

94 100

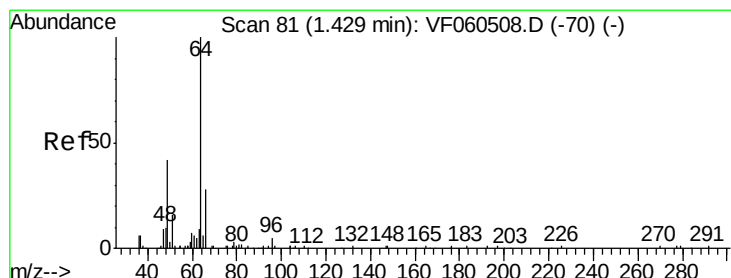
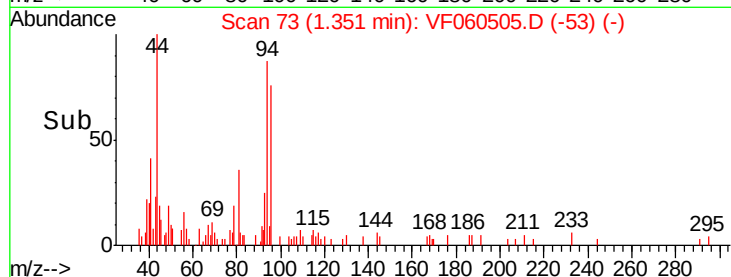
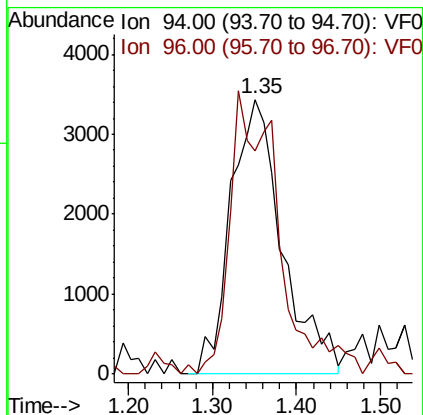
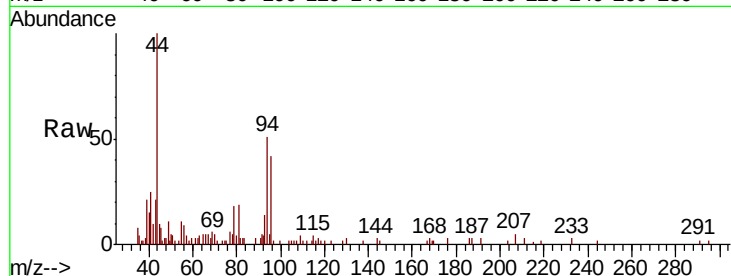
96 81.3 70.6 105.8

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#6

Chloroethane

Concen: 7.357 ug/l

RT: 1.42 min Scan# 80

Delta R.T. -0.01 min

Lab File: VF060505.D

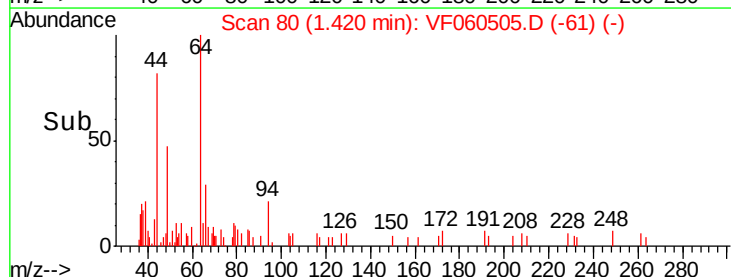
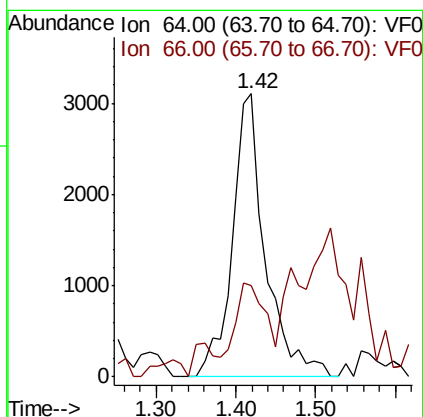
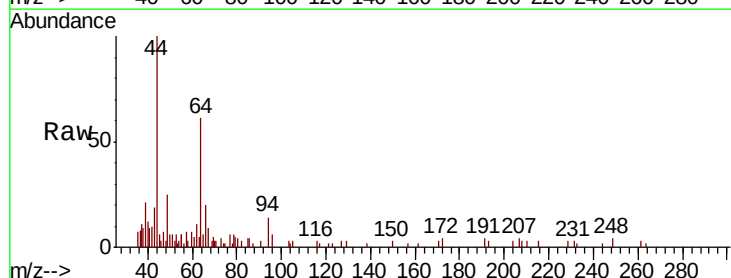
Acq: 25 Oct 2018 13:39

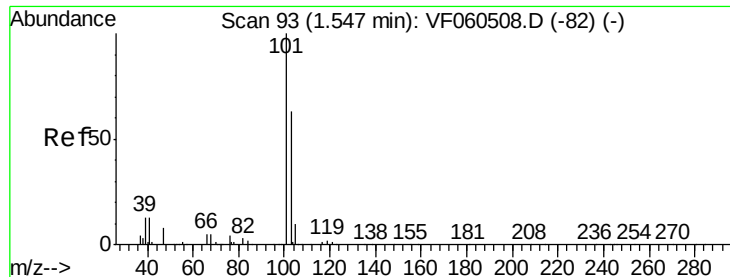
Tgt Ion: 64 Resp: 8947

Ion Ratio Lower Upper

64 100

66 32.3 22.4 33.6





#7

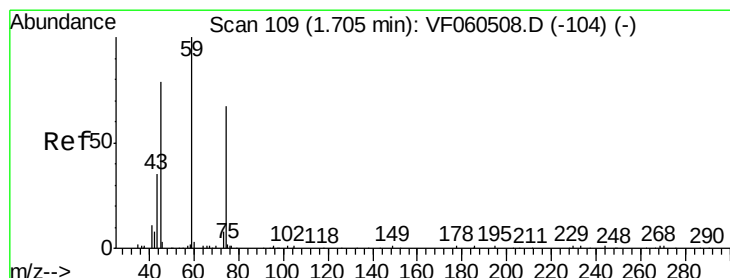
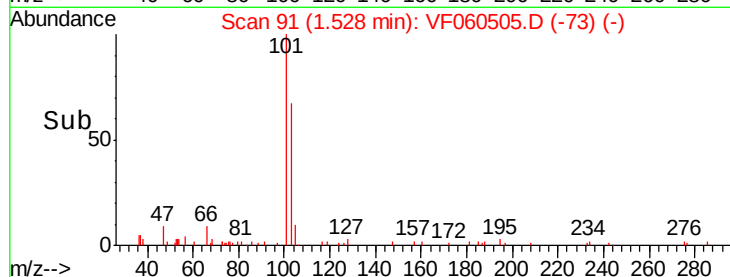
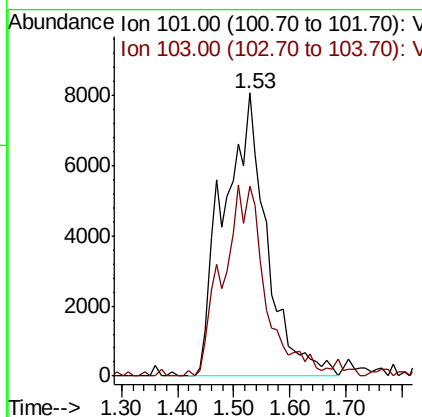
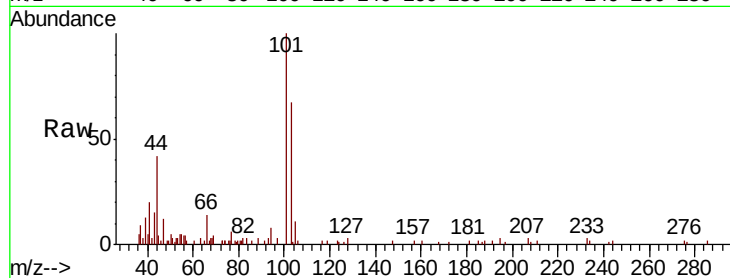
Trichlorofluoromethane
Concen: 8.394 ug/l
RT: 1.53 min Scan# 91
Delta R.T. -0.02 min
Lab File: VF060505.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.3	50.4	75.6

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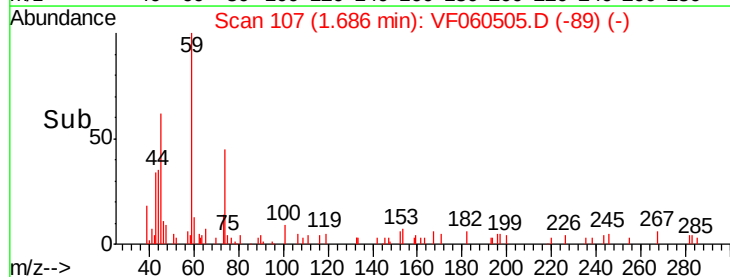
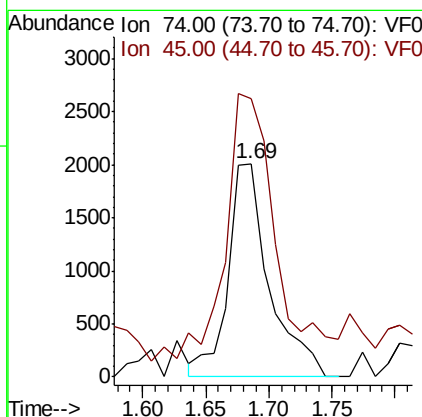
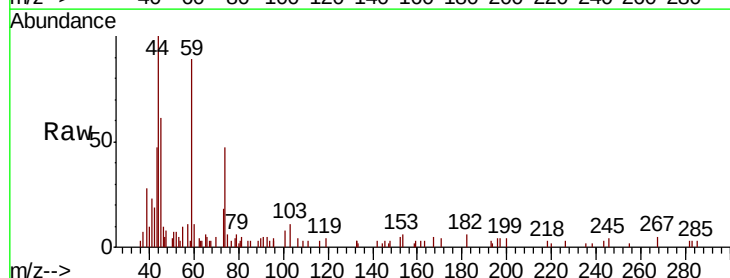
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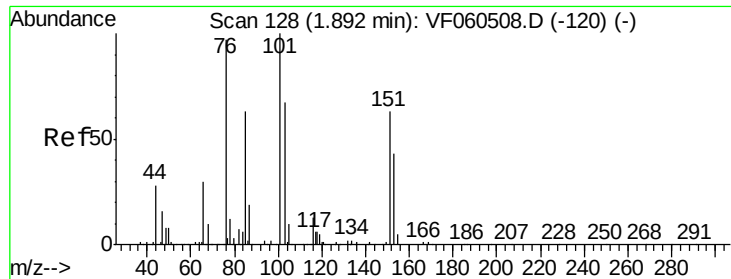


#8

Diethyl Ether
Concen: 6.149 ug/l
RT: 1.69 min Scan# 107
Delta R.T. -0.02 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	130.4	62.1	186.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 7.570 ug/l

RT: 1.87 min Scan# 126

Delta R.T. -0.02 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

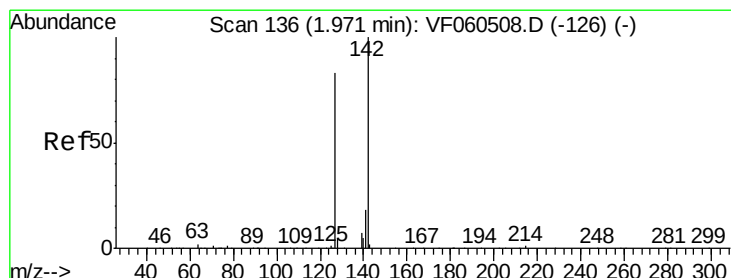
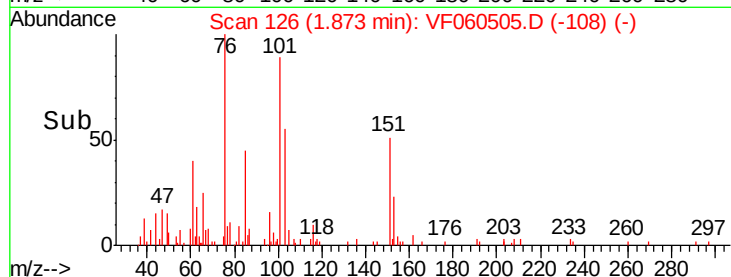
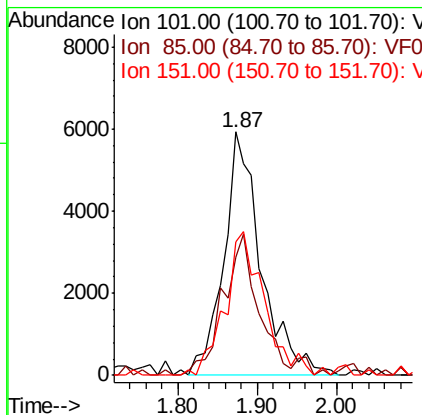
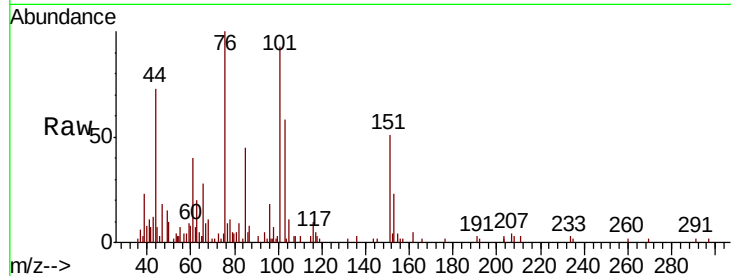
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	19527
Ion Ratio	Lower	Upper	
101	100		
85	48.5	49.9	74.9#
151	55.1	50.6	76.0

Manual Integrations
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#10

Methyl Iodide

Concen: 6.777 ug/l m

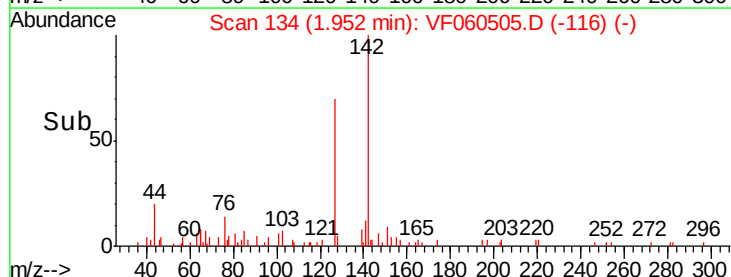
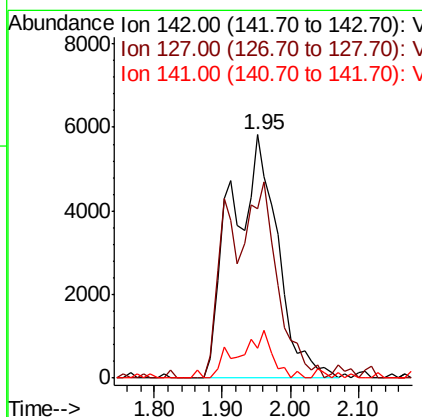
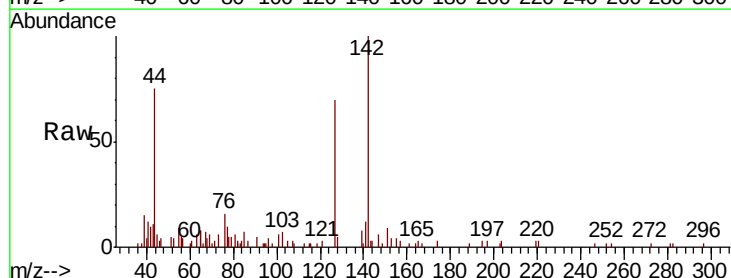
RT: 1.95 min Scan# 134

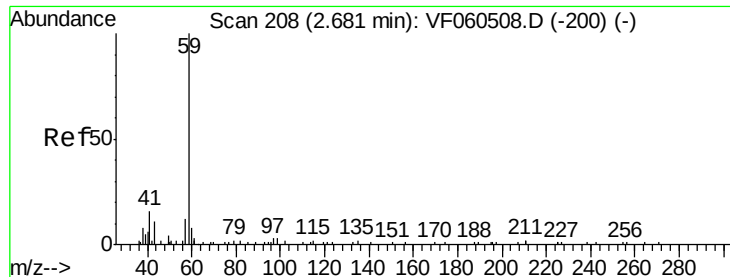
Delta R.T. -0.02 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Tgt Ion:	142	Resp:	27714
Ion Ratio	Lower	Upper	
142	100		
127	69.8	66.5	99.7
141	12.4	14.2	21.4#





#11

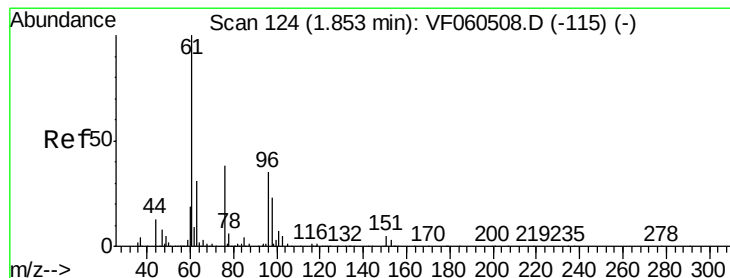
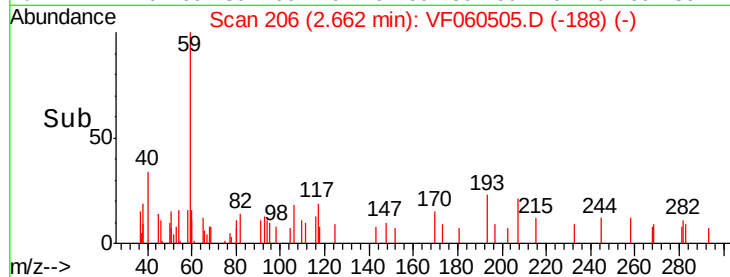
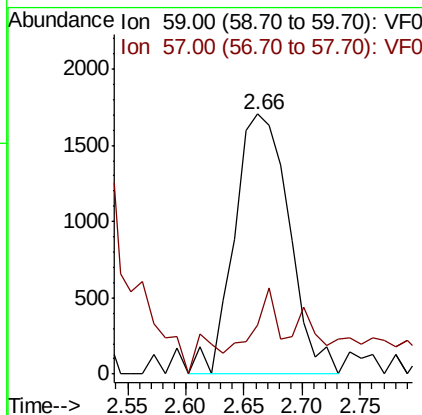
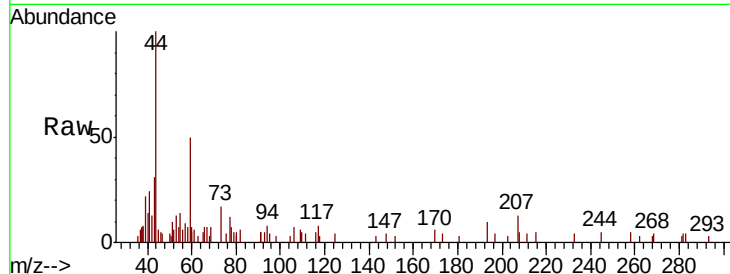
Tert butyl alcohol
 Concen: 39.990 ug/l
 RT: 2.66 min Scan# 206
 Delta R.T. -0.02 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	18.8	15.8	23.8

Manual Integrations
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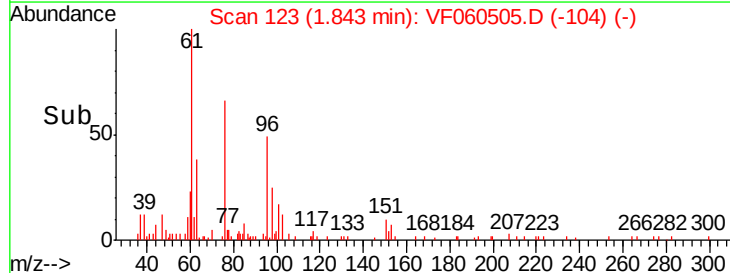
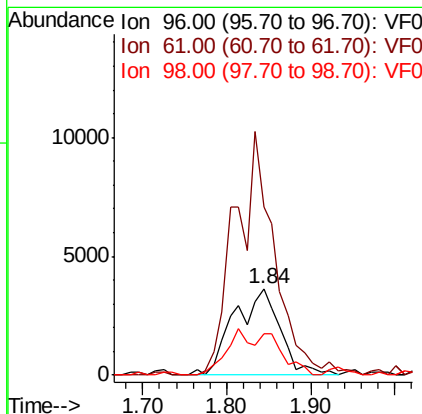
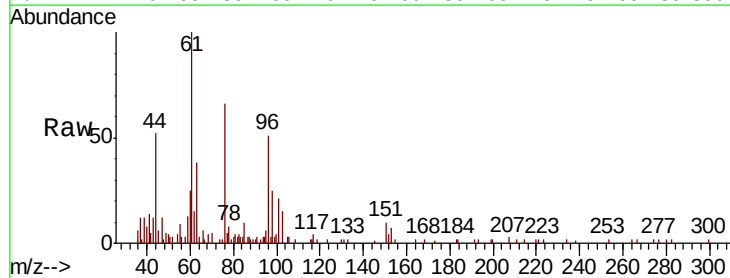
apatel
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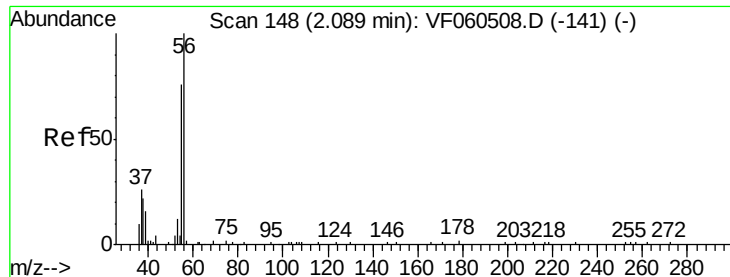


#12

1,1-Dichloroethene
 Concen: 6.476 ug/l
 RT: 1.84 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	195.1	231.4	347.0#
98	48.0	53.3	79.9#





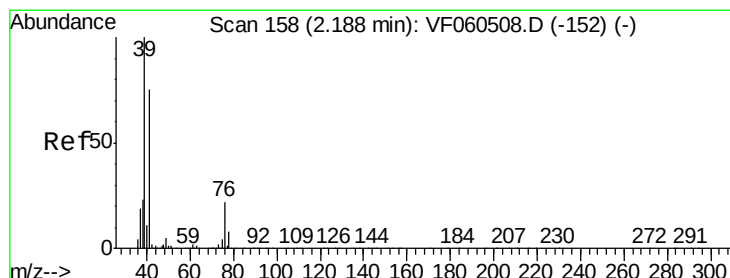
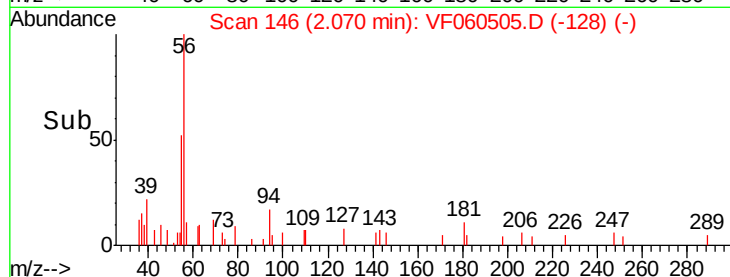
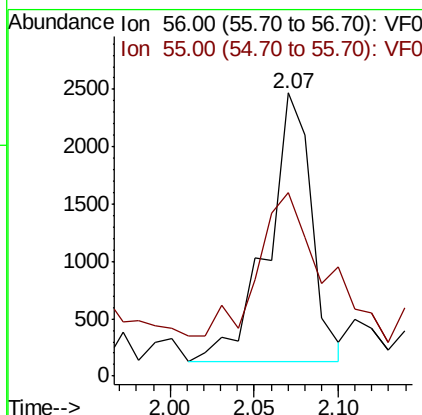
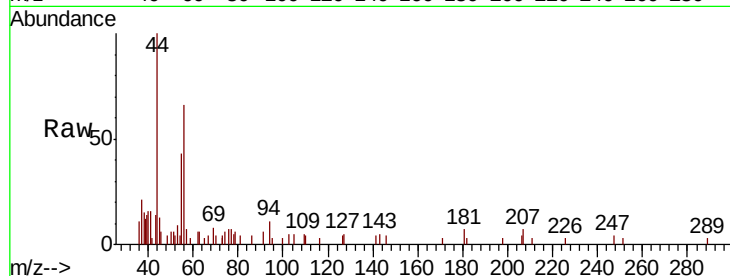
#13
Acrolein
Concen: 48.741 ug/l
RT: 2.07 min Scan# 146
Delta R.T. -0.02 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
55	65.1	63.0	94.4

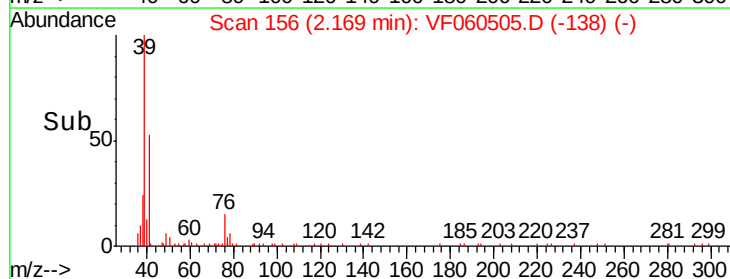
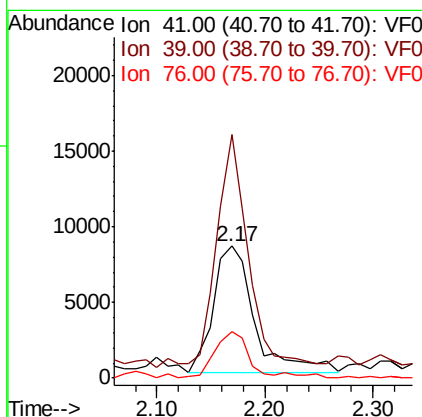
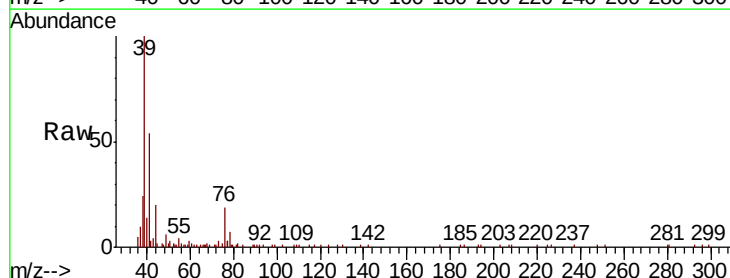
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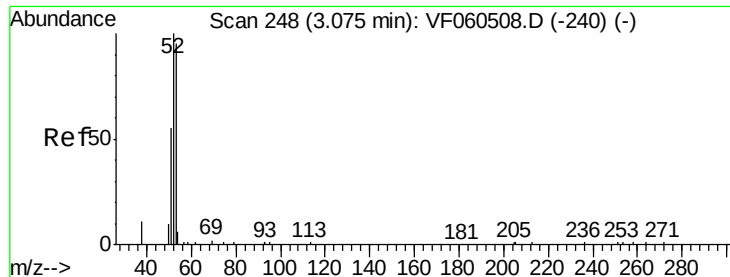
apatel
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#14
Allyl chloride
Concen: 6.966 ug/l
RT: 2.17 min Scan# 156
Delta R.T. -0.02 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
41	100		
39	184.2	106.0	159.0#
76	35.5	24.1	36.1





#15

Acrylonitrile

Concen: 27.849 ug/l

RT: 3.05 min Scan# 245

Delta R.T. -0.03 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

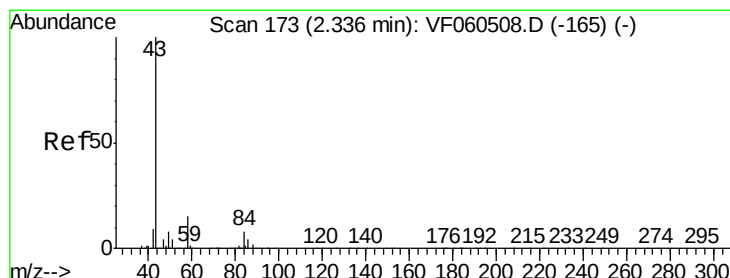
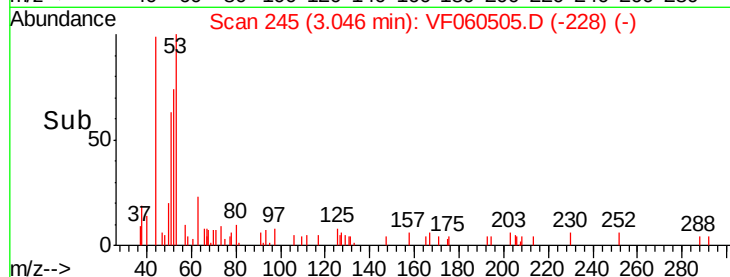
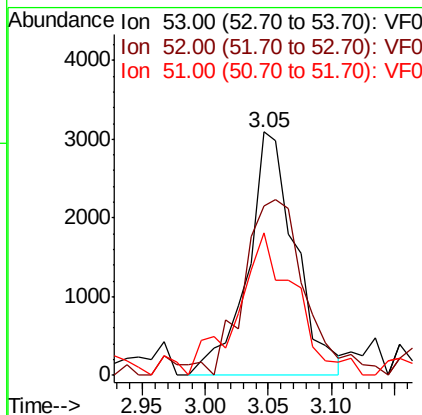
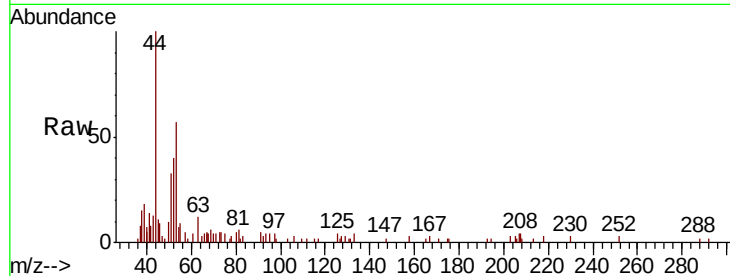
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	8128
Ion Ratio	Lower	Upper	
53	100		
52	69.3	84.0	126.0#
51	58.7	48.6	73.0

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#16

Acetone

Concen: 39.396 ug/l

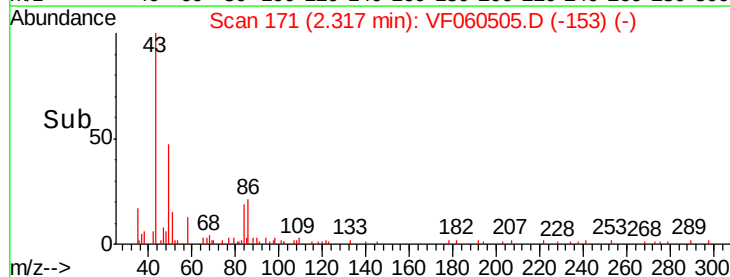
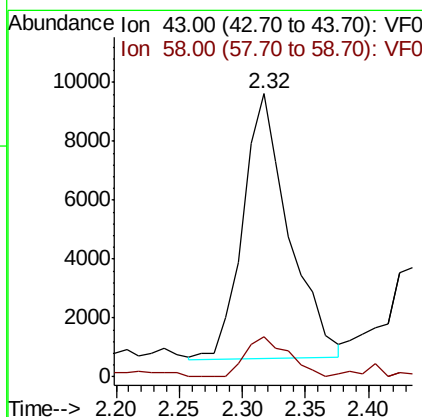
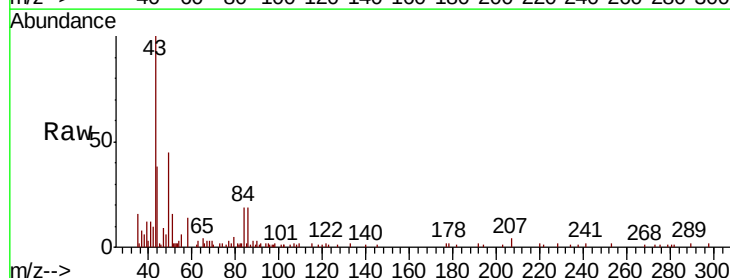
RT: 2.32 min Scan# 171

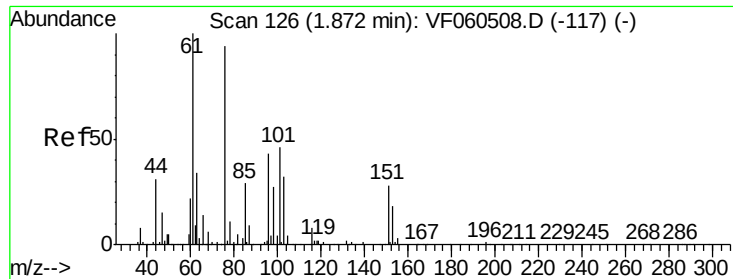
Delta R.T. -0.02 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Tgt Ion:	43	Resp:	22840
Ion Ratio	Lower	Upper	
43	100		
58	14.1	11.7	17.5





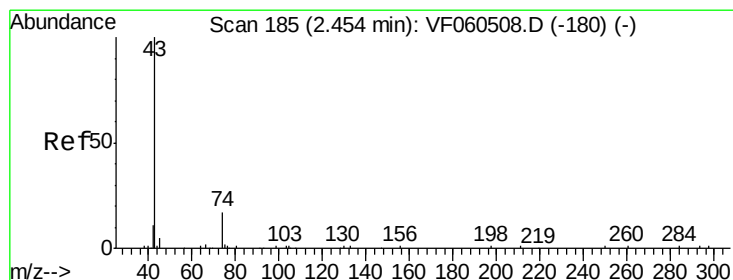
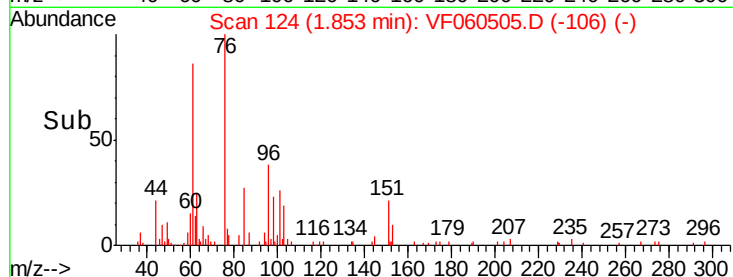
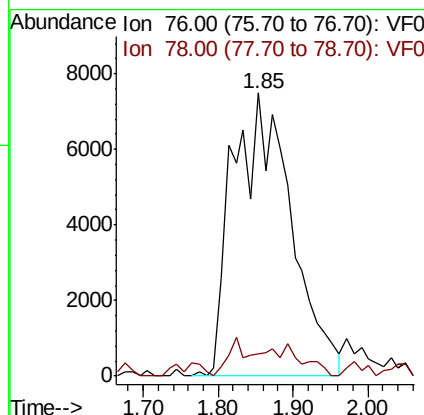
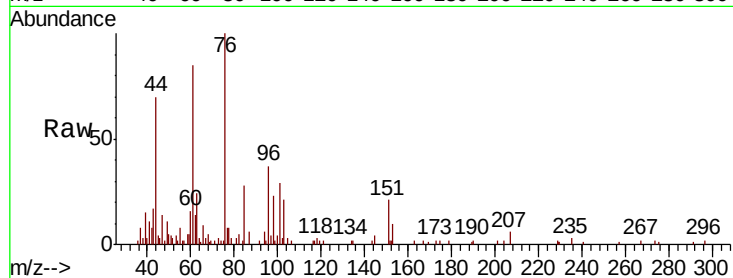
#17
Carbon Disulfide
Concen: 6.784 ug/l m
RT: 1.85 min Scan# 124
Delta R.T. -0.02 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.9	9.2	13.8#

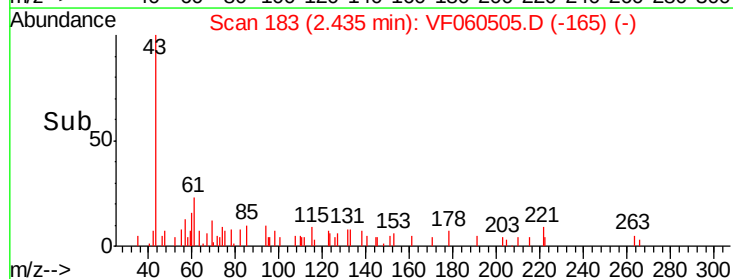
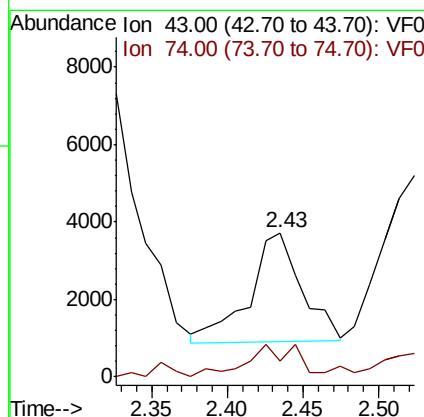
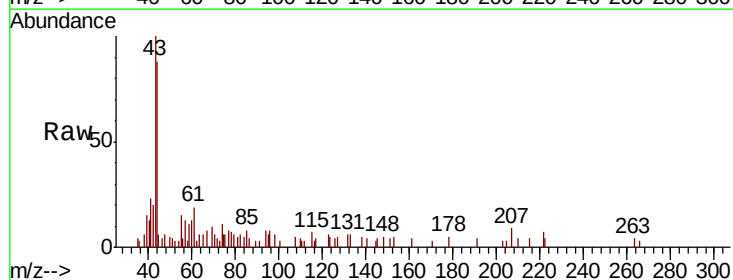
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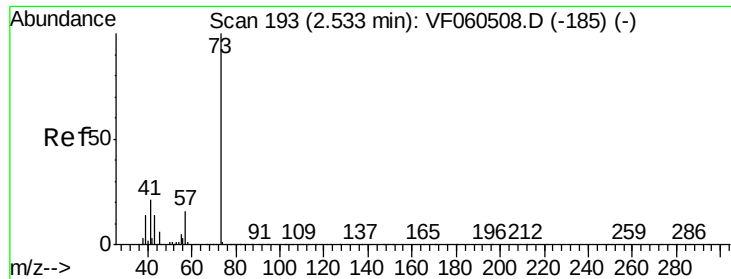
apatel
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#18
Methyl Acetate
Concen: 6.172 ug/l
RT: 2.43 min Scan# 183
Delta R.T. -0.02 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	11.3	12.1	18.1#





#19

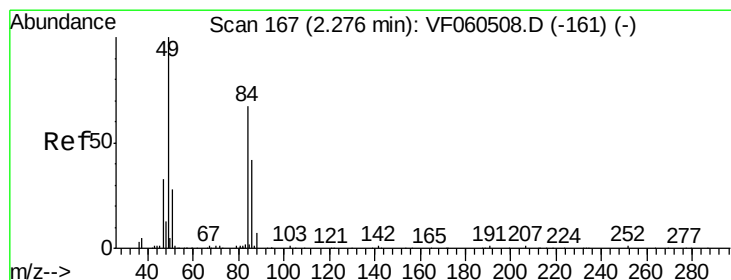
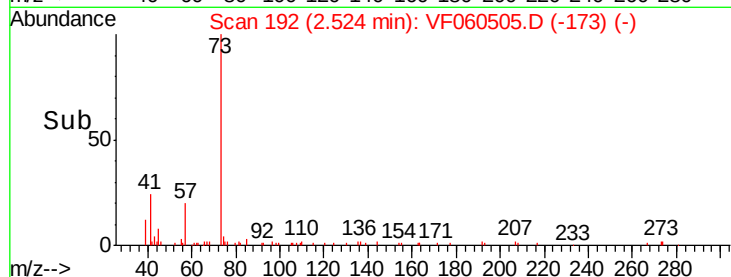
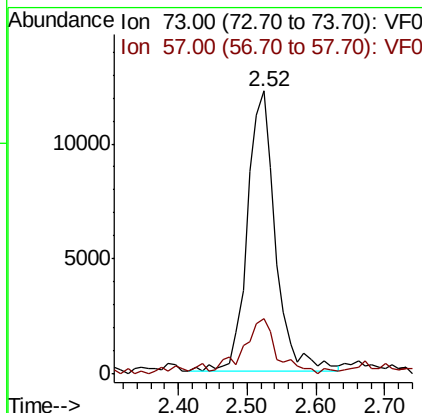
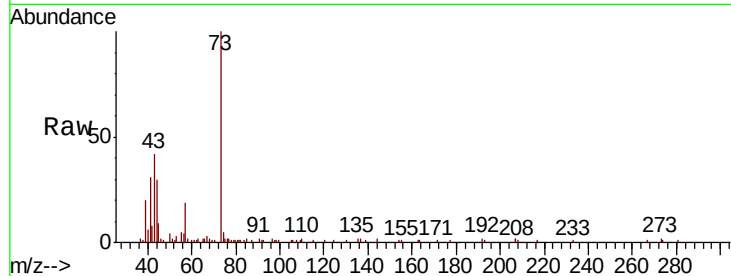
Methyl tert-butyl Ether
 Concen: 7.055 ug/l
 RT: 2.52 min Scan# 192
 Delta R.T. -0.01 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.5	13.3	19.9

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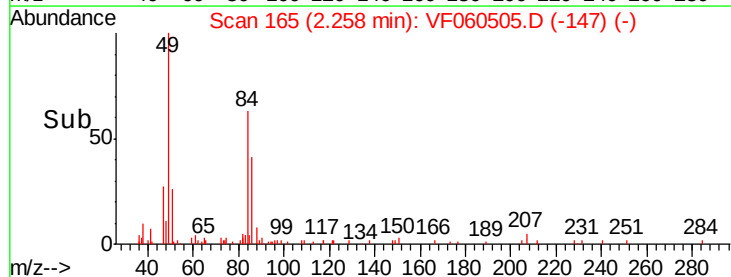
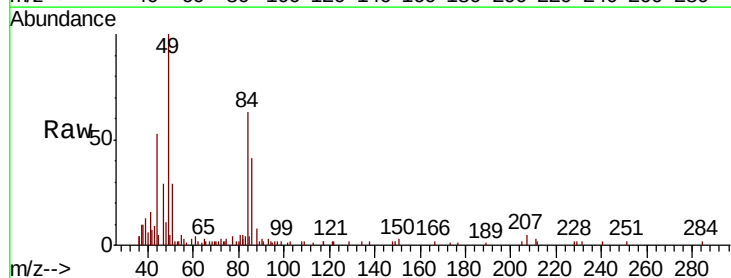
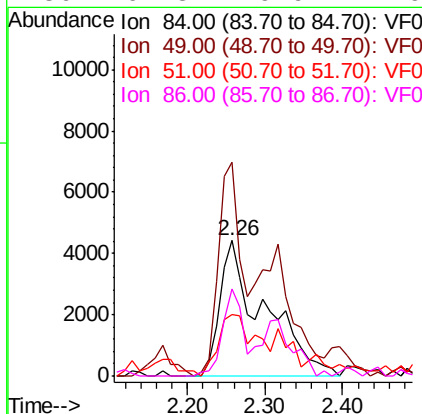
apatel
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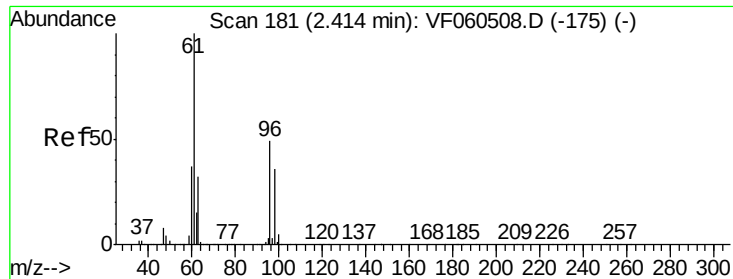


#20

Methylene Chloride
 Concen: 8.688 ug/l m
 RT: 2.26 min Scan# 165
 Delta R.T. -0.02 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	157.7	123.1	184.7
51	45.2	35.3	52.9
86	64.3	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 6.238 ug/l

RT: 2.39 min Scan# 178

Delta R.T. -0.03 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

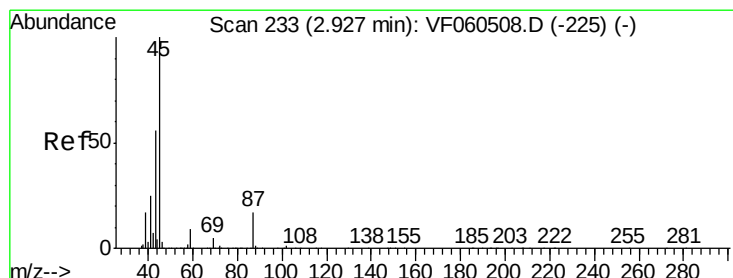
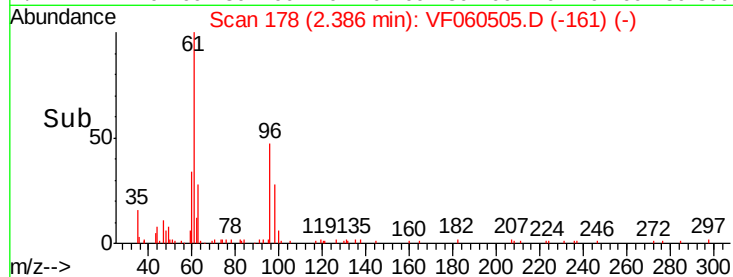
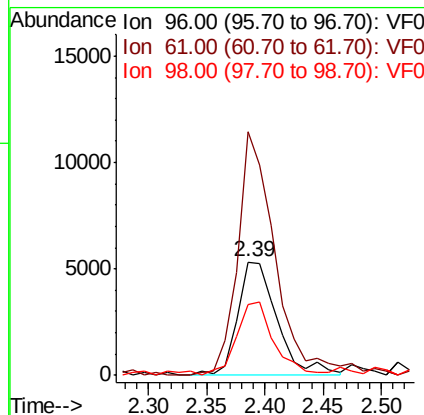
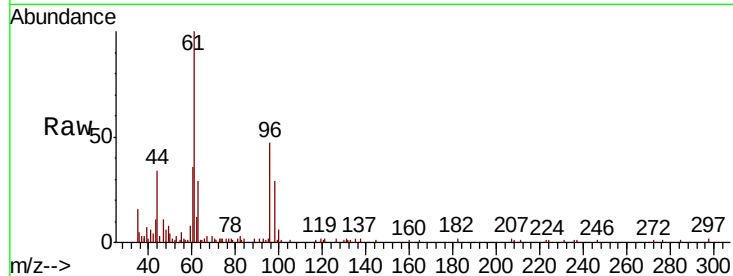
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	12544
Ion	Ratio	Lower	Upper
96	100		
61	214.5	162.5	243.7
98	62.9	58.5	87.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 6.001 ug/l

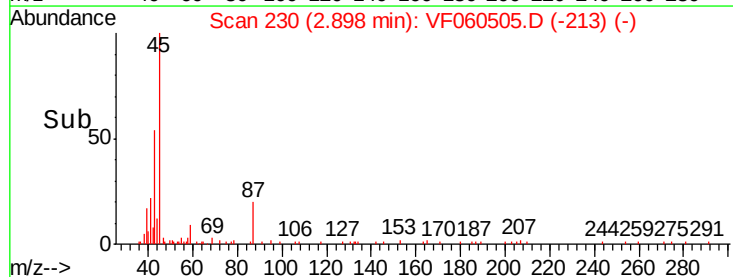
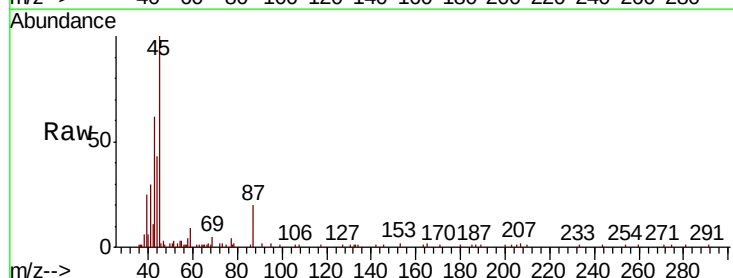
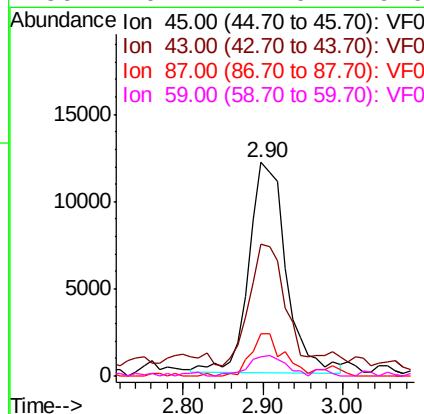
RT: 2.90 min Scan# 230

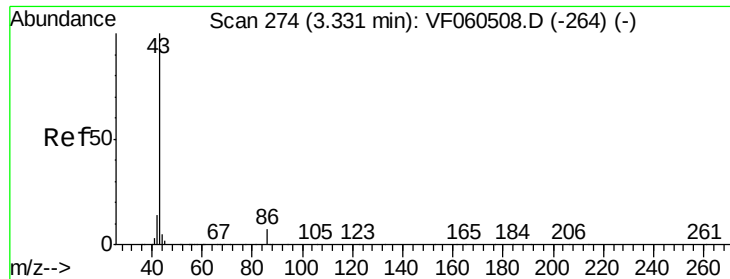
Delta R.T. -0.03 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Tgt Ion:	45	Resp:	39176
Ion	Ratio	Lower	Upper
45	100		
43	61.9	45.2	67.8
87	19.5	13.4	20.2
59	9.1	7.0	10.6





#23

Vinyl Acetate

Concen: 24.061 ug/l

RT: 3.31 min Scan# 272

Delta R.T. -0.02 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 54987

Ion Ratio Lower Upper

43 100

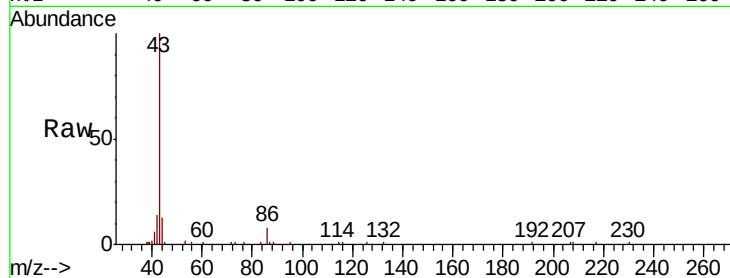
86 7.5 5.3 7.9

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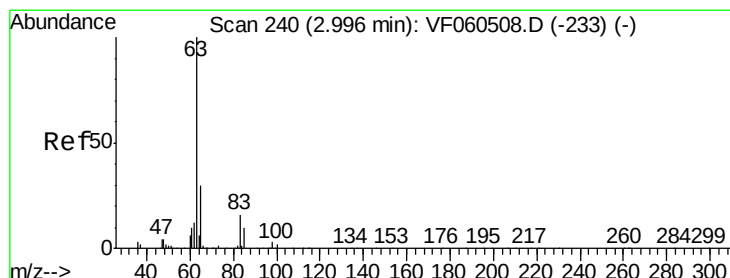
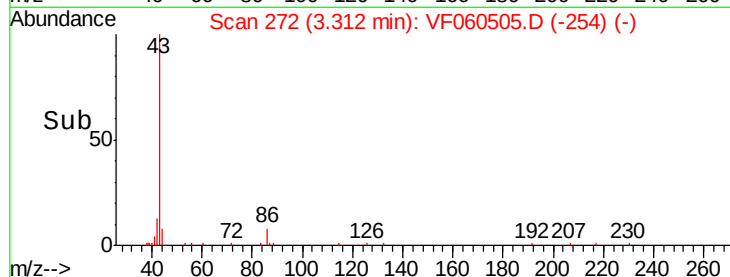
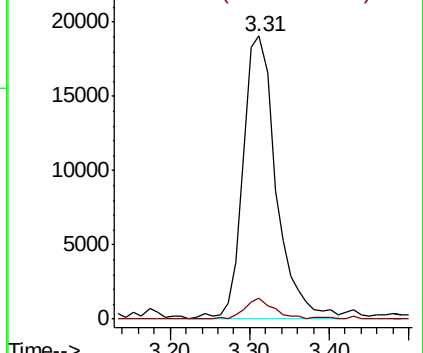
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 6.513 ug/l

RT: 2.98 min Scan# 238

Delta R.T. -0.02 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

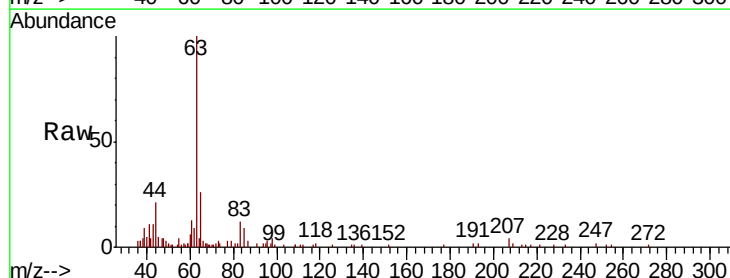
Tgt Ion: 63 Resp: 28533

Ion Ratio Lower Upper

63 100

98 4.4 1.7 5.0

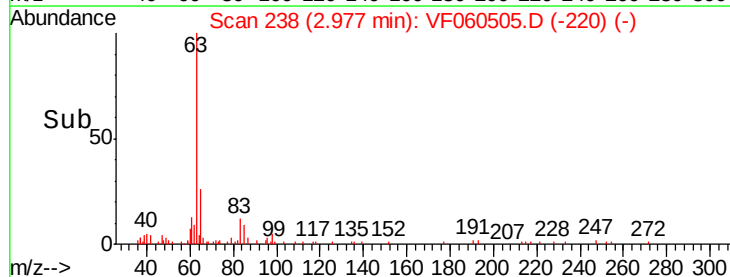
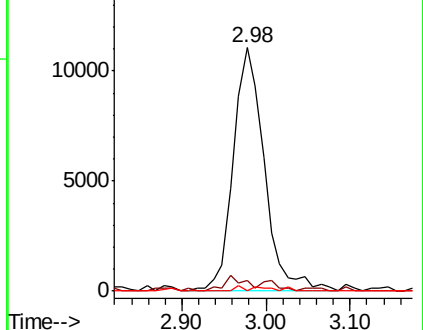
100 0.0 1.1 3.3#

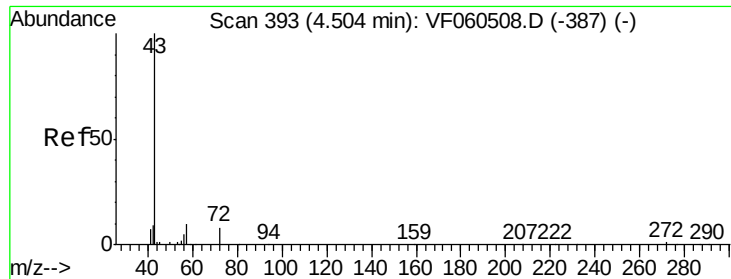


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 28.124 ug/l m

RT: 4.49 min Scan# 391

Delta R.T. -0.02 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 17749

Ion Ratio Lower Upper

43 100

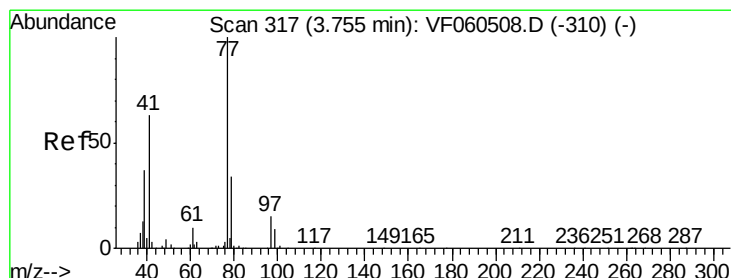
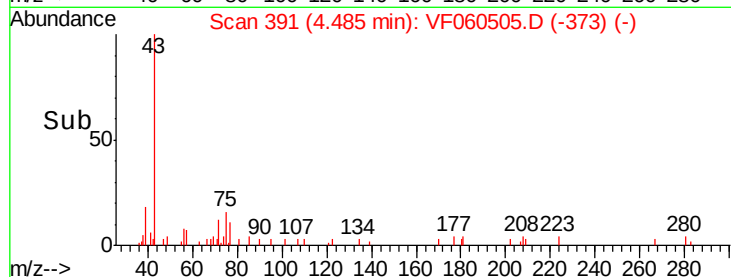
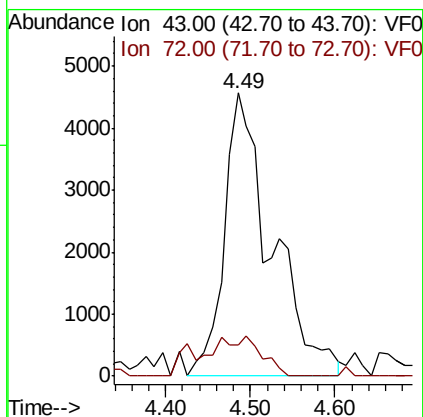
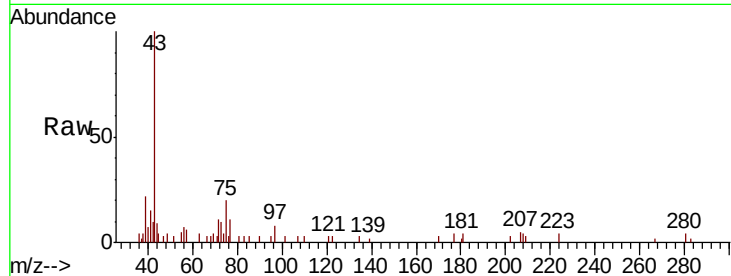
72 11.2 13.0 19.6#

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#26

2,2-Dichloropropane

Concen: 8.723 ug/l

RT: 3.74 min Scan# 315

Delta R.T. -0.02 min

Lab File: VF060505.D

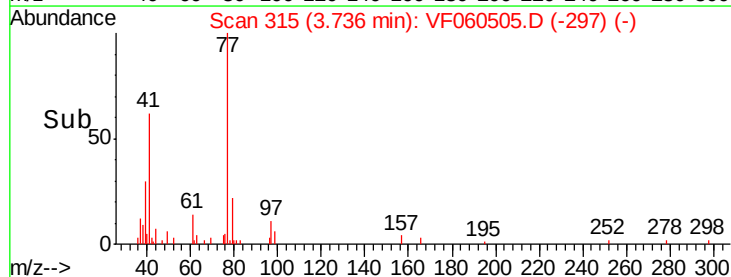
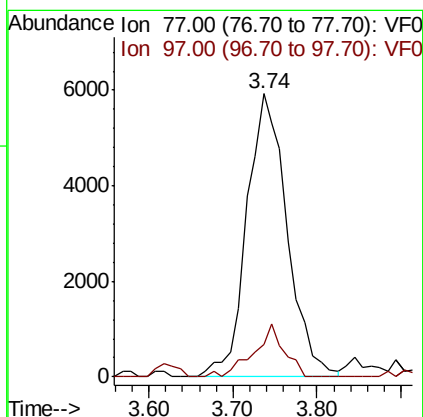
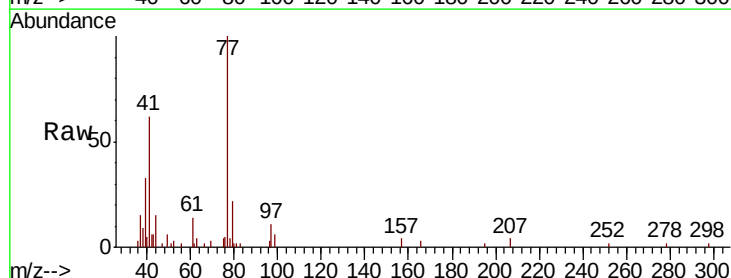
Acq: 25 Oct 2018 13:39

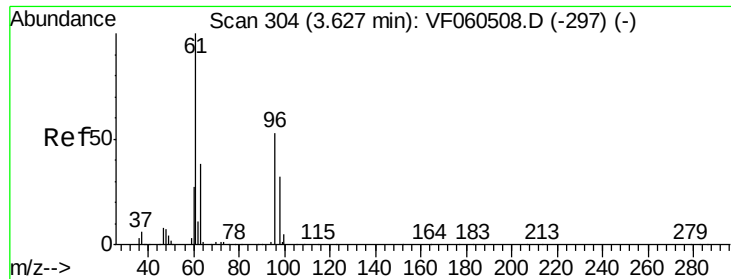
Tgt Ion: 77 Resp: 19927

Ion Ratio Lower Upper

77 100

97 11.3 7.9 23.7





#27

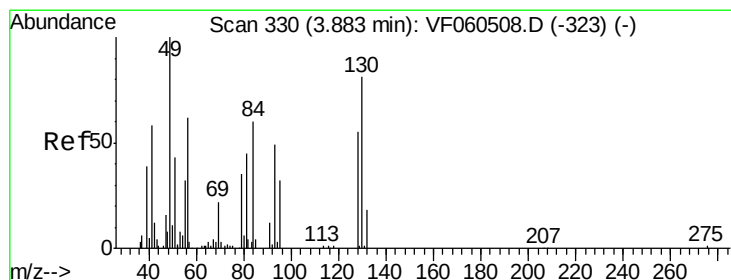
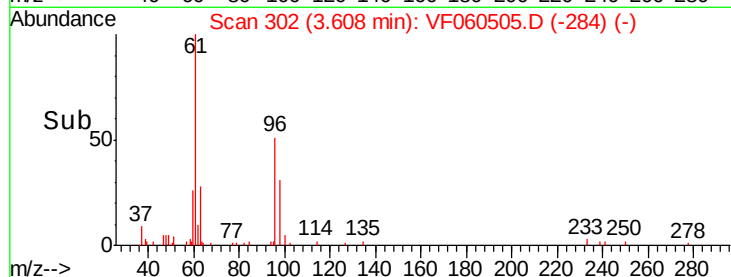
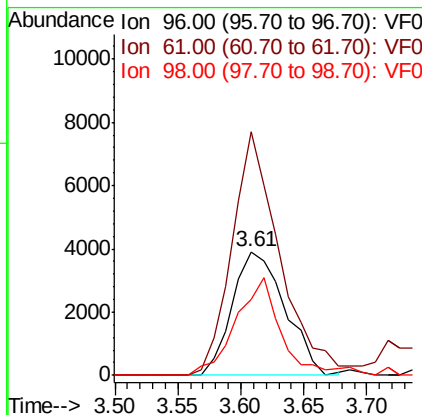
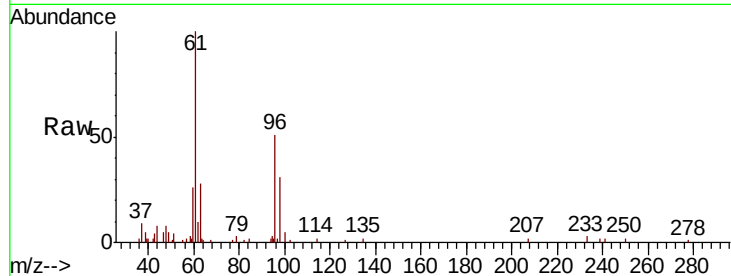
cis-1,2-Dichloroethene
Concen: 4.828 ug/l
RT: 3.61 min Scan# 302
Delta R.T. -0.02 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	197.2	0.0	377.0
98	61.0	0.0	122.4

Manual Integrations
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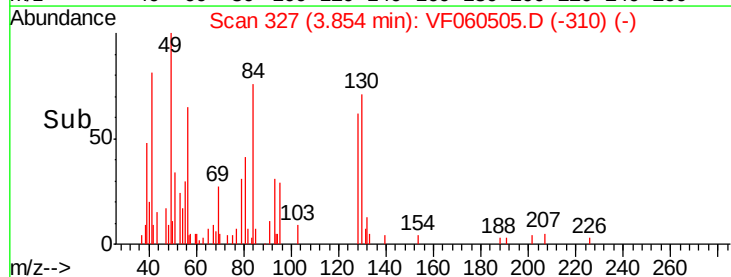
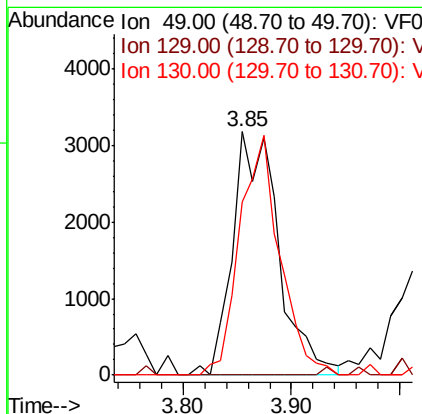
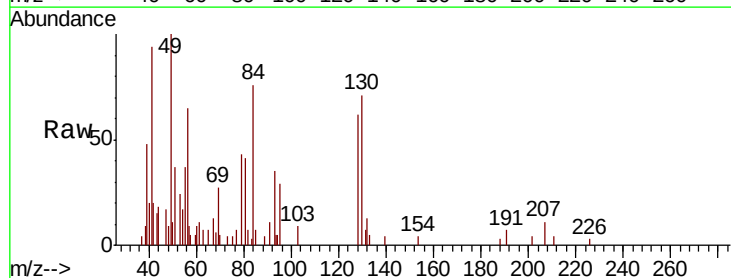
apatel
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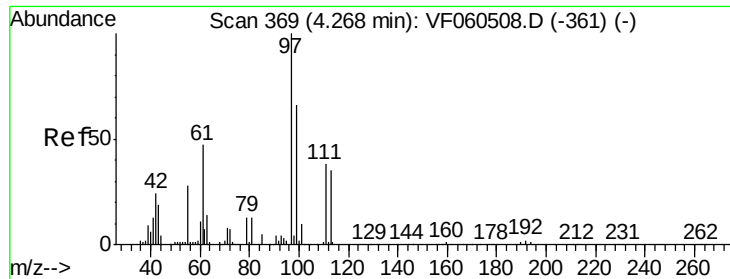


#28

Bromochloromethane
Concen: 6.171 ug/l
RT: 3.85 min Scan# 327
Delta R.T. -0.03 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.0
130	71.1	65.0	97.4





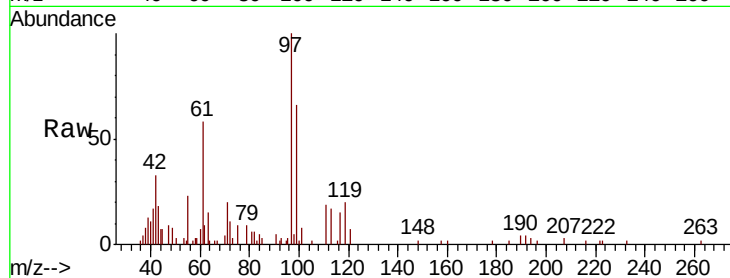
#29
Tetrahydrofuran
Concen: 31.748 ug/l
RT: 4.24 min Scan# 366
Delta R.T. -0.03 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.9	32.1	48.1
71	35.6	29.7	44.5

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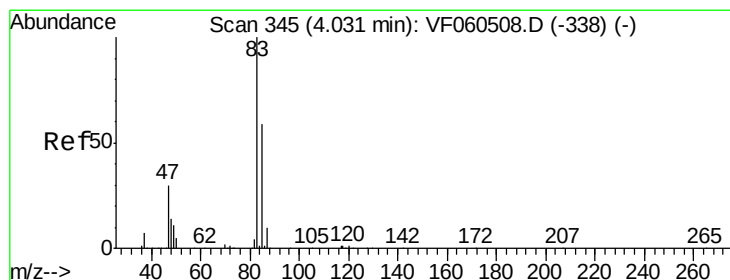
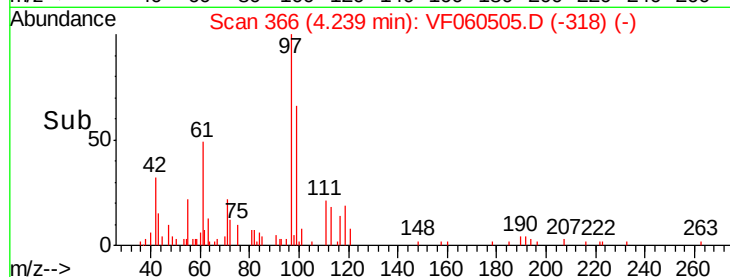
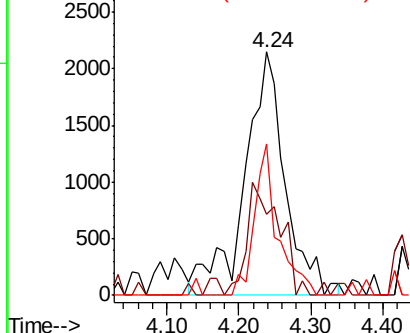


Abundance

Ion 42.00 (41.70 to 42.70): VF0

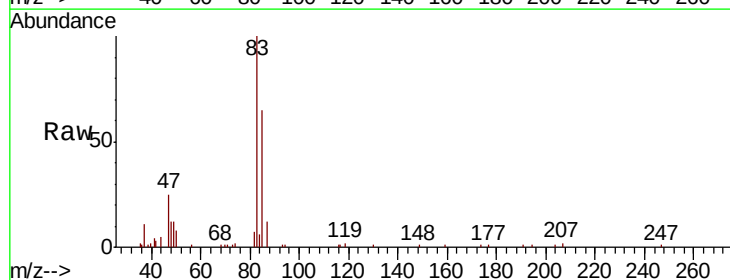
Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30
Chloroform
Concen: 6.821 ug/l
RT: 4.01 min Scan# 343
Delta R.T. -0.02 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

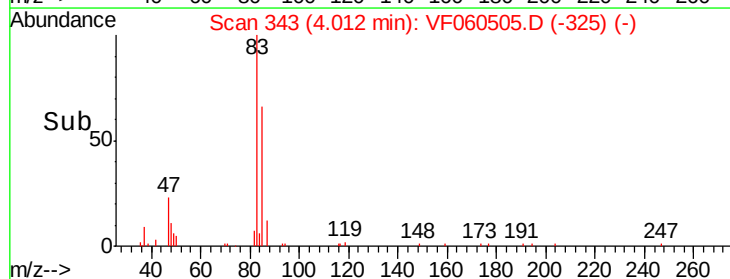
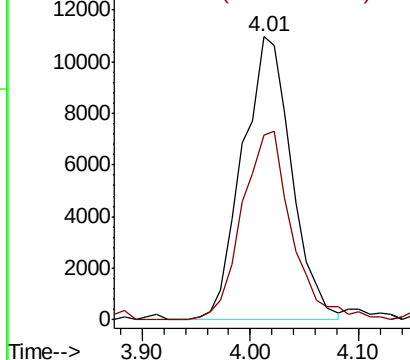
Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	47.4	71.2

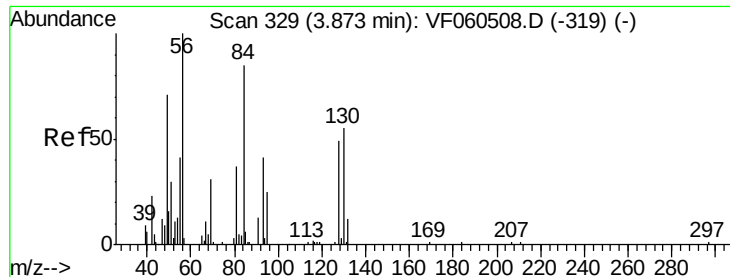


Abundance

Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0





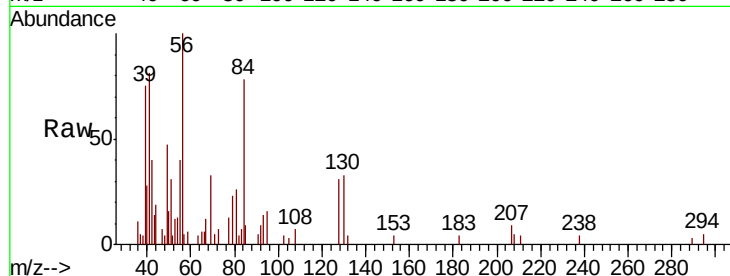
#31
Cyclohexane
Concen: 5.553 ug/l
RT: 3.84 min Scan# 326
Delta R.T. -0.03 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	24.6	37.0
84	77.6	68.2	102.2

Manual Integrations
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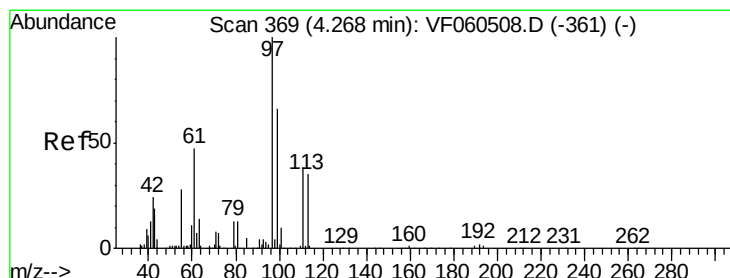
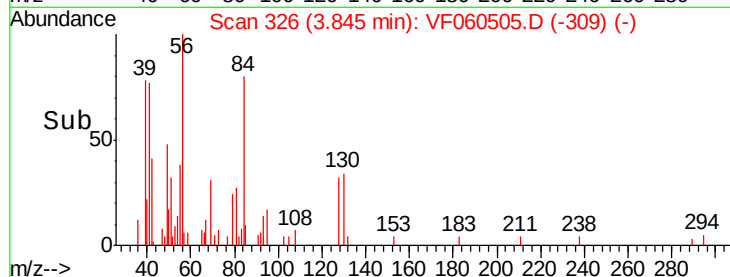
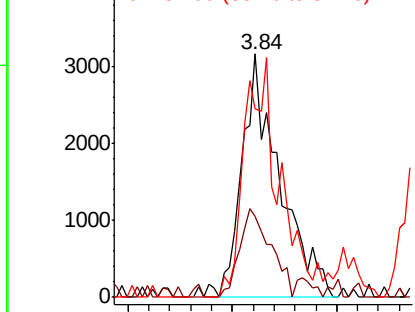


Abundance

Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#32
1,1,1-Trichloroethane
Concen: 7.717 ug/l
RT: 4.25 min Scan# 367
Delta R.T. -0.02 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

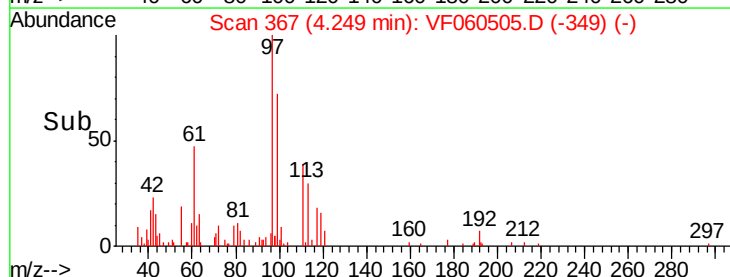
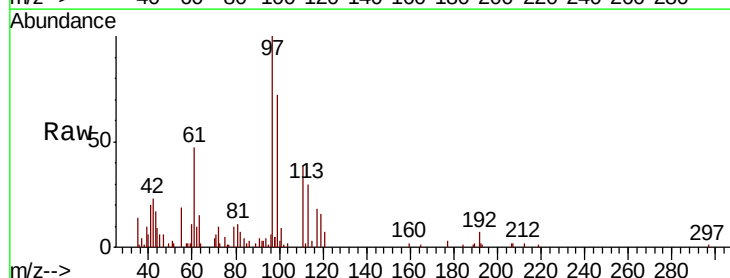
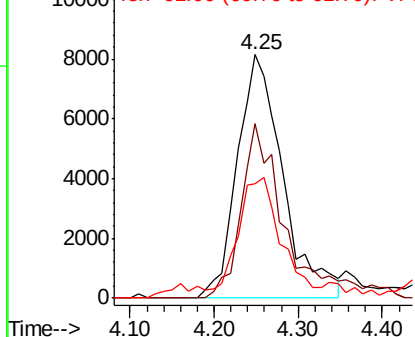
Tgt Ion	Ratio	Lower	Upper
97	100		
99	68.3	53.0	79.6
61	45.0	37.9	56.9

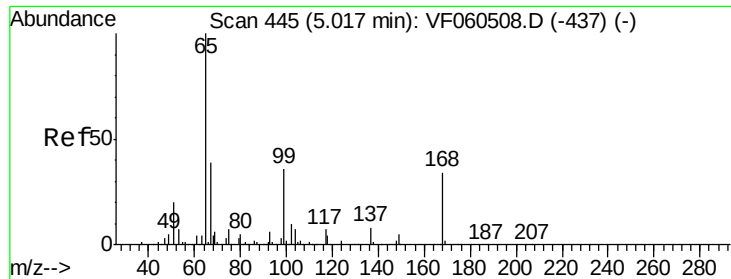
Abundance

Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 7.616 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.02 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 20151

Ion Ratio Lower Upper

65 100

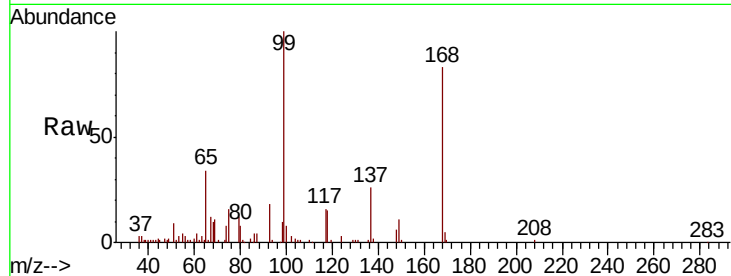
67 35.7 0.0 85.8

Manual Integrations

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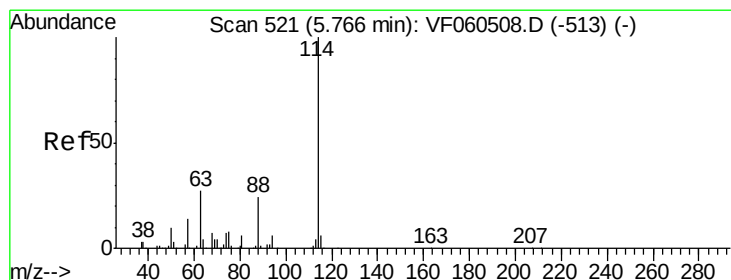
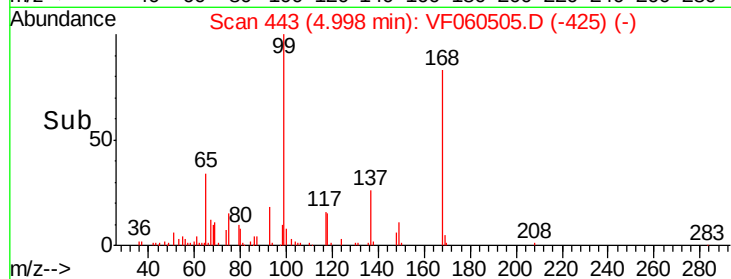
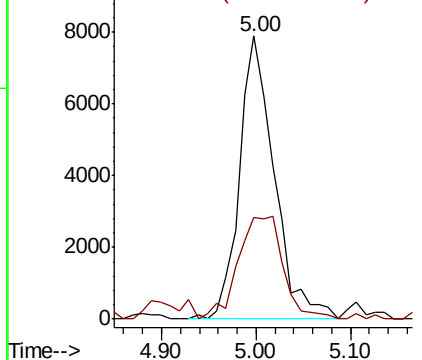
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. -0.02 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

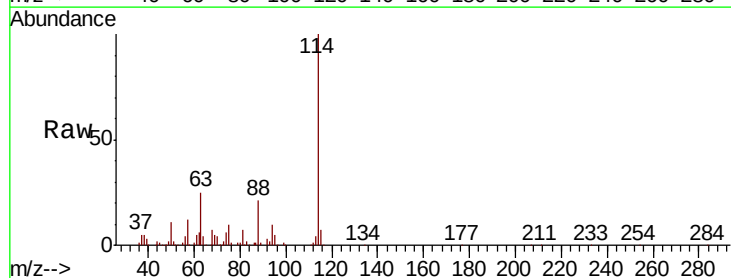
Tgt Ion: 114 Resp: 248564

Ion Ratio Lower Upper

114 100

63 25.5 0.0 54.4

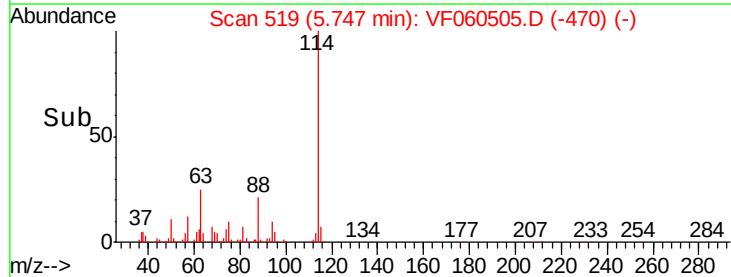
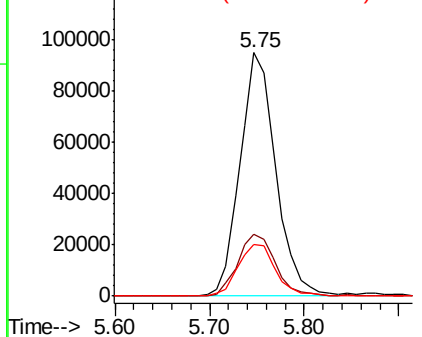
88 21.1 0.0 47.2

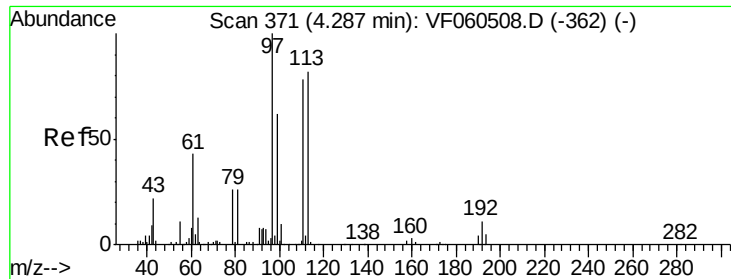


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0





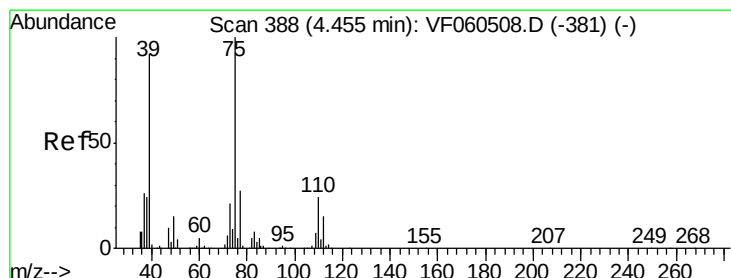
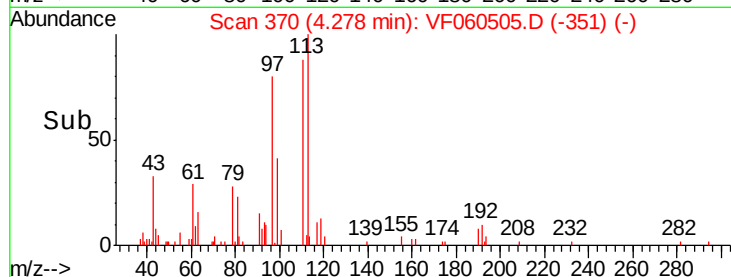
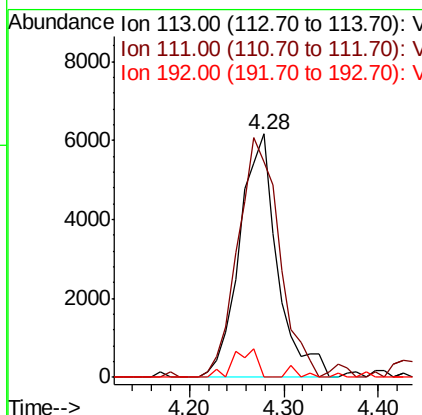
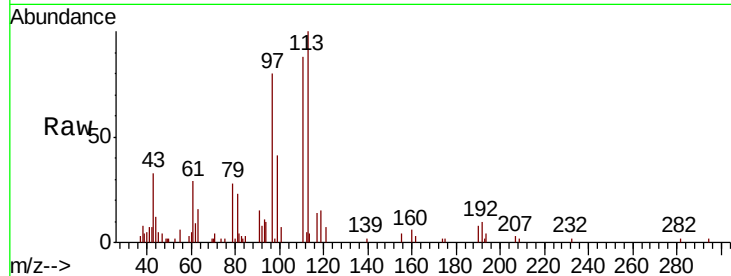
#35
 Dibromofluoromethane
 Concen: 7.479 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. -0.01 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	88.3	75.9	113.9
192	0.0	10.6	15.8

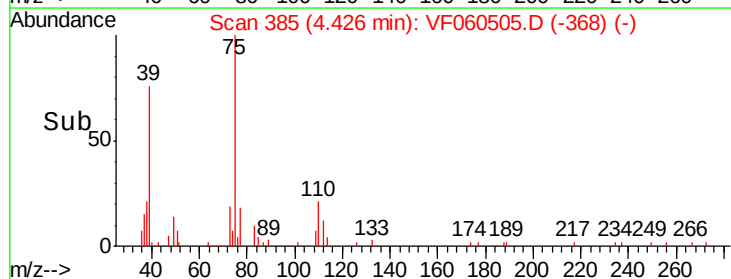
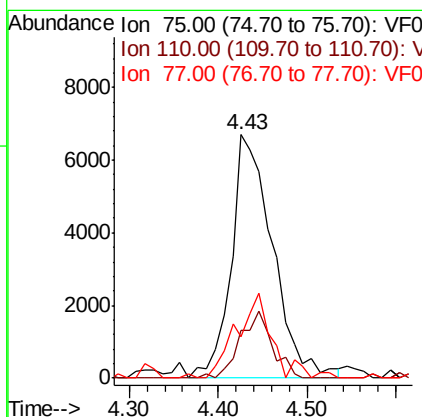
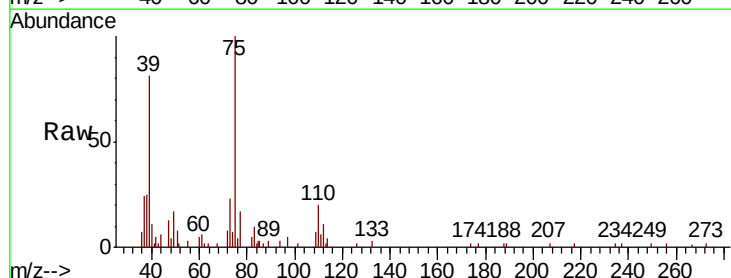
Manual Integrations
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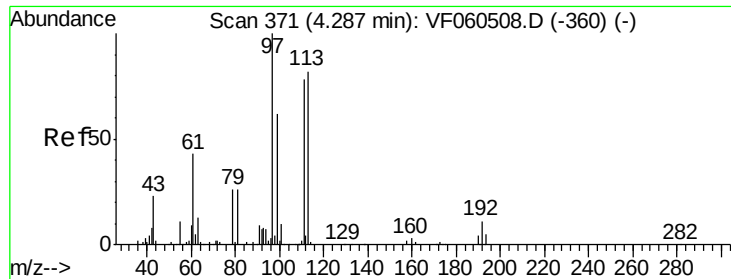
apatel
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#36
 1,1-Dichloropropene
 Concen: 7.481 ug/l
 RT: 4.43 min Scan# 385
 Delta R.T. -0.03 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
110	19.8	12.1	36.3
77	16.9	21.8	32.6





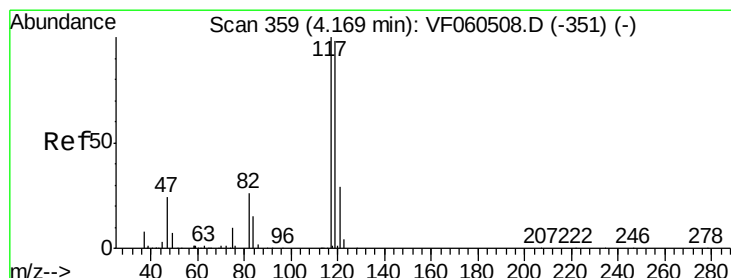
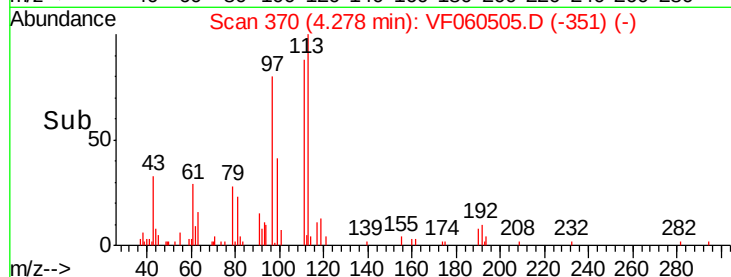
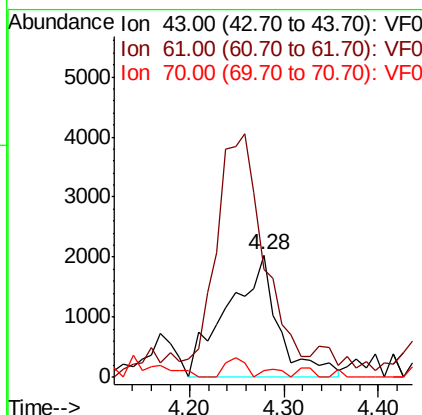
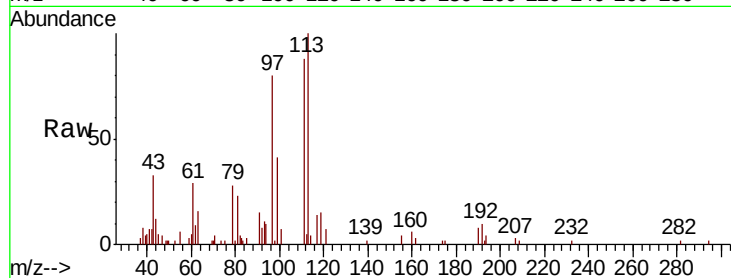
#37
Ethyl Acetate
Concen: 7.419 ug/l
RT: 4.28 min Scan# 370
Delta R.T. -0.01 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	88.3	148.5	222.7#
70	16.7	4.7	7.1#

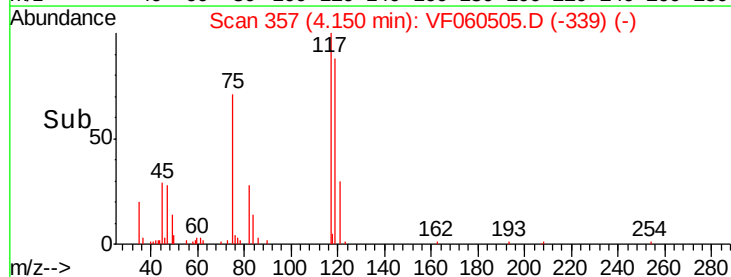
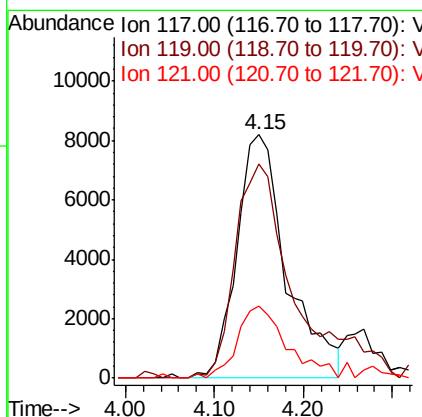
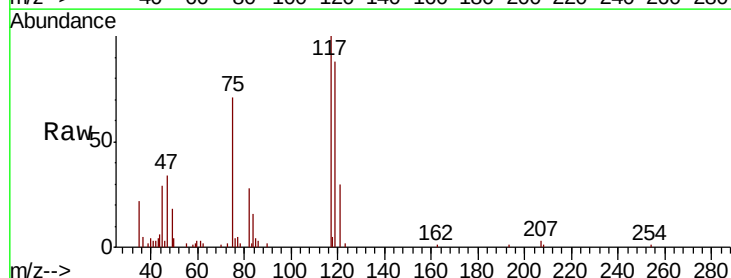
Manual Integrations
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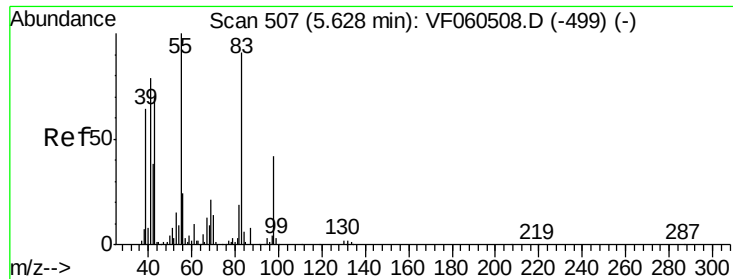
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#38
Carbon Tetrachloride
Concen: 11.023 ug/l
RT: 4.15 min Scan# 357
Delta R.T. -0.02 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.2	78.3	117.5
121	29.5	23.3	34.9





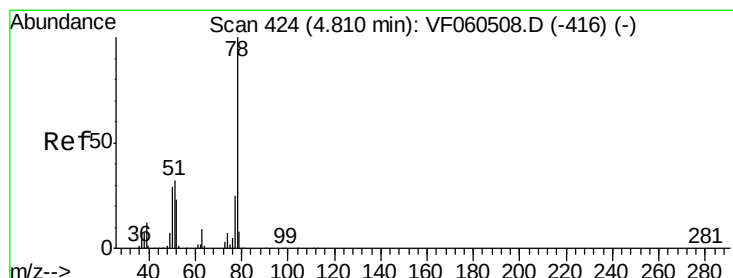
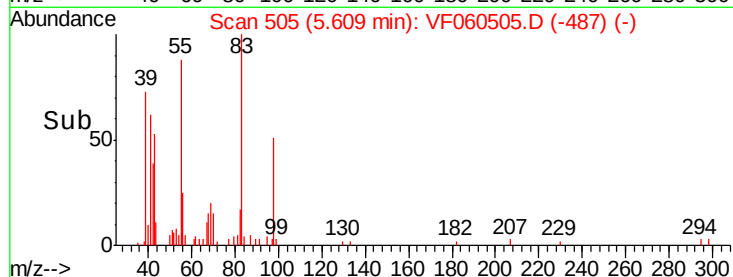
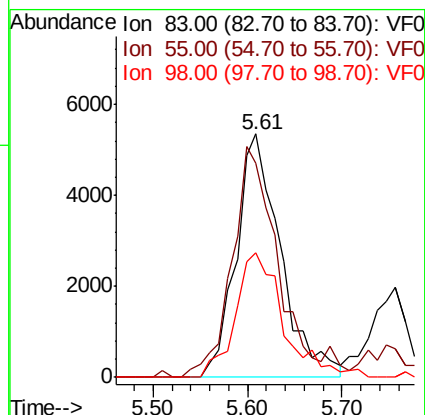
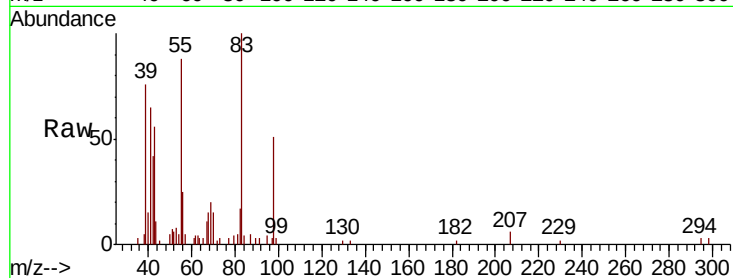
#39
Methylvlcyclohexane
Concen: 6.419 ug/l
RT: 5.61 min Scan# 505
Delta R.T. -0.02 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.0	87.9	131.9
98	51.2	37.0	55.6

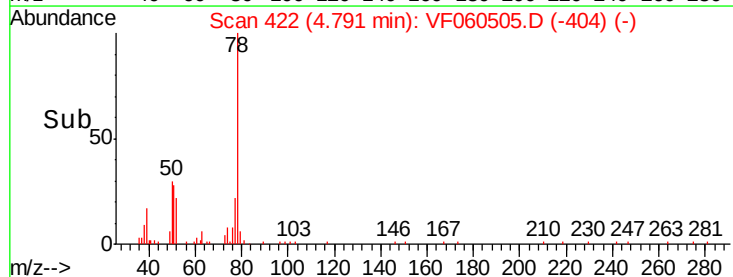
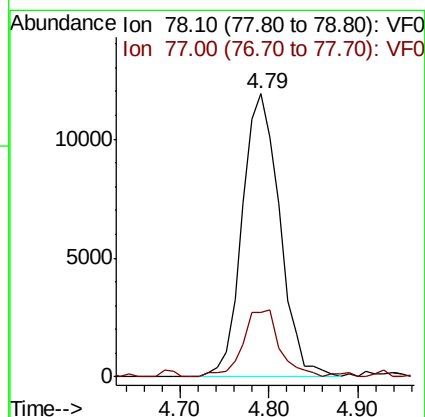
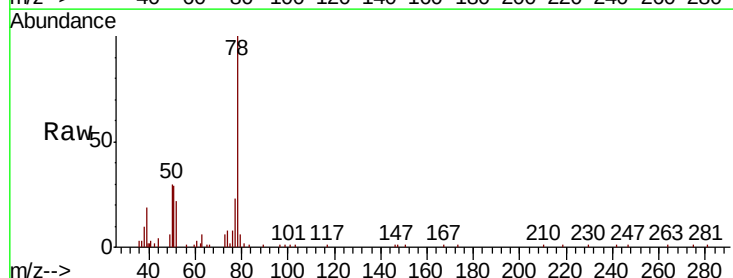
Manual Integrations
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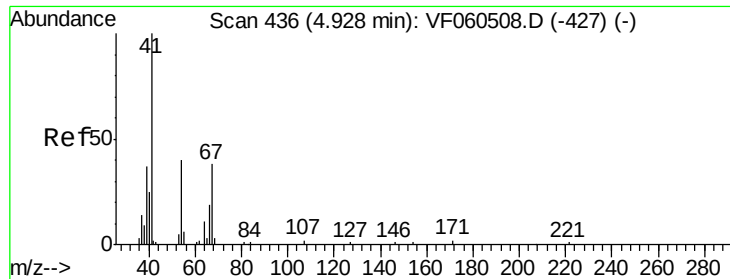
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#40
Benzene
Concen: 5.841 ug/l
RT: 4.79 min Scan# 422
Delta R.T. -0.02 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	20.2	30.4





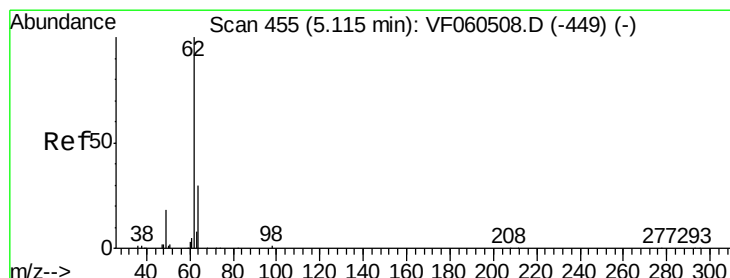
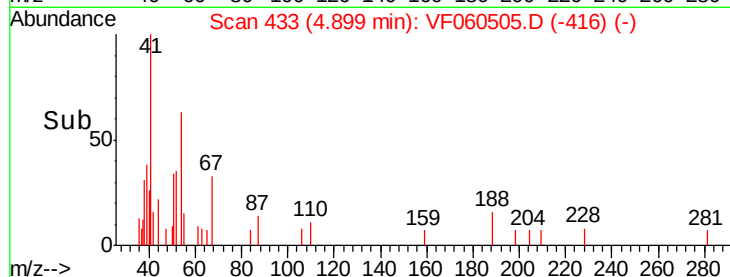
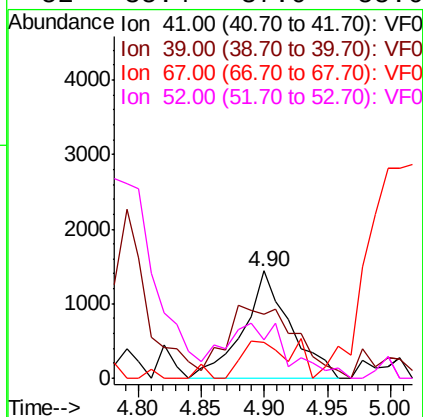
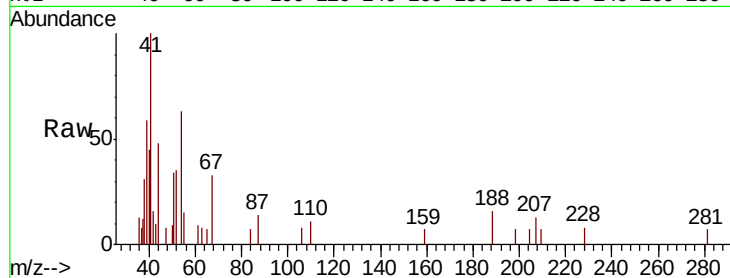
#41
Methacrylonitrile
Concen: 6.376 ug/l
RT: 4.90 min Scan# 433
Delta R.T. -0.03 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	59.4	55.2	82.8
67	67	33.2	29.8	44.8
52	52	35.4	37.0	55.6#

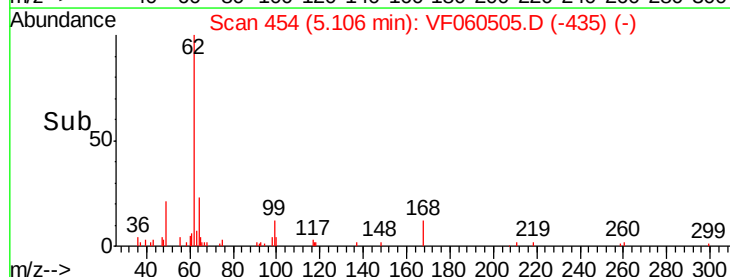
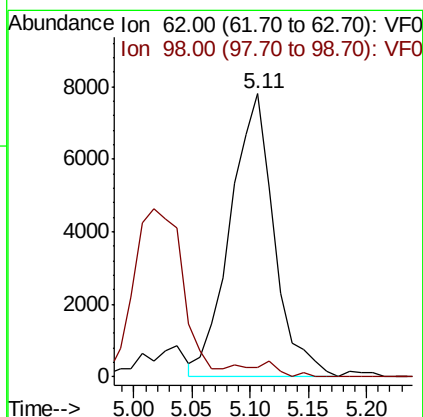
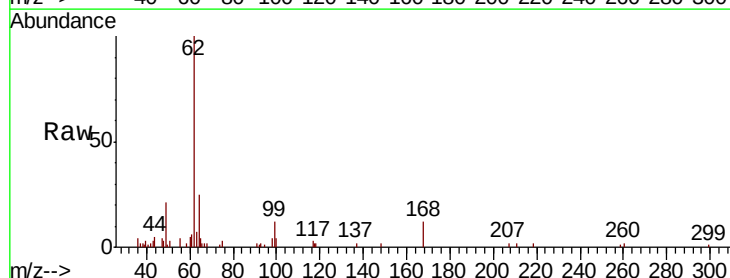
Manual Integrations
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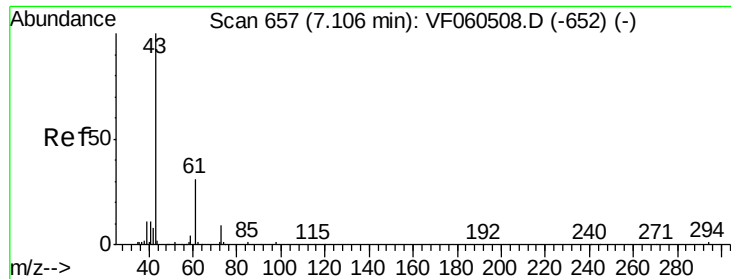
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#42
1,2-Dichloroethane
Concen: 7.551 ug/l
RT: 5.11 min Scan# 454
Delta R.T. -0.01 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	3.5	0.0	9.4





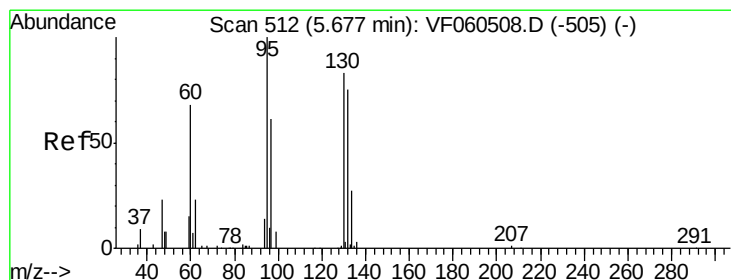
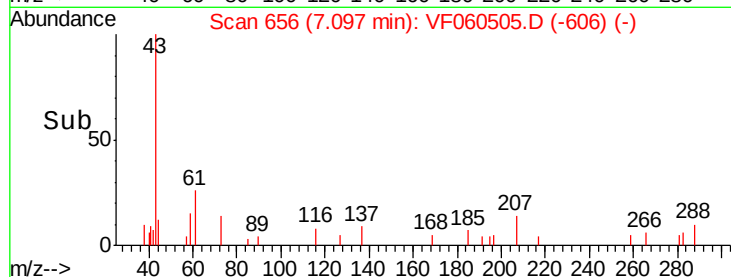
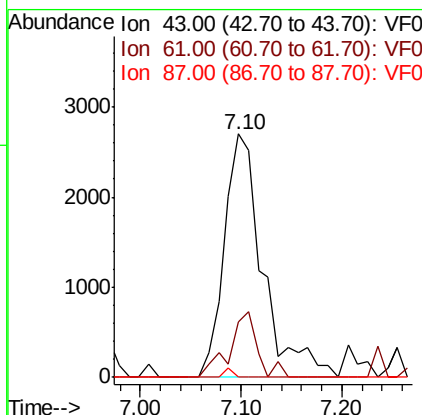
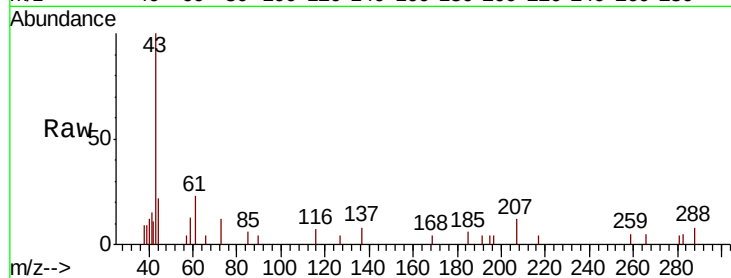
#43
Isopropyl Acetate
Concen: 5.614 ug/l
RT: 7.10 min Scan# 656
Delta R.T. -0.01 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.7	24.4	36.6#
87	0.0	0.0	0.0

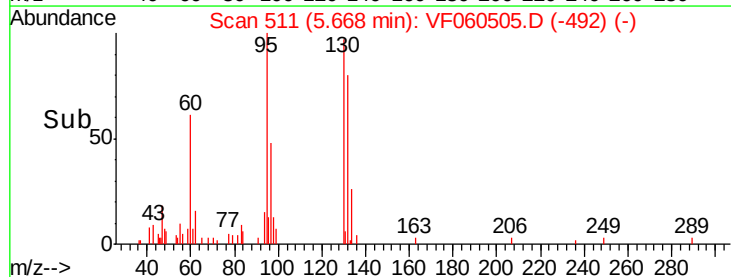
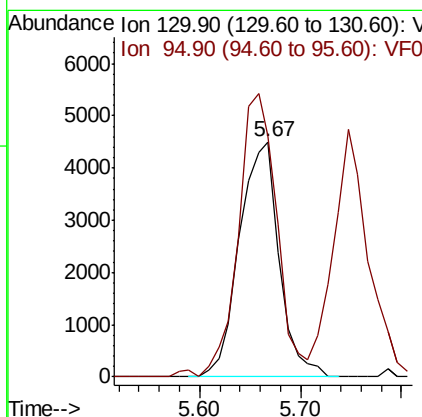
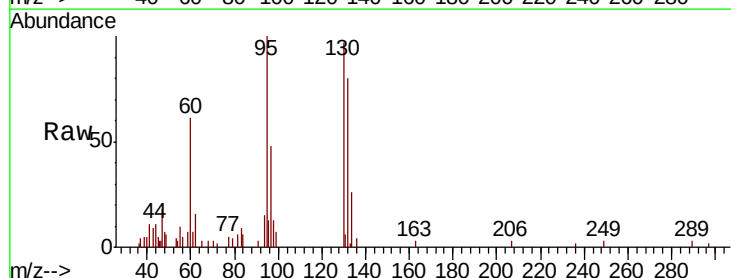
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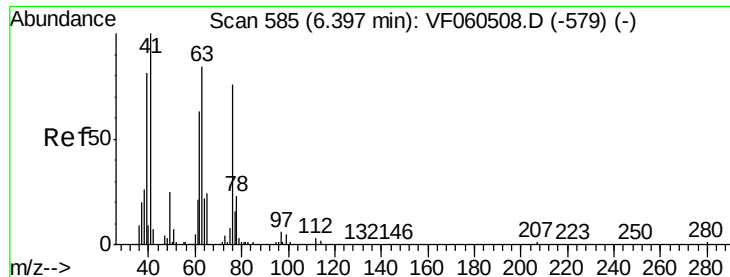
apatel
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#44
Trichloroethene
Concen: 6.677 ug/l
RT: 5.67 min Scan# 511
Delta R.T. -0.01 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	242.8





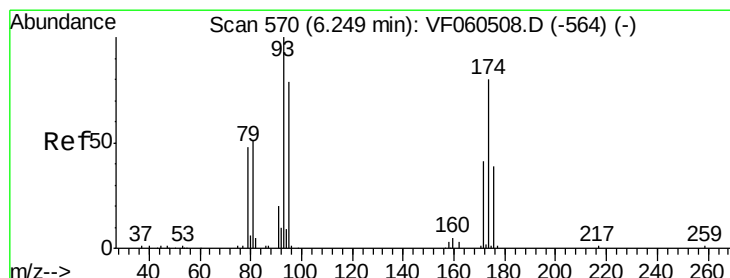
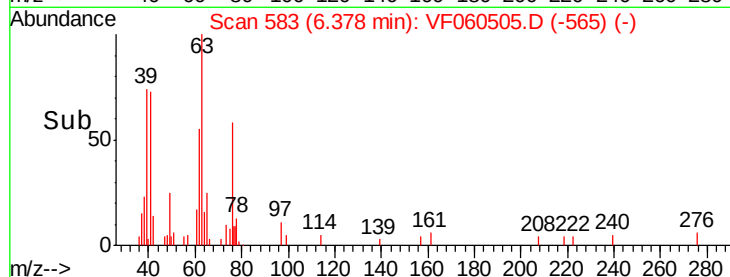
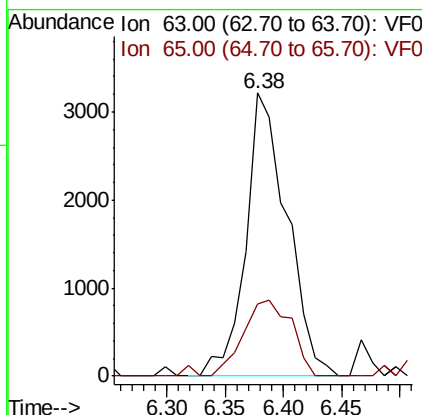
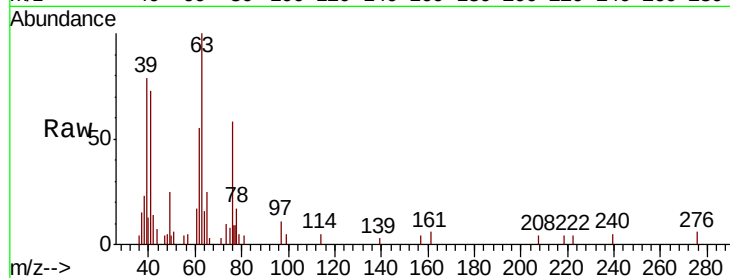
#45
 1,2-Dichloropropane
 Concen: 5.434 ug/l
 RT: 6.38 min Scan# 583
 Delta R.T. -0.02 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	25.4	22.7	34.1

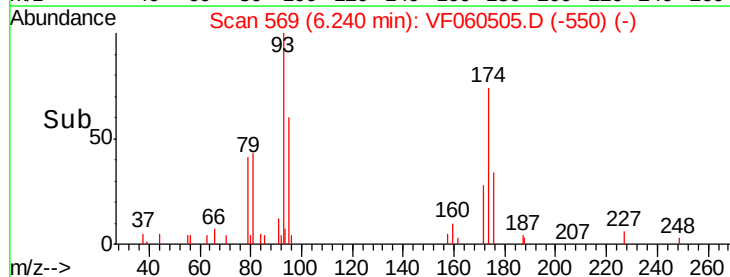
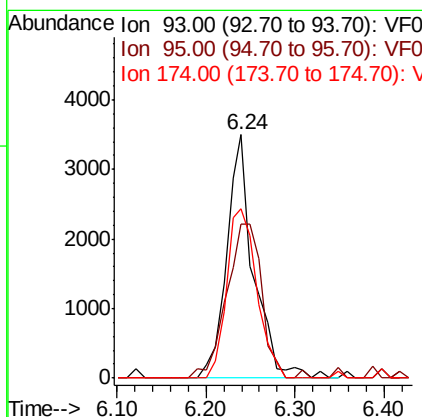
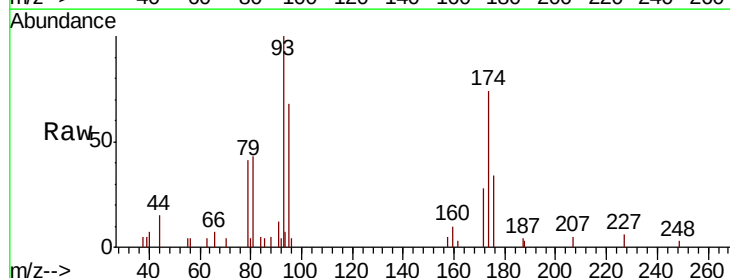
Manual Integrations
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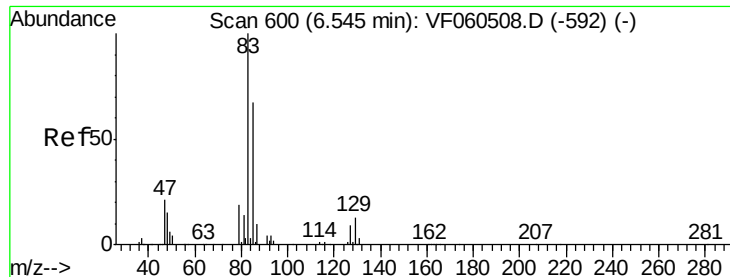
apatel
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#46
 Dibromomethane
 Concen: 6.395 ug/l
 RT: 6.24 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	63.4	63.8	95.8#
174	69.8	64.9	97.3





#47

Bromodichloromethane

Concen: 7.126 ug/l

RT: 6.54 min Scan# 599

Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

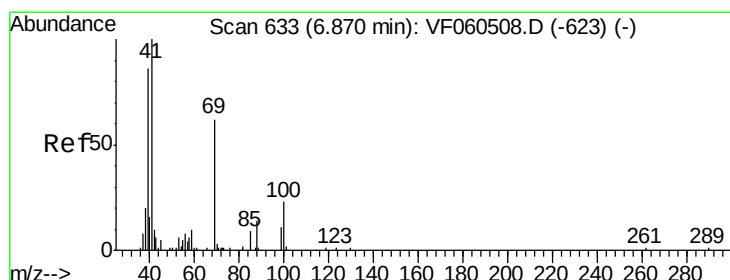
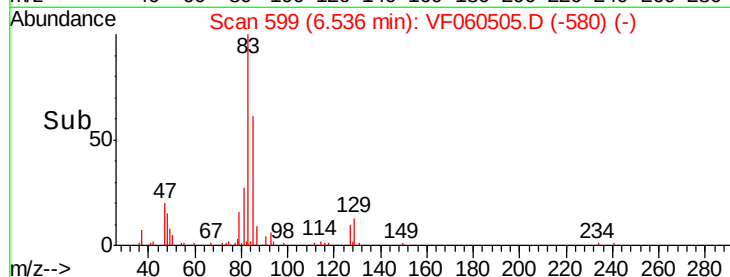
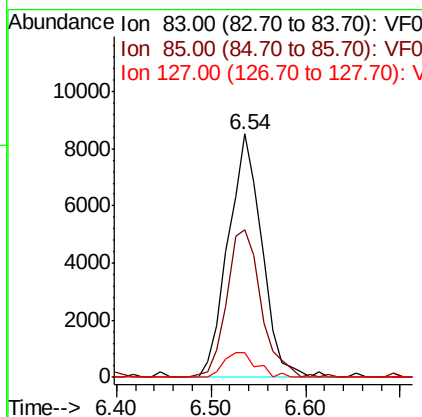
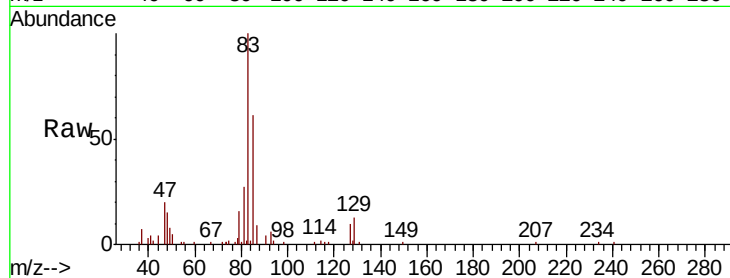
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	20979
Ion	Ratio	Lower	Upper
83	100		
85	60.7	53.4	80.0
127	10.1	6.9	10.3

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#48

Methyl methacrylate

Concen: 5.519 ug/l

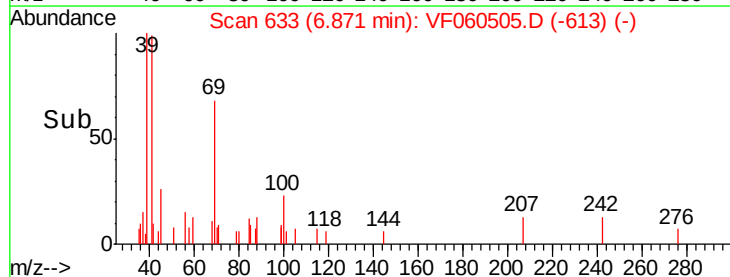
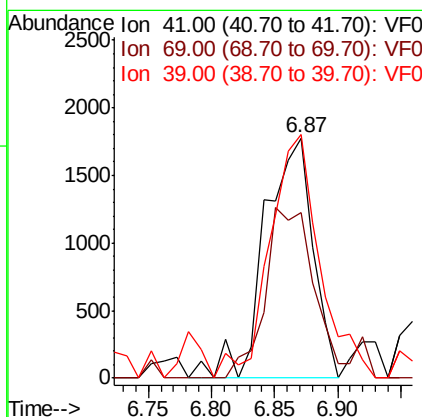
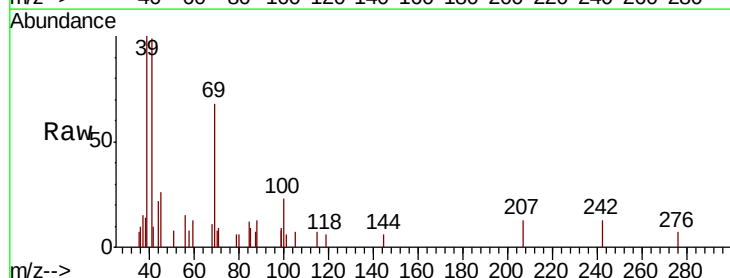
RT: 6.87 min Scan# 633

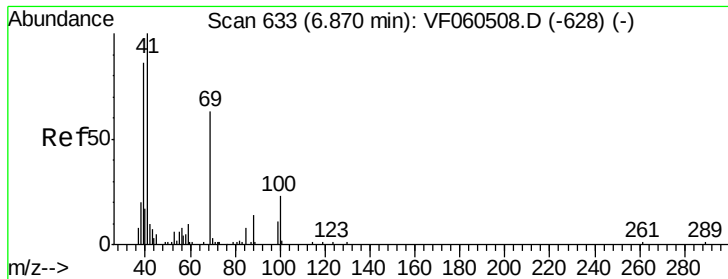
Delta R.T. 0.00 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Tgt Ion:	41	Resp:	4759
Ion	Ratio	Lower	Upper
41	100		
69	69.1	49.6	74.4
39	101.5	69.4	104.2





#49

1,4-Dioxane

Concen: 117.369 ug/l

RT: 6.85 min Scan# 631

Delta R.T. -0.02 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

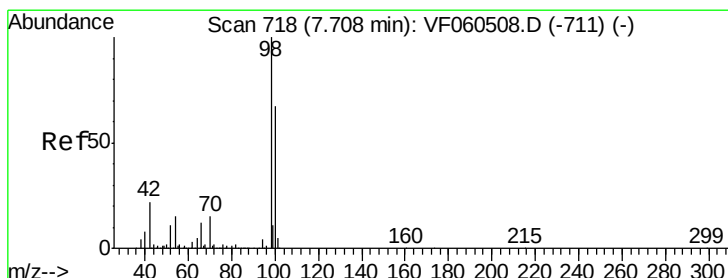
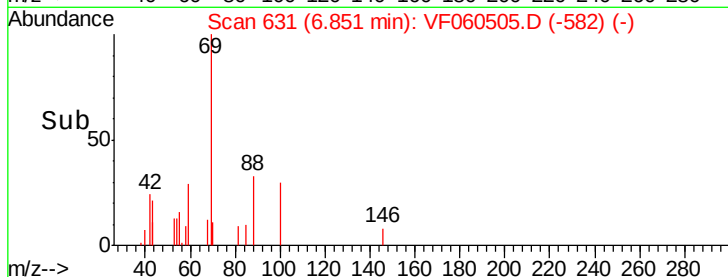
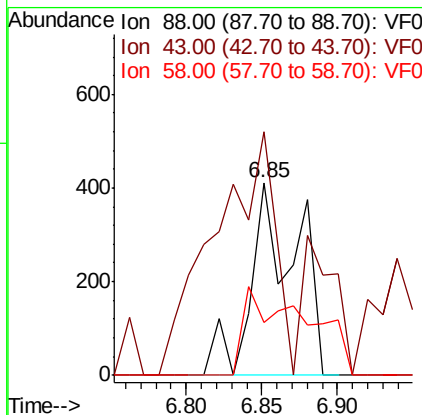
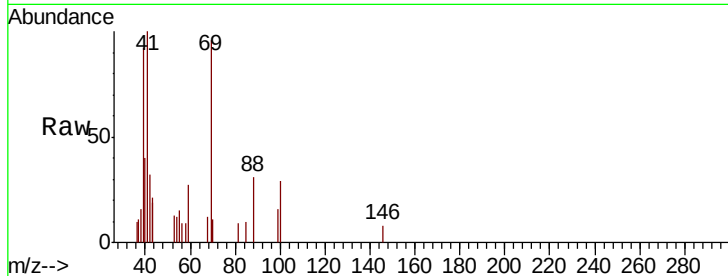
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	870
Ion	Ratio	Lower	Upper
88	100		
43	126.2	39.3	58.9#
58	27.4	35.0	52.6#

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#50

Toluene-d8

Concen: 5.458 ug/l

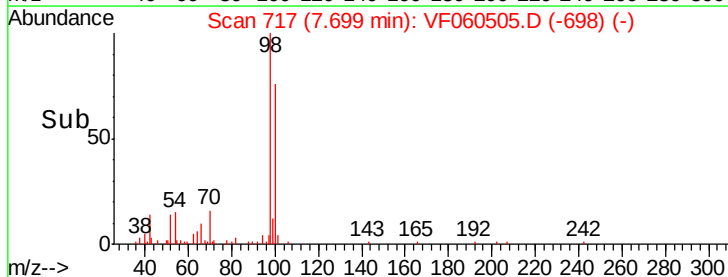
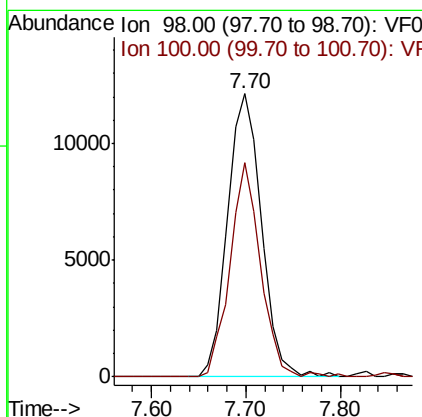
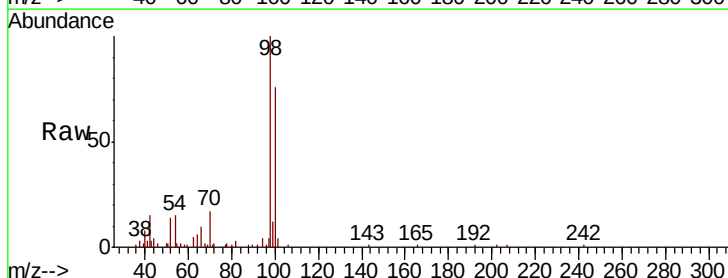
RT: 7.70 min Scan# 717

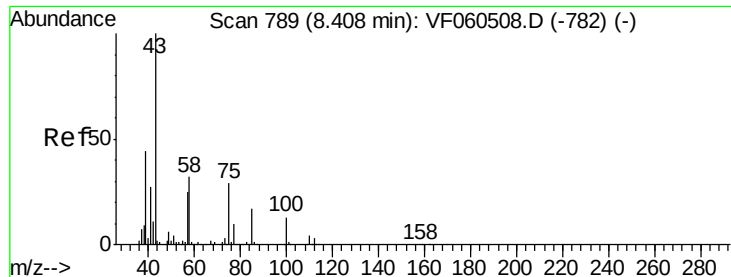
Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Tgt Ion:	98	Resp:	30016
Ion	Ratio	Lower	Upper
98	100		
100	75.5	53.4	80.0





#51

4-Methyl-2-Pentanone

Concen: 29.853 ug/l

RT: 8.40 min Scan# 788

Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 26507

Ion Ratio Lower Upper

43 100

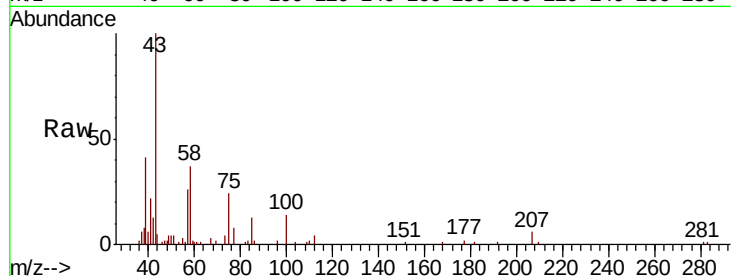
58 37.3 25.4 38.2

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

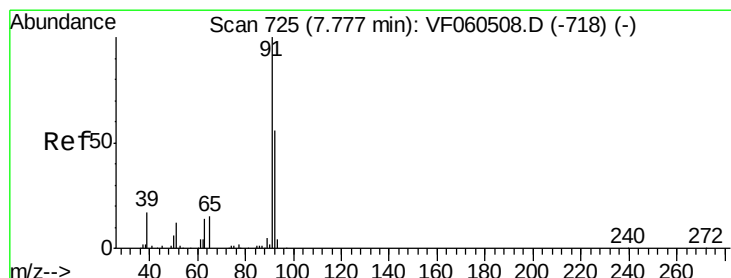
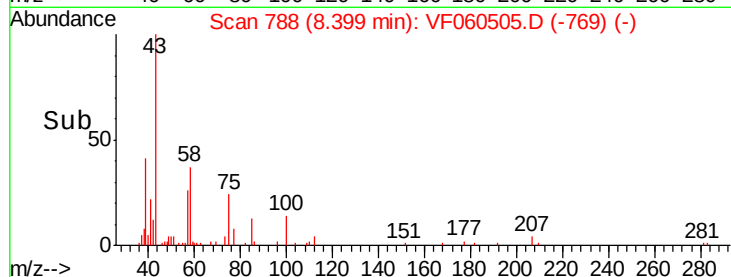
8.40

10000

5000

0

Time--> 8.30 8.35 8.40 8.45 8.50



#52

Toluene

Concen: 5.890 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF060505.D

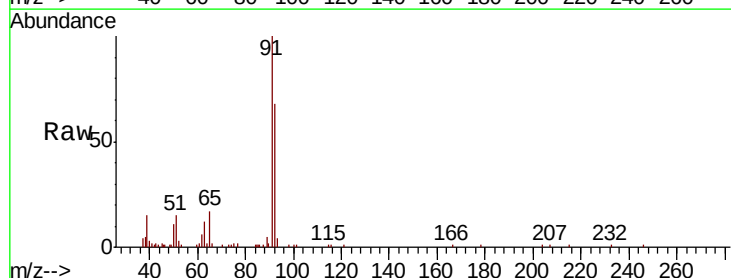
Acq: 25 Oct 2018 13:39

Tgt Ion: 92 Resp: 22022

Ion Ratio Lower Upper

92 100

91 147.6 143.8 215.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.77

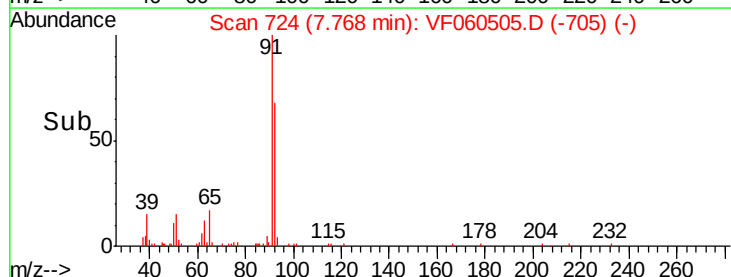
15000

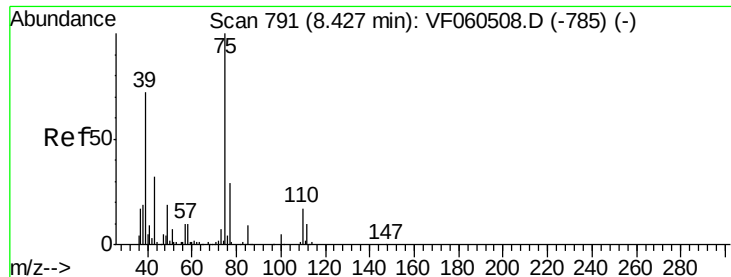
10000

5000

0

Time--> 7.60 7.70 7.80 7.90





#53

t-1,3-Dichloropropene

Concen: 7.157 ug/l

RT: 8.42 min Scan# 790

Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 16364

Ion Ratio Lower Upper

75 100

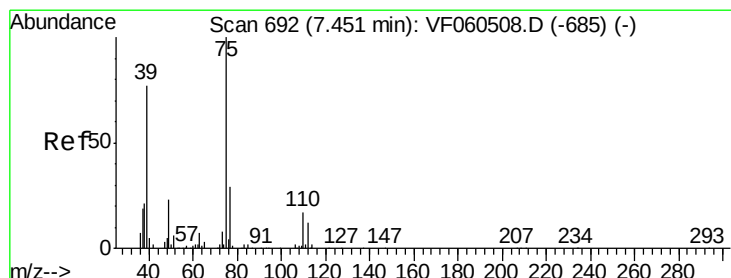
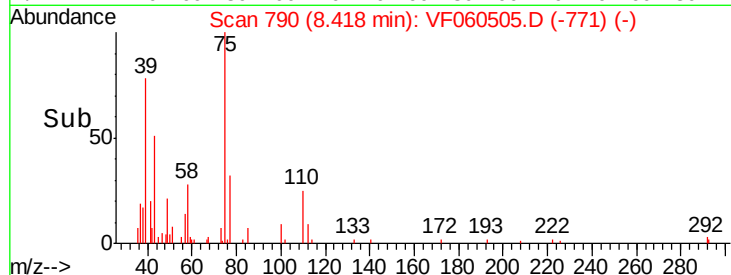
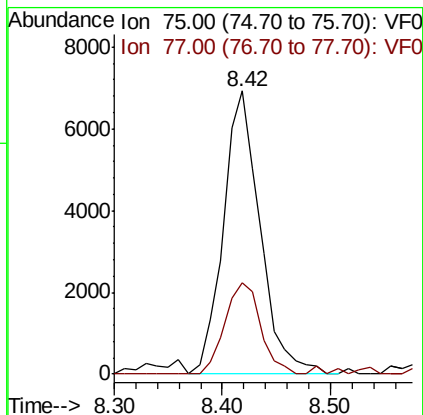
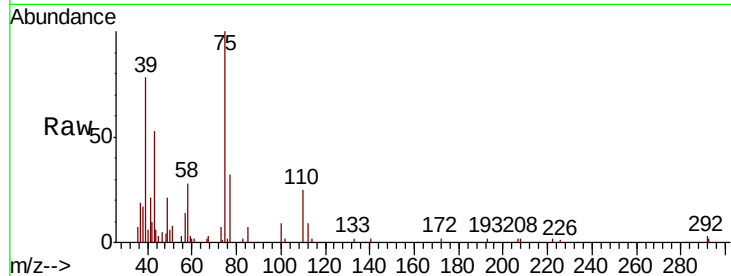
77 32.3 23.7 35.5

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#54

cis-1,3-Dichloropropene

Concen: 5.720 ug/l

RT: 7.44 min Scan# 691

Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

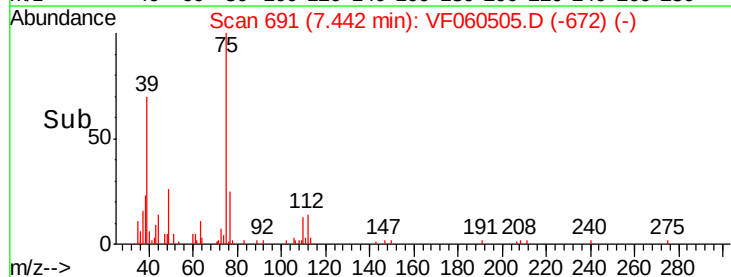
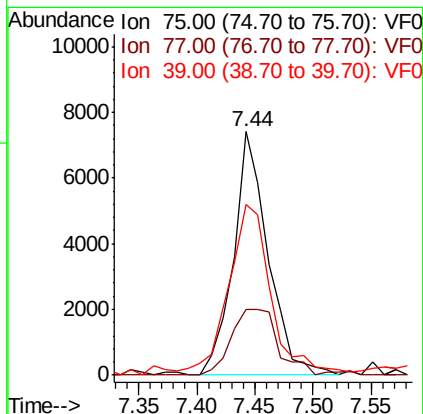
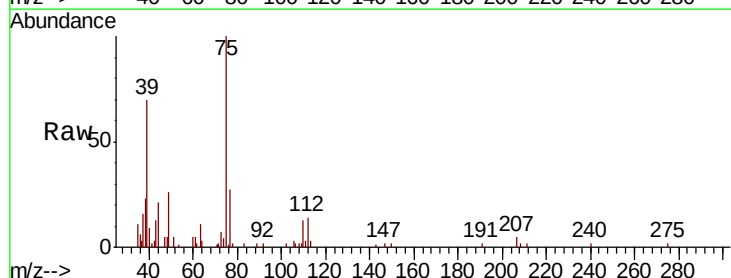
Tgt Ion: 75 Resp: 15233

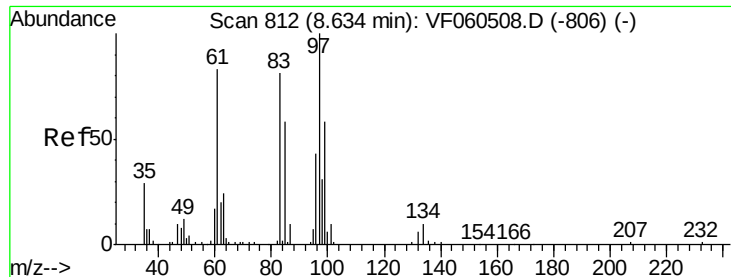
Ion Ratio Lower Upper

75 100

77 26.9 23.6 35.4

39 70.2 61.6 92.4





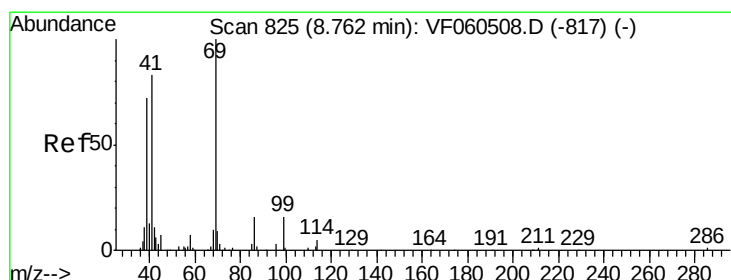
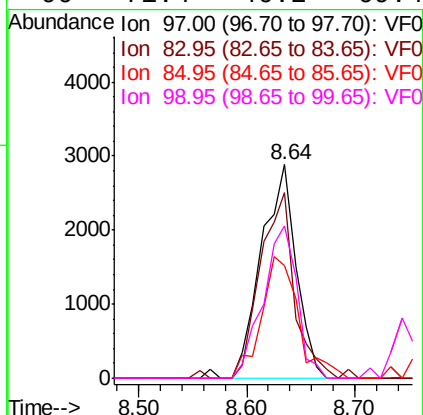
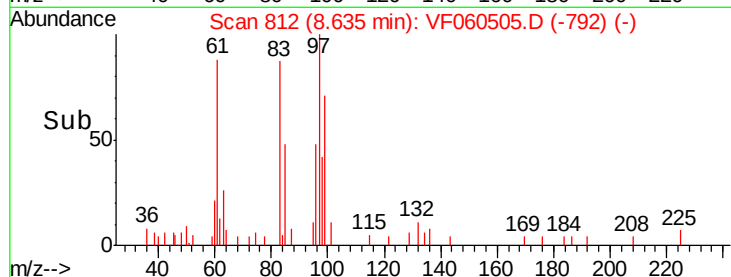
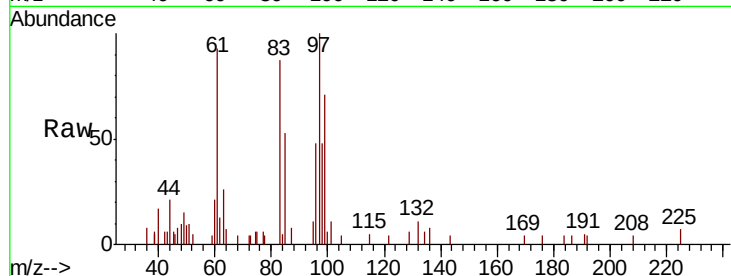
#55
1,1,2-Trichloroethane
Concen: 5.650 ug/l
RT: 8.64 min Scan# 812
Delta R.T. 0.00 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion:	97	Resp:	6492
Ion	Ratio	Lower	Upper
97	100		
83	86.7	65.0	97.4
85	52.8	47.0	70.6
99	71.4	46.2	69.4#

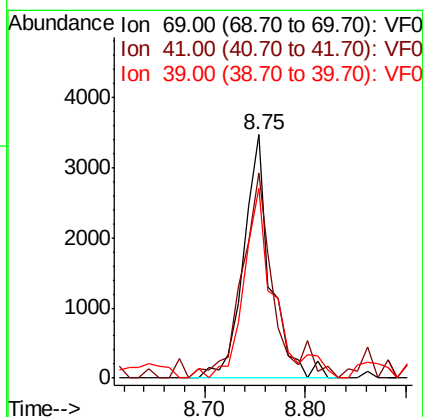
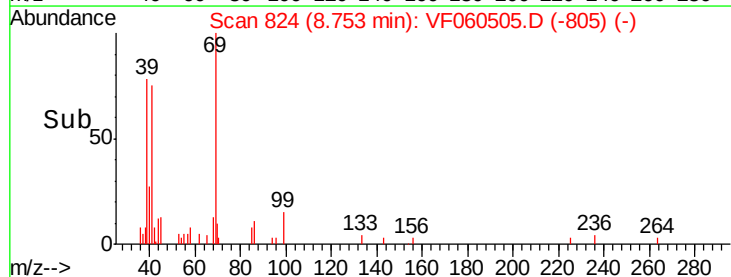
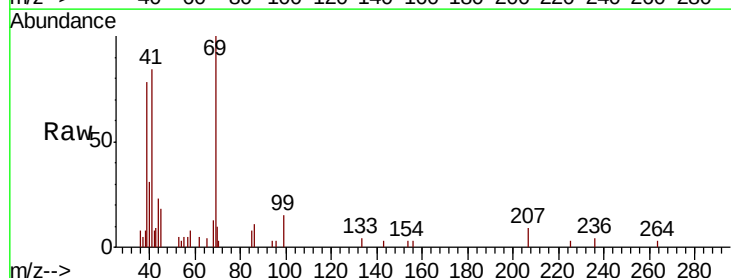
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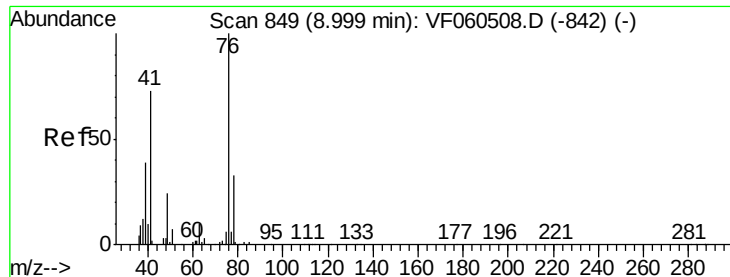
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#56
Ethyl methacrylate
Concen: 4.815 ug/l
RT: 8.75 min Scan# 824
Delta R.T. -0.01 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion:	69	Resp:	6401
Ion	Ratio	Lower	Upper
69	100		
41	84.2	67.2	100.8
39	78.1	58.4	87.6





#57

1,3-Dichloropropane

Concen: 5.467 ug/l

RT: 8.99 min Scan# 848

Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 10817

Ion Ratio Lower Upper

76 100

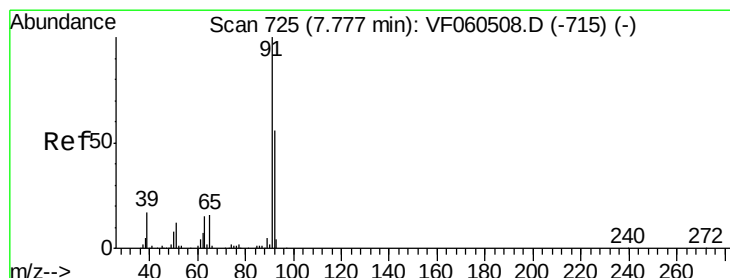
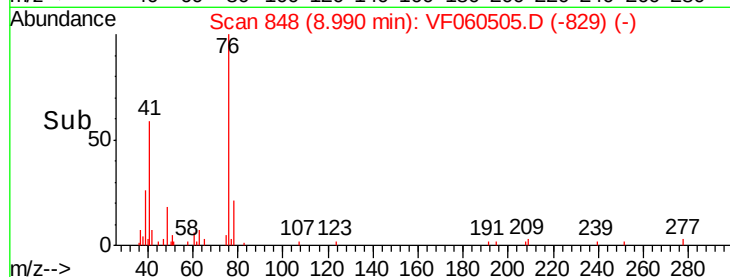
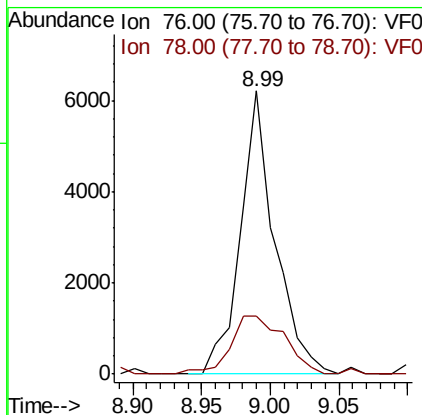
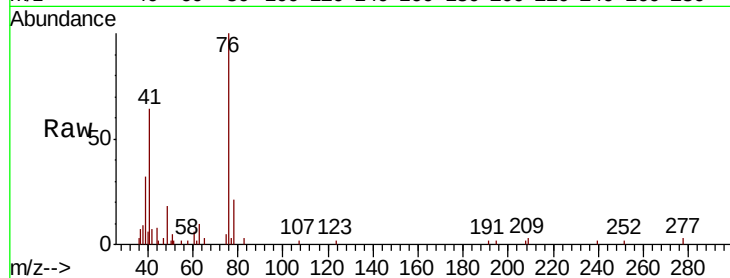
78 20.5 26.6 40.0#

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#58

2-Chloroethyl Vinyl ether

Concen: 38.122 ug/l

RT: 7.77 min Scan# 724

Delta R.T. -0.01 min

Lab File: VF060505.D

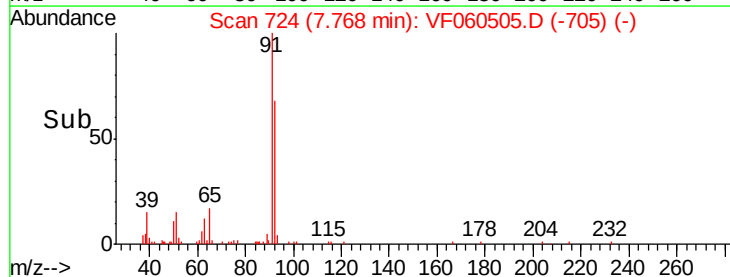
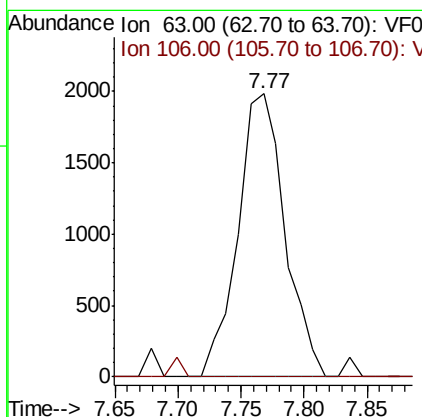
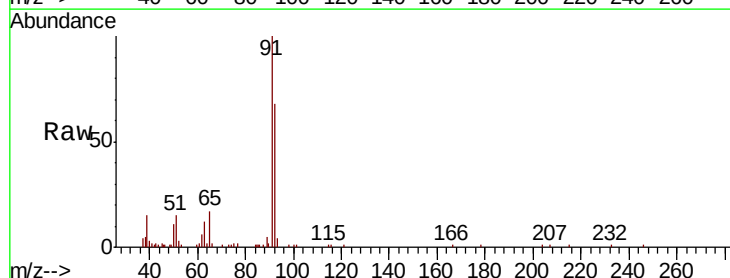
Acq: 25 Oct 2018 13:39

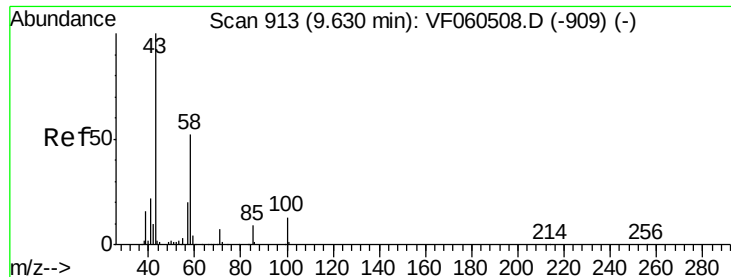
Tgt Ion: 63 Resp: 5150

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





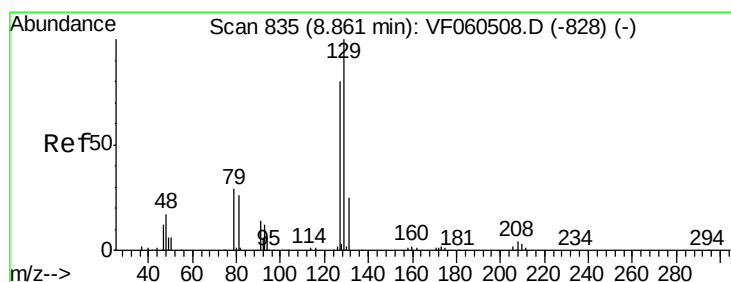
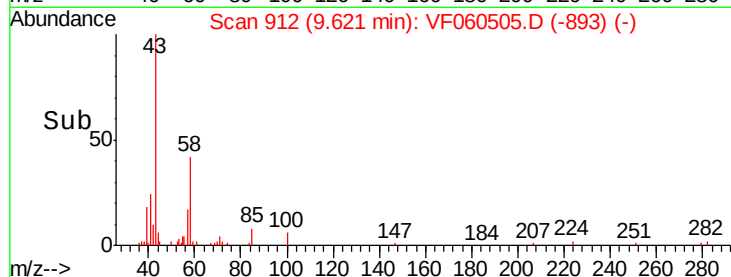
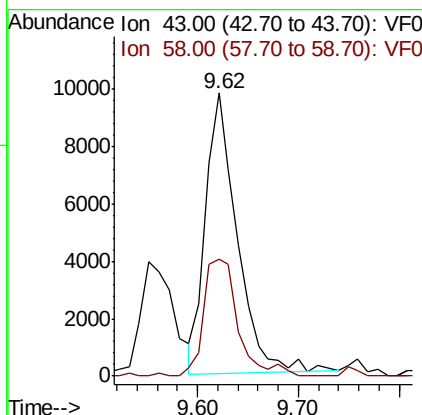
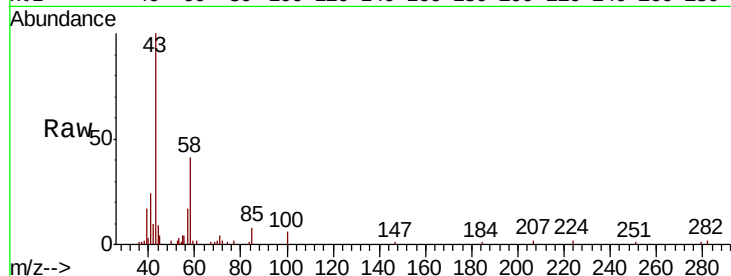
#59
2-Hexanone
Concen: 32.971 ug/l
RT: 9.62 min Scan# 912
Delta R.T. -0.01 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.5	23.5	70.5

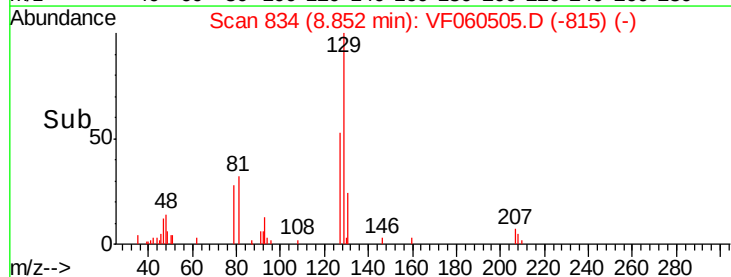
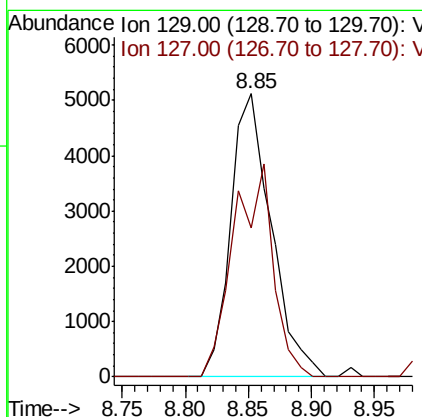
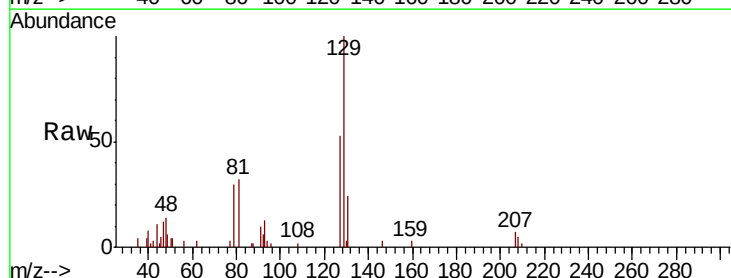
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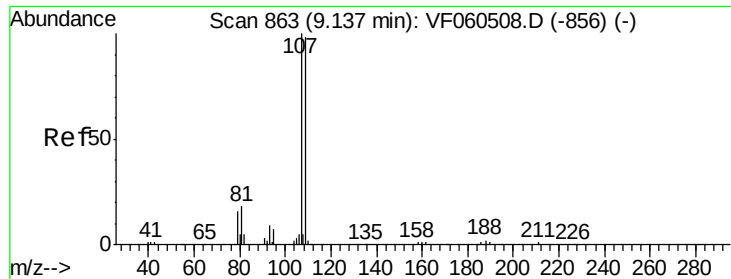
apatel
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#60
Dibromochloromethane
Concen: 6.298 ug/l
RT: 8.85 min Scan# 834
Delta R.T. -0.01 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
129	100		
127	52.6	40.2	120.5





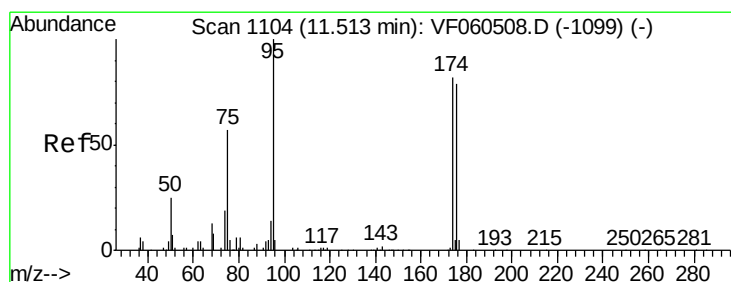
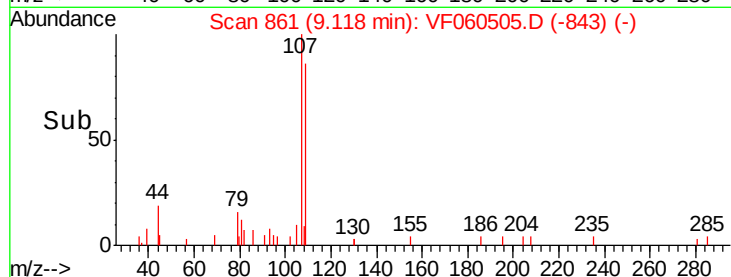
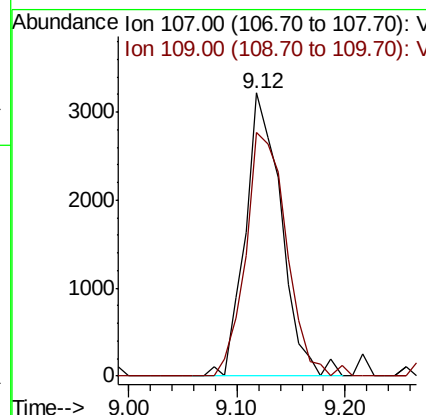
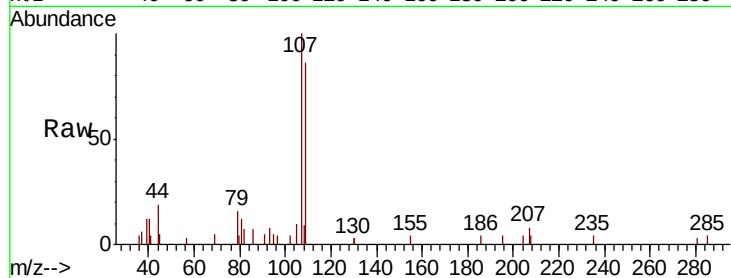
#61
 1,2-Dibromoethane
 Concen: 5.758 ug/l
 RT: 9.12 min Scan# 861
 Delta R.T. -0.02 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	85.9	78.6	118.0

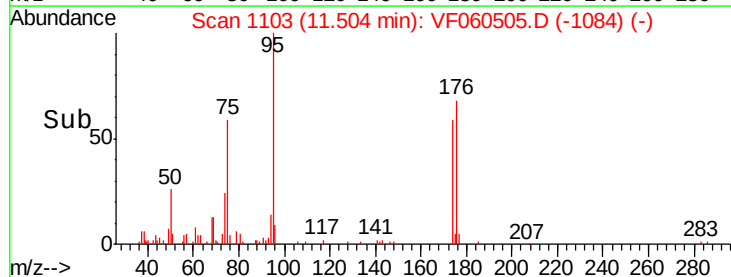
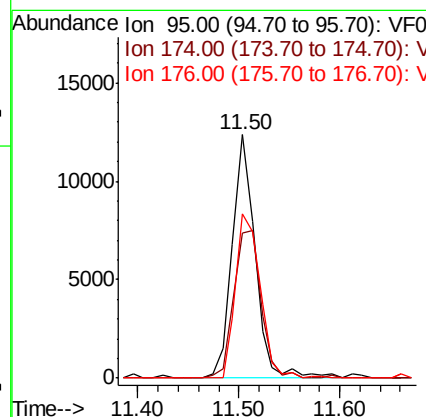
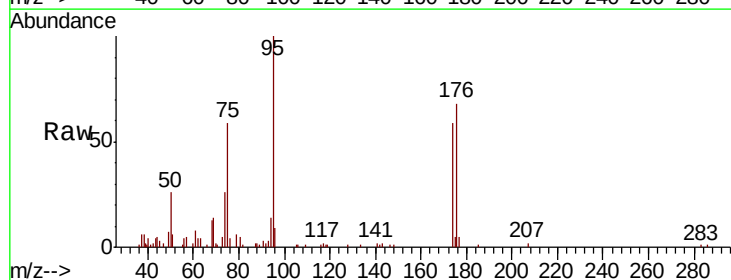
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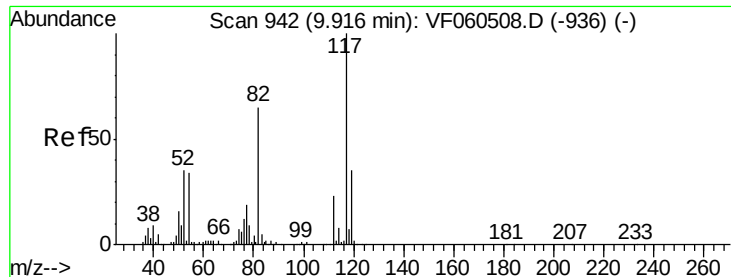
apatel
 10/26/2018 10:27:34 AM



#62
 4-Bromofluorobenzene
 Concen: 8.136 ug/l
 RT: 11.50 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	59.5	0.0	164.2
176	67.7	0.0	158.4





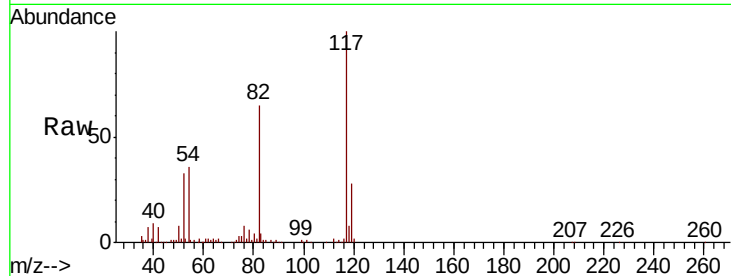
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
117	100		
82	65.3	51.7	77.5
119	28.3	28.3	42.5#

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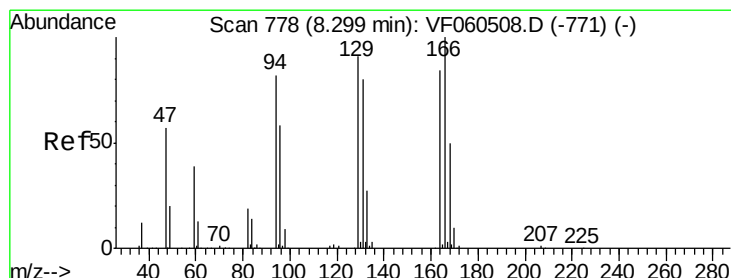
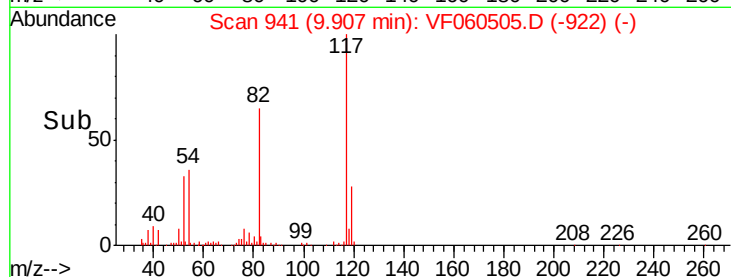
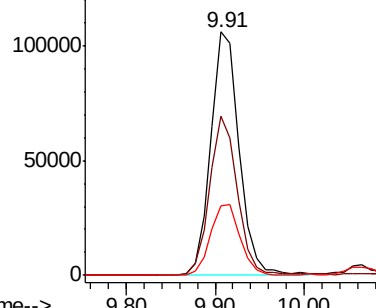


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V



#64
Tetrachloroethene
Concen: 6.169 ug/l
RT: 8.29 min Scan# 777
Delta R.T. -0.01 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.5	95.1	142.7
129	104.9	86.3	129.5
131	99.5	76.5	114.7

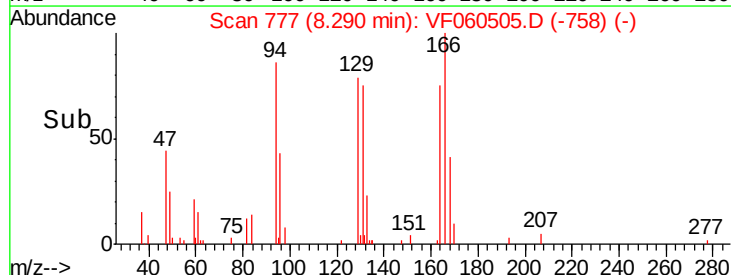
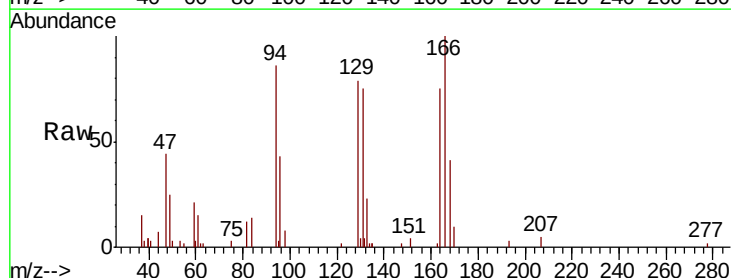
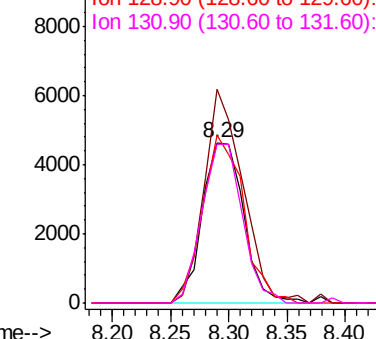
Abundance

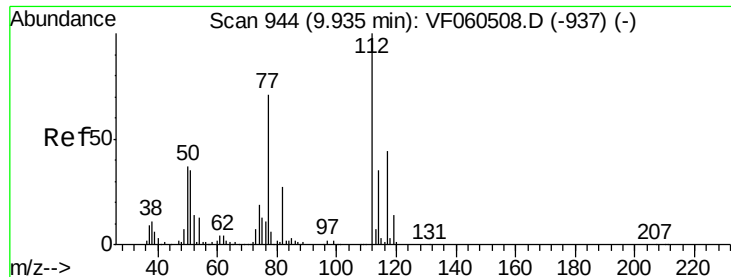
Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V





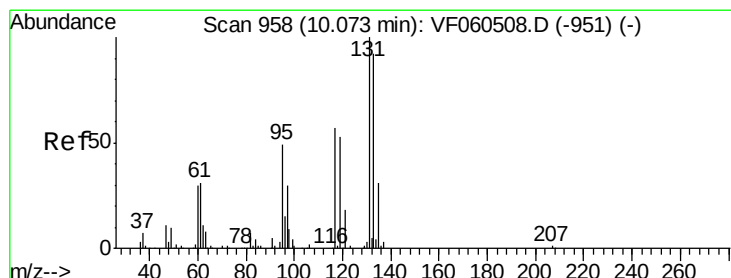
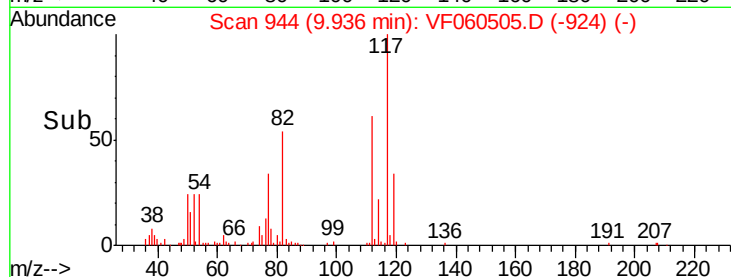
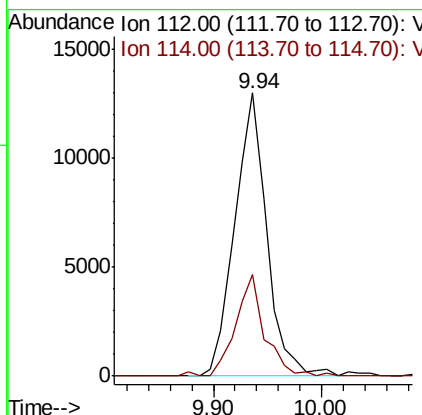
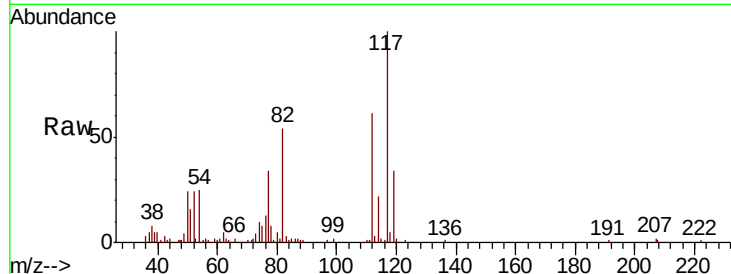
#65
Chlorobenzene
Concen: 5.878 ug/l
RT: 9.94 min Scan# 944
Delta R.T. 0.00 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	35.8	27.7	41.5

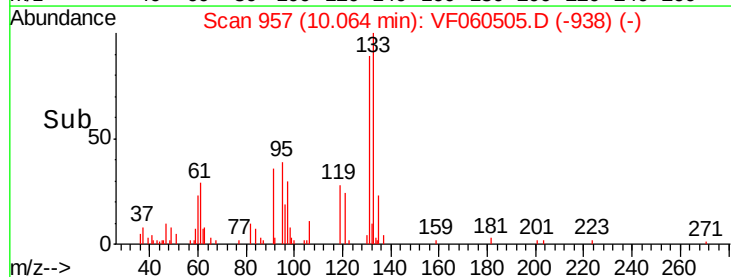
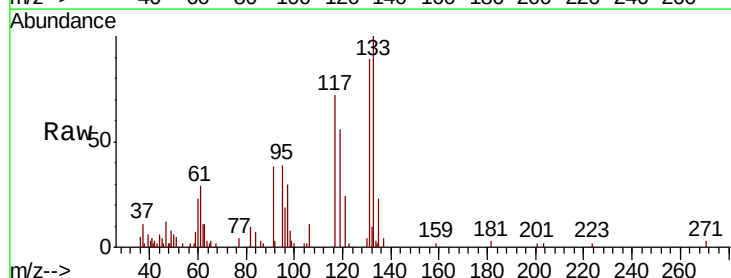
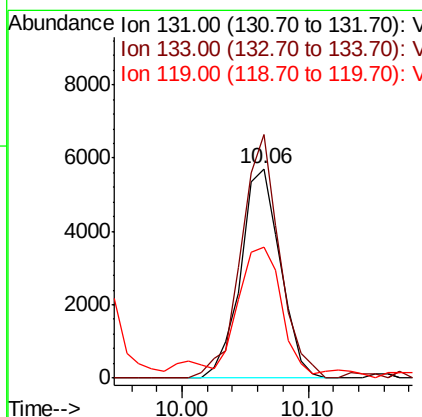
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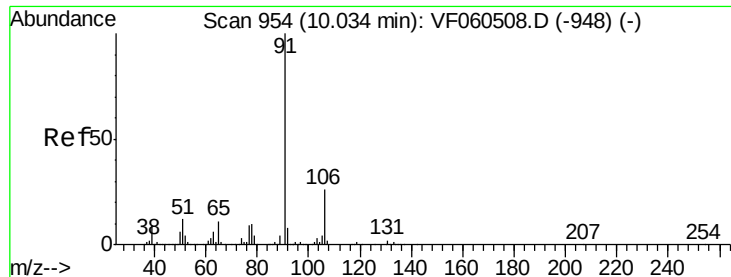
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#66
1,1,1,2-Tetrachloroethane
Concen: 6.067 ug/l
RT: 10.06 min Scan# 957
Delta R.T. -0.01 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	116.3	46.1	138.2
119	62.8	27.0	80.8





#67

Ethyl Benzene

Concen: 6.499 ug/l

RT: 10.03 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 55831

Ion Ratio Lower Upper

91 100

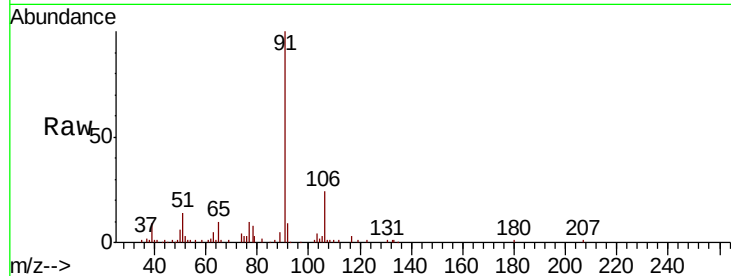
106 24.4 20.7 31.1

Manual Integrations

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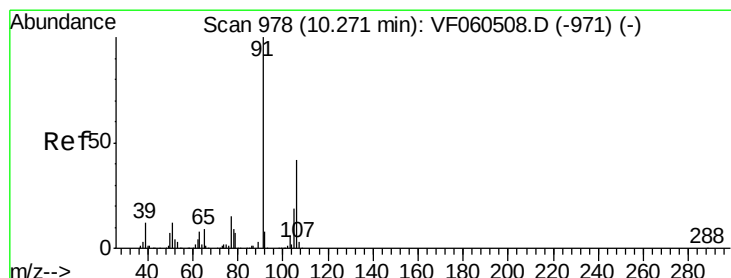
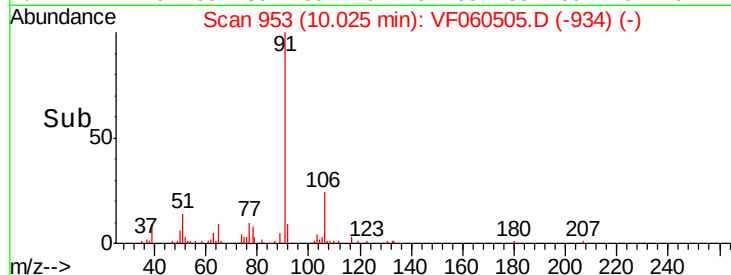
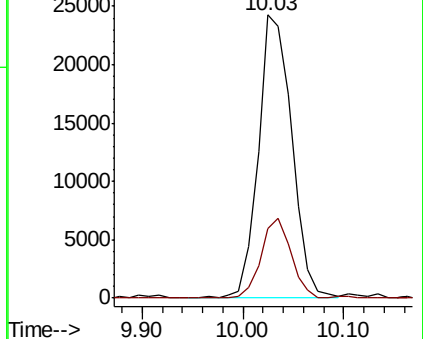
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 11.300 ug/l

RT: 10.26 min Scan# 977

Delta R.T. -0.01 min

Lab File: VF060505.D

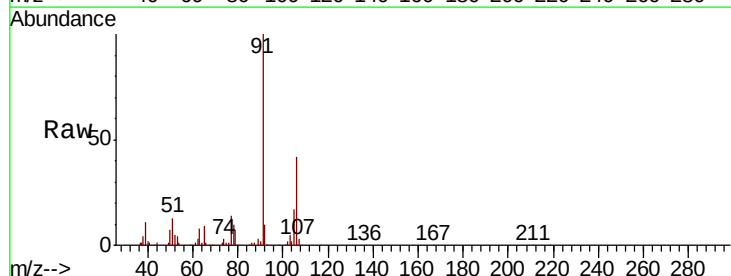
Acq: 25 Oct 2018 13:39

Tgt Ion: 106 Resp: 33138

Ion Ratio Lower Upper

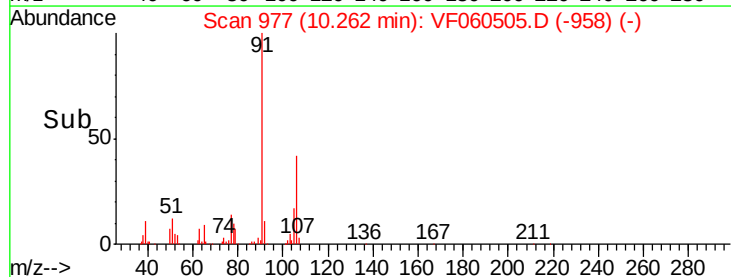
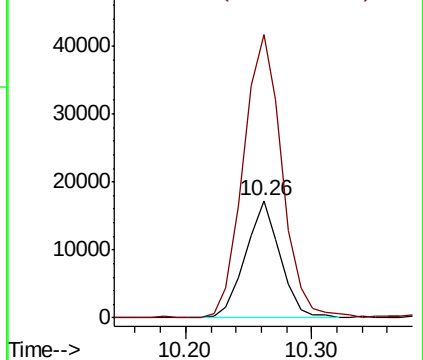
106 100

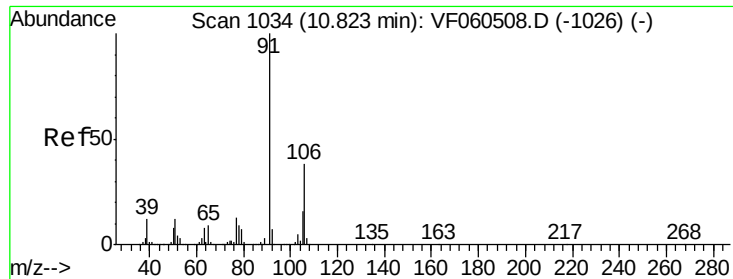
91 240.7 192.5 288.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0





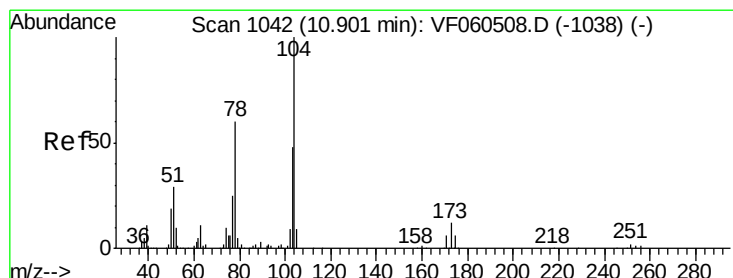
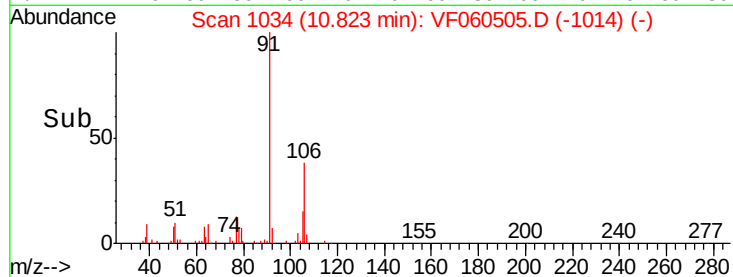
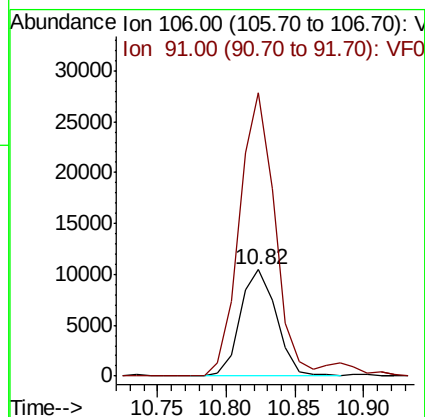
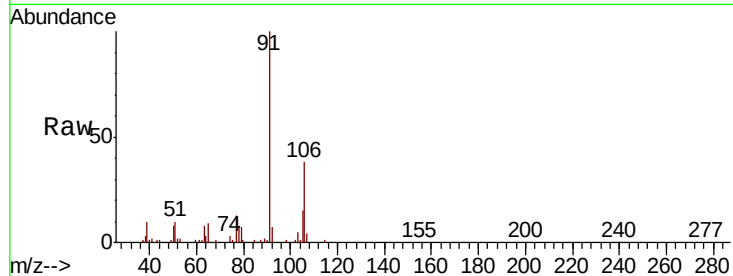
#69
o-Xylene
Concen: 6.016 ug/l
RT: 10.82 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 19187
Ion Ratio Lower Upper
106 100
91 266.4 130.9 392.7

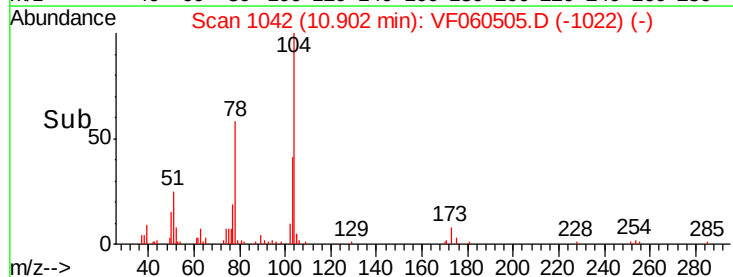
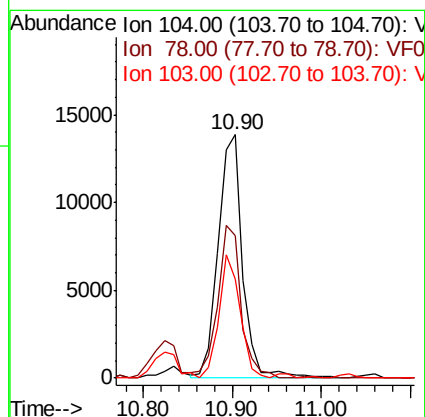
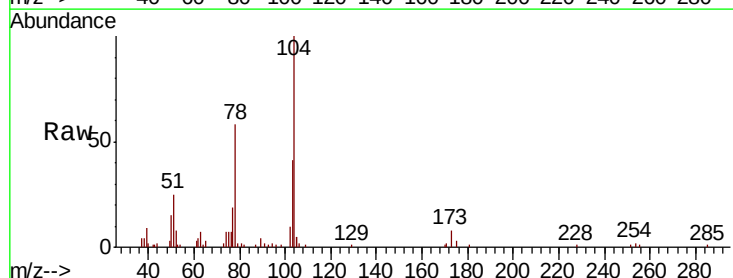
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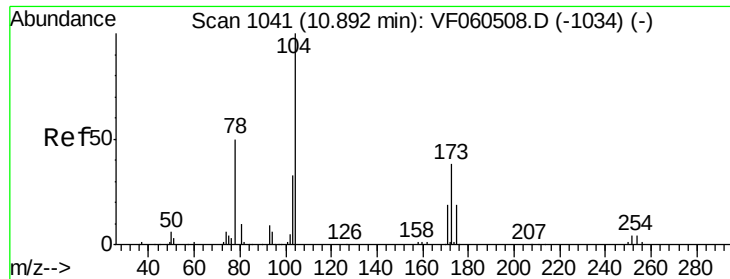
apatel
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#70
Styrene
Concen: 5.828 ug/l
RT: 10.90 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion:104 Resp: 26753
Ion Ratio Lower Upper
104 100
78 58.3 48.7 73.1
103 40.8 38.8 58.2





#71

Bromoform

Concen: 6.900 ug/l

RT: 10.88 min Scan# 1040

Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

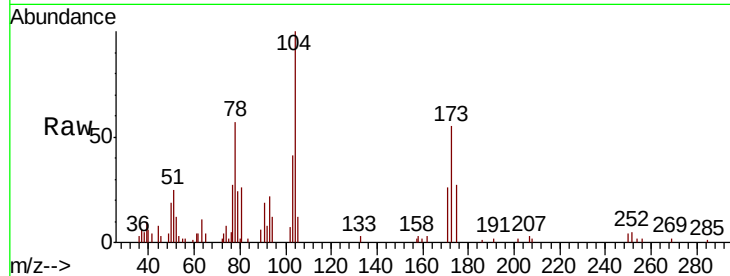
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	25.5	76.5
254	4.2	0.0	0.0

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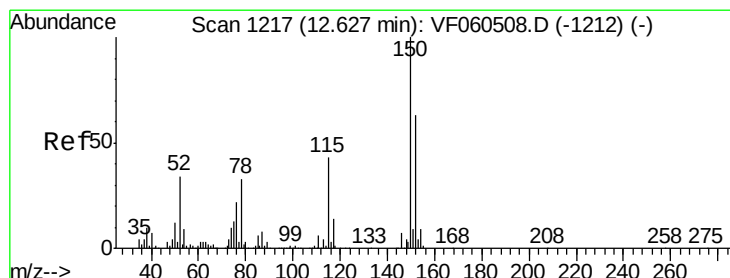
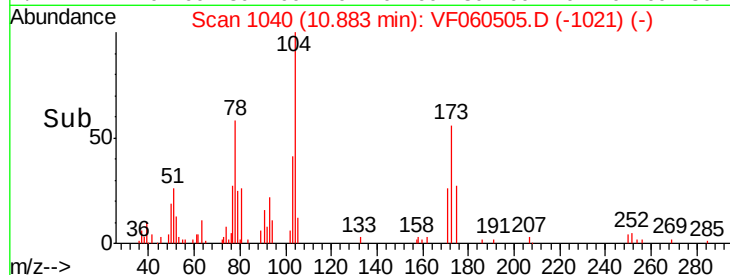
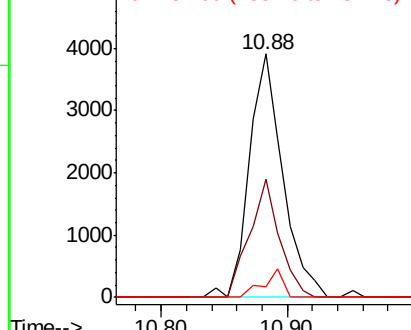


Abundance

Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

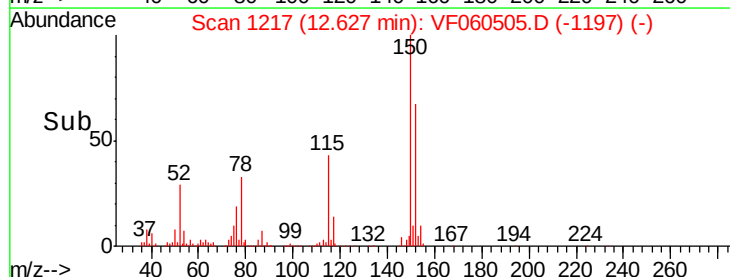
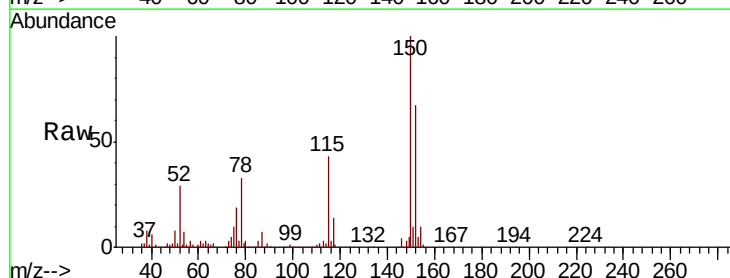
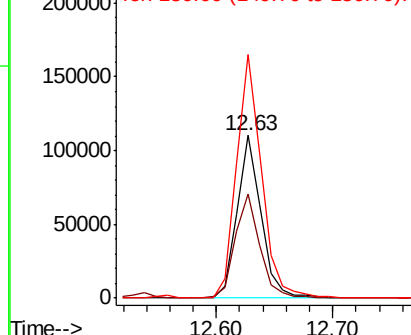
Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	34.6	103.9
150	149.7	0.0	319.8

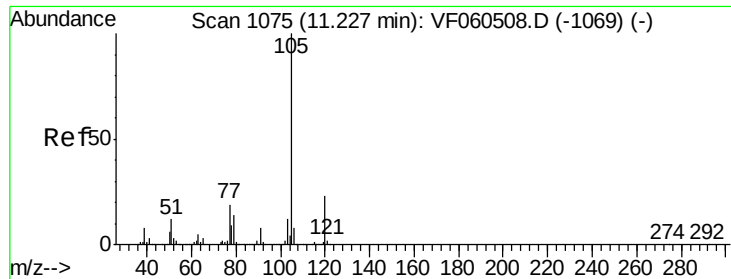
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 5.414 ug/l

RT: 11.23 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 63620

Ion Ratio Lower Upper

105 100

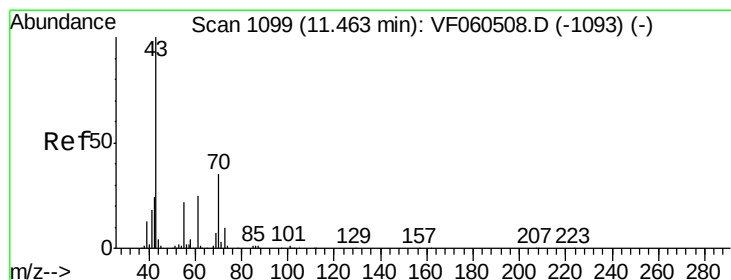
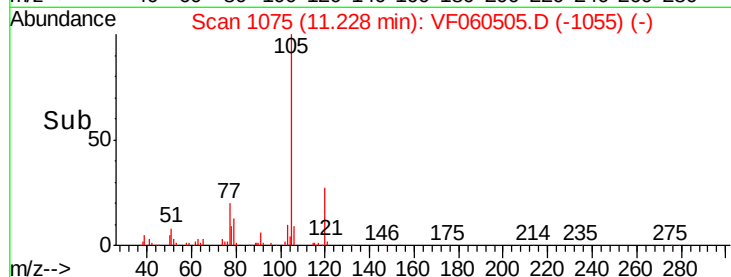
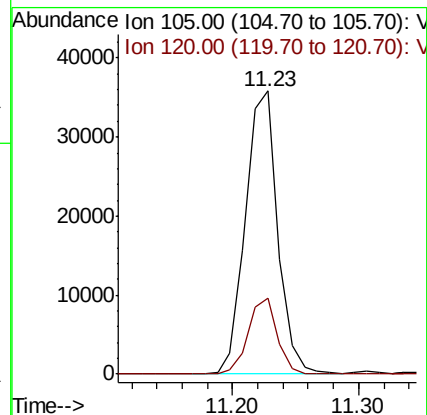
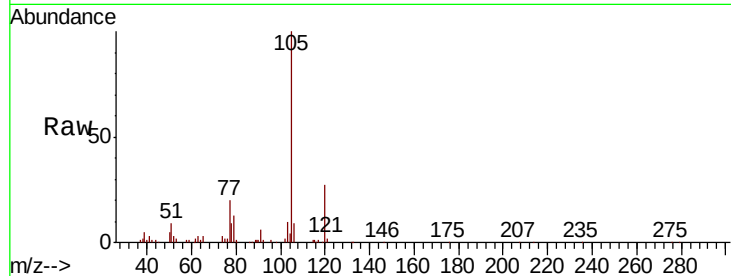
120 26.8 11.6 34.7

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#74

N-ethyl acetate

Concen: 4.839 ug/l

RT: 11.46 min Scan# 1099

Delta R.T. 0.00 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Tgt Ion: 43 Resp: 12376

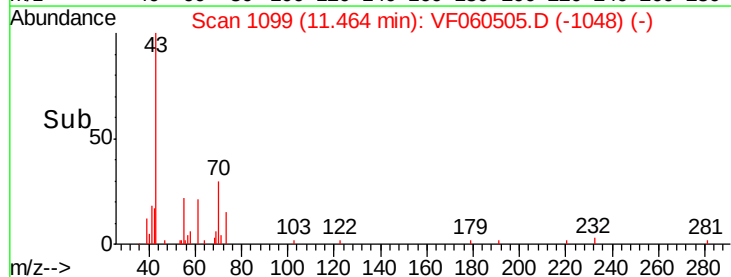
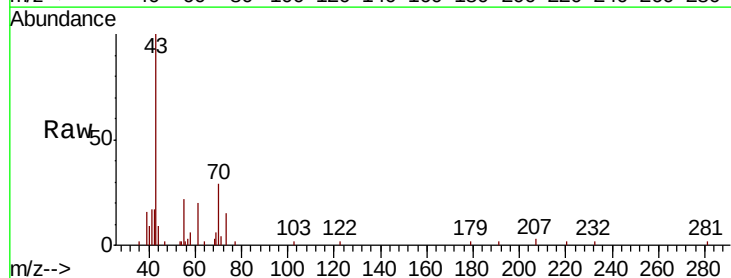
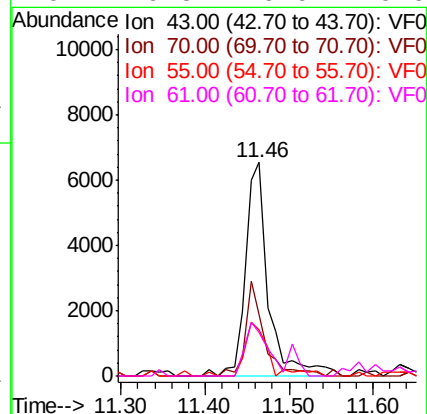
Ion Ratio Lower Upper

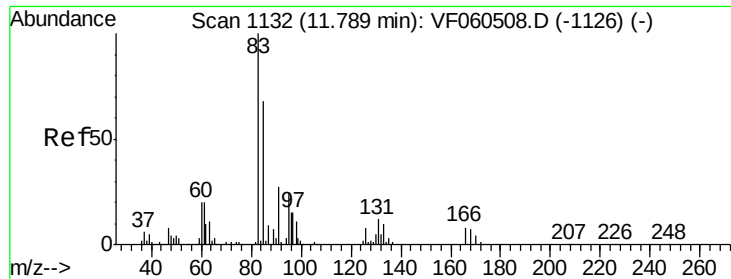
43 100

70 29.0 28.2 42.2

55 21.8 17.9 26.9

61 20.3 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 4.796 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

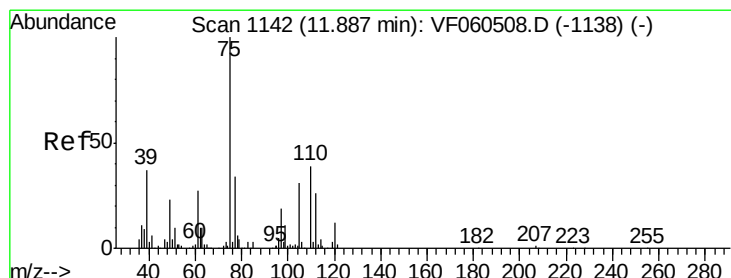
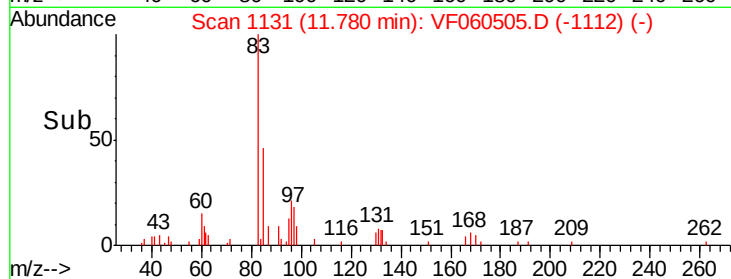
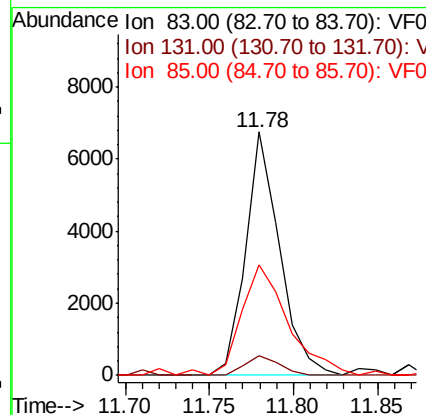
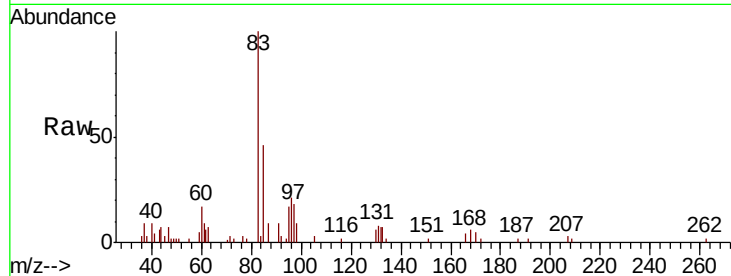
ClientSampleId :

VSTDIC005

Tot Ion	83	Resp	9473
Ion Ratio	100	Lower	Upper
83	100		
131	8.1	5.8	17.4
85	45.6	34.2	102.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.790 ug/l

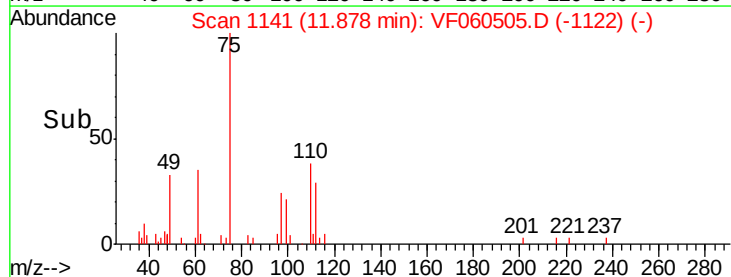
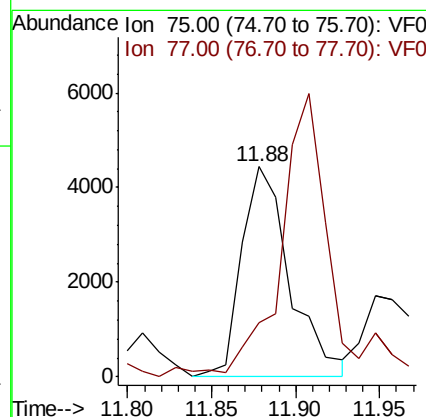
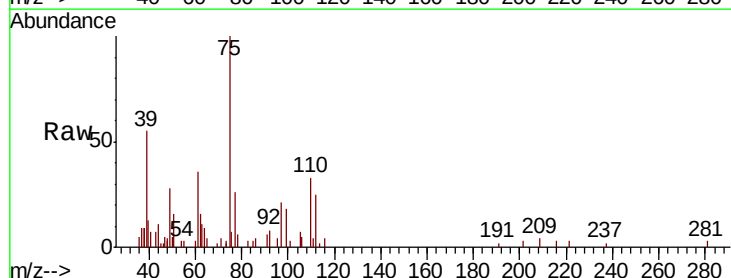
RT: 11.88 min Scan# 1141

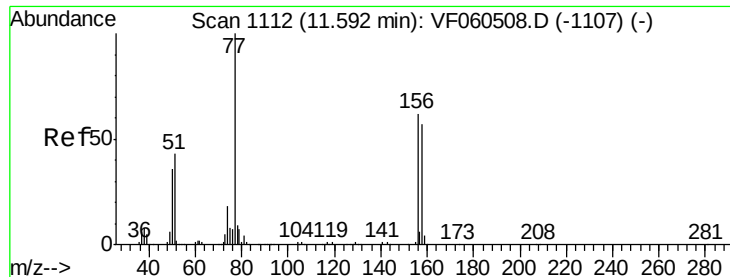
Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Tgt Ion	75	Resp	8841
Ion Ratio	100	Lower	Upper
75	100		
77	25.6	17.2	51.5





#77

Bromobenzene

Concen: 5.044 ug/l

RT: 11.59 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

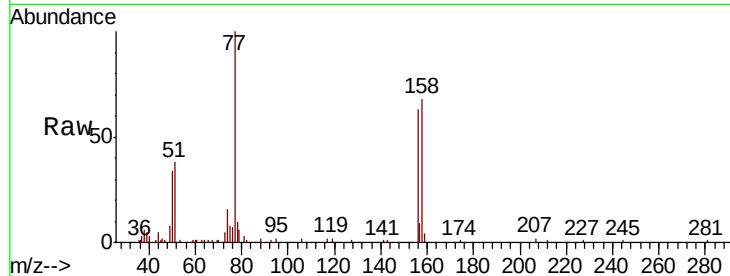
ClientSampleId :

VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	157.8	80.1	240.3		
158	108.0	45.9	137.6		

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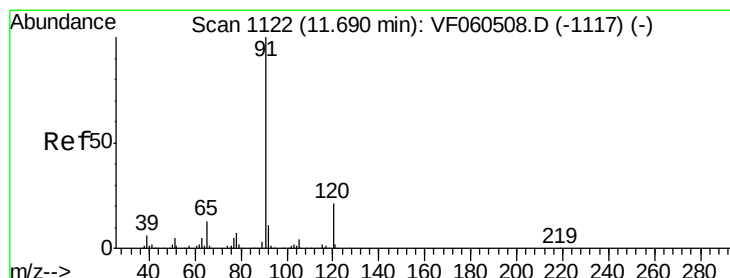
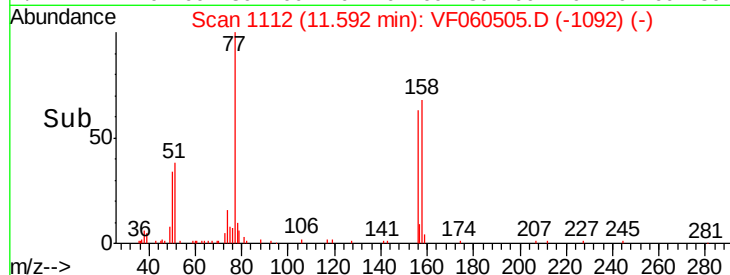
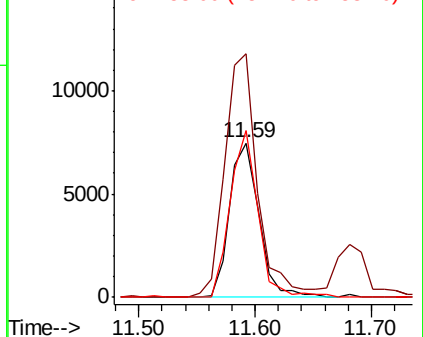


Abundance

Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 5.603 ug/l

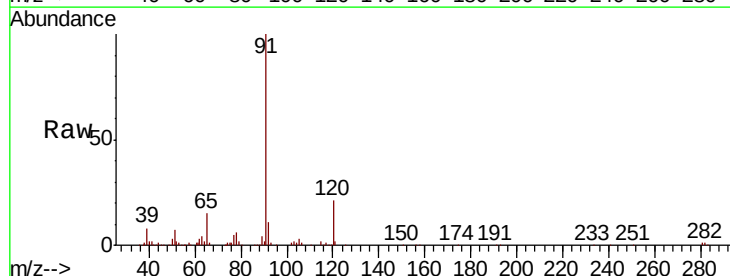
RT: 11.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

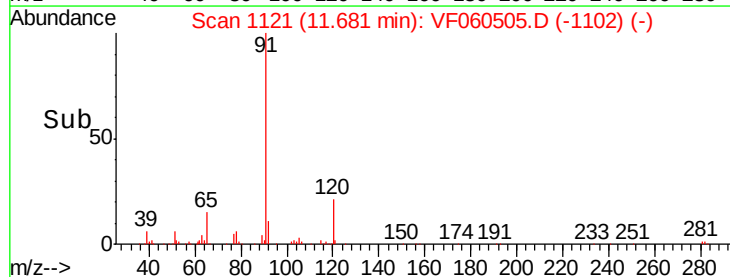
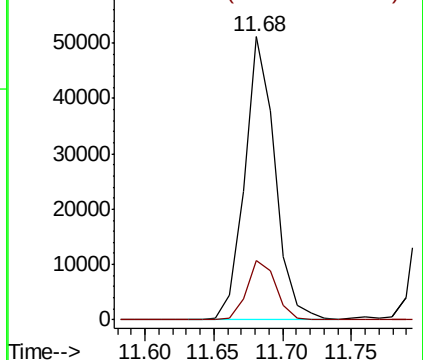
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	20.8	10.3	30.9		

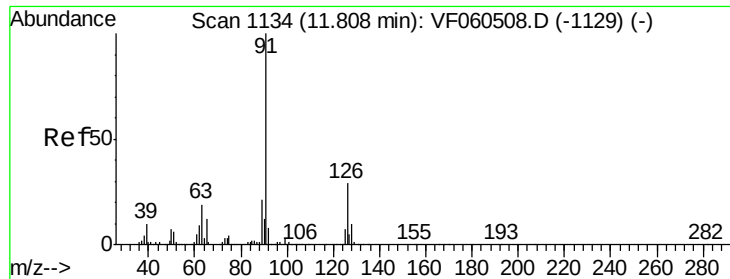


Abundance

Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





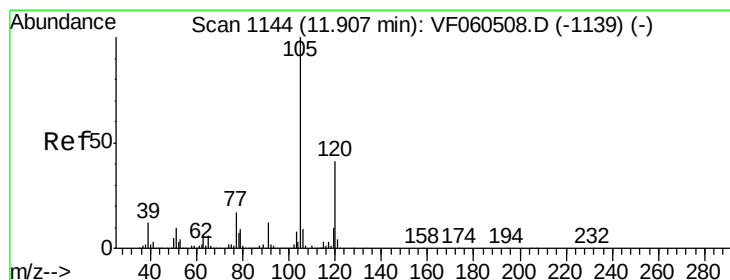
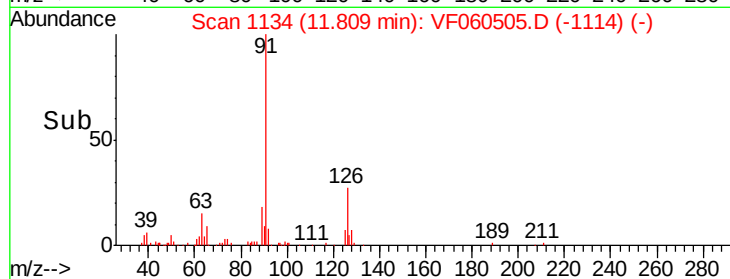
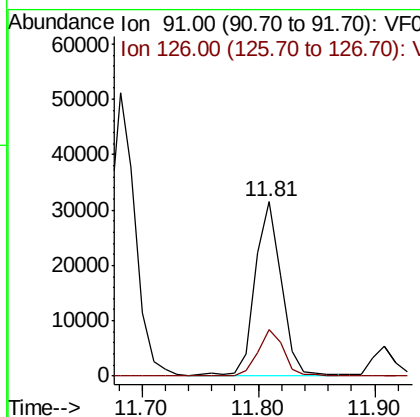
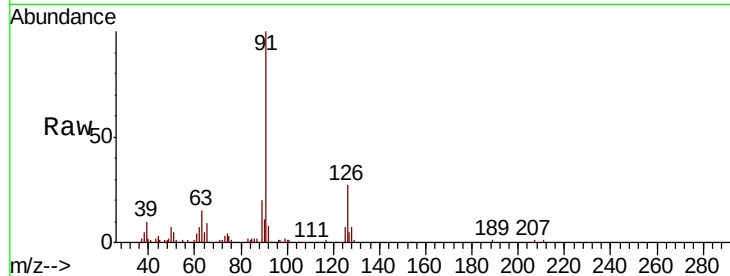
#79
 2-Chlorotoluene
 Concen: 5.925 ug/l
 RT: 11.81 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 48548
 Ion Ratio Lower Upper
 91 100
 126 26.7 14.4 43.2

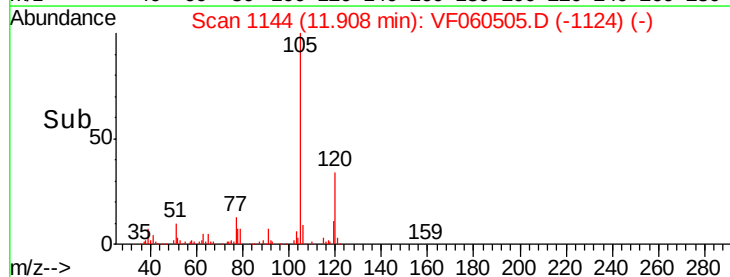
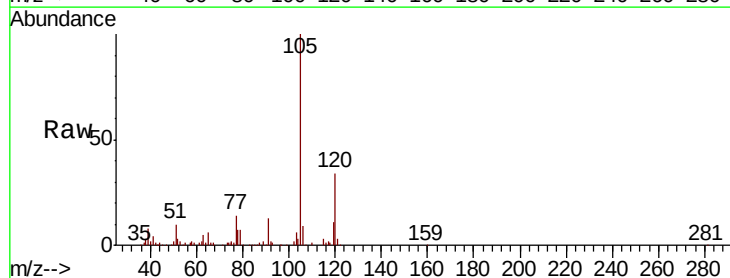
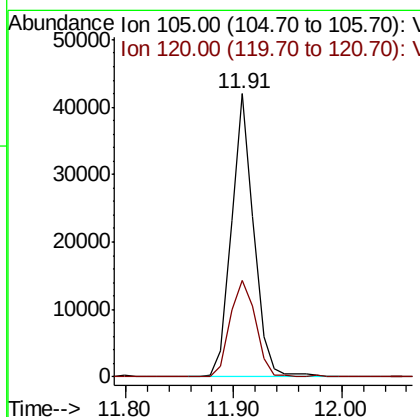
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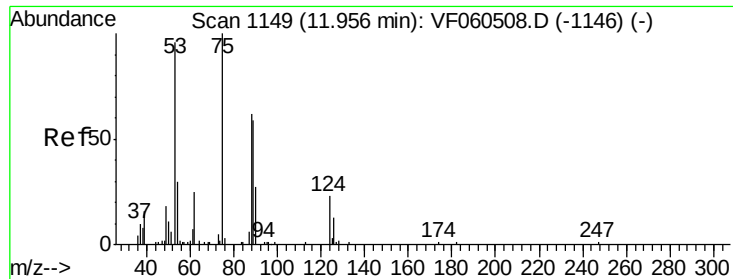
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#80
 1,3,5-Trimethylbenzene
 Concen: 6.120 ug/l
 RT: 11.91 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Tgt Ion: 105 Resp: 60333
 Ion Ratio Lower Upper
 105 100
 120 34.2 20.6 61.9





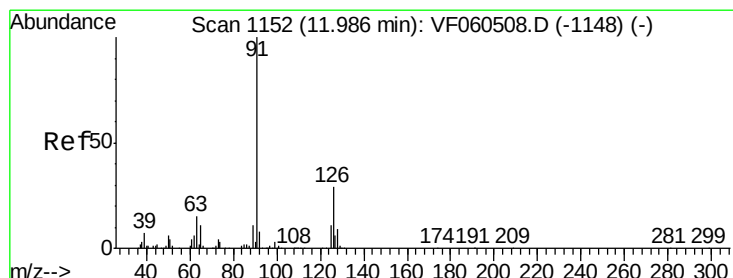
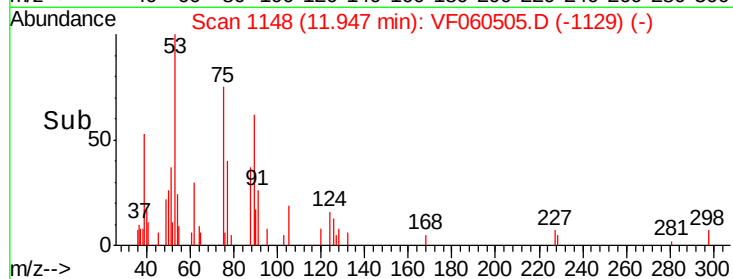
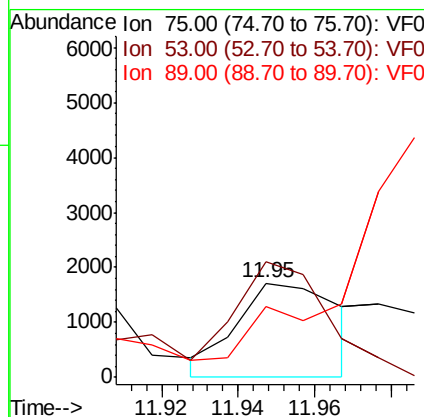
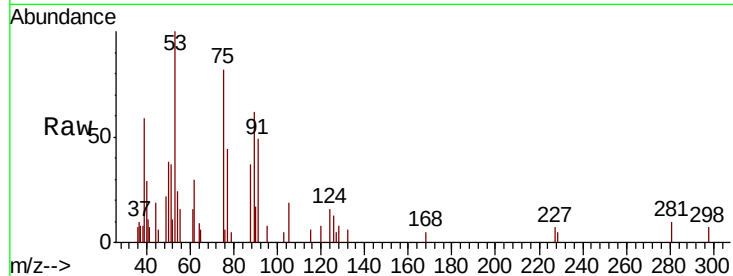
#81
trans-1,4-Dichloro-2-butene
Concen: 4.756 ug/l m
RT: 11.95 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	122.4	85.0	127.6
89	75.6	50.2	75.4#

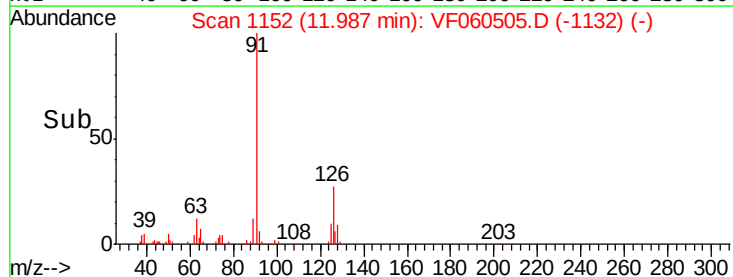
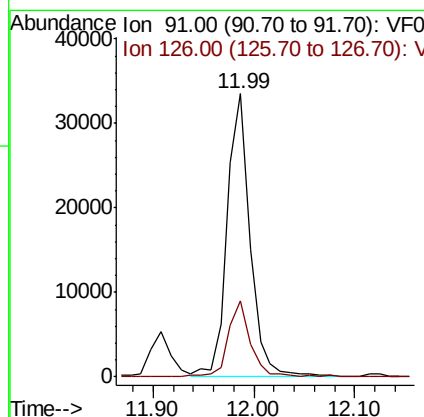
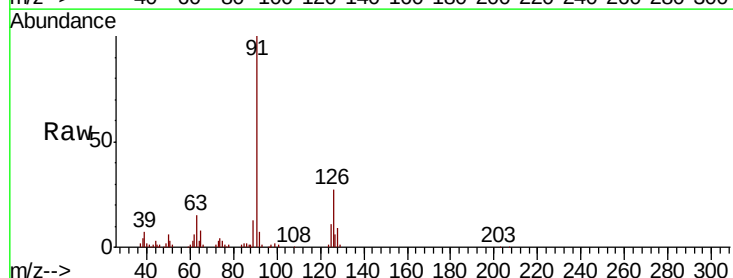
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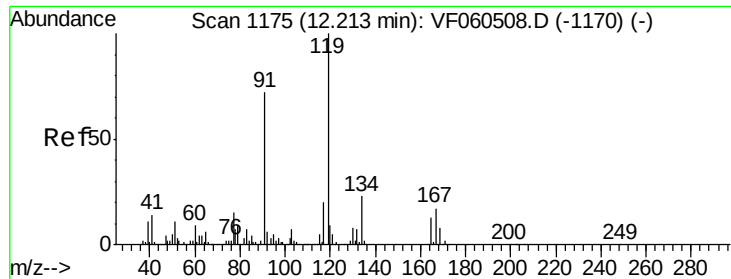
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#82
4-Chlorotoluene
Concen: 6.290 ug/l
RT: 11.99 min Scan# 1152
Delta R.T. 0.00 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	26.8	14.8	44.4





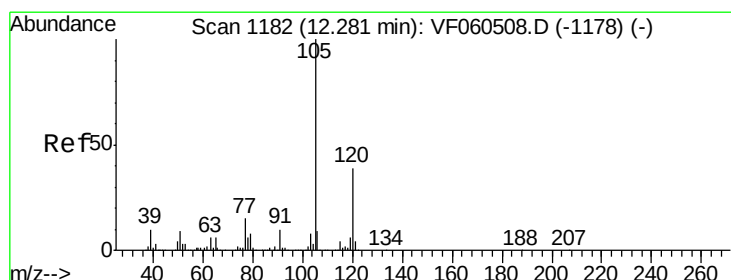
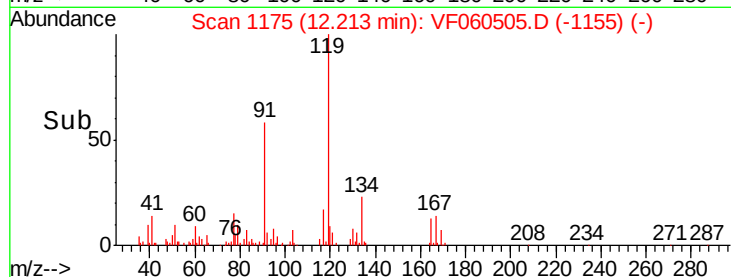
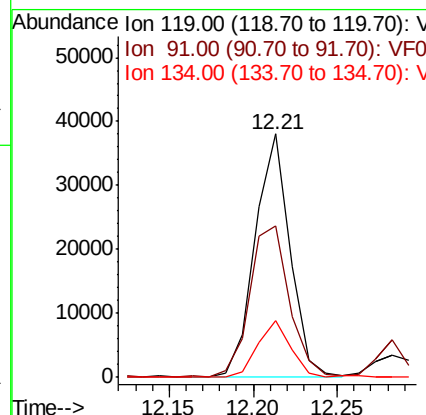
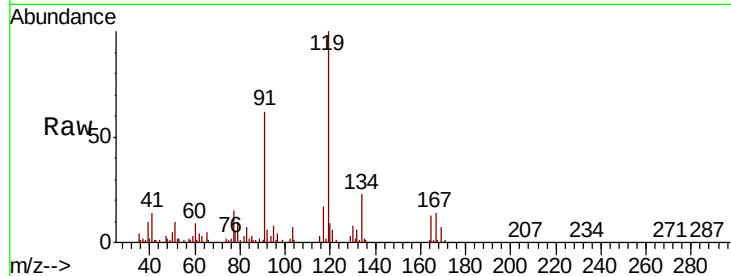
#83
 tert-Butylbenzene
 Concen: 5.556 ug/l
 RT: 12.21 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	55058		
91	62.2		36.3	108.9
134	23.3		11.4	34.2

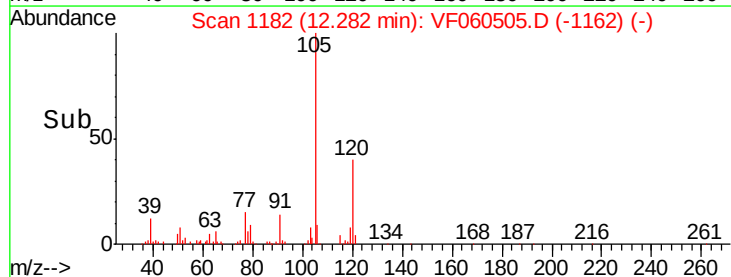
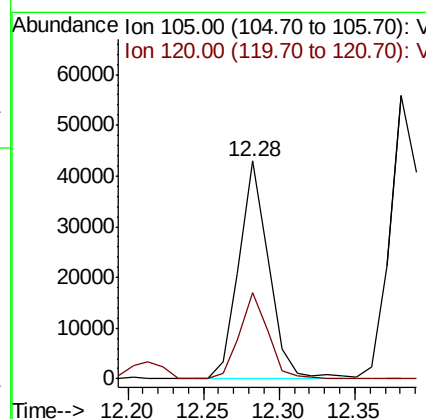
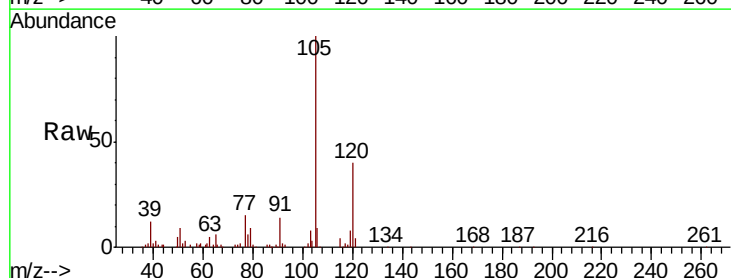
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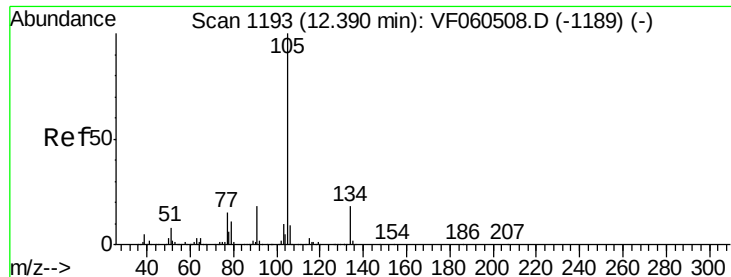
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.928 ug/l
 RT: 12.28 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	59334		
120	39.8		19.4	58.1





#85

sec-Butylbenzene

Concen: 5.937 ug/l

RT: 12.38 min Scan# 1192

Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 79793

Ion Ratio Lower Upper

105 100

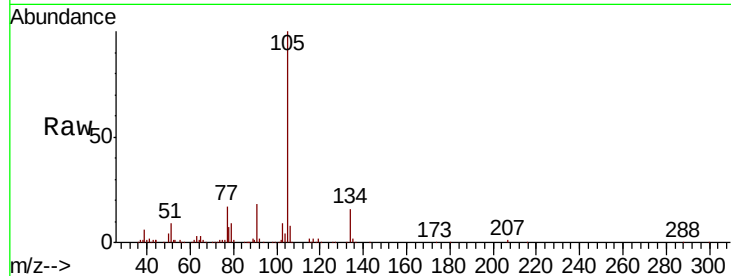
134 16.5 9.2 27.4

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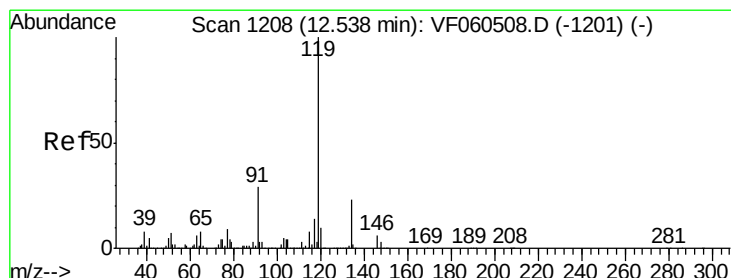
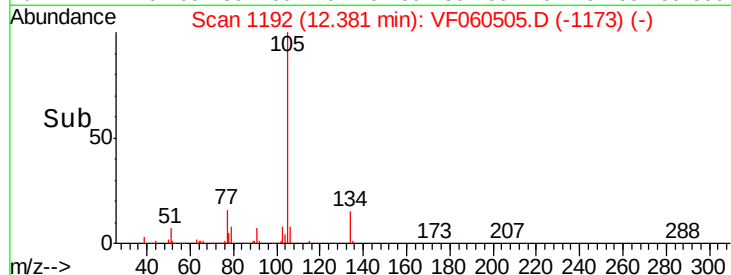
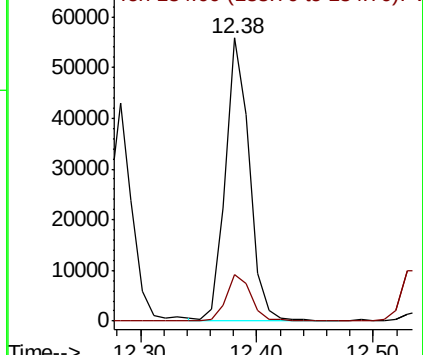
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 6.207 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

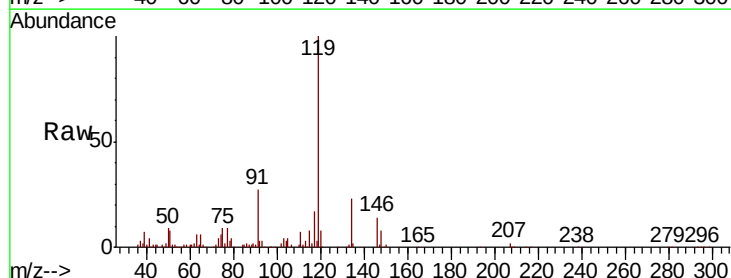
Tgt Ion:119 Resp: 68493

Ion Ratio Lower Upper

119 100

134 22.8 11.7 35.0

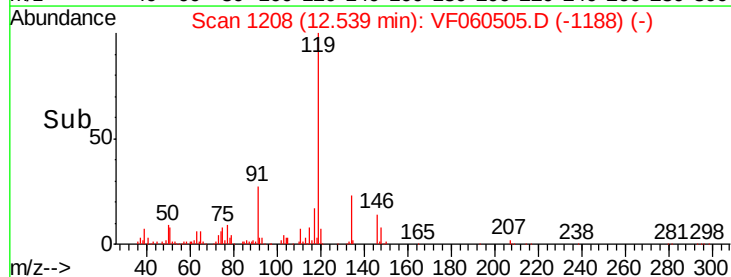
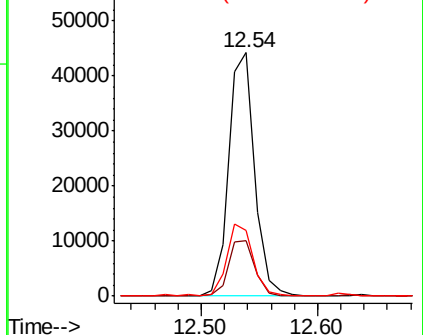
91 27.2 14.4 43.4

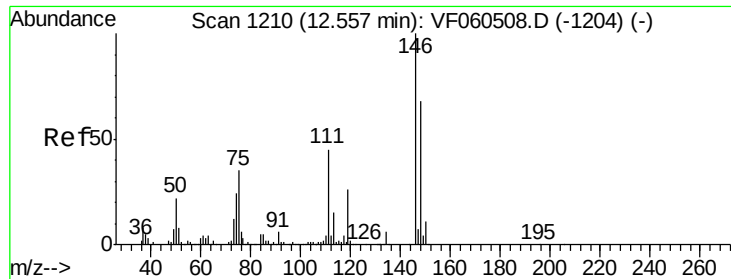


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 5.994 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Instrument :

MSVOA_F

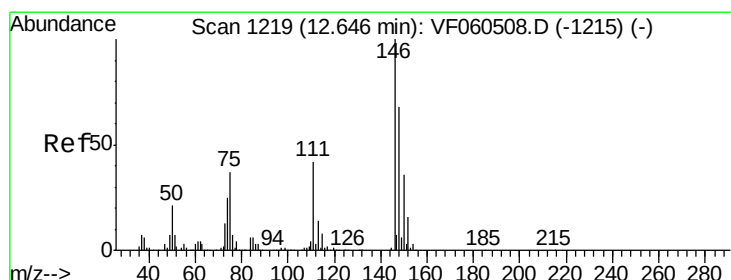
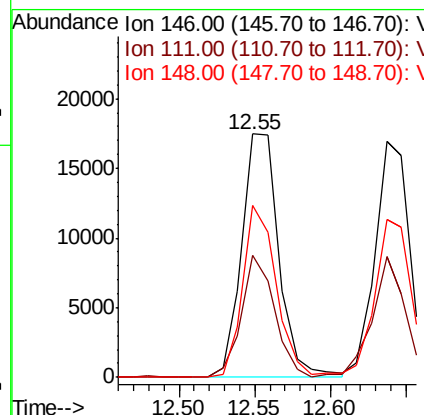
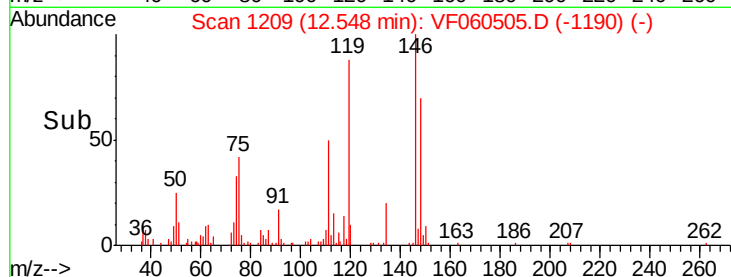
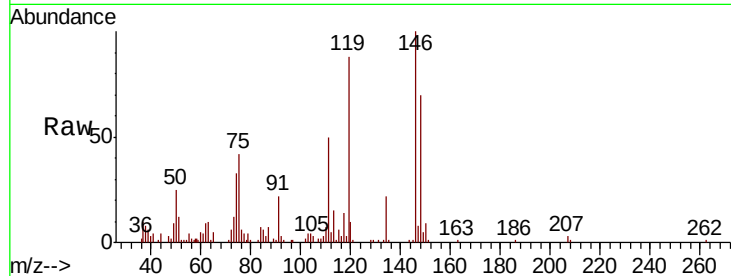
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.2	22.3	66.8
148	70.5	34.1	102.3

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#88

1,4-Dichlorobenzene

Concen: 5.862 ug/l

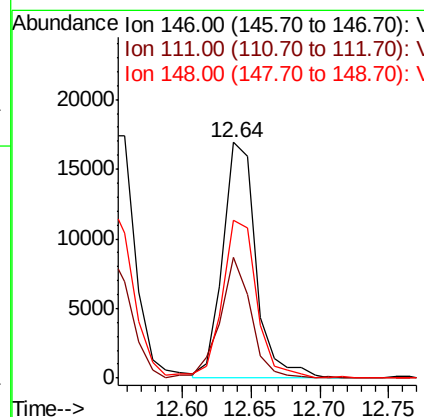
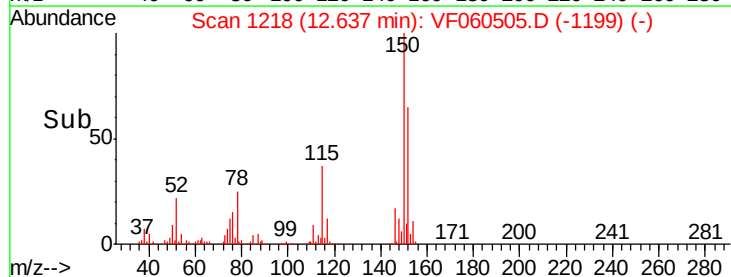
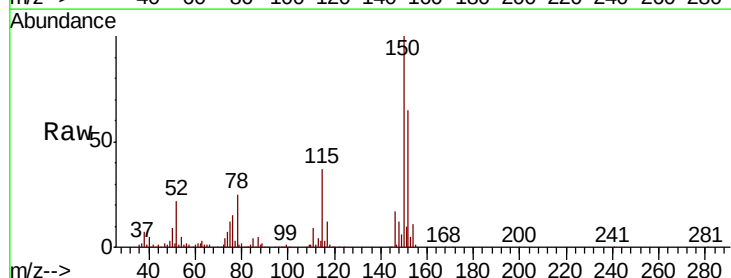
RT: 12.64 min Scan# 1218

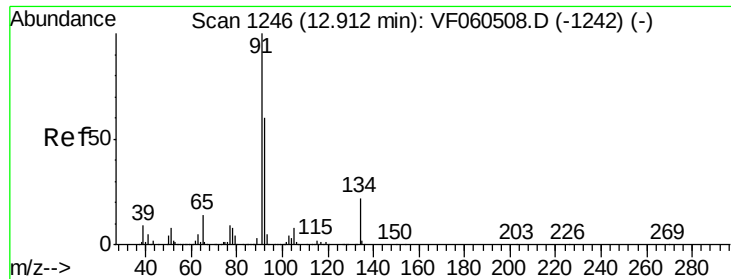
Delta R.T. -0.01 min

Lab File: VF060505.D

Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.4	21.1	63.3
148	67.2	33.9	101.7





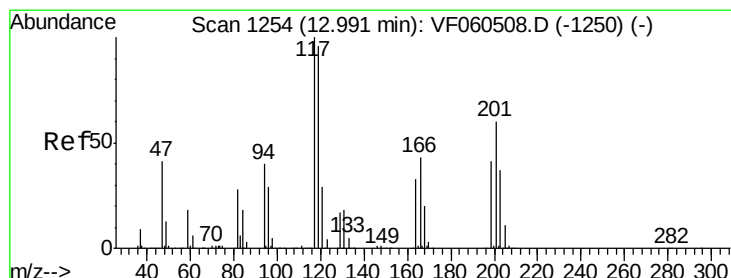
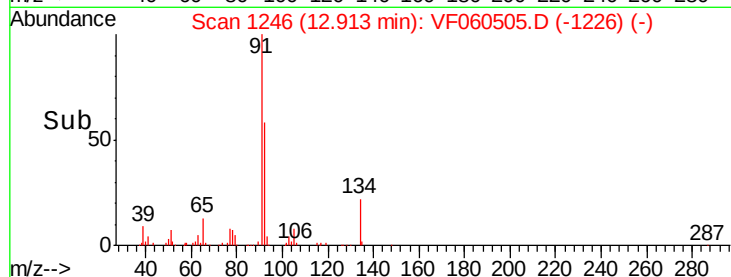
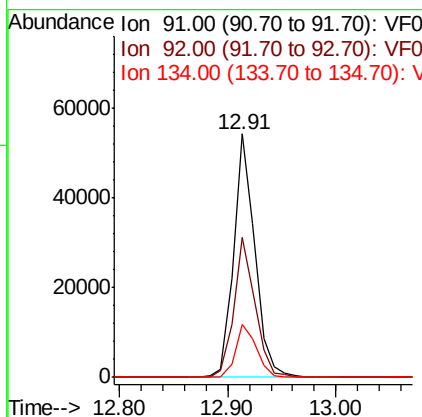
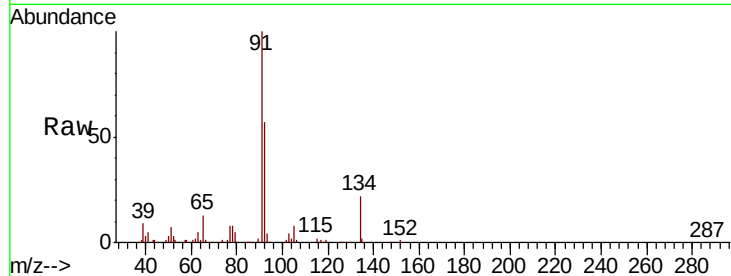
#89
n-Butylbenzene
Concen: 6.446 ug/l
RT: 12.91 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	57.5	29.8	89.3
134	21.8	10.9	32.7

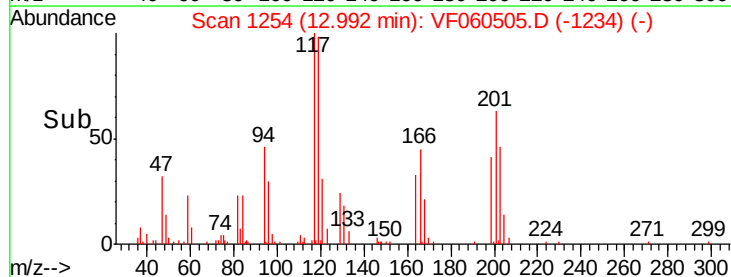
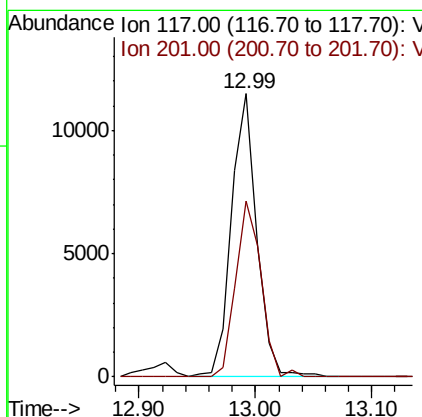
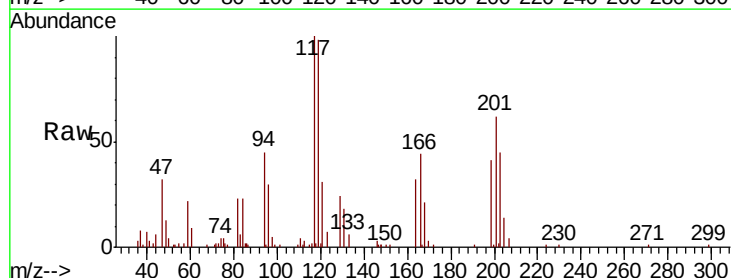
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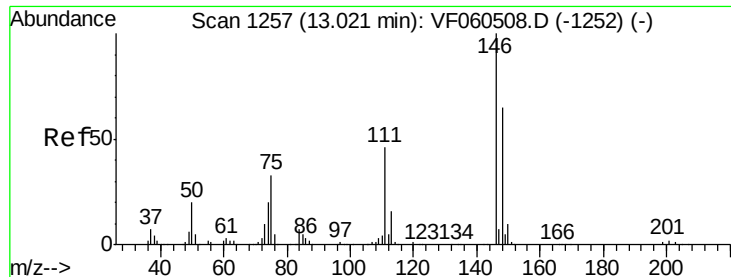
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#90
Hexachloroethane
Concen: 6.593 ug/l
RT: 12.99 min Scan# 1254
Delta R.T. 0.00 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	62.0	30.1	90.5





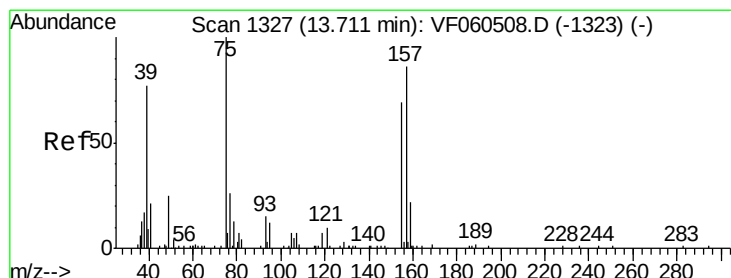
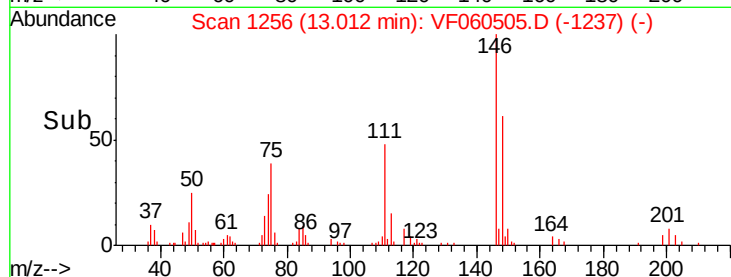
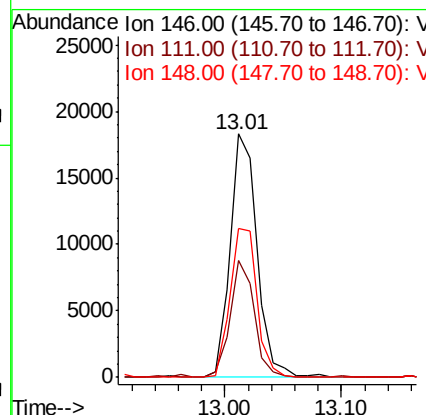
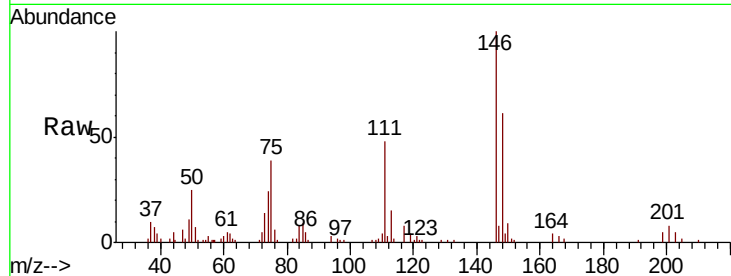
#91
 1,2-Dichlorobenzene
 Concen: 6.116 ug/l
 RT: 13.01 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	48.2	22.8	68.4
148	61.2	32.3	96.9

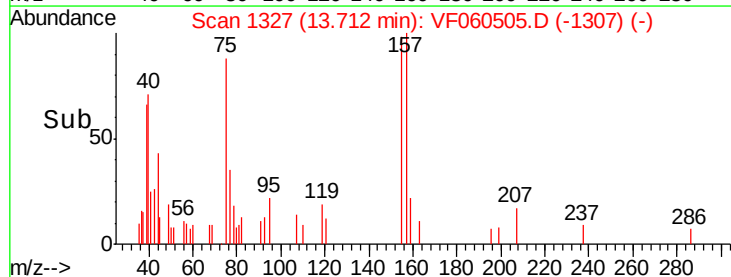
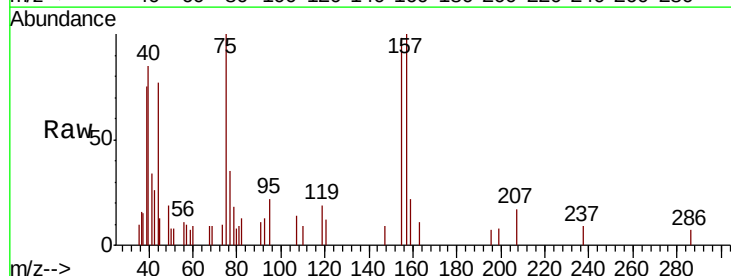
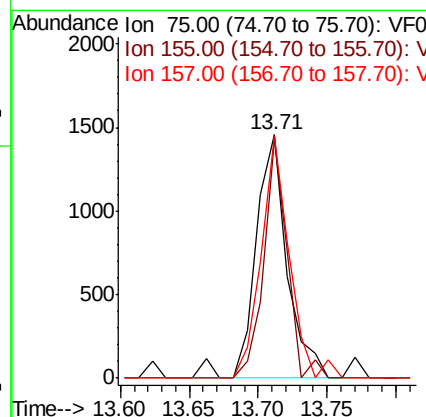
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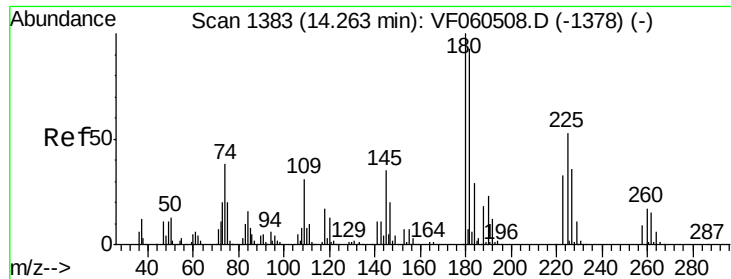
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.541 ug/l
 RT: 13.71 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	34.7	104.1
157	99.7	42.9	128.5





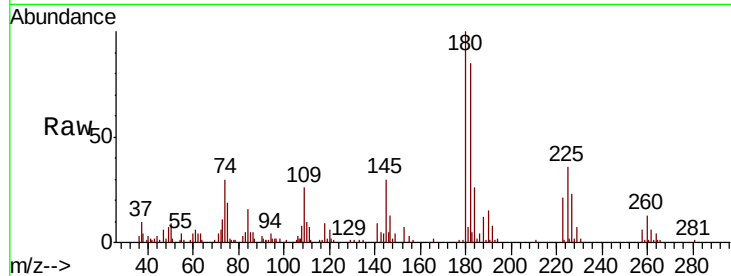
#93
 1,2,4-Trichlorobenzene
 Concen: 6.374 ug/l
 RT: 14.26 min Scan# 1383
 Delta R.T. 0.00 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	85.1	46.7	140.0
145	30.0	17.3	52.0

Manual Integrations
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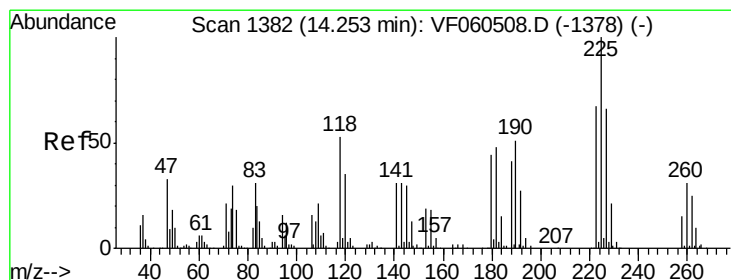
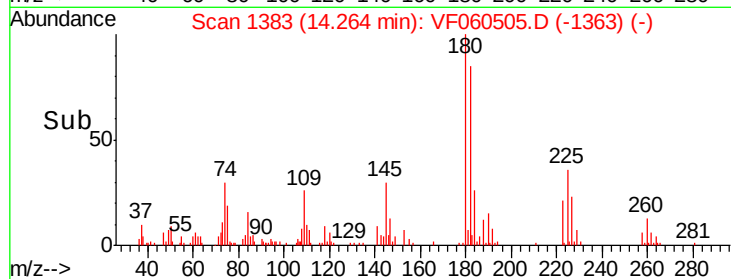
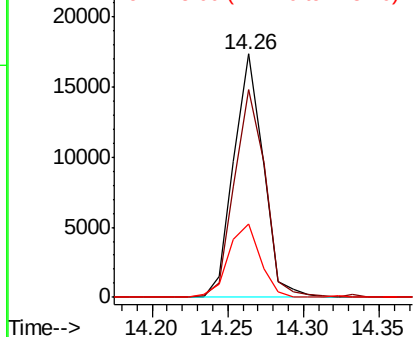


Abundance

Ion 180.00 (179.70 to 180.70): V

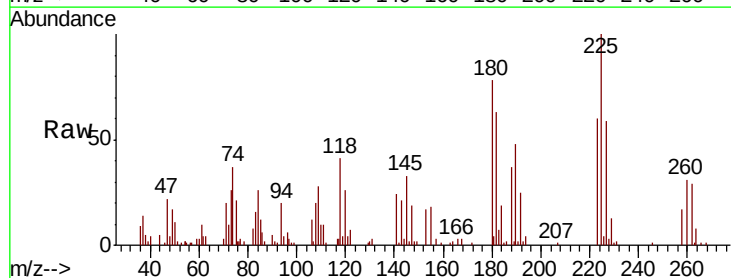
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#94
 Hexachlorobutadiene
 Concen: 6.789 ug/l
 RT: 14.25 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VF060505.D
 Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	33.4	100.2
227	59.0	32.9	98.6

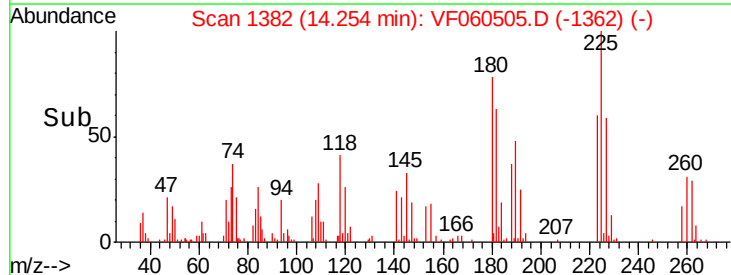
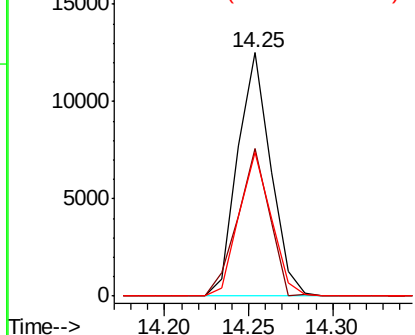


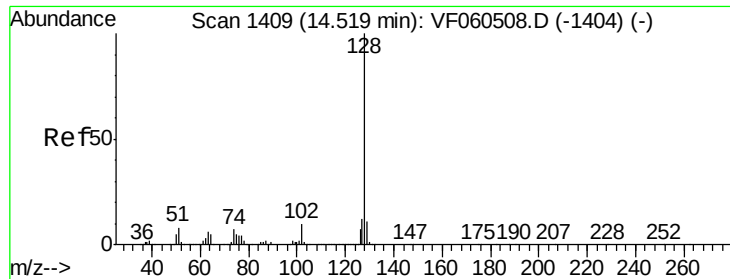
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





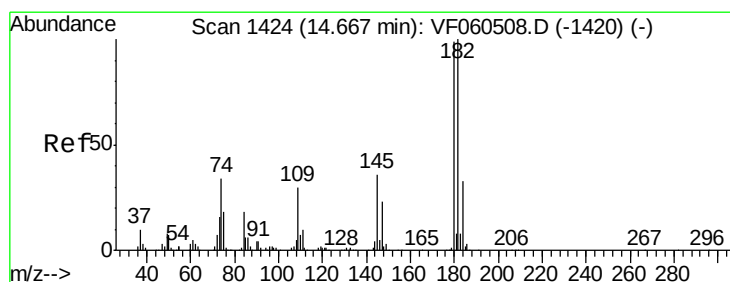
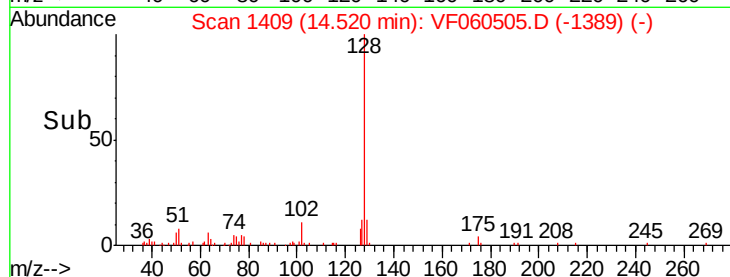
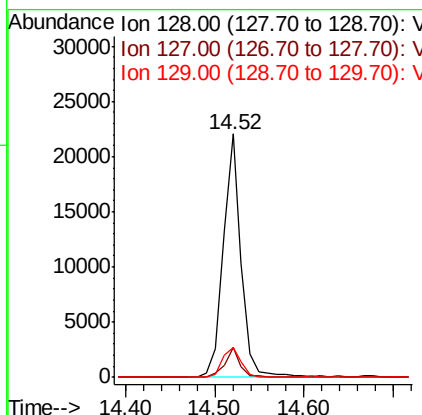
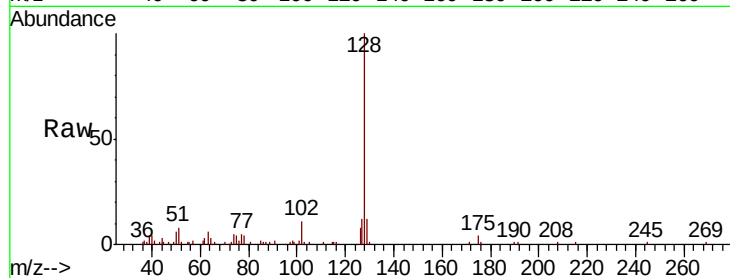
#95
Naphthalene
Concen: 4.906 ug/l
RT: 14.52 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.0	15.0
129	12.3	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 5.907 ug/l
RT: 14.67 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VF060505.D
Acq: 25 Oct 2018 13:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	110.0	50.7	152.1
145	31.1	18.1	54.4

