

Data File : VU035798.D
Acq On : 21 Nov 2019 12:27
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFB03

Quant Time: Nov 22 01:16:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 01:10:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	263174	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292678	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	154351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	165479	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.93	69	138442	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.59	63	302785	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.70	46	393918	49.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.02%
24) Chloroform-d	5.11	84	280334	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.75	65	155600	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.77	84	543458	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.73	67	184083	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.93	98	510742	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	8.21	79	72200	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.68	63	296083	50.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.62%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	148998	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	159434	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	176491	4.949 ug/L	99
3) Chloromethane	1.54	50	211939	4.827 ug/L	97
5) Vinyl chloride	1.62	62	219206	4.988 ug/L	98
6) Bromomethane	1.87	94	110703	4.901 ug/L	98
8) Chloroethane	1.95	64	127066	4.997 ug/L	96
9) Trichlorofluoromethane	2.16	101	256641	5.029 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	143096	4.937 ug/L	99
12) 1,1-Dichloroethene	2.61	96	133538	4.877 ug/L	98
13) Acetone	2.67	43	314448	45.001 ug/L	98
14) Carbon disulfide	2.82	76	446465	4.909 ug/L	100
15) Methyl Acetate	3.00	43	70180	5.010 ug/L	96
16) Methylene chloride	3.08	84	157916	4.773 ug/L	97
17) Methyl tert-butyl Ether	3.42	73	333059	5.027 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	134270	4.980 ug/L	97
19) 1,1-Dichloroethane	3.92	63	299772	4.948 ug/L	98
21) 2-Butanone	4.78	43	443062	50.108 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	151227	5.033 ug/L	94

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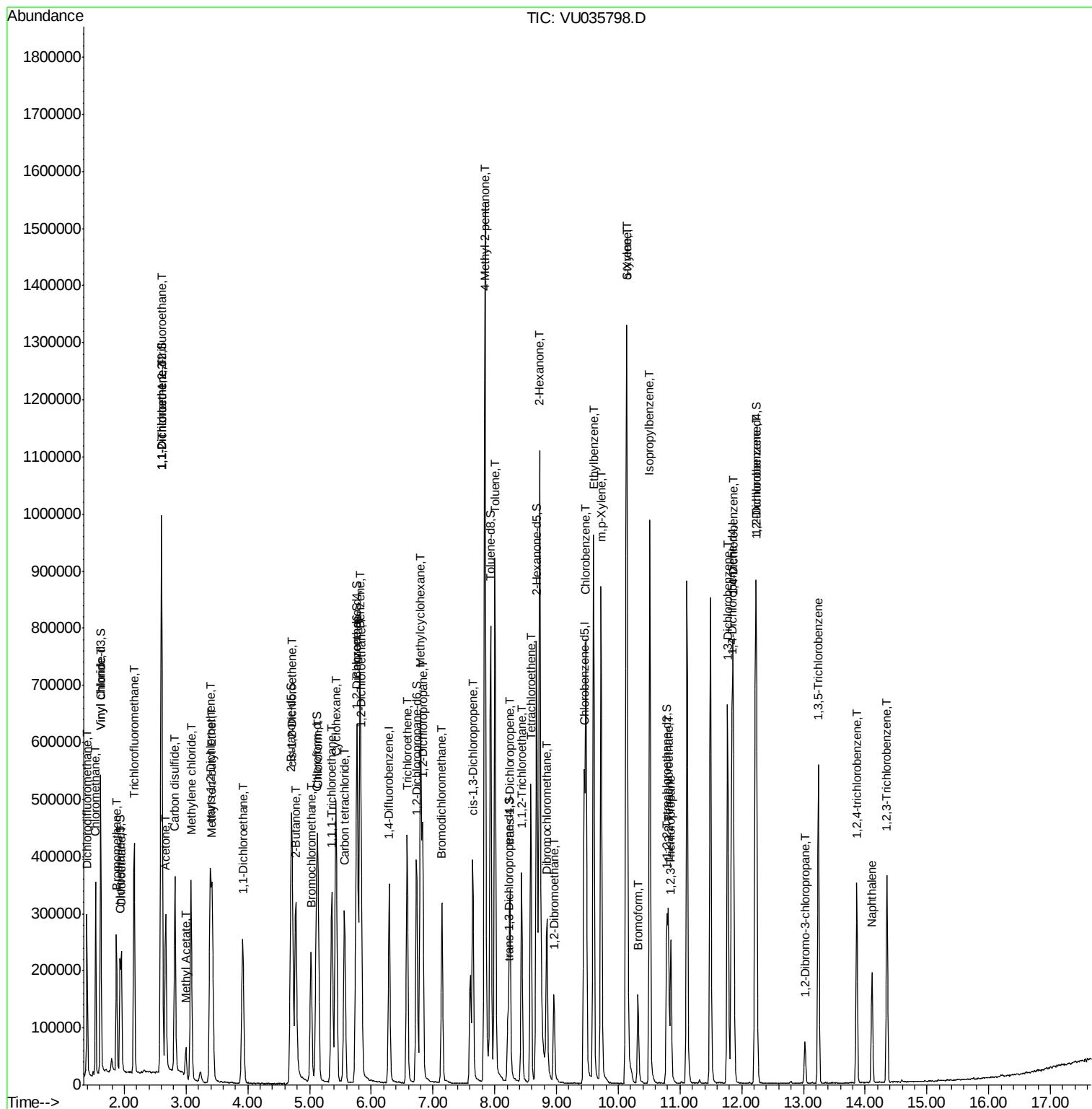
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	67106	5.126	ug/L	94
25) Chloroform	5.14	83	288594	4.895	ug/L	99
27) 1,2-Dichloroethane	5.84	62	189624	4.891	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	232609	4.922	ug/L	99
30) Cyclohexane	5.43	56	240098	5.198	ug/L	97
31) Carbon tetrachloride	5.56	117	199653	4.878	ug/L	98
33) Benzene	5.82	78	621236	5.085	ug/L	100
34) Trichloroethene	6.58	95	149519	4.992	ug/L	97
35) Methylcyclohexane	6.80	83	223750	5.090	ug/L	99
37) 1,2-Dichloropropane	6.83	63	171267	4.943	ug/L	99
38) Bromodichloromethane	7.15	83	205717	4.953	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	227611	5.074	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	1080585	50.797	ug/L	99
42) Toluene	8.00	91	657927	5.177	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	199120	5.354	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	112647	4.989	ug/L	98
47) Tetrachloroethene	8.58	164	114526	5.025	ug/L	97
48) 2-Hexanone	8.73	43	775868	49.540	ug/L	97
49) Dibromochloromethane	8.84	129	131472	4.936	ug/L	100
50) 1,2-Dibromoethane	8.96	107	102240	4.949	ug/L	98
51) Chlorobenzene	9.48	112	392316	4.984	ug/L	98
52) Ethylbenzene	9.60	91	663146	5.046	ug/L	98
53) m,p-Xylene	9.72	106	250550	5.408	ug/L	98
54) o-Xylene	10.13	106	237006	5.267	ug/L	96
55) Styrene	10.14	104	401392	5.378	ug/L	99
56) Isopropylbenzene	10.51	105	623383	5.244	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	148282	4.746	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	109257	4.850	ug/L	97
61) Bromoform	10.32	173	72372	4.667	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	281887	5.088	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	279168	5.118	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	261922	4.956	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	20318	4.646	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	168846	5.072	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	104309	5.452	ug/L	99
69) Naphthalene	14.11	128	145749	5.410	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	104998	5.643	ug/L	99

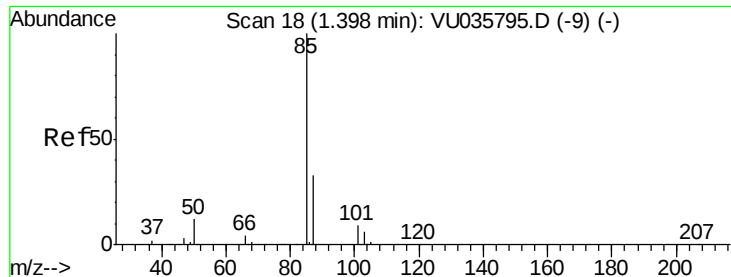
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.949 ug/L

RT: 1.40 min Scan# 18

Delta R.T. 0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

Instrument :

MSVOA_U

ClientSampleId :

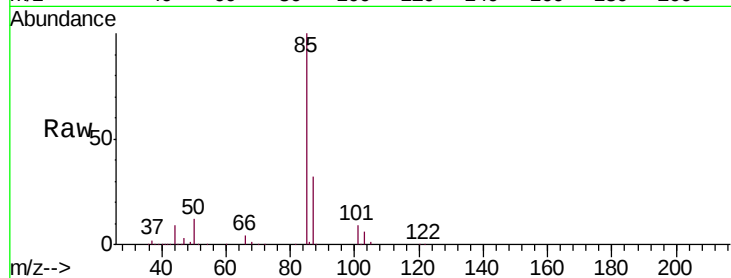
BFB03

Tgt Ion: 85 Resp: 176491

Ion Ratio Lower Upper

85 100

87 32.3 26.2 39.2



Abundance Ion 85.00 (84.70 to 85.70): VU035795.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU035795.D (-9) (-)

1.40

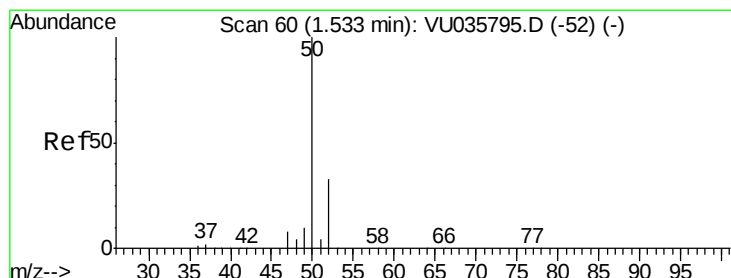
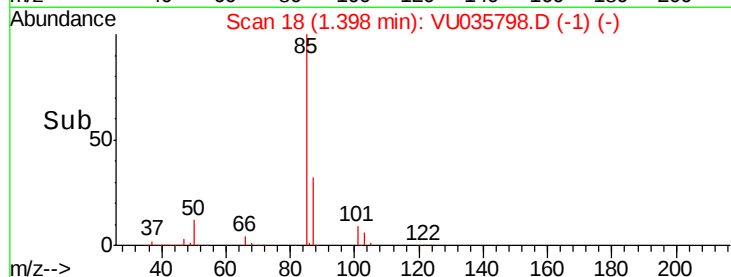
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 4.827 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU035798.D

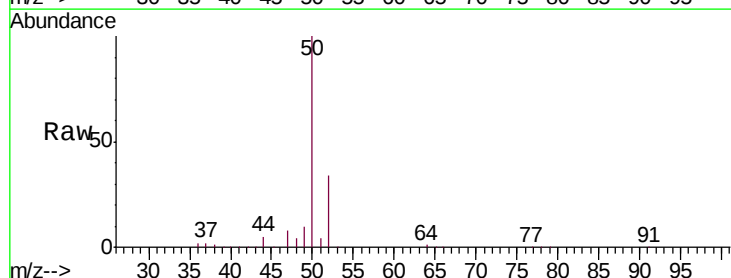
Acq: 21 Nov 2019 12:27

Tgt Ion: 50 Resp: 211939

Ion Ratio Lower Upper

50 100

52 34.0 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VU035795.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU035795.D (-52) (-)

1.54

200000

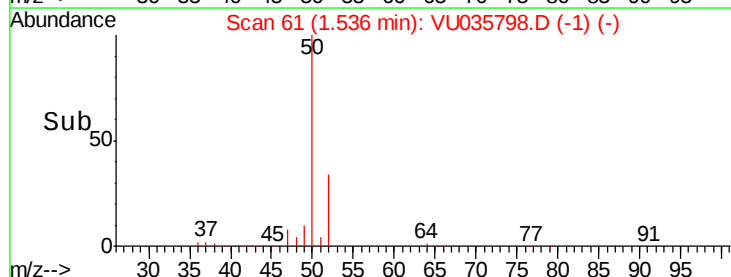
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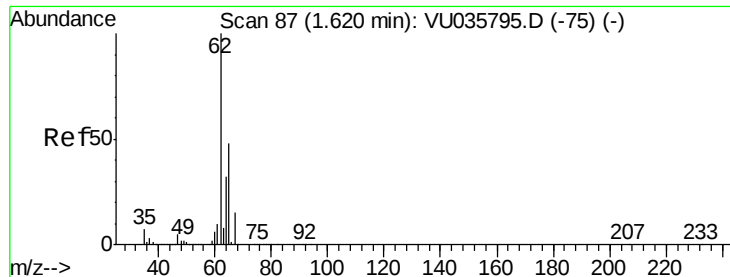
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 4.988 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

Instrument :

MSVOA_U

ClientSampleId :

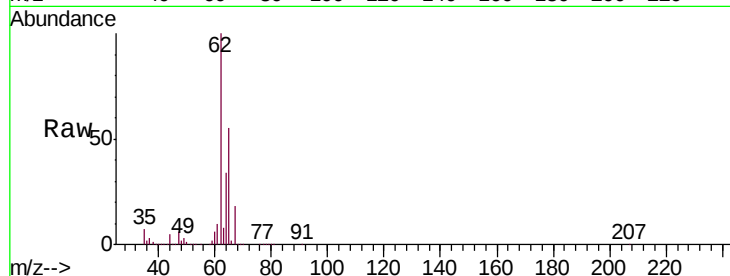
BFB03

Tgt Ion: 62 Resp: 219206

Ion Ratio Lower Upper

62 100

64 33.5 22.5 41.9



Abundance Ion 62.00 (61.70 to 62.70): VU035795.D (-75) (-)

Ion 64.10 (63.80 to 64.80): VU035795.D (-75) (-)

1.62

200000

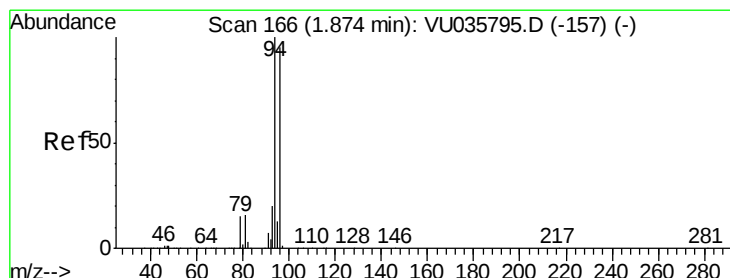
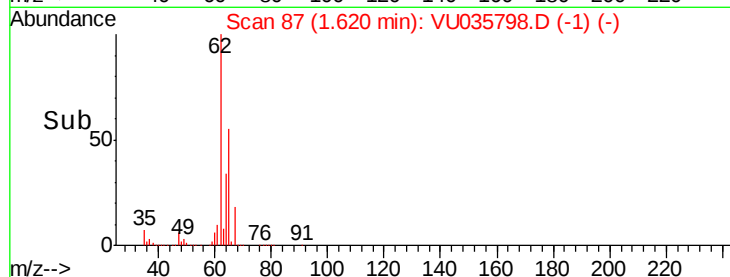
150000

100000

50000

0

Time--> 1.55 1.60 1.65 1.70



#6

Bromomethane

Concen: 4.901 ug/L

RT: 1.87 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU035798.D

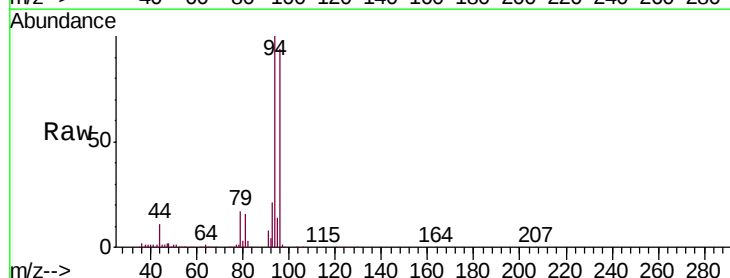
Acq: 21 Nov 2019 12:27

Tgt Ion: 94 Resp: 110703

Ion Ratio Lower Upper

94 100

96 93.5 66.5 123.5



Abundance Ion 94.00 (93.70 to 94.70): VU035795.D (-157) (-)

Ion 96.00 (95.70 to 96.70): VU035795.D (-157) (-)

1.87

100000

80000

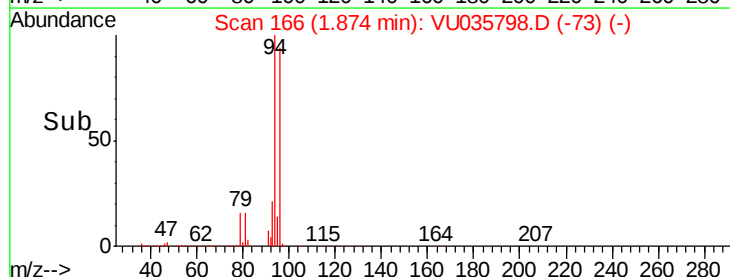
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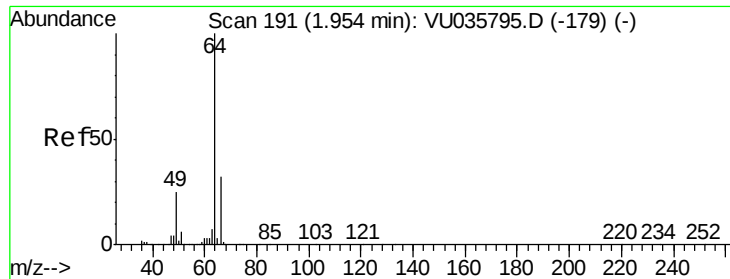
40000

20000

0

Time--> 1.80 1.85 1.90 1.95





#8

Chloroethane

Concen: 4.997 ug/L

RT: 1.95 min Scan# 191

Delta R.T. 0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

Instrument :

MSVOA_U

ClientSampleId :

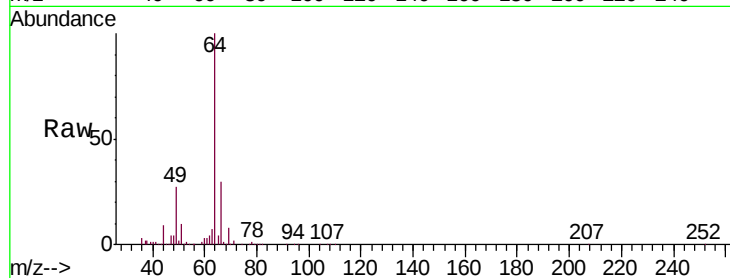
BFB03

Tgt Ion: 64 Resp: 127066

Ion Ratio Lower Upper

64 100

66 29.9 22.3 41.5



Abundance Ion 64.10 (63.80 to 64.80): VU035795.D (-179) (-)

Ion 66.05 (65.75 to 66.75): VU035795.D (-179) (-)

1.95

100000

80000

60000

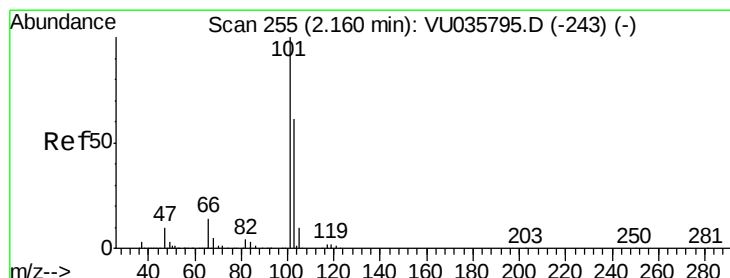
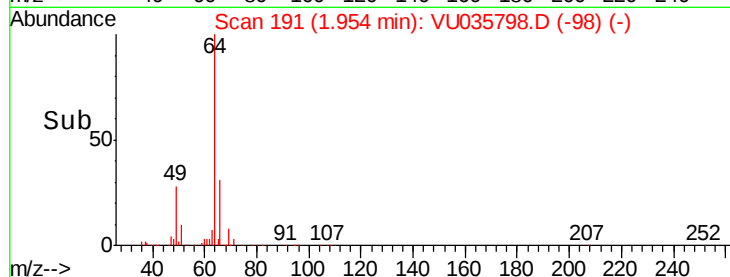
40000

20000

0

1.90 1.95 2.00

Time-->



#9

Trichlorofluoromethane

Concen: 5.029 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

Lab File: VU035798.D

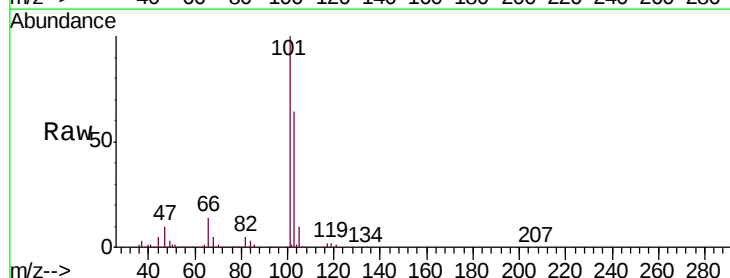
Acq: 21 Nov 2019 12:27

Tgt Ion: 101 Resp: 256641

Ion Ratio Lower Upper

101 100

103 64.0 49.8 74.6



Abundance Ion 101.00 (100.70 to 101.70): VU035795.D (-243) (-)

Ion 103.00 (102.70 to 103.70): VU035795.D (-243) (-)

2.16

200000

150000

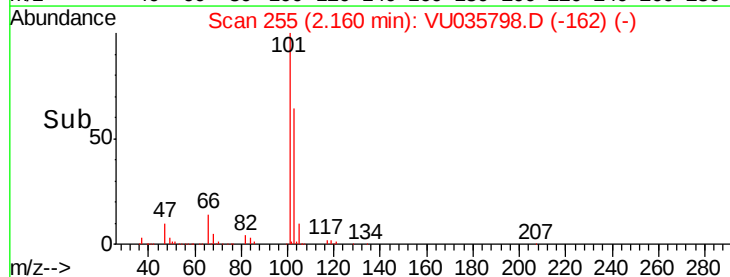
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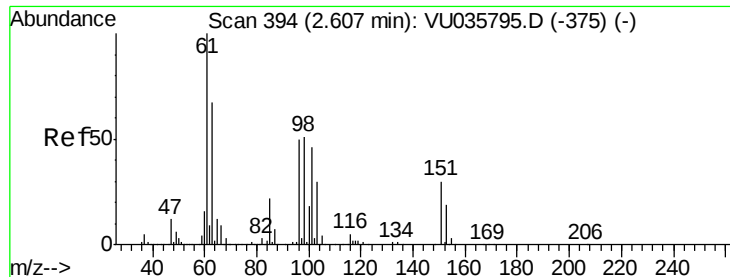
50000

0

2.10 2.15 2.20 2.25

Time-->





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.937 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

Instrument :

MSVOA_U

ClientSampled :

BFB03

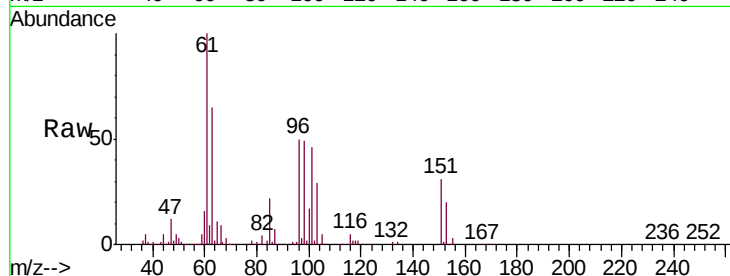
Tgt Ion: 101 Resp: 143096

Ion Ratio Lower Upper

101 100

85 46.9 38.1 57.1

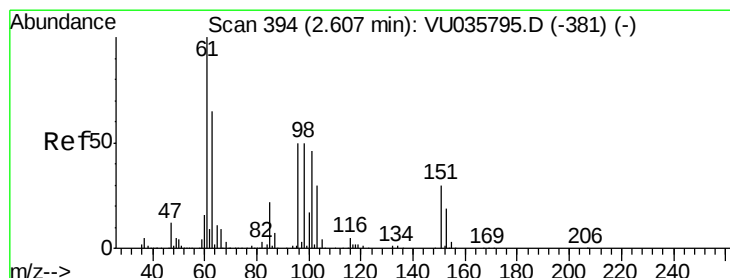
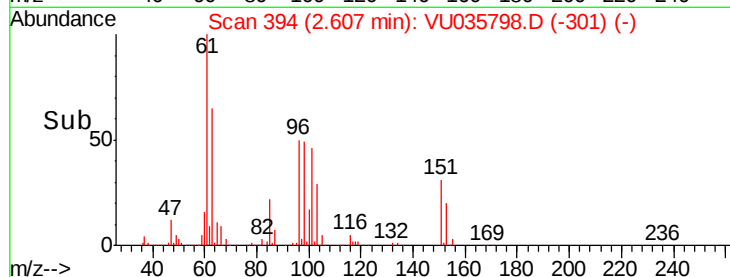
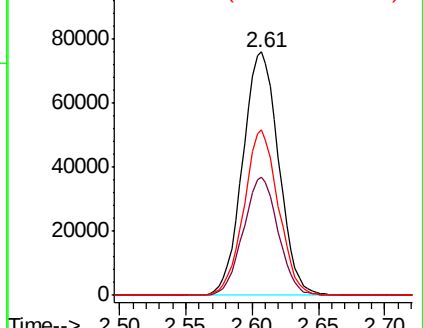
151 65.1 52.0 78.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.877 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

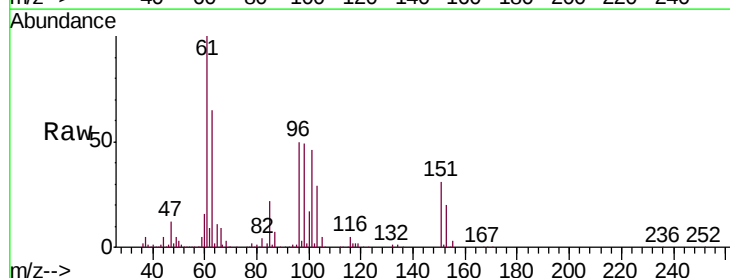
Tgt Ion: 96 Resp: 133538

Ion Ratio Lower Upper

96 100

61 200.2 139.3 258.7

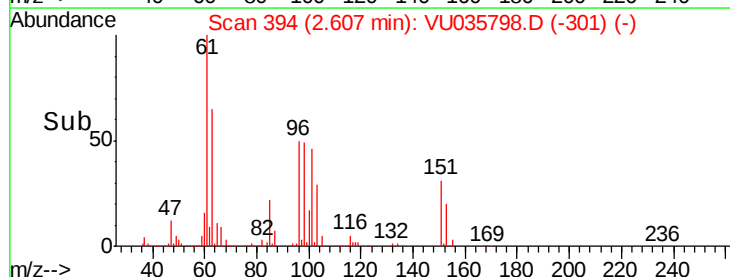
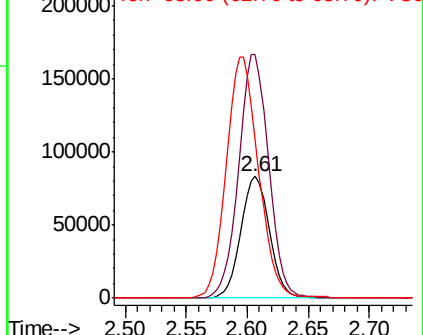
63 130.4 93.7 174.1

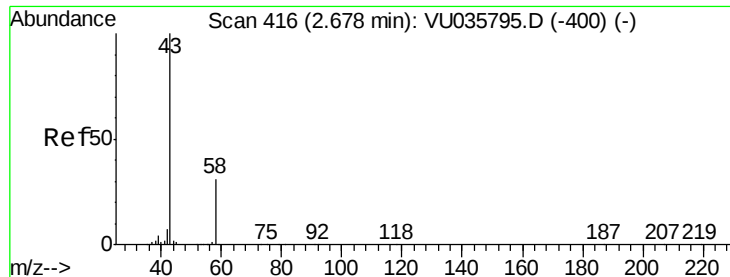


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 45.001 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

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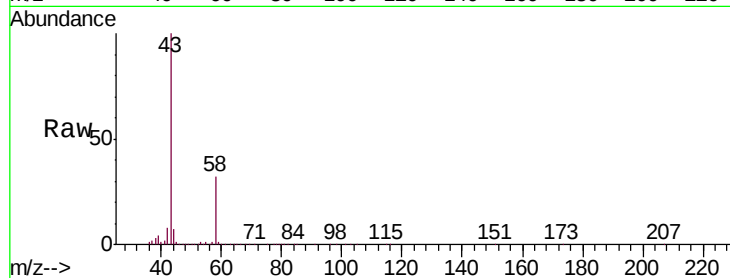
BFB03

Tgt Ion: 43 Resp: 314448

Ion Ratio Lower Upper

43 100

58 31.7 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035795.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035795.D (-400) (-)

2.67

200000

150000

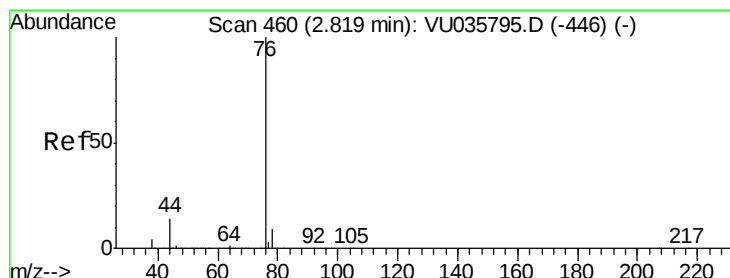
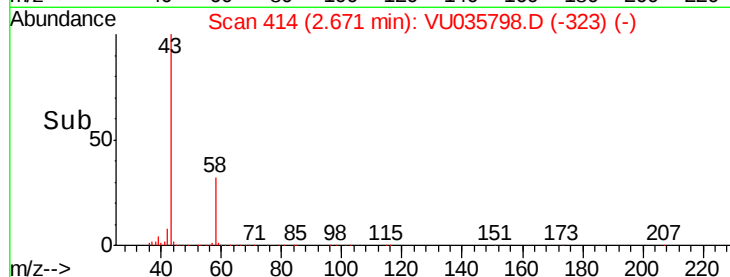
100000

50000

0

2.60 2.65 2.70 2.80

Time-->



#14

Carbon disulfide

Concen: 4.909 ug/L

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU035798.D

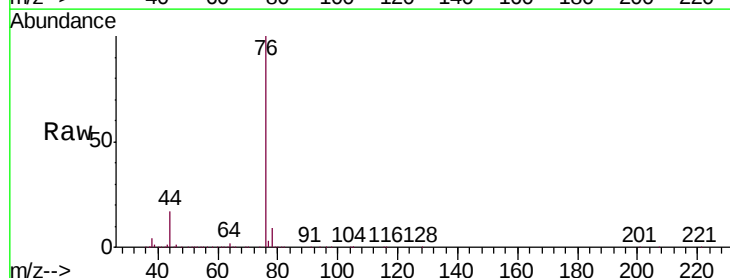
Acq: 21 Nov 2019 12:27

Tgt Ion: 76 Resp: 446465

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035795.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU035795.D (-446) (-)

2.82

300000

250000

200000

150000

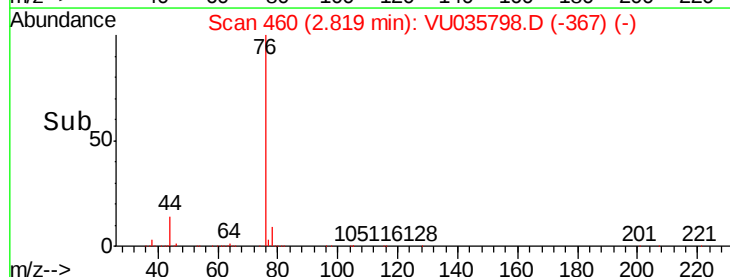
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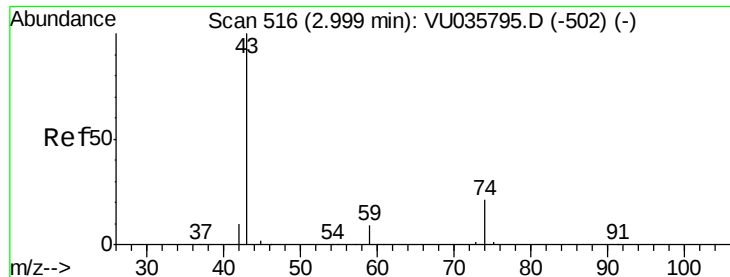
50000

0

2.75 2.80 2.85 2.90

Time-->

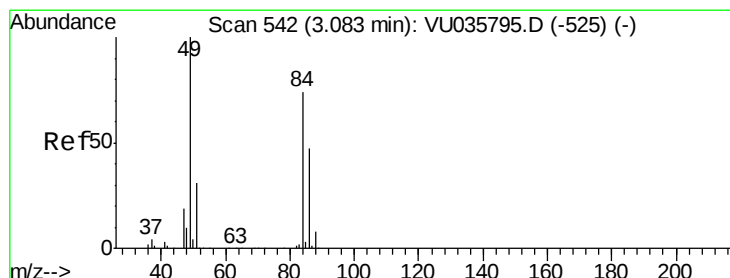
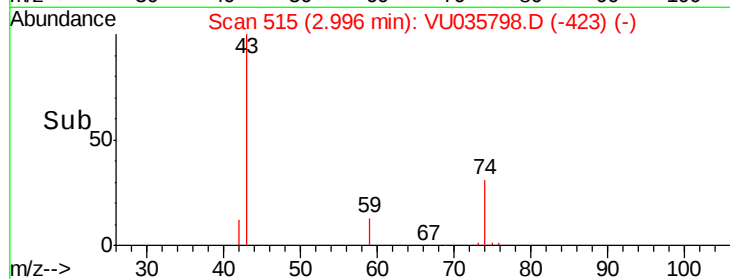
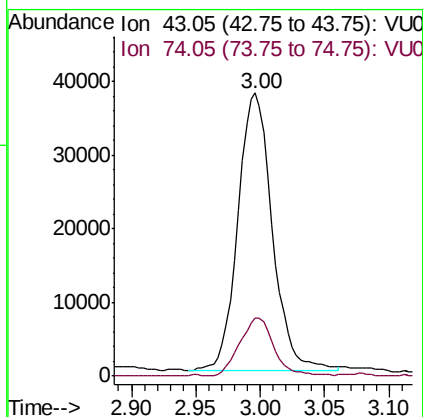
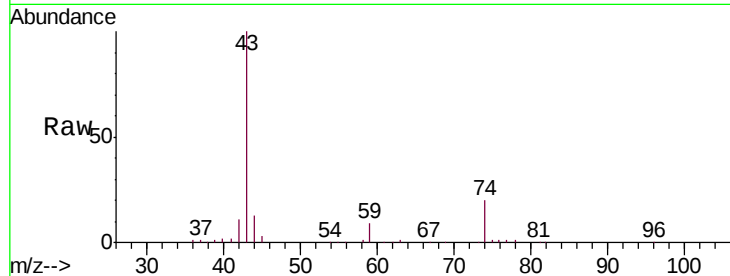




#15
Methyl Acetate
Concen: 5.010 ug/L
RT: 3.00 min Scan# 515
Delta R.T. -0.00 min
Lab File: VU035798.D
Acq: 21 Nov 2019 12:27

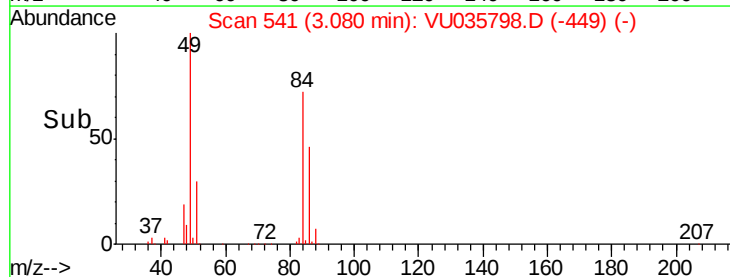
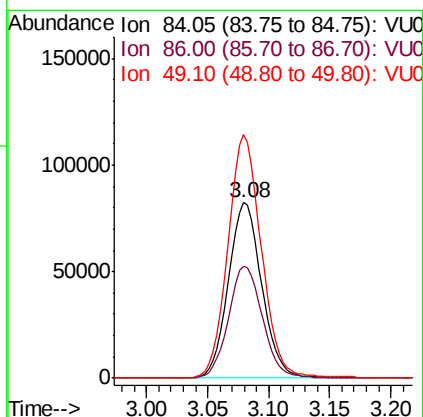
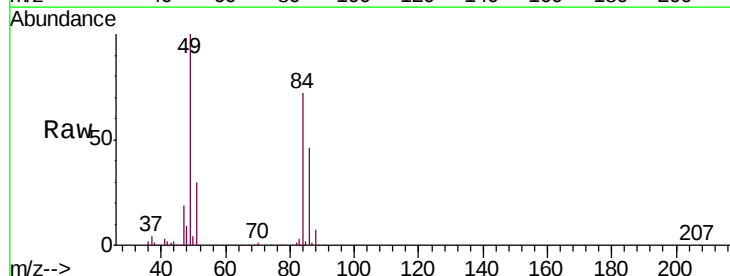
Instrument :
MSVOA_U
ClientSampleId :
BFB03

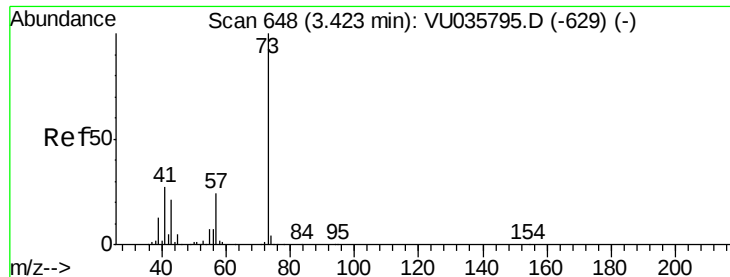
Tgt Ion: 43 Resp: 70180
Ion Ratio Lower Upper
43 100
74 20.8 18.2 27.4



#16
Methylene chloride
Concen: 4.773 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035798.D
Acq: 21 Nov 2019 12:27

Tgt Ion: 84 Resp: 157916
Ion Ratio Lower Upper
84 100
86 64.1 44.4 82.5
49 138.8 94.0 174.6





#17

Methyl tert-butyl Ether

Concen: 5.027 ug/L

RT: 3.42 min Scan# 648

Delta R.T. 0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

Instrument :

MSVOA_U

ClientSampleId :

BFB03

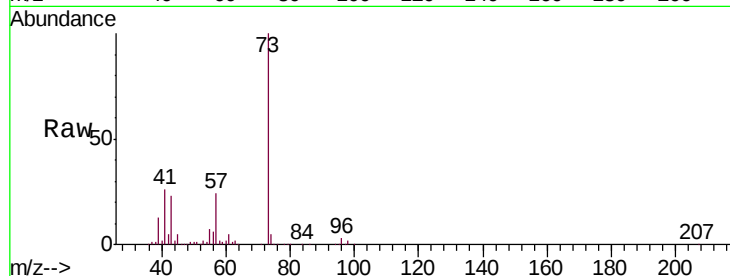
Tgt Ion: 73 Resp: 333059

Ion Ratio Lower Upper

73 100

43 21.6 17.4 26.2

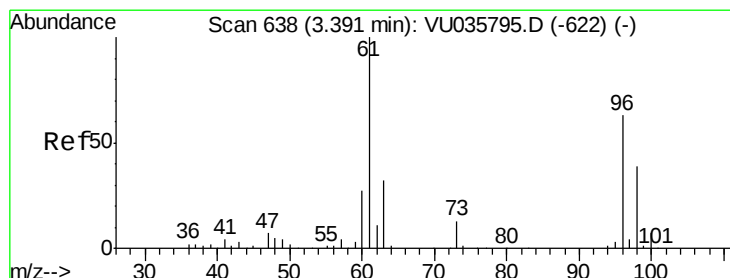
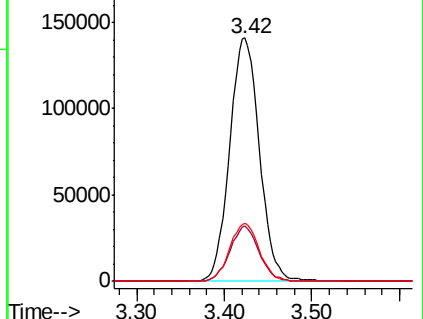
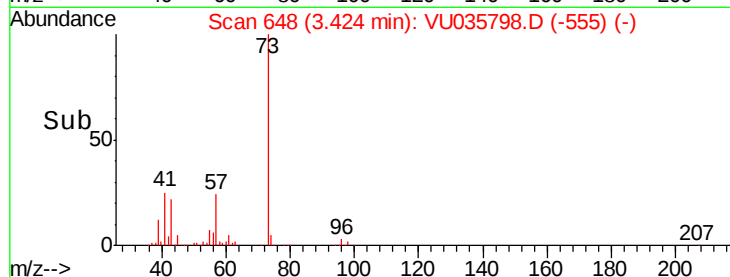
57 23.9 19.4 29.0



Abundance Ion 73.10 (72.80 to 73.80): VU035798.D (-555) (-)

Ion 43.05 (42.75 to 43.75): VU035798.D (-555) (-)

Ion 57.10 (56.80 to 57.80): VU035798.D (-555) (-)



#18

trans-1,2-Dichloroethene

Concen: 4.980 ug/L

RT: 3.39 min Scan# 638

Delta R.T. 0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

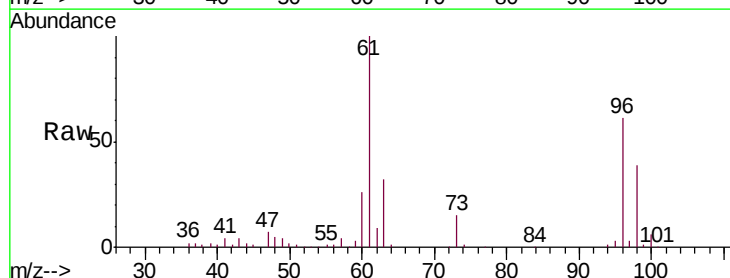
Tgt Ion: 96 Resp: 134270

Ion Ratio Lower Upper

96 100

61 163.5 111.1 206.3

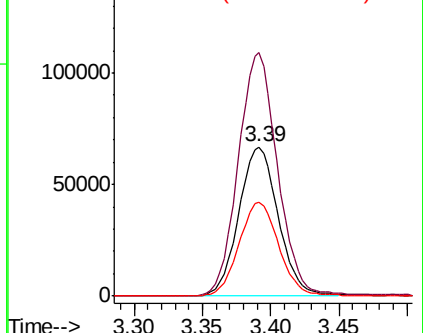
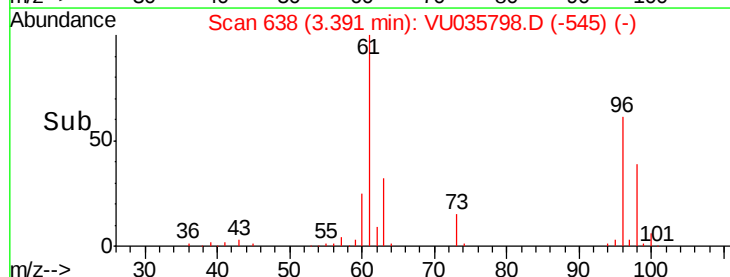
98 63.0 43.1 80.1

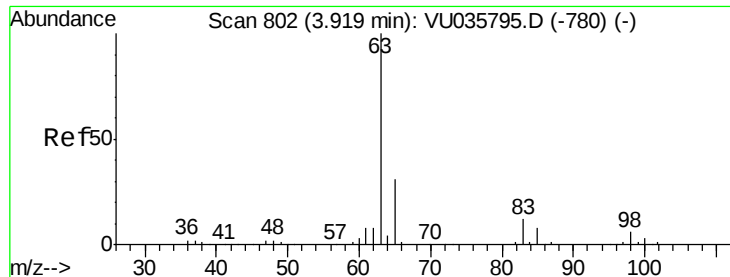


Abundance Ion 96.00 (95.70 to 96.70): VU035798.D (-545) (-)

Ion 61.05 (60.75 to 61.75): VU035798.D (-545) (-)

Ion 97.95 (97.65 to 98.65): VU035798.D (-545) (-)





#19

1,1-Dichloroethane

Concen: 4.948 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

Instrument :

MSVOA_U

ClientSampleId :

BFB03

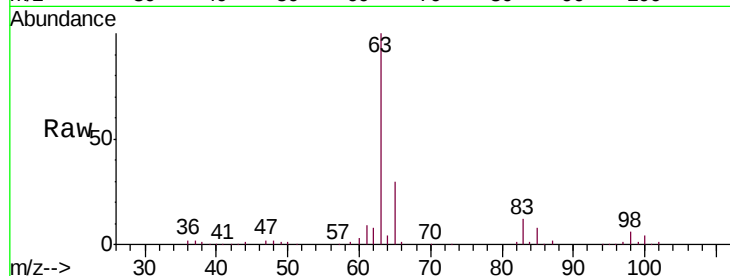
Tgt Ion: 63 Resp: 299772

Ion Ratio Lower Upper

63 100

65 29.6 21.8 40.4

83 12.3 8.6 16.0

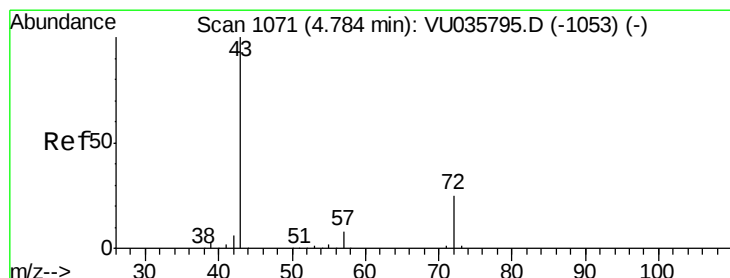
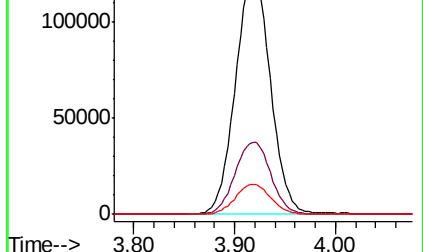
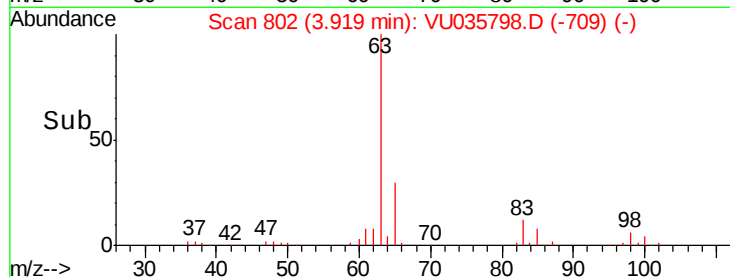


Abundance Ion 63.10 (62.80 to 63.80): VU035798.D (-780) (-)

Ion 65.10 (64.80 to 65.80): VU035798.D (-780) (-)

Ion 83.05 (82.75 to 83.75): VU035798.D (-780) (-)

Time-->



#21

2-Butanone

Concen: 50.108 ug/L

RT: 4.78 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VU035798.D

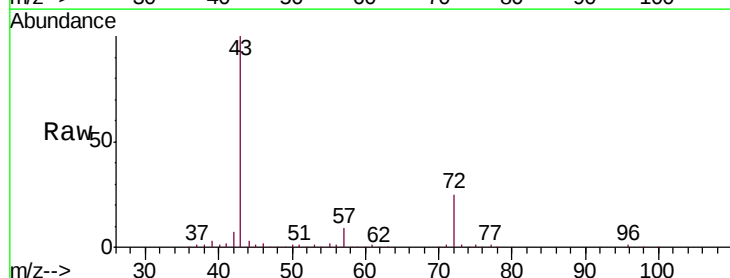
Acq: 21 Nov 2019 12:27

Tgt Ion: 43 Resp: 443062

Ion Ratio Lower Upper

43 100

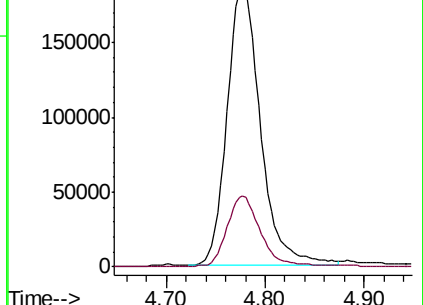
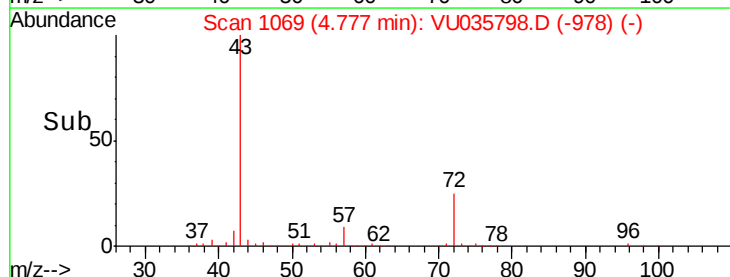
72 24.5 12.4 37.4

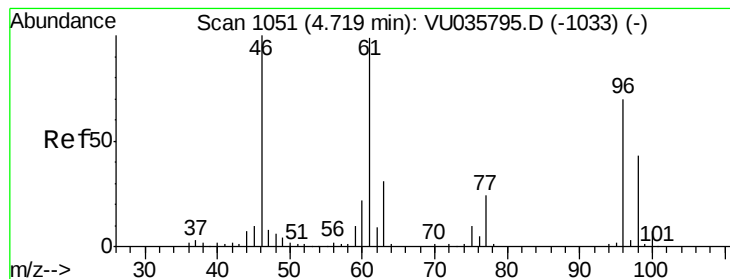


Abundance Ion 43.05 (42.75 to 43.75): VU035798.D (-978) (-)

Ion 72.10 (71.80 to 72.80): VU035798.D (-978) (-)

Time-->





#22

cis-1,2-Dichloroethene

Concen: 5.033 ug/L

RT: 4.72 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

Instrument :
MSVOA_U
ClientSampleId :
BFB03

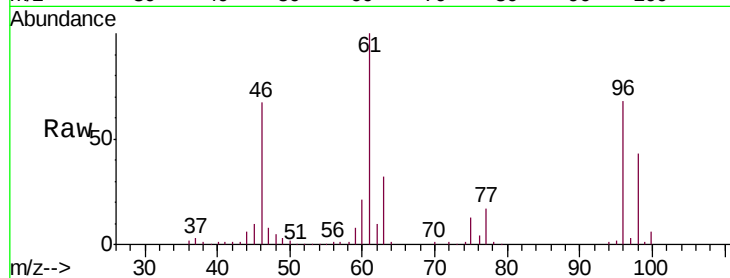
Tgt Ion: 96 Resp: 151227

Ion Ratio Lower Upper

96 100

61 147.8 98.1 182.1

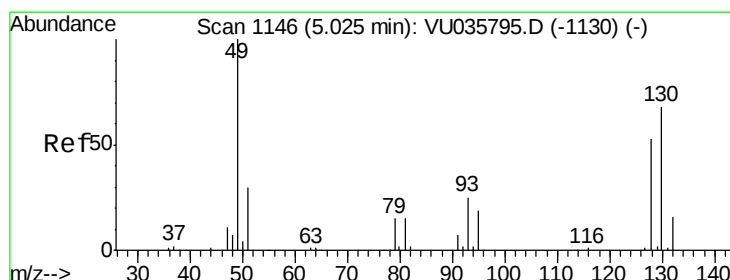
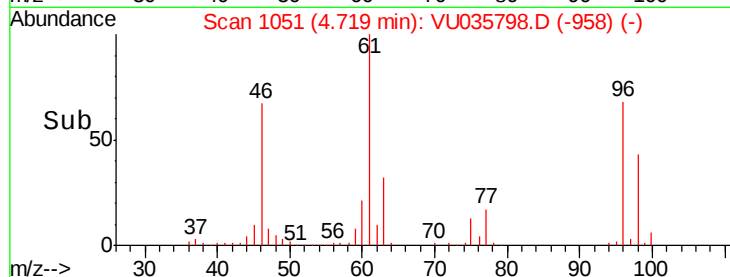
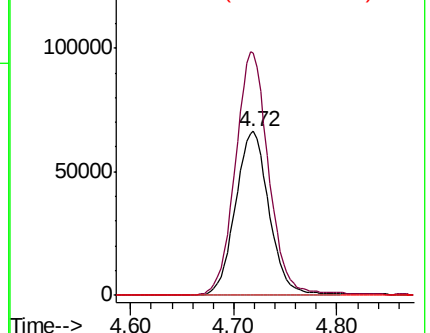
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035798.D (-1053) (-)

Ion 61.05 (60.75 to 61.75): VU035798.D (-1053) (-)

Ion 68.15 (67.85 to 68.85): VU035798.D (-1053) (-)



#23

Bromochloromethane

Concen: 5.126 ug/L

RT: 5.02 min Scan# 1146

Delta R.T. 0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

Tgt Ion: 128 Resp: 67106

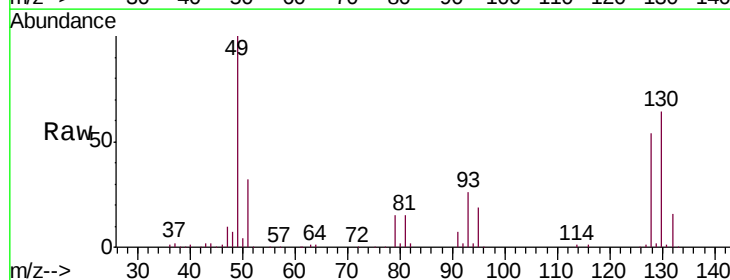
Ion Ratio Lower Upper

128 100

49 184.6 133.8 248.6

130 117.7 91.1 169.1

51 59.1 46.5 69.7

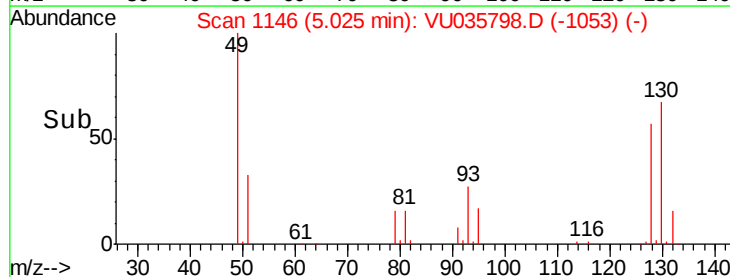
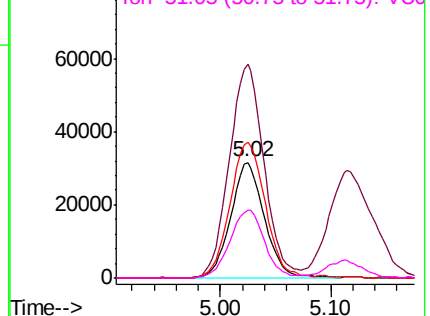


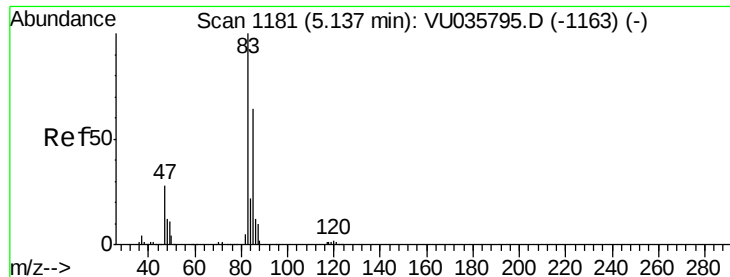
Abundance Ion 127.90 (127.60 to 128.60): VU035798.D (-1053) (-)

Ion 49.10 (48.80 to 49.80): VU035798.D (-1053) (-)

Ion 129.95 (129.65 to 130.65): VU035798.D (-1053) (-)

Ion 51.05 (50.75 to 51.75): VU035798.D (-1053) (-)





#25

Chloroform

Concen: 4.895 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

Instrument :

MSVOA_U

ClientSampleId :

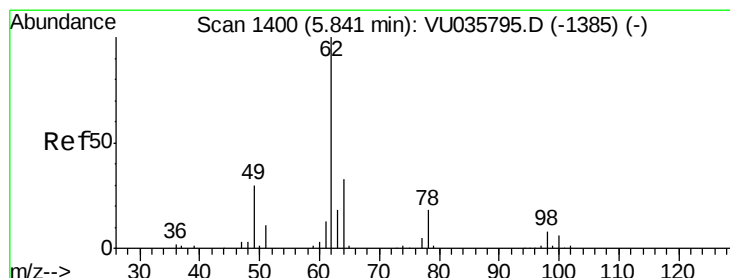
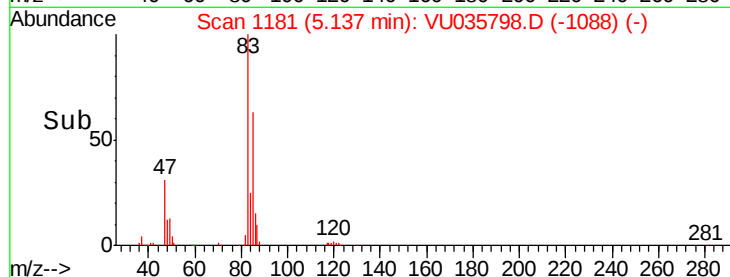
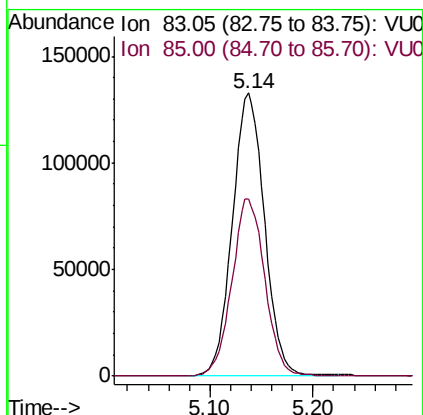
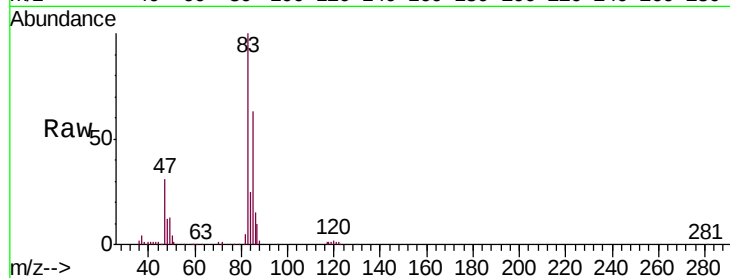
BFB03

Tgt Ion: 83 Resp: 288594

Ion Ratio Lower Upper

83 100

85 62.7 44.6 82.8



#27

1,2-Dichloroethane

Concen: 4.891 ug/L

RT: 5.84 min Scan# 1400

Delta R.T. 0.00 min

Lab File: VU035798.D

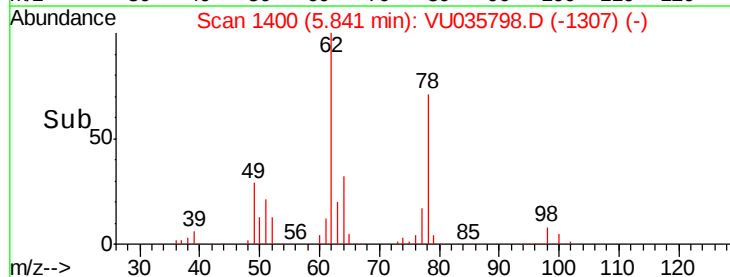
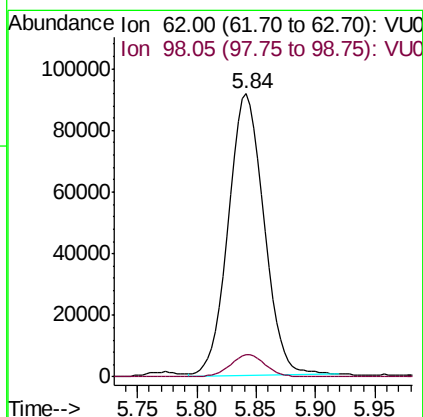
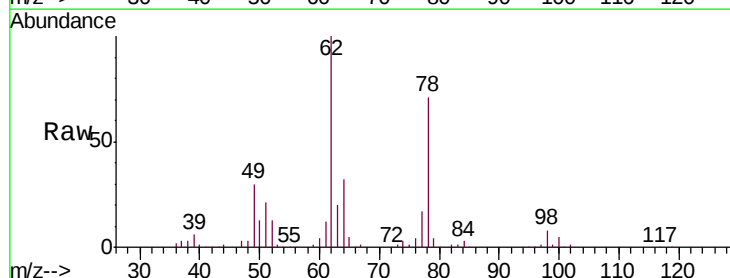
Acq: 21 Nov 2019 12:27

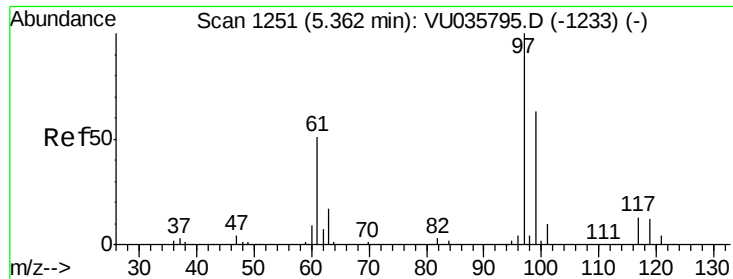
Tgt Ion: 62 Resp: 189624

Ion Ratio Lower Upper

62 100

98 7.8 6.2 9.4

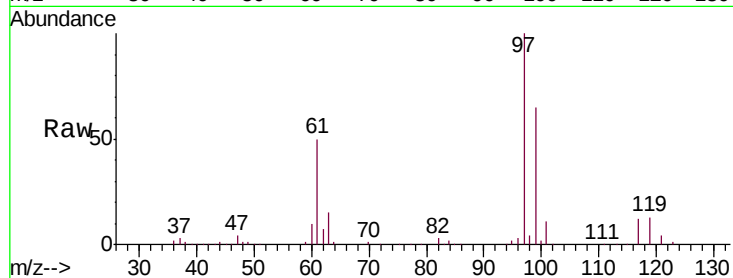




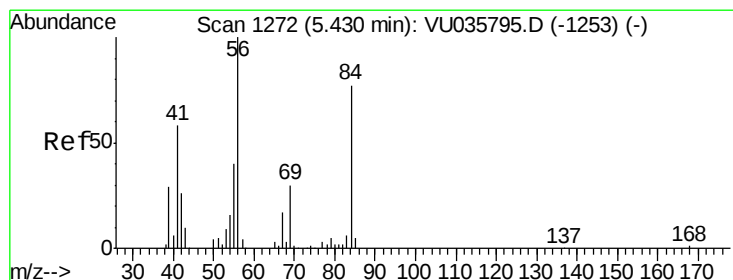
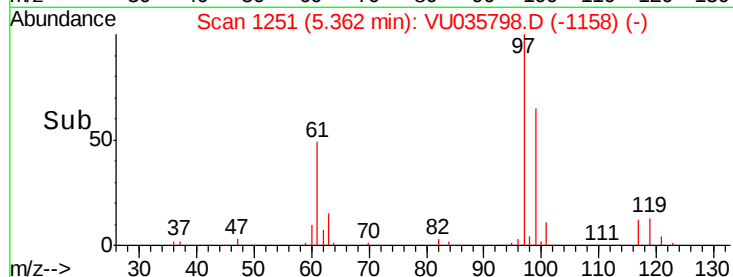
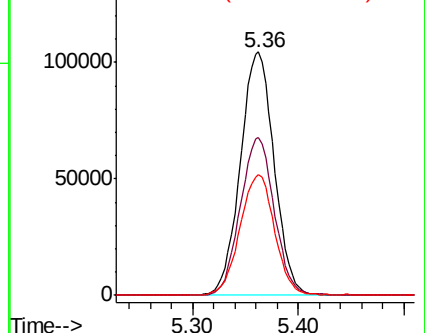
#29
 1,1,1-Trichloroethane
 Concen: 4.922 ug/L
 RT: 5.36 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VU035798.D
 Acq: 21 Nov 2019 12:27

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB03

Tgt Ion: 97 Resp: 232609
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.9 77.9
 61 50.7 40.3 60.5

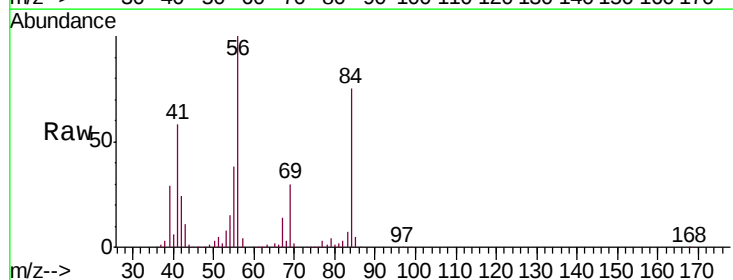


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

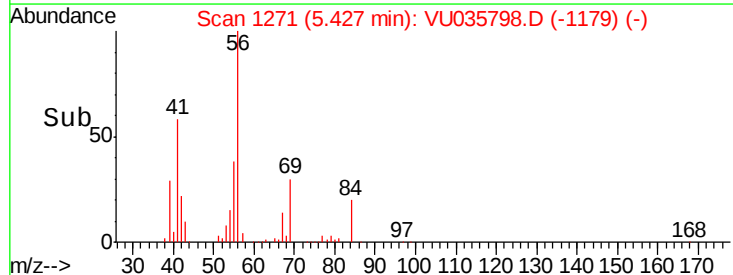
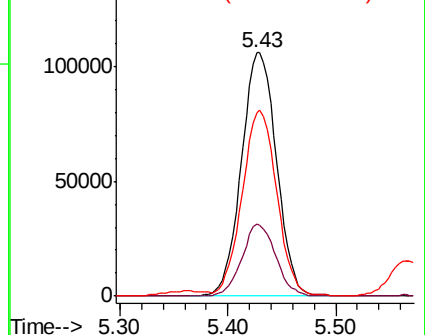


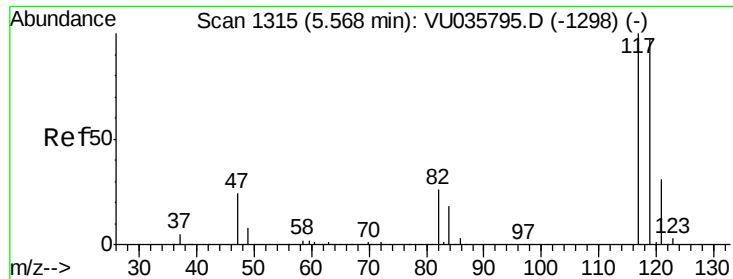
#30
 Cyclohexane
 Concen: 5.198 ug/L
 RT: 5.43 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VU035798.D
 Acq: 21 Nov 2019 12:27

Tgt Ion: 56 Resp: 240098
 Ion Ratio Lower Upper
 56 100
 69 28.5 24.0 36.0
 84 75.0 62.1 93.1



Abundance Ion 56.10 (55.80 to 56.80): VU0
 Ion 69.15 (68.85 to 69.85): VU0
 Ion 84.15 (83.85 to 84.85): VU0





#31

Carbon tetrachloride

Concen: 4.878 ug/L

RT: 5.56 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

Instrument :

MSVOA_U

ClientSampleId :

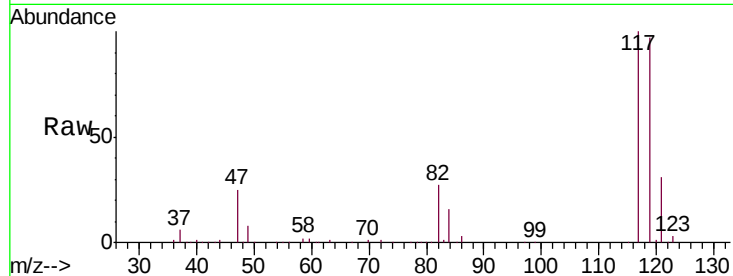
BFB03

Tgt Ion:117 Resp: 199653

Ion Ratio Lower Upper

117 100

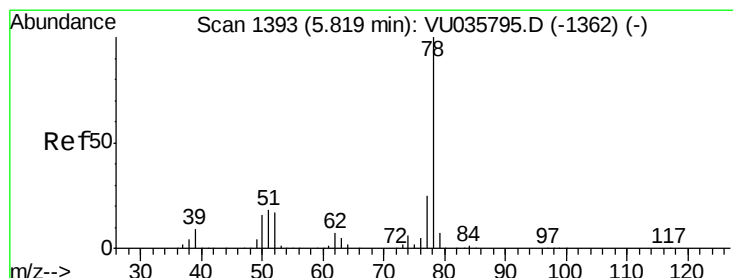
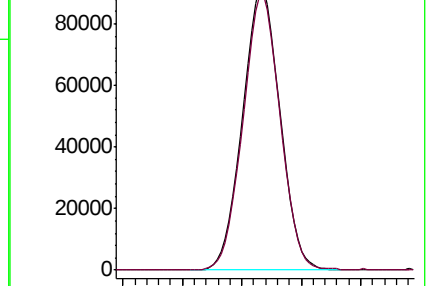
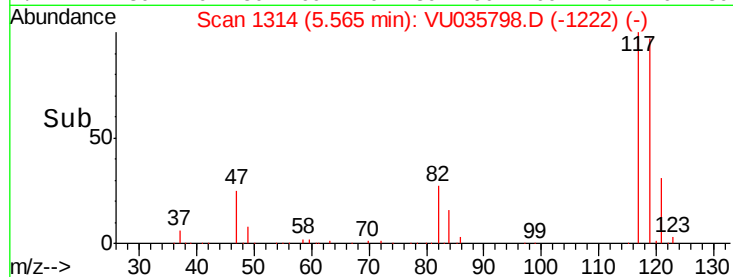
119 97.2 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.56



#33

Benzene

Concen: 5.085 ug/L

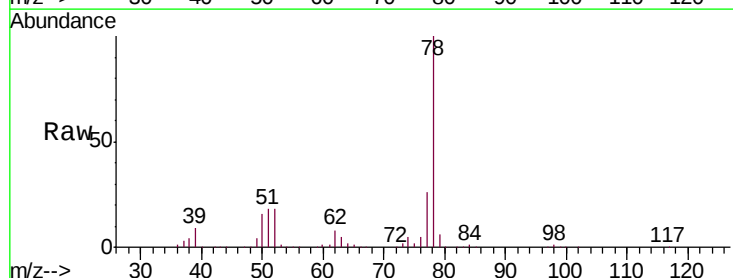
RT: 5.82 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VU035798.D

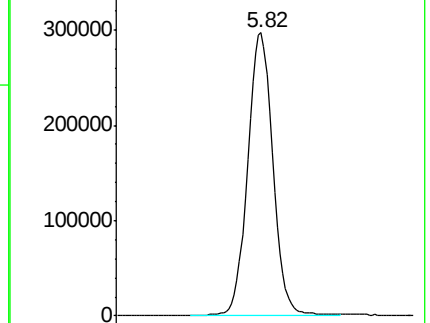
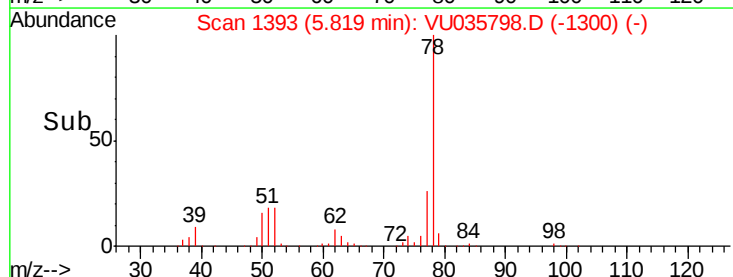
Acq: 21 Nov 2019 12:27

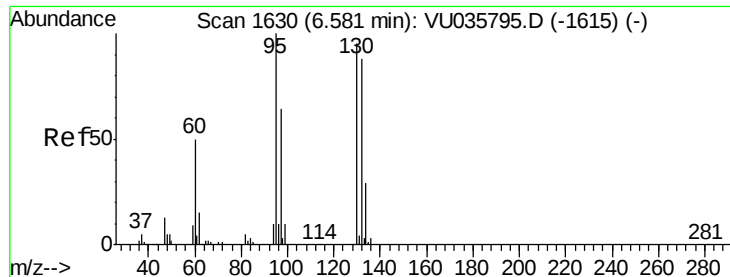
Tgt Ion: 78 Resp: 621236



Abundance Ion 78.10 (77.80 to 78.80): VU0

5.82

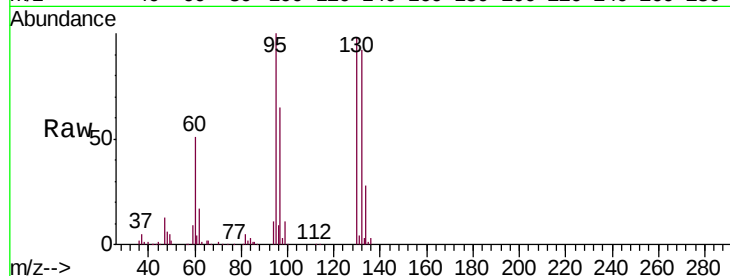




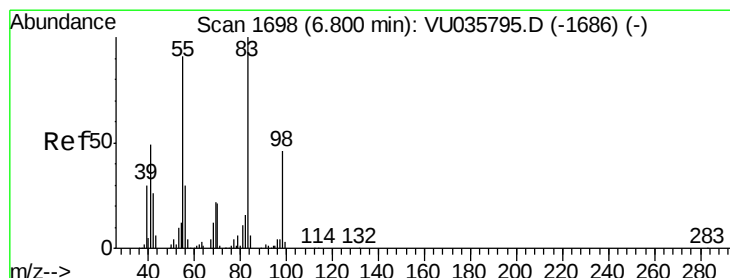
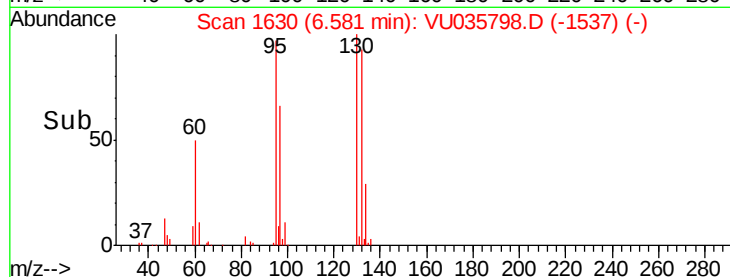
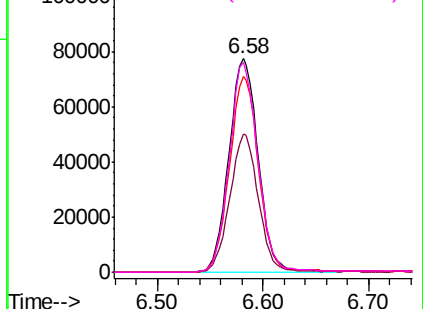
#34
 Trichloroethene
 Concen: 4.992 ug/L
 RT: 6.58 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: VU035798.D
 Acq: 21 Nov 2019 12:27

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB03

Tgt Ion:	95	Resp:	149519
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.1	83.9
132	91.7	61.9	114.9
130	98.4	66.3	123.1

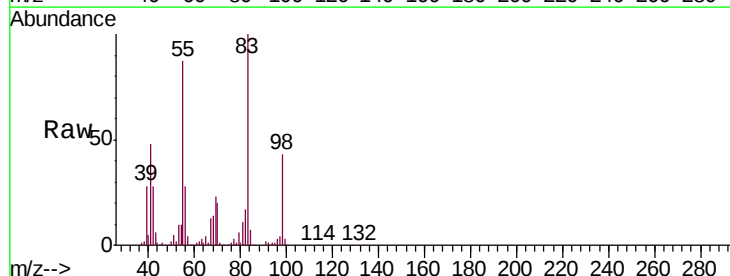


Abundance Ion 95.00 (94.70 to 95.70): VU0
 120000 Ion 96.95 (96.65 to 97.65): VU0
 100000 Ion 131.95 (131.65 to 132.65): V
 80000 Ion 129.95 (129.65 to 130.65): V

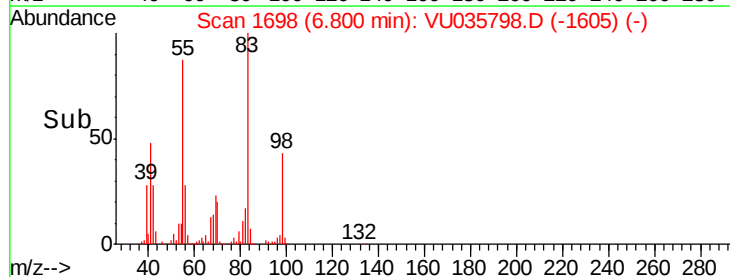
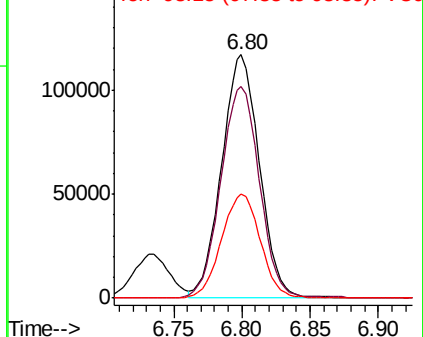


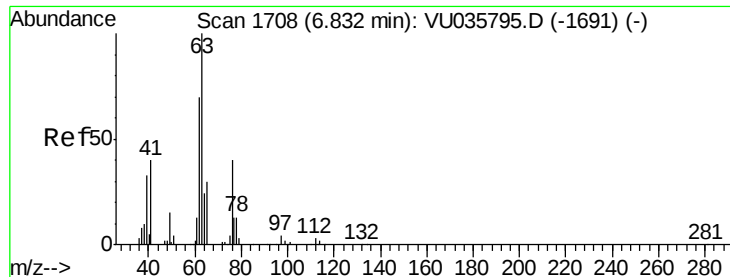
#35
 Methylcyclohexane
 Concen: 5.090 ug/L
 RT: 6.80 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VU035798.D
 Acq: 21 Nov 2019 12:27

Tgt Ion:	83	Resp:	223750
Ion	Ratio	Lower	Upper
83	100		
55	89.6	72.7	109.1
98	44.3	36.2	54.4



Abundance Ion 83.15 (82.85 to 83.85): VU0
 150000 Ion 55.10 (54.80 to 55.80): VU0
 100000 Ion 98.15 (97.85 to 98.85): VU0

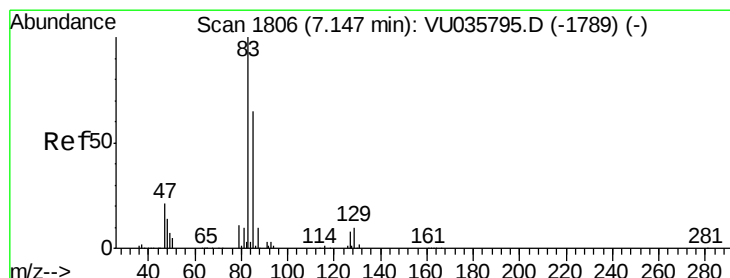
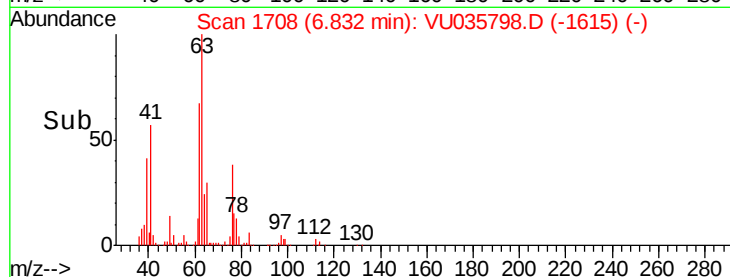
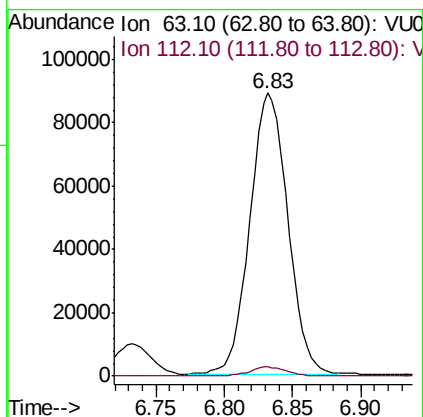
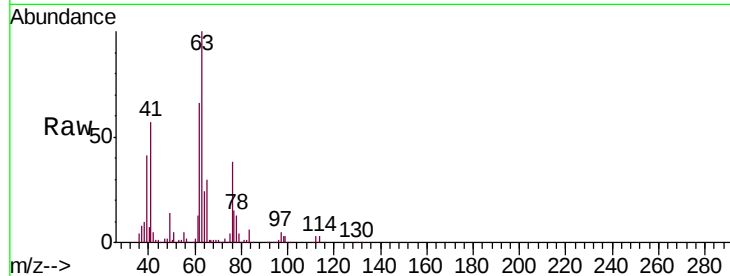




#37
 1,2-Dichloropropane
 Concen: 4.943 ug/L
 RT: 6.83 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: VU035798.D
 Acq: 21 Nov 2019 12:27

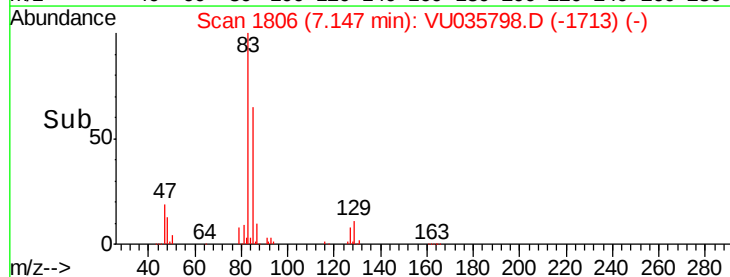
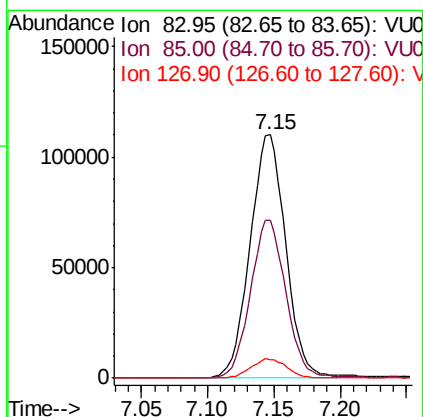
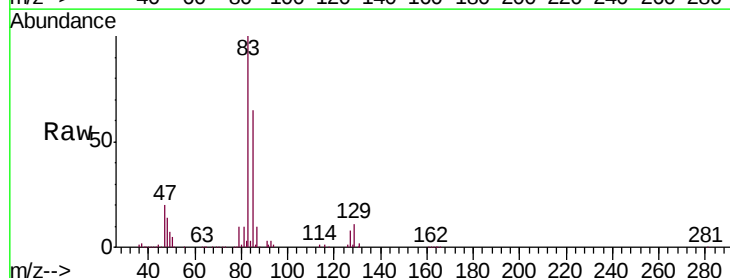
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB03

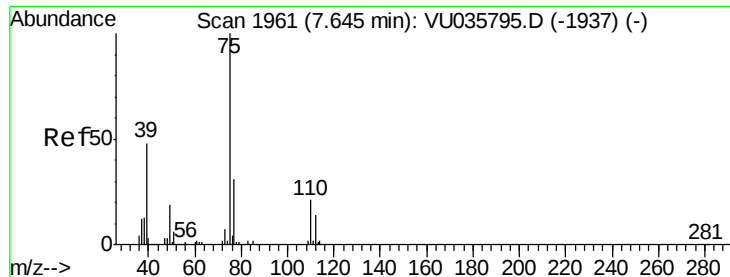
Tgt Ion: 63 Resp: 171267
 Ion Ratio Lower Upper
 63 100
 112 3.1 2.7 4.1



#38
 Bromodichloromethane
 Concen: 4.953 ug/L
 RT: 7.15 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VU035798.D
 Acq: 21 Nov 2019 12:27

Tgt Ion: 83 Resp: 205717
 Ion Ratio Lower Upper
 83 100
 85 64.7 45.6 84.8
 127 7.8 6.0 9.0

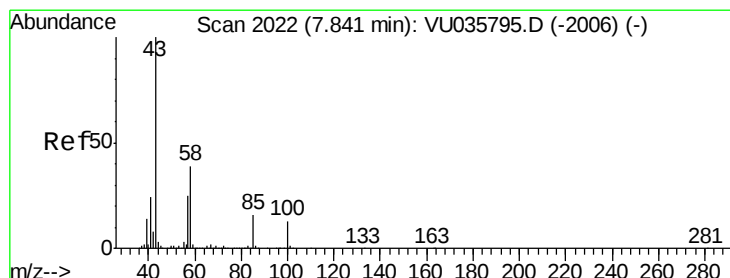
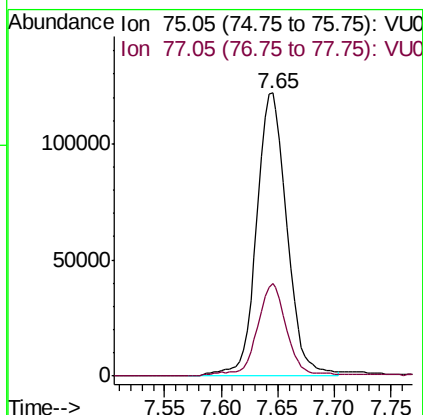
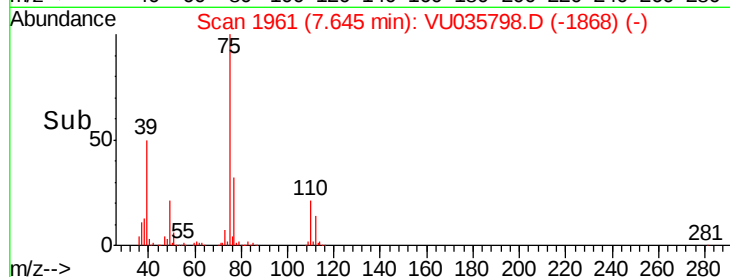
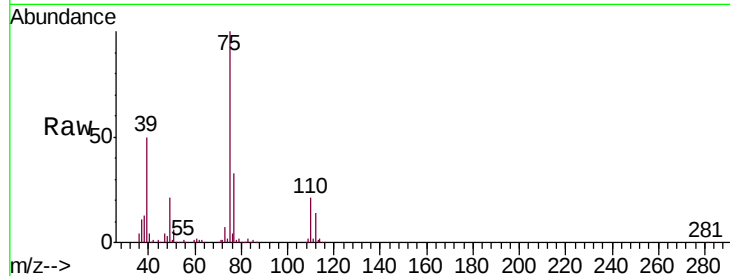




#39
 cis-1,3-Dichloropropene
 Concen: 5.074 ug/L
 RT: 7.65 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: VU035798.D
 Acq: 21 Nov 2019 12:27

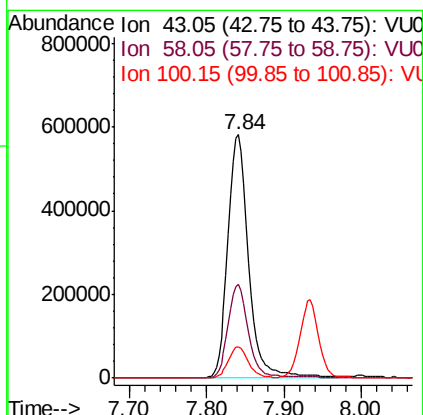
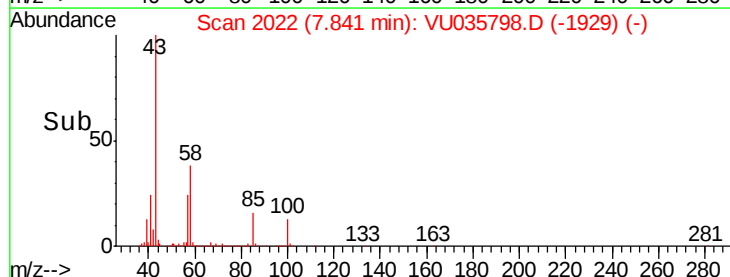
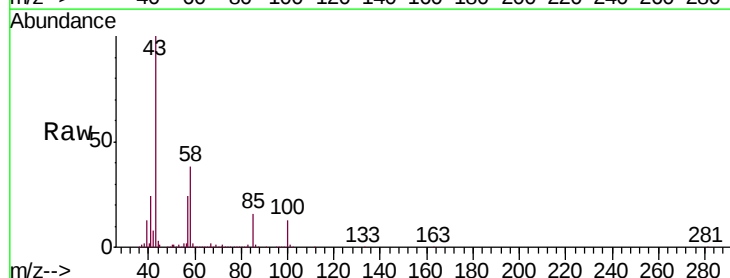
Instrument :
 MSVOA_U
 ClientSampleId :
 BFB03

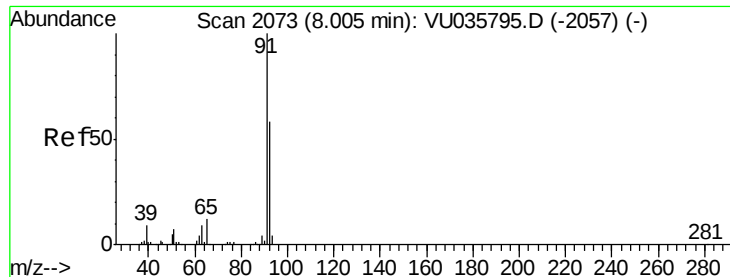
Tgt Ion: 75 Resp: 227611
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 50.797 ug/L
 RT: 7.84 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: VU035798.D
 Acq: 21 Nov 2019 12:27

Tgt Ion: 43 Resp: 1080585
 Ion Ratio Lower Upper
 43 100
 58 37.7 30.8 46.2
 100 12.4 10.0 15.0





#42

Toluene

Concen: 5.177 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU035798.D

Acq: 21 Nov 2019 12:27

Instrument :

MSVOA_U

ClientSampleId :

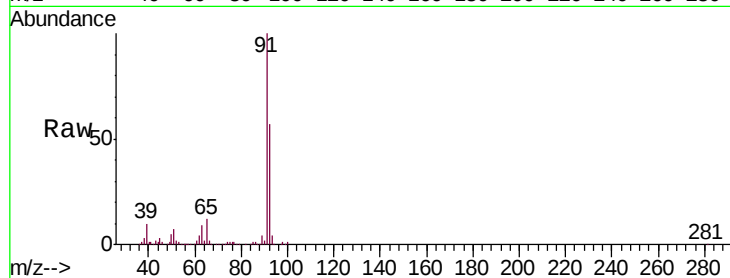
BFB03

Tgt Ion: 91 Resp: 657927

Ion Ratio Lower Upper

91 100

92 57.3 40.4 75.0



Abundance Ion 91.15 (90.85 to 91.85): VU035798.D (-1980) (-)

Ion 92.15 (91.85 to 92.85): VU035798.D (-1980) (-)

8.00

400000

300000

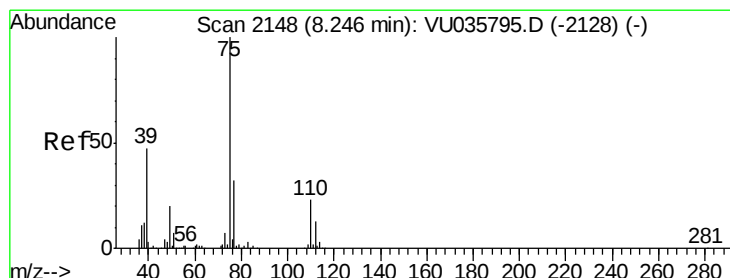
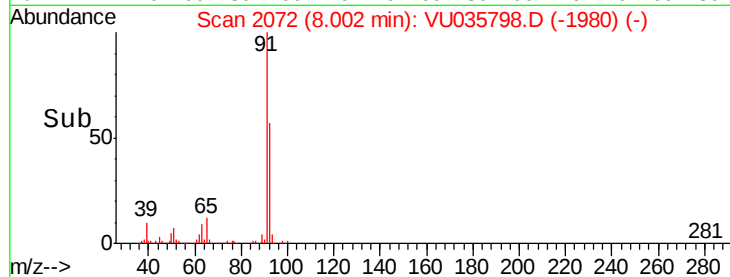
200000

100000

0

7.90 8.00 8.10

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.354 ug/L

RT: 8.25 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VU035798.D

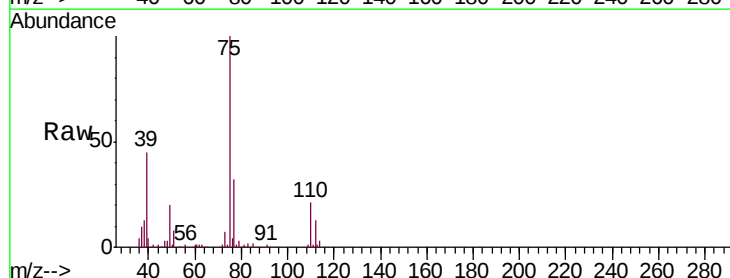
Acq: 21 Nov 2019 12:27

Tgt Ion: 75 Resp: 199120

Ion Ratio Lower Upper

75 100

77 31.8 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VU035798.D (-2055) (-)

Ion 77.05 (76.75 to 77.75): VU035798.D (-2055) (-)

8.25

120000

100000

80000

60000

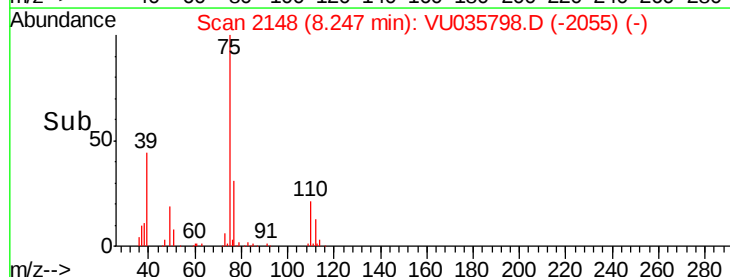
40000

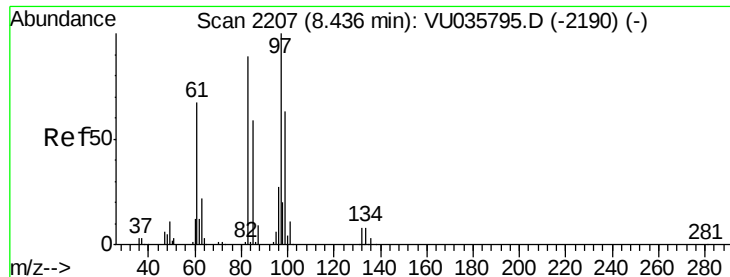
20000

0

8.10 8.20 8.30 8.40

Time-->

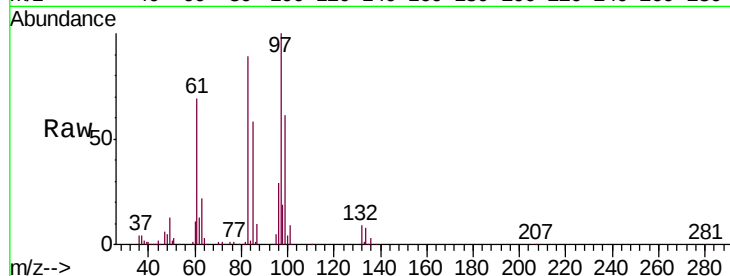




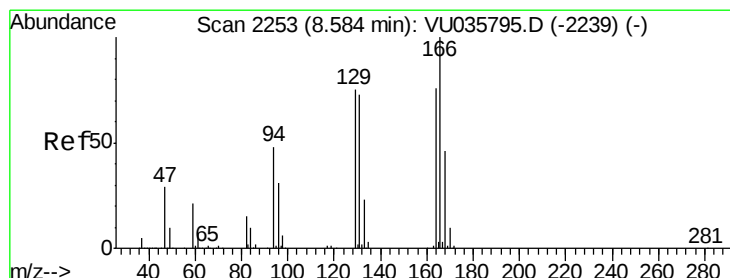
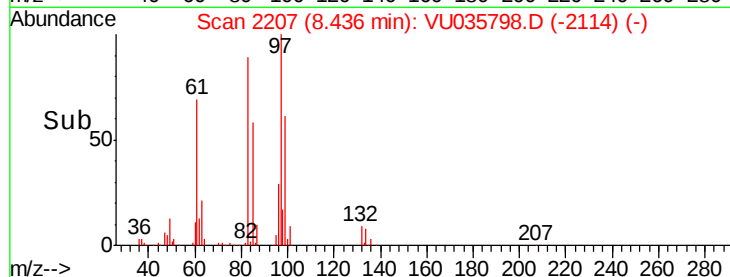
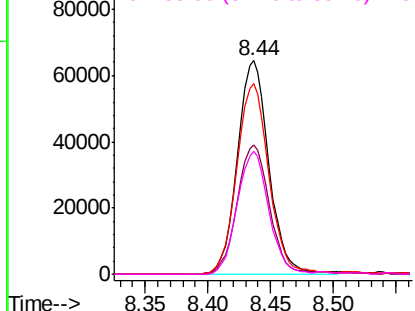
#45
 1,1,2-Trichloroethane
 Concen: 4.989 ug/L
 RT: 8.44 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VU035798.D
 Acq: 21 Nov 2019 12:27

Instrument :
 MSVOA_U
 ClientSampleId :
 BFB03

Tgt Ion:	97	Resp:	112647
Ion	Ratio	Lower	Upper
97	100		
99	60.7	44.2	82.0
83	89.4	62.2	115.6
85	57.5	41.5	77.1

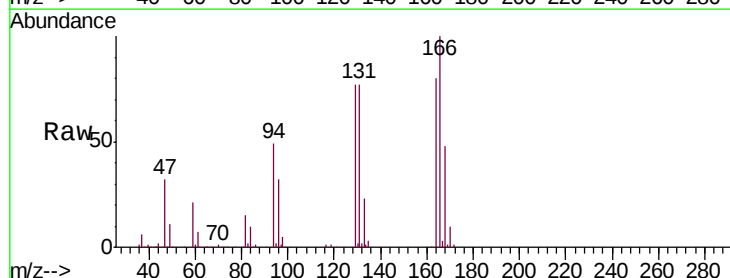


Abundance Ion 96.95 (96.65 to 97.65): VU035798.D (-2190) (-)
 Ion 99.05 (98.75 to 99.75): VU035798.D (-2190) (-)
 Ion 82.95 (82.65 to 83.65): VU035798.D (-2190) (-)
 Ion 85.00 (84.70 to 85.70): VU035798.D (-2190) (-)



#47
 Tetrachloroethene
 Concen: 5.025 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU035798.D
 Acq: 21 Nov 2019 12:27

Tgt Ion:	164	Resp:	114526
Ion	Ratio	Lower	Upper
164	100		
129	96.1	68.8	127.8
131	96.2	67.3	124.9
166	124.5	91.6	170.2



Abundance Ion 163.90 (163.60 to 164.60): VU035798.D (-2239) (-)
 Ion 128.95 (128.65 to 129.65): VU035798.D (-2239) (-)
 Ion 130.95 (130.65 to 131.65): VU035798.D (-2239) (-)
 Ion 165.90 (165.60 to 166.60): VU035798.D (-2239) (-)

