

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF060319\
 Data File : VF062825.D
 Acq On : 3 Jun 2019 13:32
 Operator : FY/SY
 Sample : K3097-20RE
 Misc : 5.02g/5mL/MSVOA F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 0440-PR-3(PASSAIC)RE

Quant Time: Jun 04 08:50:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 04:18:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	24060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.79	114	25447	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.93	117	10612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.57	152	197	50.00	ug/l	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	2835	17.04	ug/l	0.00
Spiked Amount 50.000			Recovery =	34.08%		
35) Dibromofluoromethane	4.30	113	6424	33.41	ug/l	-0.04
Spiked Amount 50.000			Recovery =	66.82%		
50) Toluene-d8	7.73	98	18422	37.89	ug/l	0.00
Spiked Amount 50.000			Recovery =	75.78%		
62) 4-Bromofluorobenzene	11.46	95	268	1.53	ug/l	-0.05
Spiked Amount 50.000			Recovery =	3.06%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.03	85	241	Below Cal	#	39
3) Chloromethane	1.11	50	1100	4.419	ug/l #	78
4) Vinyl Chloride	1.22	62	497	2.009	ug/l #	42
5) Bromomethane	1.42	94	920	6.521	ug/l #	34
6) Chloroethane	1.44	64	396	4.281	ug/l #	1
8) Diethyl Ether	1.61	74	590	8.563	ug/l	79
11) Tert butyl alcohol	2.67	59	857	85.029	ug/l #	56
12) 1,1-Dichloroethene	1.90	96	520	2.601	ug/l #	12
13) Acrolein	1.95	56	323	74.475	ug/l	99
14) Allyl chloride	2.22	41	1004	6.473	ug/l #	29
15) Acrylonitrile	3.16	53	387	10.219	ug/l #	60
16) Acetone	2.47	43	742	19.485	ug/l	98
17) Carbon Disulfide	1.86	76	6820	11.671	ug/l #	85
18) Methyl Acetate	2.47	43	788	11.842	ug/l #	47
19) Methyl tert-butyl Ether	2.59	73	401	1.107	ug/l	99
20) Methylene Chloride	2.36	84	419	Below Cal	#	1
21) trans-1,2-Dichloroethene	2.43	96	773	3.856	ug/l #	45
22) Diisopropyl ether	2.94	45	1065	2.417	ug/l #	85
23) Vinyl Acetate	3.37	43	1137	3.769	ug/l #	73
24) 1,1-Dichloroethane	2.99	63	355	1.079	ug/l #	1
25) 2-Butanone	4.55	43	1748	19.711	ug/l #	48
26) 2,2-Dichloropropane	3.75	77	904	4.839	ug/l	100
27) cis-1,2-Dichloroethene	3.67	96	1550	4.600	ug/l	66
28) Bromochloromethane	3.90	49	512	2.861	ug/l #	41
29) Tetrahydrofuran	4.29	42	1006	29.660	ug/l #	63
31) Cyclohexane	3.86	56	782	1.755	ug/l #	23
32) 1,1,1-Trichloroethane	4.33	97	472	1.748	ug/l #	22
36) 1,1-Dichloropropene	4.44	75	798	3.406	ug/l	95
37) Ethyl Acetate	4.33	43	422	4.712	ug/l #	21
39) Methylcyclohexane	5.67	83	422	1.447	ug/l #	26
40) Benzene	4.82	78	1042	1.528	ug/l #	16
41) Methacrylonitrile	4.96	41	840	16.873	ug/l #	25
42) 1,2-Dichloroethane	5.16	62	249	1.920	ug/l	69
43) Isopropyl Acetate	7.11	43	1503	12.705	ug/l #	38

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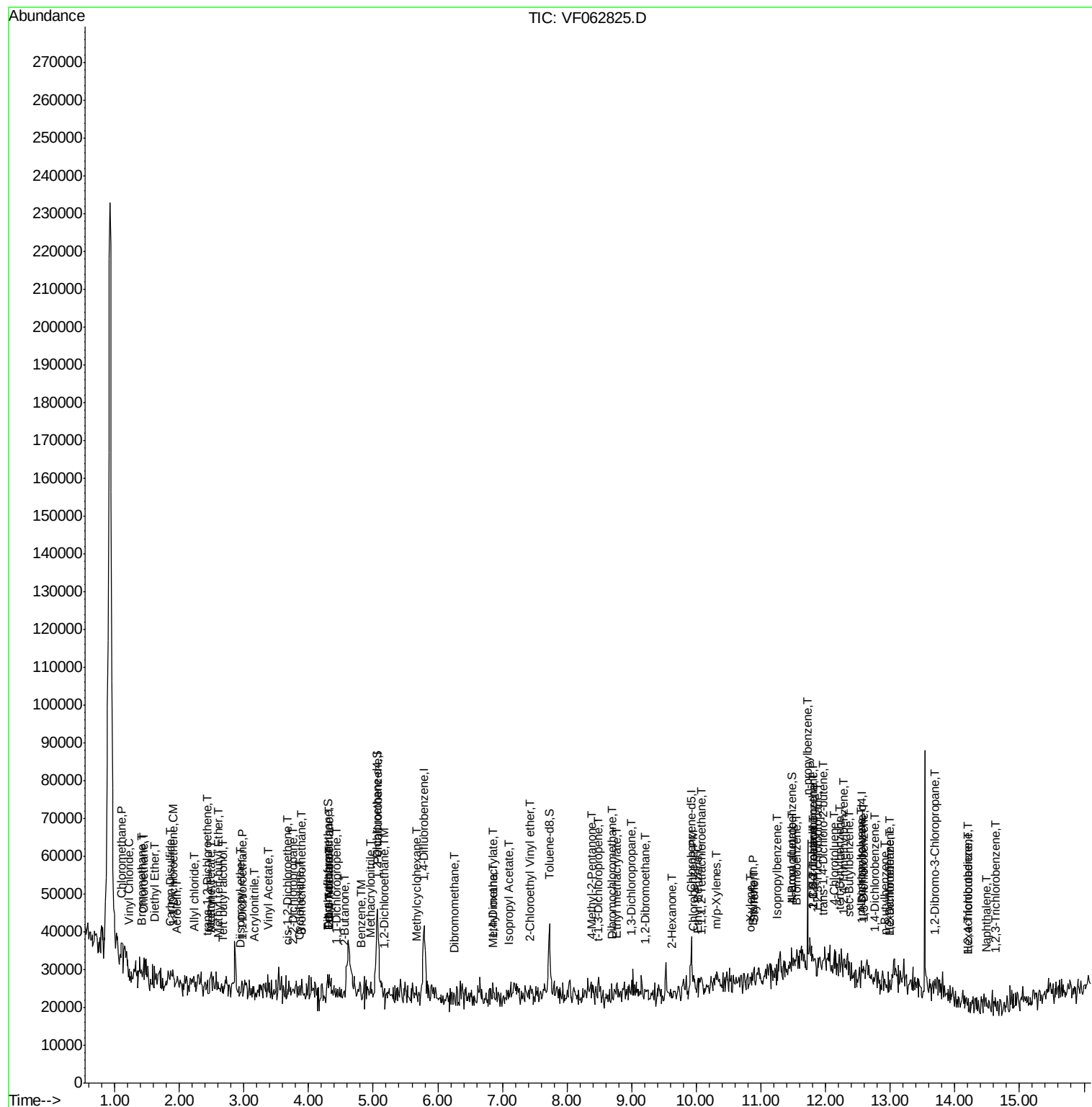
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	6.27	93	165	1.652	ug/l #	56
48) Methyl methacrylate	6.87	41	736	12.072	ug/l #	13
49) 1,4-Dioxane	6.86	88	342	425.584	ug/l #	1
51) 4-Methyl-2-Pentanone	8.39	43	859	10.171	ug/l	98
53) t-1,3-Dichloropropene	8.47	75	729	4.324	ug/l	93
56) Ethyl methacrylate	8.76	69	123	1.045	ug/l #	1
57) 1,3-Dichloropropane	9.00	76	414	2.311	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.43	63	431	10.477	ug/l #	51
59) 2-Hexanone	9.63	43	795	13.206	ug/l #	22
60) Dibromochloromethane	8.69	129	147	1.082	ug/l	92
61) 1,2-Dibromoethane	9.20	107	250	2.194	ug/l	87
65) Chlorobenzene	9.97	112	230	1.122	ug/l #	40
66) 1,1,1,2-Tetrachloroethane	10.09	131	332	4.068	ug/l	95
67) Ethyl Benzene	10.03	91	960	2.730	ug/l	93
68) m/p-Xylenes	10.30	106	377	2.801	ug/l	97
69) o-Xylene	10.83	106	228	1.673	ug/l	91
70) Styrene	10.88	104	453	2.256	ug/l #	1
71) Bromoform	10.87	173	260	6.641	ug/l #	28
73) Isopropylbenzene	11.24	105	316	22.989	ug/l #	44
74) N-amyl acetate	11.48	43	708	182.749	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	11.80	83	114	38.836	ug/l #	30
76) 1,2,3-Trichloropropane	11.89	75	199	102.272	ug/l #	1
77) Bromobenzene	11.55	156	61	17.662	ug/l	88
78) n-propylbenzene	11.71	91	417	25.125	ug/l	96
79) 2-Chlorotoluene	11.80	91	1095	115.302	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.81	105	233	20.727	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.95	75	675	819.387	ug/l #	57
82) 4-Chlorotoluene	12.14	91	384	41.144	ug/l	92
83) tert-Butylbenzene	12.21	119	301	27.023	ug/l #	58
84) 1,2,4-Trimethylbenzene	12.27	105	103	9.664	ug/l	82
85) sec-Butylbenzene	12.37	105	994	67.724	ug/l #	55
86) p-Isopropyltoluene	12.54	119	378	30.941	ug/l #	39
87) 1,3-Dichlorobenzene	12.59	146	65	10.671	ug/l #	23
88) 1,4-Dichlorobenzene	12.76	146	105	18.471	ug/l	66
89) n-Butylbenzene	12.90	91	578	47.033	ug/l #	42
90) Hexachloroethane	12.99	117	110	36.917	ug/l	76
91) 1,2-Dichlorobenzene	12.99	146	114	21.293	ug/l #	23
92) 1,2-Dibromo-3-Chloropropan	13.69	75	85	265.784	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.20	180	107	29.108	ug/l #	10
94) Hexachlorobutadiene	14.20	225	73	28.706	ug/l #	19
95) Naphthalene	14.49	128	387	64.261	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.64	180	76	22.649	ug/l #	11

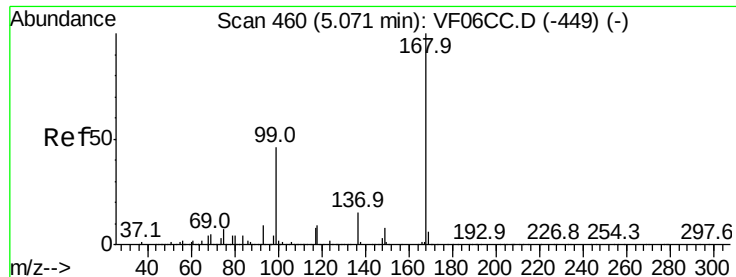
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. -0.01 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

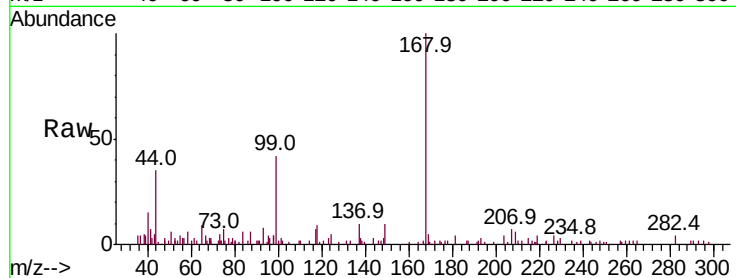
0440-PR-3(PASSAIC)RE

Tot Ion:168 Resp: 24060

Ion Ratio Lower Upper

168 100

99 42.0 39.1 58.7



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

5.07

8000

6000

4000

2000

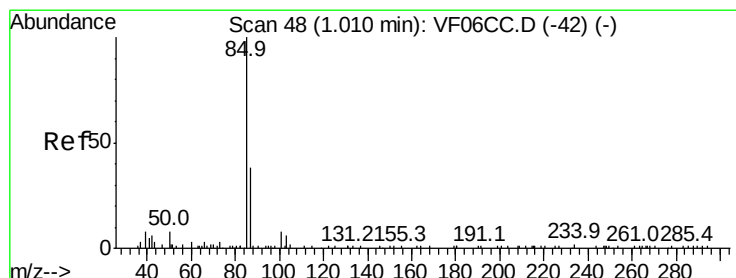
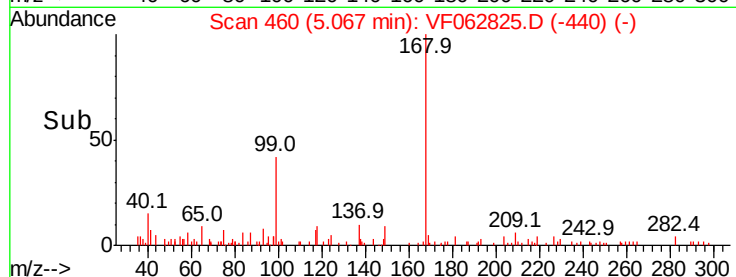
0

Time-->

5.00

5.10

5.20



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.03 min Scan# 50

Delta R.T. 0.01 min

Lab File: VF062825.D

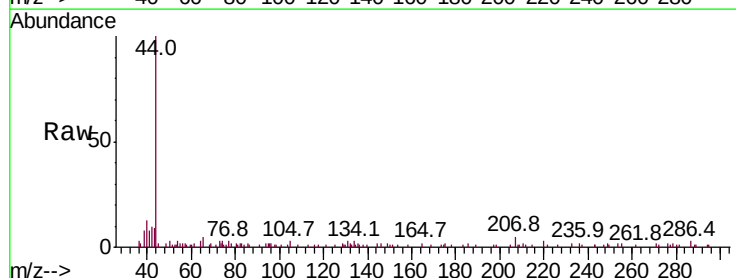
Acq: 3 Jun 2019 13:32

Tgt Ion: 85 Resp: 241

Ion Ratio Lower Upper

85 100

87 0.0 17.6 52.9#



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

1.03

500

400

300

200

100

0

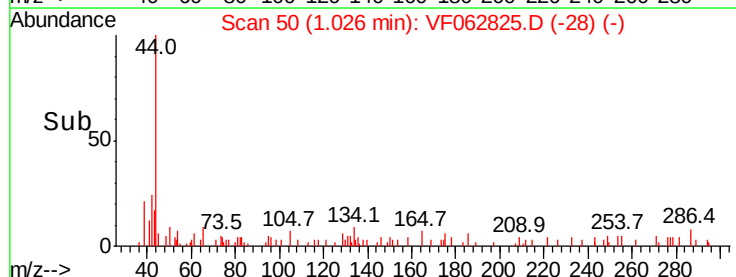
Time-->

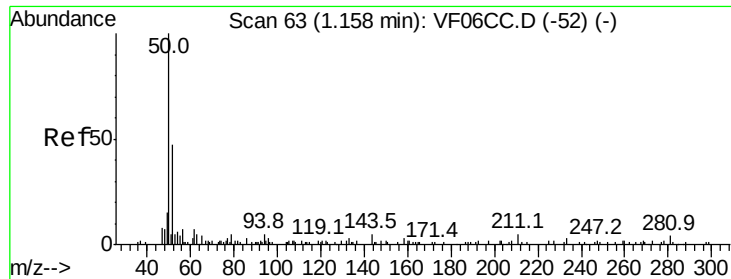
0.98

1.00

1.02

1.04





#3

Chloromethane

Concen: 4.419 ug/l

RT: 1.11 min Scan# 59

Delta R.T. -0.04 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

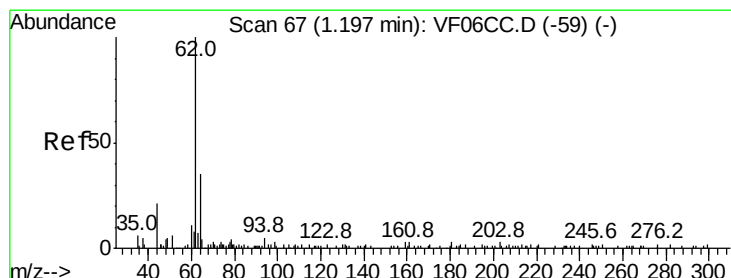
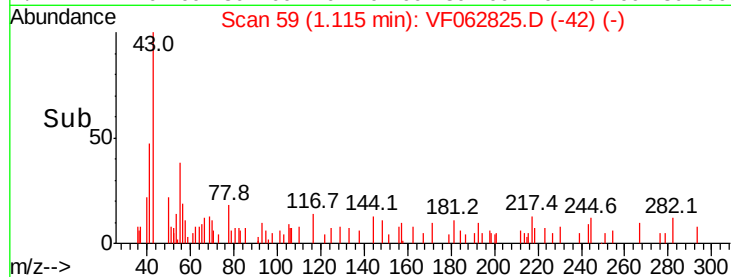
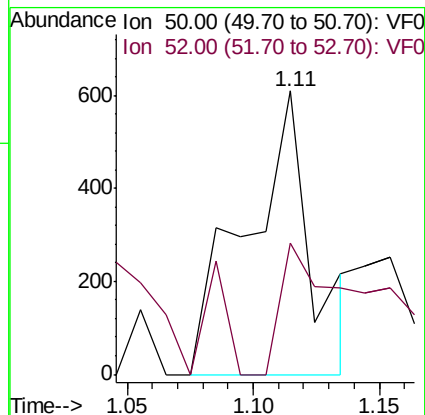
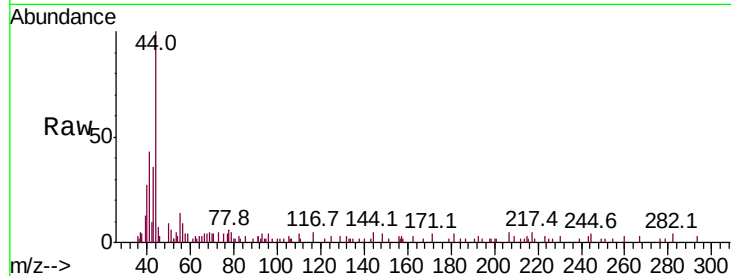
0440-PR-3(PASSAIC)RE

Tot Ion: 50 Resp: 1100

Ion Ratio Lower Upper

50 100

52 46.2 27.0 40.4#



#4

Vinyl Chloride

Concen: 2.009 ug/l

RT: 1.22 min Scan# 70

Delta R.T. 0.02 min

Lab File: VF062825.D

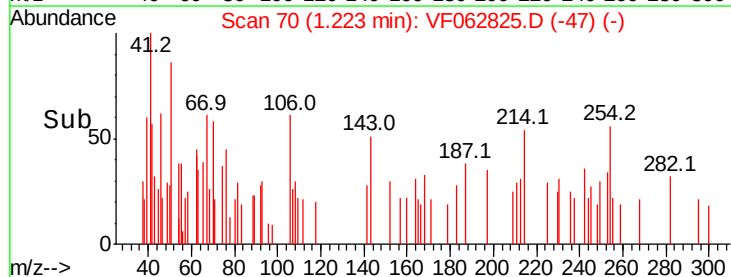
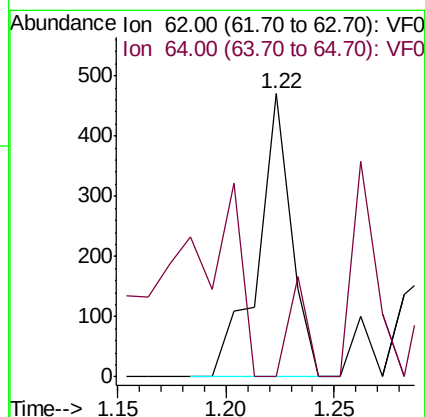
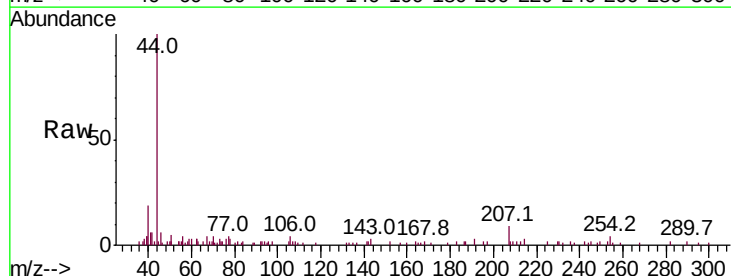
Acq: 3 Jun 2019 13:32

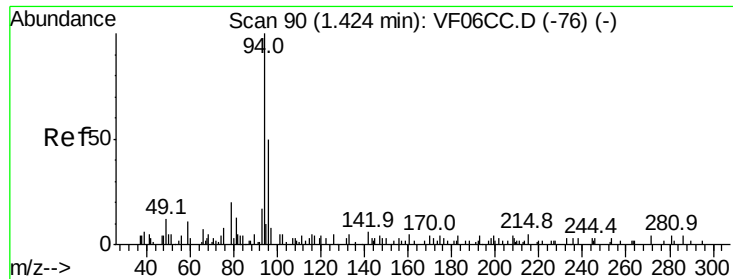
Tgt Ion: 62 Resp: 497

Ion Ratio Lower Upper

62 100

64 0.0 26.2 39.2#





#5

Bromomethane

Concen: 6.521 ug/l

RT: 1.42 min Scan# 90

Delta R.T. 0.01 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

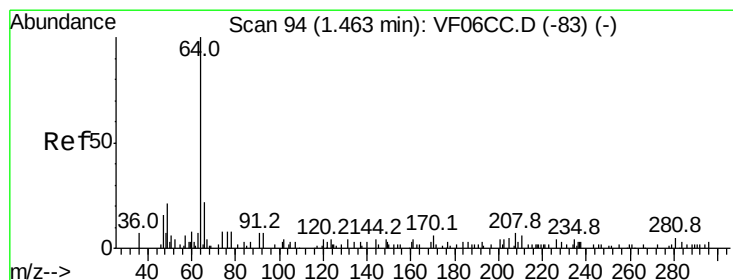
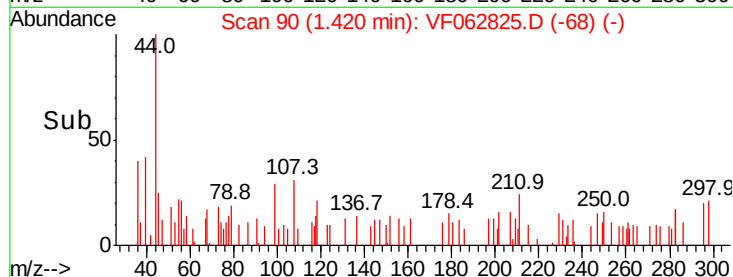
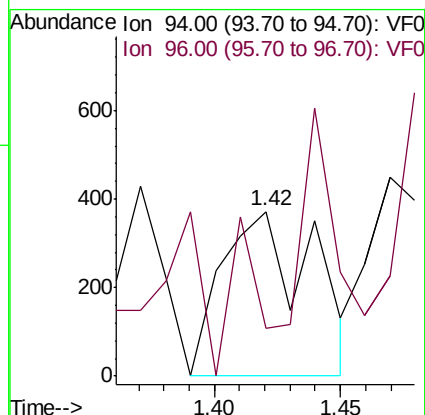
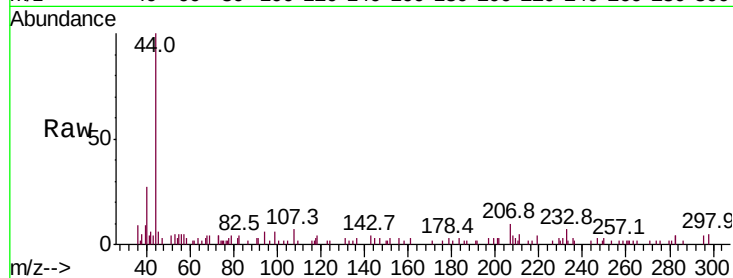
0440-PR-3(PASSAIC)RE

Tot Ion: 94 Resp: 920

Ion Ratio Lower Upper

94 100

96 29.0 73.8 110.6#



#6

Chloroethane

Concen: 4.281 ug/l

RT: 1.44 min Scan# 92

Delta R.T. -0.03 min

Lab File: VF062825.D

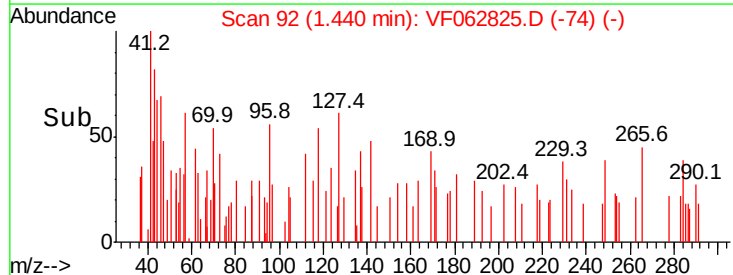
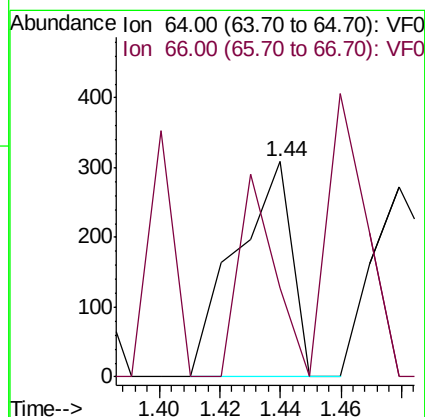
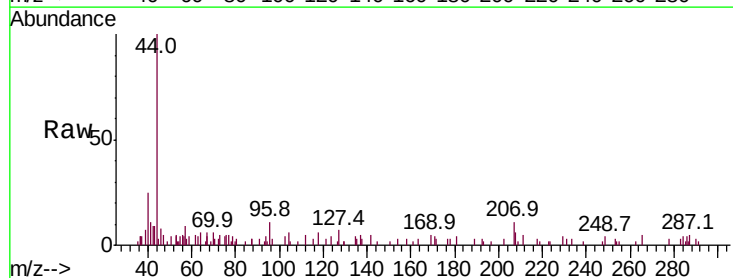
Acq: 3 Jun 2019 13:32

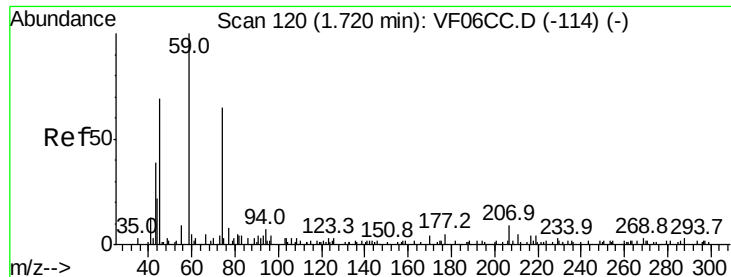
Tgt Ion: 64 Resp: 396

Ion Ratio Lower Upper

64 100

66 108.1 31.0 46.4#





#8

Diethyl Ether

Concen: 8.563 ug/l

RT: 1.61 min Scan# 109

Delta R.T. -0.11 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

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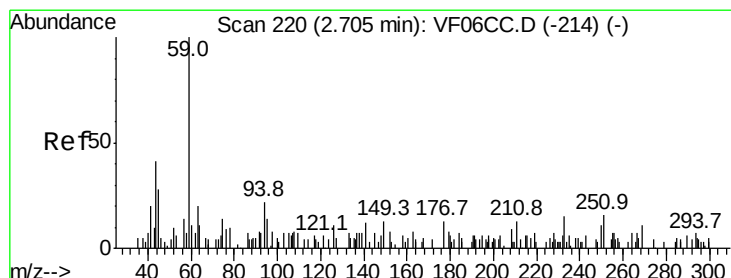
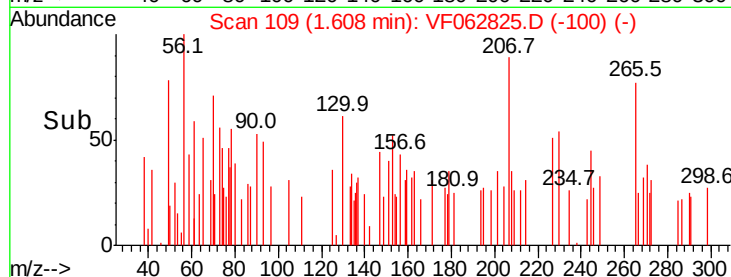
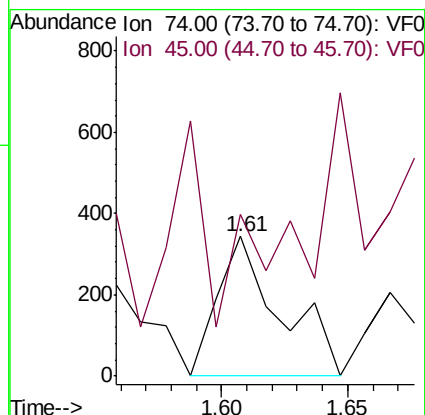
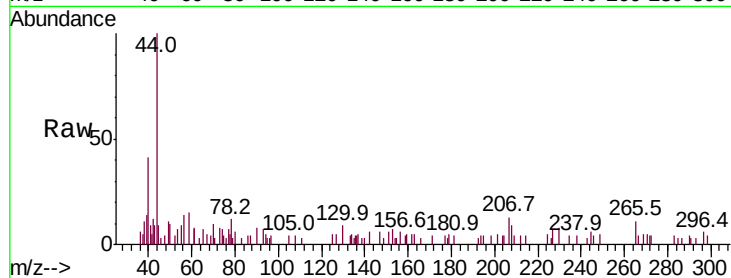
0440-PR-3(PASSAIC)RE

Tot Ion: 74 Resp: 590

Ion Ratio Lower Upper

74 100

45 115.4 47.5 142.5



#11

Tert butyl alcohol

Concen: 85.029 ug/l

RT: 2.67 min Scan# 217

Delta R.T. -0.05 min

Lab File: VF062825.D

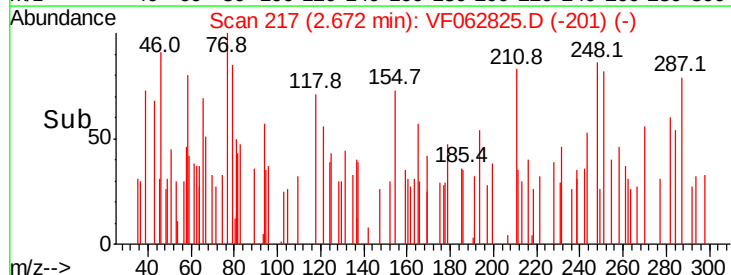
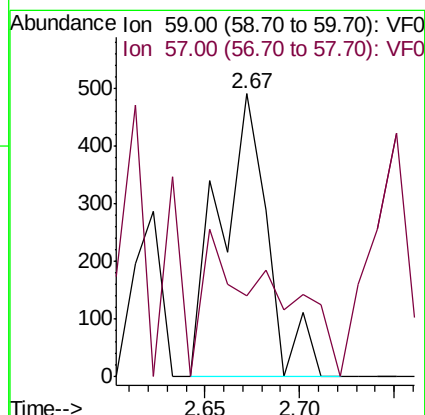
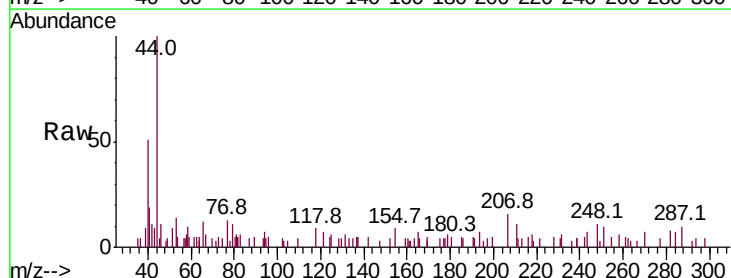
Acq: 3 Jun 2019 13:32

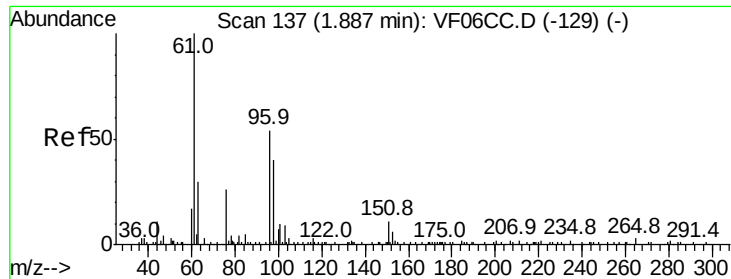
Tgt Ion: 59 Resp: 857

Ion Ratio Lower Upper

59 100

57 28.5 9.2 13.8#





#12

1,1-Dichloroethene

Concen: 2.601 ug/l

RT: 1.90 min Scan# 139

Delta R.T. 0.01 min

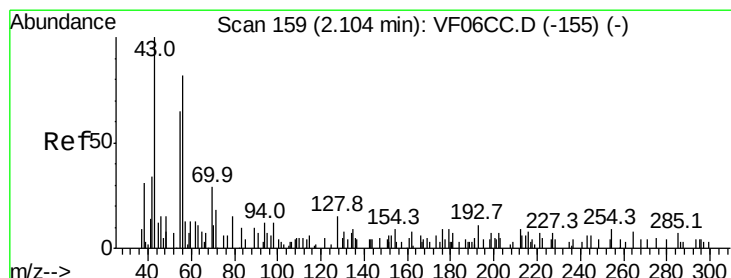
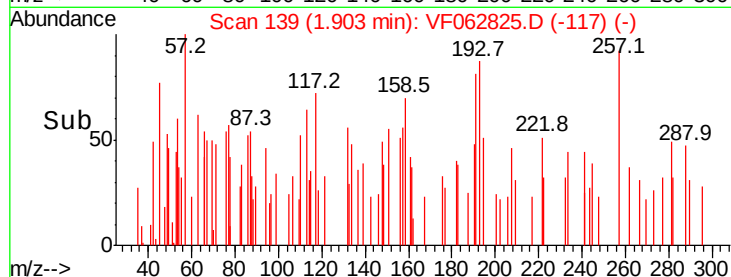
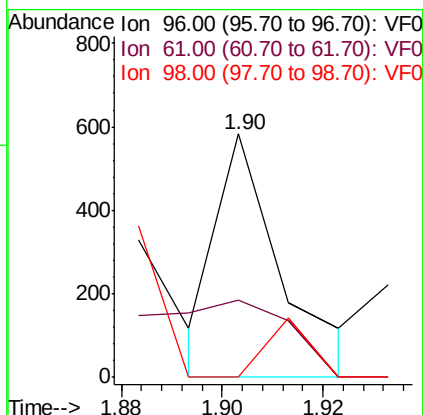
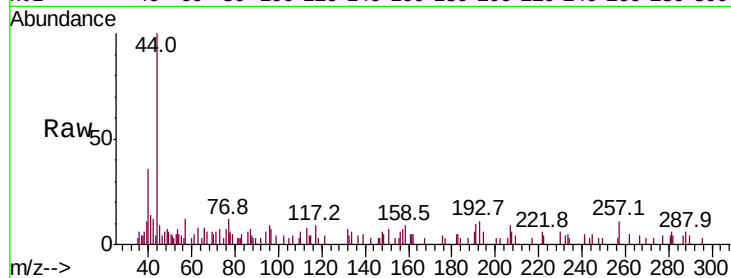
Lab File: VF062825.D

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Tot Ion: 96 Resp: 520

Ion	Ratio	Lower	Upper
96	100		
61	31.7	139.4	209.2#
98	26.9	50.3	75.5#



#13

Acrolein

Concen: 74.475 ug/l

RT: 1.95 min Scan# 144

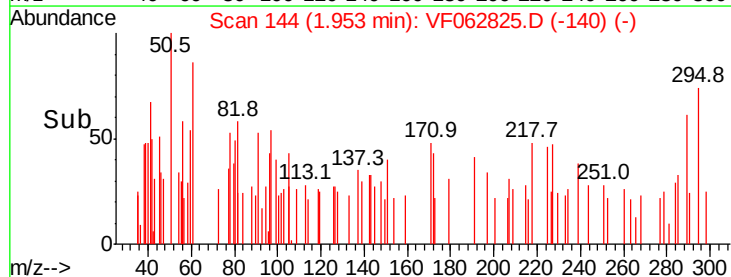
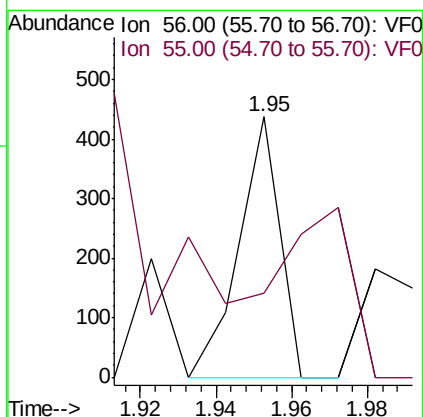
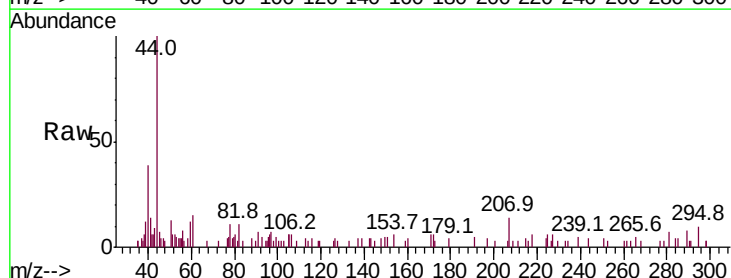
Delta R.T. -0.16 min

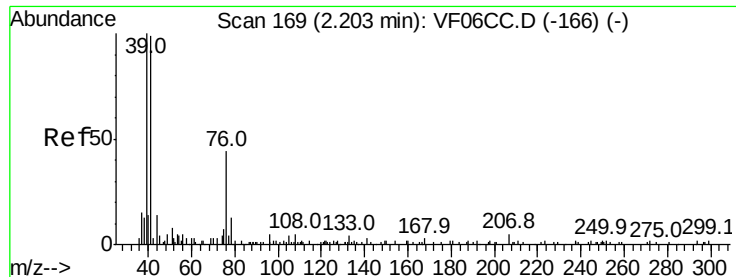
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Tgt Ion: 56 Resp: 323

Ion	Ratio	Lower	Upper
56	100		
55	66.6	52.9	79.3

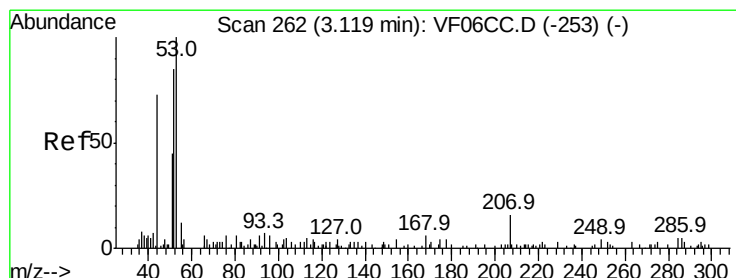
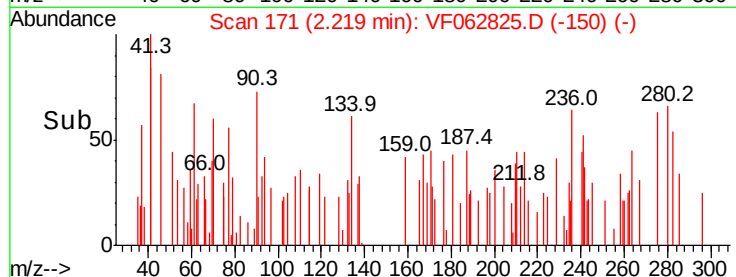
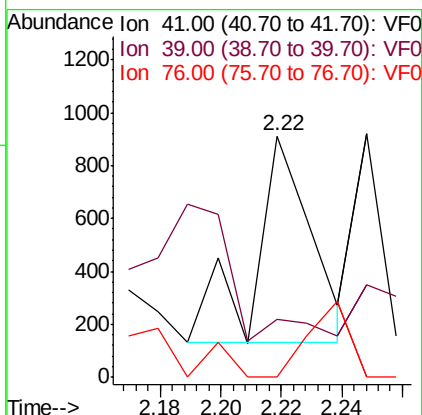
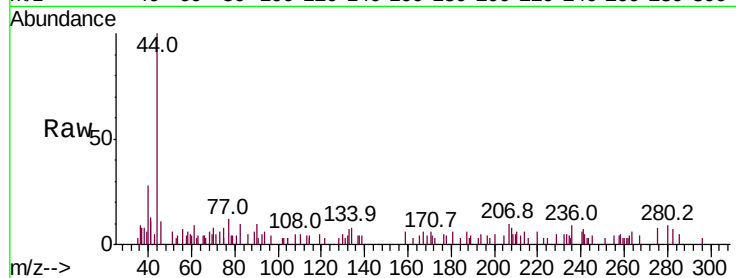




#14
Allvl chloride
Concen: 6.473 ug/l
RT: 2.22 min Scan# 171
Delta R.T. 0.00 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

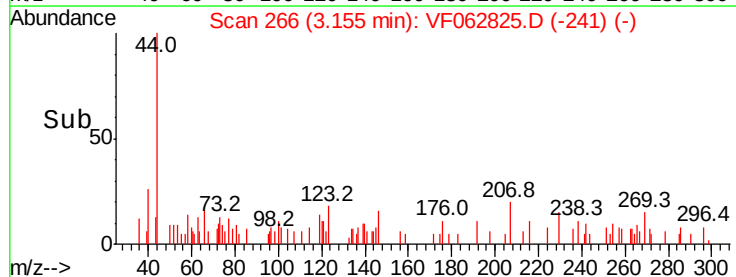
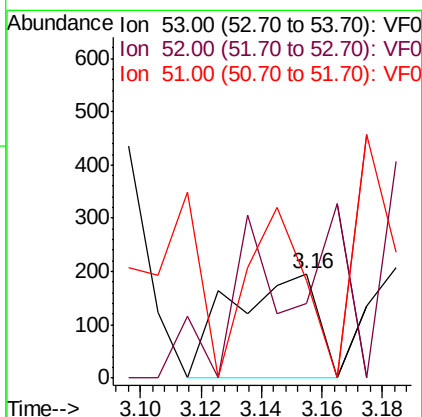
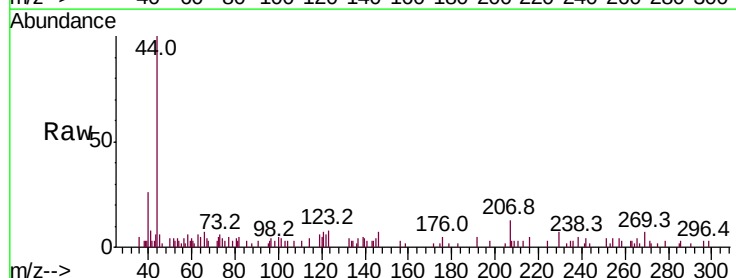
Instrument :
MSVOA_F
ClientSampleId :
0440-PR-3(PASSAIC)RE

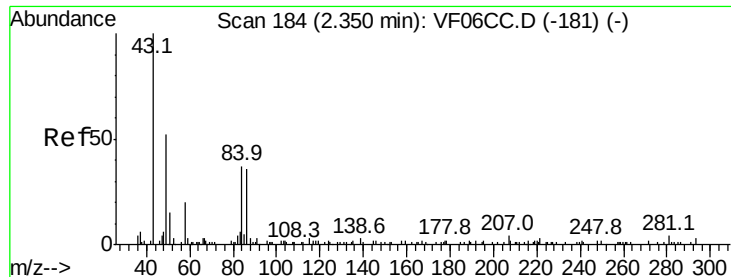
Tot Ion: 41 Resp: 1004
Ion Ratio Lower Upper
41 100
39 23.9 71.9 107.9#
76 0.0 39.6 59.4#



#15
Acrylonitrile
Concen: 10.219 ug/l
RT: 3.16 min Scan# 266
Delta R.T. 0.04 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

Tgt Ion: 53 Resp: 387
Ion Ratio Lower Upper
53 100
52 70.9 68.1 102.1
51 93.4 27.7 41.5#





#16

Acetone

Concen: 19.485 ug/l

RT: 2.47 min Scan# 197

Delta R.T. 0.11 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

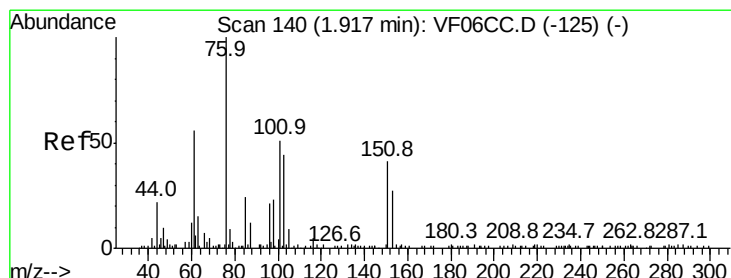
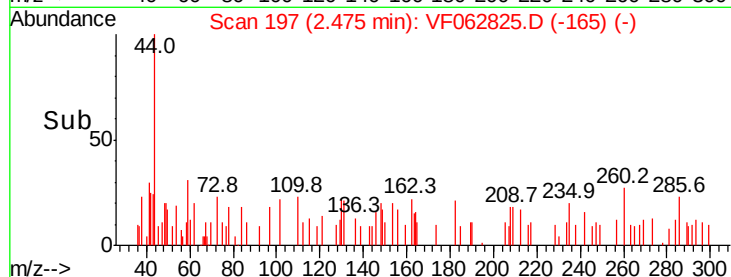
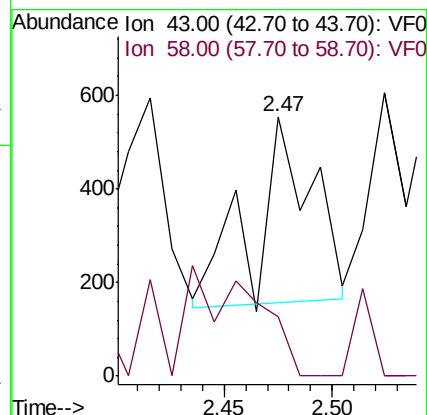
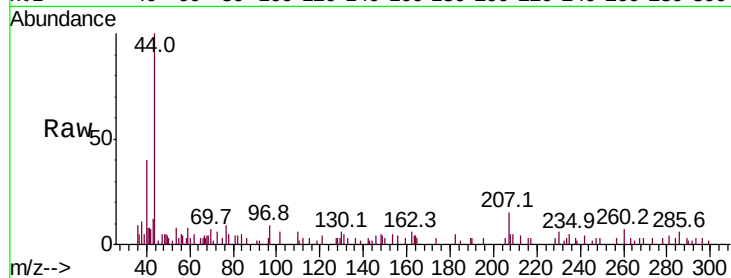
0440-PR-3(PASSAIC)RE

Tot Ion: 43 Resp: 742

Ion Ratio Lower Upper

43 100

58 22.7 19.0 28.4



#17

Carbon Disulfide

Concen: 11.671 ug/l

RT: 1.86 min Scan# 135

Delta R.T. -0.06 min

Lab File: VF062825.D

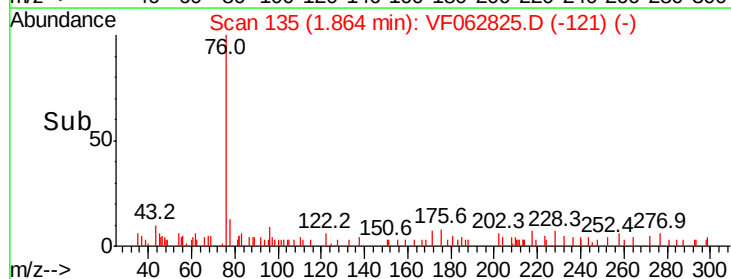
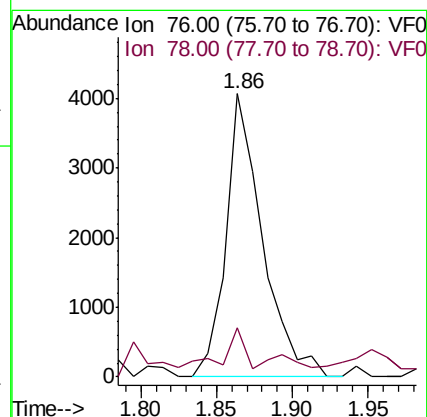
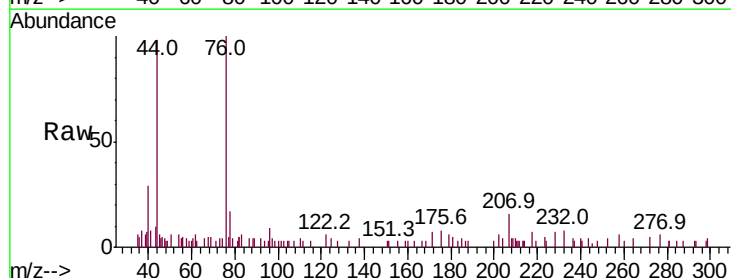
Acq: 3 Jun 2019 13:32

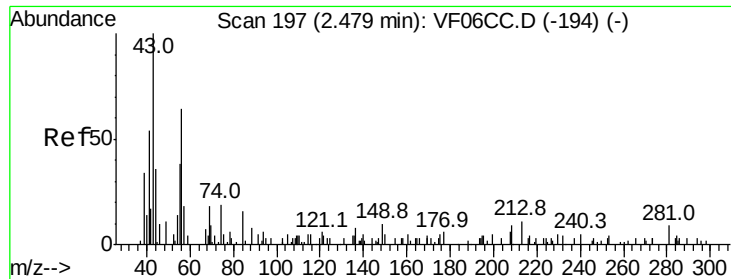
Tgt Ion: 76 Resp: 6820

Ion Ratio Lower Upper

76 100

78 17.4 9.4 14.2#

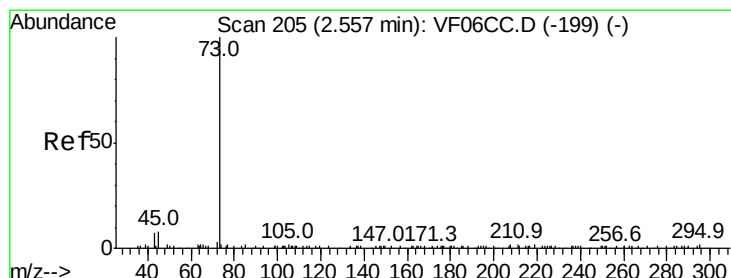
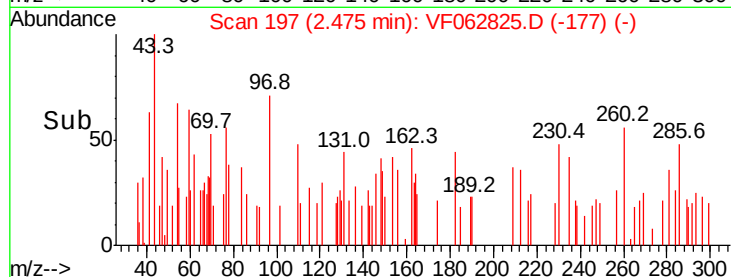
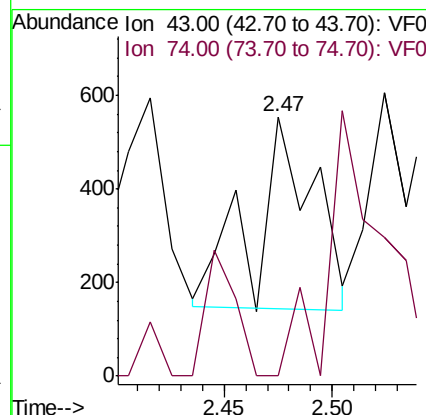
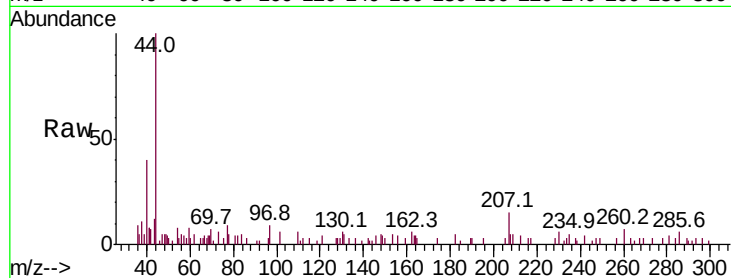




#18
Methyl Acetate
Concen: 11.842 ug/l
RT: 2.47 min Scan# 197
Delta R.T. -0.01 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

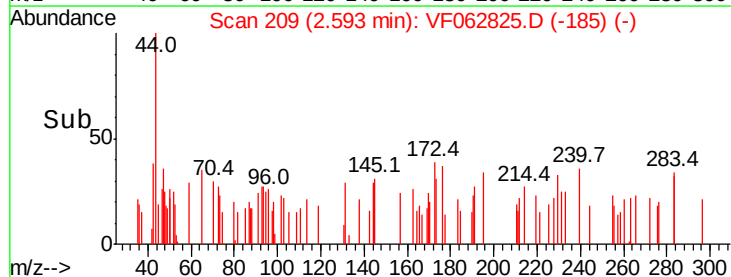
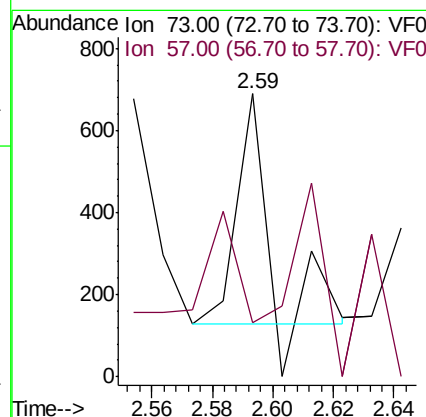
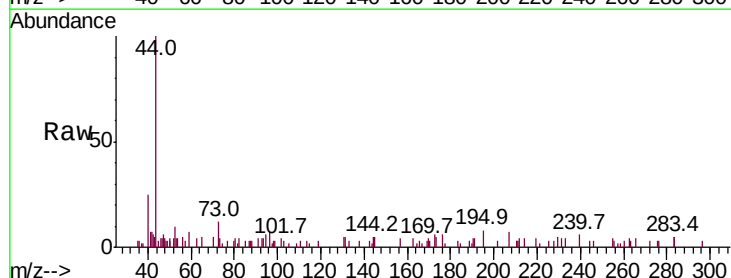
Instrument :
MSVOA_F
ClientSampleId :
0440-PR-3(PASSAIC)RE

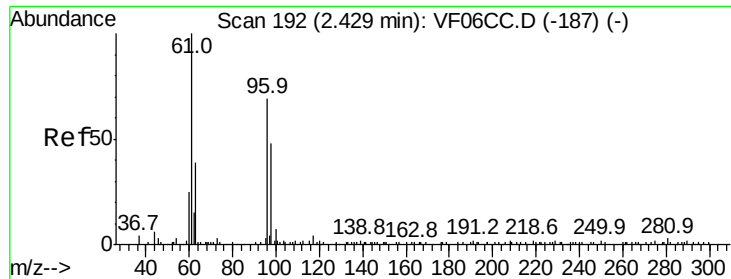
Tot Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
74 0.0 22.1 33.1#



#19
Methyl tert-butyl Ether
Concen: 1.107 ug/l
RT: 2.59 min Scan# 209
Delta R.T. 0.03 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

Tgt Ion: 73 Resp: 401
Ion Ratio Lower Upper
73 100
57 19.3 15.1 22.7





#21

trans-1,2-Dichloroethene

Concen: 3.856 ug/l

RT: 2.43 min Scan# 192

Delta R.T. -0.02 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

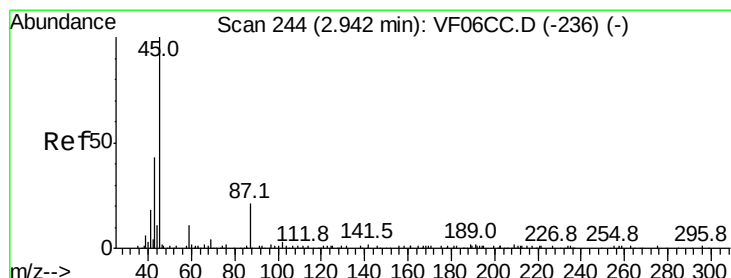
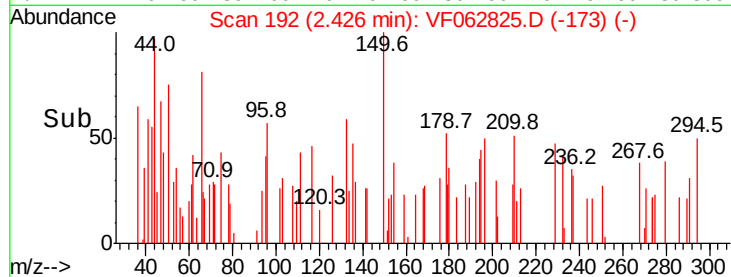
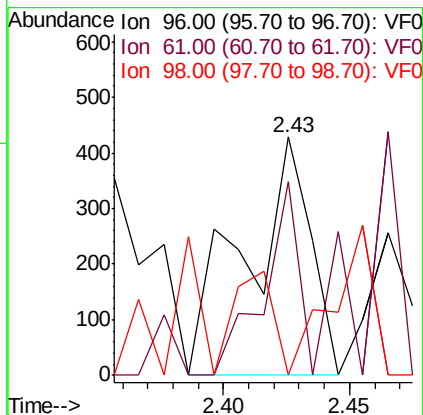
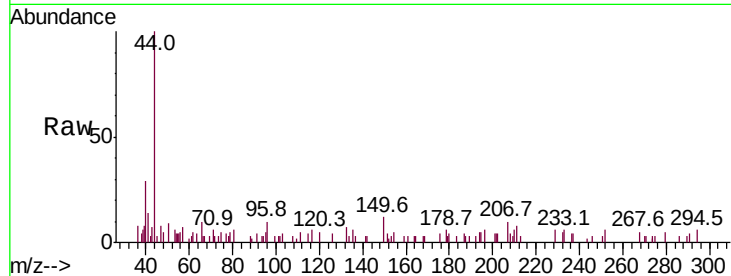
Tot Ion: 96 Resp: 773

Ion Ratio Lower Upper

96 100

61 81.5 105.0 157.6#

98 0.0 51.1 76.7#



#22

Diisopropyl ether

Concen: 2.417 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.02 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Tgt Ion: 45 Resp: 1065

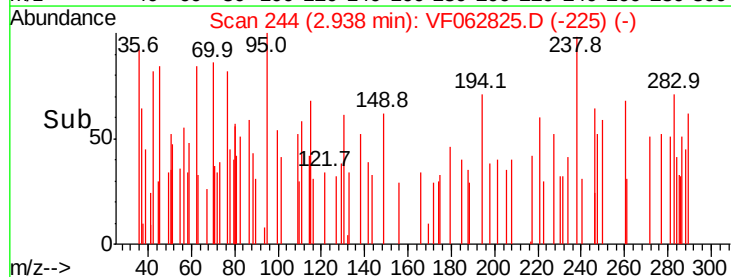
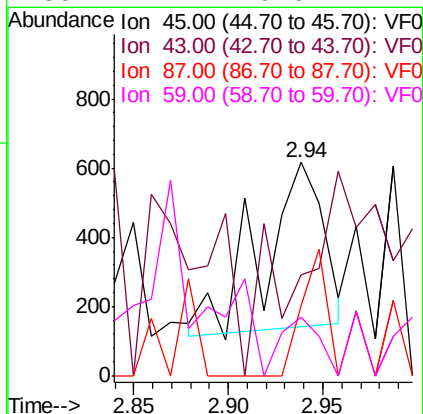
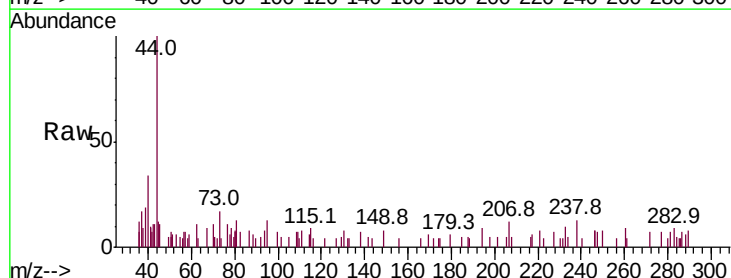
Ion Ratio Lower Upper

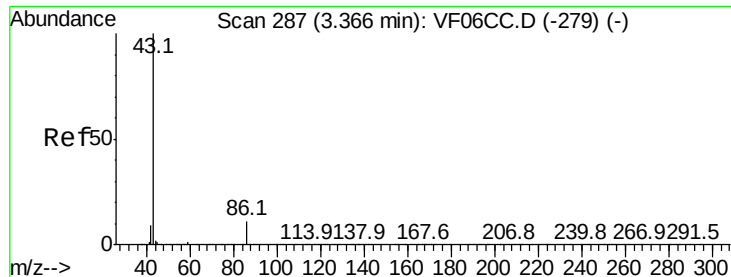
45 100

43 47.3 34.3 51.5

87 32.9 19.0 28.4#

59 27.2 9.6 14.4#





#23

Vinyl Acetate

Concen: 3.769 ug/l

RT: 3.37 min Scan# 288

Delta R.T. 0.00 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

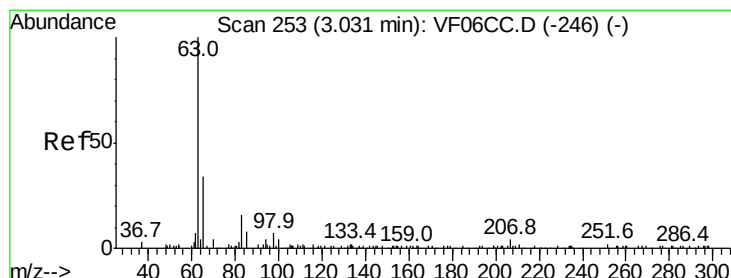
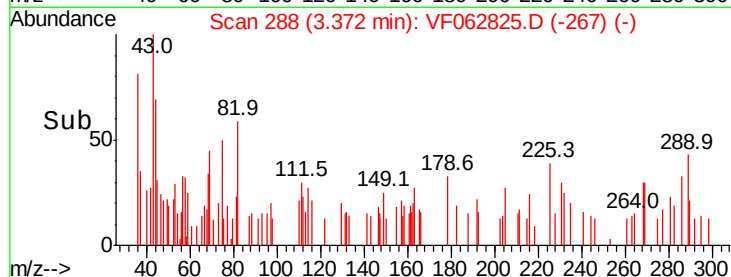
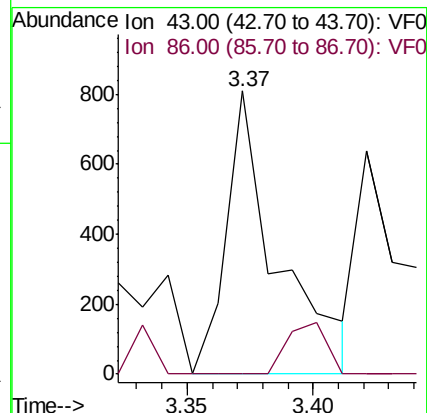
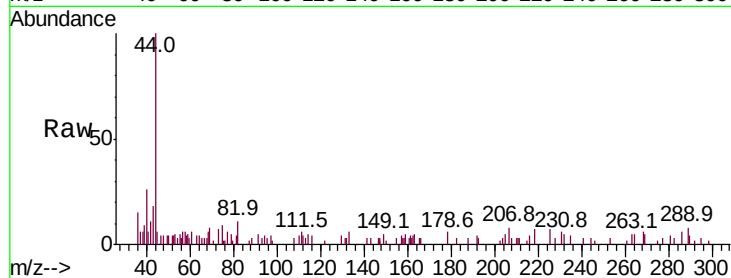
0440-PR-3(PASSAIC)RE

Tot Ion: 43 Resp: 1137

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#



#24

1,1-Dichloroethane

Concen: 1.079 ug/l

RT: 2.99 min Scan# 249

Delta R.T. -0.05 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

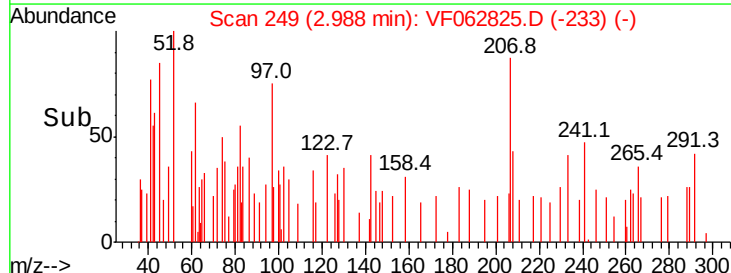
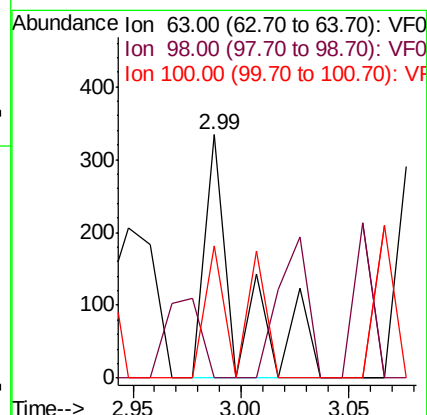
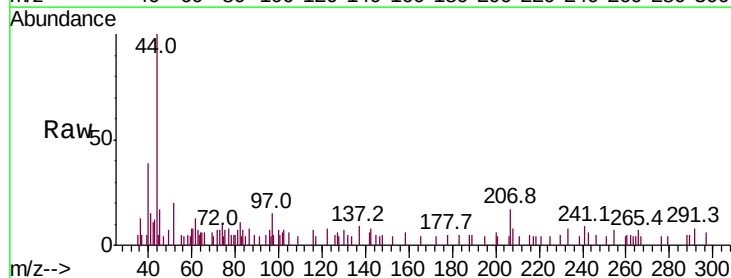
Tgt Ion: 63 Resp: 355

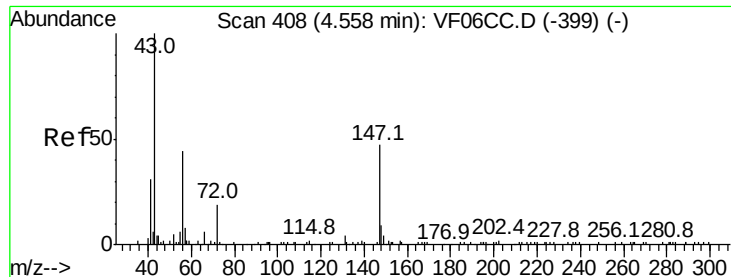
Ion Ratio Lower Upper

63 100

98 0.0 2.4 7.1#

100 98.8 1.5 4.5#





#25

2-Butanone

Concen: 19.711 ug/l

RT: 4.55 min Scan# 408

Delta R.T. 0.00 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

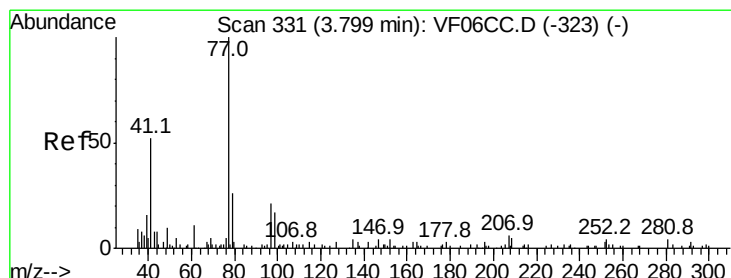
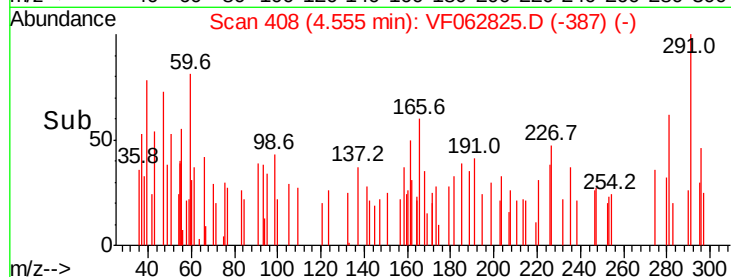
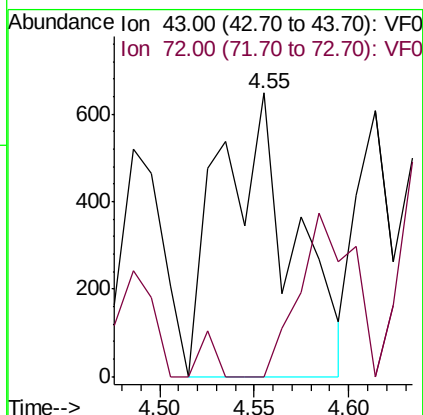
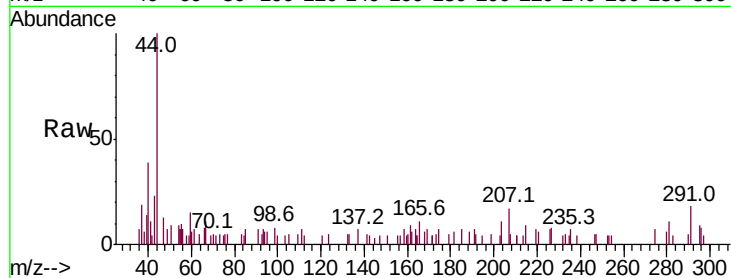
0440-PR-3(PASSAIC)RE

Tot Ion: 43 Resp: 1748

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.0#



#26

2,2-Dichloropropane

Concen: 4.839 ug/l

RT: 3.75 min Scan# 326

Delta R.T. -0.05 min

Lab File: VF062825.D

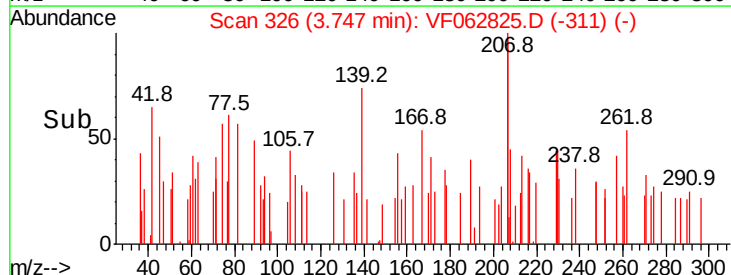
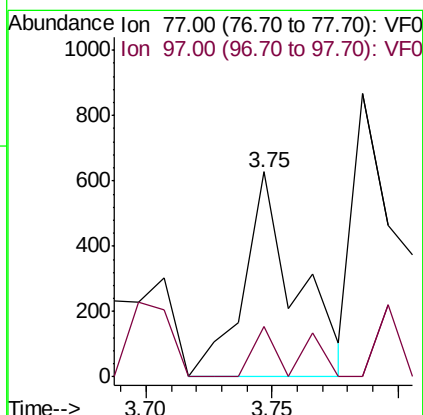
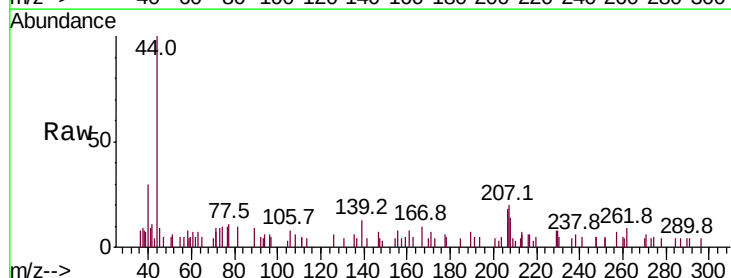
Acq: 3 Jun 2019 13:32

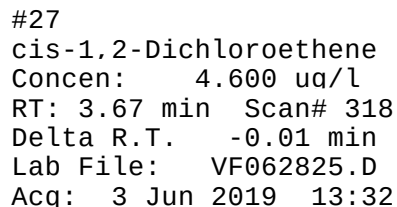
Tgt Ion: 77 Resp: 904

Ion Ratio Lower Upper

77 100

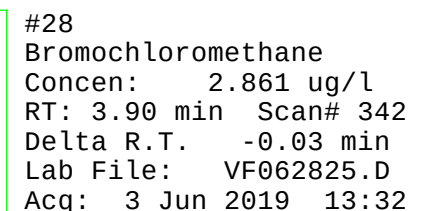
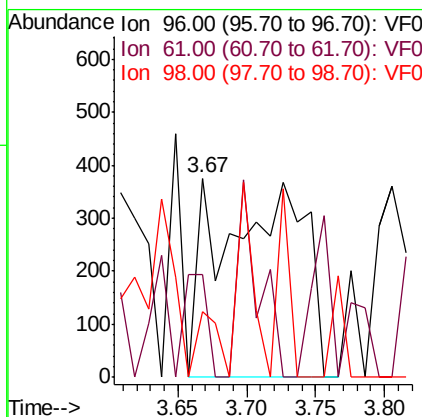
97 24.8 12.4 37.4



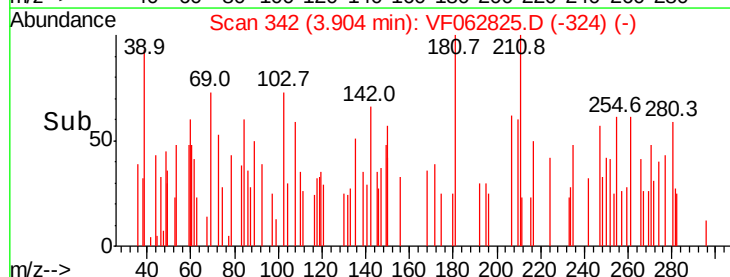
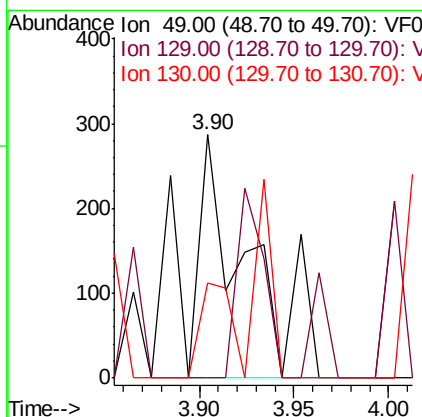


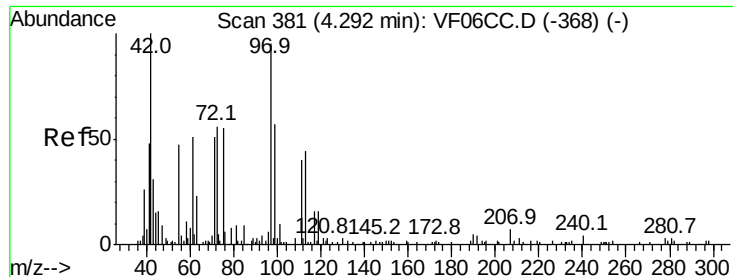
Instrument :
MSVOA_F
ClientSampleId :
0440-PR-3(PASSAIC)RE

Tqt	Ion: 96	Resp:	1550
Ion	Ratio	Lower	Upper
96	100		
61	51.6	0.0	213.8
98	63.0	0.0	127.0



Tgt	Ion: 49	Resp:	512
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	39.0	79.2	118.8#





#29

Tetrahydrofuran

Concen: 29.660 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.01 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

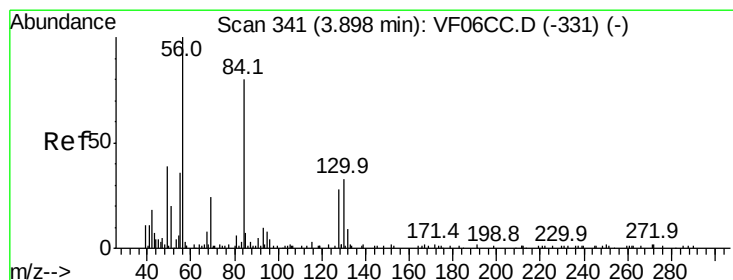
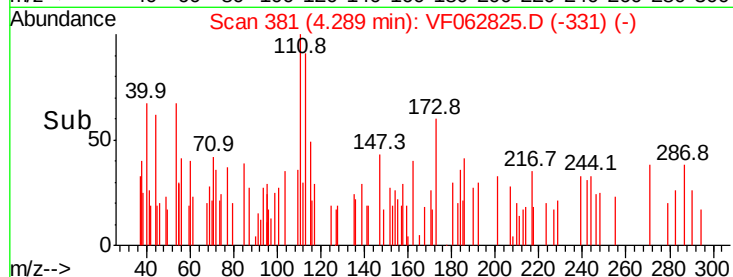
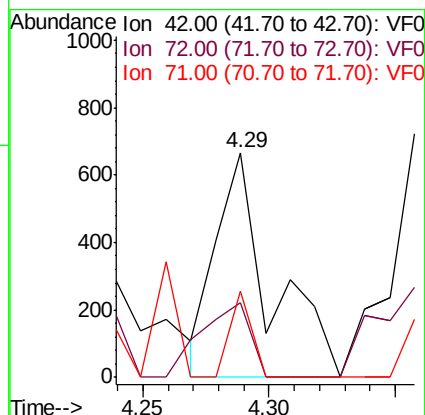
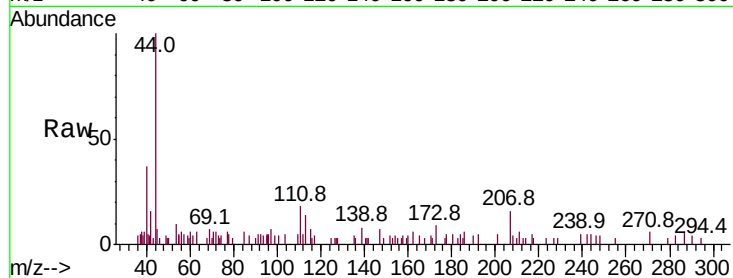
Tot Ion: 42 Resp: 1006

Ion Ratio Lower Upper

42 100

72 29.7 39.0 58.6#

71 15.0 36.9 55.3#



#31

Cyclohexane

Concen: 1.755 ug/l

RT: 3.86 min Scan# 338

Delta R.T. -0.04 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

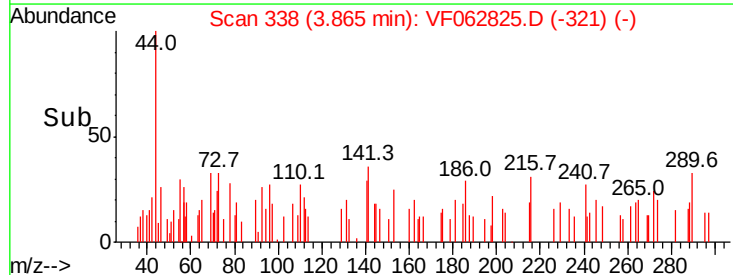
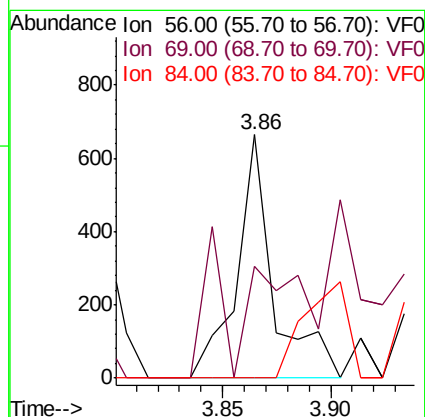
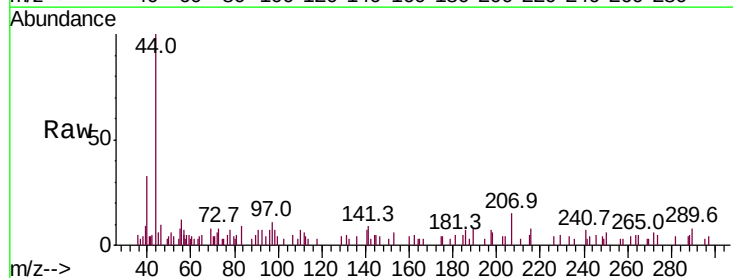
Tgt Ion: 56 Resp: 782

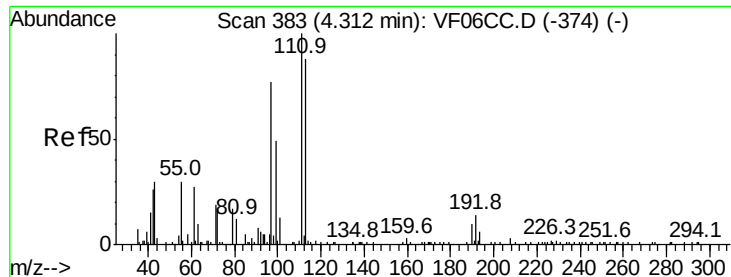
Ion Ratio Lower Upper

56 100

69 45.9 26.7 40.1#

84 0.0 74.3 111.5#





#32

1,1,1-Trichloroethane

Concen: 1.748 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

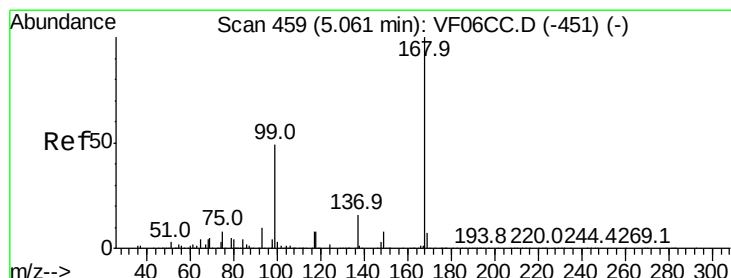
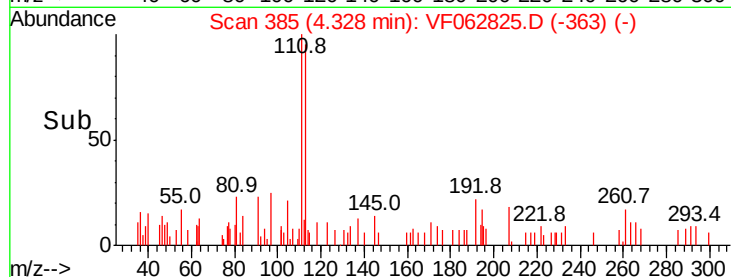
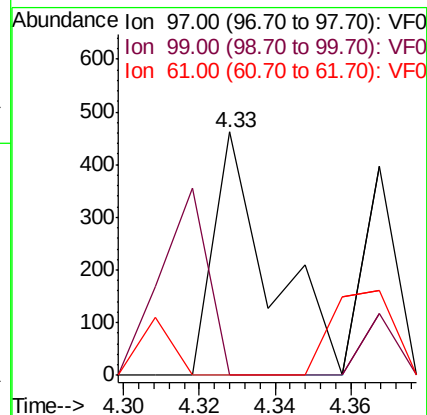
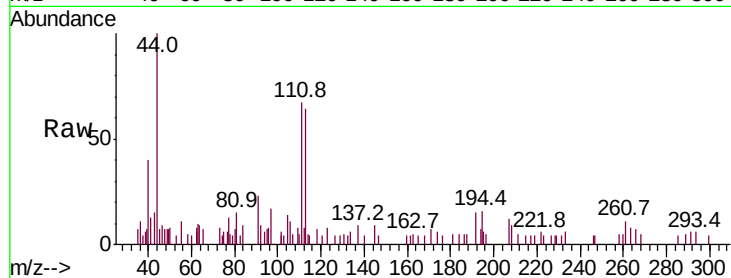
Tot Ion: 97 Resp: 472

Ion Ratio Lower Upper

97 100

99 0.0 51.7 77.5#

61 0.0 38.9 58.3#



#33

1,2-Dichloroethane-d4

Concen: 17.040 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.01 min

Lab File: VF062825.D

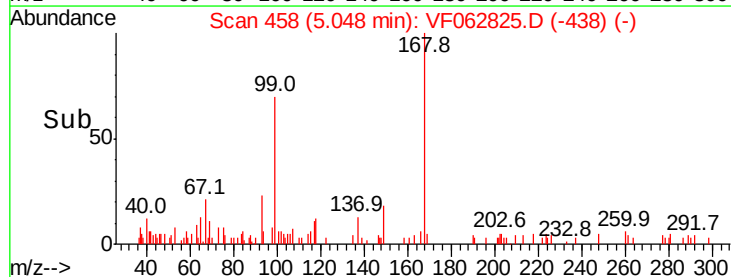
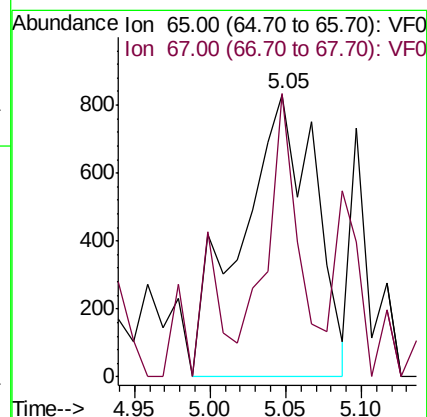
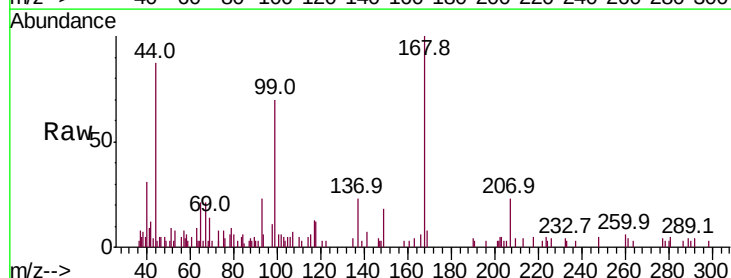
Acq: 3 Jun 2019 13:32

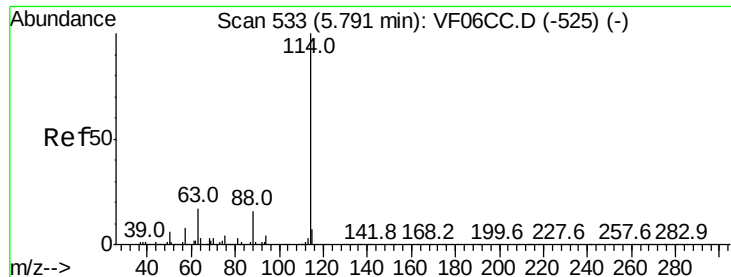
Tgt Ion: 65 Resp: 2835

Ion Ratio Lower Upper

65 100

67 100.2 0.0 121.2

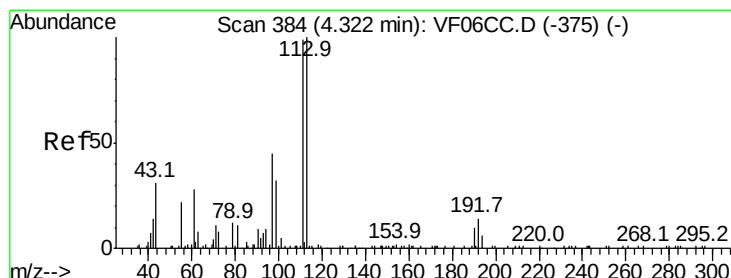
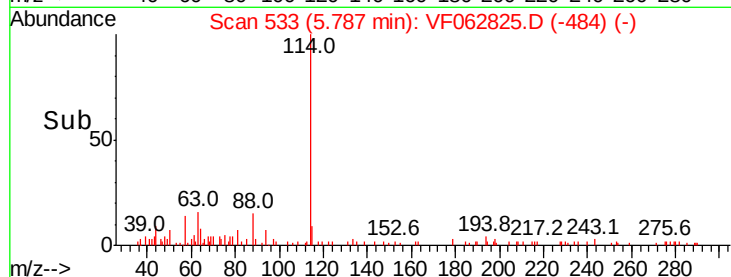
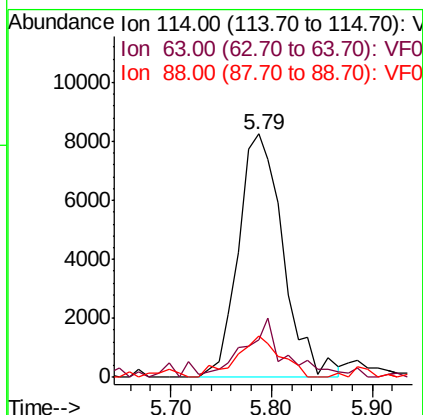
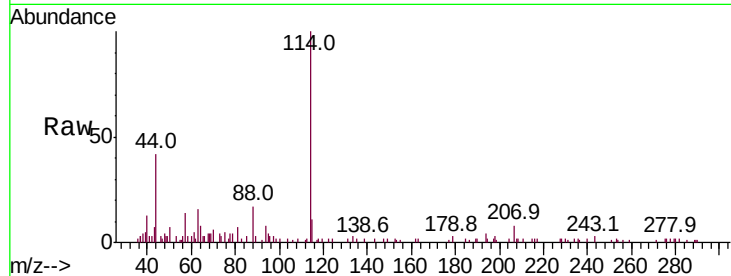




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 533
Delta R.T. -0.02 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

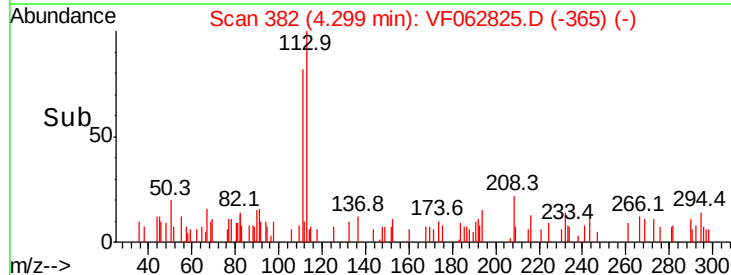
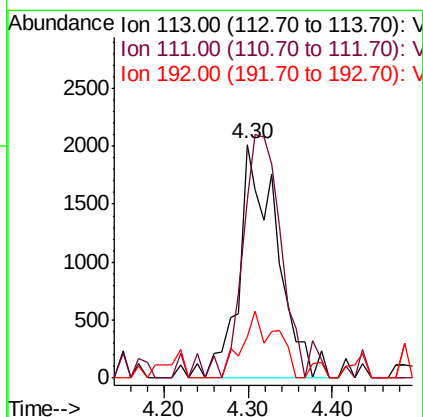
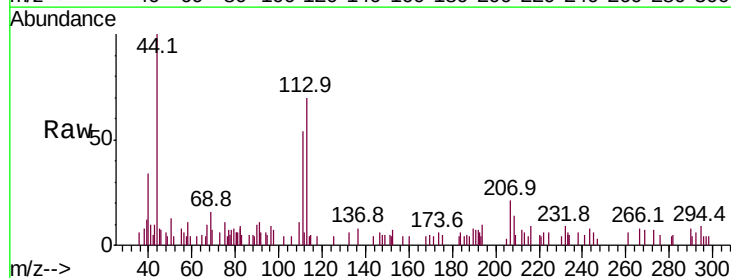
Instrument :
MSVOA_F
ClientSampleId :
0440-PR-3(PASSAIC)RE

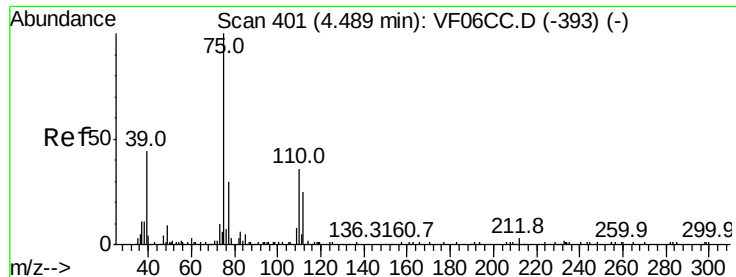
Tot Ion	114	Resp: Lower	25447 Upper
114	100		
63	15.6	0.0	34.2
88	17.1	0.0	31.2



#35
Dibromofluoromethane
Concen: 33.408 ug/l
RT: 4.30 min Scan# 382
Delta R.T. -0.04 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

Tgt Ion	113	Resp:	6424
Ion	Ratio	Lower	Upper
113	100		
111	76.6	81.9	122.9#
192	17.7	15.1	22.7





#36

1,1-Dichloropropene

Concen: 3.406 ug/l

RT: 4.44 min Scan# 396

Delta R.T. -0.06 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

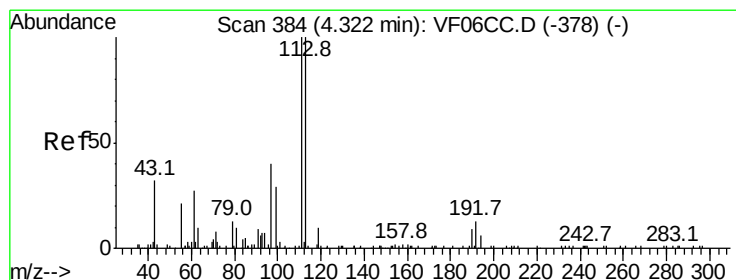
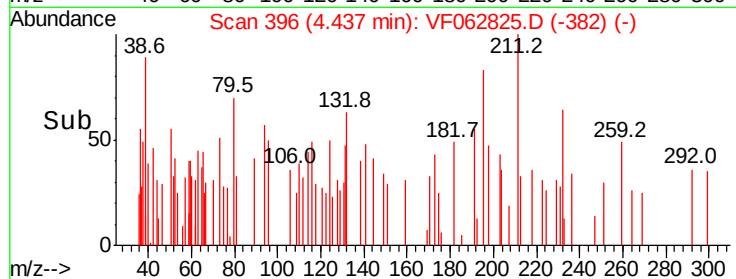
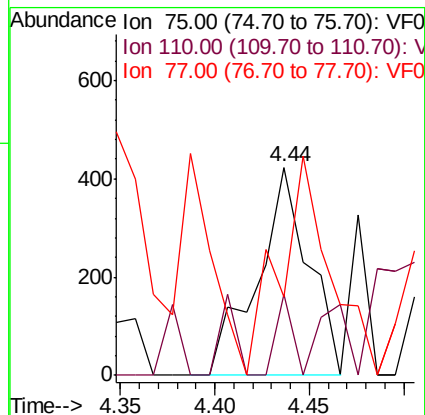
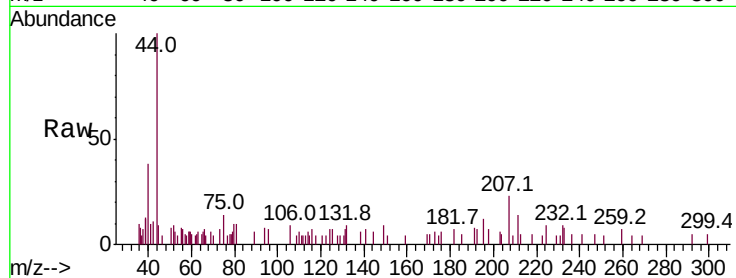
Tot Ion: 75 Resp: 798

Ion Ratio Lower Upper

75 100

110 39.0 19.4 58.1

77 37.8 25.4 38.2



#37

Ethyl Acetate

Concen: 4.712 ug/l

RT: 4.33 min Scan# 385

Delta R.T. -0.01 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

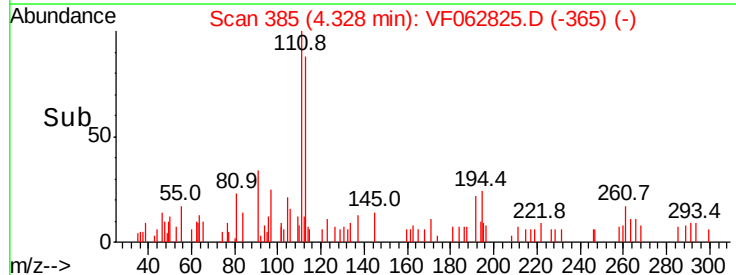
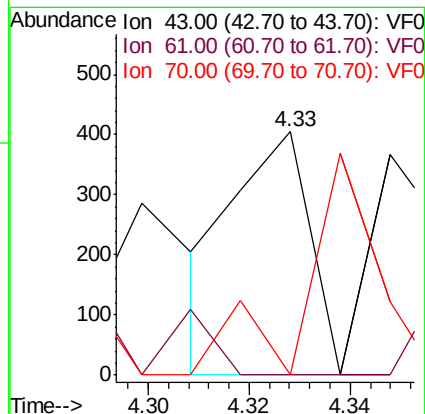
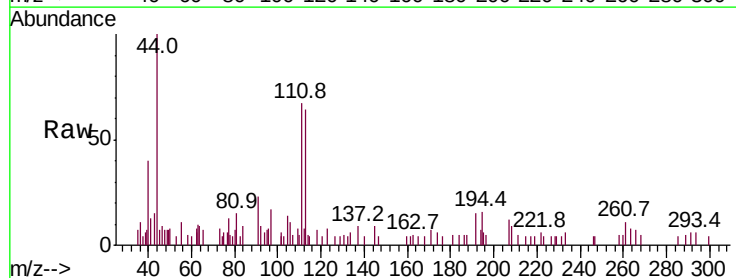
Tgt Ion: 43 Resp: 422

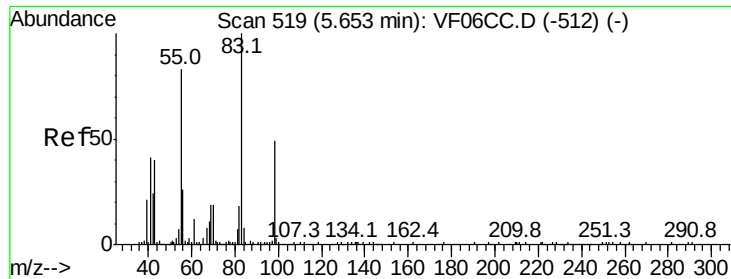
Ion Ratio Lower Upper

43 100

61 0.0 59.1 88.7#

70 0.0 10.1 15.1#

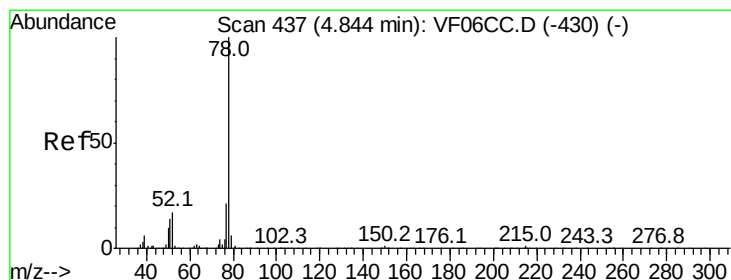
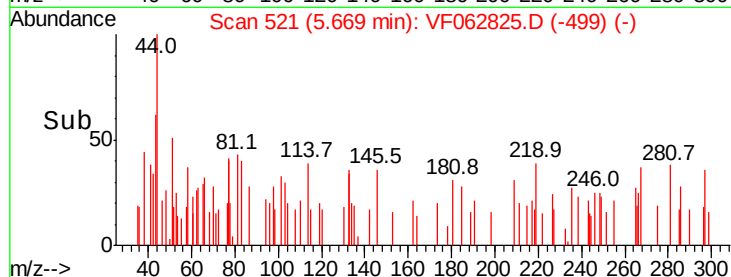
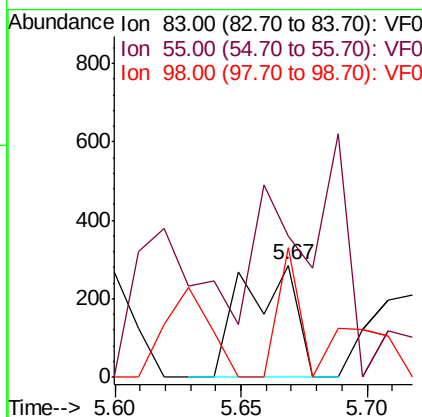
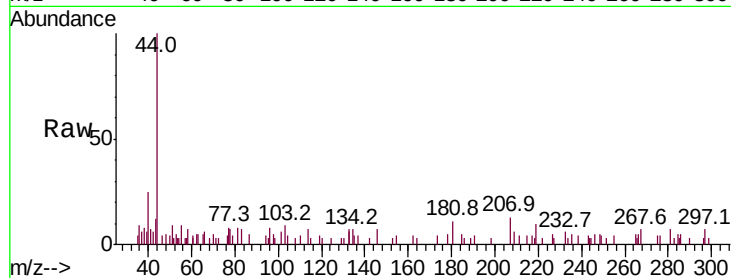




#39
Methylcyclohexane
Concen: 1.447 ug/l
RT: 5.67 min Scan# 521
Delta R.T. 0.01 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

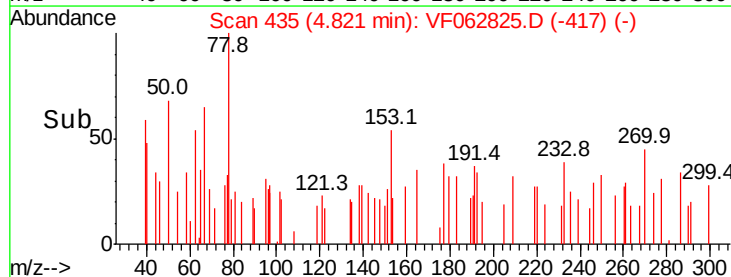
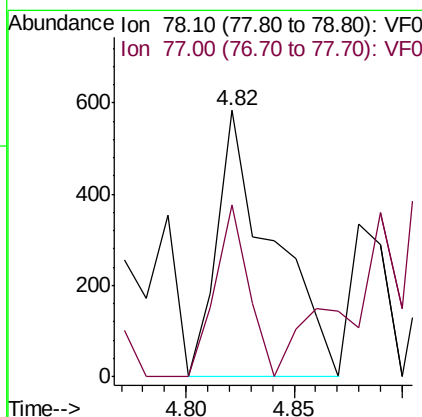
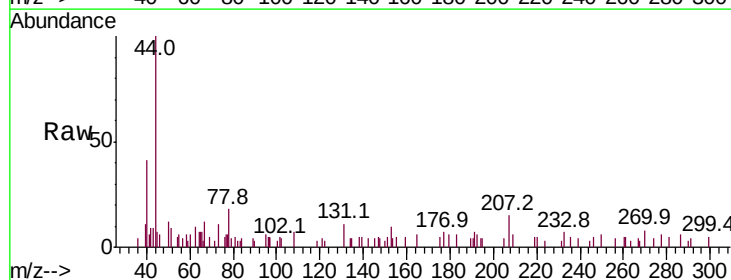
Instrument :
MSVOA_F
ClientSampleId :
0440-PR-3(PASSAIC)RE

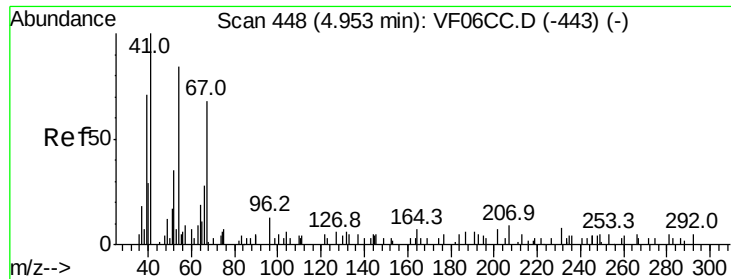
Tot Ion: 83 Resp: 422
Ion Ratio Lower Upper
83 100
55 125.9 61.6 92.4#
98 115.0 37.4 56.2#



#40
Benzene
Concen: 1.528 ug/l
RT: 4.82 min Scan# 435
Delta R.T. -0.03 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

Tgt Ion: 78 Resp: 1042
Ion Ratio Lower Upper
78 100
77 64.7 18.9 28.3#





#41

Methacrylonitrile

Concen: 16.873 ug/l

RT: 4.96 min Scan# 449

Delta R.T. 0.00 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

Tot Ion: 41 Resp: 840

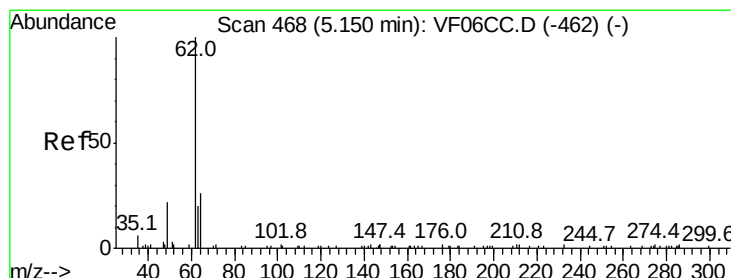
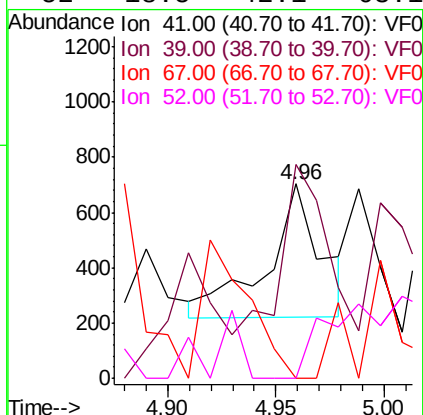
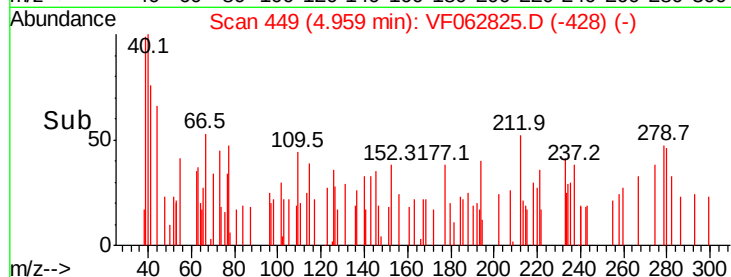
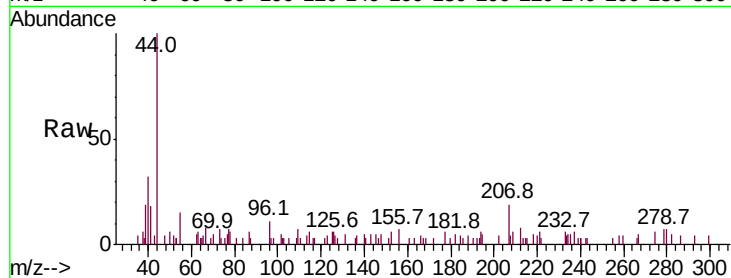
Ion Ratio Lower Upper

41 100

39 110.0 42.0 63.0#

67 0.0 61.4 92.0#

52 18.5 42.1 63.1#



#42

1,2-Dichloroethane

Concen: 1.920 ug/l

RT: 5.16 min Scan# 469

Delta R.T. 0.00 min

Lab File: VF062825.D

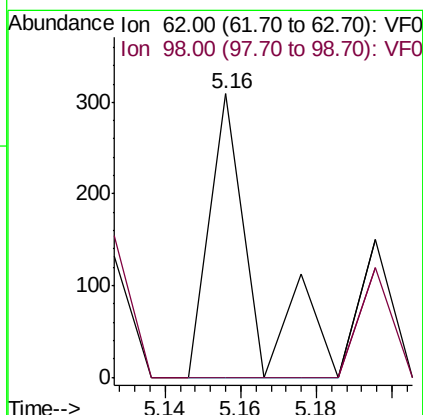
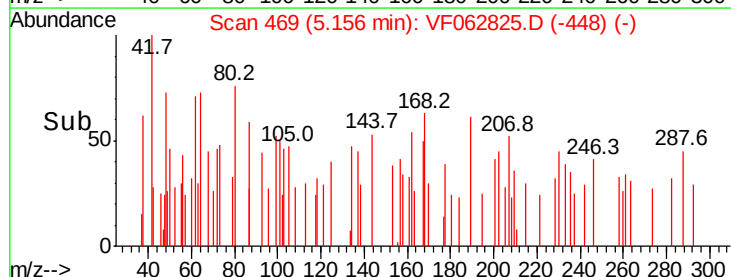
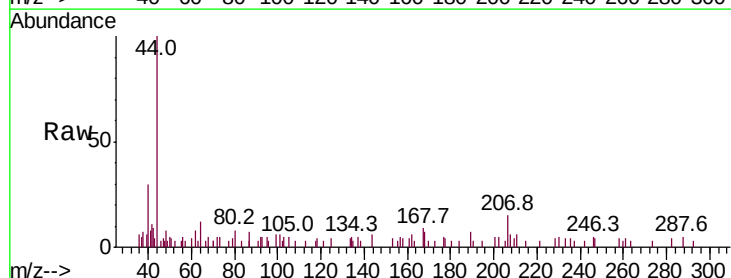
Acq: 3 Jun 2019 13:32

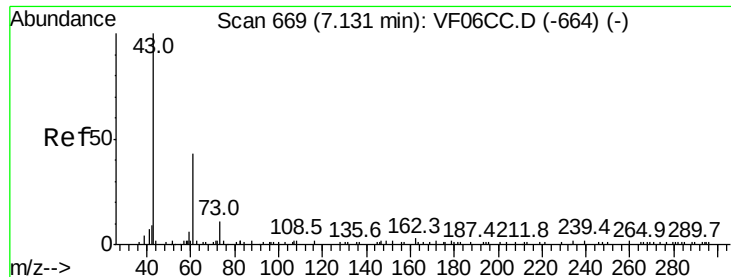
Tgt Ion: 62 Resp: 249

Ion Ratio Lower Upper

62 100

98 0.0 0.0 24.0





#43

Isopropyl Acetate

Concen: 12.705 ug/l

RT: 7.11 min Scan# 667

Delta R.T. -0.03 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

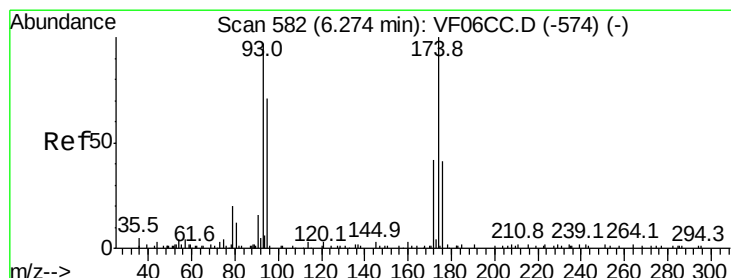
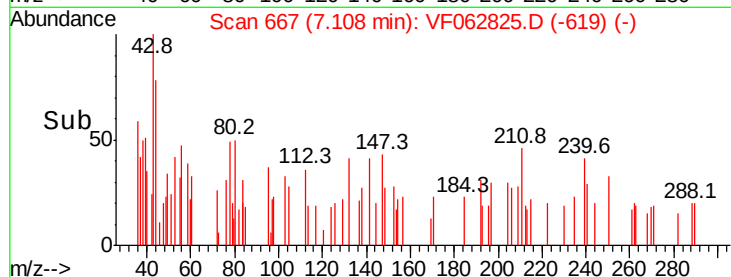
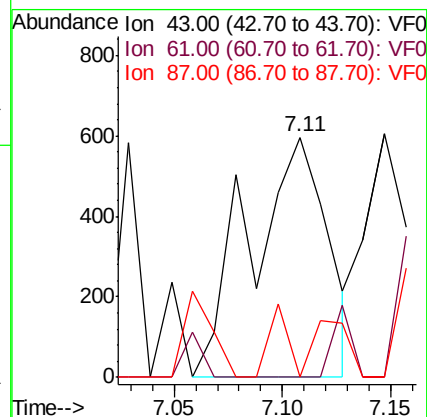
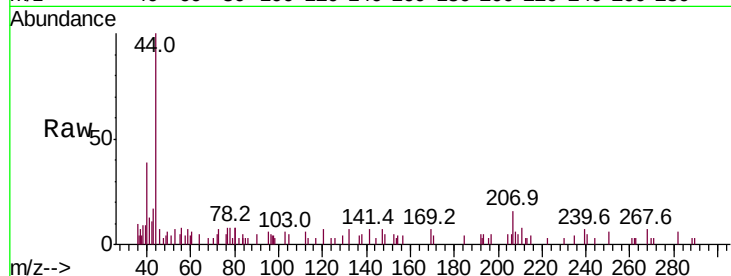
Tot Ion: 43 Resp: 1503

Ion Ratio Lower Upper

43 100

61 0.0 29.8 44.6#

87 0.0 0.3 0.5#



#46

Dibromomethane

Concen: 1.652 ug/l

RT: 6.27 min Scan# 582

Delta R.T. -0.02 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

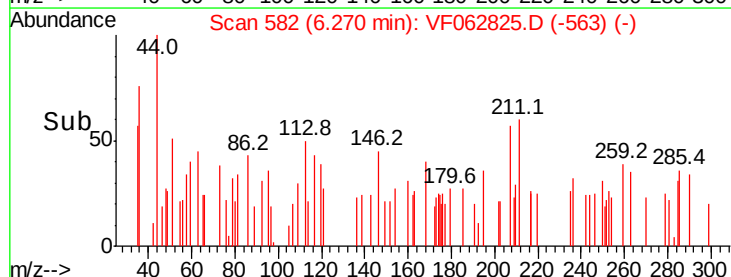
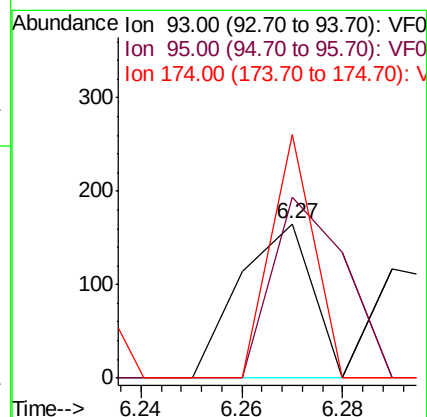
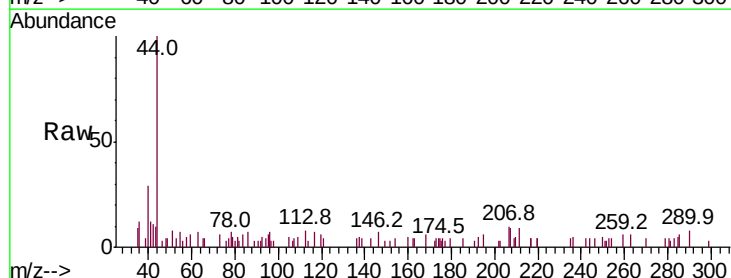
Tgt Ion: 93 Resp: 165

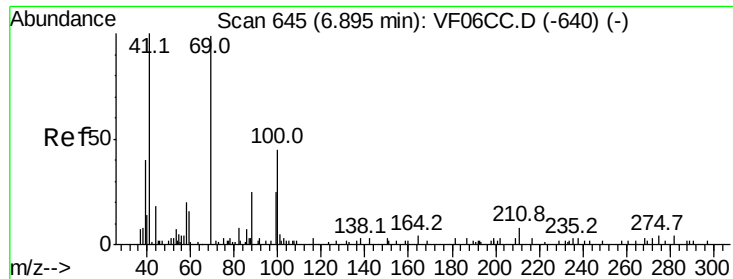
Ion Ratio Lower Upper

93 100

95 117.0 67.9 101.9#

174 158.2 85.0 127.4#

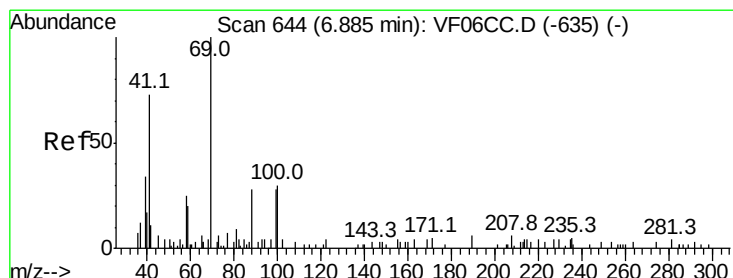
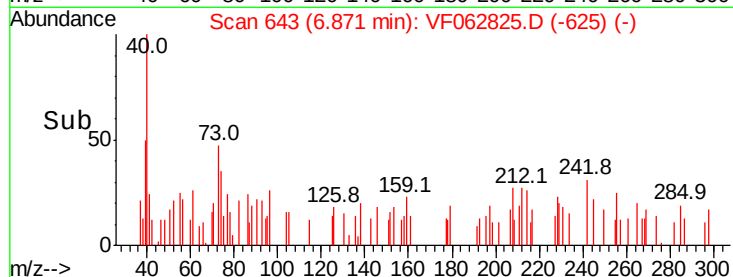
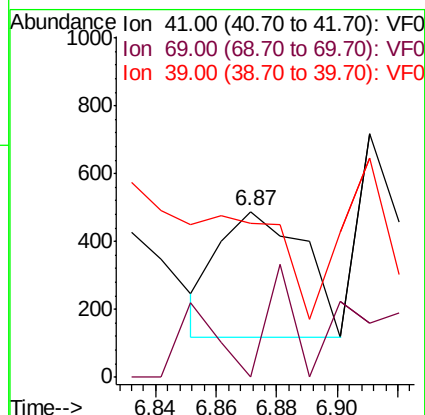
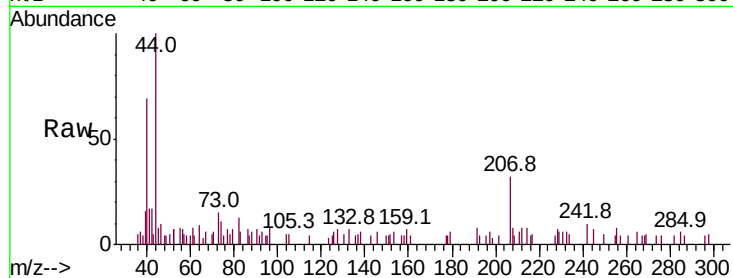




#48
Methyl methacrylate
Concen: 12.072 ug/l
RT: 6.87 min Scan# 643
Delta R.T. -0.03 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

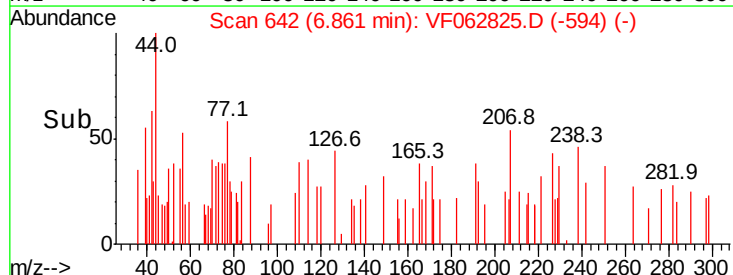
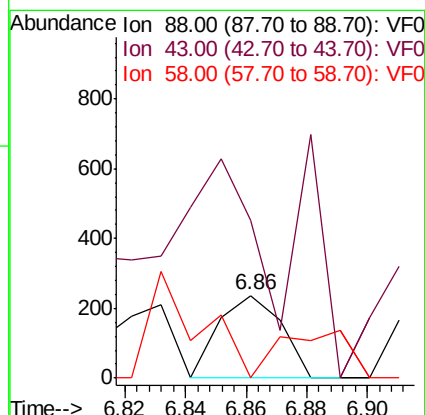
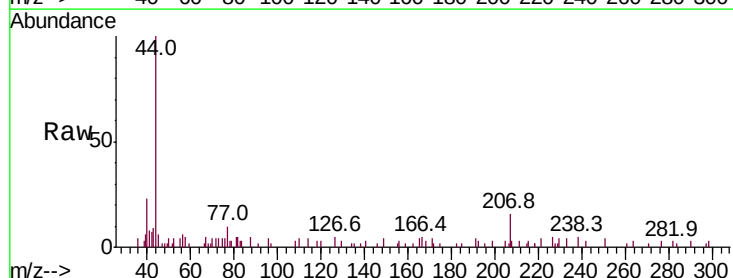
Instrument :
MSVOA_F
ClientSampleId :
0440-PR-3(PASSAIC)RE

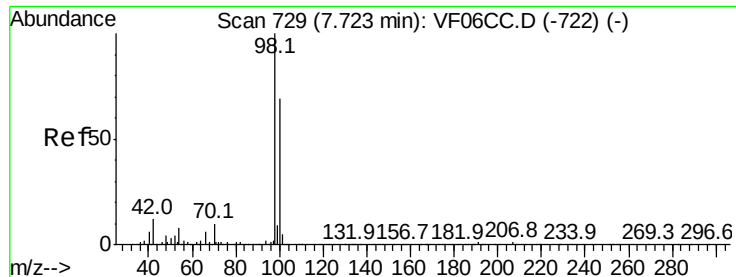
Tot Ion: 41 Resp: 736
Ion Ratio Lower Upper
41 100
69 0.0 79.4 119.2#
39 92.6 39.8 59.6#



#49
1,4-Dioxane
Concen: 425.584 ug/l
RT: 6.86 min Scan# 642
Delta R.T. -0.03 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

Tgt Ion: 88 Resp: 342
Ion Ratio Lower Upper
88 100
43 190.3 34.8 52.2#
58 0.0 59.9 89.9#





#50

Toluene-d8

Concen: 37.885 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.01 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

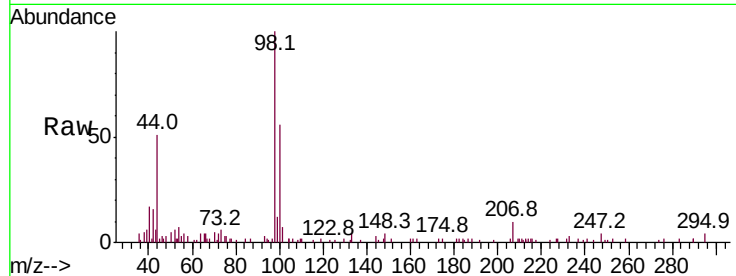
0440-PR-3(PASSAIC)RE

Tot Ion: 98 Resp: 18422

Ion Ratio Lower Upper

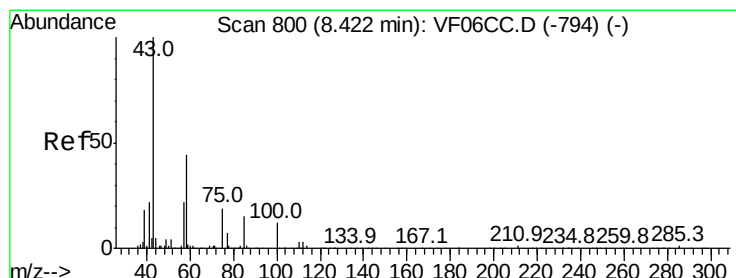
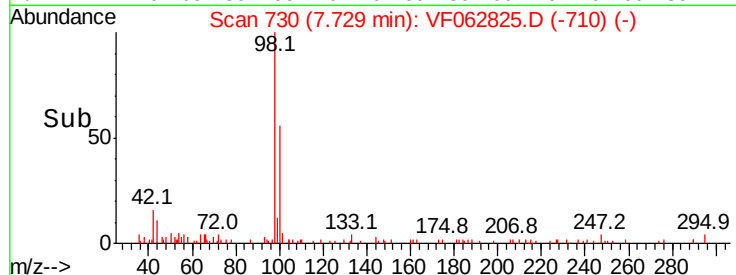
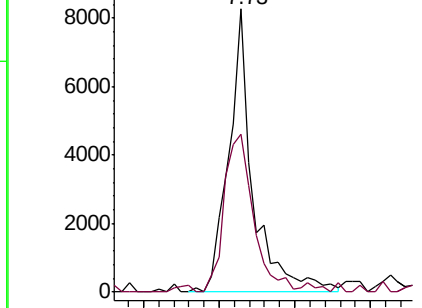
98 100

100 55.7 59.8 89.8#



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



#51

4-Methyl-2-Pentanone

Concen: 10.171 ug/l

RT: 8.39 min Scan# 797

Delta R.T. -0.04 min

Lab File: VF062825.D

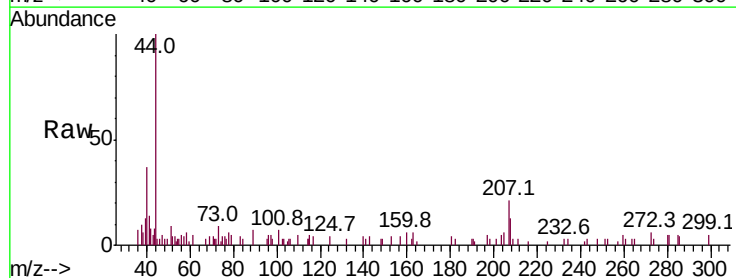
Acq: 3 Jun 2019 13:32

Tgt Ion: 43 Resp: 859

Ion Ratio Lower Upper

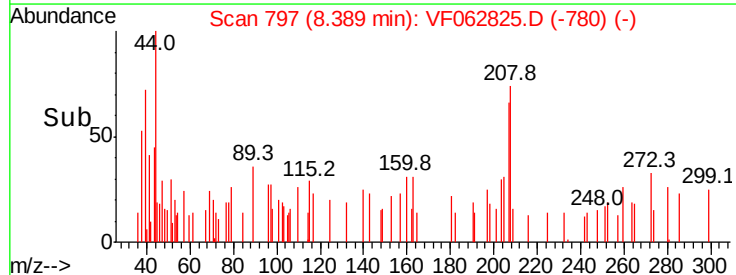
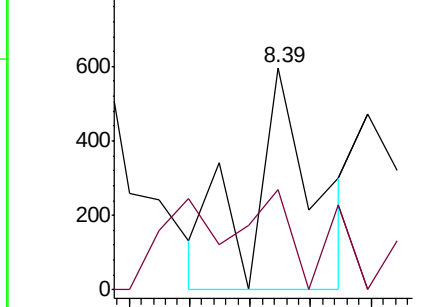
43 100

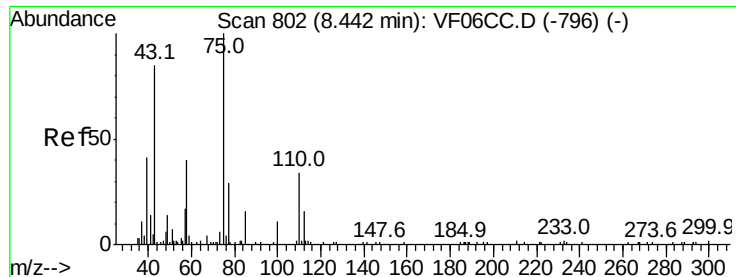
58 45.5 35.5 53.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

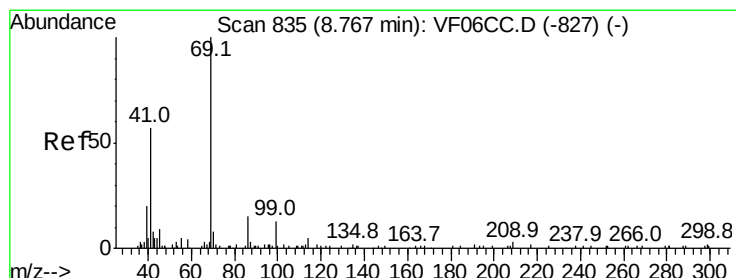
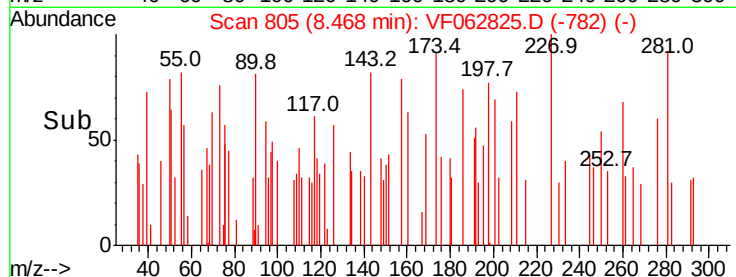
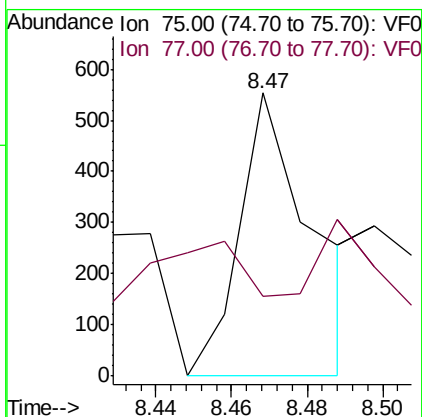
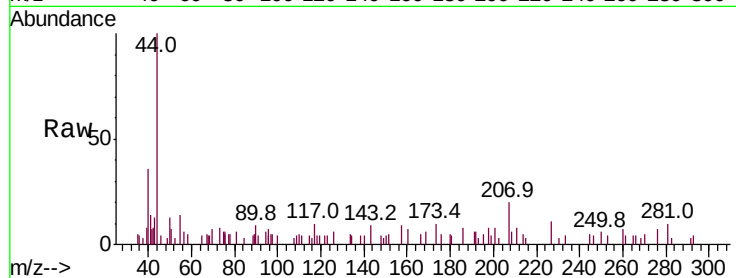




#53
t-1,3-Dichloropropene
Concen: 4.324 ug/l
RT: 8.47 min Scan# 805
Delta R.T. 0.02 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

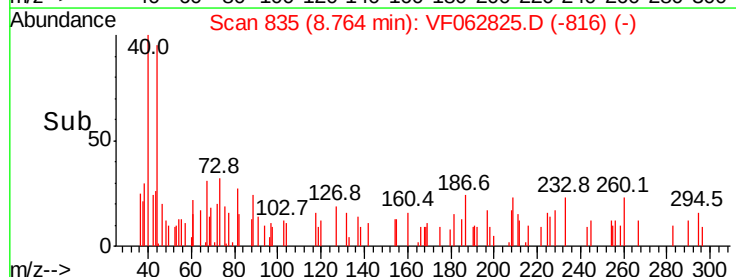
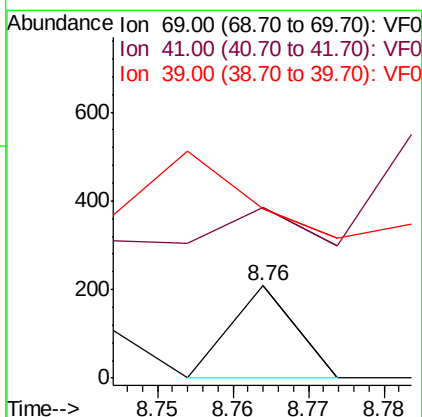
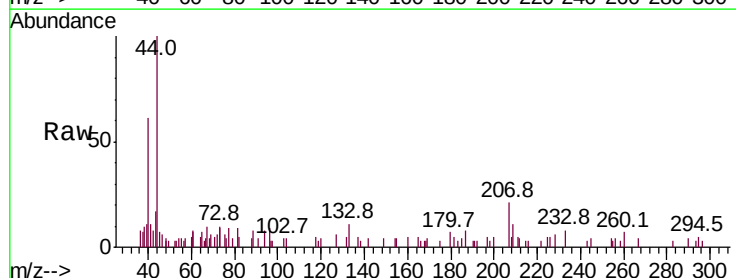
Instrument :
MSVOA_F
ClientSampleId :
0440-PR-3(PASSAIC)RE

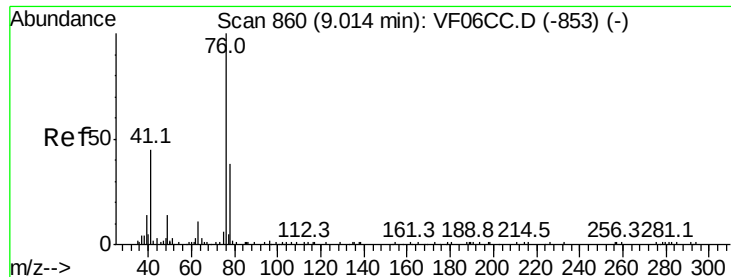
Tot Ion: 75 Resp: 729
Ion Ratio Lower Upper
75 100
77 28.2 25.7 38.5



#56
Ethyl methacrylate
Concen: 1.045 ug/l
RT: 8.76 min Scan# 835
Delta R.T. -0.02 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

Tgt Ion: 69 Resp: 123
Ion Ratio Lower Upper
69 100
41 185.1 46.6 69.8#
39 184.1 19.6 29.4#

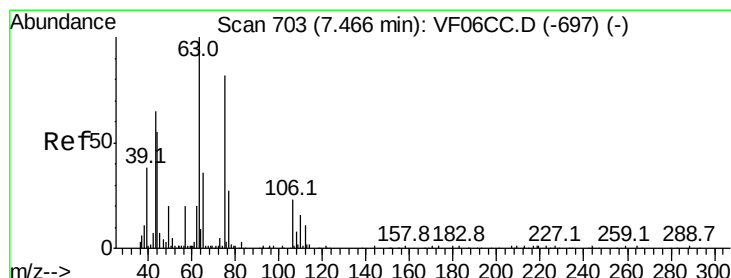
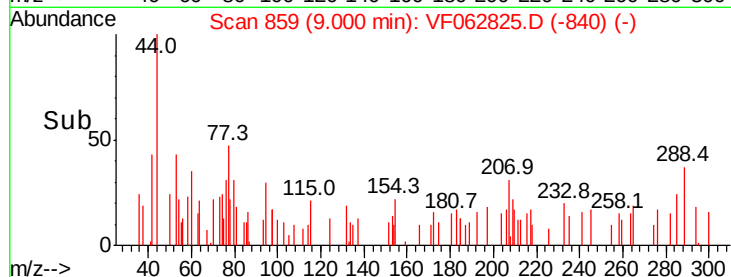
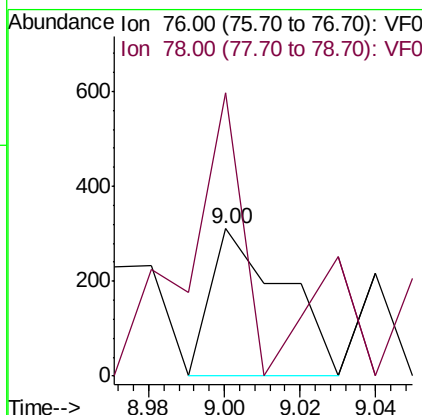
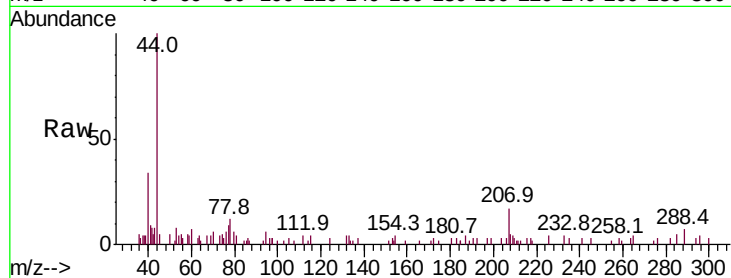




#57
 1,3-Dichloropropane
 Concen: 2.311 ug/l
 RT: 9.00 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VF062825.D
 Acq: 3 Jun 2019 13:32

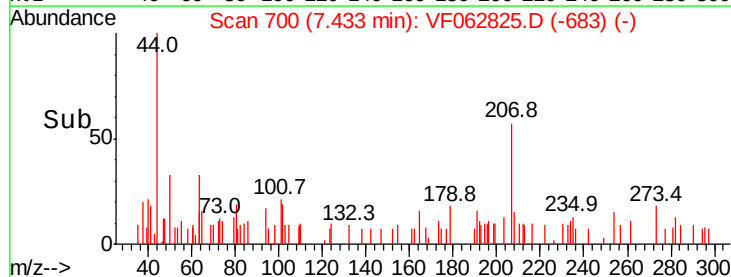
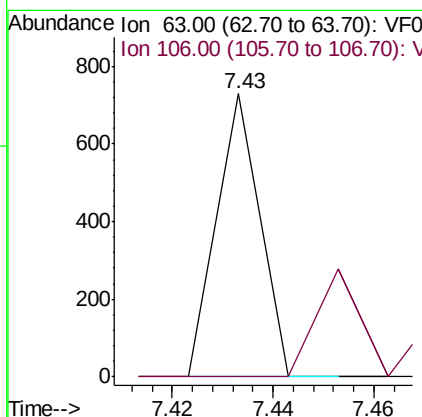
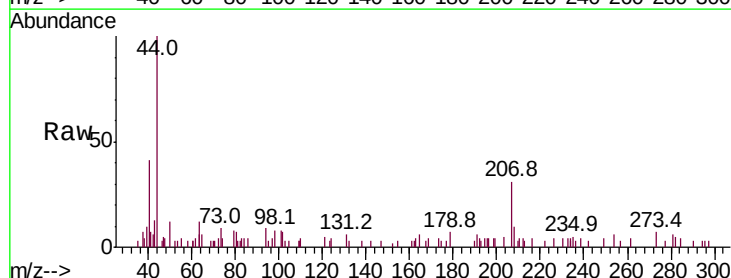
Instrument :
 MSVOA_F
 ClientSampleId :
 0440-PR-3(PASSAIC)RE

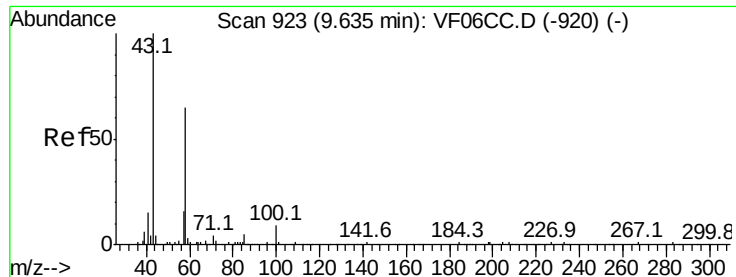
Tot Ion: 76 Resp: 414
 Ion Ratio Lower Upper
 76 100
 78 192.6 26.8 40.2#



#58
 2-Chloroethyl Vinyl ether
 Concen: 10.477 ug/l
 RT: 7.43 min Scan# 700
 Delta R.T. -0.04 min
 Lab File: VF062825.D
 Acq: 3 Jun 2019 13:32

Tgt Ion: 63 Resp: 431
 Ion Ratio Lower Upper
 63 100
 106 0.0 19.5 29.3#

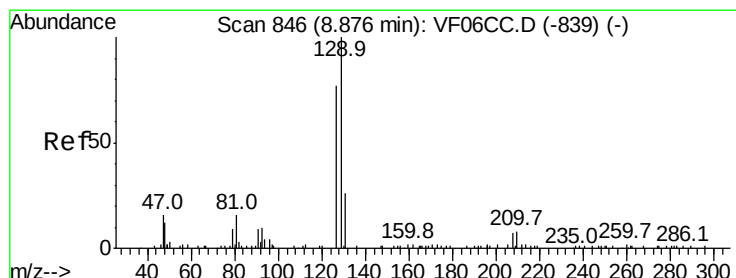
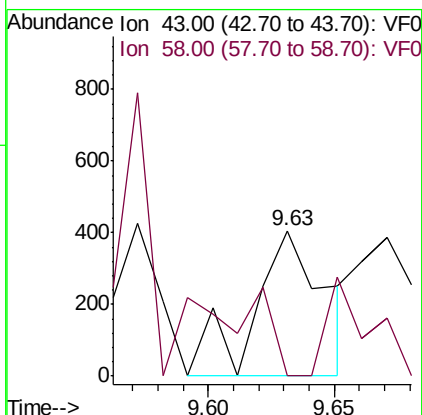
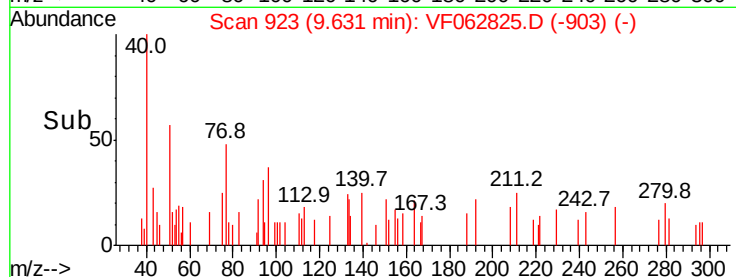
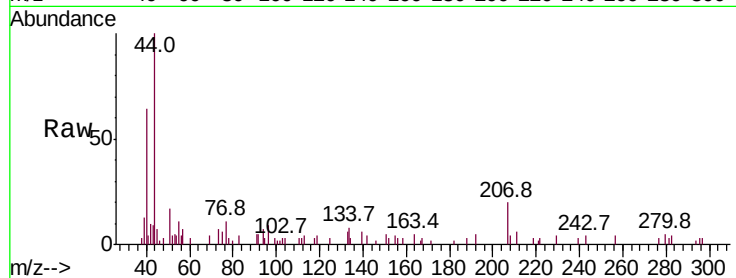




#59
2-Hexanone
Concen: 13.206 ug/l
RT: 9.63 min Scan# 923
Delta R.T. -0.01 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

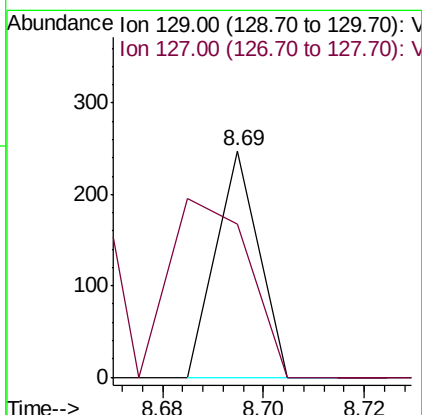
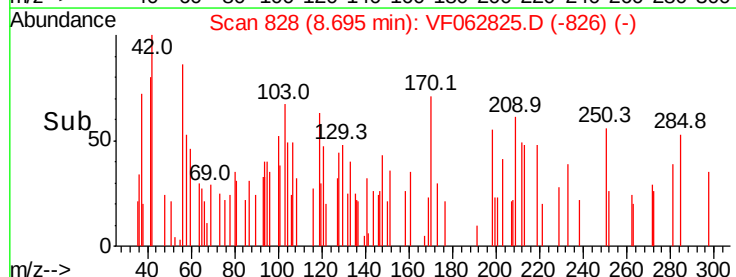
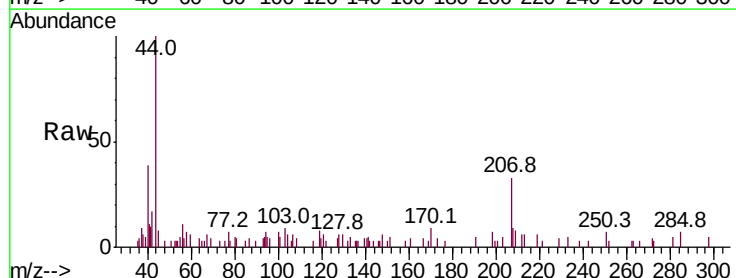
Instrument :
MSVOA_F
ClientSampleId :
0440-PR-3(PASSAIC)RE

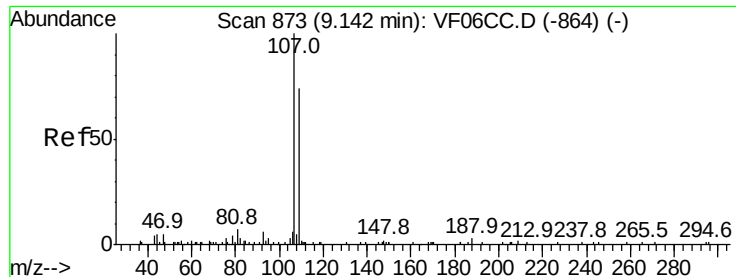
Tot Ion: 43 Resp: 795
Ion Ratio Lower Upper
43 100
58 0.0 29.3 87.9#



#60
Dibromochloromethane
Concen: 1.082 ug/l
RT: 8.69 min Scan# 828
Delta R.T. -0.18 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

Tgt Ion:129 Resp: 147
Ion Ratio Lower Upper
129 100
127 67.3 37.1 111.3





#61

1,2-Dibromoethane

Concen: 2.194 ug/l

RT: 9.20 min Scan# 879

Delta R.T. 0.04 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

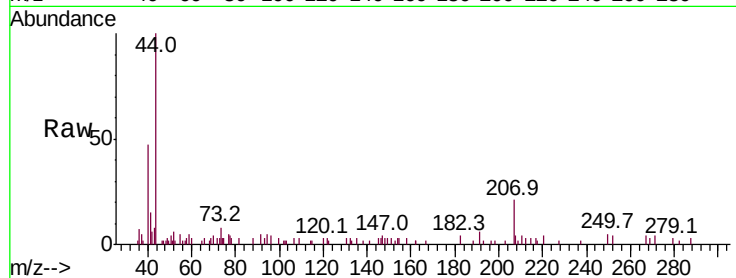
0440-PR-3(PASSAIC)RE

Tot Ion:107 Resp: 250

Ion Ratio Lower Upper

107 100

109 84.3 78.1 117.1



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

300

250

200

150

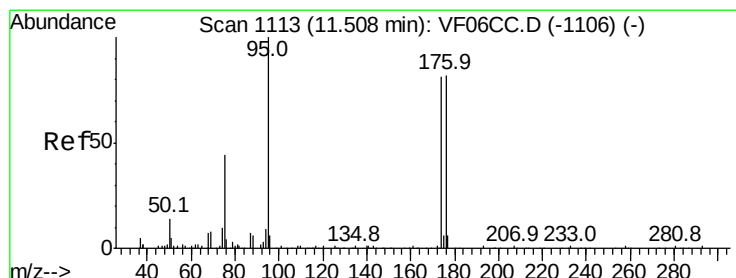
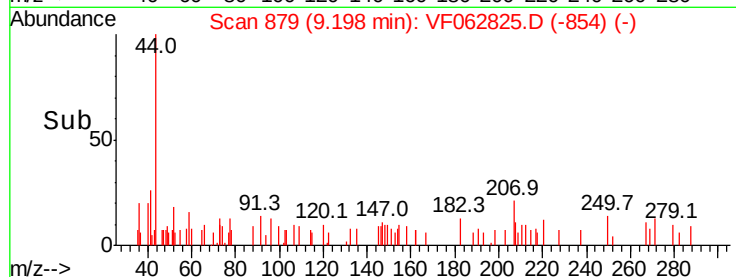
100

50

0

9.16 9.18 9.20 9.22

Time-->



#62

4-Bromofluorobenzene

Concen: 1.532 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. -0.05 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

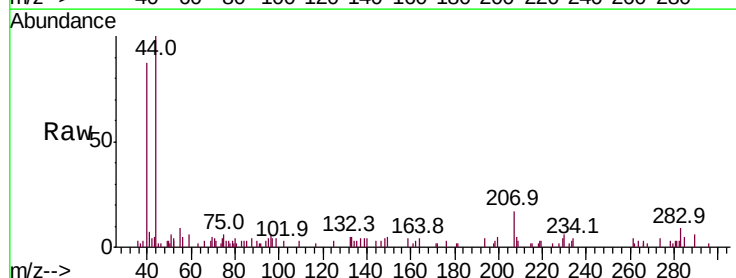
Tgt Ion: 95 Resp: 268

Ion Ratio Lower Upper

95 100

174 0.0 0.0 170.6

176 71.1 0.0 170.6



Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

1200

1000

800

600

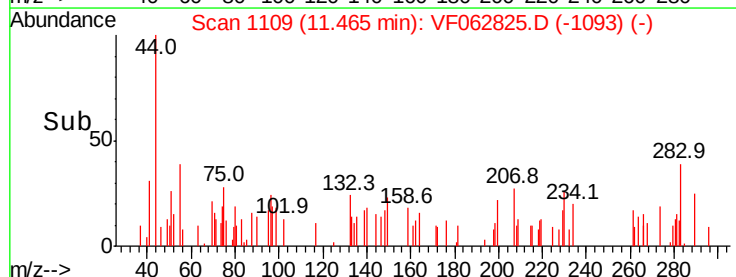
400

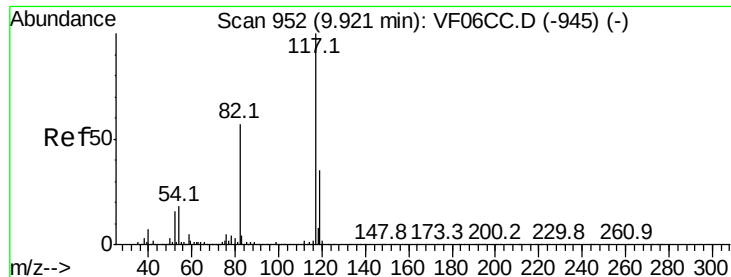
200

0

11.44 11.46 11.48

Time-->

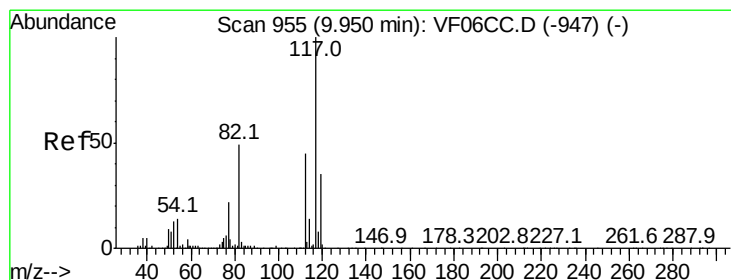
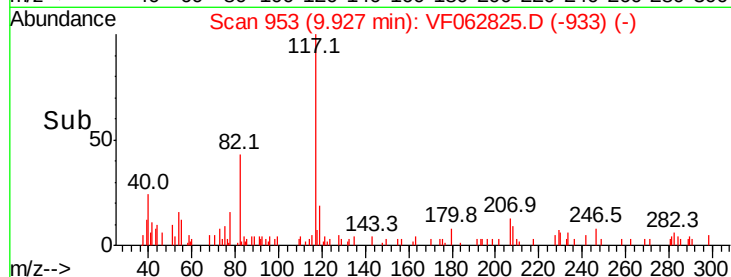
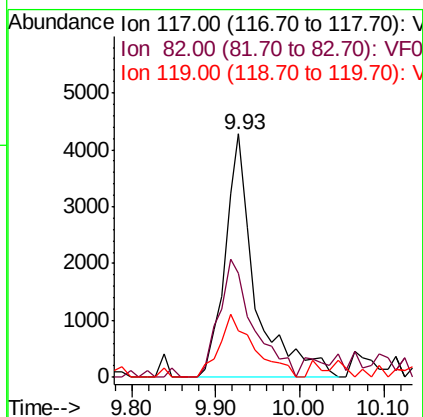
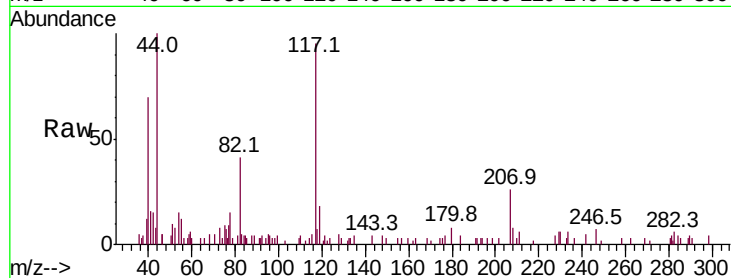




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 953
Delta R.T. -0.01 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

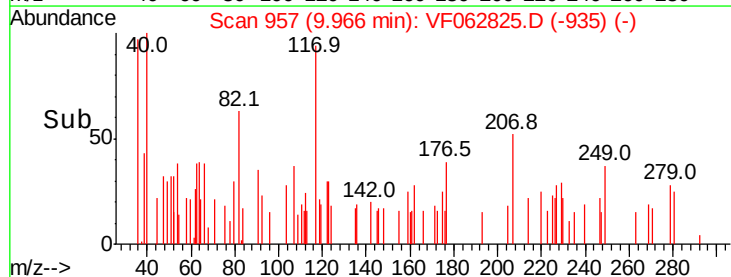
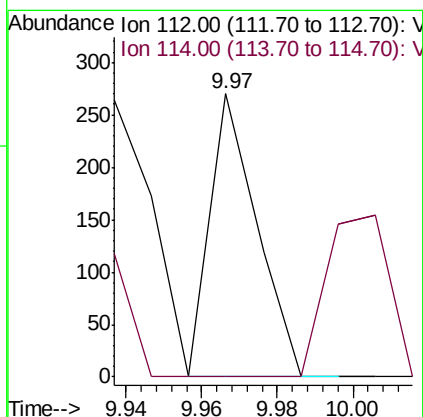
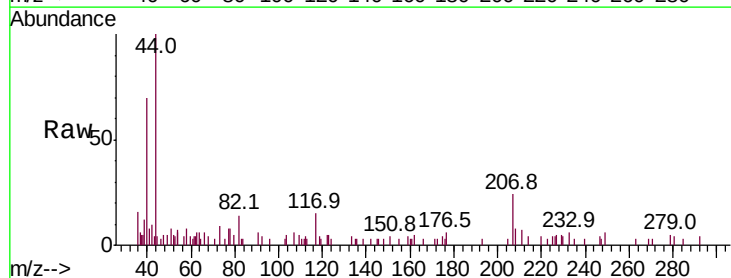
Instrument :
MSVOA_F
ClientSampleId :
0440-PR-3(PASSAIC)RE

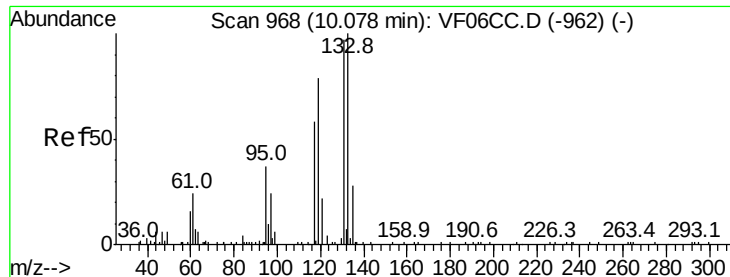
Tot Ion:117 Resp: 10612
Ion Ratio Lower Upper
117 100
82 48.7 42.4 63.6
119 19.3 27.1 40.7#



#65
Chlorobenzene
Concen: 1.122 ug/l
RT: 9.97 min Scan# 957
Delta R.T. 0.01 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

Tgt Ion:112 Resp: 230
Ion Ratio Lower Upper
112 100
114 0.0 27.4 41.0#





#66

1,1,1,2-Tetrachloroethane

Concen: 4.068 ug/l

RT: 10.09 min Scan# 970

Delta R.T. 0.01 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

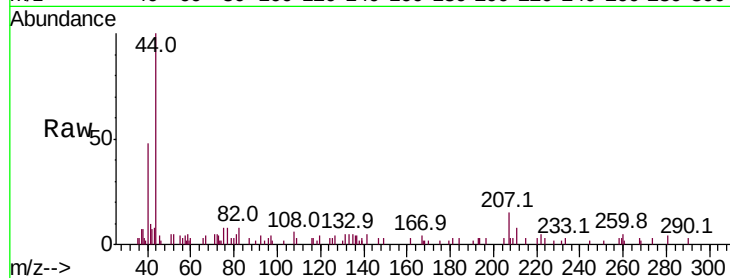
Tot Ion:131 Resp: 332

Ion Ratio Lower Upper

131 100

133 102.4 48.9 146.7

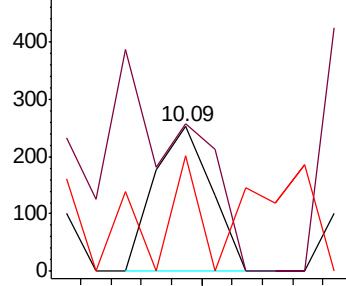
119 79.8 38.0 114.0



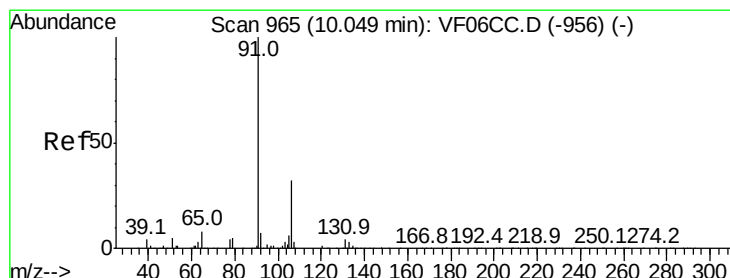
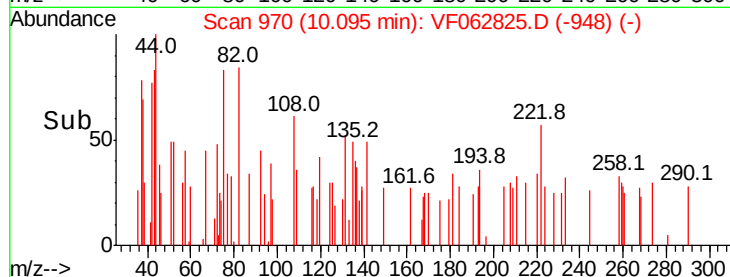
Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



Time-->



#67

Ethyl Benzene

Concen: 2.730 ug/l

RT: 10.03 min Scan# 963

Delta R.T. -0.03 min

Lab File: VF062825.D

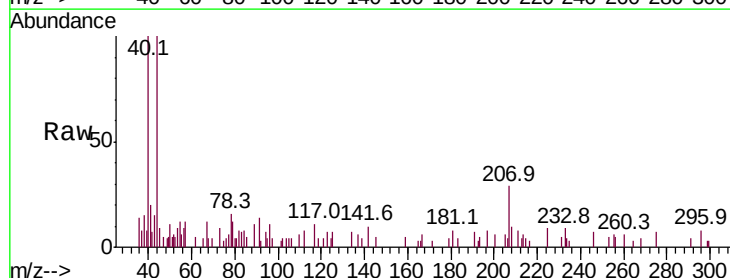
Acq: 3 Jun 2019 13:32

Tgt Ion: 91 Resp: 960

Ion Ratio Lower Upper

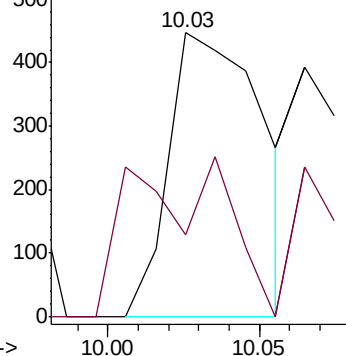
91 100

106 28.6 26.0 39.0

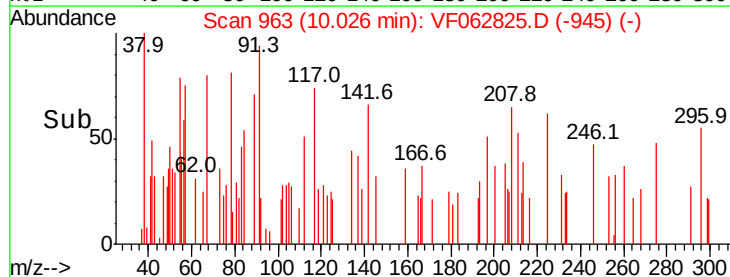


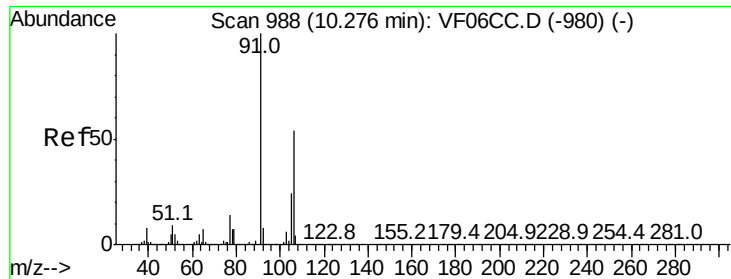
Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



Time-->

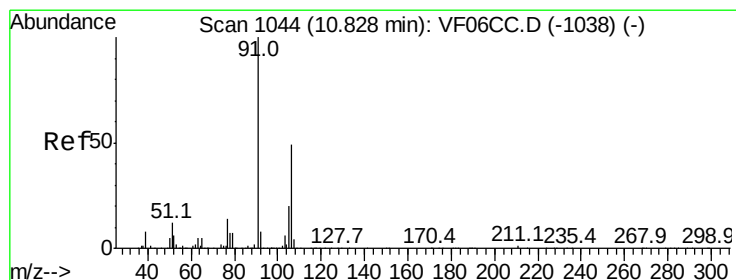
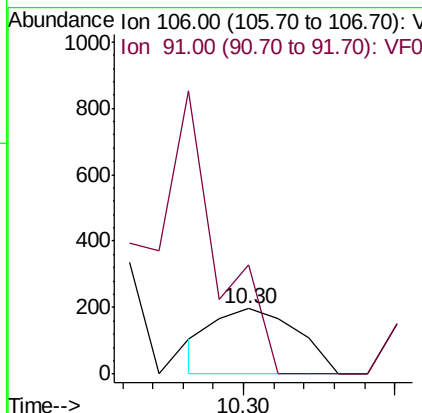
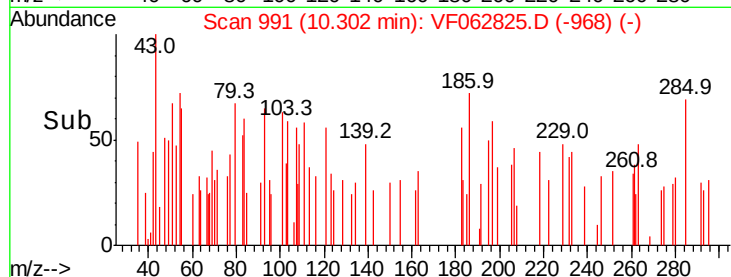
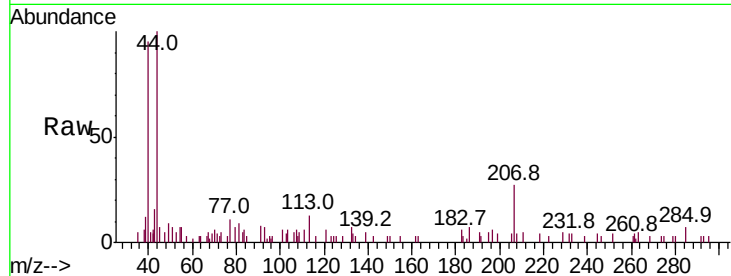




#68
m/p-Xylenes
Concen: 2.801 ug/l
RT: 10.30 min Scan# 991
Delta R.T. 0.02 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

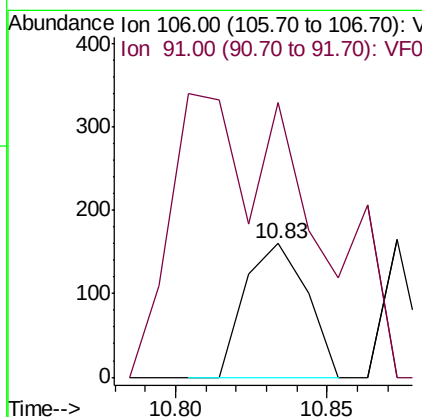
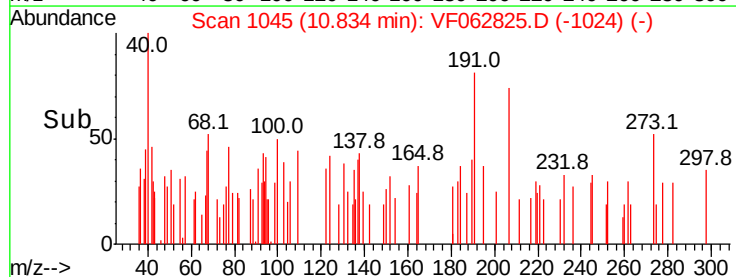
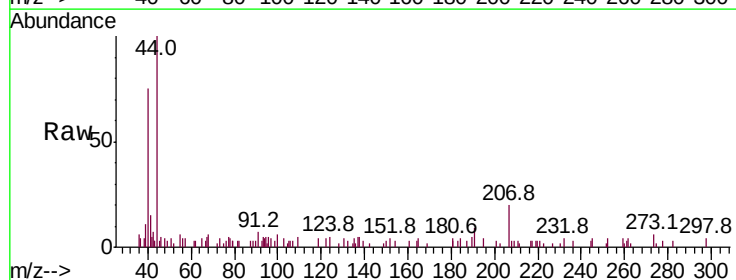
Instrument :
MSVOA_F
ClientSampleId :
0440-PR-3(PASSAIC)RE

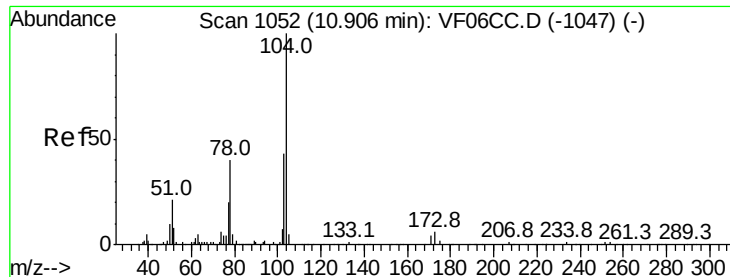
Tot Ion:106 Resp: 377
Ion Ratio Lower Upper
106 100
91 166.5 136.2 204.4



#69
o-Xylene
Concen: 1.673 ug/l
RT: 10.83 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

Tgt Ion:106 Resp: 228
Ion Ratio Lower Upper
106 100
91 206.3 96.6 289.8





#70

Stvrene

Concen: 2.256 ug/l

RT: 10.88 min Scan# 1050

Delta R.T. -0.03 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

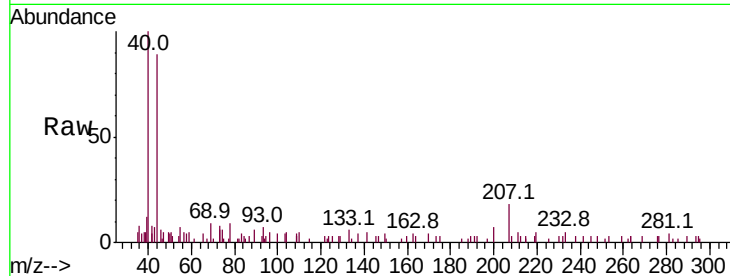
Tot Ion:104 Resp: 453

Ion Ratio Lower Upper

104 100

78 178.3 30.8 46.2#

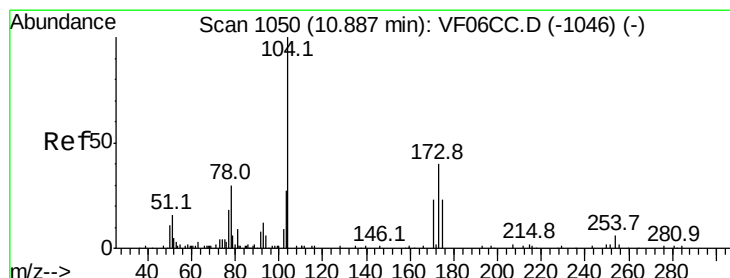
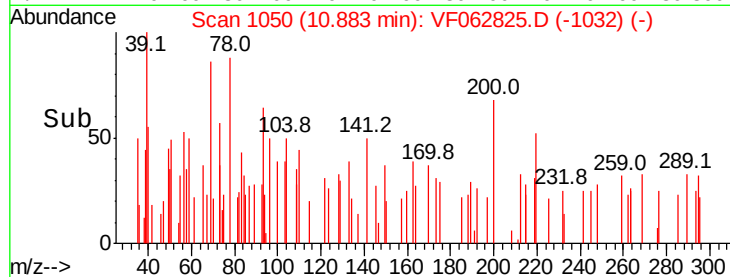
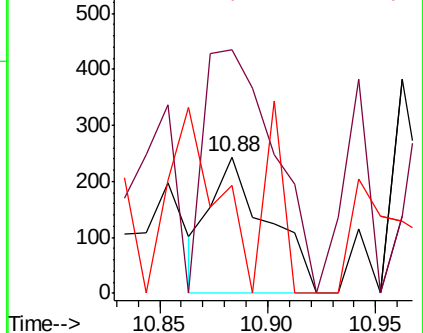
103 78.7 35.8 53.6#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 6.641 ug/l

RT: 10.87 min Scan# 1049

Delta R.T. -0.03 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

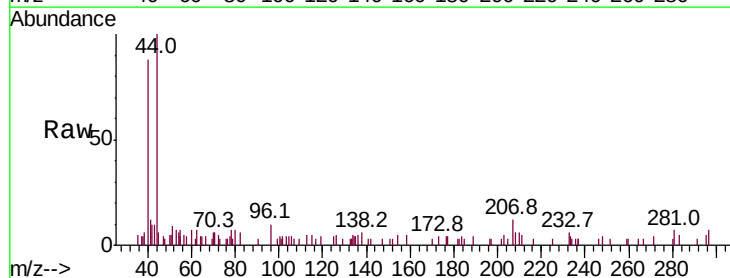
Tgt Ion:173 Resp: 260

Ion Ratio Lower Upper

173 100

175 0.0 24.6 74.0#

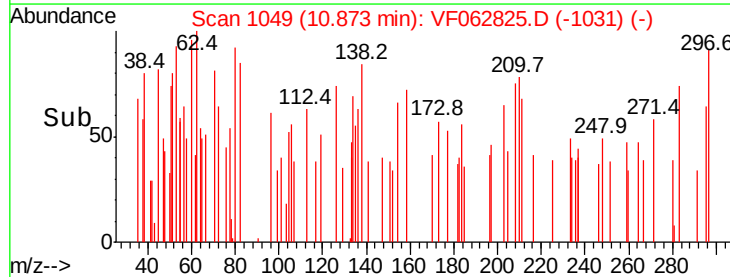
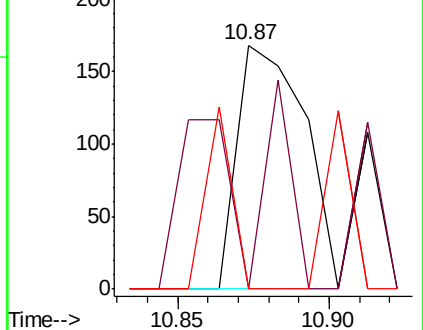
254 0.0 0.1 0.1#

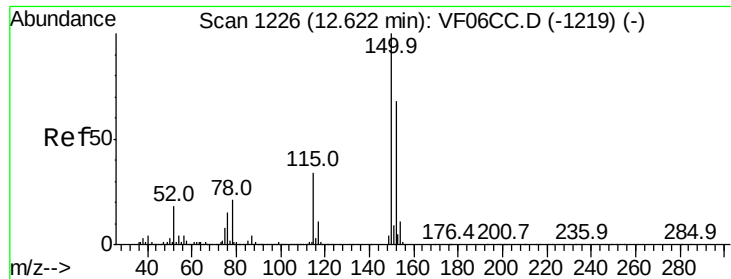


Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



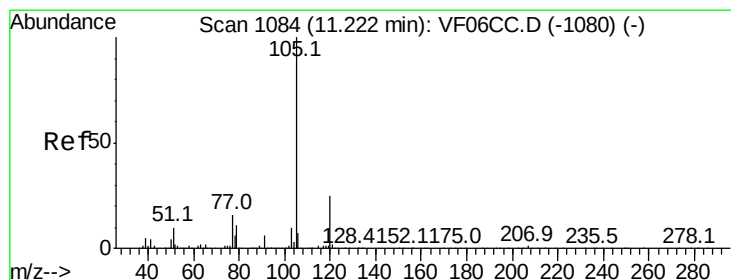
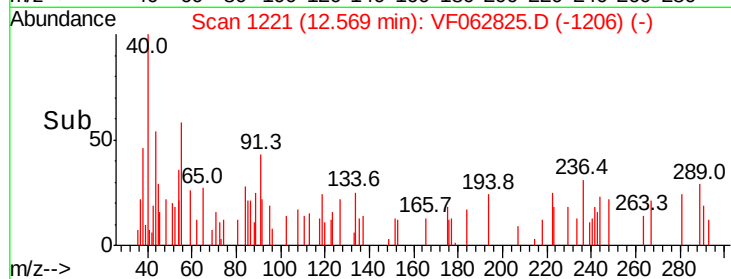
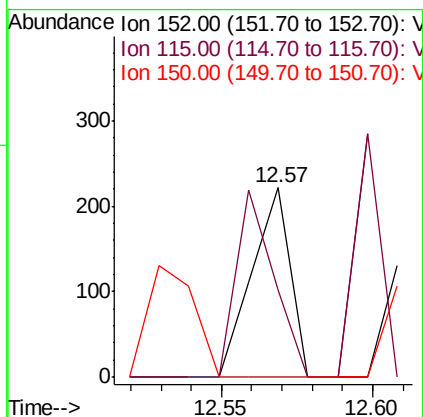
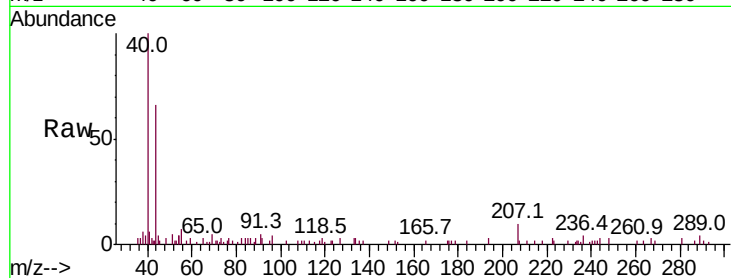


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.57 min Scan# 1221
Delta R.T. -0.05 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

Instrument :
MSVOA_F
ClientSampleId :
0440-PR-3(PASSAIC)RE

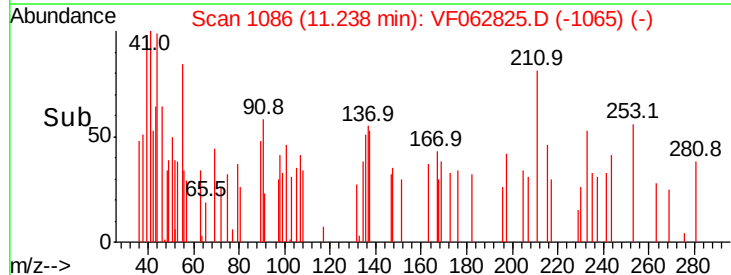
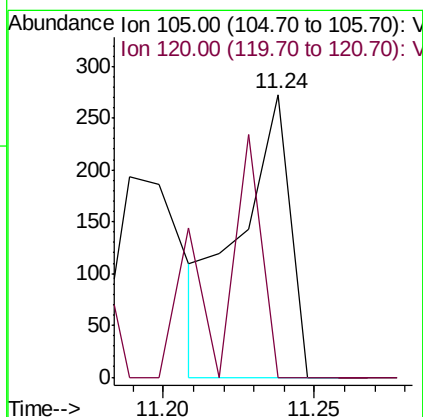
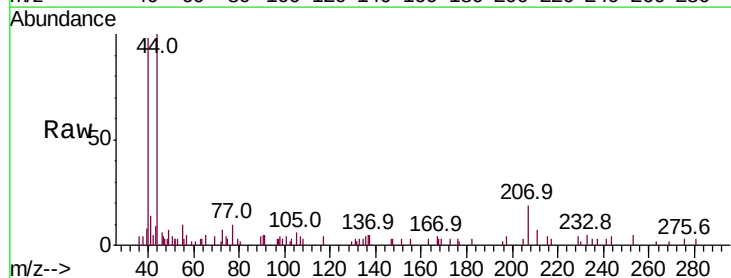
Tot Ion:152 Resp: 197
Ion Ratio Lower Upper
152 100
115 45.9 24.6 74.0
150 0.0 0.0 290.6

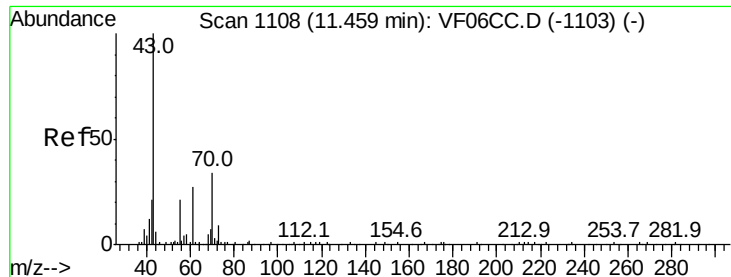


#73

Isopropylbenzene
Concen: 22.989 ug/l
RT: 11.24 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

Tgt Ion:105 Resp: 316
Ion Ratio Lower Upper
105 100
120 0.0 15.1 45.3#





#74

N-amvl acetate

Concen: 182.749 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. 0.02 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

Tot Ion: 43 Resp: 708

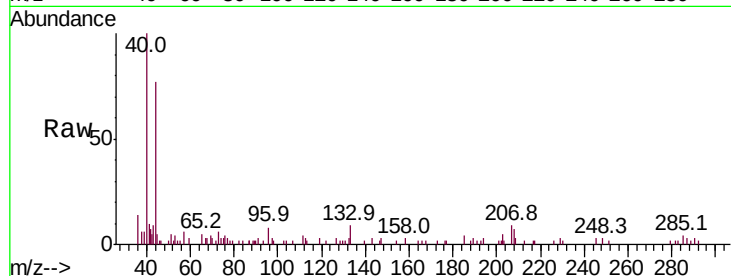
Ion Ratio Lower Upper

43 100

70 34.5 32.9 49.3

55 18.2 17.3 25.9

61 0.0 23.7 35.5#



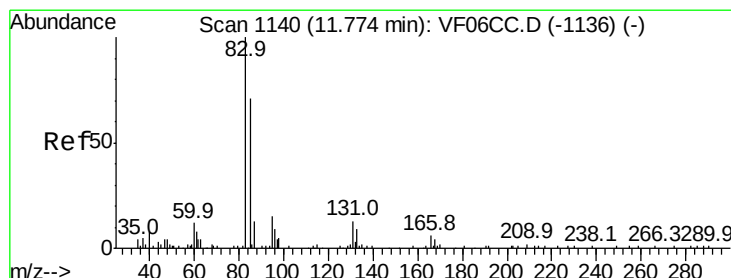
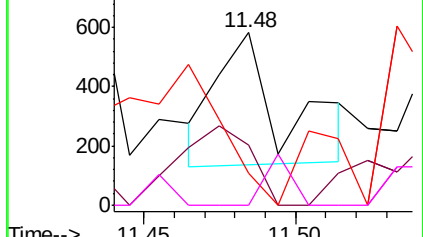
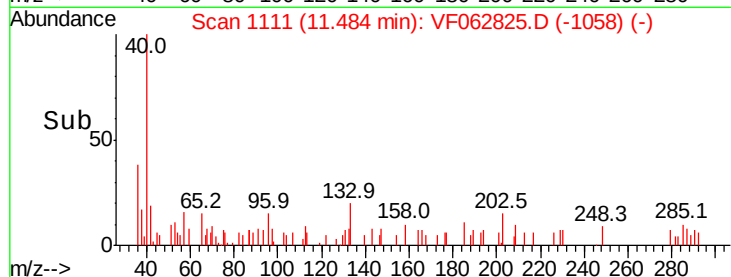
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 38.836 ug/l

RT: 11.80 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

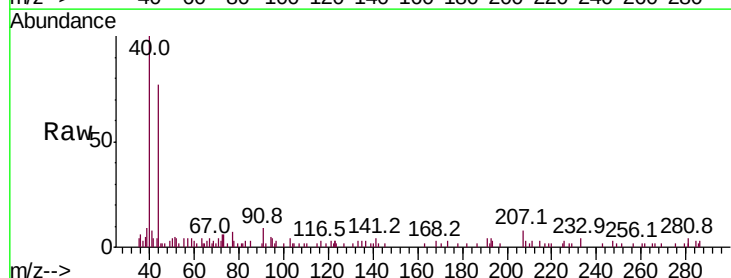
Tgt Ion: 83 Resp: 114

Ion Ratio Lower Upper

83 100

131 78.8 4.9 14.7#

85 105.2 32.1 96.5#

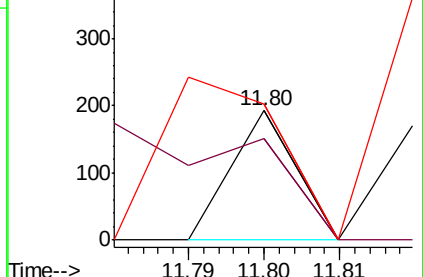
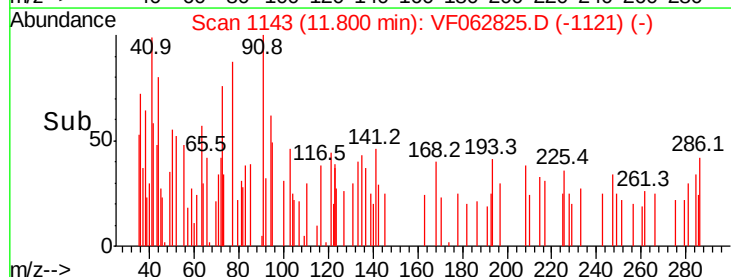


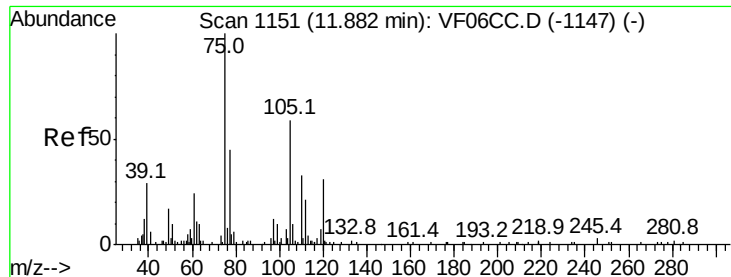
Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0

Time-->





#76

1,2,3-Trichloropropane

Concen: 102.272 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.00 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

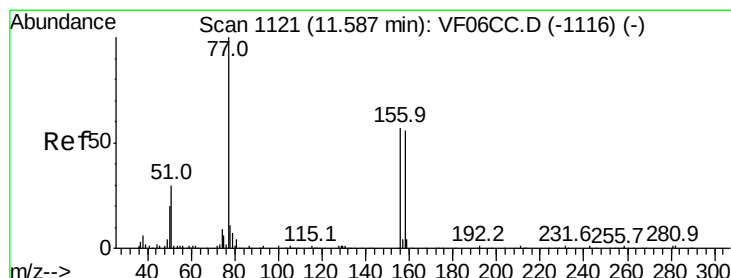
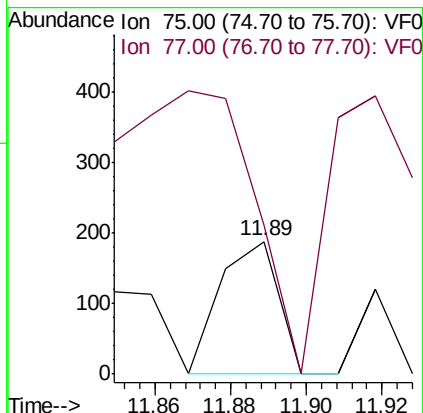
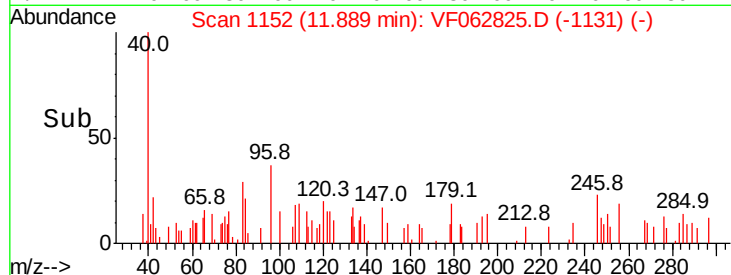
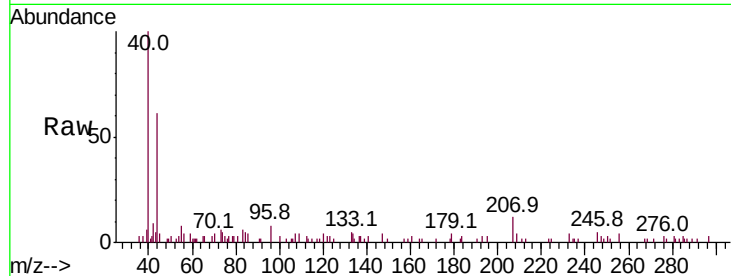
0440-PR-3(PASSAIC)RE

Tot Ion: 75 Resp: 199

Ion Ratio Lower Upper

75 100

77 112.2 20.1 60.2#



#77

Bromobenzene

Concen: 17.662 ug/l

RT: 11.55 min Scan# 1118

Delta R.T. -0.05 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

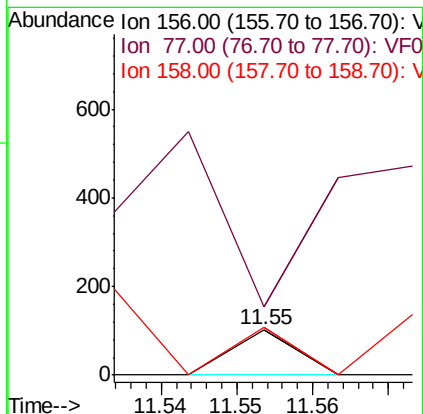
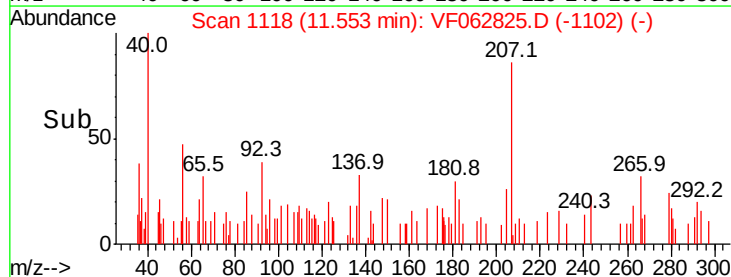
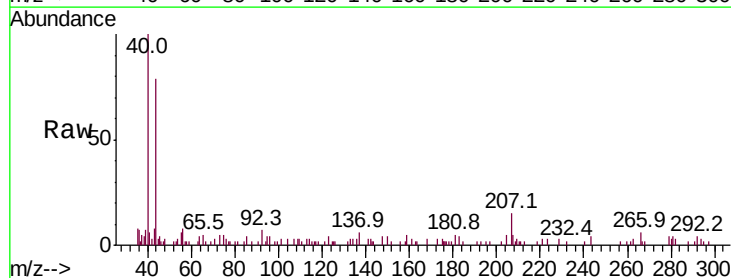
Tgt Ion: 156 Resp: 61

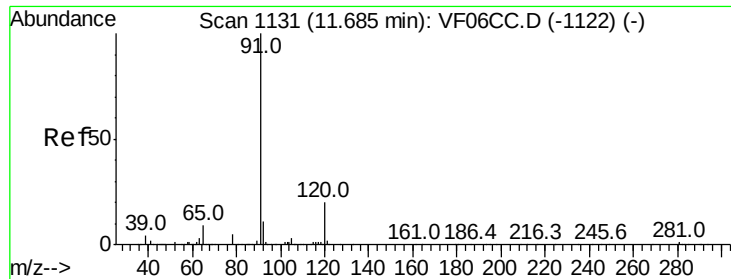
Ion Ratio Lower Upper

156 100

77 148.5 64.2 192.6

158 104.9 50.3 151.0

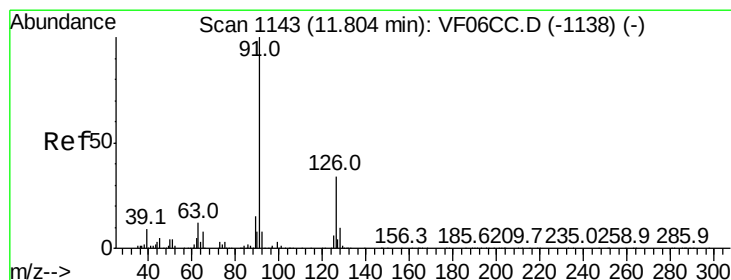
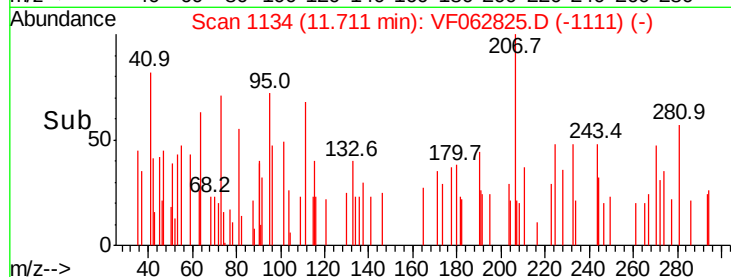
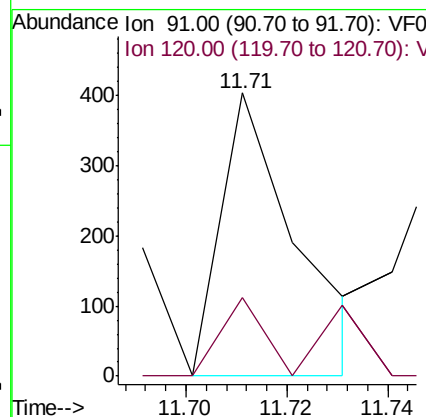
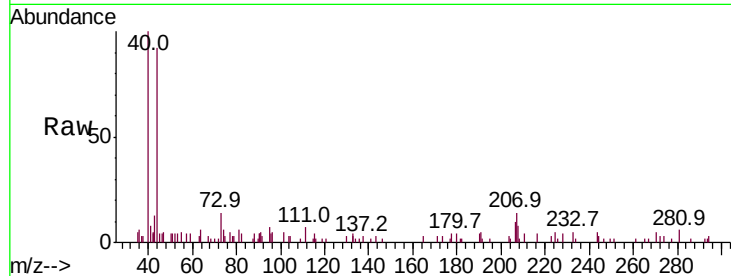




#78
n-propylbenzene
Concen: 25.125 ug/l
RT: 11.71 min Scan# 1134
Delta R.T. 0.02 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

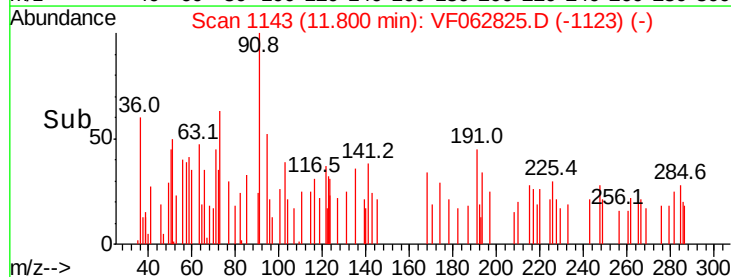
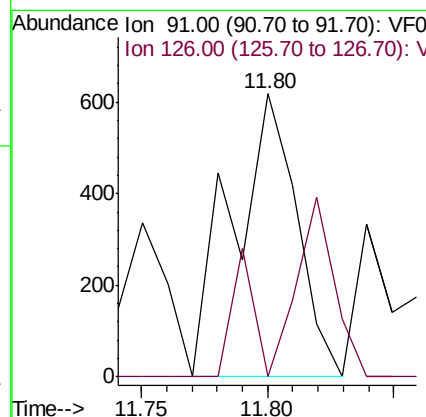
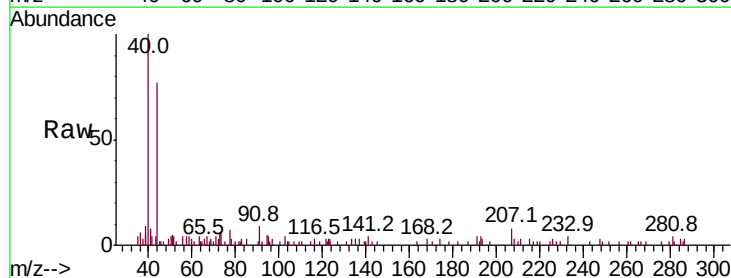
Instrument :
MSVOA_F
ClientSampleId :
0440-PR-3(PASSAIC)RE

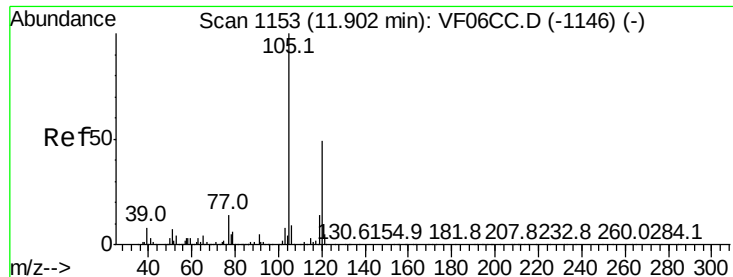
Tot Ion: 91 Resp: 417
Ion Ratio Lower Upper
91 100
120 27.8 12.8 38.4



#79
2-Chlorotoluene
Concen: 115.302 ug/l
RT: 11.80 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VF062825.D
Acq: 3 Jun 2019 13:32

Tgt Ion: 91 Resp: 1095
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.3#

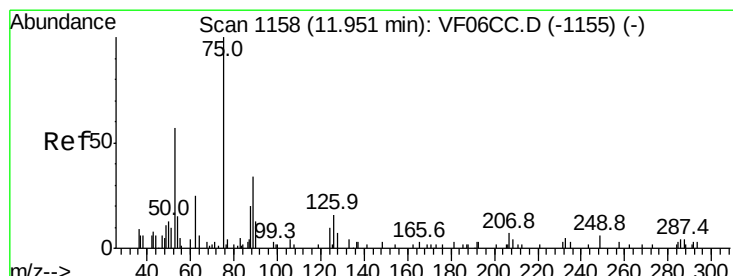
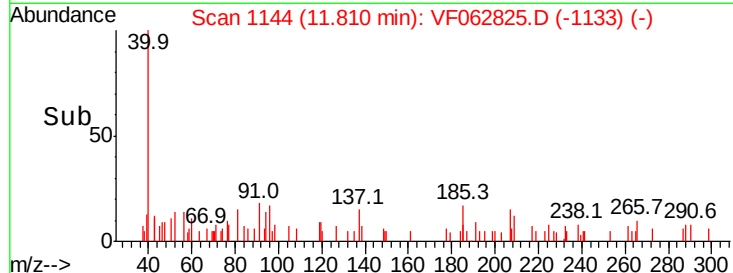
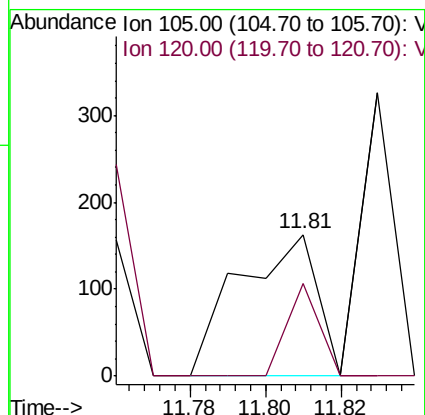
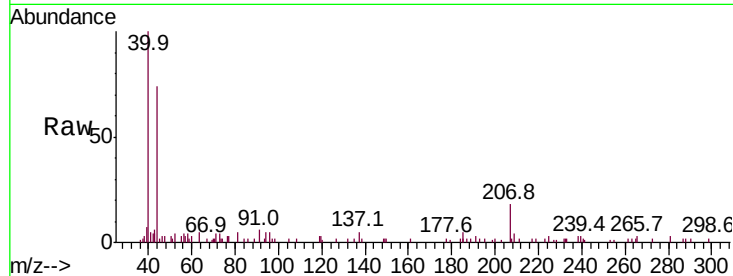




#80
 1,3,5-Trimethylbenzene
 Concen: 20.727 ug/l
 RT: 11.81 min Scan# 1144
 Delta R.T. -0.09 min
 Lab File: VF062825.D
 Acq: 3 Jun 2019 13:32

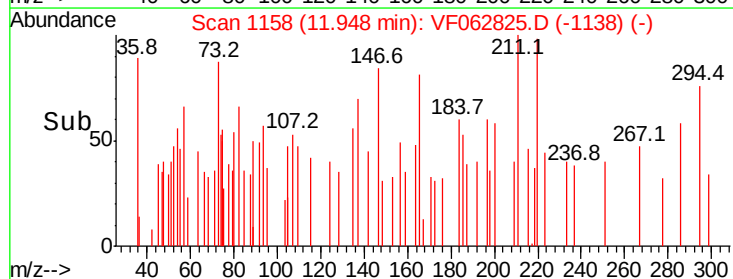
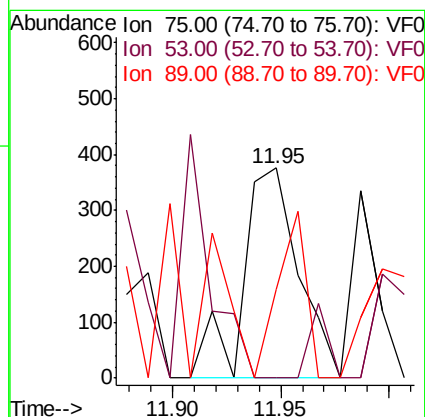
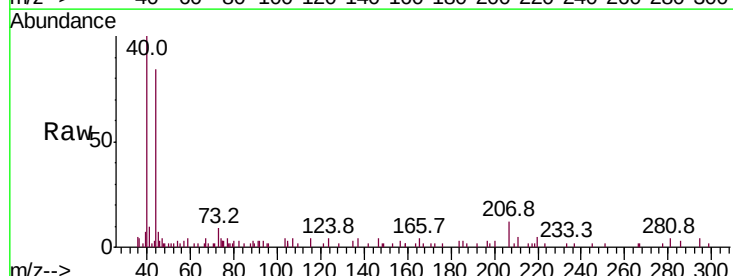
Instrument :
 MSVOA_F
 ClientSampleId :
 0440-PR-3(PASSAIC)RE

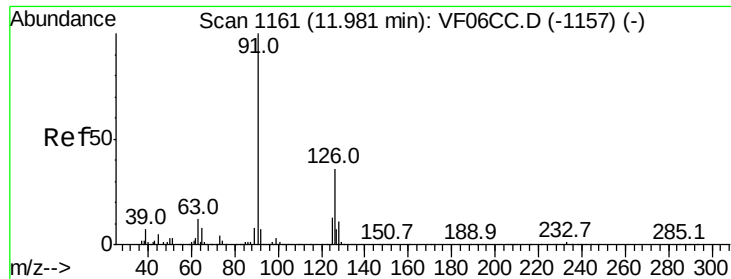
Tot Ion:105 Resp: 233
 Ion Ratio Lower Upper
 105 100
 120 65.0 28.7 86.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 819.387 ug/l
 RT: 11.95 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: VF062825.D
 Acq: 3 Jun 2019 13:32

Tgt Ion: 75 Resp: 675
 Ion Ratio Lower Upper
 75 100
 53 0.0 43.5 65.3#
 89 42.0 34.3 51.5





#82

4-Chlorotoluene

Concen: 41.144 ug/l

RT: 12.14 min Scan# 1177

Delta R.T. 0.15 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

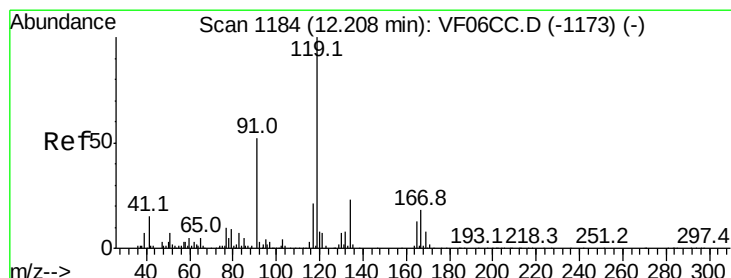
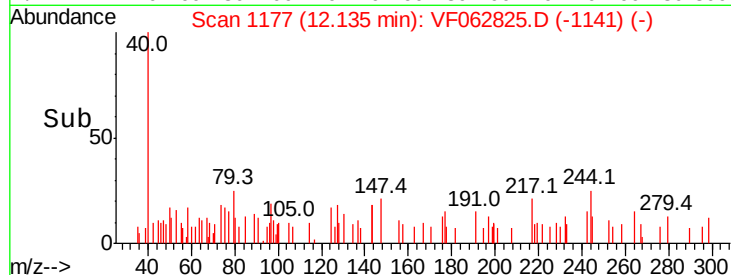
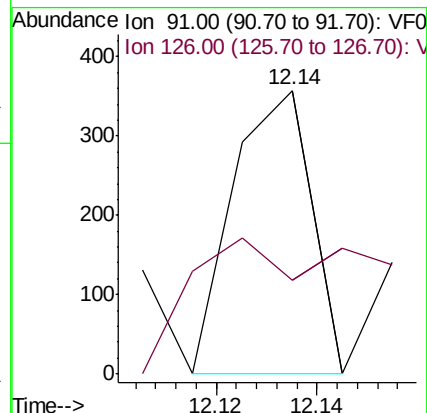
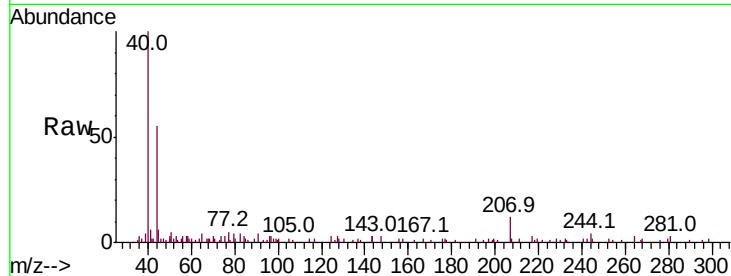
0440-PR-3(PASSAIC)RE

Tot Ion: 91 Resp: 384

Ion Ratio Lower Upper

91 100

126 33.1 19.1 57.1



#83

tert-Butylbenzene

Concen: 27.023 ug/l

RT: 12.21 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

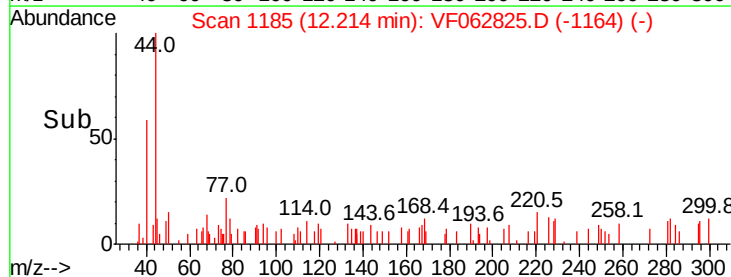
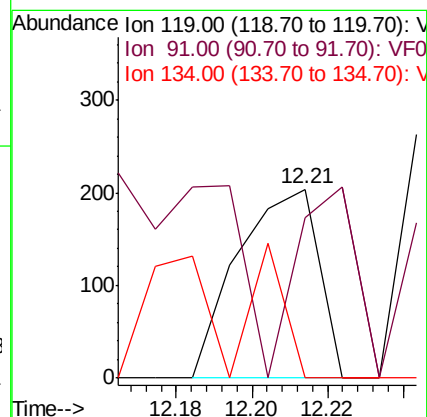
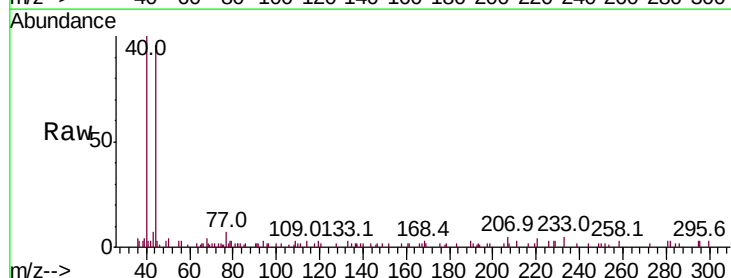
Tgt Ion: 119 Resp: 301

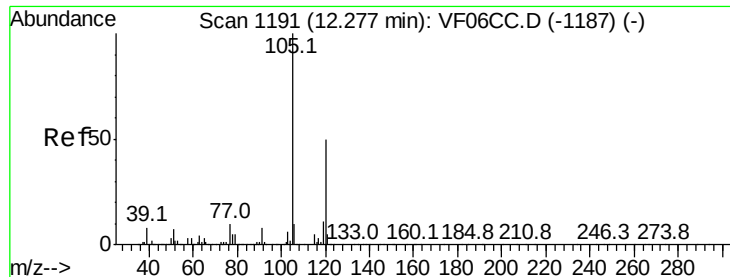
Ion Ratio Lower Upper

119 100

91 84.8 28.9 86.7

134 0.0 14.3 42.9#





#84

1,2,4-Trimethylbenzene

Concen: 9.664 ug/l

RT: 12.27 min Scan# 1191

Delta R.T. -0.01 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

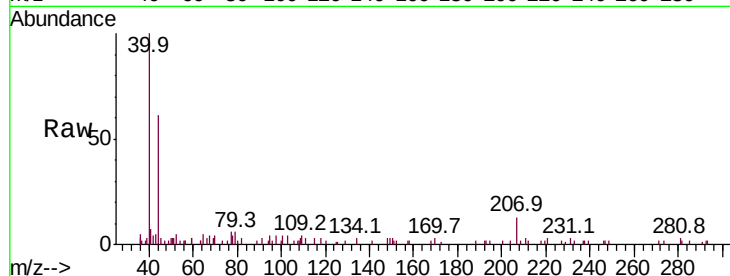
0440-PR-3(PASSAIC)RE

Tot Ion:105 Resp: 103

Ion Ratio Lower Upper

105 100

120 66.9 27.1 81.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.27

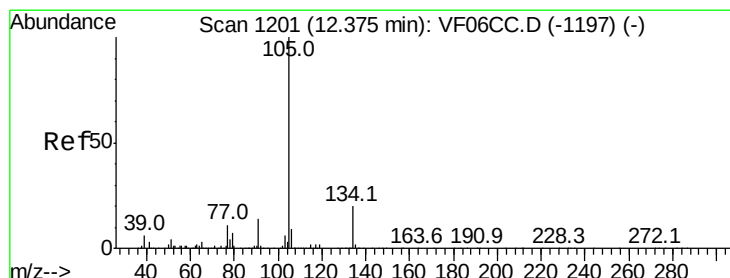
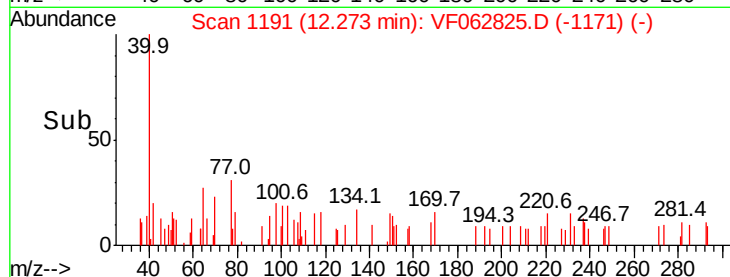
150

100

50

0

Time-->



#85

sec-Butylbenzene

Concen: 67.724 ug/l

RT: 12.37 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VF062825.D

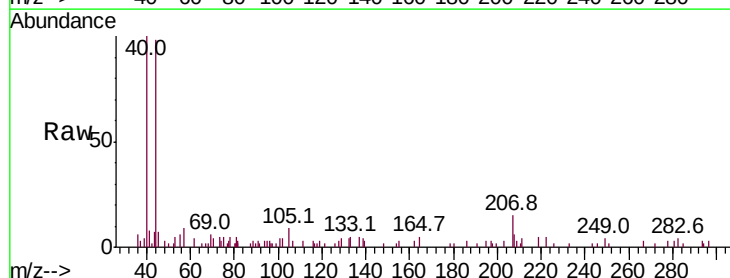
Acq: 3 Jun 2019 13:32

Tgt Ion:105 Resp: 994

Ion Ratio Lower Upper

105 100

134 0.0 10.5 31.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.37

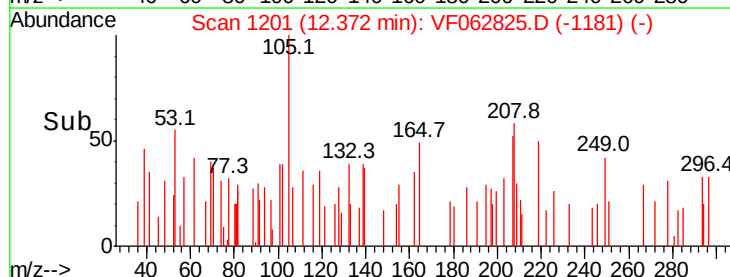
600

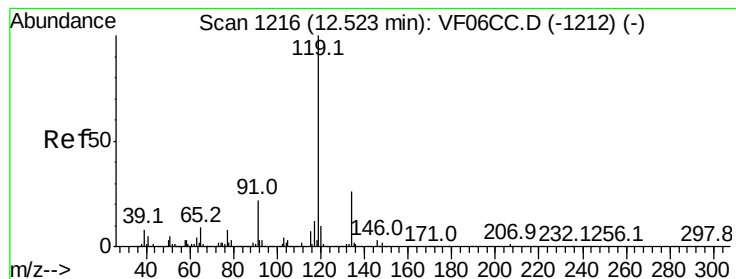
400

200

0

Time-->





#86

p-Isopropyltoluene

Concen: 30.941 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

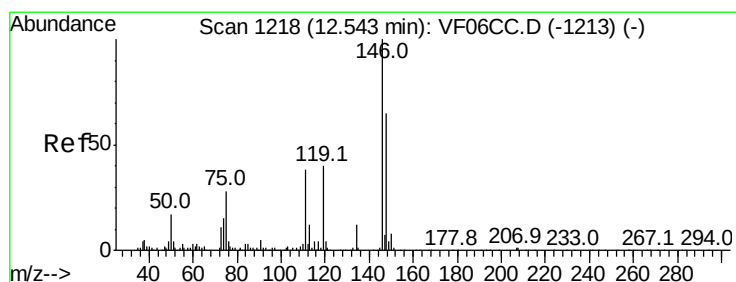
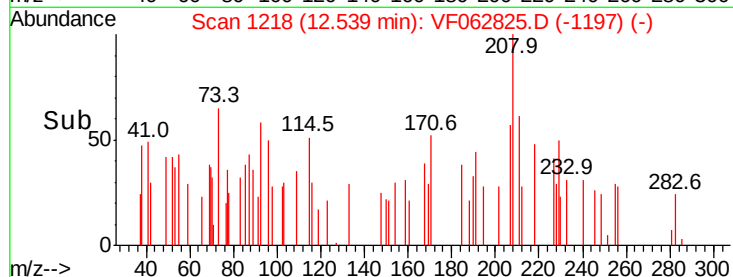
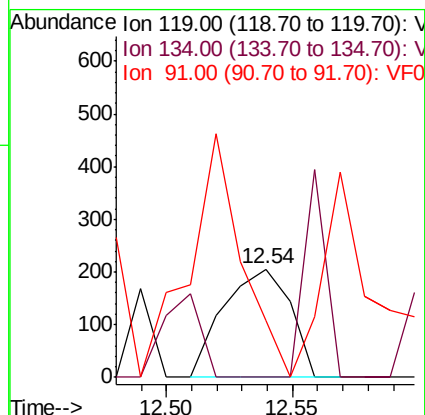
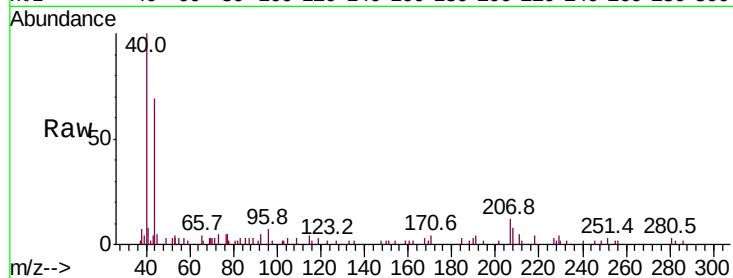
Tot Ion:119 Resp: 378

Ion Ratio Lower Upper

119 100

134 0.0 15.5 46.5#

91 52.7 10.3 30.9#



#87

1,3-Dichlorobenzene

Concen: 10.671 ug/l

RT: 12.59 min Scan# 1223

Delta R.T. 0.04 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

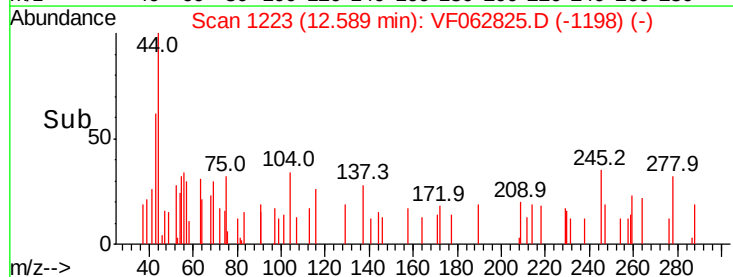
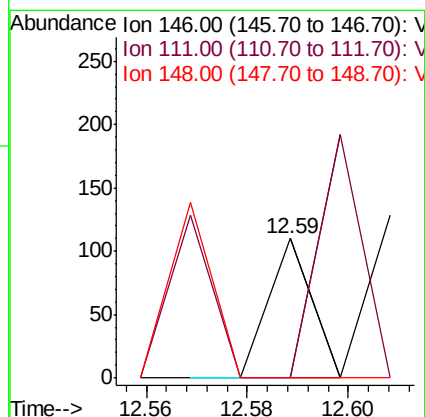
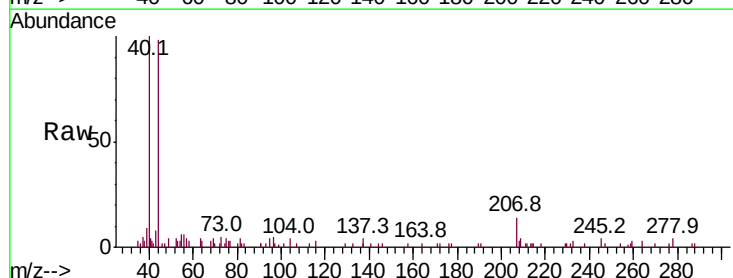
Tgt Ion:146 Resp: 65

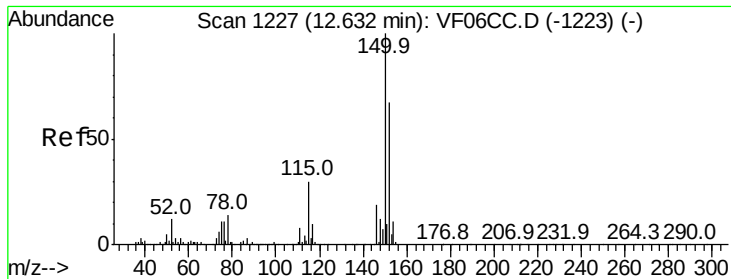
Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.8#

148 0.0 34.2 102.5#





#88

1,4-Dichlorobenzene

Concen: 18.471 ug/l

RT: 12.76 min Scan# 1240

Delta R.T. 0.12 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

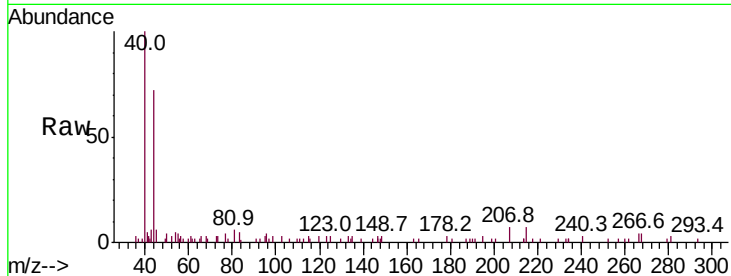
Tot Ion:146 Resp: 105

Ion Ratio Lower Upper

146 100

111 60.5 20.3 60.9

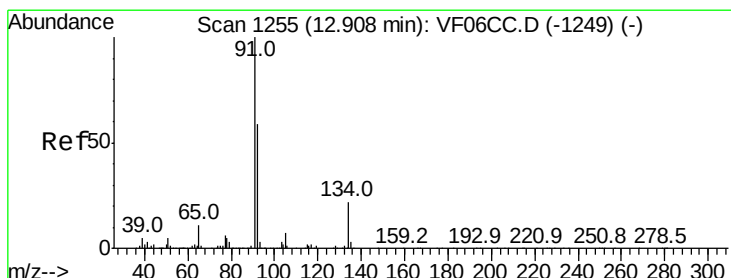
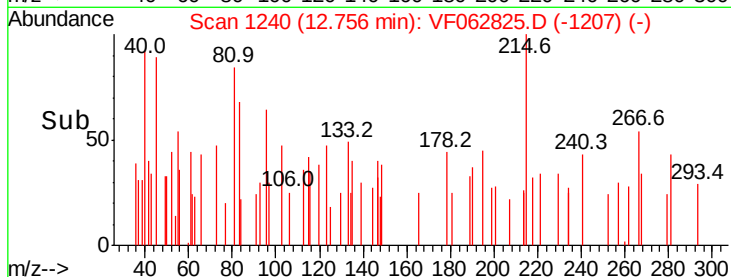
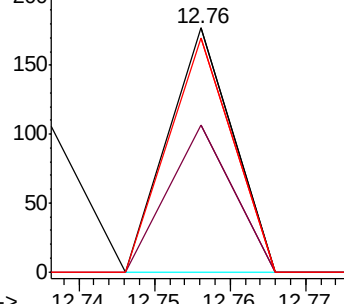
148 96.0 34.0 101.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#89

n-Butylbenzene

Concen: 47.033 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

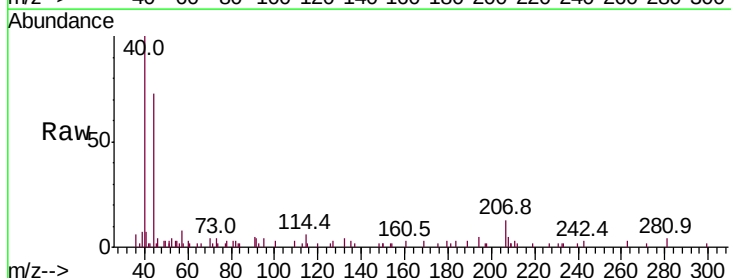
Tgt Ion: 91 Resp: 578

Ion Ratio Lower Upper

91 100

92 21.0 34.2 102.6#

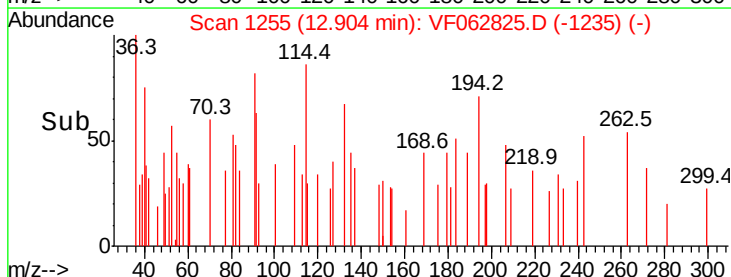
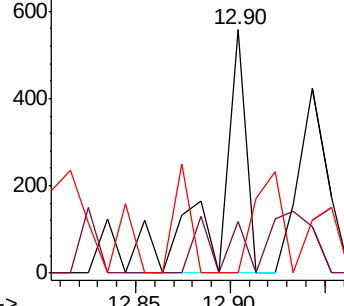
134 0.0 15.8 47.3#

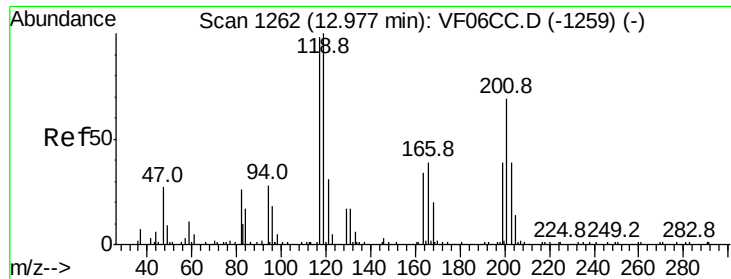


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 36.917 ug/l

RT: 12.99 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

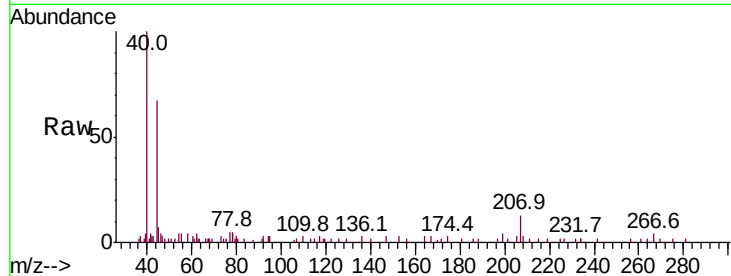
0440-PR-3(PASSAIC)RE

Tot Ion:117 Resp: 110

Ion Ratio Lower Upper

117 100

201 57.0 38.9 116.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 201.00 (200.70 to 201.70): V

12.99

150

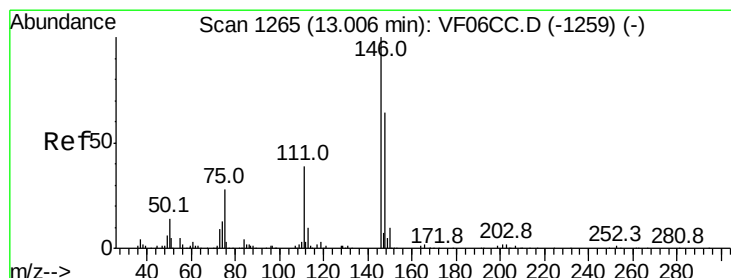
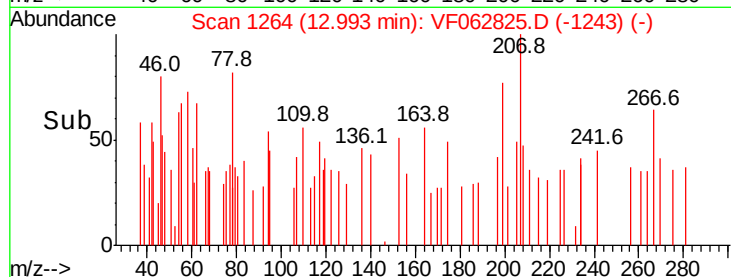
100

50

0

12.98 13.00 13.02

Time-->



#91

1,2-Dichlorobenzene

Concen: 21.293 ug/l

RT: 12.99 min Scan# 1264

Delta R.T. -0.02 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

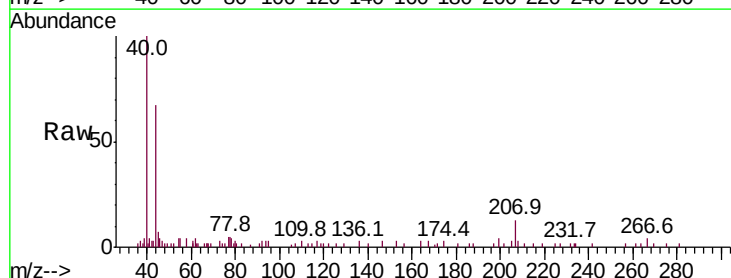
Tgt Ion:146 Resp: 114

Ion Ratio Lower Upper

146 100

111 0.0 20.4 61.3#

148 0.0 34.1 102.3#



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

400

300

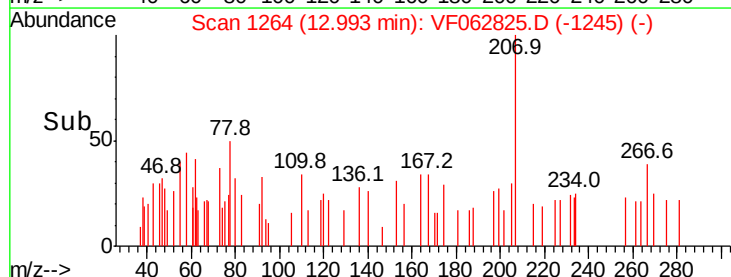
200

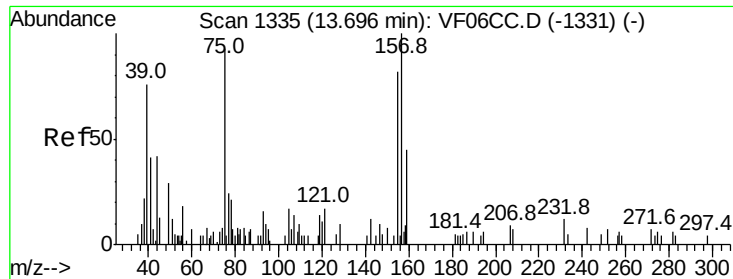
100

0

12.98 13.00 13.02

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 265.784 ug/l

RT: 13.69 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

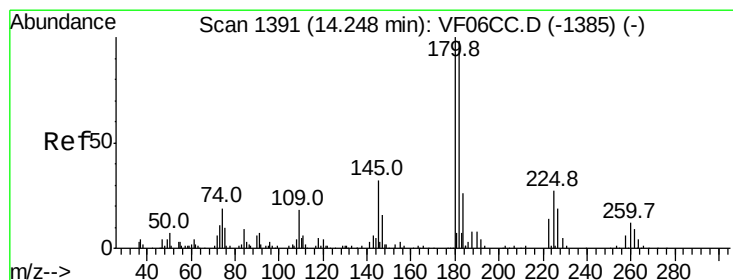
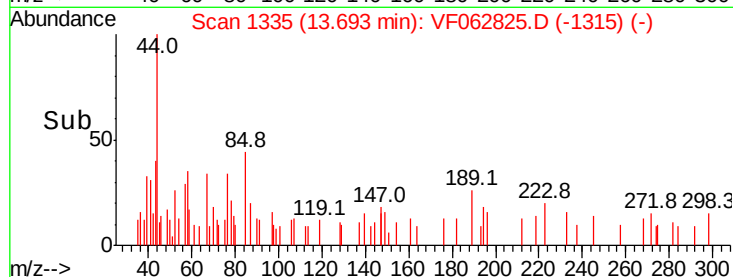
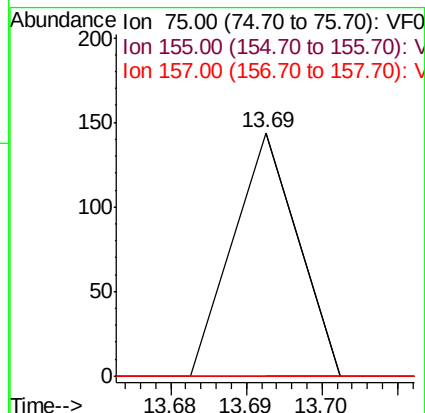
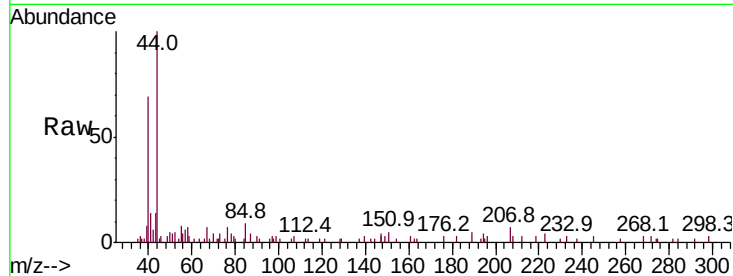
Tot Ion: 75 Resp: 85

Ion Ratio Lower Upper

75 100

155 0.0 51.7 155.1#

157 0.0 66.8 200.6#



#93

1,2,4-Trichlorobenzene

Concen: 29.108 ug/l

RT: 14.20 min Scan# 1386

Delta R.T. -0.05 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

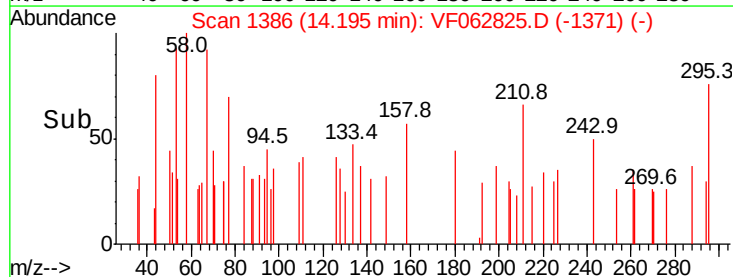
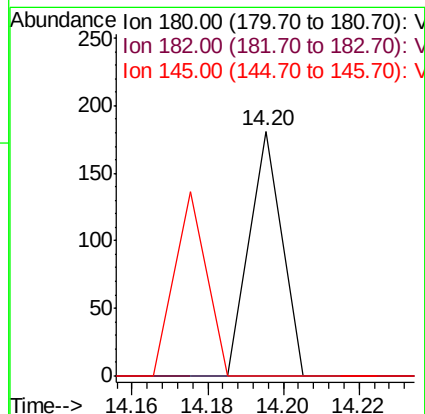
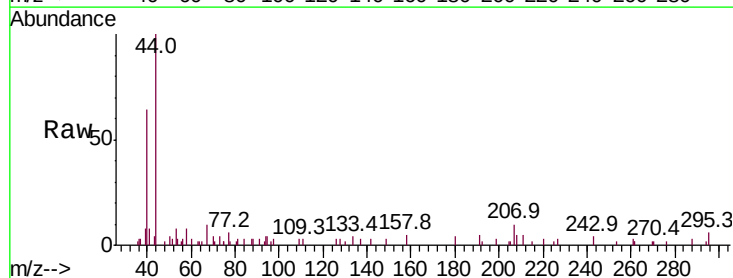
Tgt Ion: 180 Resp: 107

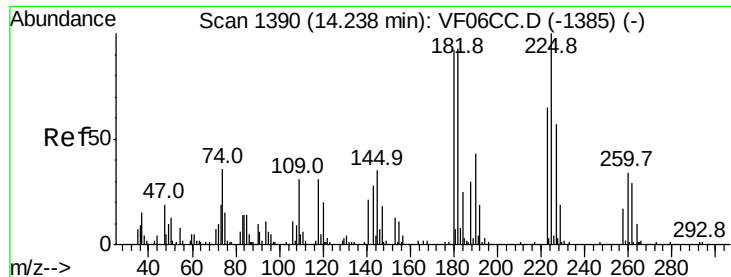
Ion Ratio Lower Upper

180 100

182 0.0 50.3 150.9#

145 0.0 15.4 46.2#





#94

Hexachlorobutadiene

Concen: 28.706 ug/l

RT: 14.20 min Scan# 1386

Delta R.T. -0.05 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

Instrument :

MSVOA_F

ClientSampleId :

0440-PR-3(PASSAIC)RE

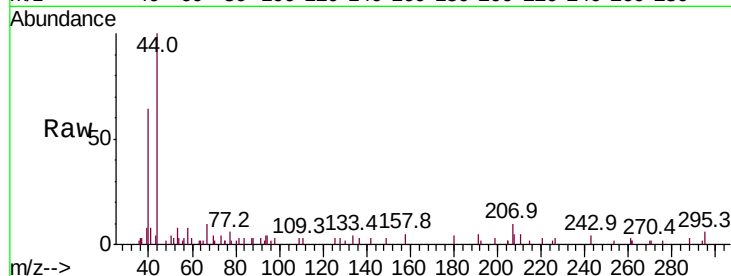
Tot Ion:225 Resp: 73

Ion Ratio Lower Upper

225 100

223 0.0 30.8 92.4#

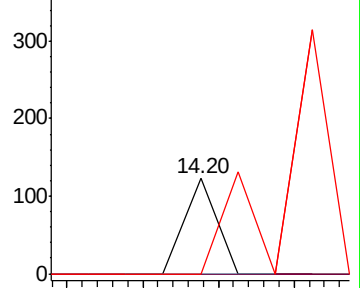
227 0.0 31.9 95.5#



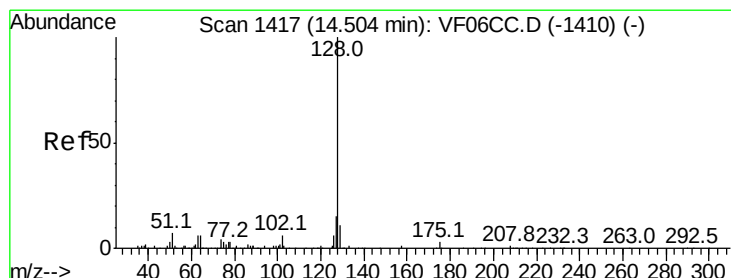
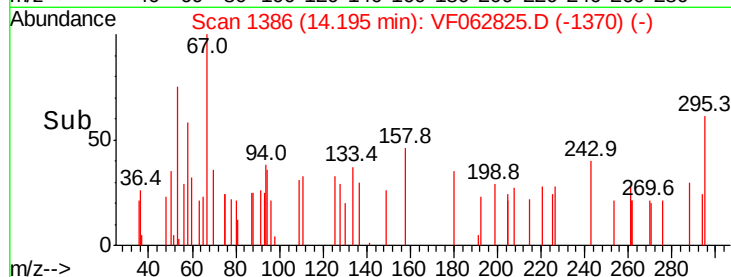
Abundance Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V



Time--> 14.16 14.18 14.20 14.22



#95

Naphthalene

Concen: 64.261 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.02 min

Lab File: VF062825.D

Acq: 3 Jun 2019 13:32

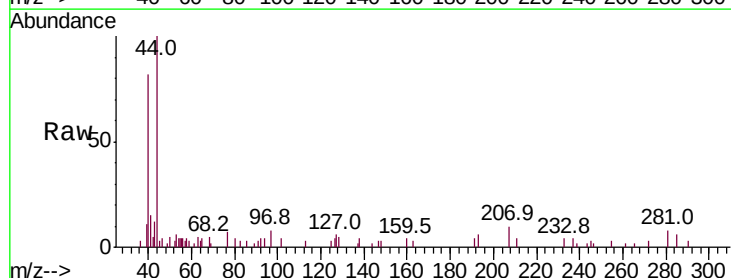
Tgt Ion:128 Resp: 387

Ion Ratio Lower Upper

128 100

127 110.6 9.7 14.5#

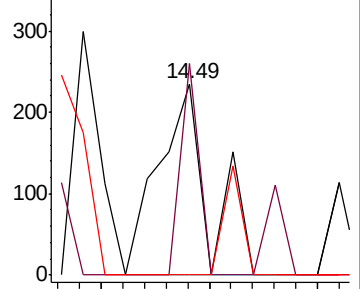
129 0.0 9.4 14.2#



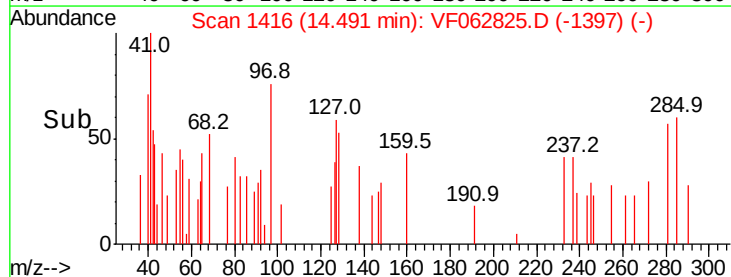
Abundance Ion 128.00 (127.70 to 128.70): V

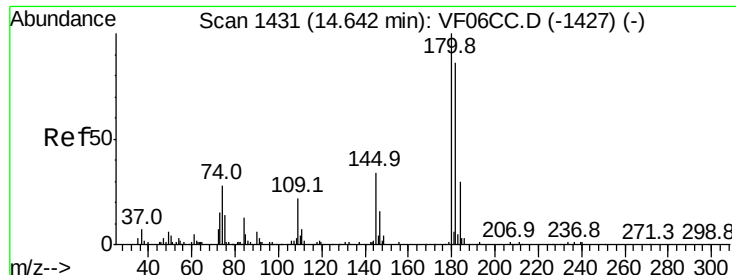
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 14.45 14.50 14.55





#96
 1,2,3-Trichlorobenzene
 Concen: 22.649 ug/l
 RT: 14.64 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: VF062825.D
 Acq: 3 Jun 2019 13:32

Instrument :
 MSVOA_F
 ClientSampleId :
 0440-PR-3(PASSAIC)RE

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.6	145.9#
145	0.0	15.7	47.0#

