

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051019\
 Data File : VF062426.D
 Acq On : 10 May 2019 16:31
 Operator : FY/SY
 Sample : K2645-01RE
 Misc : 6.61g/5mL/MSVOA F/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-050719-ARE

Quant Time: May 10 17:14:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.06	168	23418	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.78	114	15383	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.92	117	6416	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.63	152	409	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	1554	7.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	14.04%	
35) Dibromofluoromethane	4.31	113	3356	27.38	ug/l	0.01
Spiked Amount	50.000		Recovery	=	54.76%	
50) Toluene-d8	7.72	98	14932	50.33	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.49	95	2360	17.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.26%	

Target Compounds					Qvalue	
3) Chloromethane	1.15	50	210	1.175	ug/l #	42
4) Vinyl Chloride	1.24	62	320	1.795	ug/l #	42
5) Bromomethane	1.43	94	150	Below Cal	#	3
6) Chloroethane	1.48	64	131	1.461	ug/l #	41
8) Diethyl Ether	1.79	74	96	1.715	ug/l	42
11) Tert butyl alcohol	2.77	59	215	17.189	ug/l #	70
12) 1,1-Dichloroethene	1.91	96	186	1.036	ug/l #	1
13) Acrolein	2.12	56	72	Below Cal	#	1
14) Allyl chloride	2.18	41	866	5.460	ug/l #	20
15) Acrylonitrile	3.11	53	66	2.786	ug/l #	1
16) Acetone	2.38	43	538	12.017	ug/l #	62
18) Methyl Acetate	2.51	43	1609	17.683	ug/l #	74
19) Methyl tert-butyl Ether	2.55	73	1339	3.613	ug/l #	43
21) trans-1,2-Dichloroethene	2.43	96	177	1.035	ug/l #	1
23) Vinyl Acetate	3.37	43	746	3.377	ug/l #	79
25) 2-Butanone	4.53	43	212	3.769	ug/l #	60
26) 2,2-Dichloropropane	3.76	77	334	1.996	ug/l #	58
29) Tetrahydrofuran	4.29	42	134	5.184	ug/l #	62
36) 1,1-Dichloropropene	4.46	75	133	1.006	ug/l #	1
37) Ethyl Acetate	4.28	43	200	Below Cal	#	73
38) Carbon Tetrachloride	4.42	117	60	Below Cal	#	14
41) Methacrylonitrile	4.93	41	239	7.543	ug/l #	1
42) 1,2-Dichloroethane	5.21	62	125	1.027	ug/l #	82
43) Isopropyl Acetate	7.11	43	419	6.971	ug/l #	77
45) 1,2-Dichloropropane	6.45	63	134	2.033	ug/l #	43
48) Methyl methacrylate	6.91	41	177	4.167	ug/l #	12
51) 4-Methyl-2-Pentanone	8.28	43	226	4.962	ug/l	92
54) cis-1,3-Dichloropropene	7.49	75	146	1.214	ug/l #	41
55) 1,1,2-Trichloroethane	8.59	97	160	2.808	ug/l #	14
56) Ethyl methacrylate	8.74	69	244	4.056	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.49	63	93	5.142	ug/l #	42
59) 2-Hexanone	9.63	43	267	8.476	ug/l #	28
60) Dibromochloromethane	8.82	129	213	2.285	ug/l #	11
61) 1,2-Dibromoethane	9.11	107	67	1.000	ug/l #	1

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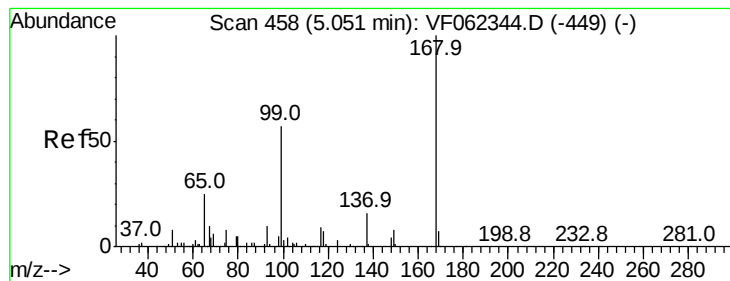
Instrument :
 MSVOA_F
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 PL-02-050719-ARE

Quant Time: May 10 17:14:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

64) Tetrachloroethene	8.29	164	65	1.248	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	10.05	131	98	1.830	ug/l #	1
67) Ethyl Benzene	10.03	91	311	1.673	ug/l #	45
68) m/p-Xylenes	10.23	106	99	1.443	ug/l #	21
71) Bromoform	10.86	173	283	9.646	ug/l #	70
73) Isopropylbenzene	11.16	105	342	14.105	ug/l	87
74) N-amyl acetate	11.43	43	966	185.572	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	11.74	83	403	106.151	ug/l #	17
76) 1,2,3-Trichloropropane	11.90	75	114	39.358	ug/l #	100
77) Bromobenzene	11.55	156	426	66.944	ug/l #	1
78) n-propylbenzene	11.73	91	533	20.647	ug/l	82
79) 2-Chlorotoluene	11.78	91	1260	78.494	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.94	105	859	40.419	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.93	75	108	99.196	ug/l #	1
82) 4-Chlorotoluene	11.97	91	519	32.736	ug/l #	39
83) tert-Butylbenzene	12.21	119	673	30.132	ug/l #	36
84) 1,2,4-Trimethylbenzene	12.17	105	432	20.771	ug/l	95
85) sec-Butylbenzene	12.35	105	224	8.240	ug/l	79
86) p-Isopropyltoluene	12.49	119	300	11.877	ug/l #	44
87) 1,3-Dichlorobenzene	12.55	146	373	32.094	ug/l #	1
88) 1,4-Dichlorobenzene	12.60	146	518	46.179	ug/l #	42
89) n-Butylbenzene	12.68	91	342	15.219	ug/l	71
90) Hexachloroethane	13.20	117	253	40.116	ug/l	75
91) 1,2-Dichlorobenzene	13.02	146	347	30.847	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.67	75	75	88.180	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.04	180	67	6.640	ug/l #	11
95) Naphthalene	14.49	128	209	13.778	ug/l #	39

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.01 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

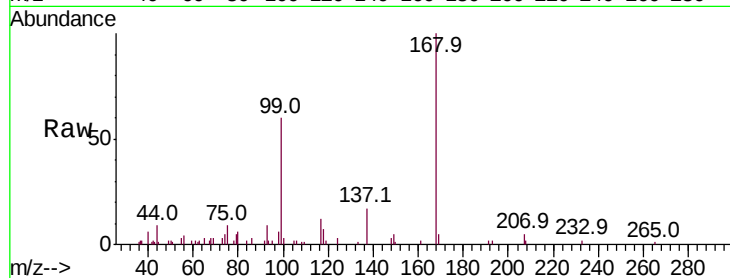
PL-02-050719-ARE

Tot Ion:168 Resp: 23418

Ion Ratio Lower Upper

168 100

99 60.4 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.06

8000

6000

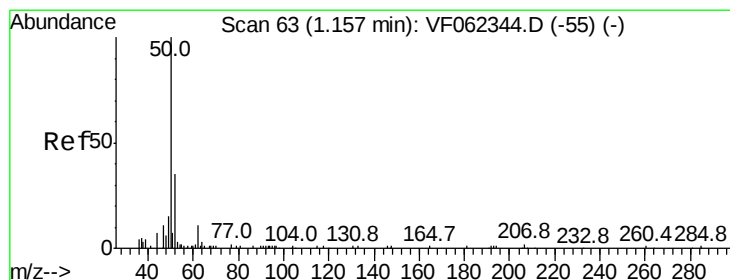
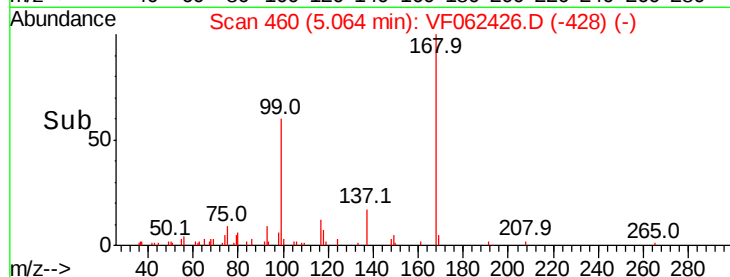
4000

2000

0

Time-->

5.00 5.10



#3

Chloromethane

Concen: 1.175 ug/l

RT: 1.15 min Scan# 63

Delta R.T. -0.01 min

Lab File: VF062426.D

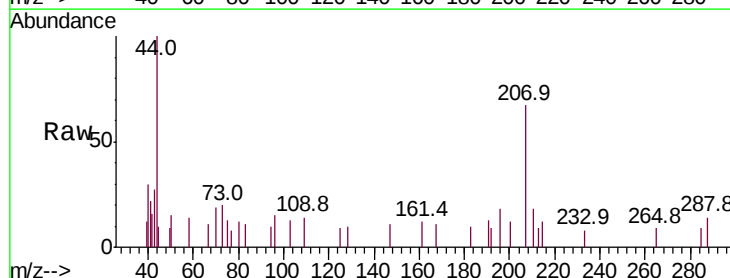
Acq: 10 May 2019 16:31

Tgt Ion: 50 Resp: 210

Ion Ratio Lower Upper

50 100

52 0.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0

300

250

200

150

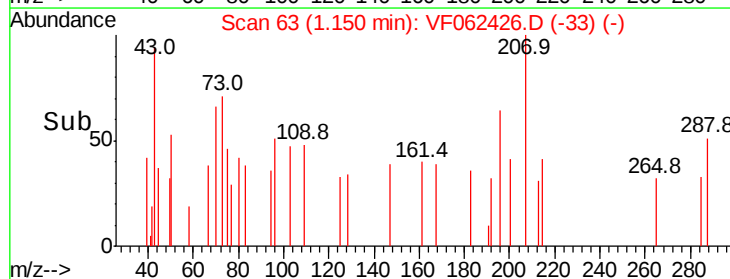
100

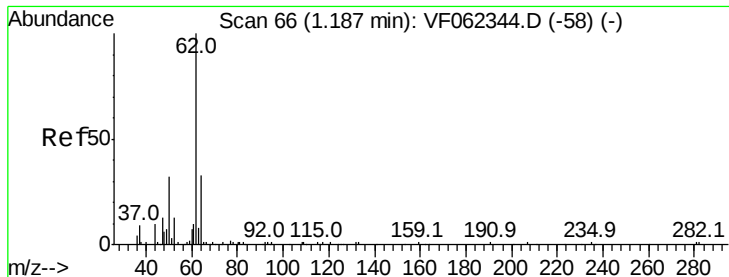
50

0

Time-->

1.14 1.16 1.18





#4

Vinyl Chloride

Concen: 1.795 ug/l

RT: 1.24 min Scan# 72

Delta R.T. 0.05 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

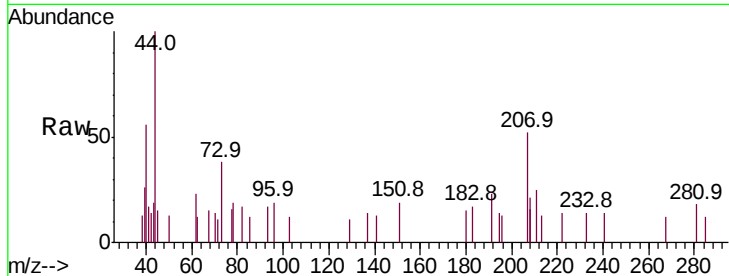
PL-02-050719-ARE

Tot Ion: 62 Resp: 320

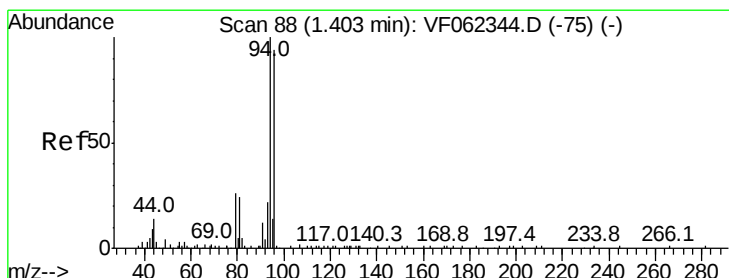
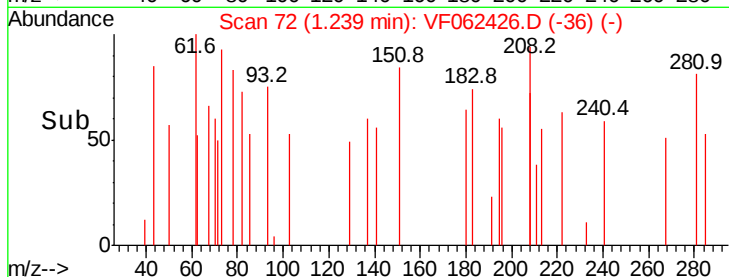
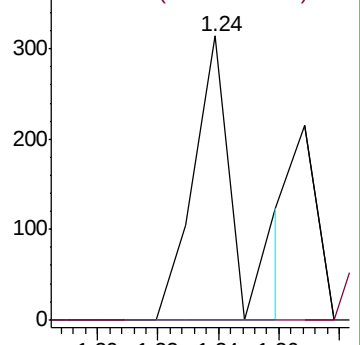
Ion Ratio Lower Upper

62 100

64 0.0 26.1 39.1#



Abundance Ion 61.90 (61.60 to 62.60): VF0



#5

Bromomethane

Concen: Below Cal

RT: 1.43 min Scan# 91

Delta R.T. 0.02 min

Lab File: VF062426.D

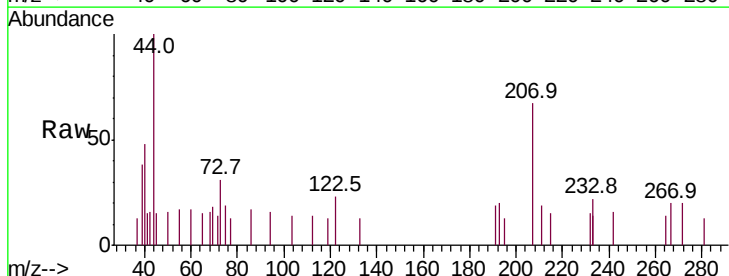
Acq: 10 May 2019 16:31

Tgt Ion: 94 Resp: 150

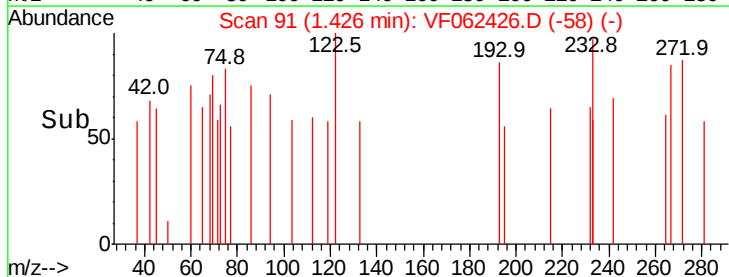
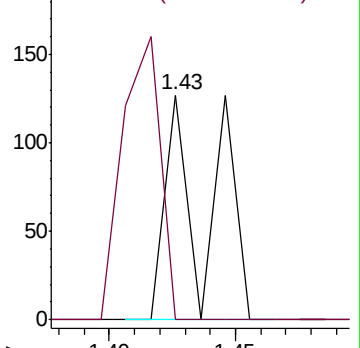
Ion Ratio Lower Upper

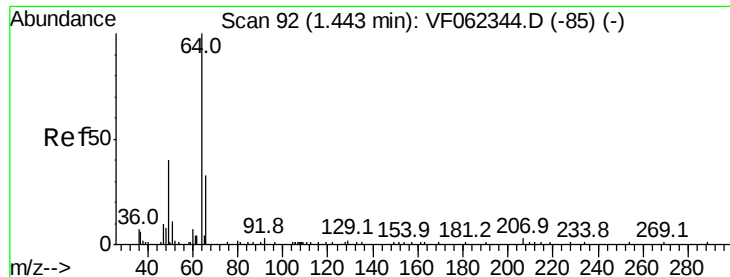
94 100

96 0.0 75.4 113.2#



Abundance Ion 93.90 (93.60 to 94.60): VF0





#6

Chloroethane

Concen: 1.461 ug/l

RT: 1.48 min Scan# 96

Delta R.T. 0.03 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

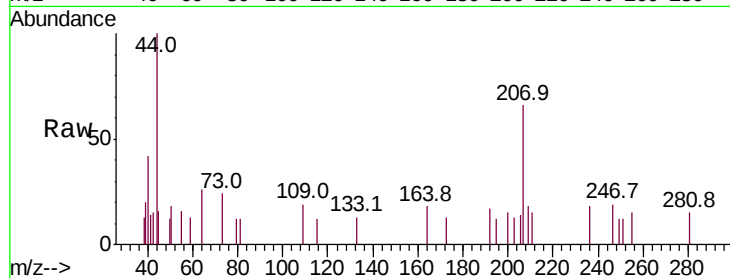
PL-02-050719-ARE

Tot Ion: 64 Resp: 131

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

1.48

250

200

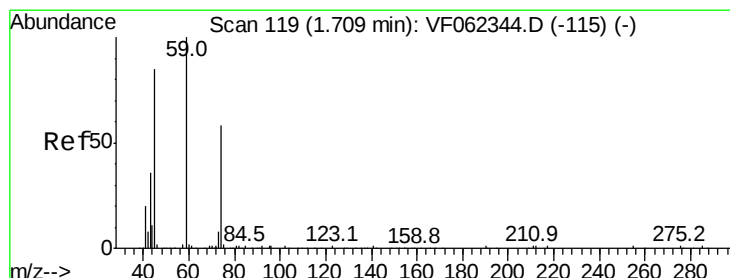
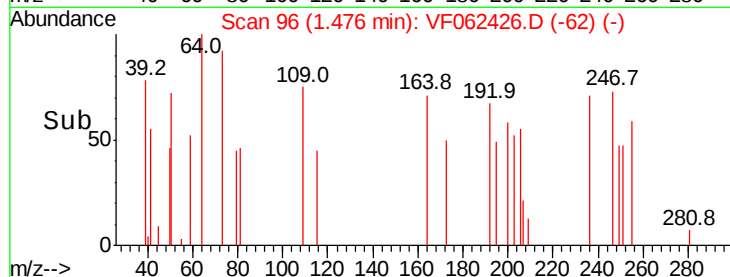
150

100

50

0

Time--> 1.44 1.46 1.48 1.50



#8

Diethyl Ether

Concen: 1.715 ug/l

RT: 1.79 min Scan# 128

Delta R.T. 0.08 min

Lab File: VF062426.D

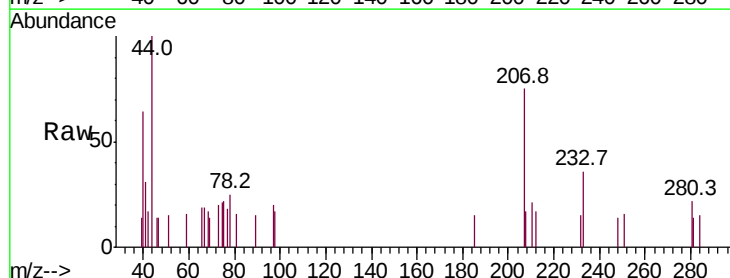
Acq: 10 May 2019 16:31

Tgt Ion: 74 Resp: 96

Ion Ratio Lower Upper

74 100

45 220.8 73.9 221.6



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0

1.79

250

200

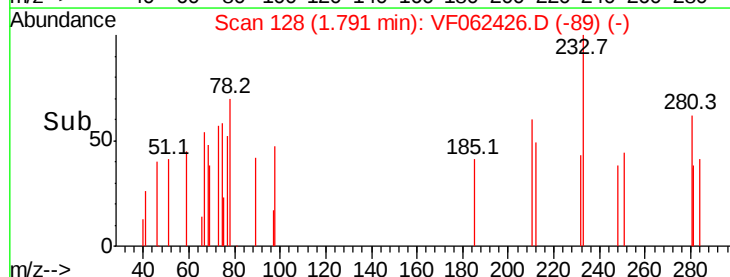
150

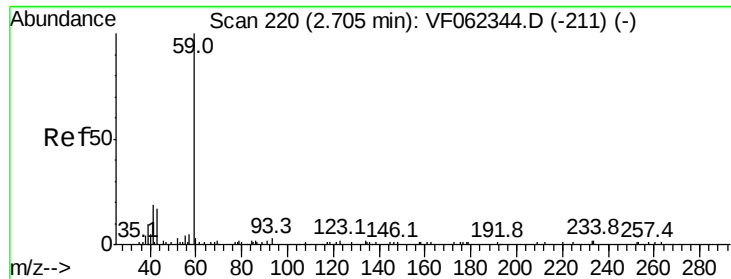
100

50

0

Time--> 1.76 1.78 1.80

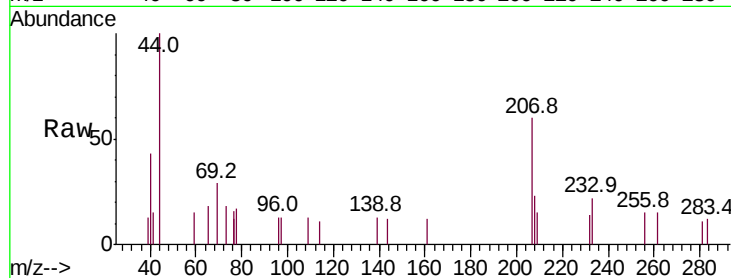




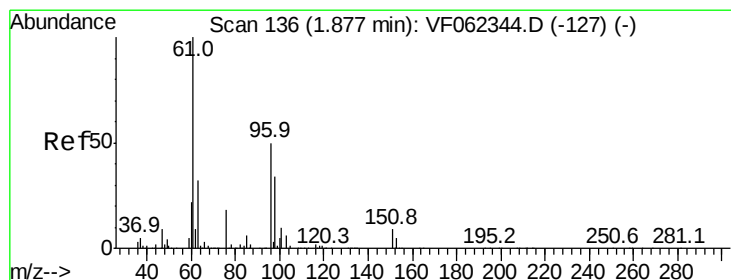
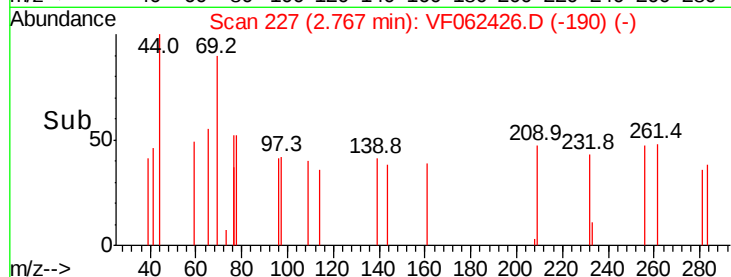
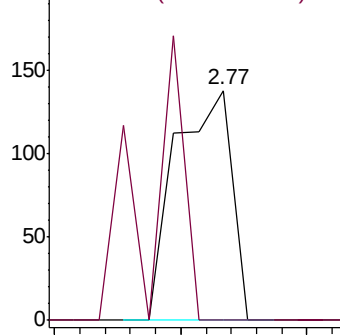
#11
Tert butyl alcohol
Concen: 17.189 ug/l
RT: 2.77 min Scan# 227
Delta R.T. 0.06 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tot Ion: 59 Resp: 215
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#

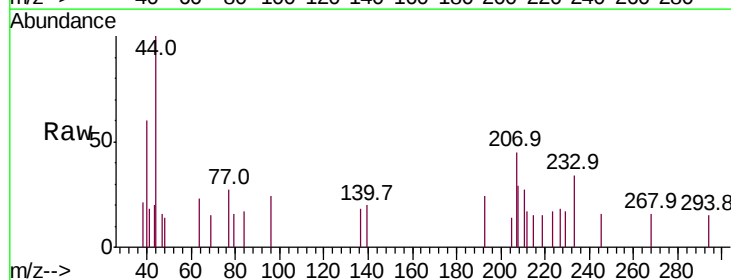


Abundance Ion 59.00 (58.70 to 59.70): VF0
Ion 57.00 (56.70 to 57.70): VF0

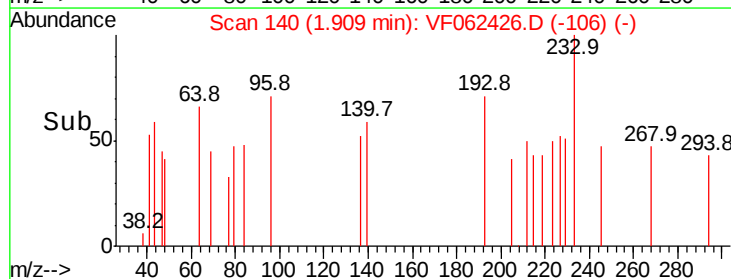
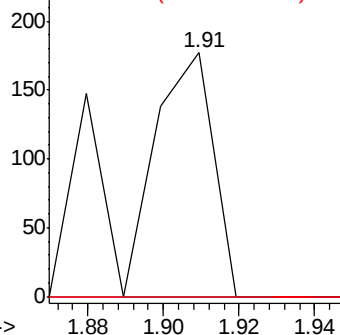


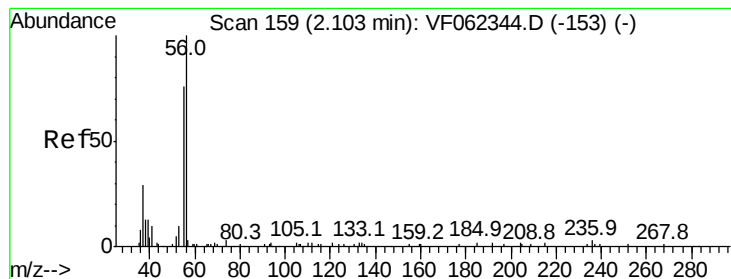
#12
1,1-Dichloroethene
Concen: 1.036 ug/l
RT: 1.91 min Scan# 140
Delta R.T. 0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 96 Resp: 186
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: Below Cal

RT: 2.12 min Scan# 161

Delta R.T. 0.01 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

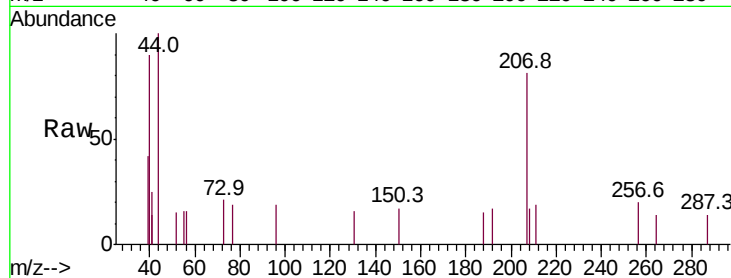
Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tot Ion: 56 Resp: 72

Ion Ratio Lower Upper

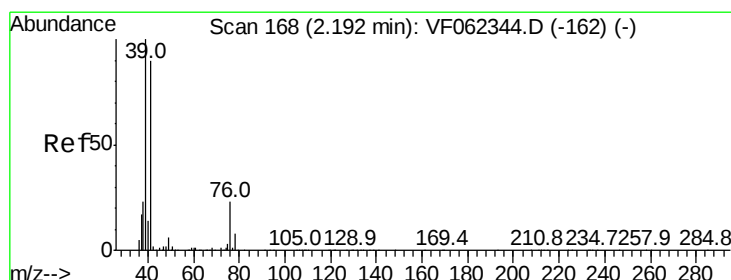
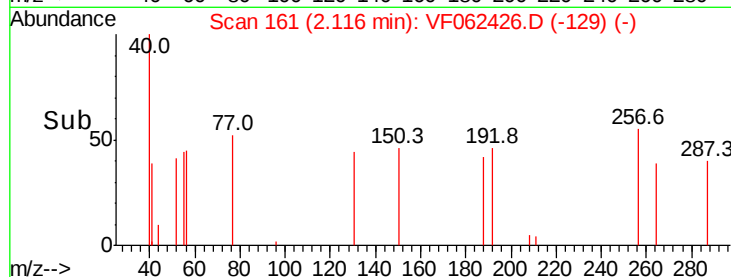
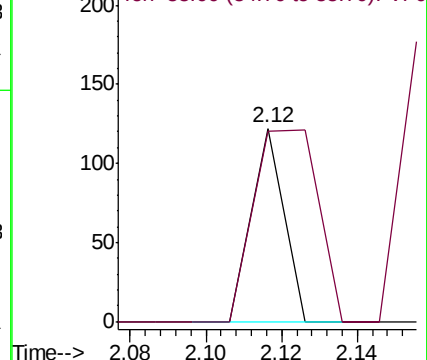
56 100

55 198.6 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: 5.460 ug/l

RT: 2.18 min Scan# 167

Delta R.T. -0.02 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

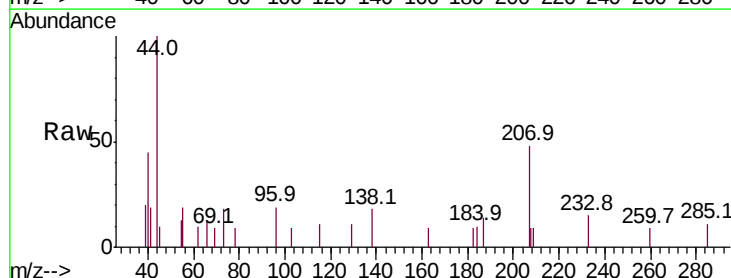
Tgt Ion: 41 Resp: 866

Ion Ratio Lower Upper

41 100

39 16.9 90.8 136.2#

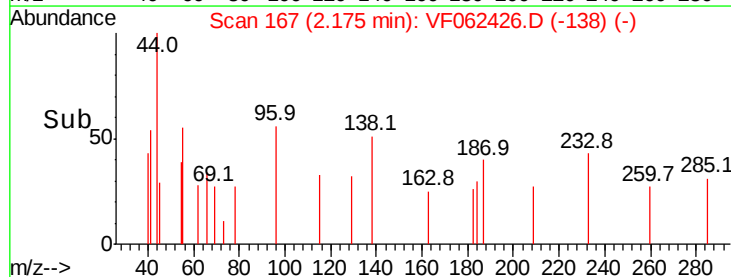
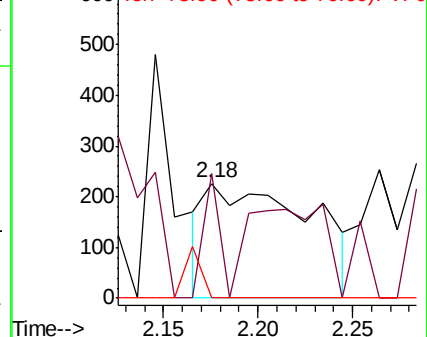
76 6.9 22.2 33.4#

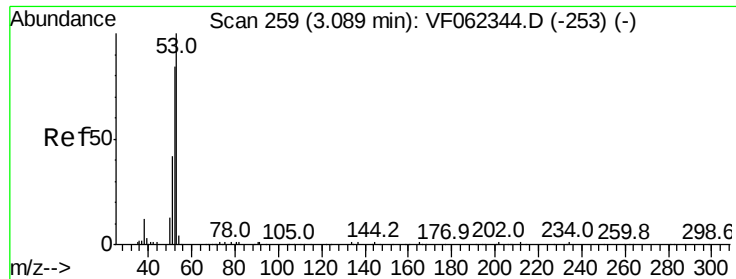


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 75.90 (75.60 to 76.60): VF0





#15

Acrylonitrile

Concen: 2.786 ug/l

RT: 3.11 min Scan# 262

Delta R.T. 0.02 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

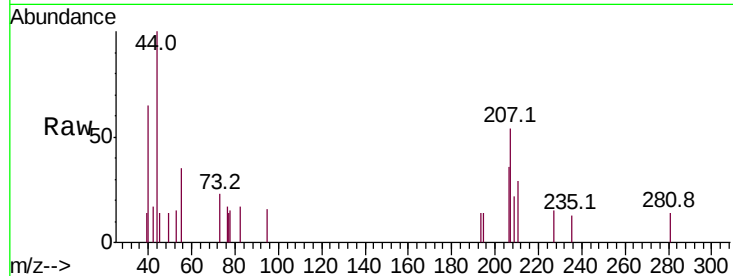
Tot Ion: 53 Resp: 66

Ion Ratio Lower Upper

53 100

52 0.0 77.2 115.8#

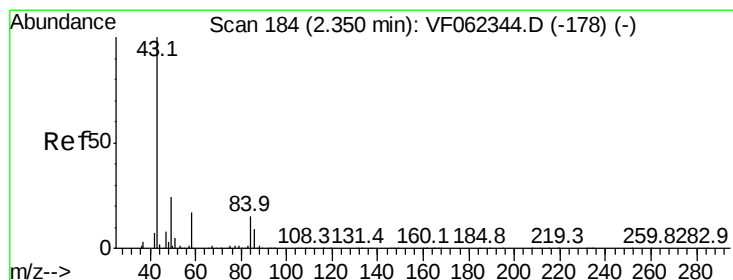
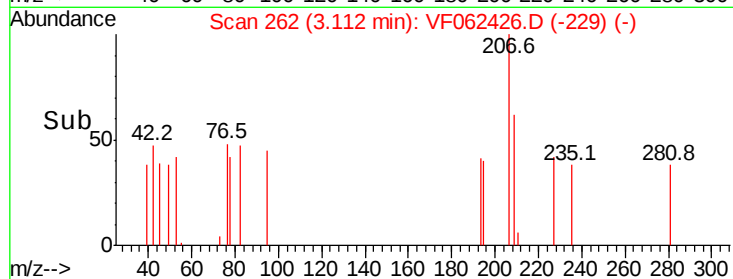
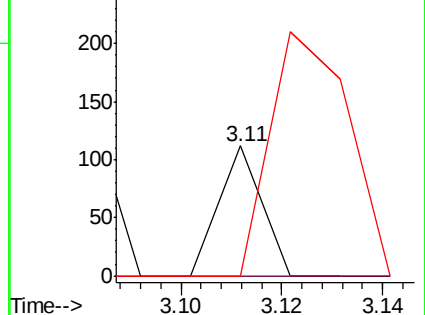
51 339.4 40.6 61.0#



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 12.017 ug/l

RT: 2.38 min Scan# 188

Delta R.T. 0.03 min

Lab File: VF062426.D

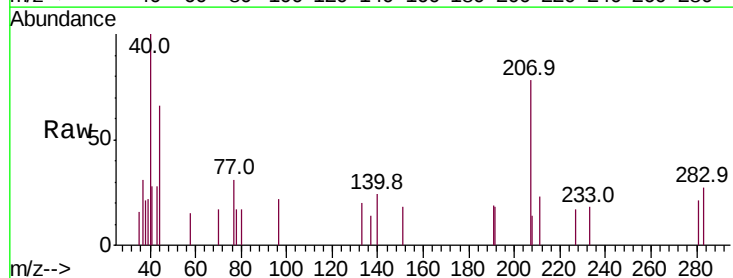
Acq: 10 May 2019 16:31

Tgt Ion: 43 Resp: 538

Ion Ratio Lower Upper

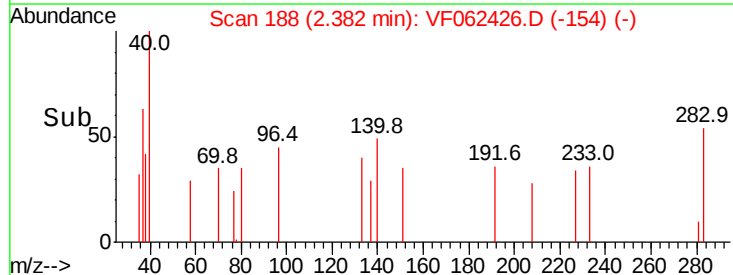
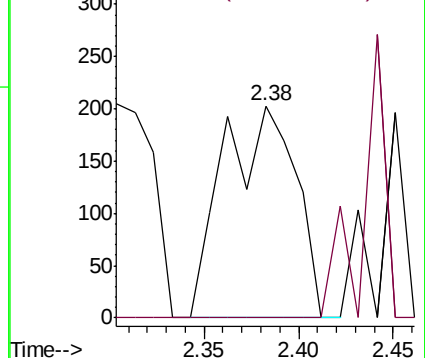
43 100

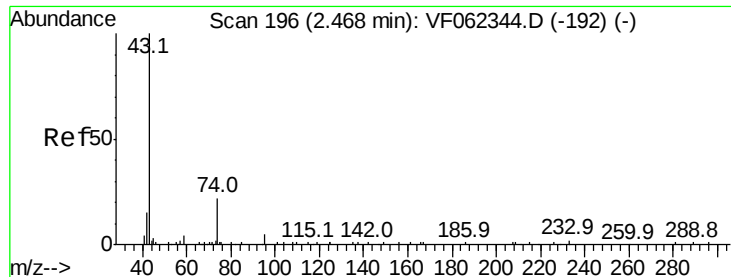
58 0.0 13.1 19.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

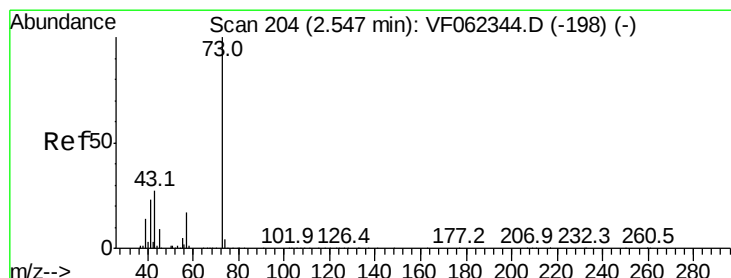
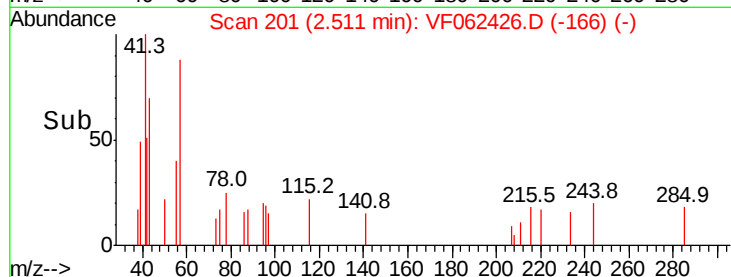
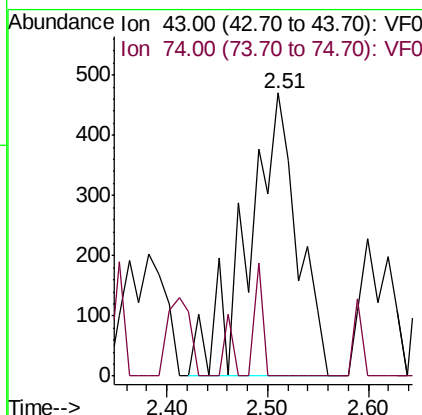
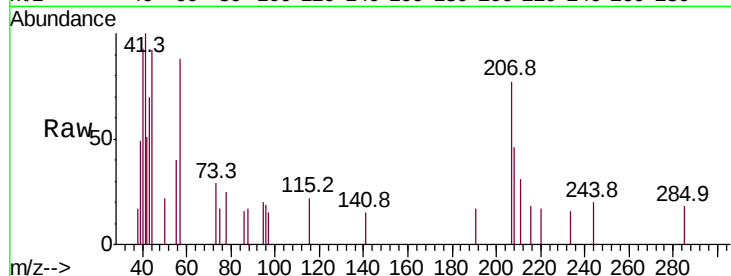




#18
Methyl Acetate
Concen: 17.683 ug/l
RT: 2.51 min Scan# 201
Delta R.T. 0.04 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

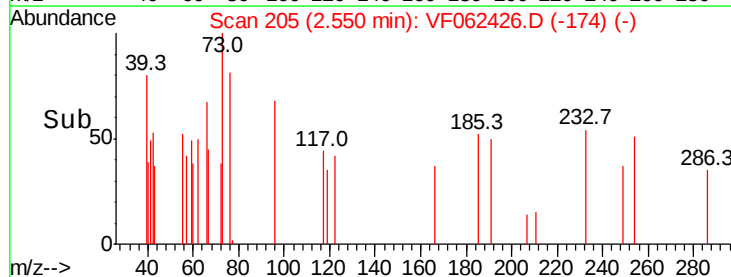
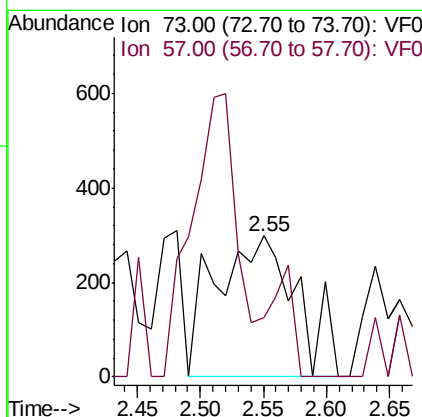
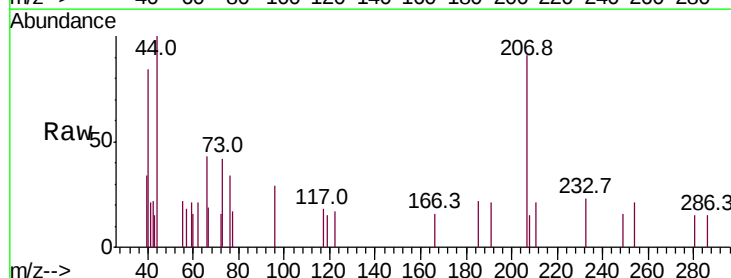
Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

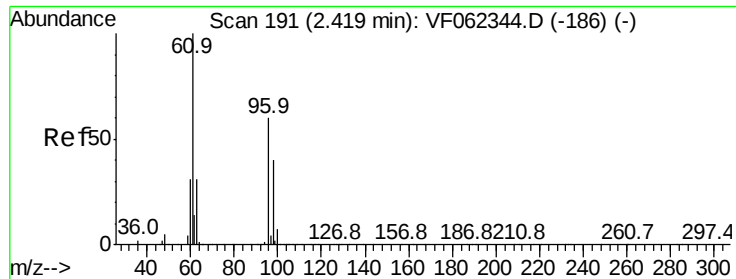
Tot Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
74 6.9 15.0 22.4#



#19
Methyl tert-butyl Ether
Concen: 3.613 ug/l
RT: 2.55 min Scan# 205
Delta R.T. 0.00 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 73 Resp: 1339
Ion Ratio Lower Upper
73 100
57 41.9 13.7 20.5#





#21

trans-1,2-Dichloroethene

Concen: 1.035 ug/l

RT: 2.43 min Scan# 193

Delta R.T. 0.01 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

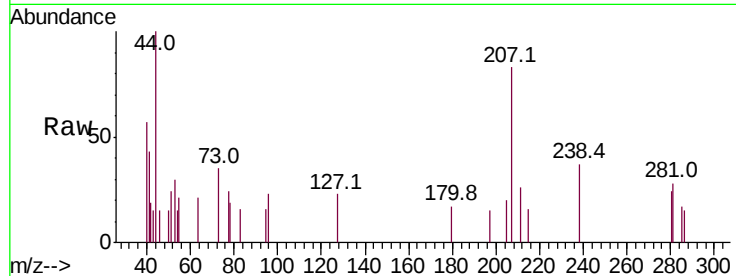
Tot Ion: 96 Resp: 177

Ion Ratio Lower Upper

96 100

61 0.0 133.2 199.8#

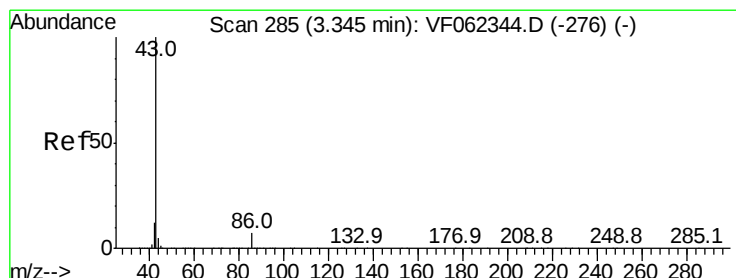
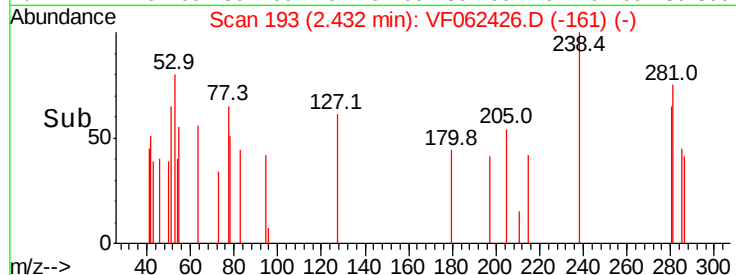
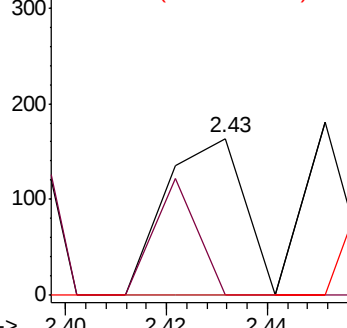
98 0.0 53.1 79.7#



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



#23

Vinyl Acetate

Concen: 3.377 ug/l

RT: 3.37 min Scan# 288

Delta R.T. 0.02 min

Lab File: VF062426.D

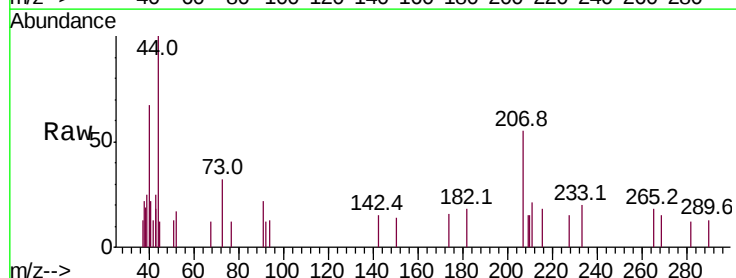
Acq: 10 May 2019 16:31

Tgt Ion: 43 Resp: 746

Ion Ratio Lower Upper

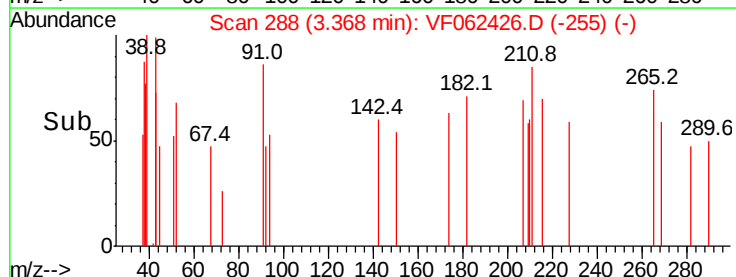
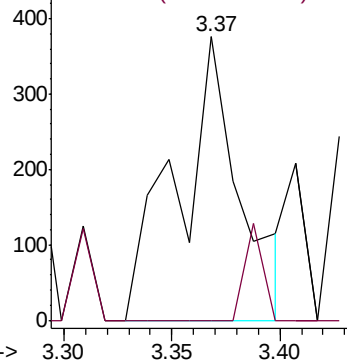
43 100

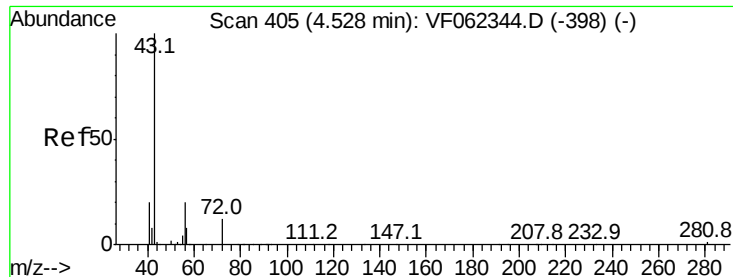
86 0.0 5.7 8.5#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0





#25

2-Butanone

Concen: 3.769 ug/l

RT: 4.53 min Scan# 406

Delta R.T. 0.00 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

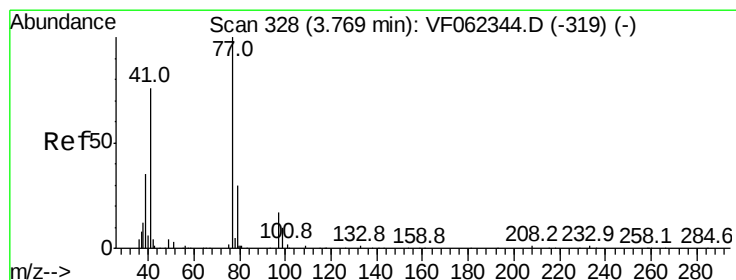
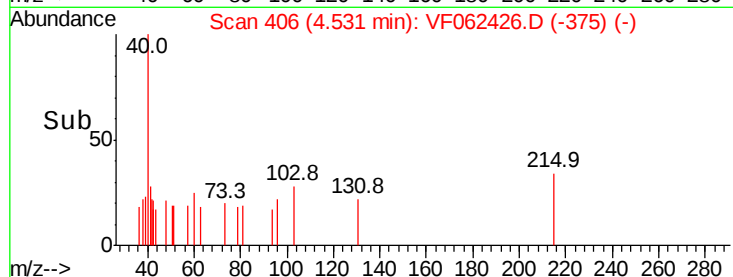
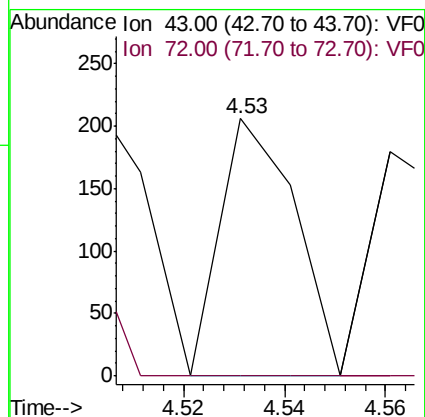
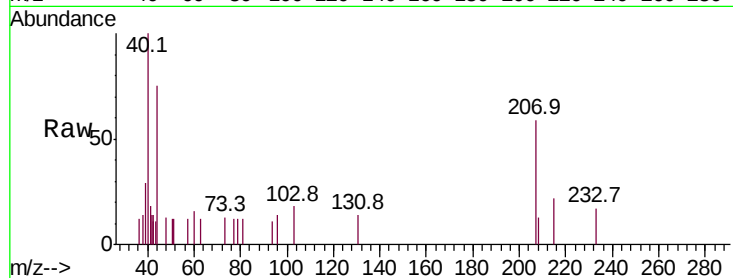
Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tot Ion: 43 Resp: 212

Ion Ratio Lower Upper

43 100

72 0.0 14.2 21.4#



#26

2,2-Dichloropropane

Concen: 1.996 ug/l

RT: 3.76 min Scan# 328

Delta R.T. -0.01 min

Lab File: VF062426.D

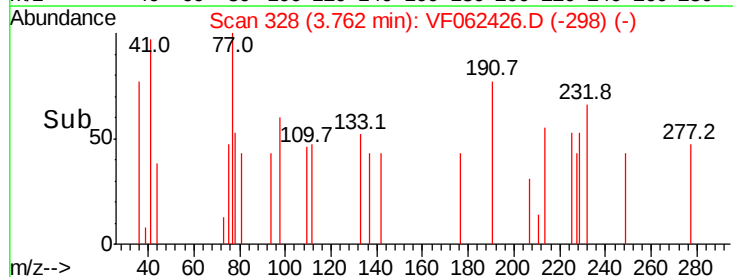
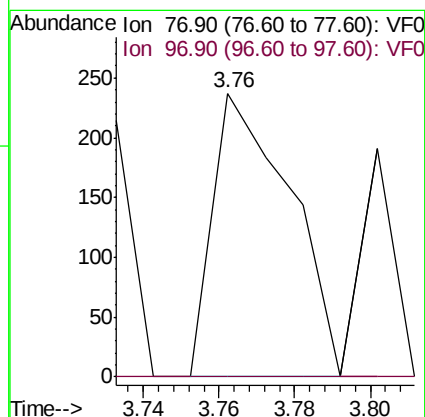
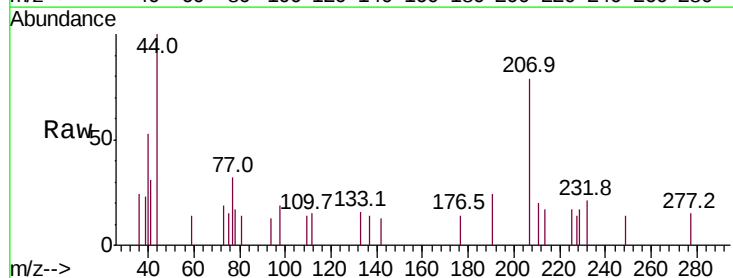
Acq: 10 May 2019 16:31

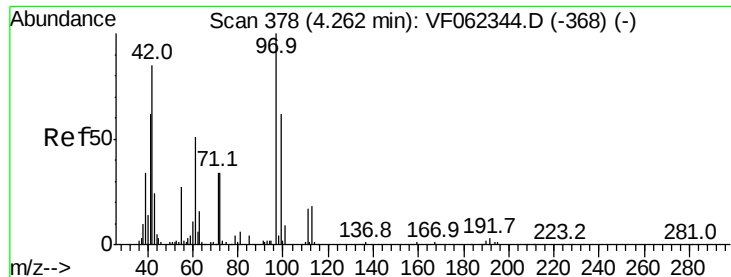
Tgt Ion: 77 Resp: 334

Ion Ratio Lower Upper

77 100

97 0.0 9.5 28.5#





#29

Tetrahydrofuran

Concen: 5.184 ug/l

RT: 4.29 min Scan# 382

Delta R.T. 0.03 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

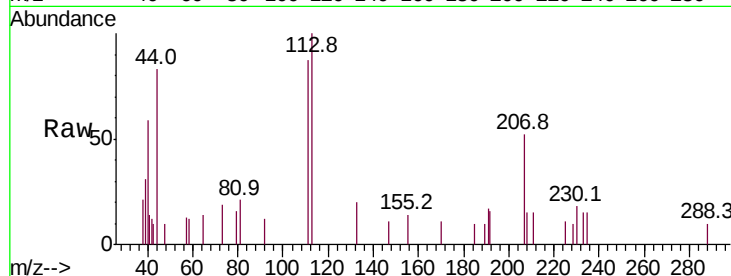
Tot Ion: 42 Resp: 134

Ion Ratio Lower Upper

42 100

72 0.0 31.4 47.0#

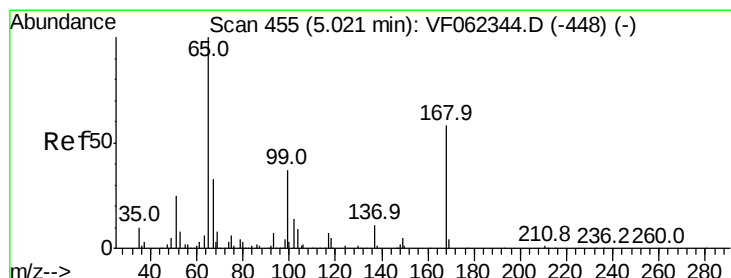
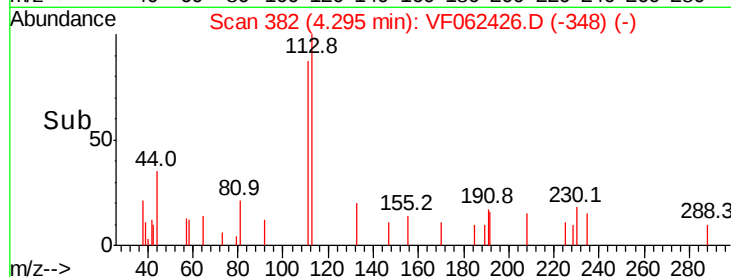
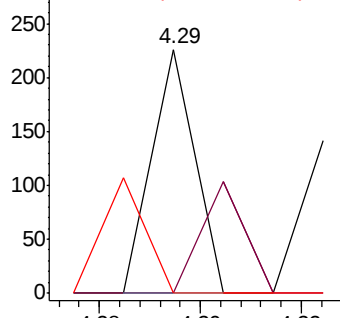
71 47.0 31.7 47.5



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



#33

1,2-Dichloroethane-d4

Concen: 7.022 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.00 min

Lab File: VF062426.D

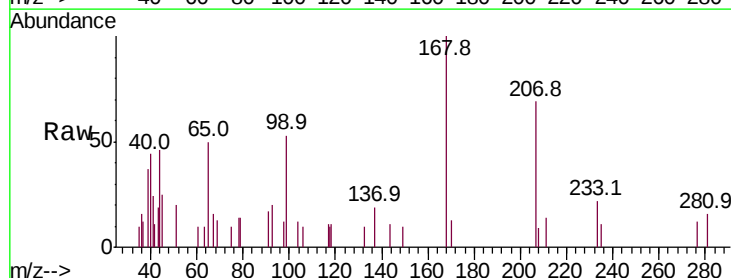
Acq: 10 May 2019 16:31

Tgt Ion: 65 Resp: 1554

Ion Ratio Lower Upper

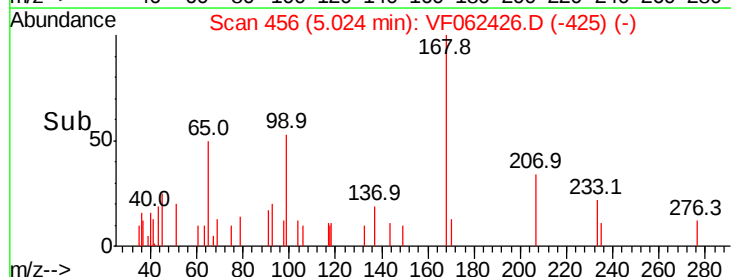
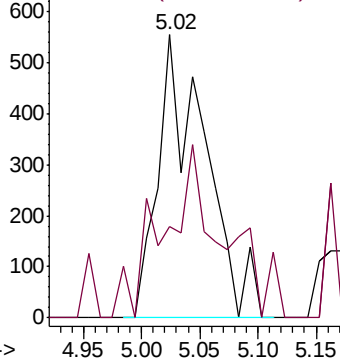
65 100

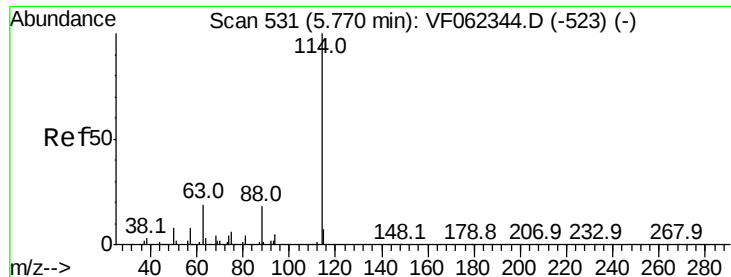
67 79.1 0.0 85.8



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: 5.78 min Scan# 533

Delta R.T. 0.01 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

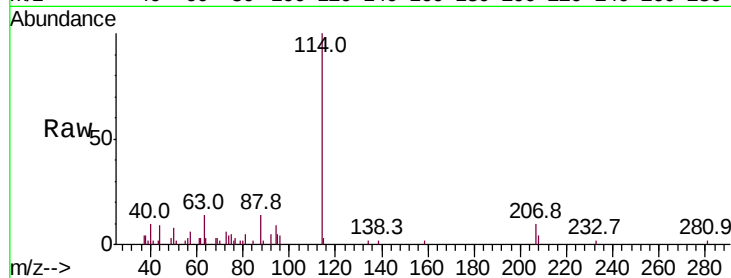
Tot Ion:114 Resp: 15383

Ion Ratio Lower Upper

114 100

63 13.7 0.0 37.4

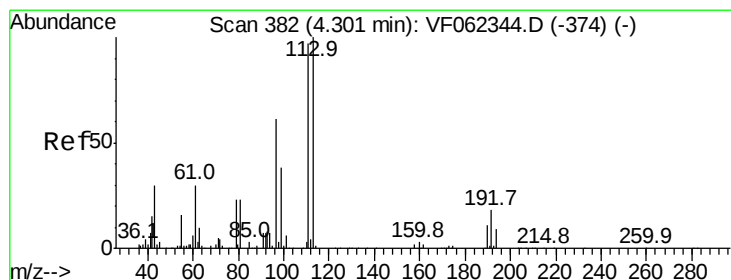
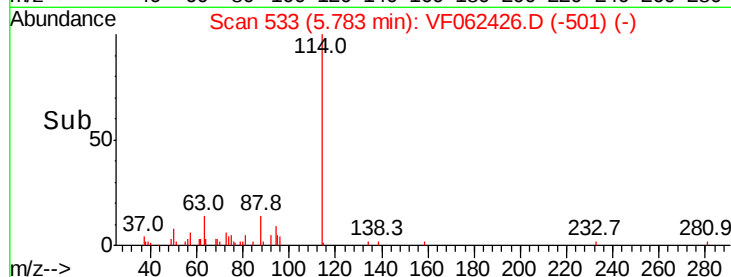
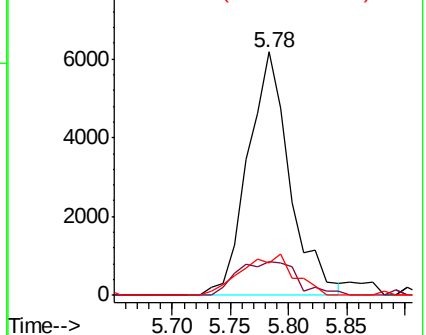
88 13.6 0.0 36.4



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: 27.384 ug/l

RT: 4.31 min Scan# 384

Delta R.T. 0.01 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

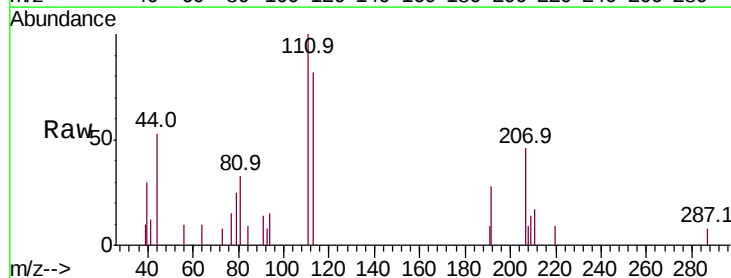
Tgt Ion:113 Resp: 3356

Ion Ratio Lower Upper

113 100

111 101.9 79.4 119.0

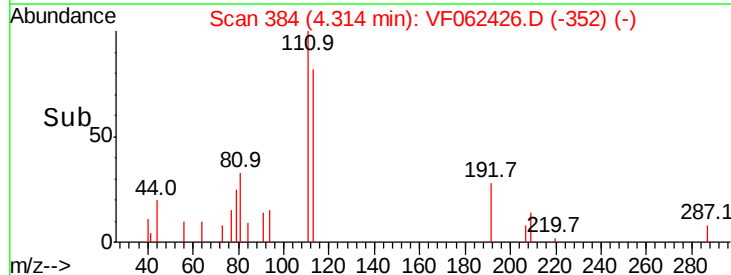
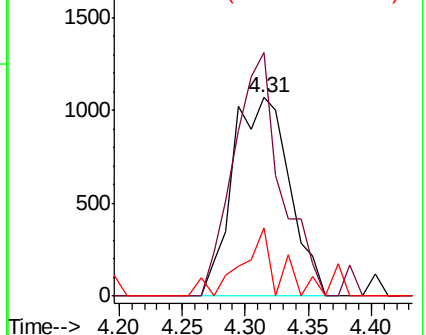
192 22.5 16.0 24.0

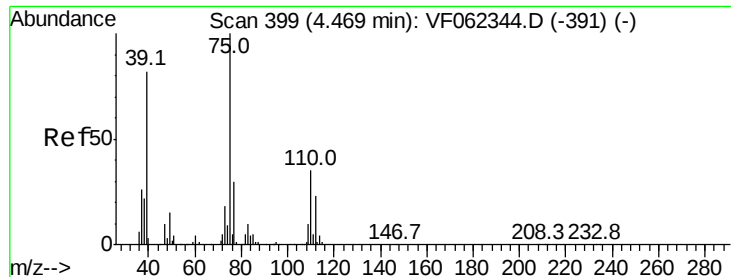


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 1.006 ug/l

RT: 4.46 min Scan# 399

Delta R.T. -0.01 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

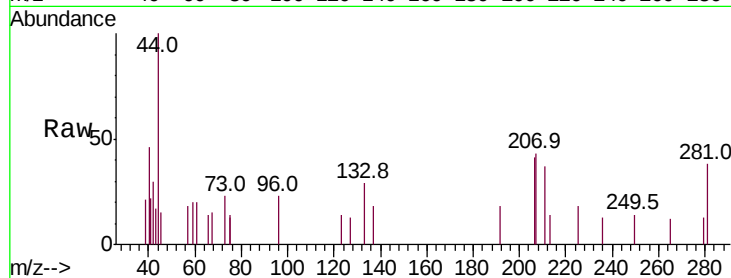
Tot Ion: 75 Resp: 133

Ion Ratio Lower Upper

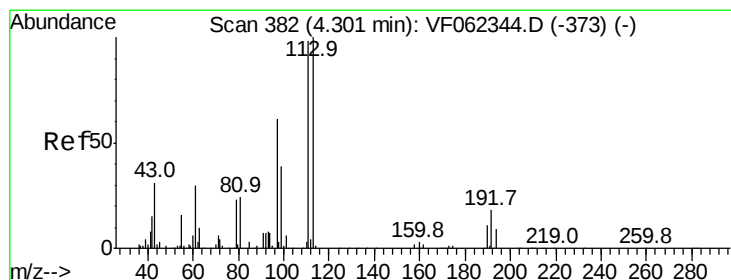
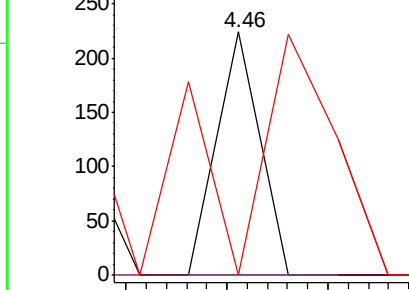
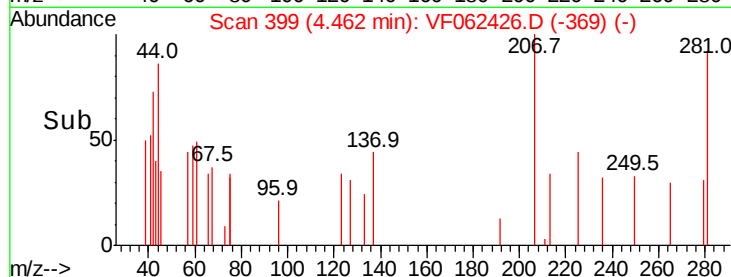
75 100

110 0.0 17.2 51.5#

77 233.1 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: Below Cal

RT: 4.28 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

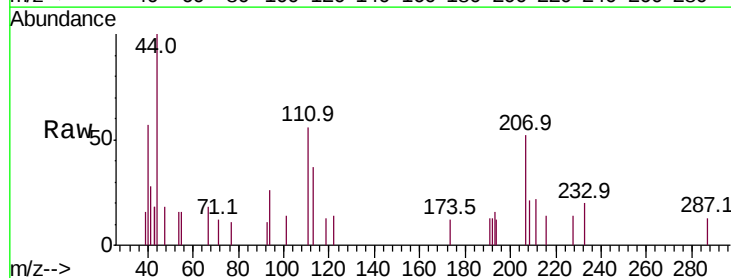
Tgt Ion: 43 Resp: 200

Ion Ratio Lower Upper

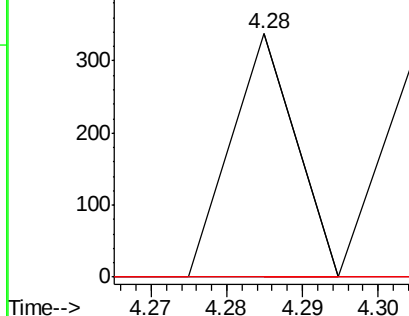
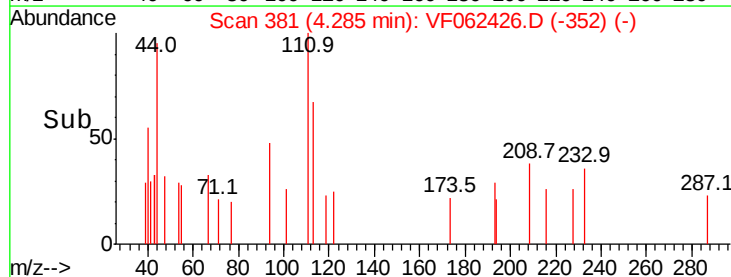
43 100

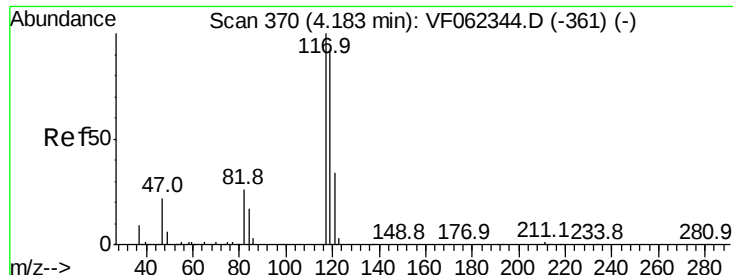
61 0.0 0.0 0.0

70 0.0 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: 4.42 min Scan# 395

Delta R.T. 0.24 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

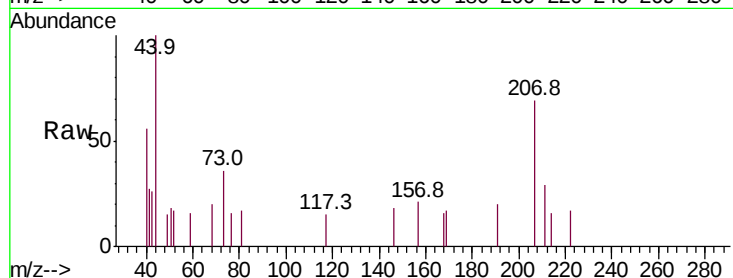
Tot Ion: 117 Resp: 60

Ion Ratio Lower Upper

117 100

119 0.0 73.4 110.2#

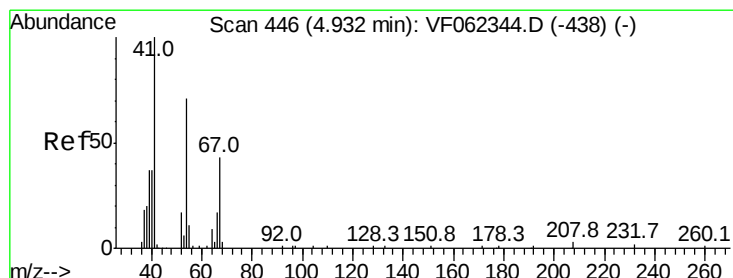
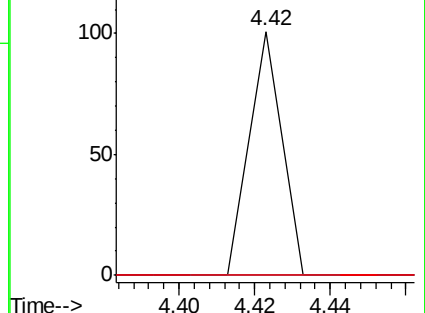
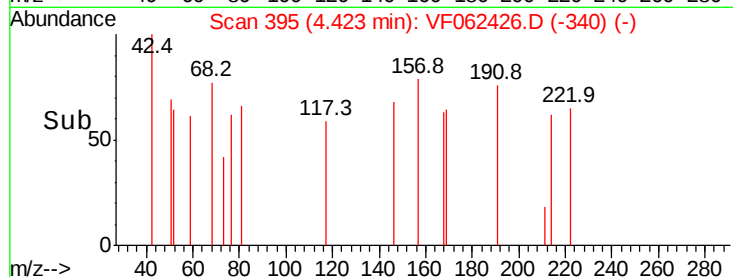
121 0.0 27.4 41.0#



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



#41

Methacrylonitrile

Concen: 7.543 ug/l

RT: 4.93 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Tgt Ion: 41 Resp: 239

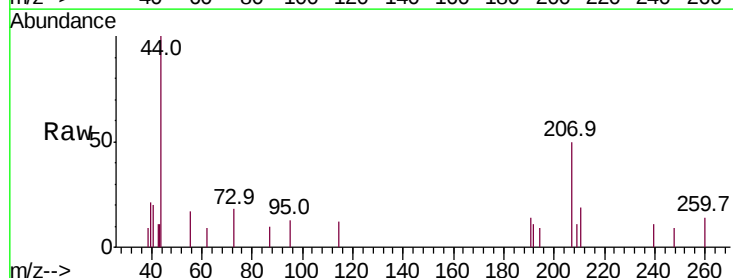
Ion Ratio Lower Upper

41 100

39 174.1 54.3 81.5#

67 0.0 37.8 56.8#

52 0.0 58.2 87.4#

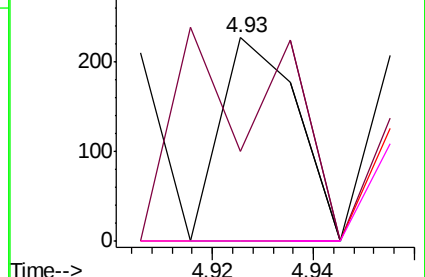
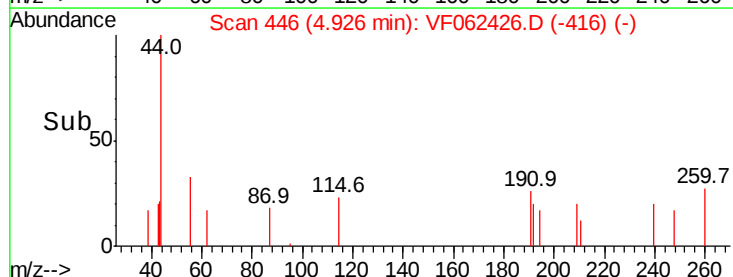


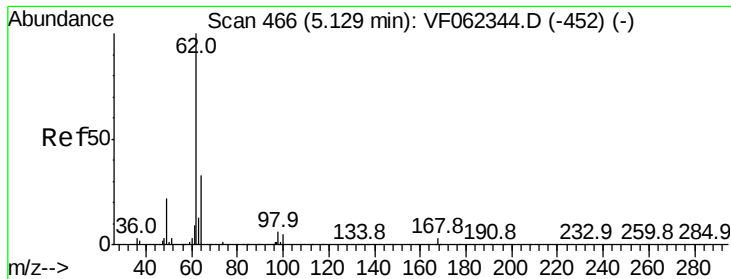
Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 1.027 ug/l

RT: 5.21 min Scan# 475

Delta R.T. 0.08 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

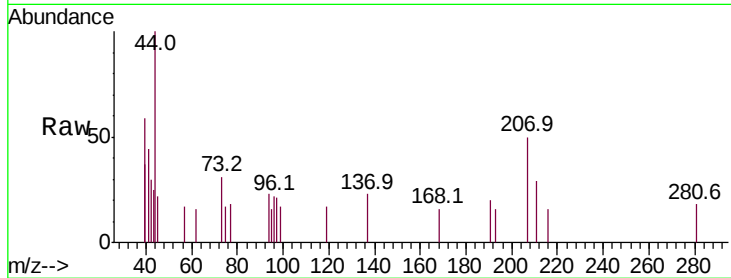
PL-02-050719-ARE

Tot Ion: 62 Resp: 125

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

150

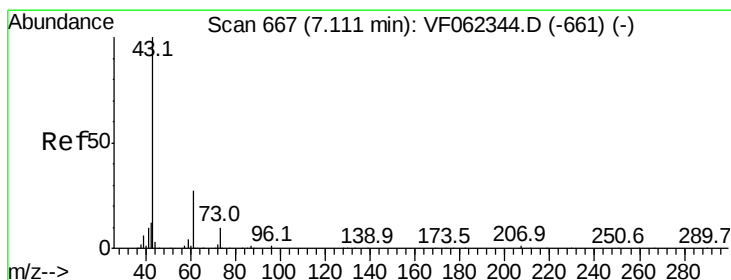
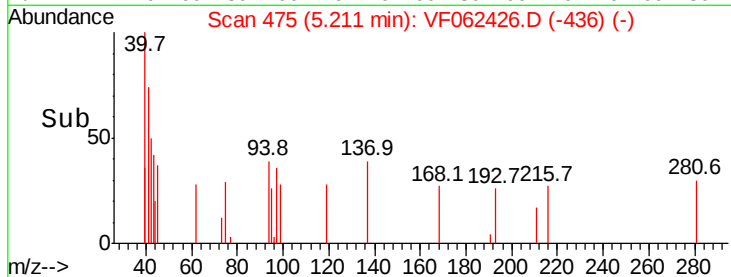
100

50

0

5.16 5.18 5.20 5.22 5.24

Time-->



#43

Isopropyl Acetate

Concen: 6.971 ug/l

RT: 7.11 min Scan# 668

Delta R.T. 0.00 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

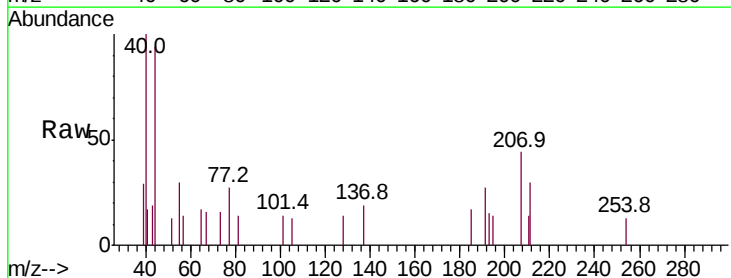
Tgt Ion: 43 Resp: 419

Ion Ratio Lower Upper

43 100

61 16.0 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

400

300

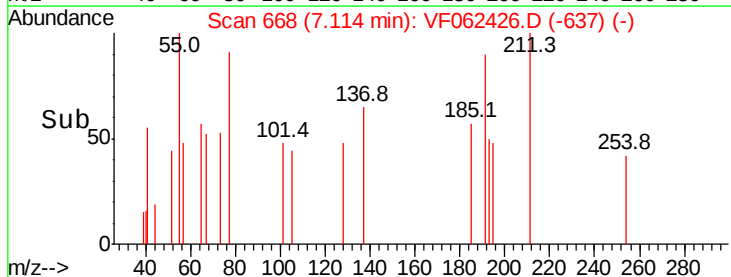
200

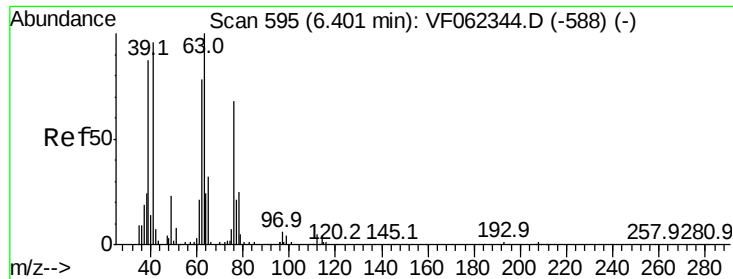
100

0

7.05 7.10

Time-->





#45

1,2-Dichloropropane

Concen: 2.033 ug/l

RT: 6.45 min Scan# 601

Delta R.T. 0.05 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

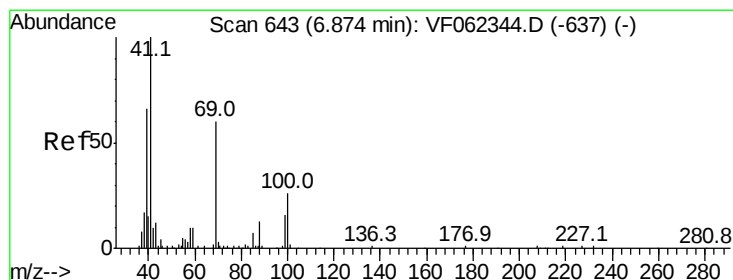
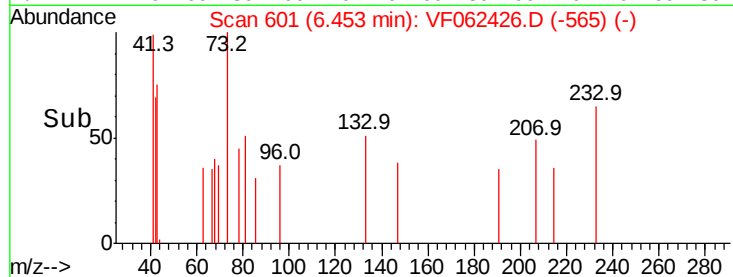
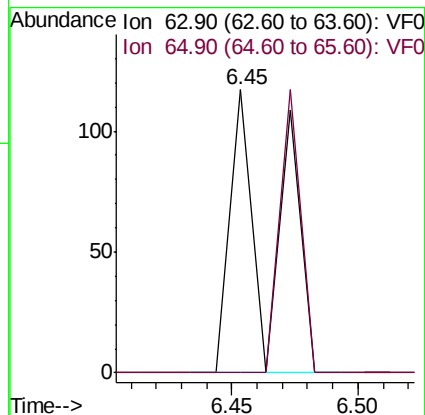
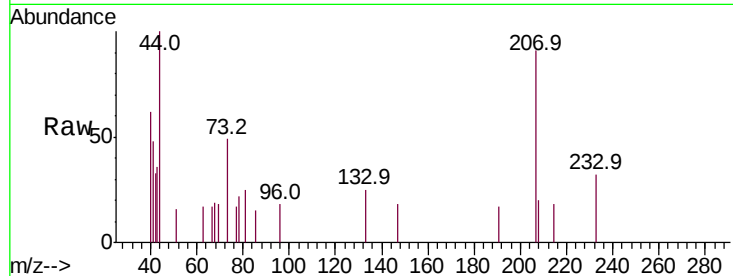
PL-02-050719-ARE

Tot Ion: 63 Resp: 134

Ion Ratio Lower Upper

63 100

65 0.0 25.6 38.4#



#48

Methyl methacrylate

Concen: 4.167 ug/l

RT: 6.91 min Scan# 647

Delta R.T. 0.03 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

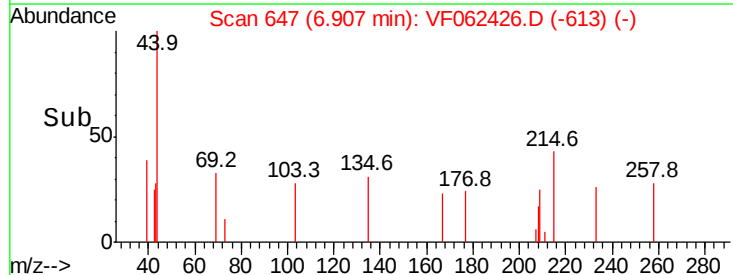
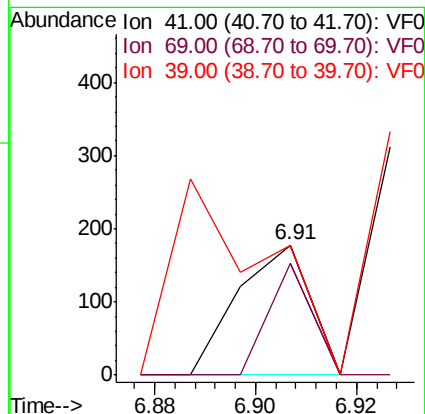
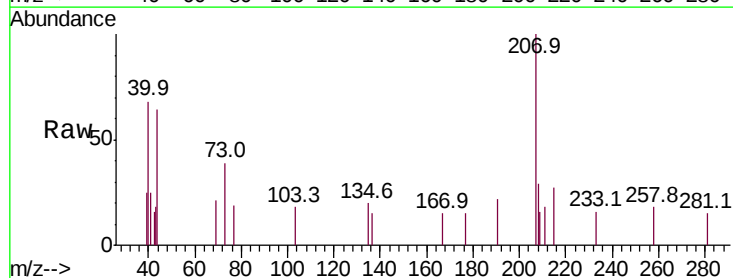
Tgt Ion: 41 Resp: 177

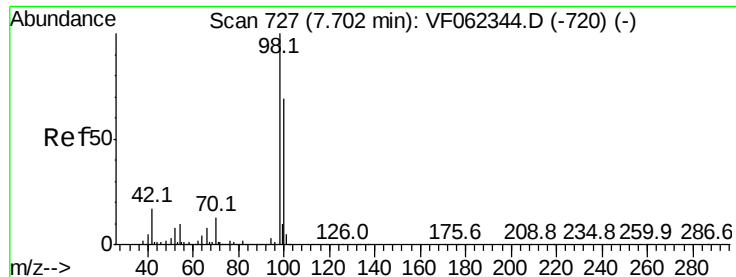
Ion Ratio Lower Upper

41 100

69 50.8 48.6 72.8

39 195.5 56.1 84.1#





#50

Toluene-d8

Concen: 50.334 ug/l

RT: 7.72 min Scan# 729

Delta R.T. 0.01 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

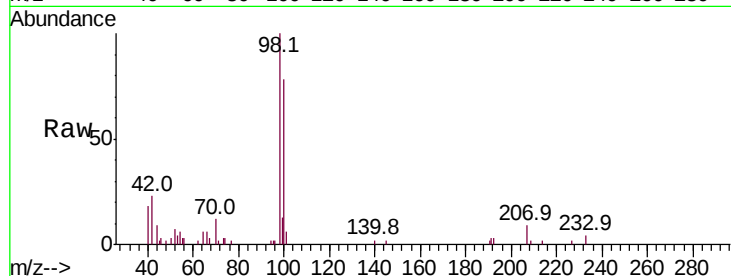
PL-02-050719-ARE

Tot Ion: 98 Resp: 14932

Ion Ratio Lower Upper

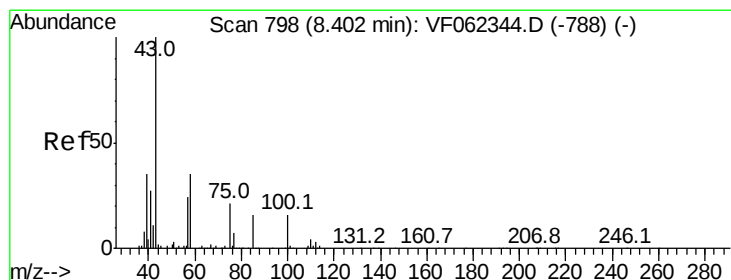
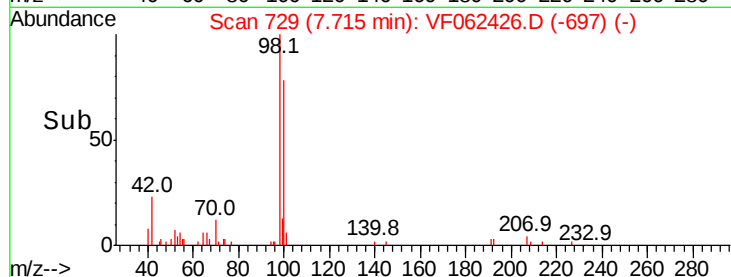
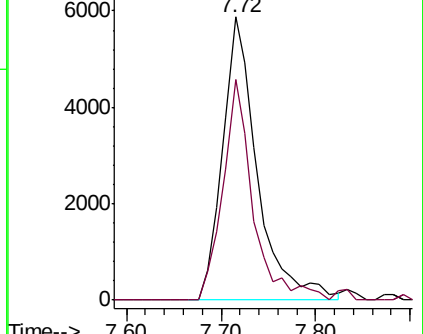
98 100

100 67.7 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: 4.962 ug/l

RT: 8.28 min Scan# 786

Delta R.T. -0.13 min

Lab File: VF062426.D

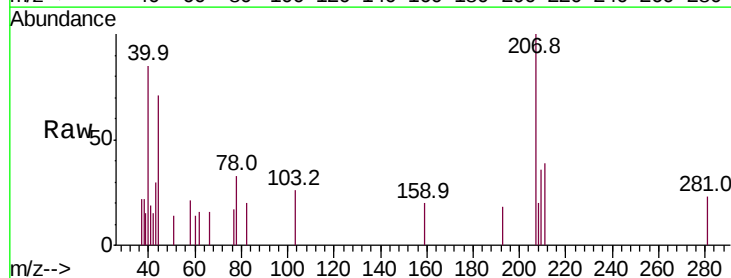
Acq: 10 May 2019 16:31

Tgt Ion: 43 Resp: 226

Ion Ratio Lower Upper

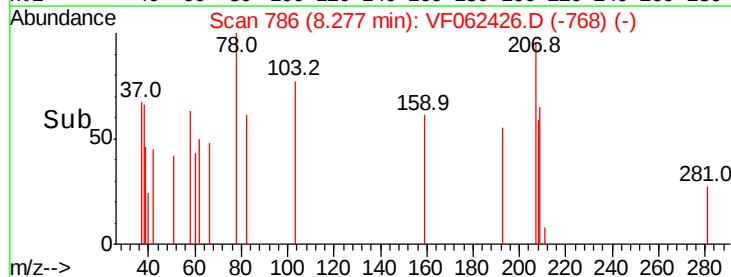
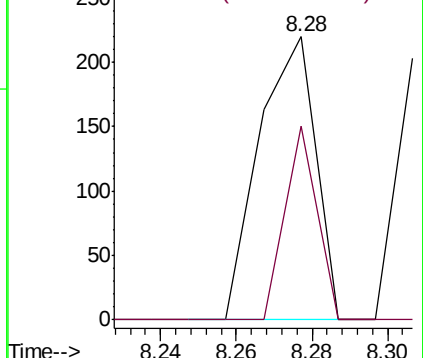
43 100

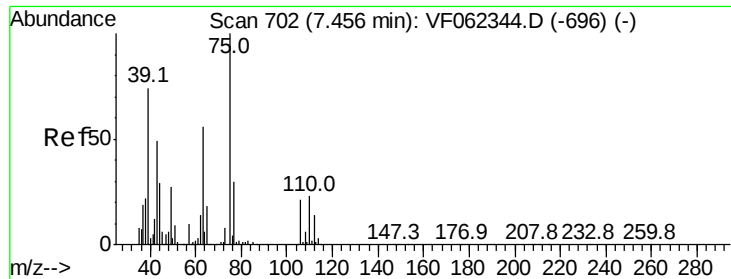
58 39.4 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



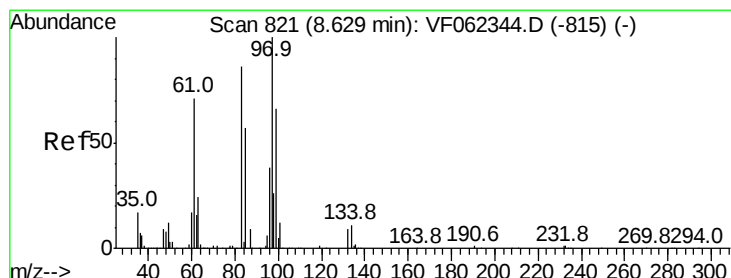
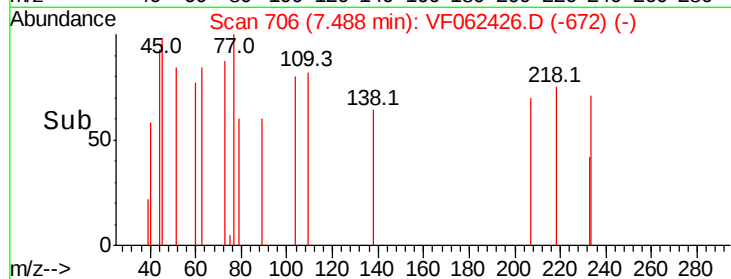
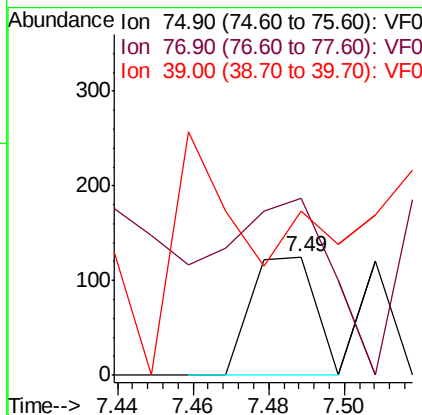
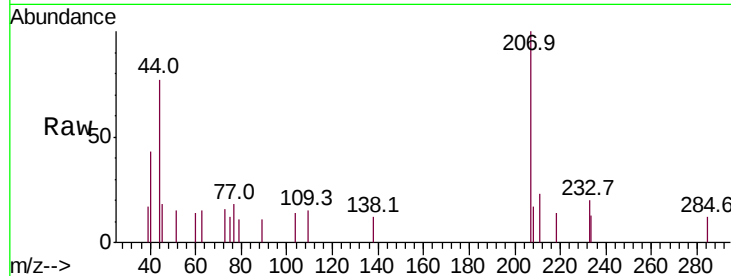


#54

cis-1,3-Dichloropropene
Concen: 1.214 ug/l
RT: 7.49 min Scan# 706
Delta R.T. 0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

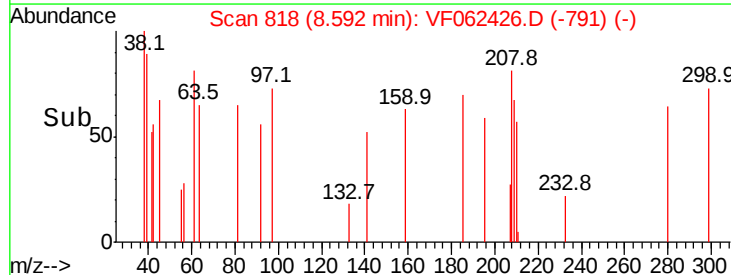
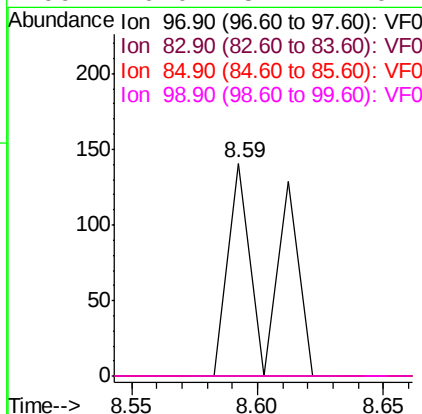
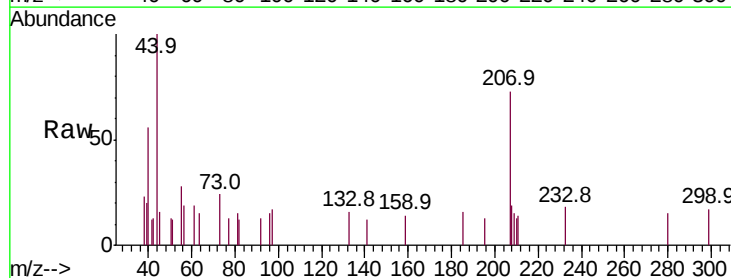
Tot Ion: 75 Resp: 146
Ion Ratio Lower Upper
75 100
77 69.6 24.0 36.0#
39 28.0 58.7 88.1#

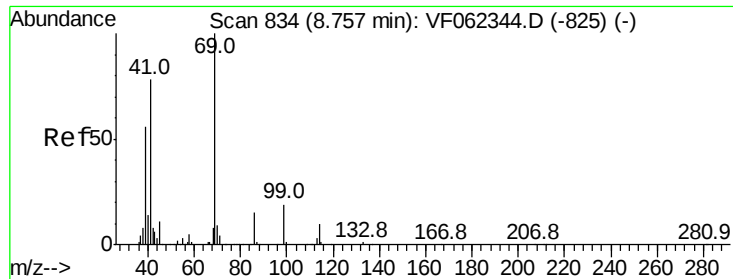


#55

1,1,2-Trichloroethane
Concen: 2.808 ug/l
RT: 8.59 min Scan# 818
Delta R.T. -0.04 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 97 Resp: 160
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#





#56

Ethyl methacrylate

Concen: 4.056 ug/l

RT: 8.74 min Scan# 833

Delta R.T. -0.02 min

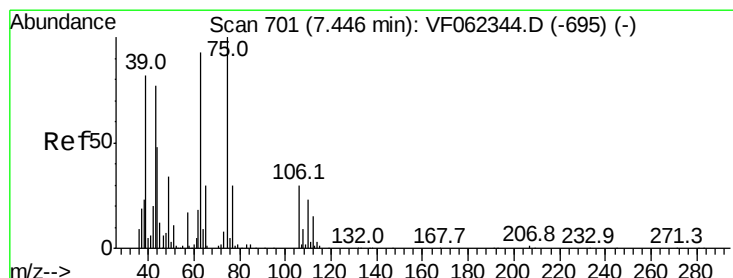
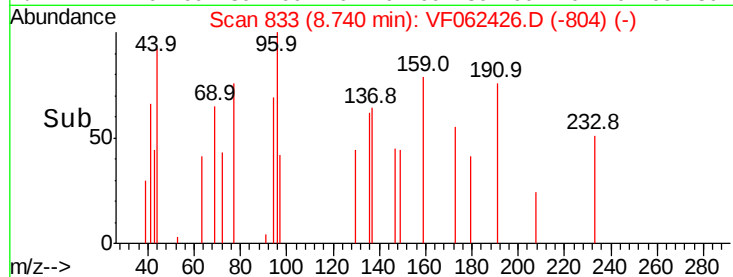
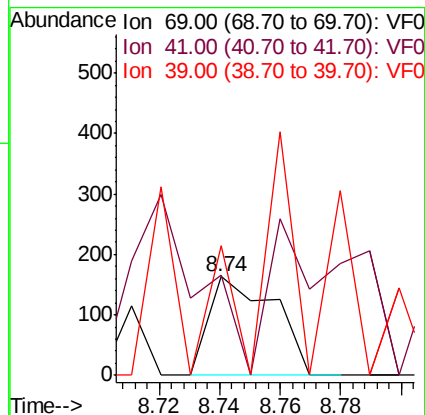
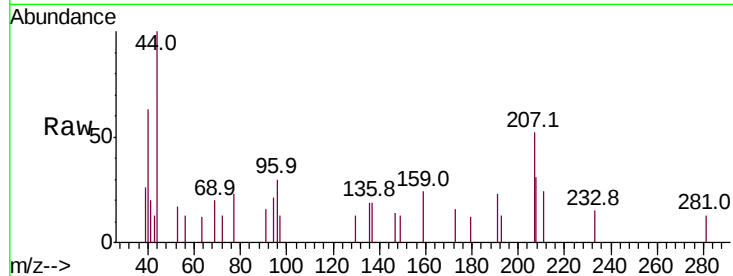
Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

Tot Ion: 69 Resp: 244

Ion	Ratio	Lower	Upper
69	100		
41	192.2	66.3	99.5#
39	259.0	50.1	75.1#



#58

2-Chloroethyl Vinyl ether

Concen: 5.142 ug/l

RT: 7.49 min Scan# 706

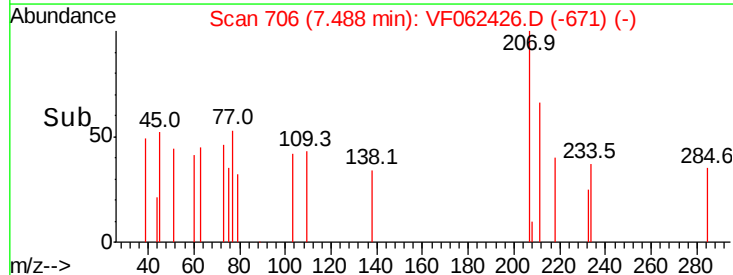
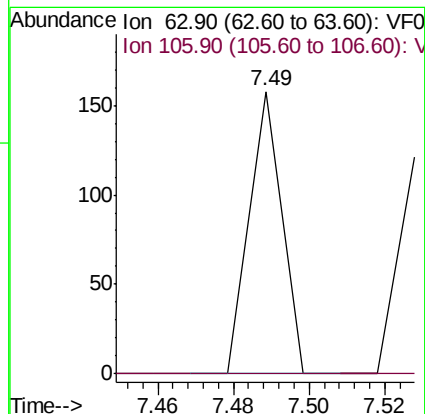
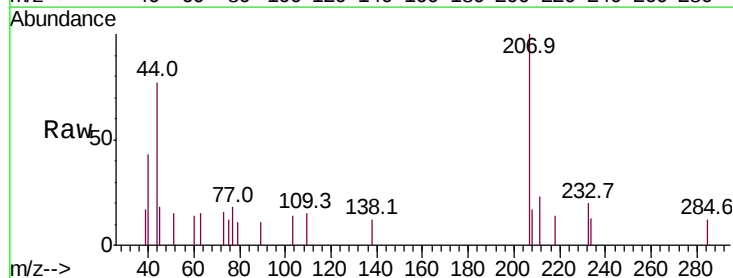
Delta R.T. 0.04 min

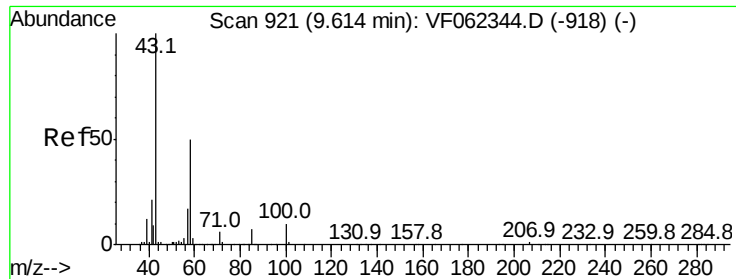
Lab File: VF062426.D

Acq: 10 May 2019 16:31

Tgt Ion: 63 Resp: 93

Ion	Ratio	Lower	Upper
63	100		
106	0.0	25.8	38.8#

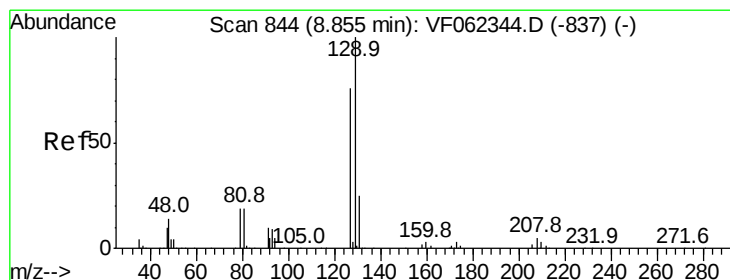
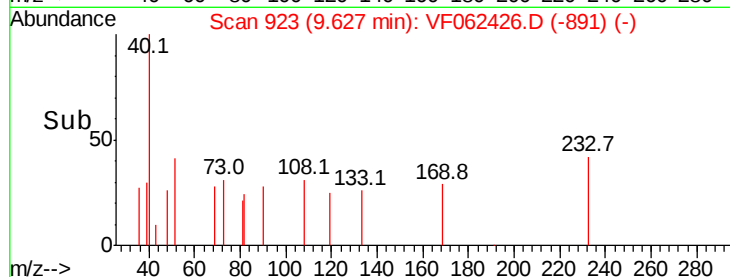
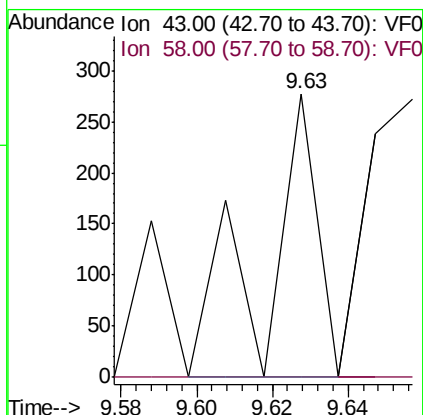
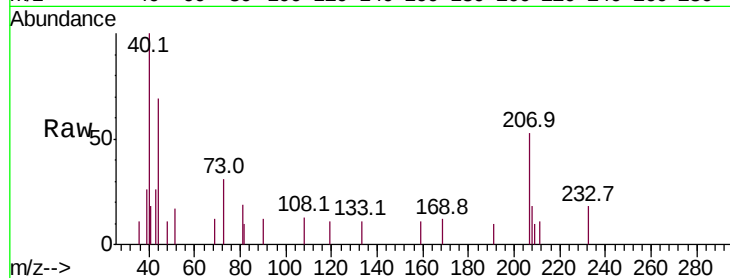




#59
2-Hexanone
Concen: 8.476 ug/l
RT: 9.63 min Scan# 923
Delta R.T. 0.01 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

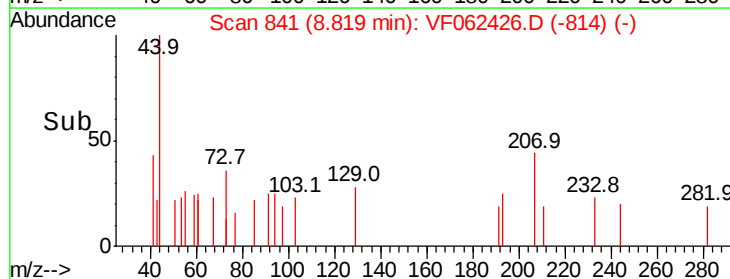
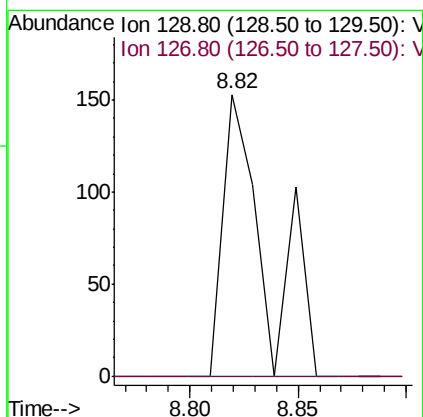
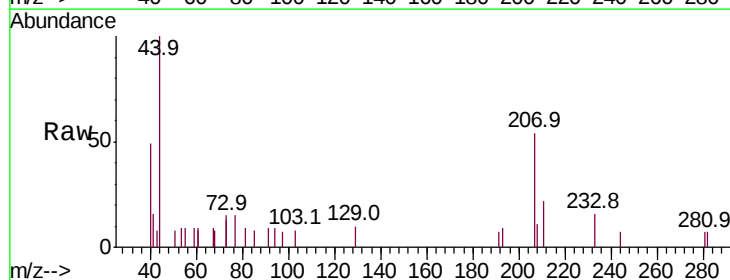
Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

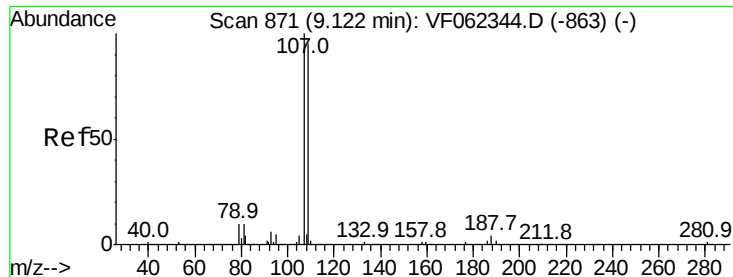
Tot Ion: 43 Resp: 267
Ion Ratio Lower Upper
43 100
58 0.0 24.3 73.0#



#60
Dibromochloromethane
Concen: 2.285 ug/l
RT: 8.82 min Scan# 841
Delta R.T. -0.04 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion: 129 Resp: 213
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#





#61

1,2-Dibromoethane

Concen: 1.000 ug/l

RT: 9.11 min Scan# 870

Delta R.T. -0.02 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

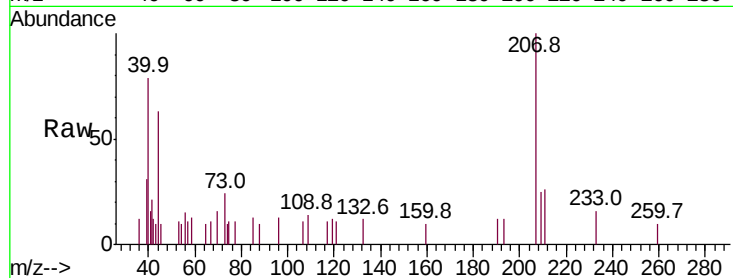
PL-02-050719-ARE

Tot Ion:107 Resp: 67

Ion Ratio Lower Upper

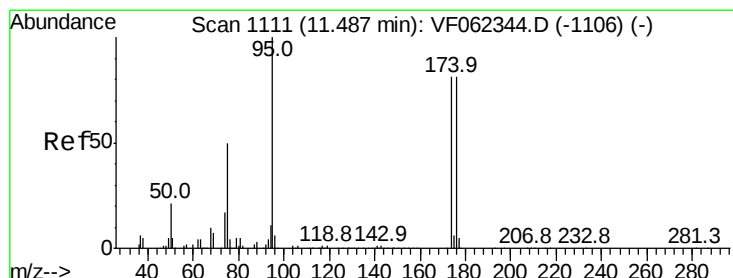
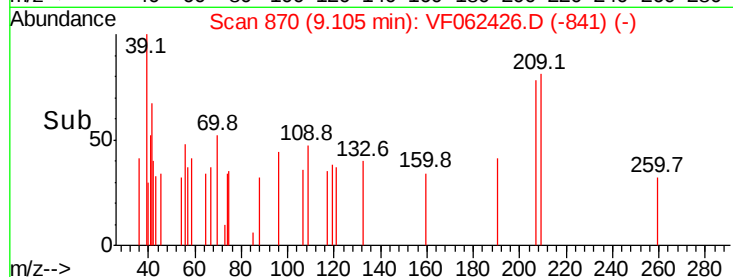
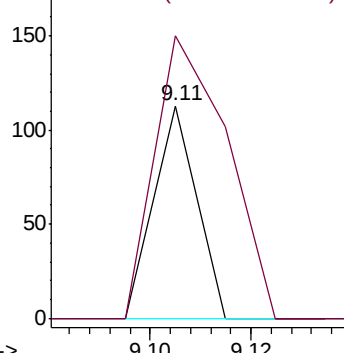
107 100

109 222.4 75.2 112.8#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 17.633 ug/l

RT: 11.49 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

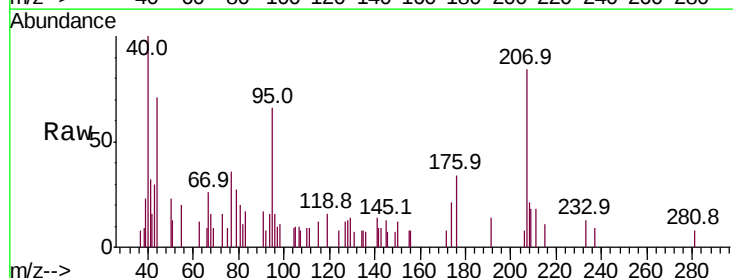
Tgt Ion: 95 Resp: 2360

Ion Ratio Lower Upper

95 100

174 79.7 0.0 191.8

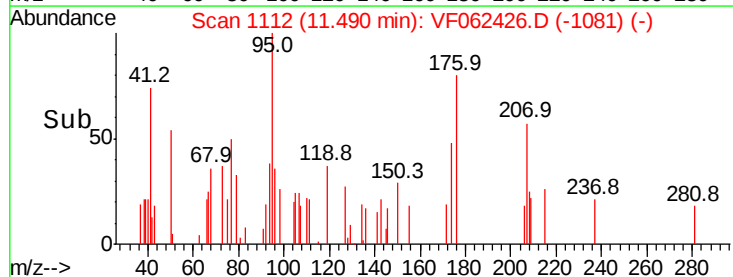
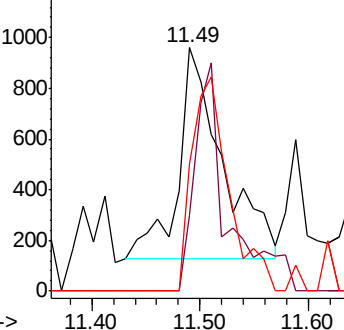
176 85.3 0.0 193.2

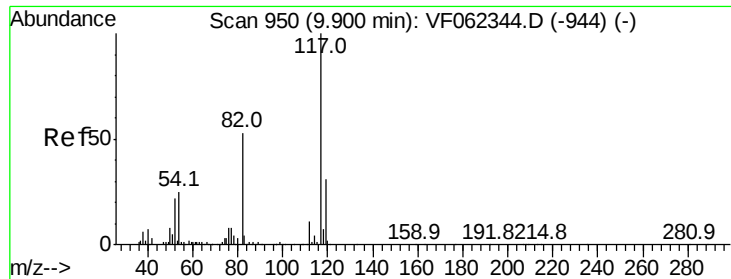


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.92 min Scan# 953

Delta R.T. 0.02 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

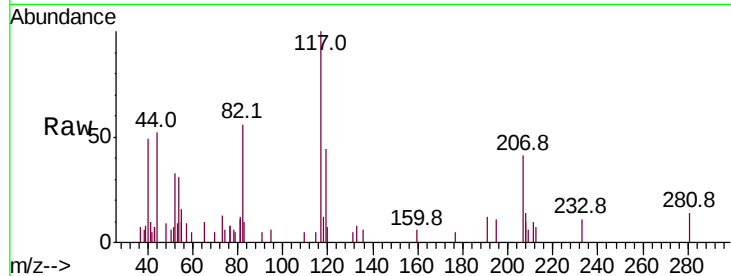
Tot Ion:117 Resp: 6416

Ion Ratio Lower Upper

117 100

82 55.9 42.2 63.2

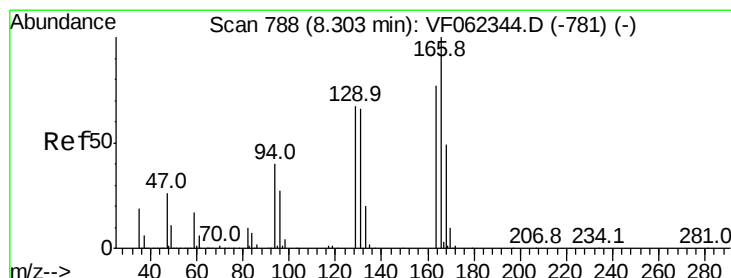
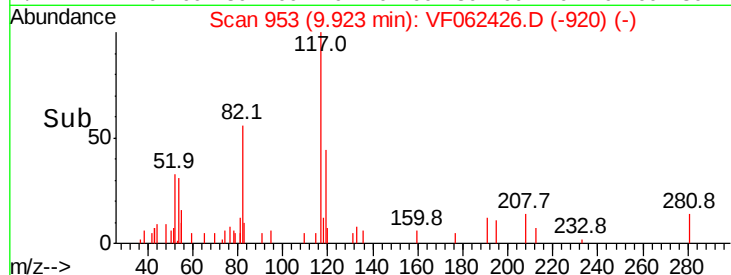
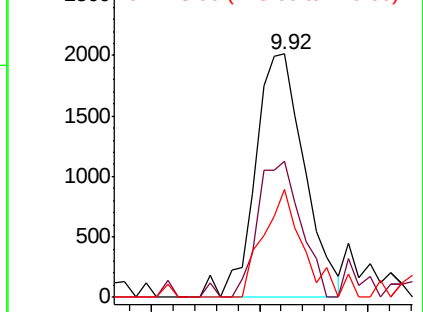
119 44.4 25.0 37.4#



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.248 ug/l

RT: 8.29 min Scan# 787

Delta R.T. -0.02 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Tgt Ion:164 Resp: 65

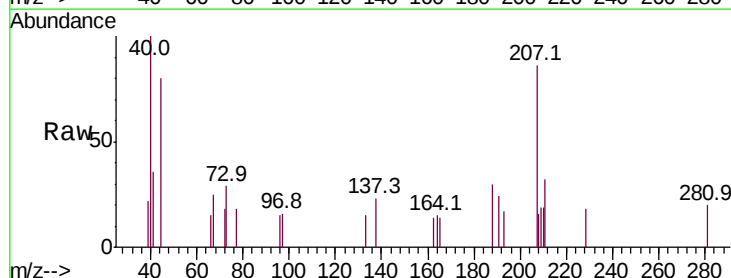
Ion Ratio Lower Upper

164 100

166 0.0 104.2 156.4#

129 0.0 69.6 104.4#

131 0.0 68.8 103.2#

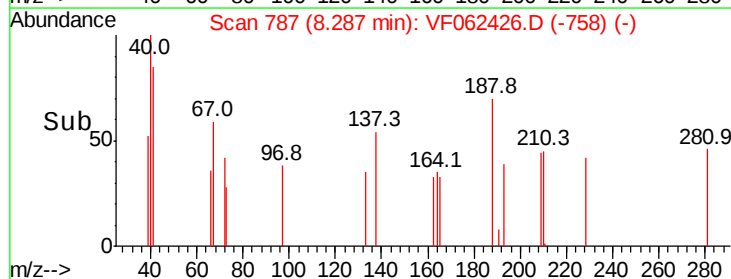
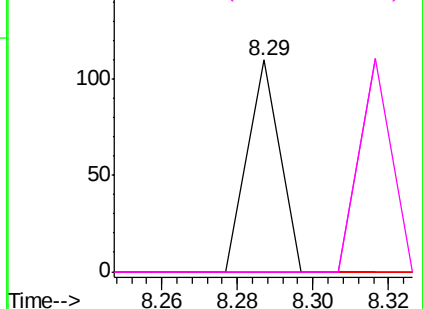


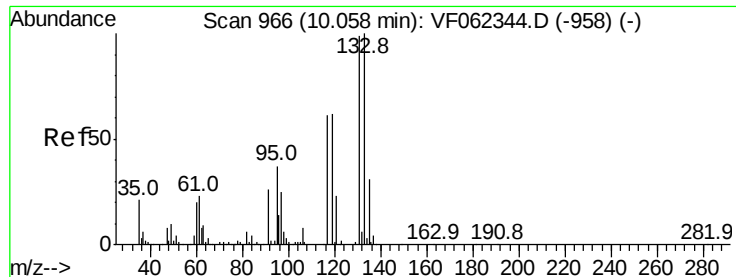
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#66

1,1,1,2-Tetrachloroethane

Concen: 1.830 ug/l

RT: 10.05 min Scan# 966

Delta R.T. -0.01 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

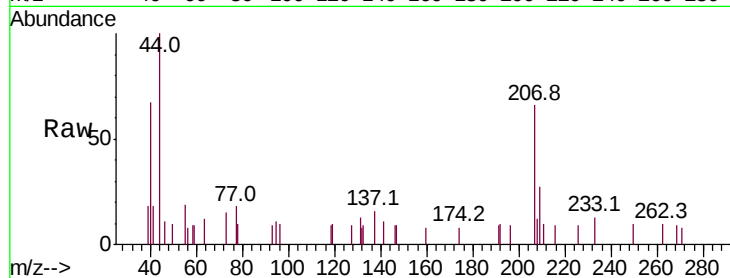
Tot Ion:131 Resp: 98

Ion Ratio Lower Upper

131 100

133 215.3 50.2 150.7#

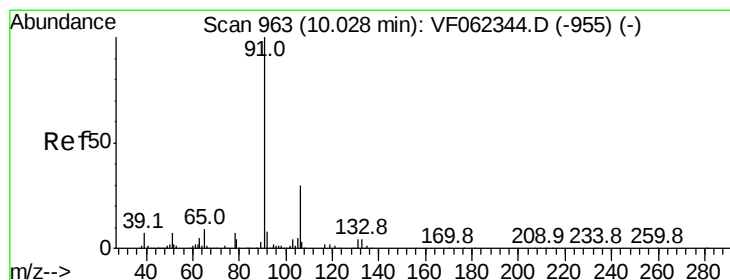
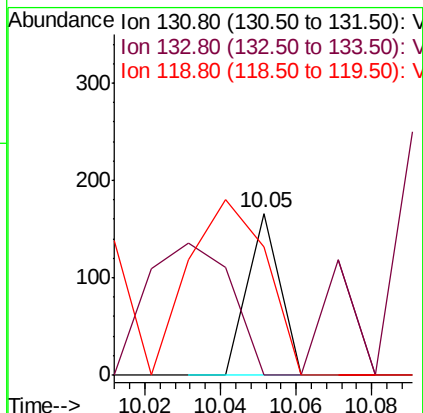
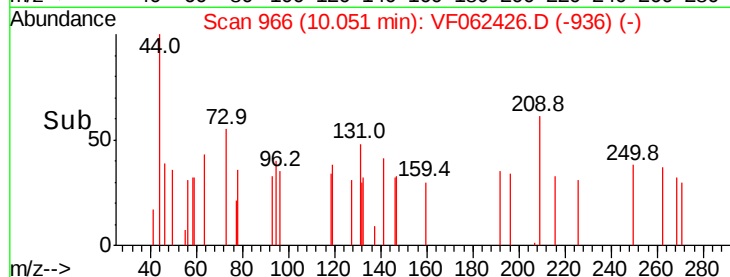
119 342.9 31.6 95.0#



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: 1.673 ug/l

RT: 10.03 min Scan# 964

Delta R.T. 0.00 min

Lab File: VF062426.D

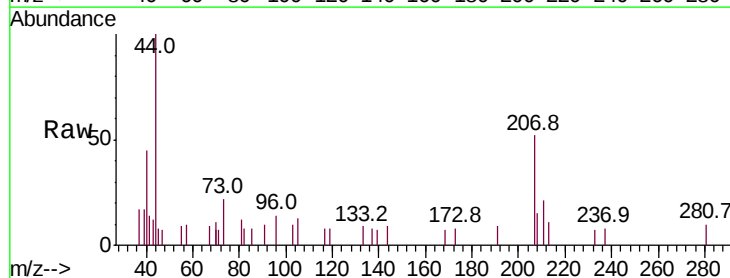
Acq: 10 May 2019 16:31

Tgt Ion: 91 Resp: 311

Ion Ratio Lower Upper

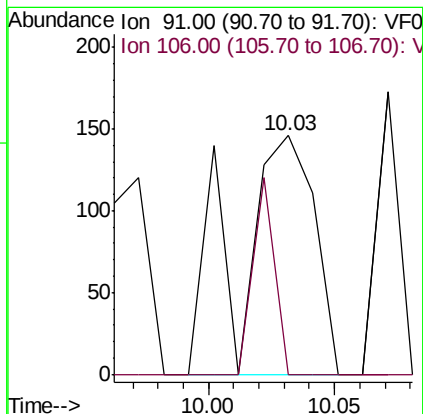
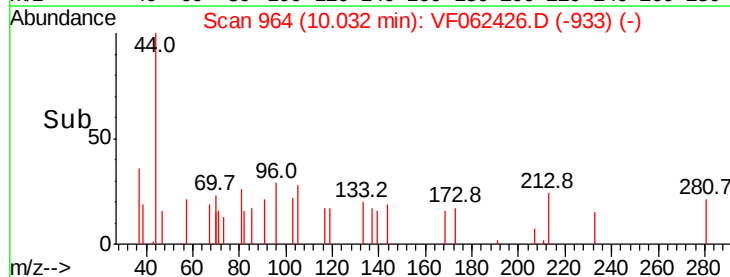
91 100

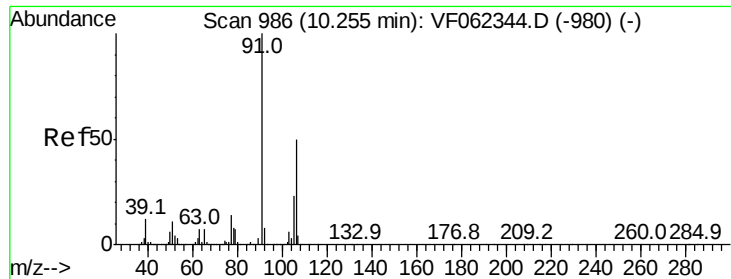
106 0.0 24.1 36.1#



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 106.00 (105.70 to 106.70): V

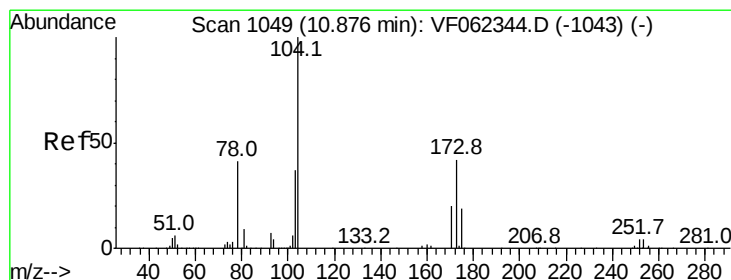
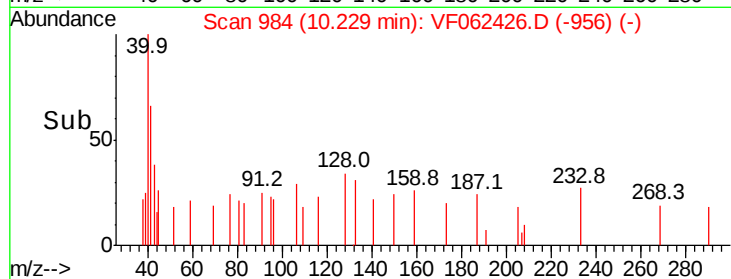
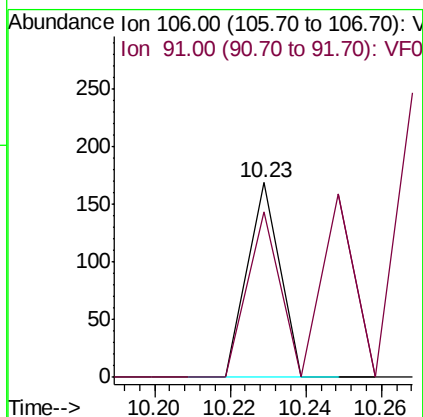
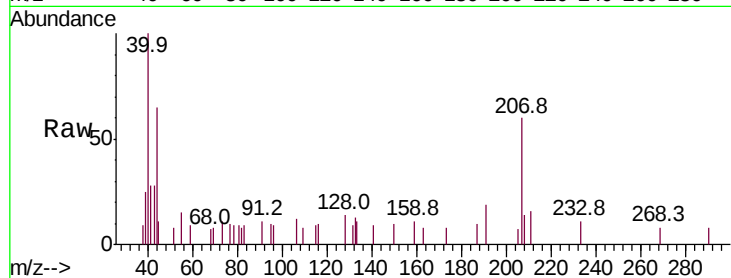




#68
m/p-Xvlenes
Concen: 1.443 ug/l
RT: 10.23 min Scan# 984
Delta R.T. -0.03 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

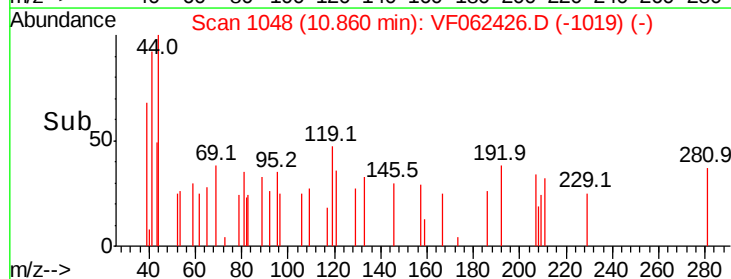
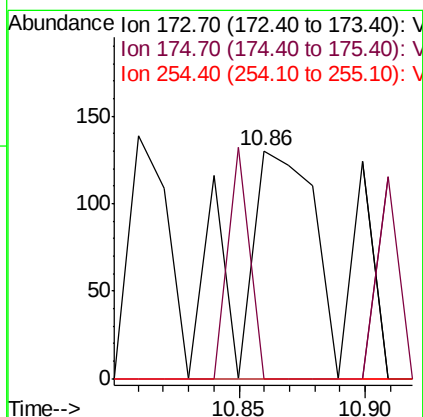
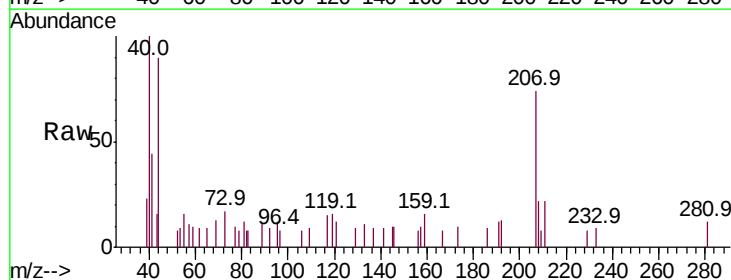
Instrument :
MSVOA_F
ClientSampleId :
PL-02-050719-ARE

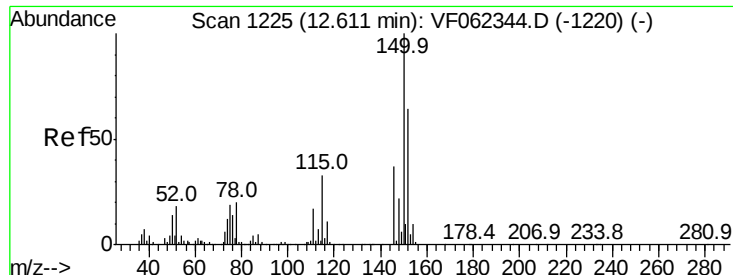
Tot Ion:106 Resp: 99
Ion Ratio Lower Upper
106 100
91 85.9 167.4 251.2#



#71
Bromoform
Concen: 9.646 ug/l
RT: 10.86 min Scan# 1048
Delta R.T. -0.02 min
Lab File: VF062426.D
Acq: 10 May 2019 16:31

Tgt Ion:173 Resp: 283
Ion Ratio Lower Upper
173 100
175 27.6 23.8 71.2
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.02 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

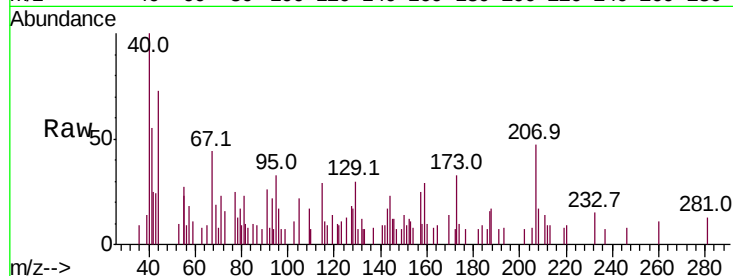
Tot Ion:152 Resp: 409

Ion Ratio Lower Upper

152 100

115 274.1 26.4 79.2#

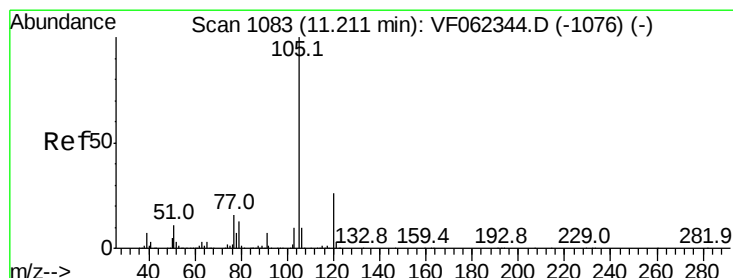
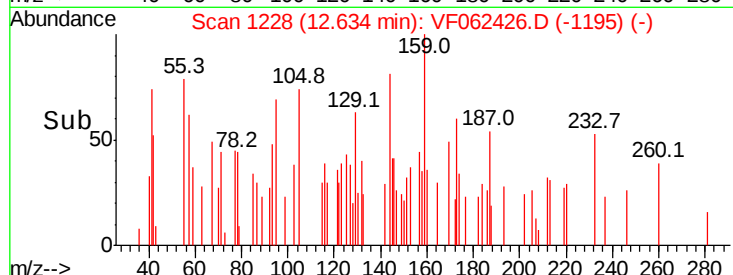
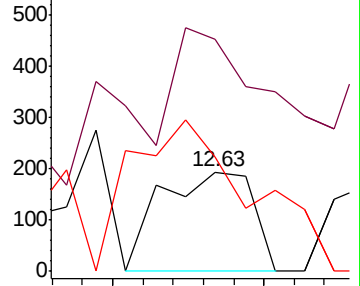
150 199.3 0.0 335.0



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: 14.105 ug/l

RT: 11.16 min Scan# 1078

Delta R.T. -0.06 min

Lab File: VF062426.D

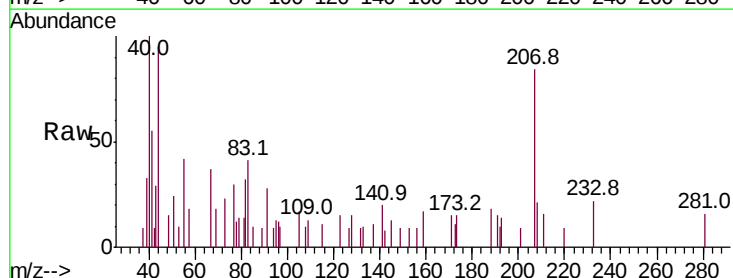
Acq: 10 May 2019 16:31

Tgt Ion:105 Resp: 342

Ion Ratio Lower Upper

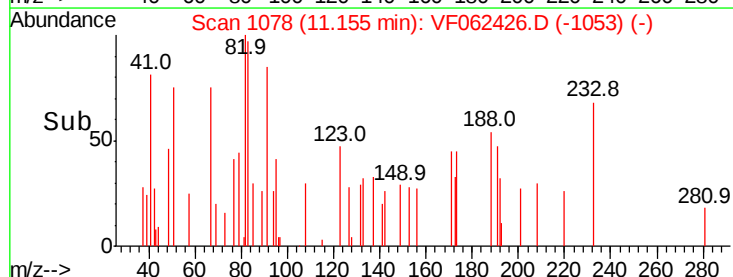
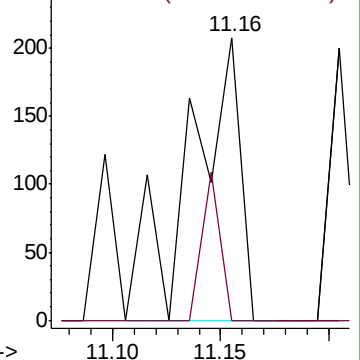
105 100

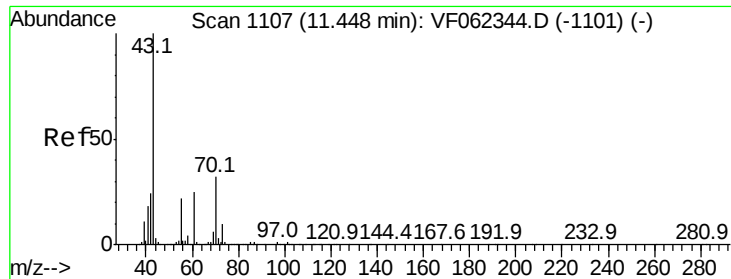
120 18.7 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 185.572 ug/l

RT: 11.43 min Scan# 1106

Delta R.T. -0.02 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

Tot Ion: 43 Resp: 966

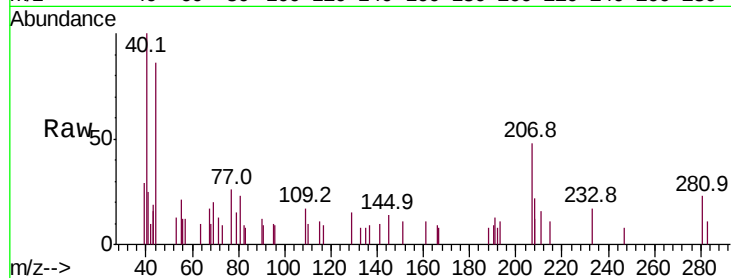
Ion Ratio Lower Upper

43 100

70 9.0 26.5 39.7#

55 29.9 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

800

600

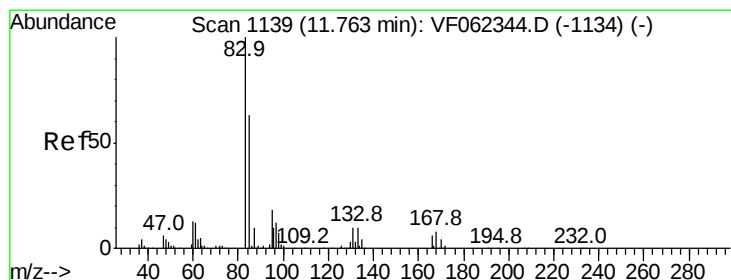
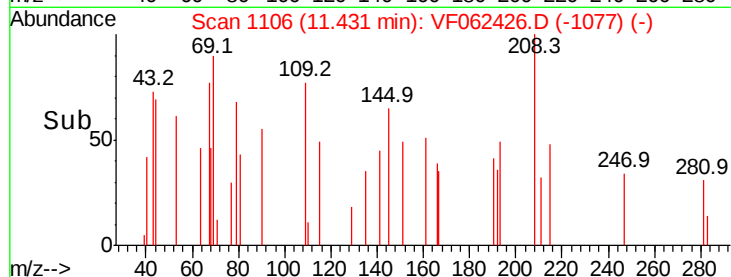
400

200

0

11.40 11.45

Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 106.151 ug/l

RT: 11.74 min Scan# 1137

Delta R.T. -0.03 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

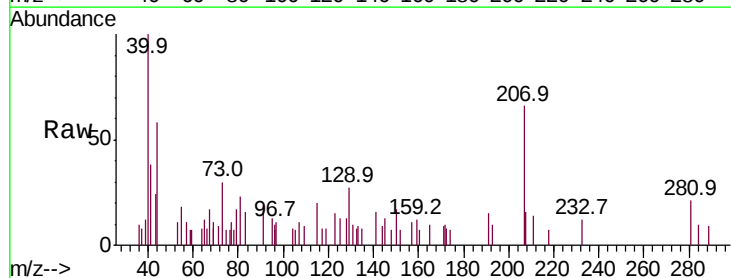
Tgt Ion: 83 Resp: 403

Ion Ratio Lower Upper

83 100

131 36.7 5.8 17.4#

85 0.0 35.3 105.7#



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0

300

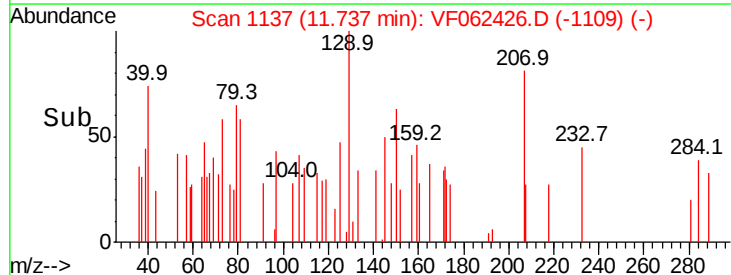
200

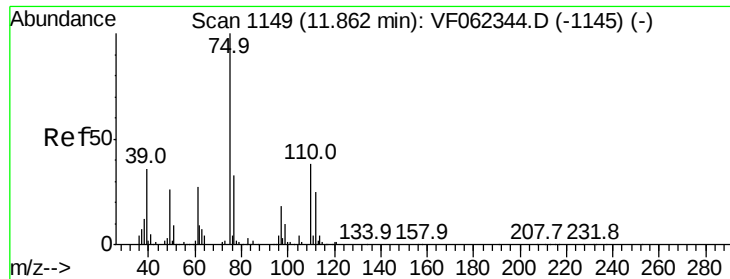
100

0

11.70 11.75

Time-->

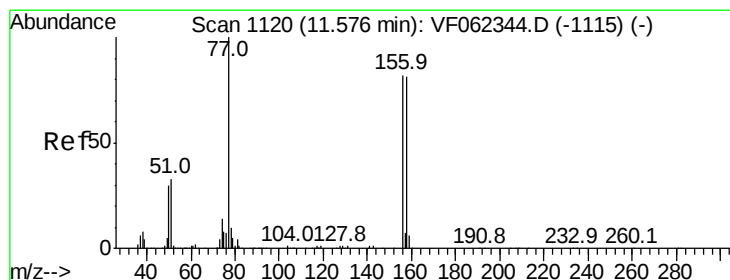
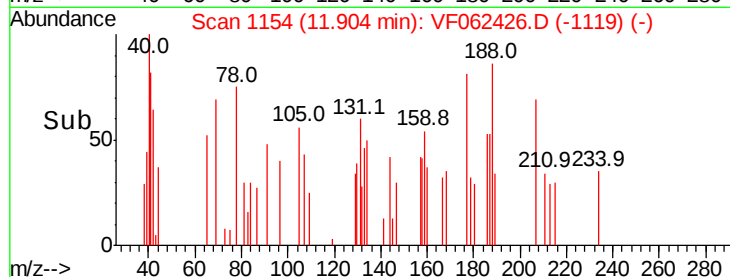
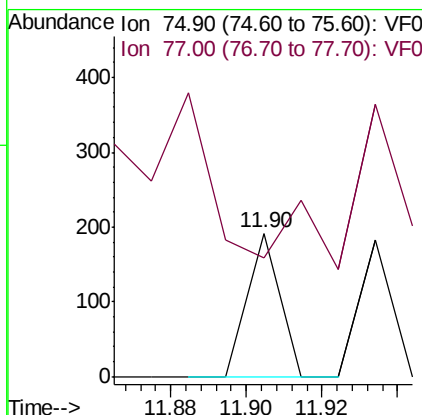
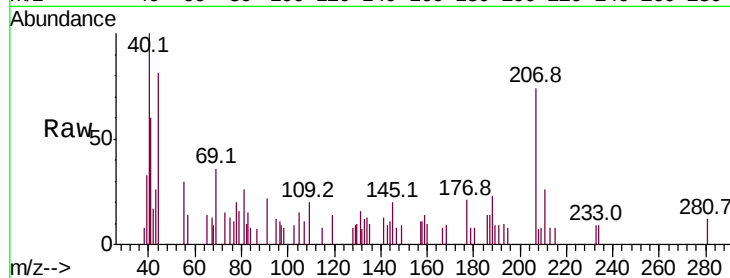




#76
 1,2,3-Trichloropropane
 Concen: 39.358 ug/l
 RT: 11.90 min Scan# 1154
 Delta R.T. 0.04 min
 Lab File: VF062426.D
 Acq: 10 May 2019 16:31

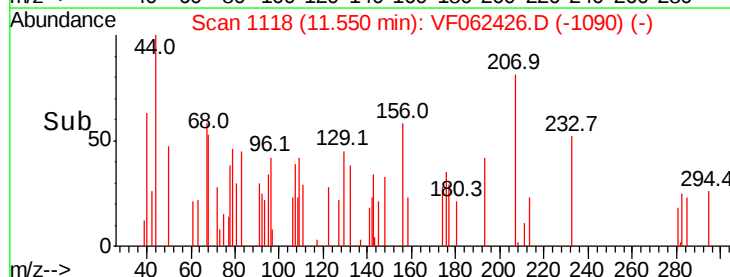
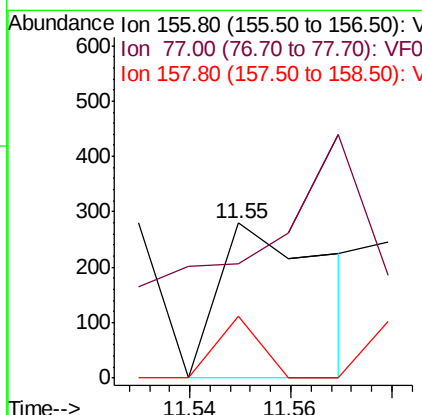
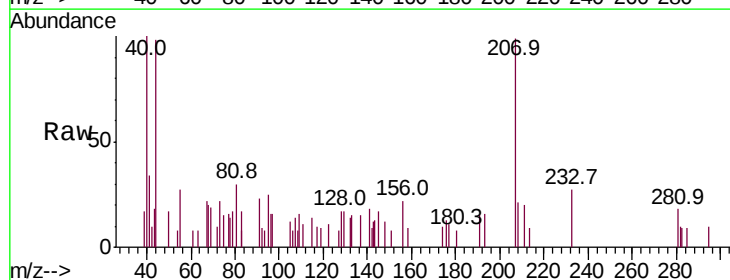
Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-050719-ARE

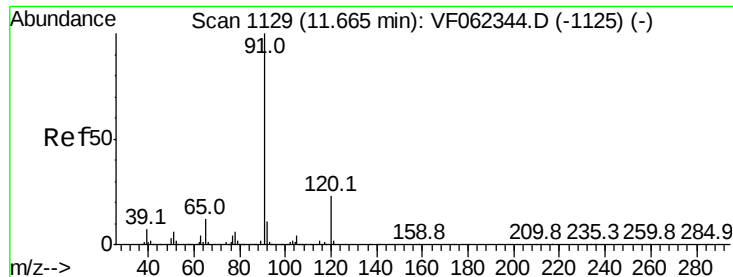
Tot Ion: 75 Resp: 114
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 66.944 ug/l
 RT: 11.55 min Scan# 1118
 Delta R.T. -0.03 min
 Lab File: VF062426.D
 Acq: 10 May 2019 16:31

Tgt Ion: 156 Resp: 426
 Ion Ratio Lower Upper
 156 100
 77 0.0 64.8 194.3#
 158 15.5 49.1 147.3#





#78

n-propylbenzene

Concen: 20.647 ug/l

RT: 11.73 min Scan# 1136

Delta R.T. 0.06 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

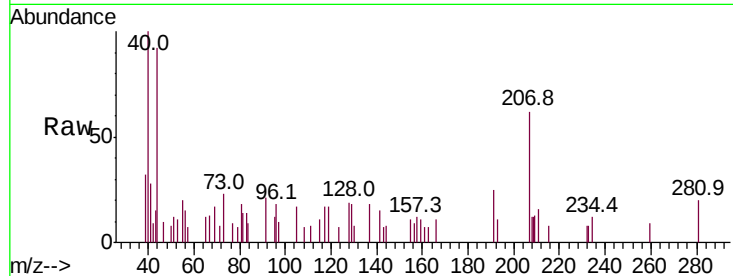
PL-02-050719-ARE

Tot Ion: 91 Resp: 533

Ion Ratio Lower Upper

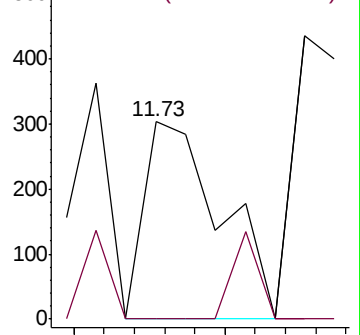
91 100

120 15.0 11.9 35.5

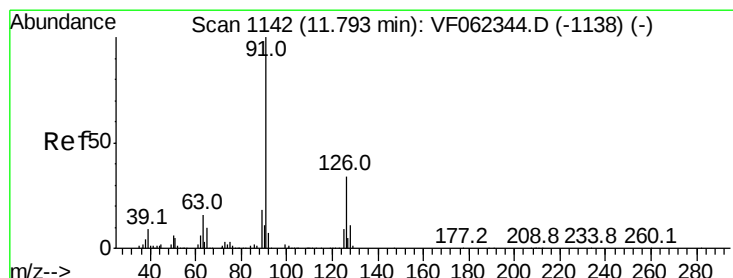
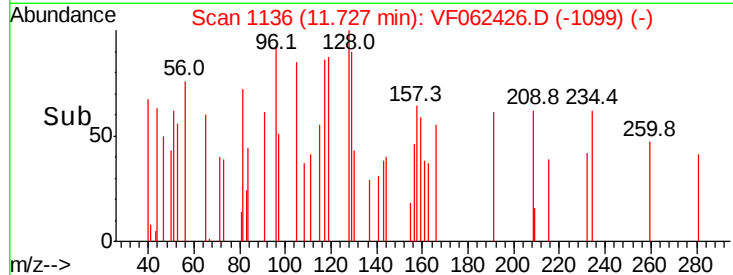


Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

2-Chlorotoluene

Concen: 78.494 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. -0.02 min

Lab File: VF062426.D

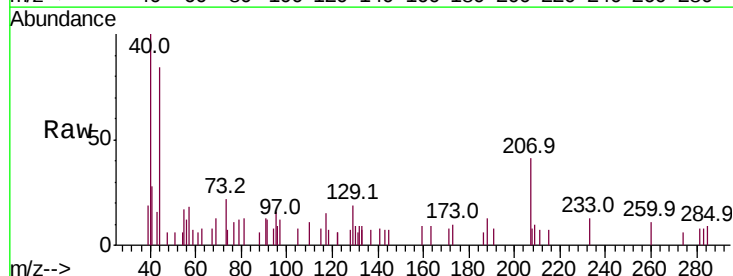
Acq: 10 May 2019 16:31

Tgt Ion: 91 Resp: 1260

Ion Ratio Lower Upper

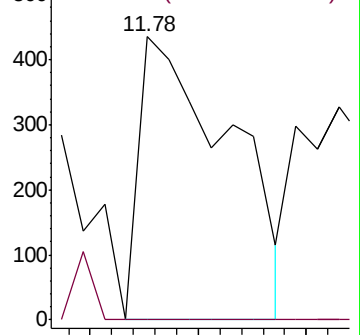
91 100

126 0.0 17.8 53.4#

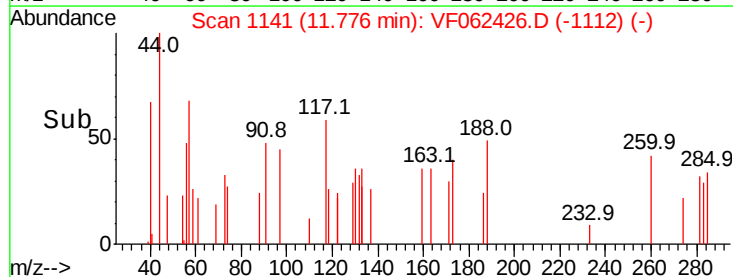


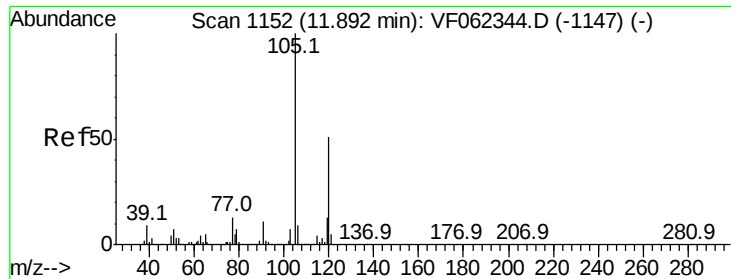
Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V



Time-->





#80

1,3,5-Trimethylbenzene

Concen: 40.419 ug/l

RT: 11.94 min Scan# 1158

Delta R.T. 0.05 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

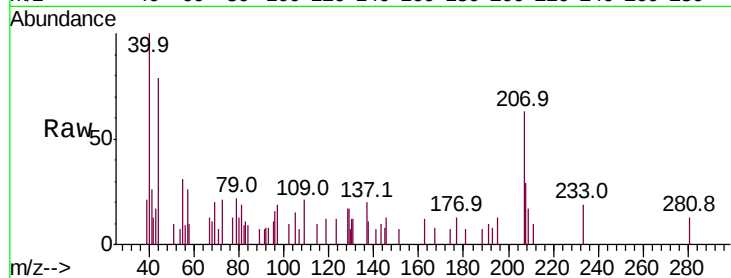
PL-02-050719-ARE

Tot Ion:105 Resp: 859

Ion Ratio Lower Upper

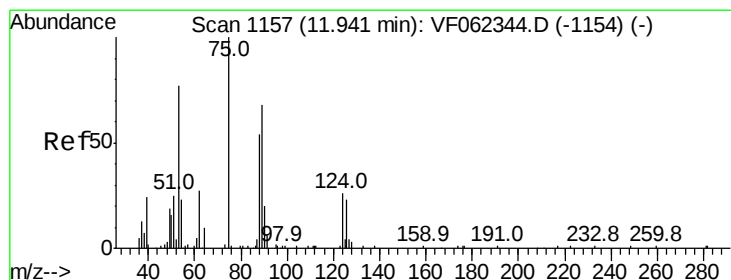
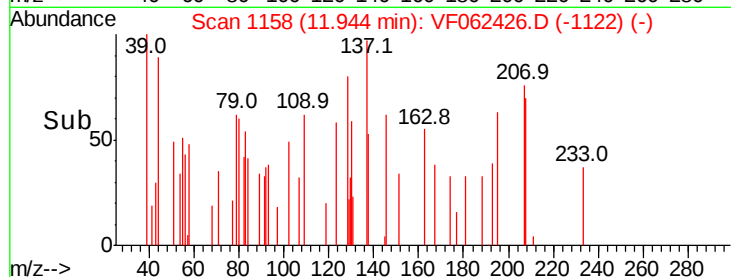
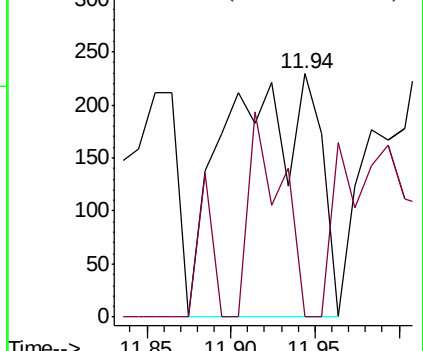
105 100

120 54.7 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: 99.196 ug/l

RT: 11.93 min Scan# 1157

Delta R.T. -0.01 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

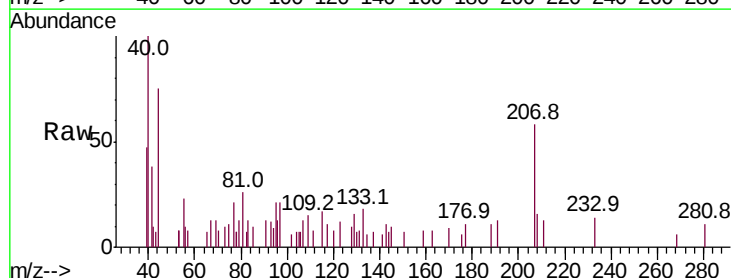
Tgt Ion: 75 Resp: 108

Ion Ratio Lower Upper

75 100

53 511.1 71.9 107.9#

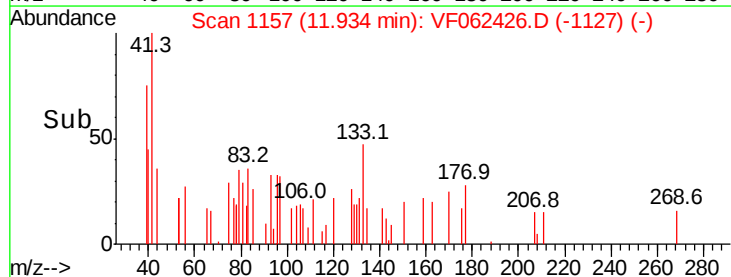
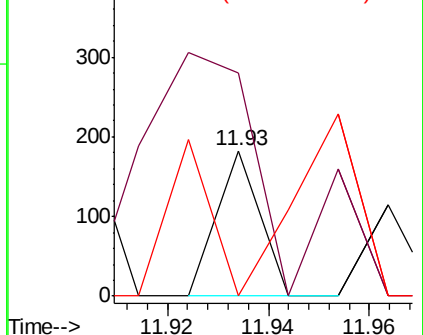
89 108.3 0.0 0.0#

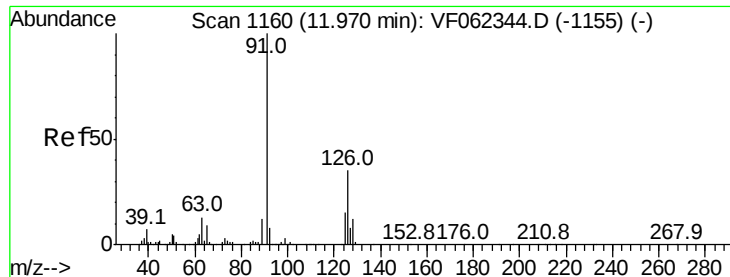


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0





#82

4-Chlorotoluene

Concen: 32.736 ug/l

RT: 11.97 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

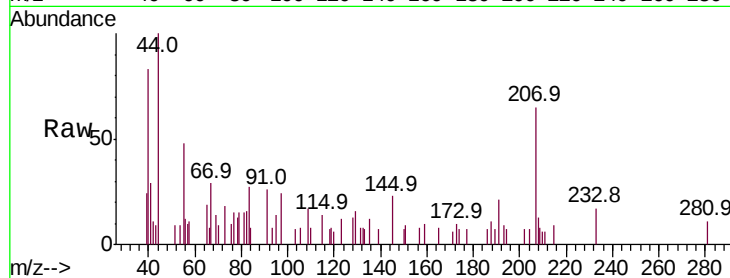
PL-02-050719-ARE

Tot Ion: 91 Resp: 519

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

11.97

400

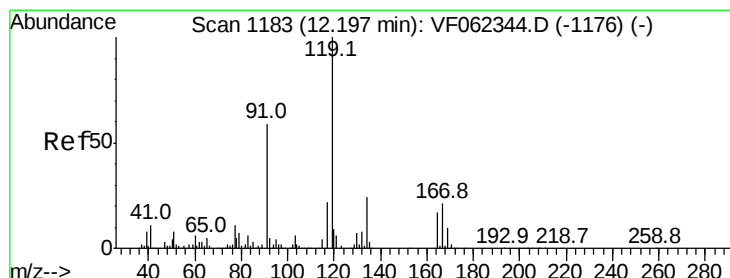
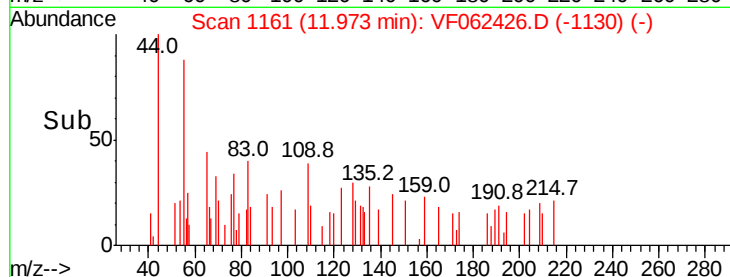
300

200

100

0

Time-->



#83

tert-Butylbenzene

Concen: 30.132 ug/l

RT: 12.21 min Scan# 1185

Delta R.T. 0.01 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

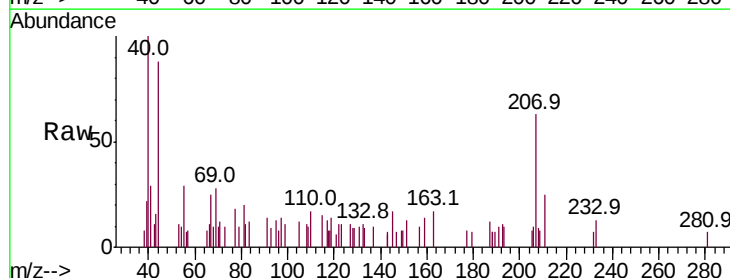
Tgt Ion: 119 Resp: 673

Ion Ratio Lower Upper

119 100

91 0.0 30.4 91.3#

134 12.2 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

500

400

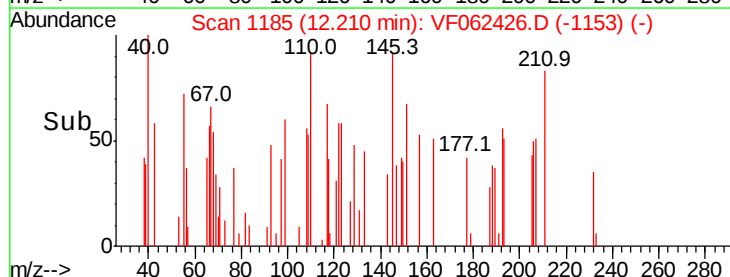
300

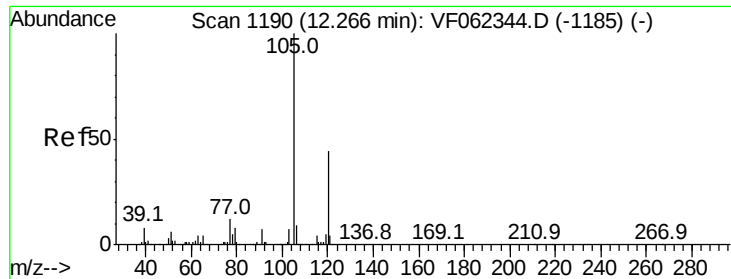
200

100

0

Time-->

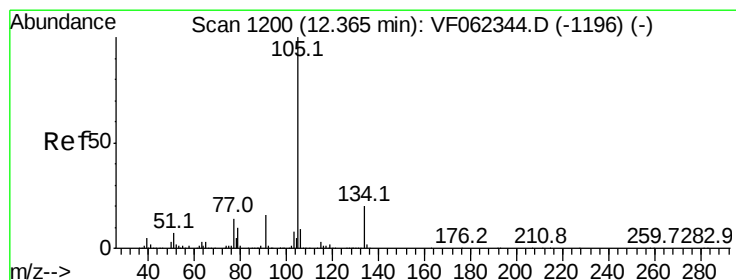
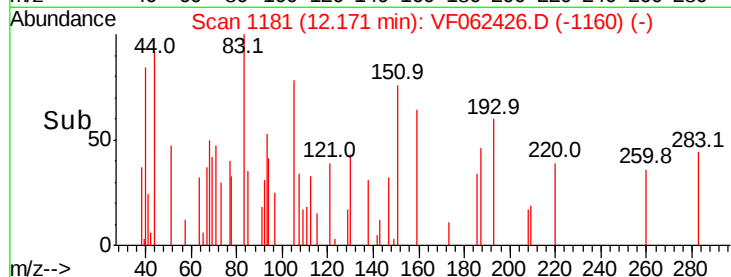
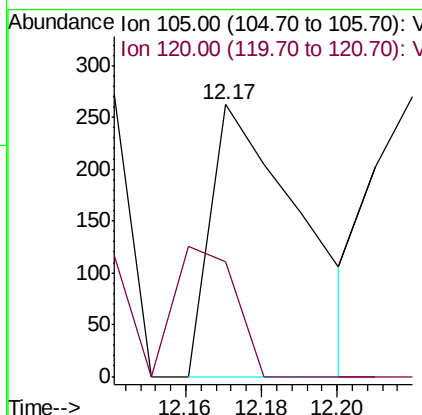
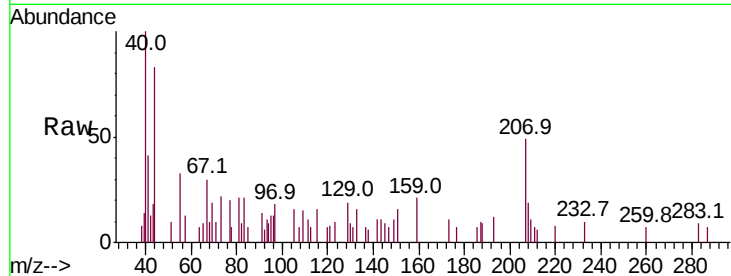




#84
 1,2,4-Trimethylbenzene
 Concen: 20.771 ug/l
 RT: 12.17 min Scan# 1181
 Delta R.T. -0.10 min
 Lab File: VF062426.D
 Acq: 10 May 2019 16:31

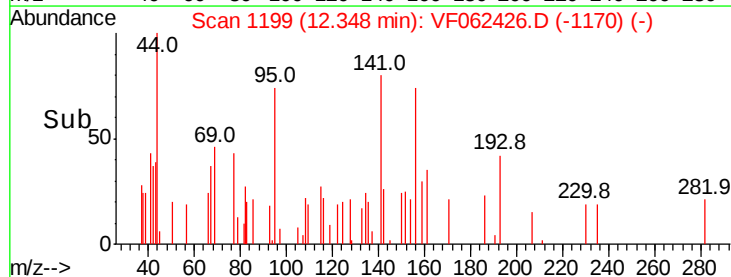
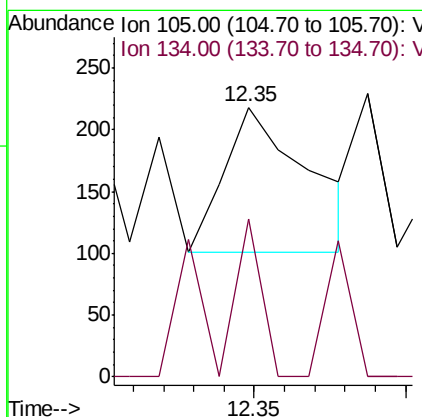
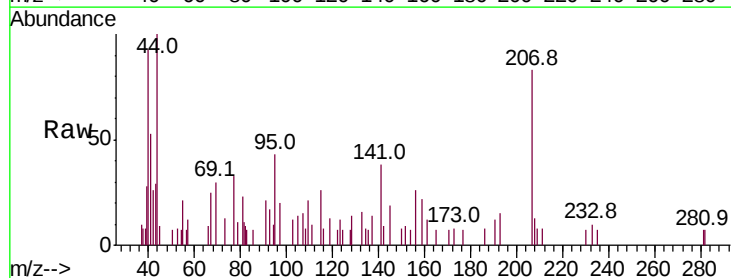
Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-050719-ARE

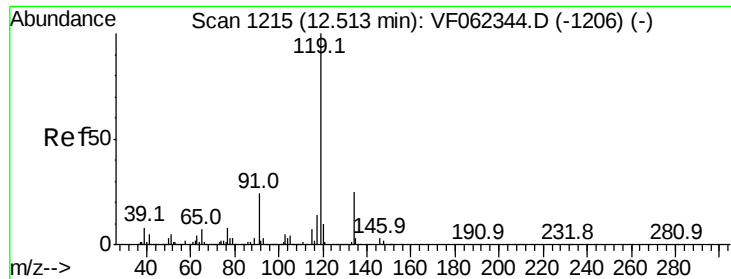
Tot Ion:105 Resp: 432
 Ion Ratio Lower Upper
 105 100
 120 48.4 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 8.240 ug/l
 RT: 12.35 min Scan# 1199
 Delta R.T. -0.02 min
 Lab File: VF062426.D
 Acq: 10 May 2019 16:31

Tgt Ion:105 Resp: 224
 Ion Ratio Lower Upper
 105 100
 134 29.5 9.8 29.5

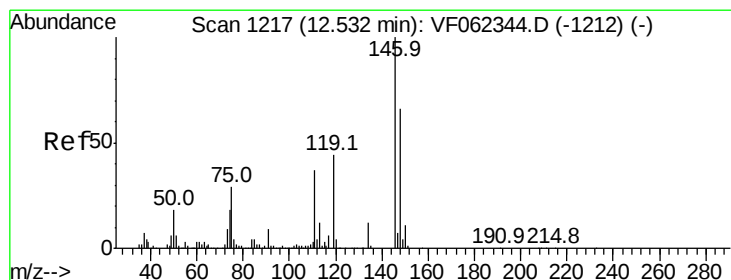
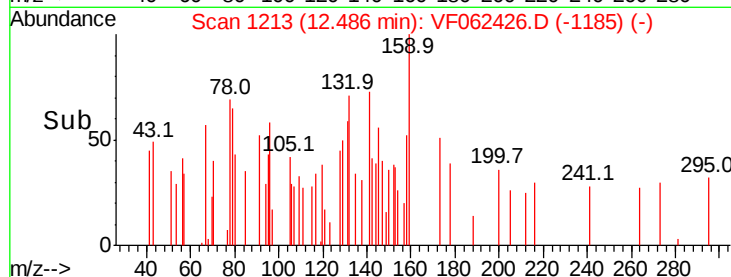
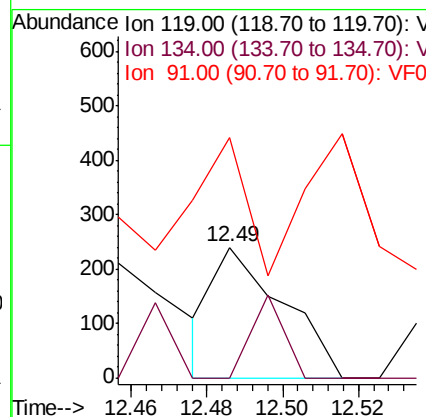
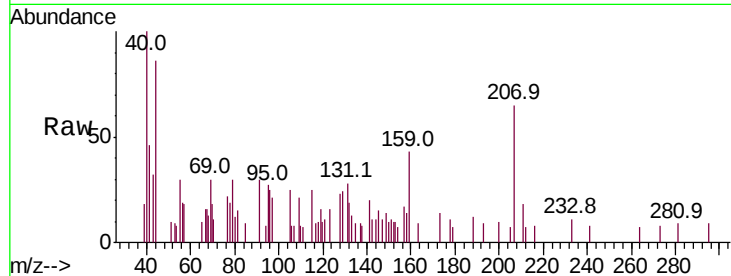




#86
 p-Isopropyltoluene
 Concen: 11.877 ug/l
 RT: 12.49 min Scan# 1213
 Delta R.T. -0.03 min
 Lab File: VF062426.D
 Acq: 10 May 2019 16:31

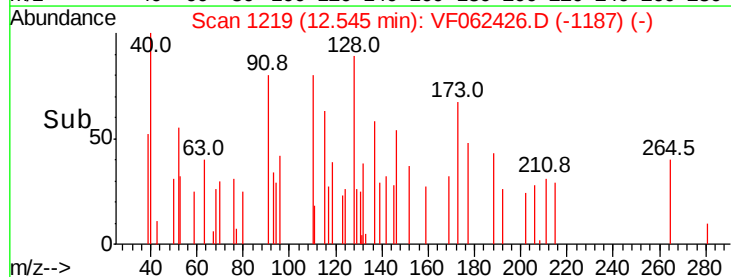
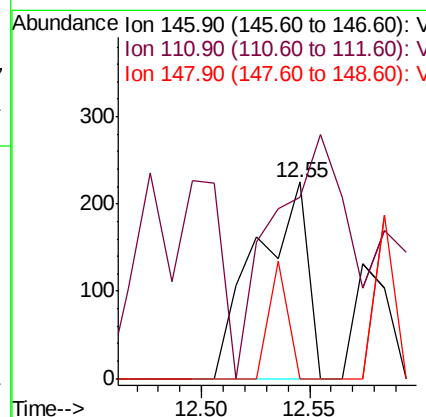
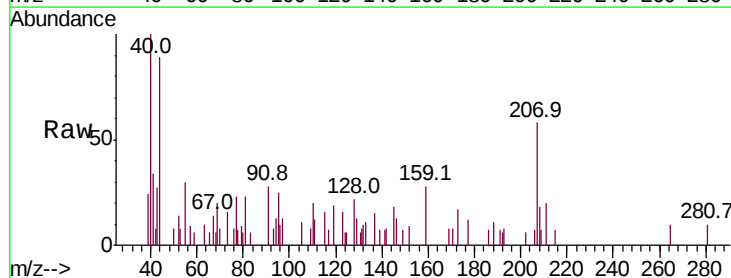
Instrument :
 MSVOA_F
 ClientSampleId :
 PL-02-050719-ARE

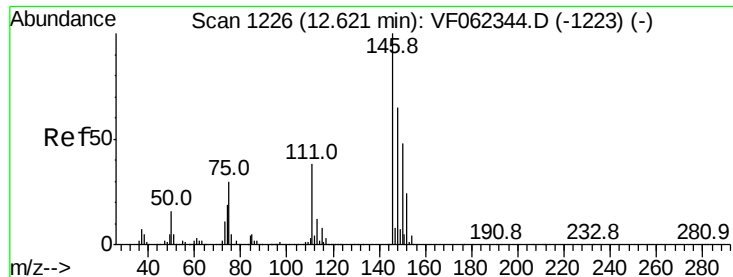
Tot Ion:119 Resp: 300
 Ion Ratio Lower Upper
 119 100
 134 30.0 12.9 38.7
 91 77.0 12.3 36.8#



#87
 1,3-Dichlorobenzene
 Concen: 32.094 ug/l
 RT: 12.55 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: VF062426.D
 Acq: 10 May 2019 16:31

Tgt Ion:146 Resp: 373
 Ion Ratio Lower Upper
 146 100
 111 182.0 18.3 54.8#
 148 21.4 32.3 96.9#





#88

1,4-Dichlorobenzene

Concen: 46.179 ug/l

RT: 12.60 min Scan# 1225

Delta R.T. -0.02 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

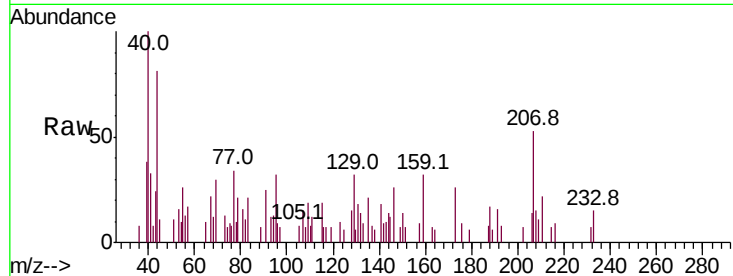
Tot Ion:146 Resp: 518

Ion Ratio Lower Upper

146 100

111 0.0 18.8 56.3#

148 21.4 32.2 96.6#



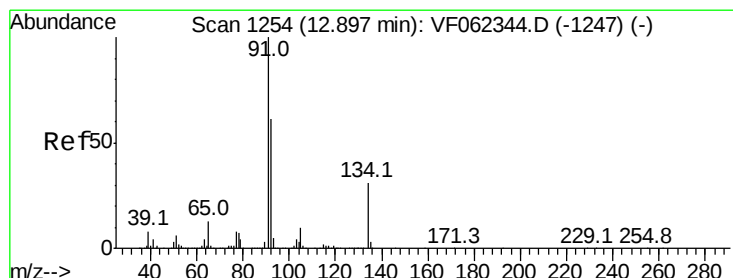
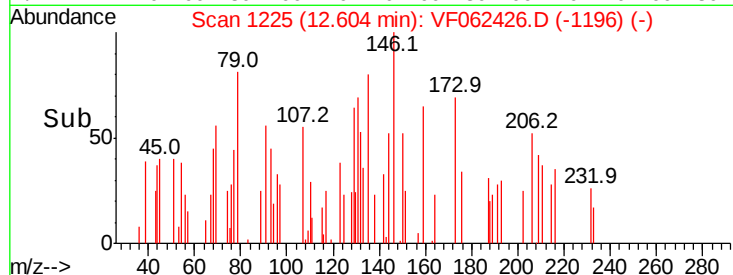
Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.60

Time-->



#89

n-Butylbenzene

Concen: 15.219 ug/l

RT: 12.68 min Scan# 1233

Delta R.T. -0.21 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

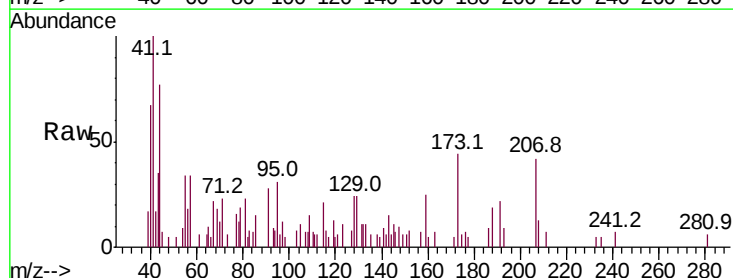
Tgt Ion: 91 Resp: 342

Ion Ratio Lower Upper

91 100

92 30.4 30.0 90.0

134 25.1 14.1 42.4



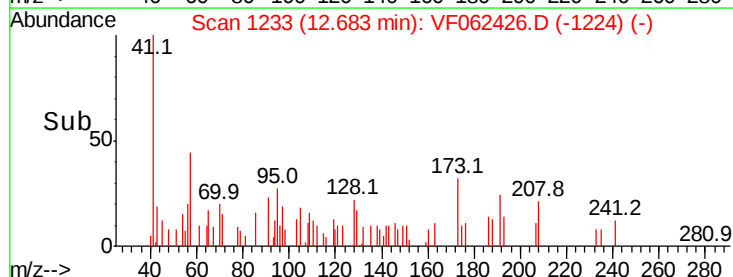
Abundance Ion 91.00 (90.70 to 91.70): VF0

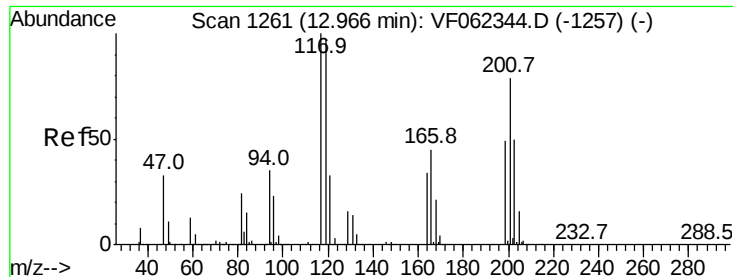
Ion 92.00 (91.70 to 92.70): VF0

Ion 134.00 (133.70 to 134.70): V

12.68

Time-->





#90

Hexachloroethane

Concen: 40.116 ug/l

RT: 13.20 min Scan# 1285

Delta R.T. 0.23 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

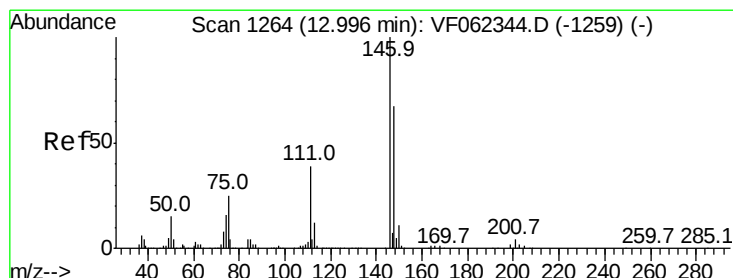
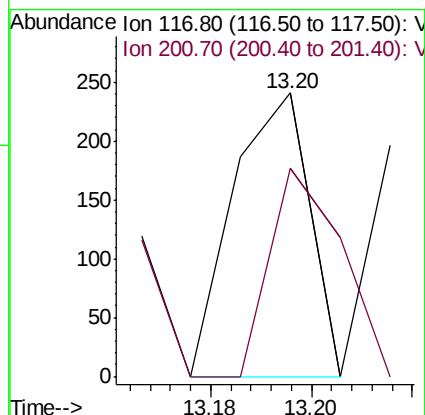
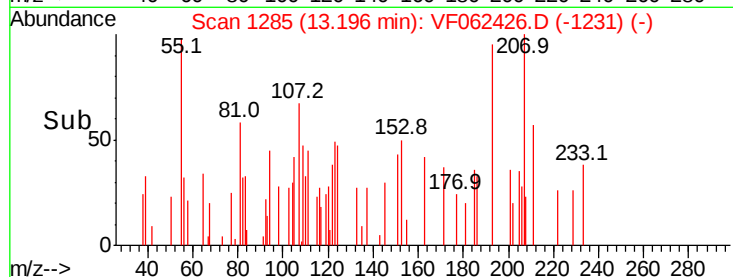
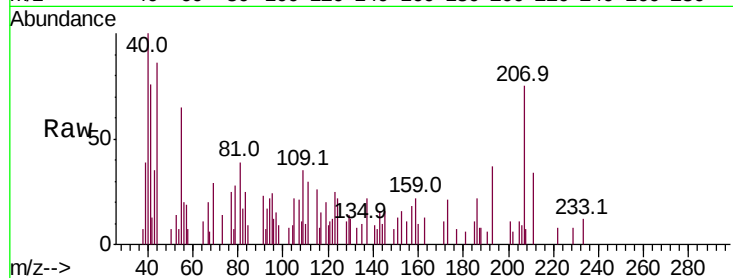
PL-02-050719-ARE

Tot Ion:117 Resp: 253

Ion Ratio Lower Upper

117 100

201 68.8 46.2 138.5



#91

1,2-Dichlorobenzene

Concen: 30.847 ug/l

RT: 13.02 min Scan# 1267

Delta R.T. 0.02 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

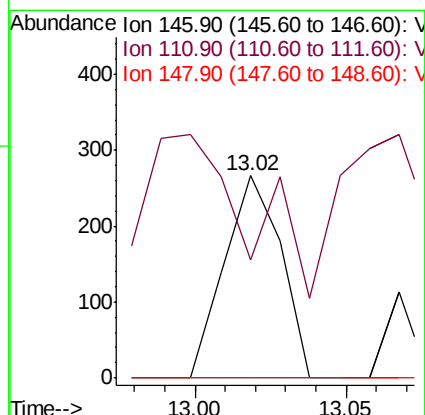
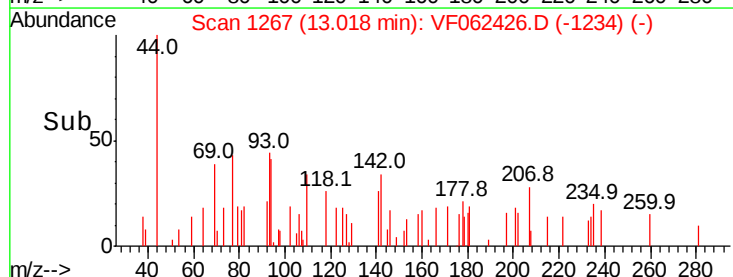
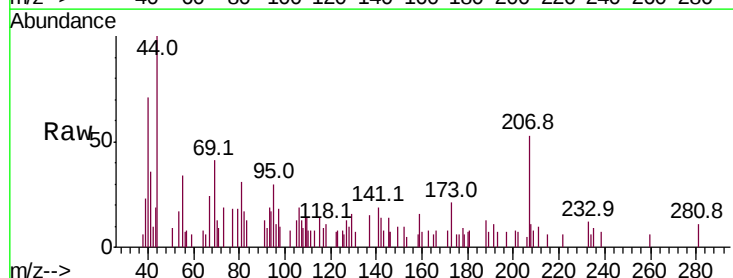
Tgt Ion:146 Resp: 347

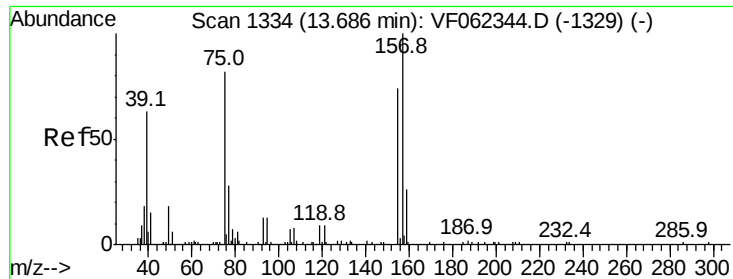
Ion Ratio Lower Upper

146 100

111 249.3 20.0 60.0#

148 0.0 33.1 99.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 88.180 ug/l

RT: 13.67 min Scan# 1333

Delta R.T. -0.02 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

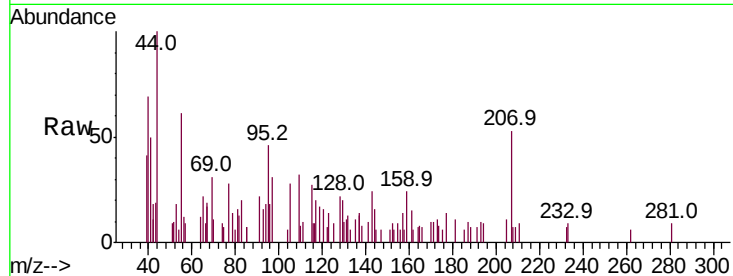
Tot Ion: 75 Resp: 75

Ion Ratio Lower Upper

75 100

155 424.0 51.8 155.4#

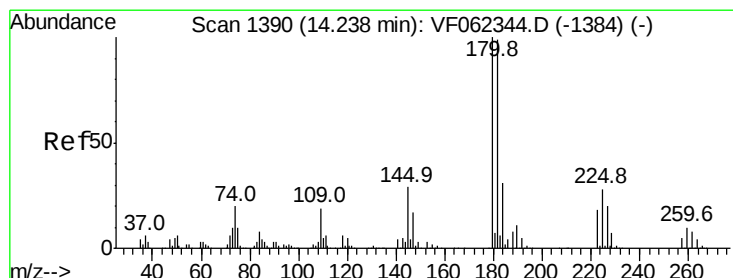
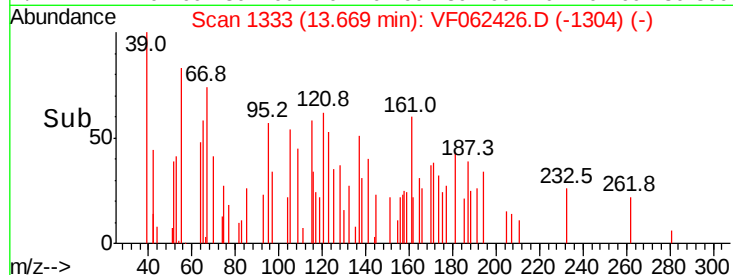
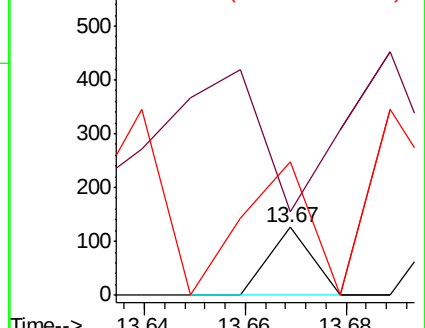
157 194.7 67.3 201.8



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



#93

1,2,4-Trichlorobenzene

Concen: 6.640 ug/l

RT: 14.04 min Scan# 1371

Delta R.T. -0.19 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

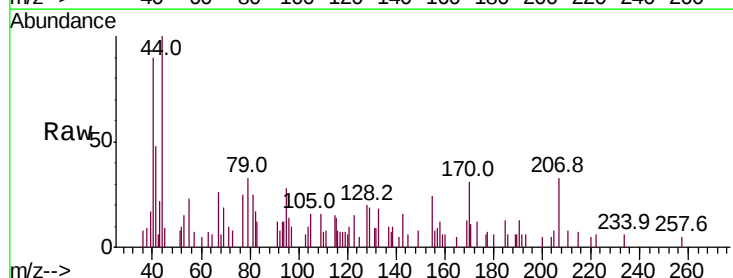
Tgt Ion: 180 Resp: 67

Ion Ratio Lower Upper

180 100

182 0.0 49.0 147.0#

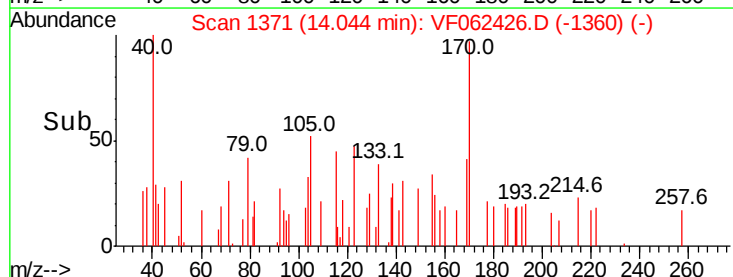
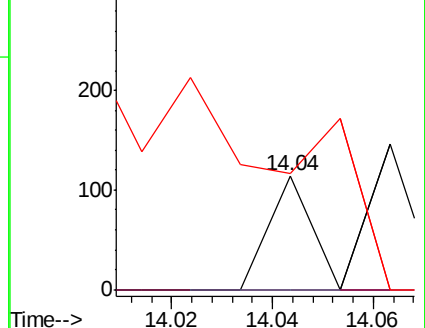
145 0.0 16.7 50.1#

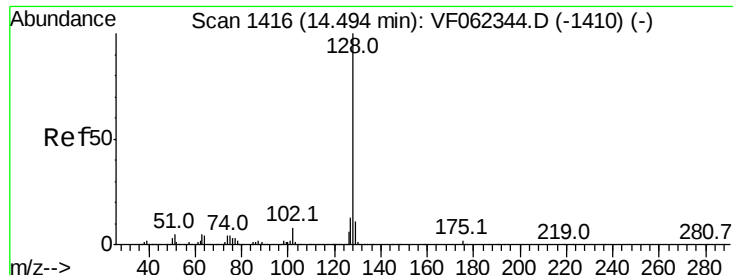


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 13.778 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VF062426.D

Acq: 10 May 2019 16:31

Instrument :

MSVOA_F

ClientSampleId :

PL-02-050719-ARE

Tot Ion:128 Resp: 209

Ion Ratio Lower Upper

128 100

127 47.8 10.5 15.7#

129 0.0 8.6 12.8#

