

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051119\
 Data File : VF062485.D
 Acq On : 12 May 2019 4:19
 Operator : FY/SY
 Sample : K2756-02
 Misc : 6.30g/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-0206-01

Quant Time: May 12 05:22:28 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	5.09	168	9410	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	5.79	114	5659	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.95	117	1355	50.00	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	12.77	152	64	50.00	ug/l	0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	839	9.43	ug/l	0.02
Spiked Amount 50.000			Recovery =	18.86%		
35) Dibromofluoromethane	4.32	113	1224	27.15	ug/l	0.01
Spiked Amount 50.000			Recovery =	54.30%		
50) Toluene-d8	7.73	98	3365	30.83	ug/l	0.02
Spiked Amount 50.000			Recovery =	61.66%		
62) 4-Bromofluorobenzene	11.65	95	98	1.99	ug/l	0.16
Spiked Amount 50.000			Recovery =	3.98%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.18	50	81	1.128	ug/l #	1
4) Vinyl Chloride	1.20	62	304	4.243	ug/l #	42
5) Bromomethane	1.50	94	60	Below Cal	#	3
6) Chloroethane	1.32	64	78	2.166	ug/l #	41
8) Diethyl Ether	1.72	74	102	4.535	ug/l	57
9) 1,1,2-Trichlorotrifluoroet	1.96	101	164	1.932	ug/l #	78
11) Tert butyl alcohol	2.73	59	66	13.132	ug/l #	70
12) 1,1-Dichloroethene	1.92	96	291	4.033	ug/l #	1
13) Acrolein	2.14	56	79	4.714	ug/l #	11
14) Allyl chloride	2.18	41	296	4.645	ug/l #	1
15) Acrylonitrile	3.18	53	149	15.650	ug/l #	51
16) Acetone	2.37	43	165	9.172	ug/l #	62
18) Methyl Acetate	2.48	43	285	5.926	ug/l #	58
19) Methyl tert-butyl Ether	2.57	73	298	2.001	ug/l #	61
20) Methylene Chloride	2.32	84	92	1.414	ug/l #	32
23) Vinyl Acetate	3.39	43	137	1.543	ug/l #	79
25) 2-Butanone	4.58	43	82	3.628	ug/l #	60
26) 2,2-Dichloropropane	3.79	77	130	1.934	ug/l #	38
27) cis-1,2-Dichloroethene	3.65	96	149	1.734	ug/l #	1
28) Bromochloromethane	3.94	49	70	1.282	ug/l #	1
29) Tetrahydrofuran	4.33	42	71	6.835	ug/l #	36
32) 1,1,1-Trichloroethane	4.25	97	231	1.657	ug/l #	22
36) 1,1-Dichloropropene	4.50	75	88	1.810	ug/l #	42
37) Ethyl Acetate	4.35	43	395	17.434	ug/l #	84
38) Carbon Tetrachloride	4.40	117	73	Below Cal	#	14
39) Methylcyclohexane	5.65	83	73	1.497	ug/l #	71
41) Methacrylonitrile	4.92	41	489	41.951	ug/l #	34
42) 1,2-Dichloroethane	5.19	62	66	1.474	ug/l #	82
43) Isopropyl Acetate	7.15	43	584	26.412	ug/l #	48
44) Trichloroethene	5.68	130	79	2.009	ug/l	2
45) 1,2-Dichloropropane	6.34	63	92	3.794	ug/l #	43
46) Dibromomethane	6.07	93	66	3.283	ug/l #	1
47) Bromodichloromethane	6.48	83	63	1.253	ug/l #	27
48) Methyl methacrylate	6.92	41	160	10.239	ug/l #	17

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051119\
 Data File : VF062485.D
 Acq On : 12 May 2019 4:19
 Operator : FY/SY
 Sample : K2756-02
 Misc : 6.30g/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-0206-01

Quant Time: May 12 05:22:28 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)

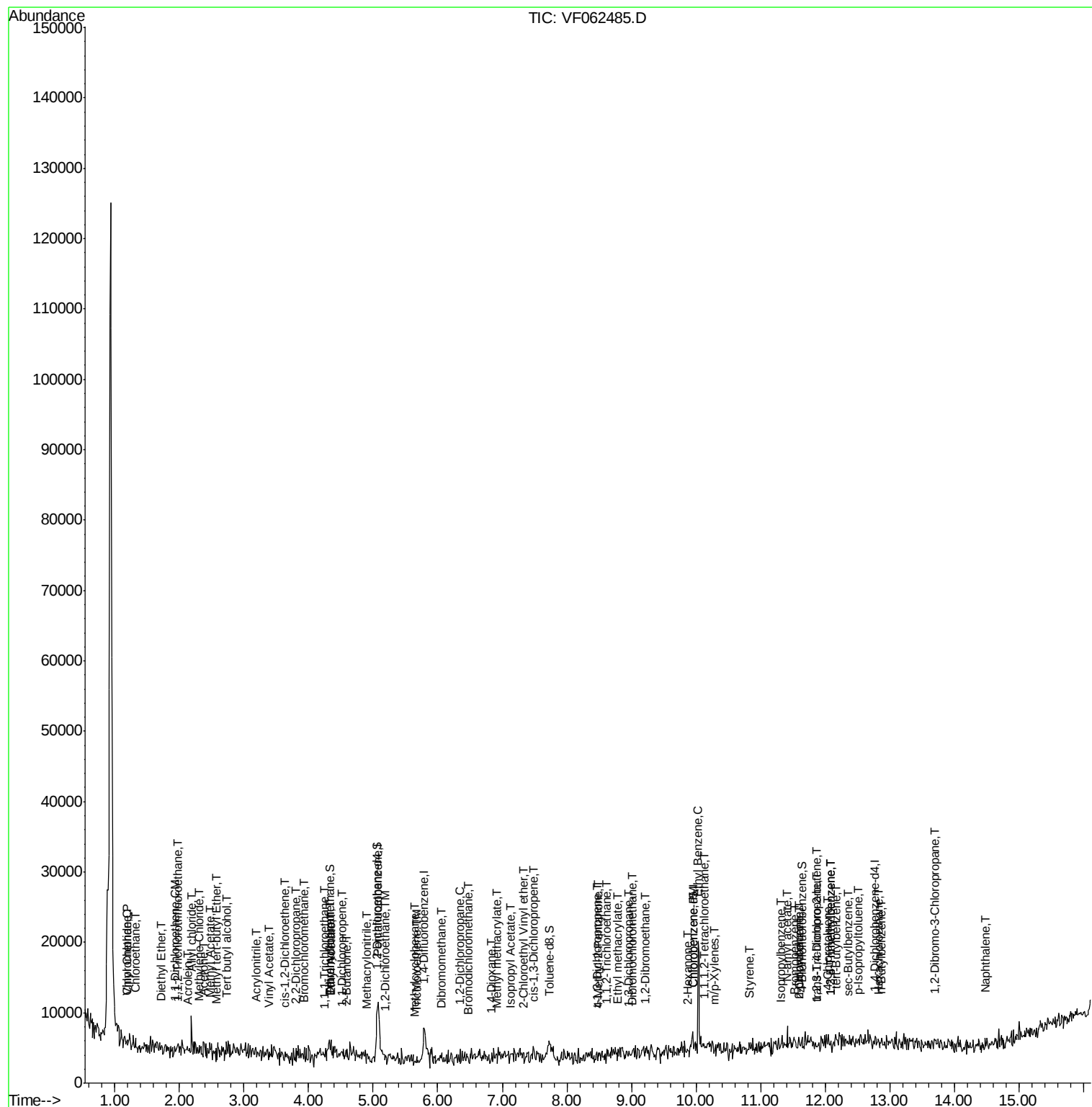
49) 1,4-Dioxane	6.82	88	63	383.960	ug/l #	1
51) 4-Methyl-2-Pentanone	8.49	43	209	12.474	ug/l	90
53) t-1,3-Dichloropropene	8.46	75	72	1.894	ug/l #	43
54) cis-1,3-Dichloropropene	7.48	75	111	2.509	ug/l #	67
55) 1,1,2-Trichloroethane	8.62	97	125	5.963	ug/l #	14
56) Ethyl methacrylate	8.79	69	76	3.434	ug/l #	13
57) 1,3-Dichloropropane	8.95	76	62	1.958	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.34	63	76	11.423	ug/l #	1
59) 2-Hexanone	9.86	43	135	11.650	ug/l	95
60) Dibromochloromethane	9.01	129	81	2.362	ug/l #	11
61) 1,2-Dibromoethane	9.21	107	71	2.882	ug/l #	3
65) Chlorobenzene	9.95	112	63	2.810	ug/l #	43
66) 1,1,1,2-Tetrachloroethane	10.13	131	62	5.482	ug/l #	1
67) Ethyl Benzene	10.04	91	95	2.420	ug/l #	45
68) m/p-Xylenes	10.28	106	60	4.142	ug/l #	39
70) Styrene	10.83	104	75	3.197	ug/l #	43
73) Isopropylbenzene	11.30	105	86	22.666	ug/l #	50
74) N-amyl acetate	11.42	43	264	324.103	ug/l #	39
76) 1,2,3-Trichloropropane	11.87	75	71	156.650	ug/l #	100
77) Bromobenzene	11.53	156	65	65.276	ug/l #	1
78) n-propylbenzene	11.61	91	86	21.290	ug/l #	52
79) 2-Chlorotoluene	11.61	91	86	34.238	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.07	105	135	40.595	ug/l	90
81) trans-1,4-Dichloro-2-buten	11.87	75	71	416.747	ug/l #	5
82) 4-Chlorotoluene	12.05	91	95	38.293	ug/l #	39
83) tert-Butylbenzene	12.17	119	83	23.748	ug/l #	29
84) 1,2,4-Trimethylbenzene	12.07	105	135	41.482	ug/l	83
85) sec-Butylbenzene	12.35	105	60	14.104	ug/l #	57
86) p-Isopropyltoluene	12.52	119	62	15.687	ug/l #	1
89) n-Butylbenzene	12.87	91	85	24.173	ug/l #	28
90) Hexachloroethane	12.81	117	64	64.852	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	13.70	75	136	1021.861	ug/l #	1
95) Naphthalene	14.48	128	60	25.277	ug/l #	69

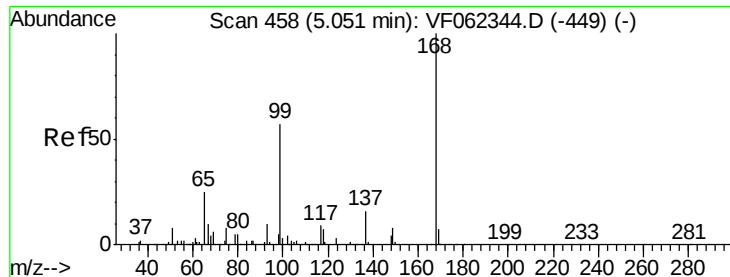
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051119\
 Data File : VF062485.D
 Acq On : 12 May 2019 4:19
 Operator : FY/SY
 Sample : K2756-02
 Misc : 6.30q/5mL/MSVOA F/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-0206-01

Quant Time: May 12 05:22:28 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.09 min Scan# 462

Delta R.T. 0.03 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

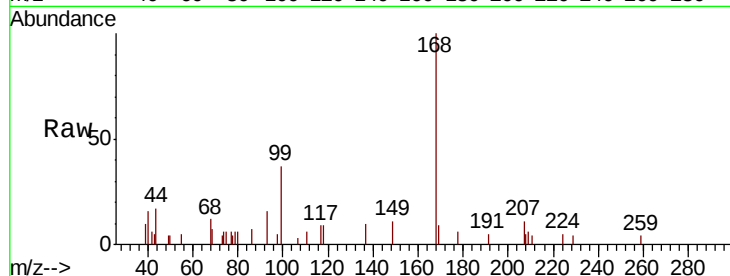
P021-SS005-0206-01

Tot Ion:168 Resp: 9410

Ion Ratio Lower Upper

168 100

99 37.1 45.9 68.9#



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.09

3000

2000

1000

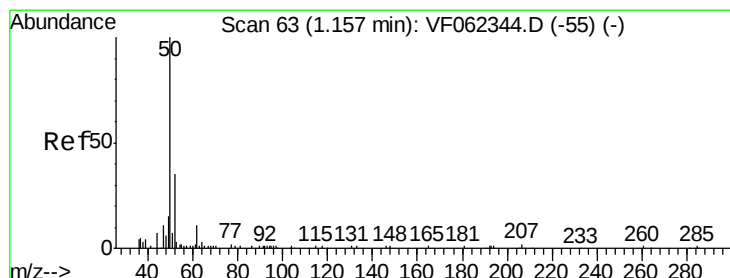
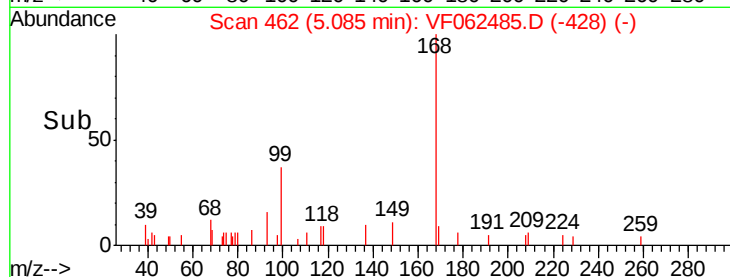
0

Time-->

5.00

5.10

5.20



#3

Chloromethane

Concen: 1.128 ug/l

RT: 1.18 min Scan# 66

Delta R.T. 0.02 min

Lab File: VF062485.D

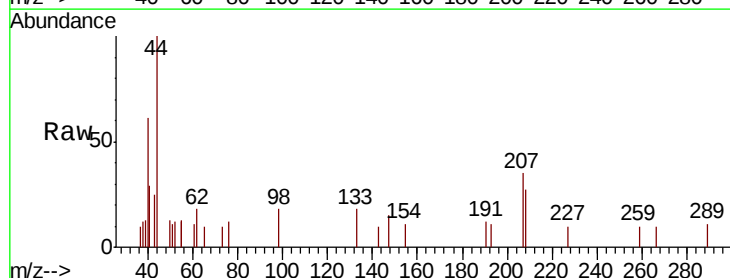
Acq: 12 May 2019 4:19

Tgt Ion: 50 Resp: 81

Ion Ratio Lower Upper

50 100

52 91.2 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0

1.18

150

100

50

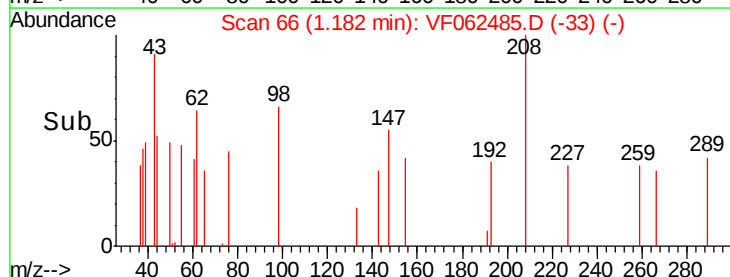
0

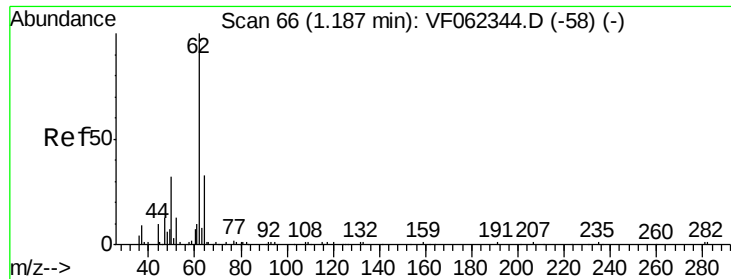
Time-->

1.16

1.18

1.20





#4

Vinyl Chloride

Concen: 4.243 ug/l

RT: 1.20 min Scan# 68

Delta R.T. 0.01 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

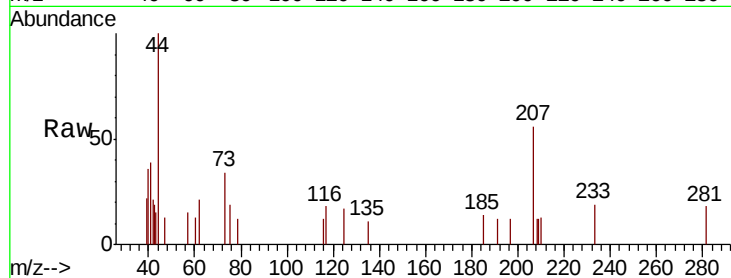
P021-SS005-0206-01

Tot Ion: 62 Resp: 304

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

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

1.20

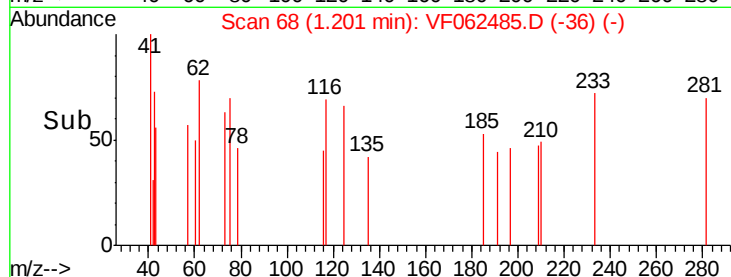
1.20

1.20

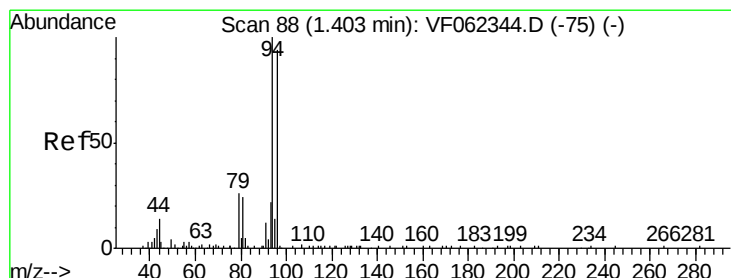
1.20

1.20

1.20



Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.50 min Scan# 98

Delta R.T. 0.09 min

Lab File: VF062485.D

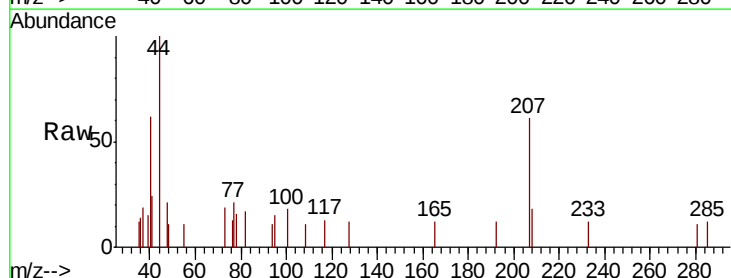
Acq: 12 May 2019 4:19

Tgt Ion: 94 Resp: 60

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

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

1.50

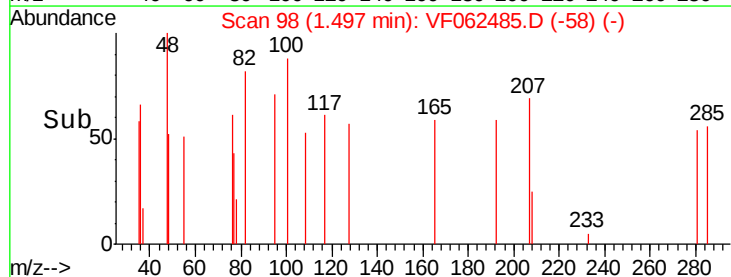
1.50

1.50

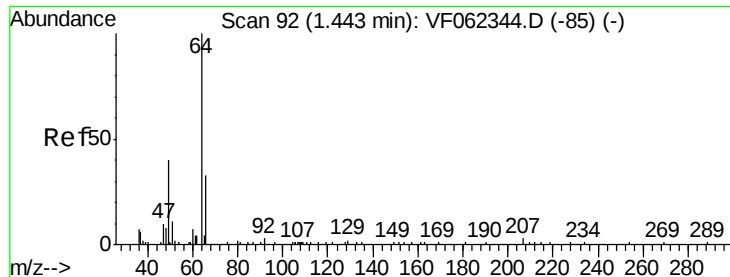
1.50

1.50

1.50



Time-->



#6

Chloroethane

Concen: 2.166 ug/l

RT: 1.32 min Scan# 80

Delta R.T. -0.12 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

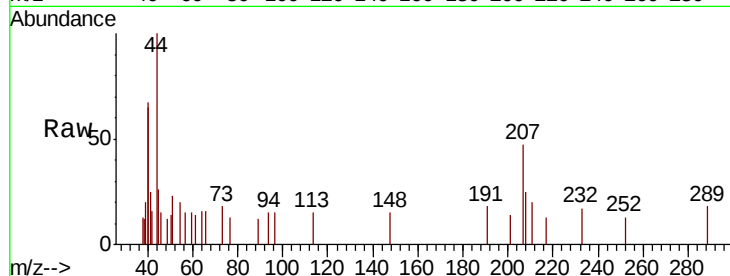
P021-SS005-0206-01

Tot Ion: 64 Resp: 78

Ion Ratio Lower Upper

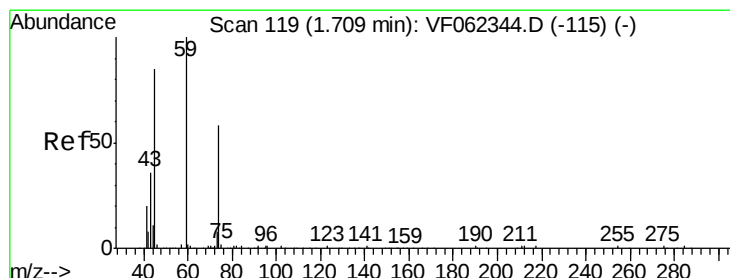
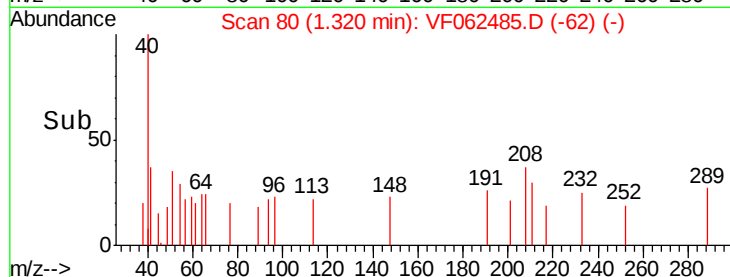
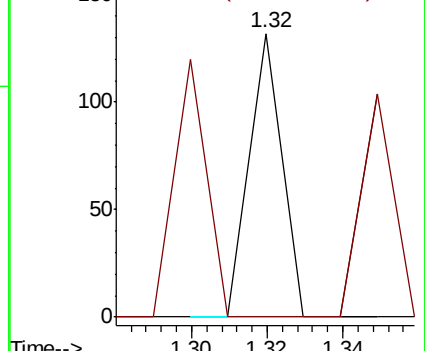
64 100

66 0.0 26.6 39.8#



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0



#8

Diethyl Ether

Concen: 4.535 ug/l

RT: 1.72 min Scan# 121

Delta R.T. 0.01 min

Lab File: VF062485.D

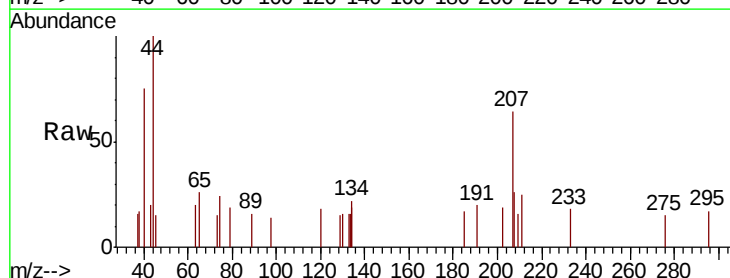
Acq: 12 May 2019 4:19

Tgt Ion: 74 Resp: 102

Ion Ratio Lower Upper

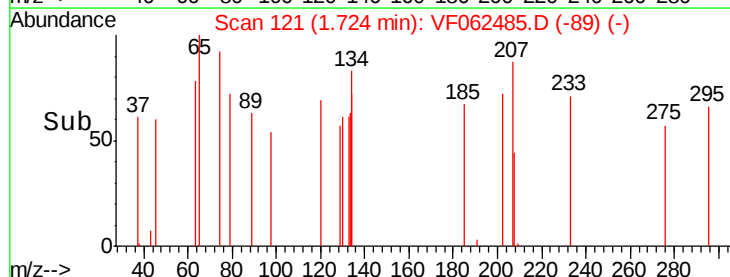
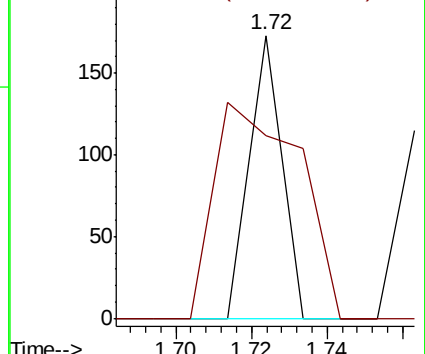
74 100

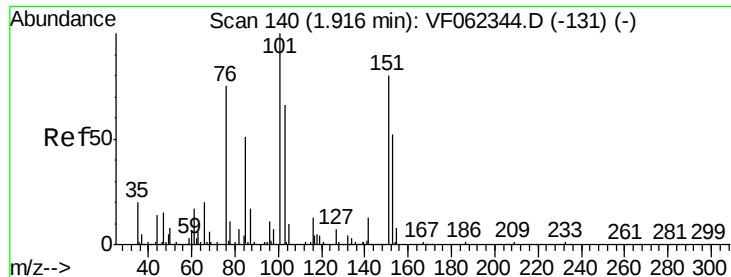
45 202.0 73.9 221.6



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.932 ug/l

RT: 1.96 min Scan# 145

Delta R.T. 0.04 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

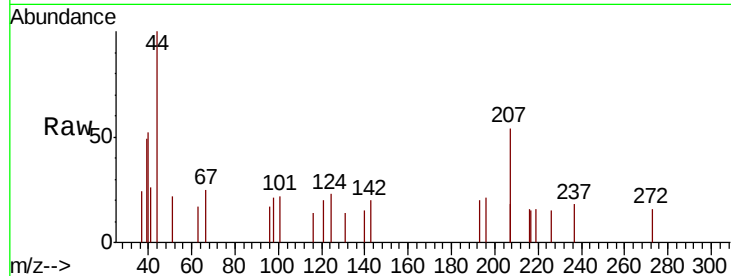
Tot Ion:101 Resp: 164

Ion Ratio Lower Upper

101 100

85 43.3 39.5 59.3

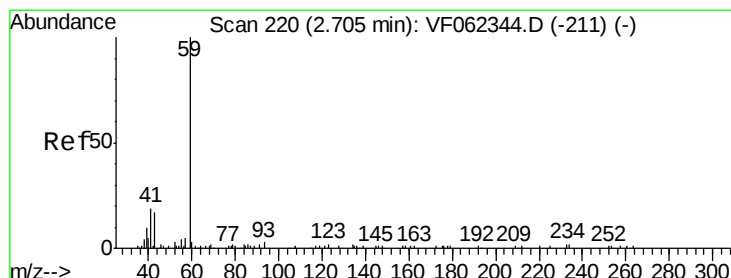
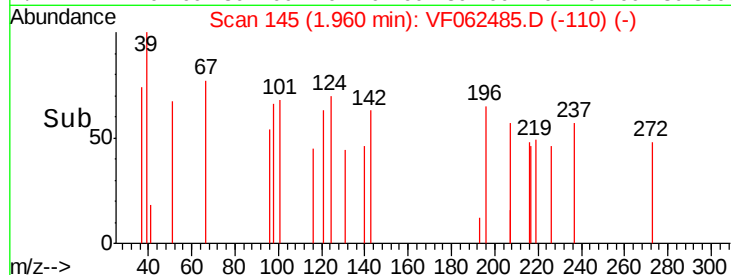
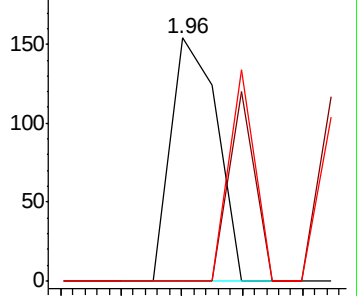
151 48.2 59.9 89.9#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



#11

Tert butyl alcohol

Concen: 13.132 ug/l

RT: 2.73 min Scan# 223

Delta R.T. 0.02 min

Lab File: VF062485.D

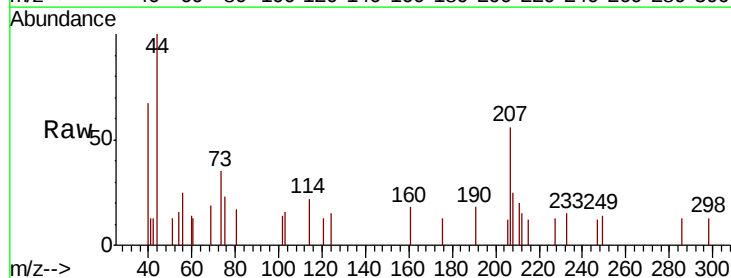
Acq: 12 May 2019 4:19

Tgt Ion: 59 Resp: 66

Ion Ratio Lower Upper

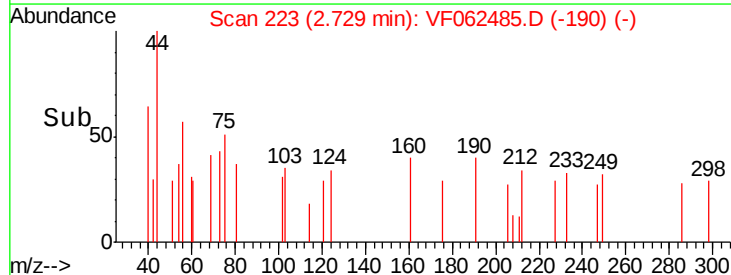
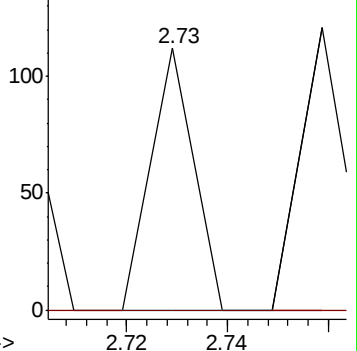
59 100

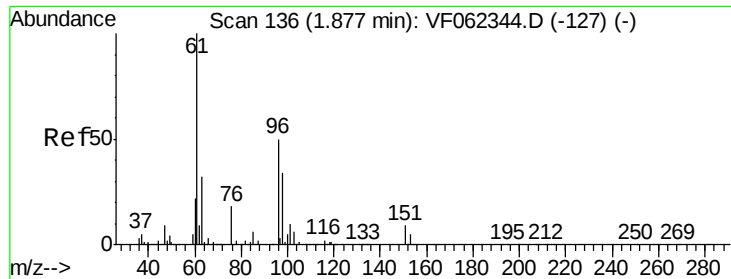
57 0.0 9.3 13.9#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

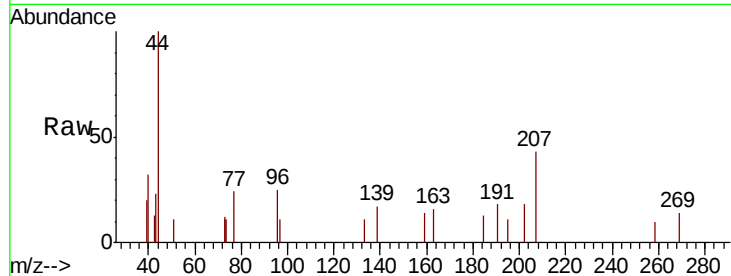




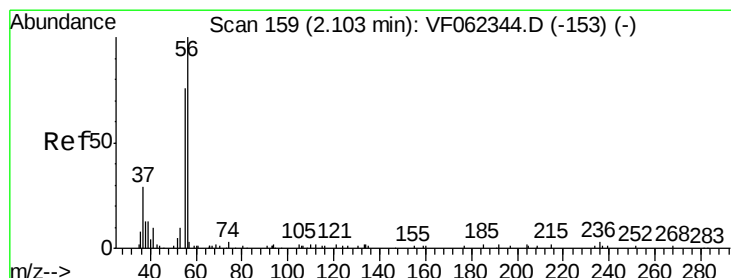
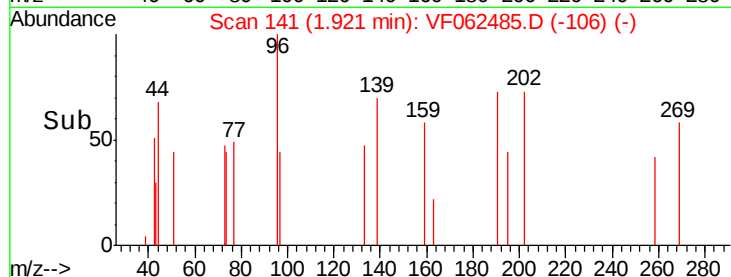
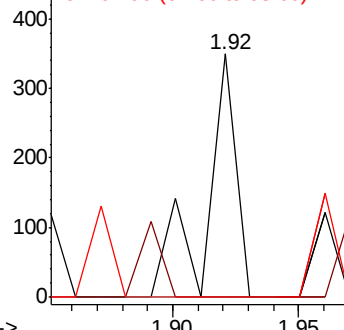
#12
 1,1-Dichloroethene
 Concen: 4.033 ug/l
 RT: 1.92 min Scan# 141
 Delta R.T. 0.04 min
 Lab File: VF062485.D
 Acq: 12 May 2019 4:19

Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-0206-01

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	163.2	244.8#
98	0.0	55.2	82.8#

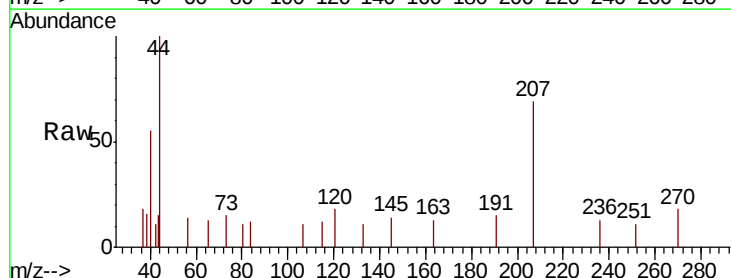


Abundance Ion 95.90 (95.60 to 96.60): VF0
 Ion 60.90 (60.60 to 61.60): VF0
 Ion 97.90 (97.60 to 98.60): VF0

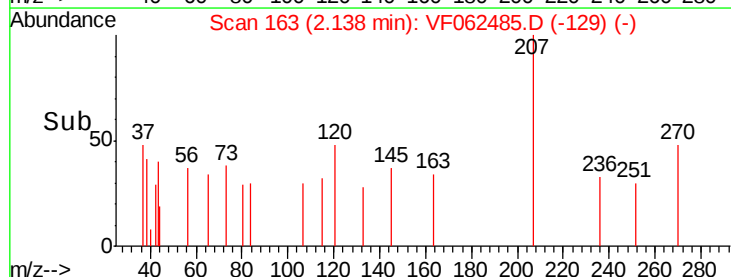
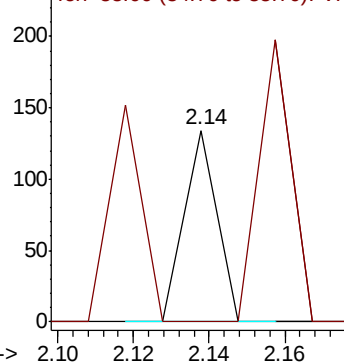


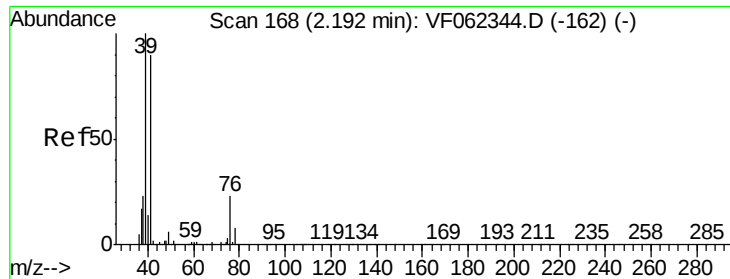
#13
 Acrolein
 Concen: 4.714 ug/l
 RT: 2.14 min Scan# 163
 Delta R.T. 0.03 min
 Lab File: VF062485.D
 Acq: 12 May 2019 4:19

Tgt Ion	Ratio	Lower	Upper
56	100		
55	148.1	58.4	87.6#



Abundance Ion 56.00 (55.70 to 56.70): VF0
 Ion 55.00 (54.70 to 55.70): VF0

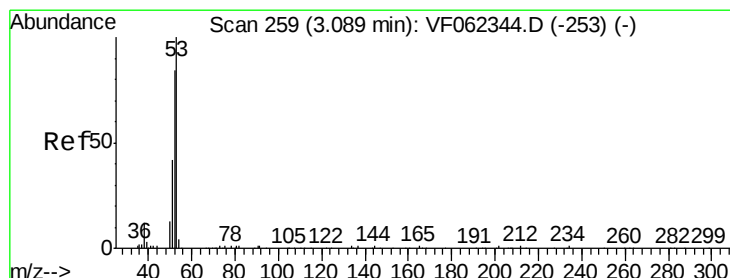
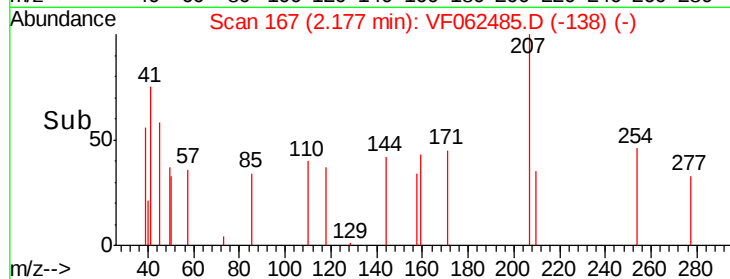
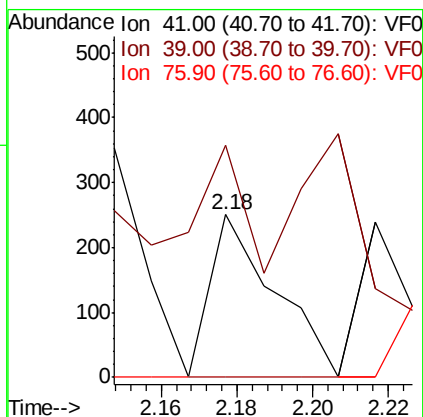
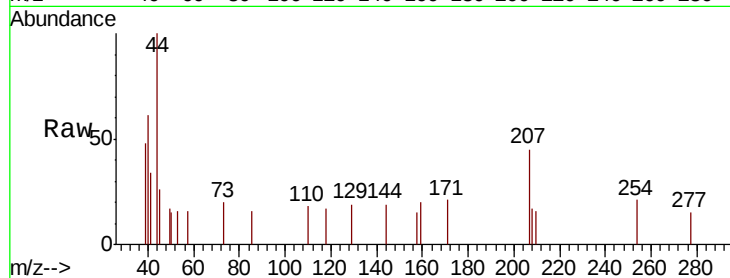




#14
Allvl chloride
Concen: 4.645 ug/l
RT: 2.18 min Scan# 167
Delta R.T. -0.01 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

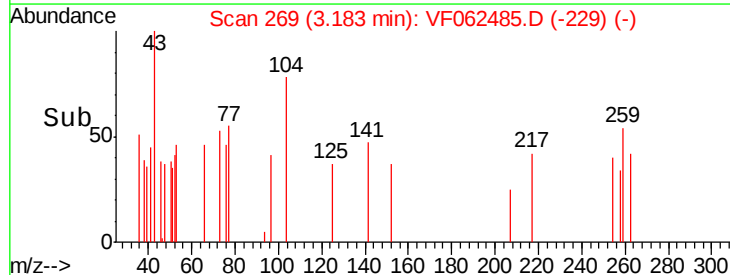
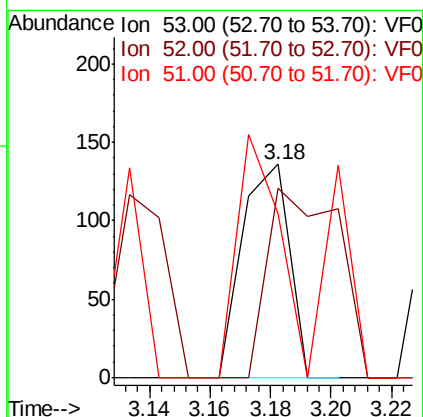
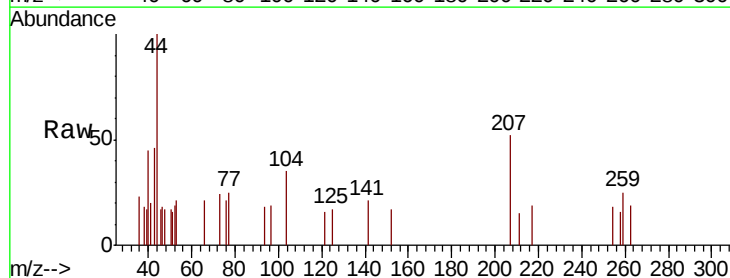
Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0206-01

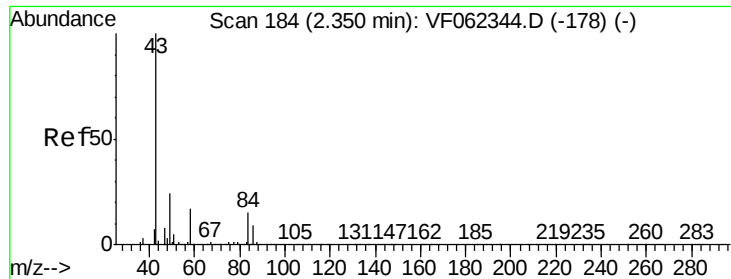
Tot Ion: 41 Resp: 296
Ion Ratio Lower Upper
41 100
39 270.3 90.8 136.2#
76 0.0 22.2 33.4#



#15
Acrylonitrile
Concen: 15.650 ug/l
RT: 3.18 min Scan# 269
Delta R.T. 0.09 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

Tgt Ion: 53 Resp: 149
Ion Ratio Lower Upper
53 100
52 131.5 77.2 115.8#
51 102.7 40.6 61.0#





#16

Acetone

Concen: 9.172 ug/l

RT: 2.37 min Scan# 187

Delta R.T. 0.02 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

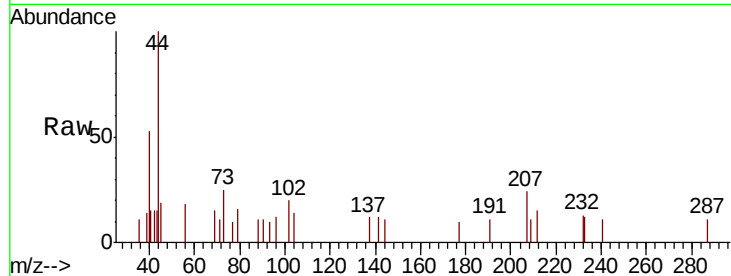
P021-SS005-0206-01

Tot Ion: 43 Resp: 165

Ion Ratio Lower Upper

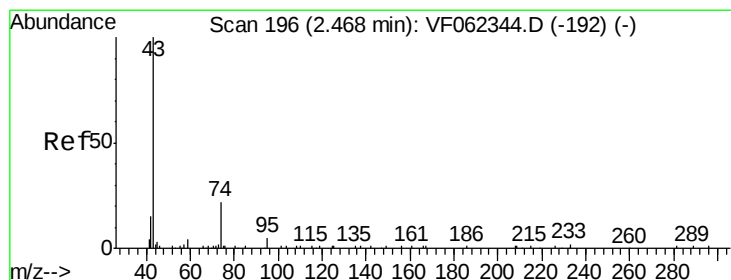
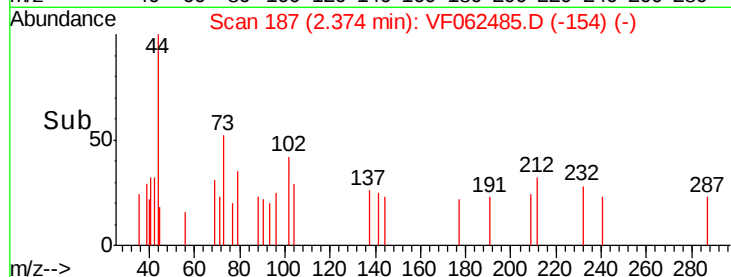
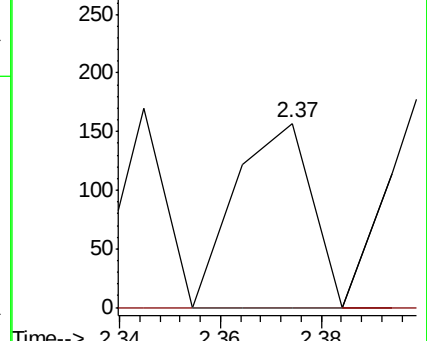
43 100

58 0.0 13.1 19.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#18

Methyl Acetate

Concen: 5.926 ug/l

RT: 2.48 min Scan# 198

Delta R.T. 0.01 min

Lab File: VF062485.D

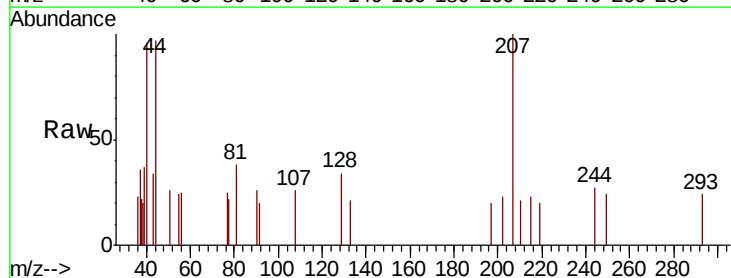
Acq: 12 May 2019 4:19

Tgt Ion: 43 Resp: 285

Ion Ratio Lower Upper

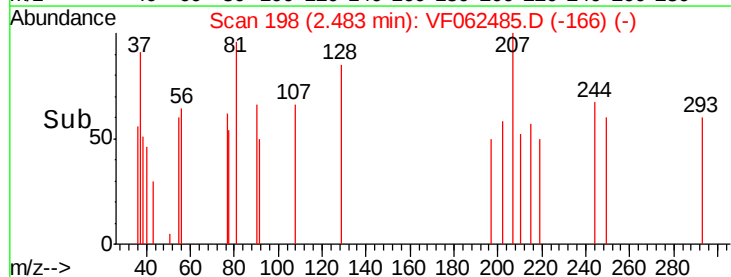
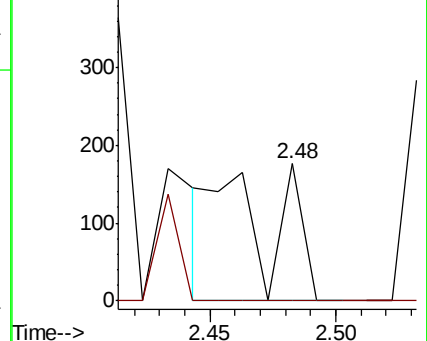
43 100

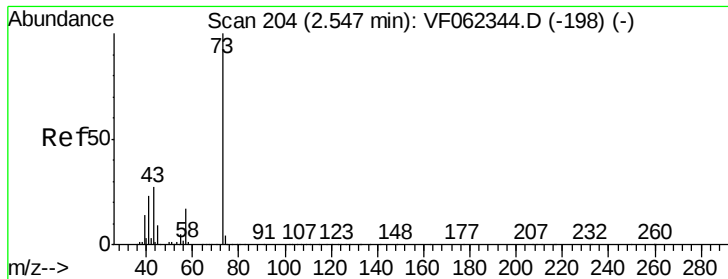
74 0.0 15.0 22.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 74.00 (73.70 to 74.70): VF0

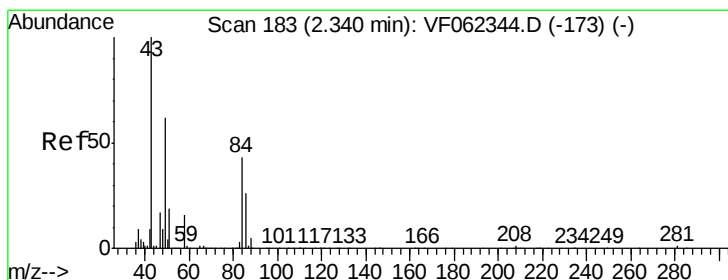
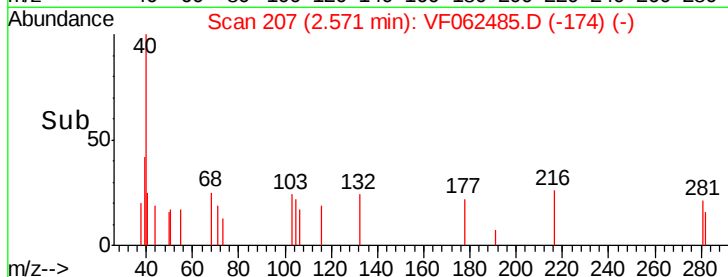
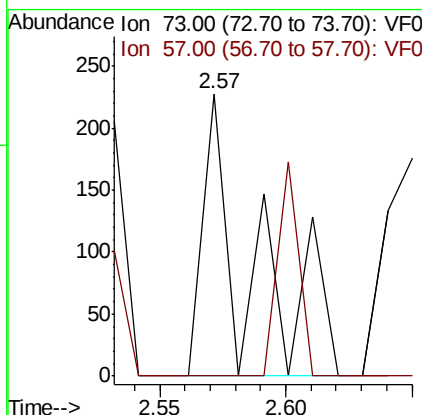
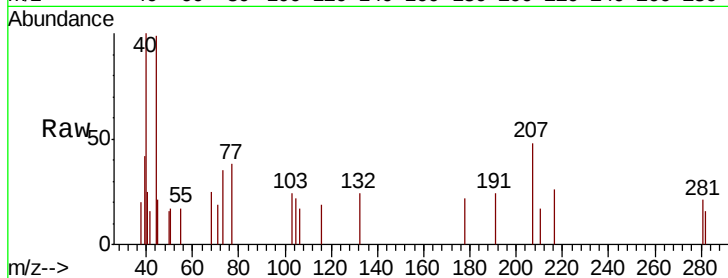




#19
Methyl tert-butyl Ether
Concen: 2.001 ug/l
RT: 2.57 min Scan# 207
Delta R.T. 0.02 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

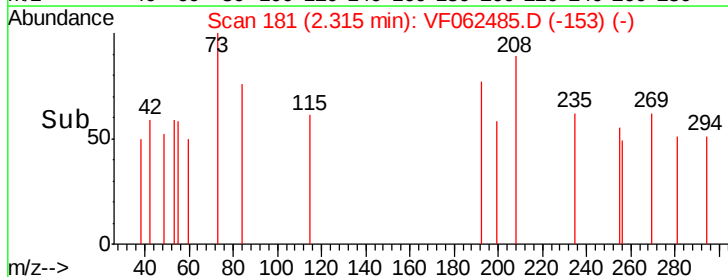
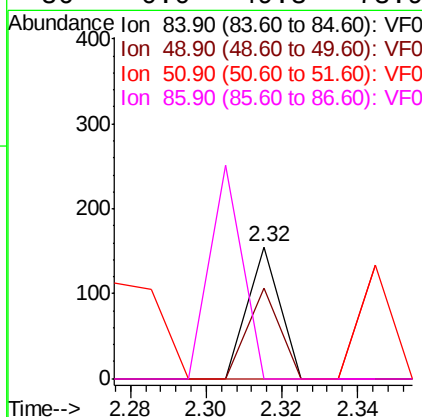
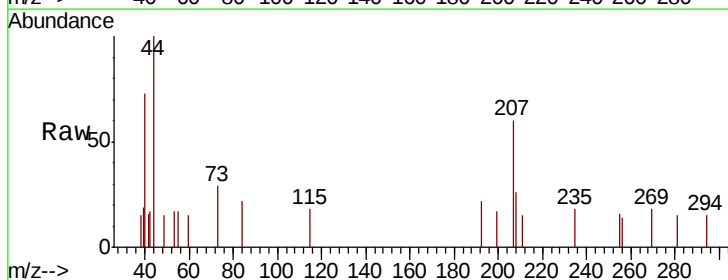
Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0206-01

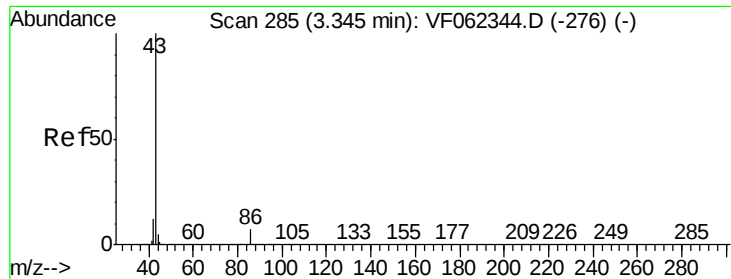
Tot Ion: 73 Resp: 298
Ion Ratio Lower Upper
73 100
57 0.0 13.7 20.5#



#20
Methylene Chloride
Concen: 1.414 ug/l
RT: 2.32 min Scan# 181
Delta R.T. -0.02 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

Tgt Ion: 84 Resp: 92
Ion Ratio Lower Upper
84 100
49 69.0 117.5 176.3#
51 0.0 37.0 55.4#
86 0.0 49.3 73.9#





#23

Vinyl Acetate

Concen: 1.543 ug/l

RT: 3.39 min Scan# 290

Delta R.T. 0.04 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

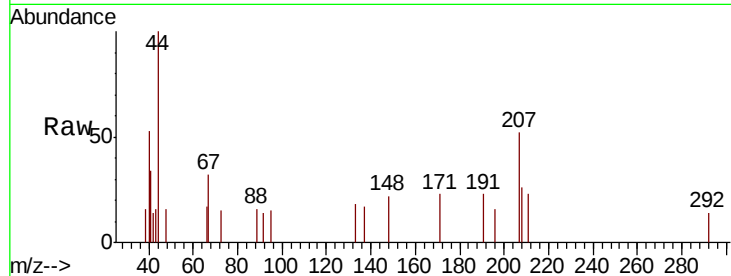
P021-SS005-0206-01

Tot Ion: 43 Resp: 137

Ion Ratio Lower Upper

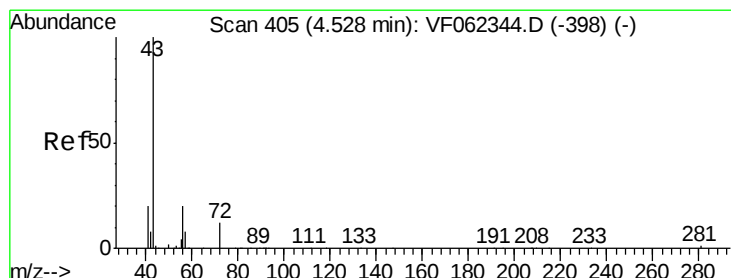
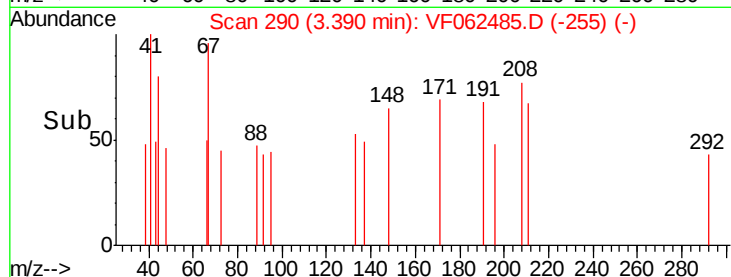
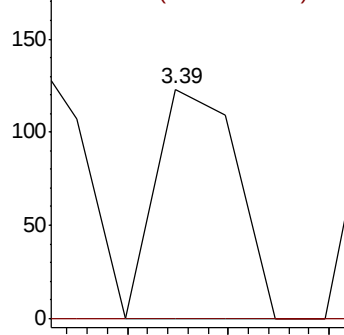
43 100

86 0.0 5.7 8.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#25

2-Butanone

Concen: 3.628 ug/l

RT: 4.58 min Scan# 411

Delta R.T. 0.05 min

Lab File: VF062485.D

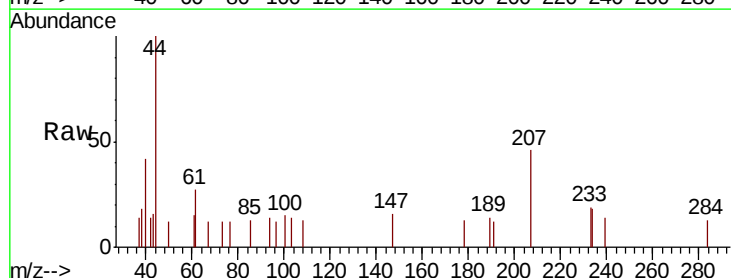
Acq: 12 May 2019 4:19

Tgt Ion: 43 Resp: 82

Ion Ratio Lower Upper

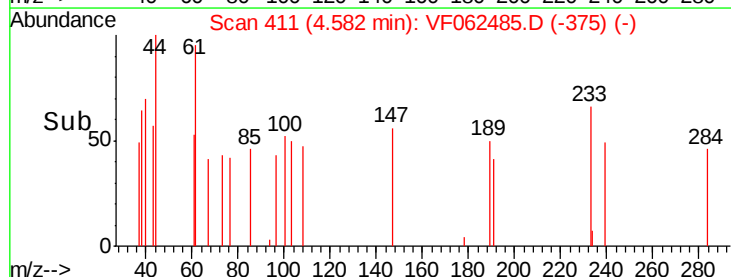
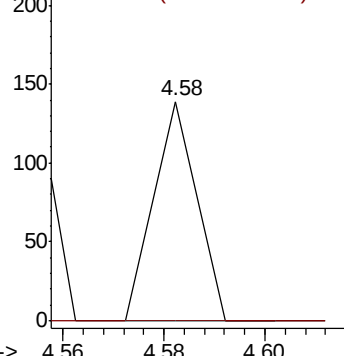
43 100

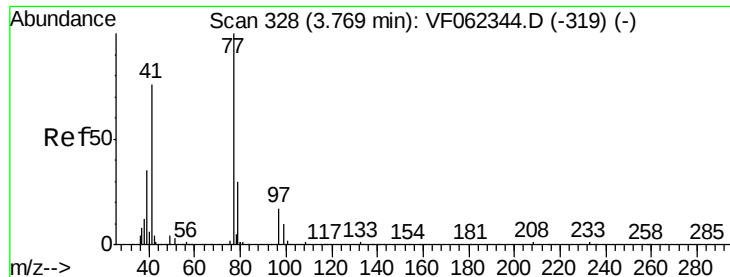
72 0.0 14.2 21.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0





#26

2,2-Dichloropropane

Concen: 1.934 ug/l

RT: 3.79 min Scan# 331

Delta R.T. 0.02 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

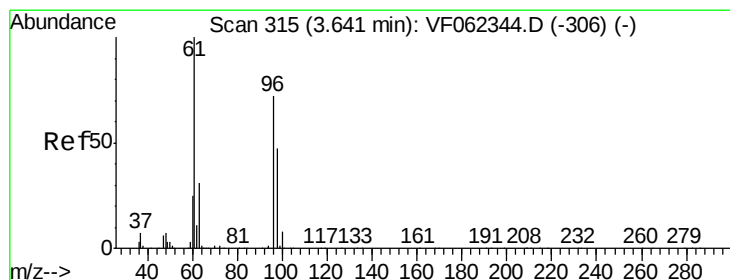
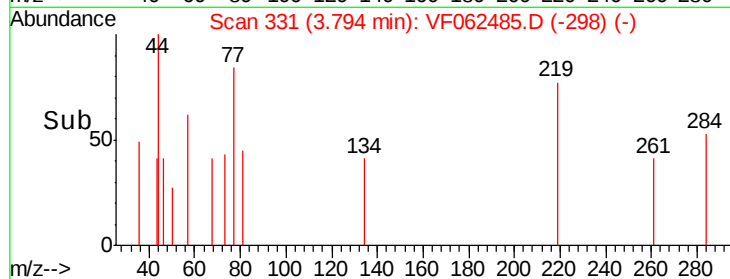
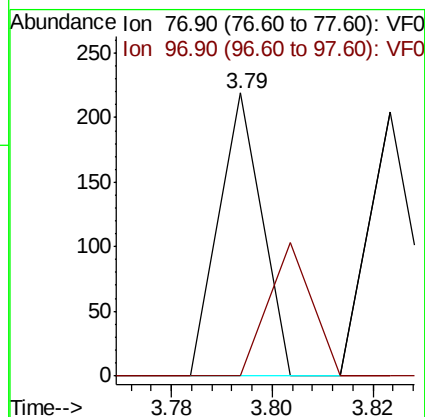
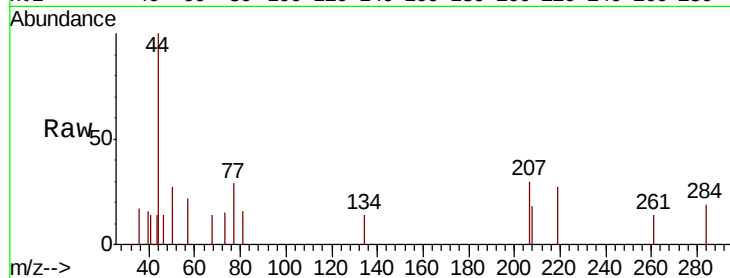
P021-SS005-0206-01

Tot Ion: 77 Resp: 130

Ion Ratio Lower Upper

77 100

97 46.9 9.5 28.5#



#27

cis-1,2-Dichloroethene

Concen: 1.734 ug/l

RT: 3.65 min Scan# 316

Delta R.T. 0.00 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

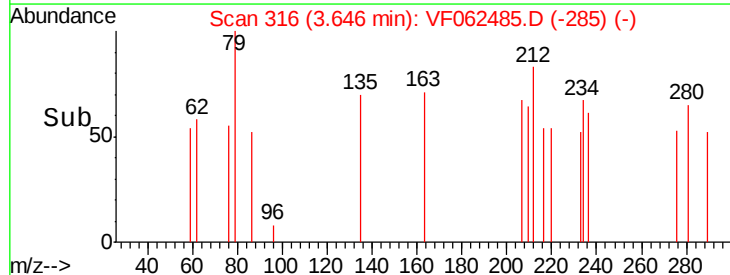
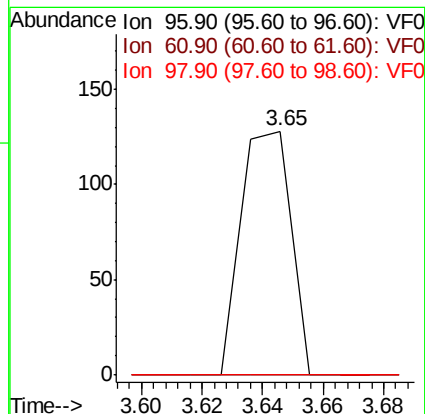
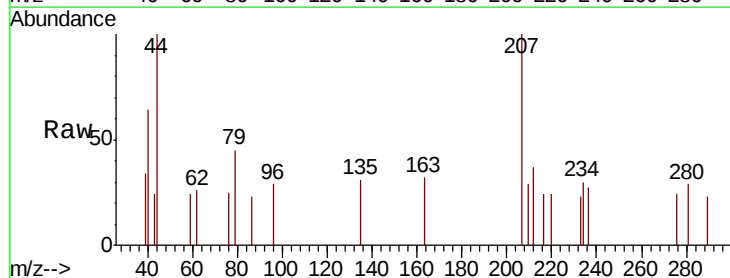
Tgt Ion: 96 Resp: 149

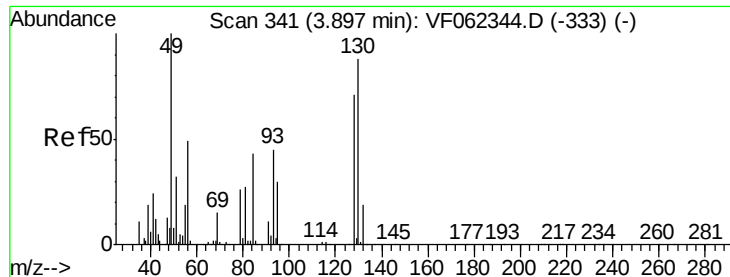
Ion Ratio Lower Upper

96 100

61 0.0 0.0 263.0

98 0.0 0.0 130.8





#28

Bromochloromethane

Concen: 1.282 ug/l

RT: 3.94 min Scan# 346

Delta R.T. 0.04 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

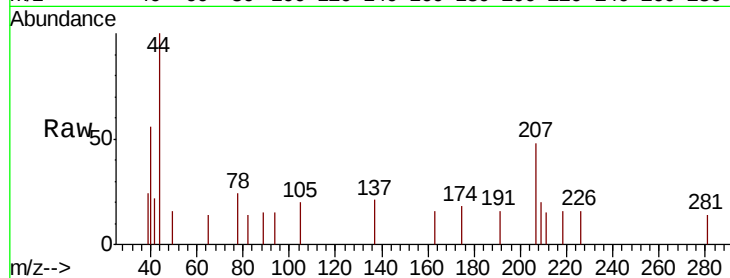
Tot Ion: 49 Resp: 70

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.2

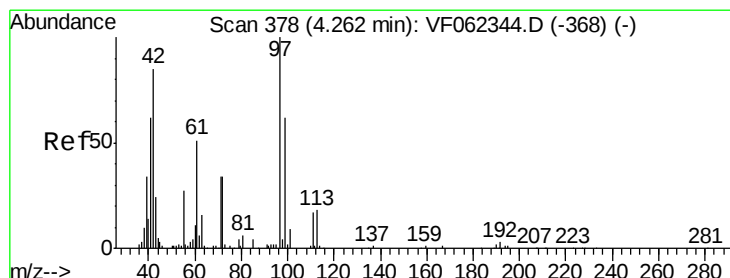
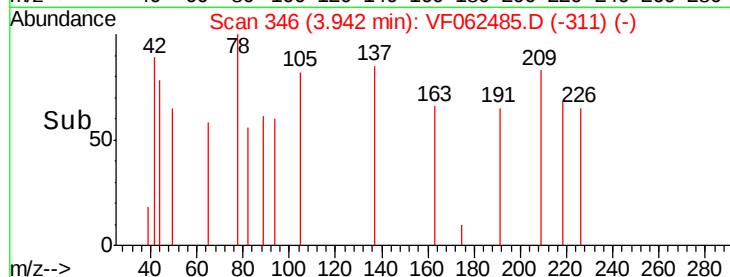
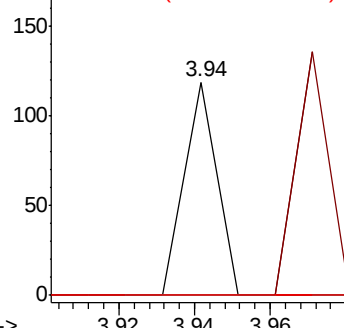
130 0.0 79.4 119.0#



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: 6.835 ug/l

RT: 4.33 min Scan# 385

Delta R.T. 0.06 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

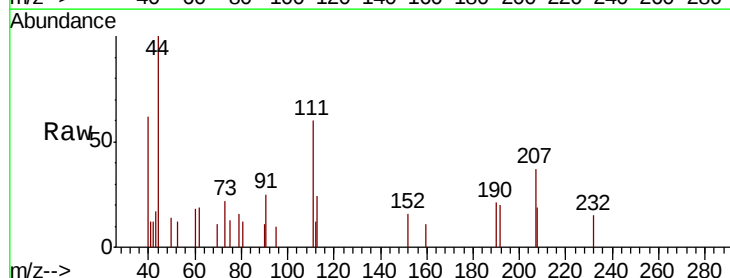
Tgt Ion: 42 Resp: 71

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

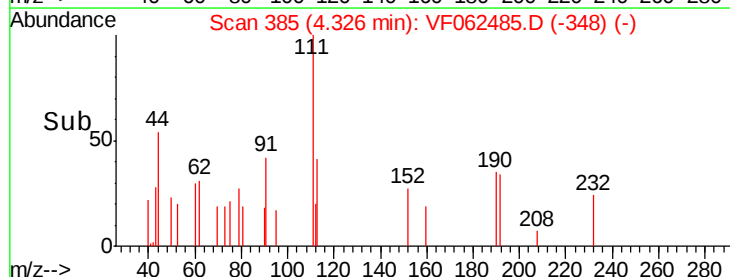
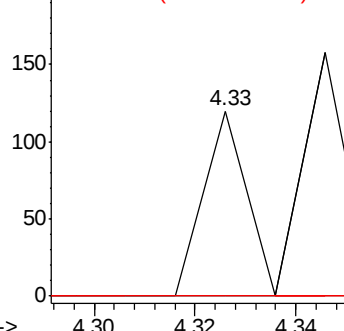
71 0.0 31.7 47.5#

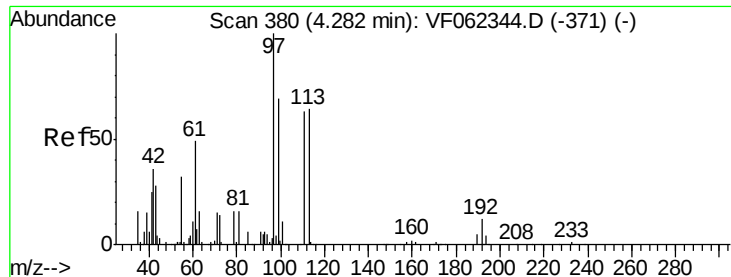


Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0





#32

1,1,1-Trichloroethane

Concen: 1.657 ug/l

RT: 4.25 min Scan# 377

Delta R.T. -0.03 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

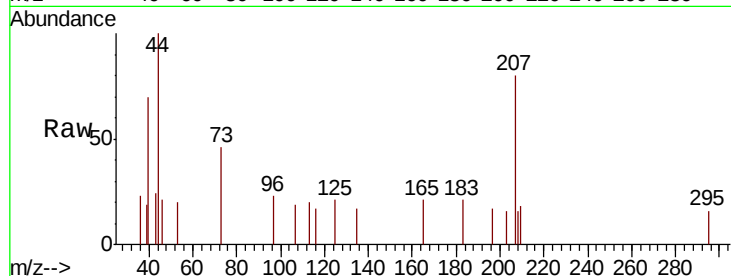
Tot Ion: 97 Resp: 231

Ion Ratio Lower Upper

97 100

99 0.0 52.6 78.8#

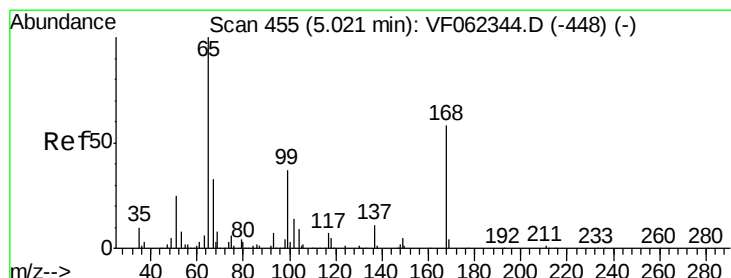
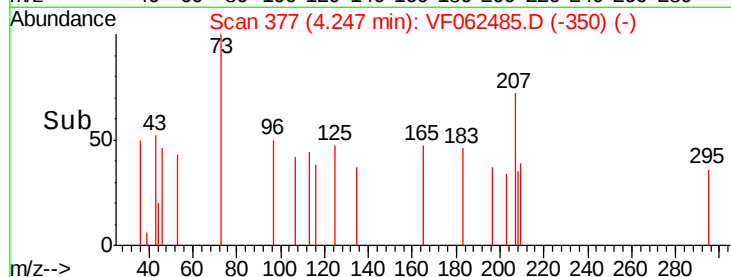
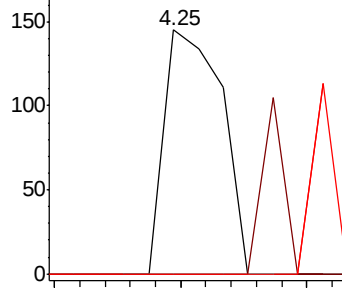
61 0.0 39.4 59.0#



Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

Ion 60.90 (60.60 to 61.60): VF0



#33

1,2-Dichloroethane-d4

Concen: 9.435 ug/l

RT: 5.05 min Scan# 458

Delta R.T. 0.02 min

Lab File: VF062485.D

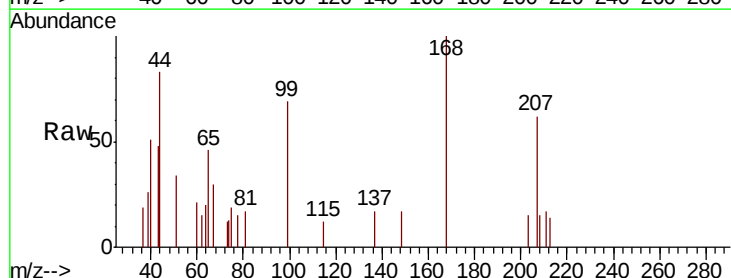
Acq: 12 May 2019 4:19

Tgt Ion: 65 Resp: 839

Ion Ratio Lower Upper

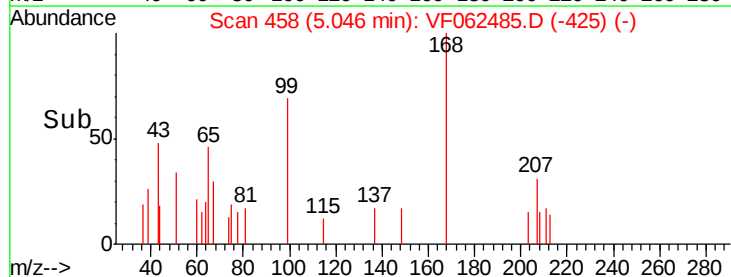
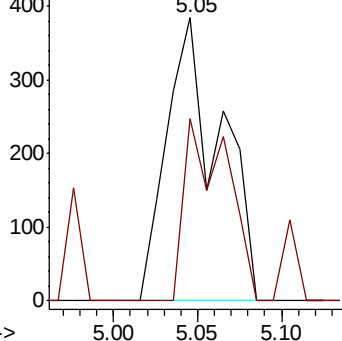
65 100

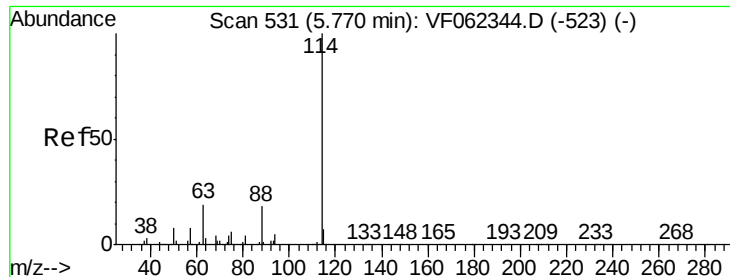
67 51.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.79 min Scan# 534

Delta R.T. 0.02 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

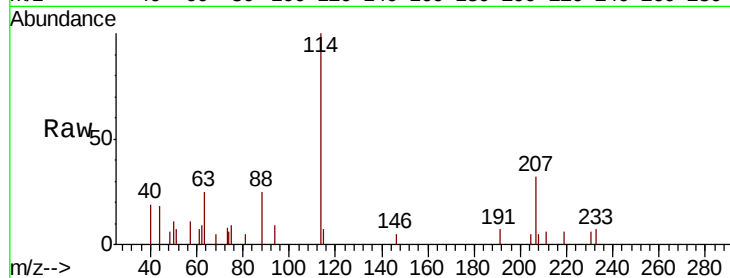
Tot Ion:114 Resp: 5659

Ion Ratio Lower Upper

114 100

63 25.1 0.0 37.4

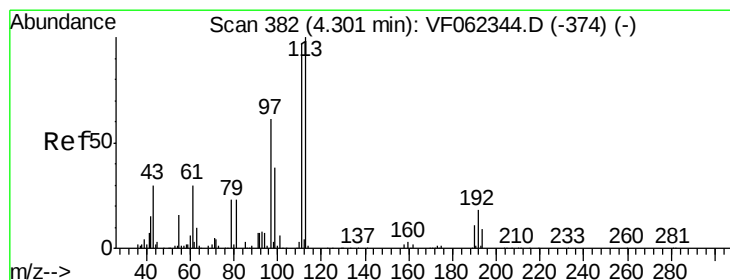
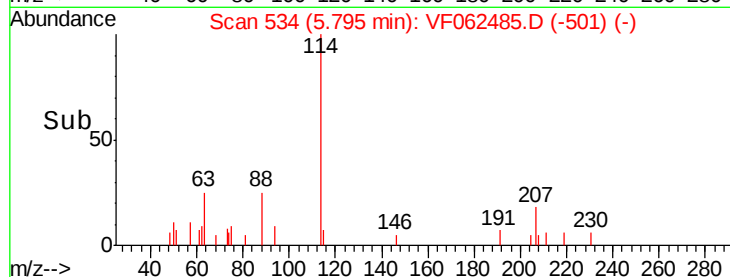
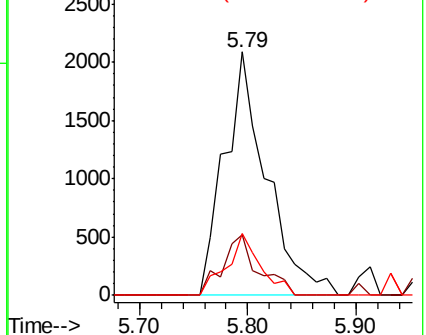
88 25.2 0.0 36.4



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



#35

Dibromofluoromethane

Concen: 27.149 ug/l

RT: 4.32 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

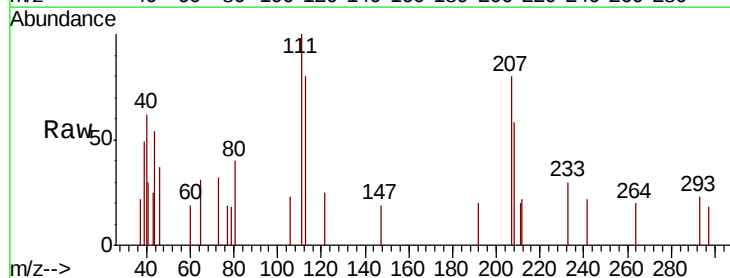
Tgt Ion:113 Resp: 1224

Ion Ratio Lower Upper

113 100

111 159.7 79.4 119.0#

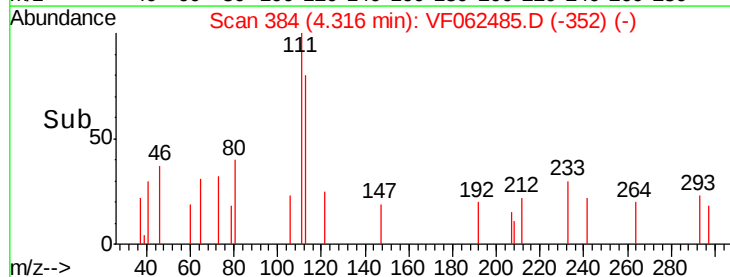
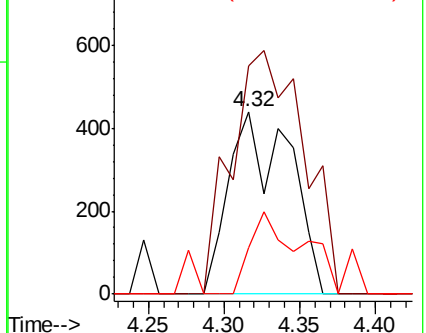
192 43.7 16.0 24.0#

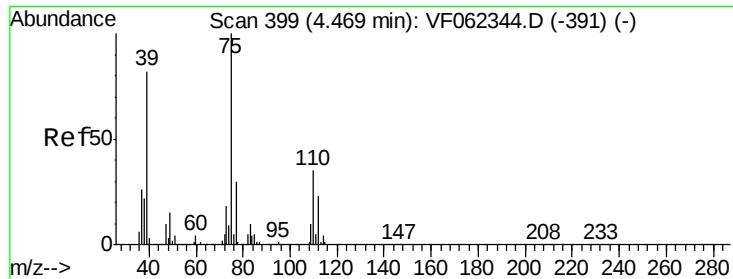


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 1.810 ug/l

RT: 4.50 min Scan# 403

Delta R.T. 0.03 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

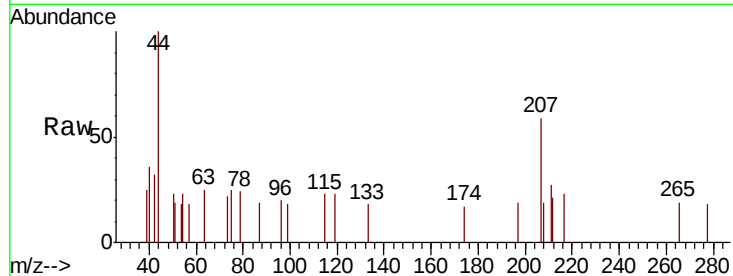
Tot Ion: 75 Resp: 88

Ion Ratio Lower Upper

75 100

110 0.0 17.2 51.5#

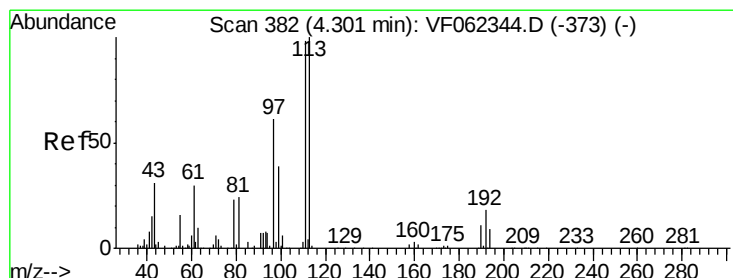
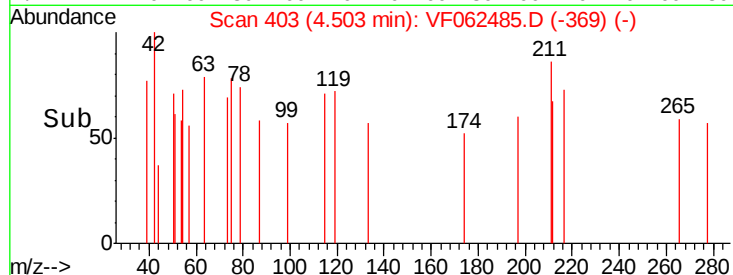
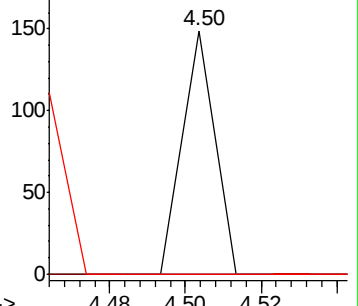
77 0.0 25.2 37.8#



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: 17.434 ug/l

RT: 4.35 min Scan# 387

Delta R.T. 0.04 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

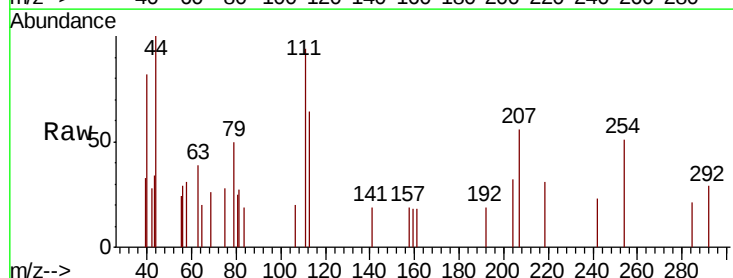
Tgt Ion: 43 Resp: 395

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

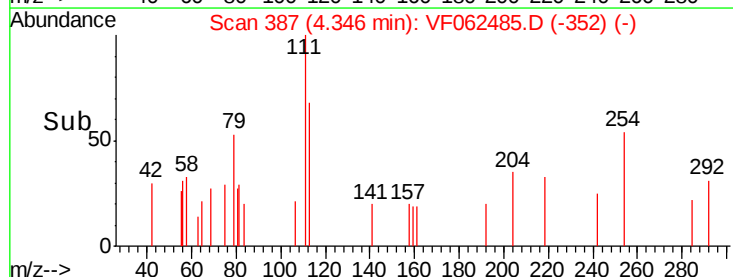
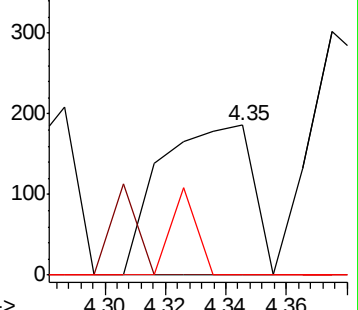
70 16.2 8.2 12.2#

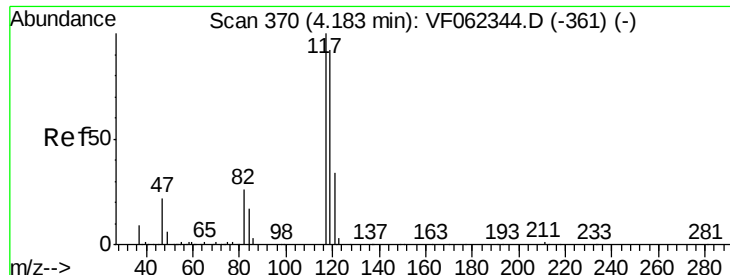


Abundance Ion 43.00 (42.70 to 43.70): VF0

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: 4.40 min Scan# 393

Delta R.T. 0.22 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

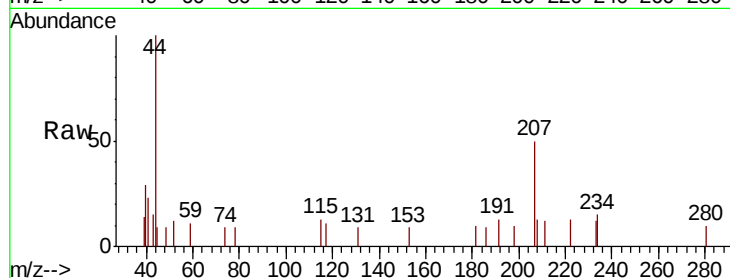
Tot Ion:117 Resp: 73

Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

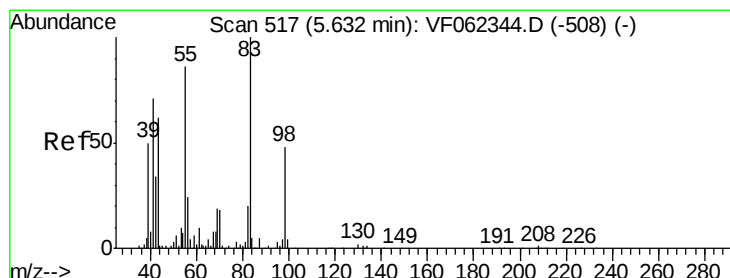
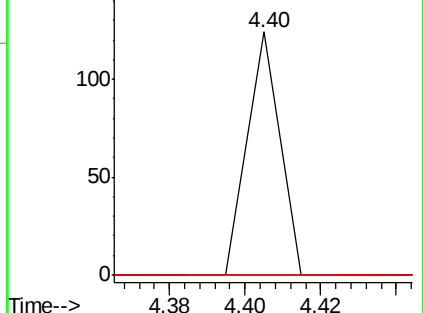
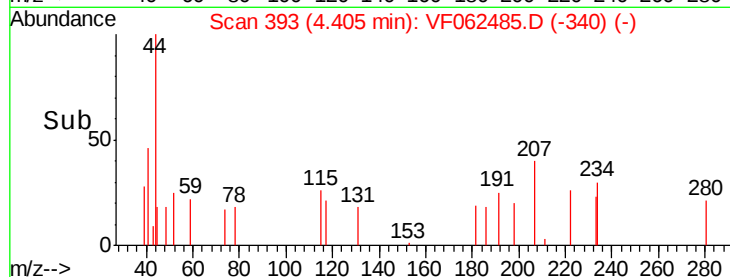
121 0.0 27.4 41.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.497 ug/l

RT: 5.65 min Scan# 519

Delta R.T. 0.01 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

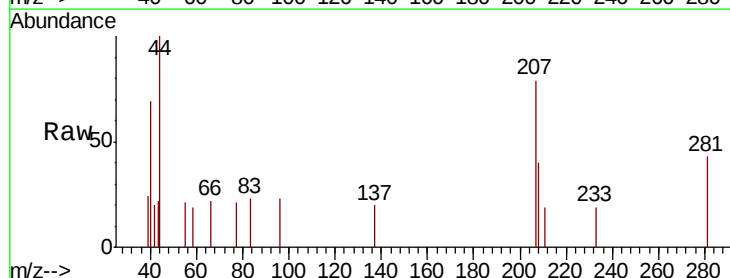
Tgt Ion: 83 Resp: 73

Ion Ratio Lower Upper

83 100

55 91.1 69.0 103.6

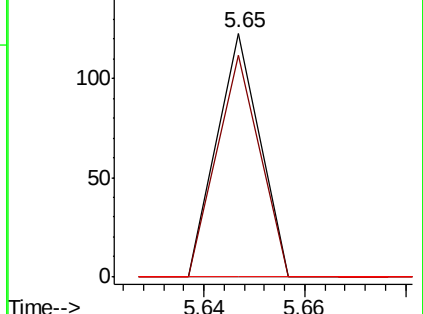
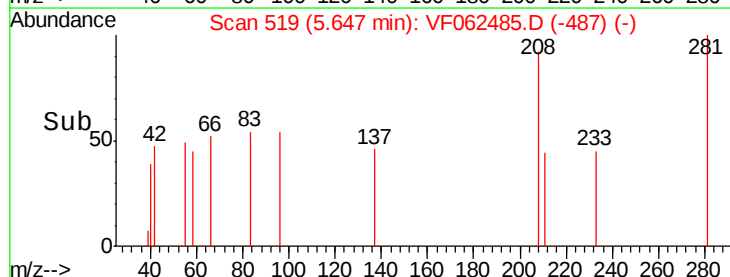
98 0.0 38.6 58.0#

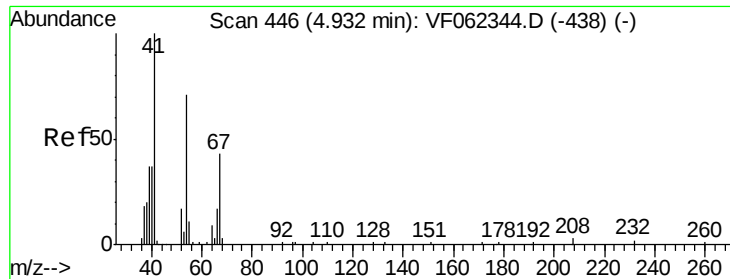


Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

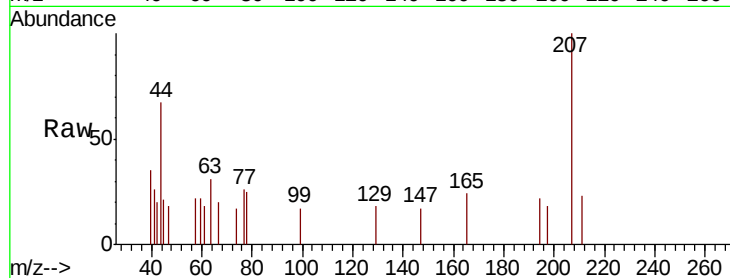




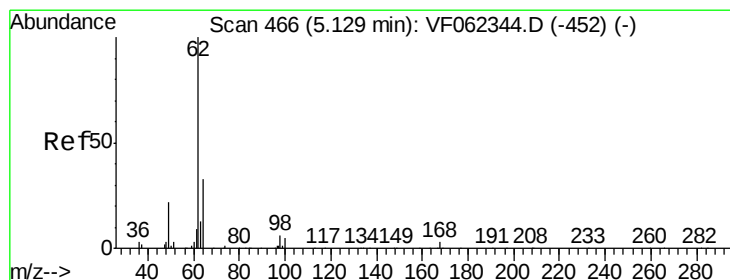
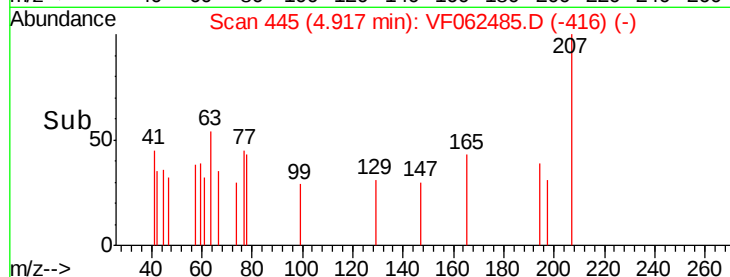
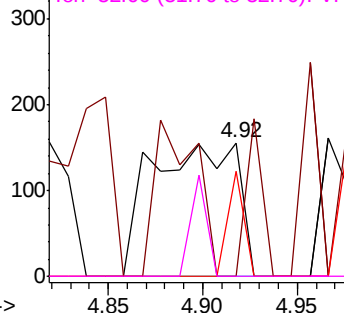
#41
Methacrylonitrile
Concen: 41.951 ug/l
RT: 4.92 min Scan# 445
Delta R.T. -0.01 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0206-01

Tot Ion:	41	Resp:	489
Ion	Ratio	Lower	Upper
41	100		
39	22.1	54.3	81.5#
67	14.7	37.8	56.8#
52	0.0	58.2	87.4#

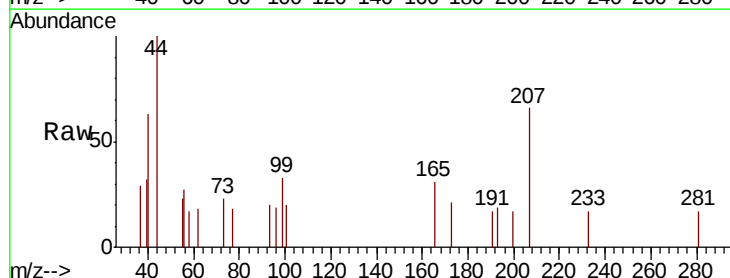


Abundance Ion 41.00 (40.70 to 41.70): VF0
Ion 39.00 (38.70 to 39.70): VF0
Ion 67.00 (66.70 to 67.70): VF0
Ion 52.00 (51.70 to 52.70): VF0

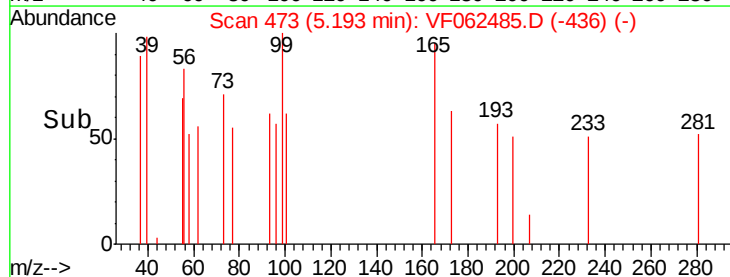
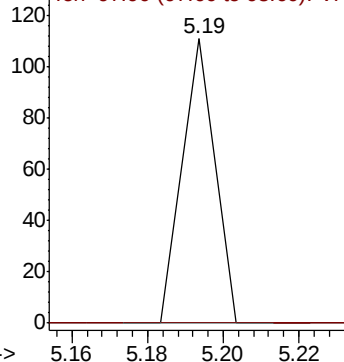


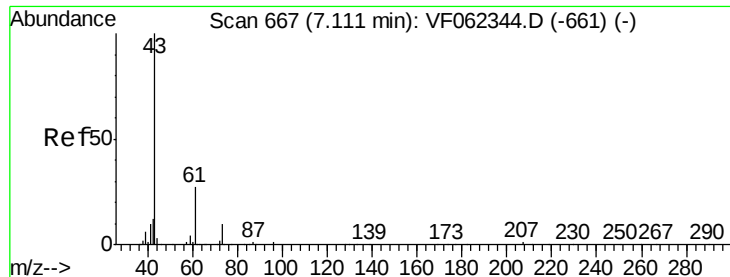
#42
1,2-Dichloroethane
Concen: 1.474 ug/l
RT: 5.19 min Scan# 473
Delta R.T. 0.06 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

Tgt Ion:	62	Resp:	66
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	12.4



Abundance Ion 61.90 (61.60 to 62.60): VF0
Ion 97.90 (97.60 to 98.60): VF0





#43

Isopropyl Acetate

Concen: 26.412 ug/l

RT: 7.15 min Scan# 671

Delta R.T. 0.03 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

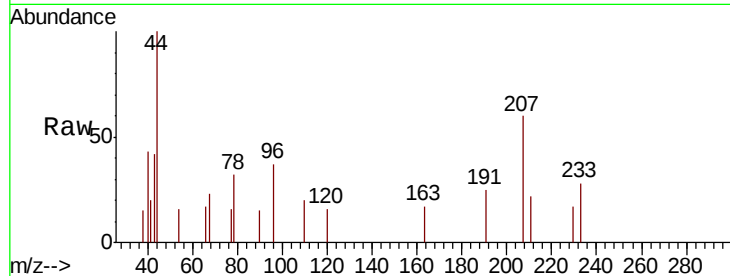
Tot Ion: 43 Resp: 584

Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

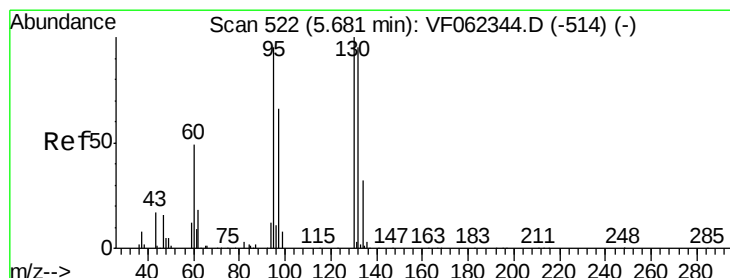
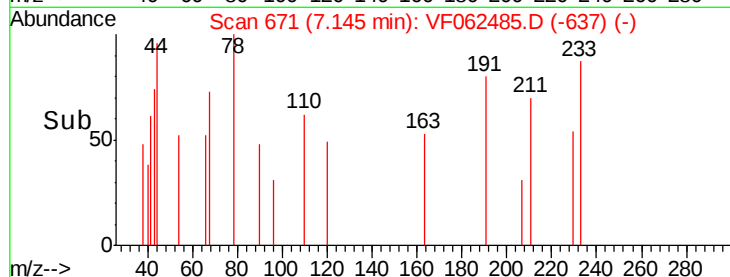
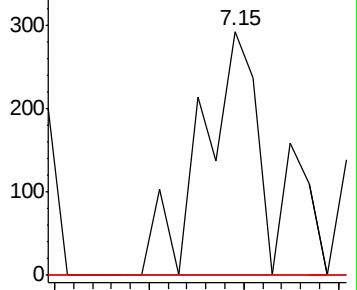
87 0.0 0.6 1.0#



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



#44

Trichloroethene

Concen: 2.009 ug/l

RT: 5.68 min Scan# 522

Delta R.T. -0.01 min

Lab File: VF062485.D

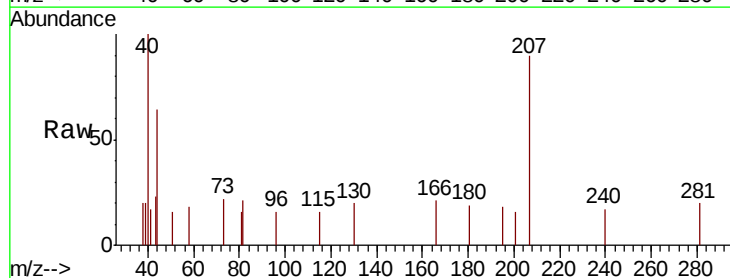
Acq: 12 May 2019 4:19

Tgt Ion: 130 Resp: 79

Ion Ratio Lower Upper

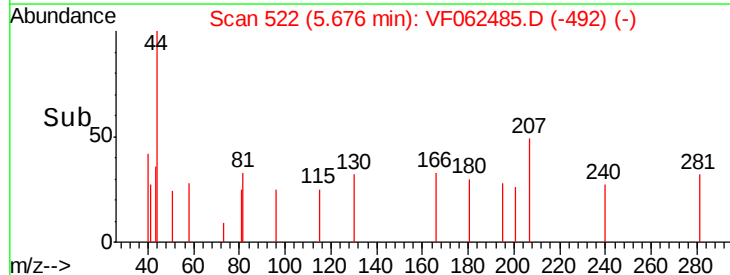
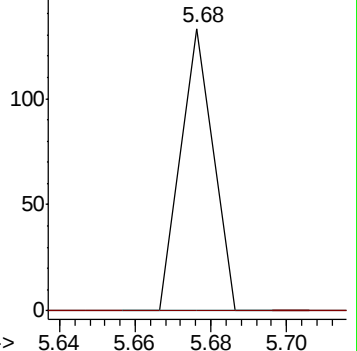
130 100

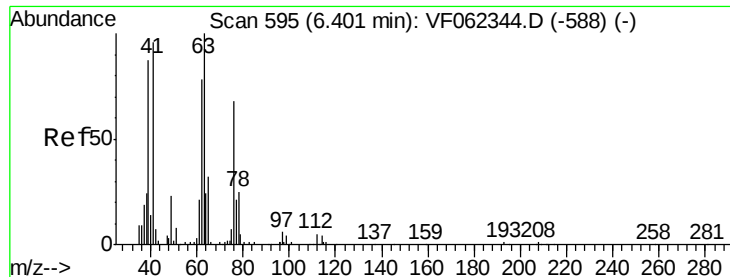
95 0.0 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 3.794 ug/l

RT: 6.34 min Scan# 589

Delta R.T. -0.06 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

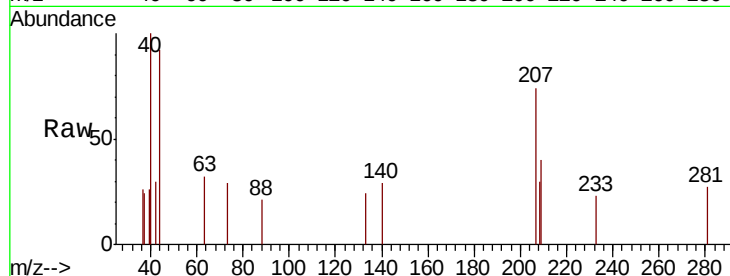
P021-SS005-0206-01

Tot Ion: 63 Resp: 92

Ion Ratio Lower Upper

63 100

65 0.0 25.6 38.4#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 64.90 (64.60 to 65.60): VF0

6.34

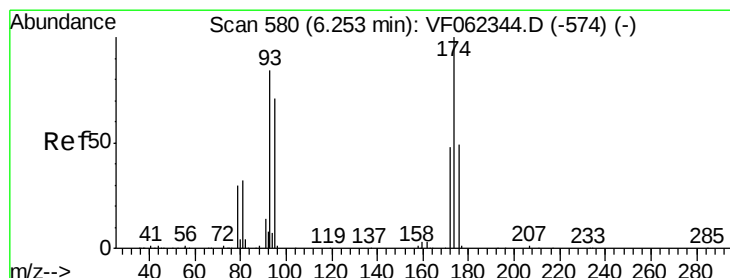
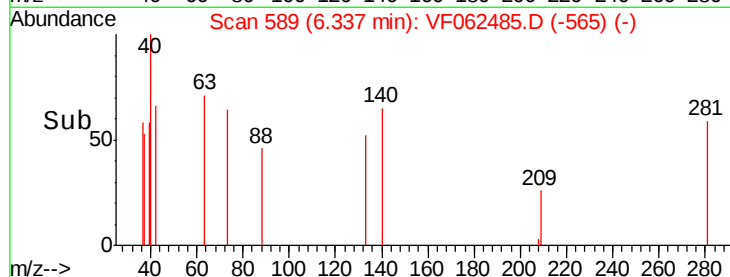
150

100

50

0

Time-->



#46

Dibromomethane

Concen: 3.283 ug/l

RT: 6.07 min Scan# 562

Delta R.T. -0.18 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

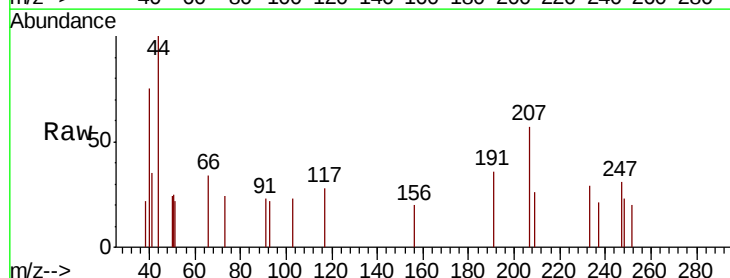
Tgt Ion: 93 Resp: 66

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

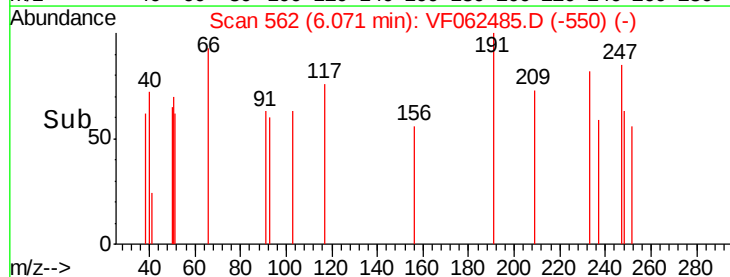
150

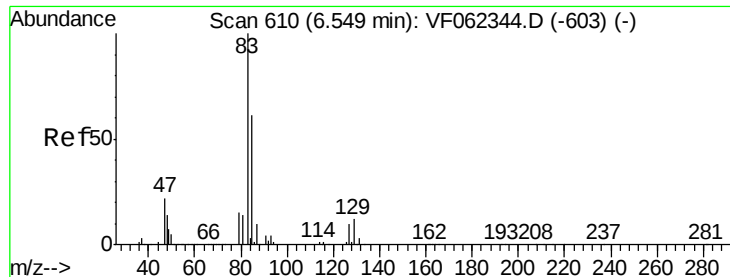
100

50

0

Time-->





#47

Bromodichloromethane

Concen: 1.253 ug/l

RT: 6.48 min Scan# 604

Delta R.T. -0.06 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

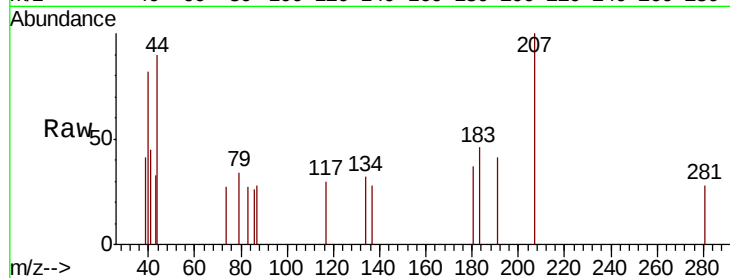
Tot Ion: 83 Resp: 63

Ion Ratio Lower Upper

83 100

85 0.0 49.1 73.7#

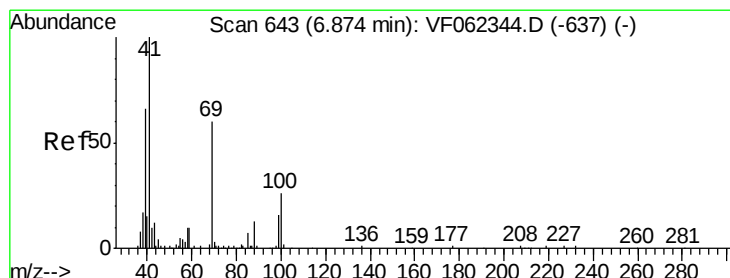
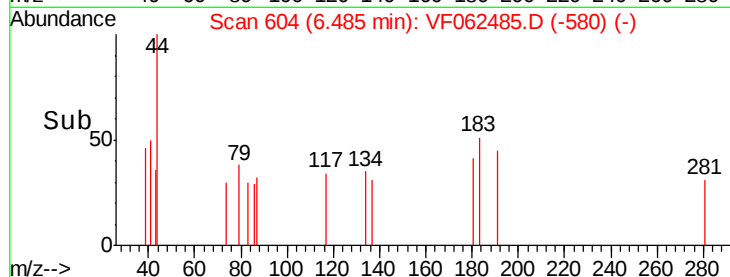
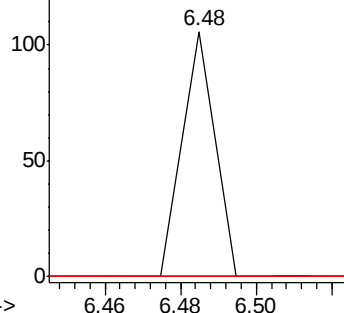
127 0.0 7.8 11.8#



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

Methyl methacrylate

Concen: 10.239 ug/l

RT: 6.92 min Scan# 648

Delta R.T. 0.04 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

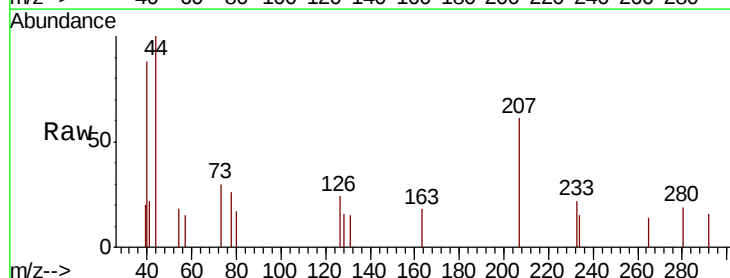
Tgt Ion: 41 Resp: 160

Ion Ratio Lower Upper

41 100

69 0.0 48.6 72.8#

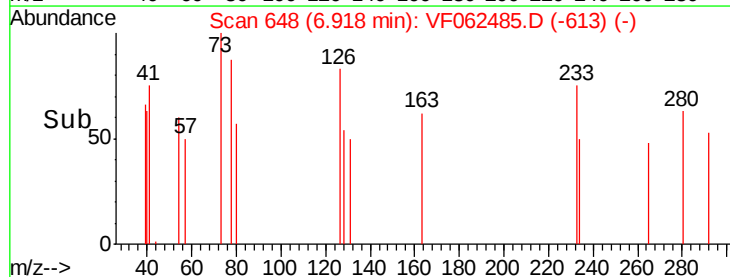
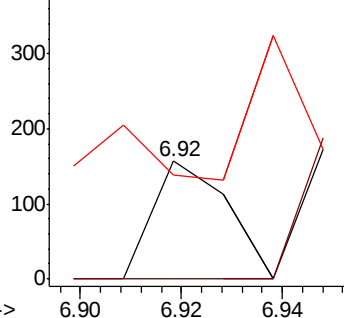
39 0.0 56.1 84.1#

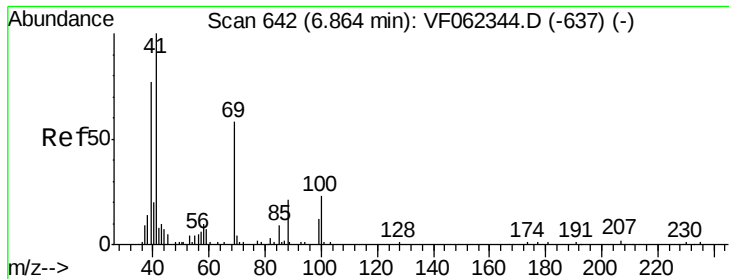


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

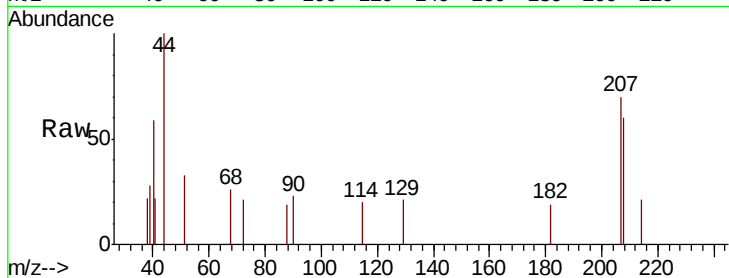




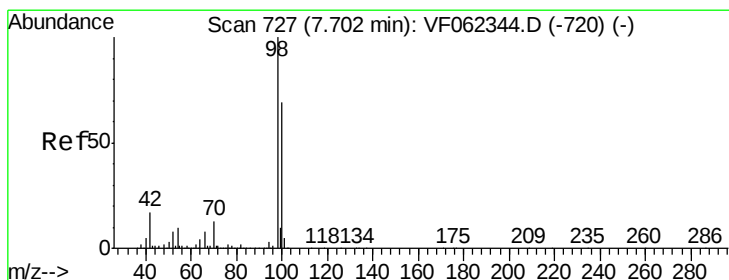
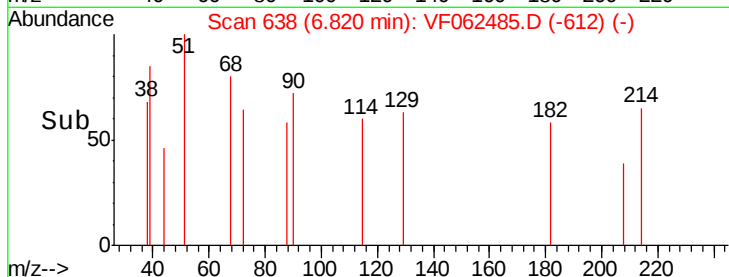
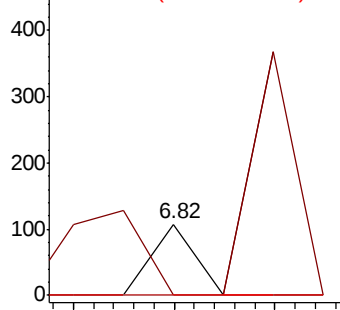
#49
1,4-Dioxane
Concen: 383.960 ug/l
RT: 6.82 min Scan# 638
Delta R.T. -0.04 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0206-01

Tot Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 222.2 55.6 83.4#
58 0.0 52.8 79.2#

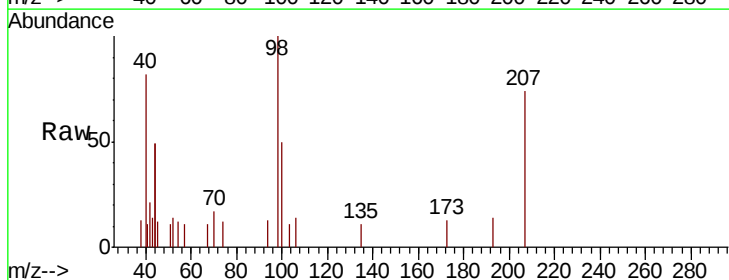


Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

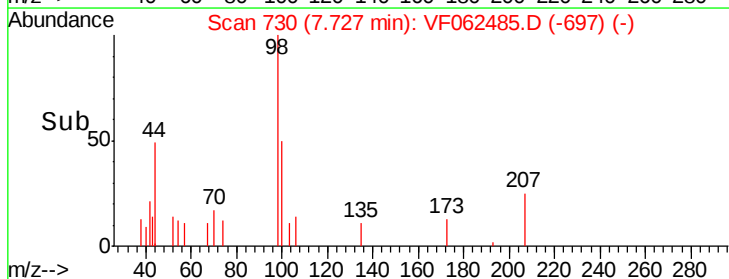
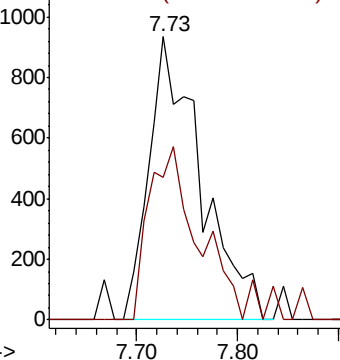


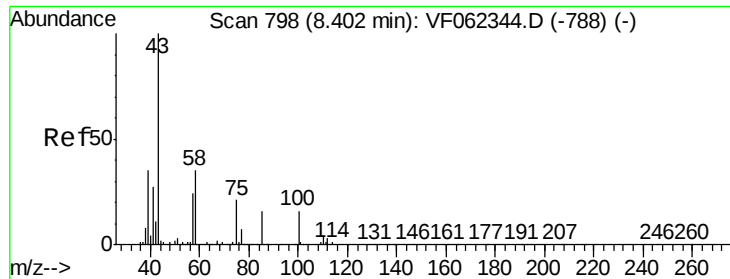
#50
Toluene-d8
Concen: 30.834 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

Tgt Ion: 98 Resp: 3365
Ion Ratio Lower Upper
98 100
100 57.2 53.3 79.9



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: 12.474 ug/l

RT: 8.49 min Scan# 807

Delta R.T. 0.08 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

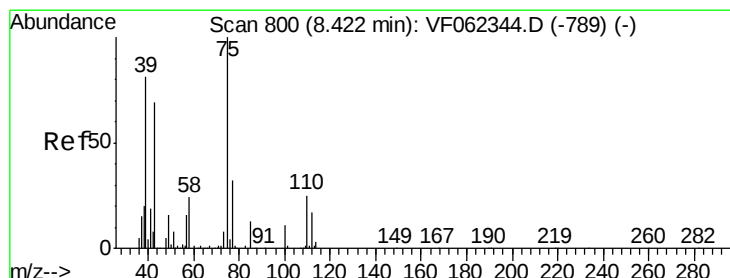
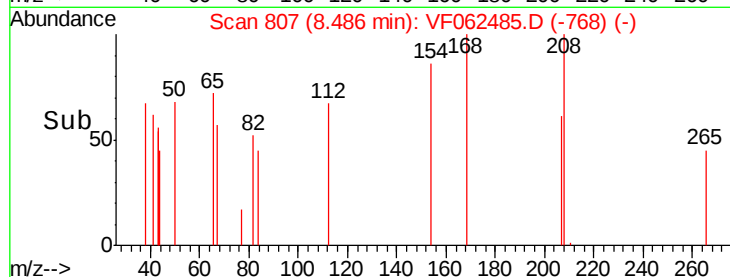
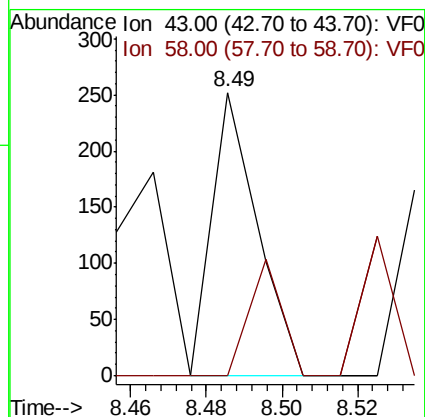
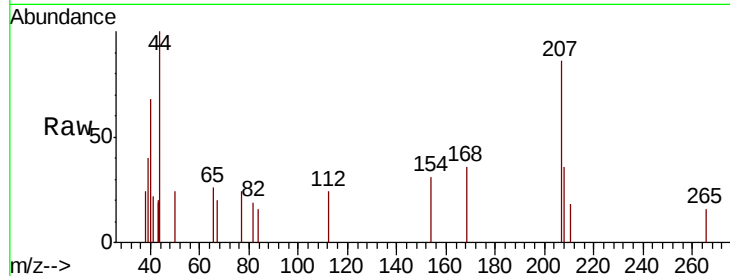
P021-SS005-0206-01

Tot Ion: 43 Resp: 209

Ion Ratio Lower Upper

43 100

58 29.2 27.8 41.6



#53

t-1,3-Dichloropropene

Concen: 1.894 ug/l

RT: 8.46 min Scan# 804

Delta R.T. 0.03 min

Lab File: VF062485.D

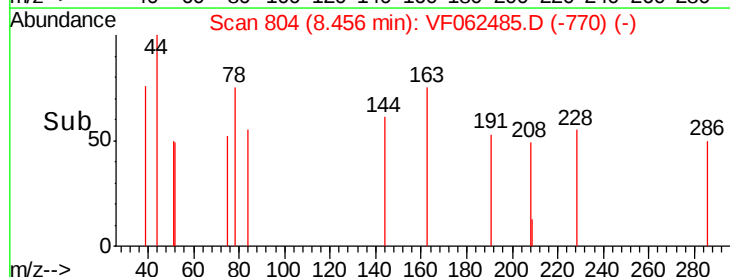
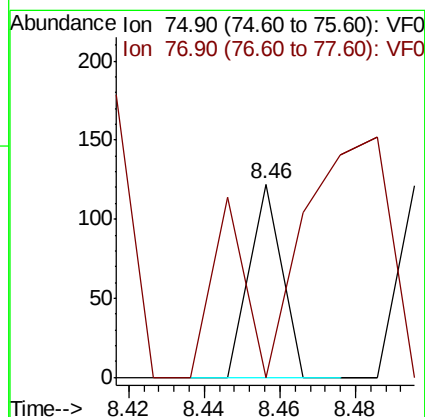
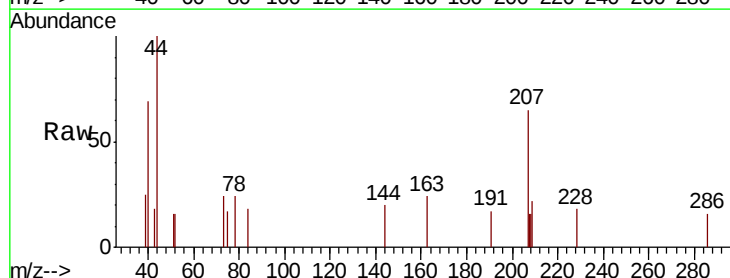
Acq: 12 May 2019 4:19

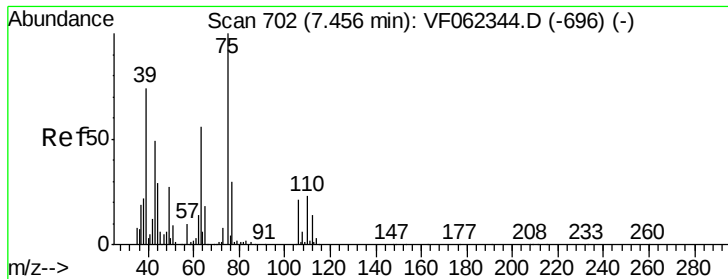
Tgt Ion: 75 Resp: 72

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#





#54

cis-1,3-Dichloropropene

Concen: 2.509 ug/l

RT: 7.48 min Scan# 705

Delta R.T. 0.02 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

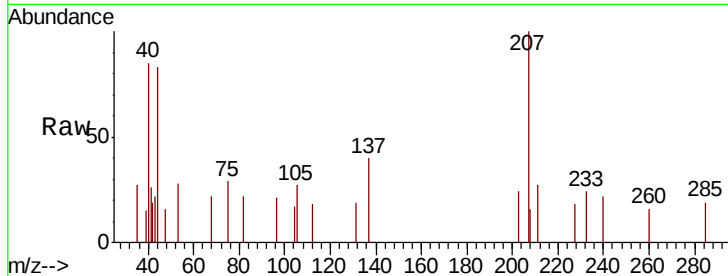
Tot Ion: 75 Resp: 111

Ion Ratio Lower Upper

75 100

77 0.0 24.0 36.0#

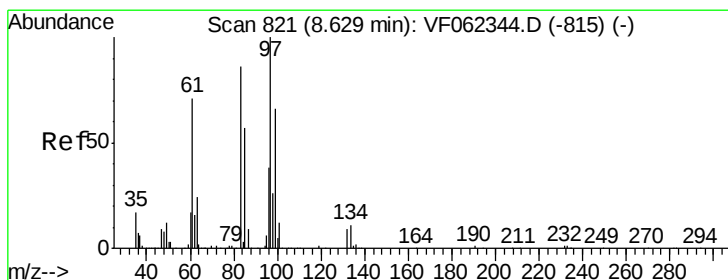
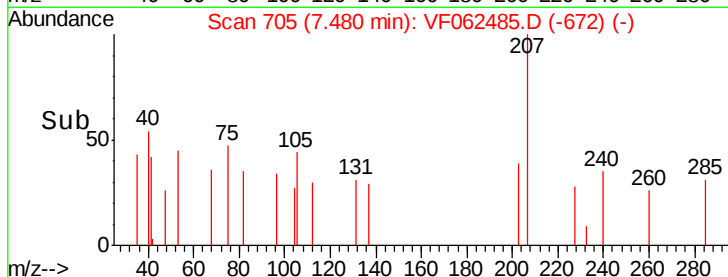
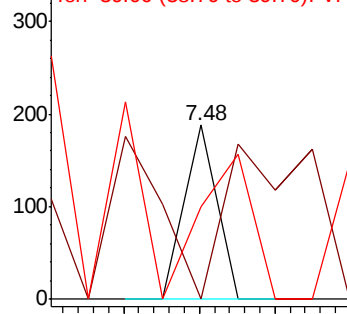
39 53.2 58.7 88.1#



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



#55

1,1,2-Trichloroethane

Concen: 5.963 ug/l

RT: 8.62 min Scan# 821

Delta R.T. -0.01 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Tgt Ion: 97 Resp: 125

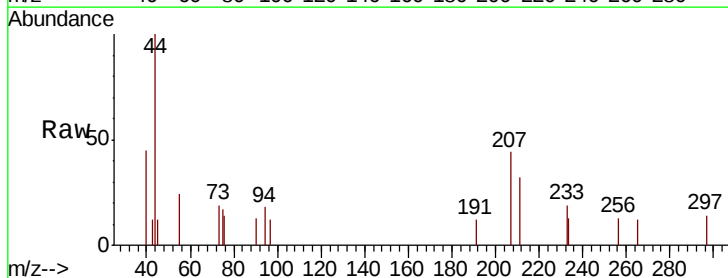
Ion Ratio Lower Upper

97 100

83 0.0 68.5 102.7#

85 0.0 45.4 68.2#

99 0.0 52.7 79.1#

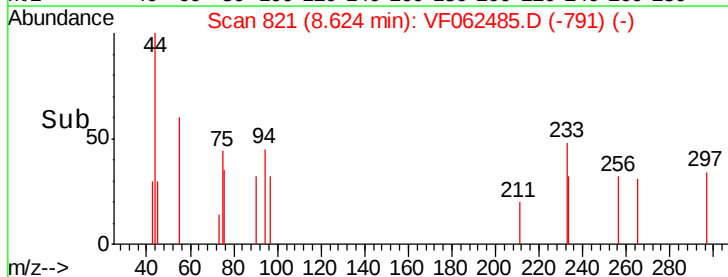
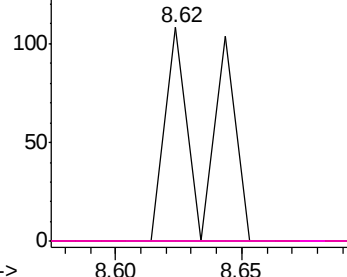


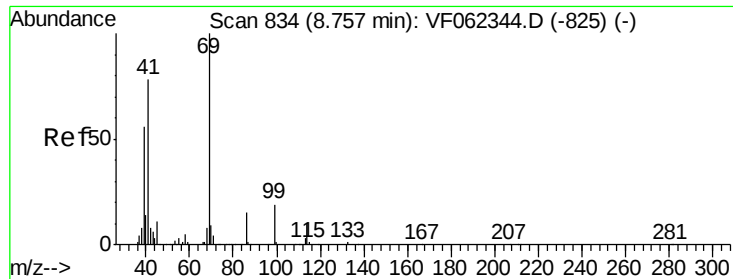
Abundance Ion 96.90 (96.60 to 97.60): VF0

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





#56

Ethyl methacrylate

Concen: 3.434 ug/l

RT: 8.79 min Scan# 838

Delta R.T. 0.03 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

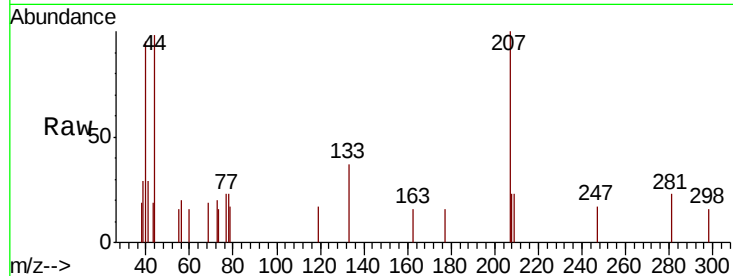
Tot Ion: 69 Resp: 76

Ion Ratio Lower Upper

69 100

41 0.0 66.3 99.5#

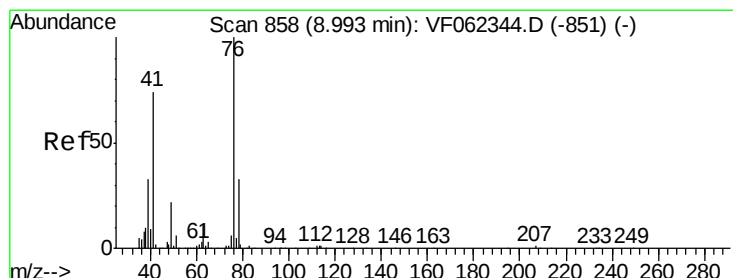
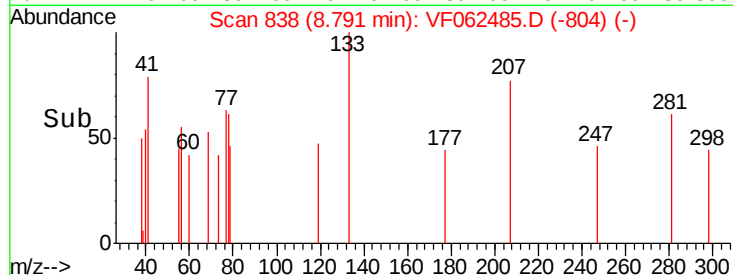
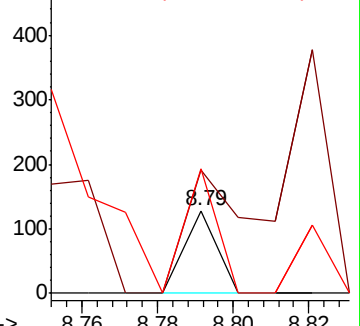
39 0.0 50.1 75.1#



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: 1.958 ug/l

RT: 8.95 min Scan# 854

Delta R.T. -0.04 min

Lab File: VF062485.D

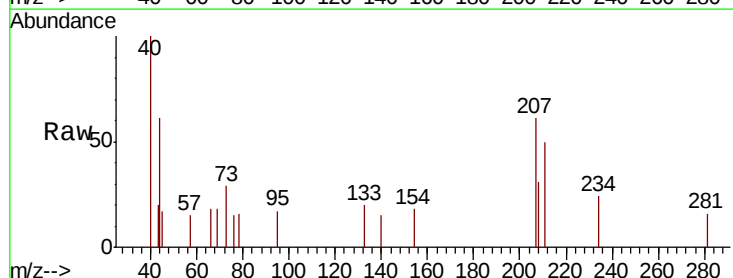
Acq: 12 May 2019 4:19

Tgt Ion: 76 Resp: 62

Ion Ratio Lower Upper

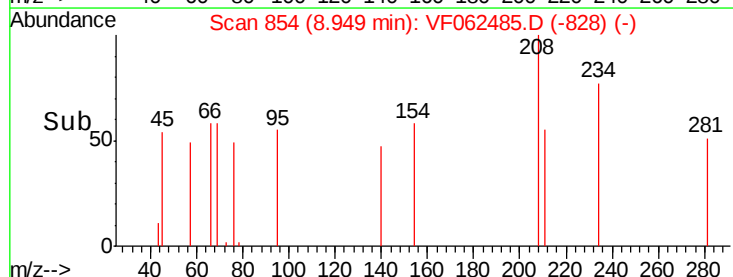
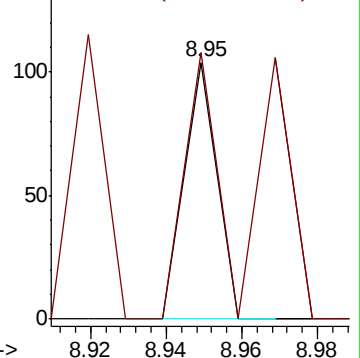
76 100

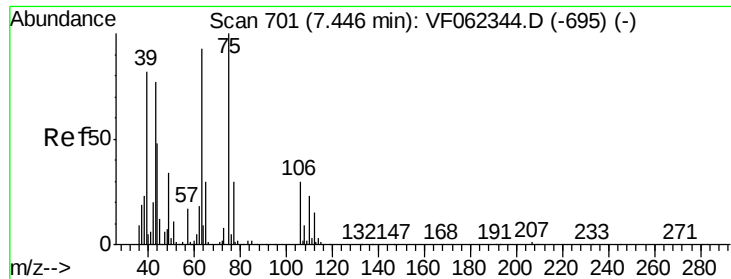
78 204.8 26.4 39.6#



Abundance Ion 75.90 (75.60 to 76.60): VF0

Ion 77.90 (77.60 to 78.60): VF0

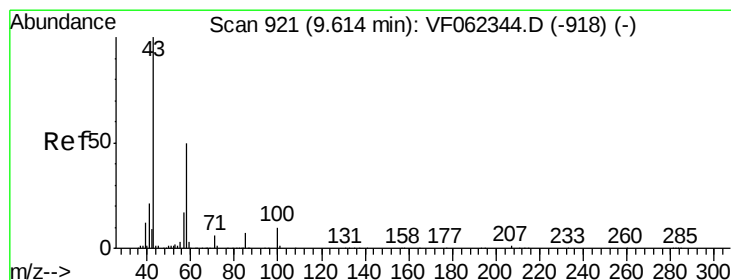
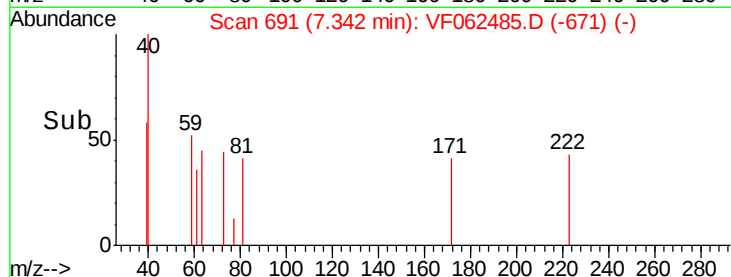
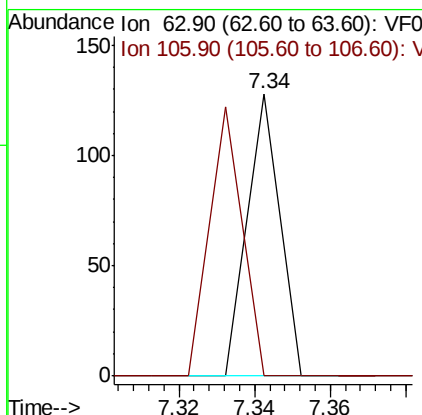
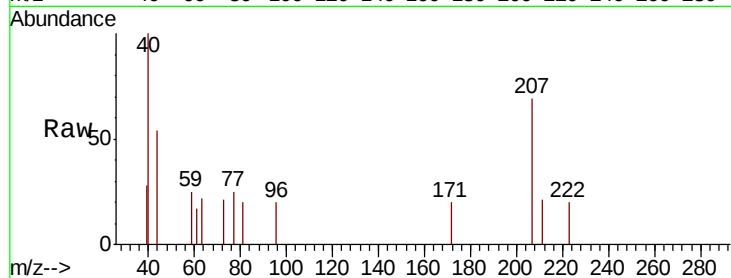




#58
2-Chloroethyl Vinyl ether
Concen: 11.423 ug/l
RT: 7.34 min Scan# 691
Delta R.T. -0.10 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

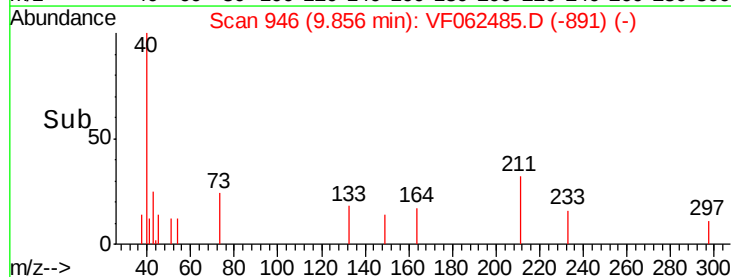
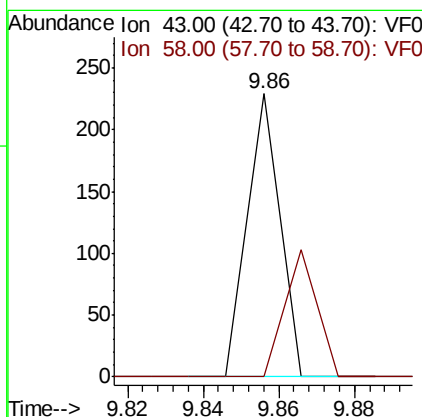
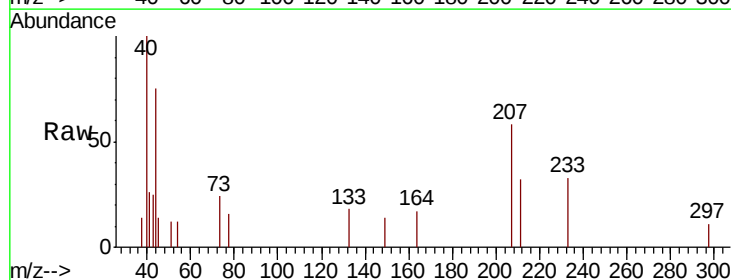
Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0206-01

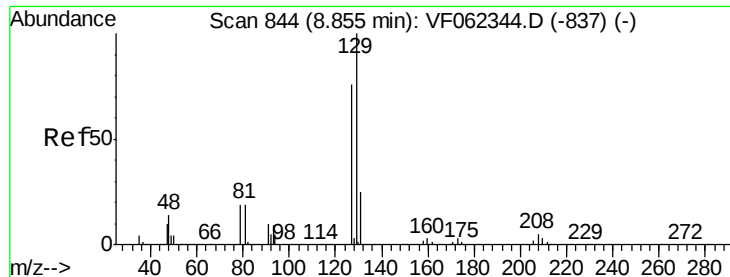
Tot Ion: 63 Resp: 76
Ion Ratio Lower Upper
63 100
106 94.7 25.8 38.8#



#59
2-Hexanone
Concen: 11.650 ug/l
RT: 9.86 min Scan# 946
Delta R.T. 0.24 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

Tgt Ion: 43 Resp: 135
Ion Ratio Lower Upper
43 100
58 45.2 24.3 73.0





#60

Dibromochloromethane

Concen: 2.362 ug/l

RT: 9.01 min Scan# 860

Delta R.T. 0.15 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

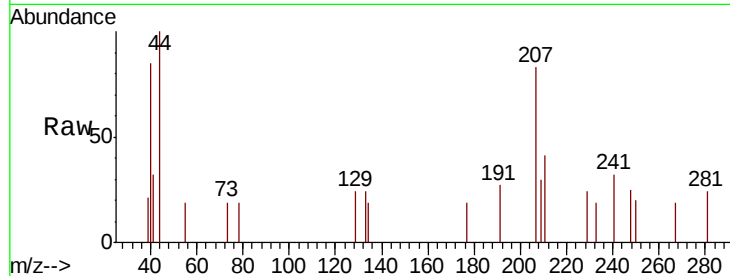
P021-SS005-0206-01

Tot Ion:129 Resp: 81

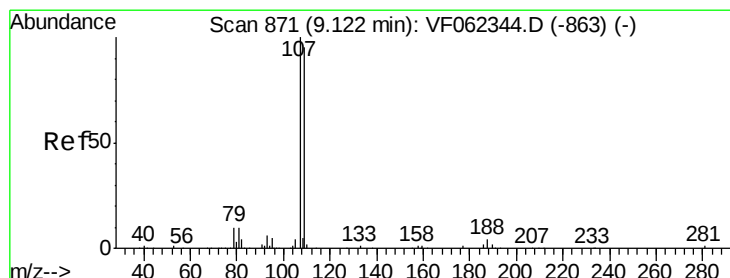
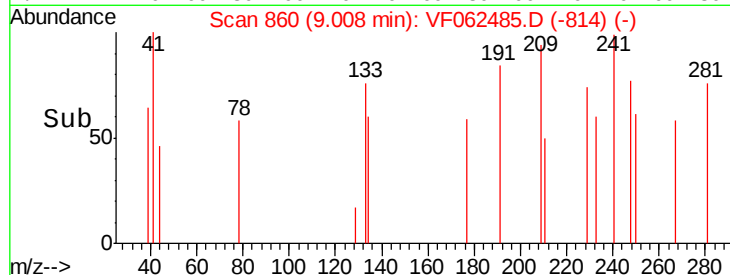
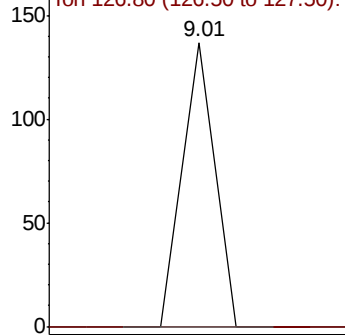
Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#



Abundance Ion 128.80 (128.50 to 129.50): V



#61

1,2-Dibromoethane

Concen: 2.882 ug/l

RT: 9.21 min Scan# 880

Delta R.T. 0.08 min

Lab File: VF062485.D

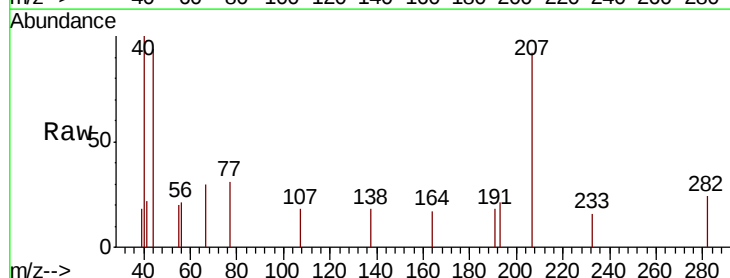
Acq: 12 May 2019 4:19

Tgt Ion:107 Resp: 71

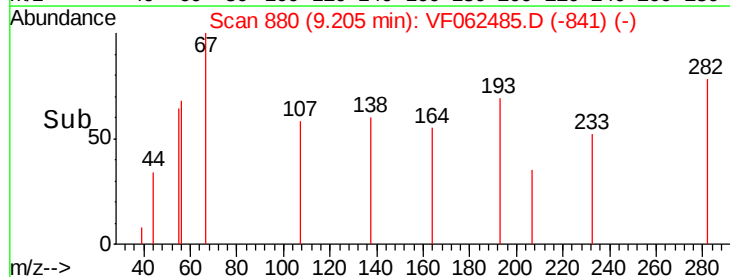
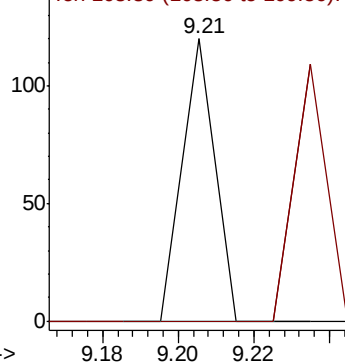
Ion Ratio Lower Upper

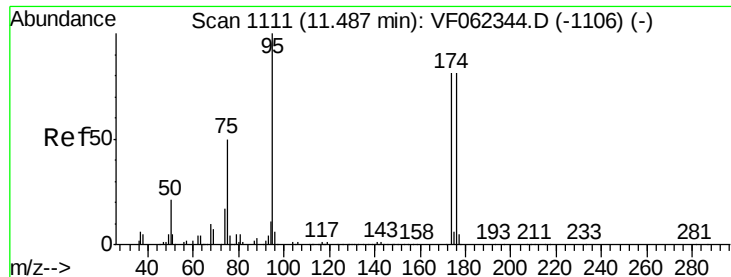
107 100

109 0.0 75.2 112.8#



Abundance Ion 106.90 (106.60 to 107.60): V

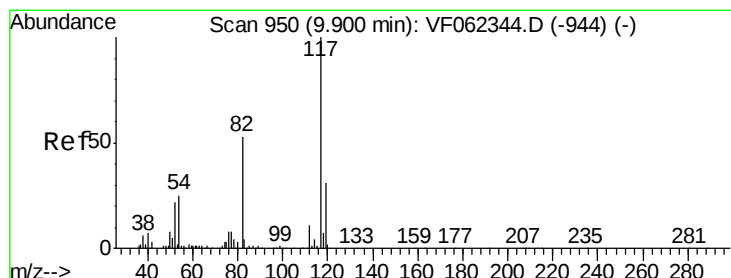
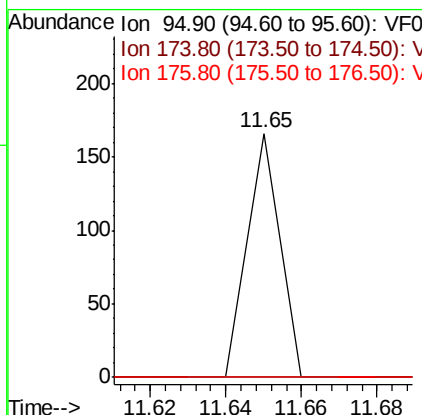
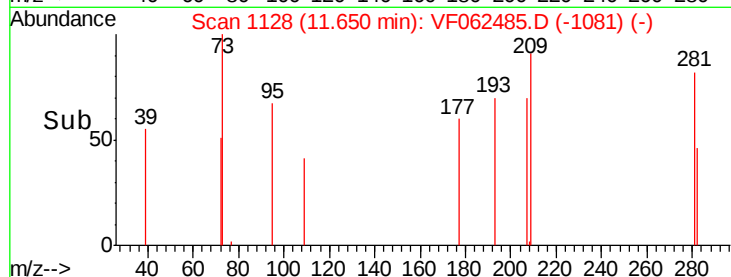
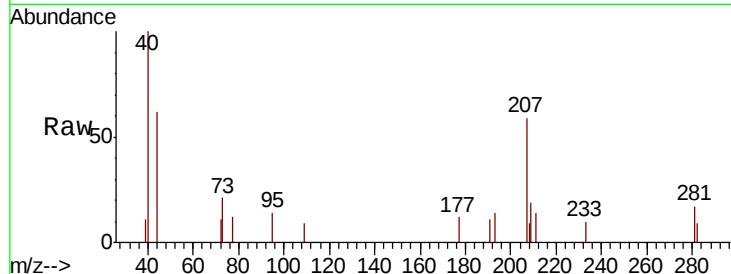




#62
4-Bromofluorobenzene
Concen: 1.990 ug/l
RT: 11.65 min Scan# 1128
Delta R.T. 0.16 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

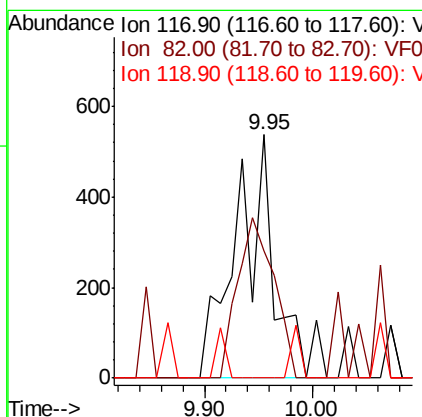
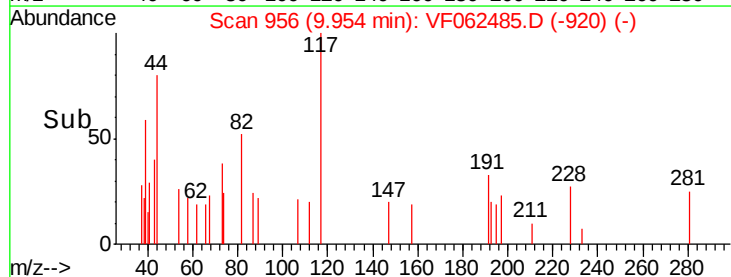
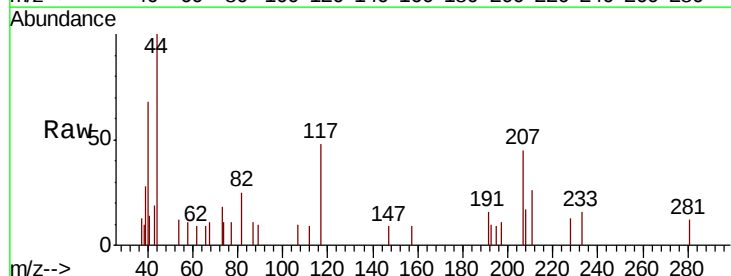
Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0206-01

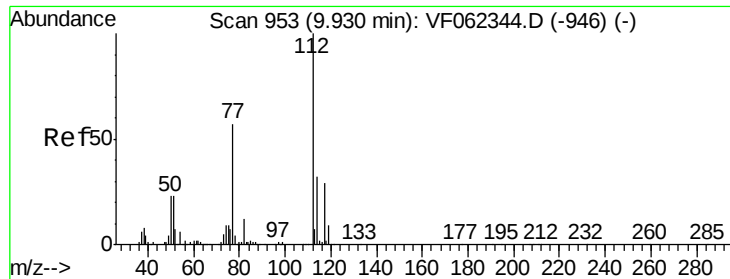
Tot Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	191.8
176	0.0	0.0	193.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.95 min Scan# 956
Delta R.T. 0.05 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.2	63.2
119	0.0	25.0	37.4





#65

Chlorobenzene

Concen: 2.810 ug/l

RT: 9.95 min Scan# 956

Delta R.T. 0.02 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

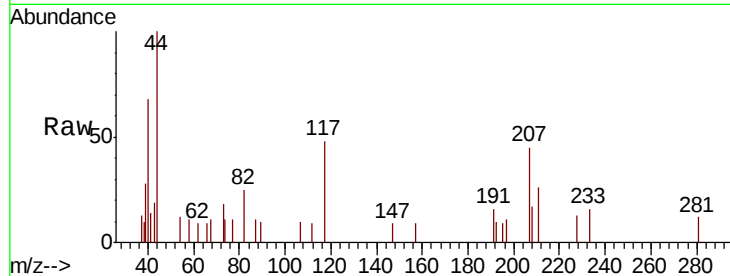
P021-SS005-0206-01

Tot Ion:112 Resp: 63

Ion Ratio Lower Upper

112 100

114 0.0 25.4 38.0#

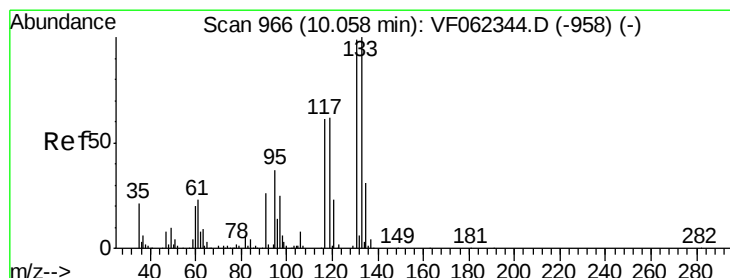
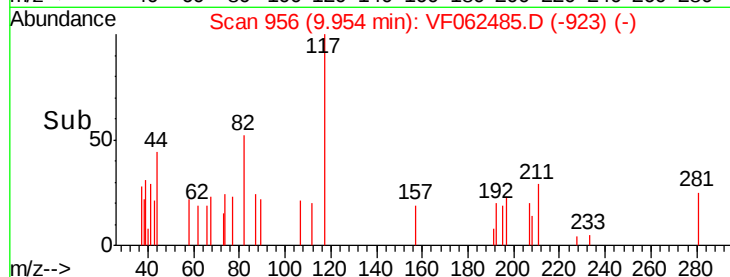


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

9.95

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 5.482 ug/l

RT: 10.13 min Scan# 974

Delta R.T. 0.07 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

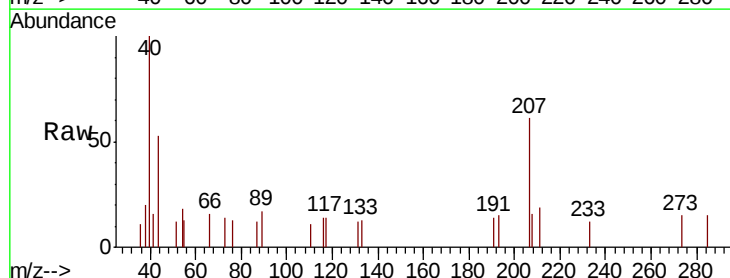
Tgt Ion:131 Resp: 62

Ion Ratio Lower Upper

131 100

133 359.7 50.2 150.7#

119 154.8 31.6 95.0#



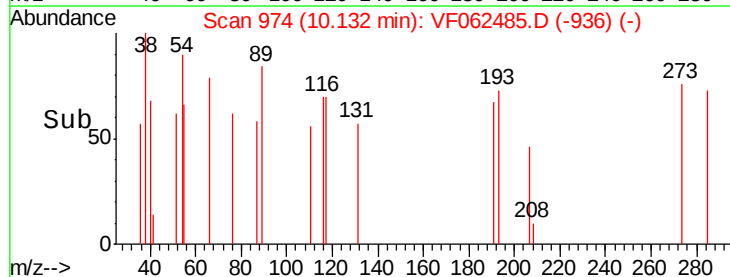
Abundance Ion 130.80 (130.50 to 131.50): V

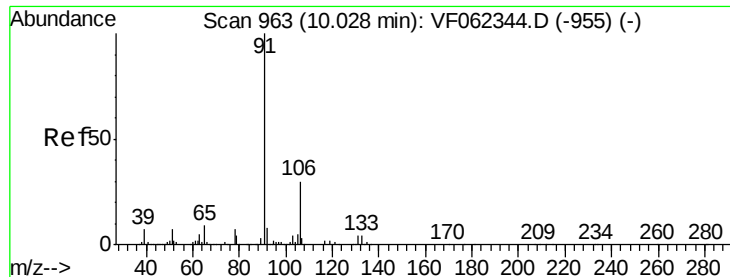
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.13

Time-->





#67

Ethyl Benzene

Concen: 2.420 ug/l

RT: 10.04 min Scan# 965

Delta R.T. 0.01 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

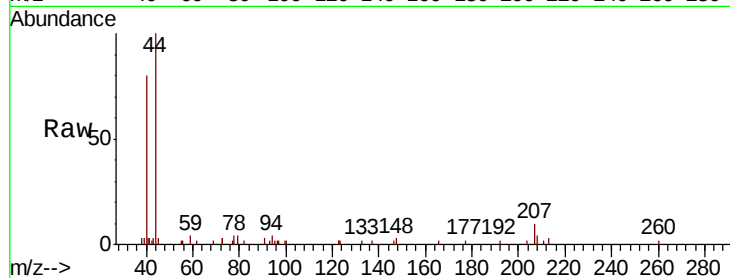
P021-SS005-0206-01

Tot Ion: 91 Resp: 95

Ion Ratio Lower Upper

91 100

106 0.0 24.1 36.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

10.04

150

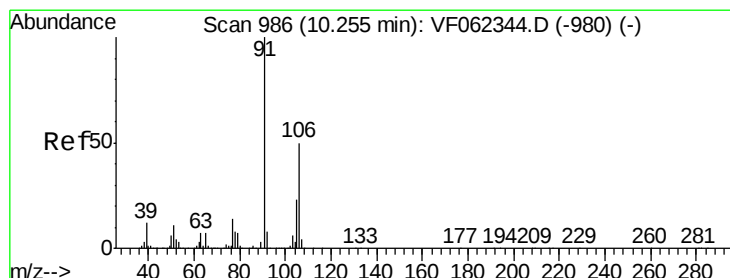
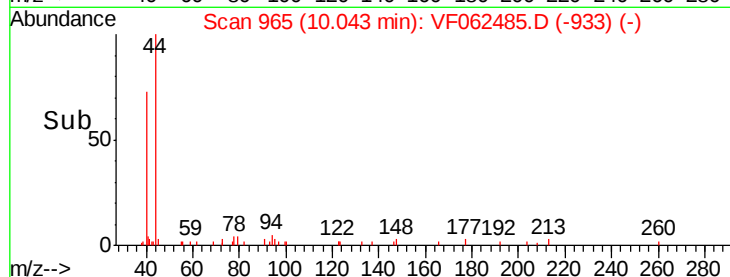
100

50

0

10.03 10.04 10.05

Time-->



#68

m/p-Xylenes

Concen: 4.142 ug/l

RT: 10.28 min Scan# 989

Delta R.T. 0.02 min

Lab File: VF062485.D

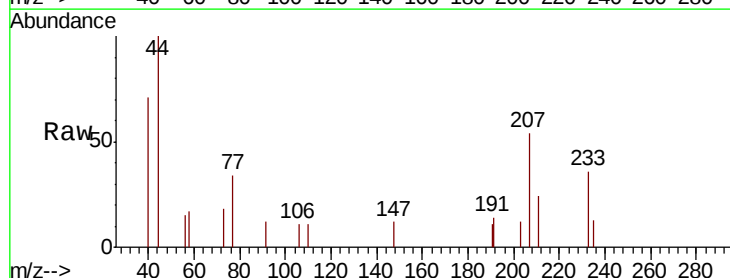
Acq: 12 May 2019 4:19

Tgt Ion: 106 Resp: 60

Ion Ratio Lower Upper

106 100

91 115.0 167.4 251.2#



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VF0

10.28

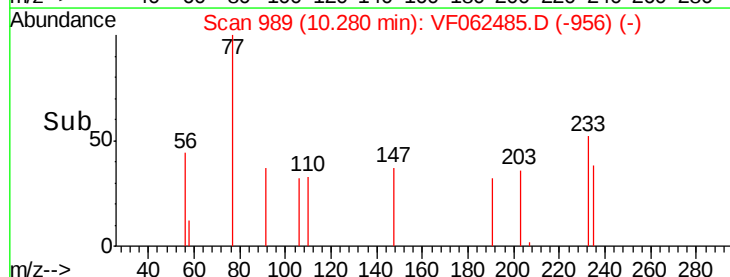
100

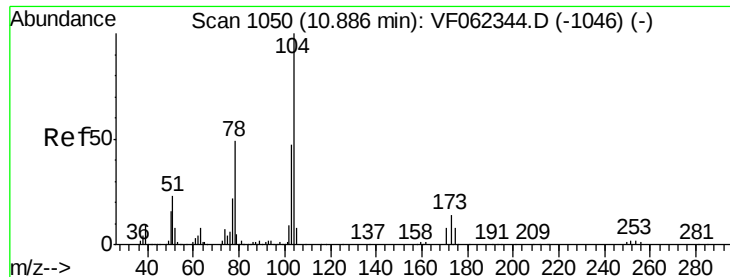
50

0

10.26 10.28 10.30

Time-->





#70

Stvrene

Concen: 3.197 ug/l

RT: 10.83 min Scan# 1045

Delta R.T. -0.05 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

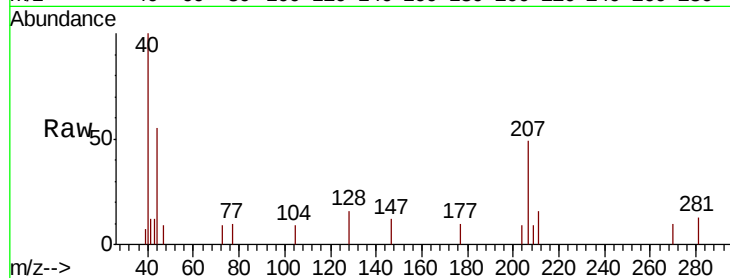
Tot Ion:104 Resp: 75

Ion Ratio Lower Upper

104 100

78 89.3 39.5 59.3#

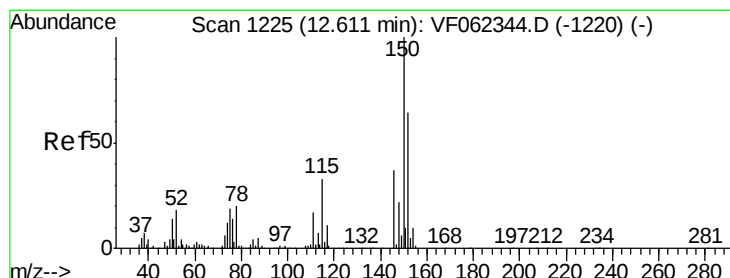
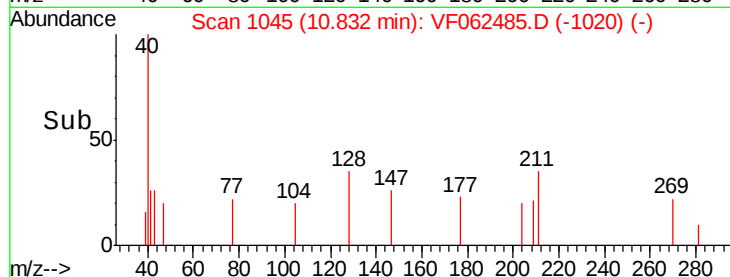
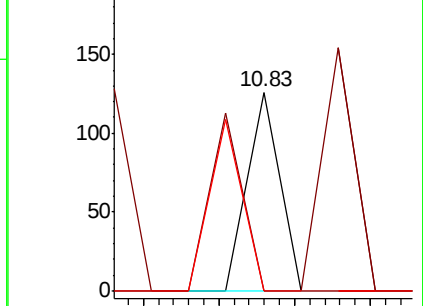
103 85.3 38.4 57.6#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.77 min Scan# 1242

Delta R.T. 0.16 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

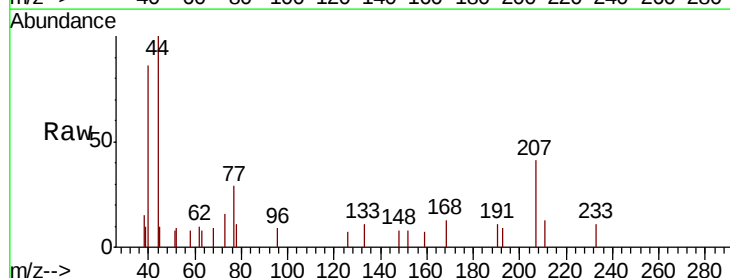
Tgt Ion:152 Resp: 64

Ion Ratio Lower Upper

152 100

115 0.0 26.4 79.2#

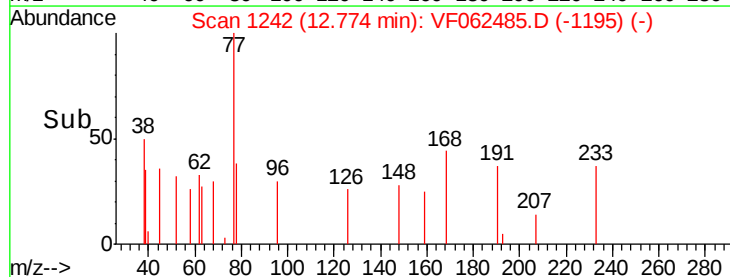
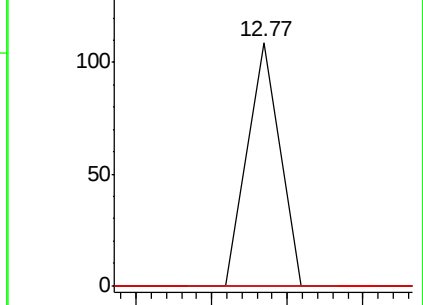
150 0.0 0.0 335.0

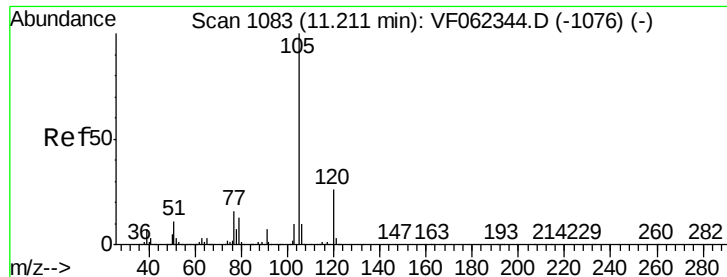


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.666 ug/l

RT: 11.30 min Scan# 1092

Delta R.T. 0.08 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

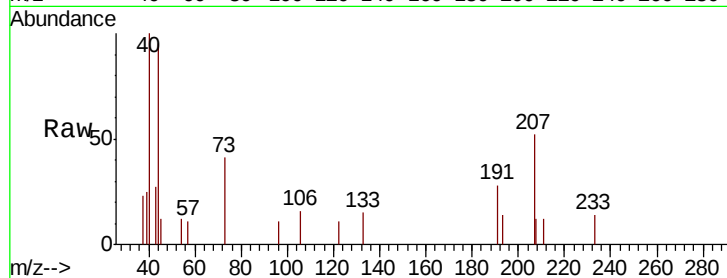
P021-SS005-0206-01

Tot Ion: 105 Resp: 86

Ion Ratio Lower Upper

105 100

120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.30

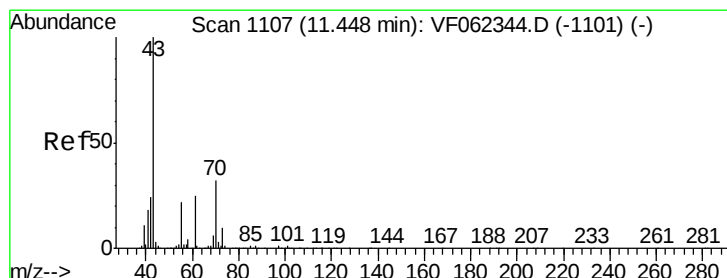
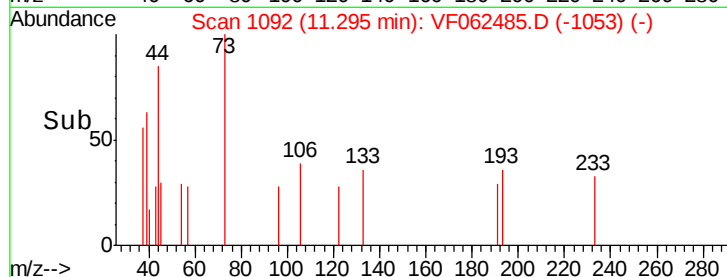
150

100

50

0

Time--> 11.26 11.28 11.30 11.32



#74

N-ethyl acetate

Concen: 324.103 ug/l

RT: 11.42 min Scan# 1105

Delta R.T. -0.02 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Tgt Ion: 43 Resp: 264

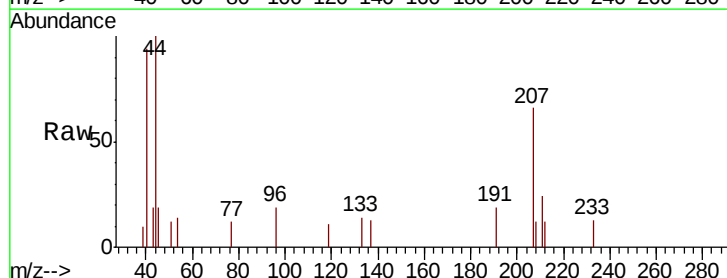
Ion Ratio Lower Upper

43 100

70 27.3 26.5 39.7

55 94.3 17.8 26.6#

61 0.0 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

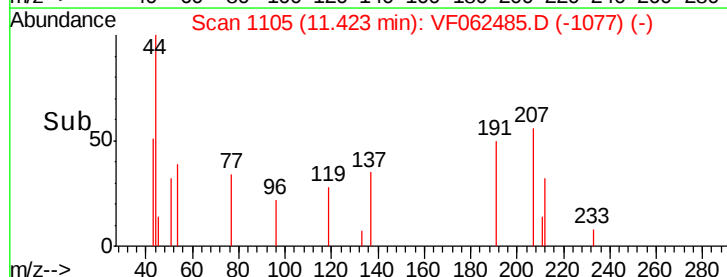
300

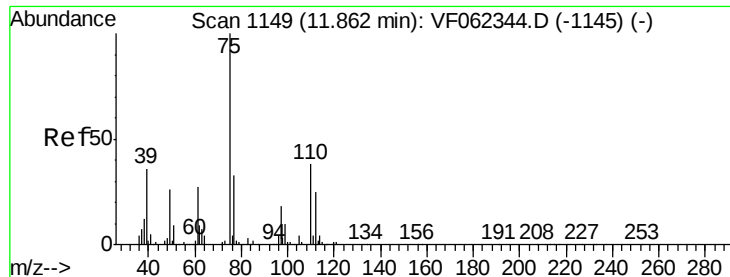
200

100

0

Time--> 11.40 11.45





#76

1,2,3-Trichloropropane

Concen: 156.650 ug/l

RT: 11.87 min Scan# 1150

Delta R.T. 0.00 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

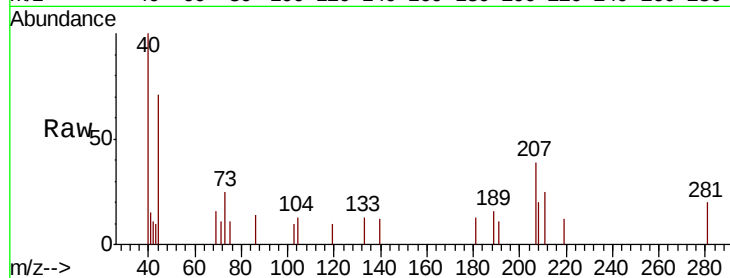
P021-SS005-0206-01

Tot Ion: 75 Resp: 71

Ion Ratio Lower Upper

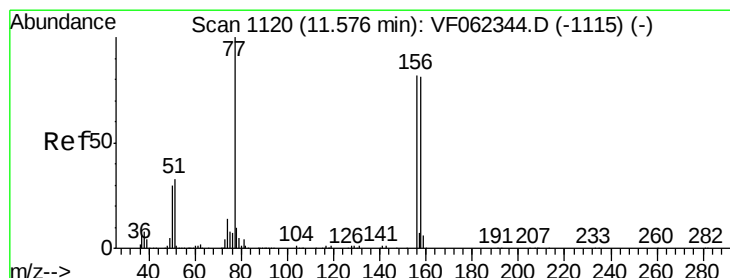
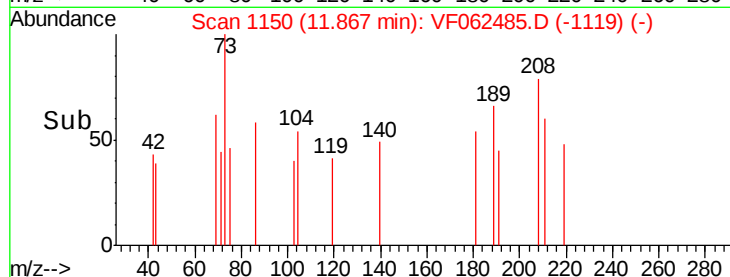
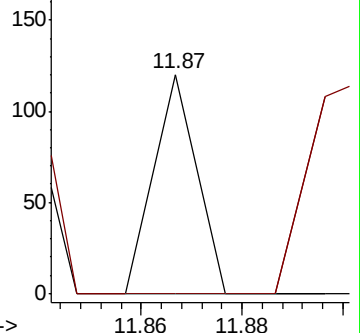
75 100

77 0.0 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: 65.276 ug/l

RT: 11.53 min Scan# 1116

Delta R.T. -0.04 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

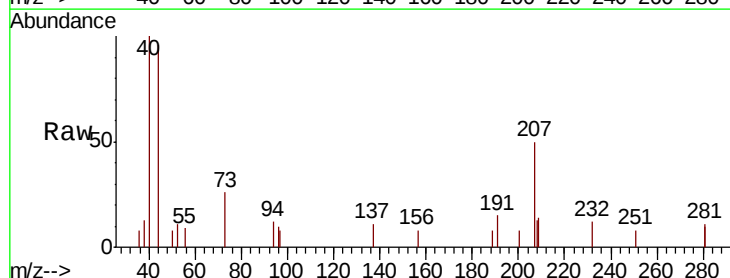
Tgt Ion: 156 Resp: 65

Ion Ratio Lower Upper

156 100

77 318.5 64.8 194.3#

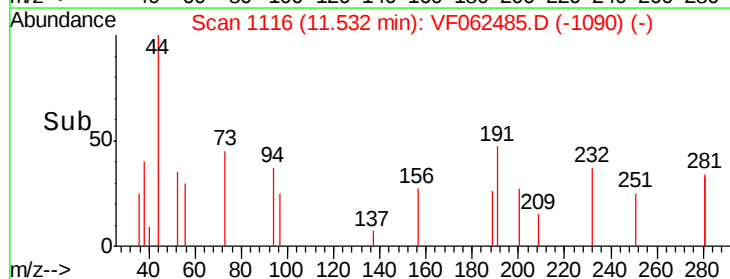
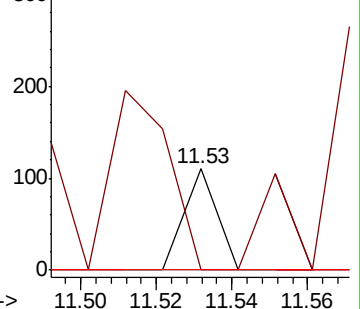
158 0.0 49.1 147.3#

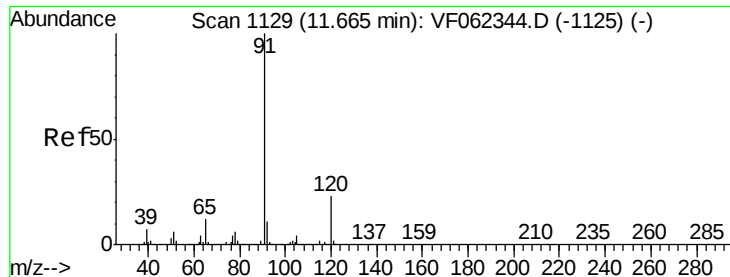


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 21.290 ug/l

RT: 11.61 min Scan# 1124

Delta R.T. -0.05 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

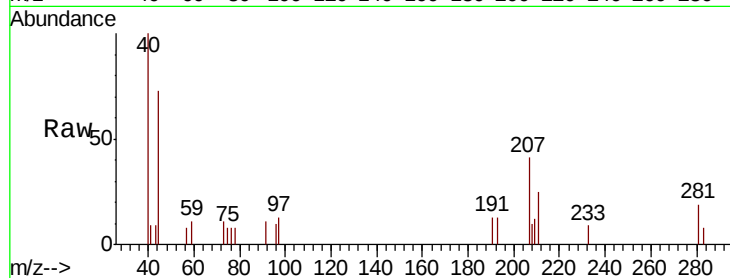
P021-SS005-0206-01

Tot Ion: 91 Resp: 86

Ion Ratio Lower Upper

91 100

120 0.0 11.9 35.5#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

11.61

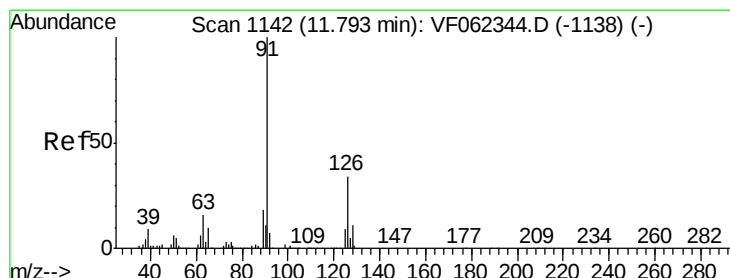
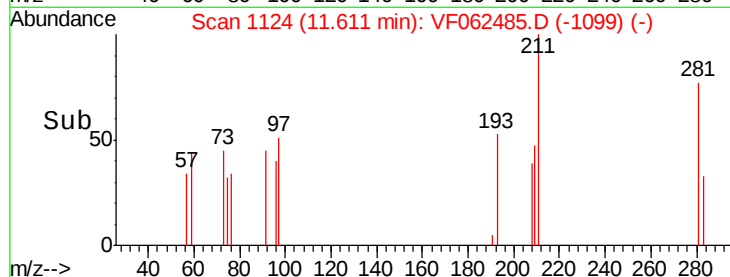
150

100

50

0

Time-->



#79

2-Chlorotoluene

Concen: 34.238 ug/l

RT: 11.61 min Scan# 1124

Delta R.T. -0.18 min

Lab File: VF062485.D

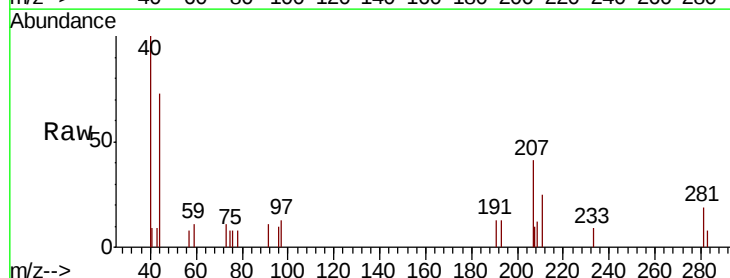
Acq: 12 May 2019 4:19

Tgt Ion: 91 Resp: 86

Ion Ratio Lower Upper

91 100

126 184.9 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V

11.61

300

250

200

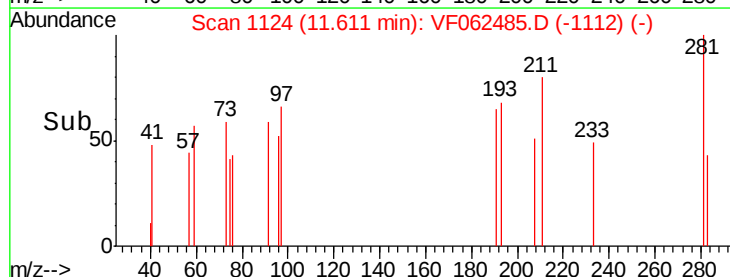
150

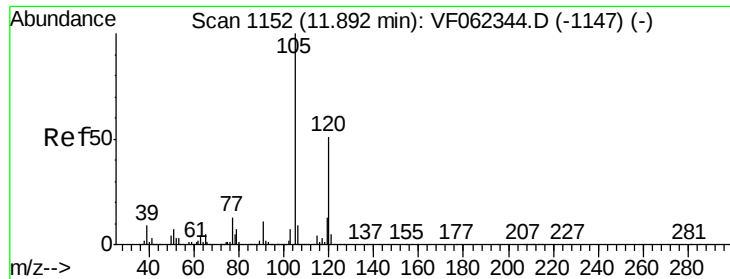
100

50

0

Time-->

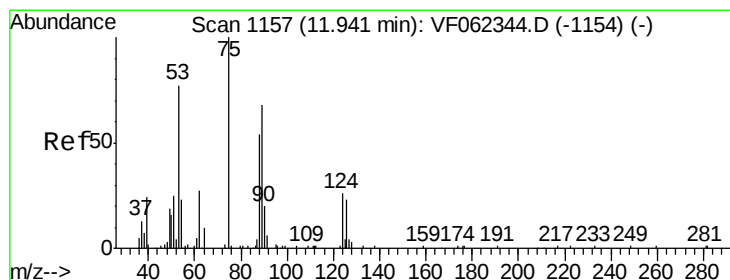
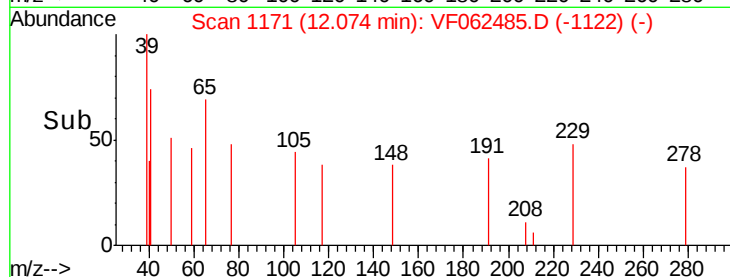
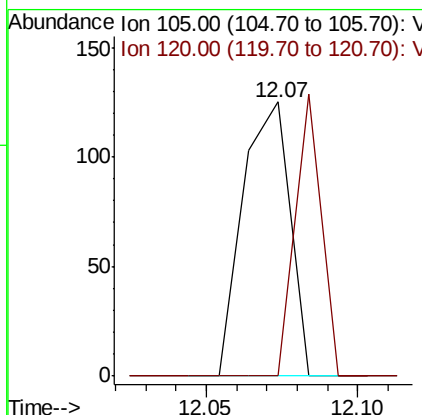
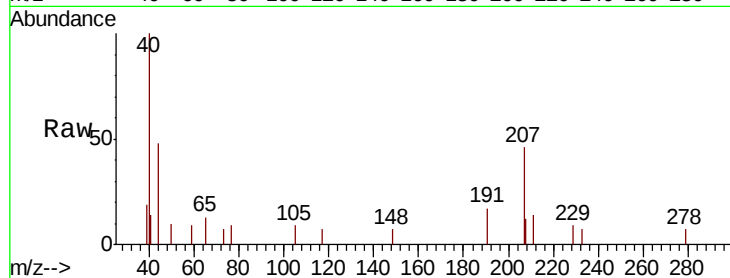




#80
 1,3,5-Trimethylbenzene
 Concen: 40.595 ug/l
 RT: 12.07 min Scan# 1171
 Delta R.T. 0.18 min
 Lab File: VF062485.D
 Acq: 12 May 2019 4:19

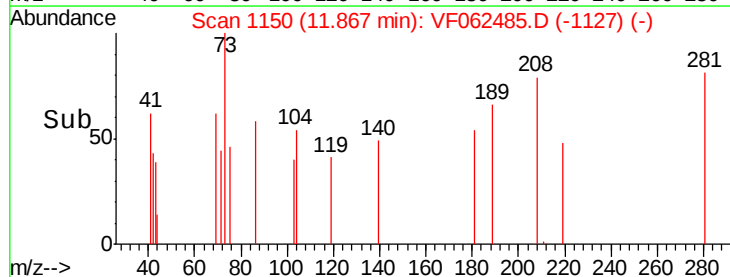
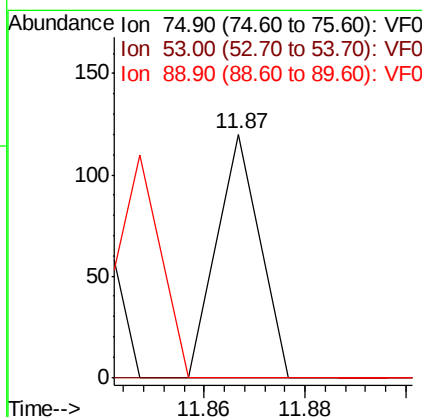
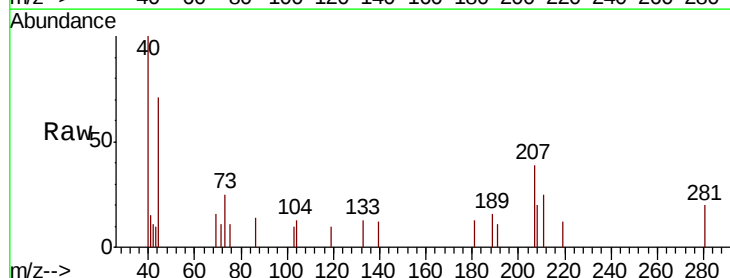
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-0206-01

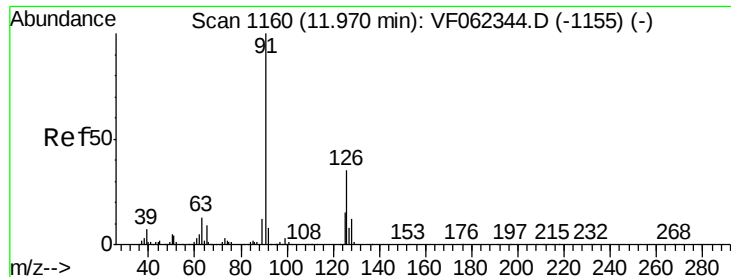
Tot Ion:105 Resp: 135
 Ion Ratio Lower Upper
 105 100
 120 56.3 24.6 74.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 416.747 ug/l
 RT: 11.87 min Scan# 1150
 Delta R.T. -0.07 min
 Lab File: VF062485.D
 Acq: 12 May 2019 4:19

Tgt Ion: 75 Resp: 71
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.9 107.9#
 89 91.5 0.0 0.0#





#82

4-Chlorotoluene

Concen: 38.293 ug/l

RT: 12.05 min Scan# 1169

Delta R.T. 0.08 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

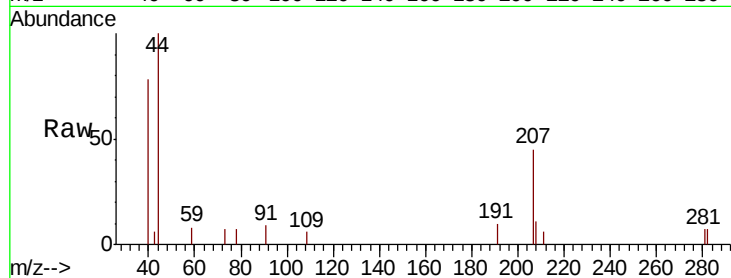
P021-SS005-0206-01

Tot Ion: 91 Resp: 95

Ion Ratio Lower Upper

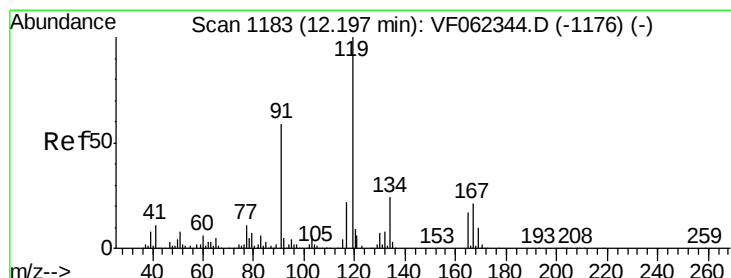
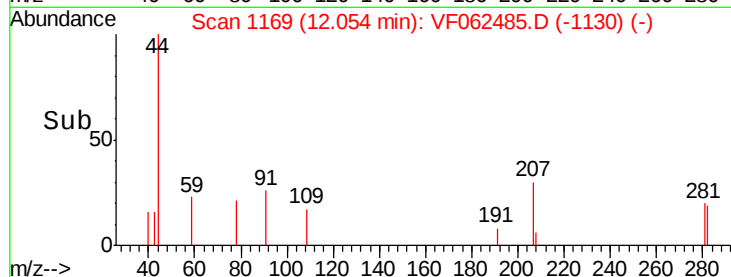
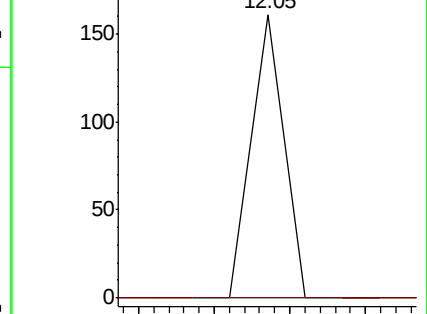
91 100

126 0.0 17.7 53.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 23.748 ug/l

RT: 12.17 min Scan# 1181

Delta R.T. -0.02 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

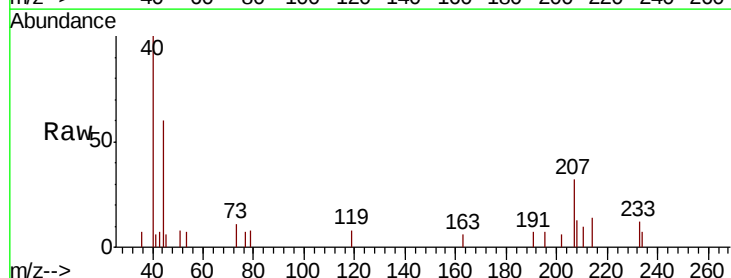
Tgt Ion: 119 Resp: 83

Ion Ratio Lower Upper

119 100

91 0.0 30.4 91.3#

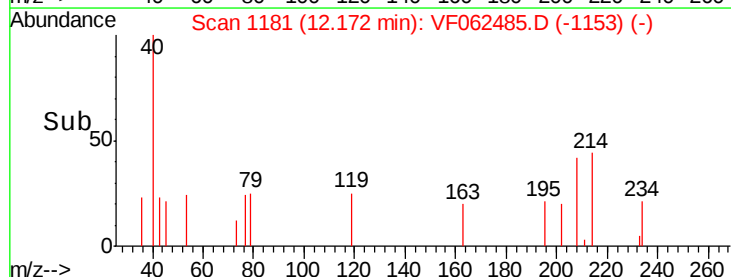
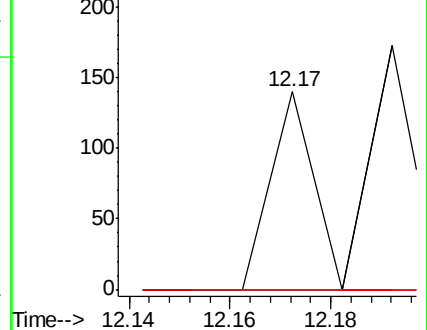
134 0.0 11.9 35.7#

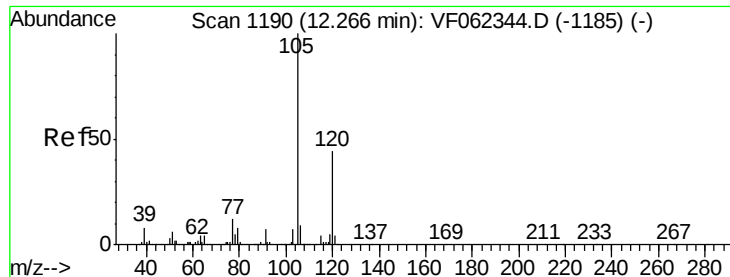


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 41.482 ug/l

RT: 12.07 min Scan# 1171

Delta R.T. -0.19 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

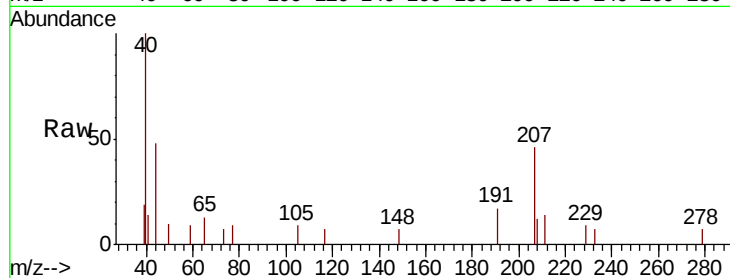
P021-SS005-0206-01

Tot Ion:105 Resp: 135

Ion Ratio Lower Upper

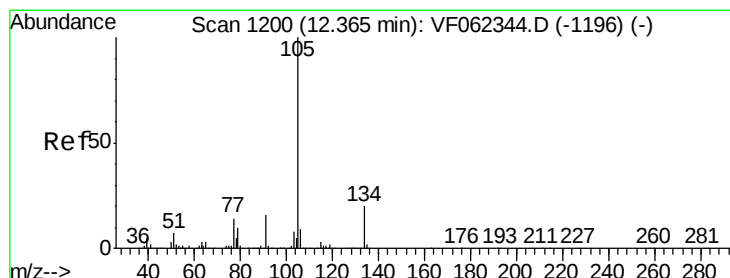
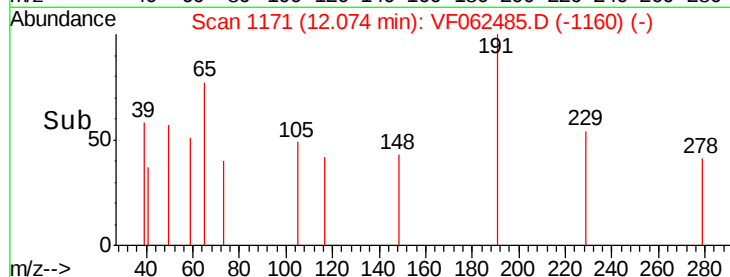
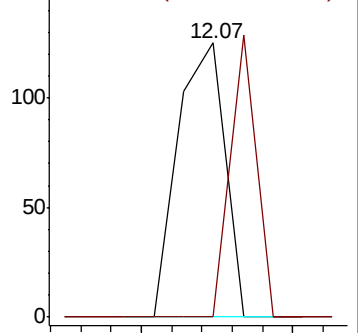
105 100

120 56.3 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: 14.104 ug/l

RT: 12.35 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VF062485.D

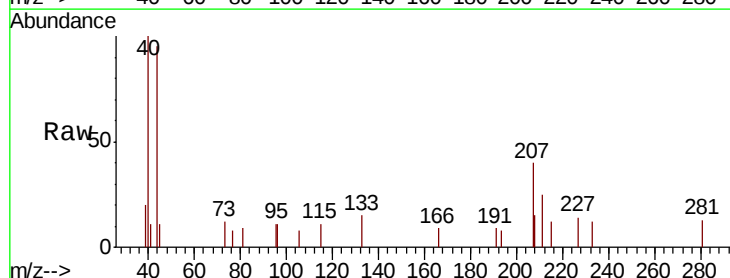
Acq: 12 May 2019 4:19

Tgt Ion:105 Resp: 60

Ion Ratio Lower Upper

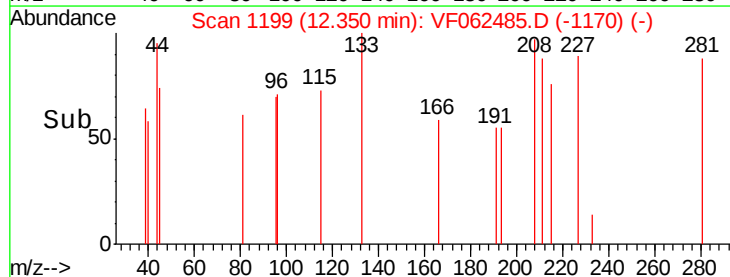
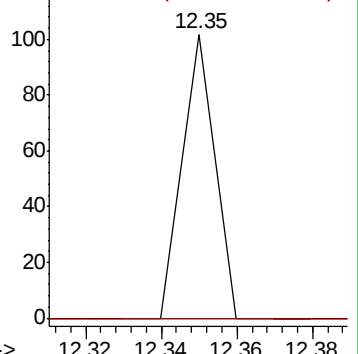
105 100

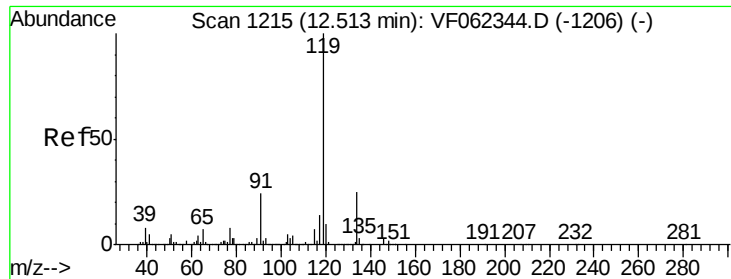
134 0.0 9.8 29.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

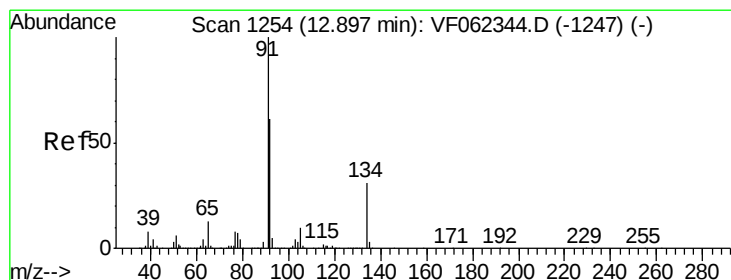
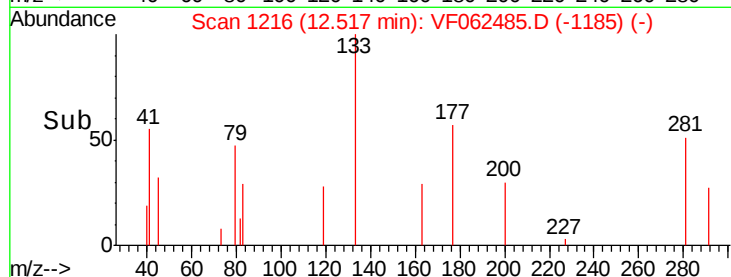
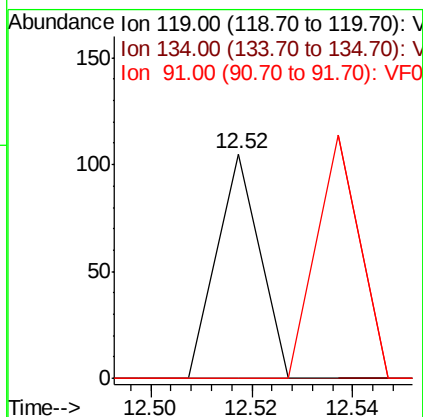
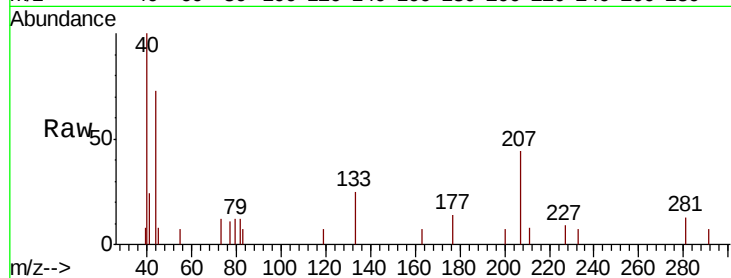




#86
p-Isopropyltoluene
Concen: 15.687 ug/l
RT: 12.52 min Scan# 1216
Delta R.T. 0.00 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

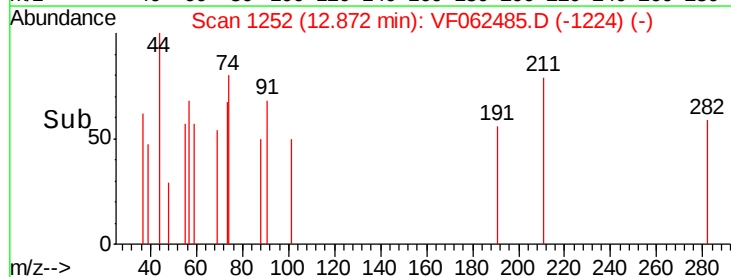
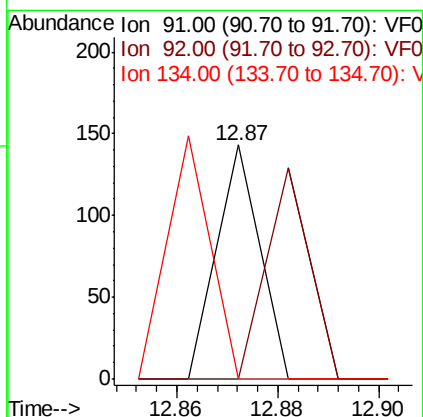
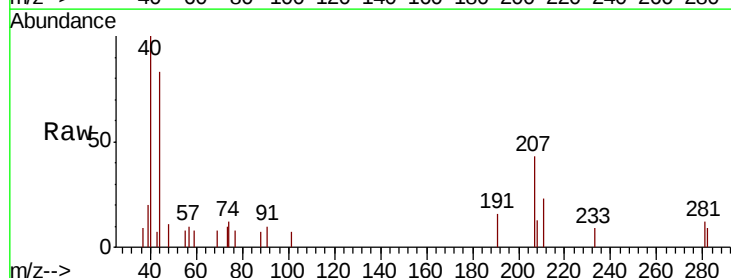
Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0206-01

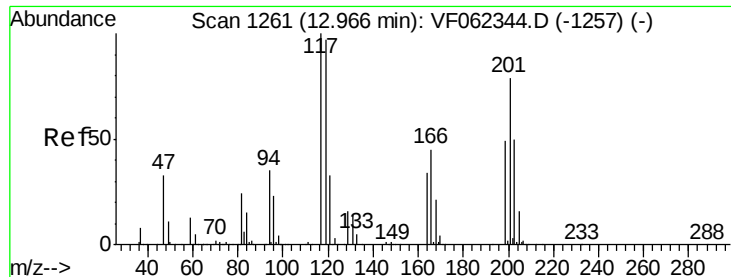
Tot Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.9	38.7#
91	108.1	12.3	36.8#



#89
n-Butylbenzene
Concen: 24.173 ug/l
RT: 12.87 min Scan# 1252
Delta R.T. -0.02 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

Tgt Ion	Ratio	Lower	Upper
91	100		
92	89.4	30.0	90.0
134	103.5	14.1	42.4#





#90

Hexachloroethane

Concen: 64.852 ug/l

RT: 12.81 min Scan# 1246

Delta R.T. -0.15 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

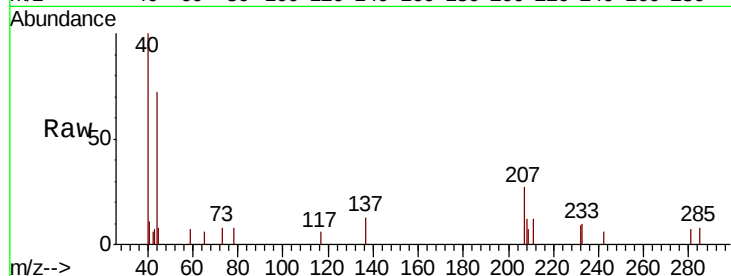
P021-SS005-0206-01

Tot Ion: 117 Resp: 64

Ion Ratio Lower Upper

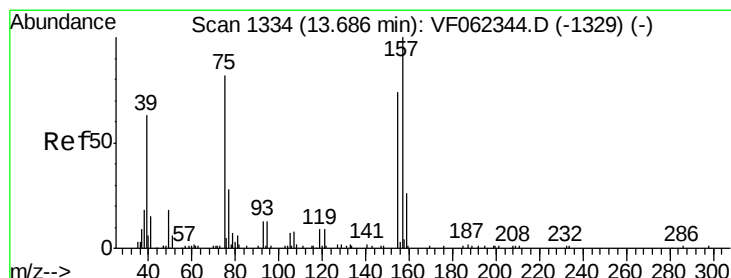
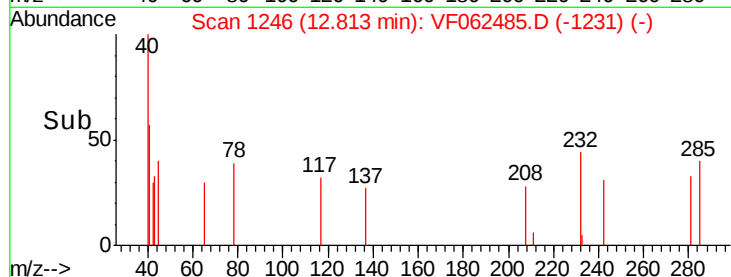
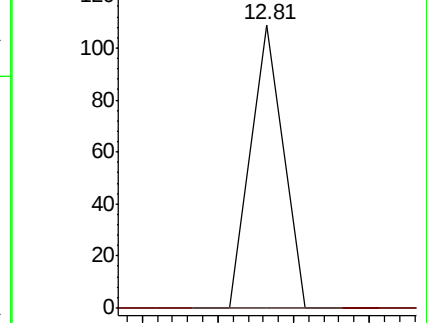
117 100

201 0.0 46.2 138.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1021.861 ug/l

RT: 13.70 min Scan# 1336

Delta R.T. 0.01 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

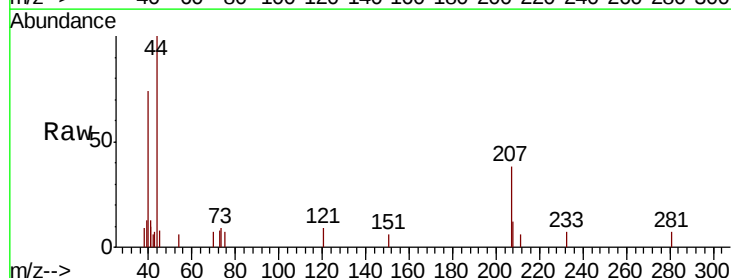
Tgt Ion: 75 Resp: 136

Ion Ratio Lower Upper

75 100

155 0.0 51.8 155.4#

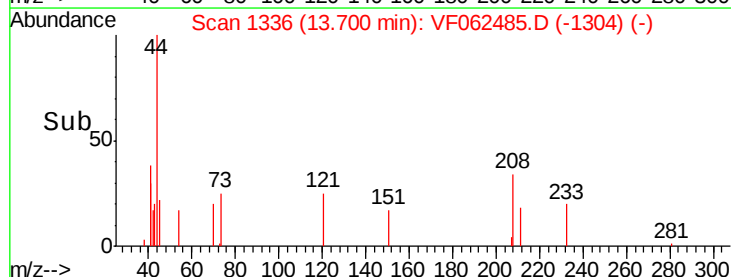
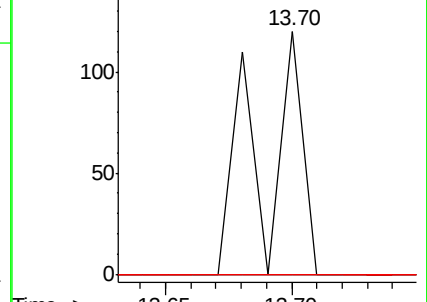
157 0.0 67.3 201.8#

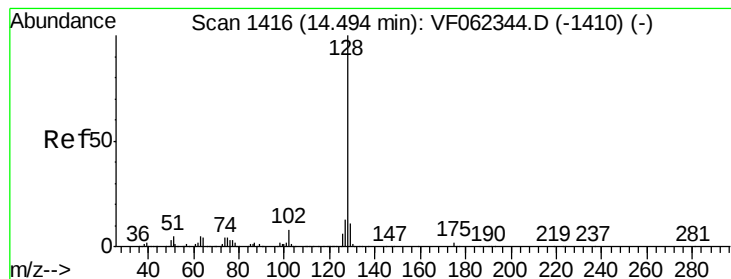


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 25.277 ug/l

RT: 14.48 min Scan# 1415

Delta R.T. -0.01 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

Tot Ion:128 Resp: 60

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 12.8#

