

Data File : VV010850.D
Acq On : 13 May 2019 21:15
Operator : SY/MD
Sample : VSTDICV025
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV67

Quant Time: May 14 02:24:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Tue May 14 01:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136303	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142386	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	69608	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44657	25.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.88%
7) Chloroethane-d5	1.56	69	26776	23.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.64%
10) 1,1-Dichloroethene-d2	2.12	63	83104	25.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.16%
20) 2-Butanone-d5	3.93	46	28973	53.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.06%
24) Chloroform-d	4.39	84	95150	24.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	5.08	65	56271	25.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.60%
29) Benzene-d6	5.09	84	198391	25.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.68%
33) 1,2-Dichloropropane-d6	6.11	67	60349	24.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.00%
37) Toluene-d8	7.36	98	189049	24.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.84%
38) trans-1,3-Dichloropropene-	7.66	79	25907	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.48%
39) 2-Hexanone-d5	8.13	63	22434	47.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54576	23.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	69370	23.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.44%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	35730	23.628 ug/L	97
3) Chloromethane	1.25	50	44332	24.478 ug/L	100
5) Vinyl chloride	1.32	62	46295	23.743 ug/L	95
6) Bromomethane	1.51	94	12336	27.258 ug/L	99
8) Chloroethane	1.58	64	22426	22.238 ug/L	100
9) Trichlorofluoromethane	1.75	101	64737	23.194 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	38767	23.027 ug/L	98
12) 1,1-Dichloroethene	2.13	96	37392	23.806 ug/L	94
13) Acetone	2.19	43	24075	43.262 ug/L	94
14) Carbon disulfide	2.31	76	112819	23.846 ug/L	99
15) Methyl Acetate	2.45	43	26066	22.489 ug/L	100
16) Methylene chloride	2.53	84	51145	23.251 ug/L	96
17) Methyl tert-butyl Ether	2.80	73	125454	24.461 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	45427	24.279 ug/L	94
19) 1,1-Dichloroethane	3.22	63	89390	24.677 ug/L	98
21) 2-Butanone	4.02	43	34562	48.115 ug/L	98
22) cis-1,2-Dichloroethene	3.95	96	54866	25.058 ug/L	97

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Quant Title : VOC Analysis
QLast Update : Tue May 14 01:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	25208	24.715	ug/L	97
25) Chloroform	4.42	83	98356	25.030	ug/L	99
27) 1,2-Dichloroethane	5.17	62	65297	23.816	ug/L	99
30) Cyclohexane	4.72	56	63613	23.238	ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	73152	23.655	ug/L	98
32) Carbon tetrachloride	4.87	117	62573	23.711	ug/L	100
34) Benzene	5.14	78	199515	24.041	ug/L	100
35) Trichloroethene	5.96	95	50917	23.672	ug/L	97
36) Methylcyclohexane	6.17	83	71383	23.849	ug/L	98
40) 1,2-Dichloropropane	6.22	63	54310	24.027	ug/L	100
41) Bromodichloromethane	6.55	83	69872	24.107	ug/L	99
42) cis-1,3-Dichloropropene	7.07	75	83649	25.366	ug/L	98
43) 4-Methyl-2-pentanone	7.27	43	74427	46.625	ug/L	98
44) Toluene	7.43	91	225369	24.430	ug/L	97
45) trans-1,3-Dichloropropene	7.69	75	69235	24.842	ug/L	98
46) 1,1,2-Trichloroethane	7.88	97	43473	23.881	ug/L	97
47) Tetrachloroethene	8.02	164	37100	23.343	ug/L	91
49) 2-Hexanone	8.18	43	55226	46.843	ug/L	99
50) Dibromochloromethane	8.29	129	49071	24.234	ug/L	99
51) 1,2-Dibromoethane	8.40	107	41348	24.110	ug/L	97
52) Chlorobenzene	8.92	112	150970	24.029	ug/L	96
53) Ethylbenzene	9.05	91	250367	24.773	ug/L	100
54) m,p-Xylene	9.18	106	97467	24.477	ug/L	97
55) o-xylene	9.59	106	98453	25.166	ug/L	99
56) Styrene	9.60	104	173105	25.805	ug/L	99
57) Isopropylbenzene	9.97	105	246684	25.190	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	54944	22.854	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	42010	24.117	ug/L	98
62) Bromoform	9.77	173	26467	24.359	ug/L	99
63) 1,3-Dichlorobenzene	11.22	146	115593	24.035	ug/L	97
64) 1,4-Dichlorobenzene	11.32	146	120619	24.210	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	115237	24.017	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	8357	23.256	ug/L	88
67) 1,3,5-Trichlorobenzene	12.69	180	85411	24.368	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	69461	24.543	ug/L	97
69) Naphthalene	13.55	128	149975	25.297	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	68688	25.500	ug/L	99

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

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ClientSampleId :
VICV67

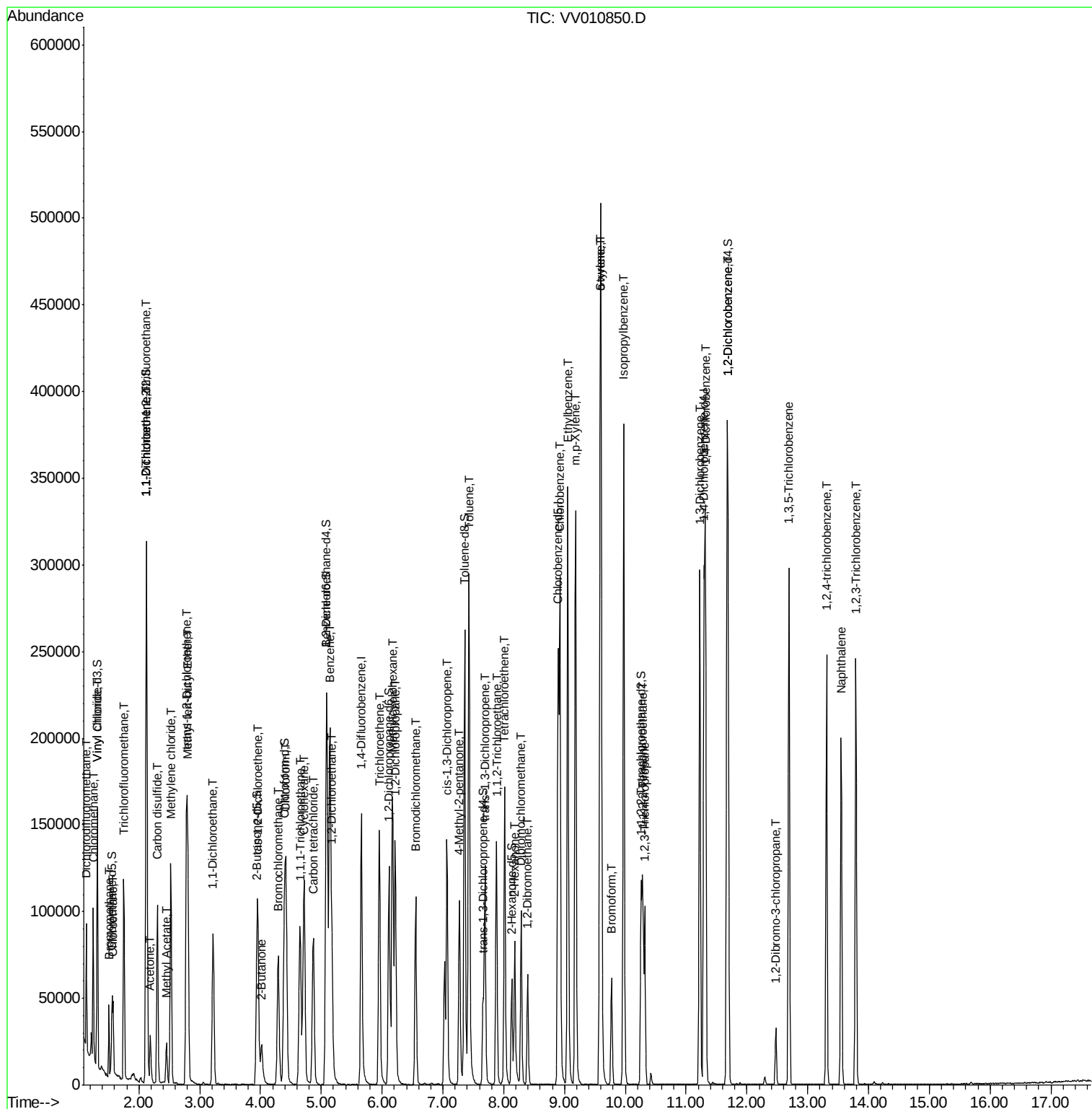
Quant Time: May 14 02:24:32 2019

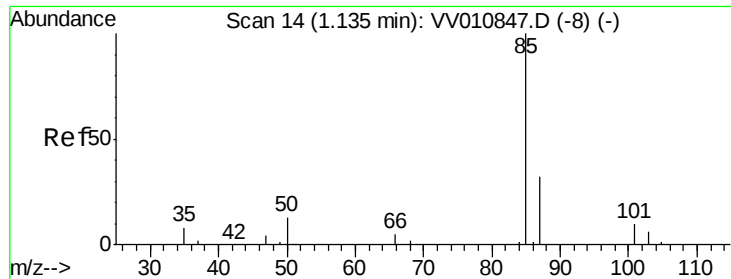
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\S0M2VLM051319S.M

Quant Title : VOC Analysis

QLast Update : Tue May 14 01:59:26 2019

Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 23.628 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Instrument :

MSVOA_V

ClientSampleId :

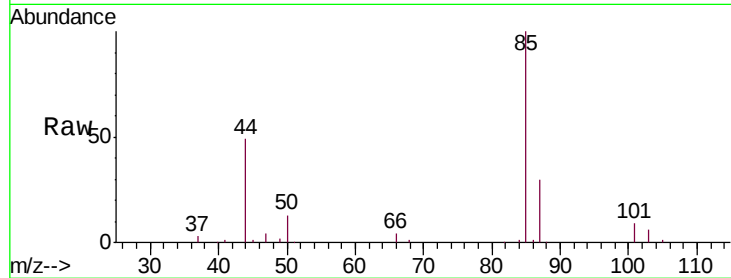
VICV67

Tgt Ion: 85 Resp: 35730

Ion Ratio Lower Upper

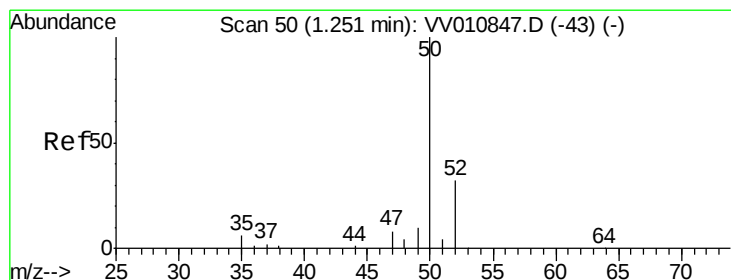
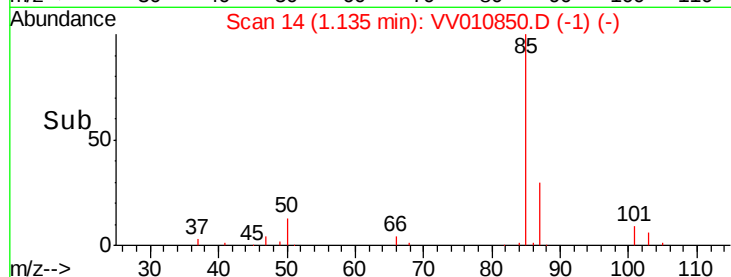
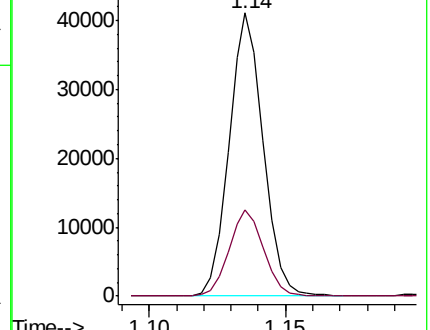
85 100

87 30.9 23.0 42.6



Abundance Ion 85.00 (84.70 to 85.70): VV010847.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV010847.D (-8) (-)



#3

Chloromethane

Concen: 24.478 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV010850.D

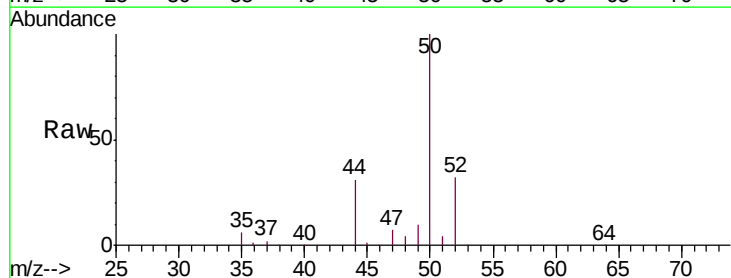
Acq: 13 May 2019 21:15

Tgt Ion: 50 Resp: 44332

Ion Ratio Lower Upper

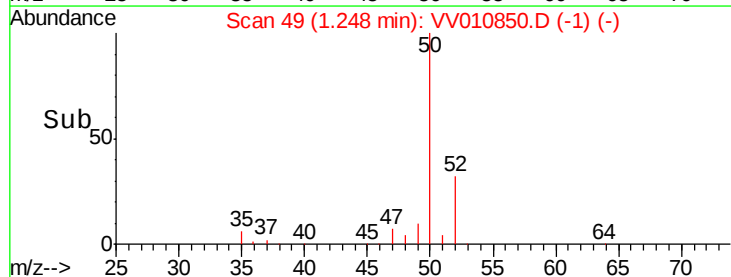
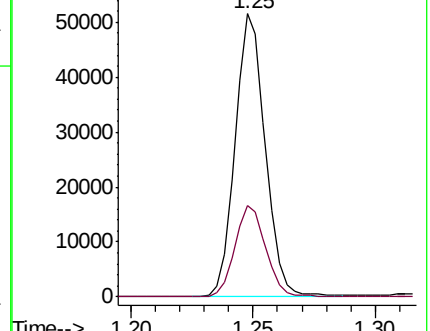
50 100

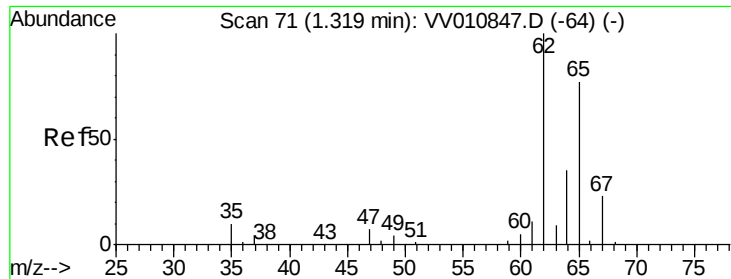
52 32.3 22.5 41.7



Abundance Ion 50.00 (49.70 to 50.70): VV010847.D (-43) (-)

Ion 52.00 (51.70 to 52.70): VV010847.D (-43) (-)





#5

Vinyl chloride

Concen: 23.743 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Instrument :

MSVOA_V

ClientSampleId :

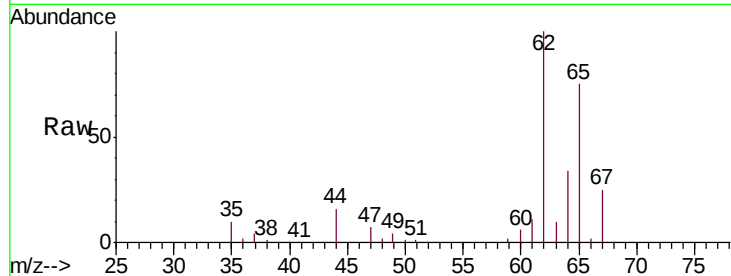
VICV67

Tgt Ion: 62 Resp: 46295

Ion Ratio Lower Upper

62 100

64 34.4 26.1 48.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

60000

50000

40000

30000

20000

10000

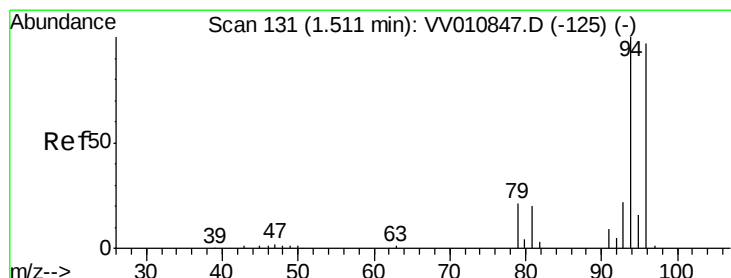
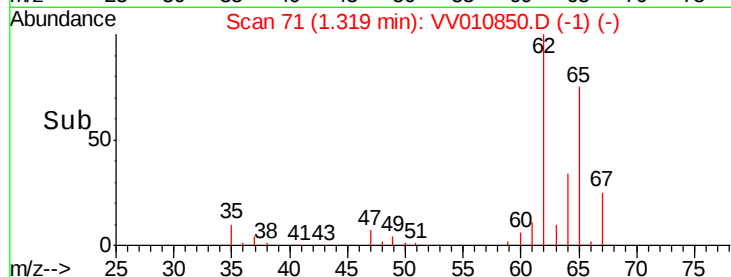
0

1.30

1.32

1.35

Time-->



#6

Bromomethane

Concen: 27.258 ug/L

RT: 1.51 min Scan# 130

Delta R.T. -0.00 min

Lab File: VV010850.D

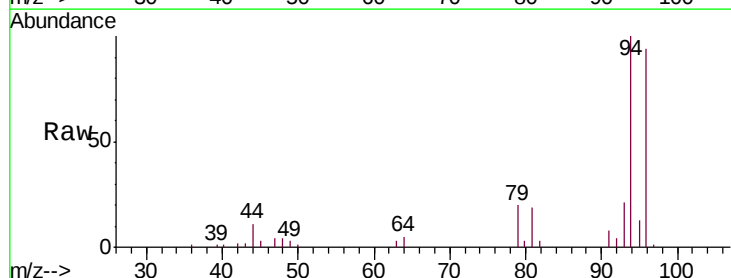
Acq: 13 May 2019 21:15

Tgt Ion: 94 Resp: 12336

Ion Ratio Lower Upper

94 100

96 94.3 9.6 181.6



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

15000

10000

5000

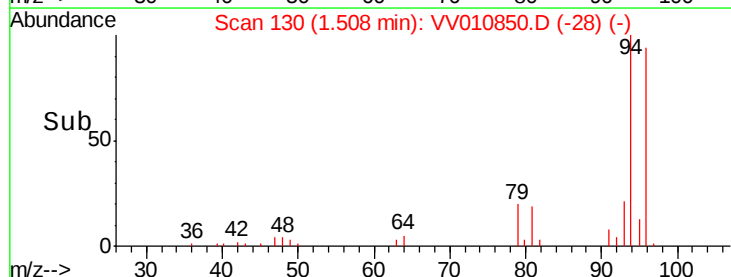
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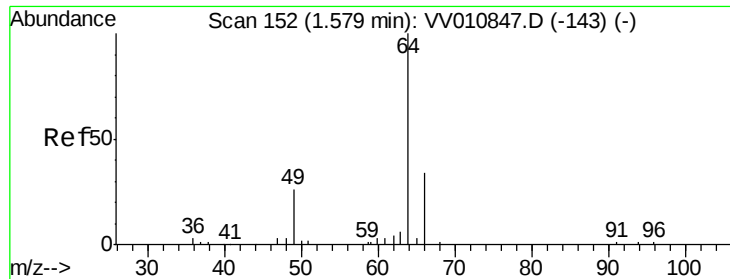
1.50

1.51

1.55

Time-->





#8

Chloroethane

Concen: 22.238 ug/L

RT: 1.58 min Scan# 151

Delta R.T. -0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Instrument :

MSVOA_V

ClientSampleId :

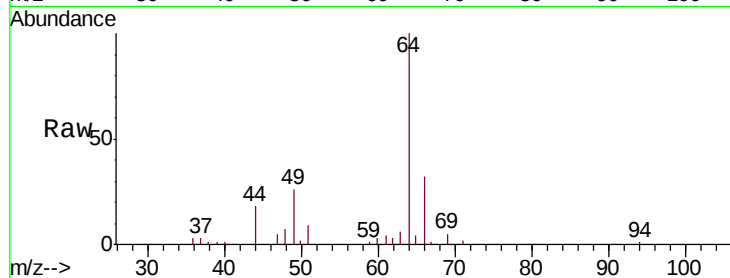
VICV67

Tgt Ion: 64 Resp: 22426

Ion Ratio Lower Upper

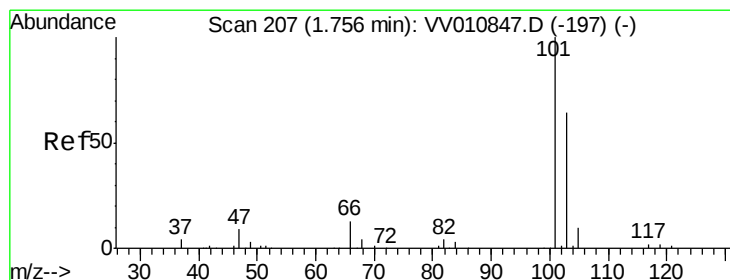
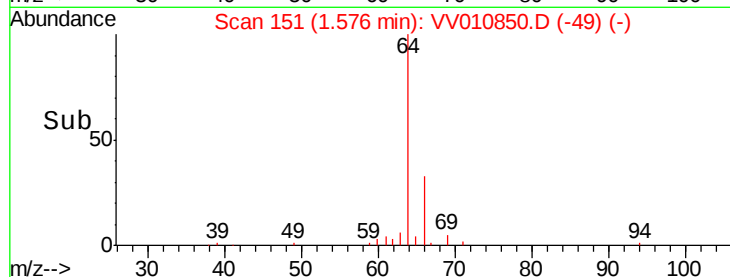
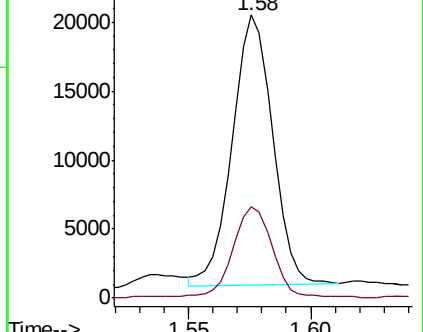
64 100

66 32.4 22.5 41.9



Abundance Ion 64.00 (63.70 to 64.70): VV010847.D (-143) (-)

Ion 66.00 (65.70 to 66.70): VV010847.D (-143) (-)



#9

Trichlorofluoromethane

Concen: 23.194 ug/L

RT: 1.75 min Scan# 206

Delta R.T. -0.00 min

Lab File: VV010850.D

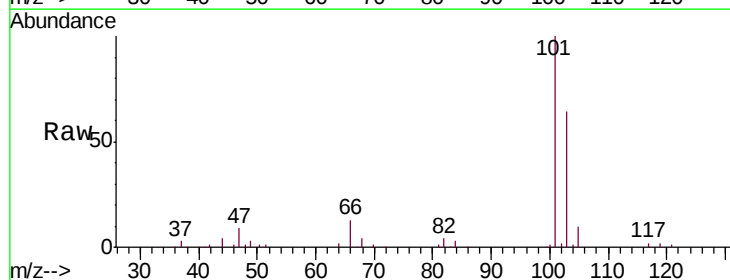
Acq: 13 May 2019 21:15

Tgt Ion: 101 Resp: 64737

Ion Ratio Lower Upper

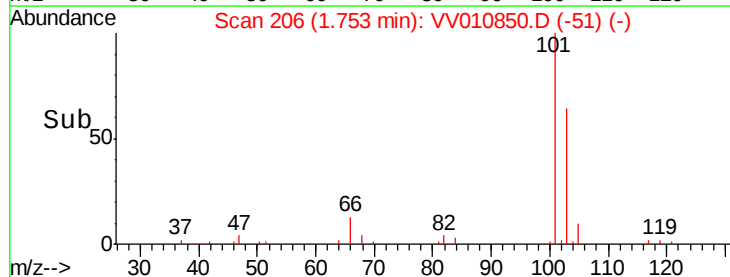
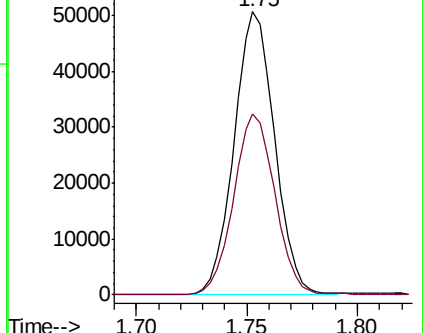
101 100

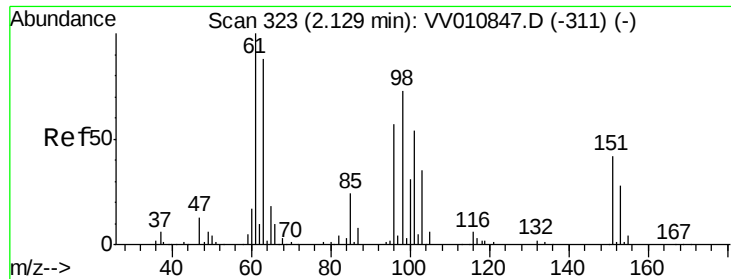
103 64.8 45.4 84.4



Abundance Ion 101.00 (100.70 to 101.70): VV010847.D (-197) (-)

Ion 103.00 (102.70 to 103.70): VV010847.D (-197) (-)





#11

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

Concen: 23.027 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Instrument :

MSVOA_V

ClientSampleId :

VICV67

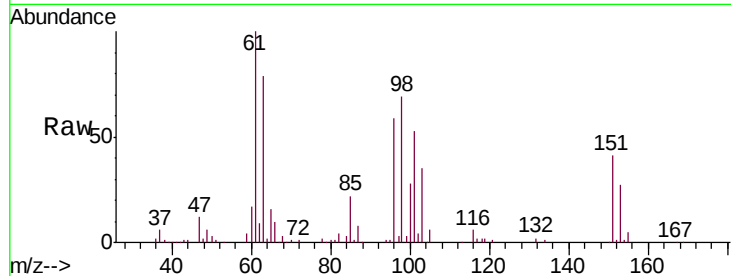
Tgt Ion: 101 Resp: 38767

Ion Ratio Lower Upper

101 100

85 42.3 35.7 53.5

151 76.5 62.2 93.2

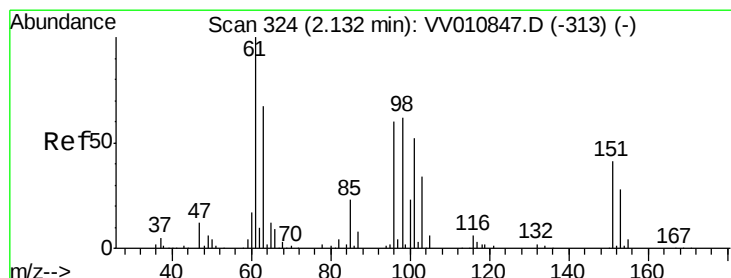
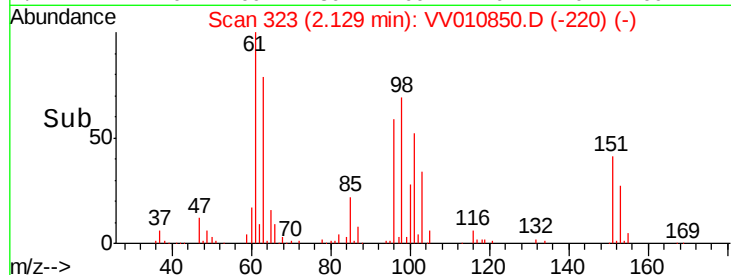


Abundance Ion 101.00 (100.70 to 101.70): VV010847.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV010847.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV010847.D (-311) (-)

Time-->



#12

1,1-Dichloroethene

Concen: 23.806 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

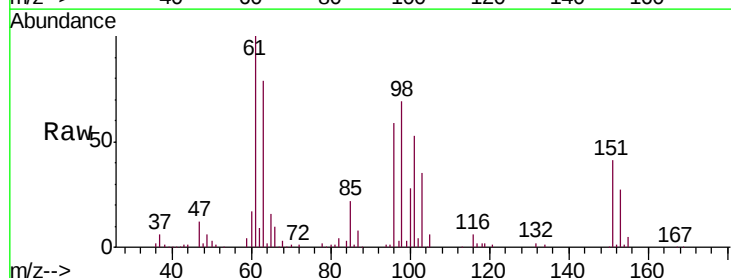
Tgt Ion: 96 Resp: 37392

Ion Ratio Lower Upper

96 100

61 169.0 117.5 218.3

63 133.6 82.8 153.8

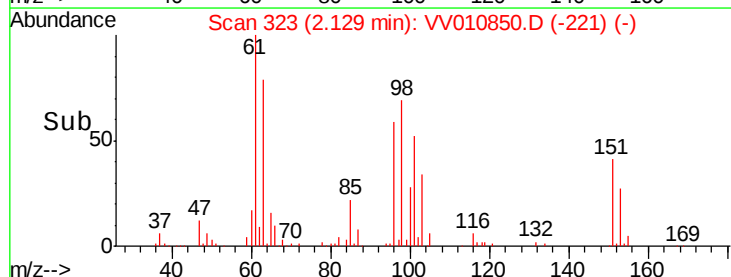


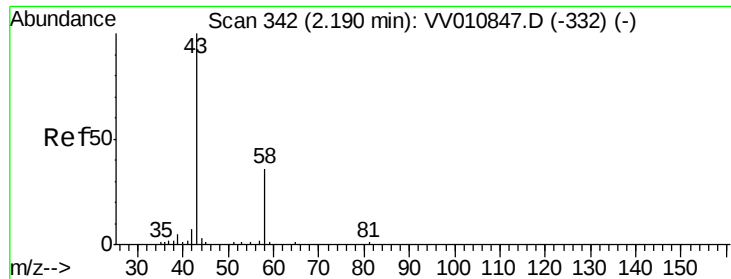
Abundance Ion 96.00 (95.70 to 96.70): VV010847.D (-313) (-)

Ion 61.00 (60.70 to 61.70): VV010847.D (-313) (-)

Ion 63.00 (62.70 to 63.70): VV010847.D (-313) (-)

Time-->





#13

Acetone

Concen: 43.262 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Instrument :

MSVOA_V

ClientSampleId :

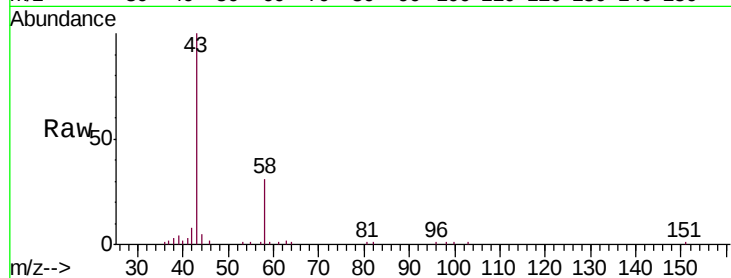
VICV67

Tgt Ion: 43 Resp: 24075

Ion Ratio Lower Upper

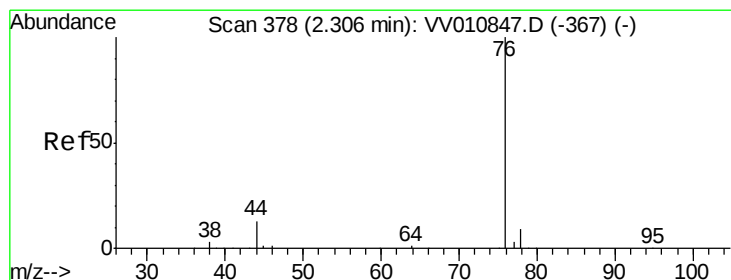
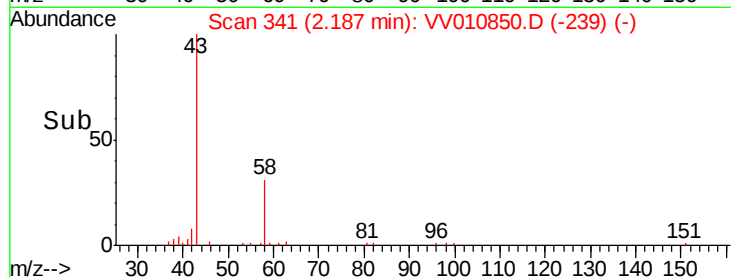
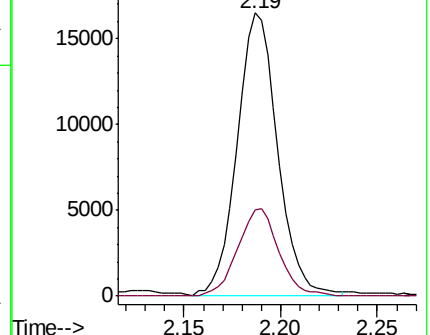
43 100

58 31.4 0.0 69.2



Abundance Ion 43.00 (42.70 to 43.70): VV010847.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010847.D (-332) (-)



#14

Carbon disulfide

Concen: 23.846 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.00 min

Lab File: VV010850.D

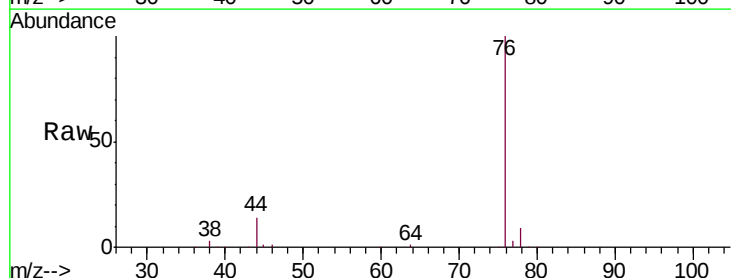
Acq: 13 May 2019 21:15

Tgt Ion: 76 Resp: 112819

Ion Ratio Lower Upper

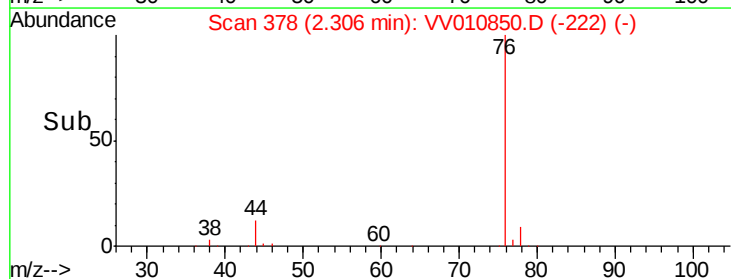
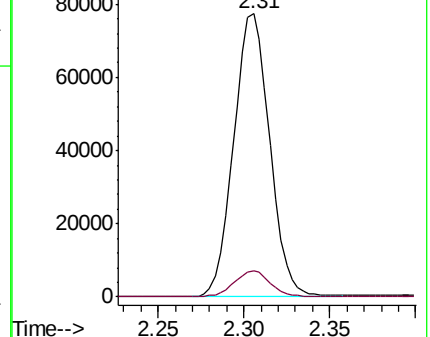
76 100

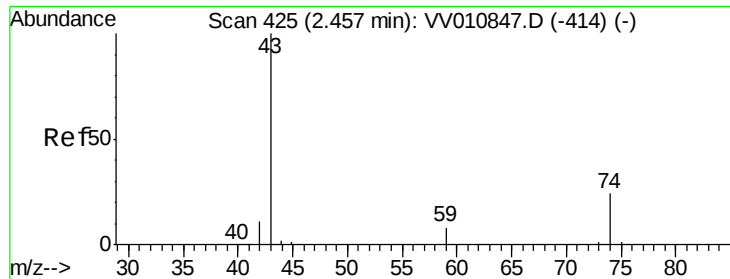
78 9.2 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VV010847.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV010847.D (-367) (-)

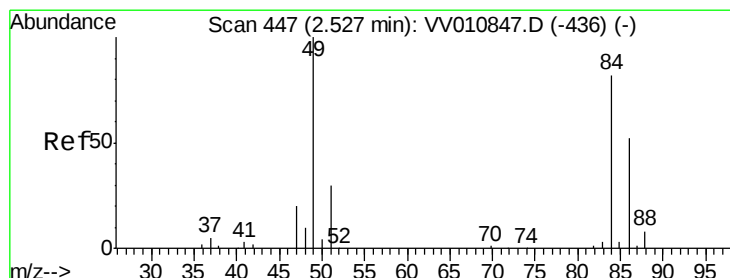
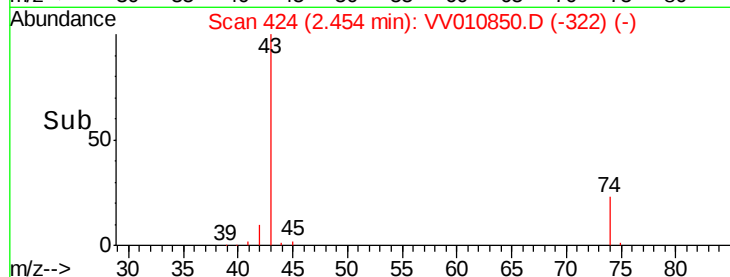
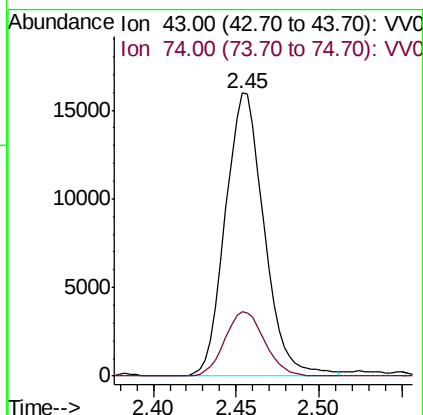
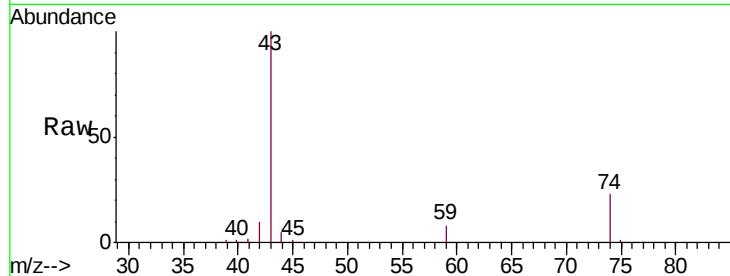




#15
Methyl Acetate
Concen: 22.489 ug/L
RT: 2.45 min Scan# 424
Delta R.T. -0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

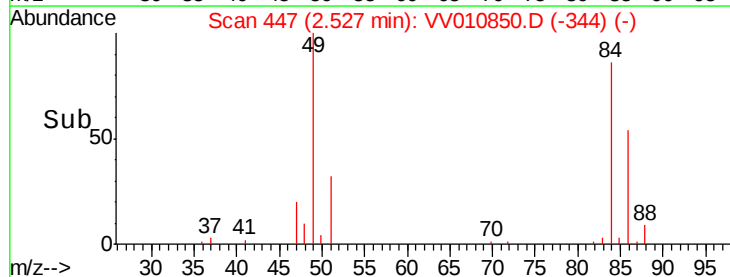
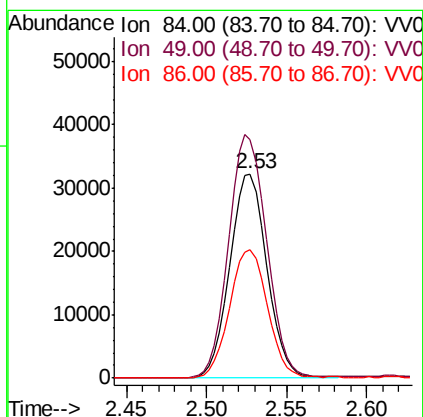
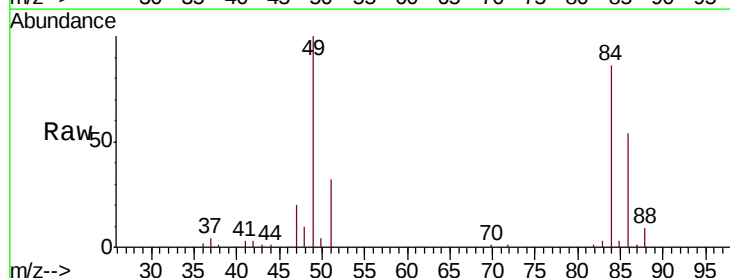
Instrument :
MSVOA_V
ClientSampleId :
VICV67

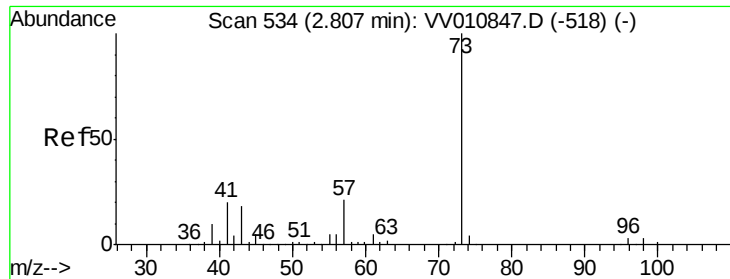
Tgt Ion: 43 Resp: 26066
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8



#16
Methylene chloride
Concen: 23.251 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

Tgt Ion: 84 Resp: 51145
Ion Ratio Lower Upper
84 100
49 116.5 85.8 159.3
86 62.6 45.0 83.6

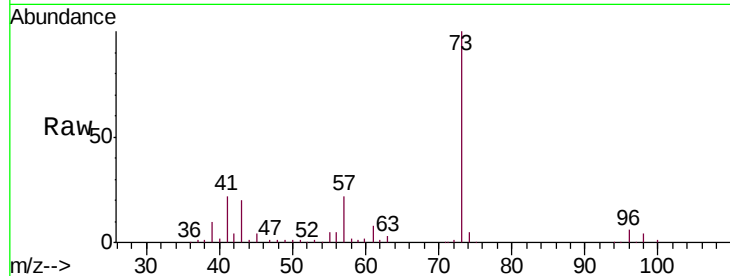




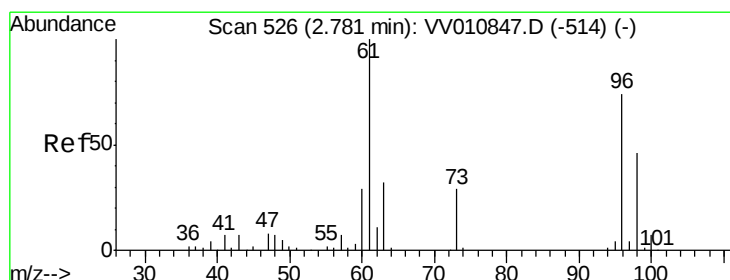
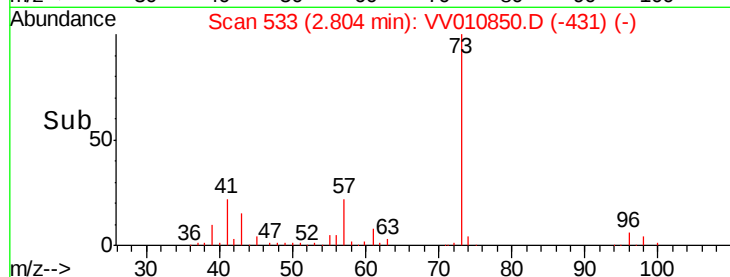
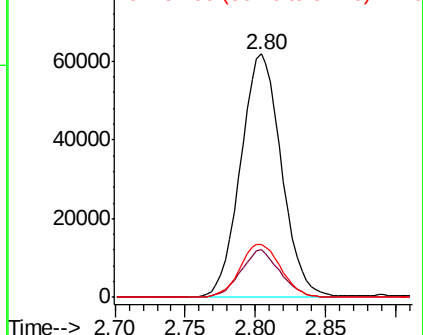
#17
Methyl tert-butyl Ether
Concen: 24.461 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

Instrument :
MSVOA_V
ClientSampleId :
VICV67

Tgt Ion: 73 Resp: 125454
Ion Ratio Lower Upper
73 100
43 18.9 15.3 22.9
57 21.9 17.5 26.3

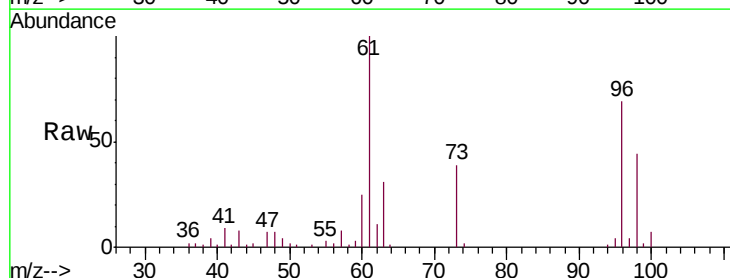


Abundance Ion 73.00 (72.70 to 73.70): VV0
Ion 43.00 (42.70 to 43.70): VV0
Ion 57.00 (56.70 to 57.70): VV0

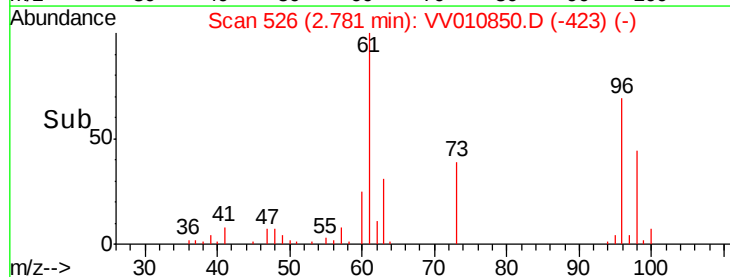
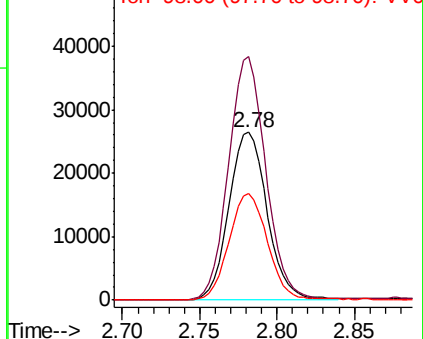


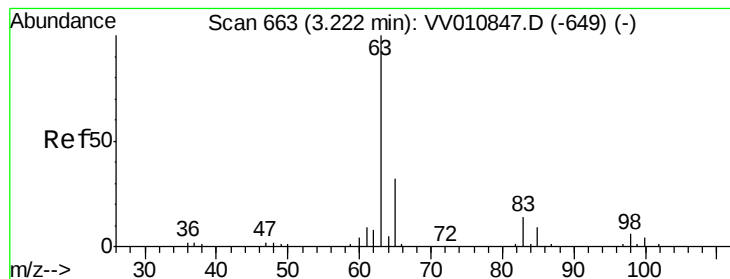
#18
trans-1,2-Dichloroethene
Concen: 24.279 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

Tgt Ion: 96 Resp: 45427
Ion Ratio Lower Upper
96 100
61 145.1 95.0 176.4
98 63.4 43.3 80.3



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#19

1,1-Dichloroethane

Concen: 24.677 ug/L

RT: 3.22 min Scan# 662

Delta R.T. -0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Instrument :

MSVOA_V

ClientSampled :

VICV67

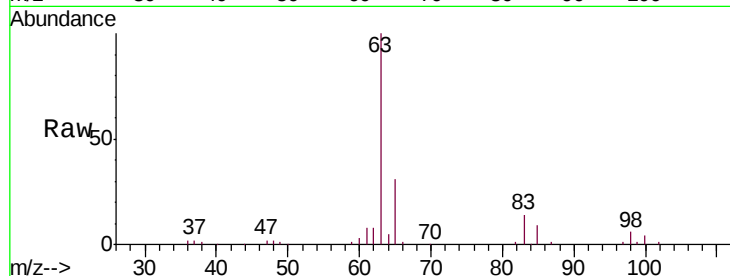
Tgt Ion: 63 Resp: 89390

Ion Ratio Lower Upper

63 100

65 30.6 22.1 41.1

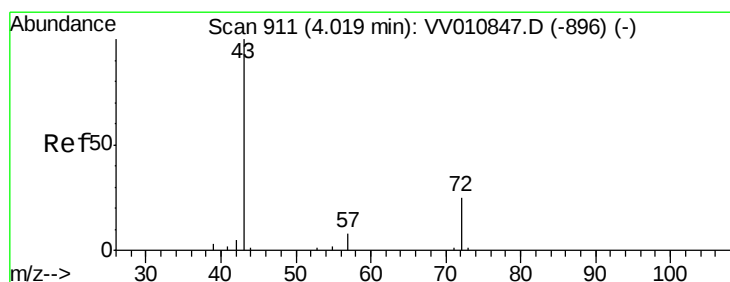
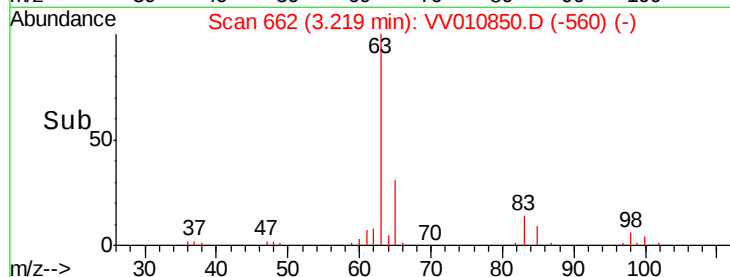
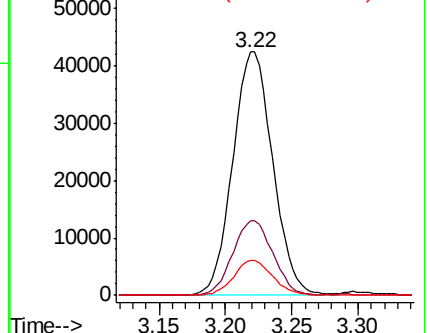
83 14.3 9.7 17.9



Abundance Ion 63.00 (62.70 to 63.70): VV010847.D (-649) (-)

Ion 65.00 (64.70 to 65.70): VV010847.D (-649) (-)

Ion 83.00 (82.70 to 83.70): VV010847.D (-649) (-)



#21

2-Butanone

Concen: 48.115 ug/L

RT: 4.02 min Scan# 910

Delta R.T. -0.00 min

Lab File: VV010850.D

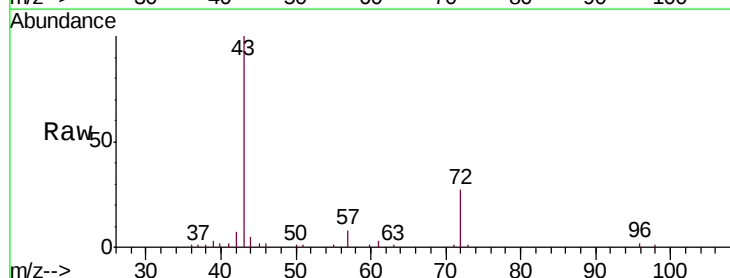
Acq: 13 May 2019 21:15

Tgt Ion: 43 Resp: 34562

Ion Ratio Lower Upper

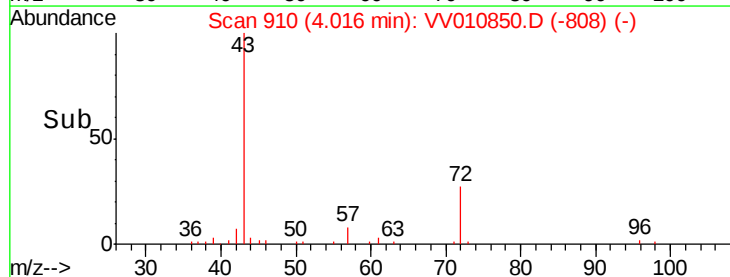
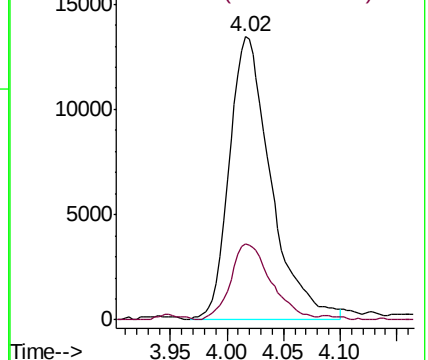
43 100

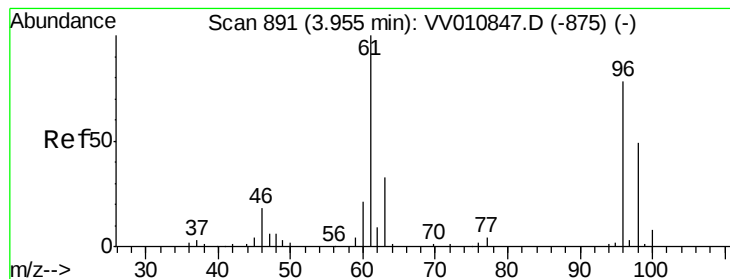
72 26.1 13.7 41.1



Abundance Ion 43.00 (42.70 to 43.70): VV010847.D (-896) (-)

Ion 72.00 (71.70 to 72.70): VV010847.D (-896) (-)



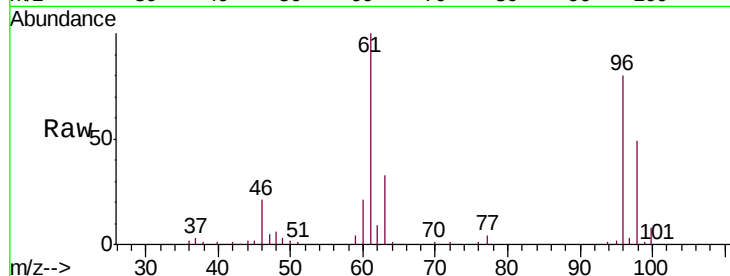


#22

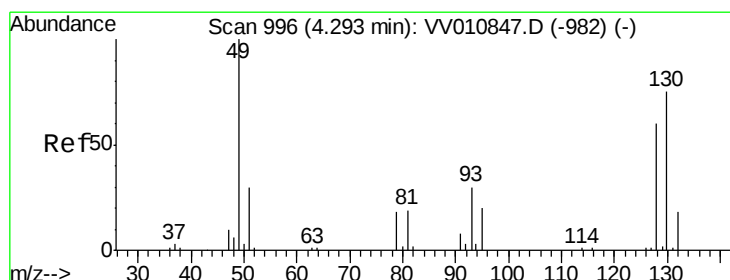
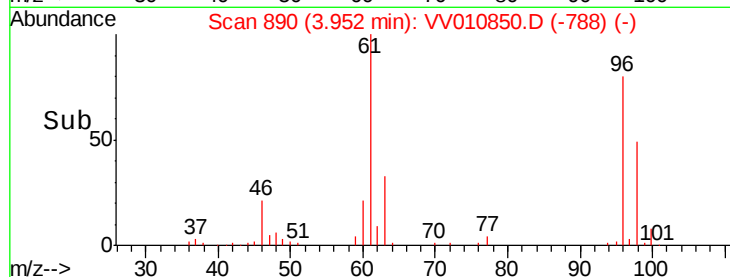
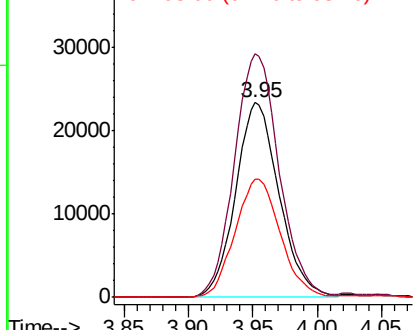
cis-1,2-Dichloroethene
Concen: 25.058 ug/L
RT: 3.95 min Scan# 890
Delta R.T. -0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

Instrument :
MSVOA_V
ClientSampleId :
VICV67

Tgt Ion: 96 Resp: 54866
Ion Ratio Lower Upper
96 100
61 125.0 90.2 167.6
98 60.8 44.2 82.0



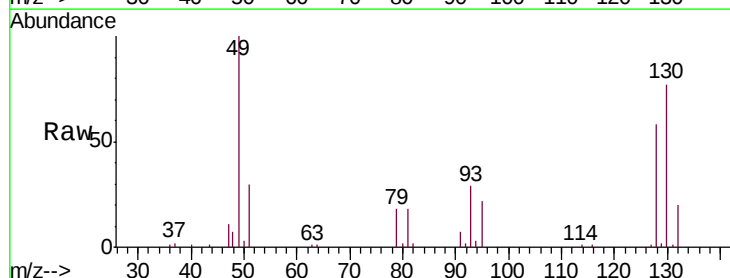
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



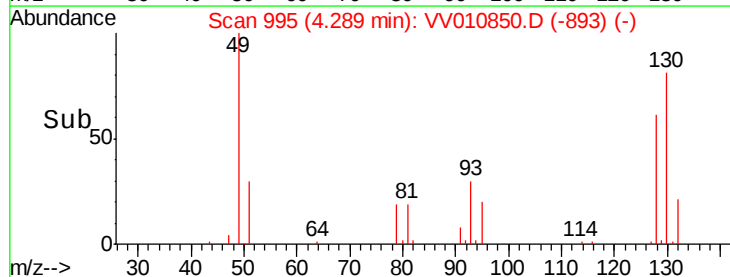
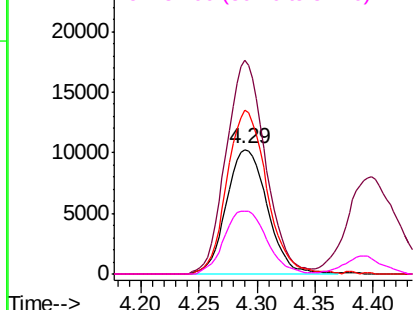
#23

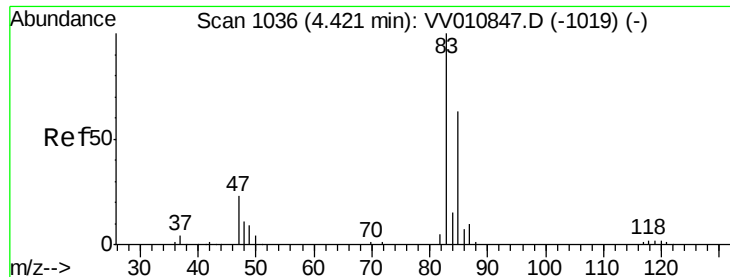
Bromochloromethane
Concen: 24.715 ug/L
RT: 4.29 min Scan# 995
Delta R.T. -0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

Tgt Ion: 128 Resp: 25208
Ion Ratio Lower Upper
128 100
49 171.6 117.8 218.8
130 131.9 88.4 164.2
51 50.7 40.6 60.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VV0
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VV0

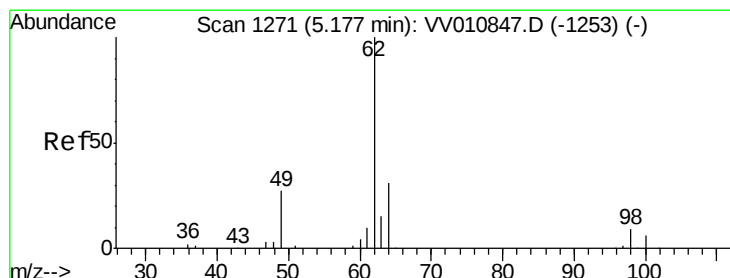
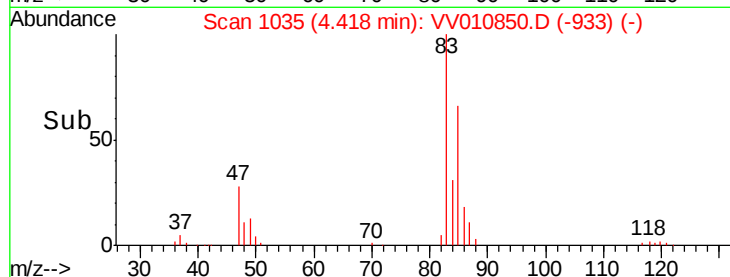
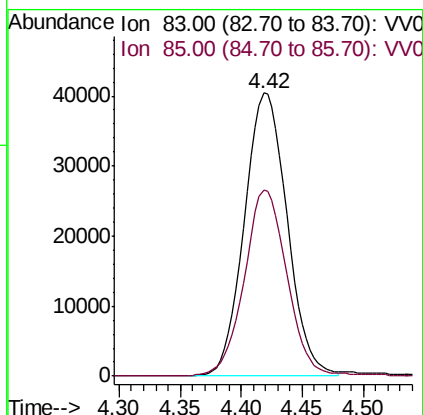
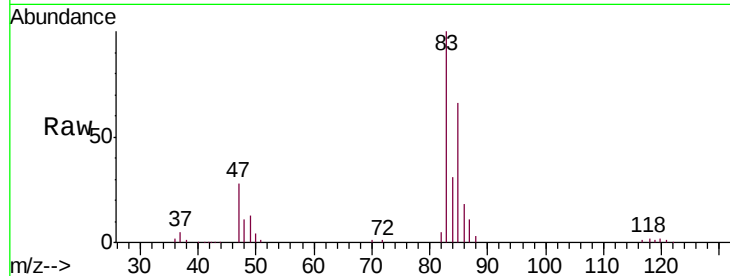




#25
Chloroform
Concen: 25.030 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

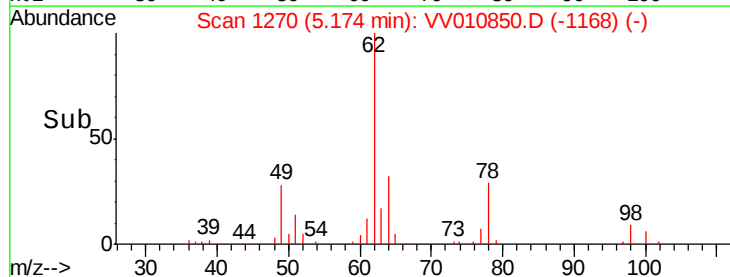
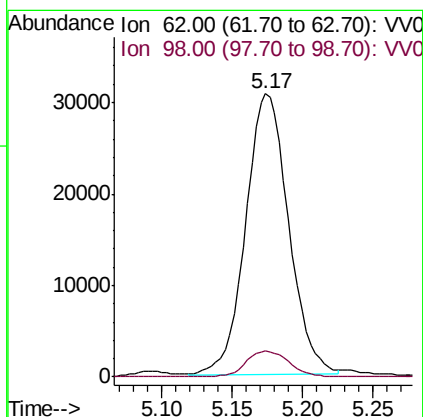
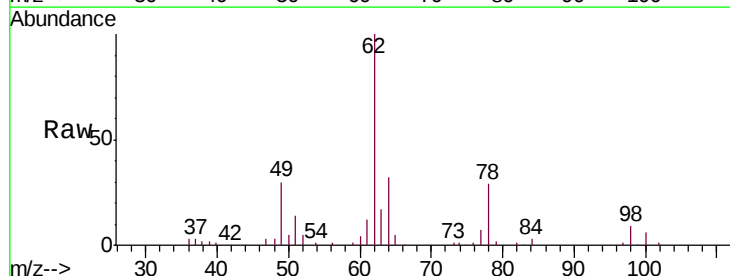
Instrument :
MSVOA_V
ClientSampleId :
VICV67

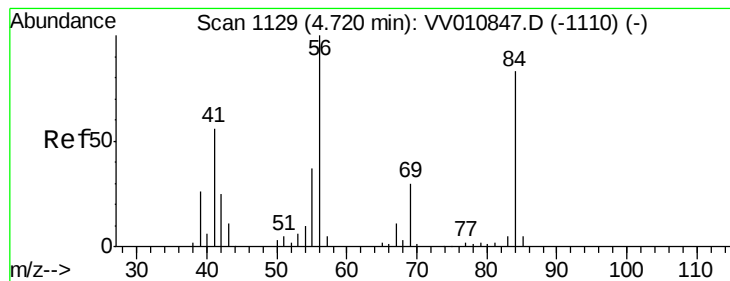
Tgt Ion: 83 Resp: 98356
Ion Ratio Lower Upper
83 100
85 65.5 45.3 84.1



#27
1,2-Dichloroethane
Concen: 23.816 ug/L
RT: 5.17 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

Tgt Ion: 62 Resp: 65297
Ion Ratio Lower Upper
62 100
98 9.0 7.0 10.4





#30

Cyclohexane

Concen: 23.238 ug/L

RT: 4.72 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Instrument :

MSVOA_V

ClientSampleId :

VICV67

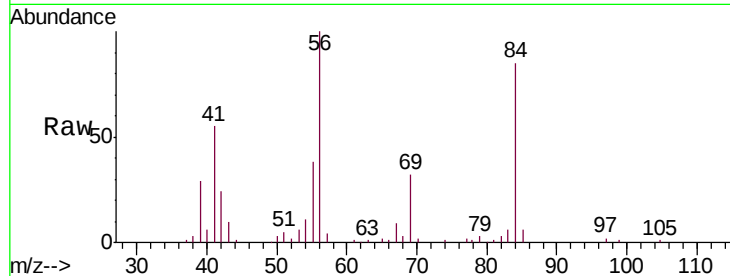
Tgt Ion: 56 Resp: 63613

Ion Ratio Lower Upper

56 100

69 30.4 25.2 37.8

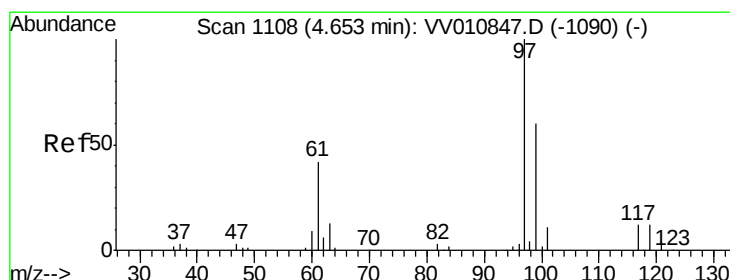
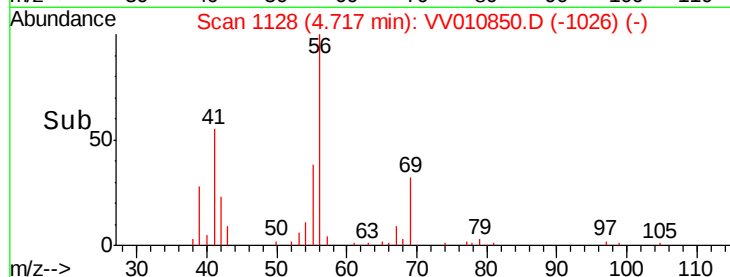
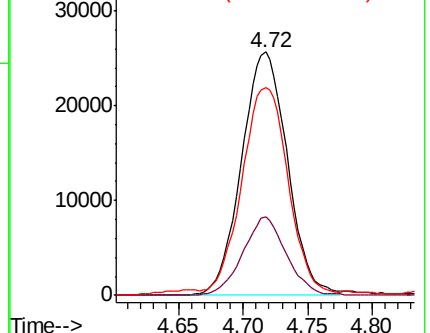
84 85.2 69.0 103.4



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0



#31

1,1,1-Trichloroethane

Concen: 23.655 ug/L

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

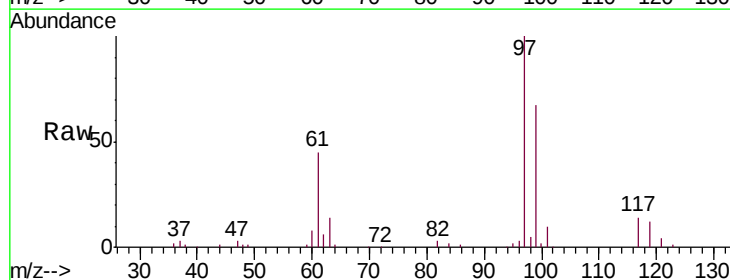
Tgt Ion: 97 Resp: 73152

Ion Ratio Lower Upper

97 100

99 64.4 49.4 74.2

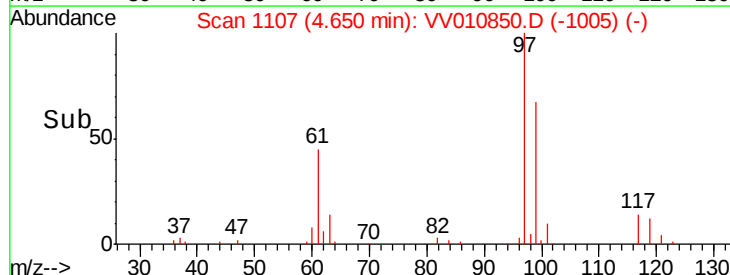
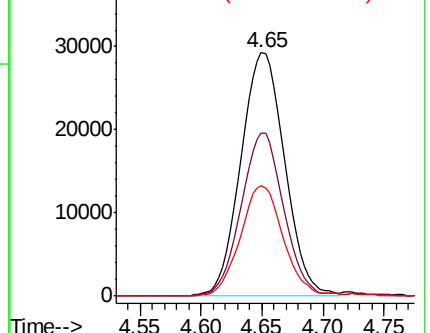
61 43.9 34.6 51.8

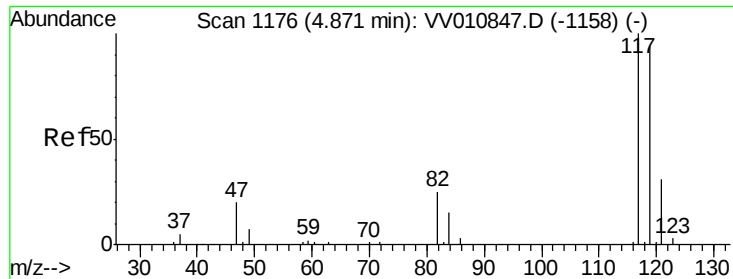


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 61.00 (60.70 to 61.70): VV0





#32

Carbon tetrachloride

Concen: 23.711 ug/L

RT: 4.87 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Instrument :

MSVOA_V

ClientSampleId :

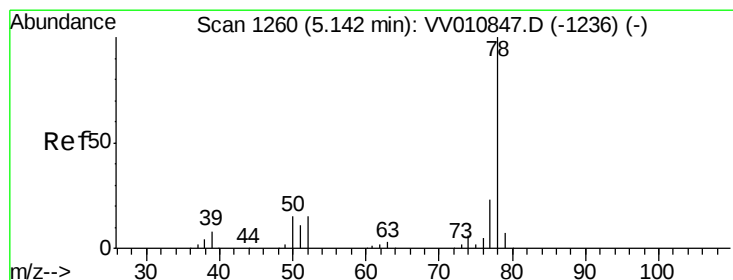
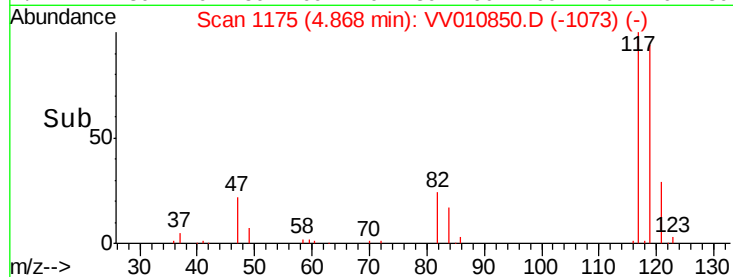
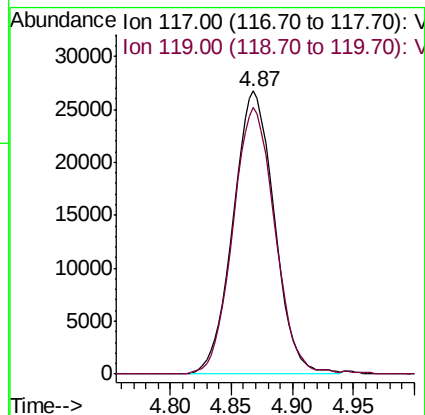
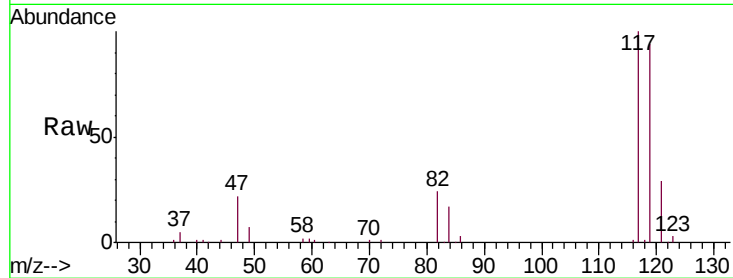
VICV67

Tgt Ion:117 Resp: 62573

Ion Ratio Lower Upper

117 100

119 95.4 76.5 114.7



#34

Benzene

Concen: 24.041 ug/L

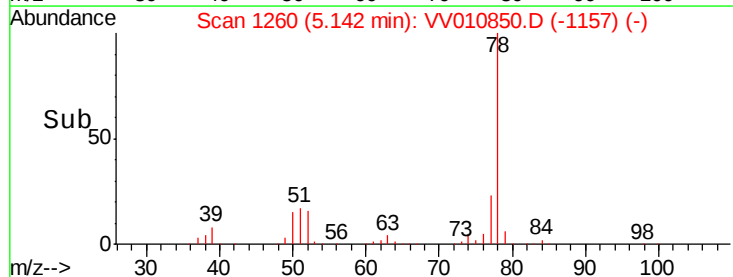
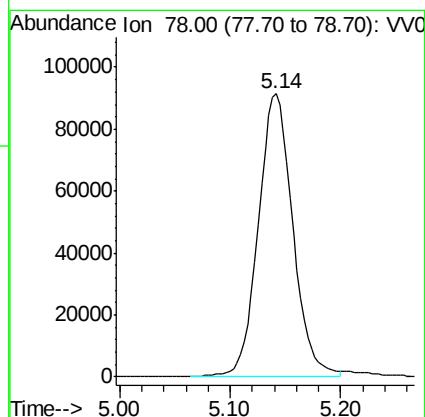
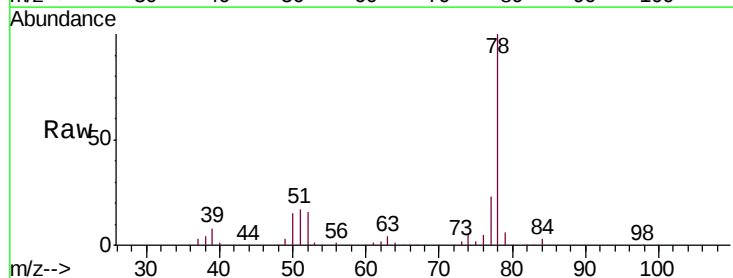
RT: 5.14 min Scan# 1260

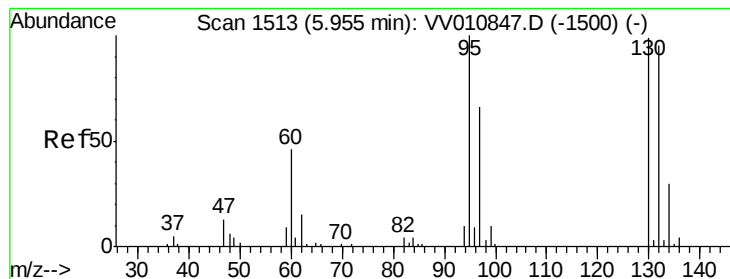
Delta R.T. 0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Tgt Ion: 78 Resp: 199515





#35

Trichloroethene

Concen: 23.672 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Instrument :

MSVOA_V

ClientSampleId :

VICV67

Tgt Ion: 95 Resp: 50917

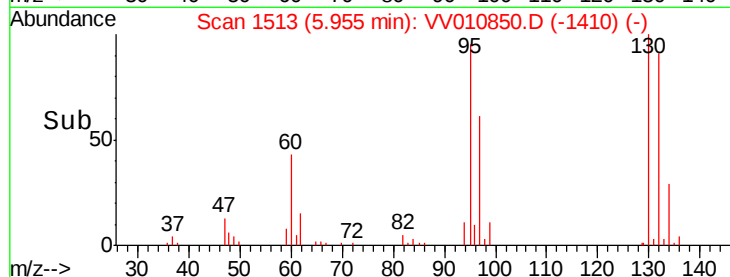
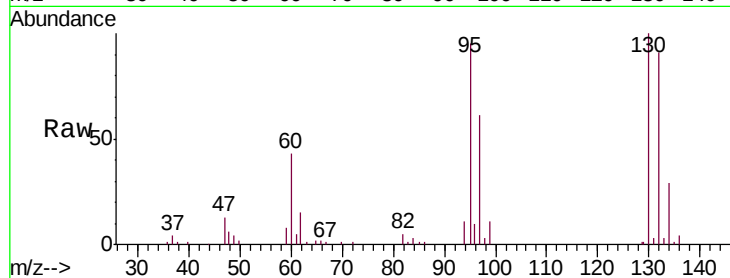
Ion Ratio Lower Upper

95 100

97 64.6 46.0 85.4

132 98.1 67.4 125.2

130 103.8 68.5 127.1



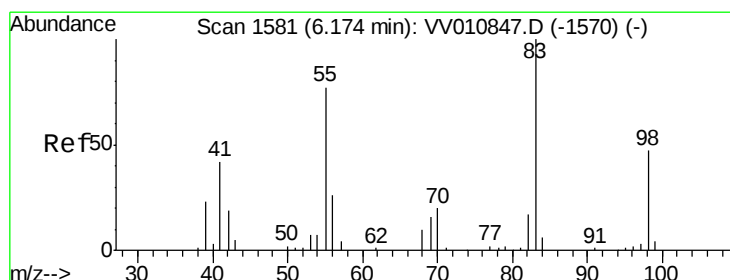
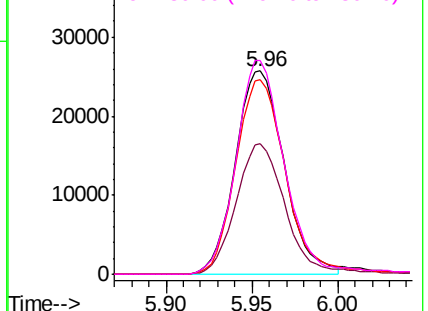
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#36

Methylcyclohexane

Concen: 23.849 ug/L

RT: 6.17 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

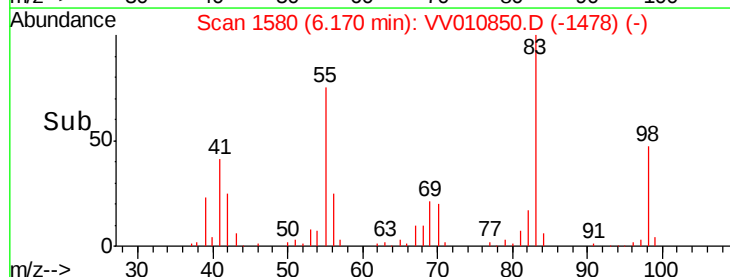
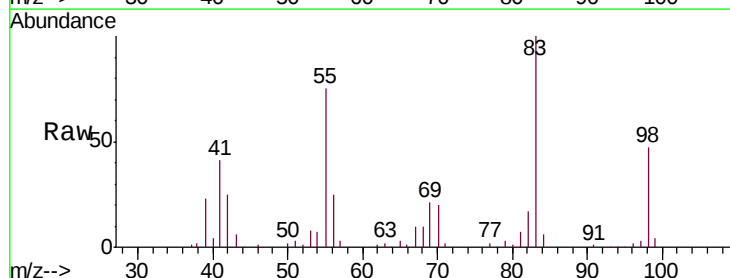
Tgt Ion: 83 Resp: 71383

Ion Ratio Lower Upper

83 100

55 74.6 61.0 91.4

98 45.6 37.2 55.8

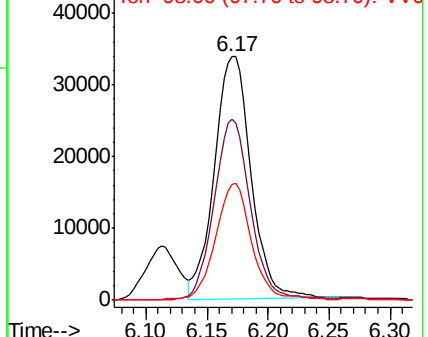


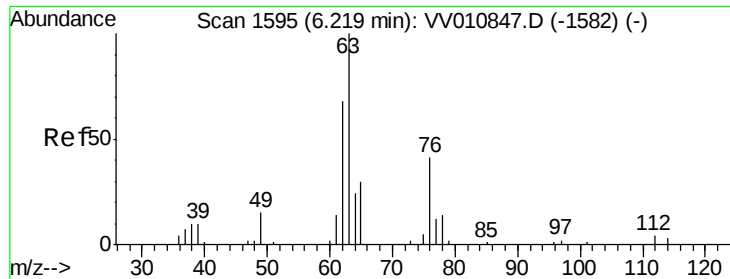
Abundance

Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

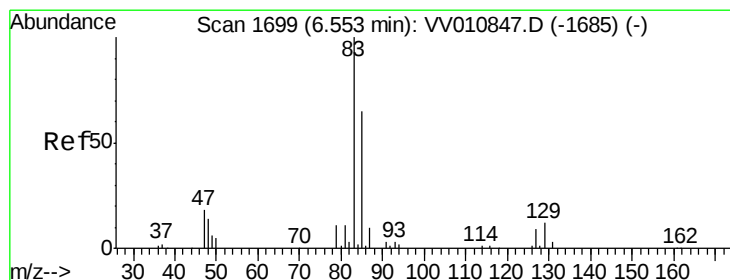
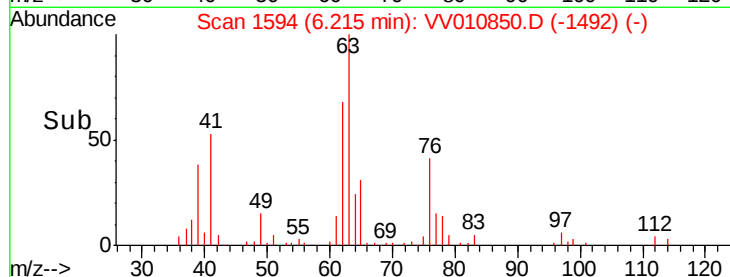
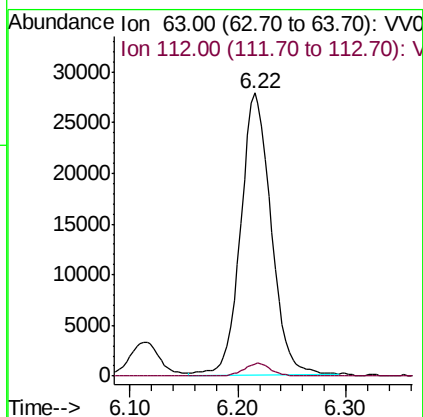
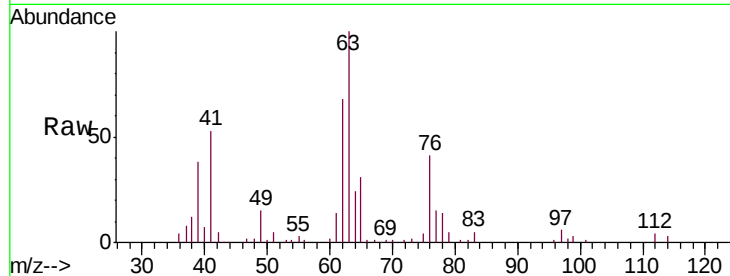




#40
 1,2-Dichloropropane
 Concen: 24.027 ug/L
 RT: 6.22 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: VV010850.D
 Acq: 13 May 2019 21:15

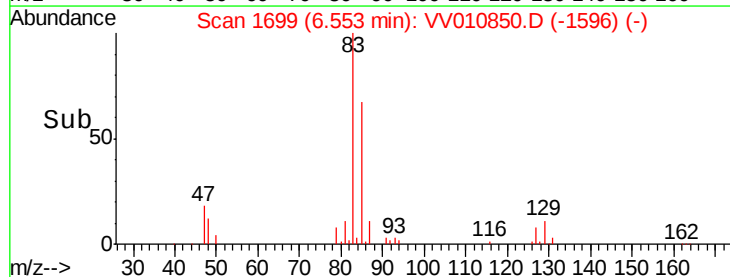
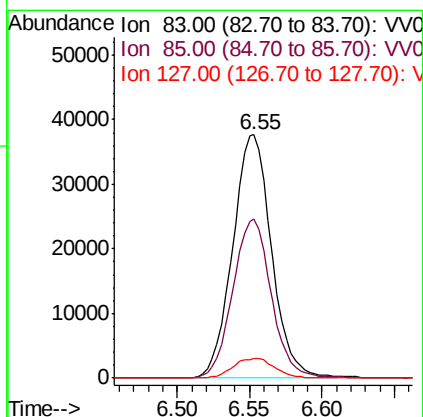
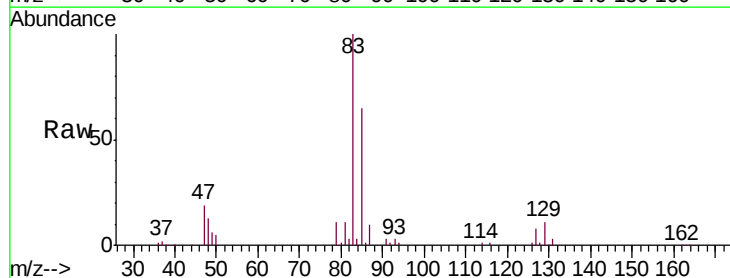
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV67

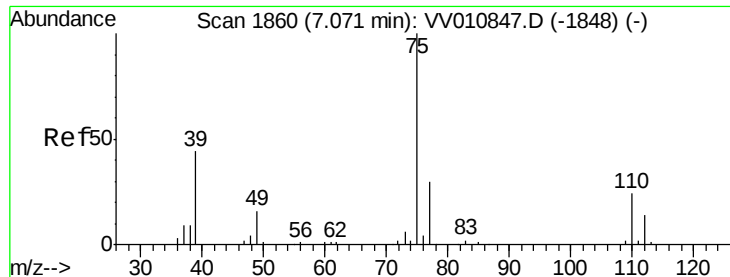
Tgt Ion: 63 Resp: 54310
 Ion Ratio Lower Upper
 63 100
 112 4.0 3.2 4.8



#41
 Bromodichloromethane
 Concen: 24.107 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VV010850.D
 Acq: 13 May 2019 21:15

Tgt Ion: 83 Resp: 69872
 Ion Ratio Lower Upper
 83 100
 85 65.3 45.3 84.1
 127 7.9 7.4 11.2



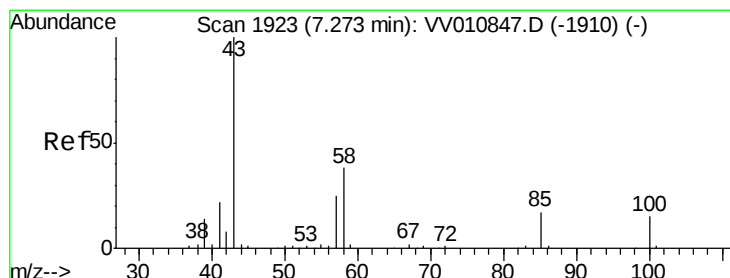
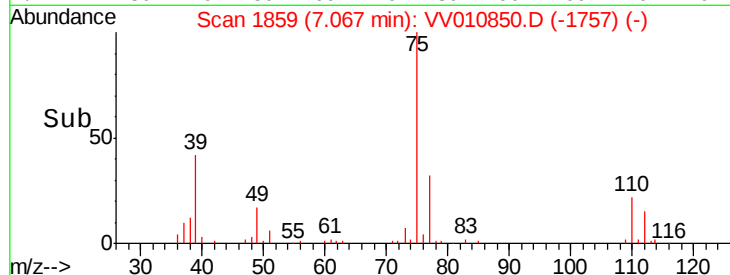
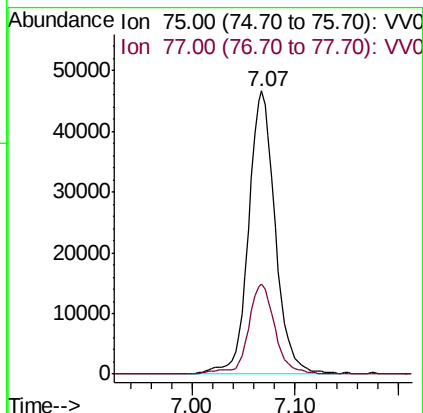
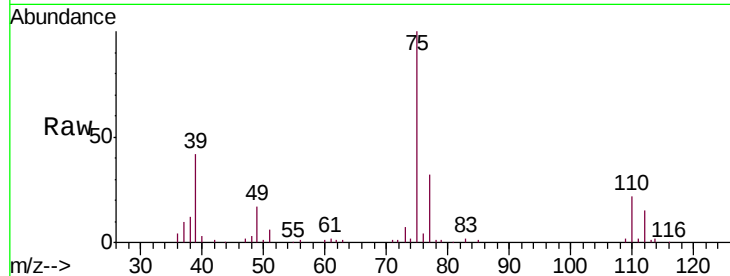


#42

cis-1,3-Dichloropropene
Concen: 25.366 ug/L
RT: 7.07 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

Instrument :
MSVOA_V
ClientSampleId :
VICV67

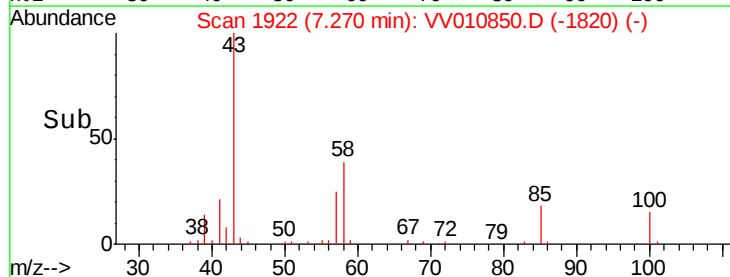
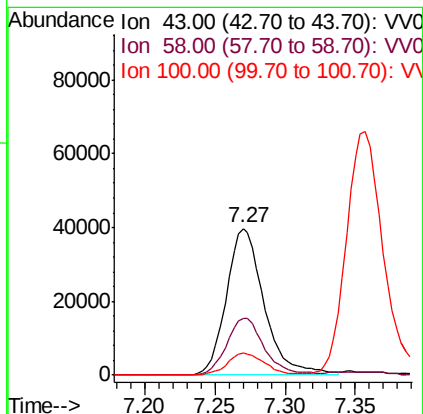
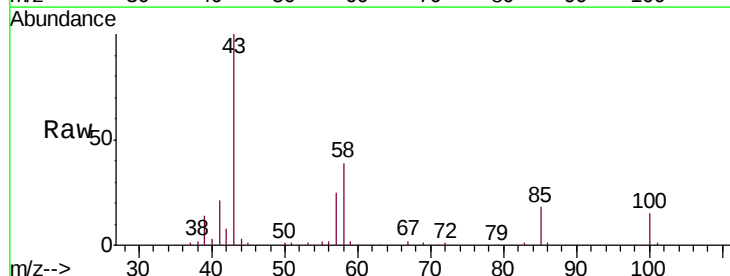
Tgt Ion: 75 Resp: 83649
Ion Ratio Lower Upper
75 100
77 31.6 21.5 39.9

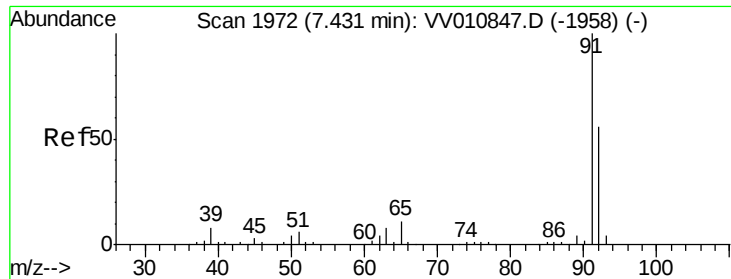


#43

4-Methyl-2-pentanone
Concen: 46.625 ug/L
RT: 7.27 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

Tgt Ion: 43 Resp: 74427
Ion Ratio Lower Upper
43 100
58 38.7 30.0 45.0
100 14.8 11.2 16.8





#44

Toluene

Concen: 24.430 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Instrument :

MSVOA_V

ClientSampleId :

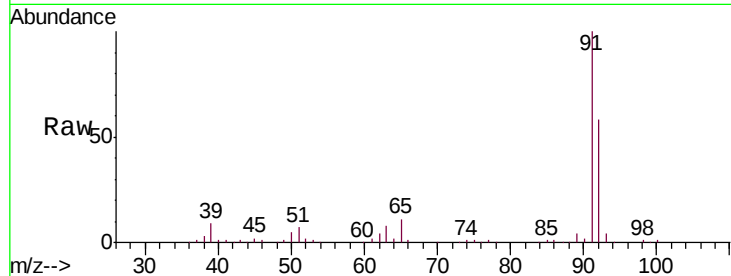
VICV67

Tgt Ion: 91 Resp: 225369

Ion Ratio Lower Upper

91 100

92 58.0 39.1 72.7



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

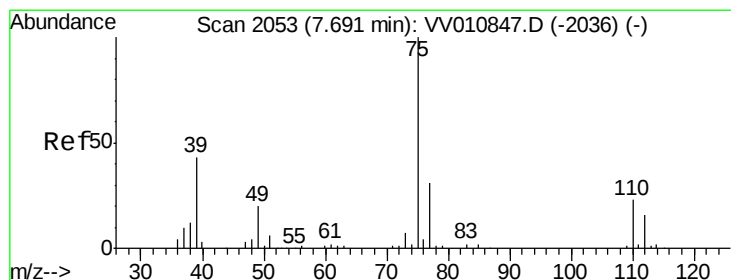
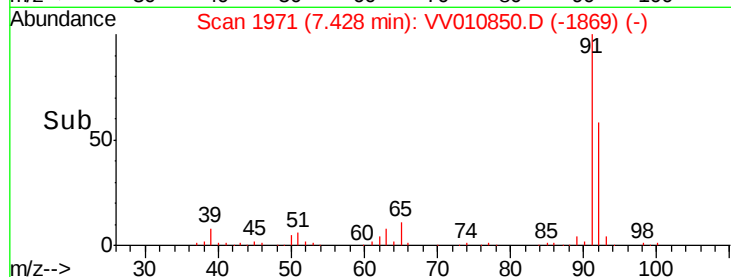
7.43

100000

50000

0

Time-->



#45

trans-1,3-Dichloropropene

Concen: 24.842 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV010850.D

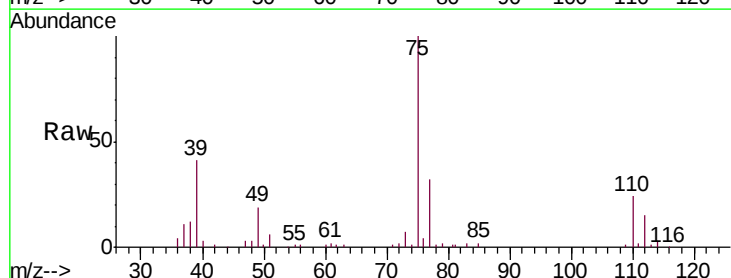
Acq: 13 May 2019 21:15

Tgt Ion: 75 Resp: 69235

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.0



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.69

40000

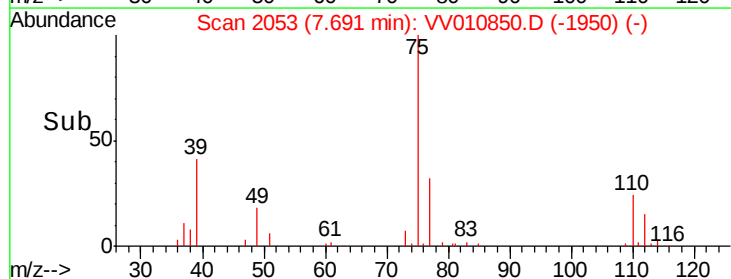
30000

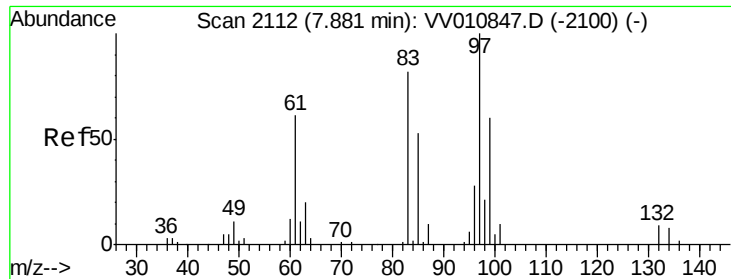
20000

10000

0

Time-->

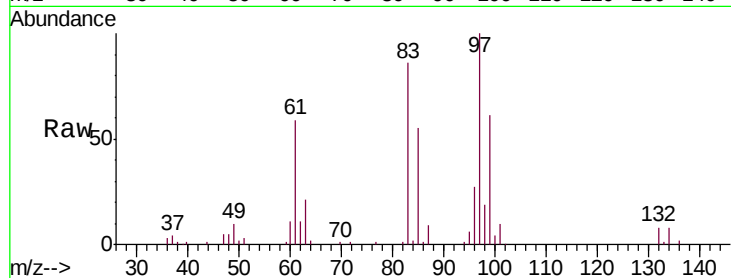




#46
 1,1,2-Trichloroethane
 Concen: 23.881 ug/L
 RT: 7.88 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VV010850.D
 Acq: 13 May 2019 21:15

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV67

Tgt Ion:	97	Resp:	43473
Ion	Ratio	Lower	Upper
97	100		
83	86.4	57.2	106.2
85	55.2	37.4	69.4
99	61.0	42.0	78.0



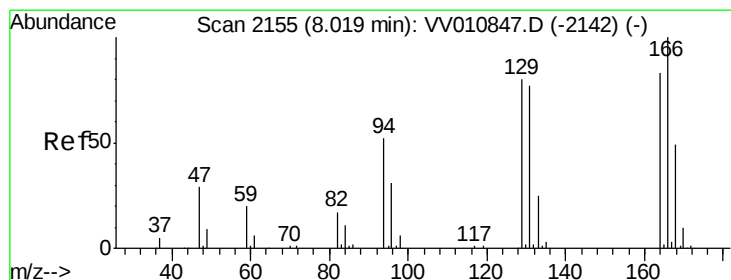
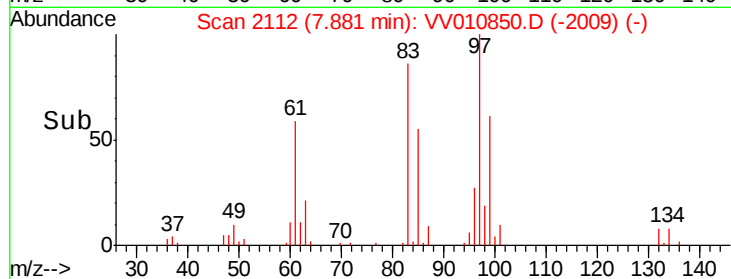
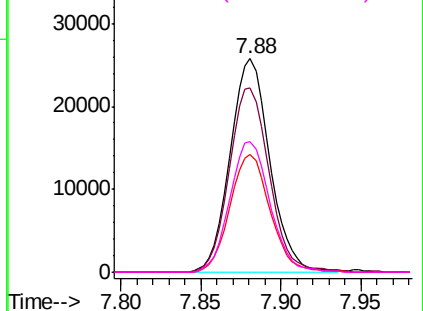
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

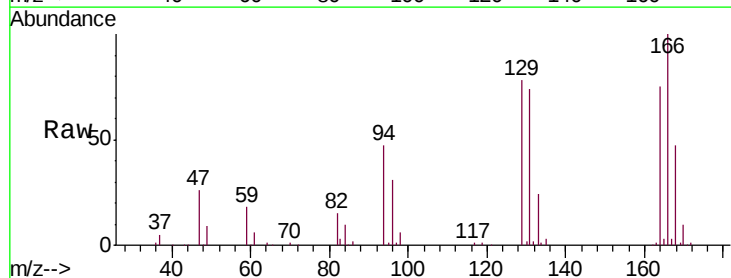
Ion 85.00 (84.70 to 85.70): VV0

Ion 99.00 (98.70 to 99.70): VV0



#47
 Tetrachloroethene
 Concen: 23.343 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV010850.D
 Acq: 13 May 2019 21:15

Tgt Ion:	164	Resp:	37100
Ion	Ratio	Lower	Upper
164	100		
129	104.4	67.6	125.6
131	99.5	65.1	120.9
166	134.1	84.8	157.6



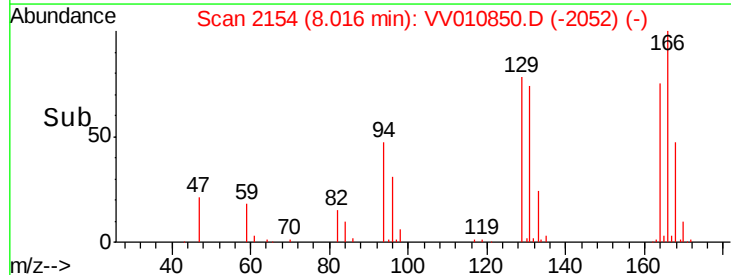
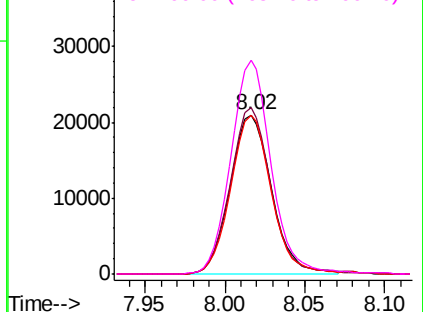
Abundance

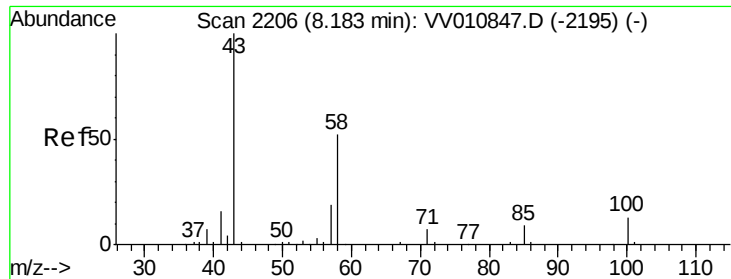
Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

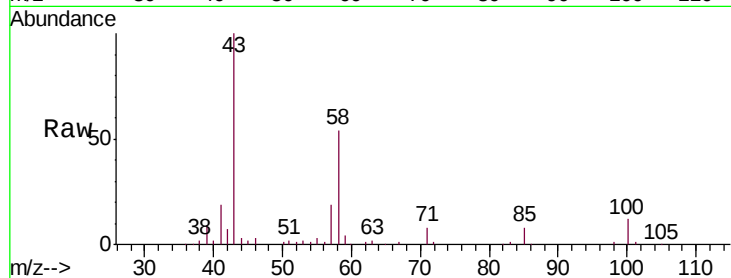




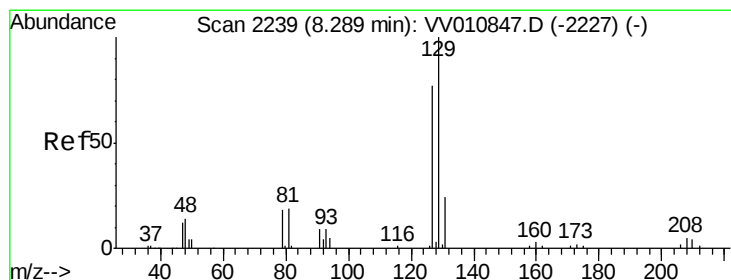
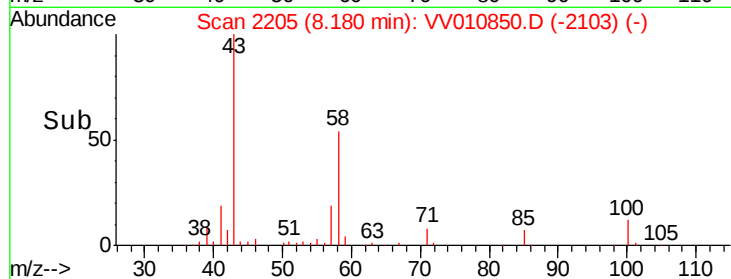
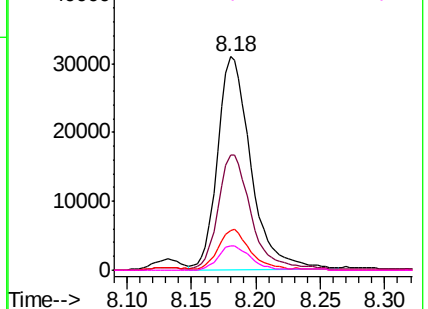
#49
2-Hexanone
Concen: 46.843 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

Instrument :
MSVOA_V
ClientSampleId :
VICV67

Tgt Ion: 43 Resp: 55226
Ion Ratio Lower Upper
43 100
58 52.0 41.0 61.6
57 17.6 14.3 21.5
100 11.5 9.4 14.2

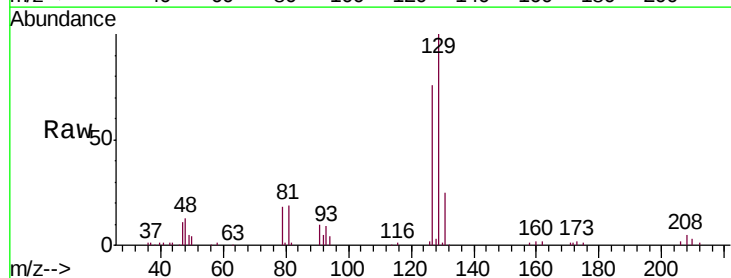


Abundance Ion 43.00 (42.70 to 43.70): VV010847.D (-2195) (-)
Ion 58.00 (57.70 to 58.70): VV010847.D (-2195) (-)
Ion 57.00 (56.70 to 57.70): VV010847.D (-2195) (-)
Ion 100.00 (99.70 to 100.70): VV010847.D (-2195) (-)

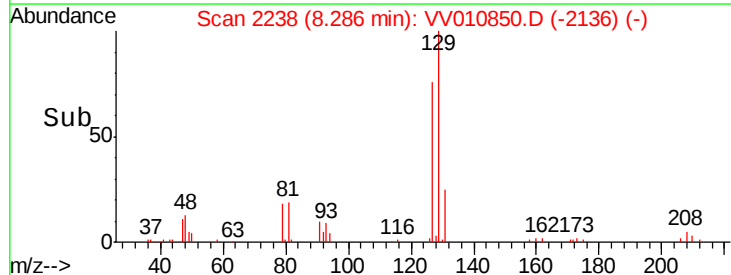
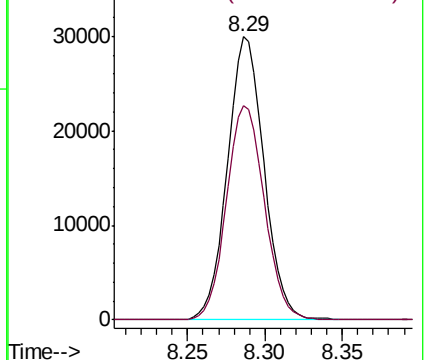


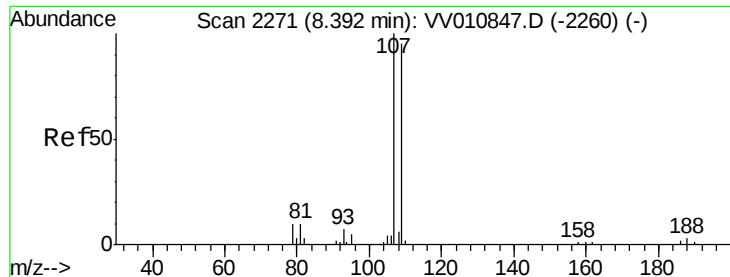
#50
Dibromochloromethane
Concen: 24.234 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

Tgt Ion: 129 Resp: 49071
Ion Ratio Lower Upper
129 100
127 75.8 53.8 100.0



Abundance Ion 129.00 (128.70 to 129.70): VV010847.D (-2227) (-)
Ion 127.00 (126.70 to 127.70): VV010847.D (-2227) (-)

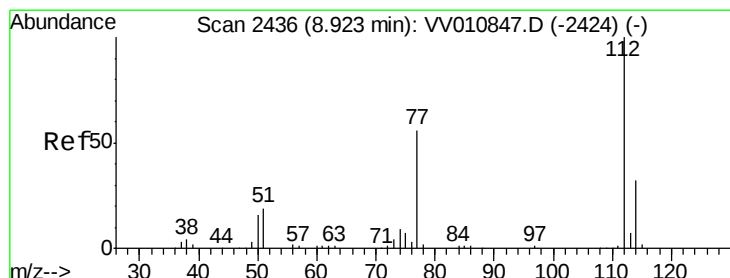
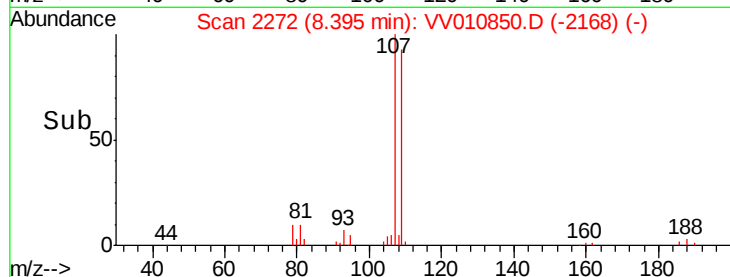
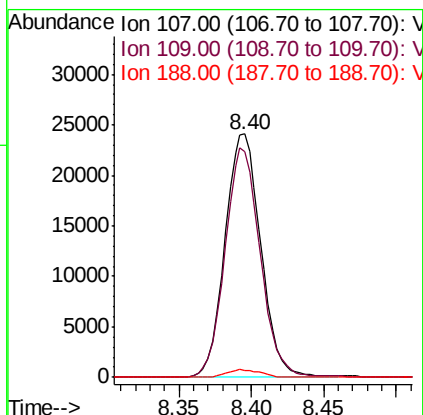
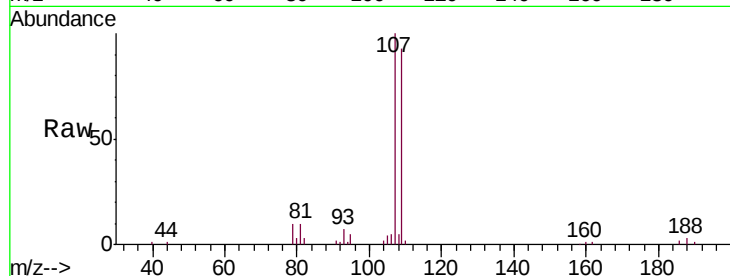




#51
 1,2-Dibromoethane
 Concen: 24.110 ug/L
 RT: 8.40 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV010850.D
 Acq: 13 May 2019 21:15

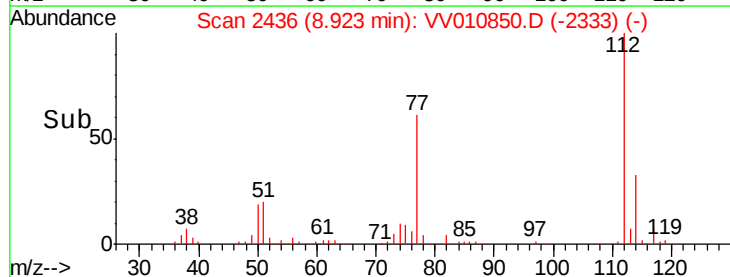
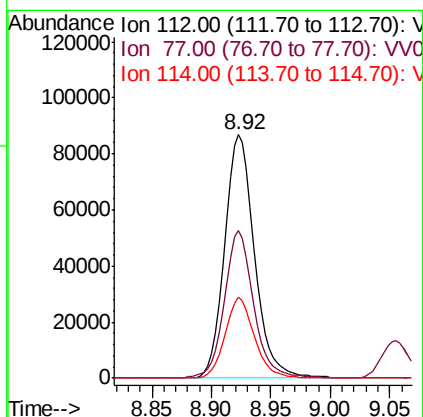
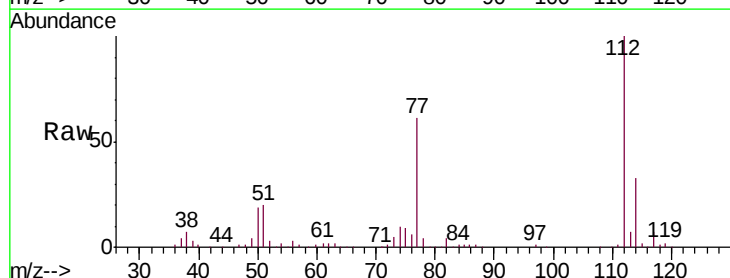
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV67

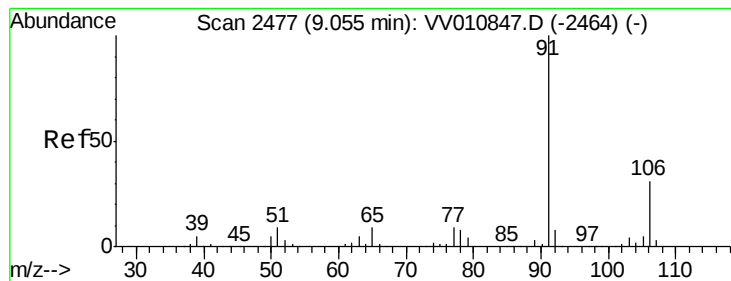
Tgt Ion:107 Resp: 41348
 Ion Ratio Lower Upper
 107 100
 109 92.8 66.7 123.9
 188 3.0 2.7 4.1



#52
 Chlorobenzene
 Concen: 24.029 ug/L
 RT: 8.92 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: VV010850.D
 Acq: 13 May 2019 21:15

Tgt Ion:112 Resp: 150970
 Ion Ratio Lower Upper
 112 100
 77 60.8 45.4 68.0
 114 33.1 22.4 41.6





#53

Ethylbenzene

Concen: 24.773 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Instrument :

MSVOA_V

ClientSampleId :

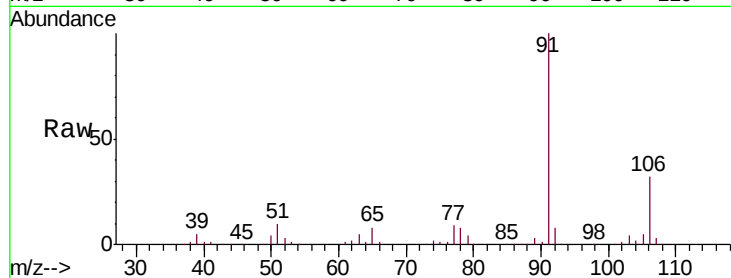
VICV67

Tgt Ion: 91 Resp: 250367

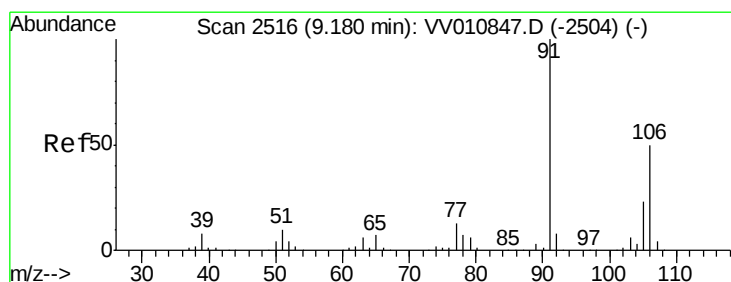
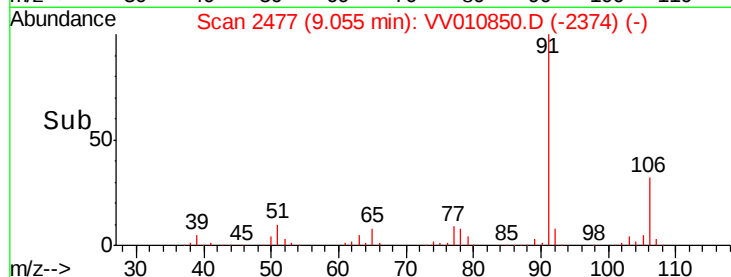
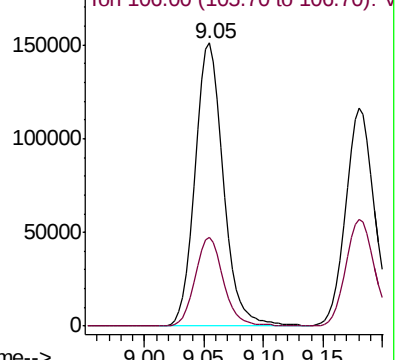
Ion Ratio Lower Upper

91 100

106 31.5 21.9 40.7



Abundance Ion 91.00 (90.70 to 91.70): VV010850.D (-2374) (-)



#54

m,p-Xylene

Concen: 24.477 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV010850.D

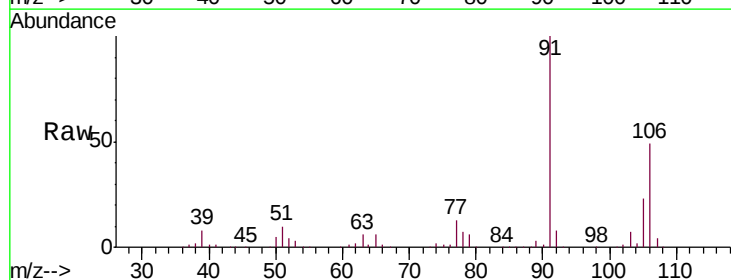
Acq: 13 May 2019 21:15

Tgt Ion: 106 Resp: 97467

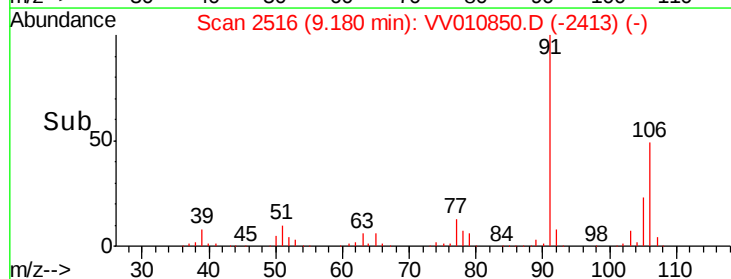
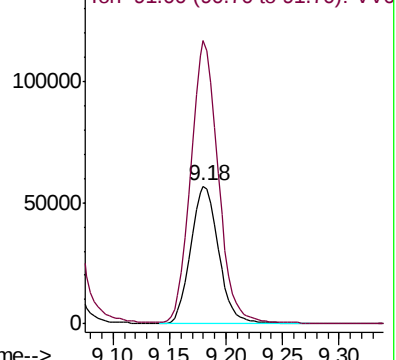
Ion Ratio Lower Upper

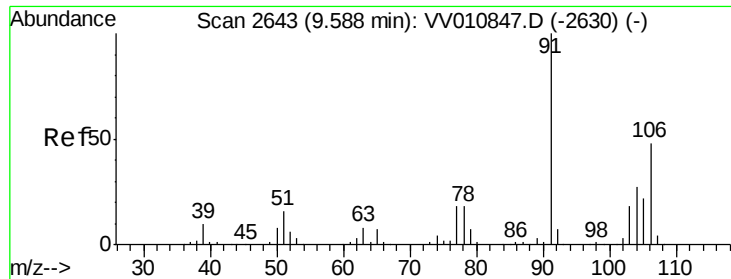
106 100

91 205.5 140.6 261.0



Abundance Ion 106.00 (105.70 to 106.70): VV010850.D (-2413) (-)

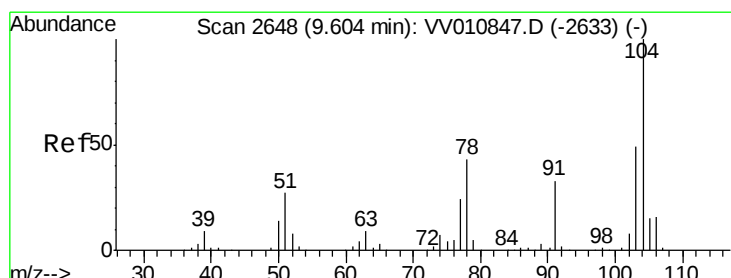
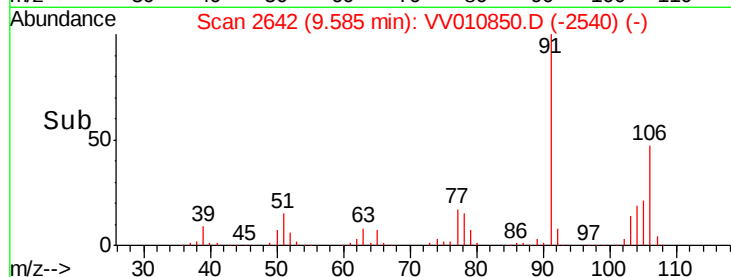
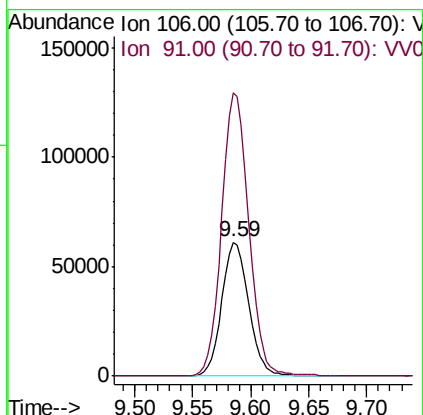
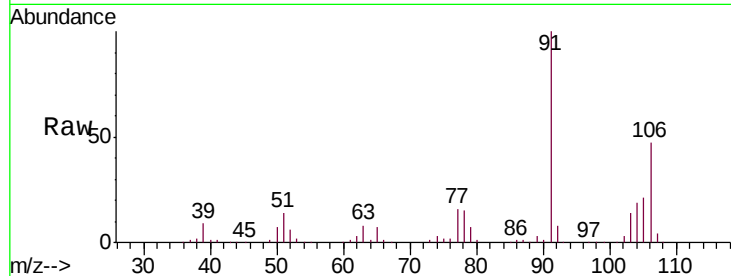




#55
o-xylene
Concen: 25.166 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

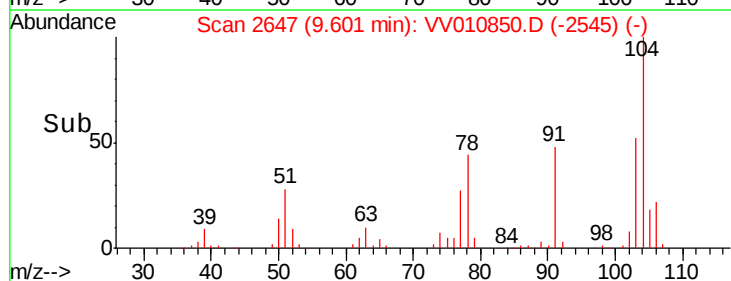
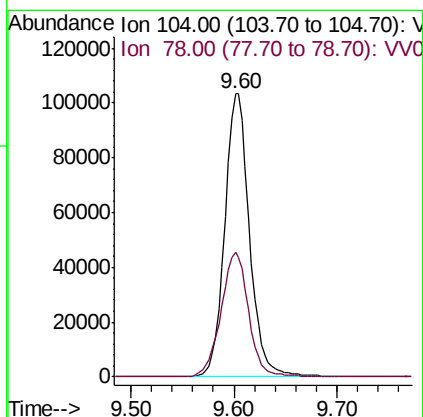
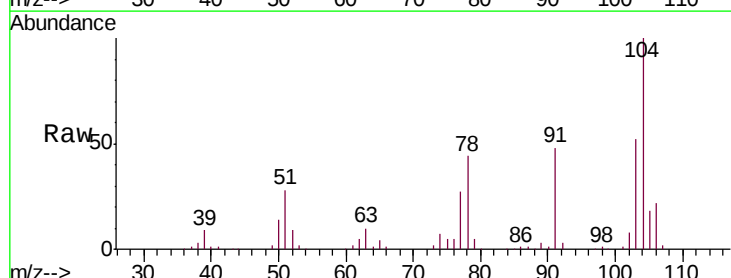
Instrument :
MSVOA_V
ClientSampleId :
VICV67

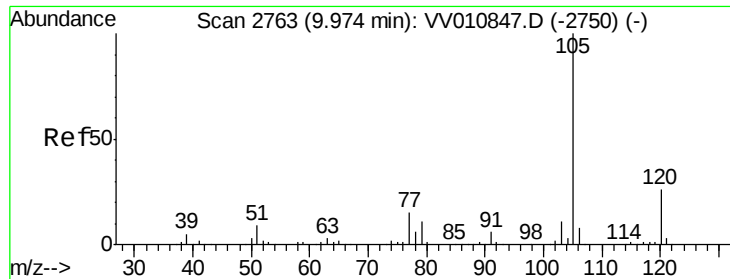
Tgt Ion:106 Resp: 98453
Ion Ratio Lower Upper
106 100
91 211.8 146.9 272.9



#56
Styrene
Concen: 25.805 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. -0.00 min
Lab File: VV010850.D
Acq: 13 May 2019 21:15

Tgt Ion:104 Resp: 173105
Ion Ratio Lower Upper
104 100
78 43.8 30.0 55.8





#57

Isopropylbenzene

Concen: 25.190 ug/L

RT: 9.97 min Scan# 2763

Delta R.T. 0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

Instrument :

MSVOA_V

ClientSampleId :

VICV67

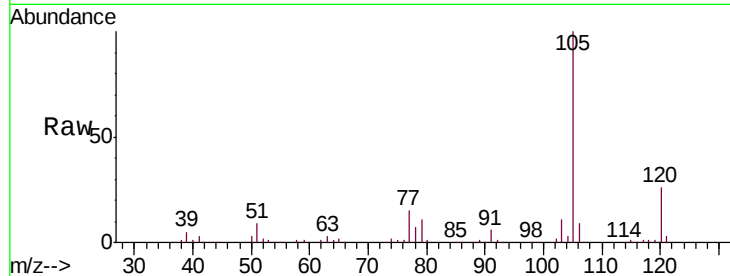
Tgt Ion: 105 Resp: 246684

Ion Ratio Lower Upper

105 100

120 25.7 21.0 31.4

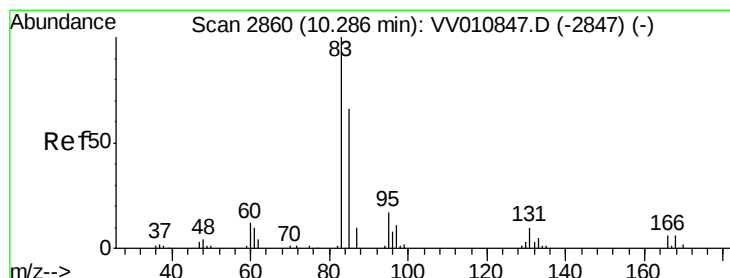
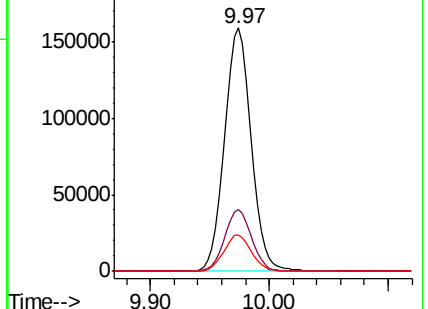
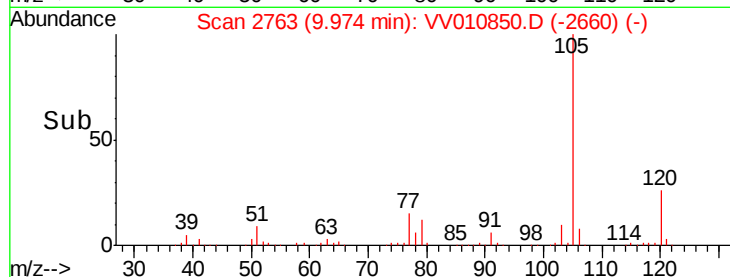
77 15.4 12.2 18.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 22.854 ug/L

RT: 10.29 min Scan# 2860

Delta R.T. 0.00 min

Lab File: VV010850.D

Acq: 13 May 2019 21:15

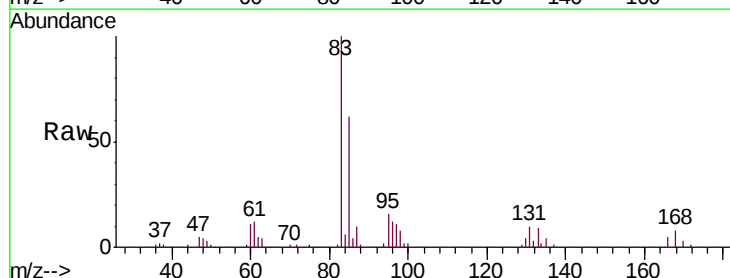
Tgt Ion: 83 Resp: 54944

Ion Ratio Lower Upper

83 100

85 62.1 46.7 86.7

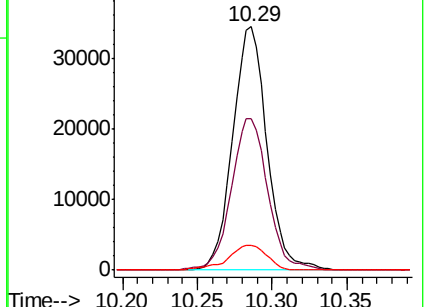
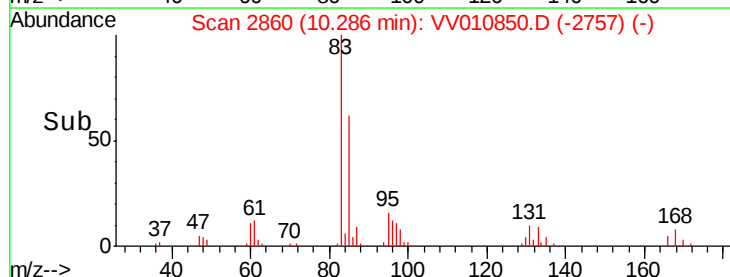
131 10.4 8.5 12.7

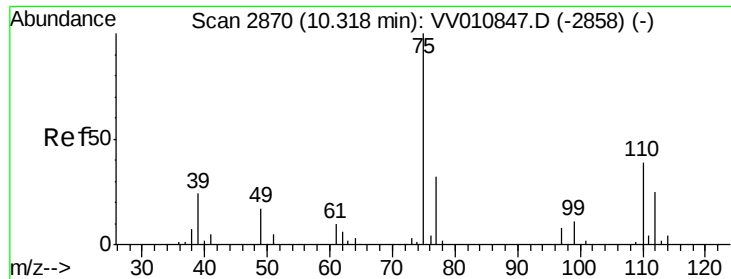


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V

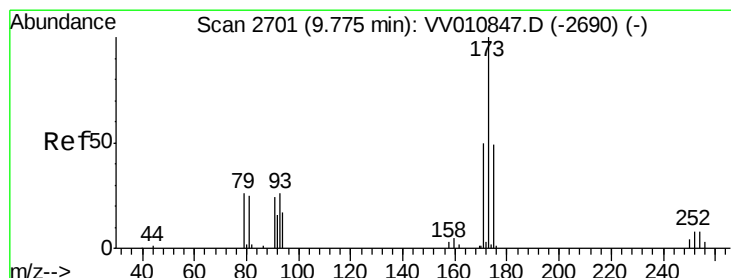
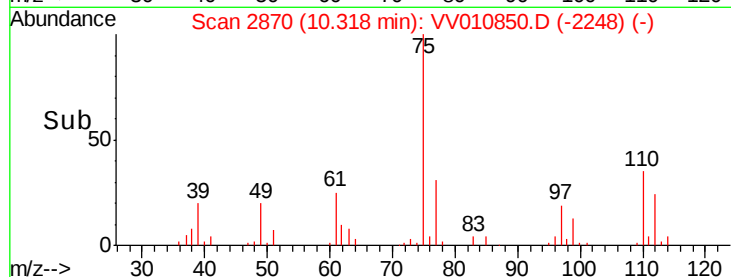
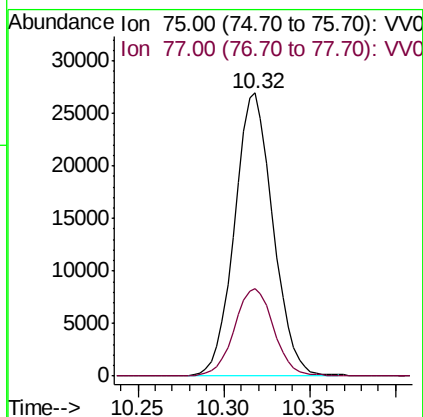
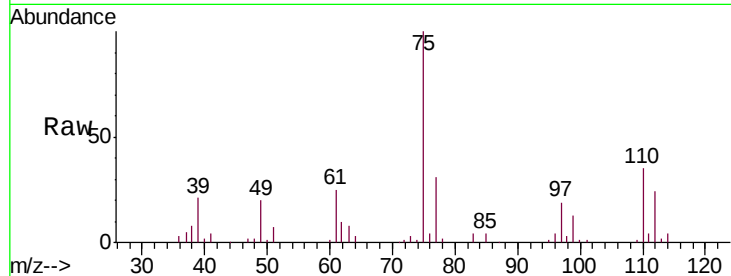




#59
 1,2,3-Trichloropropane
 Concen: 24.117 ug/L
 RT: 10.32 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VV010850.D
 Acq: 13 May 2019 21:15

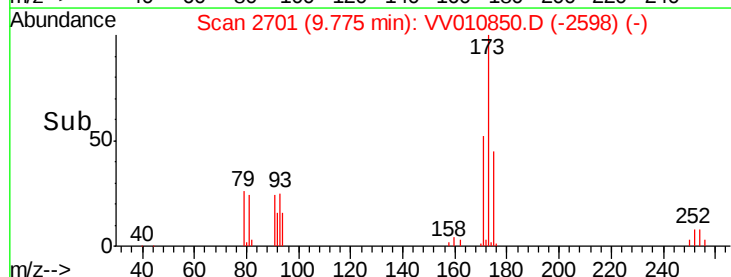
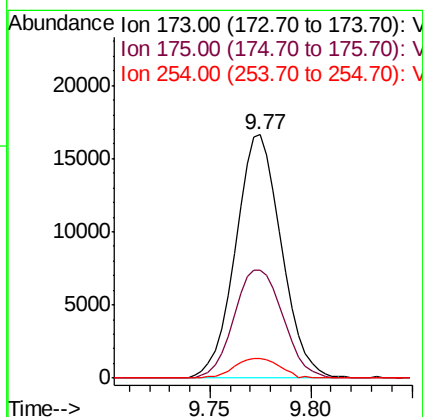
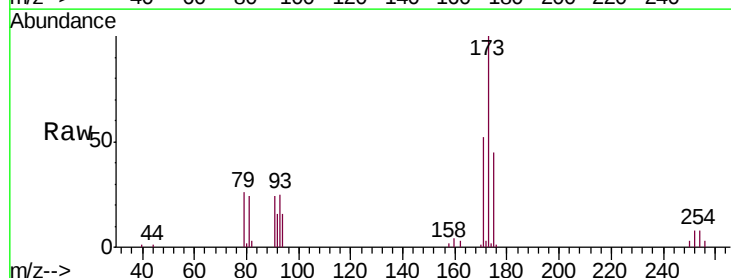
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV67

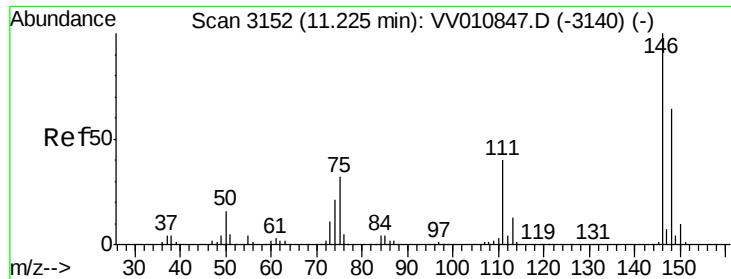
Tgt Ion: 75 Resp: 42010
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.4 39.6



#62
 Bromoform
 Concen: 24.359 ug/L
 RT: 9.77 min Scan# 2701
 Delta R.T. 0.00 min
 Lab File: VV010850.D
 Acq: 13 May 2019 21:15

Tgt Ion: 173 Resp: 26467
 Ion Ratio Lower Upper
 173 100
 175 47.4 38.1 57.1
 254 7.9 5.4 8.2

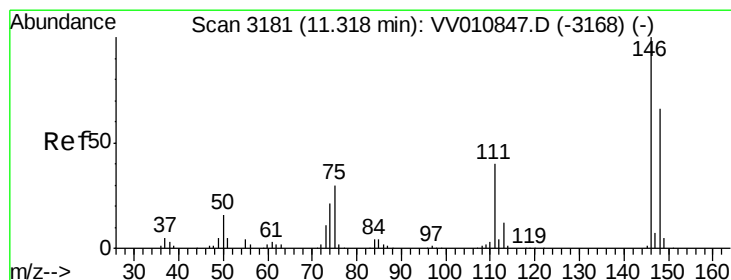
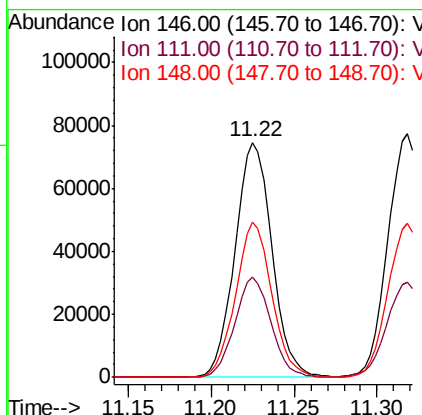
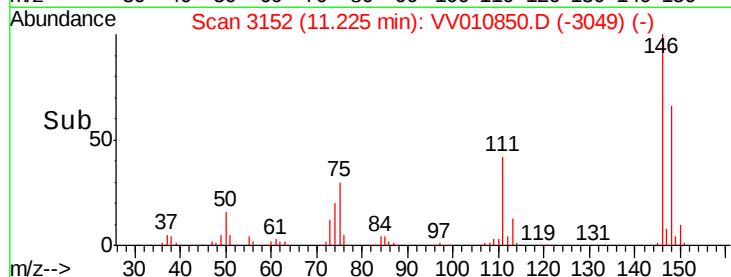
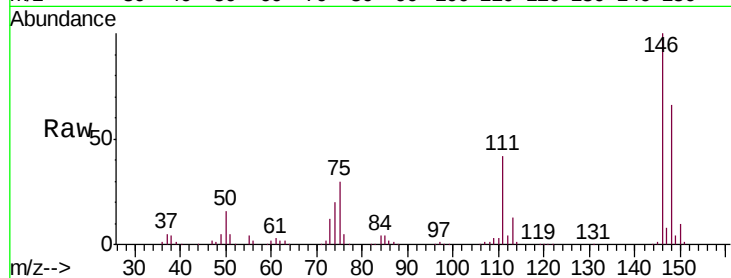




#63
 1,3-Dichlorobenzene
 Concen: 24.035 ug/L
 RT: 11.22 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: VV010850.D
 Acq: 13 May 2019 21:15

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV67

Tgt Ion:146 Resp: 115593
 Ion Ratio Lower Upper
 146 100
 111 42.4 28.1 52.1
 148 66.0 44.4 82.5



#64
 1,4-Dichlorobenzene
 Concen: 24.210 ug/L
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV010850.D
 Acq: 13 May 2019 21:15

Tgt Ion:146 Resp: 120619
 Ion Ratio Lower Upper
 146 100
 111 39.3 27.9 51.7
 148 63.3 45.9 85.3

