

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						
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					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

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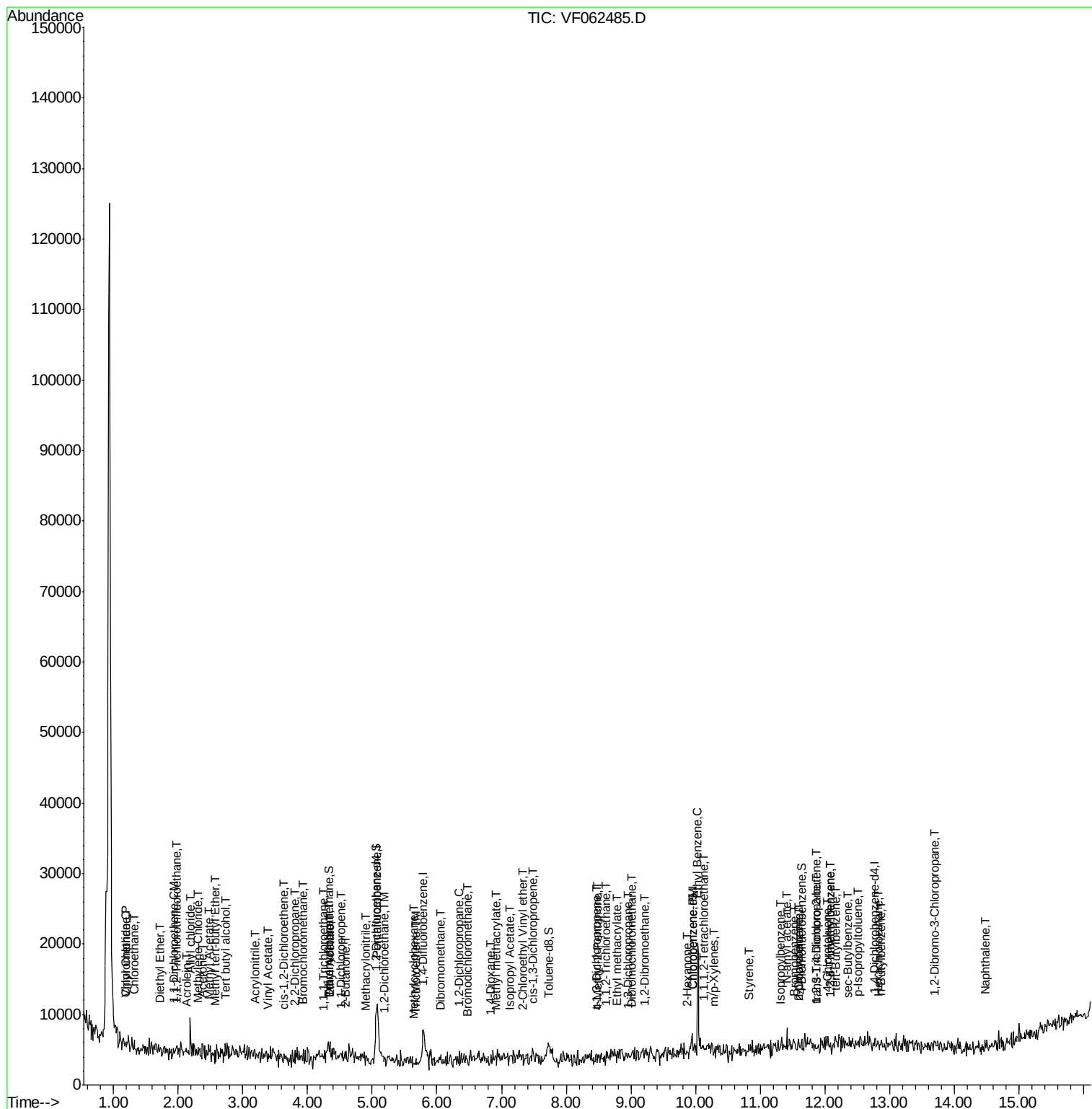
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 1,4-Dioxane	6.82	88	63	383.960	ug/l #	1
51) 4-Methyl-2-Pentanone	8.49	43	209	12.474	ug/l	90
53) t-1,3-Dichloropropene	8.46	75	72	1.894	ug/l #	43
54) cis-1,3-Dichloropropene	7.48	75	111	2.509	ug/l #	67
55) 1,1,2-Trichloroethane	8.62	97	125	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

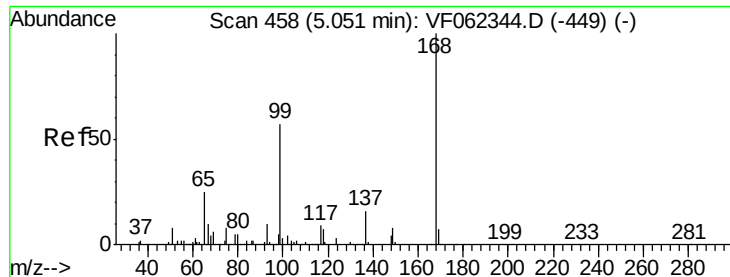
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.09 min Scan# 462

Delta R.T. 0.03 min

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ClientSampleId :

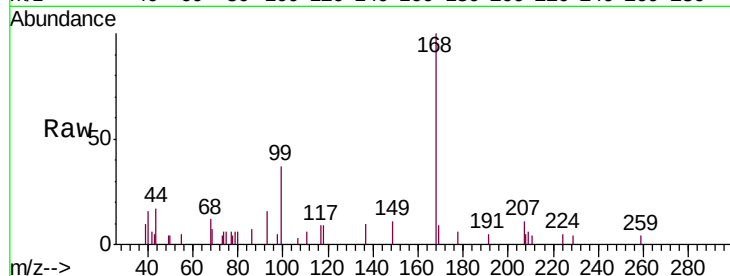
P021-SS005-0206-01

Tgt 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

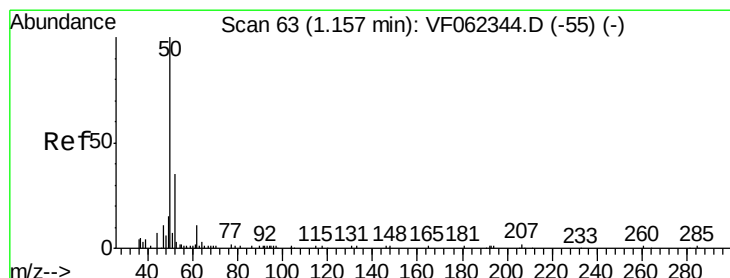
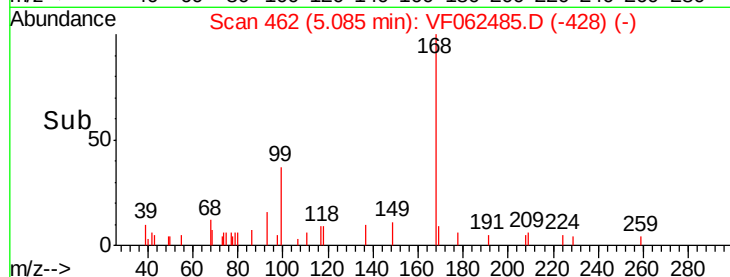
0

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

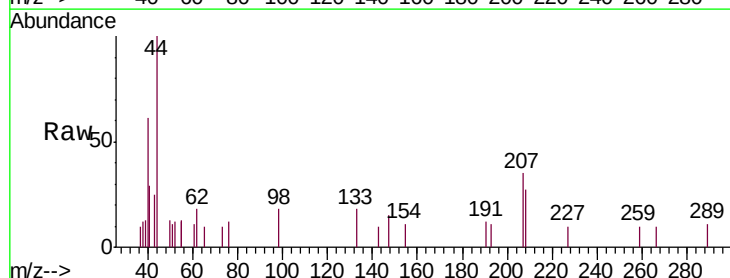
Acq: 12 May 2019 4:19

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

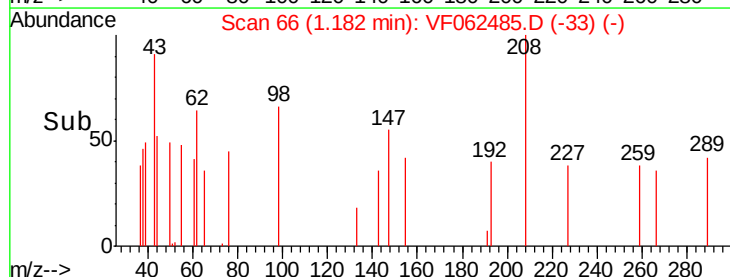
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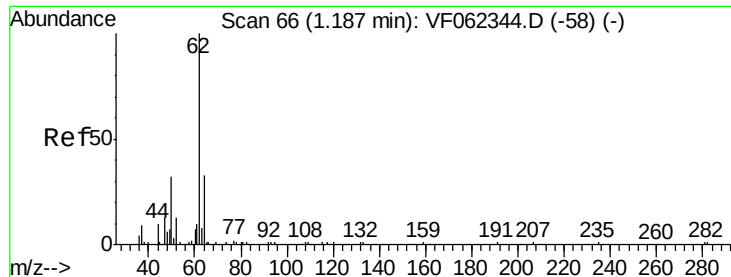
Time-->

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 :

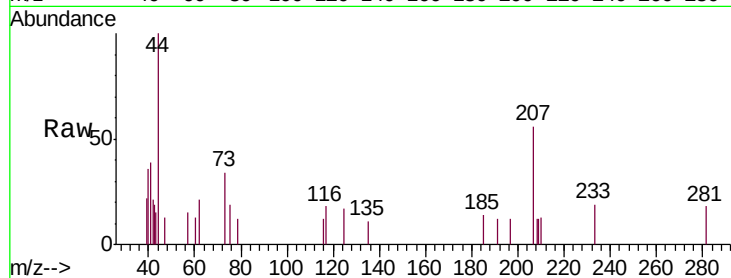
P021-SS005-0206-01

Tgt 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

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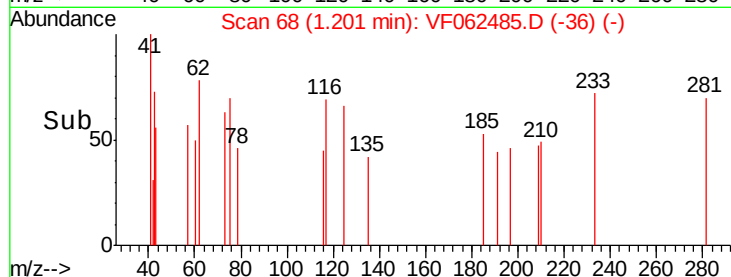
1.20

1.20

1.20

1.20

1.20



#5

Bromomethane

Concen: Below Cal

RT: 1.50 min Scan# 98

Delta R.T. 0.09 min

Lab File: VF062485.D

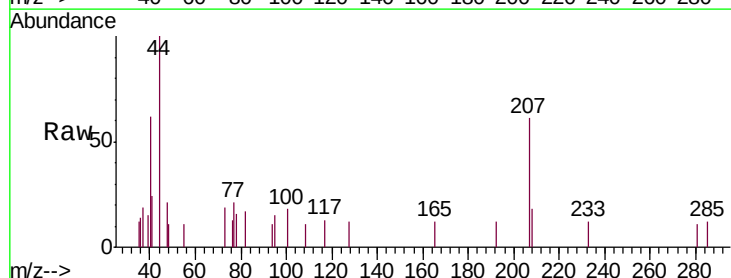
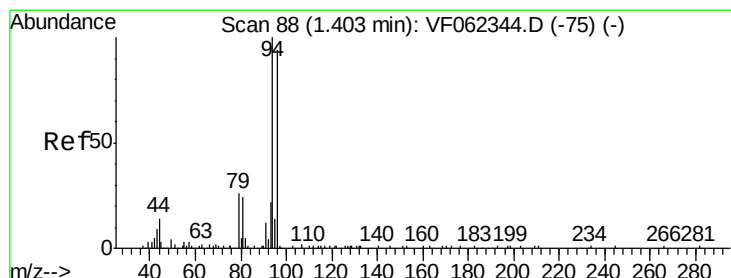
Acq: 12 May 2019 4:19

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

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1.50

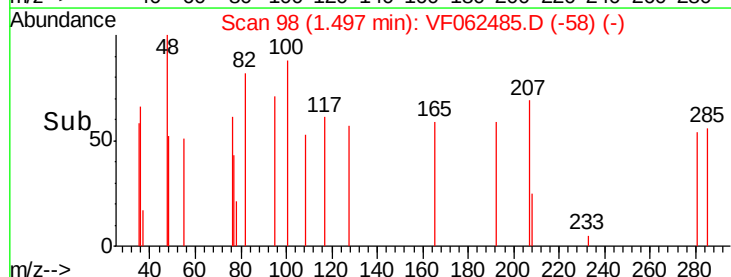
1.50

1.50

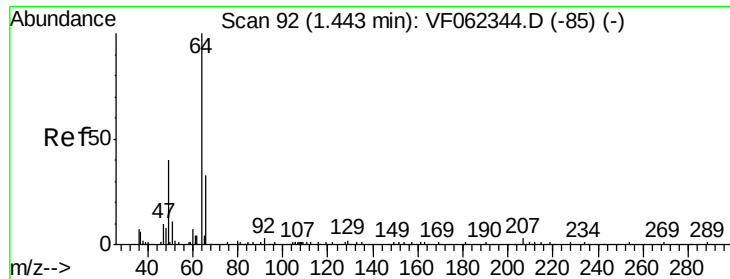
1.50

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 :

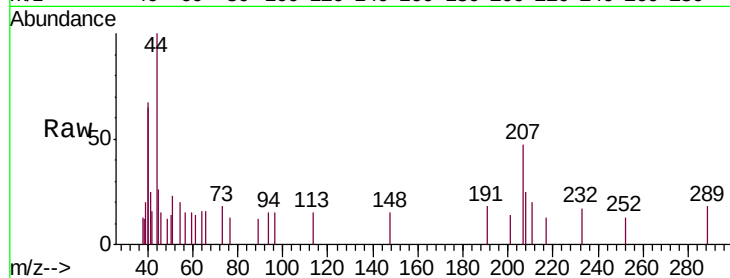
P021-SS005-0206-01

Tgt Ion: 64 Resp: 78

Ion Ratio Lower Upper

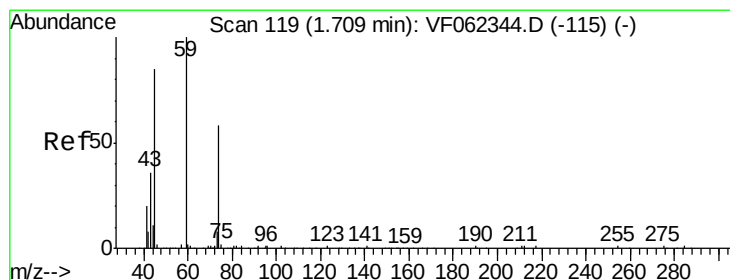
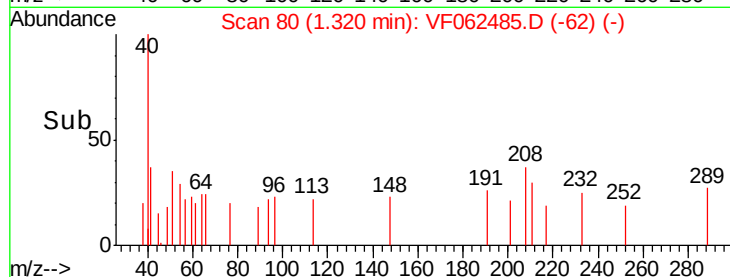
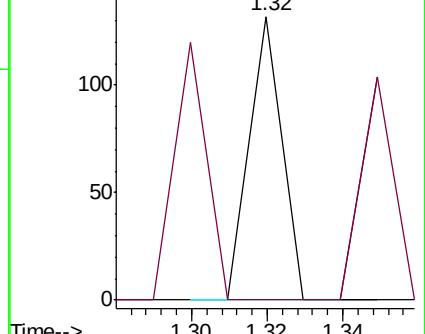
64 100

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

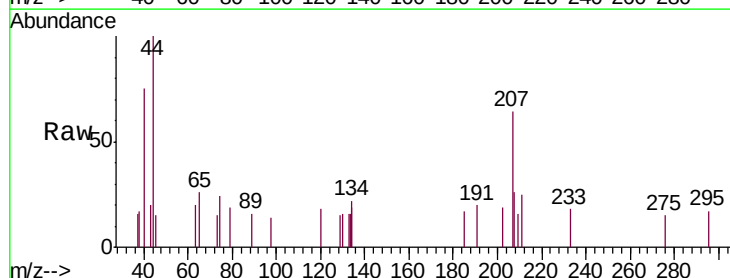
Acq: 12 May 2019 4:19

Tgt Ion: 74 Resp: 102

Ion Ratio Lower Upper

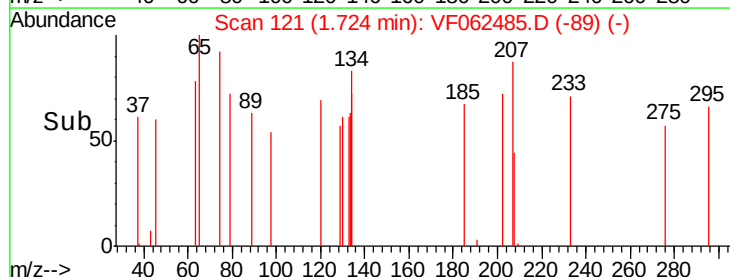
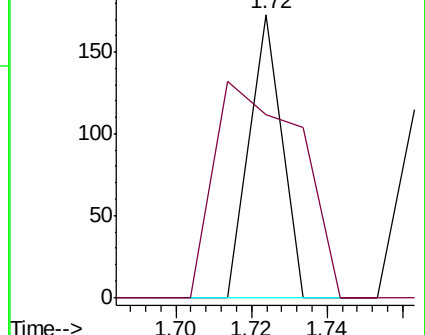
74 100

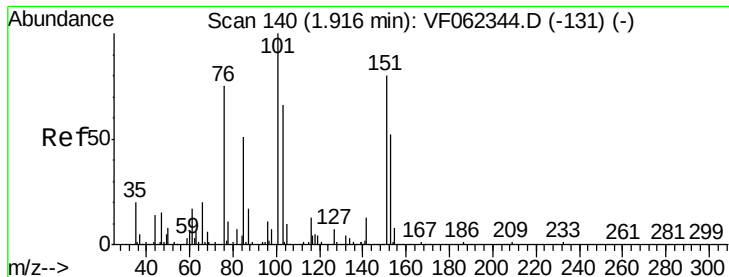
45 202.0 73.9 221.6



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

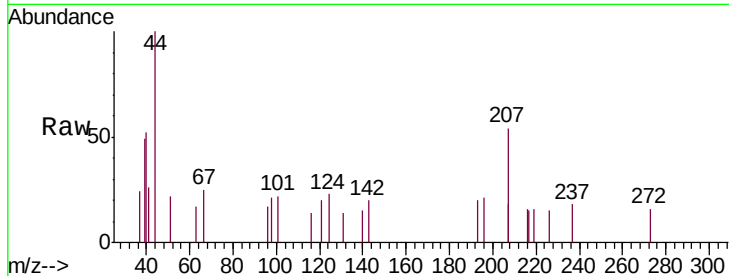
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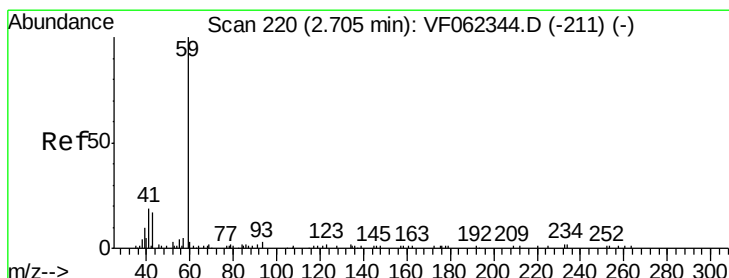
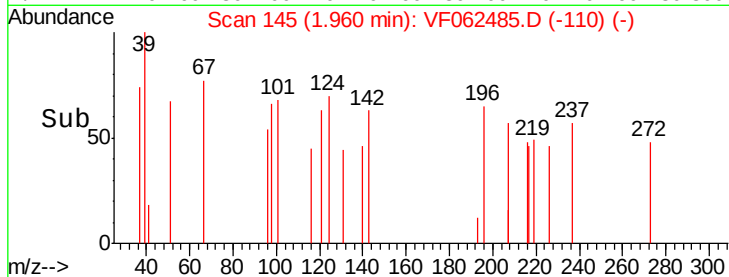
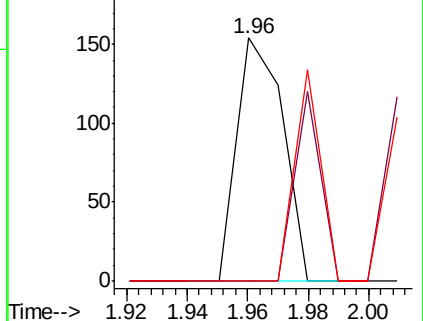
Tgt Ion:	101	Resp:	164
Ion	Ratio	Lower	Upper
101	100		
85	43.3	39.5	59.3
151	48.2	59.9	89.9#



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

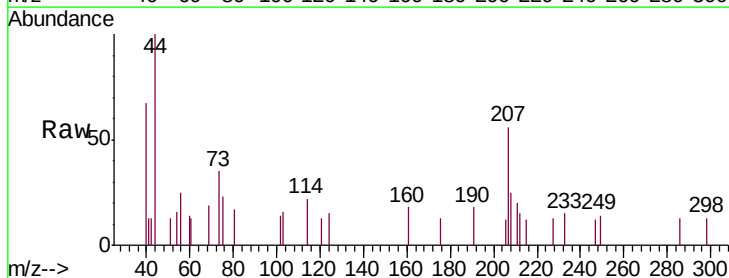
RT: 2.73 min Scan# 223

Delta R.T. 0.02 min

Lab File: VF062485.D

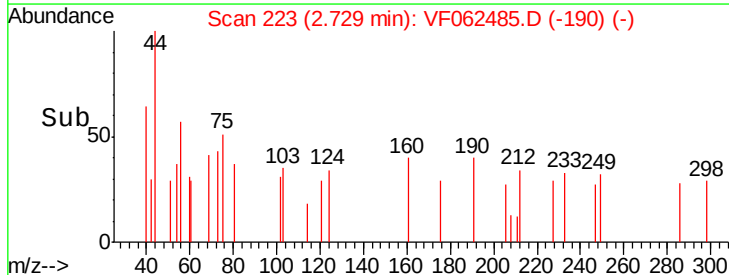
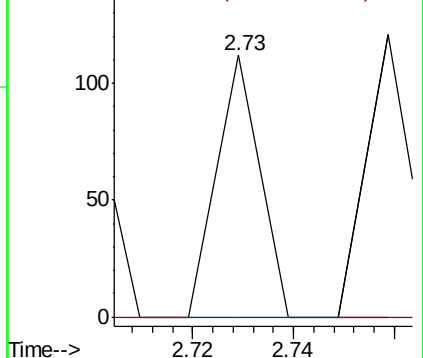
Acq: 12 May 2019 4:19

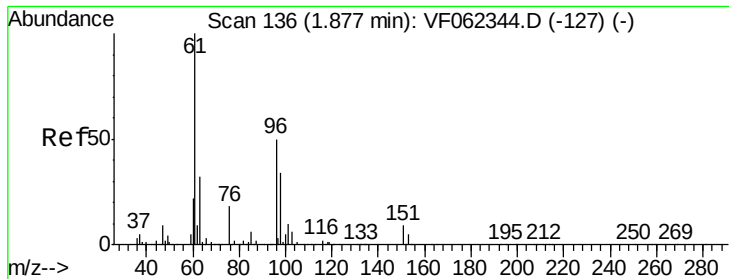
Tgt Ion:	59	Resp:	66
Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.3	13.9#



Abundance Ion 59.00 (58.70 to 59.70): VF0

Ion 57.00 (56.70 to 57.70): VF0

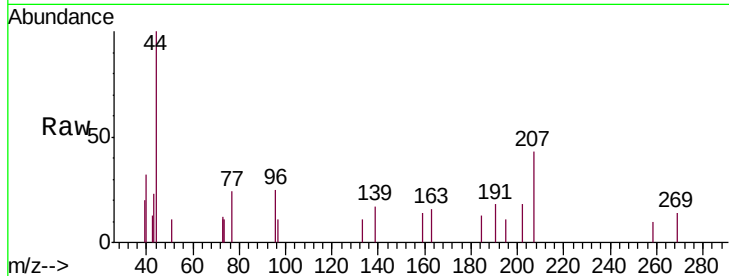




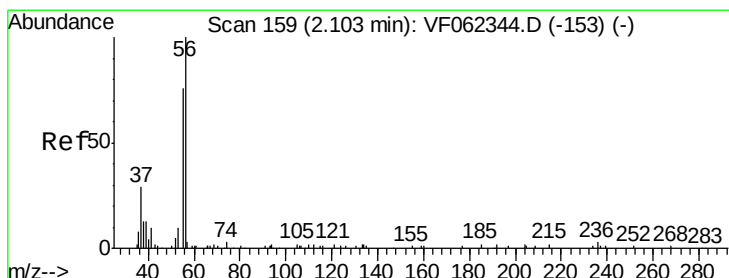
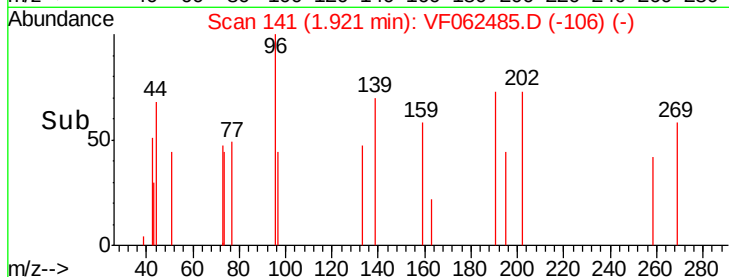
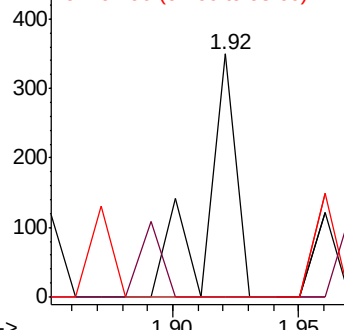
#12
 1,1-Dichloroethene
 Concen: 4.033 ug/l
 RT: 1.92 min Scan# 141
 Delta R.T. 0.04 min
 Lab File: VF062485.D
 Acq: 12 May 2019 4:19

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

Tgt Ion: 96 Resp: 291
 Ion Ratio Lower Upper
 96 100
 61 0.0 163.2 244.8#
 98 0.0 55.2 82.8#

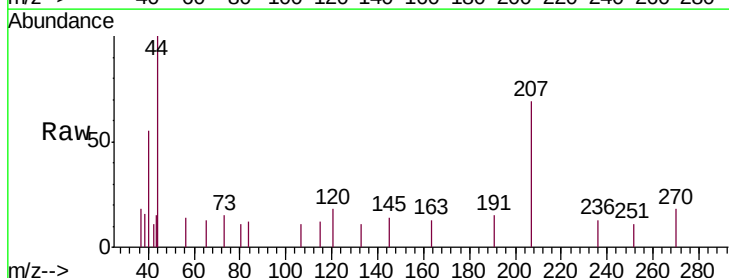


Abundance Ion 95.90 (95.60 to 96.60): VF0
 Ion 60.90 (60.60 to 61.60): VF0
 Ion 97.90 (97.60 to 98.60): VF0

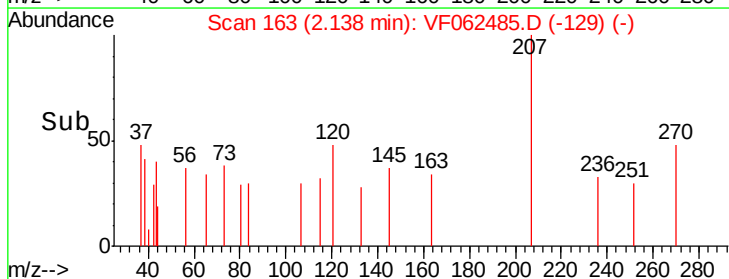
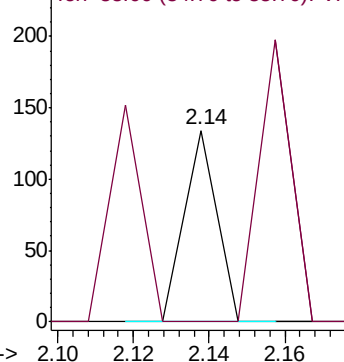


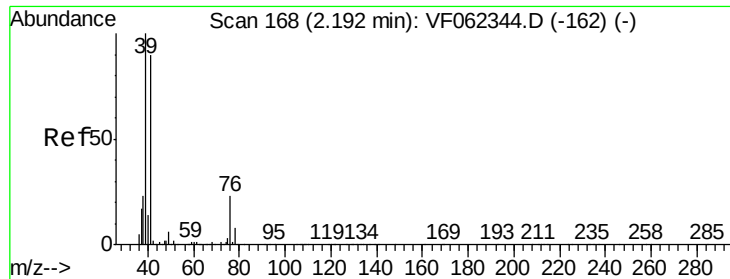
#13
 Acrolein
 Concen: 4.714 ug/l
 RT: 2.14 min Scan# 163
 Delta R.T. 0.03 min
 Lab File: VF062485.D
 Acq: 12 May 2019 4:19

Tgt Ion: 56 Resp: 79
 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

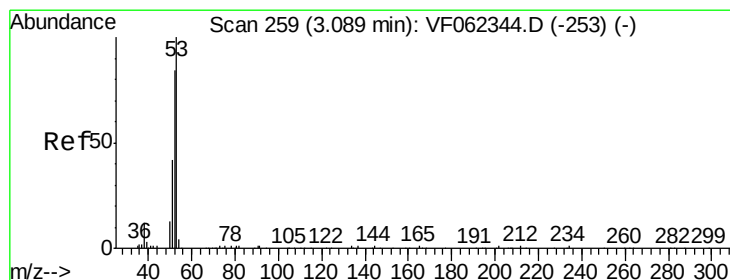
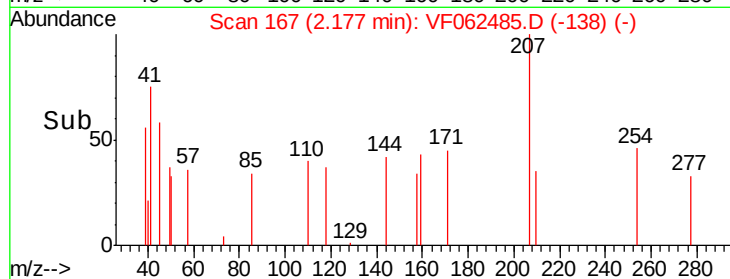
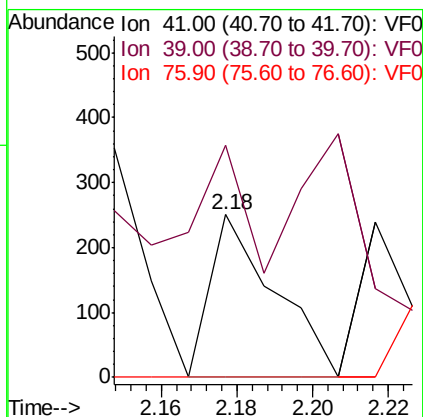
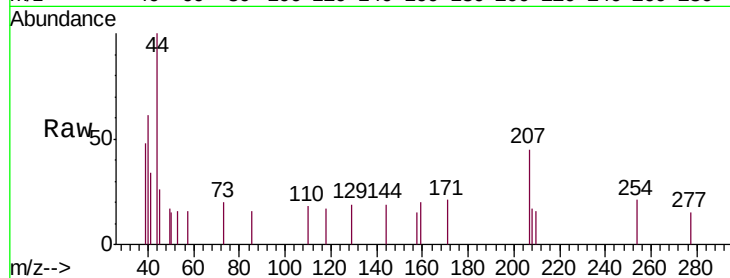




#14
 Allyl chloride
 Concen: 4.645 ug/l
 RT: 2.18 min Scan# 167
 Delta R.T. -0.01 min
 Lab File: VF062485.D
 Acq: 12 May 2019 4:19

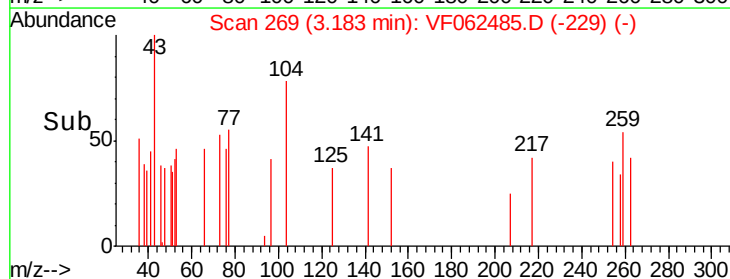
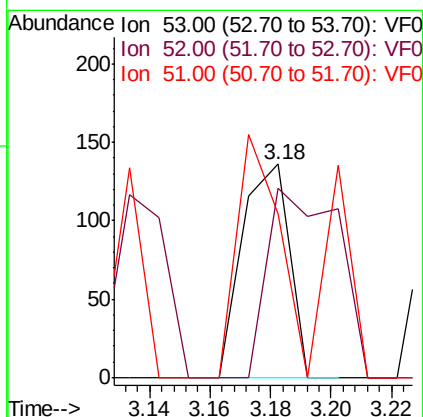
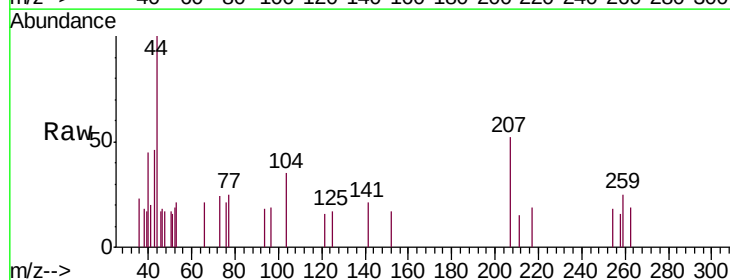
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-0206-01

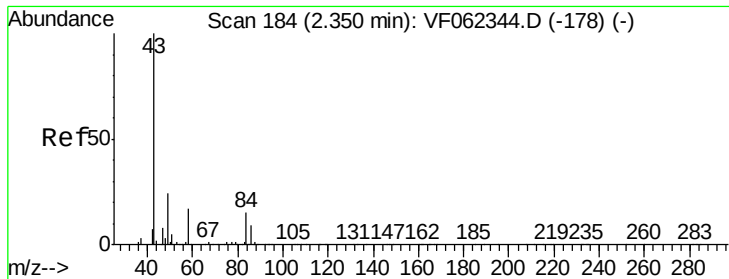
Tgt Ion: 41 Resp: 296
 Ion Ratio Lower Upper
 41 100
 39 270.3 90.8 136.2#
 76 0.0 22.2 33.4#



#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#

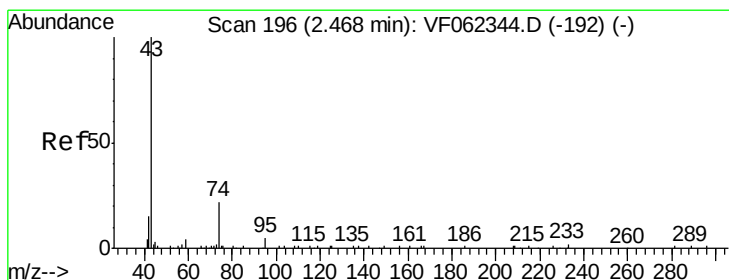
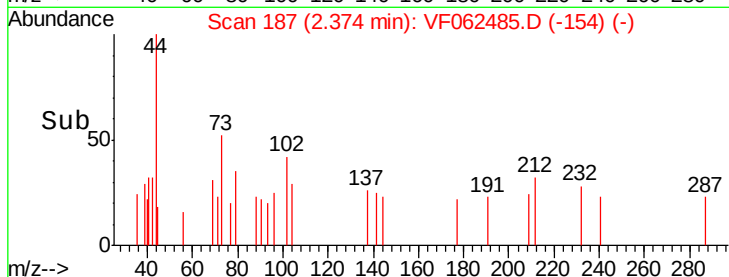
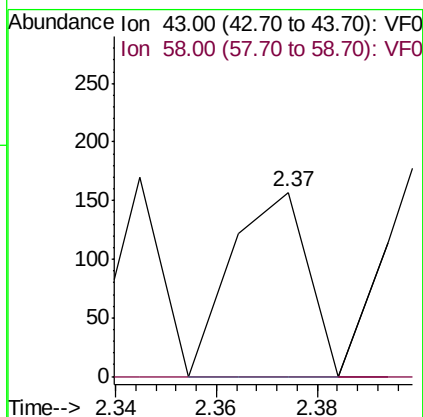
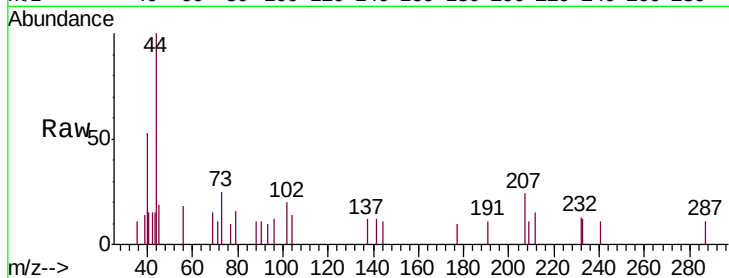




#16
Acetone
Concen: 9.172 ug/l
RT: 2.37 min Scan# 187
Delta R.T. 0.02 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

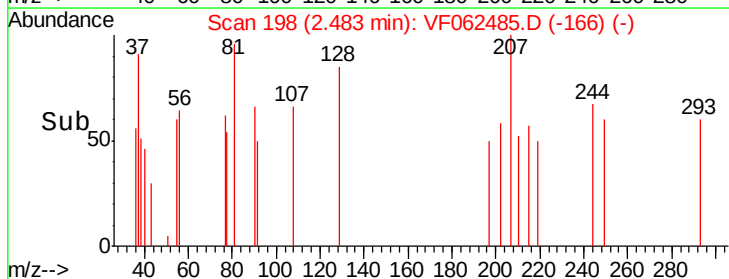
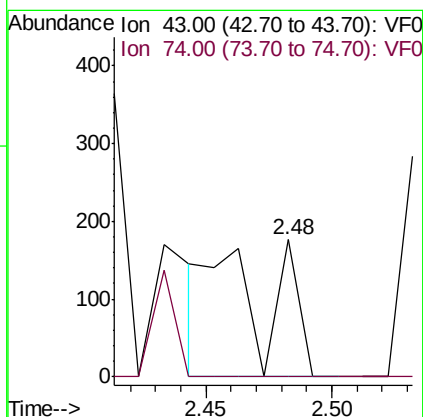
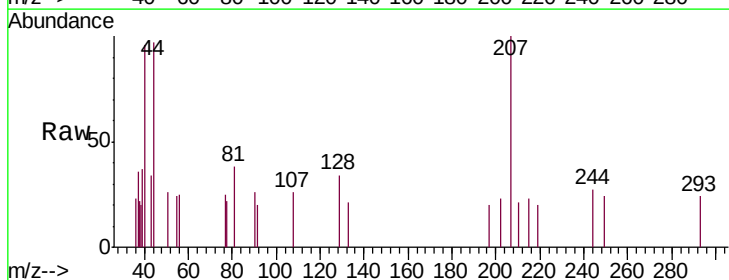
Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0206-01

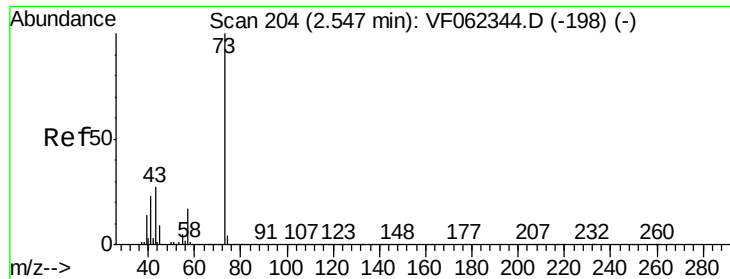
Tgt Ion: 43 Resp: 165
Ion Ratio Lower Upper
43 100
58 0.0 13.1 19.7#



#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#





#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 :

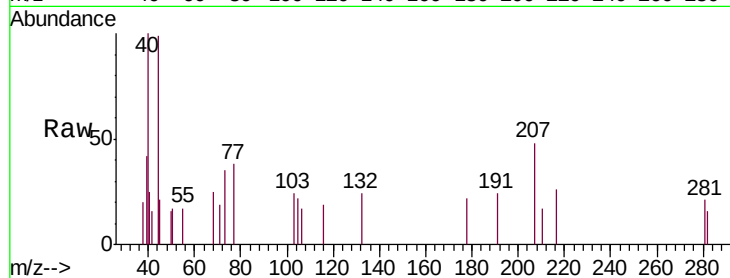
P021-SS005-0206-01

Tgt Ion: 73 Resp: 298

Ion Ratio Lower Upper

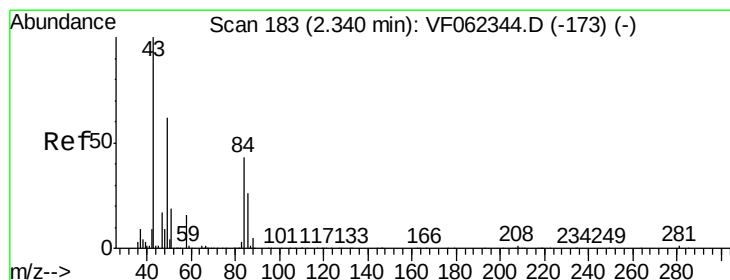
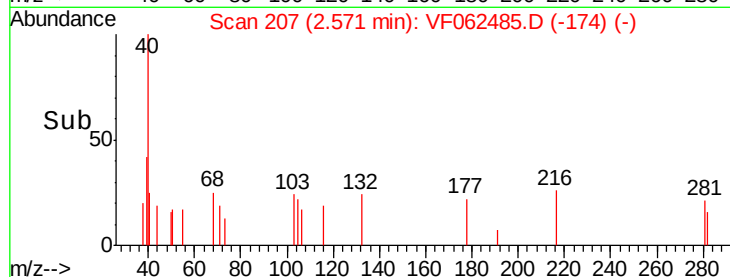
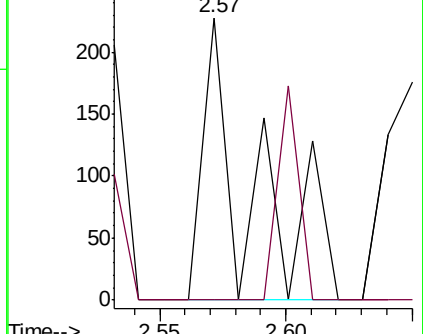
73 100

57 0.0 13.7 20.5#



Abundance Ion 73.00 (72.70 to 73.70): VF0

Ion 57.00 (56.70 to 57.70): VF0



#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

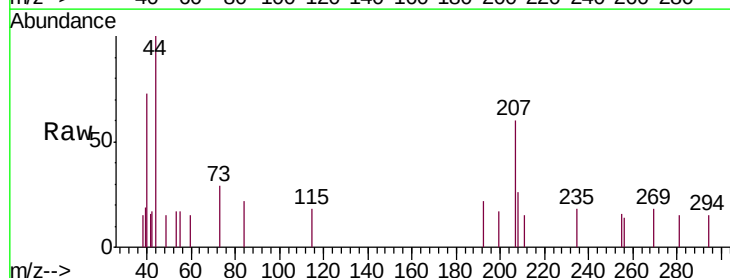
Ion Ratio Lower Upper

84 100

49 69.0 117.5 176.3#

51 0.0 37.0 55.4#

86 0.0 49.3 73.9#

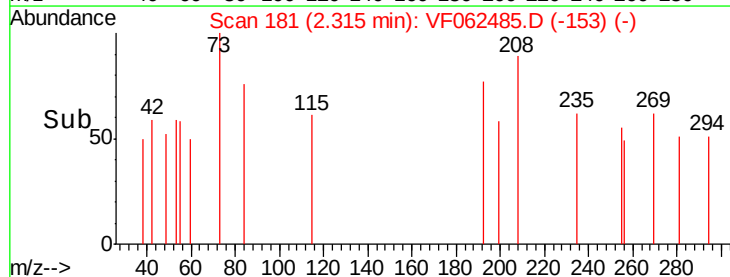
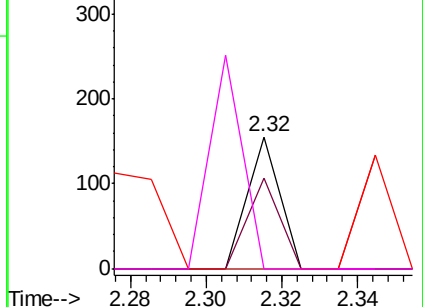


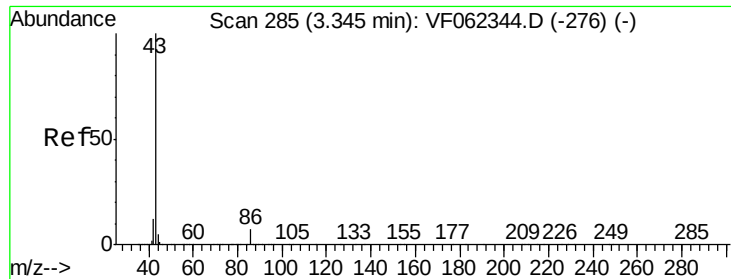
Abundance Ion 83.90 (83.60 to 84.60): VF0

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





#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 :

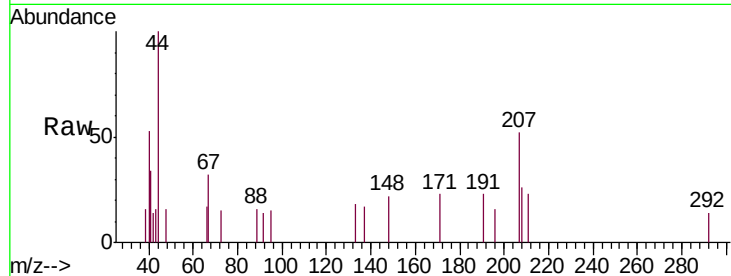
P021-SS005-0206-01

Tgt Ion: 43 Resp: 137

Ion Ratio Lower Upper

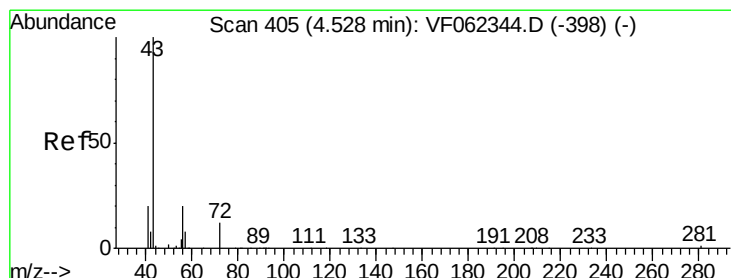
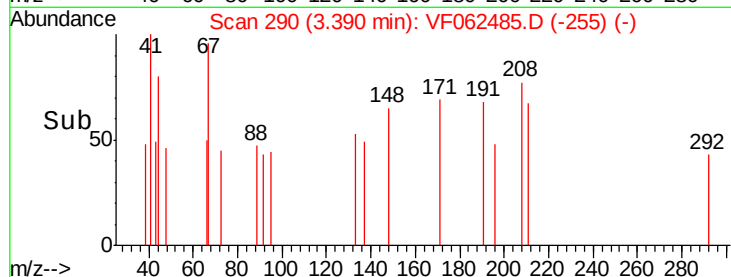
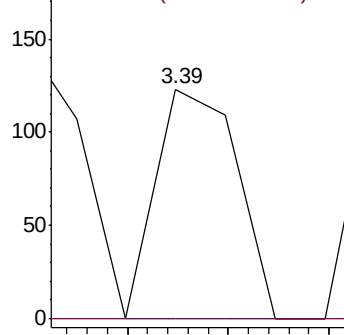
43 100

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

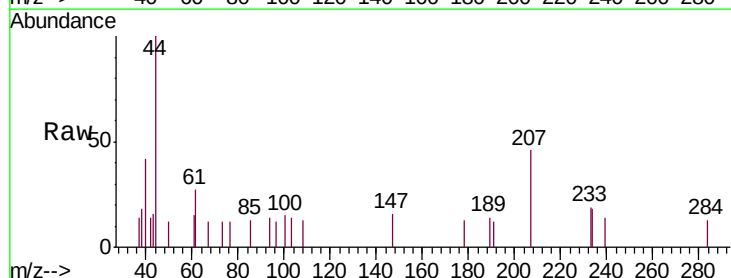
Acq: 12 May 2019 4:19

Tgt Ion: 43 Resp: 82

Ion Ratio Lower Upper

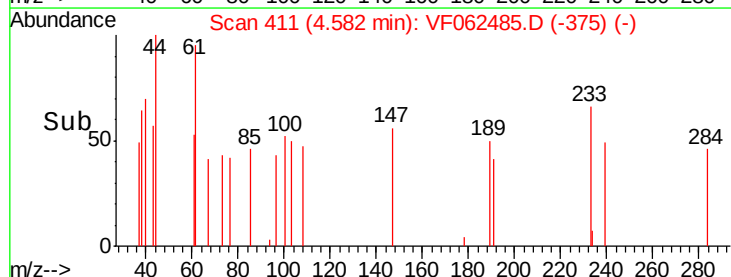
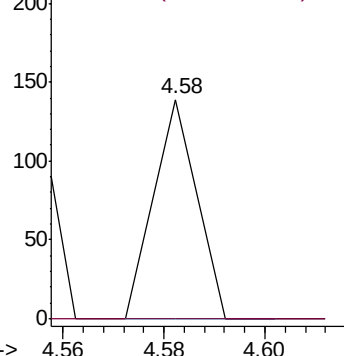
43 100

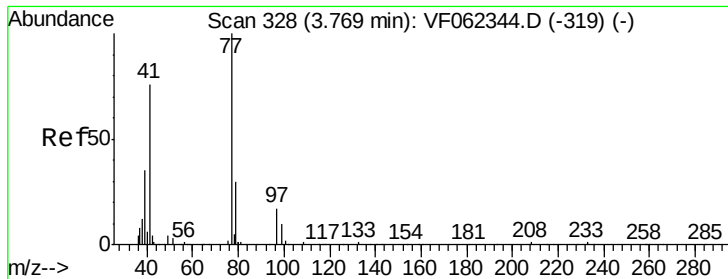
72 0.0 14.2 21.4#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

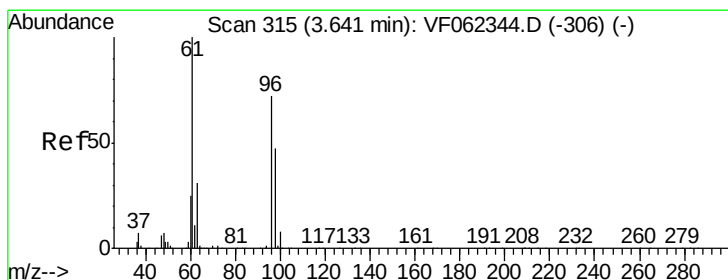
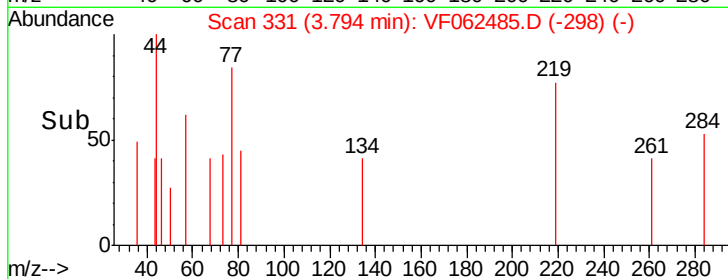
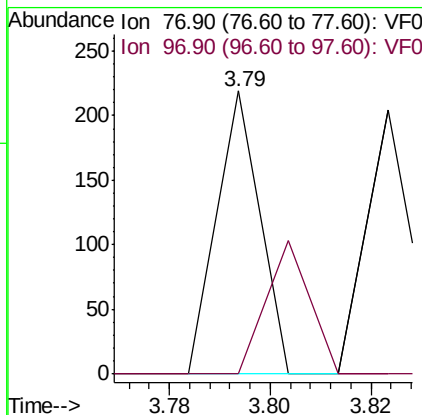
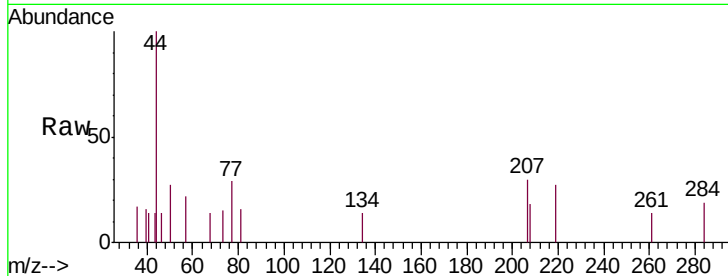




#26
 2,2-Dichloropropane
 Concen: 1.934 ug/l
 RT: 3.79 min Scan# 331
 Delta R.T. 0.02 min
 Lab File: VF062485.D
 Acq: 12 May 2019 4:19

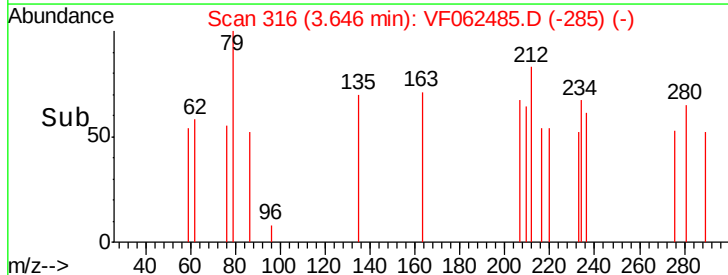
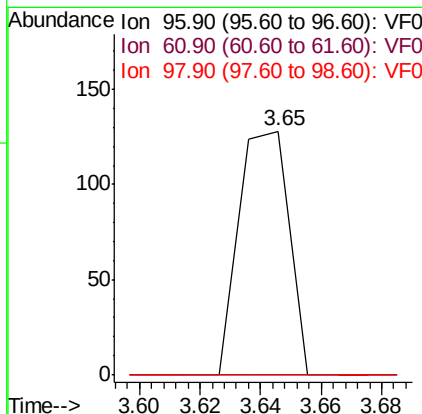
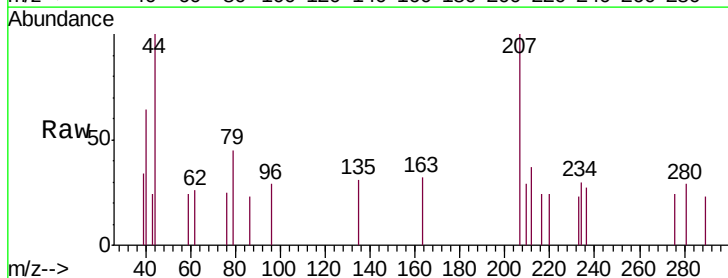
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-0206-01

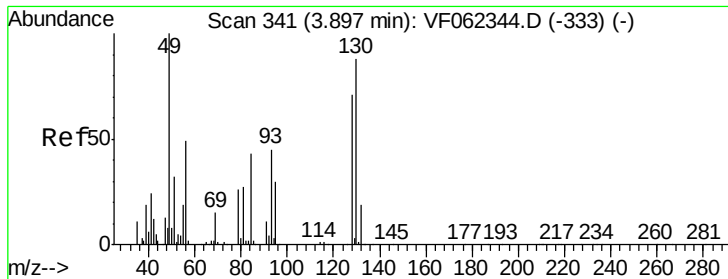
Tgt Ion: 77 Resp: 130
 Ion Ratio Lower Upper
 77 100
 97 46.9 9.5 28.5#



#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

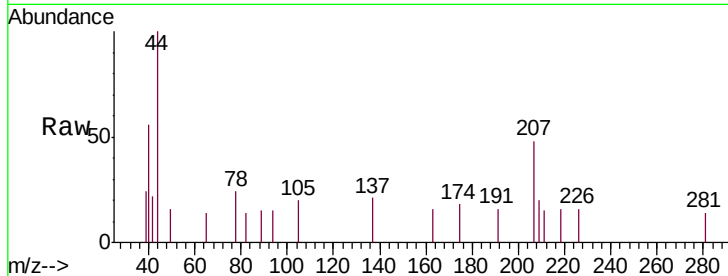
Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

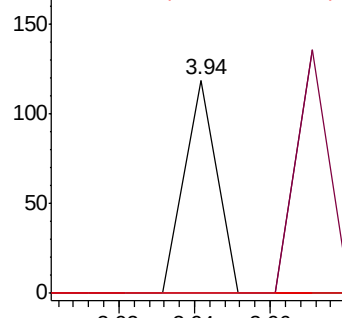
Tgt Ion:	49	Resp:	70
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	0.0	79.4	119.0#



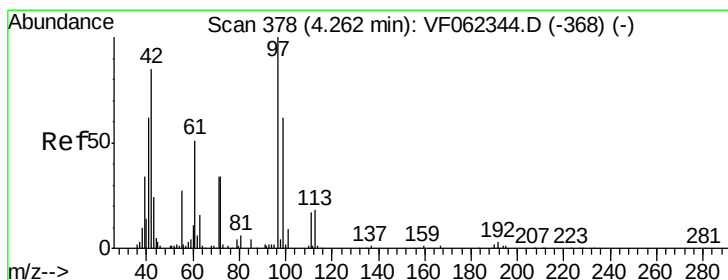
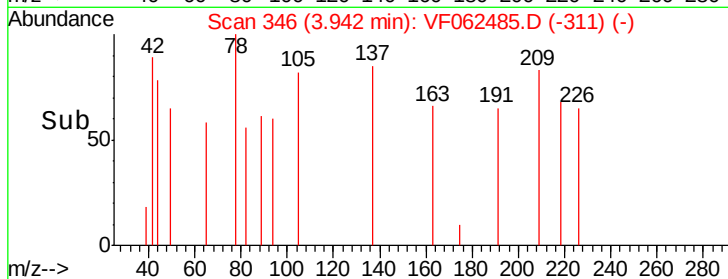
Abundance Ion 48.90 (48.60 to 49.60): VF0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



Time-->



#29

Tetrahydrofuran

Concen: 6.835 ug/l

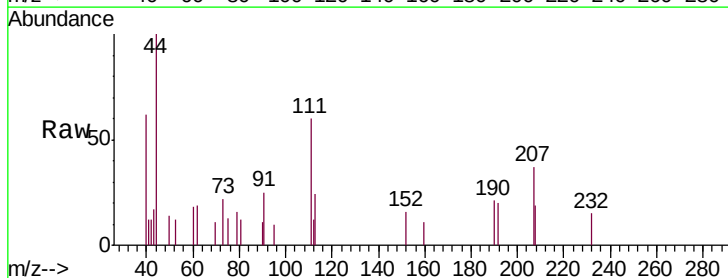
RT: 4.33 min Scan# 385

Delta R.T. 0.06 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

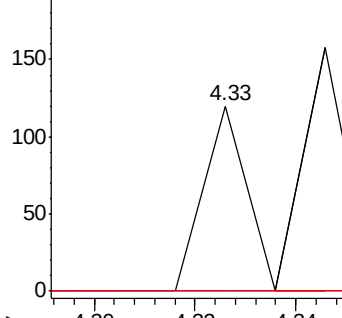
Tgt Ion:	42	Resp:	71
Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.4	47.0#
71	0.0	31.7	47.5#



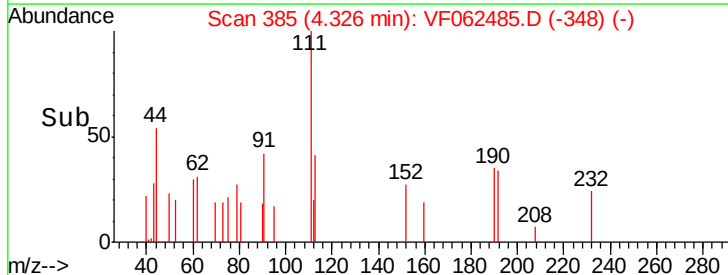
Abundance Ion 42.00 (41.70 to 42.70): VF0

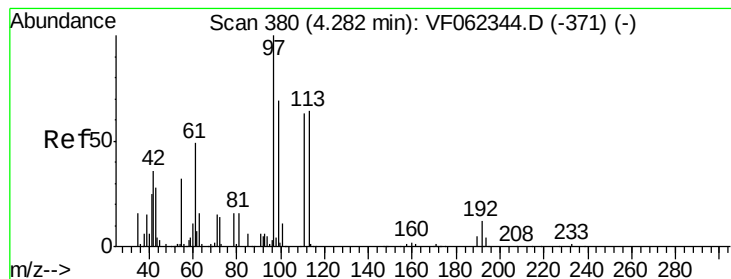
Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



Time-->





#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

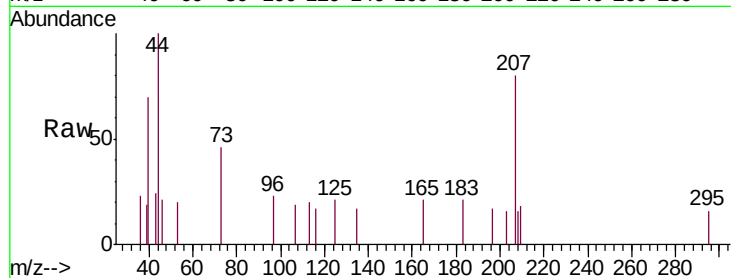
Tgt Ion: 97 Resp: 231

Ion Ratio Lower Upper

97 100

99 0.0 52.6 78.8#

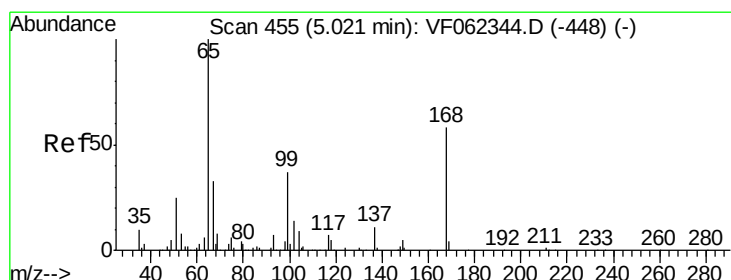
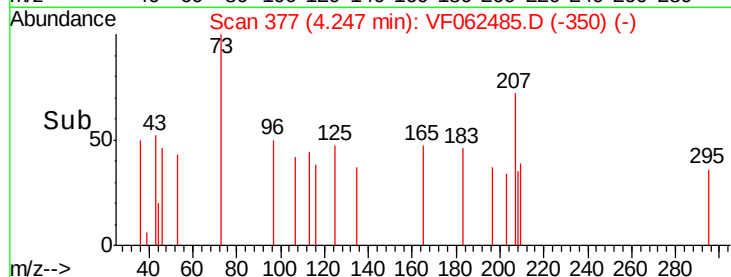
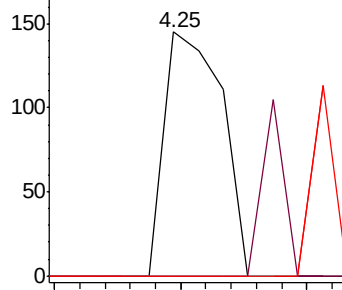
61 0.0 39.4 59.0#



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

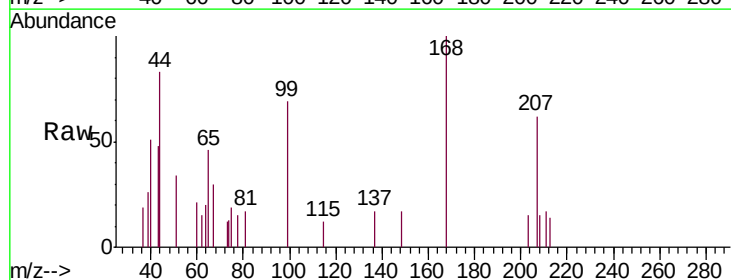
Acq: 12 May 2019 4:19

Tgt Ion: 65 Resp: 839

Ion Ratio Lower Upper

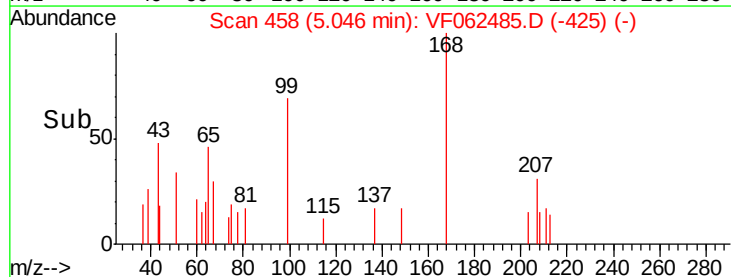
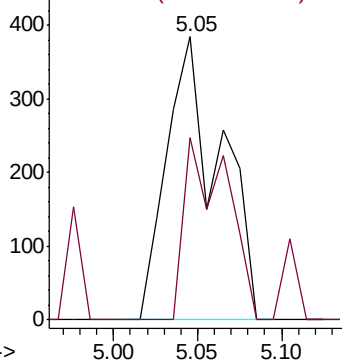
65 100

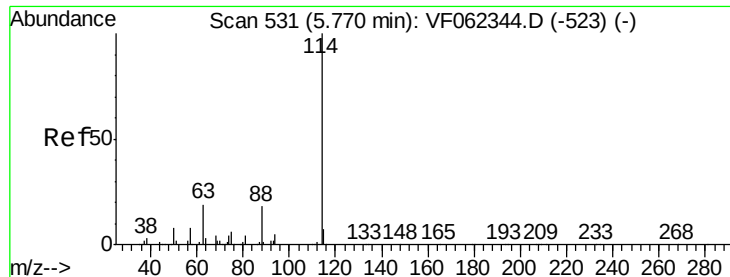
67 51.8 0.0 85.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

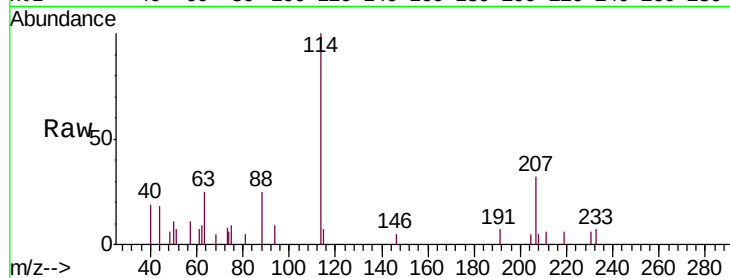




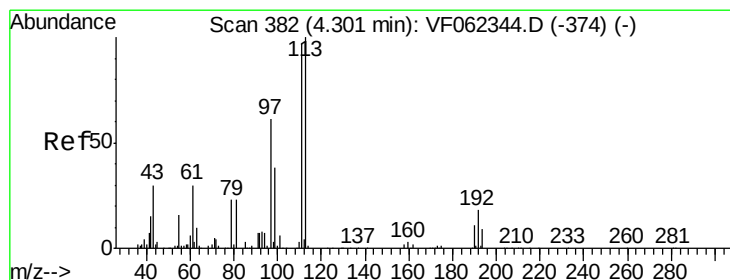
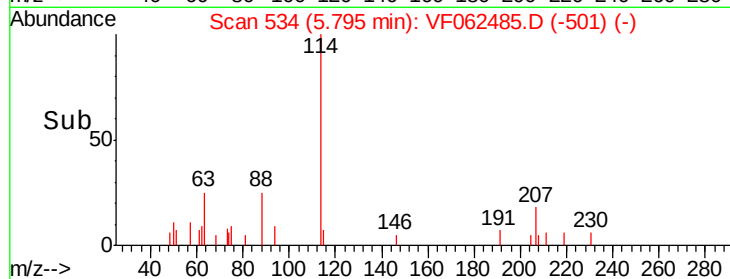
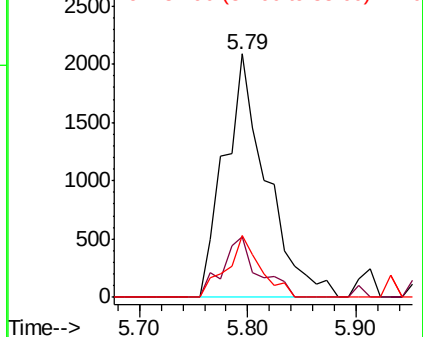
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.79 min Scan# 534
Delta R.T. 0.02 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

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

Tgt Ion:	114	Resp:	5659
Ion	Ratio	Lower	Upper
114	100		
63	25.1	0.0	37.4
88	25.2	0.0	36.4

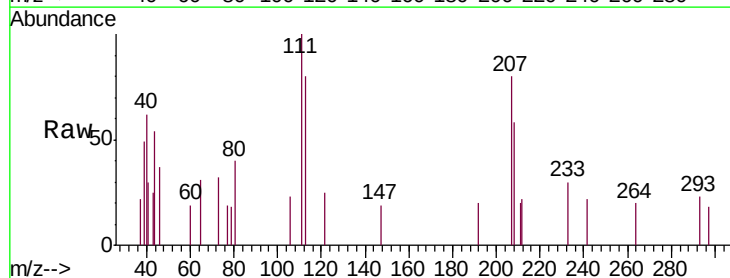


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 87.90 (87.60 to 88.60): VF0

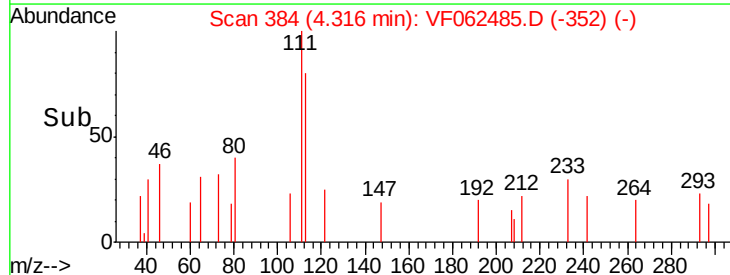
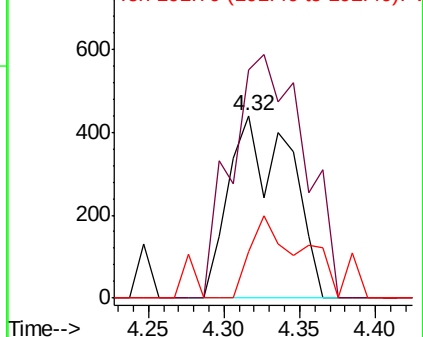


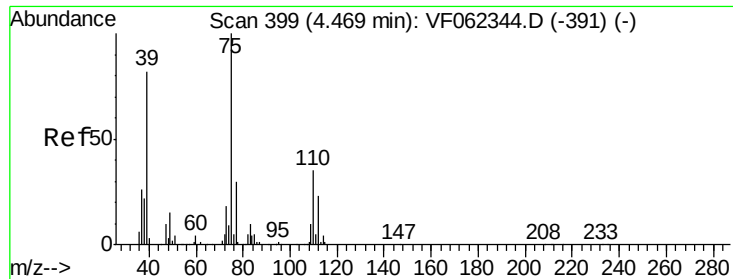
#35
Dibromofluoromethane
Concen: 27.149 ug/l
RT: 4.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

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

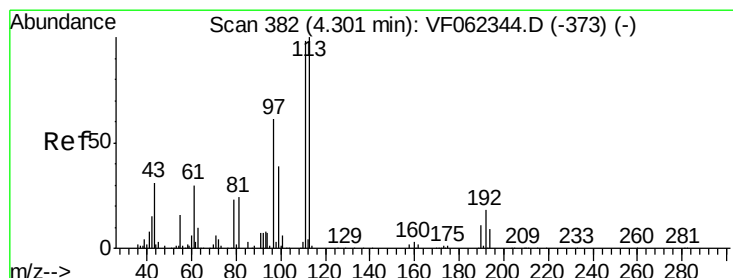
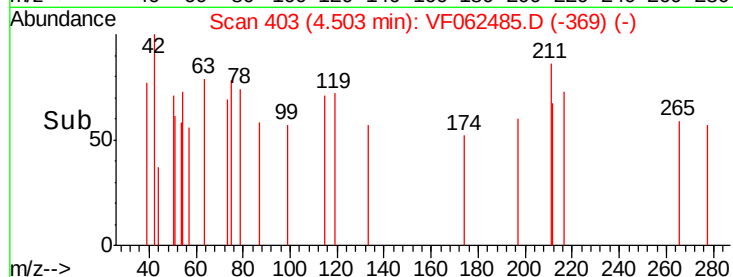
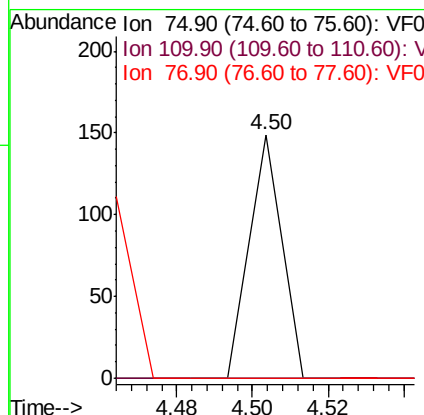
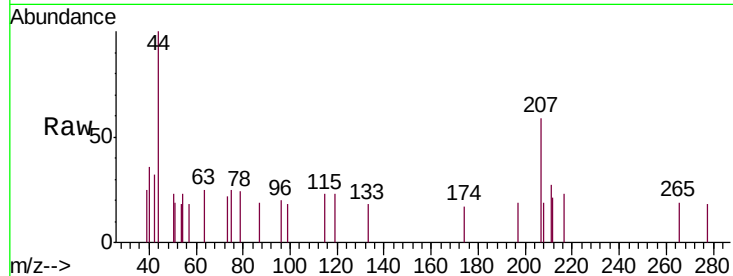




#36
 1,1-Dichloropropene
 Concen: 1.810 ug/l
 RT: 4.50 min Scan# 403
 Delta R.T. 0.03 min
 Lab File: VF062485.D
 Acq: 12 May 2019 4:19

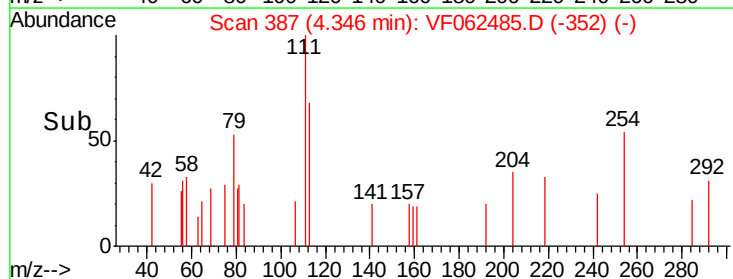
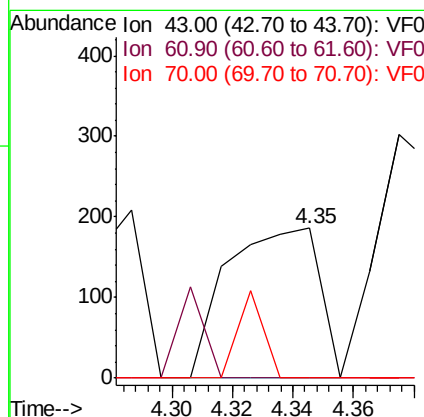
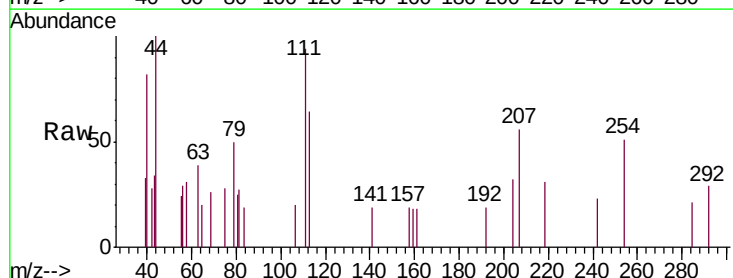
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-0206-01

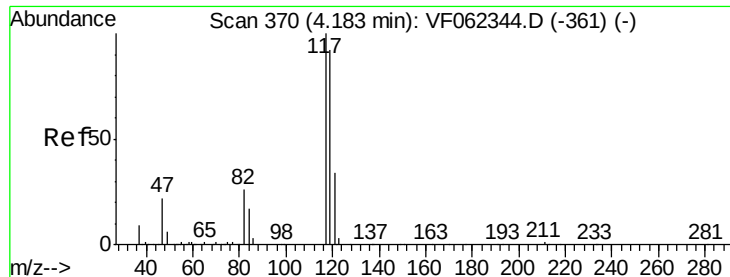
Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.2	51.5#
77	0.0	25.2	37.8#



#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	Ratio	Lower	Upper
43	100		
61	0.0	0.0	0.0
70	16.2	8.2	12.2#





#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

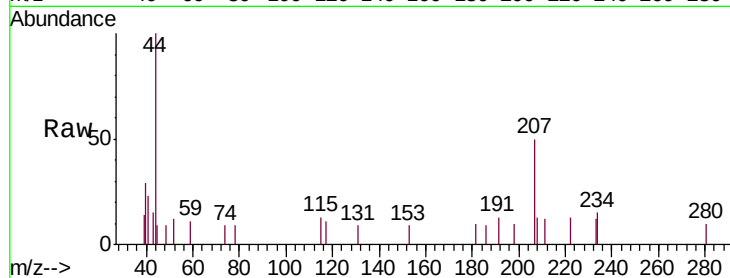
Tgt Ion: 117 Resp: 73

Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

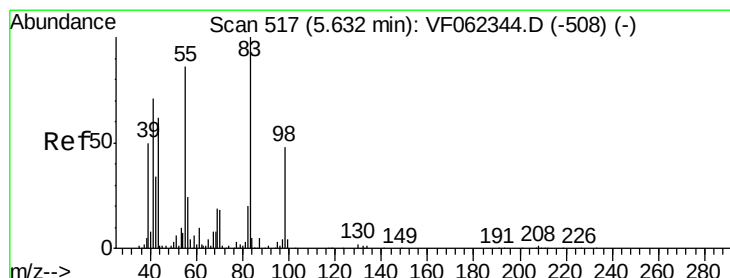
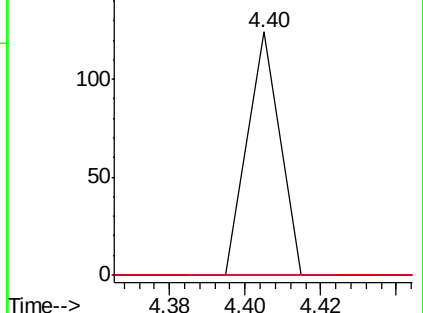
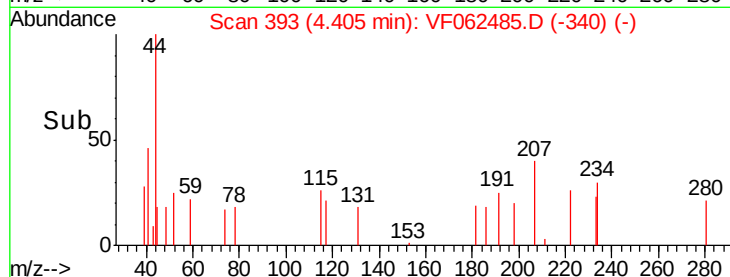
121 0.0 27.4 41.0#



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

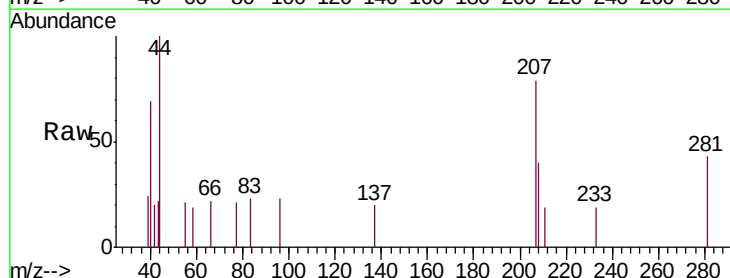
Tgt Ion: 83 Resp: 73

Ion Ratio Lower Upper

83 100

55 91.1 69.0 103.6

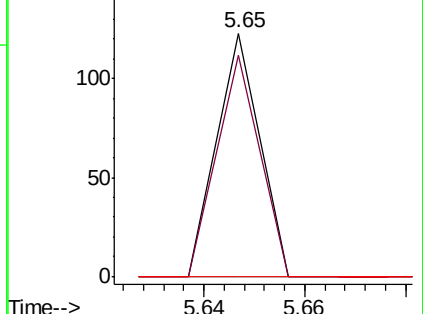
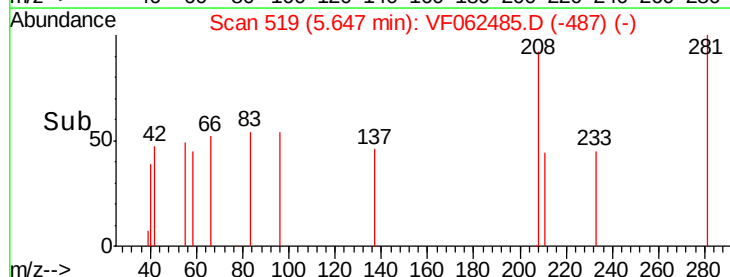
98 0.0 38.6 58.0#

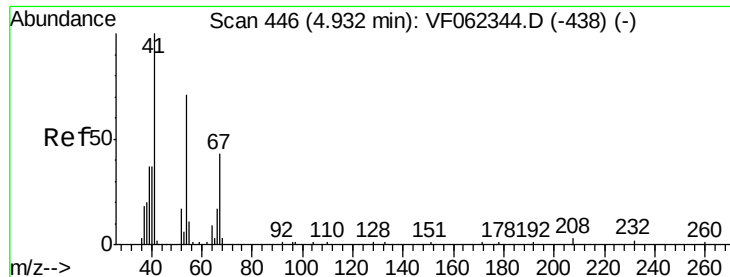


Abundance Ion 83.00 (82.70 to 83.70): VF0

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

Tgt Ion: 41 Resp: 489

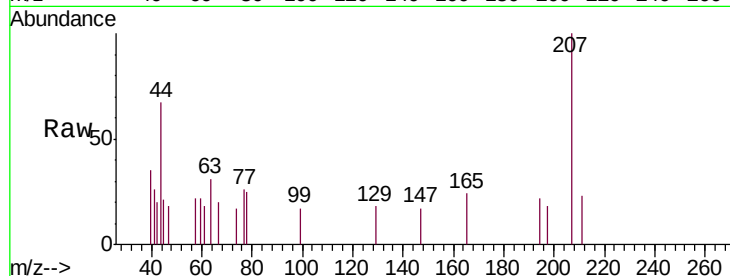
Ion Ratio Lower Upper

41 100

39 22.1 54.3 81.5#

67 14.7 37.8 56.8#

52 0.0 58.2 87.4#

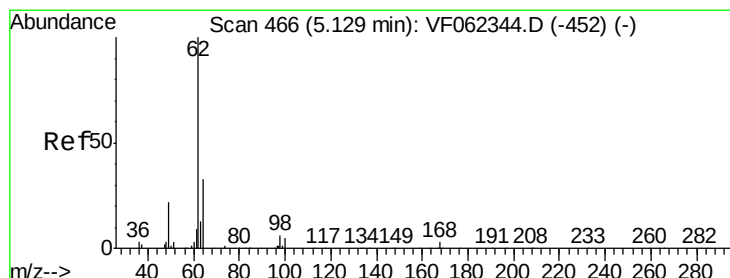
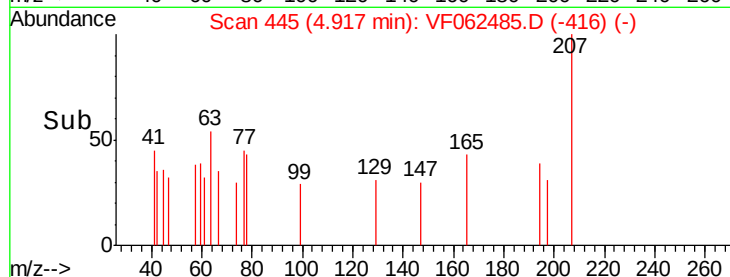
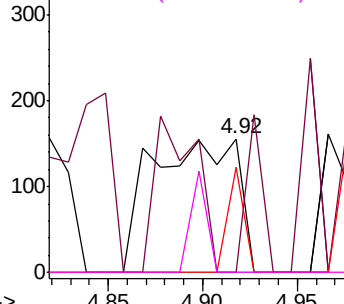


Abundance Ion 41.00 (40.70 to 41.70): VF0

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

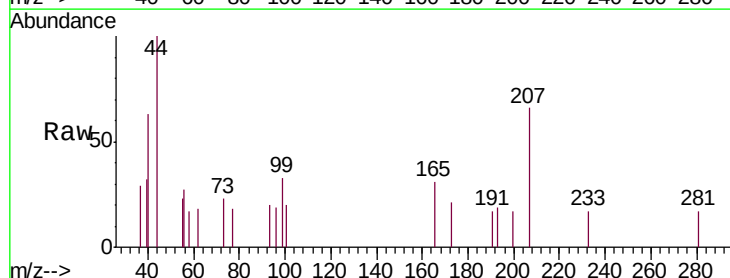
Acq: 12 May 2019 4:19

Tgt Ion: 62 Resp: 66

Ion Ratio Lower Upper

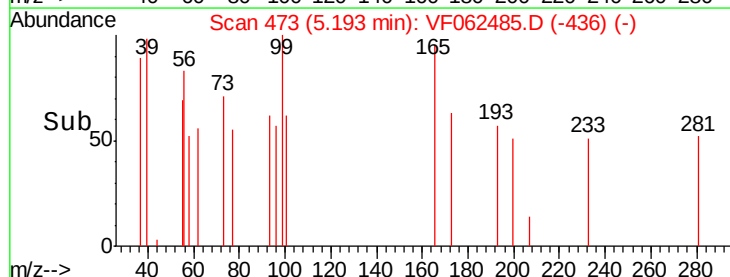
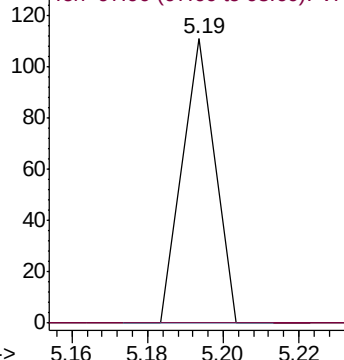
62 100

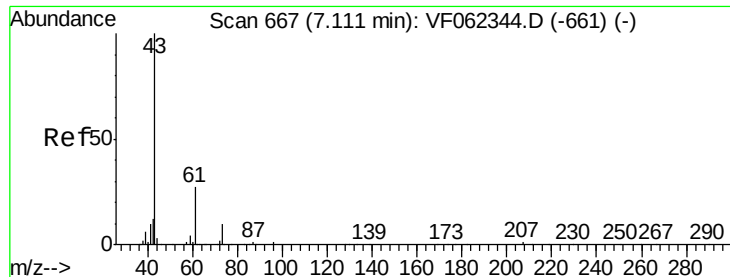
98 0.0 0.0 12.4



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

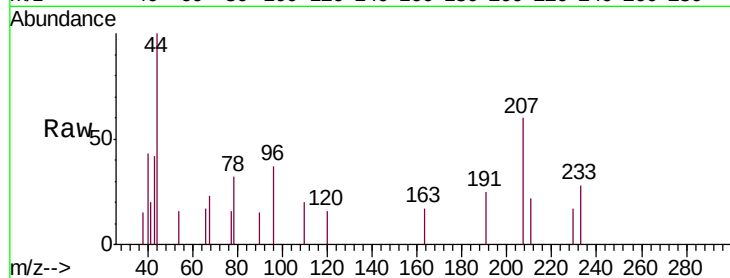
Tgt Ion: 43 Resp: 584

Ion Ratio Lower Upper

43 100

61 0.0 22.8 34.2#

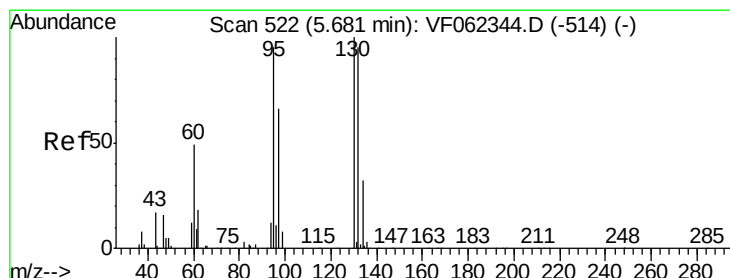
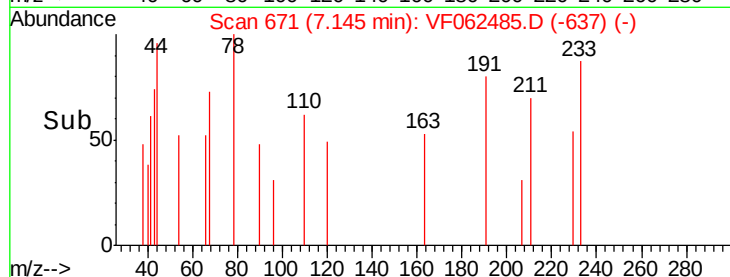
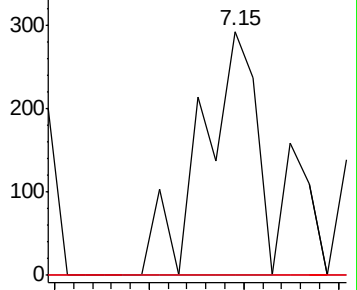
87 0.0 0.6 1.0#



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

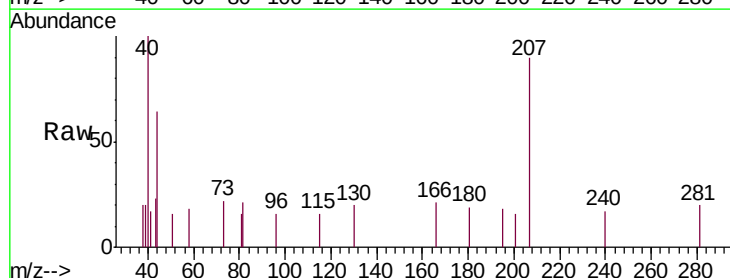
Acq: 12 May 2019 4:19

Tgt Ion: 130 Resp: 79

Ion Ratio Lower Upper

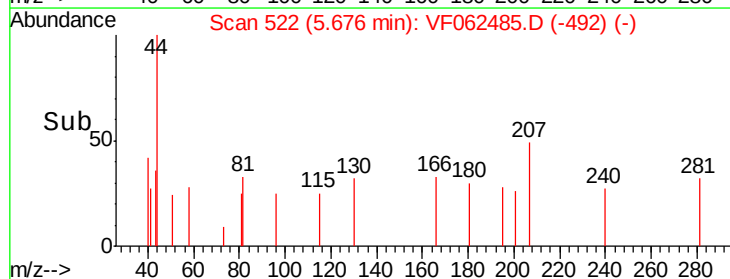
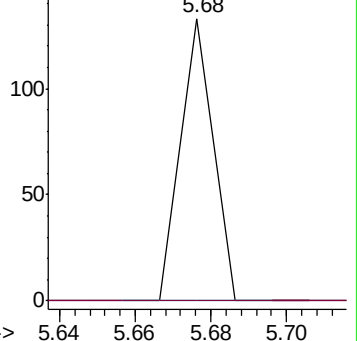
130 100

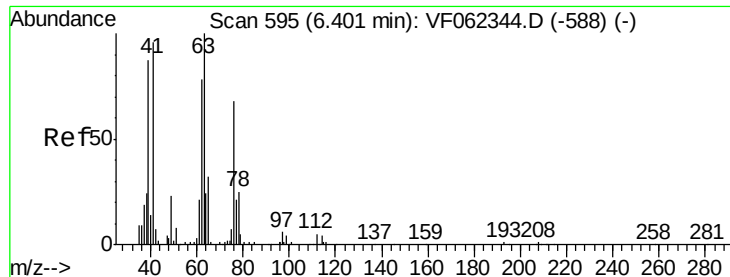
95 0.0 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VF0

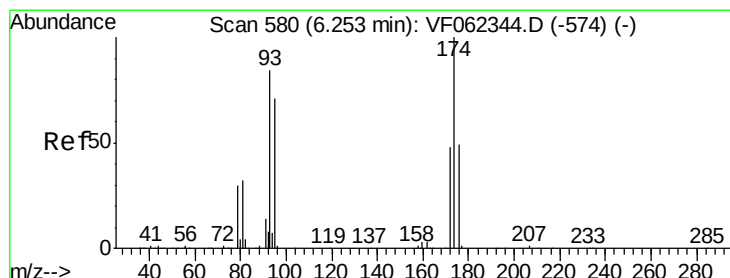
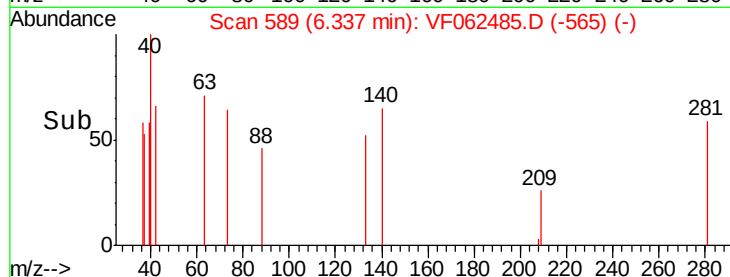
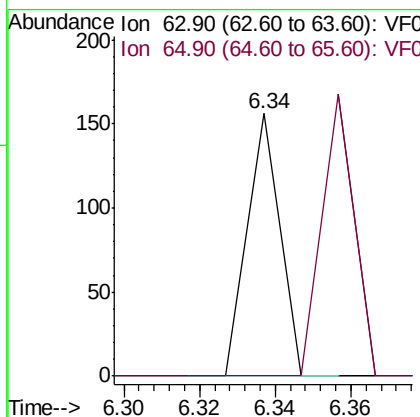
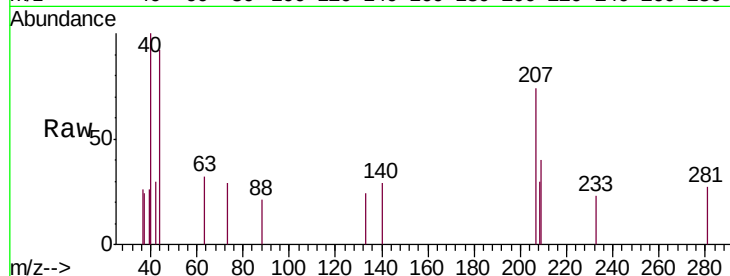




#45
 1,2-Dichloropropane
 Concen: 3.794 ug/l
 RT: 6.34 min Scan# 589
 Delta R.T. -0.06 min
 Lab File: VF062485.D
 Acq: 12 May 2019 4:19

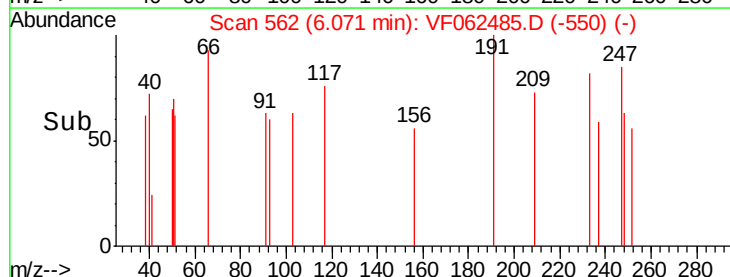
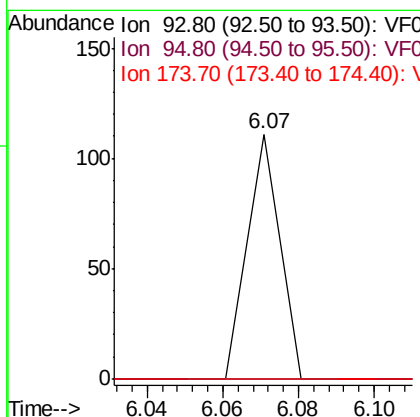
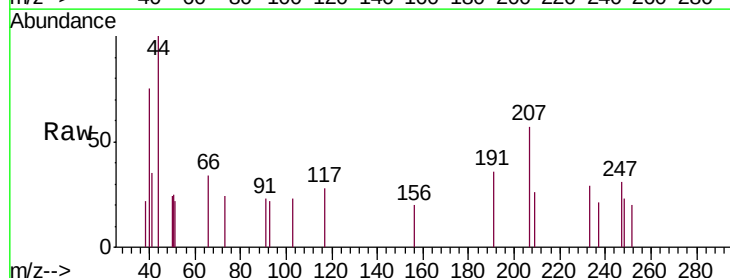
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-0206-01

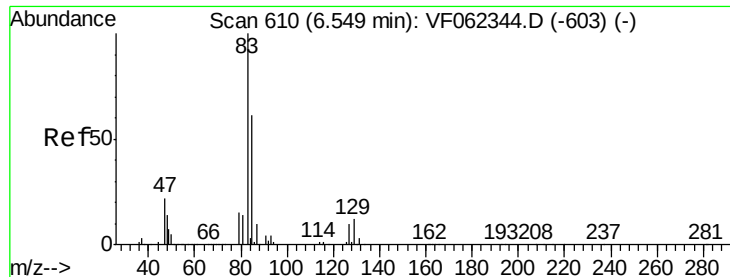
Tgt Ion: 63 Resp: 92
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.6 38.4#



#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#





#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

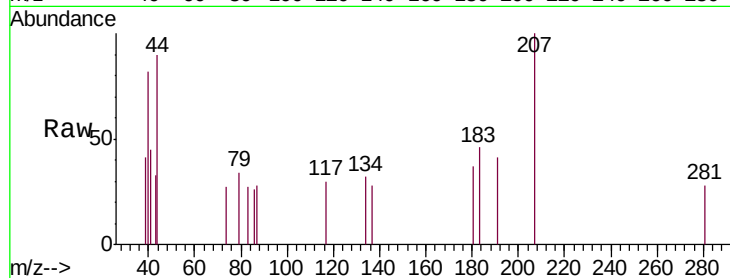
Tgt Ion: 83 Resp: 63

Ion Ratio Lower Upper

83 100

85 0.0 49.1 73.7#

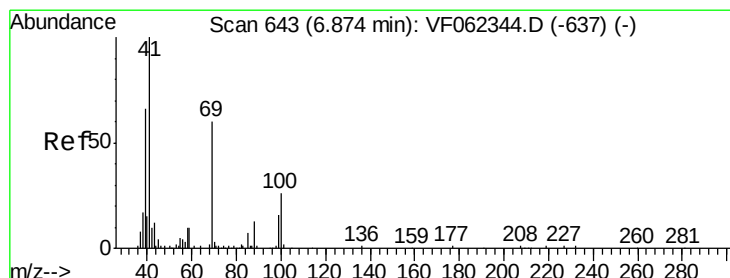
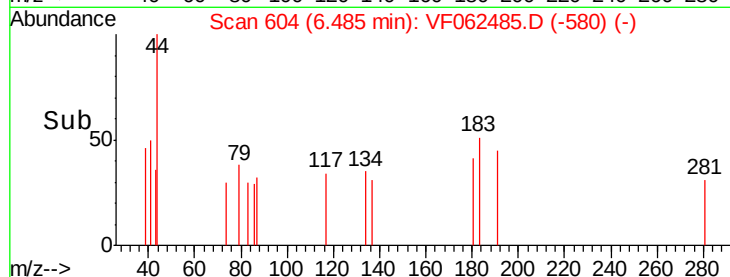
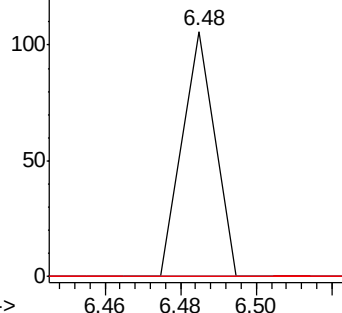
127 0.0 7.8 11.8#



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

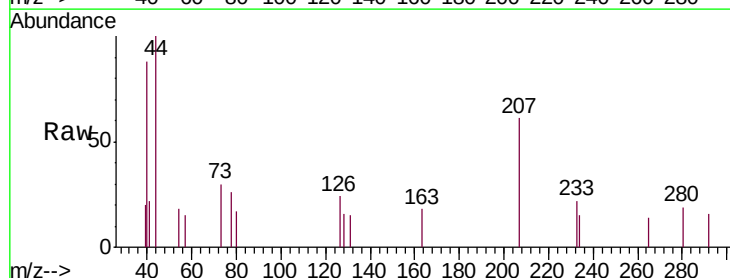
Tgt Ion: 41 Resp: 160

Ion Ratio Lower Upper

41 100

69 0.0 48.6 72.8#

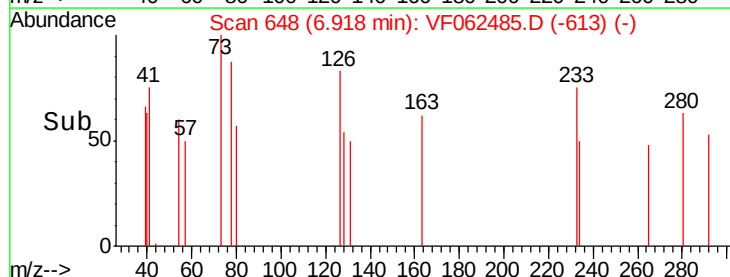
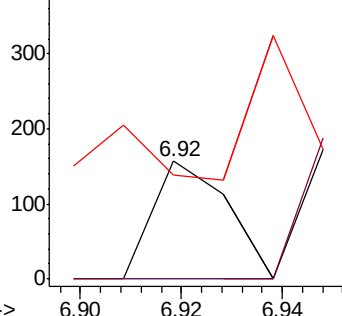
39 0.0 56.1 84.1#

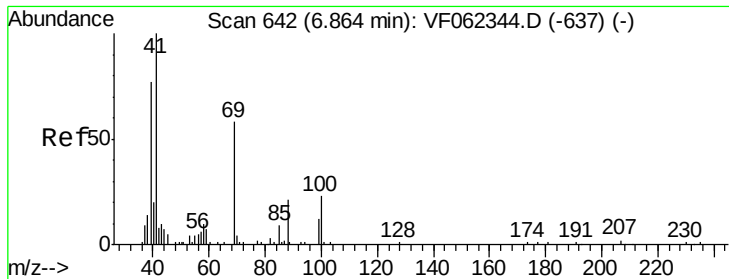


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

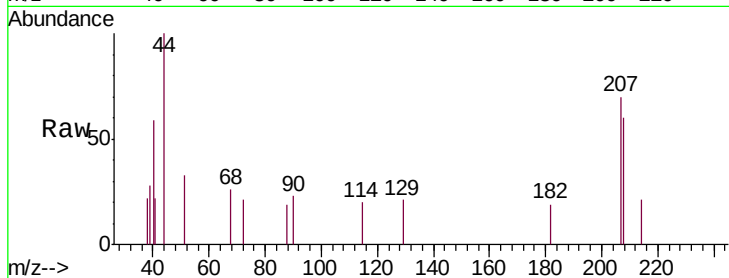




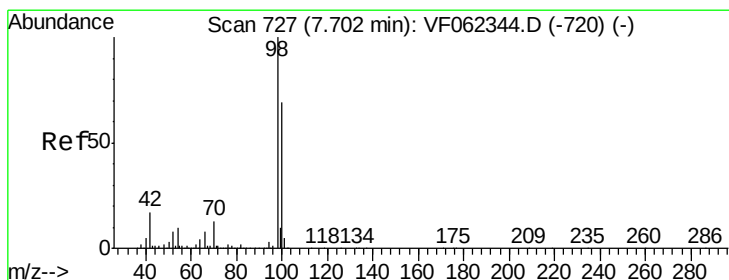
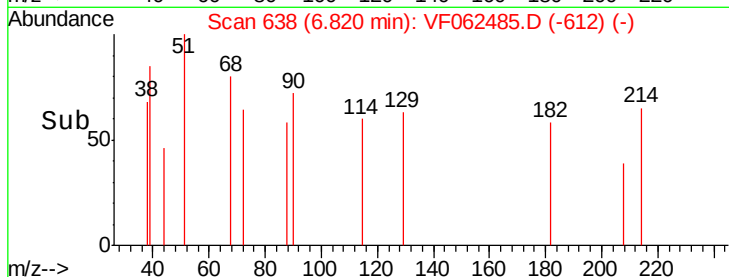
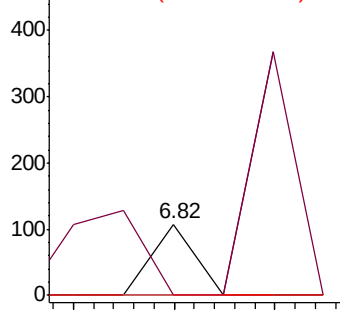
#49
1,4-Dioxane
Concen: 383.960 ug/l
RT: 6.82 min Scan# 638
Delta R.T. -0.04 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

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

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

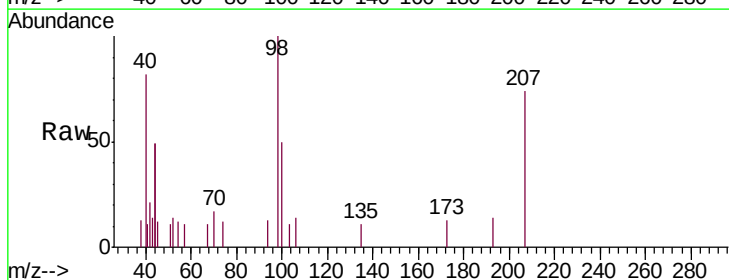


Abundance Ion 88.00 (87.70 to 88.70): VF0
Ion 43.00 (42.70 to 43.70): VF0
Ion 58.00 (57.70 to 58.70): VF0

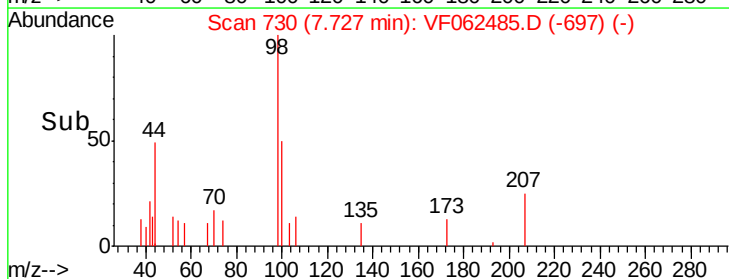
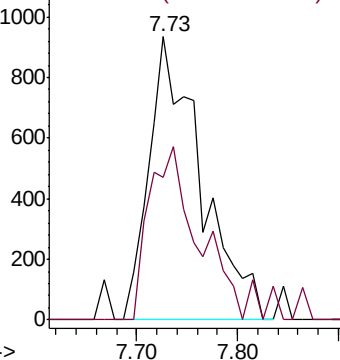


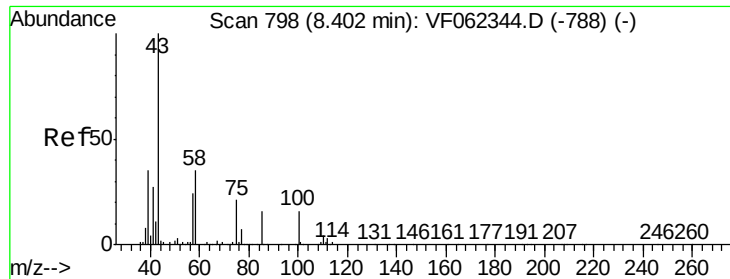
#50
Toluene-d8
Concen: 30.834 ug/l
RT: 7.73 min Scan# 730
Delta R.T. 0.02 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

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 :

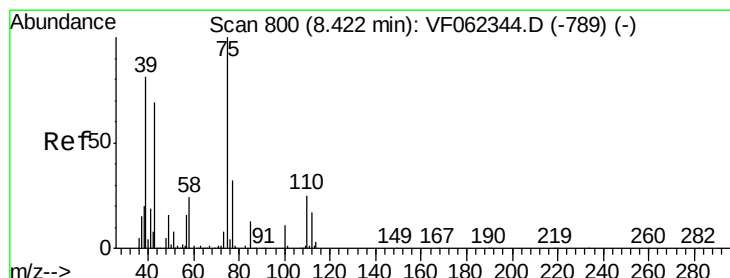
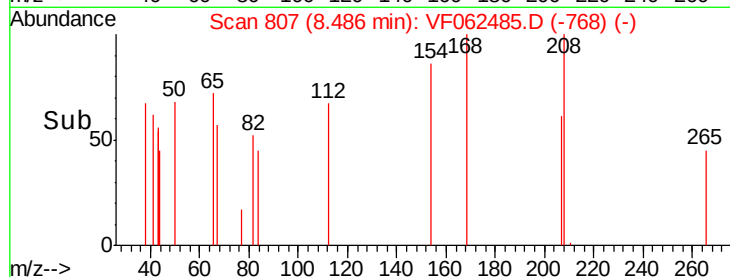
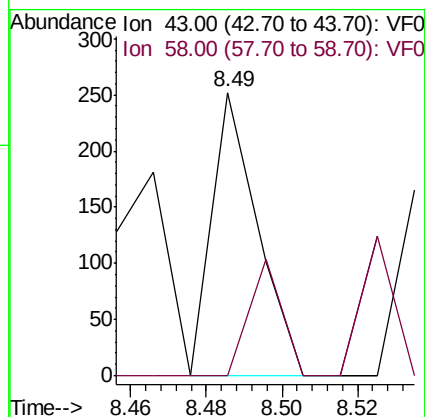
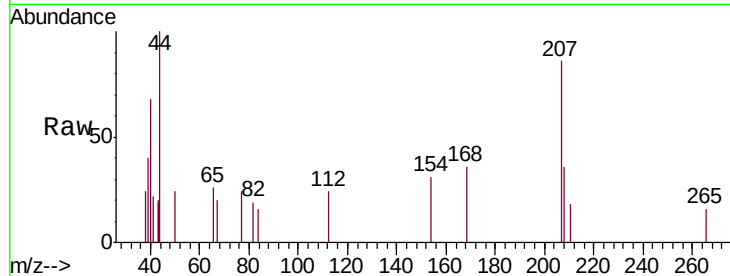
P021-SS005-0206-01

Tgt 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

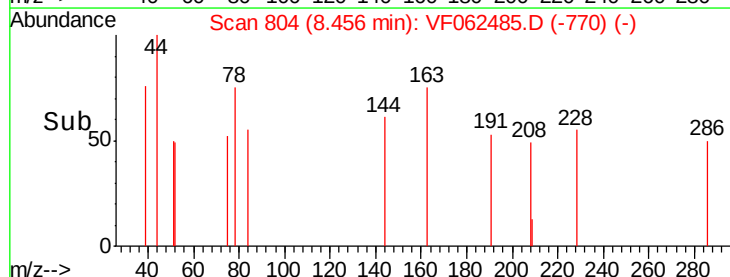
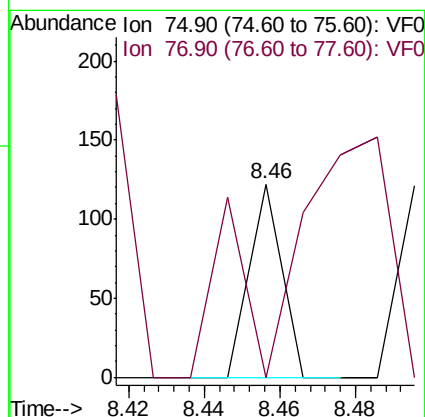
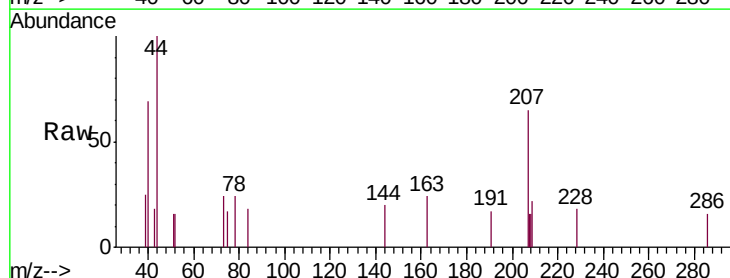
Acq: 12 May 2019 4:19

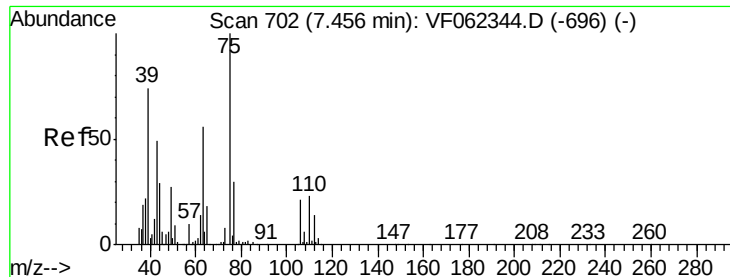
Tgt Ion: 75 Resp: 72

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 :

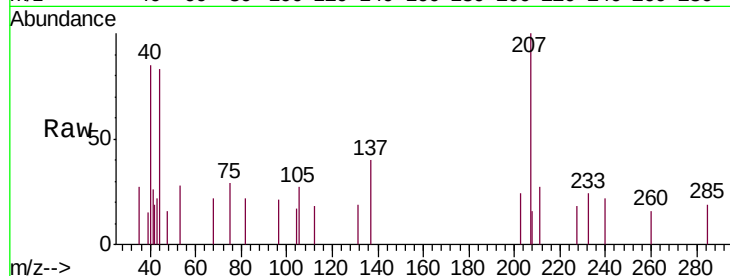
MSVOA_F

ClientSampleId :

P021-SS005-0206-01

Tgt Ion: 75 Resp: 111

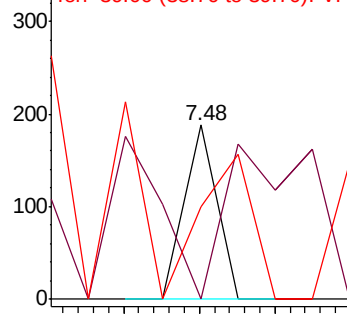
Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.0	36.0#
39	53.2	58.7	88.1#



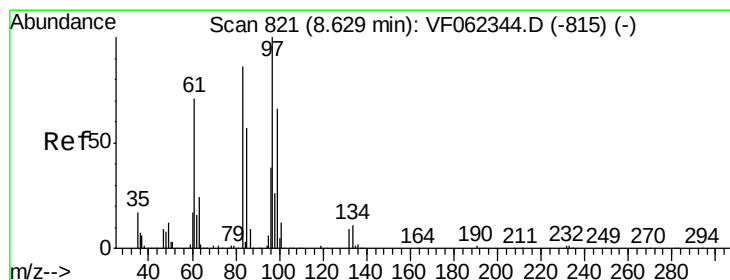
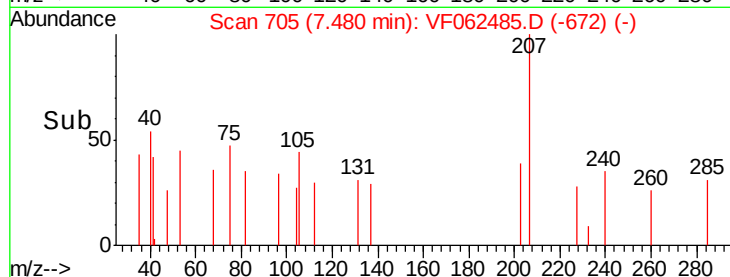
Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 76.90 (76.60 to 77.60): VF0

Ion 39.00 (38.70 to 39.70): VF0



Time-->



#55

1,1,2-Trichloroethane

Concen: 5.963 ug/l

RT: 8.62 min Scan# 821

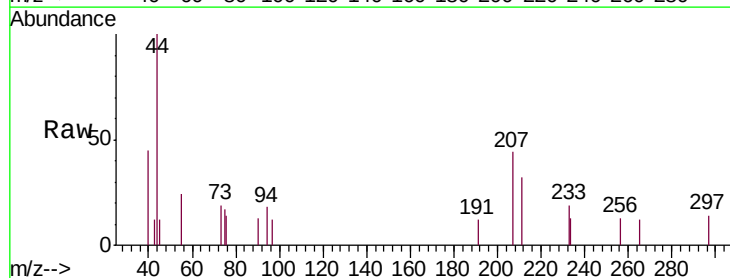
Delta R.T. -0.01 min

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#

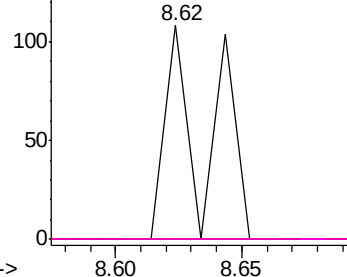


Abundance Ion 96.90 (96.60 to 97.60): VF0

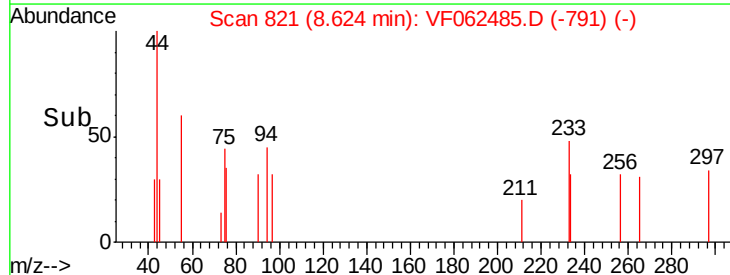
Ion 82.90 (82.60 to 83.60): VF0

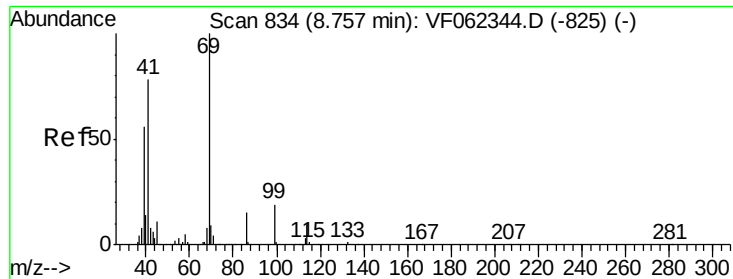
Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



Time-->





#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

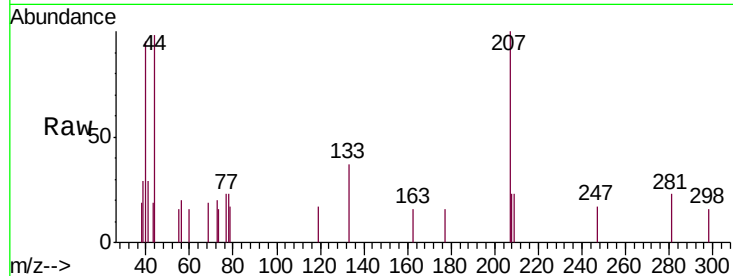
Tgt Ion: 69 Resp: 76

Ion Ratio Lower Upper

69 100

41 0.0 66.3 99.5#

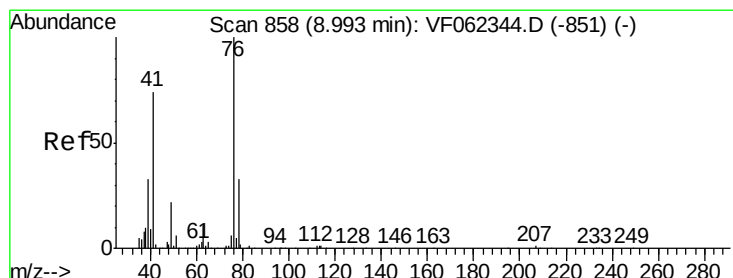
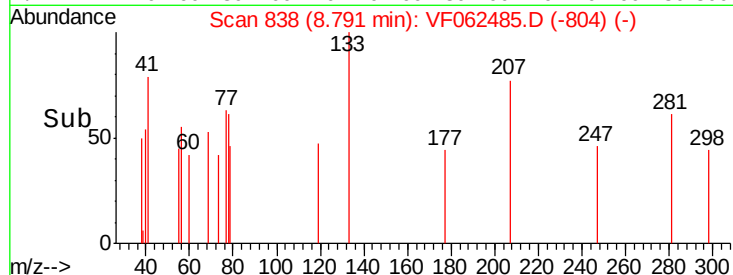
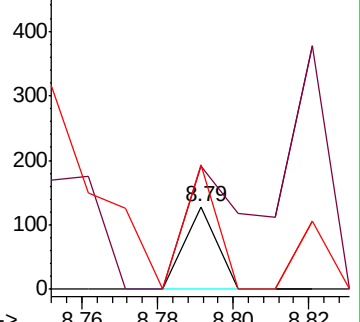
39 0.0 50.1 75.1#



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

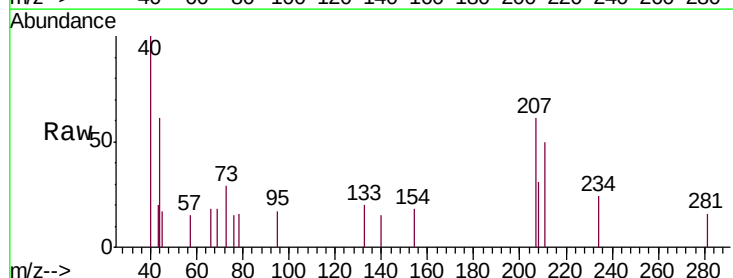
Acq: 12 May 2019 4:19

Tgt Ion: 76 Resp: 62

Ion Ratio Lower Upper

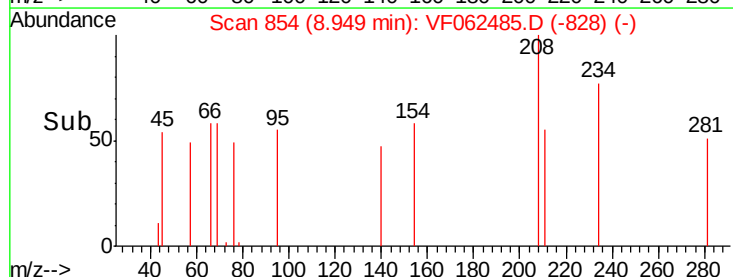
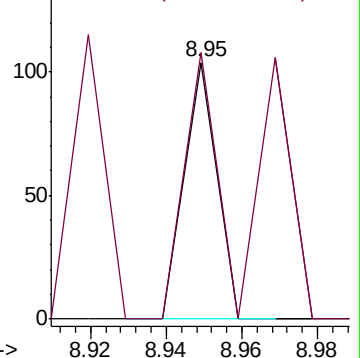
76 100

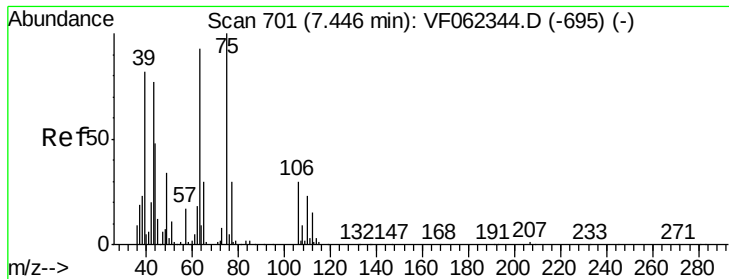
78 204.8 26.4 39.6#



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 :

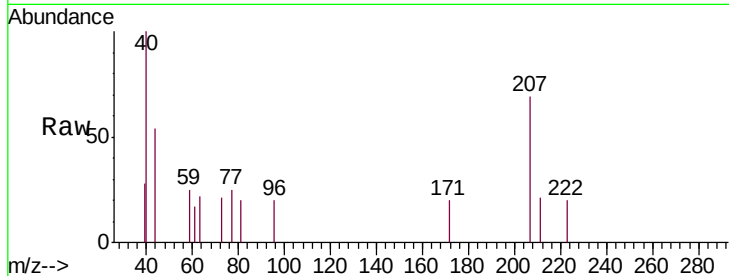
P021-SS005-0206-01

Tgt Ion: 63 Resp: 76

Ion Ratio Lower Upper

63 100

106 94.7 25.8 38.8#



Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 105.90 (105.60 to 106.60): V

7.34

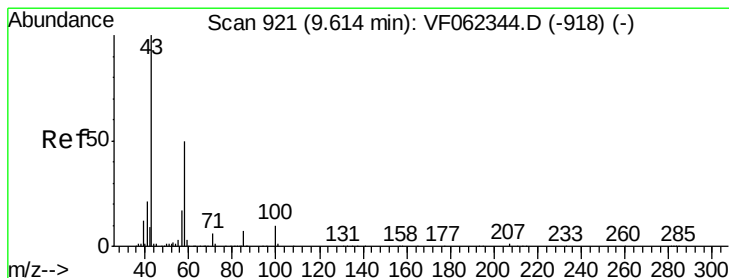
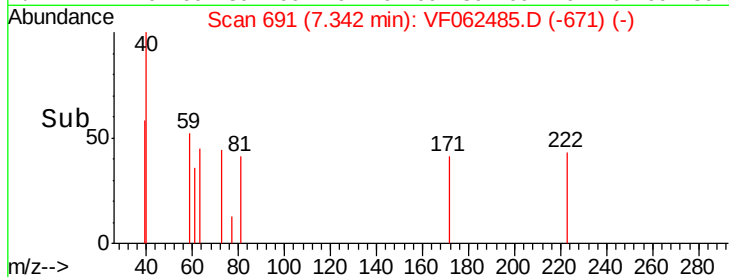
100

50

0

7.32 7.34 7.36

Time-->



#59

2-Hexanone

Concen: 11.650 ug/l

RT: 9.86 min Scan# 946

Delta R.T. 0.24 min

Lab File: VF062485.D

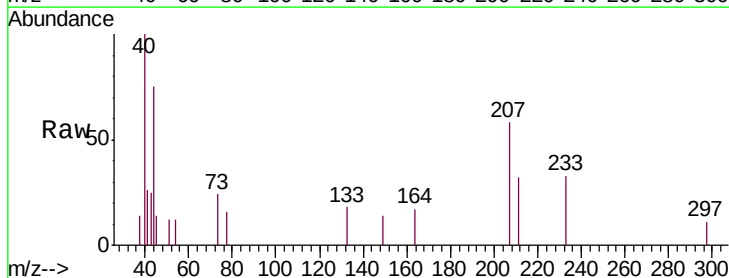
Acq: 12 May 2019 4:19

Tgt Ion: 43 Resp: 135

Ion Ratio Lower Upper

43 100

58 45.2 24.3 73.0



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

9.86

250

200

150

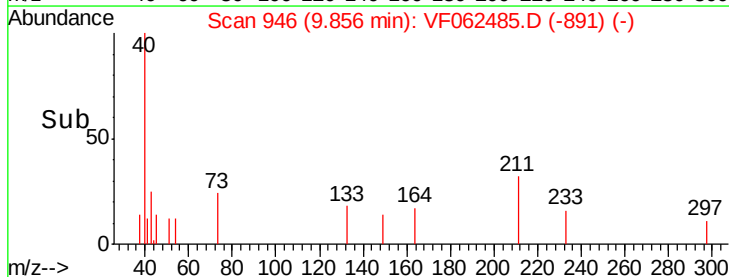
100

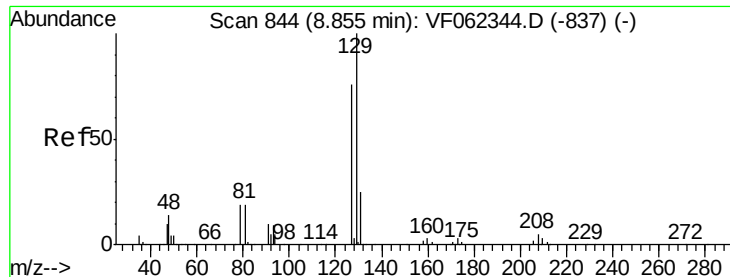
50

0

9.82 9.84 9.86 9.88

Time-->





#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 :

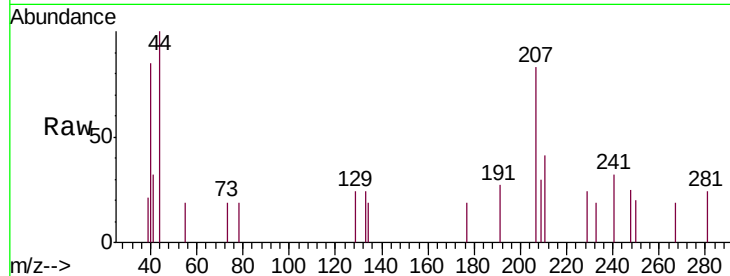
P021-SS005-0206-01

Tgt 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

Ion 126.80 (126.50 to 127.50): V

9.01

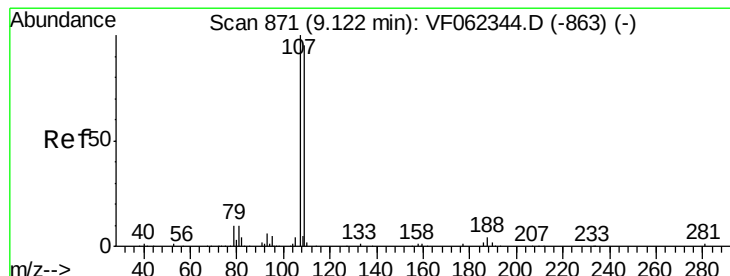
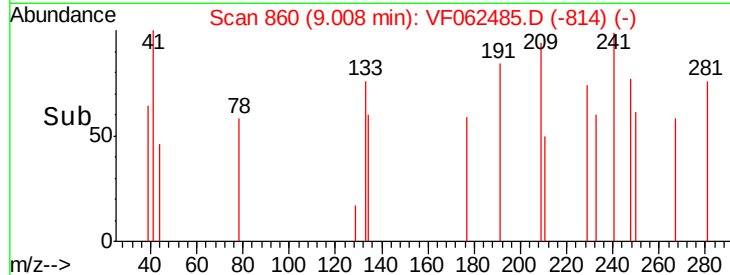
150

100

50

0

Time-->



#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

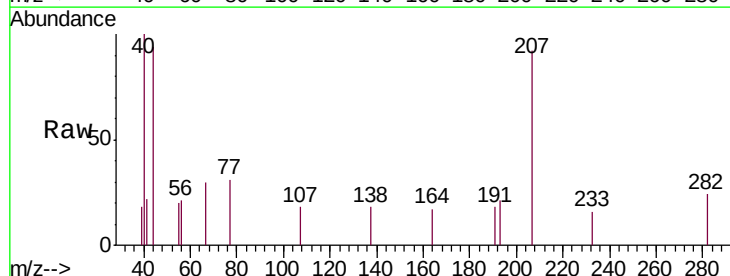
Acq: 12 May 2019 4:19

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

Ion 108.80 (108.50 to 109.50): V

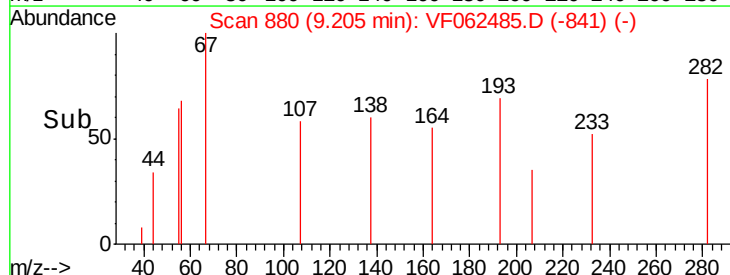
9.21

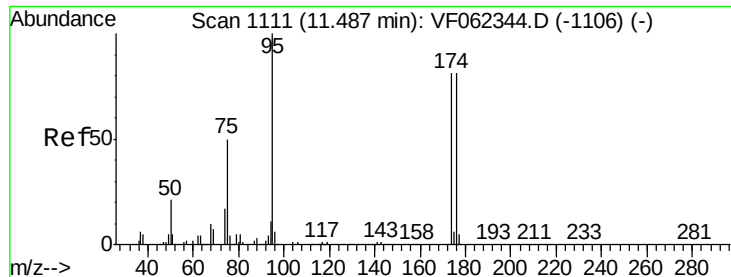
100

50

0

Time-->





#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

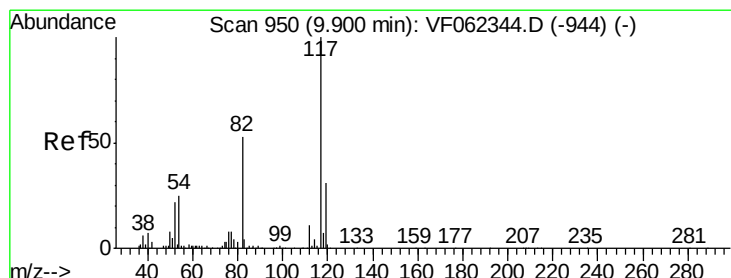
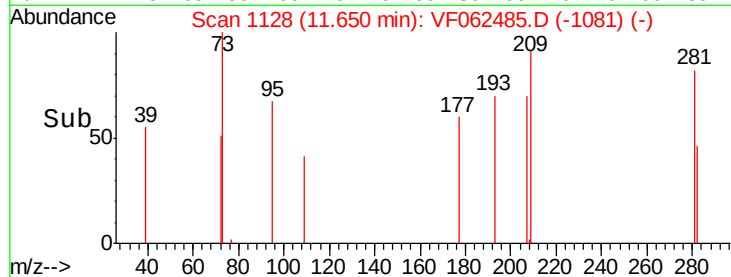
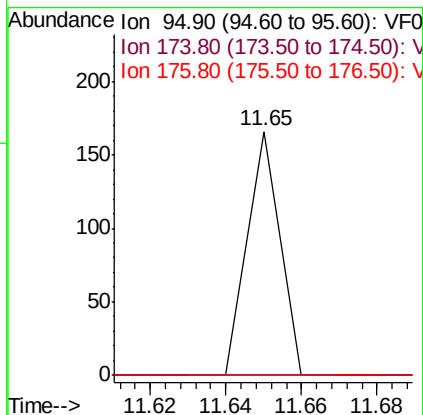
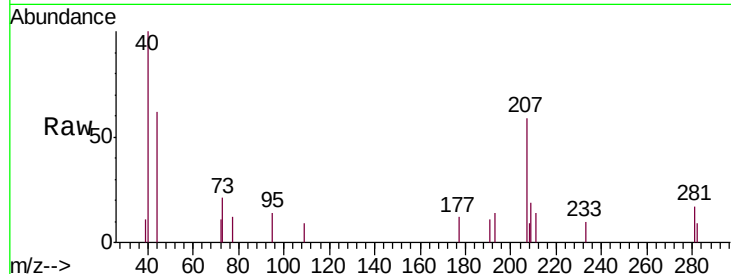
Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

Tgt Ion:	95	Resp:	98
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

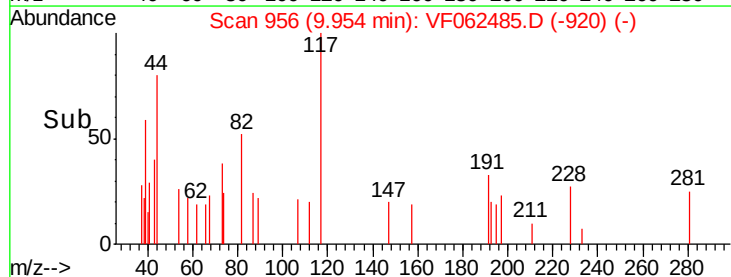
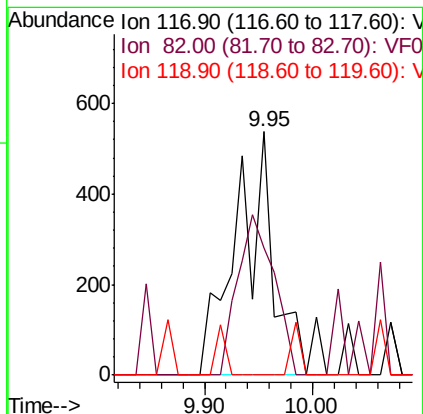
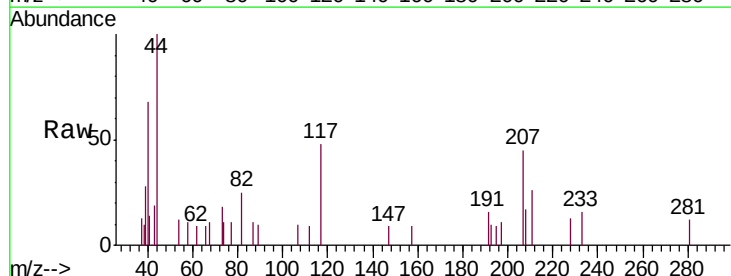
RT: 9.95 min Scan# 956

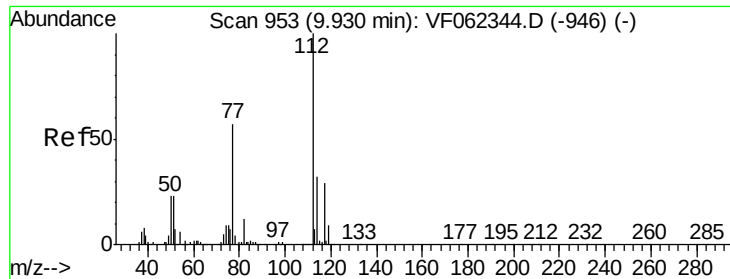
Delta R.T. 0.05 min

Lab File: VF062485.D

Acq: 12 May 2019 4:19

Tgt Ion:	117	Resp:	1355
Ion Ratio	Lower	Upper	
117	100		
82	52.4	42.2	63.2
119	0.0	25.0	37.4#

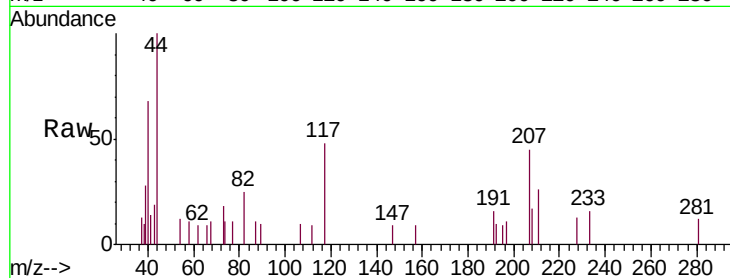




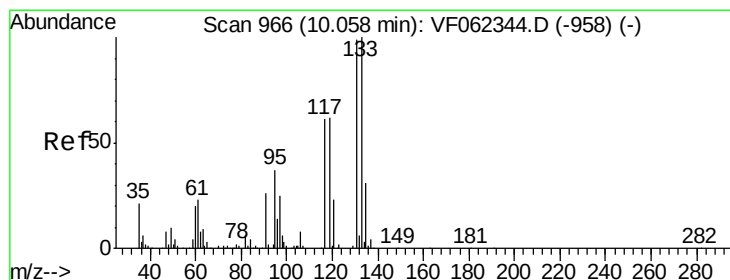
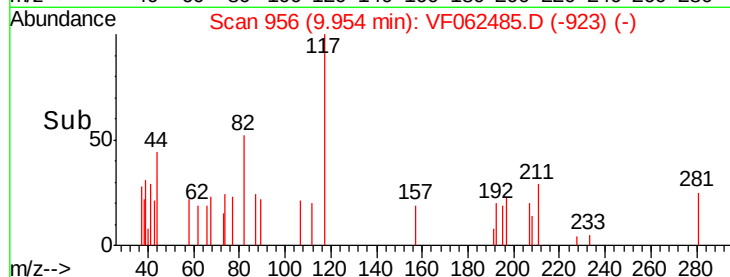
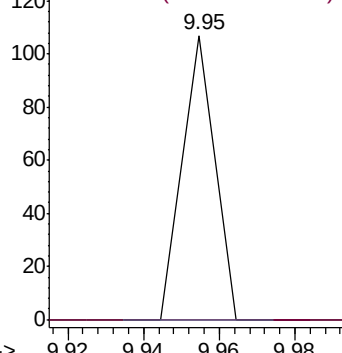
#65
Chlorobenzene
Concen: 2.810 ug/l
RT: 9.95 min Scan# 956
Delta R.T. 0.02 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

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

Tgt Ion:112 Resp: 63
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.0#

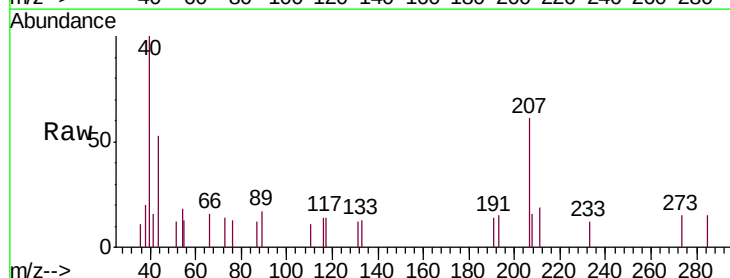


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

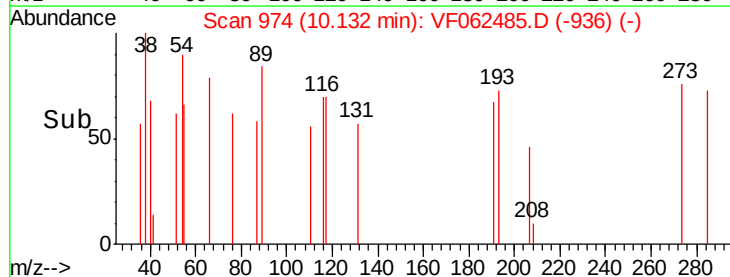
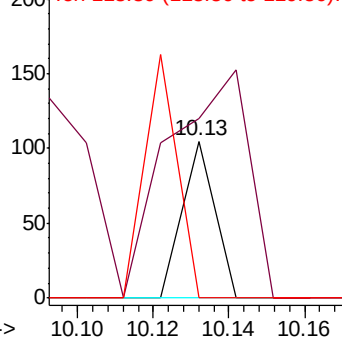


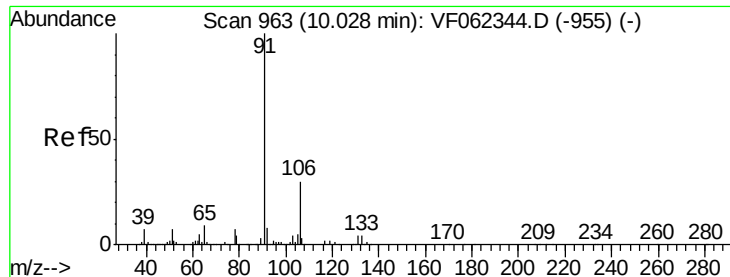
#66
1,1,1,2-Tetrachloroethane
Concen: 5.482 ug/l
RT: 10.13 min Scan# 974
Delta R.T. 0.07 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

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

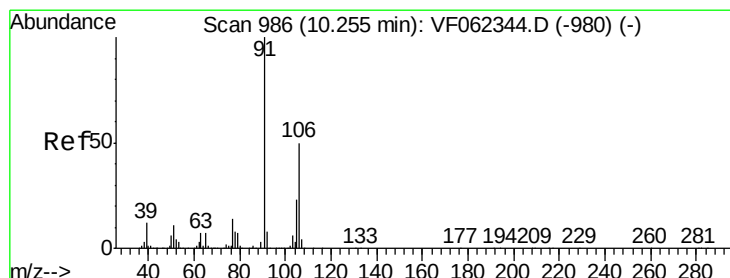
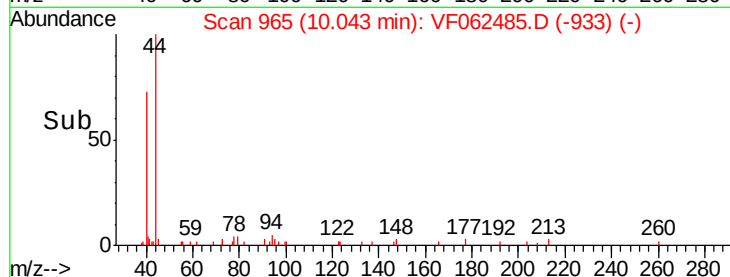
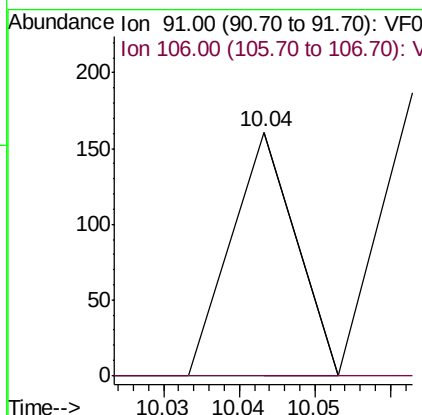
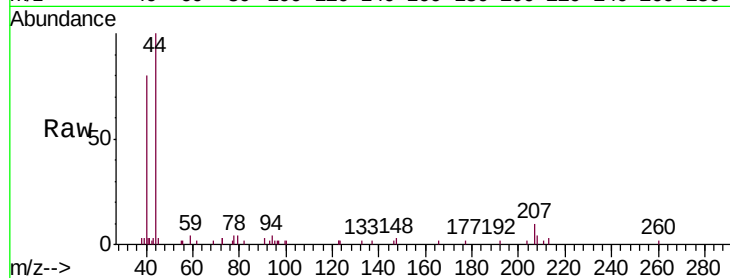




#67
Ethyl Benzene
Concen: 2.420 ug/l
RT: 10.04 min Scan# 965
Delta R.T. 0.01 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

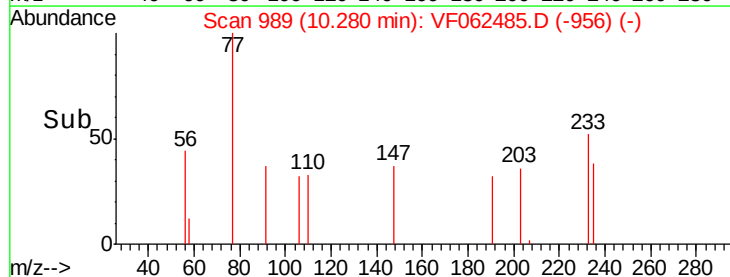
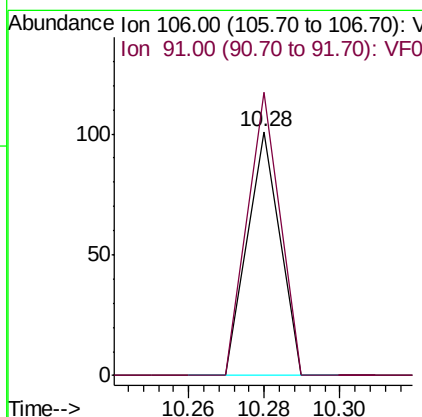
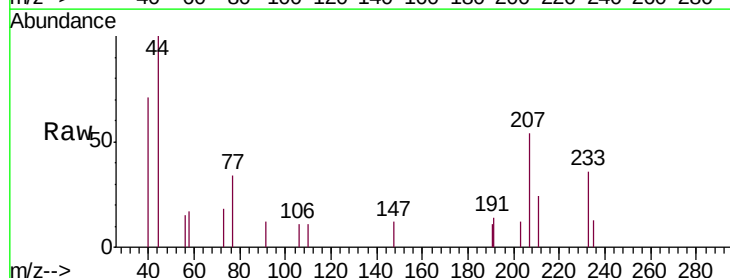
Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0206-01

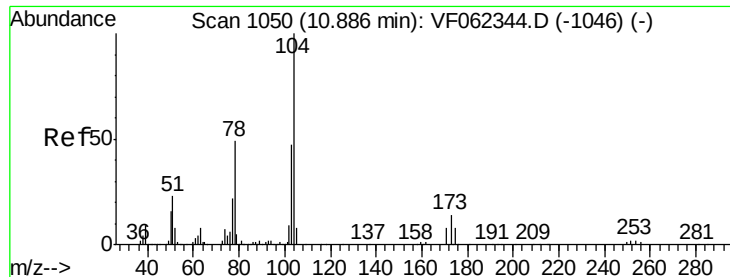
Tgt Ion: 91 Resp: 95
Ion Ratio Lower Upper
91 100
106 0.0 24.1 36.1#



#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#





#70

Styrene

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

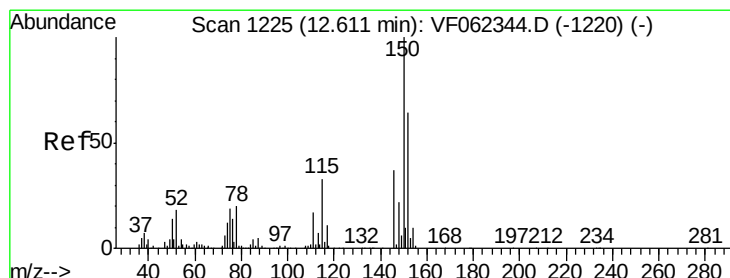
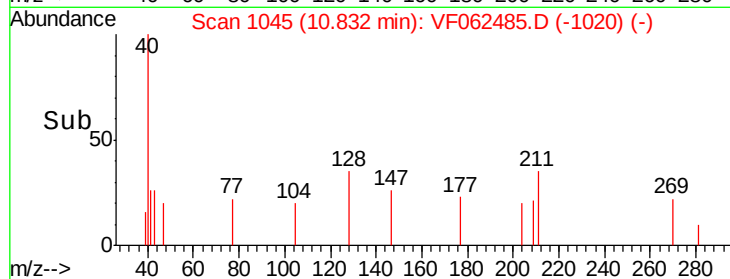
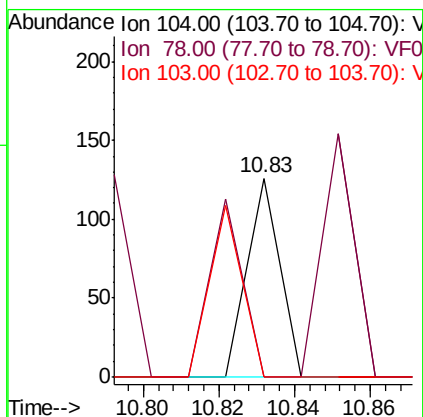
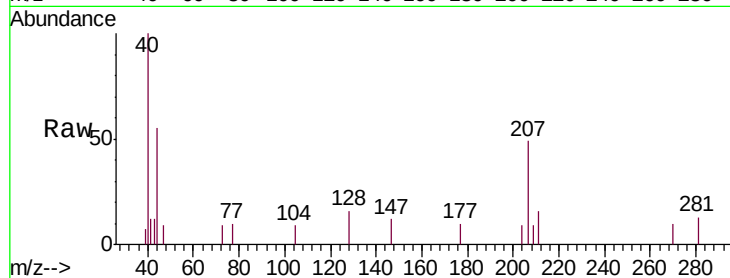
Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01

Tgt Ion:	104	Resp:	75
Ion Ratio	Lower	Upper	
104	100		
78	89.3	39.5	59.3#
103	85.3	38.4	57.6#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

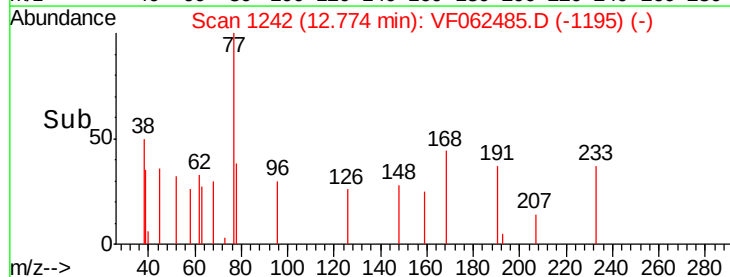
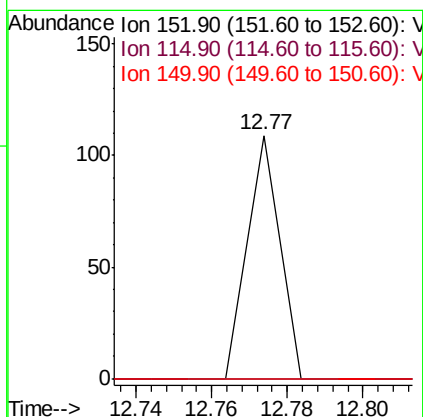
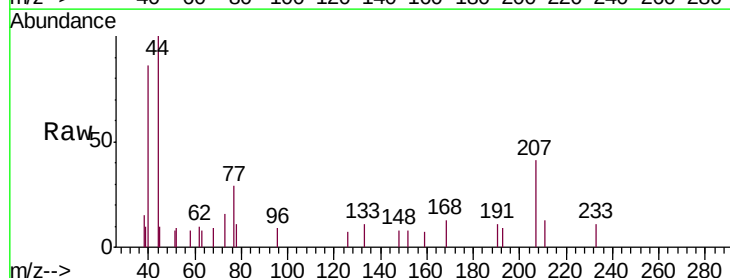
RT: 12.77 min Scan# 1242

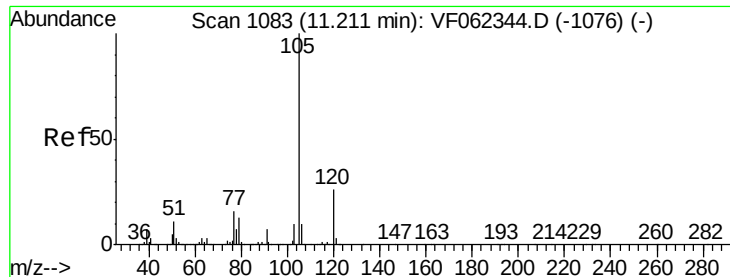
Delta R.T. 0.16 min

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





#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 :

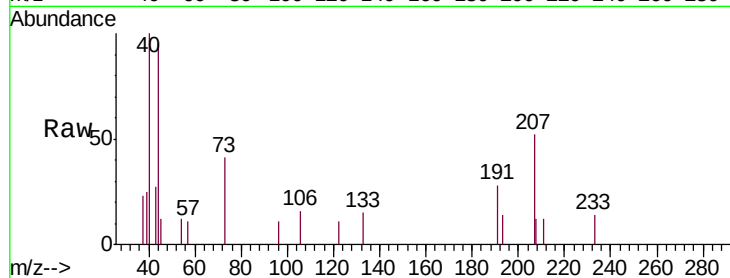
P021-SS005-0206-01

Tgt 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

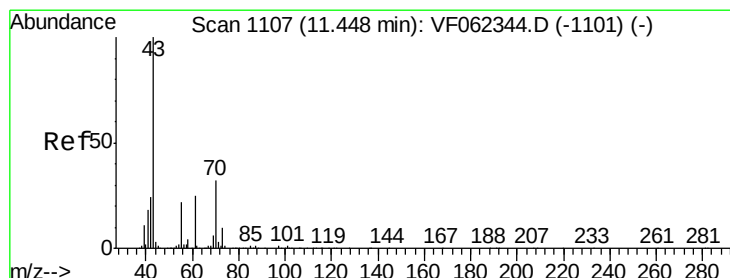
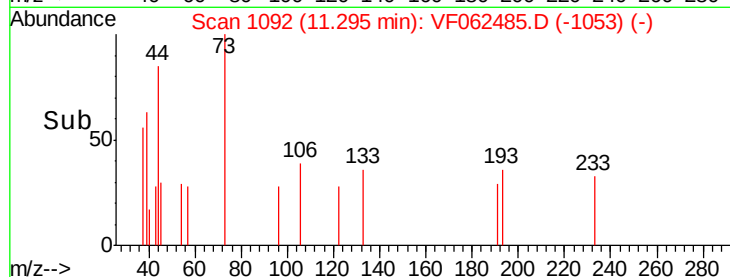
150

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

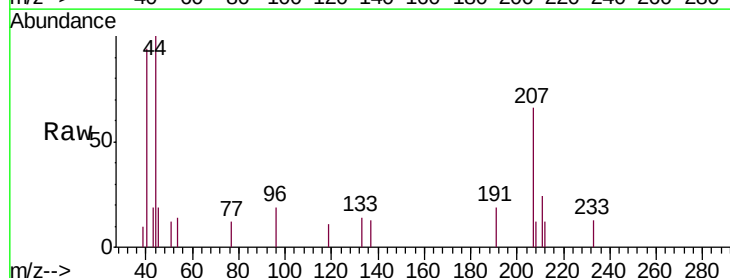
Ion Ratio Lower Upper

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

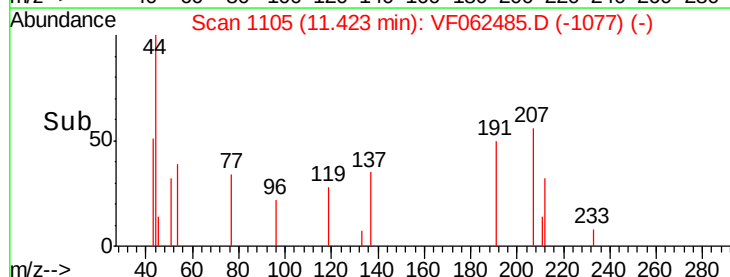
300

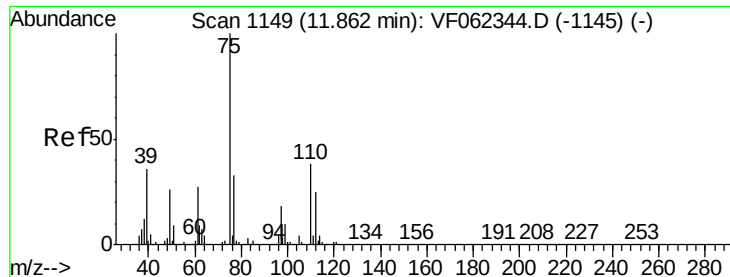
200

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 :

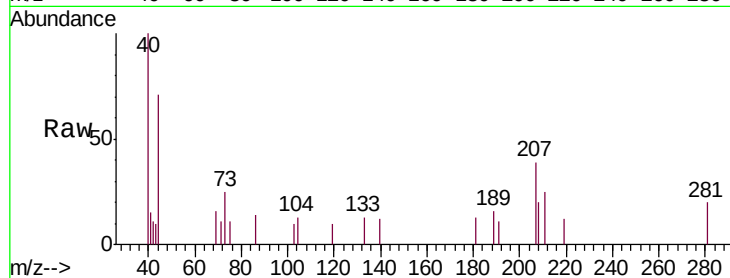
P021-SS005-0206-01

Tgt Ion: 75 Resp: 71

Ion Ratio Lower Upper

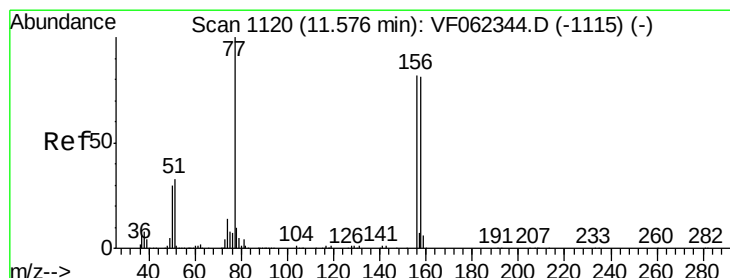
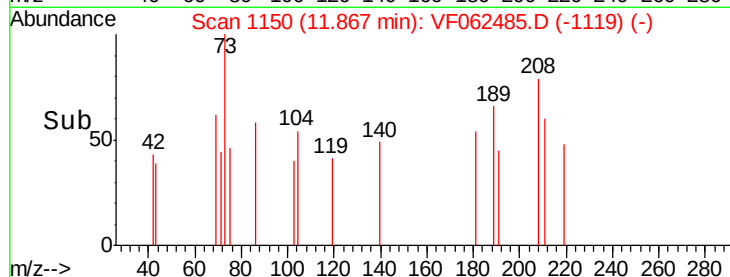
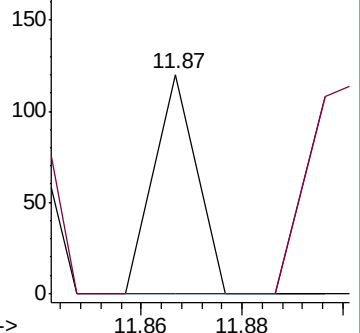
75 100

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

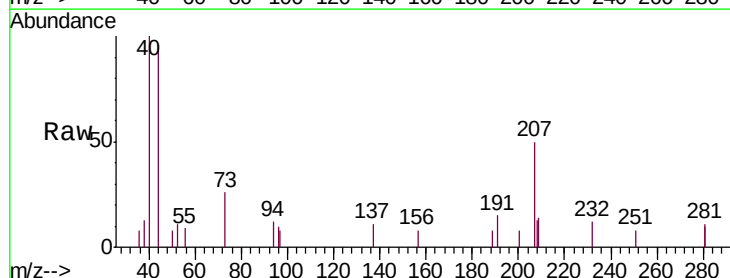
Tgt Ion: 156 Resp: 65

Ion Ratio Lower Upper

156 100

77 318.5 64.8 194.3#

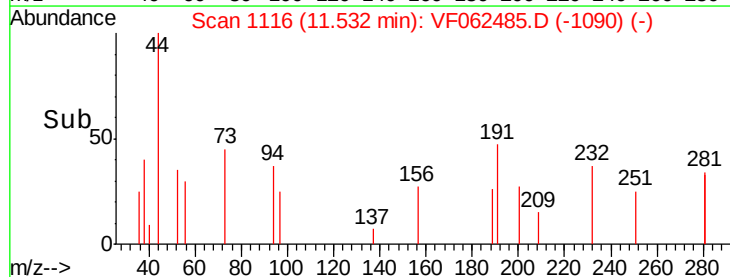
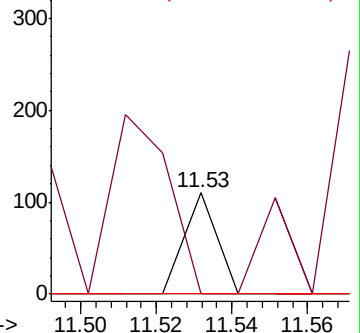
158 0.0 49.1 147.3#

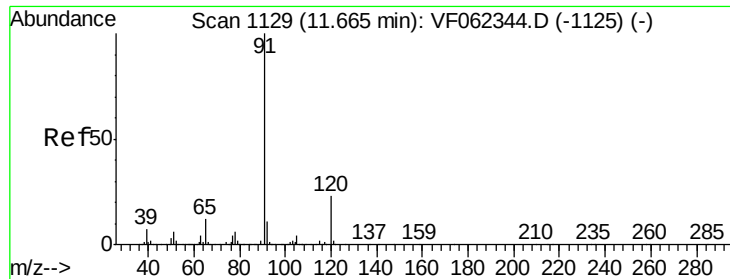


Abundance Ion 155.80 (155.50 to 156.50): V

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 :

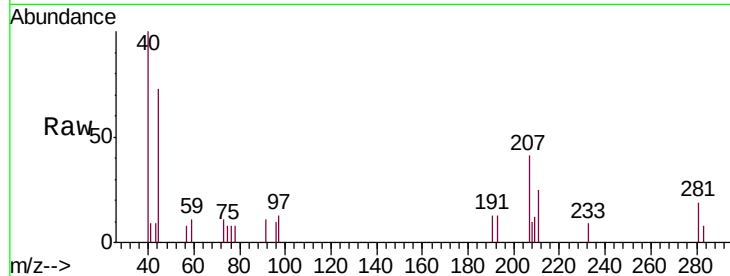
P021-SS005-0206-01

Tgt Ion: 91 Resp: 86

Ion Ratio Lower Upper

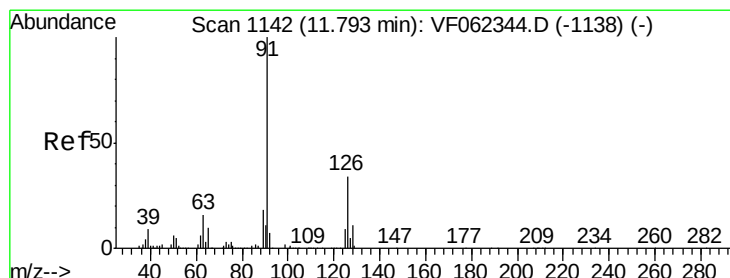
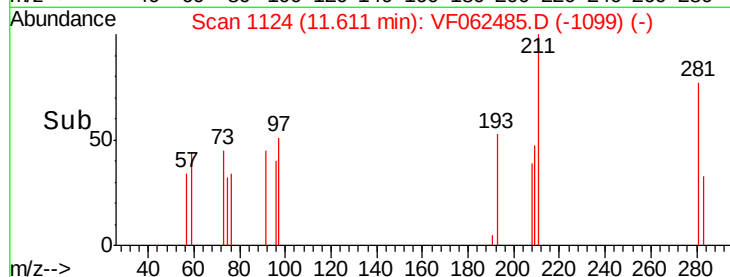
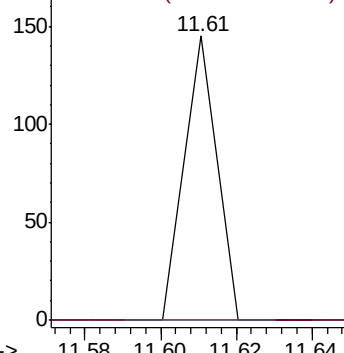
91 100

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



#79

2-Chlorotoluene

Concen: 34.238 ug/l

RT: 11.61 min Scan# 1124

Delta R.T. -0.18 min

Lab File: VF062485.D

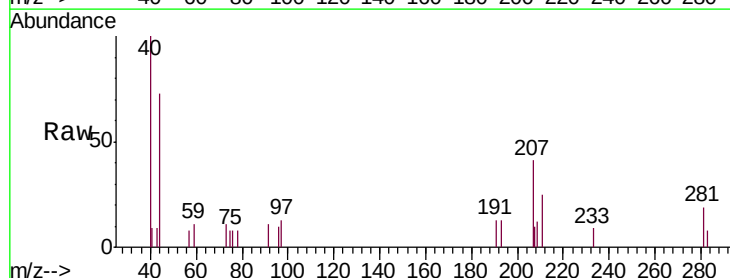
Acq: 12 May 2019 4:19

Tgt Ion: 91 Resp: 86

Ion Ratio Lower Upper

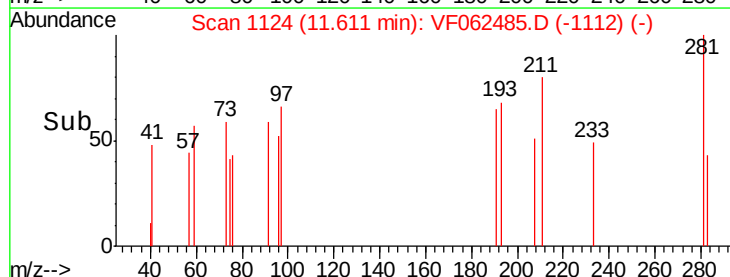
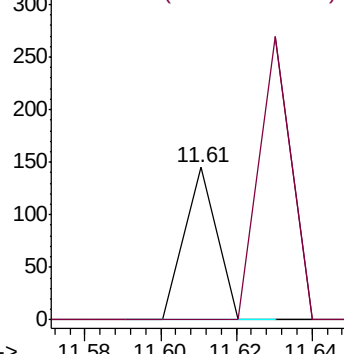
91 100

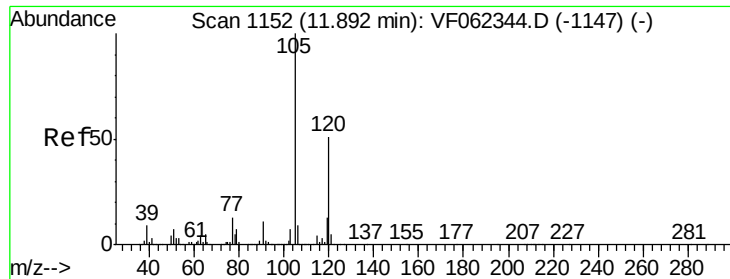
126 184.9 17.8 53.4#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V





#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 :

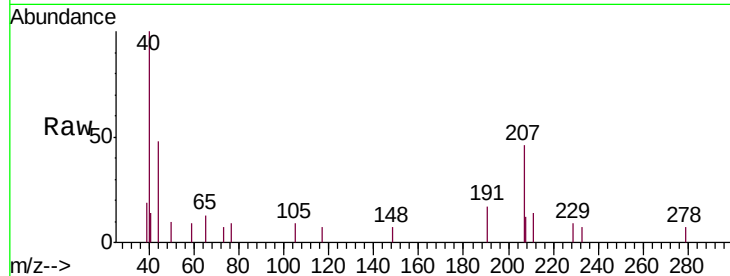
P021-SS005-0206-01

Tgt Ion: 105 Resp: 135

Ion Ratio Lower Upper

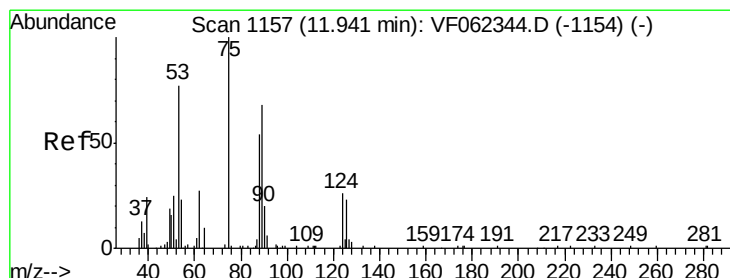
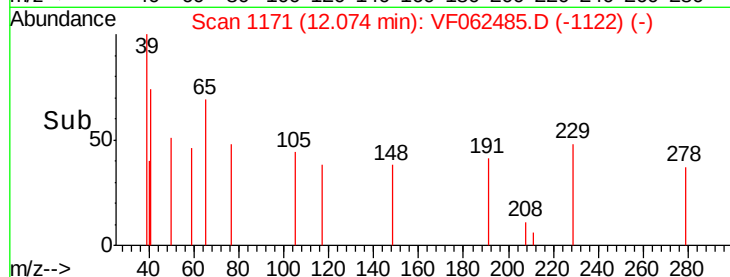
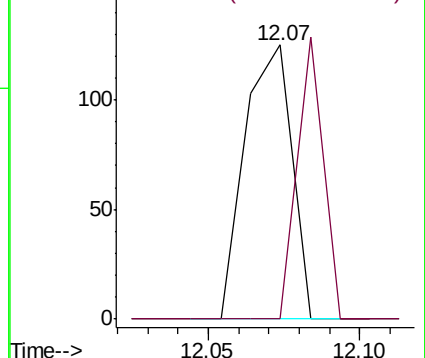
105 100

120 56.3 24.6 74.0



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: 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

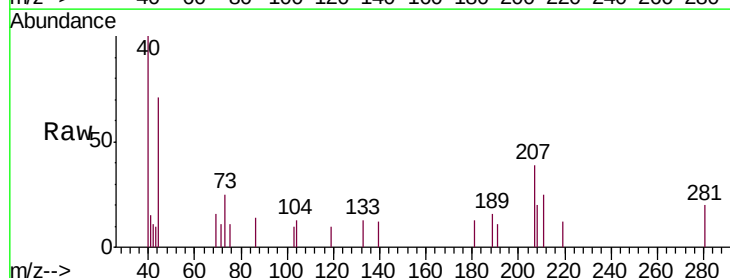
Tgt Ion: 75 Resp: 71

Ion Ratio Lower Upper

75 100

53 0.0 71.9 107.9#

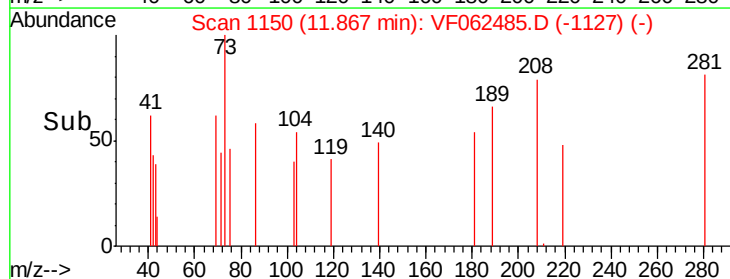
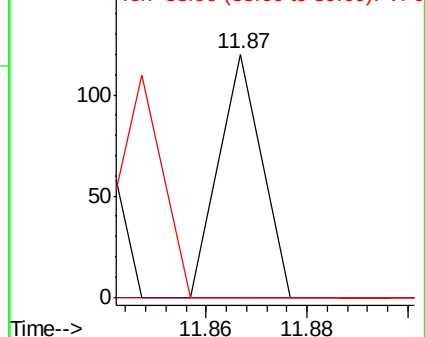
89 91.5 0.0 0.0#

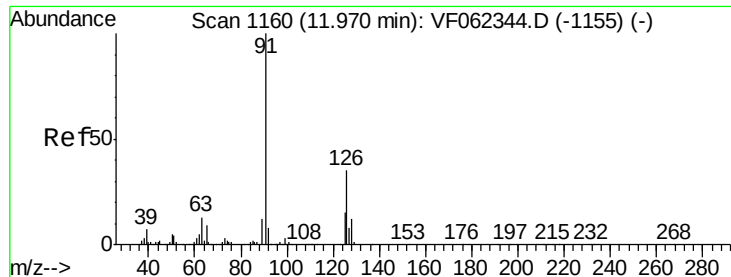


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0





#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 :

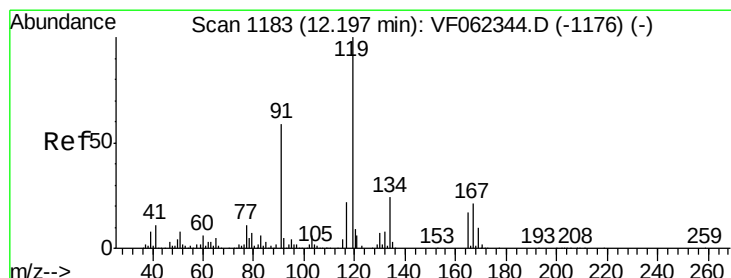
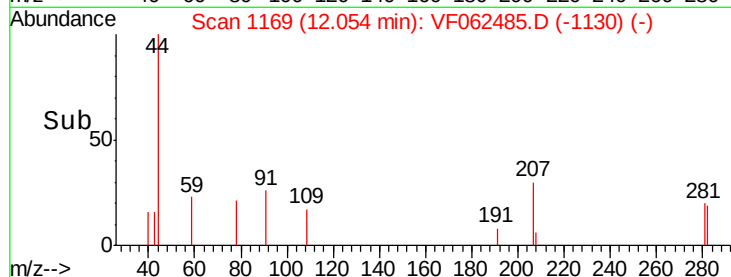
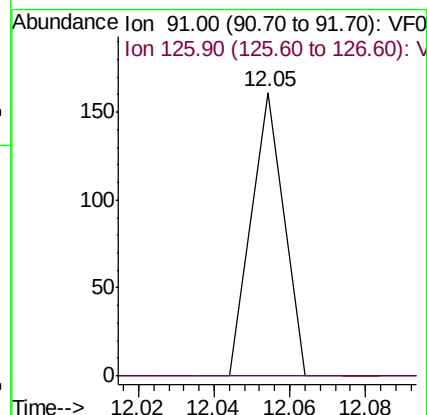
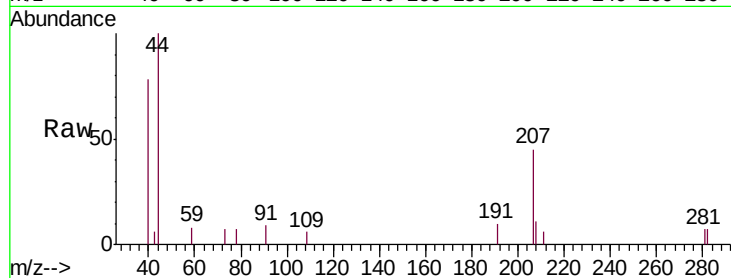
P021-SS005-0206-01

Tgt Ion: 91 Resp: 95

Ion Ratio Lower Upper

91 100

126 0.0 17.7 53.1#



#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

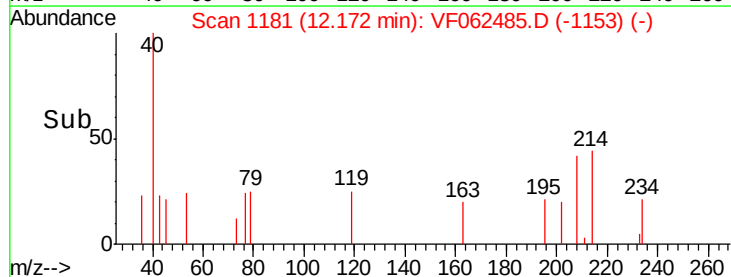
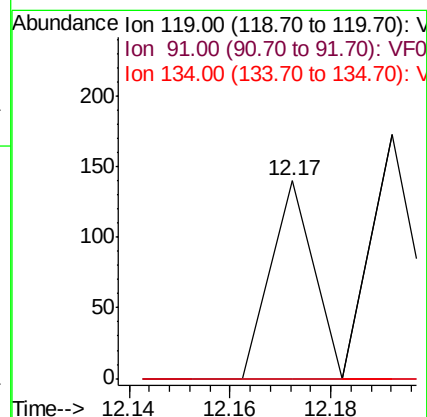
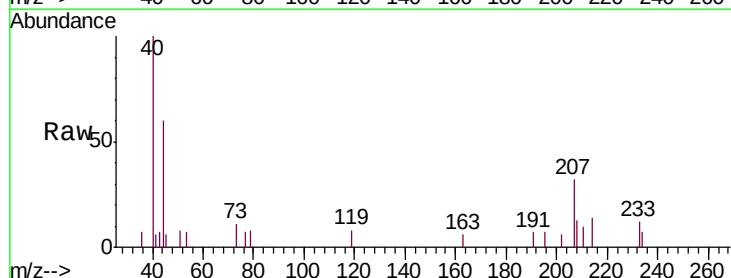
Tgt Ion: 119 Resp: 83

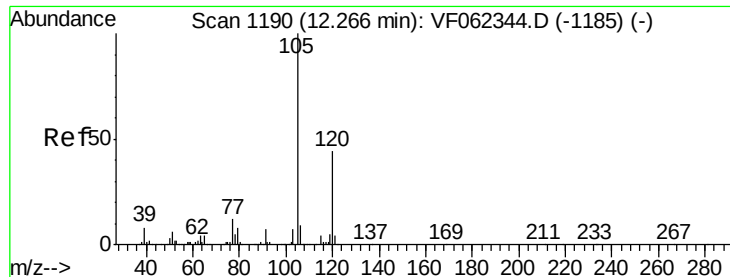
Ion Ratio Lower Upper

119 100

91 0.0 30.4 91.3#

134 0.0 11.9 35.7#

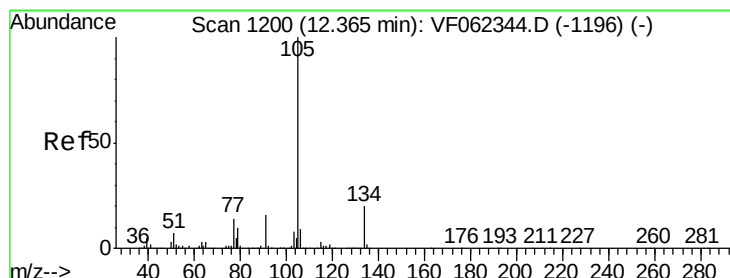
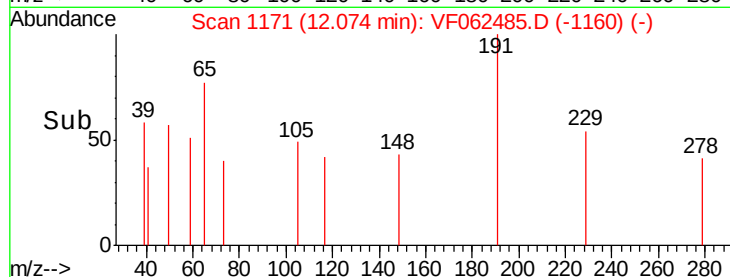
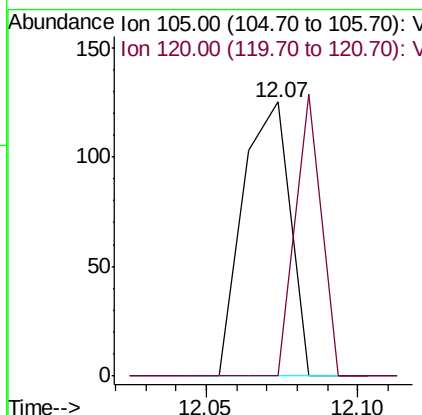
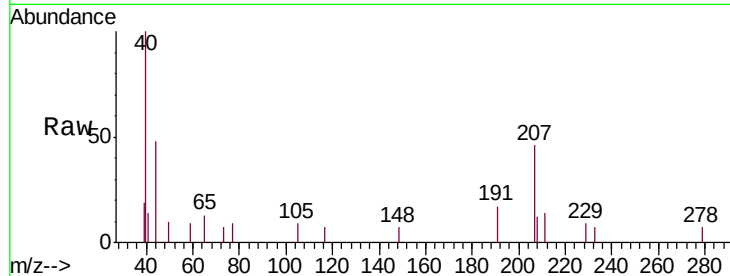




#84
 1,2,4-Trimethylbenzene
 Concen: 41.482 ug/l
 RT: 12.07 min Scan# 1171
 Delta R.T. -0.19 min
 Lab File: VF062485.D
 Acq: 12 May 2019 4:19

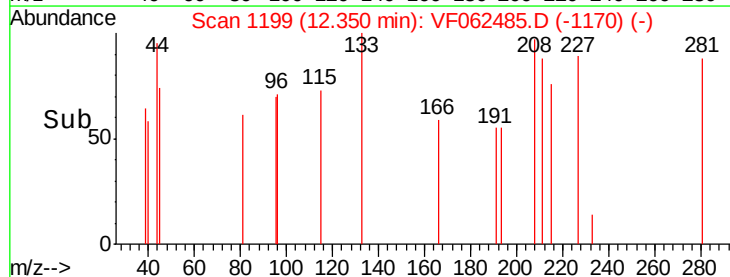
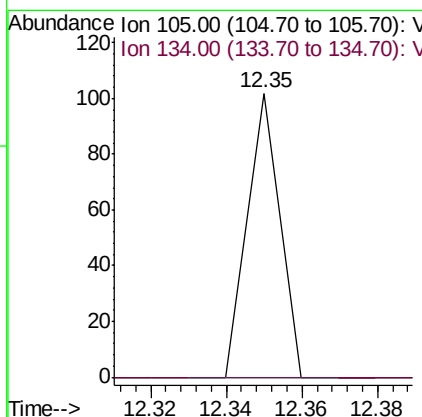
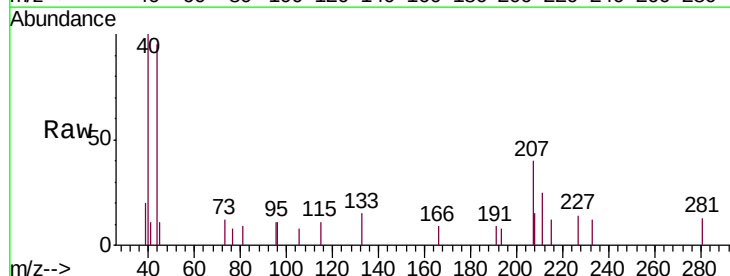
Instrument :
 MSVOA_F
 ClientSampleId :
 P021-SS005-0206-01

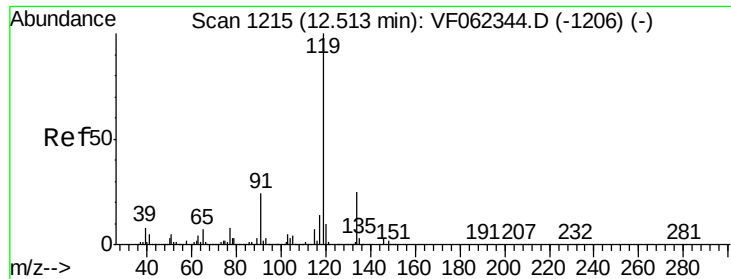
Tgt Ion:105 Resp: 135
 Ion Ratio Lower Upper
 105 100
 120 56.3 22.6 67.7



#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#

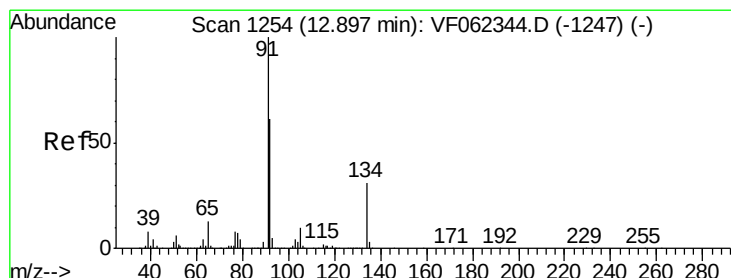
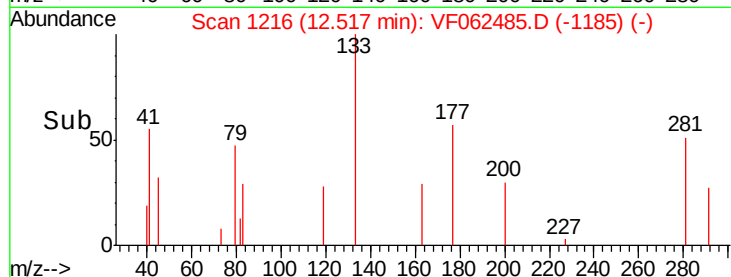
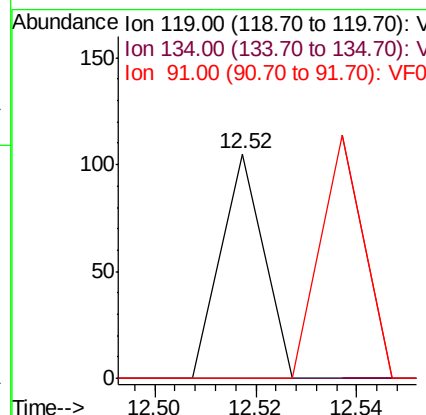
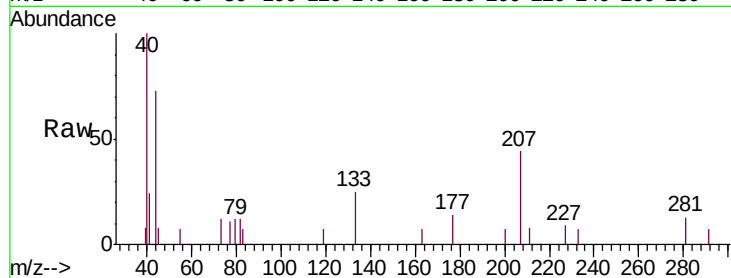




#86
p-Isopropyltoluene
Concen: 15.687 ug/l
RT: 12.52 min Scan# 1216
Delta R.T. 0.00 min
Lab File: VF062485.D
Acq: 12 May 2019 4:19

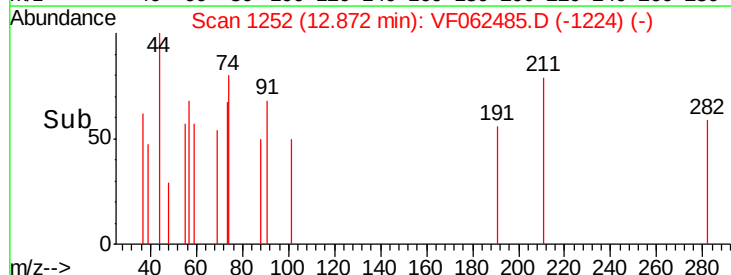
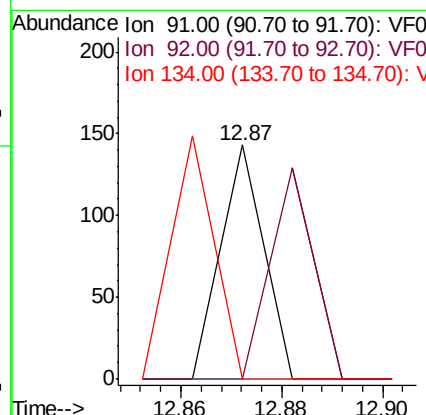
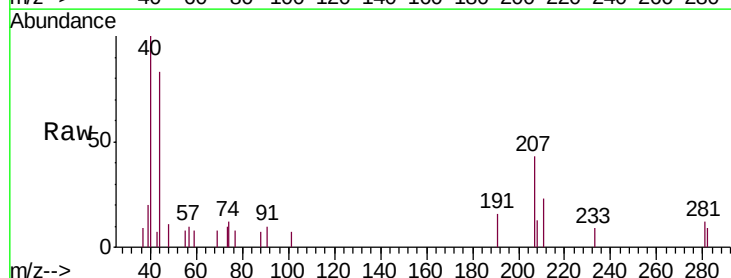
Instrument :
MSVOA_F
ClientSampleId :
P021-SS005-0206-01

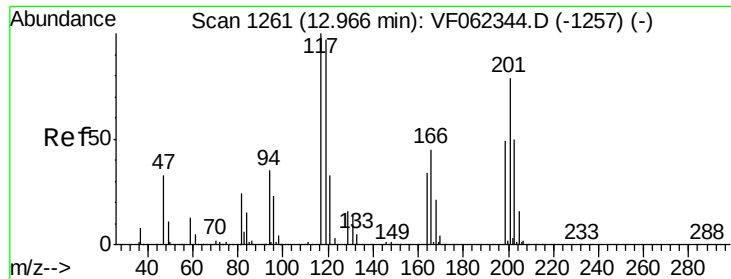
Tgt Ion	Ratio	Lower	Upper
119	100		
134	0.0	12.9	38.7#
91	108.1	12.3	36.8#



#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 :

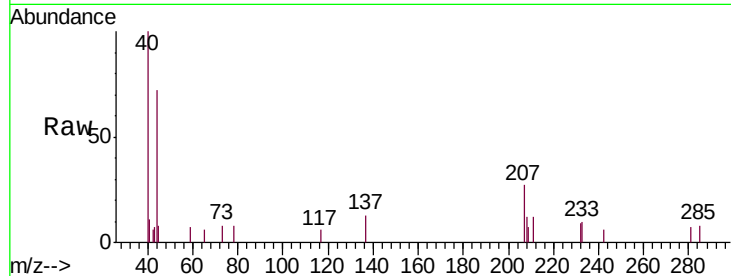
P021-SS005-0206-01

Tgt Ion: 117 Resp: 64

Ion Ratio Lower Upper

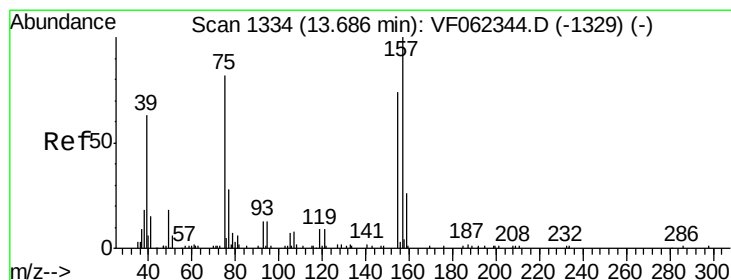
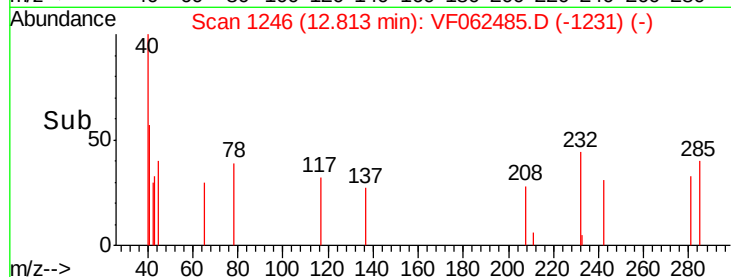
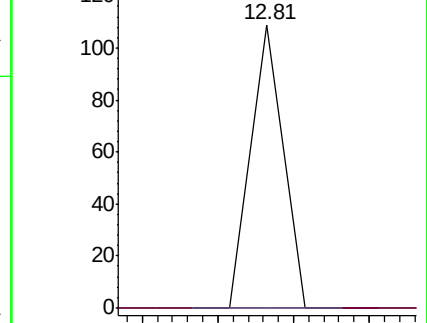
117 100

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

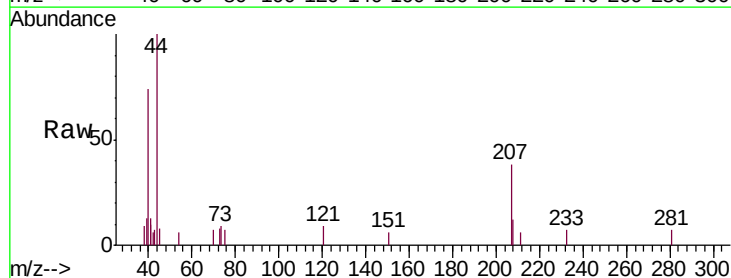
Tgt Ion: 75 Resp: 136

Ion Ratio Lower Upper

75 100

155 0.0 51.8 155.4#

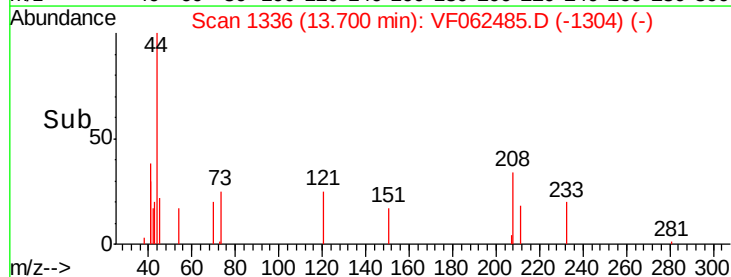
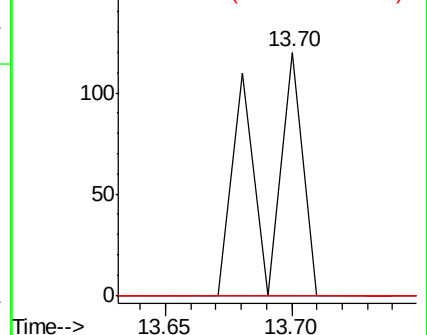
157 0.0 67.3 201.8#

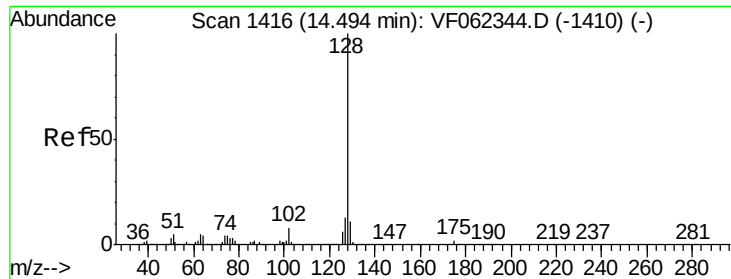


Abundance Ion 74.90 (74.60 to 75.60): VF0

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

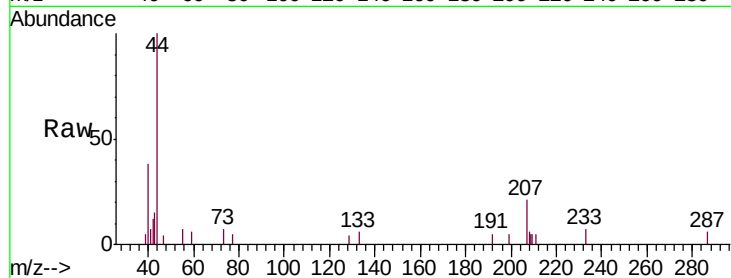
Acq: 12 May 2019 4:19

Instrument :

MSVOA_F

ClientSampleId :

P021-SS005-0206-01



Tgt Ion:	128	Resp:	60
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.6	12.8#

