

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042219\
 Data File : VF062247.D
 Acq On : 22 Apr 2019 16:19
 Operator : FY/SY
 Sample : K2475-03RE
 Misc : 5.41g/5mL/MSVOA F/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-TRACK-70-71RE

Quant Time: Apr 23 01:07:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F041719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 19 23:52:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	7383	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	5656	50.00	ug/l	0.03
63) Chlorobenzene-d5	9.93	117	1081	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	12.65	152	67	50.00	ug/l	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.95	65	164	2.42	ug/l	-0.07
Spiked Amount			Recovery	=	4.84%	
35) Dibromofluoromethane	4.32	113	1526	30.84	ug/l	0.02
Spiked Amount			Recovery	=	61.68%	
50) Toluene-d8	7.71	98	3282	26.21	ug/l	0.01
Spiked Amount			Recovery	=	52.42%	
62) 4-Bromofluorobenzene	11.52	95	170	3.53	ug/l	0.04
Spiked Amount			Recovery	=	7.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.07	85	137	1.221	ug/l #	42
3) Chloromethane	1.16	50	238	2.052	ug/l #	1
5) Bromomethane	1.35	94	171	2.954	ug/l #	6
6) Chloroethane	1.49	64	69	1.657	ug/l #	41
8) Diethyl Ether	1.73	74	67	2.543	ug/l #	1
11) Tert butyl alcohol	2.72	59	250	53.126	ug/l #	1
12) 1,1-Dichloroethene	1.90	96	446	5.423	ug/l #	1
13) Acrolein	2.09	56	448	215.201	ug/l #	57
14) Allyl chloride	2.20	41	434	4.598	ug/l #	57
15) Acrylonitrile	3.11	53	367	25.606	ug/l #	18
16) Acetone	2.35	43	613	37.882	ug/l #	52
18) Methyl Acetate	2.48	43	743	17.524	ug/l #	83
19) Methyl tert-butyl Ether	2.56	73	198	1.364	ug/l #	7
20) Methylene Chloride	2.36	84	124	Below Cal	#	11
21) trans-1,2-Dichloroethene	2.44	96	213	2.619	ug/l #	1
22) Diisopropyl ether	2.94	45	438	1.814	ug/l #	46
23) Vinyl Acetate	3.41	43	256	2.225	ug/l #	79
25) 2-Butanone	4.56	43	528	16.319	ug/l #	56
26) 2,2-Dichloropropane	3.87	77	1061	15.912	ug/l	97
27) cis-1,2-Dichloroethene	3.68	96	237	2.250	ug/l #	19
28) Bromochloromethane	3.91	49	149	2.355	ug/l #	52
29) Tetrahydrofuran	4.26	42	132	9.013	ug/l #	1
30) Chloroform	4.09	83	169	1.041	ug/l	85
31) Cyclohexane	3.89	56	896	5.661	ug/l #	27
36) 1,1-Dichloropropene	4.49	75	141	2.079	ug/l #	19
37) Ethyl Acetate	4.35	43	770	24.063	ug/l #	98
39) Methylcyclohexane	5.66	83	172	2.118	ug/l #	64
40) Benzene	4.82	78	525	2.952	ug/l #	63
41) Methacrylonitrile	4.98	41	381	20.641	ug/l #	23
42) 1,2-Dichloroethane	5.04	62	85	1.808	ug/l #	1
43) Isopropyl Acetate	7.14	43	1713	50.898	ug/l #	63
45) 1,2-Dichloropropane	6.46	63	63	1.608	ug/l #	42
46) Dibromomethane	6.29	93	103	3.951	ug/l #	3
47) Bromodichloromethane	6.60	83	141	2.397	ug/l #	43

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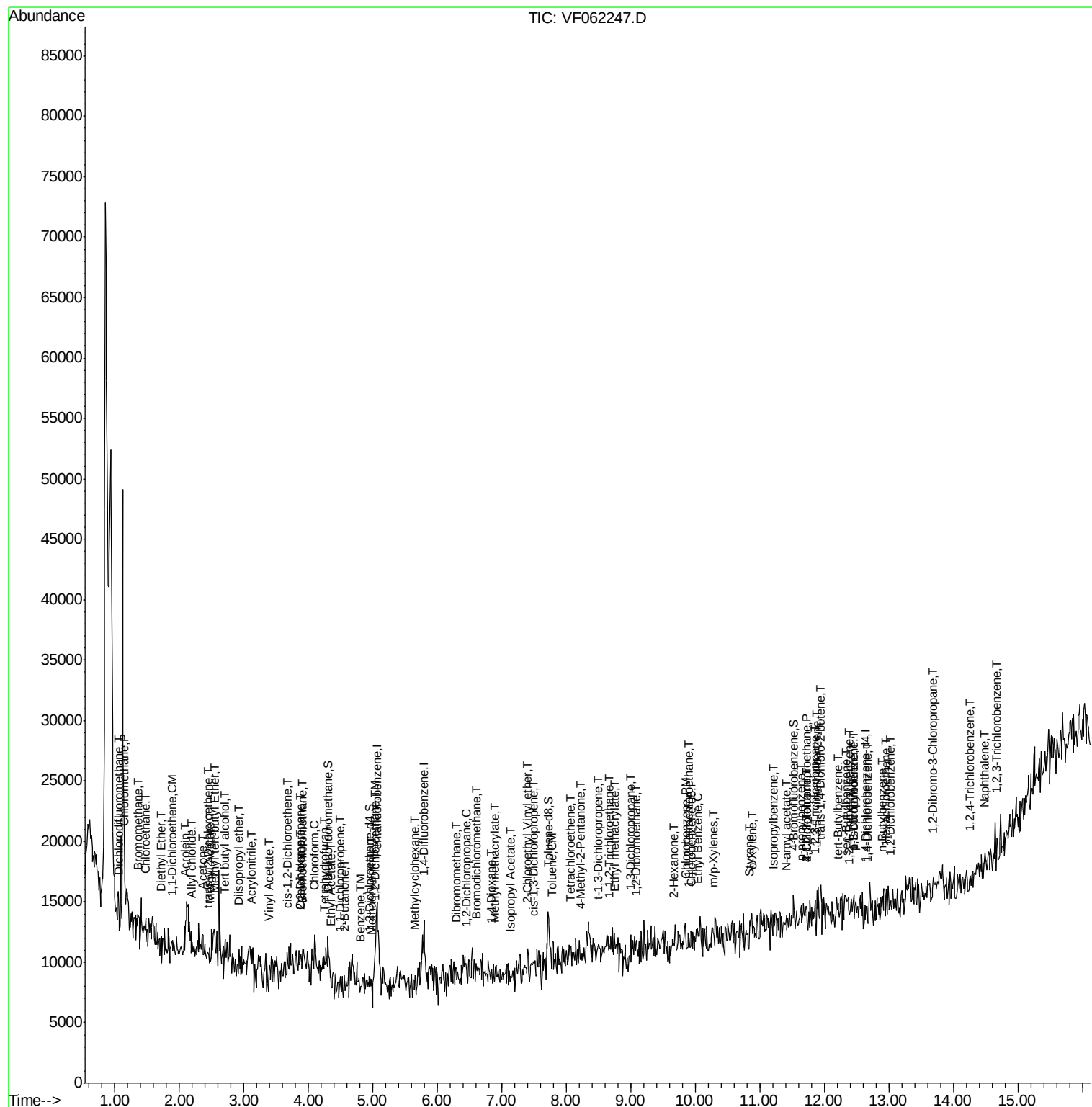
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Methyl methacrylate	6.89	41	486	21.973	ug/l #	76
49) 1,4-Dioxane	6.84	88	63	248.367	ug/l #	1
51) 4-Methyl-2-Pentanone	8.23	43	389	15.540	ug/l	95
52) Toluene	7.79	92	152	1.621	ug/l #	1
53) t-1,3-Dichloropropene	8.49	75	173	3.916	ug/l #	44
54) cis-1,3-Dichloropropene	7.50	75	66	1.104	ug/l #	29
55) 1,1,2-Trichloroethane	8.66	97	76	2.894	ug/l #	16
56) Ethyl methacrylate	8.76	69	222	7.434	ug/l #	1
57) 1,3-Dichloropropane	9.00	76	73	1.721	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.39	63	64	7.382	ug/l #	48
59) 2-Hexanone	9.67	43	863	55.391	ug/l	69
61) 1,2-Dibromoethane	9.09	107	66	2.230	ug/l	82
64) Tetrachloroethene	8.07	164	63	6.456	ug/l #	1
65) Chlorobenzene	9.85	112	71	3.080	ug/l #	42
66) 1,1,1,2-Tetrachloroethane	9.89	131	206	19.084	ug/l #	5
67) Ethyl Benzene	10.04	91	463	11.046	ug/l #	44
68) m/p-Xylenes	10.29	106	60	3.889	ug/l #	1
69) o-Xylene	10.88	106	157	9.165	ug/l	60
70) Styrene	10.84	104	80	3.309	ug/l #	1
73) Isopropylbenzene	11.22	105	70	12.163	ug/l #	49
74) N-amyl acetate	11.40	43	842	642.645	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	11.73	83	132	133.363	ug/l #	4
76) 1,2,3-Trichloropropane	11.86	75	180	264.328	ug/l #	1
78) n-propylbenzene	11.65	91	208	34.259	ug/l #	53
79) 2-Chlorotoluene	11.73	91	256	69.511	ug/l	94
80) 1,3,5-Trimethylbenzene	11.89	105	124	25.868	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.94	75	94	270.663	ug/l #	1
82) 4-Chlorotoluene	11.73	91	256	71.926	ug/l	94
83) tert-Butylbenzene	12.22	119	204	41.153	ug/l #	1
84) 1,2,4-Trimethylbenzene	12.39	105	167	36.002	ug/l	98
85) sec-Butylbenzene	12.35	105	76	11.809	ug/l #	57
86) p-Isopropyltoluene	12.46	119	73	13.372	ug/l #	1
87) 1,3-Dichlorobenzene	12.45	146	74	32.344	ug/l #	24
88) 1,4-Dichlorobenzene	12.67	146	130	58.909	ug/l #	23
89) n-Butylbenzene	12.90	91	365	84.924	ug/l #	28
90) Hexachloroethane	12.96	117	60	42.800	ug/l #	12
91) 1,2-Dichlorobenzene	13.04	146	75	33.949	ug/l #	22
92) 1,2-Dibromo-3-Chloropropan	13.68	75	87	447.380	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.26	180	63	34.084	ug/l #	11
95) Naphthalene	14.50	128	77	23.825	ug/l #	69
96) 1,2,3-Trichlorobenzene	14.69	180	68	38.320	ug/l #	1

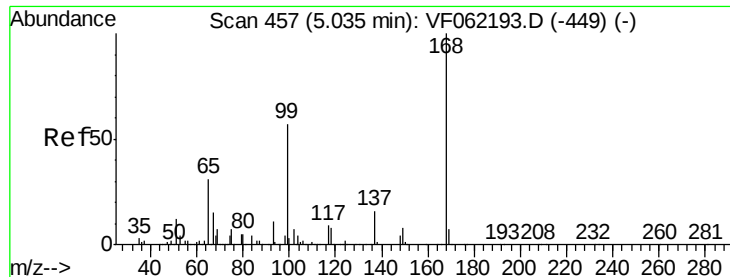
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.07 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

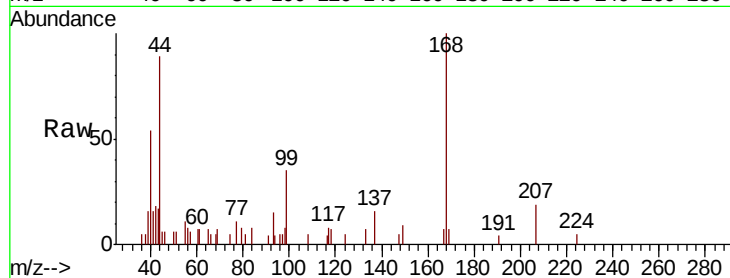
TP-TRACK-70-71RE

Tot Ion:168 Resp: 7383

Ion Ratio Lower Upper

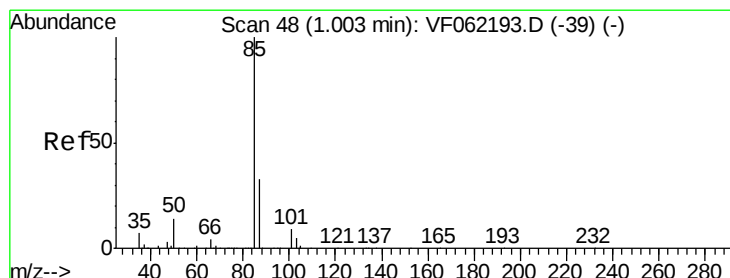
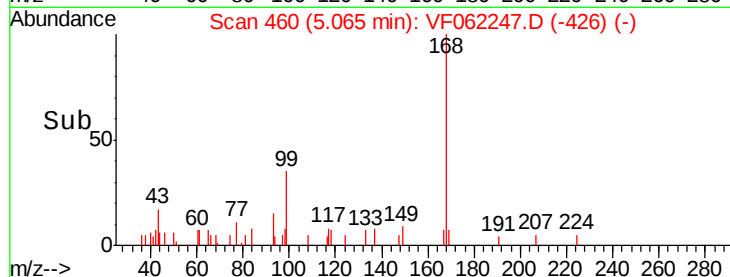
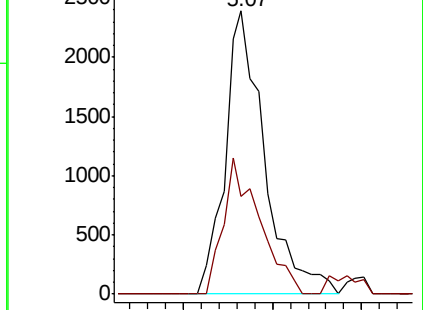
168 100

99 34.6 45.5 68.3#



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#2

Dichlorodifluoromethane

Concen: 1.221 ug/l

RT: 1.07 min Scan# 55

Delta R.T. 0.07 min

Lab File: VF062247.D

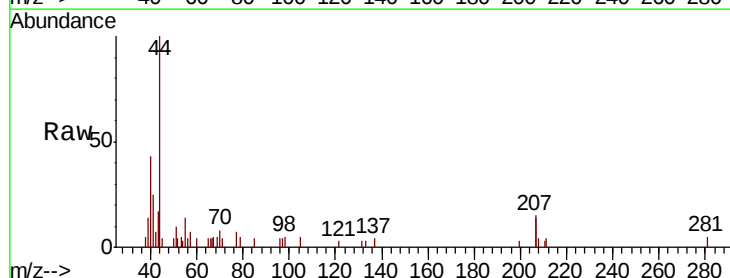
Acq: 22 Apr 2019 16:19

Tgt Ion: 85 Resp: 137

Ion Ratio Lower Upper

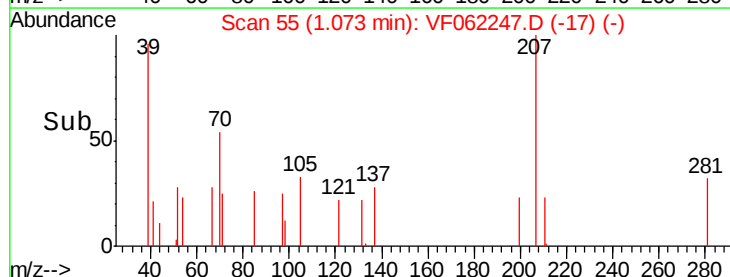
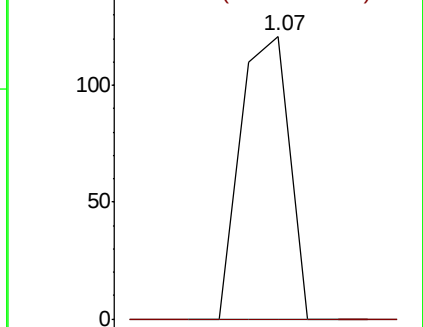
85 100

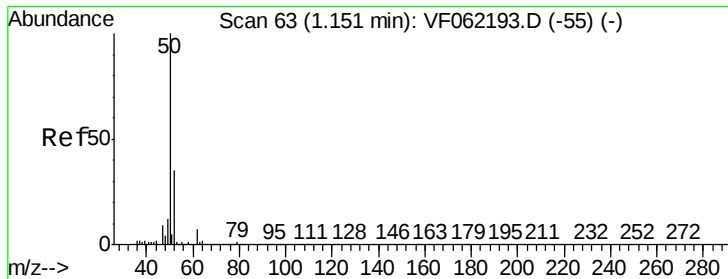
87 0.0 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0





#3

Chloromethane

Concen: 2.052 ug/l

RT: 1.16 min Scan# 64

Delta R.T. 0.01 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

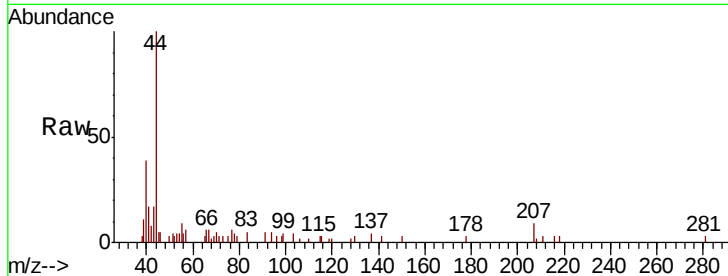
TP-TRACK-70-71RE

Tot Ion: 50 Resp: 238

Ion Ratio Lower Upper

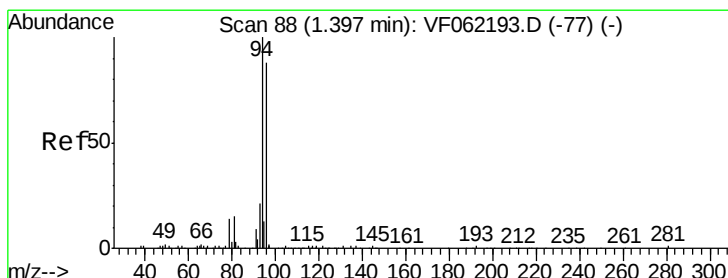
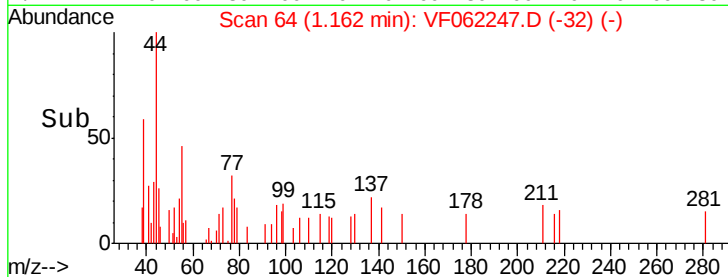
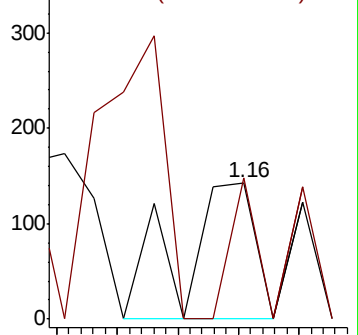
50 100

52 103.5 27.0 40.4#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0



#5

Bromomethane

Concen: 2.954 ug/l

RT: 1.35 min Scan# 83

Delta R.T. -0.05 min

Lab File: VF062247.D

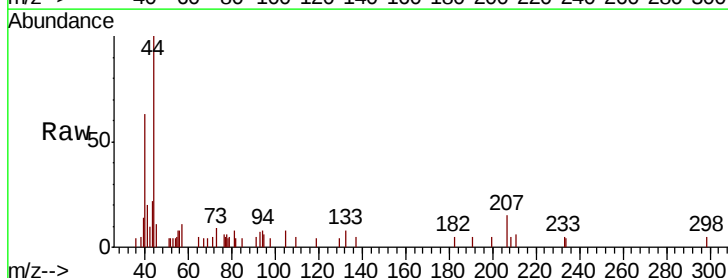
Acq: 22 Apr 2019 16:19

Tgt Ion: 94 Resp: 171

Ion Ratio Lower Upper

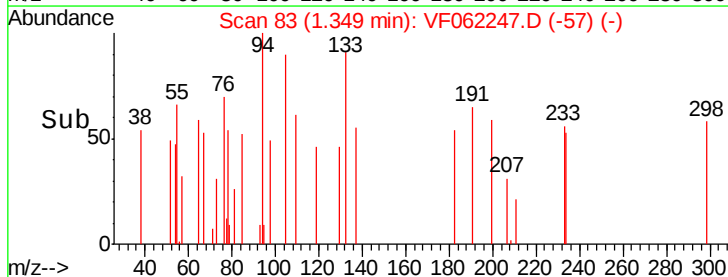
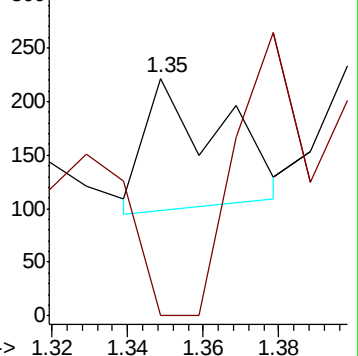
94 100

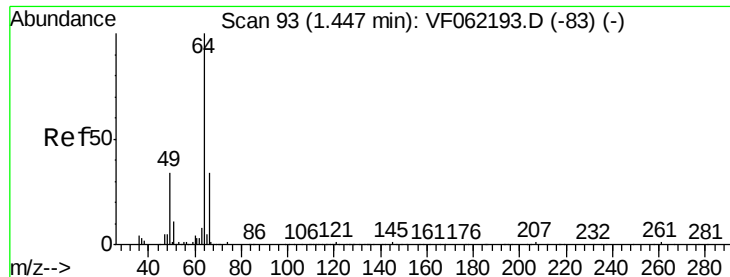
96 0.0 70.2 105.4#



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0

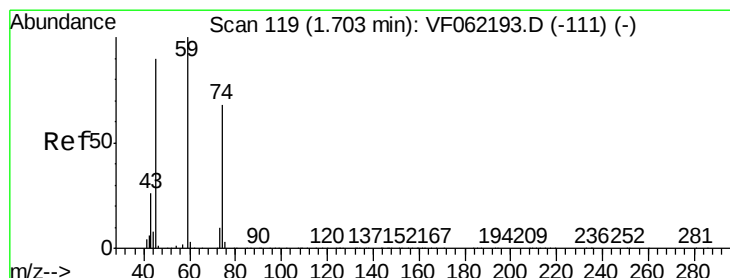
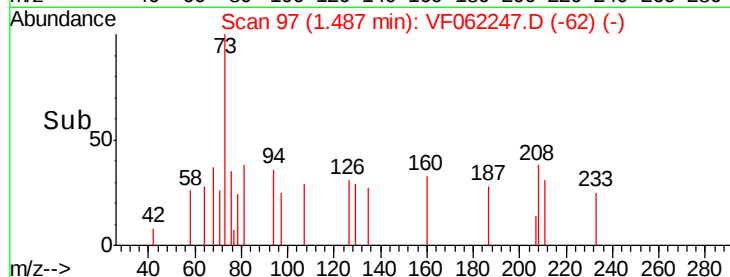
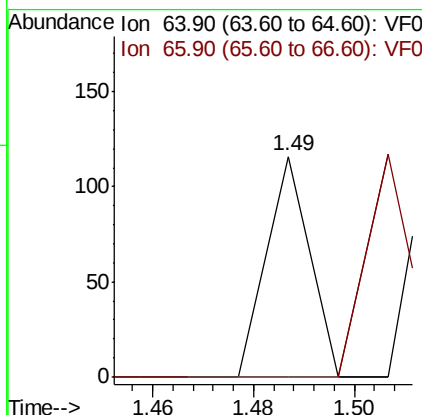
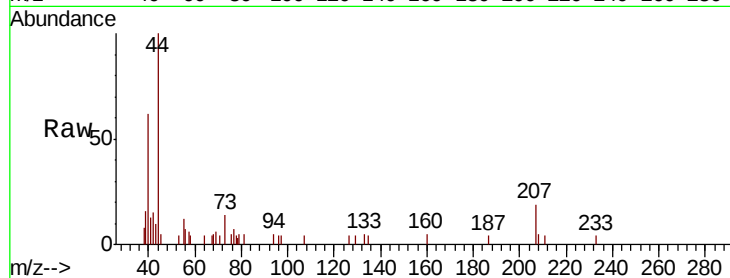




#6
Chloroethane
Concen: 1.657 ug/l
RT: 1.49 min Scan# 97
Delta R.T. 0.04 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

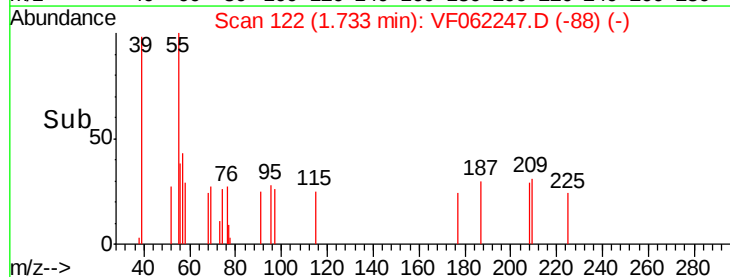
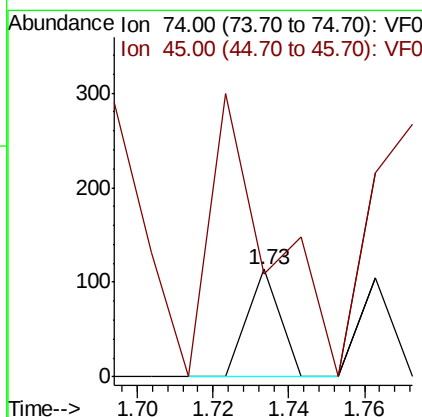
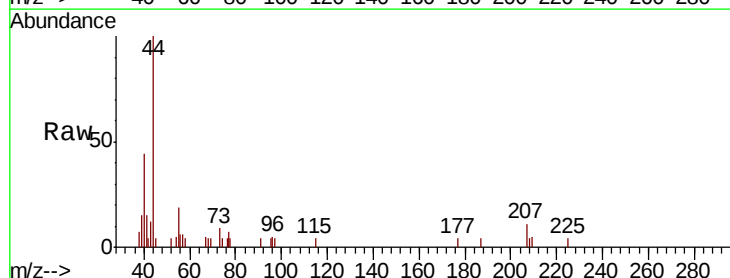
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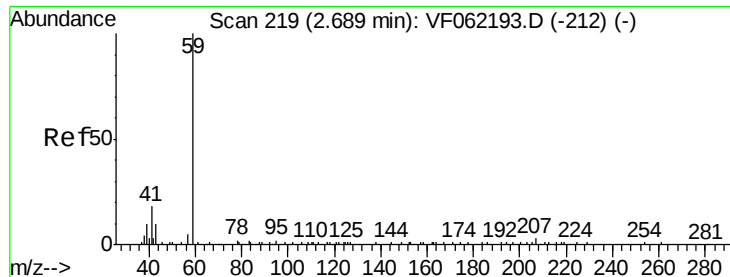
Tot Ion: 64 Resp: 69
Ion Ratio Lower Upper
64 100
66 0.0 27.0 40.4#



#8
Diethyl Ether
Concen: 2.543 ug/l
RT: 1.73 min Scan# 122
Delta R.T. 0.03 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

Tgt Ion: 74 Resp: 67
Ion Ratio Lower Upper
74 100
45 491.0 70.0 210.2#

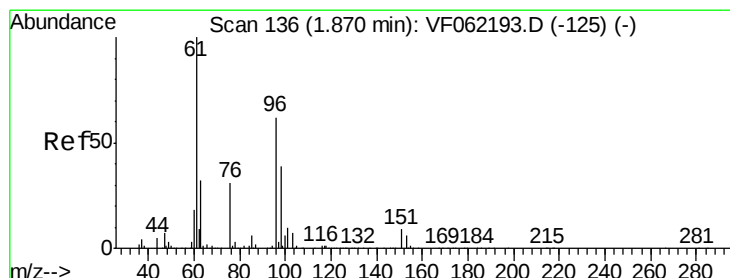
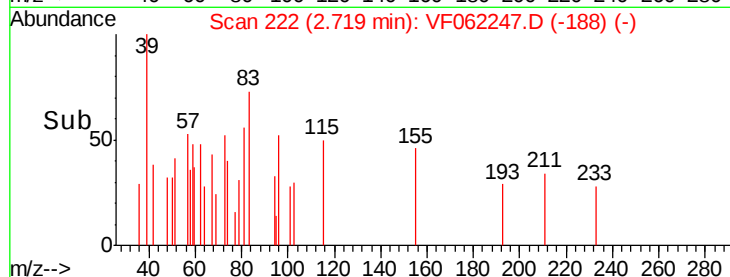
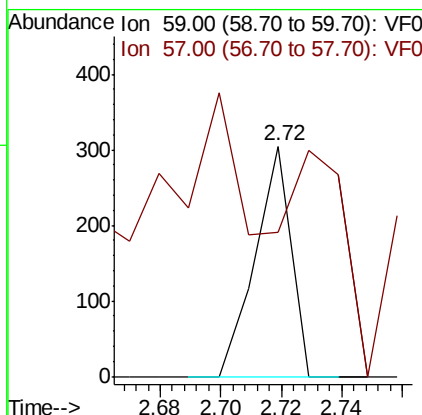
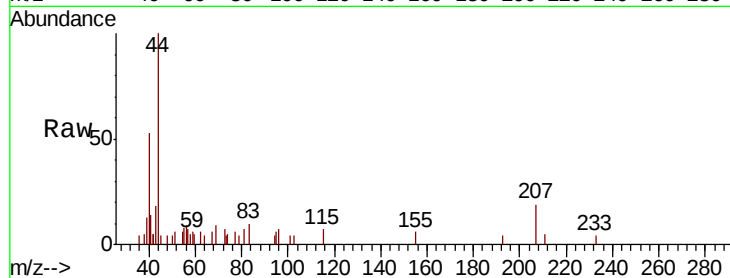




#11
Tert butyl alcohol
Concen: 53.126 ug/l
RT: 2.72 min Scan# 222
Delta R.T. 0.03 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

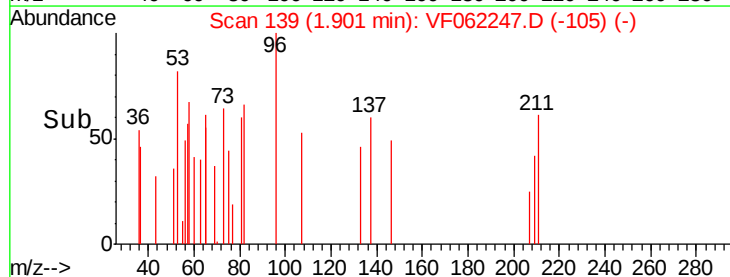
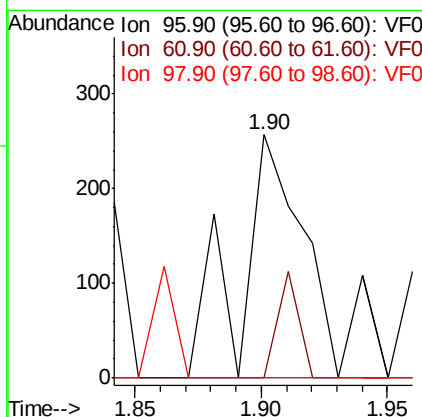
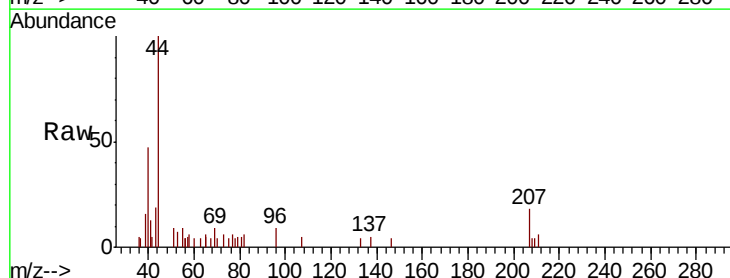
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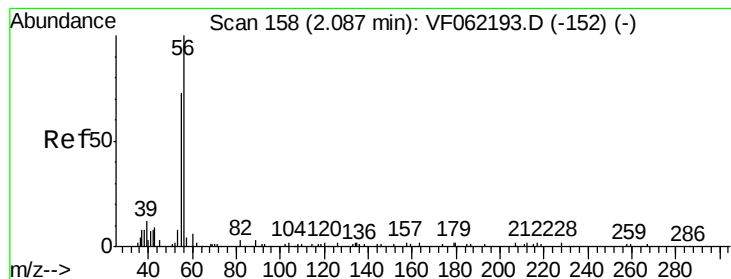
Tot Ion: 59 Resp: 250
Ion Ratio Lower Upper
59 100
57 175.2 9.3 13.9#



#12
1,1-Dichloroethene
Concen: 5.423 ug/l
RT: 1.90 min Scan# 139
Delta R.T. 0.03 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

Tgt Ion: 96 Resp: 446
Ion Ratio Lower Upper
96 100
61 0.0 129.1 193.7#
98 0.0 50.0 75.0#





#13

Acrolein

Concen: 215.201 ug/l

RT: 2.09 min Scan# 158

Delta R.T. 0.00 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

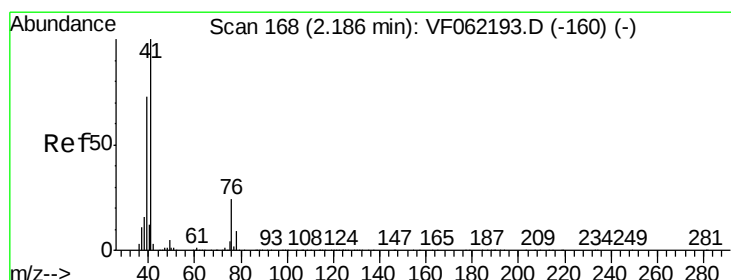
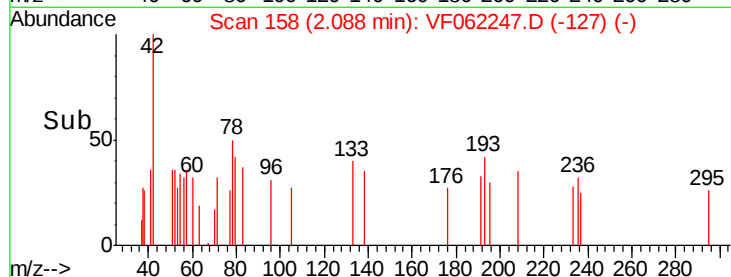
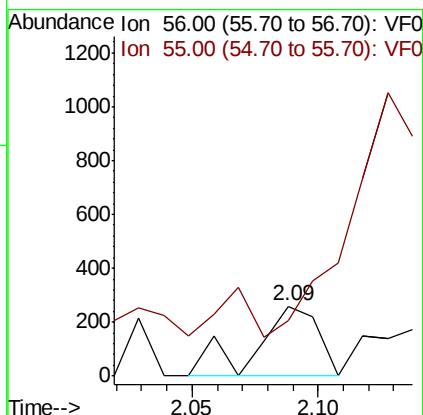
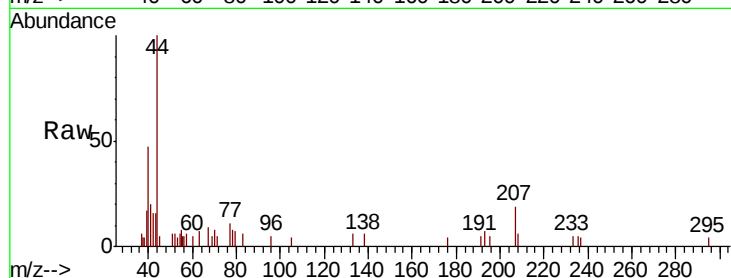
TP-TRACK-70-71RE

Tot Ion: 56 Resp: 448

Ion Ratio Lower Upper

56 100

55 35.7 57.4 86.0#



#14

Allyl chloride

Concen: 4.598 ug/l

RT: 2.20 min Scan# 169

Delta R.T. 0.01 min

Lab File: VF062247.D

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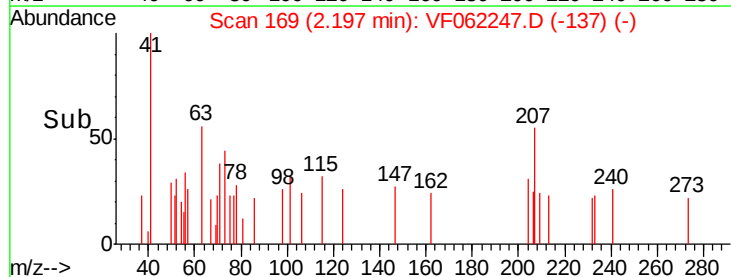
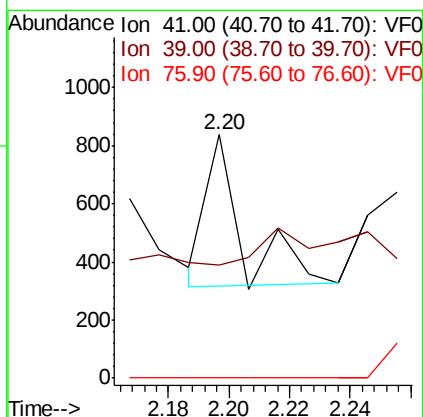
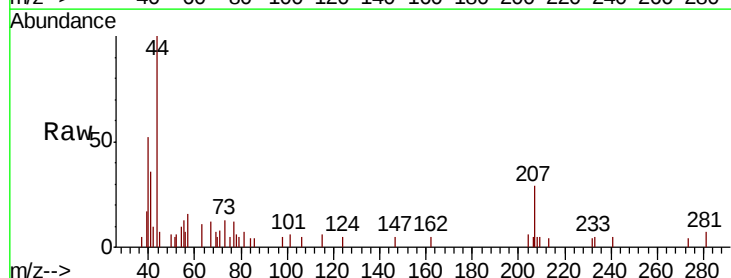
Tgt Ion: 41 Resp: 434

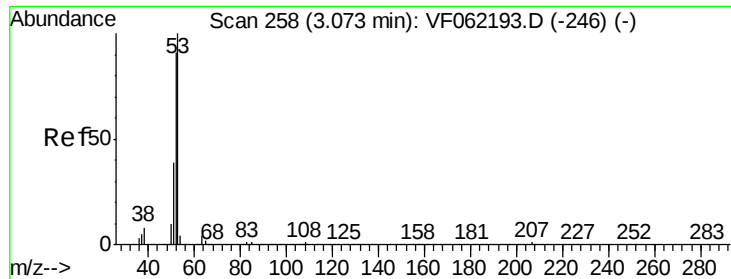
Ion Ratio Lower Upper

41 100

39 40.8 60.0 90.0#

76 0.0 20.6 30.8#





#15

Acrylonitrile

Concen: 25.606 ug/l

RT: 3.11 min Scan# 262

Delta R.T. 0.04 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

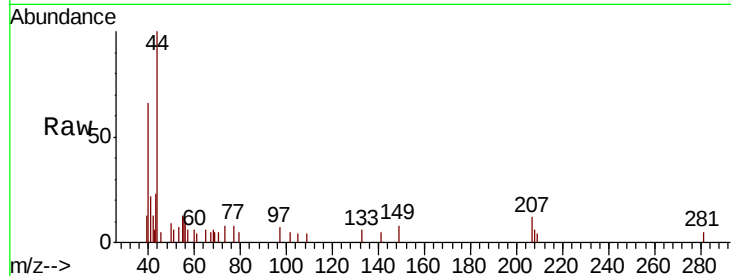
Tot Ion: 53 Resp: 367

Ion Ratio Lower Upper

53 100

52 0.0 69.5 104.3#

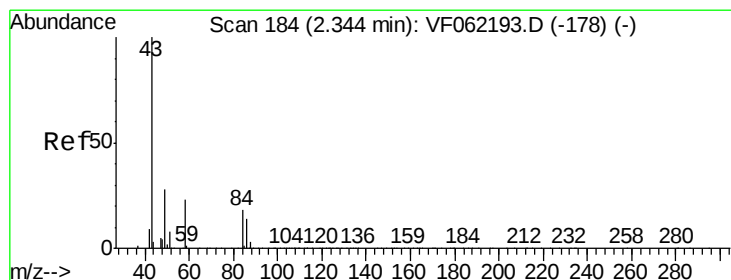
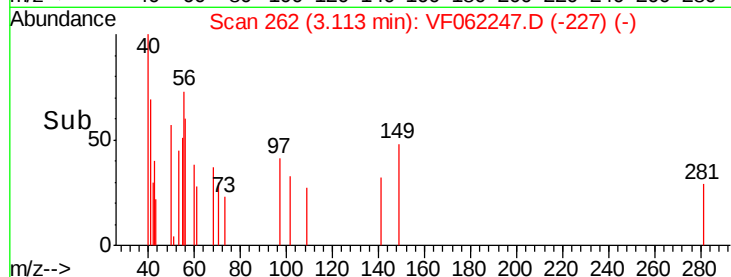
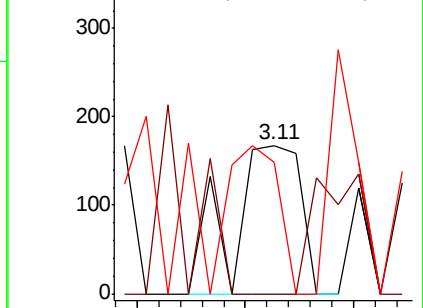
51 74.4 31.8 47.8#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 37.882 ug/l

RT: 2.35 min Scan# 185

Delta R.T. 0.01 min

Lab File: VF062247.D

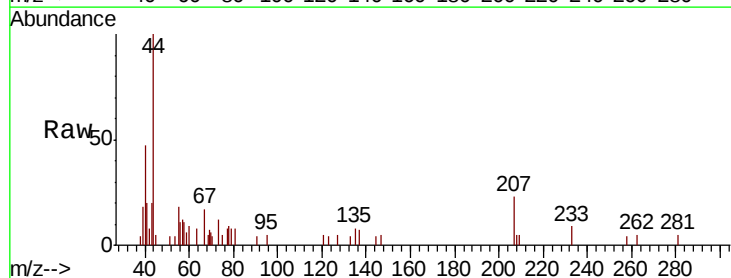
Acq: 22 Apr 2019 16:19

Tgt Ion: 43 Resp: 613

Ion Ratio Lower Upper

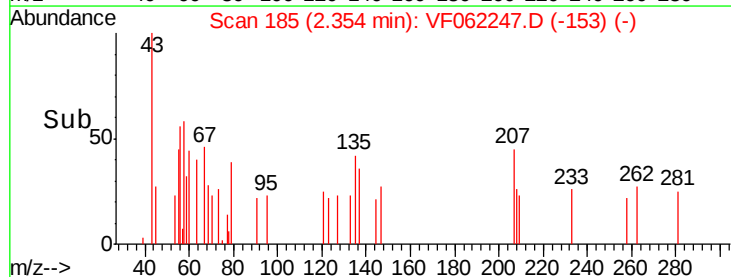
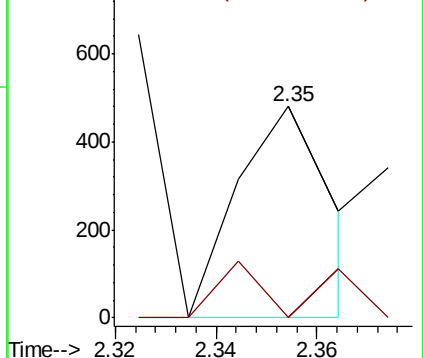
43 100

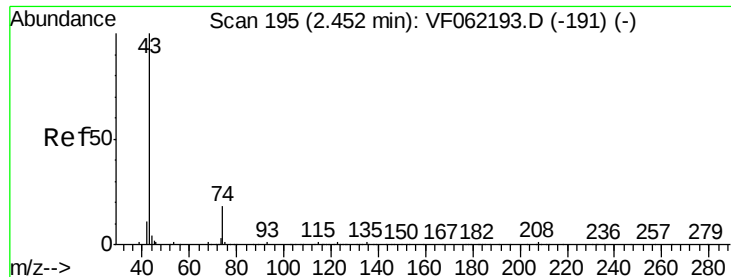
58 0.0 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

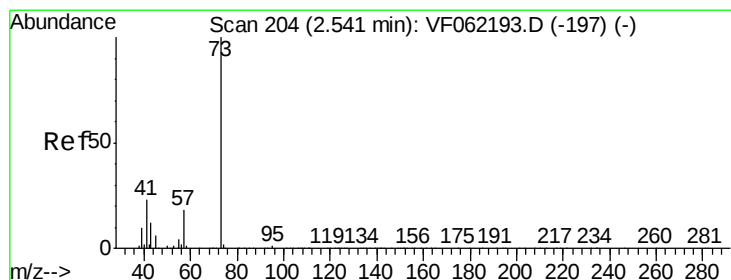
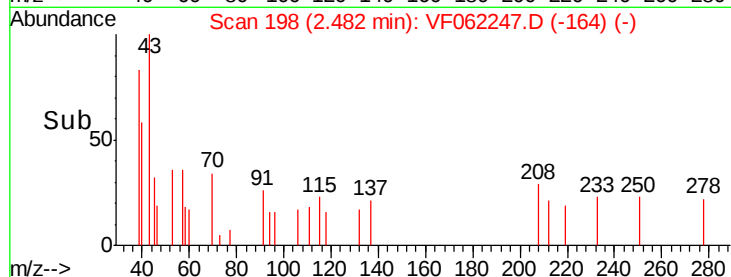
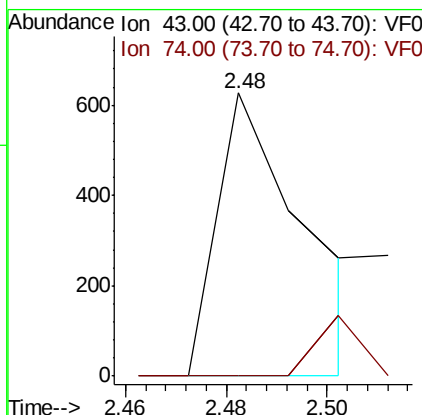
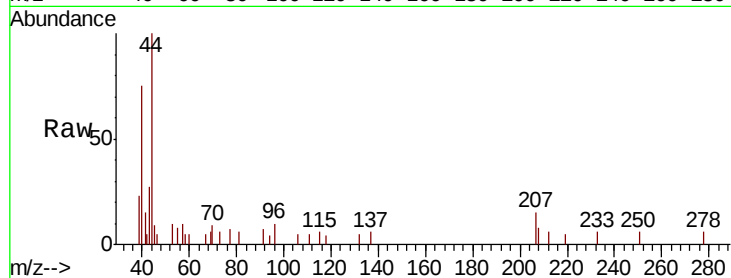




#18
Methyl Acetate
Concen: 17.524 ug/l
RT: 2.48 min Scan# 198
Delta R.T. 0.03 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

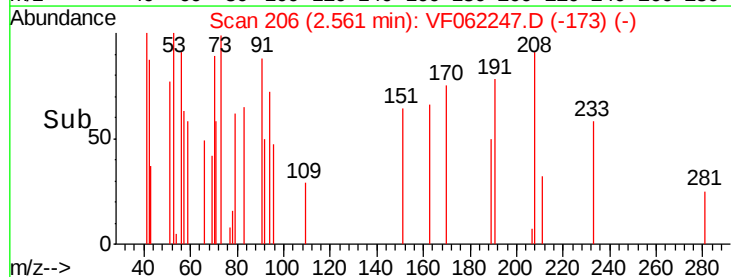
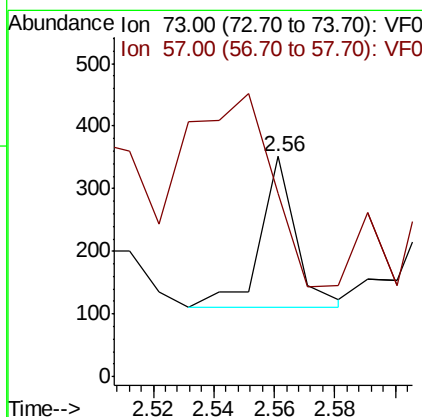
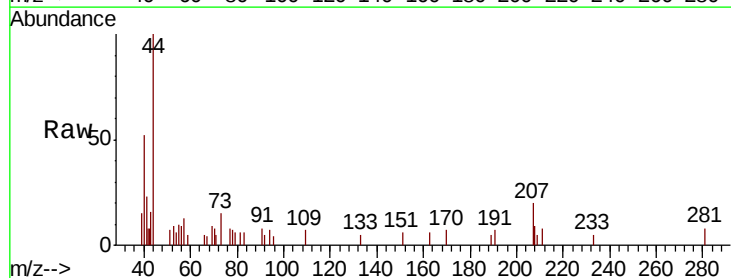
Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-70-71RE

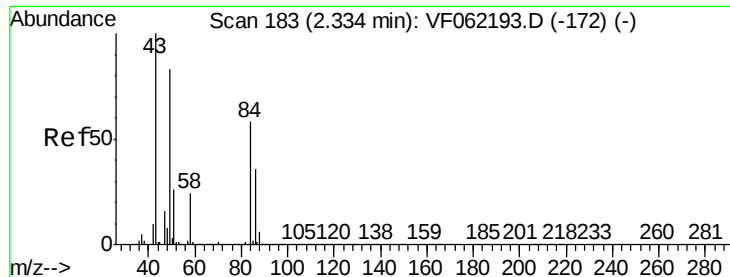
Tot Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
74 10.8 14.5 21.7#



#19
Methyl tert-butyl Ether
Concen: 1.364 ug/l
RT: 2.56 min Scan# 206
Delta R.T. 0.02 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

Tgt Ion: 73 Resp: 198
Ion Ratio Lower Upper
73 100
57 60.8 15.1 22.7#





#20

Methvlene Chloride

Concen: Below Cal

RT: 2.36 min Scan# 186

Delta R.T. 0.03 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

Tot Ion: 84 Resp: 124

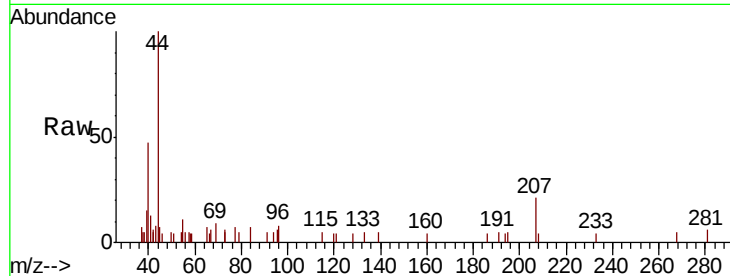
Ion Ratio Lower Upper

84 100

49 0.0 114.0 171.0#

51 57.9 37.0 55.4#

86 0.0 49.8 74.8#

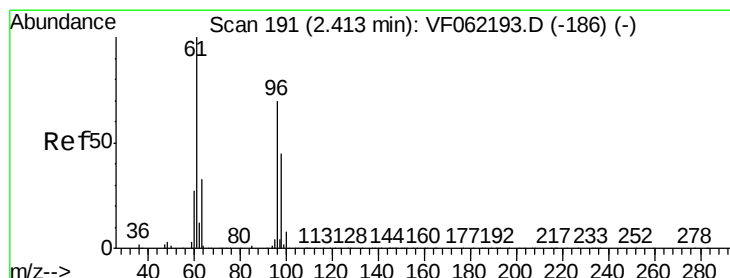
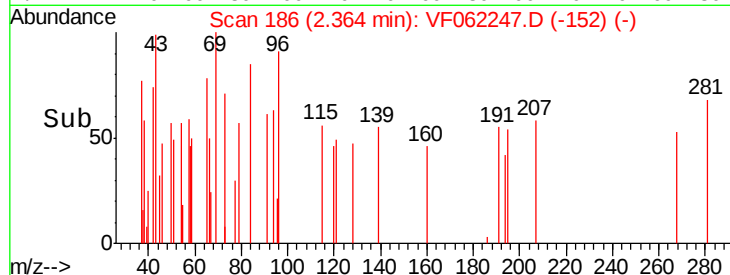
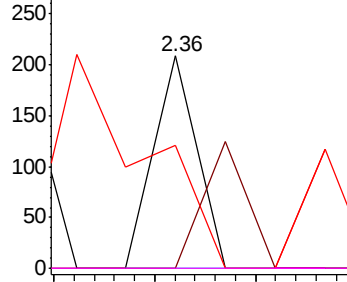


Abundance Ion 83.90 (83.60 to 84.60): VF0

Ion 48.90 (48.60 to 49.60): VF0

Ion 50.90 (50.60 to 51.60): VF0

Ion 85.90 (85.60 to 86.60): VF0



#21

trans-1,2-Dichloroethene

Concen: 2.619 ug/l

RT: 2.44 min Scan# 194

Delta R.T. 0.03 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

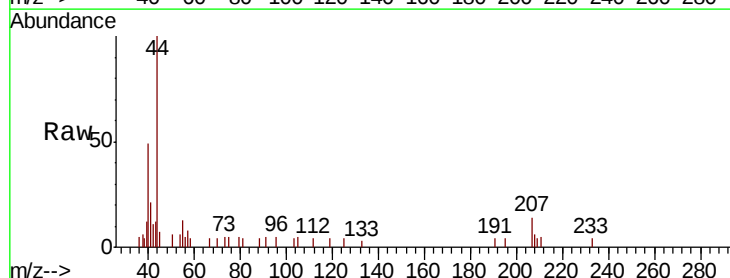
Tgt Ion: 96 Resp: 213

Ion Ratio Lower Upper

96 100

61 0.0 114.6 172.0#

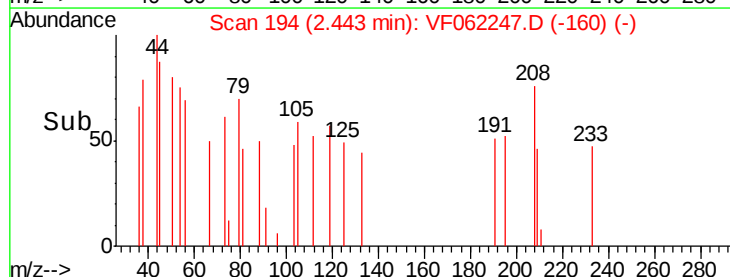
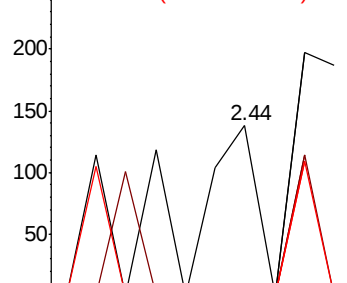
98 0.0 51.2 76.8#

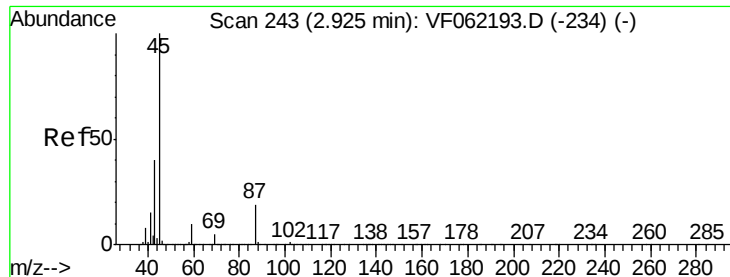


Abundance Ion 95.90 (95.60 to 96.60): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 97.90 (97.60 to 98.60): VF0





#22

Diisopropyl ether

Concen: 1.814 ug/l

RT: 2.94 min Scan# 244

Delta R.T. 0.01 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

Tot Ion: 45 Resp: 438

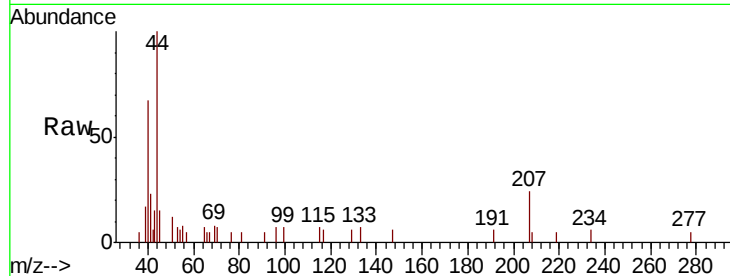
Ion Ratio Lower Upper

45 100

43 0.0 32.8 49.2#

87 0.0 15.2 22.8#

59 0.0 7.8 11.6#

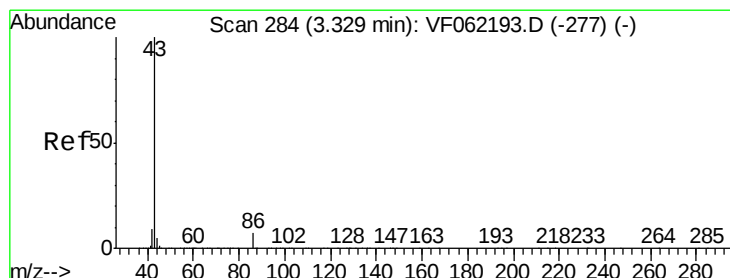
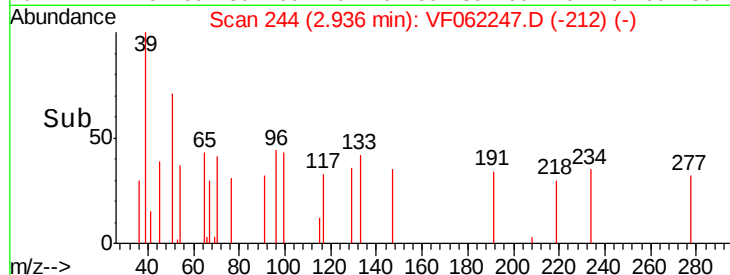
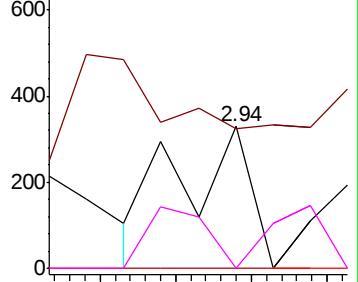


Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0



#23

Vinyl Acetate

Concen: 2.225 ug/l

RT: 3.41 min Scan# 292

Delta R.T. 0.08 min

Lab File: VF062247.D

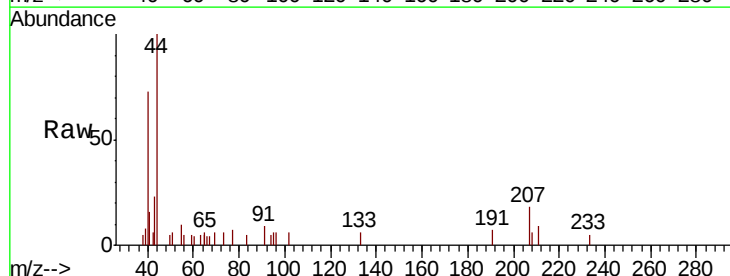
Acq: 22 Apr 2019 16:19

Tgt Ion: 43 Resp: 256

Ion Ratio Lower Upper

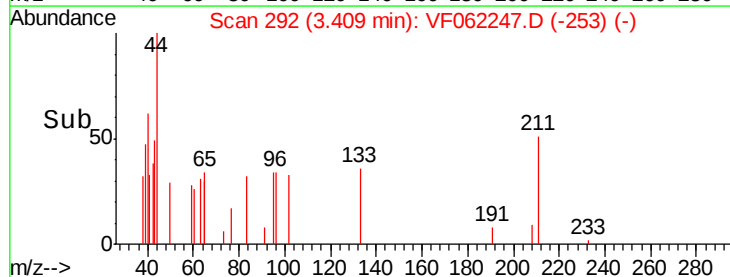
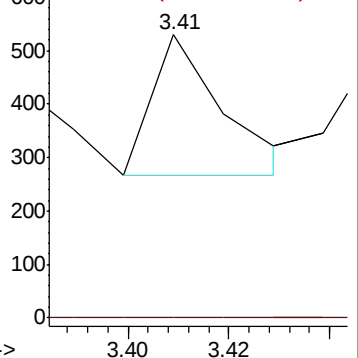
43 100

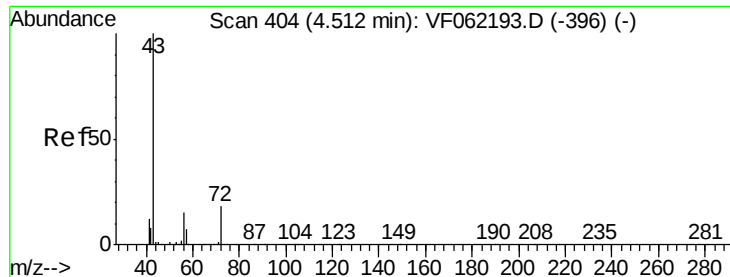
86 0.0 5.9 8.9#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#25

2-Butanone

Concen: 16.319 ug/l

RT: 4.56 min Scan# 409

Delta R.T. 0.05 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

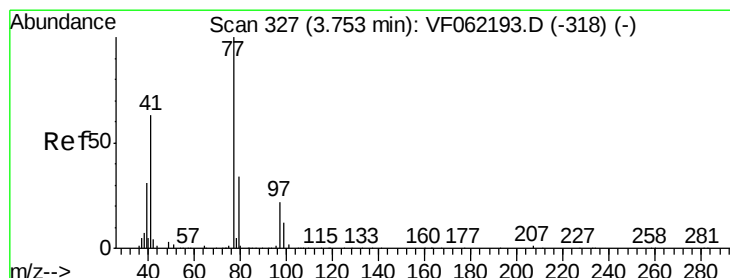
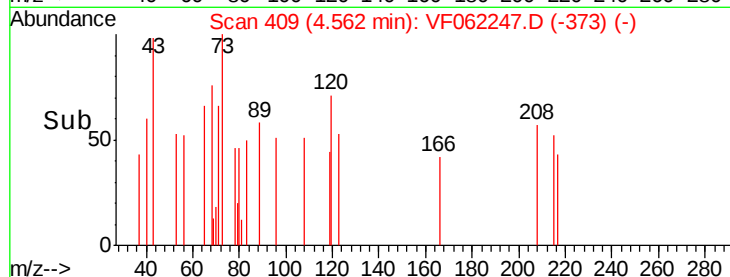
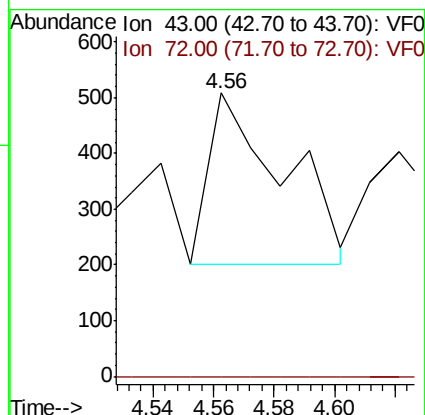
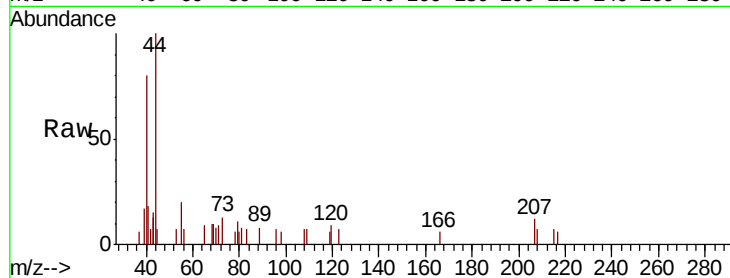
TP-TRACK-70-71RE

Tot Ion: 43 Resp: 528

Ion Ratio Lower Upper

43 100

72 0.0 16.1 24.1#



#26

2,2-Dichloropropane

Concen: 15.912 ug/l

RT: 3.87 min Scan# 339

Delta R.T. 0.12 min

Lab File: VF062247.D

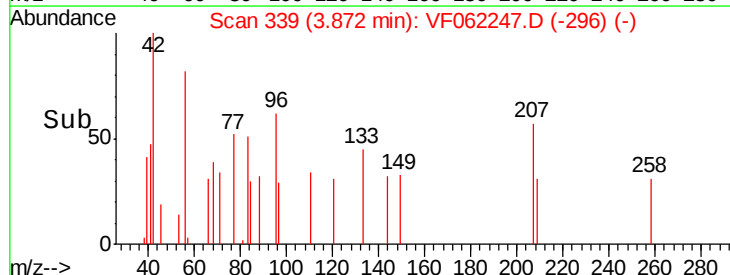
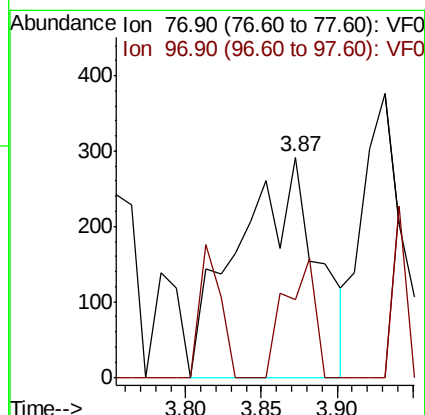
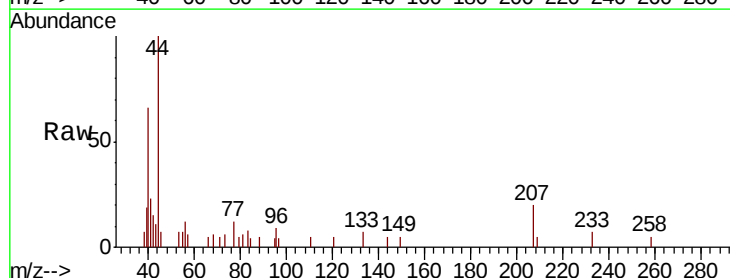
Acq: 22 Apr 2019 16:19

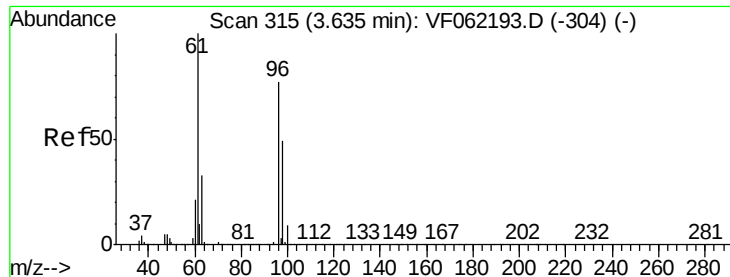
Tgt Ion: 77 Resp: 1061

Ion Ratio Lower Upper

77 100

97 20.7 11.1 33.3



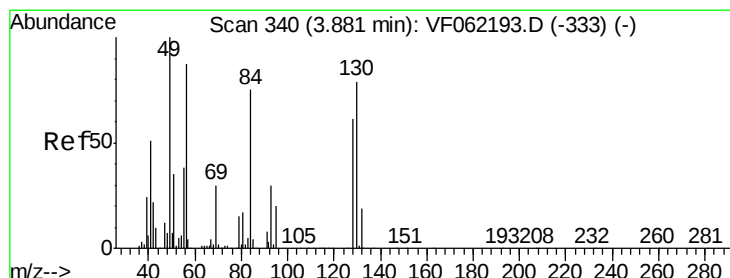
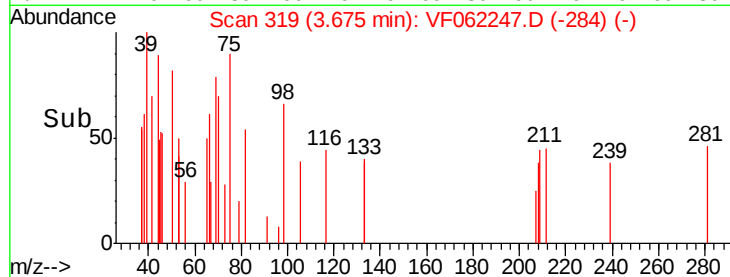
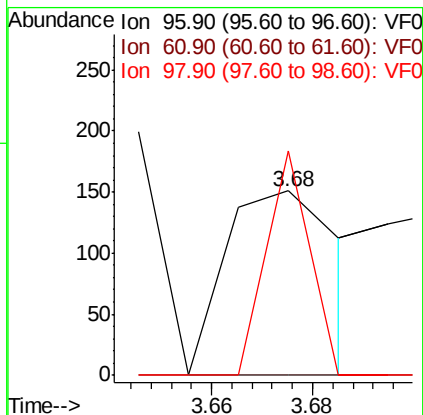
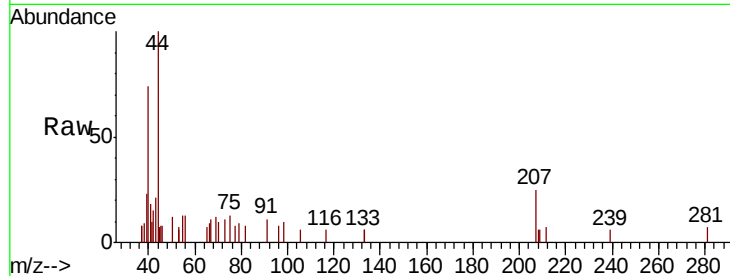


#27

cis-1,2-Dichloroethene
Concen: 2.250 ug/l
RT: 3.68 min Scan# 319
Delta R.T. 0.04 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-70-71RE

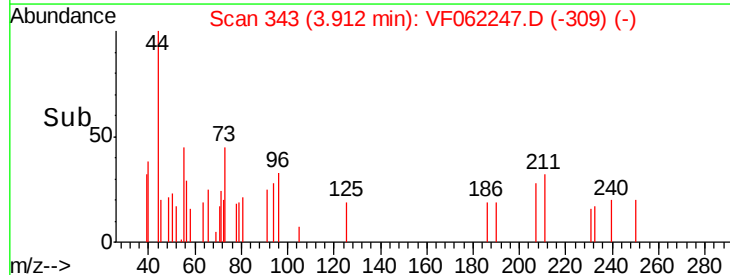
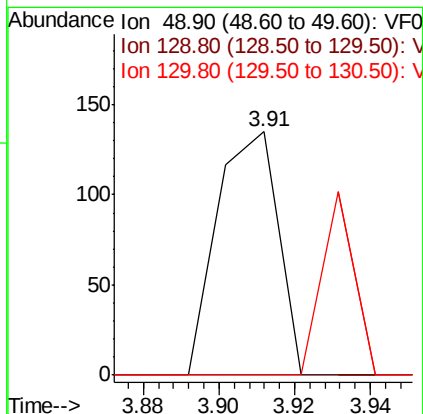
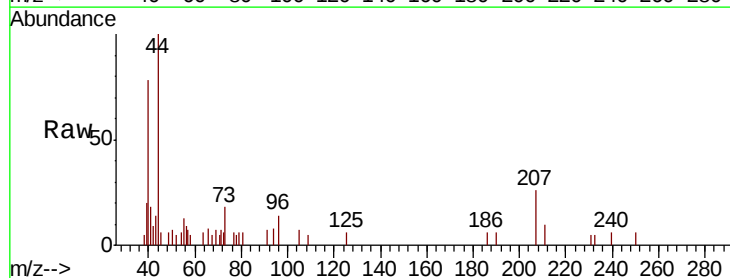
Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	253.6
98	46.0	0.0	124.8

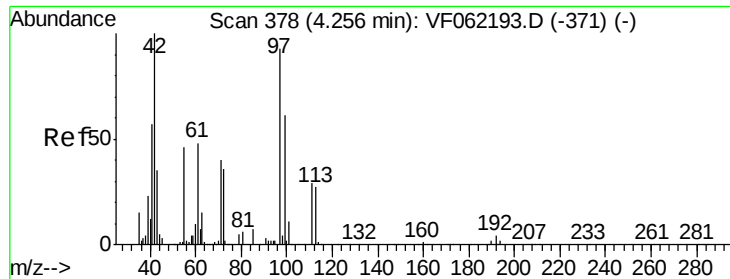


#28

Bromochloromethane
Concen: 2.355 ug/l
RT: 3.91 min Scan# 343
Delta R.T. 0.03 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	40.3	66.6	100.0#





#29

Tetrahydrofuran

Concen: 9.013 ug/l

RT: 4.26 min Scan# 378

Delta R.T. 0.00 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

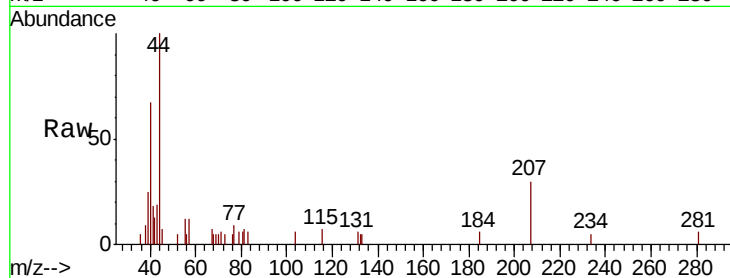
Tot Ion: 42 Resp: 132

Ion Ratio Lower Upper

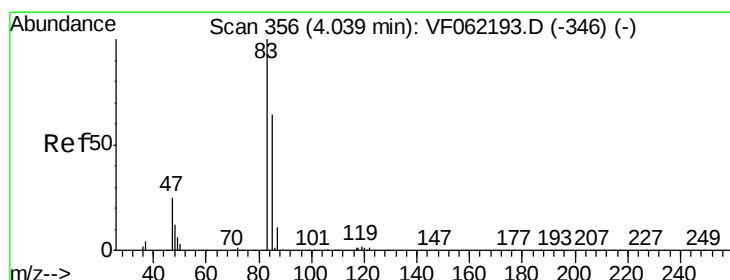
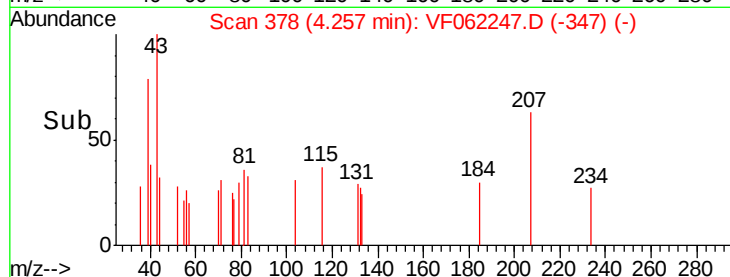
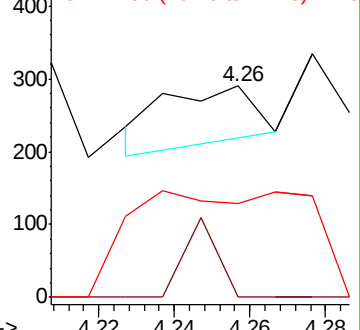
42 100

72 48.5 28.6 43.0#

71 359.8 29.2 43.8#



Abundance Ion 42.00 (41.70 to 42.70): VF0
Ion 72.00 (71.70 to 72.70): VF0
Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 1.041 ug/l

RT: 4.09 min Scan# 361

Delta R.T. 0.05 min

Lab File: VF062247.D

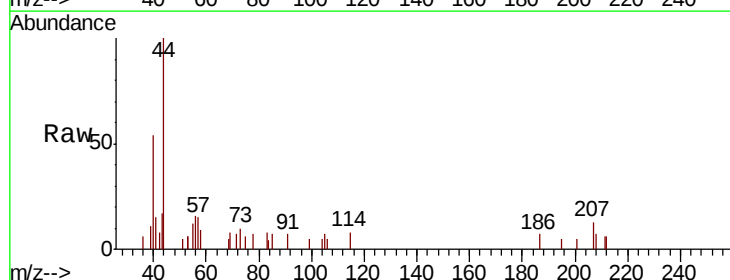
Acq: 22 Apr 2019 16:19

Tgt Ion: 83 Resp: 169

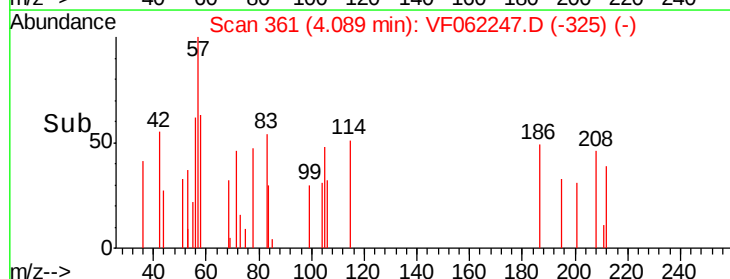
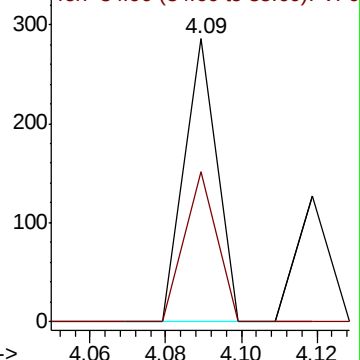
Ion Ratio Lower Upper

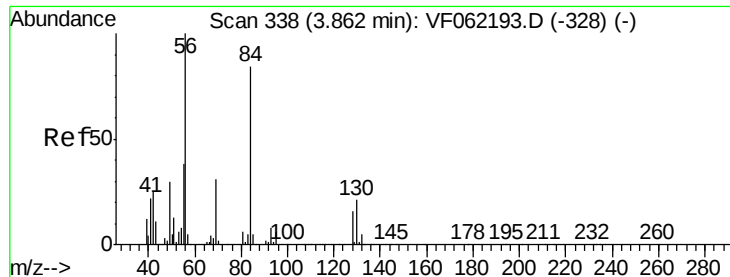
83 100

85 52.8 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VF0
Ion 84.90 (84.60 to 85.60): VF0

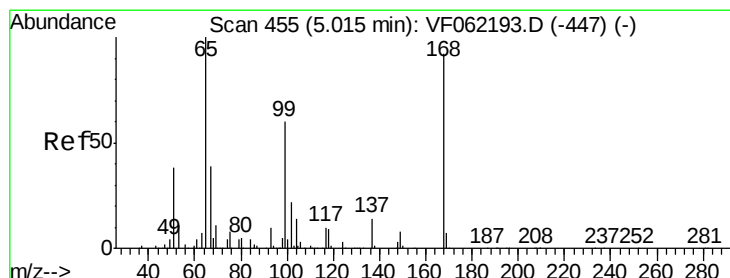
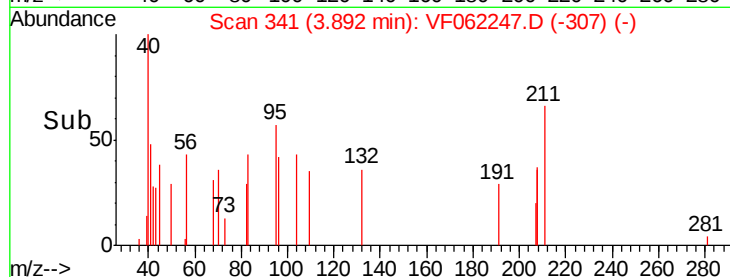
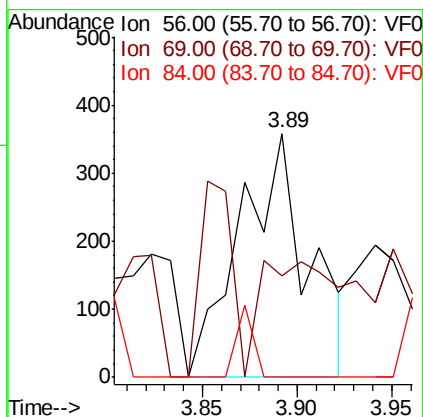
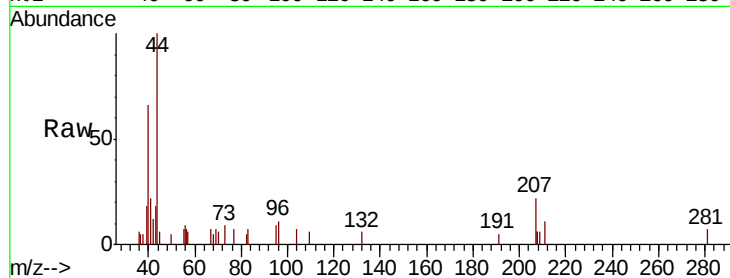




#31
Cvclohexane
Concen: 5.661 ug/l
RT: 3.89 min Scan# 341
Delta R.T. 0.03 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

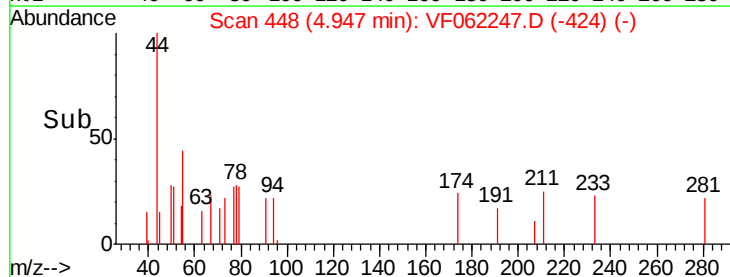
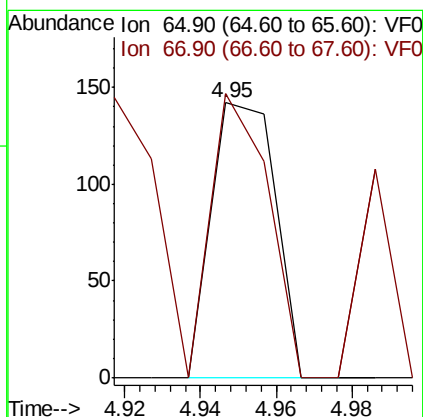
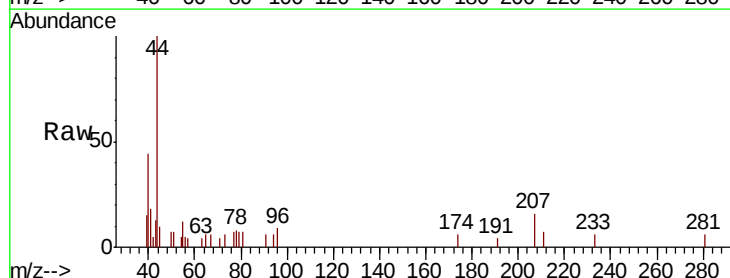
Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-70-71RE

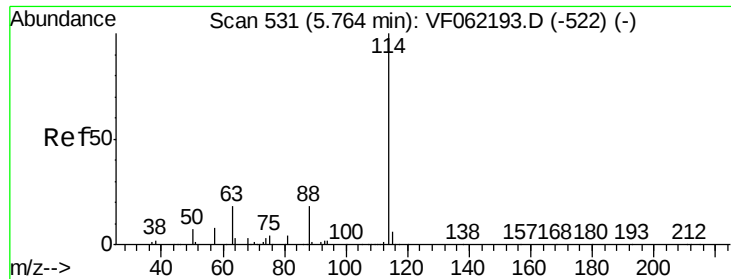
Tot Ion: 56 Resp: 896
Ion Ratio Lower Upper
56 100
69 41.6 25.1 37.7#
84 0.0 67.8 101.6#



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 4.95 min Scan# 448
Delta R.T. -0.07 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

Tgt Ion: 65 Resp: 164
Ion Ratio Lower Upper
65 100
67 93.3 0.0 109.4

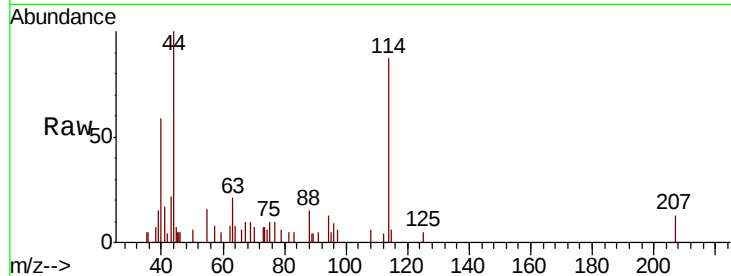




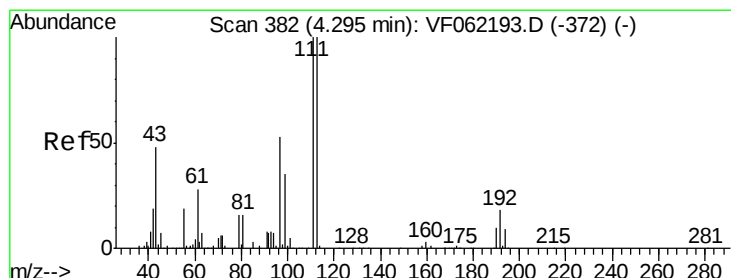
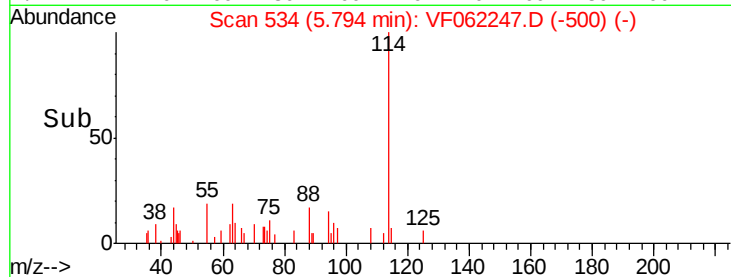
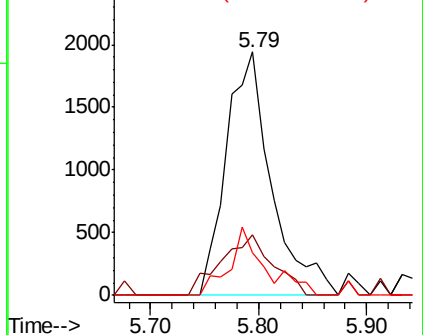
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.79 min Scan# 534
 Delta R.T. 0.03 min
 Lab File: VF062247.D
 Acq: 22 Apr 2019 16:19

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-TRACK-70-71RE

Tot Ion:114 Resp: 5656
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 36.6
 88 17.3 0.0 35.8

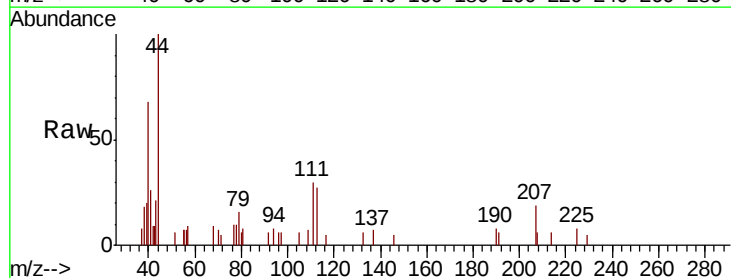


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 87.90 (87.60 to 88.60): VF0

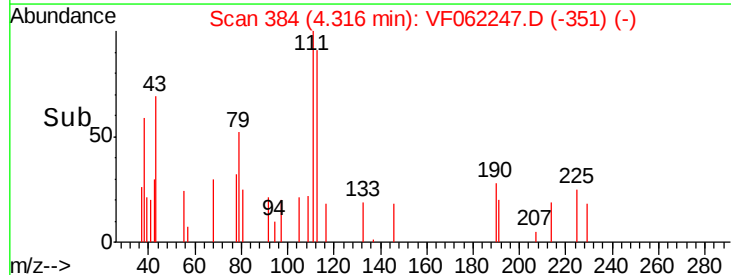
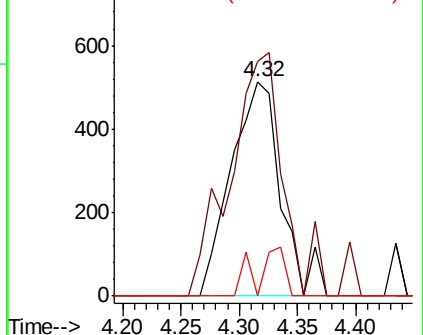


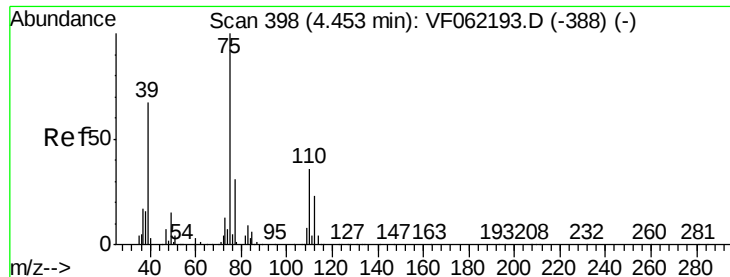
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 4.32 min Scan# 384
 Delta R.T. 0.02 min
 Lab File: VF062247.D
 Acq: 22 Apr 2019 16:19

Tgt Ion:113 Resp: 1526
 Ion Ratio Lower Upper
 113 100
 111 121.0 81.1 121.7
 192 12.8 14.7 22.1#



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





#36

1,1-Dichloropropene

Concen: 2.079 ug/l

RT: 4.49 min Scan# 402

Delta R.T. 0.04 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

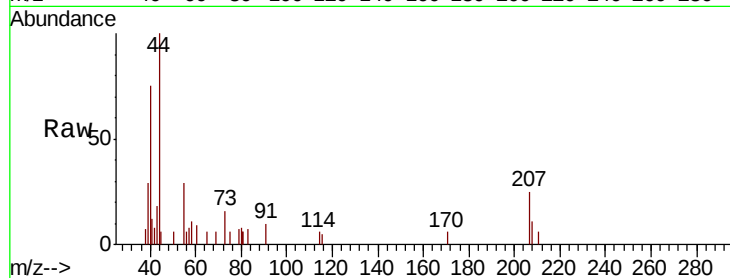
Tot Ion: 75 Resp: 141

Ion Ratio Lower Upper

75 100

110 0.0 18.4 55.2#

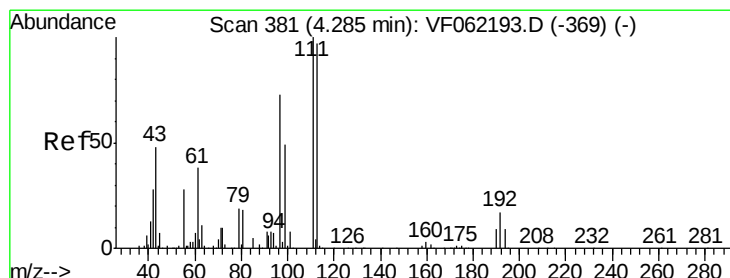
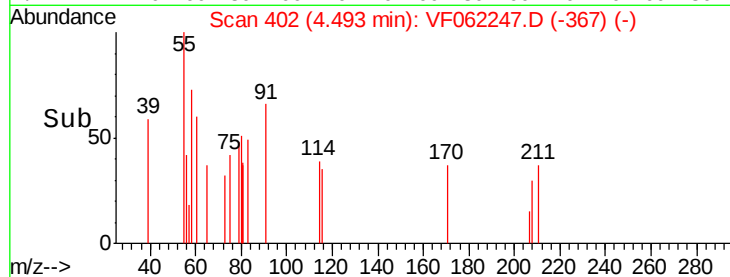
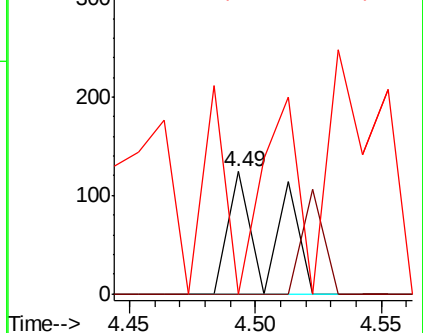
77 88.7 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VF0



#37

Ethyl Acetate

Concen: 24.063 ug/l

RT: 4.35 min Scan# 387

Delta R.T. 0.06 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

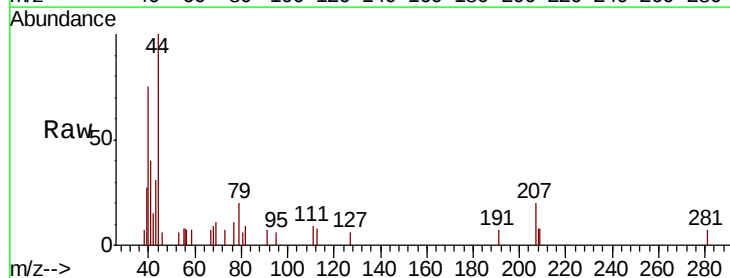
Tgt Ion: 43 Resp: 770

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

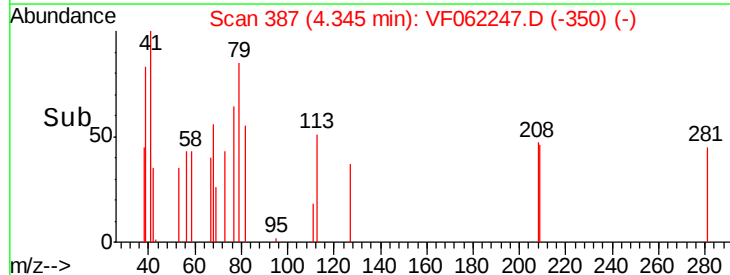
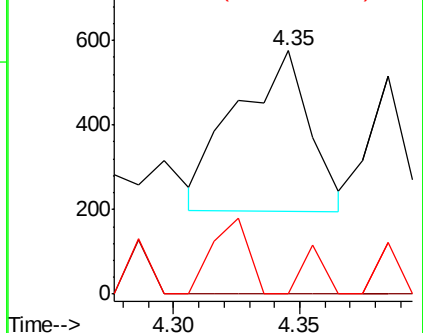
70 9.0 7.8 11.6

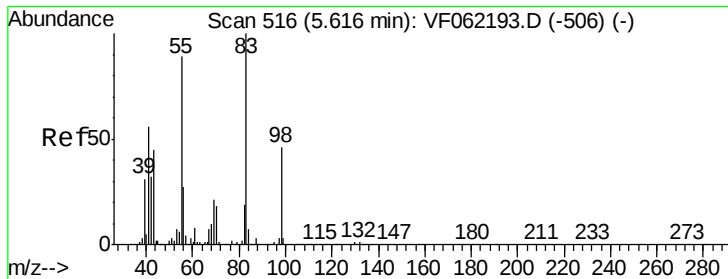


Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 70.00 (69.70 to 70.70): VF0

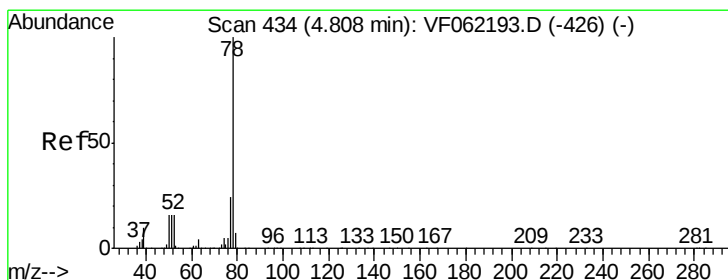
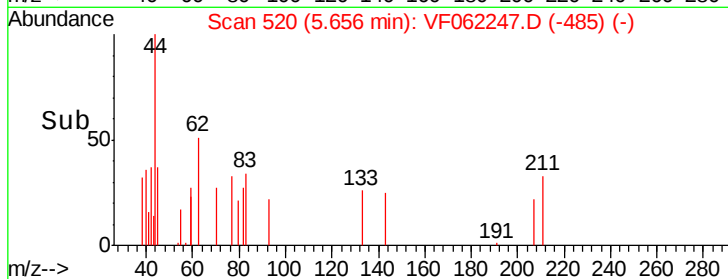
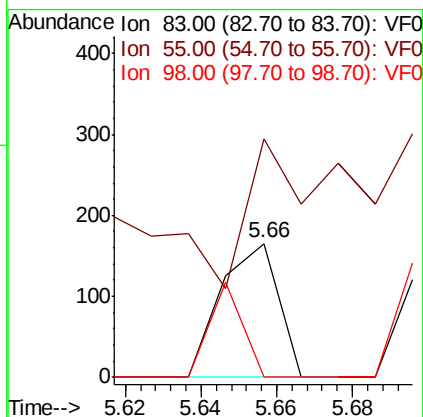
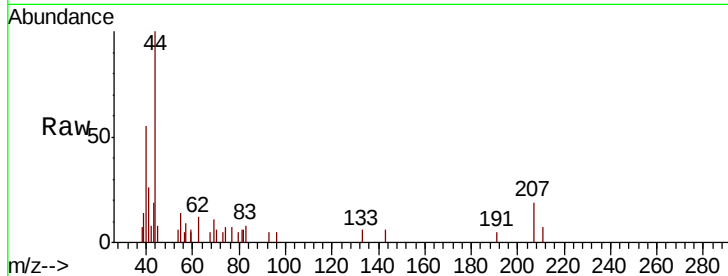




#39
Methvlcvclohexane
Concen: 2.118 ug/l
RT: 5.66 min Scan# 520
Delta R.T. 0.04 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

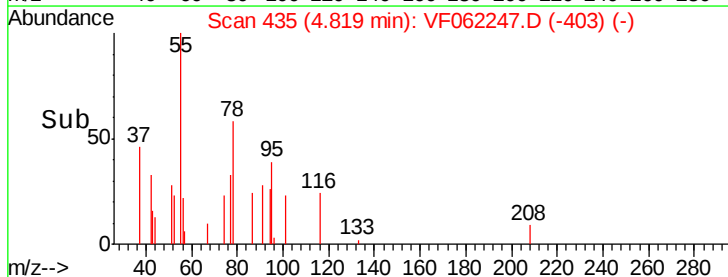
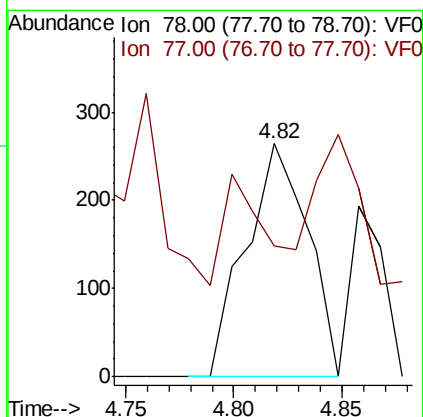
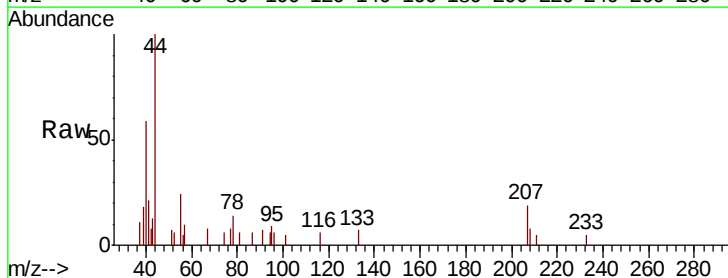
Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-70-71RE

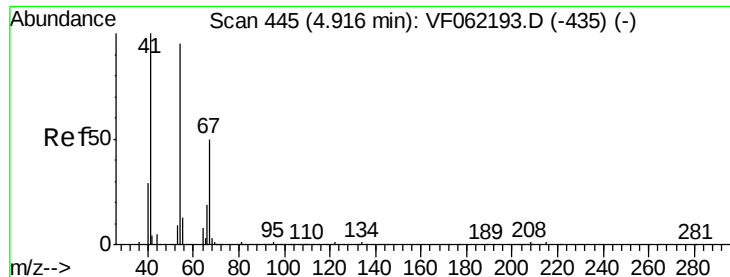
Tot Ion: 83 Resp: 172
Ion Ratio Lower Upper
83 100
55 71.5 71.0 106.6
98 0.0 36.7 55.1#



#40
Benzene
Concen: 2.952 ug/l
RT: 4.82 min Scan# 435
Delta R.T. 0.01 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

Tgt Ion: 78 Resp: 525
Ion Ratio Lower Upper
78 100
77 5.7 18.9 28.3#





#41

Methacrylonitrile

Concen: 20.641 ug/l

RT: 4.98 min Scan# 451

Delta R.T. 0.06 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

Tot Ion: 41 Resp: 381

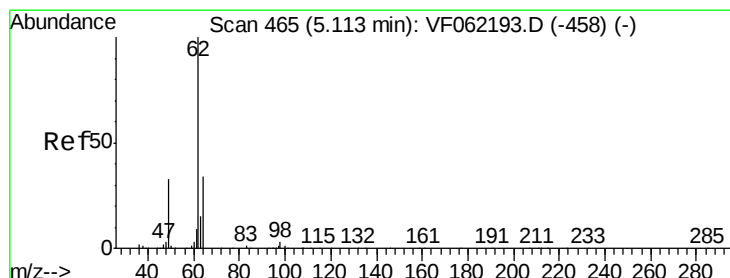
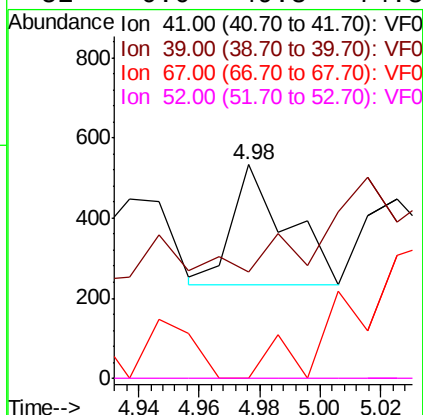
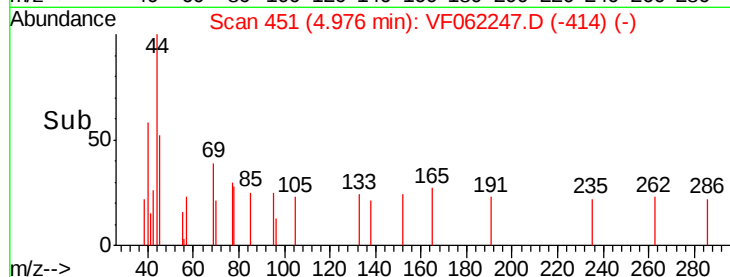
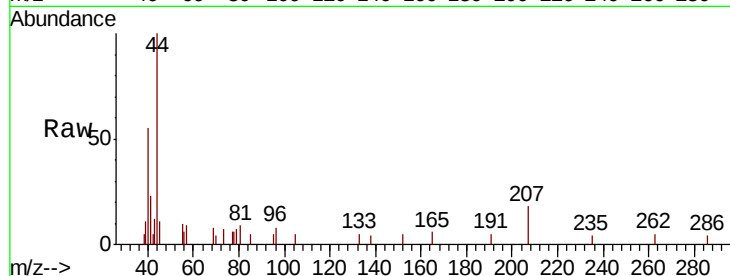
Ion Ratio Lower Upper

41 100

39 0.0 44.7 67.1#

67 0.0 39.1 58.7#

52 0.0 49.8 74.8#



#42

1,2-Dichloroethane

Concen: 1.808 ug/l

RT: 5.04 min Scan# 457

Delta R.T. -0.08 min

Lab File: VF062247.D

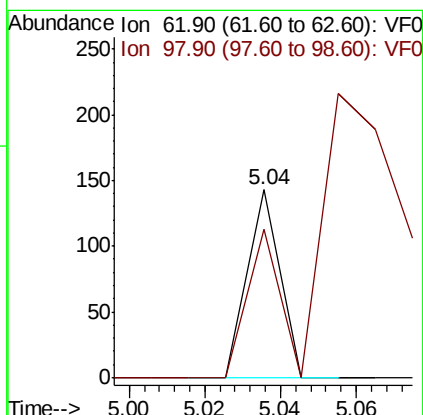
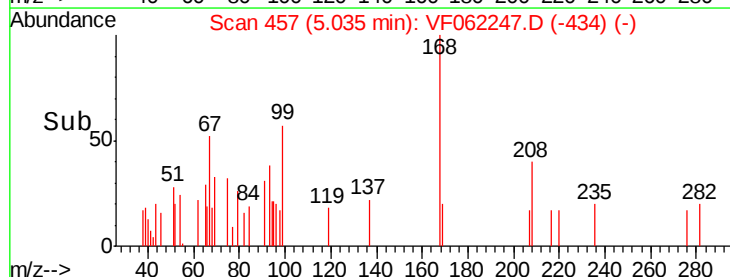
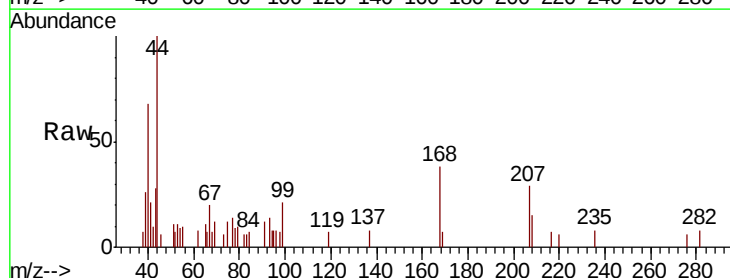
Acq: 22 Apr 2019 16:19

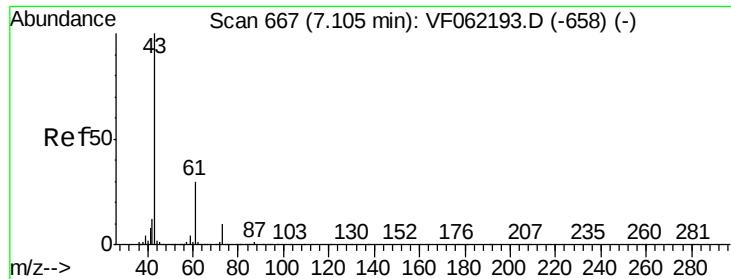
Tgt Ion: 62 Resp: 85

Ion Ratio Lower Upper

62 100

98 434.1 0.0 19.0#





#43

Isopropyl Acetate

Concen: 50.898 ug/l

RT: 7.14 min Scan# 671

Delta R.T. 0.04 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

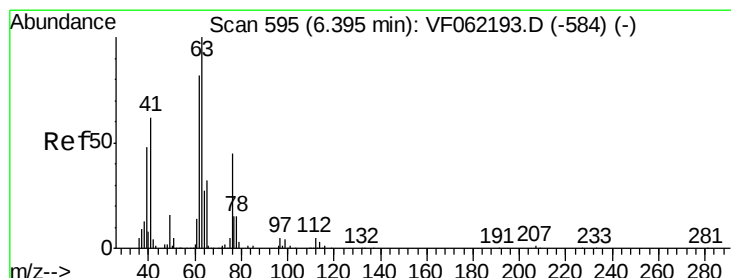
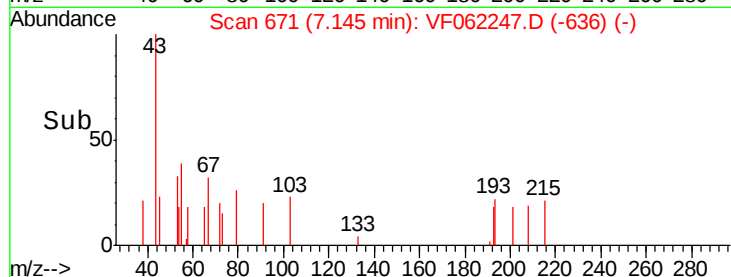
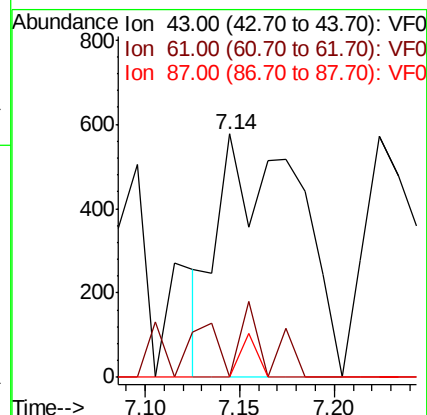
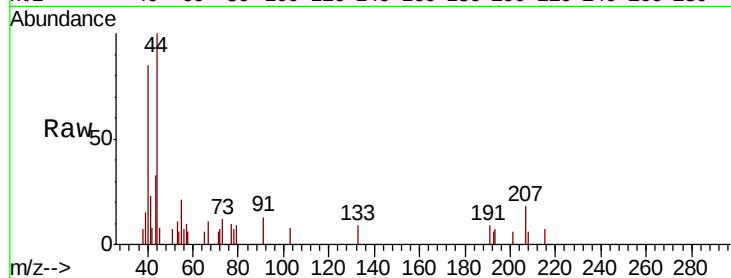
Tot Ion: 43 Resp: 1713

Ion Ratio Lower Upper

43 100

61 10.3 24.4 36.6#

87 3.6 0.4 0.6#



#45

1,2-Dichloropropane

Concen: 1.608 ug/l

RT: 6.46 min Scan# 602

Delta R.T. 0.07 min

Lab File: VF062247.D

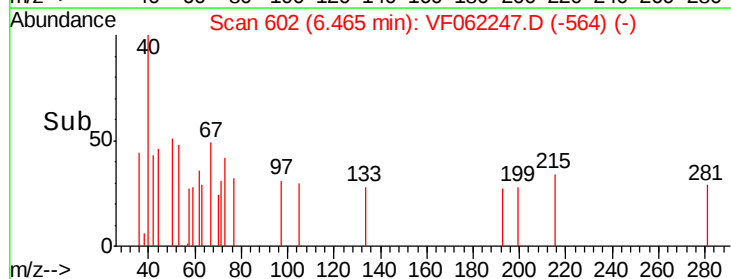
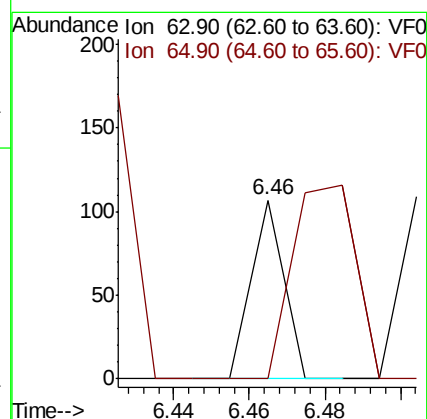
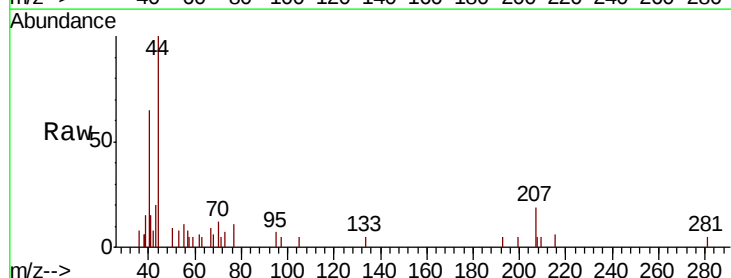
Acq: 22 Apr 2019 16:19

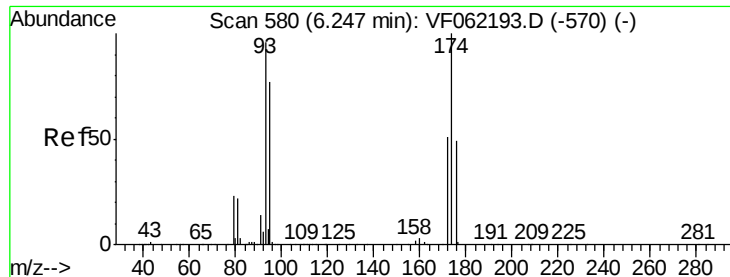
Tgt Ion: 63 Resp: 63

Ion Ratio Lower Upper

63 100

65 0.0 25.9 38.9#





#46

Dibromomethane

Concen: 3.951 ug/l

RT: 6.29 min Scan# 584

Delta R.T. 0.04 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

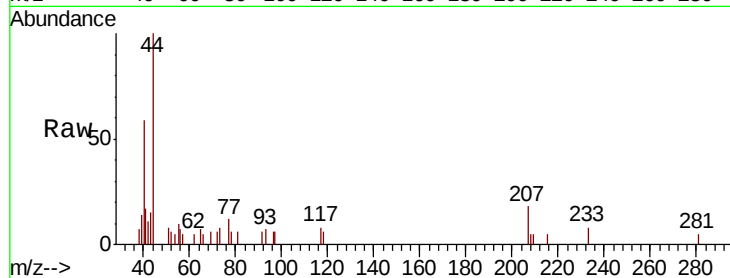
Tot Ion: 93 Resp: 103

Ion Ratio Lower Upper

93 100

95 0.0 65.1 97.7#

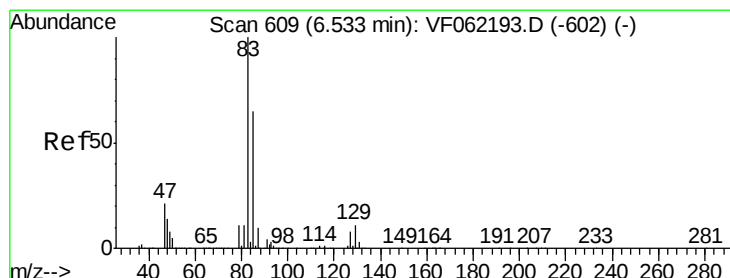
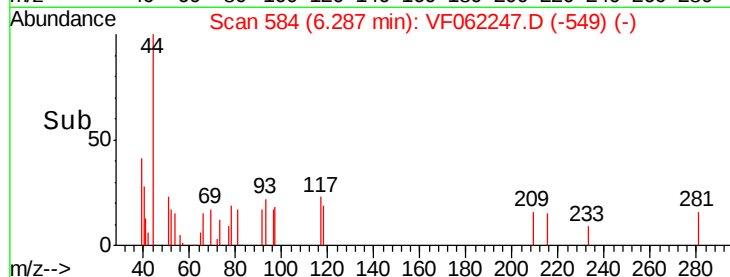
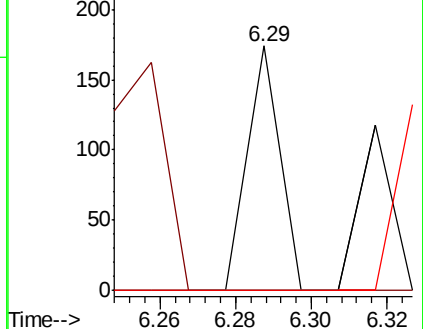
174 0.0 81.8 122.6#



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



#47

Bromodichloromethane

Concen: 2.397 ug/l

RT: 6.60 min Scan# 616

Delta R.T. 0.07 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

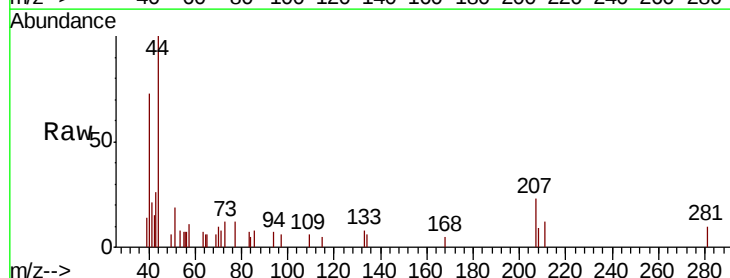
Tgt Ion: 83 Resp: 141

Ion Ratio Lower Upper

83 100

85 114.2 52.2 78.4#

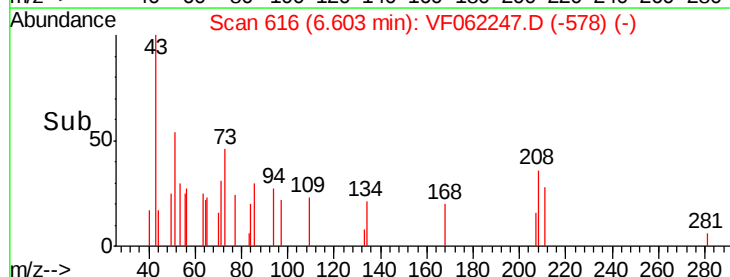
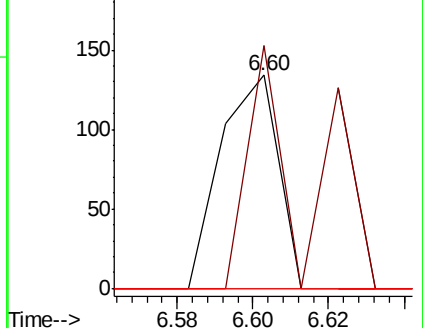
127 0.0 6.7 10.1#

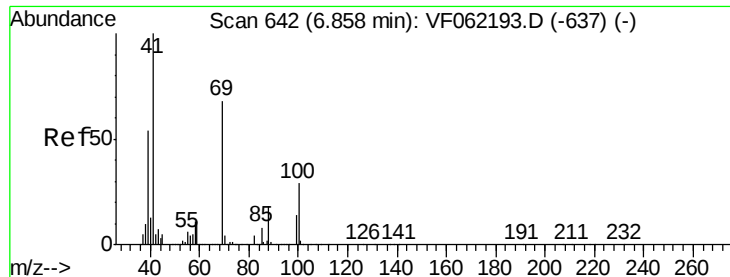


Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 126.80 (126.50 to 127.50): V

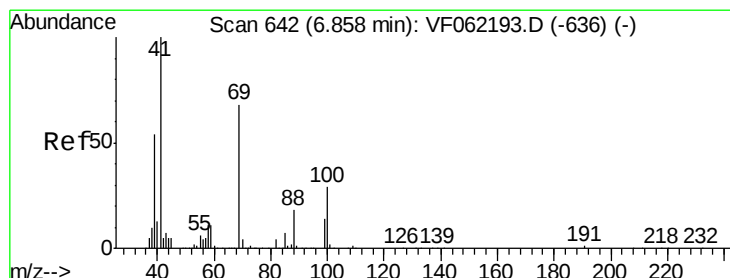
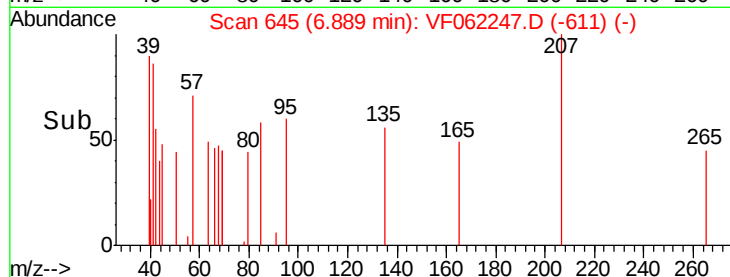
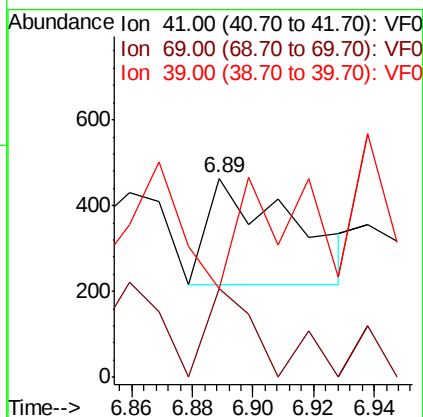
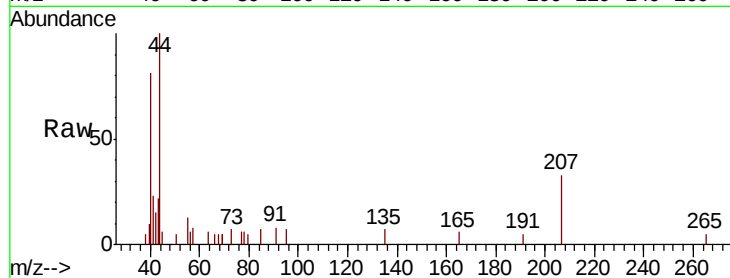




#48
Methvl methacrylate
Concen: 21.973 ug/l
RT: 6.89 min Scan# 645
Delta R.T. 0.03 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

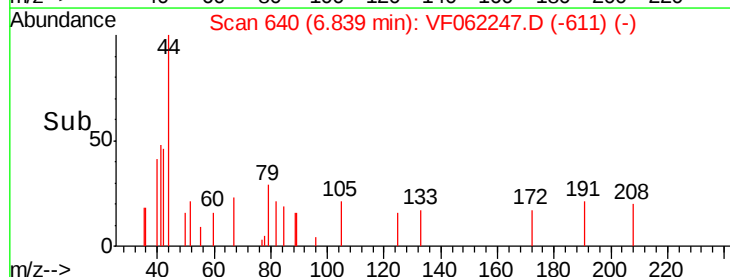
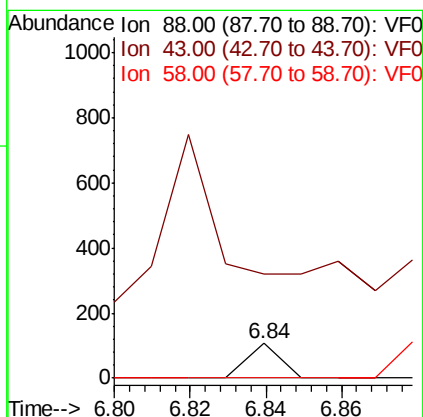
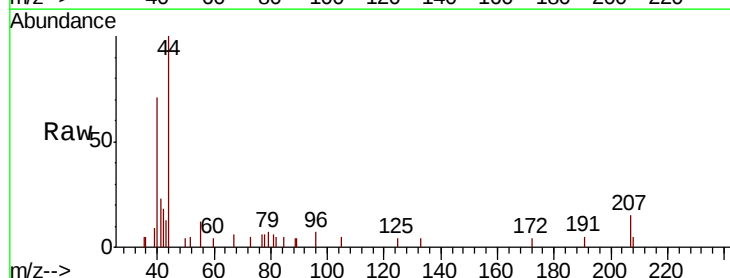
Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-70-71RE

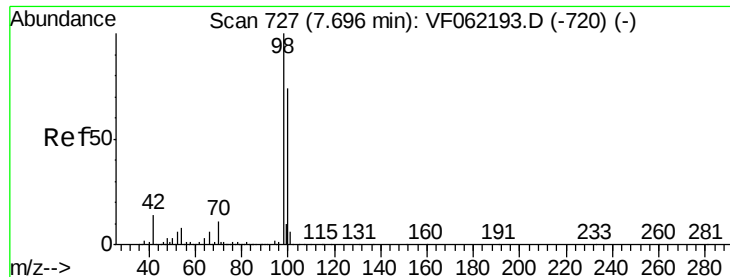
Tot Ion: 41 Resp: 486
Ion Ratio Lower Upper
41 100
69 43.0 54.9 82.3#
39 44.0 43.6 65.4



#49
1,4-Dioxane
Concen: 248.367 ug/l
RT: 6.84 min Scan# 640
Delta R.T. -0.02 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 925.4 36.9 55.3#
58 0.0 56.8 85.2#





#50

Toluene-d8

Concen: 248.367 ug/l

RT: 7.71 min Scan# 728

Delta R.T. 0.01 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

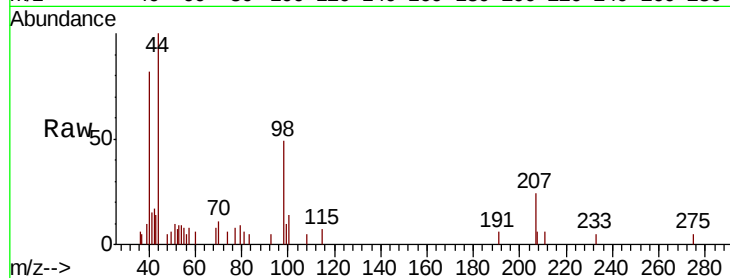
TP-TRACK-70-71RE

Tot Ion: 98 Resp: 3282

Ion Ratio Lower Upper

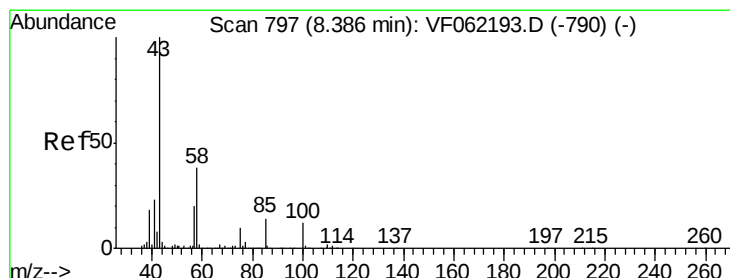
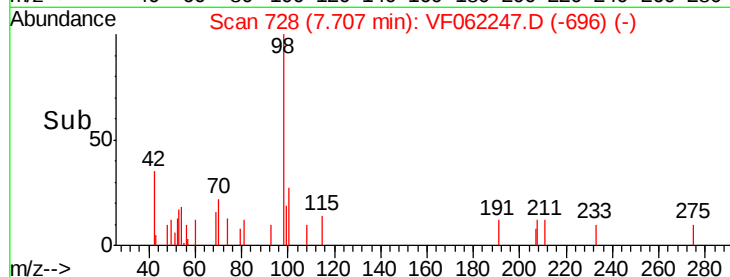
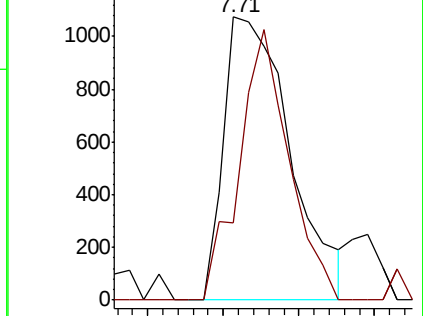
98 100

100 71.6 56.2 84.2



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: 15.540 ug/l

RT: 8.23 min Scan# 781

Delta R.T. -0.16 min

Lab File: VF062247.D

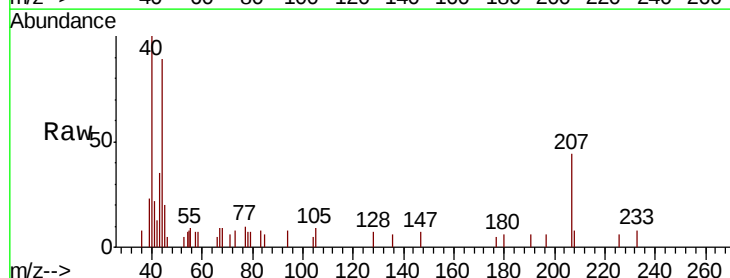
Acq: 22 Apr 2019 16:19

Tgt Ion: 43 Resp: 389

Ion Ratio Lower Upper

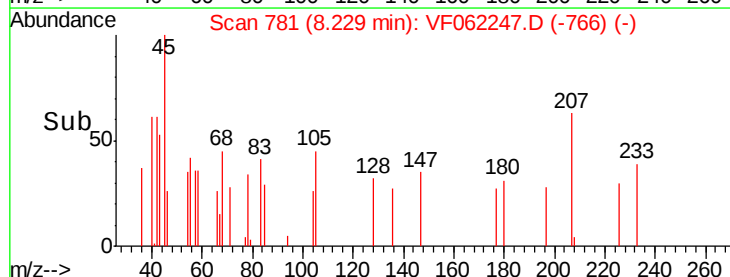
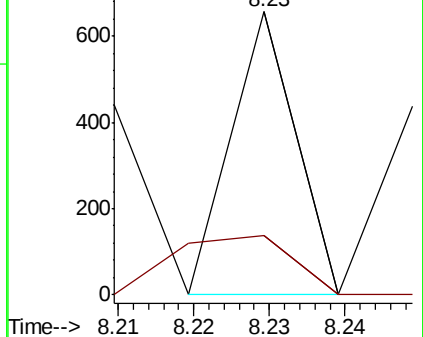
43 100

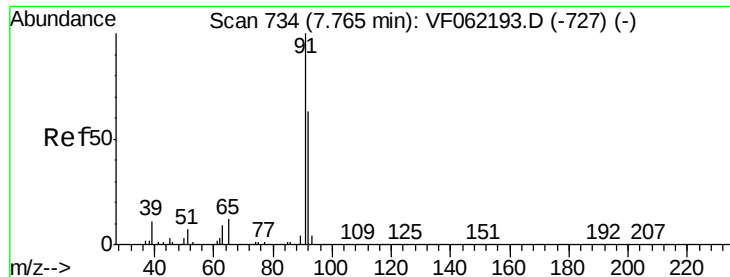
58 39.6 29.3 43.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0





#52

Toluene

Concen: 1.621 ug/l

RT: 7.79 min Scan# 736

Delta R.T. 0.02 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

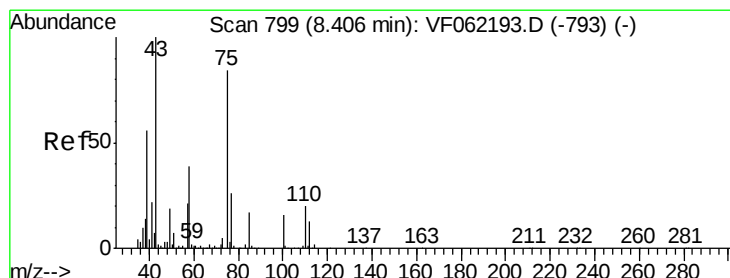
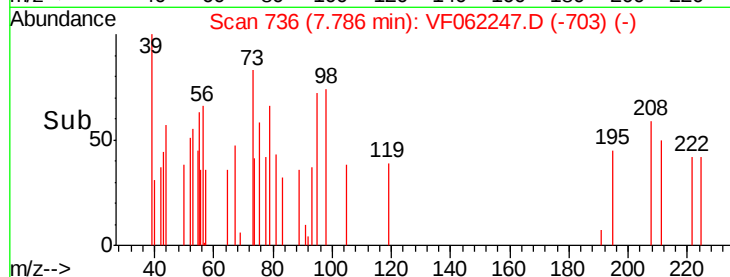
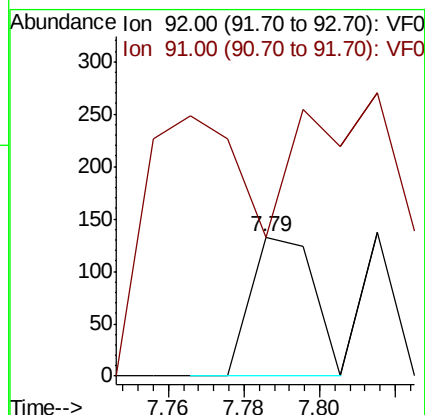
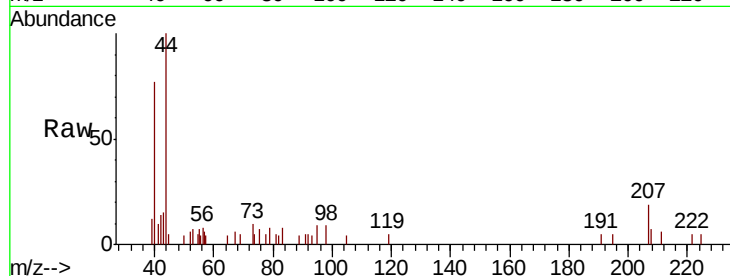
TP-TRACK-70-71RE

Tot Ion: 92 Resp: 152

Ion Ratio Lower Upper

92 100

91 323.7 130.1 195.1#



#53

t-1,3-Dichloropropene

Concen: 3.916 ug/l

RT: 8.49 min Scan# 807

Delta R.T. 0.08 min

Lab File: VF062247.D

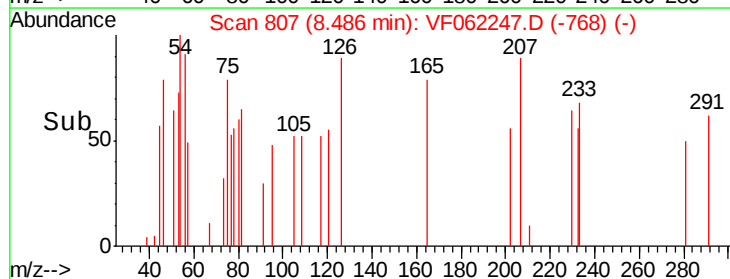
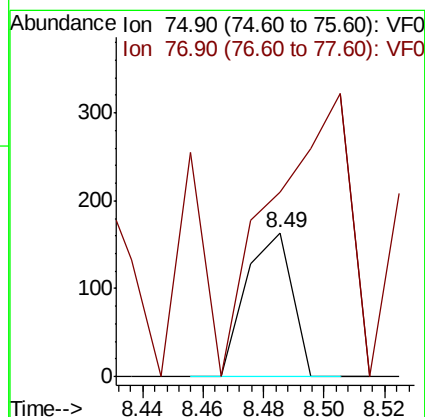
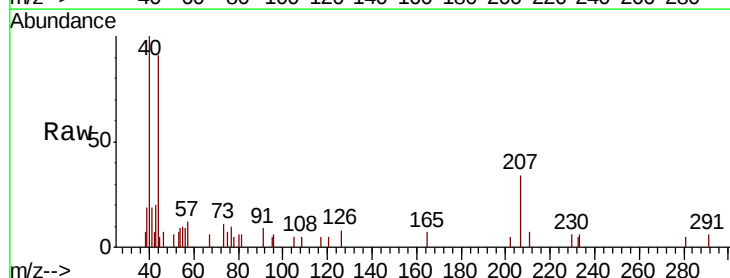
Acq: 22 Apr 2019 16:19

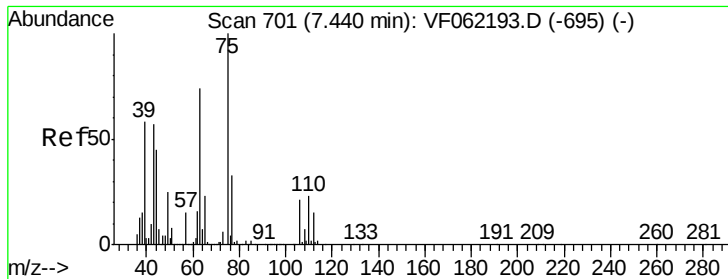
Tgt Ion: 75 Resp: 173

Ion Ratio Lower Upper

75 100

77 0.0 24.6 36.8#





#54

cis-1,3-Dichloropropene

Concen: 1.104 ug/l

RT: 7.50 min Scan# 707

Delta R.T. 0.06 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

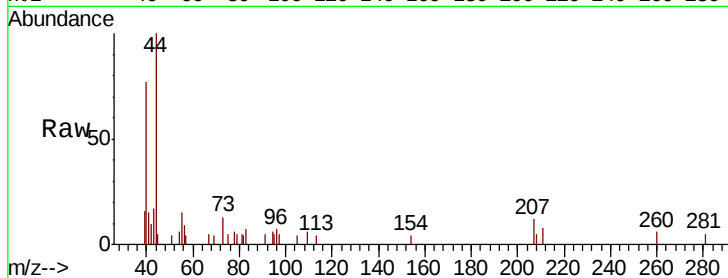
Tot Ion: 75 Resp: 66

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

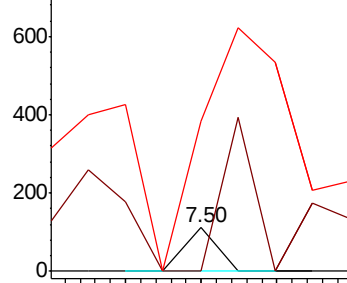
39 0.0 46.7 70.1#



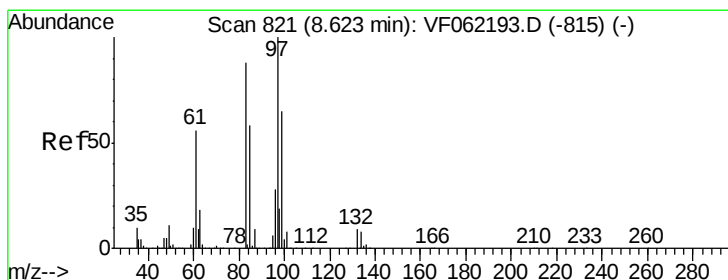
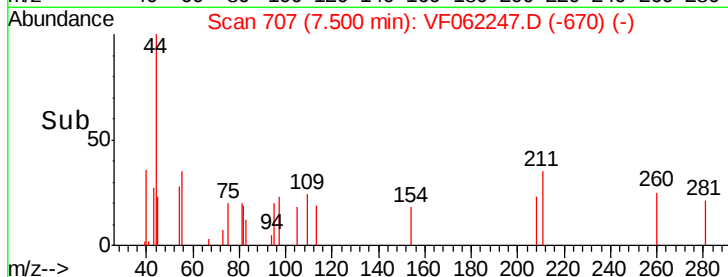
Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->



#55

1,1,2-Trichloroethane

Concen: 2.894 ug/l

RT: 8.66 min Scan# 825

Delta R.T. 0.04 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Tgt Ion: 97 Resp: 76

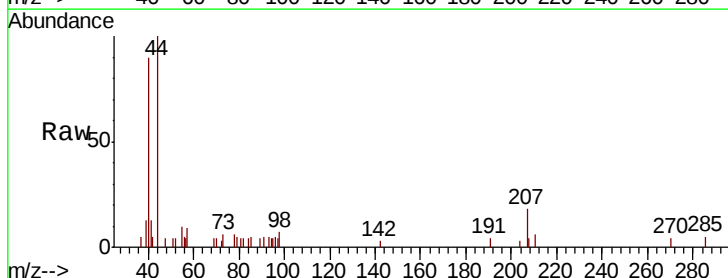
Ion Ratio Lower Upper

97 100

83 0.0 70.2 105.2#

85 109.4 46.2 69.4#

99 0.0 52.2 78.4#

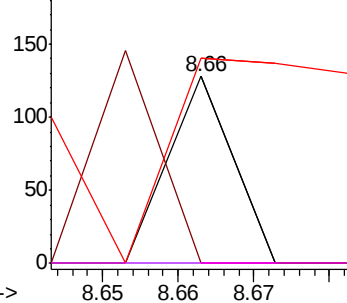


Abundance Ion 96.90 (96.60 to 97.60): VF0

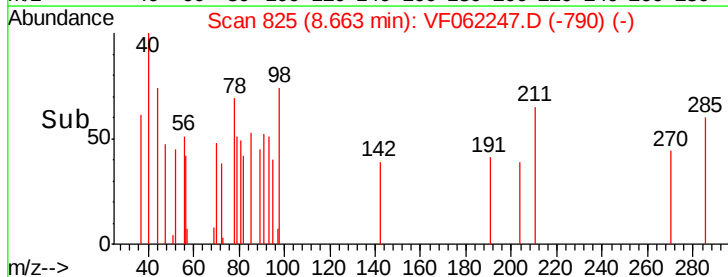
Ion 82.90 (82.60 to 83.60): VF0

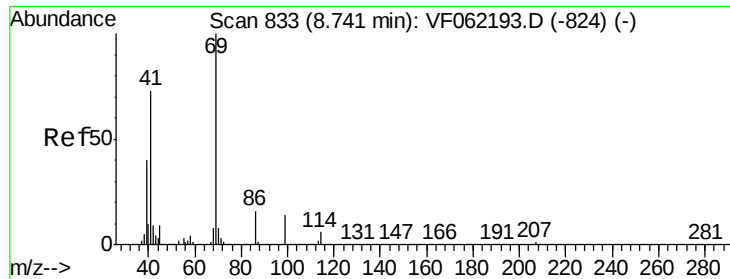
Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



Time-->





#56

Ethyl methacrylate

Concen: 7.434 ug/l

RT: 8.76 min Scan# 835

Delta R.T. 0.02 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

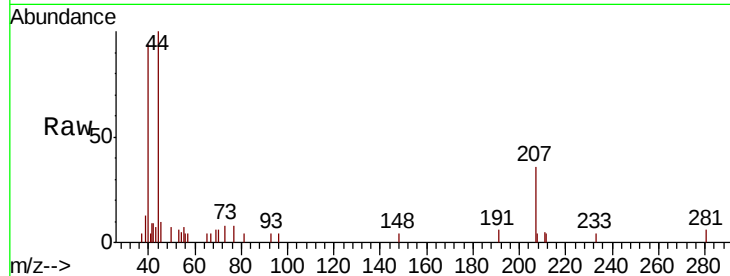
Tot Ion: 69 Resp: 222

Ion Ratio Lower Upper

69 100

41 50.0 61.5 92.3#

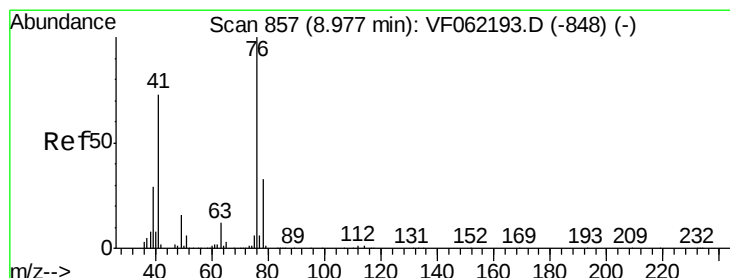
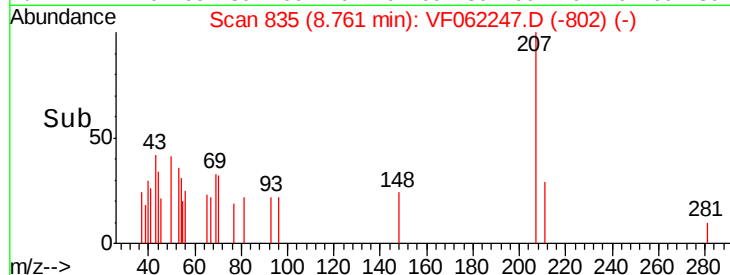
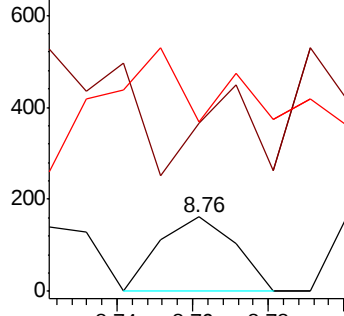
39 1048.2 33.3 49.9#



Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0



#57

1,3-Dichloropropane

Concen: 1.721 ug/l

RT: 9.00 min Scan# 859

Delta R.T. 0.02 min

Lab File: VF062247.D

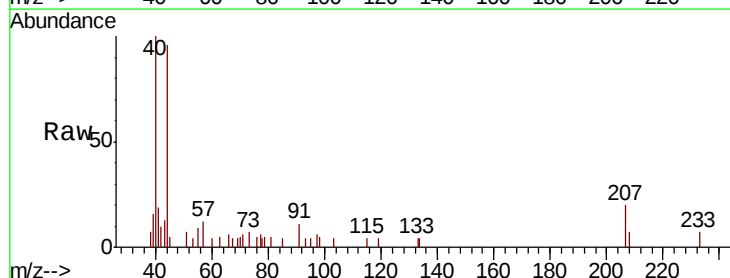
Acq: 22 Apr 2019 16:19

Tgt Ion: 76 Resp: 73

Ion Ratio Lower Upper

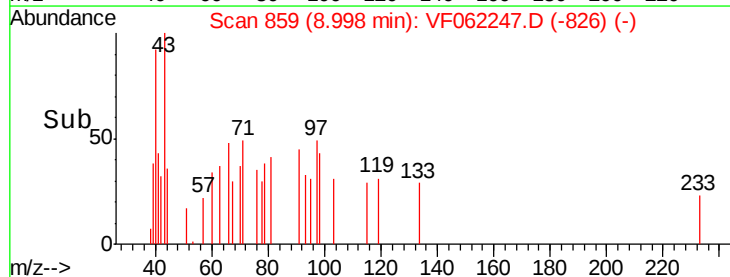
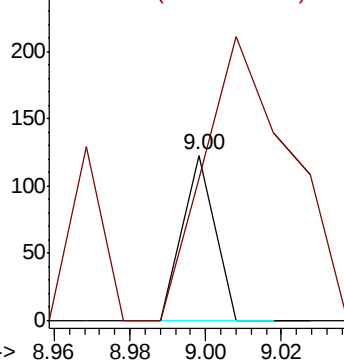
76 100

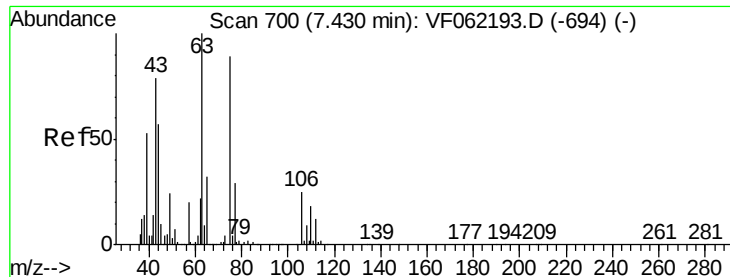
78 457.5 26.5 39.7#



Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0

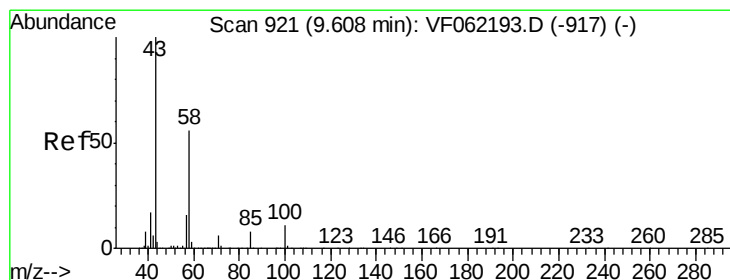
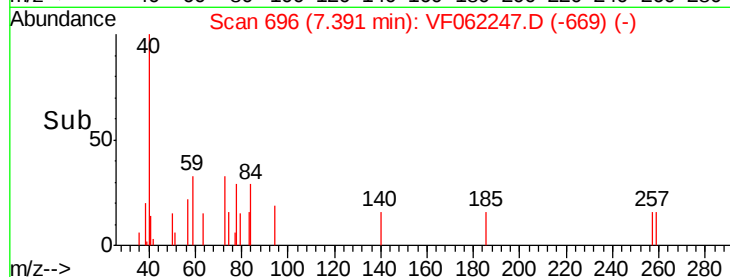
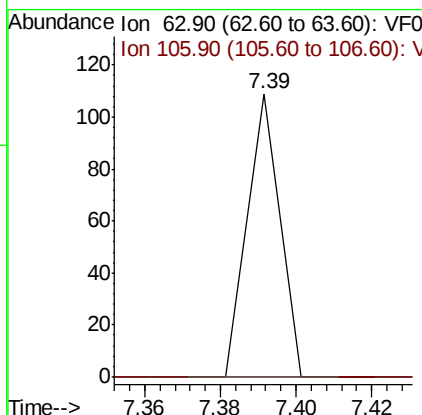
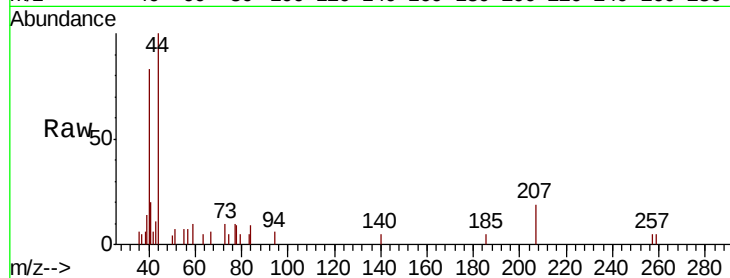




#58
 2-Chloroethyl Vinyl ether
 Concen: 7.382 ug/l
 RT: 7.39 min Scan# 696
 Delta R.T. -0.04 min
 Lab File: VF062247.D
 Acq: 22 Apr 2019 16:19

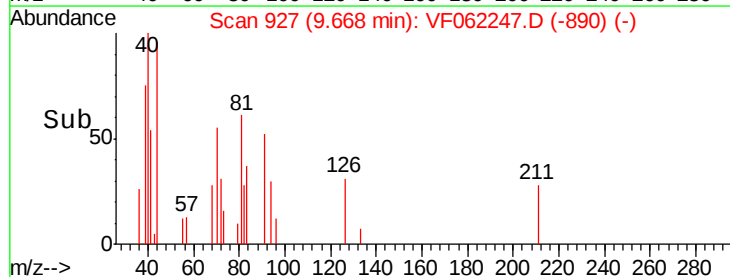
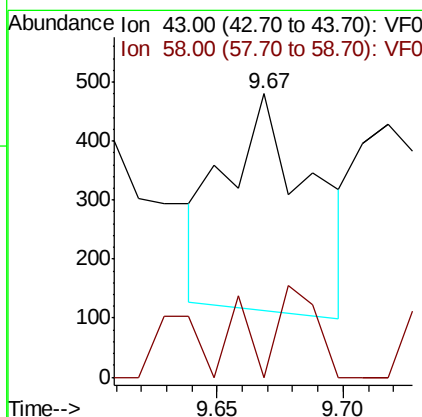
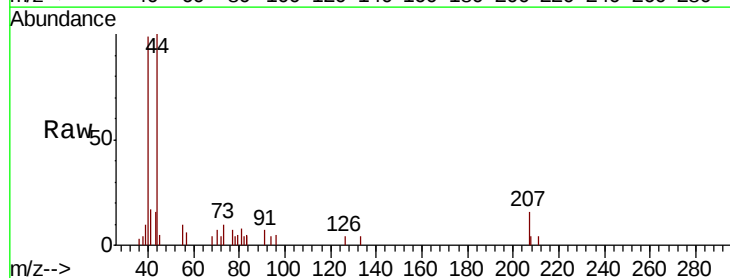
Instrument :
 MSVOA_F
 ClientSampleId :
 TP-TRACK-70-71RE

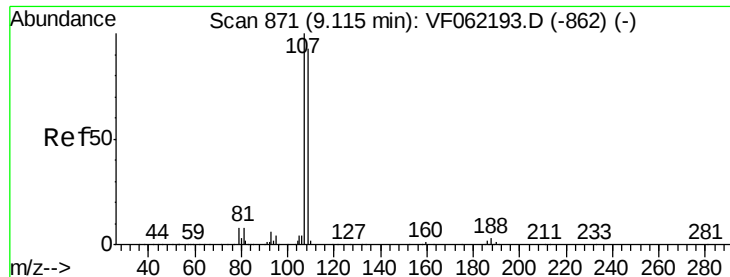
Tot Ion: 63 Resp: 64
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.4 32.0#



#59
 2-Hexanone
 Concen: 55.391 ug/l
 RT: 9.67 min Scan# 927
 Delta R.T. 0.06 min
 Lab File: VF062247.D
 Acq: 22 Apr 2019 16:19

Tgt Ion: 43 Resp: 863
 Ion Ratio Lower Upper
 43 100
 58 28.4 24.6 74.0





#61

1,2-Dibromoethane

Concen: 2.230 ug/l

RT: 9.09 min Scan# 868

Delta R.T. -0.03 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

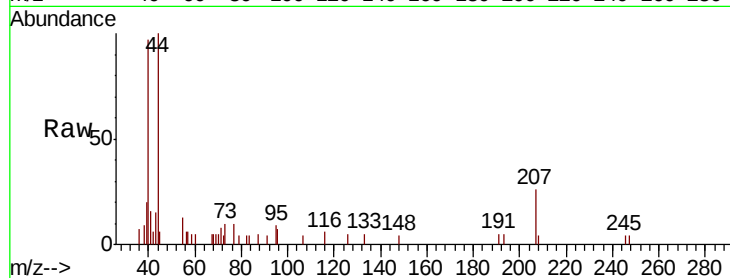
TP-TRACK-70-71RE

Tot Ion: 107 Resp: 66

Ion Ratio Lower Upper

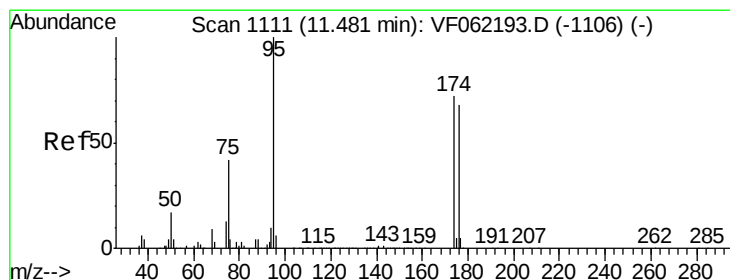
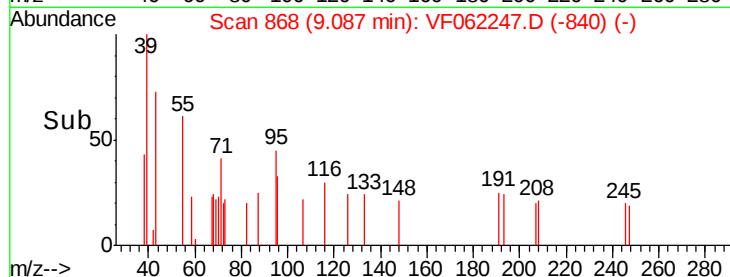
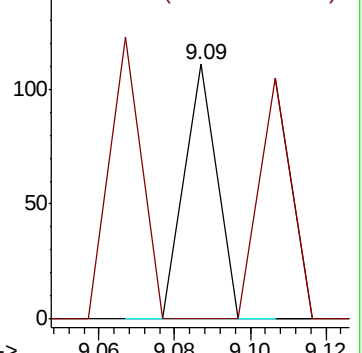
107 100

109 110.6 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 2.230 ug/l

RT: 11.52 min Scan# 1115

Delta R.T. 0.04 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

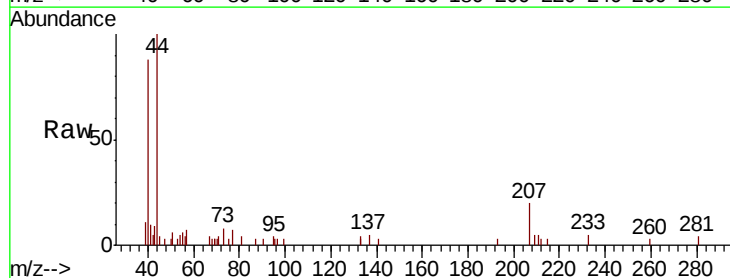
Tgt Ion: 95 Resp: 170

Ion Ratio Lower Upper

95 100

174 0.0 0.0 159.4

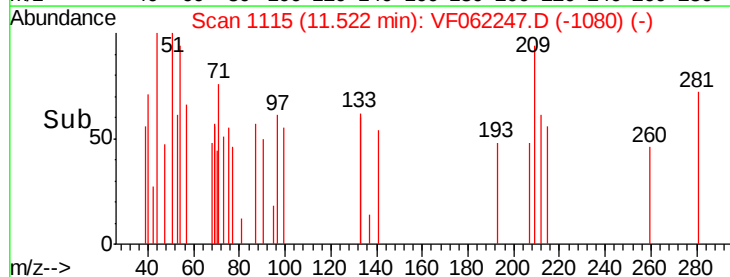
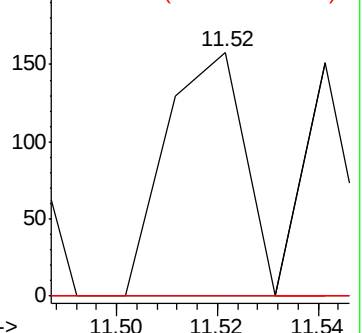
176 0.0 0.0 155.4

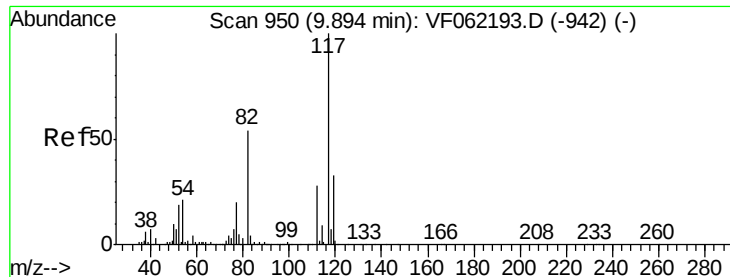


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

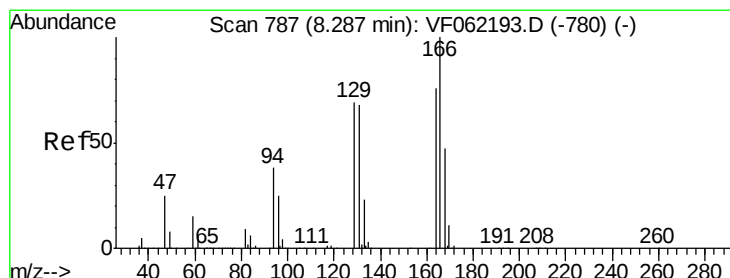
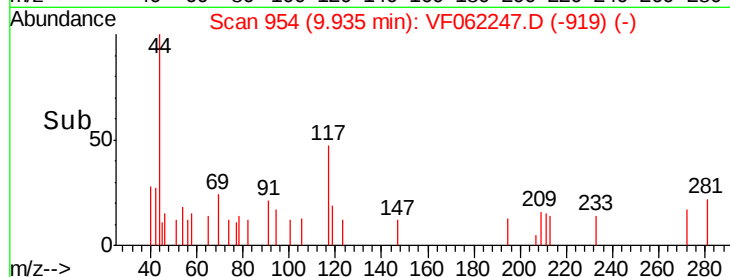
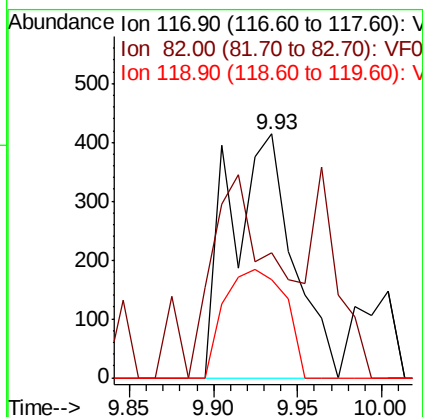
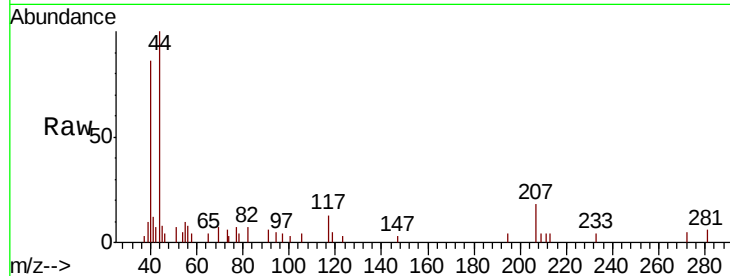




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.93 min Scan# 954
Delta R.T. 0.04 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

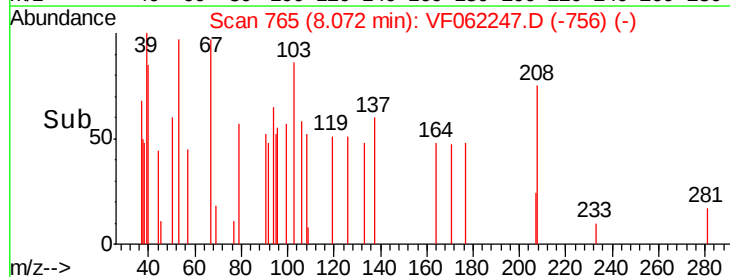
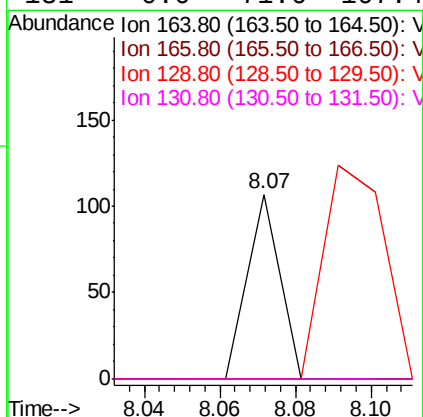
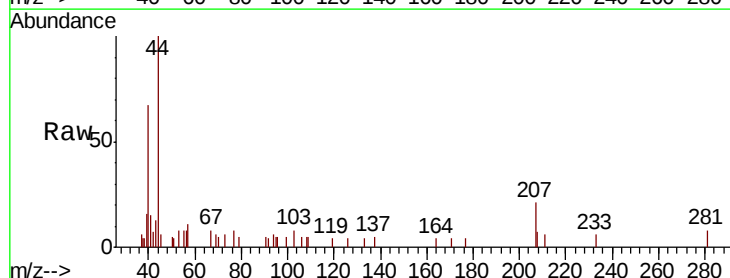
Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-70-71RE

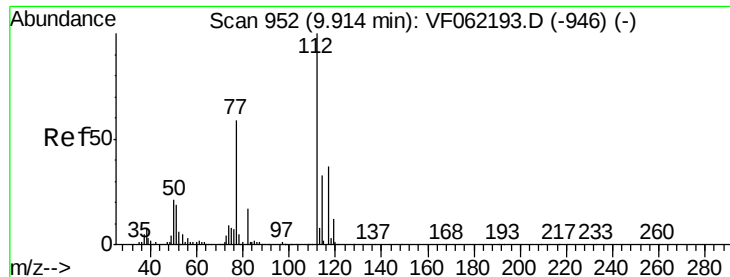
Tot Ion:117 Resp: 1081
Ion Ratio Lower Upper
117 100
82 51.4 43.2 64.8
119 40.3 26.2 39.4#



#64
Tetrachloroethene
Concen: 6.456 ug/l
RT: 8.07 min Scan# 765
Delta R.T. -0.22 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

Tgt Ion:164 Resp: 63
Ion Ratio Lower Upper
164 100
166 0.0 104.7 157.1#
129 0.0 72.6 109.0#
131 0.0 71.6 107.4#

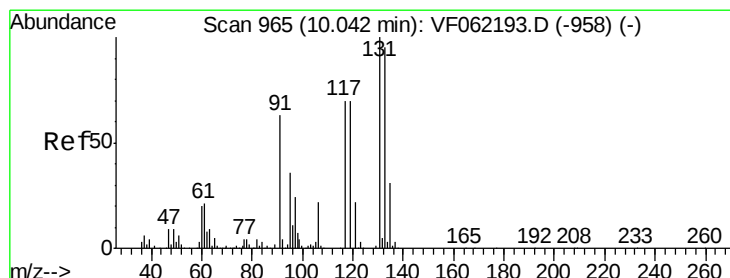
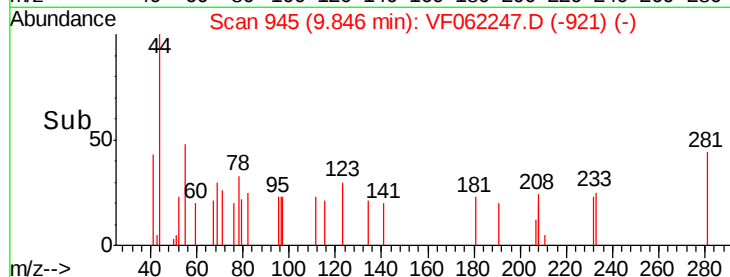
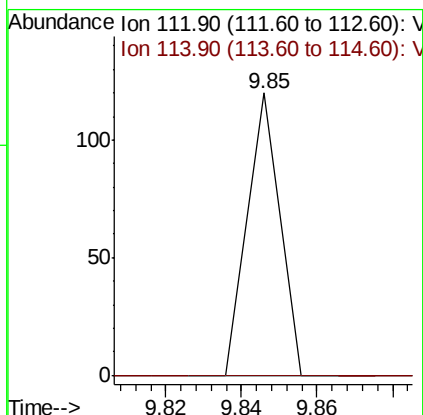
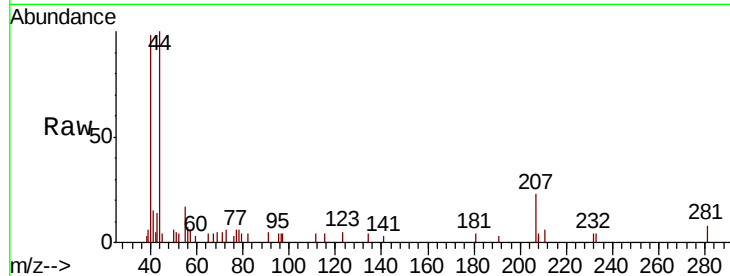




#65
Chlorobenzene
Concen: 3.080 ug/l
RT: 9.85 min Scan# 945
Delta R.T. -0.07 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

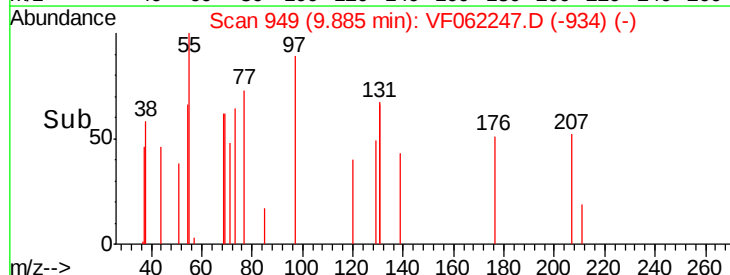
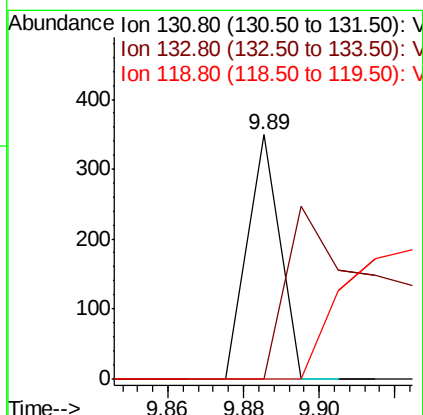
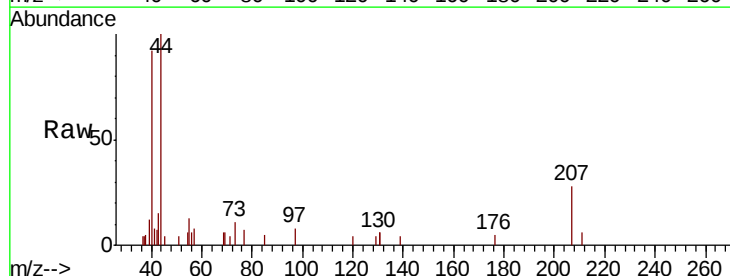
Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-70-71RE

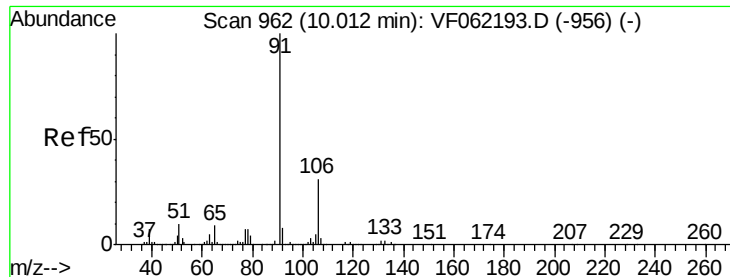
Tot Ion:112 Resp: 71
Ion Ratio Lower Upper
112 100
114 0.0 26.1 39.1#



#66
1,1,1,2-Tetrachloroethane
Concen: 19.084 ug/l
RT: 9.89 min Scan# 949
Delta R.T. -0.16 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

Tgt Ion:131 Resp: 206
Ion Ratio Lower Upper
131 100
133 195.6 47.7 143.1#
119 0.0 34.6 103.9#

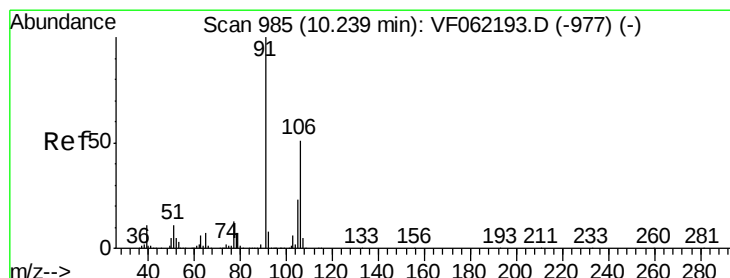
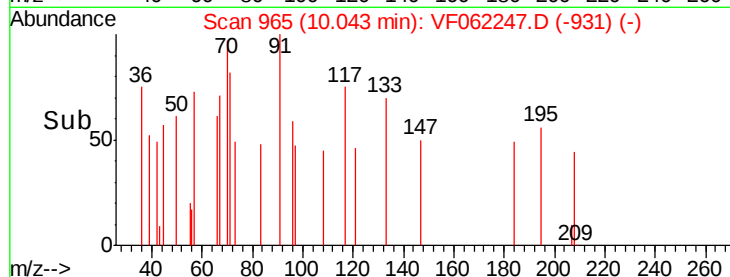
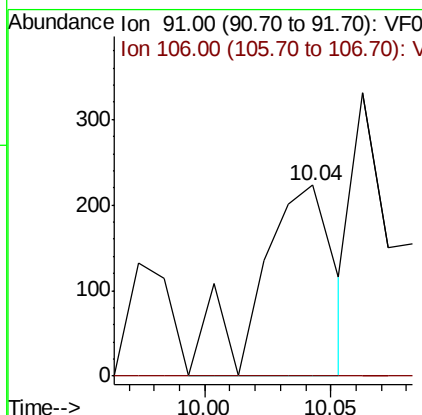
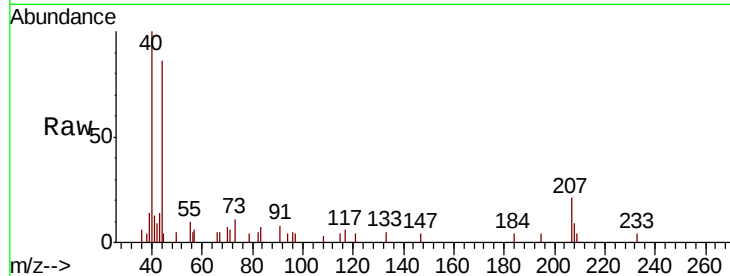




#67
Ethyl Benzene
Concen: 11.046 ug/l
RT: 10.04 min Scan# 965
Delta R.T. 0.03 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

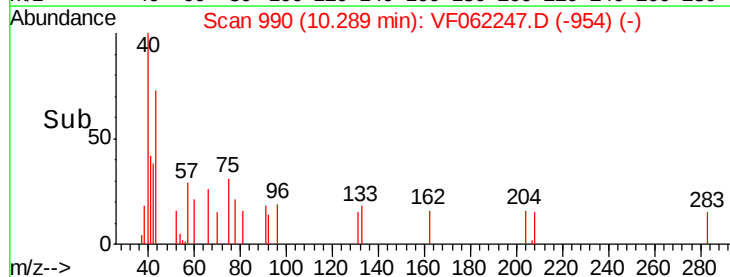
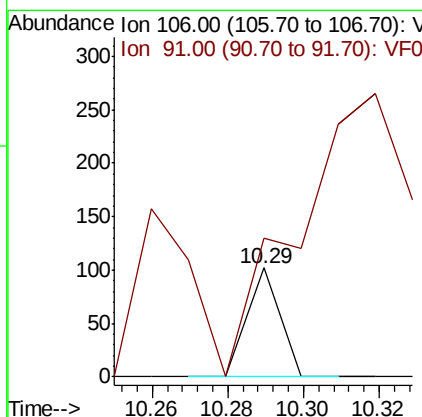
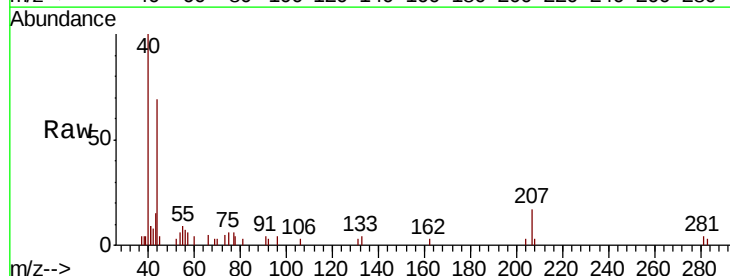
Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-70-71RE

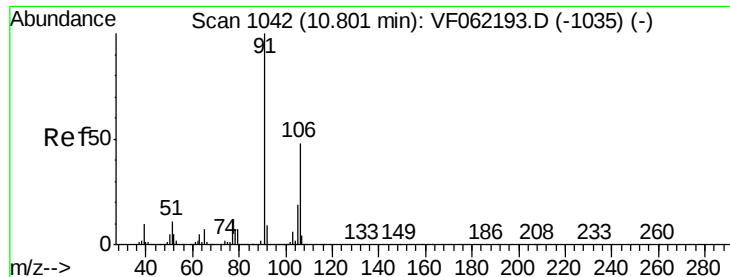
Tot Ion: 91 Resp: 463
Ion Ratio Lower Upper
91 100
106 0.0 24.9 37.3#



#68
m/p-Xylenes
Concen: 3.889 ug/l
RT: 10.29 min Scan# 990
Delta R.T. 0.05 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

Tgt Ion: 106 Resp: 60
Ion Ratio Lower Upper
106 100
91 0.0 159.1 238.7#

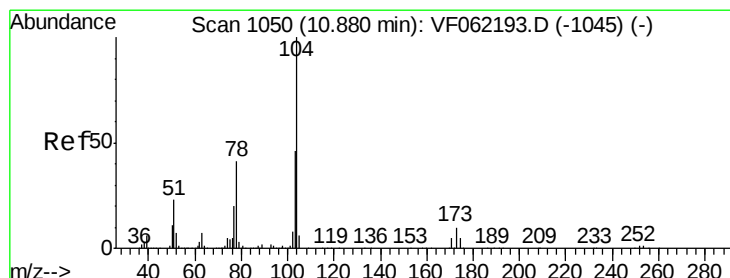
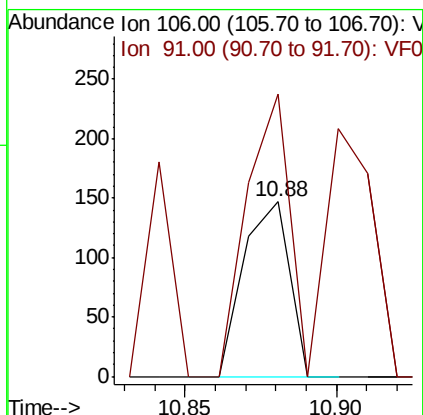
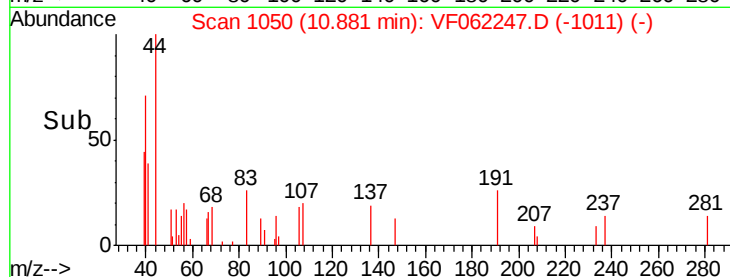
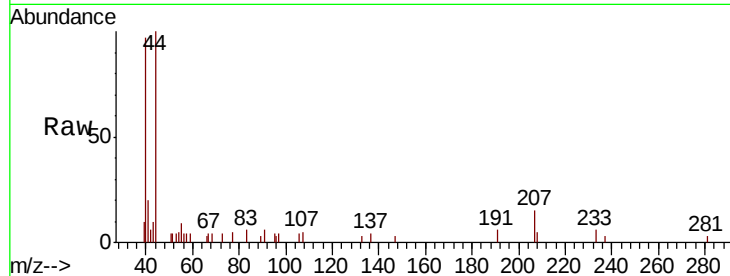




#69
o-Xylene
Concen: 9.165 ug/l
RT: 10.88 min Scan# 1050
Delta R.T. 0.08 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

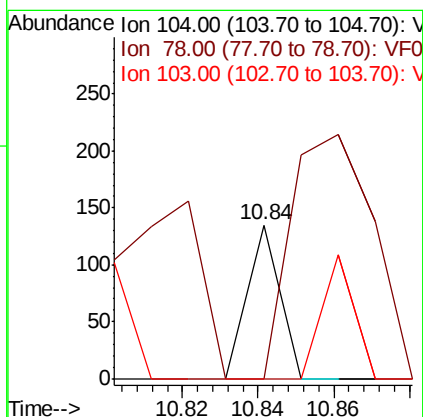
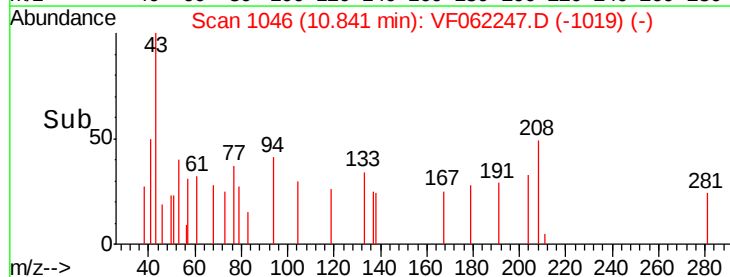
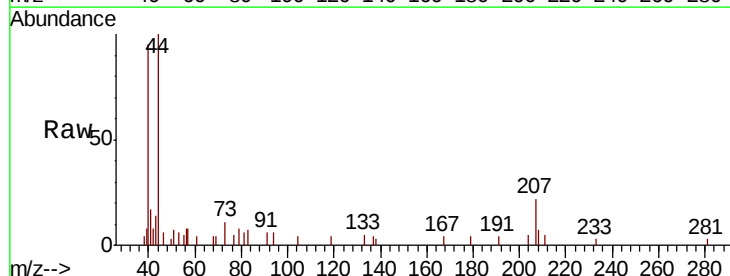
Instrument :
MSVOA_F
ClientSampleId :
TP-TRACK-70-71RE

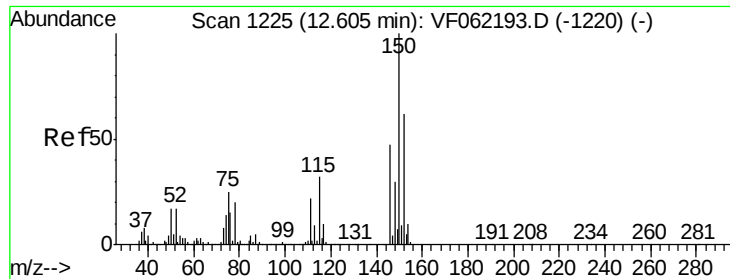
Tot Ion:106 Resp: 157
Ion Ratio Lower Upper
106 100
91 151.0 107.5 322.4



#70
Styrene
Concen: 3.309 ug/l
RT: 10.84 min Scan# 1046
Delta R.T. -0.04 min
Lab File: VF062247.D
Acq: 22 Apr 2019 16:19

Tgt Ion:104 Resp: 80
Ion Ratio Lower Upper
104 100
78 406.3 34.5 51.7#
103 80.0 37.2 55.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.65 min Scan# 1229

Delta R.T. 0.04 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

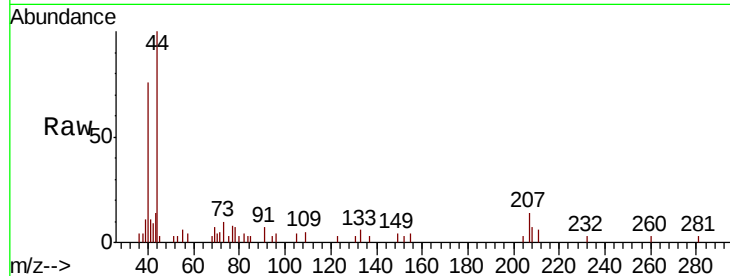
Tot Ion:152 Resp: 67

Ion Ratio Lower Upper

152 100

115 0.0 27.8 83.3#

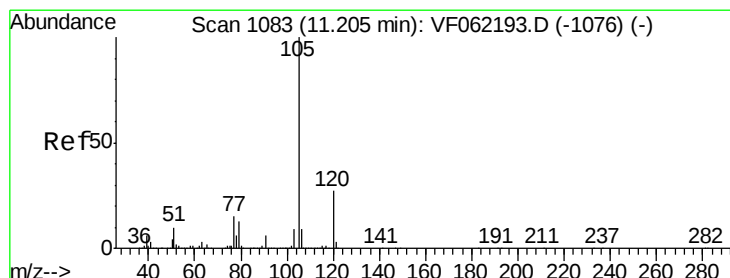
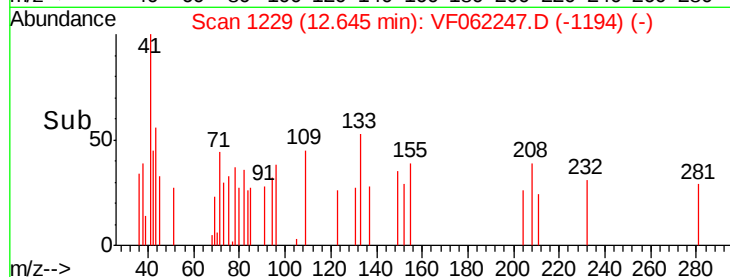
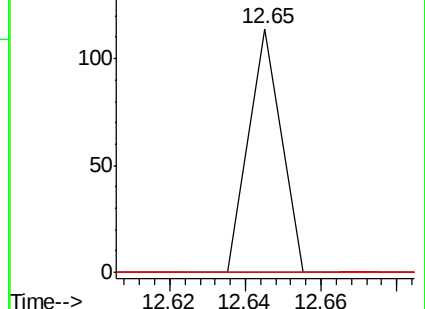
150 0.0 0.0 341.8



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



#73

Isopropylbenzene

Concen: 12.163 ug/l

RT: 11.22 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VF062247.D

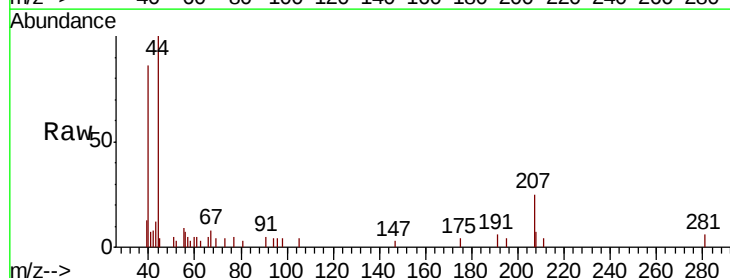
Acq: 22 Apr 2019 16:19

Tgt Ion:105 Resp: 70

Ion Ratio Lower Upper

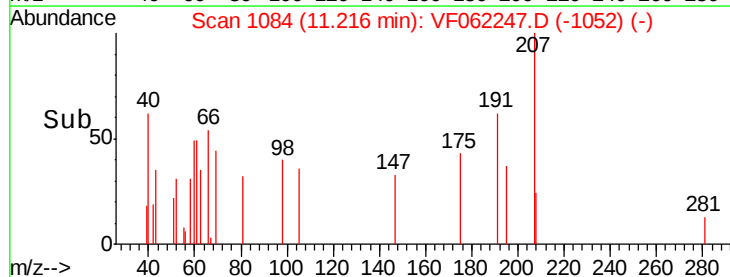
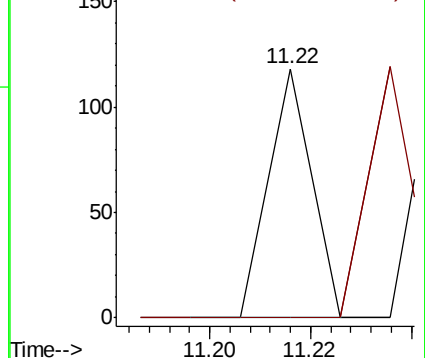
105 100

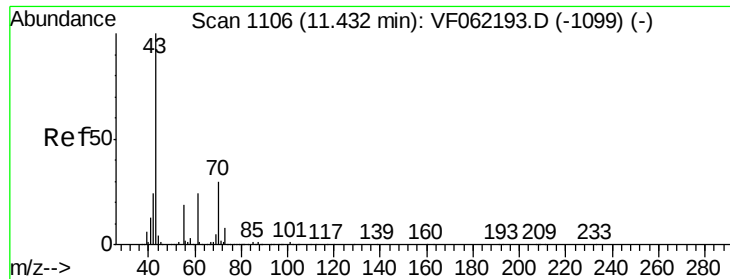
120 0.0 13.0 38.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 642.645 ug/l

RT: 11.40 min Scan# 1103

Delta R.T. -0.03 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

Tot Ion: 43 Resp: 842

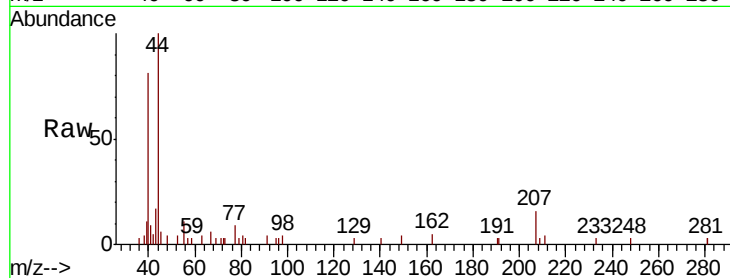
Ion Ratio Lower Upper

43 100

70 19.4 27.0 40.4#

55 0.0 15.7 23.5#

61 0.0 20.8 31.2#

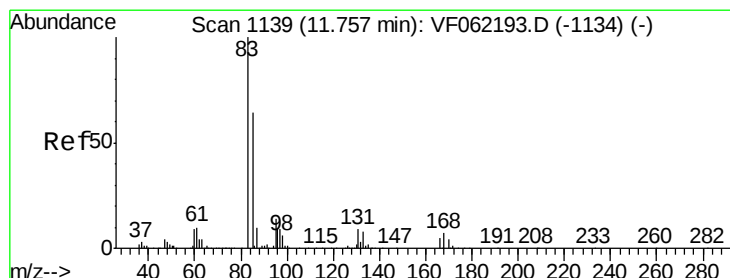
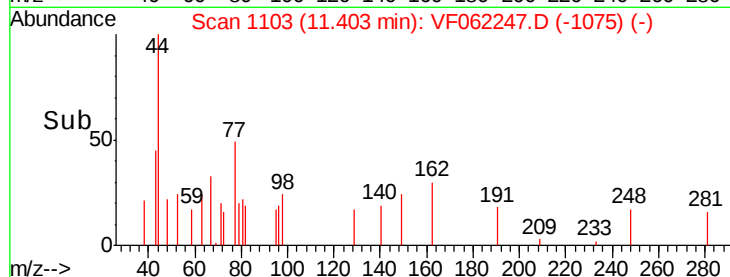
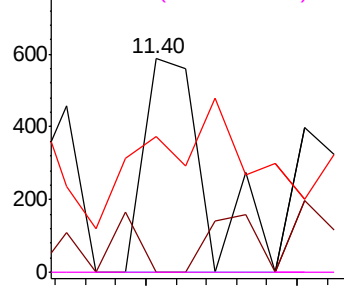


Abundance Ion 43.00 (42.70 to 43.70): VF0

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



#75

1,1,2,2-Tetrachloroethane

Concen: 133.363 ug/l

RT: 11.73 min Scan# 1136

Delta R.T. -0.03 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

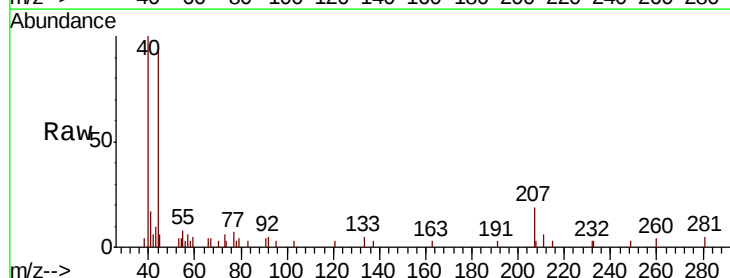
Tgt Ion: 83 Resp: 132

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.5#

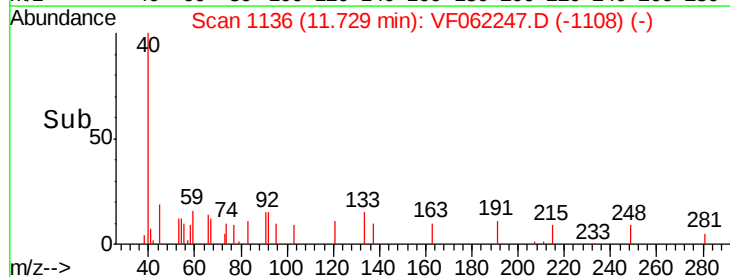
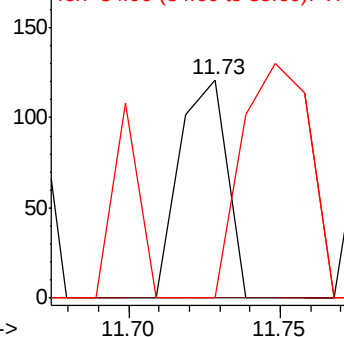
85 155.3 34.7 104.1#

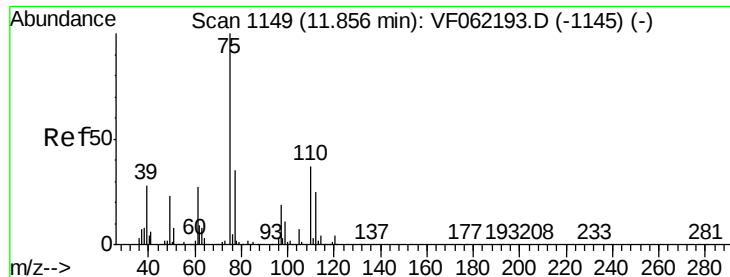


Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0





#76

1,2,3-Trichloropropane

Concen: 264.328 ug/l

RT: 11.86 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

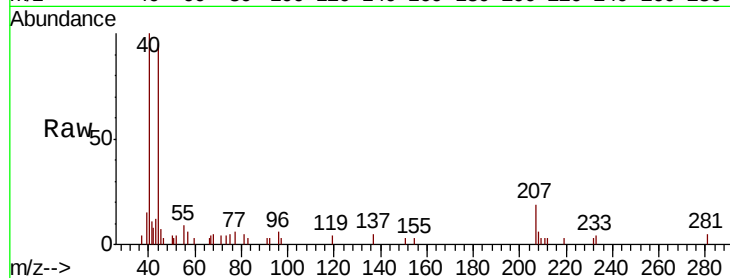
TP-TRACK-70-71RE

Tot Ion: 75 Resp: 180

Ion Ratio Lower Upper

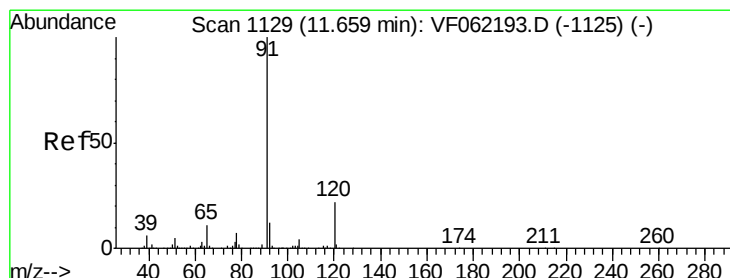
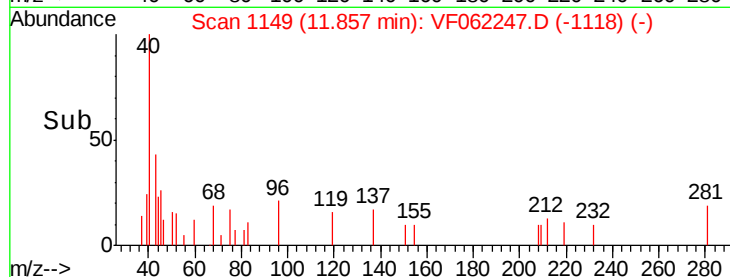
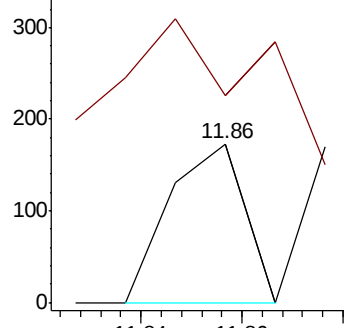
75 100

77 348.3 7.4 22.2#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0



#78

n-propylbenzene

Concen: 34.259 ug/l

RT: 11.65 min Scan# 1128

Delta R.T. -0.01 min

Lab File: VF062247.D

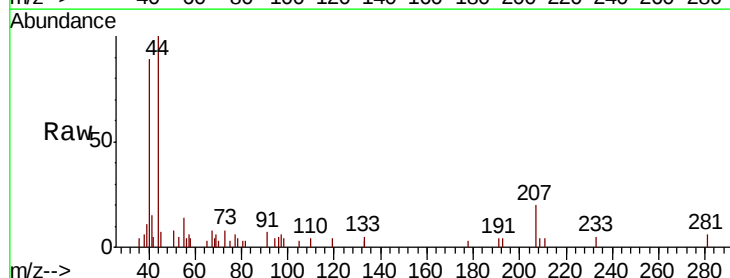
Acq: 22 Apr 2019 16:19

Tgt Ion: 91 Resp: 208

Ion Ratio Lower Upper

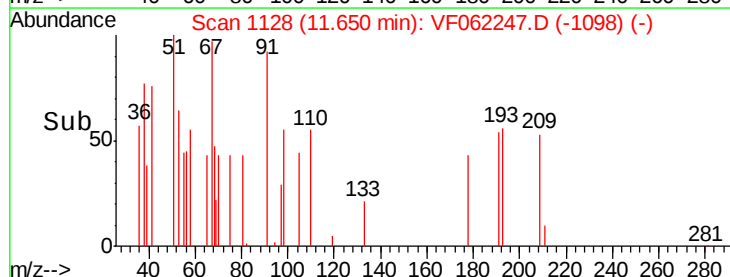
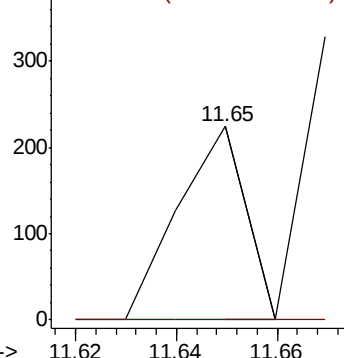
91 100

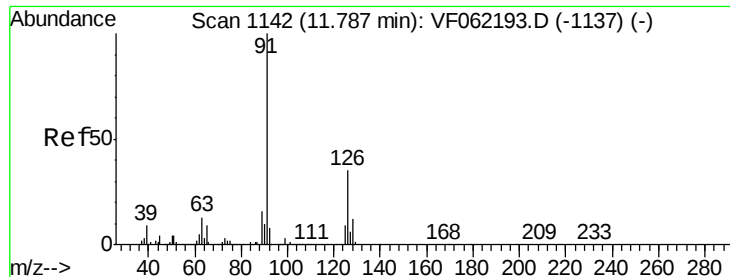
120 0.0 11.2 33.6#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 69.511 ug/l

RT: 11.73 min Scan# 1136

Delta R.T. -0.06 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

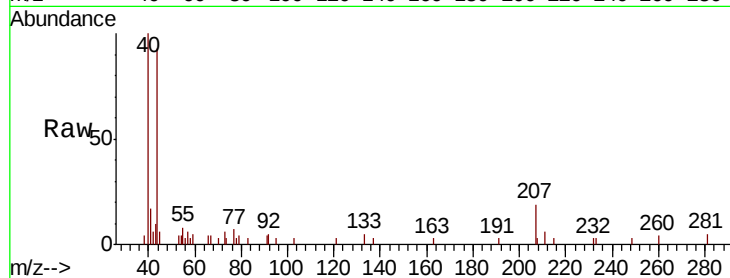
TP-TRACK-70-71RE

Tot Ion: 91 Resp: 256

Ion Ratio Lower Upper

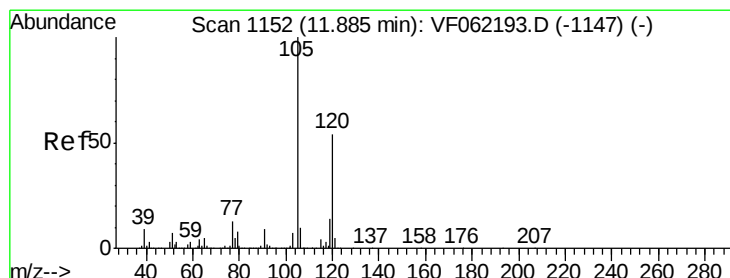
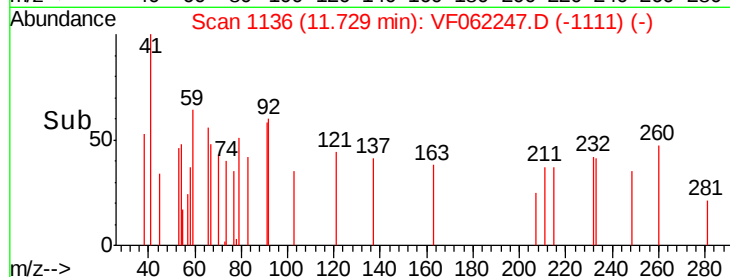
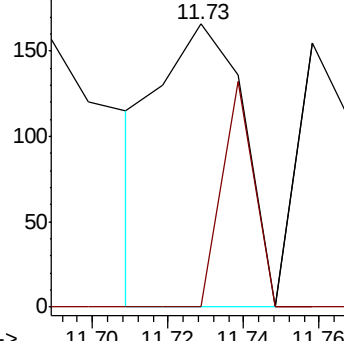
91 100

126 30.5 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 25.868 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. 0.00 min

Lab File: VF062247.D

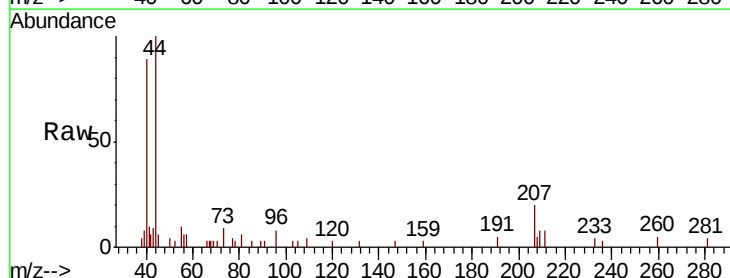
Acq: 22 Apr 2019 16:19

Tgt Ion:105 Resp: 124

Ion Ratio Lower Upper

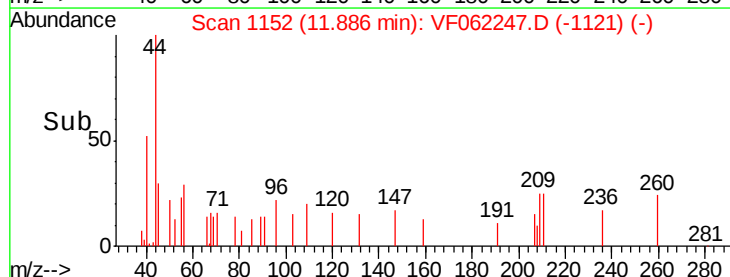
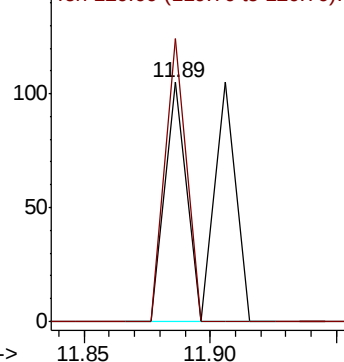
105 100

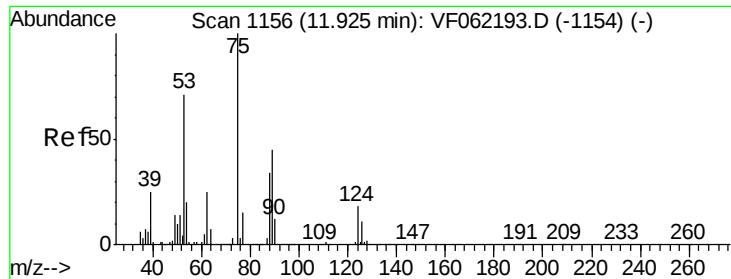
120 58.9 26.2 78.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 270.663 ug/l

RT: 11.94 min Scan# 1157

Delta R.T. 0.01 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

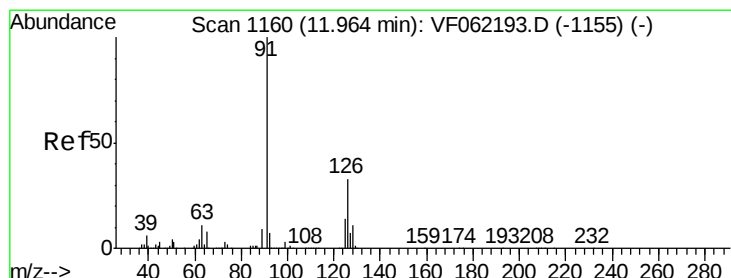
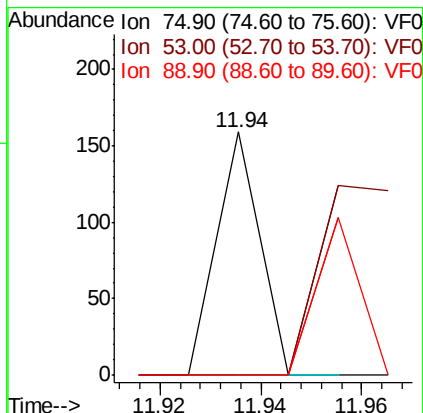
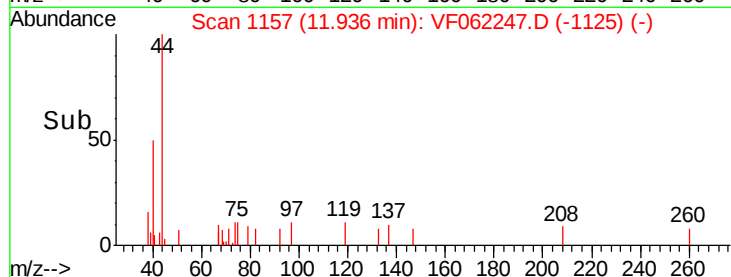
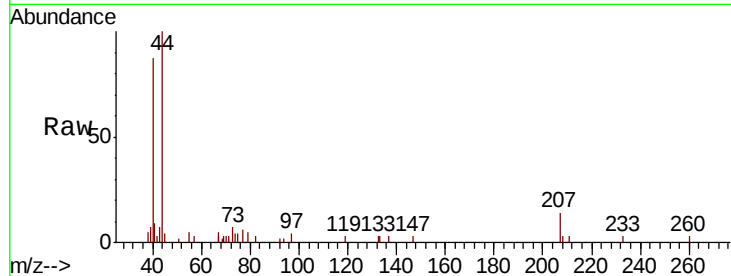
Tot Ion: 75 Resp: 94

Ion Ratio Lower Upper

75 100

53 231.9 50.2 75.4#

89 64.9 0.0 0.0#



#82

4-Chlorotoluene

Concen: 71.926 ug/l

RT: 11.73 min Scan# 1136

Delta R.T. -0.24 min

Lab File: VF062247.D

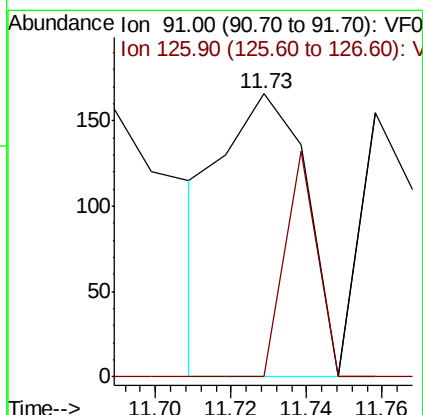
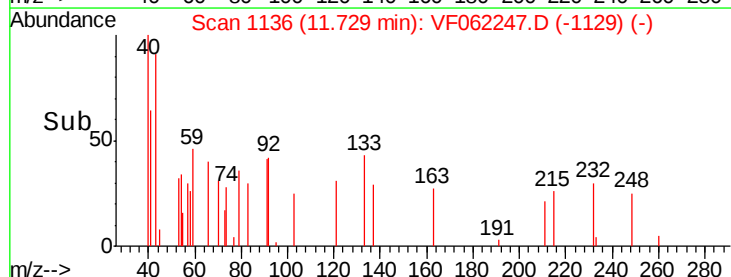
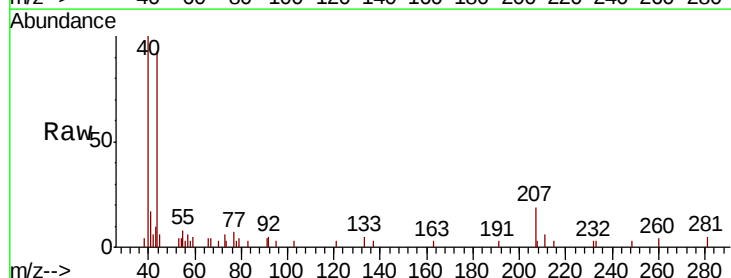
Acq: 22 Apr 2019 16:19

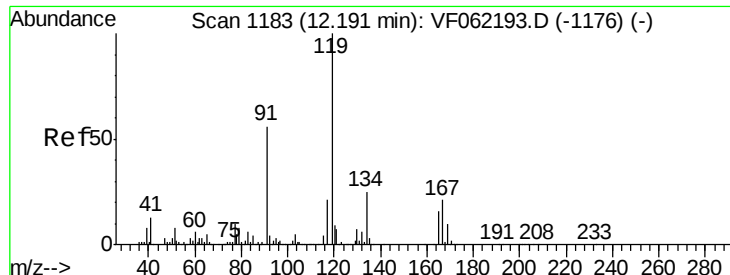
Tgt Ion: 91 Resp: 256

Ion Ratio Lower Upper

91 100

126 30.5 16.9 50.6





#83

tert-Butylbenzene

Concen: 41.153 ug/l

RT: 12.22 min Scan# 1186

Delta R.T. 0.03 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

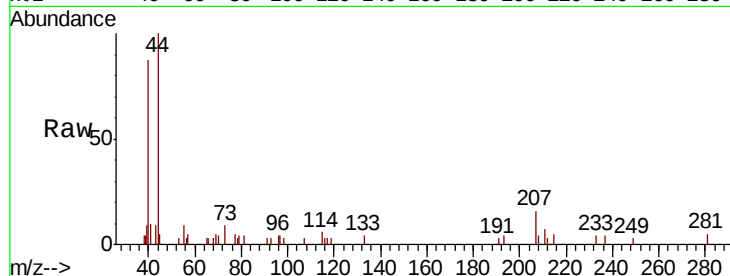
Tot Ion:119 Resp: 204

Ion Ratio Lower Upper

119 100

91 162.3 29.4 88.2#

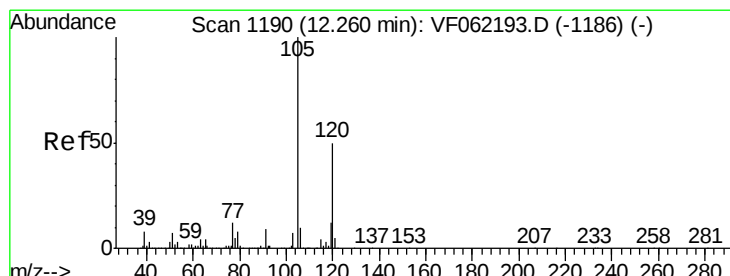
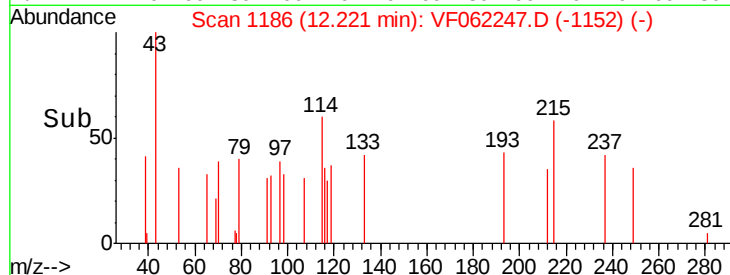
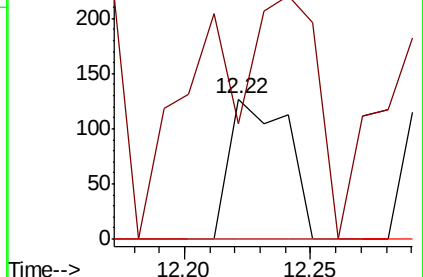
134 0.0 11.8 35.3#



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: 36.002 ug/l

RT: 12.39 min Scan# 1203

Delta R.T. 0.13 min

Lab File: VF062247.D

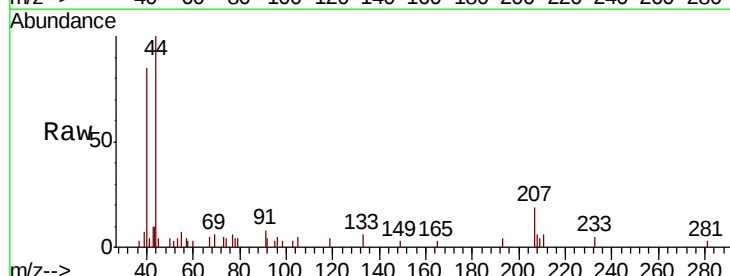
Acq: 22 Apr 2019 16:19

Tgt Ion:105 Resp: 167

Ion Ratio Lower Upper

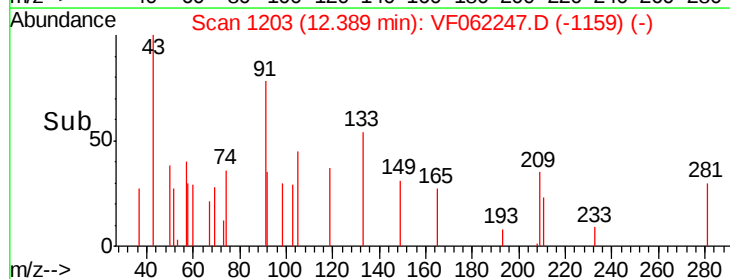
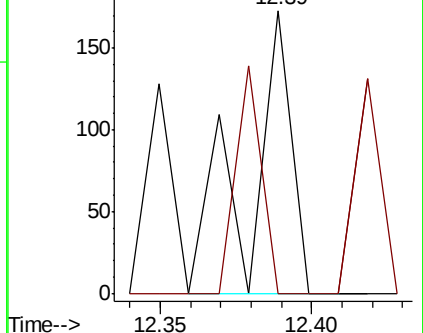
105 100

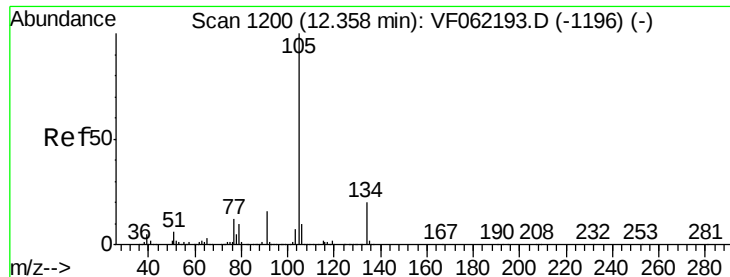
120 49.1 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 11.809 ug/l

RT: 12.35 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

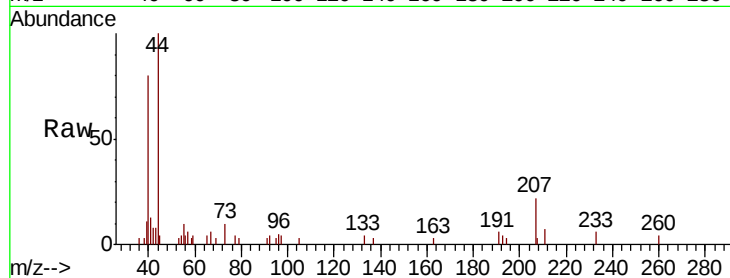
TP-TRACK-70-71RE

Tot Ion:105 Resp: 76

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

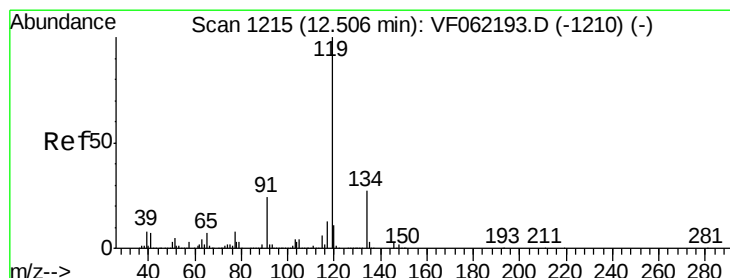
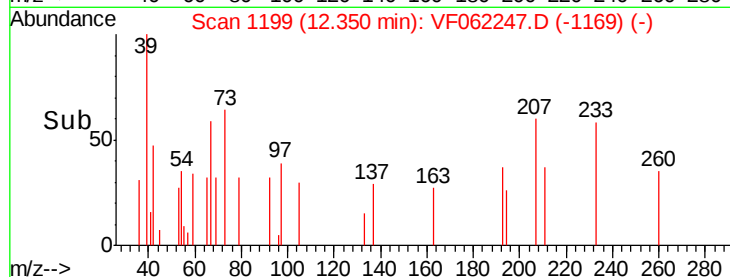
12.35

100

50

0

Time--> 12.33 12.34 12.35 12.36



#86

p-Isopropyltoluene

Concen: 13.372 ug/l

RT: 12.46 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

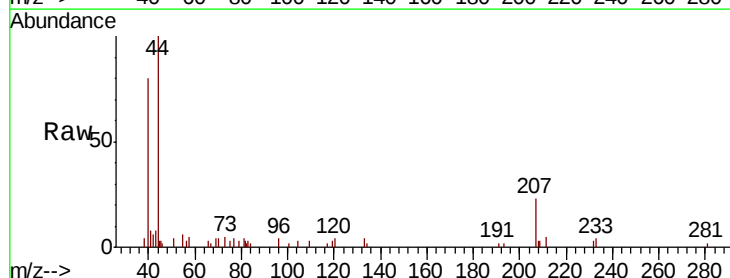
Tgt Ion:119 Resp: 73

Ion Ratio Lower Upper

119 100

134 86.3 13.2 39.5#

91 116.4 11.7 35.1#



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

300

250

200

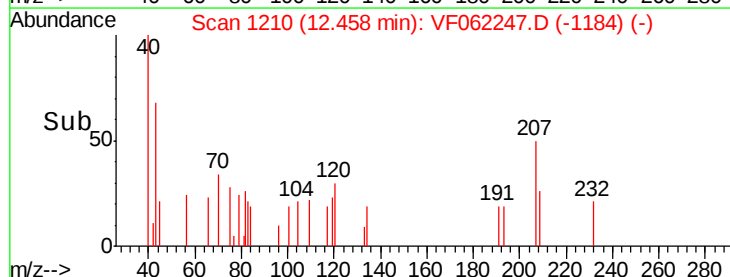
150

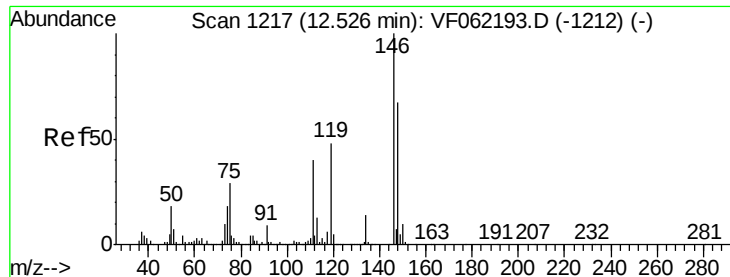
100

50

0

Time--> 12.42 12.44 12.46 12.48





#87

1,3-Dichlorobenzene

Concen: 32.344 ug/l

RT: 12.45 min Scan# 1209

Delta R.T. -0.08 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

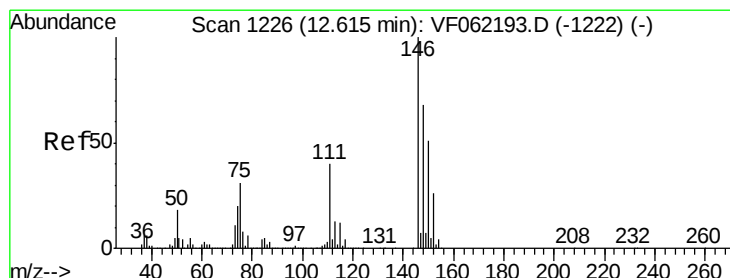
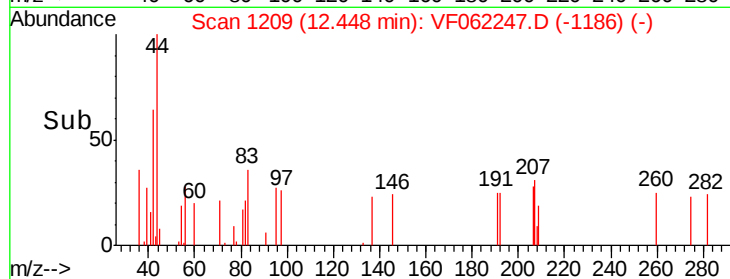
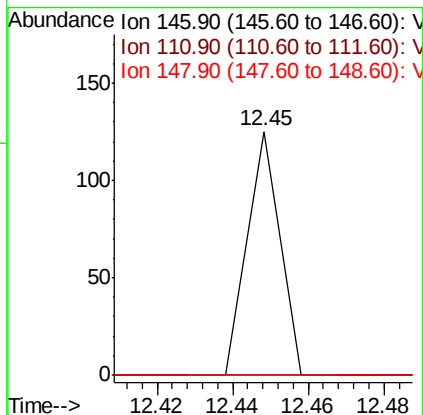
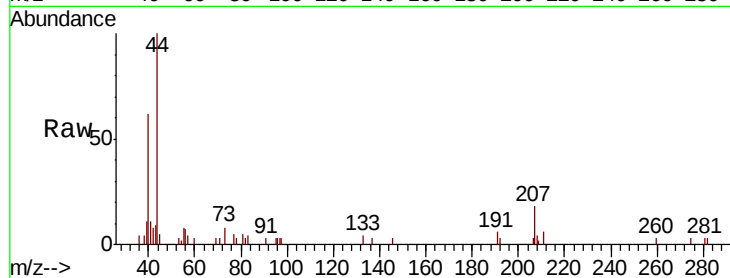
Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

Tot Ion:146	Resp:	74
Ion	Ratio	Lower Upper
146	100	
111	0.0	19.7 59.0#
148	0.0	32.9 98.6#



#88

1,4-Dichlorobenzene

Concen: 58.909 ug/l

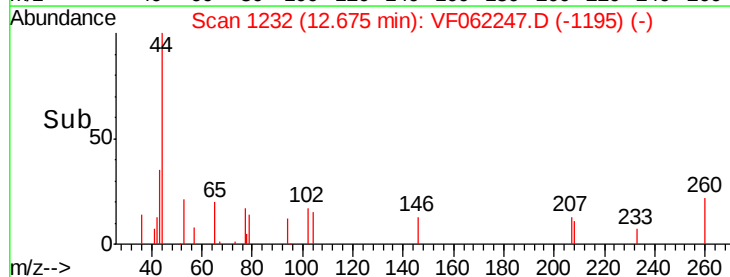
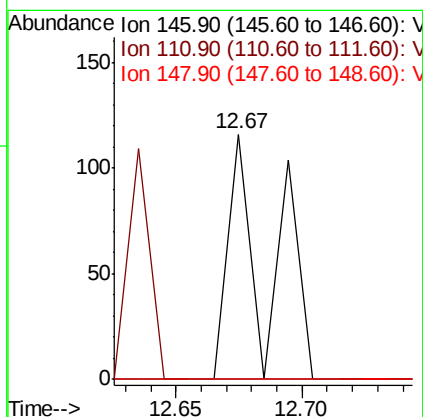
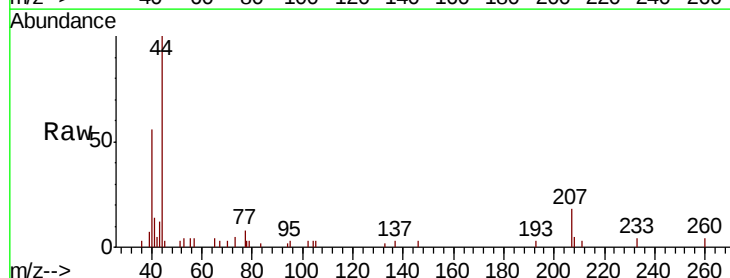
RT: 12.67 min Scan# 1232

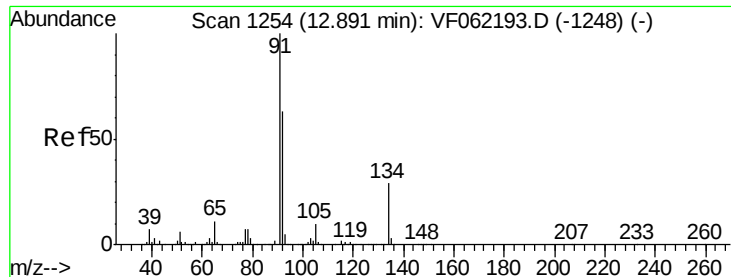
Delta R.T. 0.06 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Tgt Ion:146	Resp:	130
Ion	Ratio	Lower Upper
146	100	
111	0.0	20.0 60.0#
148	0.0	33.6 100.8#





#89

n-Butylbenzene

Concen: 84.924 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

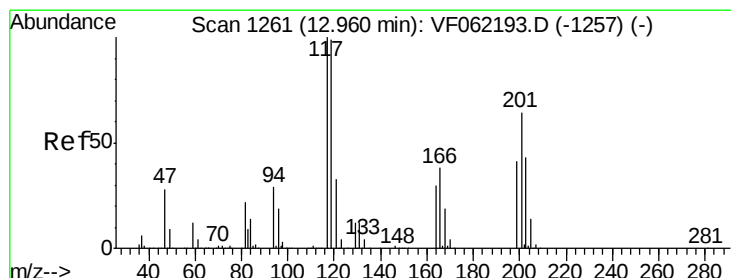
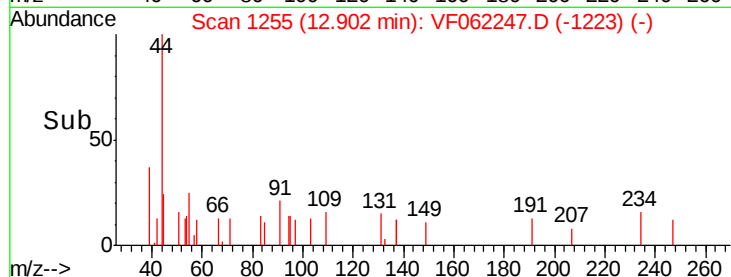
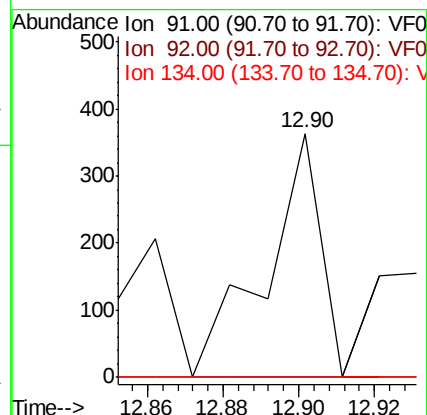
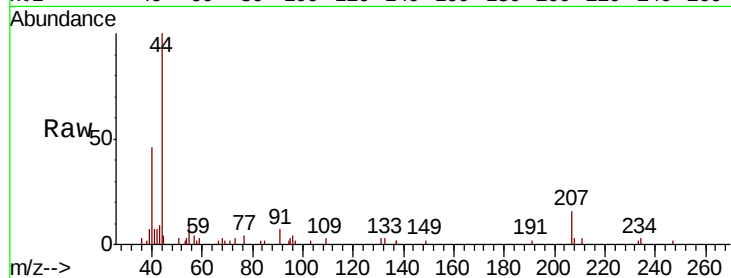
Tot Ion: 91 Resp: 365

Ion Ratio Lower Upper

91 100

92 0.0 31.2 93.6#

134 0.0 13.1 39.1#



#90

Hexachloroethane

Concen: 42.800 ug/l

RT: 12.96 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VF062247.D

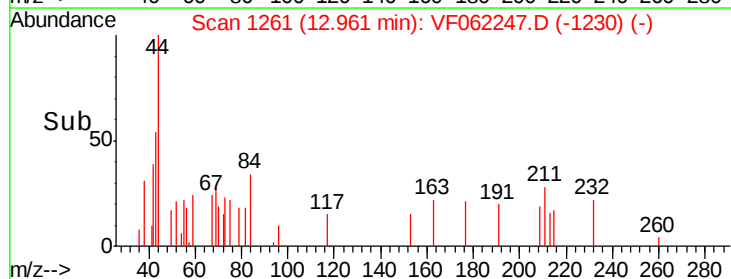
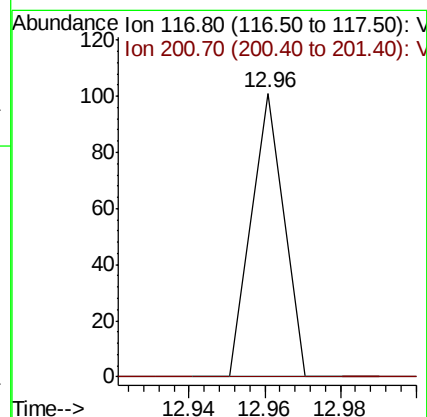
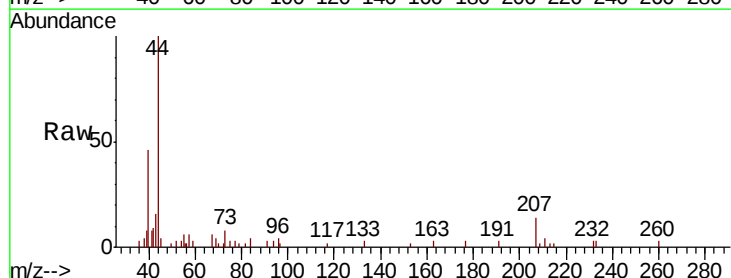
Acq: 22 Apr 2019 16:19

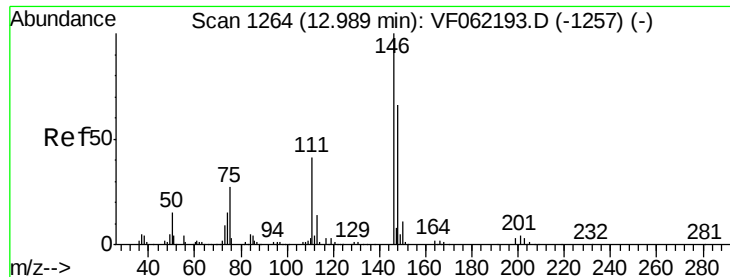
Tgt Ion: 117 Resp: 60

Ion Ratio Lower Upper

117 100

201 0.0 37.7 113.1#





#91

1,2-Dichlorobenzene

Concen: 33.949 ug/l

RT: 13.04 min Scan# 1269

Delta R.T. 0.05 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

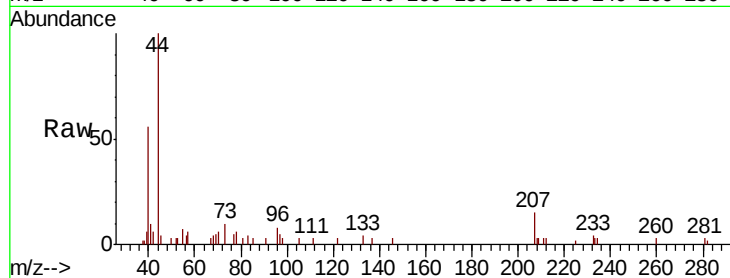
Tot Ion:146 Resp: 75

Ion Ratio Lower Upper

146 100

111 86.7 20.8 62.5#

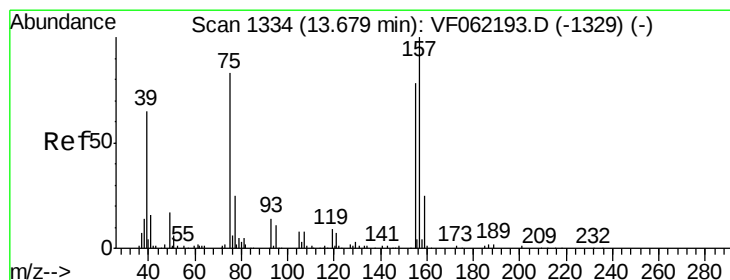
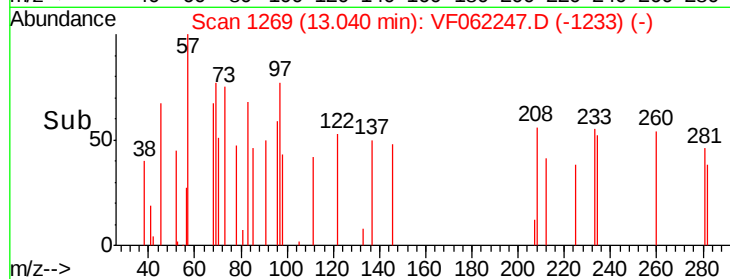
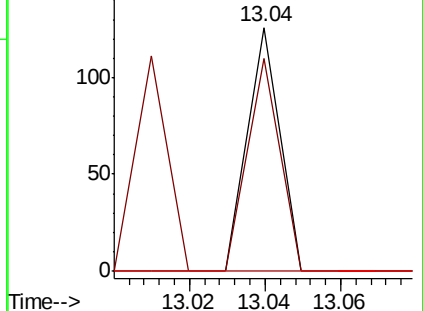
148 0.0 33.0 99.0#



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: 447.380 ug/l

RT: 13.68 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

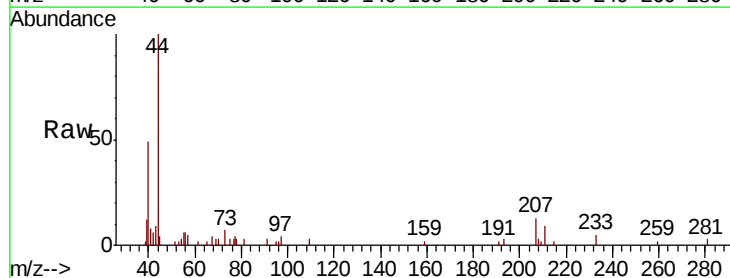
Tgt Ion: 75 Resp: 87

Ion Ratio Lower Upper

75 100

155 0.0 47.6 142.8#

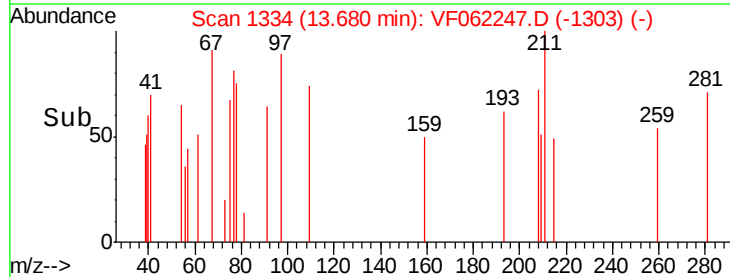
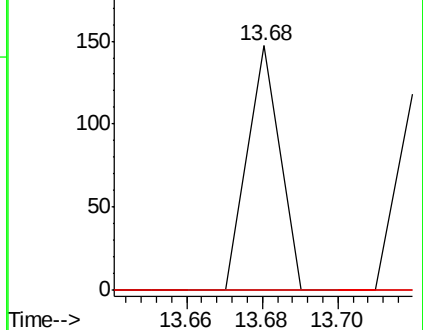
157 0.0 61.3 183.9#

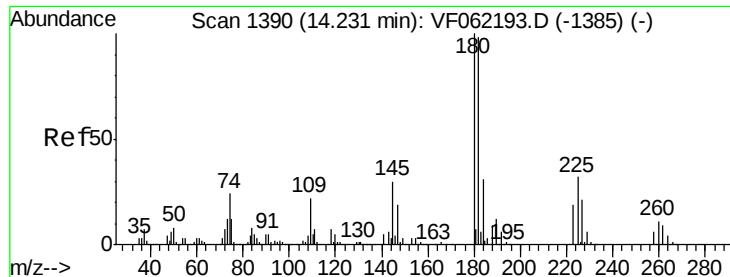


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

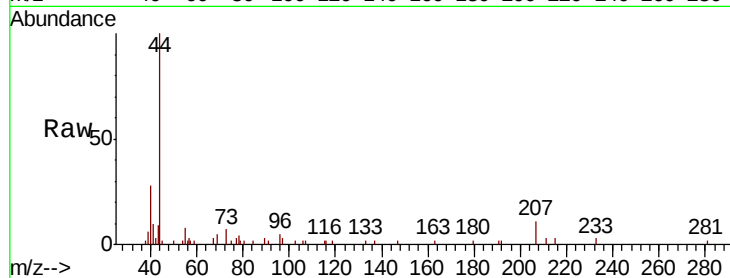




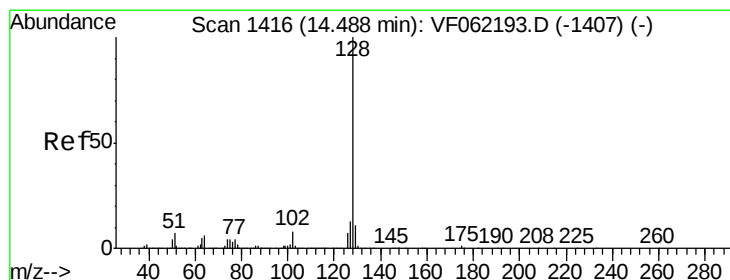
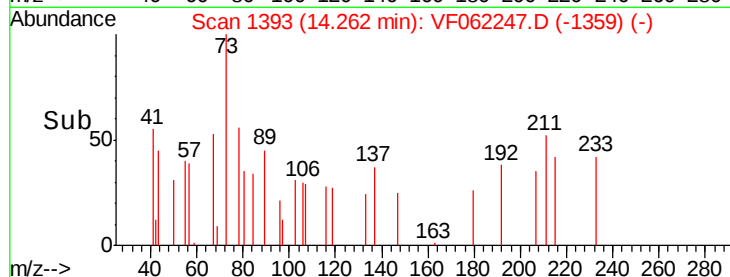
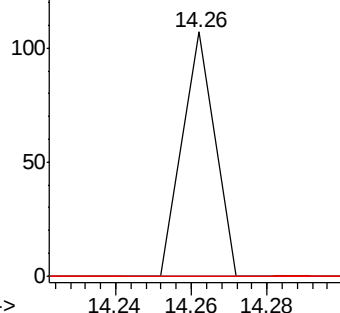
#93
 1,2,4-Trichlorobenzene
 Concen: 34.084 ug/l
 RT: 14.26 min Scan# 1393
 Delta R.T. 0.03 min
 Lab File: VF062247.D
 Acq: 22 Apr 2019 16:19

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-TRACK-70-71RE

Tot Ion	Ratio	Lower	Upper
180	100		
182	0.0	49.3	147.9#
145	0.0	18.1	54.4#

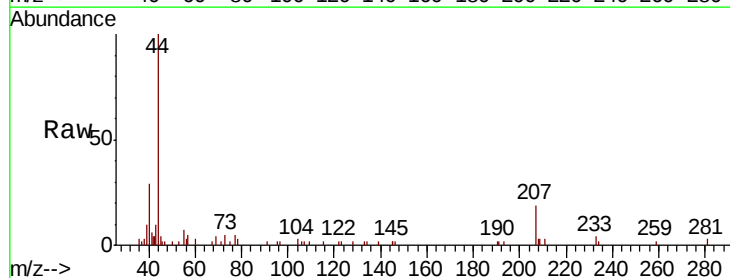


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

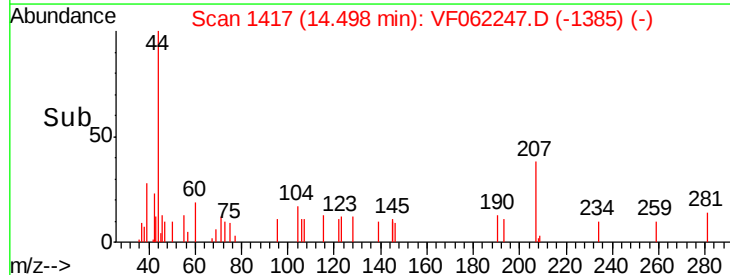
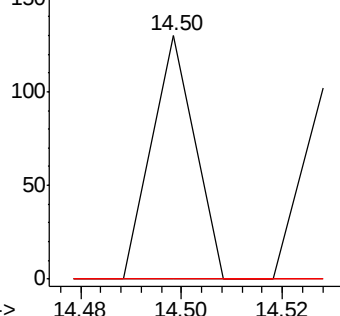


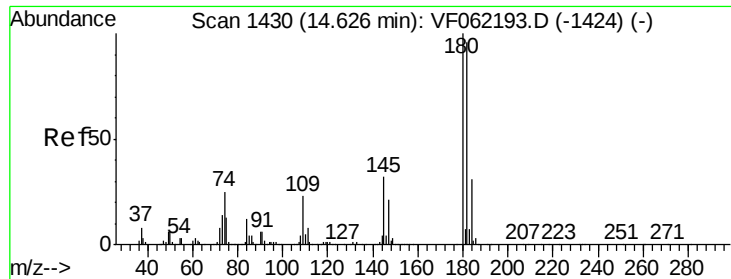
#95
 Naphthalene
 Concen: 23.825 ug/l
 RT: 14.50 min Scan# 1417
 Delta R.T. 0.01 min
 Lab File: VF062247.D
 Acq: 22 Apr 2019 16:19

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	9.2	13.8#



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





#96

1,2,3-Trichlorobenzene

Concen: 38.320 ug/l

RT: 14.69 min Scan# 1436

Delta R.T. 0.06 min

Lab File: VF062247.D

Acq: 22 Apr 2019 16:19

Instrument :

MSVOA_F

ClientSampleId :

TP-TRACK-70-71RE

Tot Ion:180 Resp: 68

Ion Ratio Lower Upper

180 100

182 0.0 48.4 145.3#

145 126.5 15.6 46.8#

