

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062501.D
 Acq On : 12 May 2019 14:21
 Operator : FY/SY
 Sample : K2734-03
 Misc : 3.28g/5mL/MSVOA F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-0002-01

Quant Time: May 13 04:44:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	10686	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.79	114	19589	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.92	117	12713	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	4540	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	21341	211.32	ug/l	0.03
Spiked Amount			Recovery	=	422.64%	
35) Dibromofluoromethane	4.33	113	17778	113.92	ug/l	0.02
Spiked Amount			Recovery	=	227.84%	
50) Toluene-d8	7.74	98	10912	28.89	ug/l	0.03
Spiked Amount			Recovery	=	57.78%	
62) 4-Bromofluorobenzene	11.51	95	4437	26.03	ug/l	0.02
Spiked Amount			Recovery	=	52.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	0.99	85	147	1.189	ug/l #	41
3) Chloromethane	1.15	50	478	5.860	ug/l #	42
4) Vinyl Chloride	1.19	62	169	2.077	ug/l #	42
5) Bromomethane	1.44	94	296	2.434	ug/l #	3
6) Chloroethane	1.48	64	73	1.785	ug/l #	49
7) Trichlorofluoromethane	1.69	101	272	1.611	ug/l #	20
8) Diethyl Ether	1.79	74	176	6.891	ug/l	62
11) Tert butyl alcohol	2.68	59	982	172.054	ug/l #	70
12) 1,1-Dichloroethene	1.90	96	1201	14.659	ug/l #	1
13) Acrolein	2.07	56	495	130.191	ug/l	94
14) Allyl chloride	2.22	41	449	6.204	ug/l #	14
15) Acrylonitrile	3.09	53	419	38.755	ug/l #	1
16) Acetone	2.35	43	12445	609.184	ug/l	96
18) Methyl Acetate	2.49	43	1107	28.358	ug/l #	58
19) Methyl tert-butyl Ether	2.59	73	1170	6.918	ug/l #	77
20) Methylene Chloride	2.36	84	377	5.101	ug/l #	42
21) trans-1,2-Dichloroethene	2.40	96	702	8.993	ug/l #	28
22) Diisopropyl ether	2.93	45	1353	5.982	ug/l #	47
23) Vinyl Acetate	3.36	43	405	4.017	ug/l #	79
24) 1,1-Dichloroethane	3.02	63	483	3.533	ug/l #	43
25) 2-Butanone	4.52	43	1073	41.807	ug/l #	60
26) 2,2-Dichloropropane	3.71	77	672	8.802	ug/l	82
27) cis-1,2-Dichloroethene	3.67	96	127	1.302	ug/l	92
28) Bromochloromethane	3.95	49	63	1.016	ug/l #	1
29) Tetrahydrofuran	4.29	42	500	42.388	ug/l	96
37) Ethyl Acetate	4.33	43	649	5.181	ug/l #	97
38) Carbon Tetrachloride	4.16	117	72	Below Cal	#	14
40) Benzene	4.85	78	451	1.217	ug/l #	48
41) Methacrylonitrile	4.99	41	564	13.978	ug/l #	17
43) Isopropyl Acetate	7.14	43	713	9.315	ug/l #	62
46) Dibromomethane	6.25	93	163	2.342	ug/l #	1
48) Methyl methacrylate	6.88	41	325	6.008	ug/l #	40
49) 1,4-Dioxane	6.78	88	130	223.537	ug/l #	1
51) 4-Methyl-2-Pentanone	8.43	43	1677	28.915	ug/l #	63

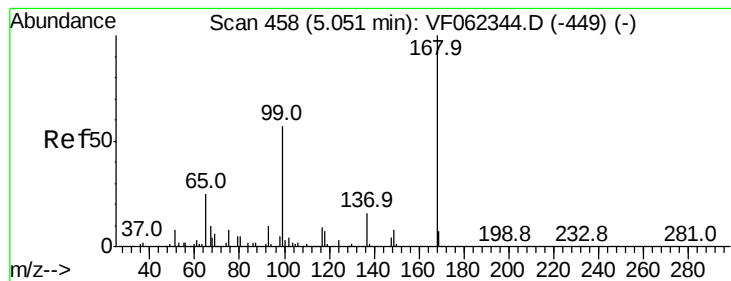
Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062501.D
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Toluene	7.79	92	409	1.789	ug/l	84
53) t-1,3-Dichloropropene	8.45	75	201	1.527	ug/l #	43
56) Ethyl methacrylate	8.77	69	298	3.890	ug/l #	1
57) 1,3-Dichloropropane	9.09	76	156	1.423	ug/l #	26
58) 2-Chloroethyl Vinyl ether	7.49	63	61	2.649	ug/l #	42
59) 2-Hexanone	9.65	43	1566	39.041	ug/l	80
64) Tetrachloroethene	8.29	164	128	1.240	ug/l #	1
65) Chlorobenzene	9.93	112	496	2.358	ug/l #	43
67) Ethyl Benzene	10.05	91	1393	3.782	ug/l #	81
68) m/p-Xylenes	10.28	106	743	5.467	ug/l #	29
69) o-Xylene	10.83	106	338	2.302	ug/l	100
70) Styrene	10.89	104	927	4.212	ug/l #	68
73) Isopropylbenzene	11.22	105	1307	4.856	ug/l	85
74) N-ethyl acetate	11.45	43	860	14.883	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	11.72	83	70	1.661	ug/l #	1
76) 1,2,3-Trichloropropane	11.89	75	271	8.429	ug/l #	100
77) Bromobenzene	11.59	156	97	1.373	ug/l #	1
78) n-propylbenzene	11.68	91	1632	5.695	ug/l	100
79) 2-Chlorotoluene	11.81	91	581	3.261	ug/l	73
80) 1,3,5-Trimethylbenzene	11.90	105	827	3.506	ug/l	76
81) trans-1,4-Dichloro-2-buten	11.99	75	353	29.209	ug/l #	5
82) 4-Chlorotoluene	11.81	91	581	3.301	ug/l	73
83) tert-Butylbenzene	12.20	119	683	2.755	ug/l #	45
84) 1,2,4-Trimethylbenzene	12.28	105	1085	4.700	ug/l	94
85) sec-Butylbenzene	12.38	105	1112	3.685	ug/l #	72
86) p-Isopropyltoluene	12.54	119	1164	4.152	ug/l #	67
87) 1,3-Dichlorobenzene	12.55	146	644	4.992	ug/l	88
88) 1,4-Dichlorobenzene	12.55	146	644	5.172	ug/l	89
89) n-Butylbenzene	12.91	91	1105	4.430	ug/l	83
91) 1,2-Dichlorobenzene	13.02	146	330	2.643	ug/l	69
92) 1,2-Dibromo-3-Chloropropan	13.67	75	90	9.533	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.25	180	843	7.527	ug/l #	48
94) Hexachlorobutadiene	14.24	225	257	3.079	ug/l	77
95) Naphthalene	14.50	128	1948	11.569	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.65	180	253	2.332	ug/l #	25

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

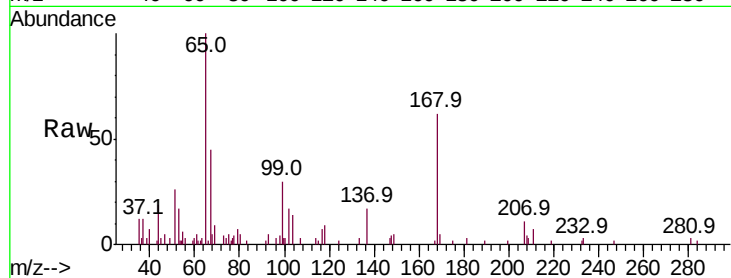
P026-SS012-0002-01

Tot Ion:168 Resp: 10686

Ion Ratio Lower Upper

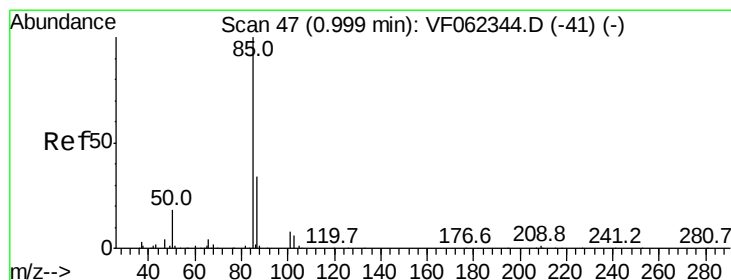
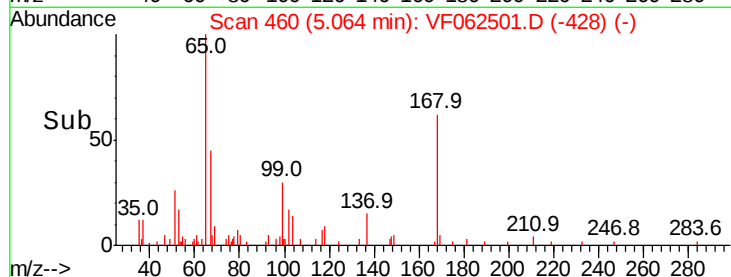
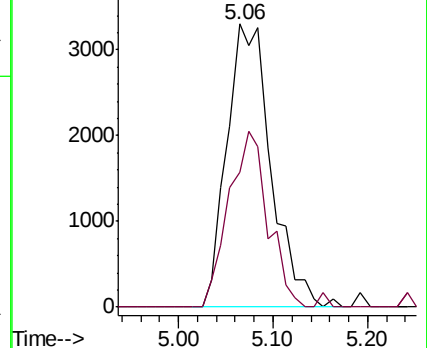
168 100

99 47.8 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0



#2

Dichlorodifluoromethane

Concen: 1.189 ug/l

RT: 0.99 min Scan# 47

Delta R.T. -0.01 min

Lab File: VF062501.D

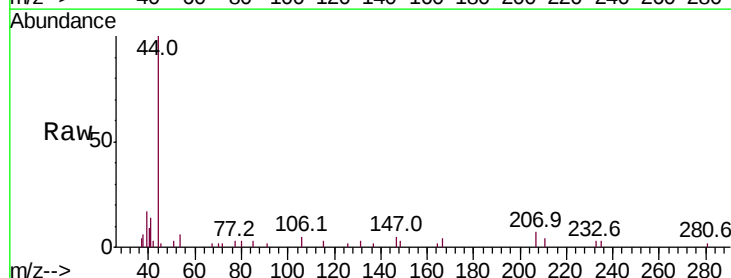
Acq: 12 May 2019 14:21

Tgt Ion: 85 Resp: 147

Ion Ratio Lower Upper

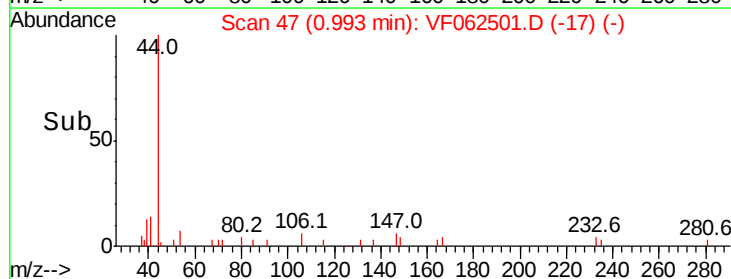
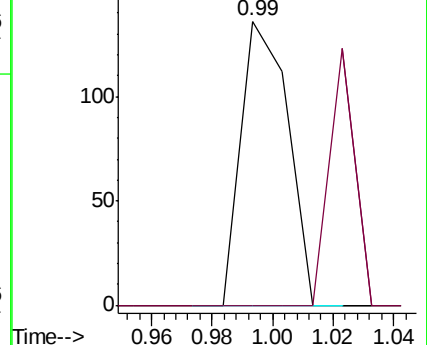
85 100

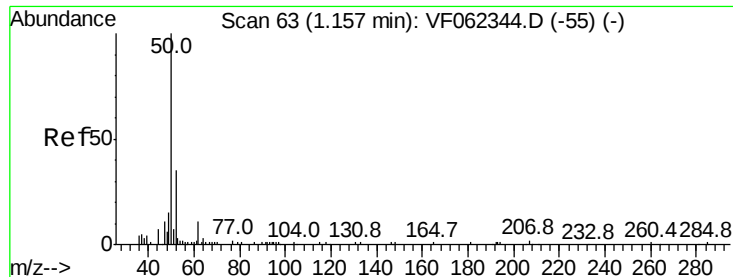
87 0.0 16.8 50.4#



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0





#3

Chloromethane

Concen: 5.860 ug/l

RT: 1.15 min Scan# 63

Delta R.T. -0.01 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

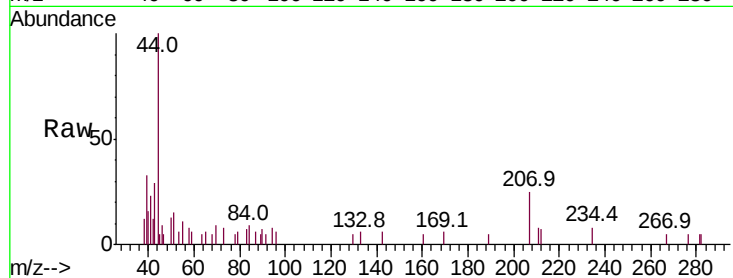
P026-SS012-0002-01

Tot Ion: 50 Resp: 478

Ion Ratio Lower Upper

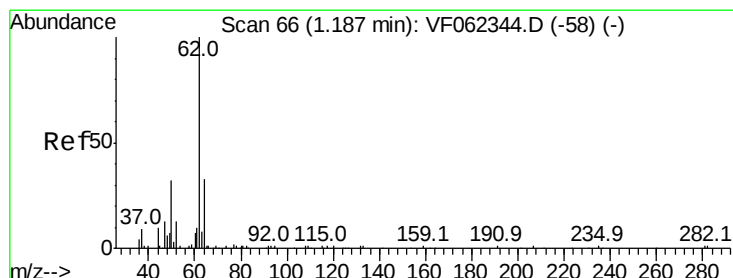
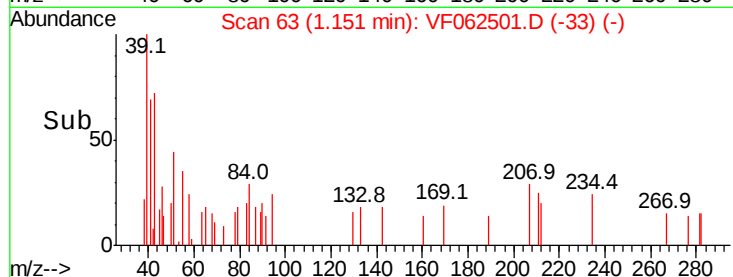
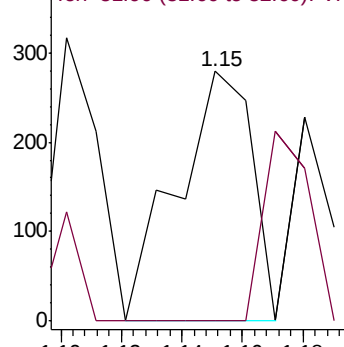
50 100

52 0.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0



#4

Vinyl Chloride

Concen: 2.077 ug/l

RT: 1.19 min Scan# 67

Delta R.T. 0.00 min

Lab File: VF062501.D

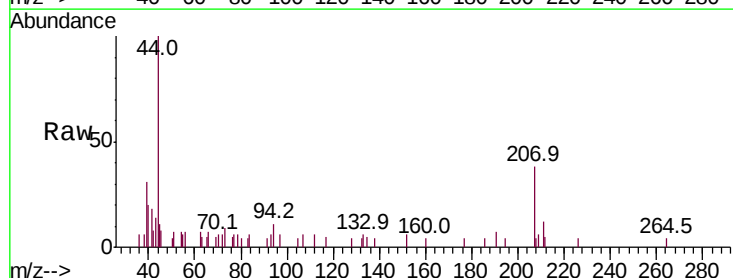
Acq: 12 May 2019 14:21

Tgt Ion: 62 Resp: 169

Ion Ratio Lower Upper

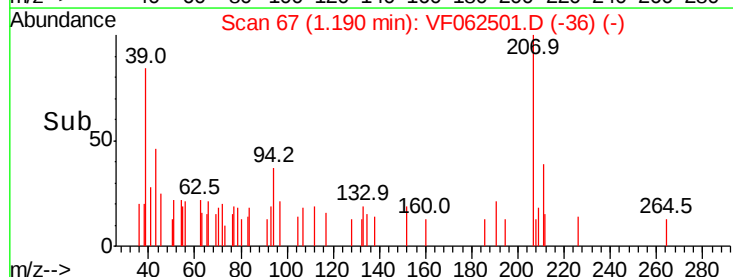
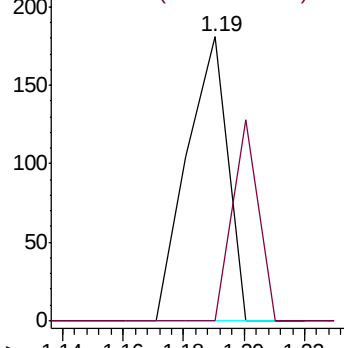
62 100

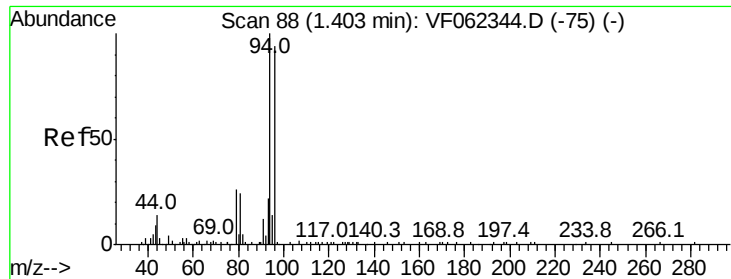
64 0.0 26.1 39.1#



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 63.90 (63.60 to 64.60): VF0





#5

Bromomethane

Concen: 2.434 ug/l

RT: 1.44 min Scan# 92

Delta R.T. 0.03 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

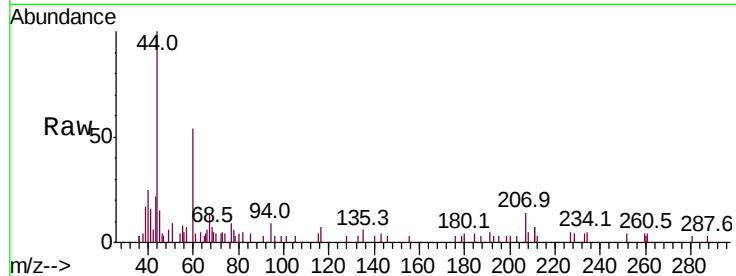
P026-SS012-0002-01

Tot Ion: 94 Resp: 296

Ion Ratio Lower Upper

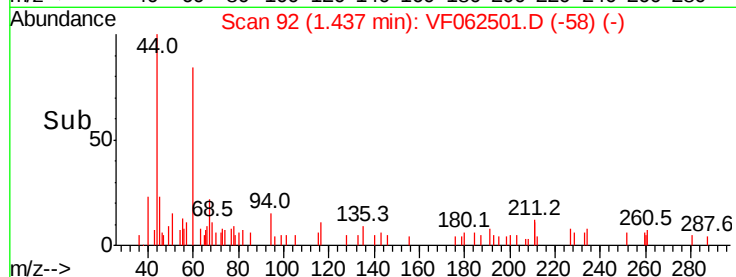
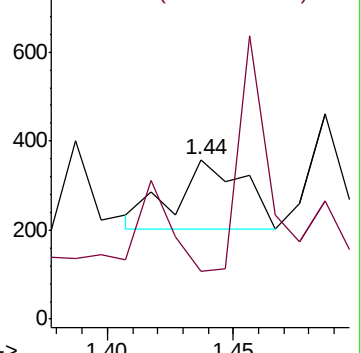
94 100

96 0.0 75.4 113.2#

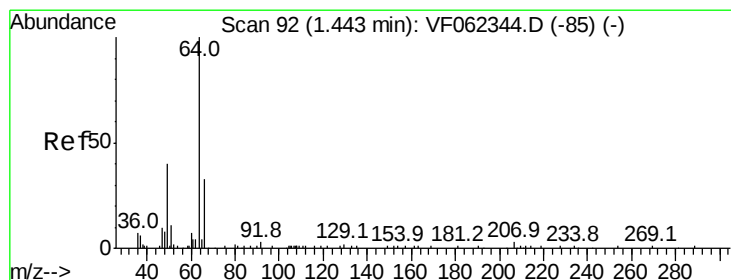


Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0



Time-->



#6

Chloroethane

Concen: 1.785 ug/l

RT: 1.48 min Scan# 96

Delta R.T. 0.03 min

Lab File: VF062501.D

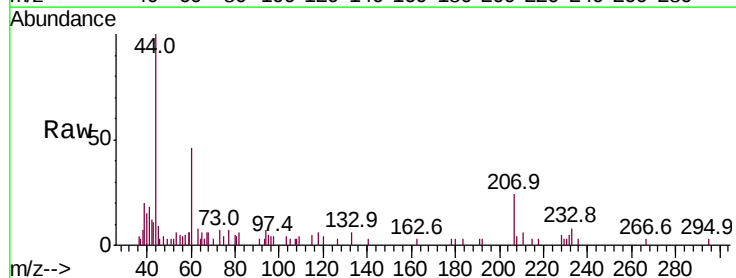
Acq: 12 May 2019 14:21

Tgt Ion: 64 Resp: 73

Ion Ratio Lower Upper

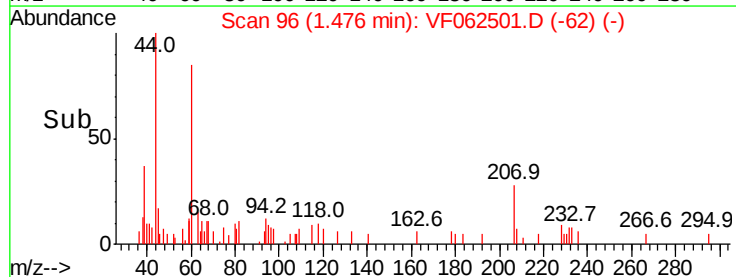
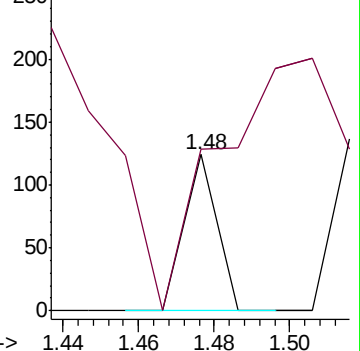
64 100

66 4.0 26.6 39.8#

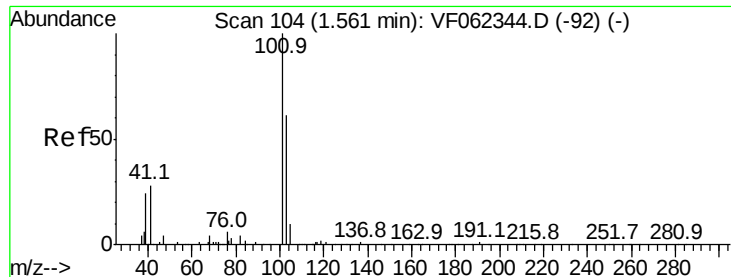


Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0



Time-->

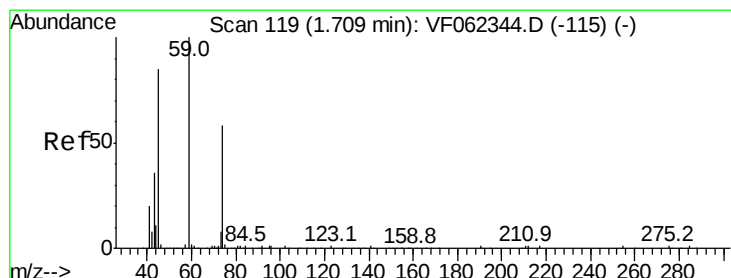
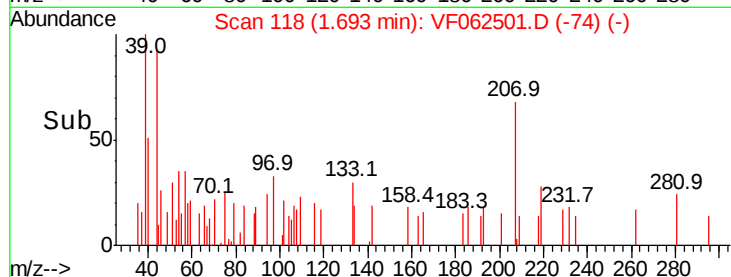
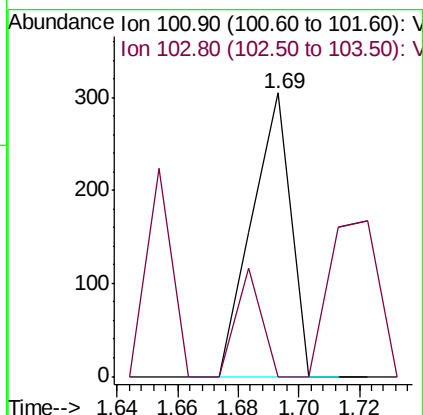
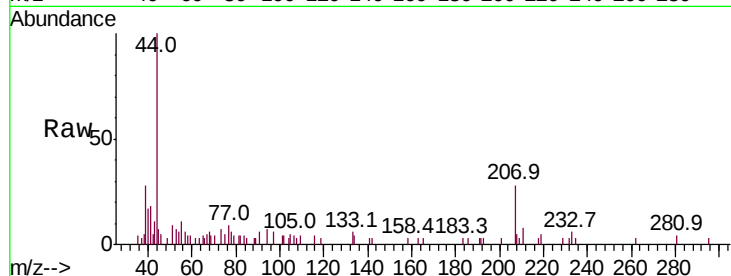


#7

Trichlorofluoromethane
Concen: 1.611 ug/l
RT: 1.69 min Scan# 118
Delta R.T. 0.13 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
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ClientSampleId :
P026-SS012-0002-01

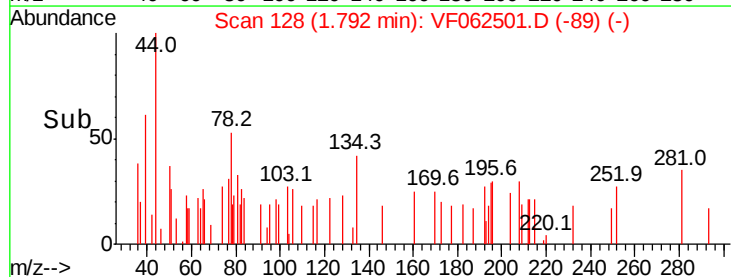
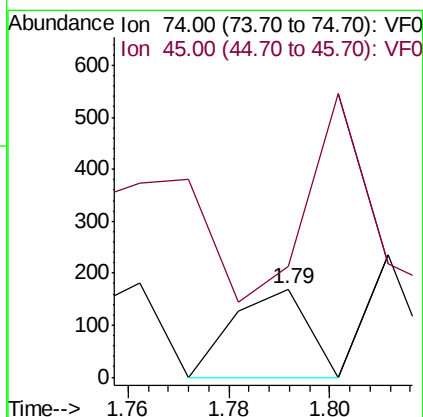
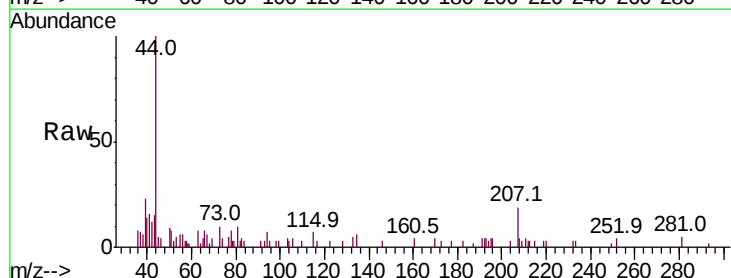
Tot Ion:101 Resp: 272
Ion Ratio Lower Upper
101 100
103 0.0 48.5 72.7#

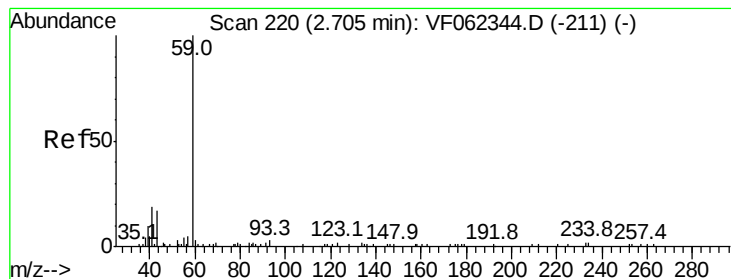


#8

Diethyl Ether
Concen: 6.891 ug/l
RT: 1.79 min Scan# 128
Delta R.T. 0.08 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 74 Resp: 176
Ion Ratio Lower Upper
74 100
45 196.0 73.9 221.6



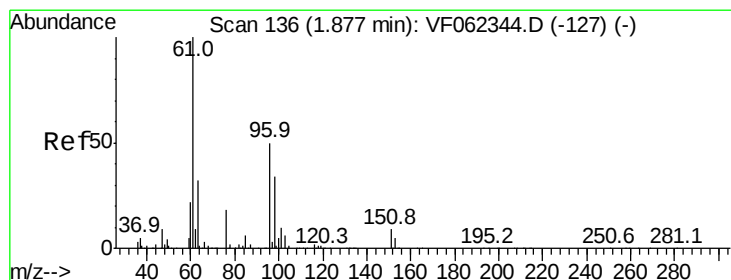
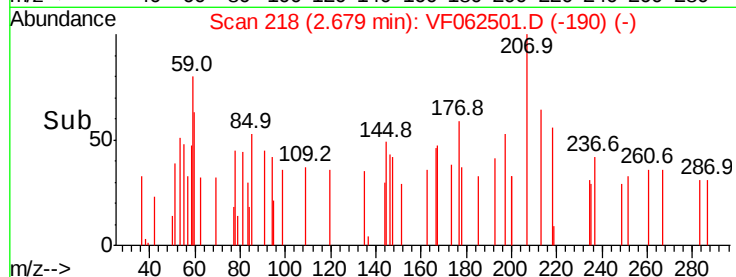
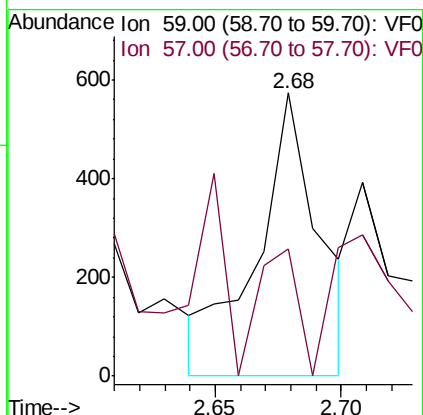
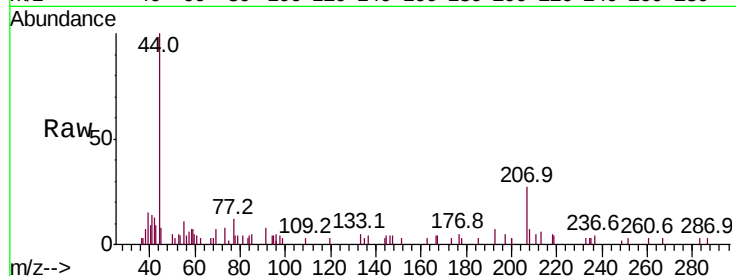


#11

Tert butyl alcohol
 Concen: 172.054 ug/l
 RT: 2.68 min Scan# 218
 Delta R.T. -0.03 min
 Lab File: VF062501.D
 Acq: 12 May 2019 14:21

Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-0002-01

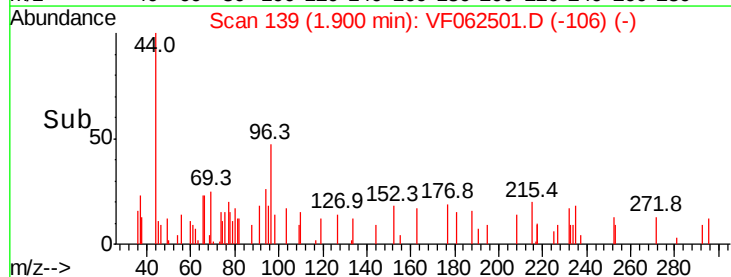
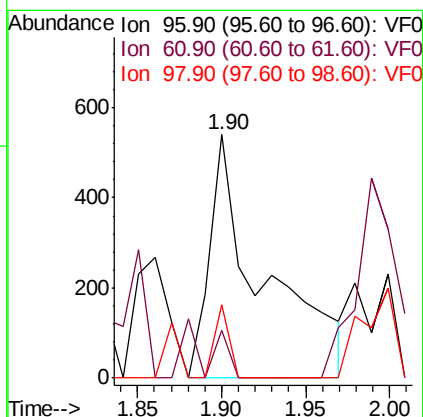
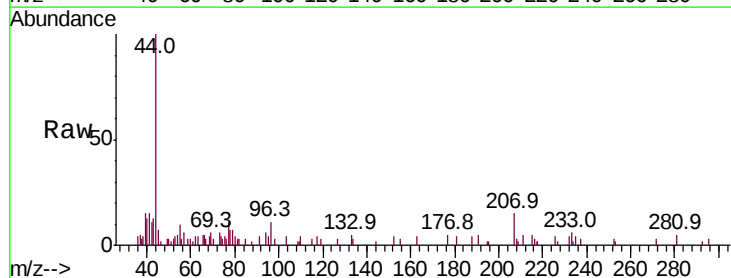
Tot Ion: 59 Resp: 982
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.3 13.9#

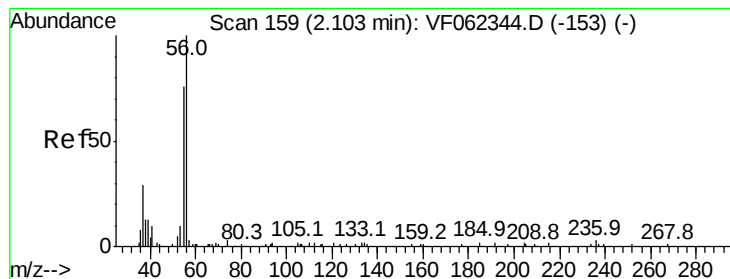


#12

1,1-Dichloroethene
 Concen: 14.659 ug/l
 RT: 1.90 min Scan# 139
 Delta R.T. 0.02 min
 Lab File: VF062501.D
 Acq: 12 May 2019 14:21

Tgt Ion: 96 Resp: 1201
 Ion Ratio Lower Upper
 96 100
 61 0.0 163.2 244.8#
 98 30.0 55.2 82.8#





#13

Acrolein

Concen: 130.191 ug/l

RT: 2.07 min Scan# 156

Delta R.T. -0.04 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

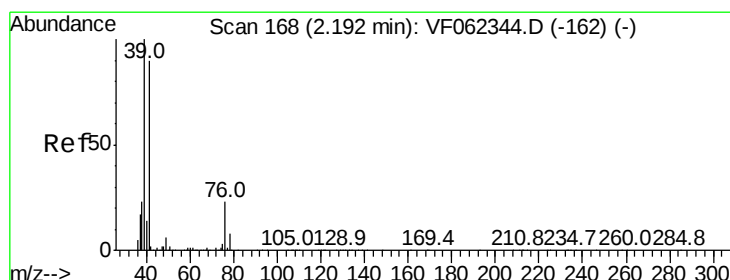
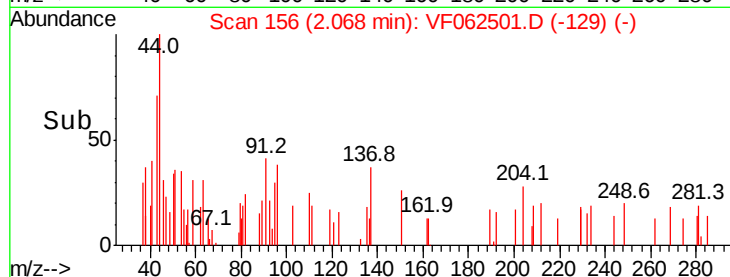
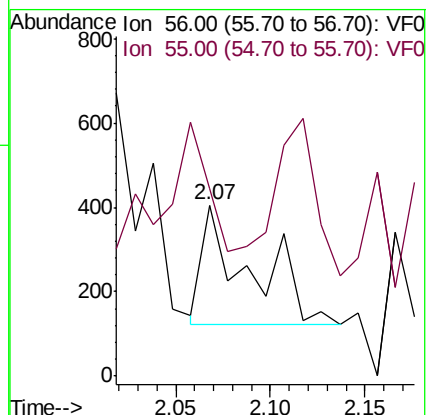
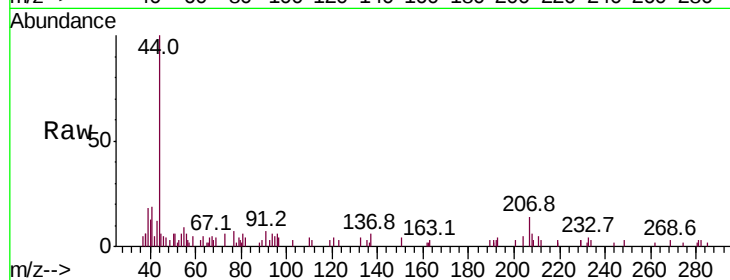
P026-SS012-0002-01

Tot Ion: 56 Resp: 495

Ion Ratio Lower Upper

56 100

55 68.3 58.4 87.6



#14

Allyl chloride

Concen: 6.204 ug/l

RT: 2.22 min Scan# 171

Delta R.T. 0.02 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

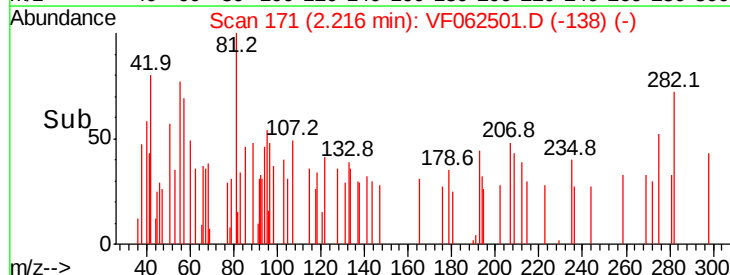
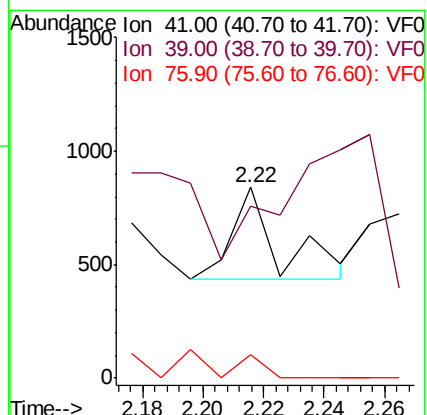
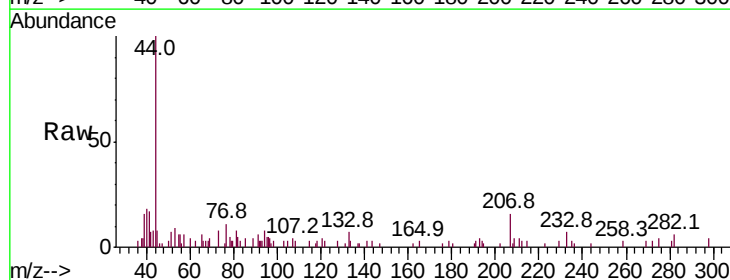
Tgt Ion: 41 Resp: 449

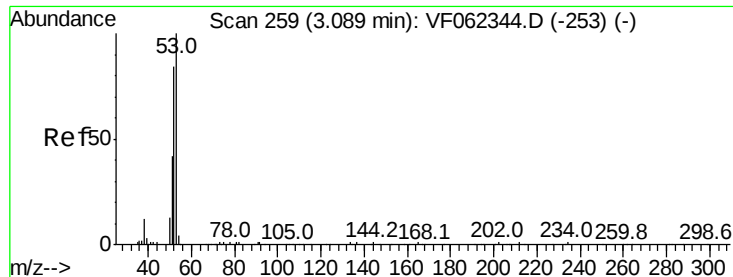
Ion Ratio Lower Upper

41 100

39 0.0 90.8 136.2#

76 29.8 22.2 33.4





#15

Acrylonitrile

Concen: 38.755 ug/l

RT: 3.09 min Scan# 260

Delta R.T. 0.00 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

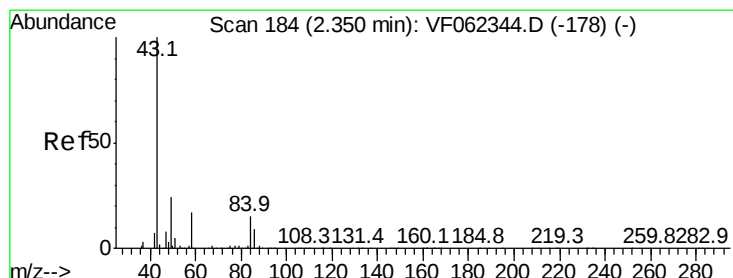
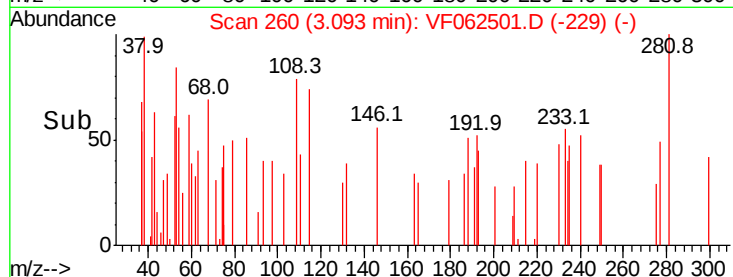
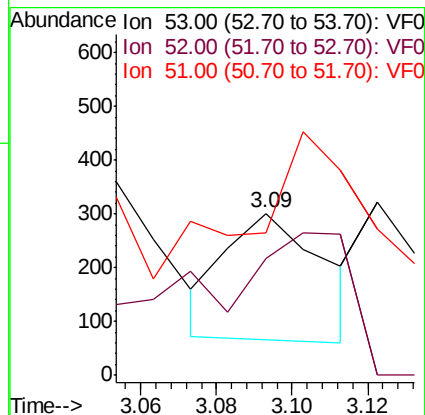
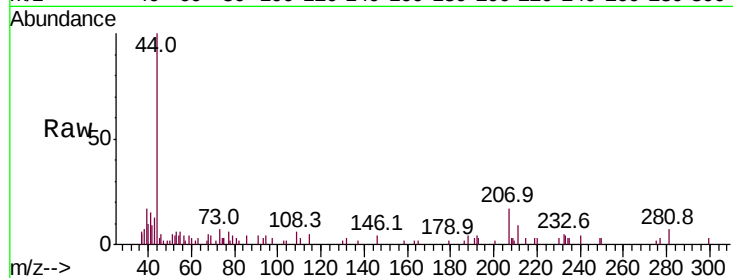
Tot Ion: 53 Resp: 419

Ion Ratio Lower Upper

53 100

52 187.4 77.2 115.8#

51 445.8 40.6 61.0#



#16

Acetone

Concen: 609.184 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.00 min

Lab File: VF062501.D

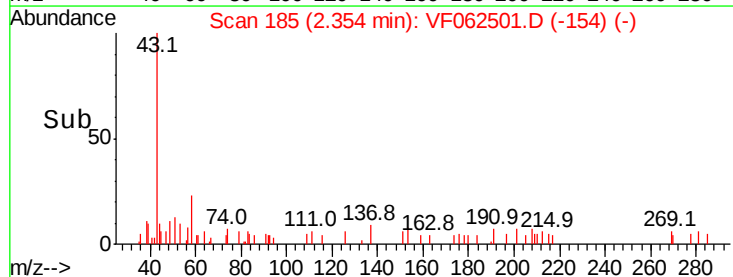
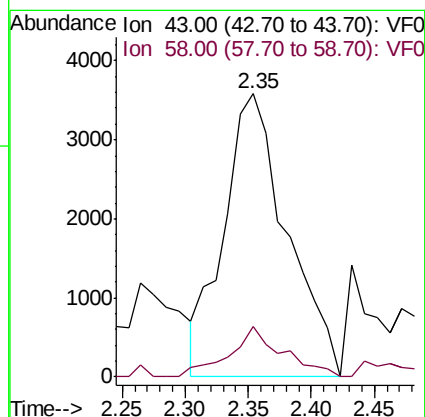
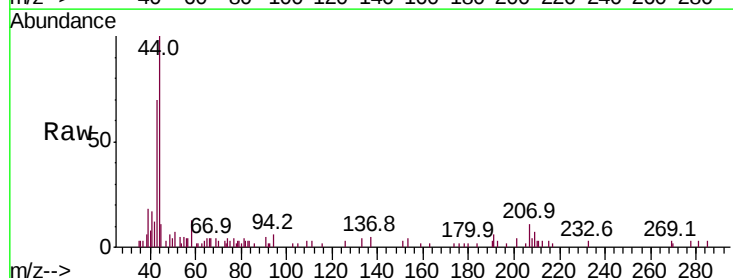
Acq: 12 May 2019 14:21

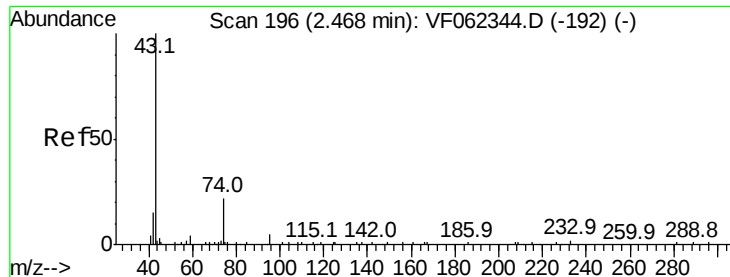
Tgt Ion: 43 Resp: 12445

Ion Ratio Lower Upper

43 100

58 17.9 13.1 19.7

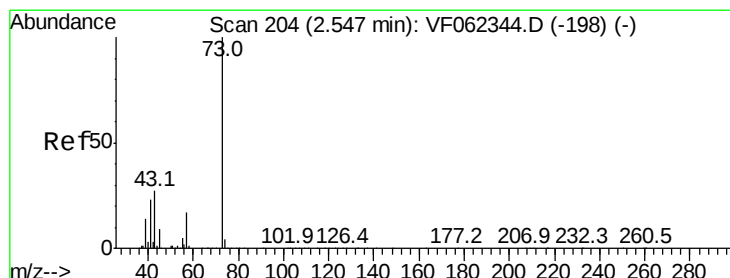
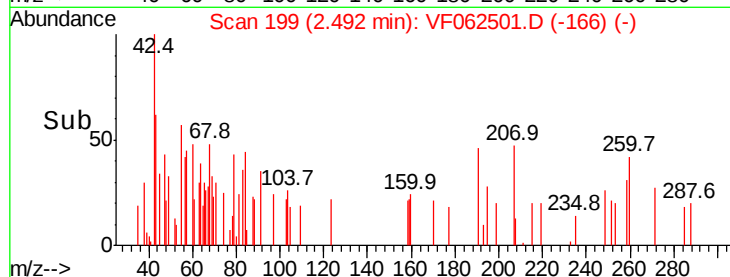
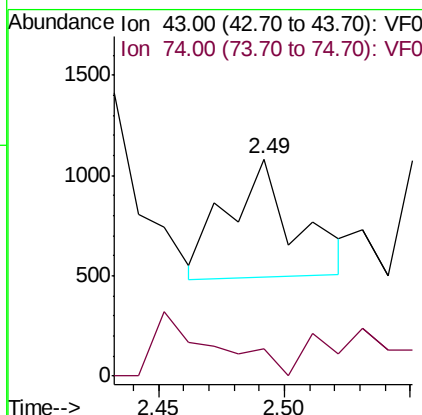
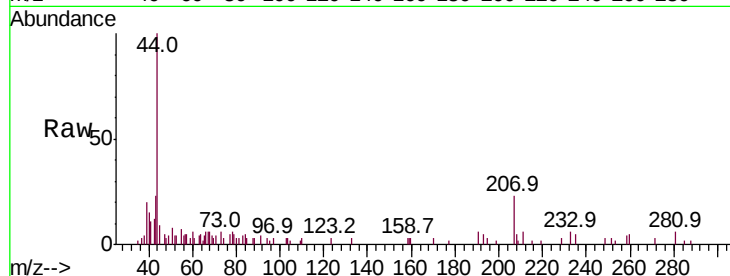




#18
Methyl Acetate
Concen: 28.358 ug/l
RT: 2.49 min Scan# 199
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

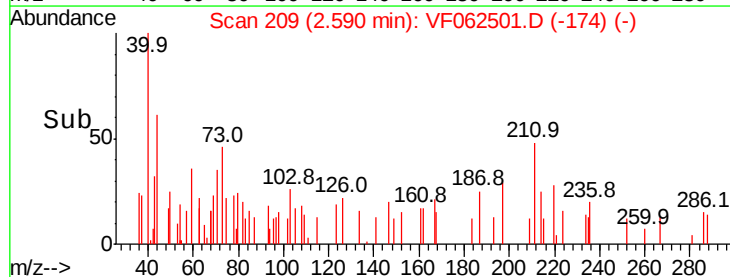
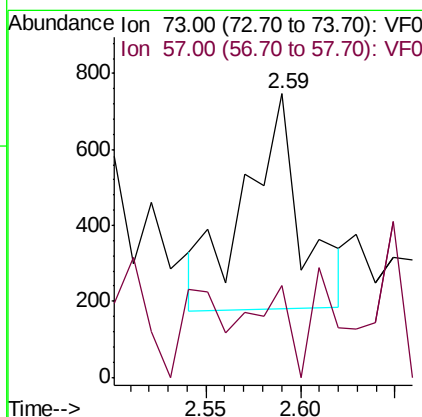
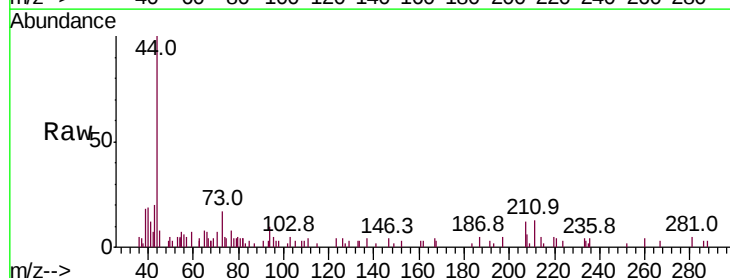
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

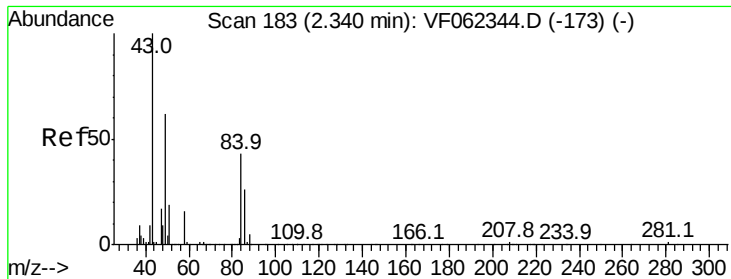
Tot Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
74 0.0 15.0 22.4#



#19
Methyl tert-butyl Ether
Concen: 6.918 ug/l
RT: 2.59 min Scan# 209
Delta R.T. 0.04 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 73 Resp: 1170
Ion Ratio Lower Upper
73 100
57 27.0 13.7 20.5#





#20

Methylene Chloride

Concen: 5.101 ug/l

RT: 2.36 min Scan# 186

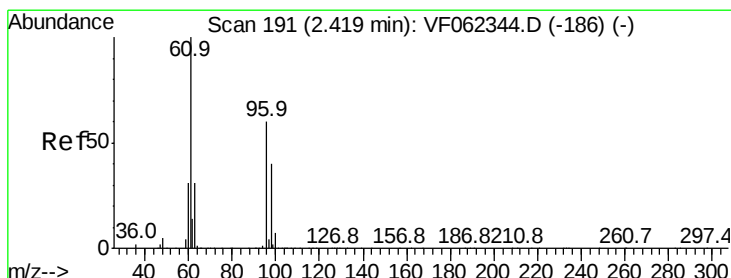
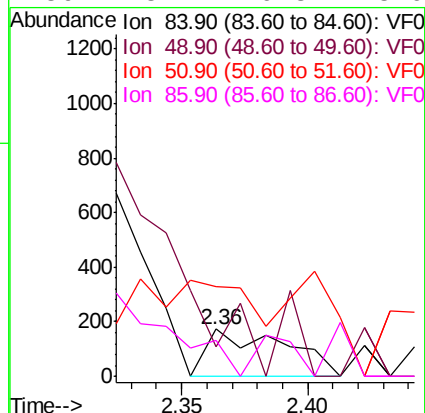
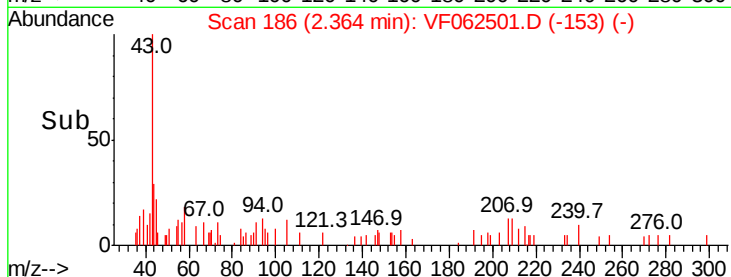
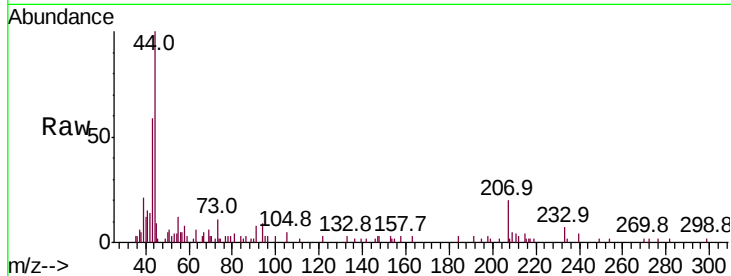
Delta R.T. 0.02 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tot Ion:	84	Resp:	377
Ion	Ratio	Lower	Upper
84	100		
49	61.5	117.5	176.3#
51	64.9	37.0	55.4#
86	18.4	49.3	73.9#



#21

trans-1,2-Dichloroethene

Concen: 8.993 ug/l

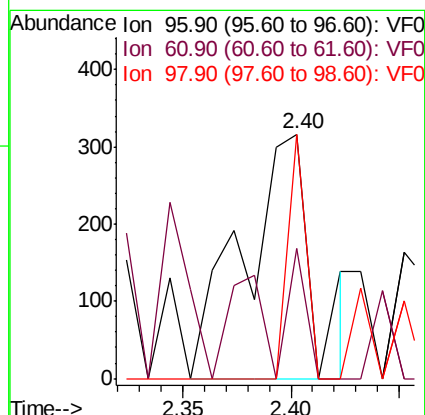
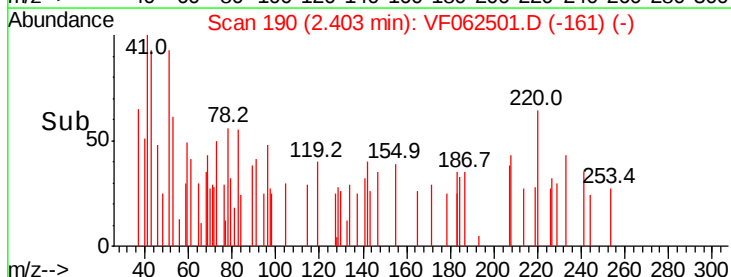
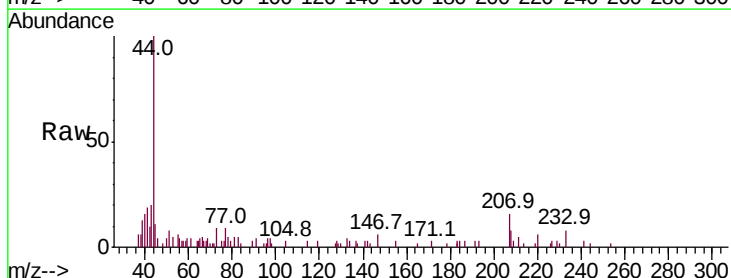
RT: 2.40 min Scan# 190

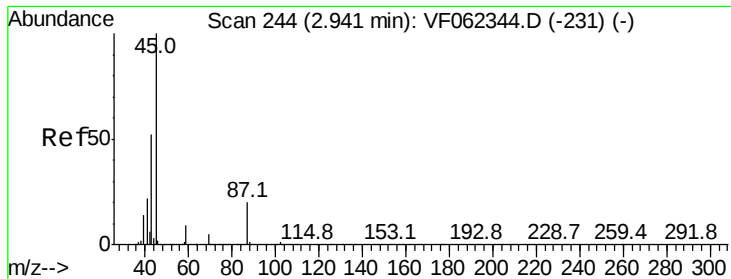
Delta R.T. -0.02 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Tgt Ion:	96	Resp:	702
Ion	Ratio	Lower	Upper
96	100		
61	53.2	133.2	199.8#
98	100.0	53.1	79.7#





#22

Diisopropyl ether

Concen: 5.982 ug/l

RT: 2.93 min Scan# 243

Delta R.T. -0.02 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

Tot Ion: 45 Resp: 1353

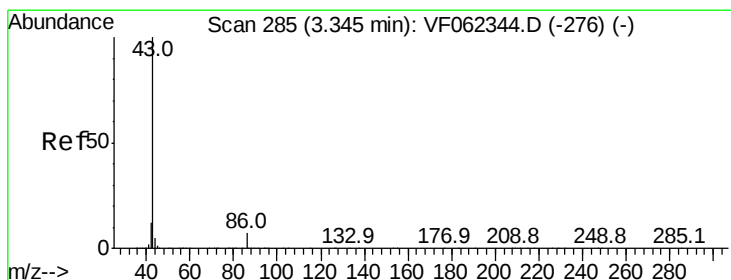
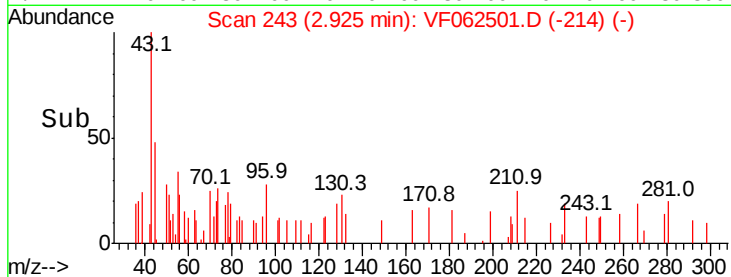
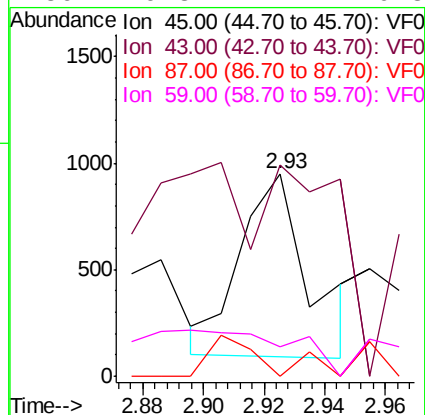
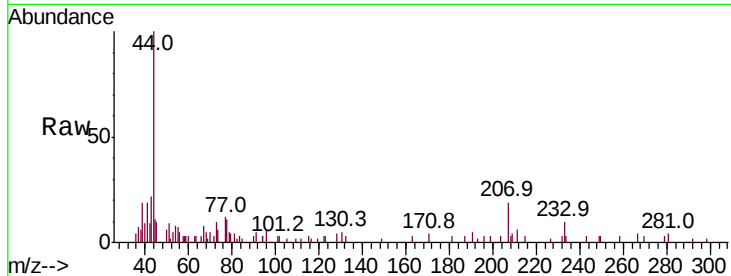
Ion Ratio Lower Upper

45 100

43 9.4 41.4 62.0#

87 0.0 15.8 23.6#

59 19.3 7.2 10.8#



#23

Vinyl Acetate

Concen: 4.017 ug/l

RT: 3.36 min Scan# 287

Delta R.T. 0.01 min

Lab File: VF062501.D

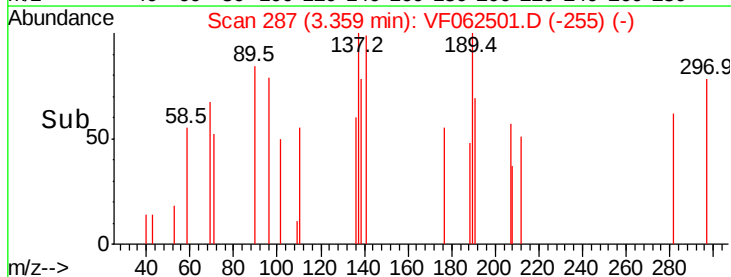
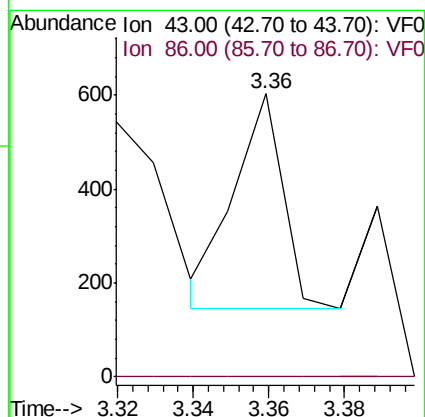
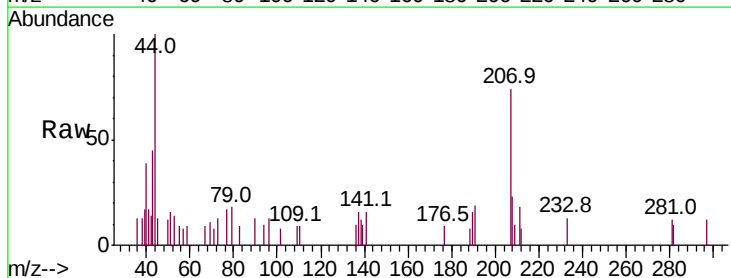
Acq: 12 May 2019 14:21

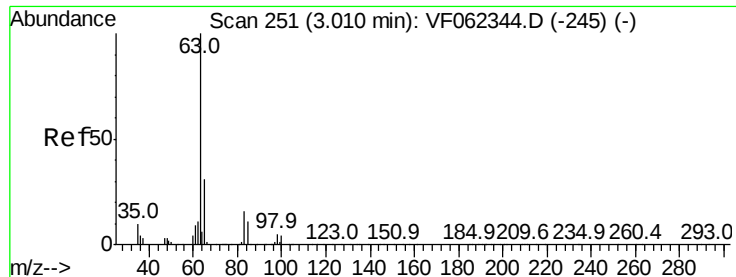
Tgt Ion: 43 Resp: 405

Ion Ratio Lower Upper

43 100

86 0.0 5.7 8.5#





#24

1,1-Dichloroethane

Concen: 3.533 ug/l

RT: 3.02 min Scan# 253

Delta R.T. 0.01 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

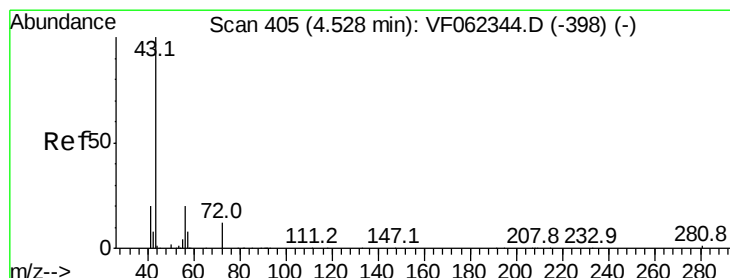
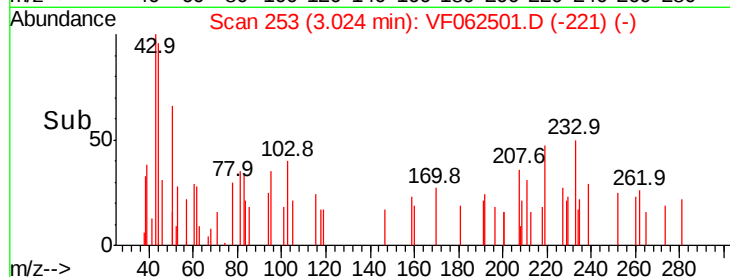
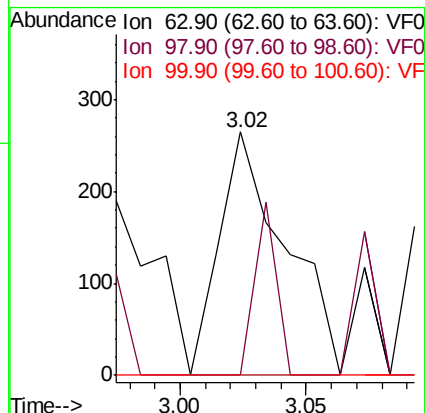
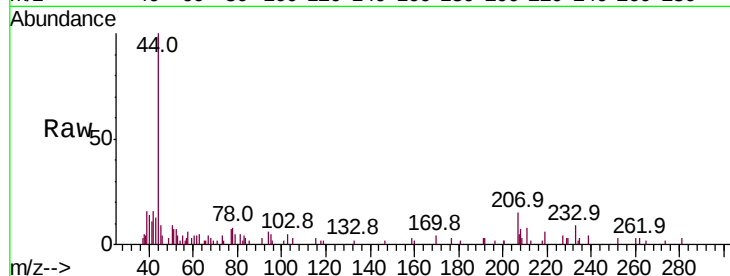
Tot Ion: 63 Resp: 483

Ion Ratio Lower Upper

63 100

98 0.0 2.6 8.0#

100 42.3 1.8 5.4#



#25

2-Butanone

Concen: 41.807 ug/l

RT: 4.52 min Scan# 405

Delta R.T. -0.01 min

Lab File: VF062501.D

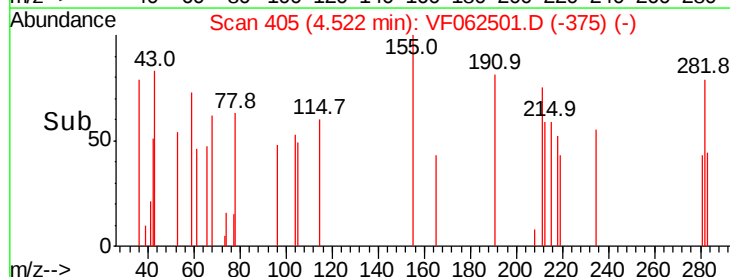
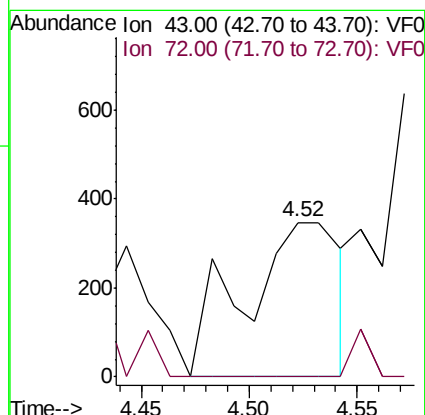
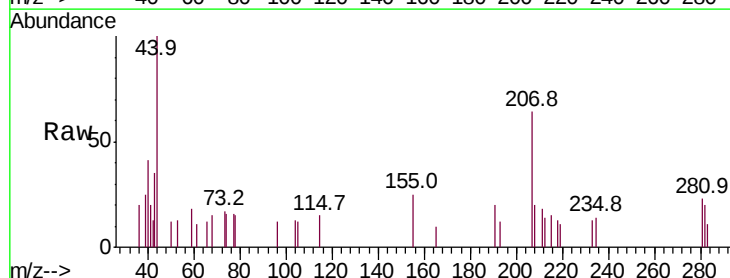
Acq: 12 May 2019 14:21

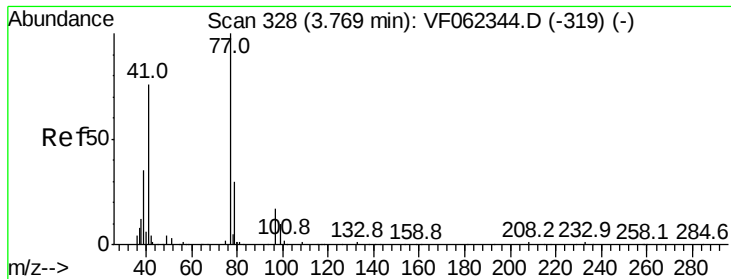
Tgt Ion: 43 Resp: 1073

Ion Ratio Lower Upper

43 100

72 0.0 14.2 21.4#





#26

2,2-Dichloropropane

Concen: 8.802 ug/l

RT: 3.71 min Scan# 323

Delta R.T. -0.06 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

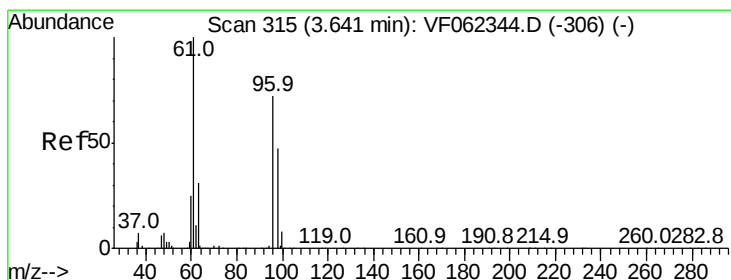
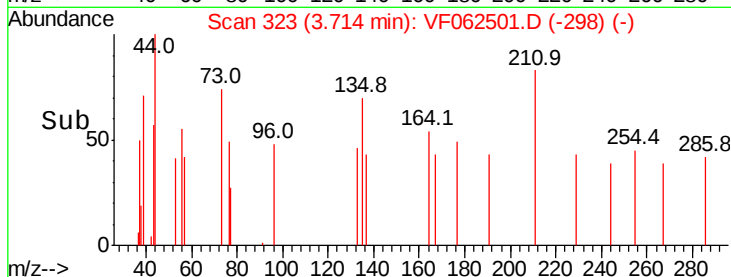
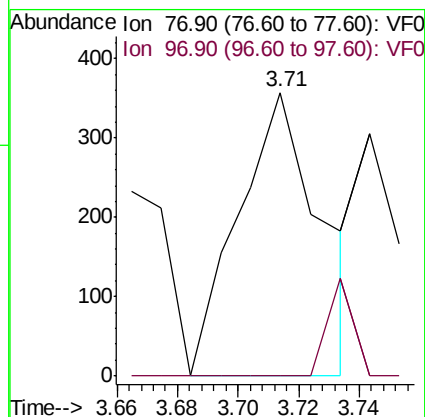
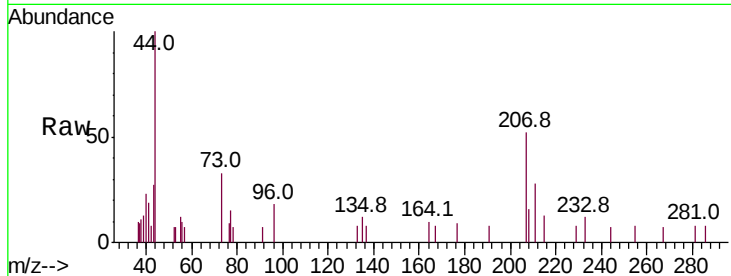
P026-SS012-0002-01

Tot Ion: 77 Resp: 672

Ion Ratio Lower Upper

77 100

97 10.9 9.5 28.5



#27

cis-1,2-Dichloroethene

Concen: 1.302 ug/l

RT: 3.67 min Scan# 319

Delta R.T. 0.03 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

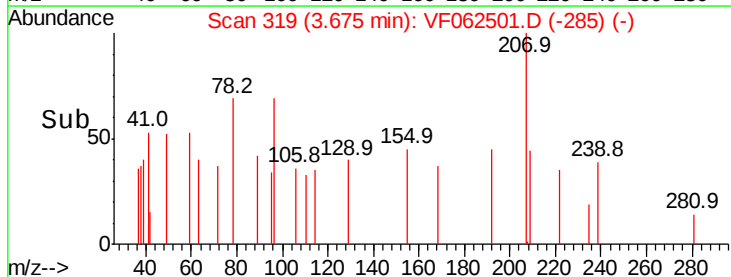
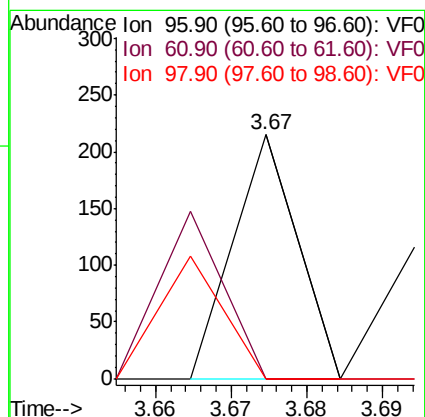
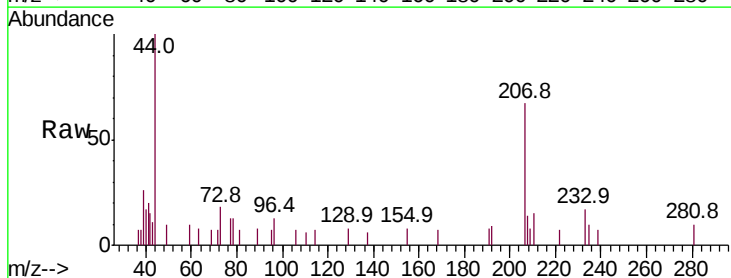
Tgt Ion: 96 Resp: 127

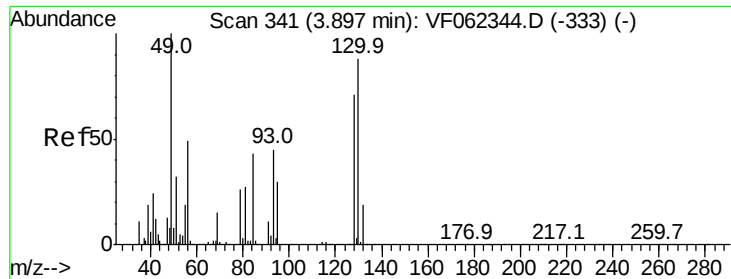
Ion Ratio Lower Upper

96 100

61 134.6 0.0 263.0

98 50.4 0.0 130.8

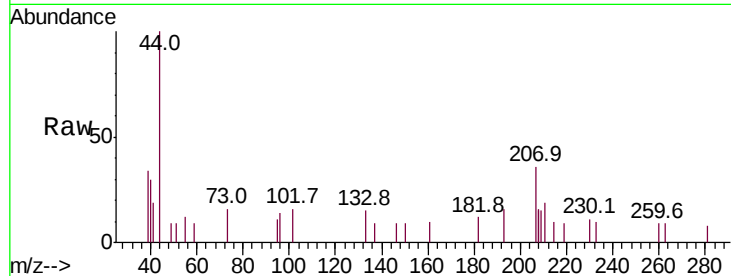




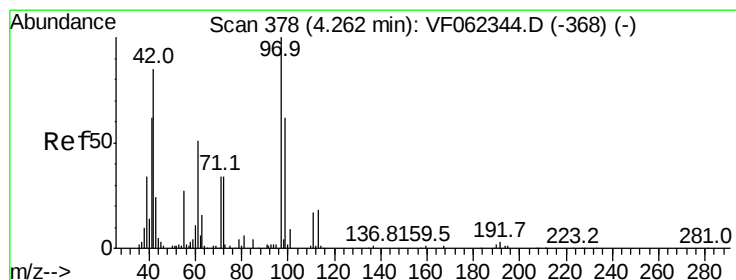
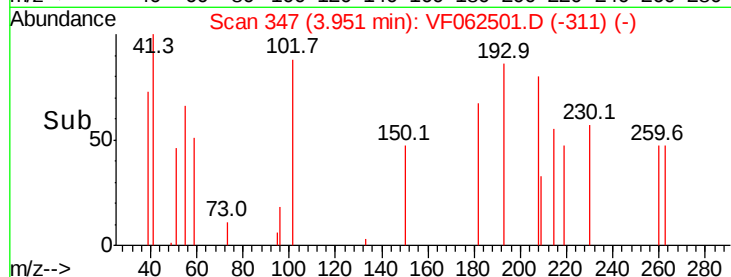
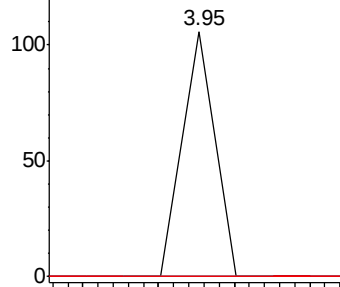
#28
Bromochloromethane
Concen: 1.016 ug/l
RT: 3.95 min Scan# 347
Delta R.T. 0.05 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tot Ion: 49 Resp: 63
Ion Ratio Lower Upper
49 100
129 0.0 0.0 2.2
130 0.0 79.4 119.0#

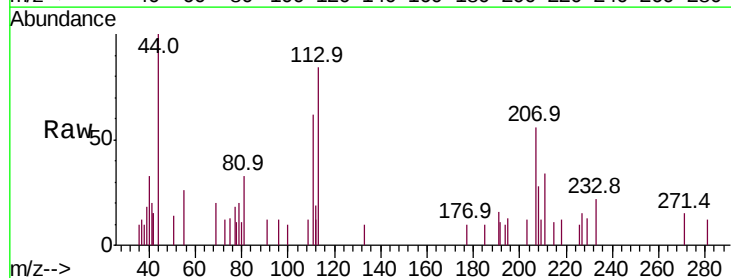


Abundance Ion 48.90 (48.60 to 49.60): VF0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

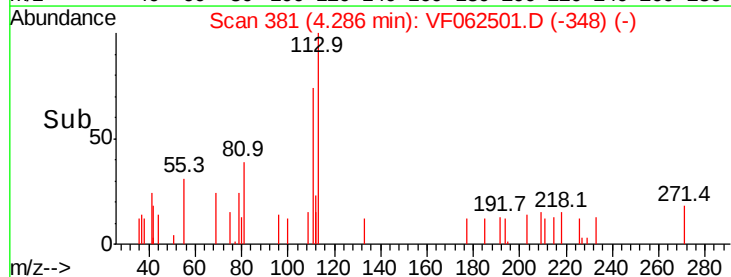
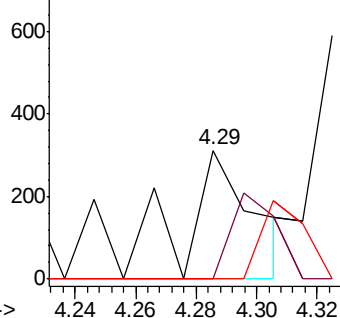


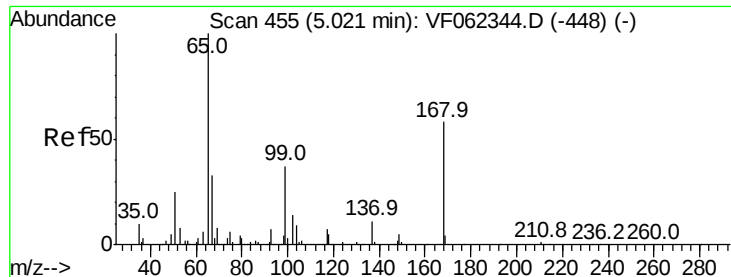
#29
Tetrahydrofuran
Concen: 42.388 ug/l
RT: 4.29 min Scan# 381
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 42 Resp: 500
Ion Ratio Lower Upper
42 100
72 43.0 31.4 47.0
71 38.4 31.7 47.5



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





#33

1,2-Dichloroethane-d4

Concen: 211.324 ug/l

RT: 5.05 min Scan# 459

Delta R.T. 0.03 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

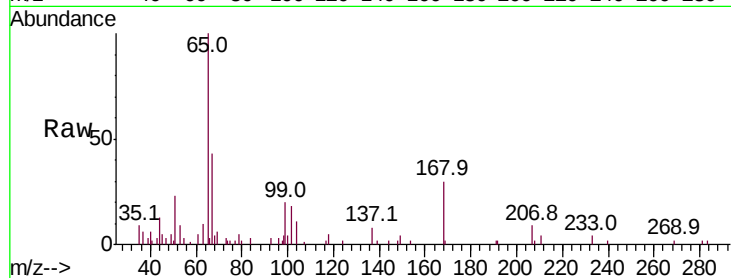
P026-SS012-0002-01

Tot Ion: 65 Resp: 21341

Ion Ratio Lower Upper

65 100

67 48.0 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

8000

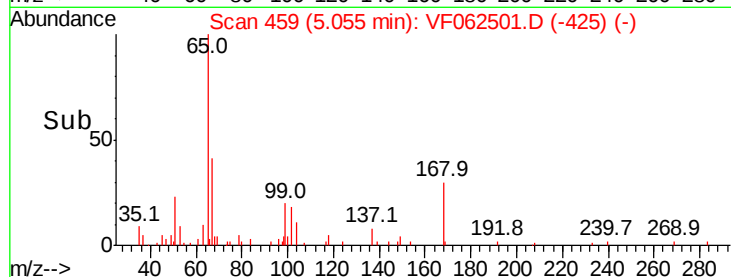
6000

4000

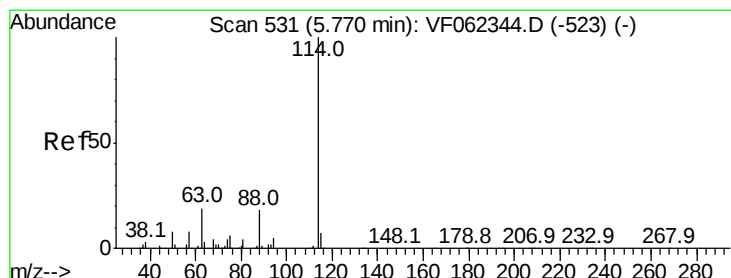
2000

0

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

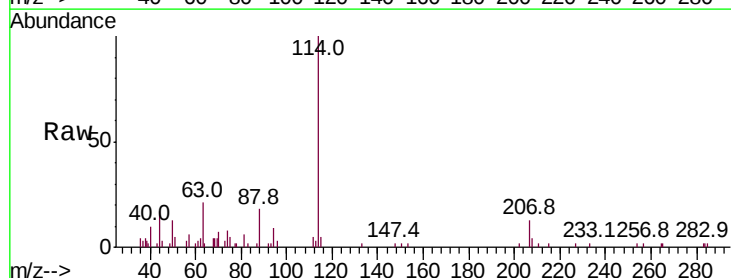
Tgt Ion:114 Resp: 19589

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 18.5 0.0 36.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 87.90 (87.60 to 88.60): VF0

8000

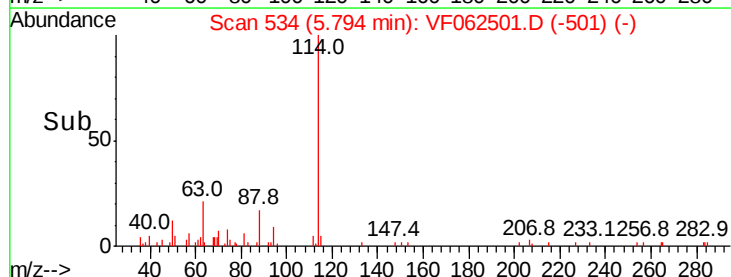
6000

4000

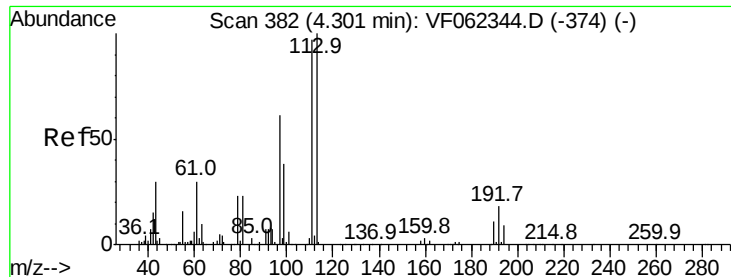
2000

0

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 113.916 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.02 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

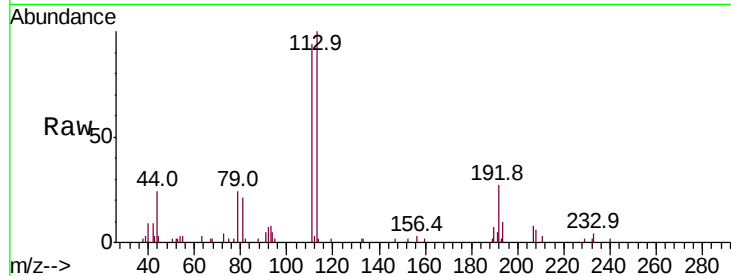
Tot Ion:113 Resp: 17778

Ion Ratio Lower Upper

113 100

111 93.6 79.4 119.0

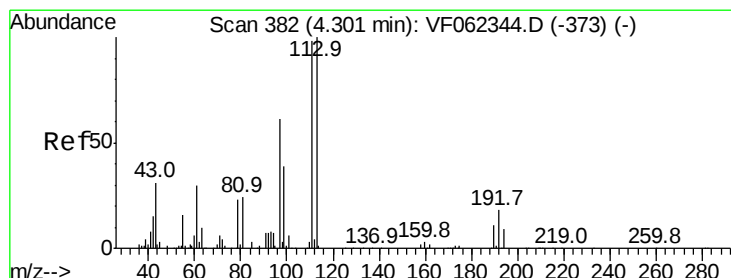
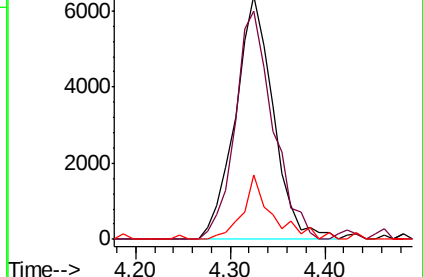
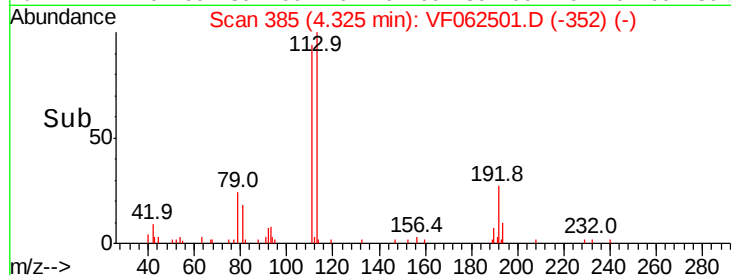
192 20.4 16.0 24.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#37

Ethyl Acetate

Concen: 5.181 ug/l

RT: 4.33 min Scan# 386

Delta R.T. 0.03 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

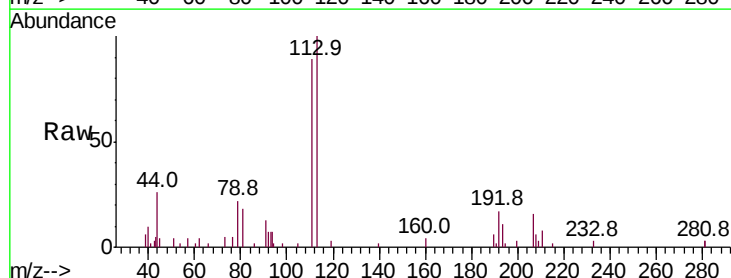
Tgt Ion: 43 Resp: 649

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

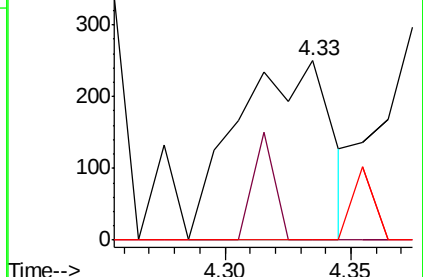
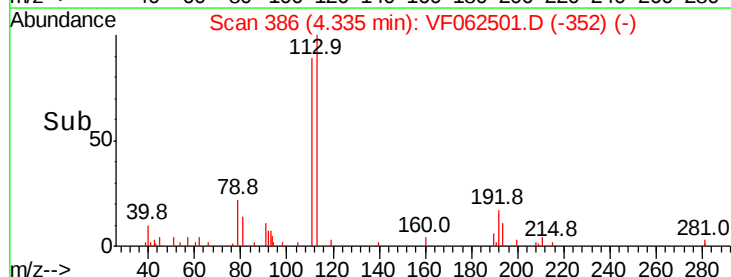
70 9.2 8.2 12.2

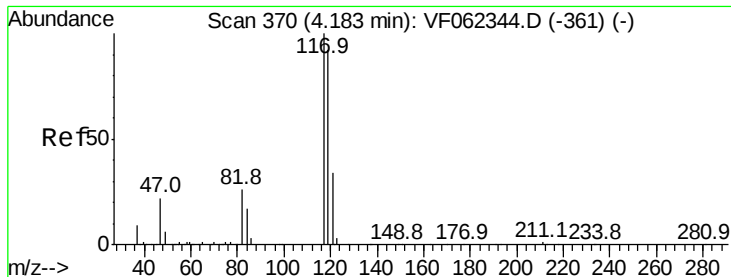


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 70.00 (69.70 to 70.70): VF0





#38

Carbon Tetrachloride

Concen: Below Cal

RT: 4.16 min Scan# 368

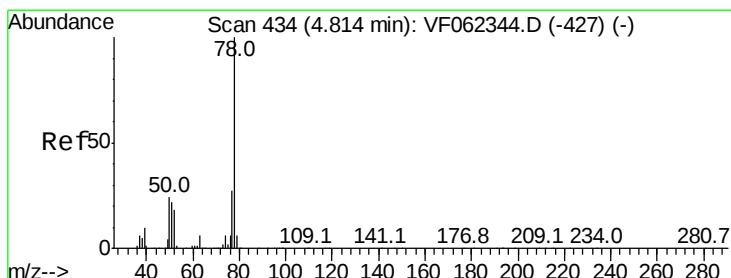
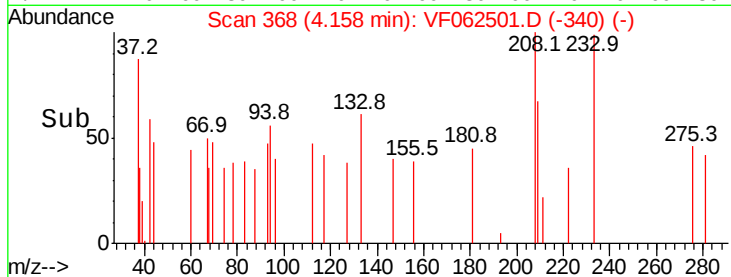
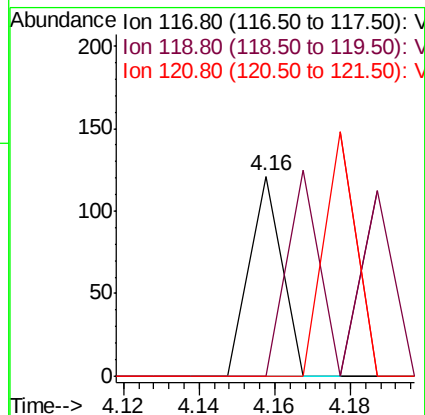
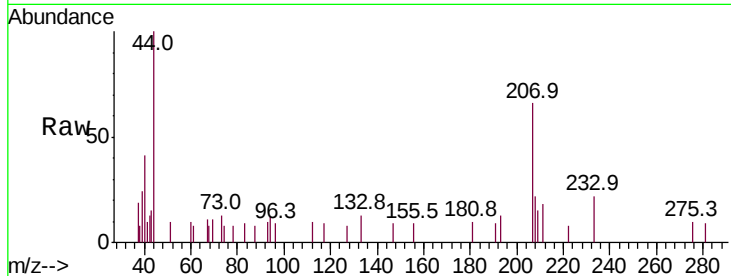
Delta R.T. -0.03 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tot Ion:117 Resp: 72
Ion Ratio Lower Upper
117 100
119 0.0 73.4 110.2#
121 0.0 27.4 41.0#



#40

Benzene

Concen: 1.217 ug/l

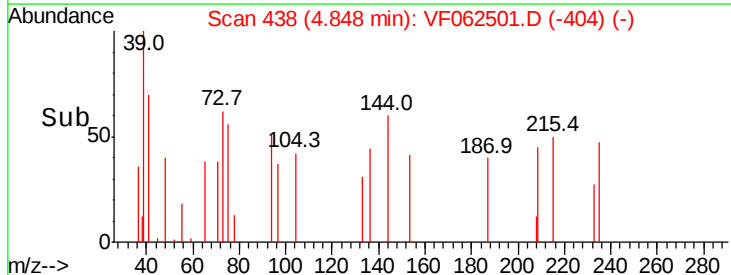
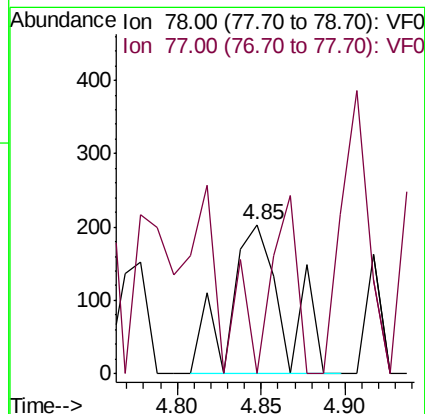
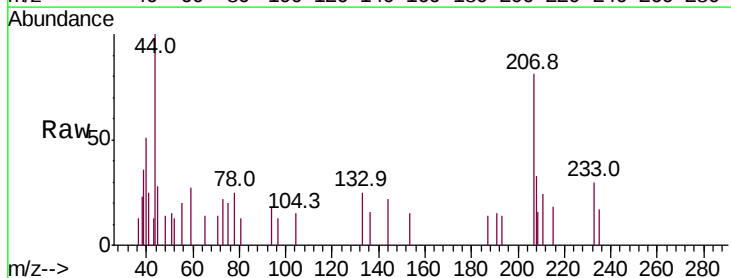
RT: 4.85 min Scan# 438

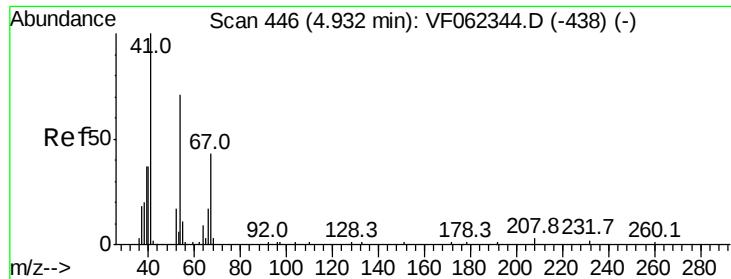
Delta R.T. 0.03 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Tgt Ion: 78 Resp: 451
Ion Ratio Lower Upper
78 100
77 0.0 21.6 32.4#

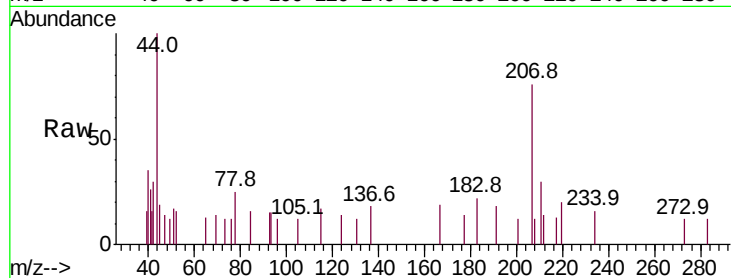




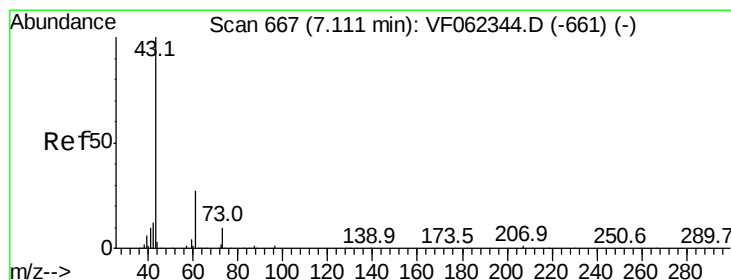
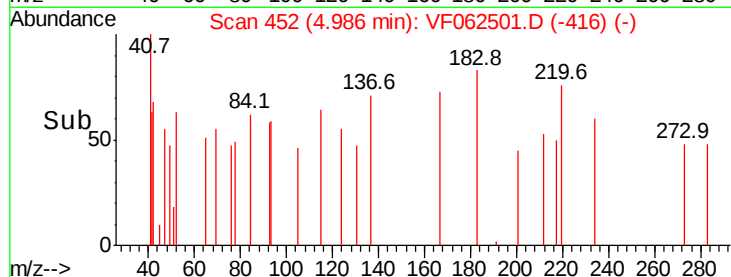
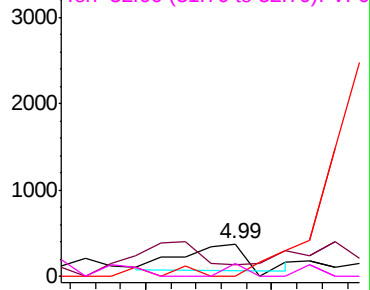
#41
Methacrylonitrile
Concen: 13.978 ug/l
RT: 4.99 min Scan# 452
Delta R.T. 0.05 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tot Ion: 41 Resp: 564
Ion Ratio Lower Upper
41 100
39 153.2 54.3 81.5#
67 0.0 37.8 56.8#
52 15.2 58.2 87.4#

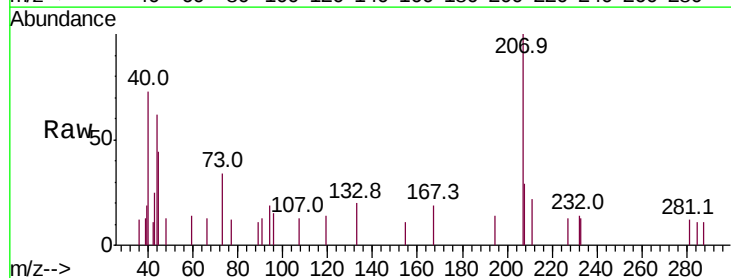


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

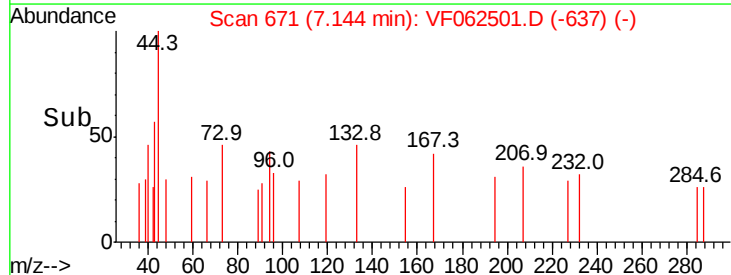
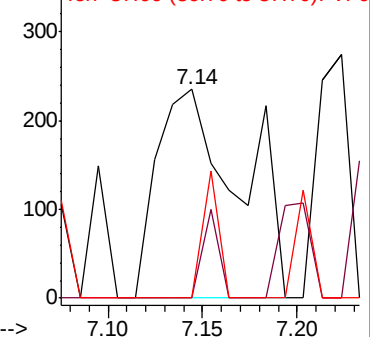


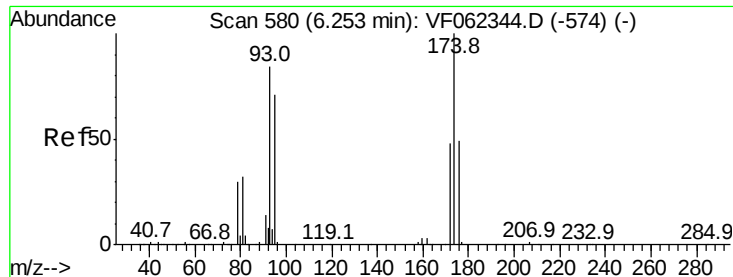
#43
Isopropyl Acetate
Concen: 9.315 ug/l
RT: 7.14 min Scan# 671
Delta R.T. 0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 43 Resp: 713
Ion Ratio Lower Upper
43 100
61 8.3 22.8 34.2#
87 11.9 0.6 1.0#



Abundance Ion 43.00 (42.70 to 43.70): VF0
Ion 61.00 (60.70 to 61.70): VF0
Ion 87.00 (86.70 to 87.70): VF0





#46

Dibromomethane

Concen: 2.342 ug/l

RT: 6.25 min Scan# 580

Delta R.T. -0.01 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

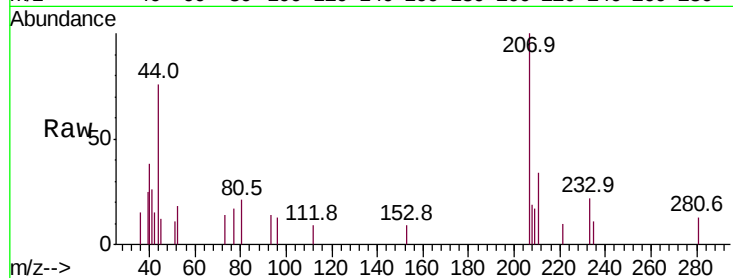
Tot Ion: 93 Resp: 163

Ion Ratio Lower Upper

93 100

95 0.0 68.4 102.6#

174 0.0 99.6 149.4#



Abundance Ion 92.80 (92.50 to 93.50): VF0

Ion 94.80 (94.50 to 95.50): VF0

Ion 173.70 (173.40 to 174.40): V

6.25

150

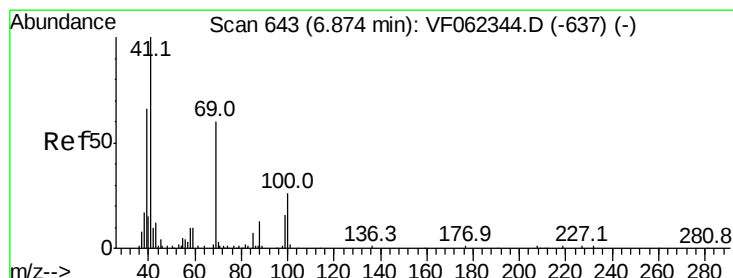
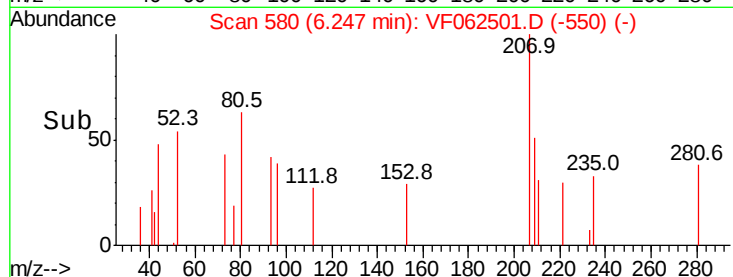
100

50

0

6.20 6.22 6.24 6.26 6.28

Time-->



#48

Methyl methacrylate

Concen: 6.008 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.00 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

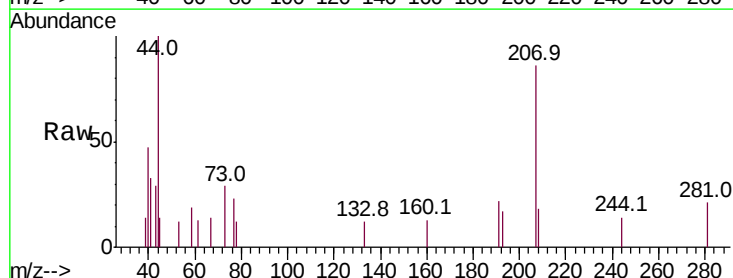
Tgt Ion: 41 Resp: 325

Ion Ratio Lower Upper

41 100

69 36.9 48.6 72.8#

39 0.0 56.1 84.1#



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

500

400

300

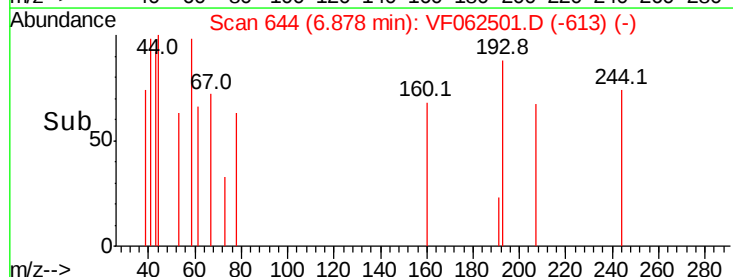
200

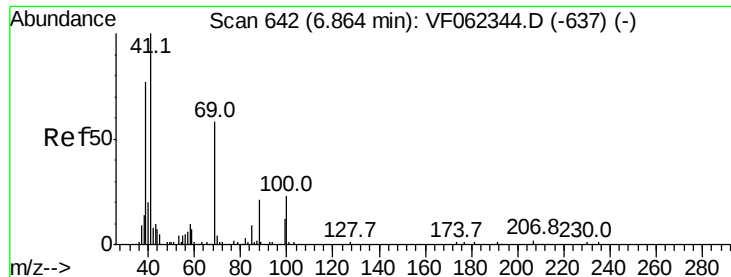
100

0

6.86 6.88

Time-->





#49

1,4-Dioxane

Concen: 223.537 ug/l

RT: 6.78 min Scan# 634

Delta R.T. -0.08 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

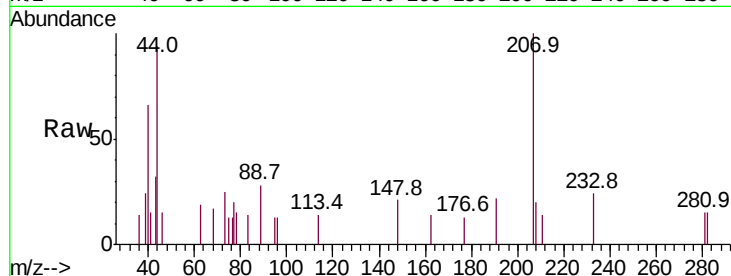
Tot Ion: 88 Resp: 130

Ion Ratio Lower Upper

88 100

43 270.8 55.6 83.4#

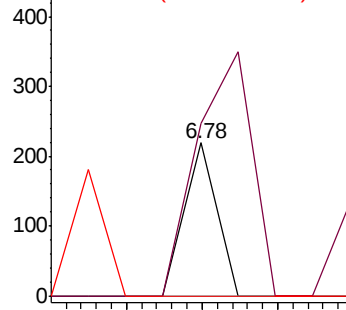
58 0.0 52.8 79.2#



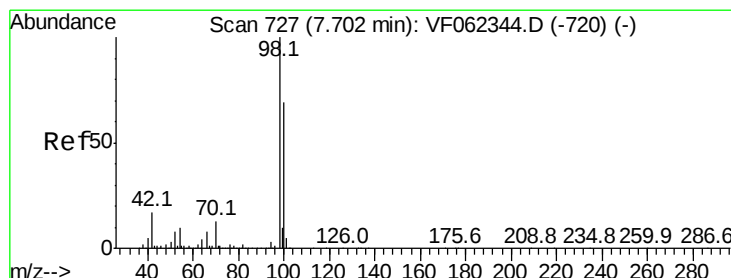
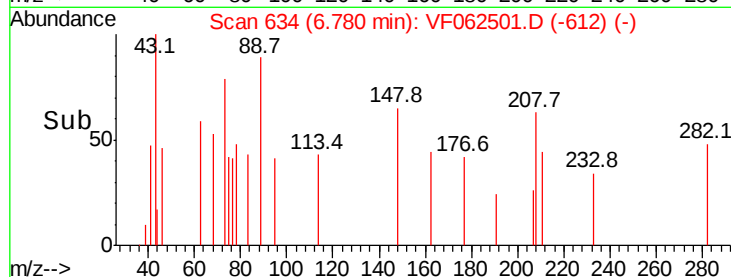
Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



Time-->



#50

Toluene-d8

Concen: 28.885 ug/l

RT: 7.74 min Scan# 731

Delta R.T. 0.03 min

Lab File: VF062501.D

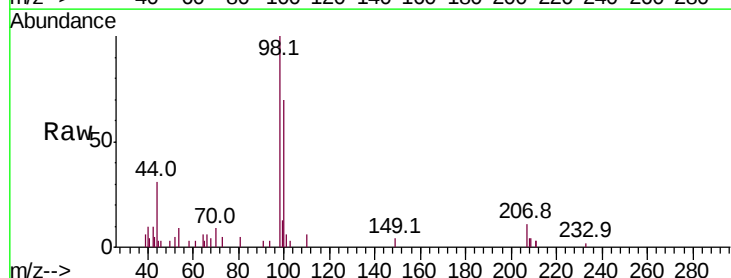
Acq: 12 May 2019 14:21

Tgt Ion: 98 Resp: 10912

Ion Ratio Lower Upper

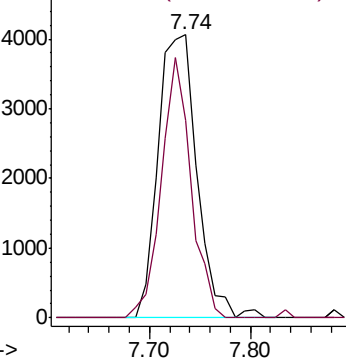
98 100

100 69.8 53.3 79.9

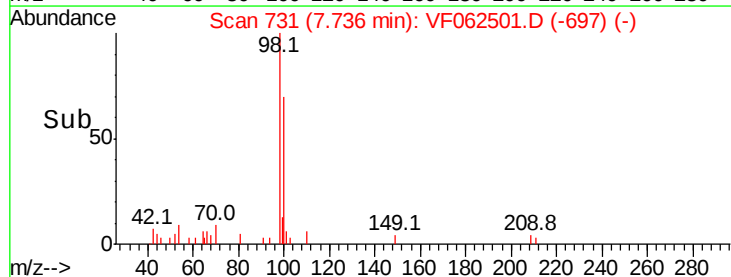


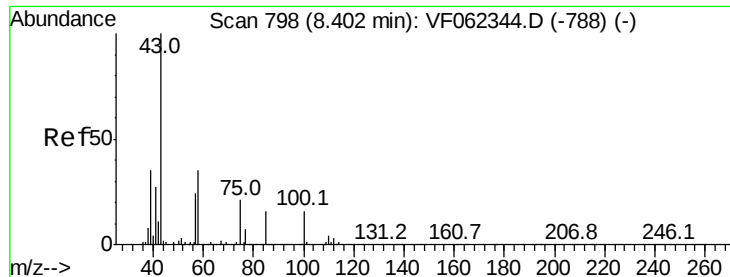
Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 28.915 ug/l

RT: 8.43 min Scan# 801

Delta R.T. 0.02 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

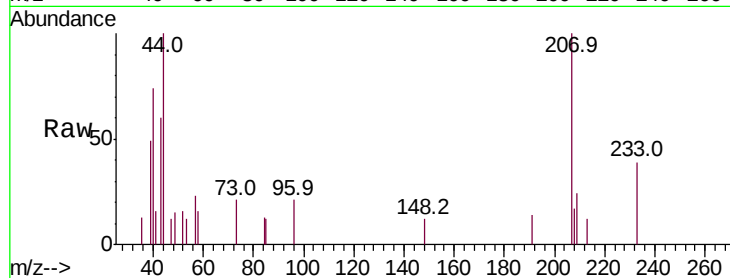
P026-SS012-0002-01

Tot Ion: 43 Resp: 1677

Ion Ratio Lower Upper

43 100

58 13.5 27.8 41.6#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.43

500

400

300

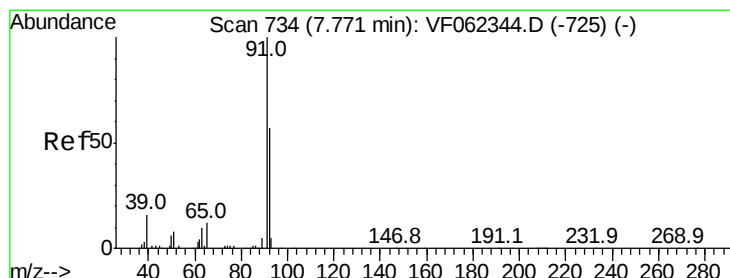
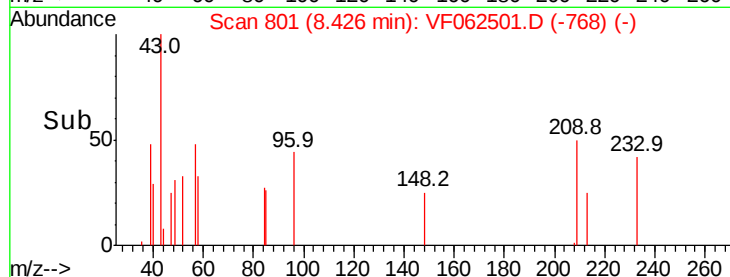
200

100

0

8.30 8.35 8.40 8.45 8.50

Time-->



#52

Toluene

Concen: 1.789 ug/l

RT: 7.79 min Scan# 737

Delta R.T. 0.02 min

Lab File: VF062501.D

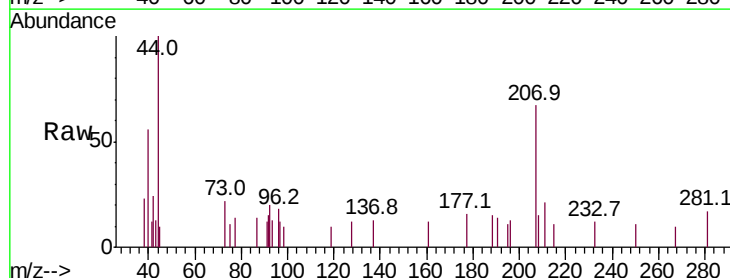
Acq: 12 May 2019 14:21

Tgt Ion: 92 Resp: 409

Ion Ratio Lower Upper

92 100

91 151.6 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.79

400

300

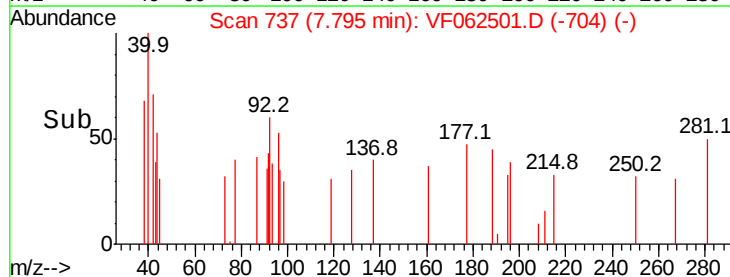
200

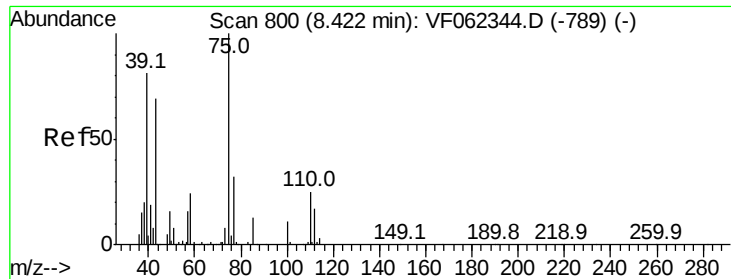
100

0

7.75 7.80

Time-->





#53

t-1,3-Dichloropropene

Concen: 1.527 ug/l

RT: 8.45 min Scan# 803

Delta R.T. 0.02 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

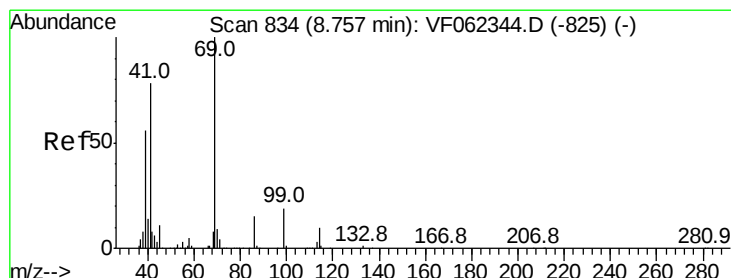
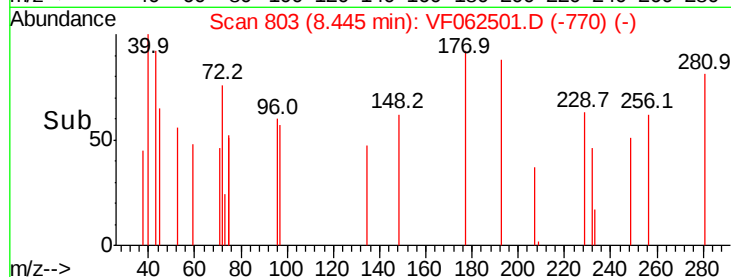
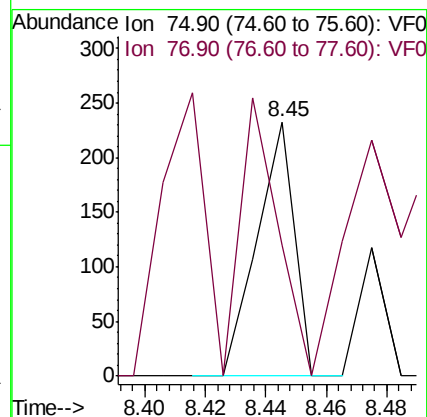
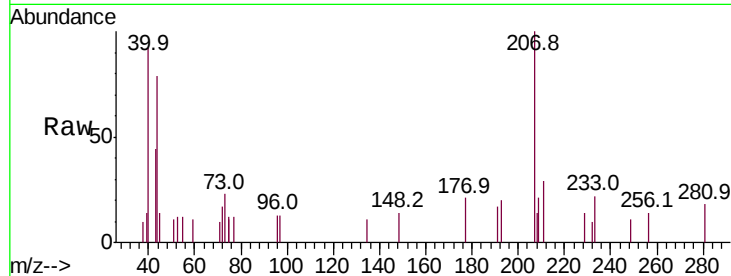
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tot Ion: 75 Resp: 201

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#56

Ethyl methacrylate

Concen: 3.890 ug/l

RT: 8.77 min Scan# 836

Delta R.T. 0.01 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

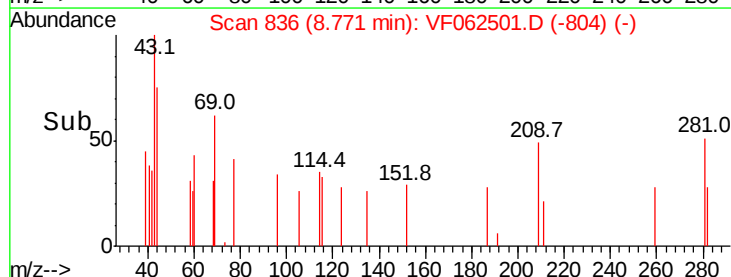
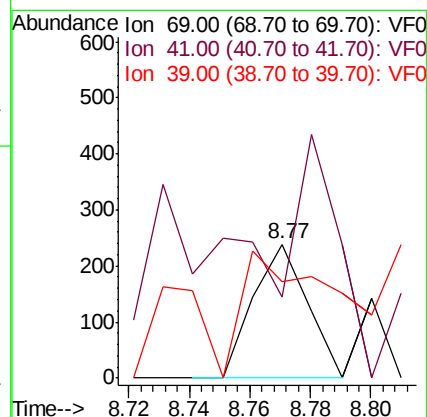
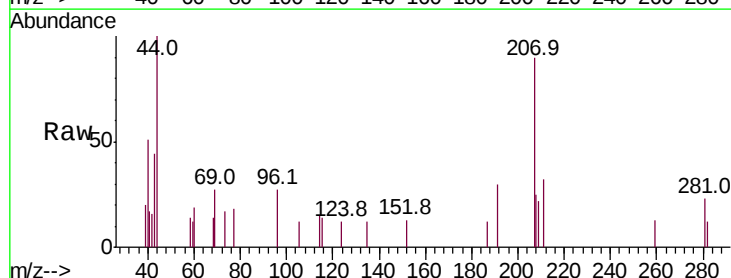
Tgt Ion: 69 Resp: 298

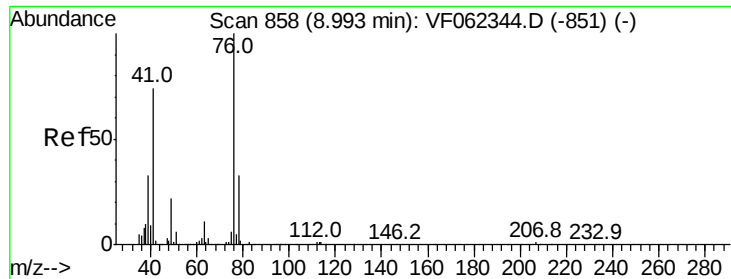
Ion Ratio Lower Upper

69 100

41 163.8 66.3 99.5#

39 167.4 50.1 75.1#





#57

1,3-Dichloropropane

Concen: 1.423 ug/l

RT: 9.09 min Scan# 868

Delta R.T. 0.09 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

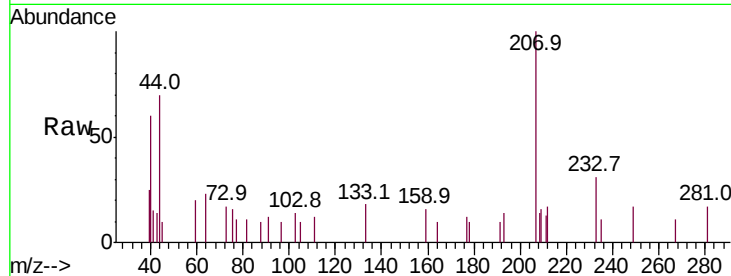
P026-SS012-0002-01

Tot Ion: 76 Resp: 156

Ion Ratio Lower Upper

76 100

78 75.0 26.4 39.6#



Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0

200

150

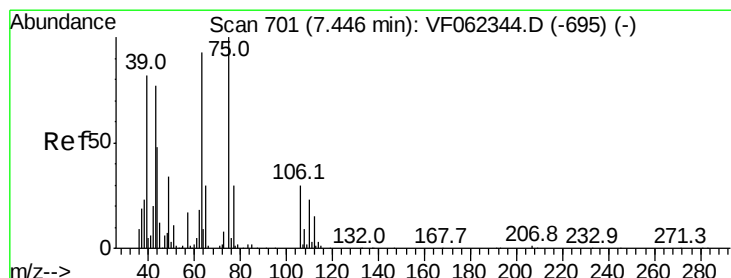
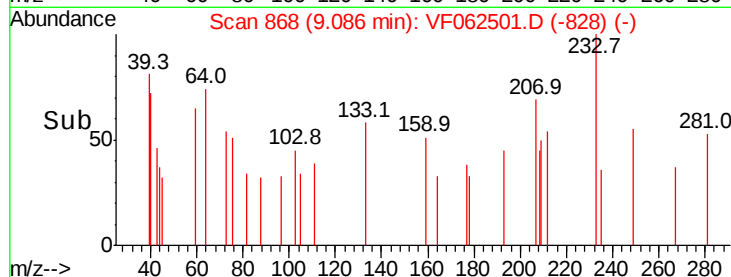
100

50

0

9.04 9.06 9.08 9.10 9.12

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 2.649 ug/l

RT: 7.49 min Scan# 706

Delta R.T. 0.04 min

Lab File: VF062501.D

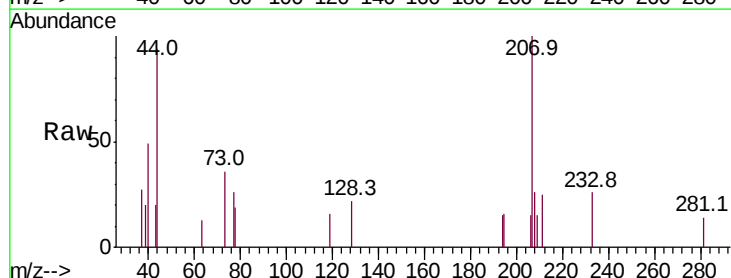
Acq: 12 May 2019 14:21

Tgt Ion: 63 Resp: 61

Ion Ratio Lower Upper

63 100

106 0.0 25.8 38.8#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

120

100

80

60

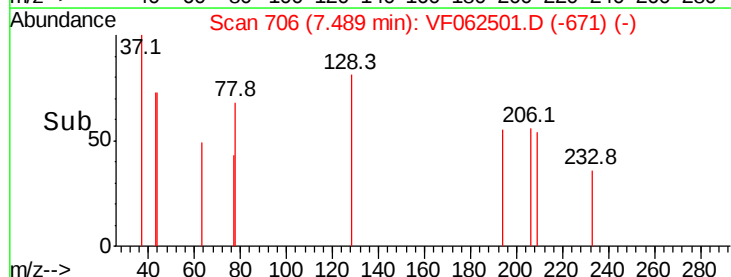
40

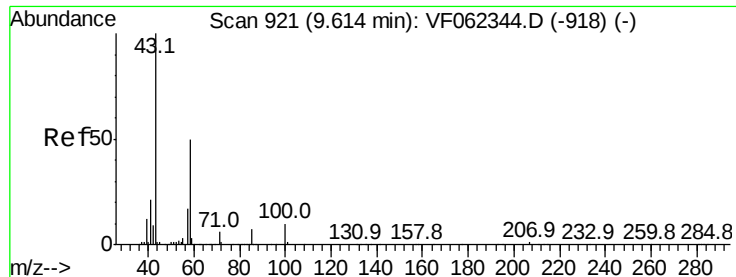
20

0

7.48 7.50

Time-->

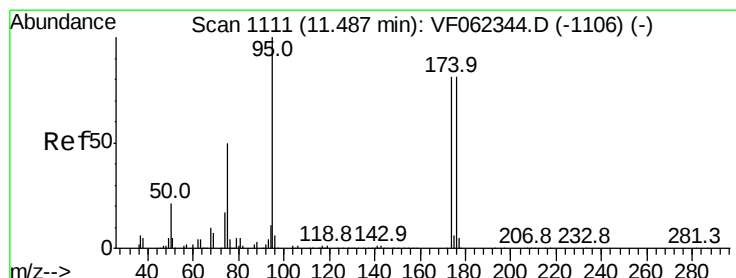
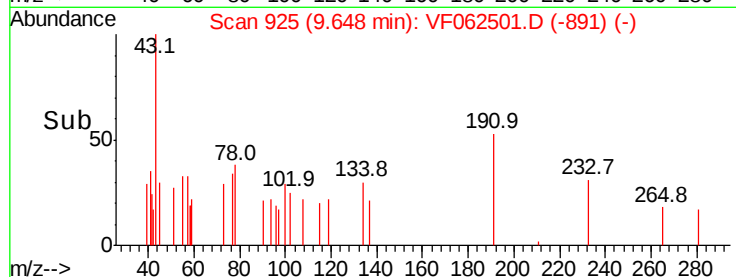
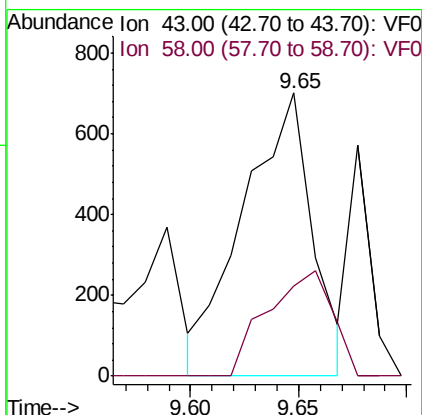
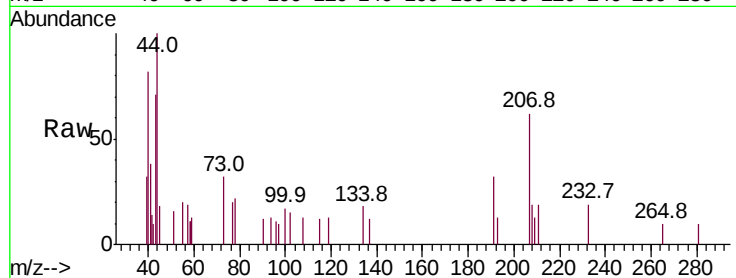




#59
2-Hexanone
Concen: 39.041 ug/l
RT: 9.65 min Scan# 925
Delta R.T. 0.03 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

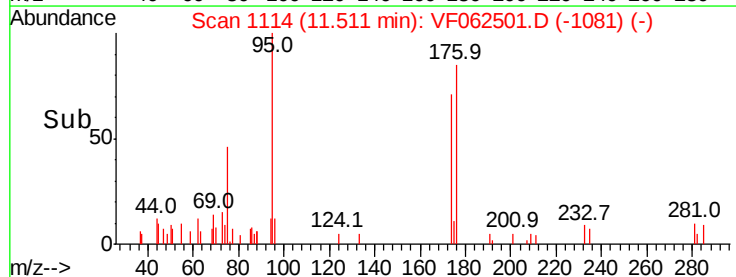
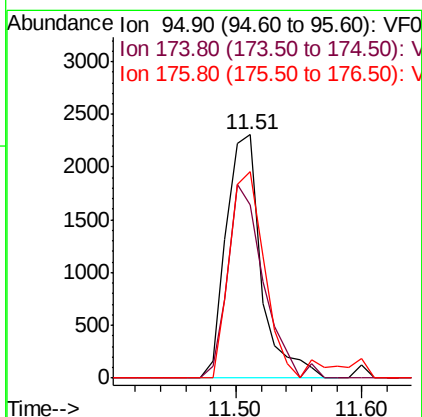
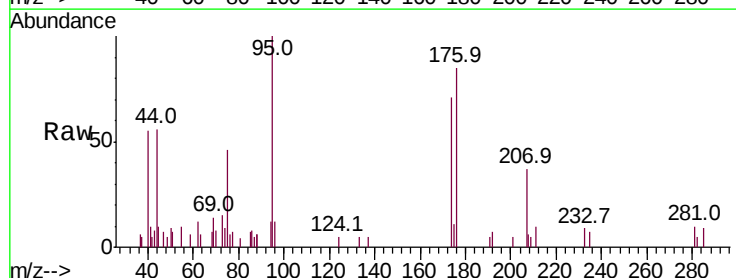
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

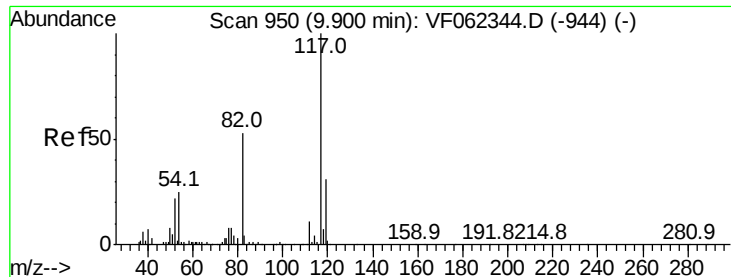
Tot Ion: 43 Resp: 1566
Ion Ratio Lower Upper
43 100
58 35.1 24.3 73.0



#62
4-Bromofluorobenzene
Concen: 26.033 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion: 95 Resp: 4437
Ion Ratio Lower Upper
95 100
174 81.8 0.0 191.8
176 83.6 0.0 193.2

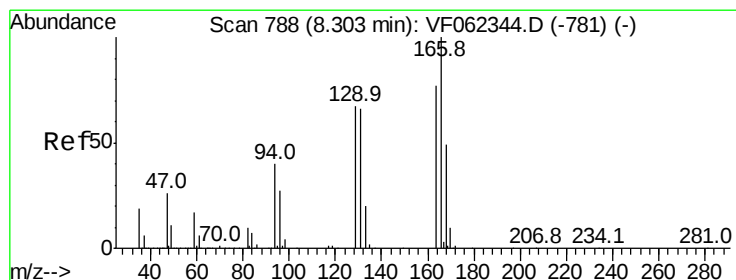
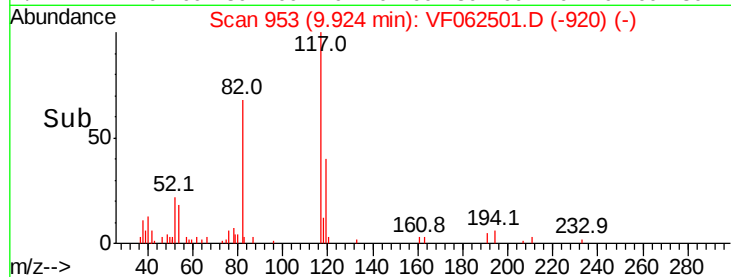
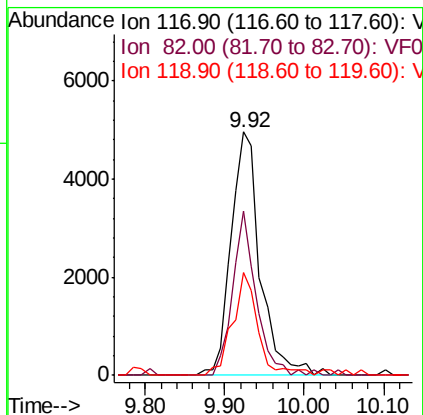
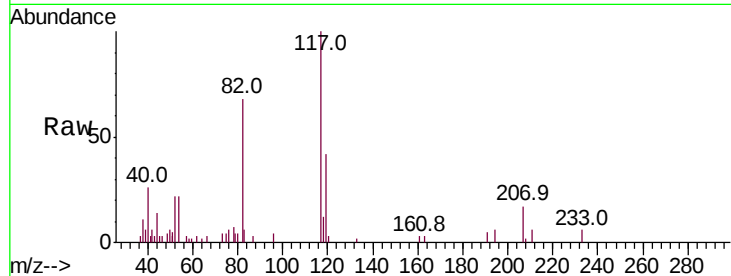




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

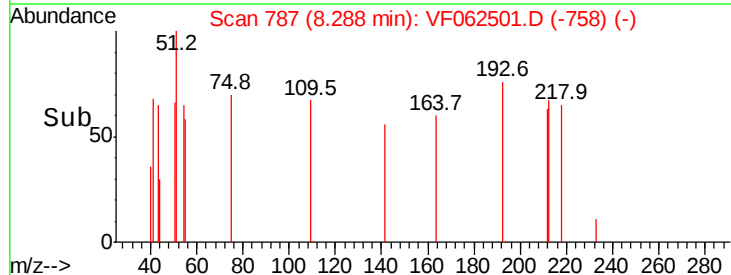
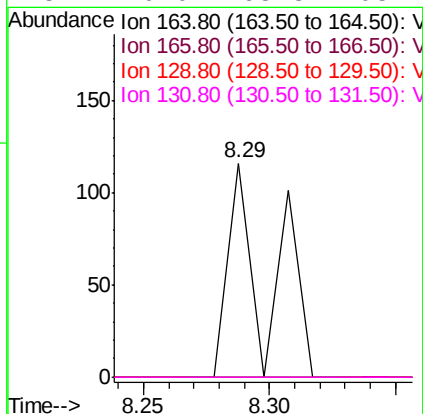
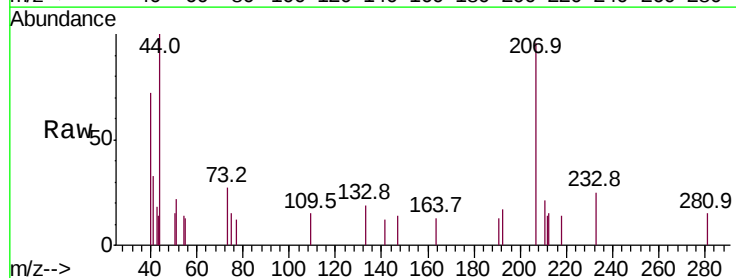
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

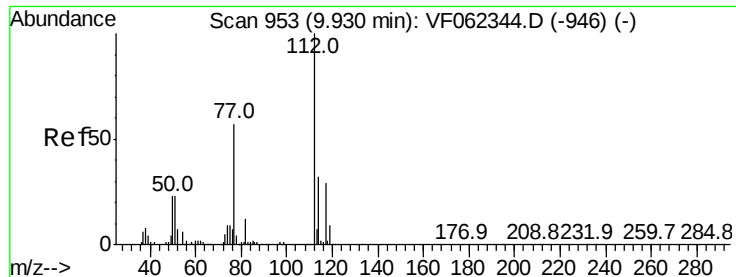
Tot Ion:117 Resp: 12713
Ion Ratio Lower Upper
117 100
82 67.6 42.2 63.2#
119 42.2 25.0 37.4#



#64
Tetrachloroethene
Concen: 1.240 ug/l
RT: 8.29 min Scan# 787
Delta R.T. -0.02 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:164 Resp: 128
Ion Ratio Lower Upper
164 100
166 0.0 104.2 156.4#
129 0.0 69.6 104.4#
131 0.0 68.8 103.2#





#65

Chlorobenzene

Concen: 2.358 ug/l

RT: 9.93 min Scan# 954

Delta R.T. 0.00 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

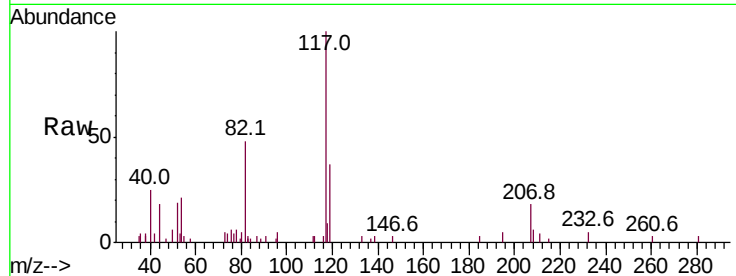
P026-SS012-0002-01

Tot Ion:112 Resp: 496

Ion Ratio Lower Upper

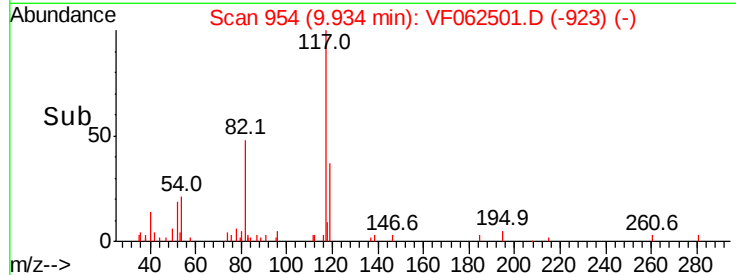
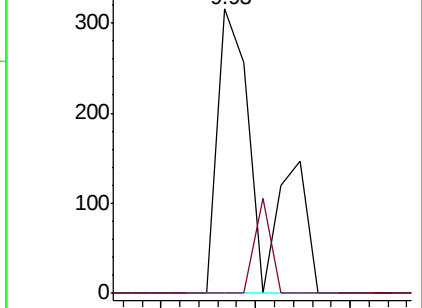
112 100

114 0.0 25.4 38.0#

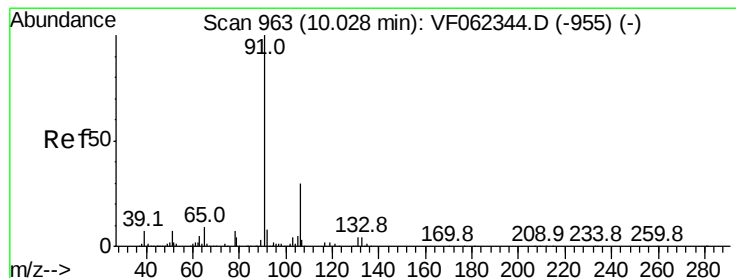


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#67

Ethyl Benzene

Concen: 3.782 ug/l

RT: 10.05 min Scan# 966

Delta R.T. 0.02 min

Lab File: VF062501.D

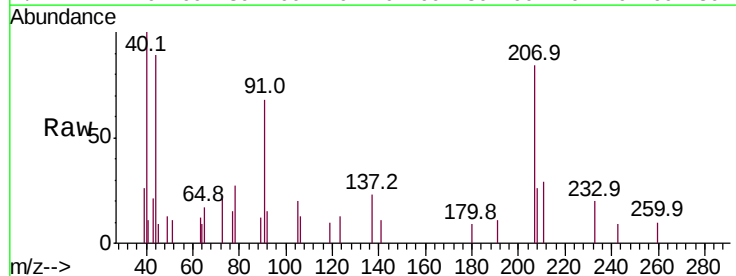
Acq: 12 May 2019 14:21

Tgt Ion: 91 Resp: 1393

Ion Ratio Lower Upper

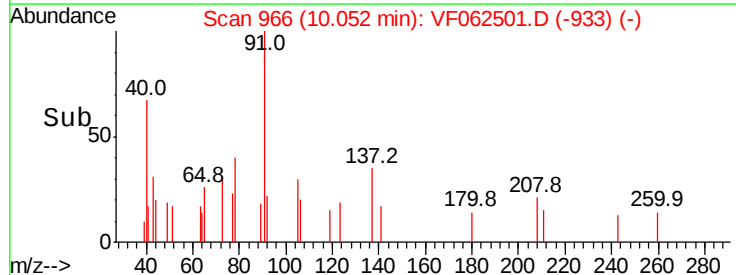
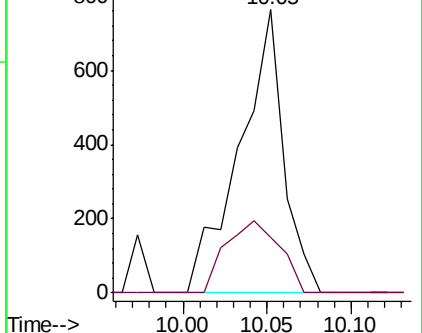
91 100

106 19.5 24.1 36.1#

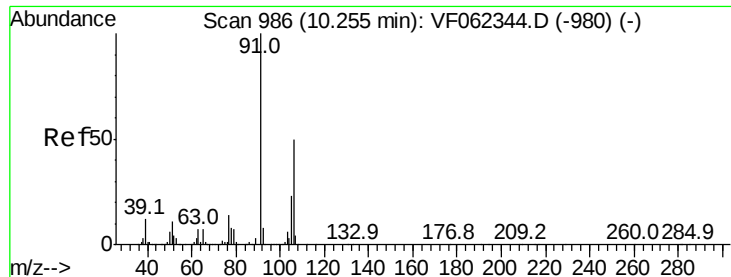


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V



Time-->



#68

m/p-Xylenes

Concen: 5.467 ug/l

RT: 10.28 min Scan# 989

Delta R.T. 0.02 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

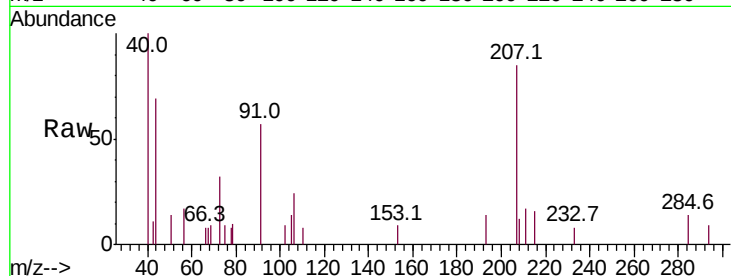
P026-SS012-0002-01

Tot Ion:106 Resp: 743

Ion Ratio Lower Upper

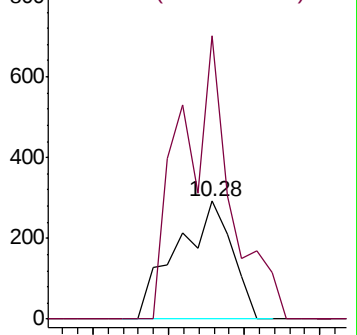
106 100

91 98.5 167.4 251.2#

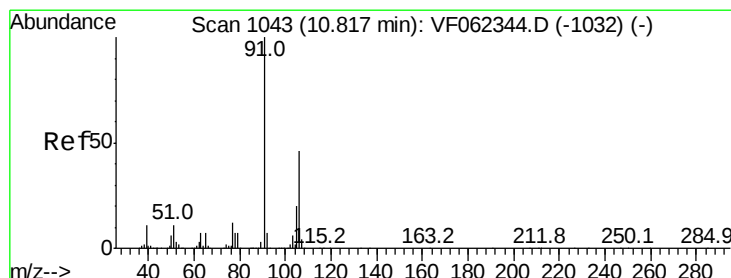
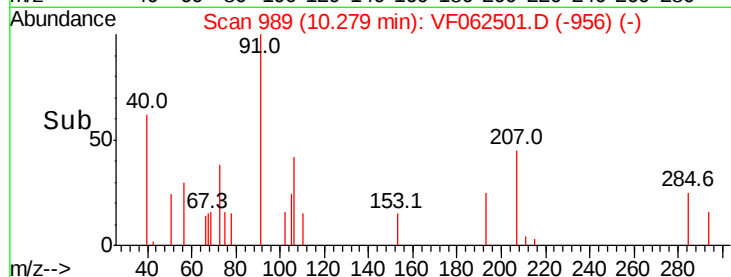


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



Time-->



#69

o-Xylene

Concen: 2.302 ug/l

RT: 10.83 min Scan# 1045

Delta R.T. 0.01 min

Lab File: VF062501.D

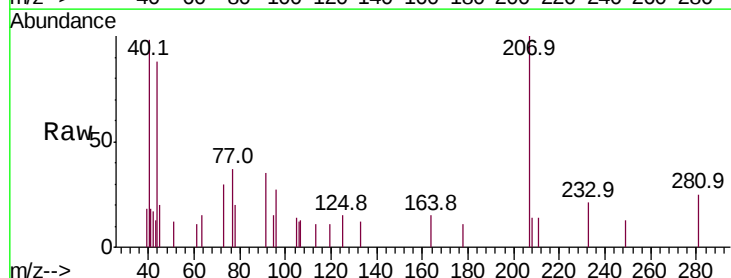
Acq: 12 May 2019 14:21

Tgt Ion:106 Resp: 338

Ion Ratio Lower Upper

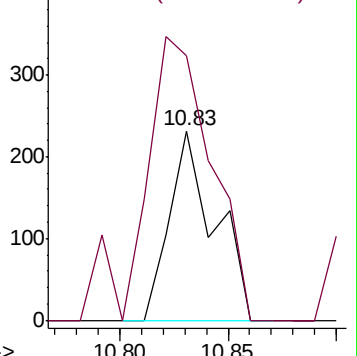
106 100

91 221.9 111.3 333.8

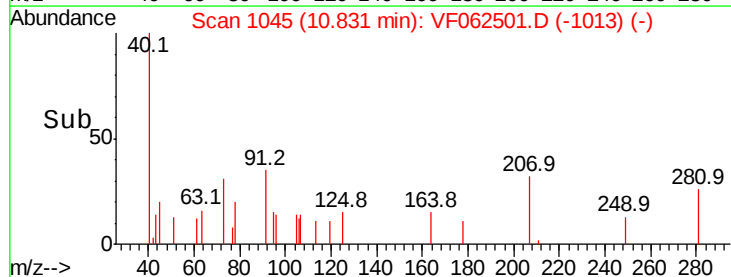


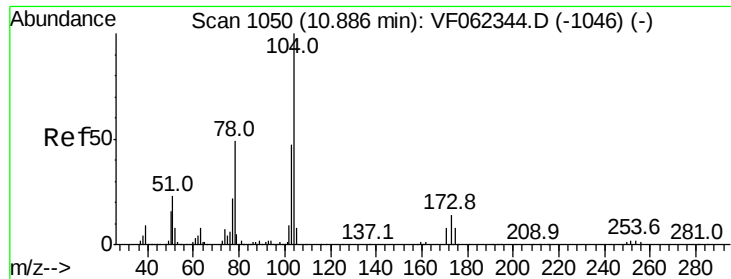
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0



Time-->





#70

Stvrene

Concen: 4.212 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

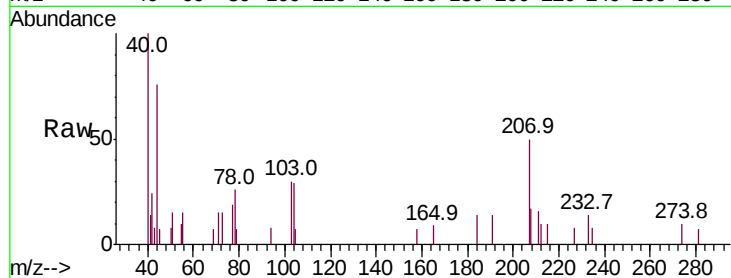
Tot Ion:104 Resp: 927

Ion Ratio Lower Upper

104 100

78 79.6 39.5 59.3#

103 61.8 38.4 57.6#



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

10.89

400

300

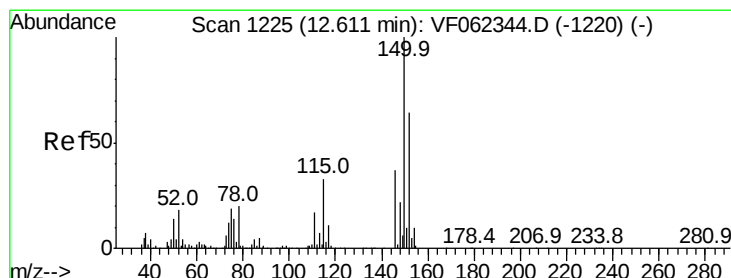
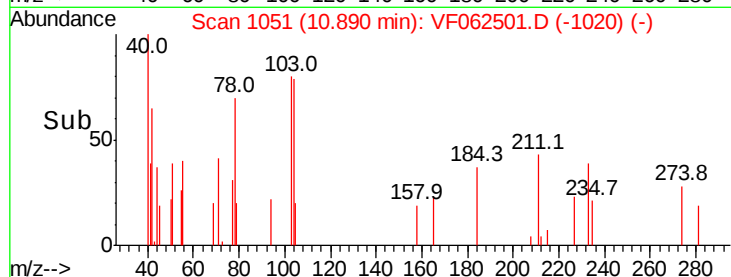
200

100

0

10.85 10.90 10.95

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. 0.01 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

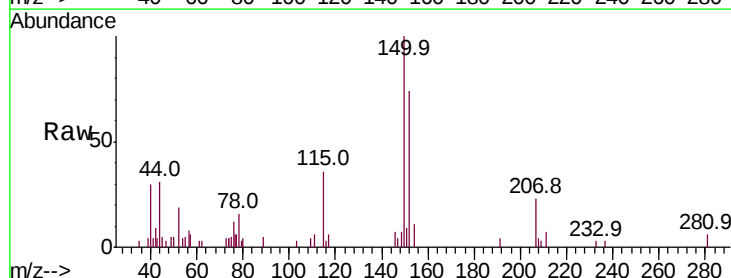
Tgt Ion:152 Resp: 4540

Ion Ratio Lower Upper

152 100

115 57.8 26.4 79.2

150 160.8 0.0 335.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

5000

4000

3000

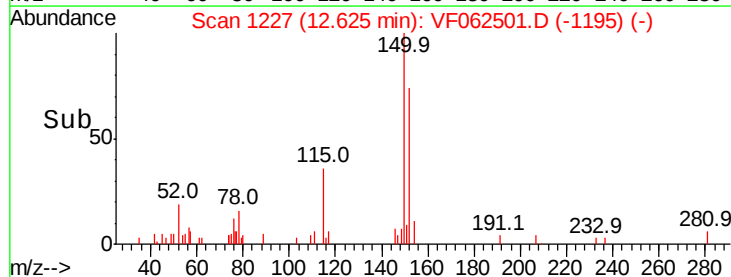
2000

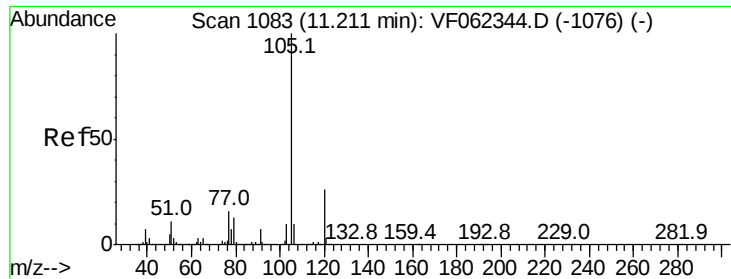
1000

0

12.55 12.60 12.65 12.70

Time-->





#73

Isopropylbenzene

Concen: 4.856 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

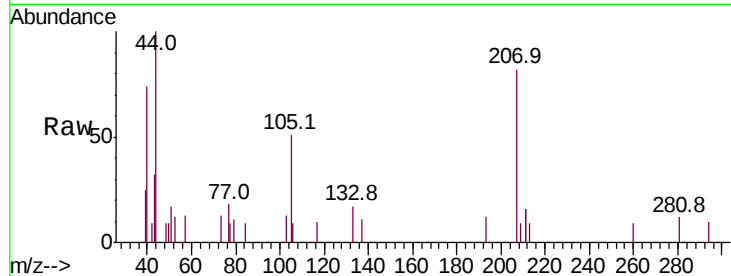
P026-SS012-0002-01

Tot Ion:105 Resp: 1307

Ion Ratio Lower Upper

105 100

120 17.9 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.22

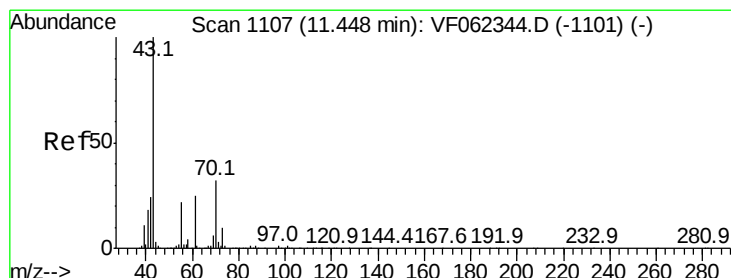
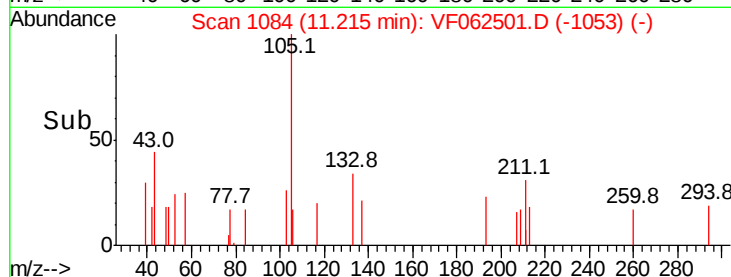
600

400

200

0

Time--> 11.15 11.20 11.25



#74

N-ethyl acetate

Concen: 14.883 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Tgt Ion: 43 Resp: 860

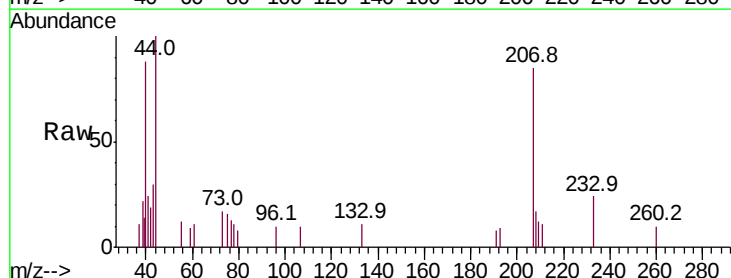
Ion Ratio Lower Upper

43 100

70 0.0 26.5 39.7#

55 0.0 17.8 26.6#

61 10.0 20.2 30.2#



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

600

400

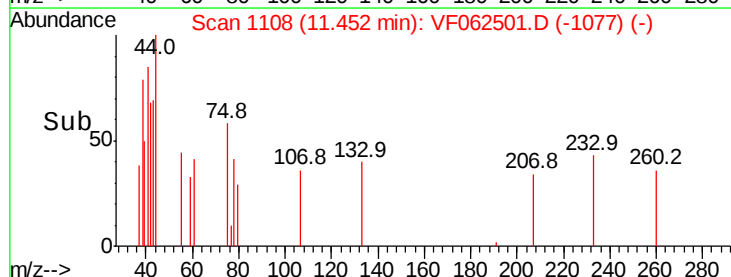
300

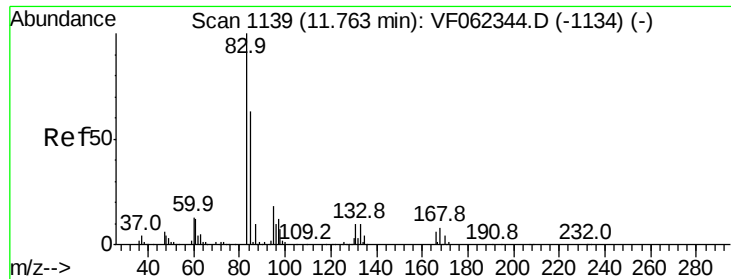
200

100

0

Time--> 11.40 11.45 11.50





#75

1,1,2,2-Tetrachloroethane

Concen: 1.661 ug/l

RT: 11.72 min Scan# 1135

Delta R.T. -0.05 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

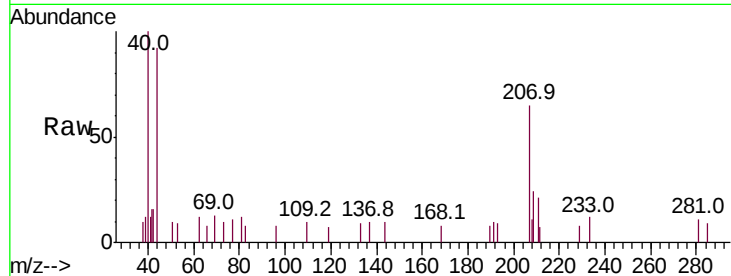
Tot Ion: 83 Resp: 70

Ion Ratio Lower Upper

83 100

131 0.0 5.8 17.4#

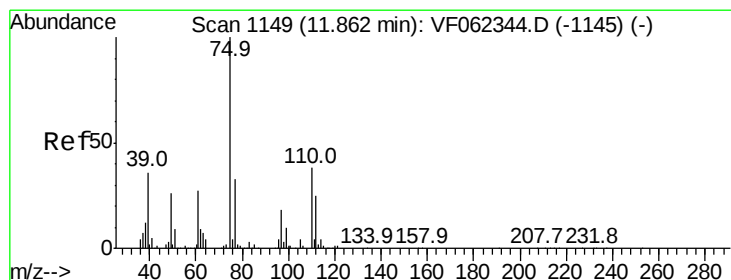
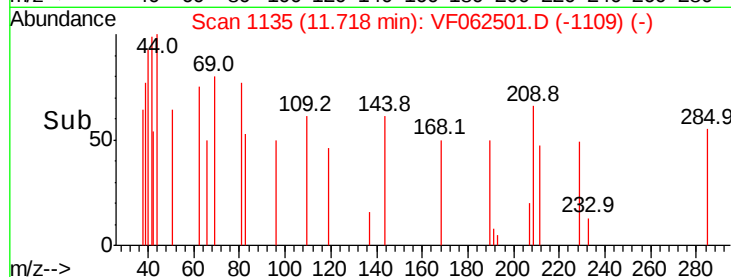
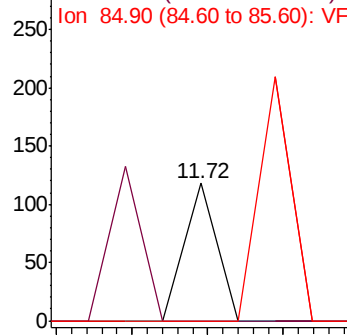
85 177.1 35.3 105.7#



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): VF0

Ion 84.90 (84.60 to 85.60): VF0



#76

1,2,3-Trichloropropane

Concen: 8.429 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.02 min

Lab File: VF062501.D

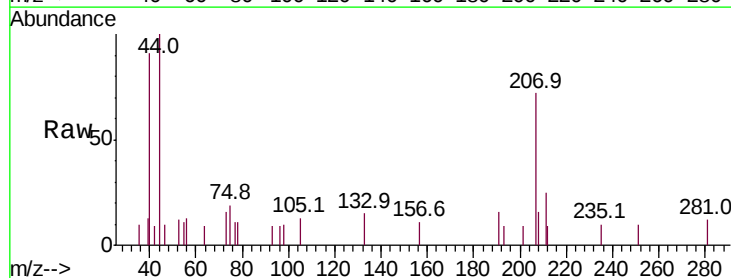
Acq: 12 May 2019 14:21

Tgt Ion: 75 Resp: 271

Ion Ratio Lower Upper

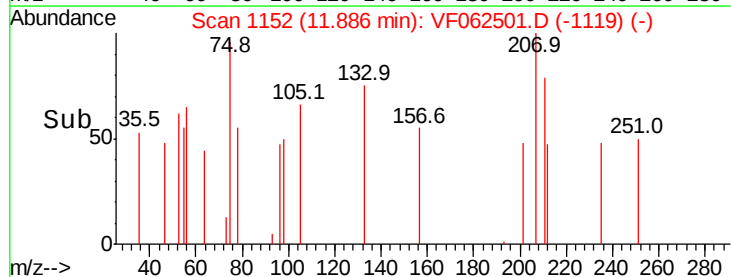
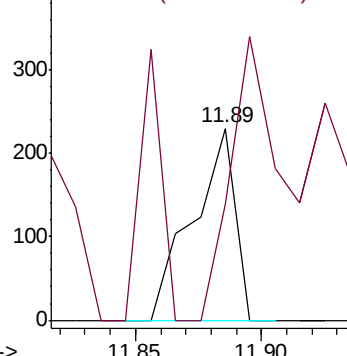
75 100

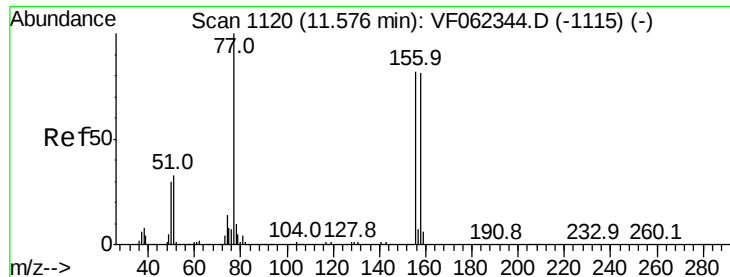
77 174.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 1.373 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

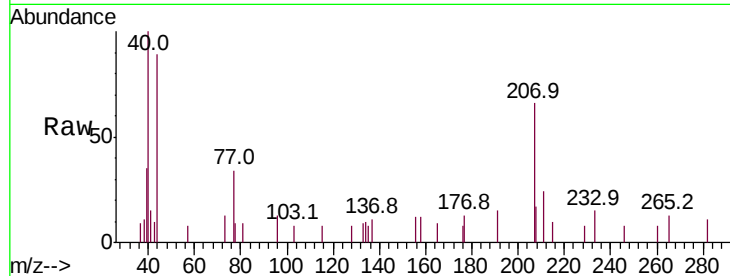
Tot Ion:156 Resp: 97

Ion Ratio Lower Upper

156 100

77 1286.6 64.8 194.3#

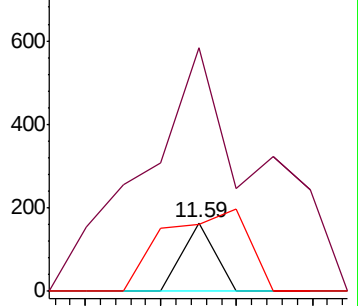
158 312.4 49.1 147.3#



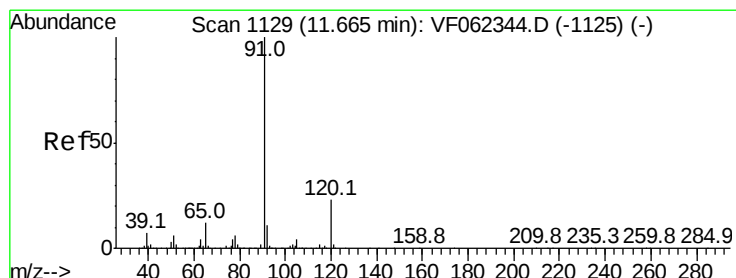
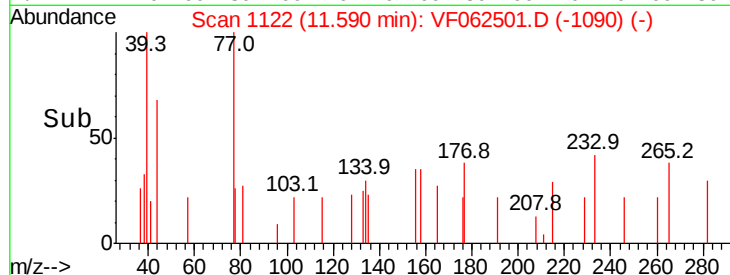
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 5.695 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. 0.01 min

Lab File: VF062501.D

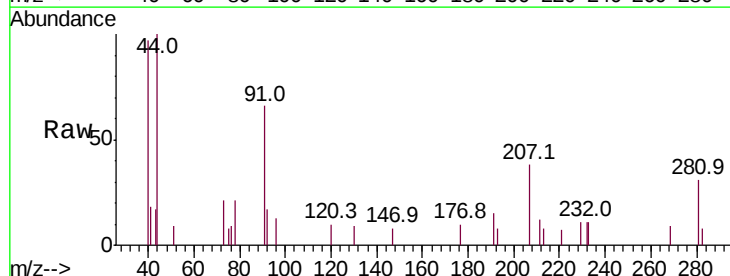
Acq: 12 May 2019 14:21

Tgt Ion: 91 Resp: 1632

Ion Ratio Lower Upper

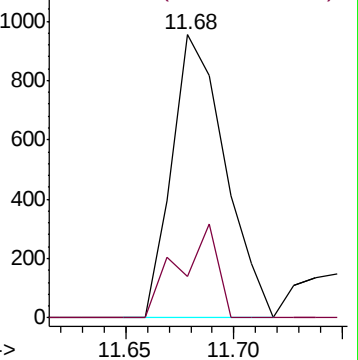
91 100

120 23.8 11.9 35.5

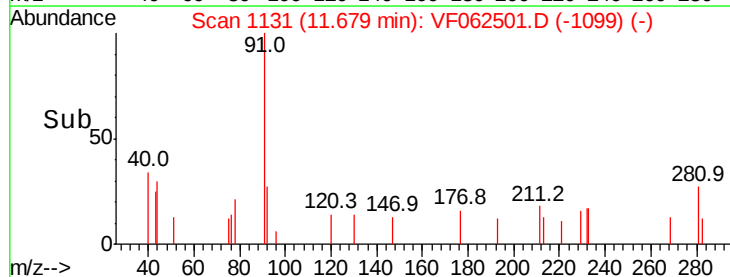


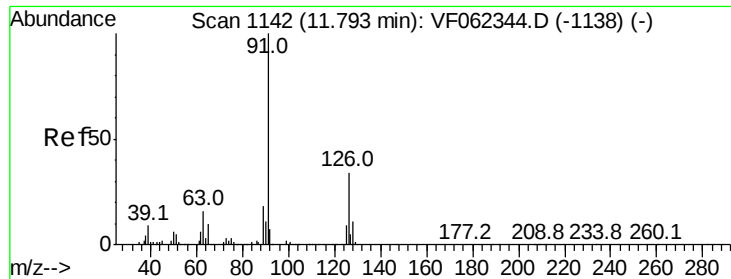
Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



Time-->

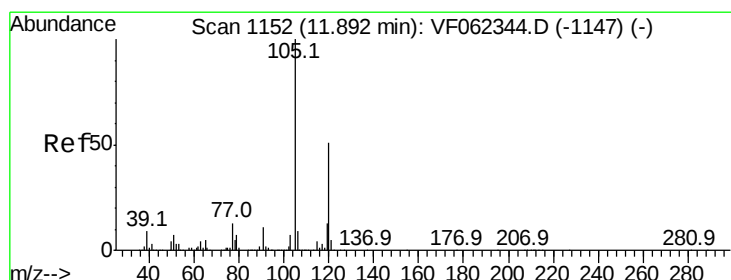
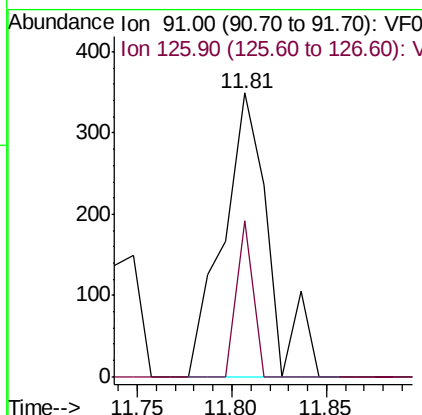
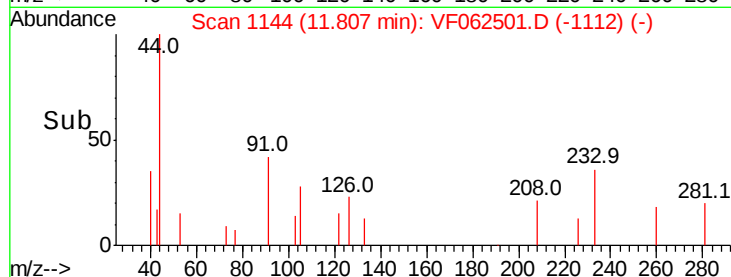
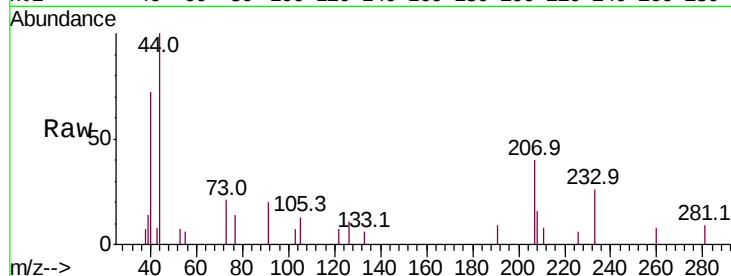




#79
2-Chlorotoluene
Concen: 3.261 ug/l
RT: 11.81 min Scan# 1144
Delta R.T. 0.01 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

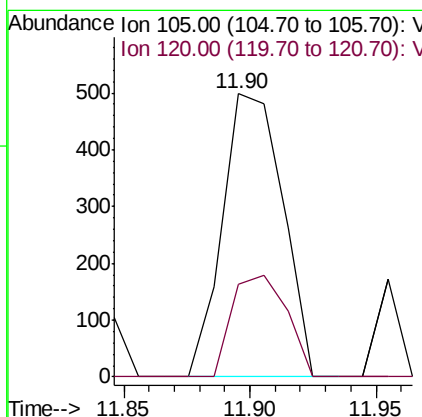
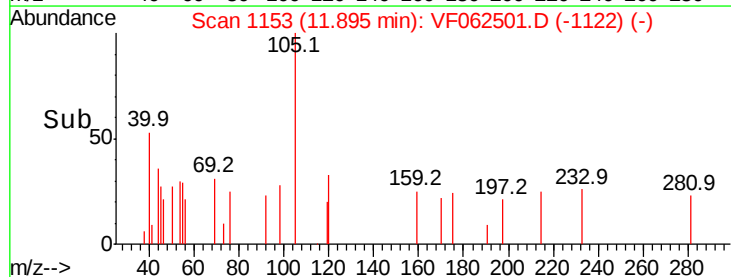
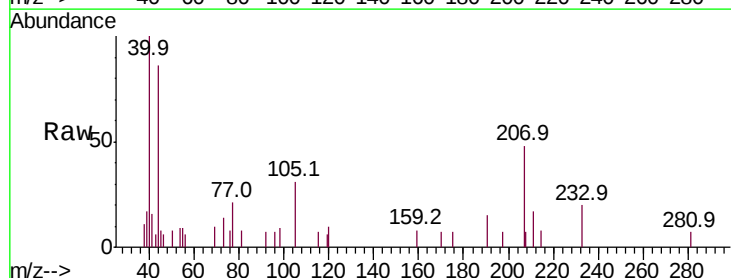
Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

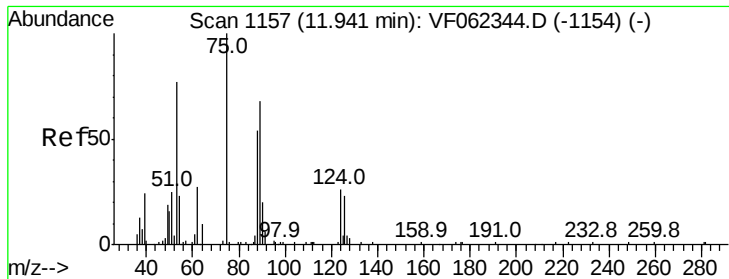
Tot Ion: 91 Resp: 581
Ion Ratio Lower Upper
91 100
126 19.6 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 3.506 ug/l
RT: 11.90 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VF062501.D
Acq: 12 May 2019 14:21

Tgt Ion:105 Resp: 827
Ion Ratio Lower Upper
105 100
120 32.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 29.209 ug/l

RT: 11.99 min Scan# 1163

Delta R.T. 0.05 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

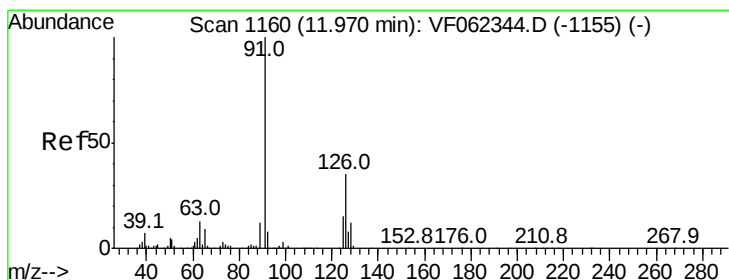
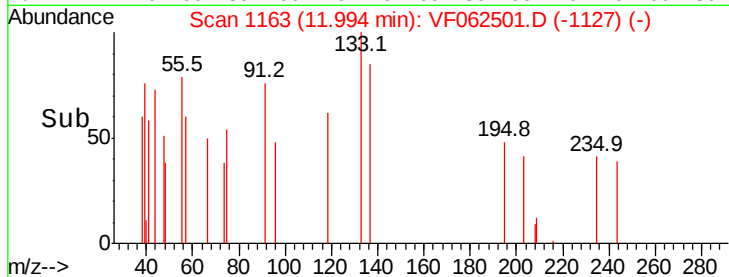
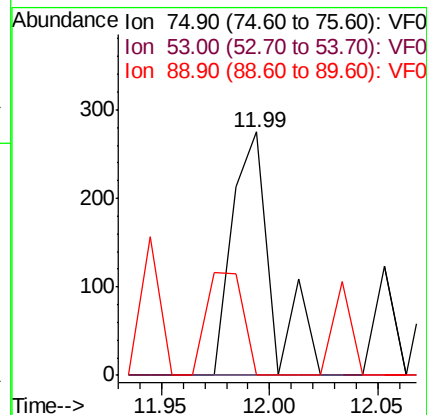
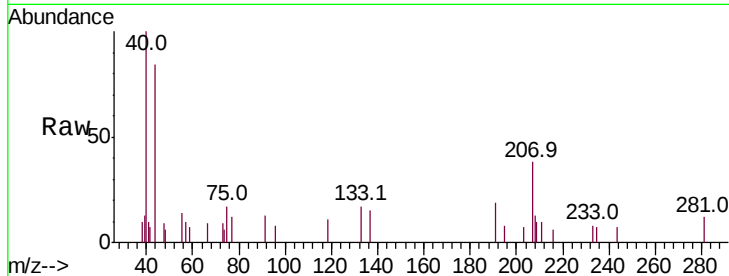
Tot Ion: 75 Resp: 353

Ion Ratio Lower Upper

75 100

53 0.0 71.9 107.9#

89 38.8 0.0 0.0#



#82

4-Chlorotoluene

Concen: 3.301 ug/l

RT: 11.81 min Scan# 1144

Delta R.T. -0.16 min

Lab File: VF062501.D

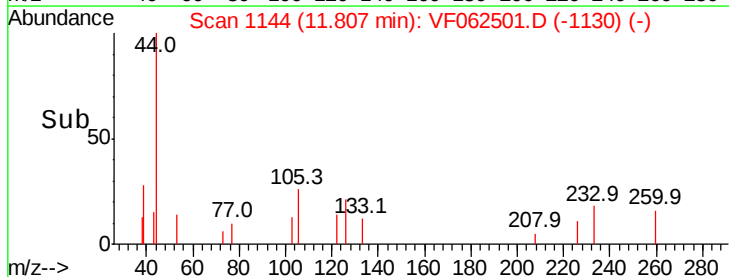
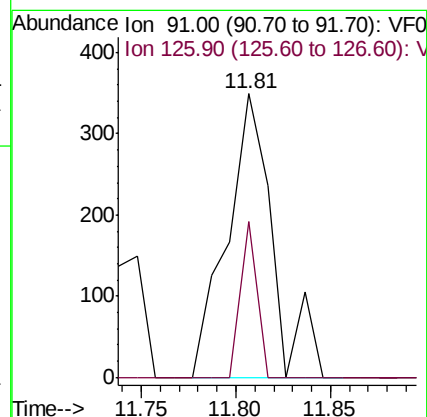
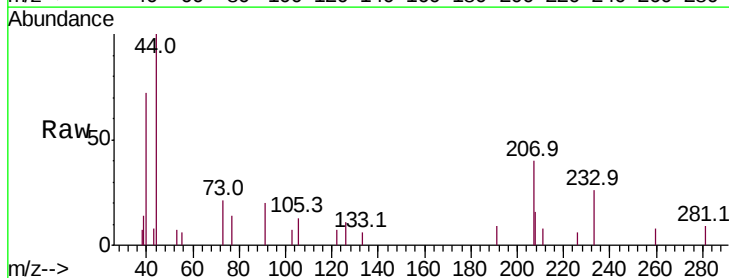
Acq: 12 May 2019 14:21

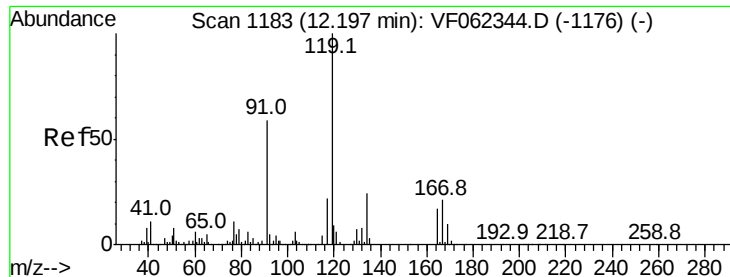
Tgt Ion: 91 Resp: 581

Ion Ratio Lower Upper

91 100

126 19.6 17.7 53.1





#83

tert-Butylbenzene

Concen: 2.755 ug/l

RT: 12.20 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

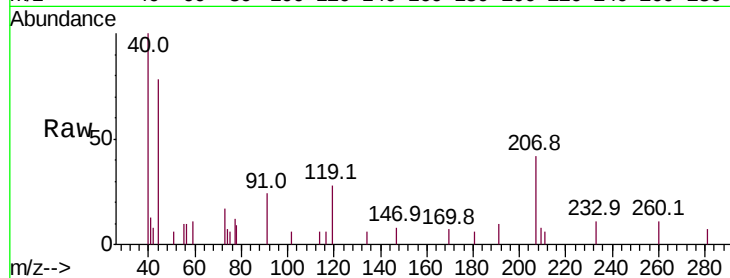
Tot Ion:119 Resp: 683

Ion Ratio Lower Upper

119 100

91 107.5 30.4 91.3#

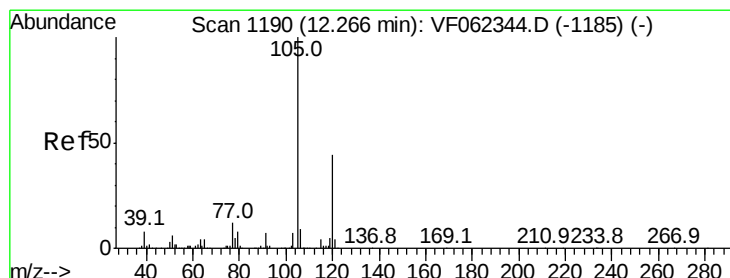
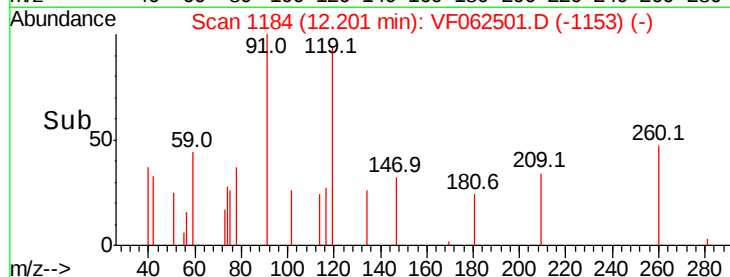
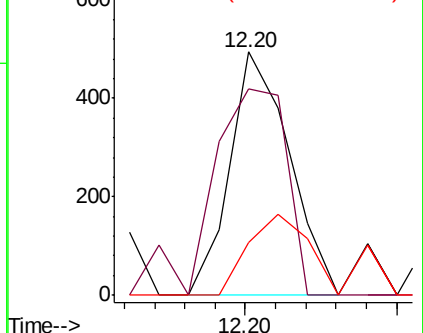
134 42.5 11.9 35.7#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.700 ug/l

RT: 12.28 min Scan# 1192

Delta R.T. 0.01 min

Lab File: VF062501.D

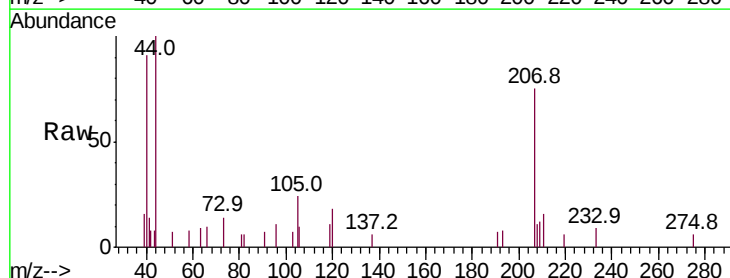
Acq: 12 May 2019 14:21

Tgt Ion:105 Resp: 1085

Ion Ratio Lower Upper

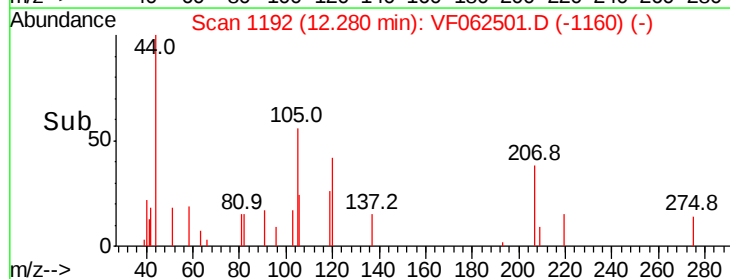
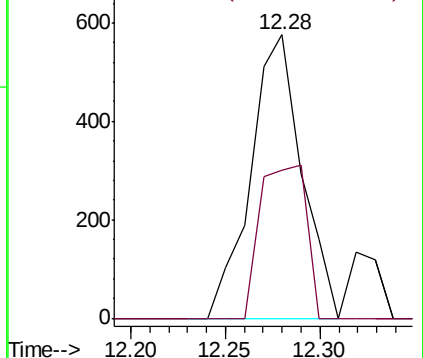
105 100

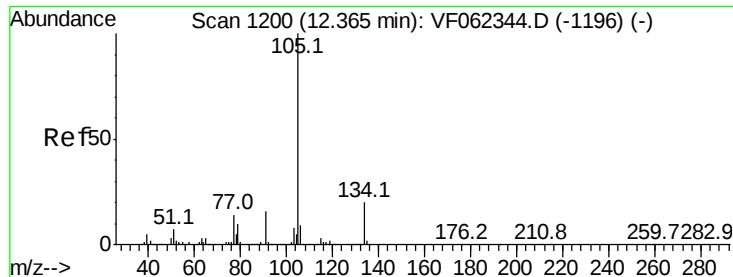
120 49.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 3.685 ug/l

RT: 12.38 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

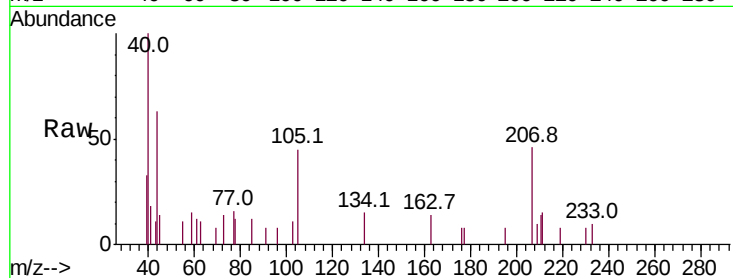
P026-SS012-0002-01

Tot Ion:105 Resp: 1112

Ion Ratio Lower Upper

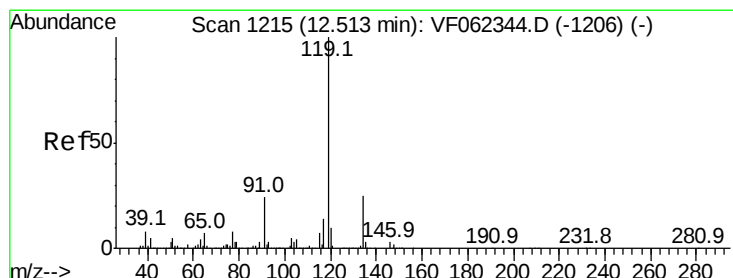
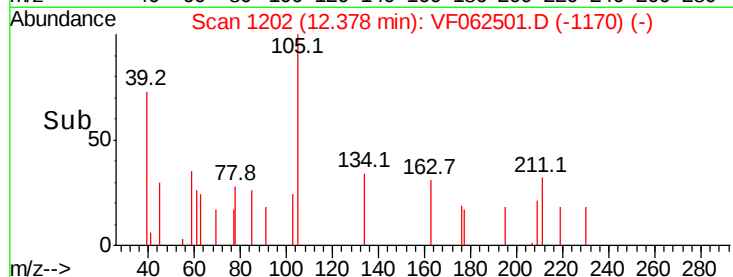
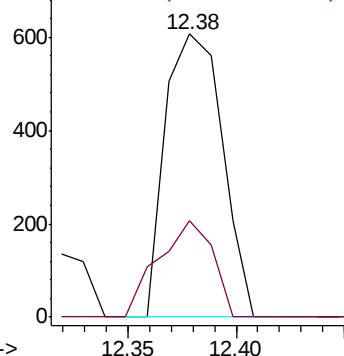
105 100

134 32.6 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 4.152 ug/l

RT: 12.54 min Scan# 1218

Delta R.T. 0.02 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

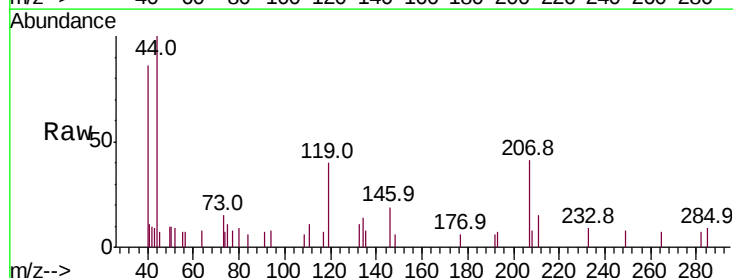
Tgt Ion:119 Resp: 1164

Ion Ratio Lower Upper

119 100

134 42.6 12.9 38.7#

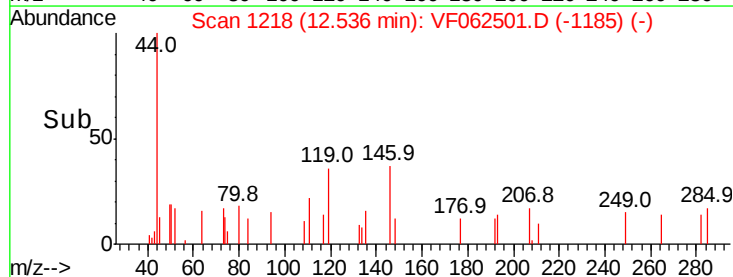
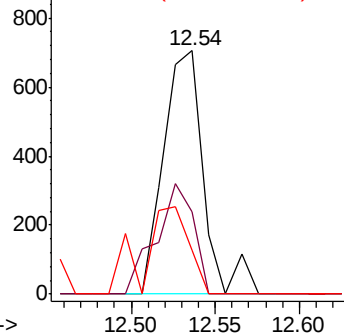
91 40.6 12.3 36.8#

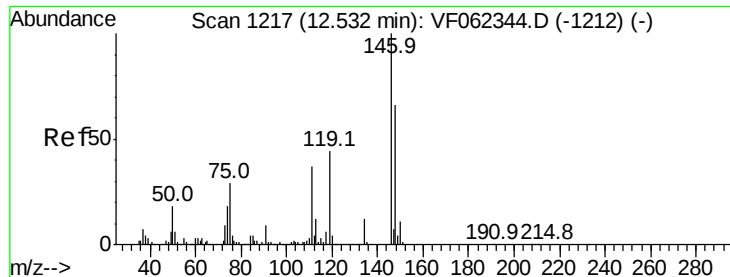


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





#87

1,3-Dichlorobenzene

Concen: 4.992 ug/l

RT: 12.55 min Scan# 1219

Delta R.T. 0.01 min

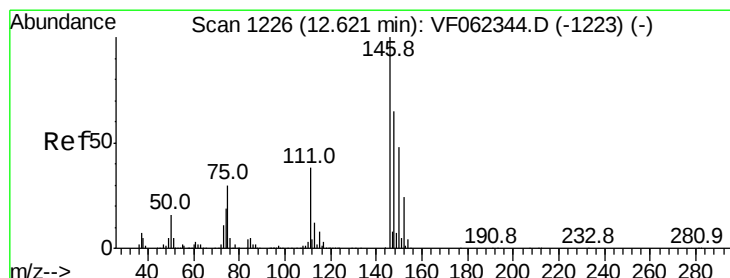
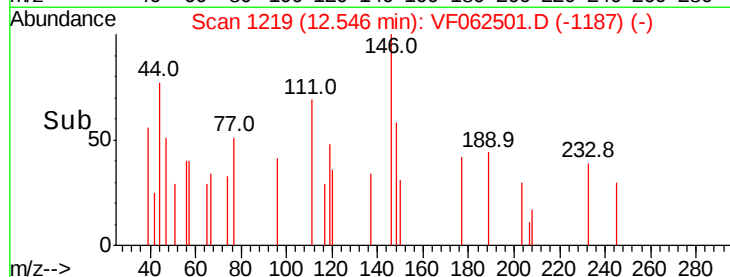
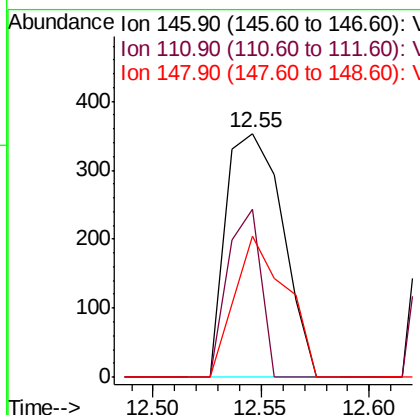
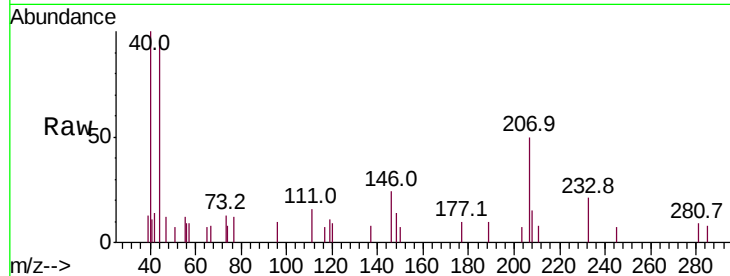
Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :
MSVOA_F
ClientSampleId :
P026-SS012-0002-01

Tot Ion:146 Resp: 644

Ion	Ratio	Lower	Upper
146	100		
111	40.7	18.3	54.8
148	52.6	32.3	96.9



#88

1,4-Dichlorobenzene

Concen: 5.172 ug/l

RT: 12.55 min Scan# 1219

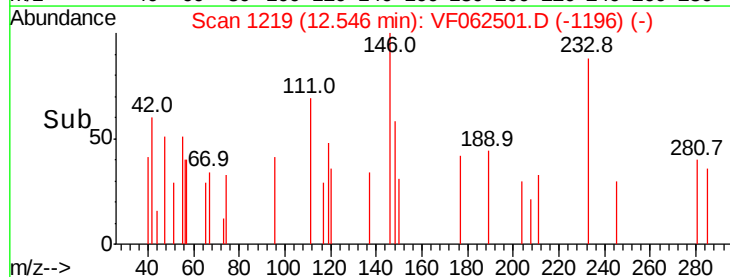
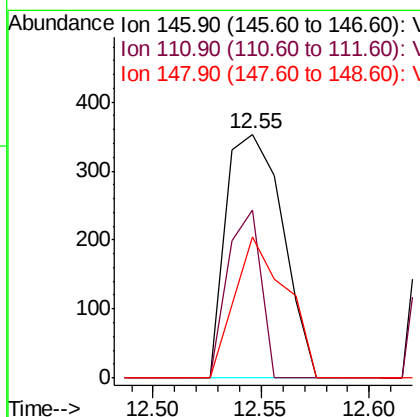
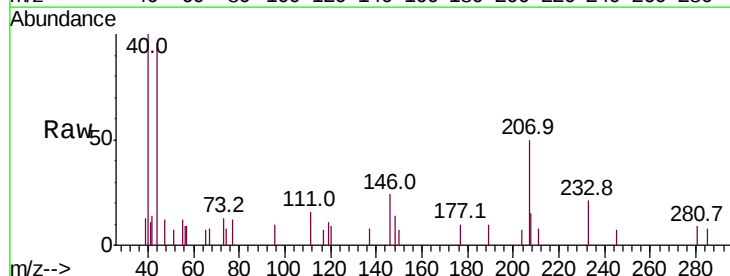
Delta R.T. -0.07 min

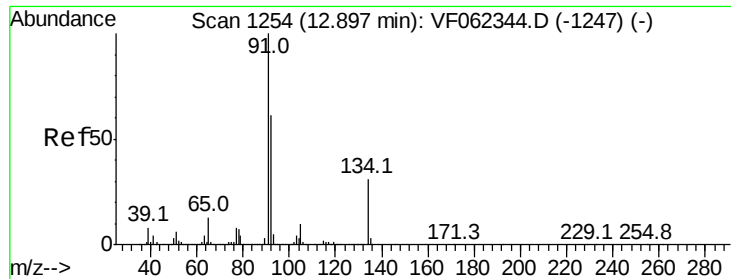
Lab File: VF062501.D

Acq: 12 May 2019 14:21

Tgt Ion:146 Resp: 644

Ion	Ratio	Lower	Upper
146	100		
111	40.7	18.8	56.3
148	52.6	32.2	96.6





#89

n-Butylbenzene

Concen: 4.430 ug/l

RT: 12.91 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

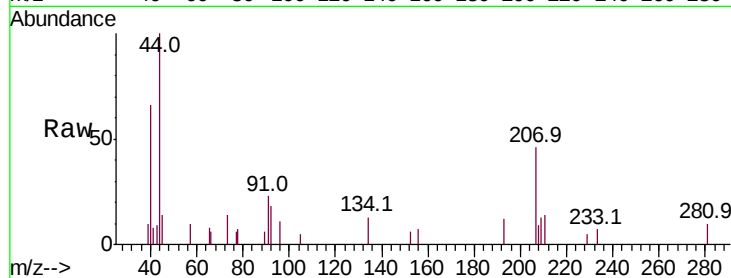
Tot Ion: 91 Resp: 1105

Ion Ratio Lower Upper

91 100

92 47.8 30.0 90.0

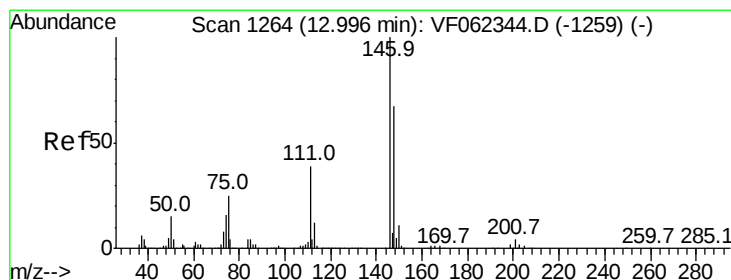
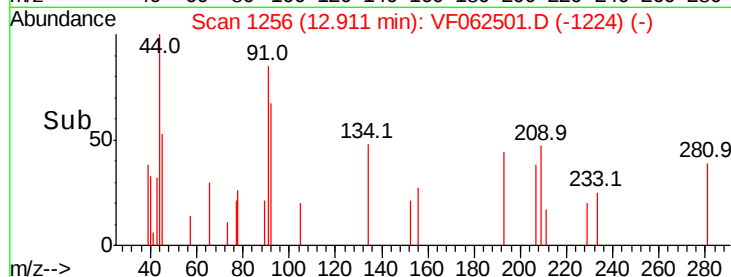
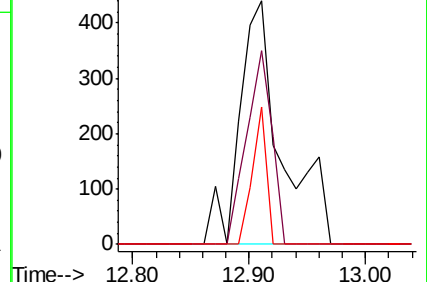
134 18.8 14.1 42.4



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



#91

1,2-Dichlorobenzene

Concen: 2.643 ug/l

RT: 13.02 min Scan# 1267

Delta R.T. 0.02 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

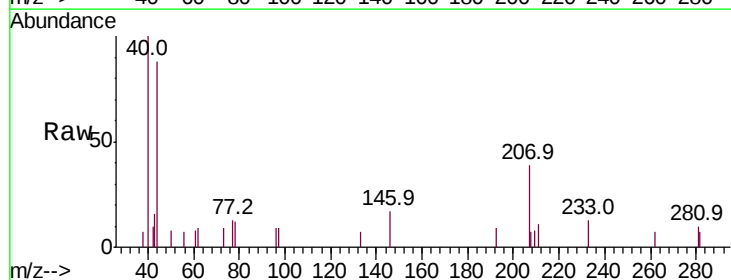
Tgt Ion: 146 Resp: 330

Ion Ratio Lower Upper

146 100

111 21.8 20.0 60.0

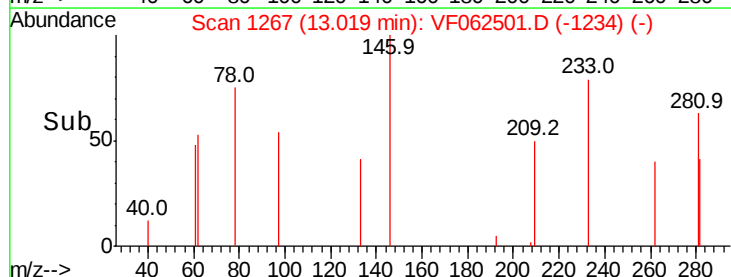
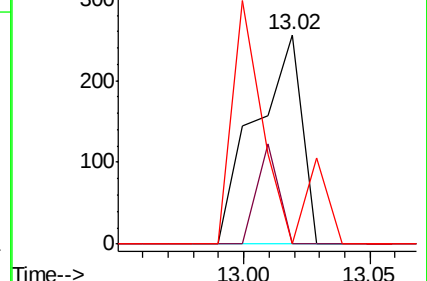
148 91.8 33.1 99.5

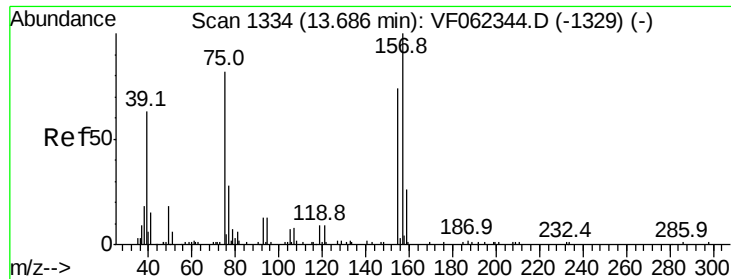


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

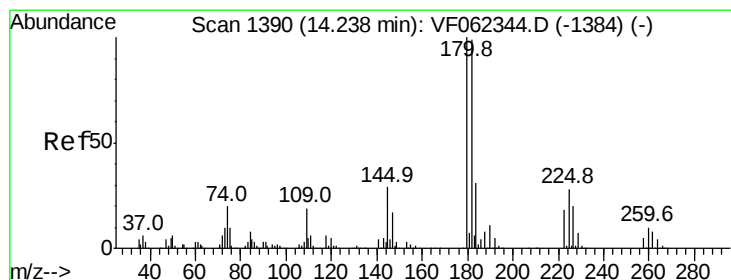
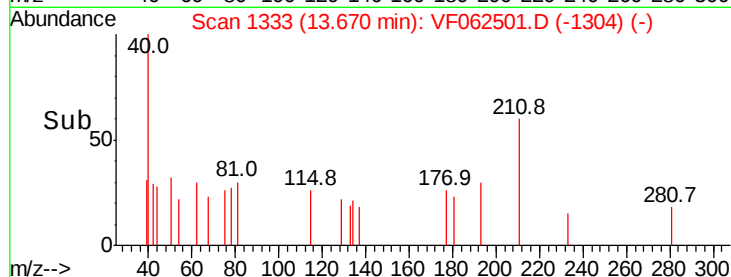
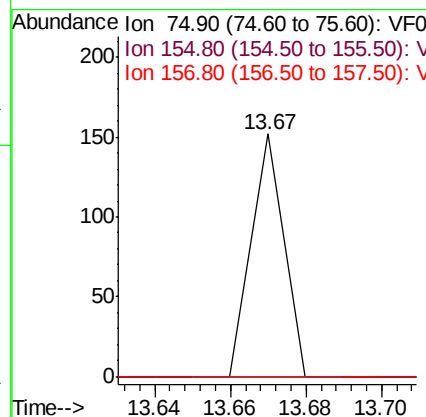
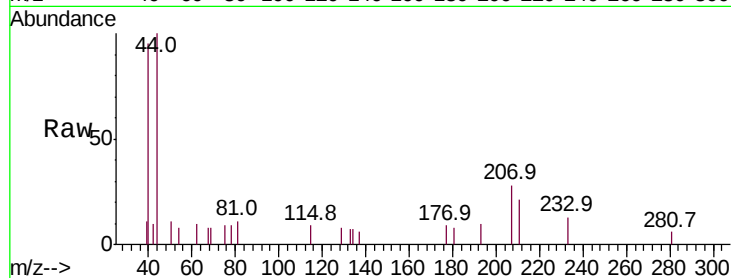




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.533 ug/l
 RT: 13.67 min Scan# 1333
 Delta R.T. -0.02 min
 Lab File: VF062501.D
 Acq: 12 May 2019 14:21

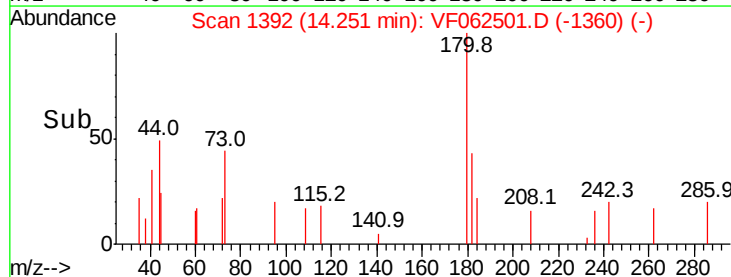
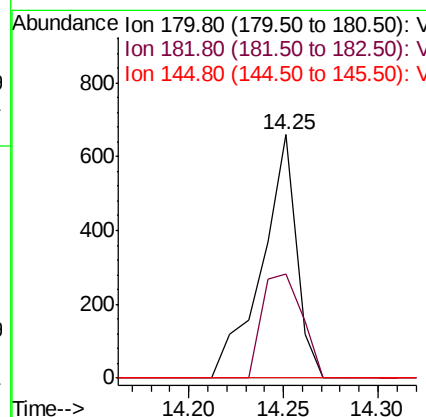
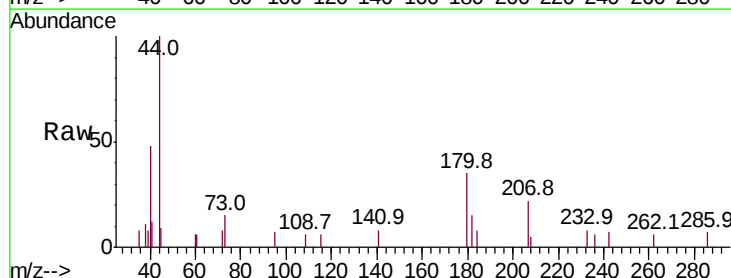
Instrument :
 MSVOA_F
 ClientSampleId :
 P026-SS012-0002-01

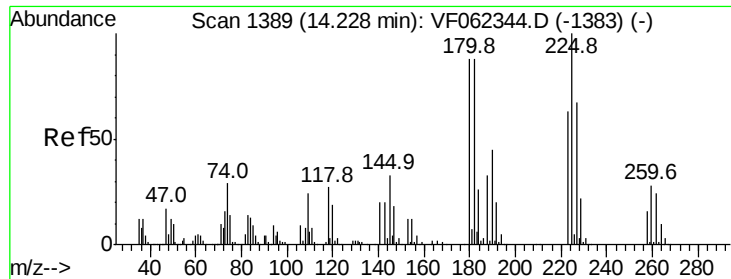
Tot Ion: 75 Resp: 90
 Ion Ratio Lower Upper
 75 100
 155 0.0 51.8 155.4#
 157 0.0 67.3 201.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 7.527 ug/l
 RT: 14.25 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VF062501.D
 Acq: 12 May 2019 14:21

Tgt Ion:180 Resp: 843
 Ion Ratio Lower Upper
 180 100
 182 49.3 49.0 147.0
 145 0.0 16.7 50.1#





#94

Hexachlorobutadiene

Concen: 3.079 ug/l

RT: 14.24 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

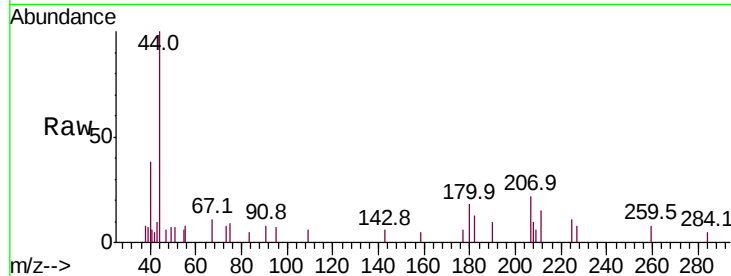
Tot Ion:225 Resp: 257

Ion Ratio Lower Upper

225 100

223 34.2 31.9 95.5

227 73.9 33.1 99.5



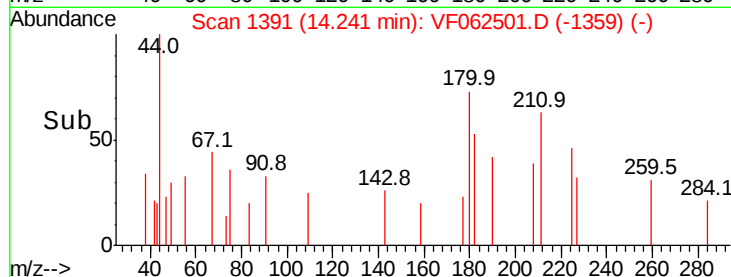
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

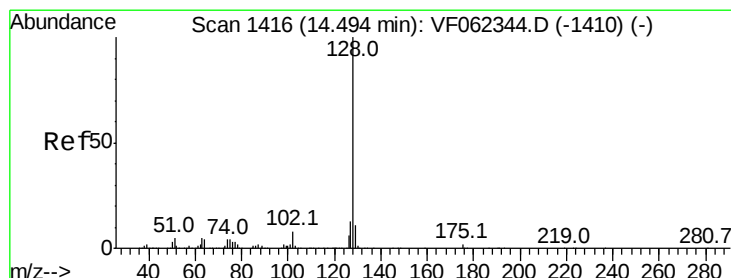
Ion 226.70 (226.40 to 227.40): V

14.24

14.25



Time-->



#95

Naphthalene

Concen: 11.569 ug/l

RT: 14.50 min Scan# 1417

Delta R.T. 0.00 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

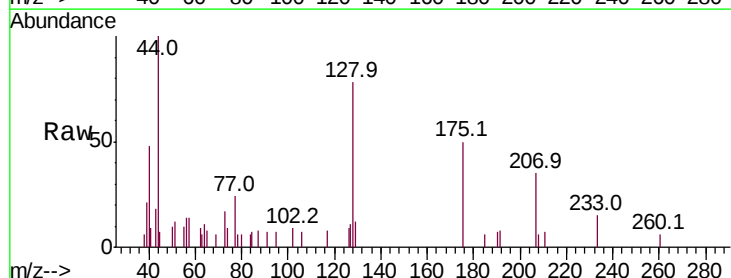
Tgt Ion:128 Resp: 1948

Ion Ratio Lower Upper

128 100

127 10.2 10.5 15.7#

129 11.3 8.6 12.8



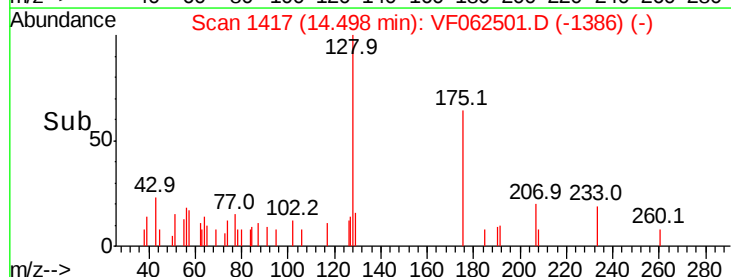
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

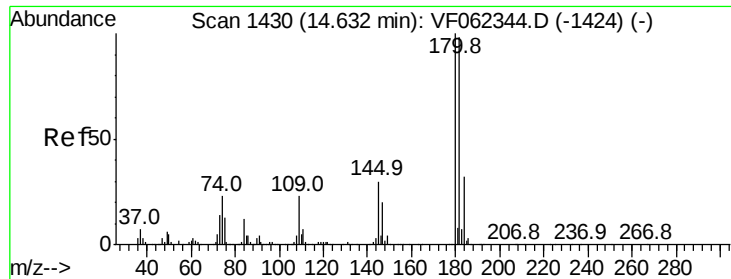
Ion 129.00 (128.70 to 129.70): V

14.50

14.55



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 2.332 ug/l

RT: 14.65 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VF062501.D

Acq: 12 May 2019 14:21

Instrument :

MSVOA_F

ClientSampleId :

P026-SS012-0002-01

Tot Ion:180 Resp: 253

Ion Ratio Lower Upper

180 100

182 160.5 49.4 148.0#

145 92.9 14.8 44.3#

