

Data File : VV013603.D
Acq On : 13 Nov 2019 13:44
Operator : SY/MD
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV35

Quant Time: Nov 14 06:12:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 14 06:01:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	444224	5.00	ug/L	-0.04
28) Chlorobenzene-d5	8.91	117	435038	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	235192	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.35	65	143976	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.61	69	115835	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.80%
11) 1,1-Dichloroethene-d2	2.15	63	255140	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.40%
20) 2-Butanone-d5	4.03	46	256712	50.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.48%
24) Chloroform-d	4.42	84	251634	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.09	65	113512	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	478030	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.13	67	177945	4.95	ug/L	-0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.40	98	539723	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.70	79	62186	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.16	63	246562	46.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	120996	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	195613	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.17	85	229084	5.543 ug/L	98
3) Chloromethane	1.28	50	206166	5.526 ug/L	99
5) Vinyl chloride	1.35	62	196440	5.408 ug/L	99
6) Bromomethane	1.56	94	113579	5.668 ug/L	99
8) Chloroethane	1.63	64	110151	5.597 ug/L	99
9) Trichlorofluoromethane	1.79	101	271504	5.548 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.16	101	149025	5.363 ug/L	98
12) 1,1-Dichloroethene	2.16	96	139827	5.415 ug/L	94
13) Acetone	2.29	43	180647	54.674 ug/L #	64
14) Carbon disulfide	2.34	76	399313	5.348 ug/L	100
15) Methyl Acetate	2.51	43	54121	5.689 ug/L	90
16) Methylene chloride	2.56	84	147800	5.267 ug/L	100
17) Methyl tert-butyl Ether	2.85	73	334103	5.528 ug/L	99
18) trans-1,2-Dichloroethene	2.82	96	153317	5.547 ug/L	96
19) 1,1-Dichloroethane	3.26	63	275255	5.567 ug/L	99
21) 2-Butanone	4.12	43	319267	52.201 ug/L	99
22) cis-1,2-Dichloroethene	3.99	96	169301	5.582 ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.32	128	72417	5.382	ug/L	99
25) Chloroform	4.45	83	297102	4.801	ug/L	98
27) 1,2-Dichloroethane	5.19	62	157685	4.634	ug/L	98
29) 1,1,1-Trichloroethane	4.67	97	247369	5.271	ug/L	98
30) Cyclohexane	4.72	56	237715	5.099	ug/L	99
31) Carbon tetrachloride	4.87	117	219227	5.207	ug/L	100
33) Benzene	5.14	78	573243	4.510	ug/L	100
34) Trichloroethene	5.95	95	187417	5.254	ug/L	98
35) Methylcyclohexane	6.17	83	321131	6.195	ug/L	88
37) 1,2-Dichloropropane	6.23	63	172212	5.247	ug/L #	96
38) Bromodichloromethane	6.58	83	226093	5.036	ug/L	100
39) cis-1,3-Dichloropropene	7.12	75	228746	5.040	ug/L	98
40) 4-Methyl-2-pentanone	7.32	43	990036	53.941	ug/L	100
42) Toluene	7.47	91	749648	5.431	ug/L	99
44) trans-1,3-Dichloropropene	7.73	75	179861	5.180	ug/L	98
45) 1,1,2-Trichloroethane	7.91	97	118523	5.038	ug/L	97
47) Tetrachloroethene	8.05	164	163183	5.029	ug/L	99
48) 2-Hexanone	8.21	43	744714	57.671	ug/L	97
49) Dibromochloromethane	8.31	129	146588	4.960	ug/L	100
50) 1,2-Dibromoethane	8.42	107	107978	5.023	ug/L	94
51) Chlorobenzene	8.94	112	467381	5.167	ug/L	99
52) Ethylbenzene	9.07	91	753013	5.206	ug/L	100
53) m,p-xylene	9.19	106	293490	5.326	ug/L	98
54) o-xylene	9.59	106	273181	5.306	ug/L	98
55) Styrene	9.61	104	510710	5.692	ug/L	99
56) Isopropylbenzene	9.98	105	767108	5.550	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	127633	4.942	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	102408	5.122	ug/L	99
61) Bromoform	9.78	173	89312	5.057	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	403124	5.311	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	399805	5.145	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	360523	5.138	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	19735	4.596	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	303594	4.932	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	228226	4.795	ug/L	99
69) Naphthalene	13.55	128	285447	4.750	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	221315	5.001	ug/L	100

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

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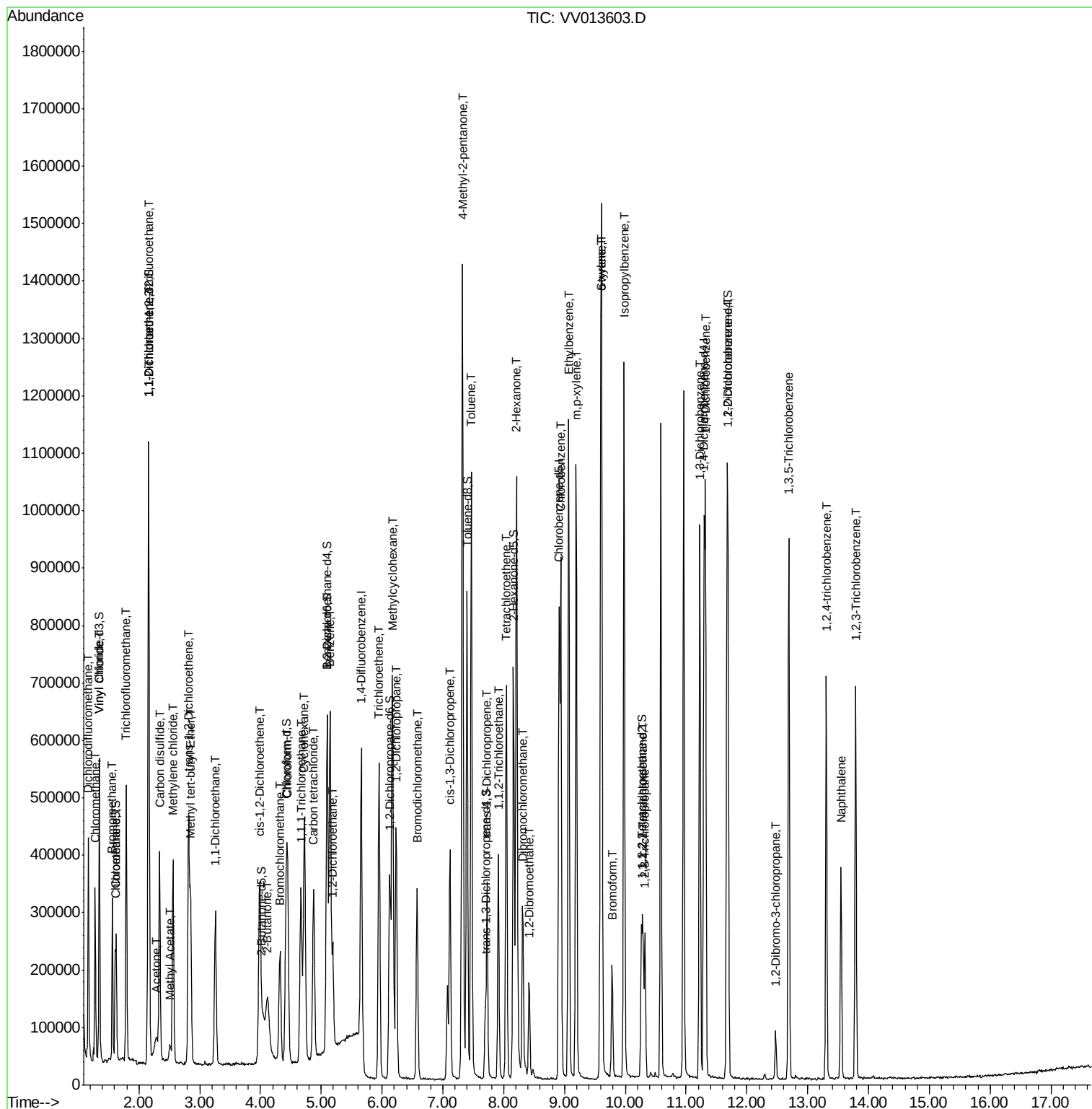
Quant Time: Nov 14 06:12:28 2019

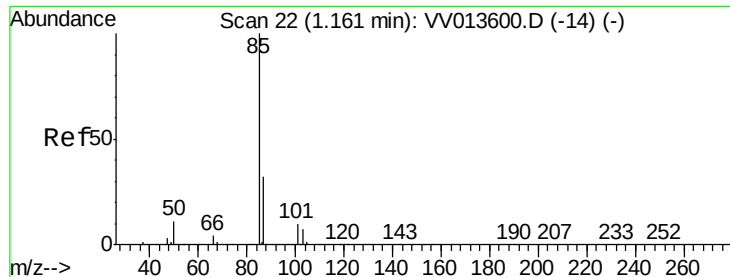
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR111319WMA.M

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#2

Dichlorodifluoromethane

Concen: 5.543 ug/L

RT: 1.17 min Scan# 24

Delta R.T. 0.01 min

Lab File: VV013603.D

Acq: 13 Nov 2019 13:44

Instrument :

MSVOA_V

ClientSampleId :

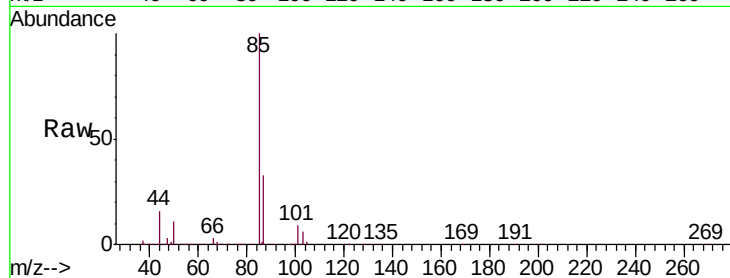
VICV35

Tgt Ion: 85 Resp: 229084

Ion Ratio Lower Upper

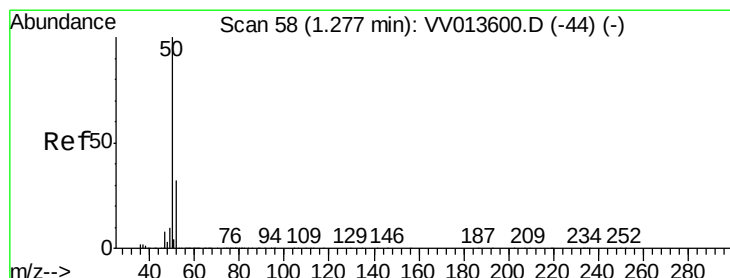
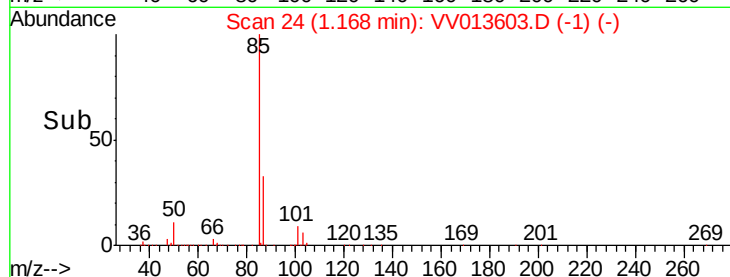
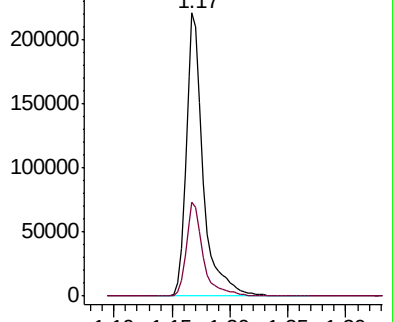
85 100

87 33.2 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VV013603.D (-14) (-)

Ion 87.00 (86.70 to 87.70): VV013603.D (-14) (-)



#3

Chloromethane

Concen: 5.526 ug/L

RT: 1.28 min Scan# 59

Delta R.T. 0.00 min

Lab File: VV013603.D

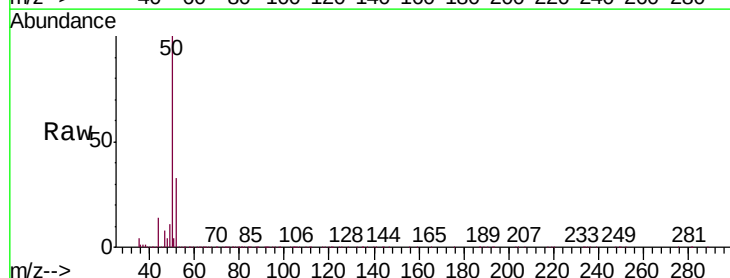
Acq: 13 Nov 2019 13:44

Tgt Ion: 50 Resp: 206166

Ion Ratio Lower Upper

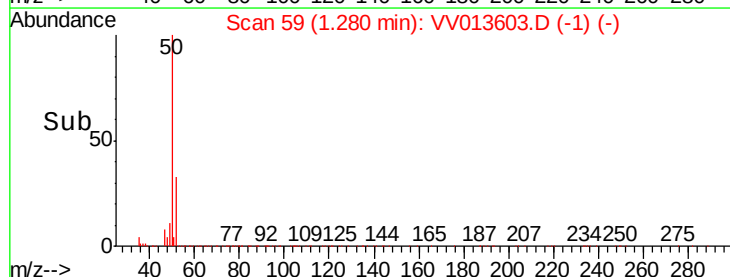
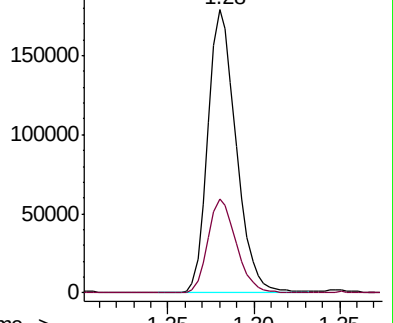
50 100

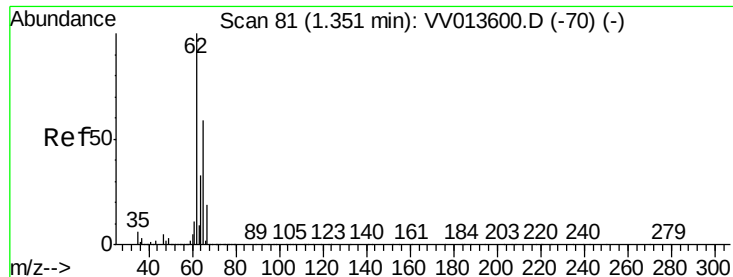
52 33.0 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV013603.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV013603.D (-1) (-)





#5

Vinyl chloride

Concen: 5.408 ug/L

RT: 1.35 min Scan# 81

Delta R.T. -0.00 min

Lab File: VV013603.D

Acq: 13 Nov 2019 13:44

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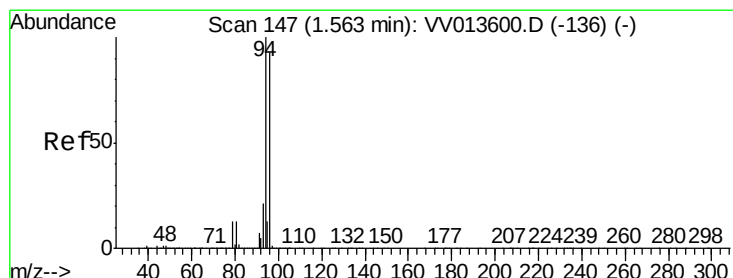
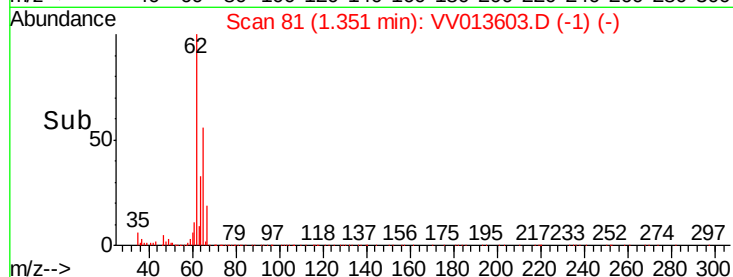
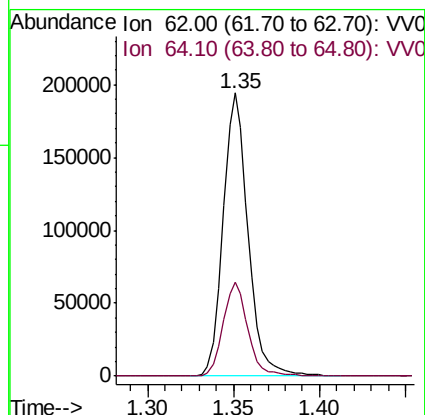
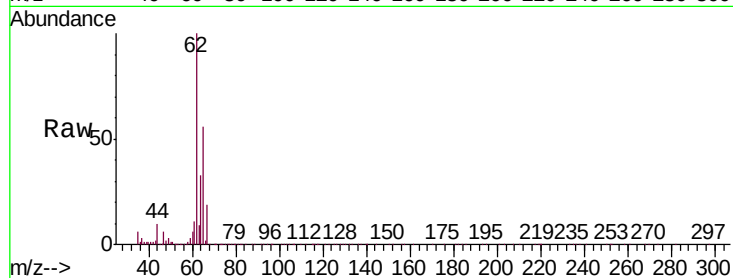
VICV35

Tgt Ion: 62 Resp: 196440

Ion Ratio Lower Upper

62 100

64 33.3 23.0 42.8



#6

Bromomethane

Concen: 5.668 ug/L

RT: 1.56 min Scan# 147

Delta R.T. -0.00 min

Lab File: VV013603.D

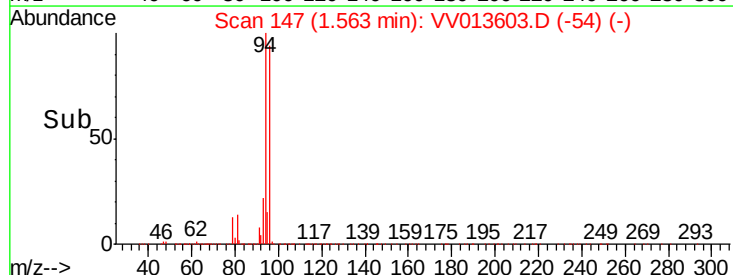
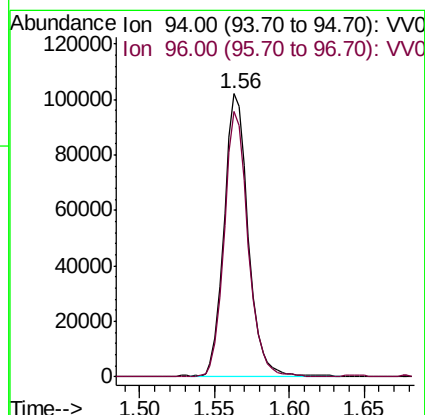
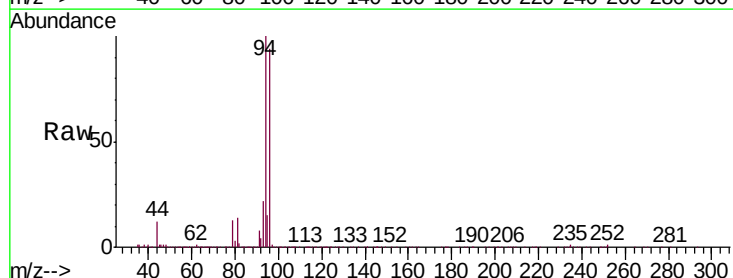
Acq: 13 Nov 2019 13:44

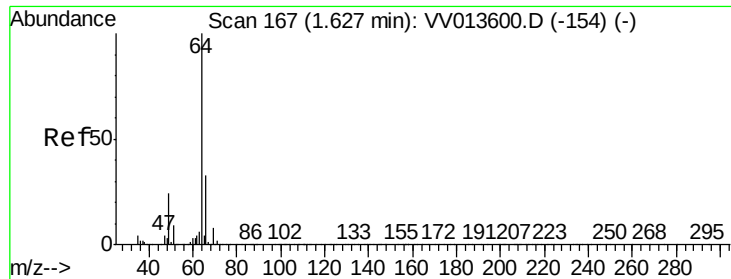
Tgt Ion: 94 Resp: 113579

Ion Ratio Lower Upper

94 100

96 93.8 65.1 120.9





#8

Chloroethane

Concen: 5.597 ug/L

RT: 1.63 min Scan# 167

Delta R.T. -0.00 min

Lab File: VV013603.D

Acq: 13 Nov 2019 13:44

Instrument :

MSVOA_V

ClientSampleId :

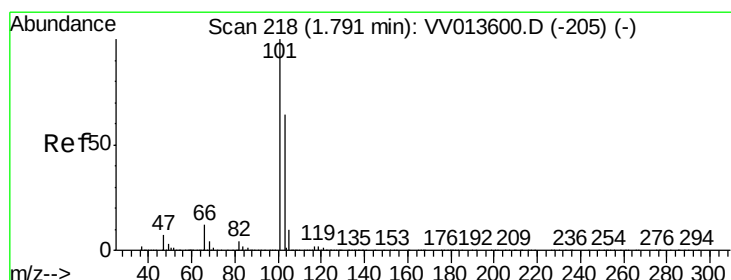
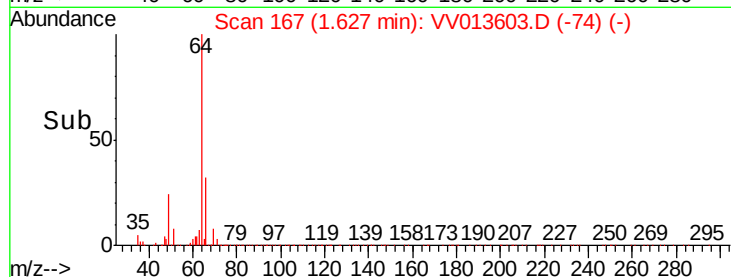
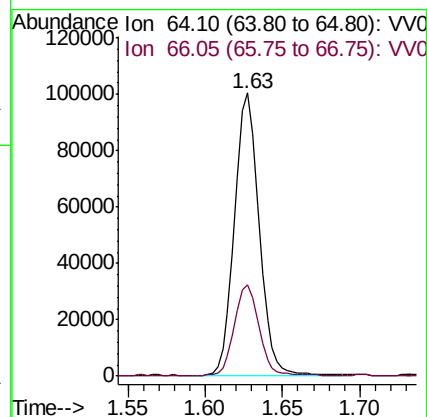
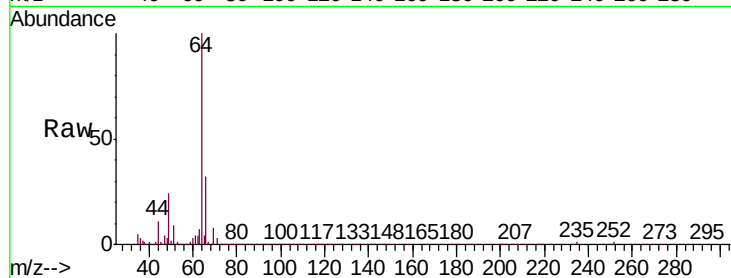
VICV35

Tgt Ion: 64 Resp: 110151

Ion Ratio Lower Upper

64 100

66 32.1 23.0 42.8



#9

Trichlorofluoromethane

Concen: 5.548 ug/L

RT: 1.79 min Scan# 218

Delta R.T. -0.00 min

Lab File: VV013603.D

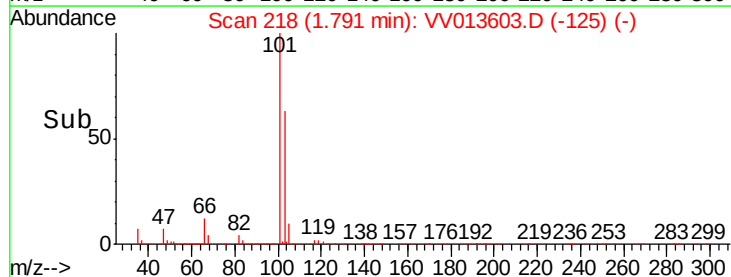
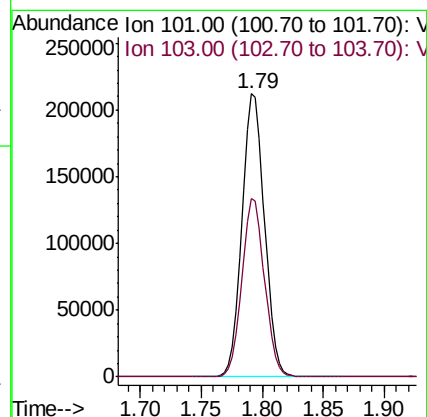
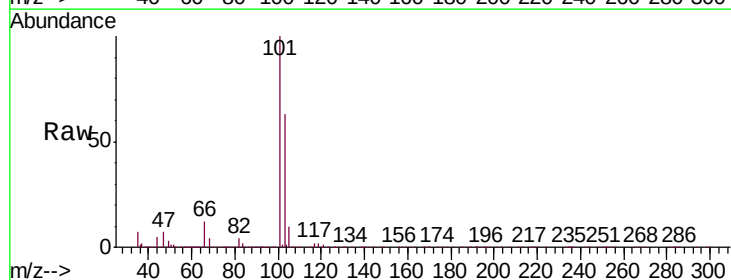
Acq: 13 Nov 2019 13:44

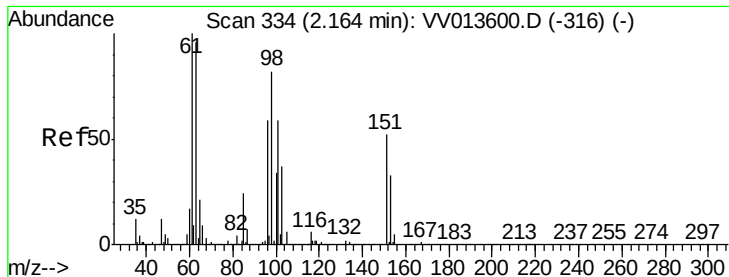
Tgt Ion: 101 Resp: 271504

Ion Ratio Lower Upper

101 100

103 62.9 52.6 78.8





#10

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

Concen: 5.363 ug/L

RT: 2.16 min Scan# 333

Delta R.T. -0.00 min

Lab File: VV013603.D

Acq: 13 Nov 2019 13:44

Instrument :

MSVOA_V

ClientSampleId :

VICV35

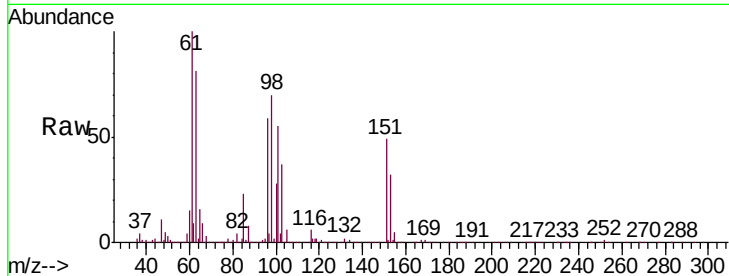
Tgt Ion: 101 Resp: 149025

Ion Ratio Lower Upper

101 100

85 42.1 33.1 49.7

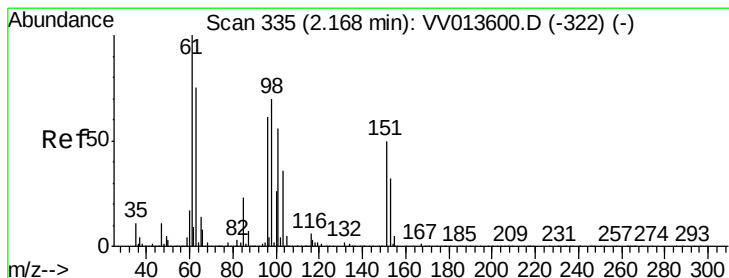
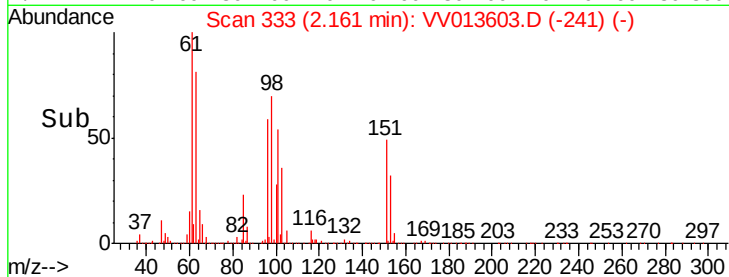
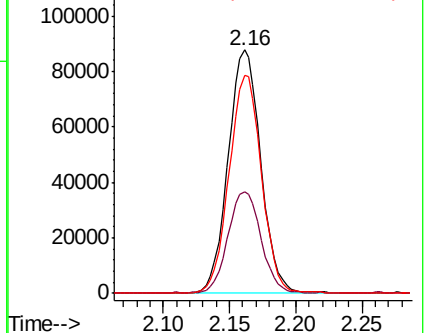
151 89.7 69.5 104.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.415 ug/L

RT: 2.16 min Scan# 334

Delta R.T. -0.00 min

Lab File: VV013603.D

Acq: 13 Nov 2019 13:44

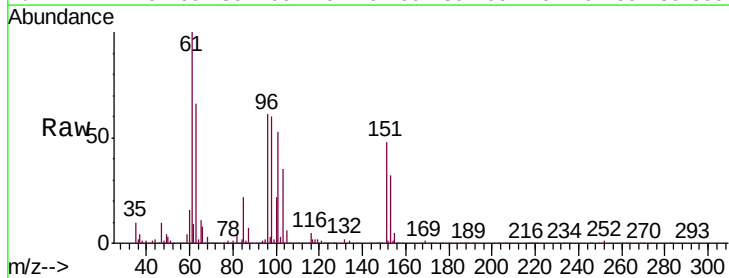
Tgt Ion: 96 Resp: 139827

Ion Ratio Lower Upper

96 100

61 164.7 115.6 214.6

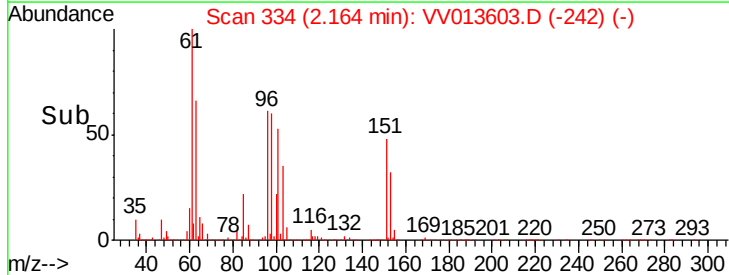
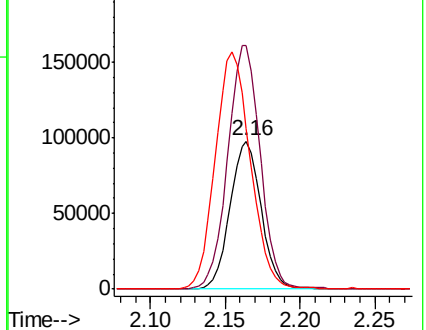
63 108.3 87.2 162.0

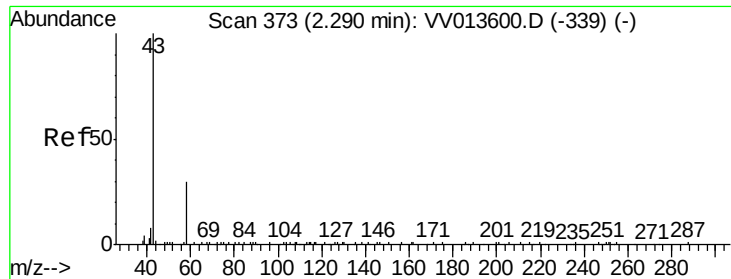


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 54.674 ug/L

RT: 2.29 min Scan# 373

Delta R.T. -0.00 min

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Acq: 13 Nov 2019 13:44

Instrument :

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ClientSampleId :

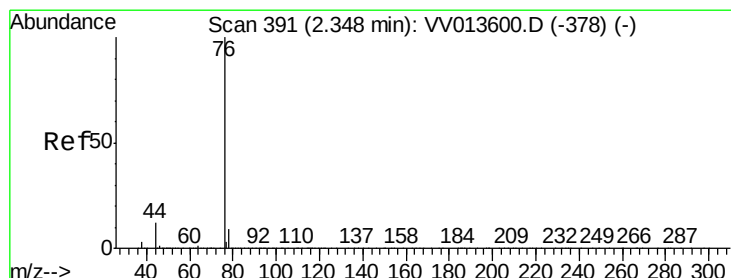
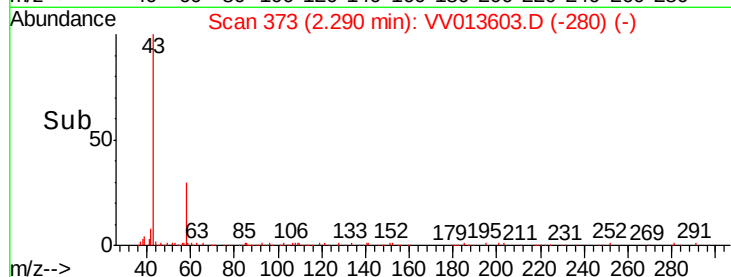
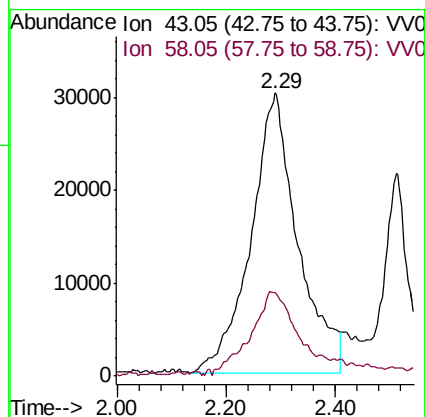
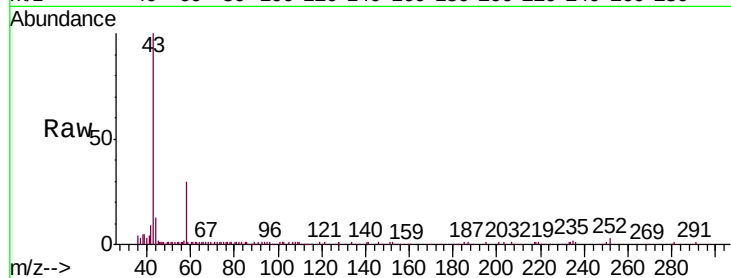
VICV35

Tgt Ion: 43 Resp: 180647

Ion Ratio Lower Upper

43 100

58 29.0 0.0 28.8#



#14

Carbon disulfide

Concen: 5.348 ug/L

RT: 2.34 min Scan# 389

Delta R.T. -0.01 min

Lab File: VV013603.D

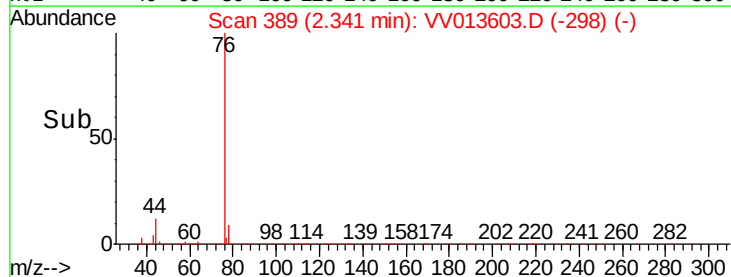
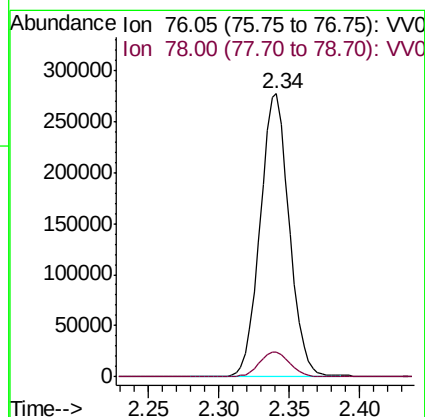
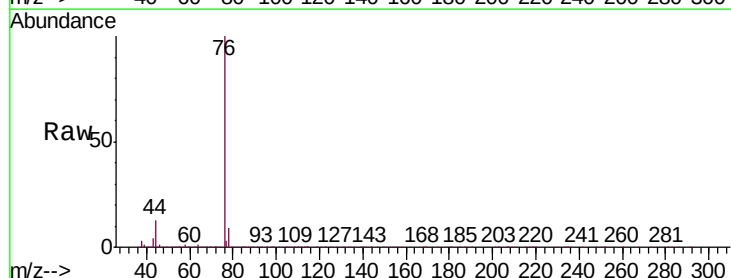
Acq: 13 Nov 2019 13:44

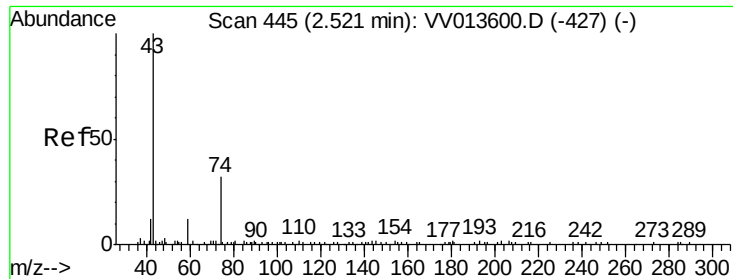
Tgt Ion: 76 Resp: 399313

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6





#15

Methyl Acetate

Concen: 5.689 ug/L

RT: 2.51 min Scan# 442

Delta R.T. -0.01 min

Lab File: VV013603.D

Acq: 13 Nov 2019 13:44

Instrument :

MSVOA_V

ClientSampleId :

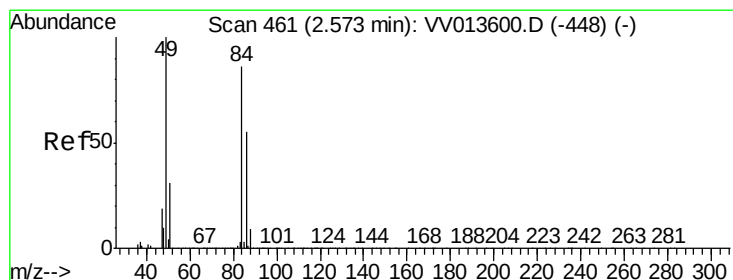
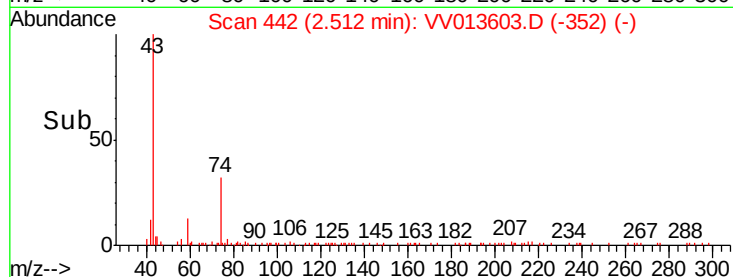
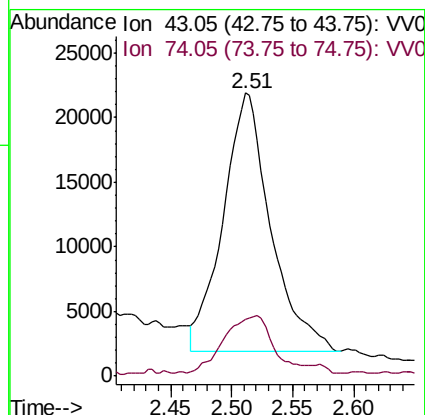
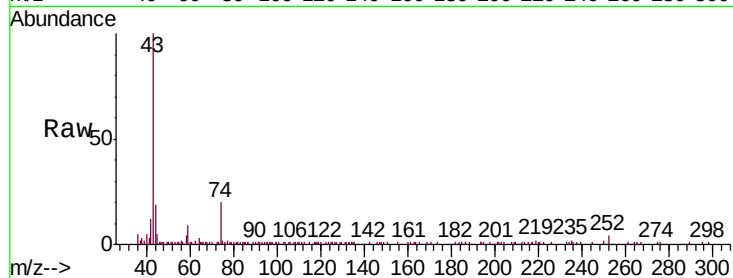
VICV35

Tgt Ion: 43 Resp: 54121

Ion Ratio Lower Upper

43 100

74 22.4 21.9 32.9



#16

Methylene chloride

Concen: 5.267 ug/L

RT: 2.56 min Scan# 458

Delta R.T. -0.01 min

Lab File: VV013603.D

Acq: 13 Nov 2019 13:44

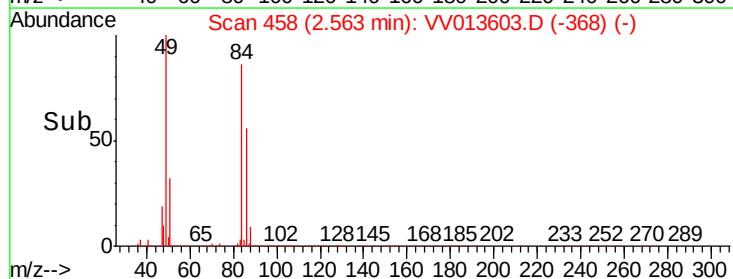
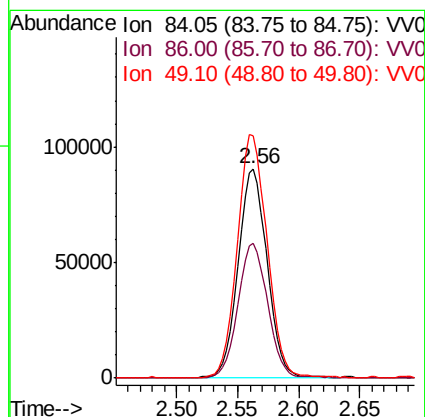
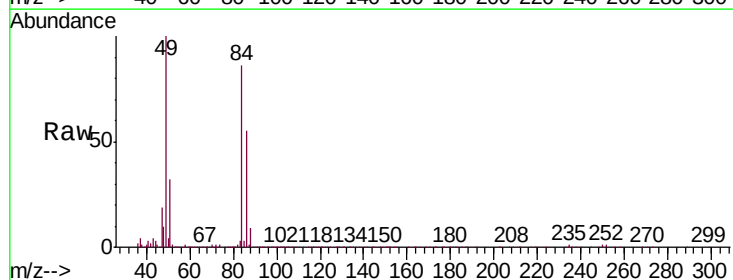
Tgt Ion: 84 Resp: 147800

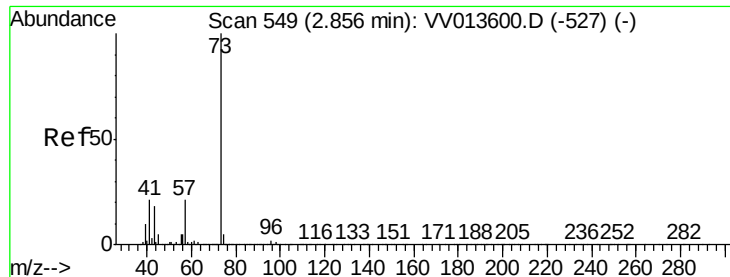
Ion Ratio Lower Upper

84 100

86 64.2 45.1 83.9

49 115.9 81.4 151.2

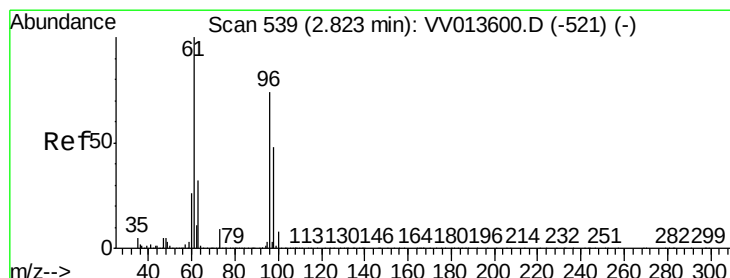
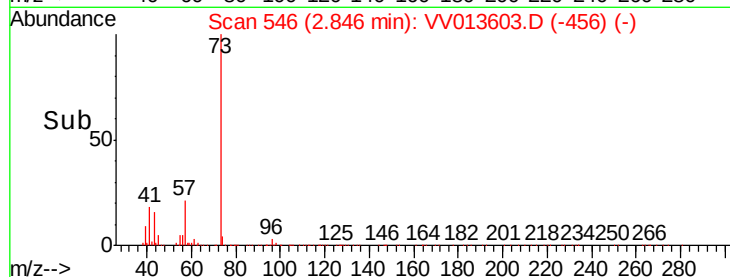
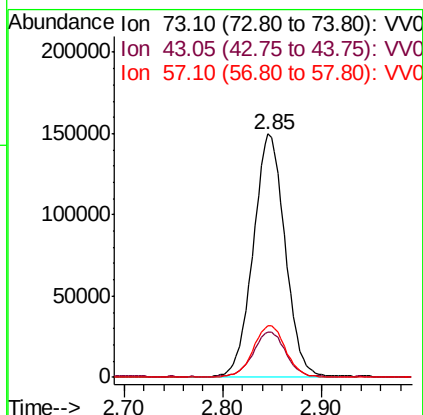
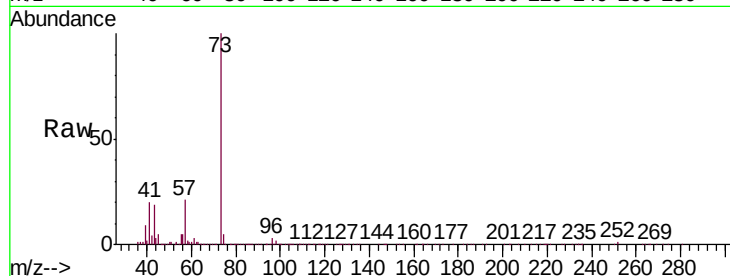




#17
Methyl tert-butyl Ether
Concen: 5.528 ug/L
RT: 2.85 min Scan# 546
Delta R.T. -0.01 min
Lab File: VV013603.D
Acq: 13 Nov 2019 13:44

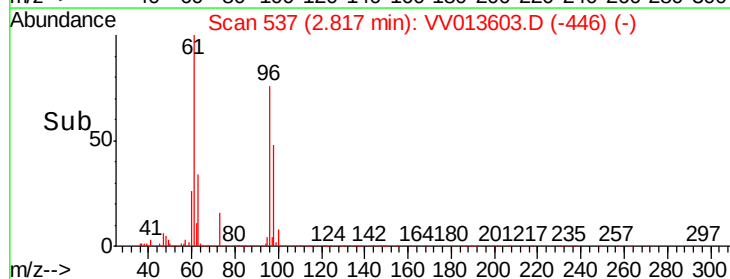
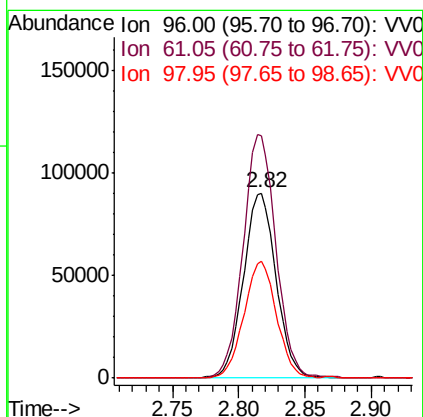
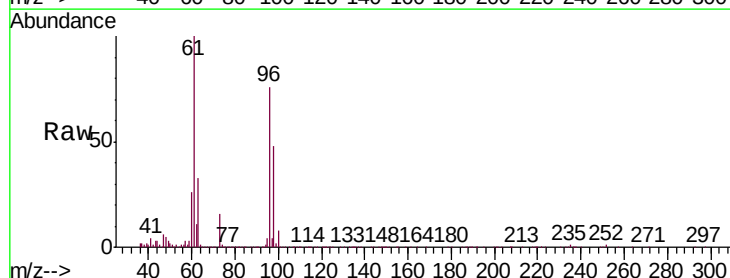
Instrument :
MSVOA_V
ClientSampleId :
VICV35

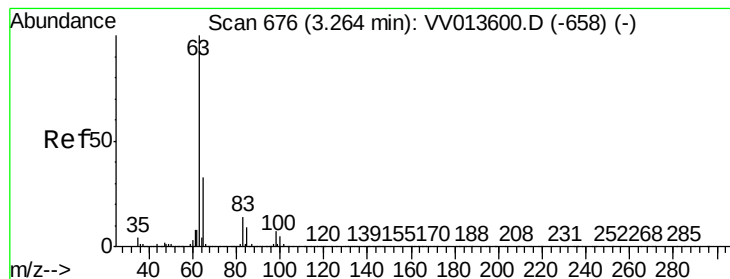
Tgt Ion:	73	Resp:	334103
Ion	Ratio	Lower	Upper
73	100		
43	18.5	14.8	22.2
57	21.3	16.3	24.5



#18
trans-1,2-Dichloroethene
Concen: 5.547 ug/L
RT: 2.82 min Scan# 537
Delta R.T. -0.01 min
Lab File: VV013603.D
Acq: 13 Nov 2019 13:44

Tgt Ion:	96	Resp:	153317
Ion	Ratio	Lower	Upper
96	100		
61	131.2	95.2	176.8
98	63.1	46.1	85.7





#19

1,1-Dichloroethane

Concen: 5.567 ug/L

RT: 3.26 min Scan# 674

Delta R.T. -0.01 min

Lab File: VV013603.D

Acq: 13 Nov 2019 13:44

Instrument :

MSVOA_V

ClientSampleId :

VICV35

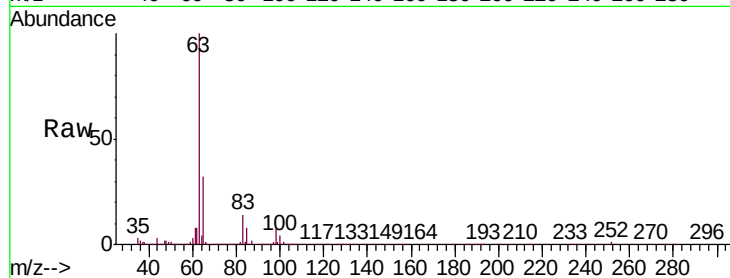
Tgt Ion: 63 Resp: 275255

Ion Ratio Lower Upper

63 100

65 32.5 23.4 43.4

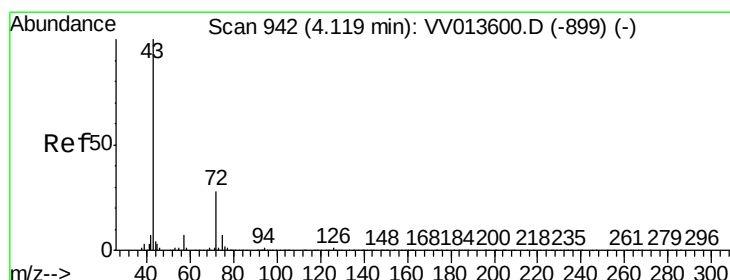
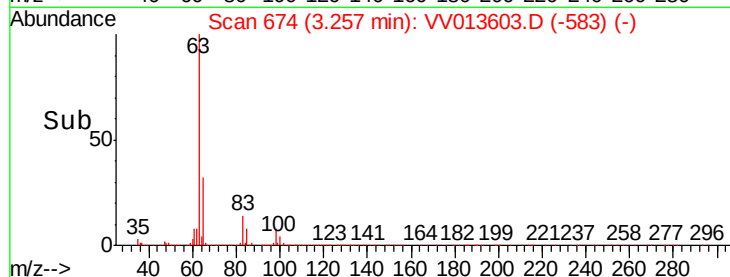
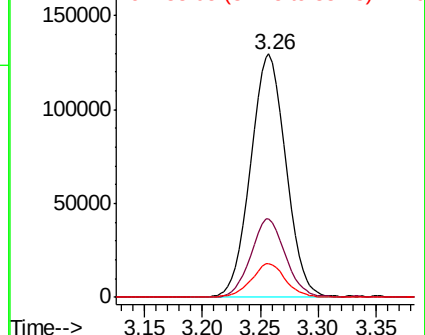
83 13.7 9.9 18.3



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#21

2-Butanone

Concen: 52.201 ug/L

RT: 4.12 min Scan# 942

Delta R.T. -0.00 min

Lab File: VV013603.D

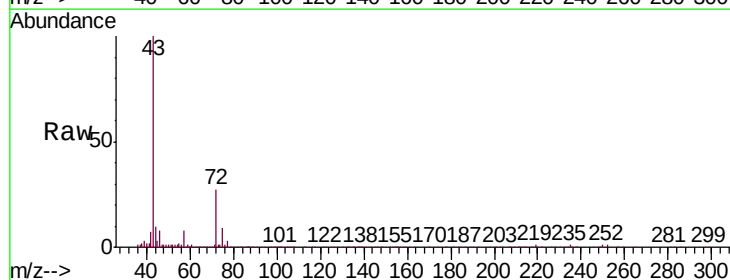
Acq: 13 Nov 2019 13:44

Tgt Ion: 43 Resp: 319267

Ion Ratio Lower Upper

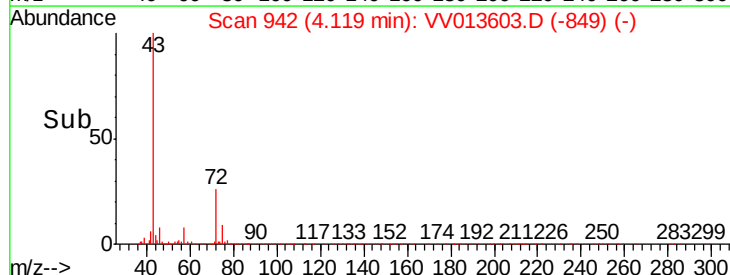
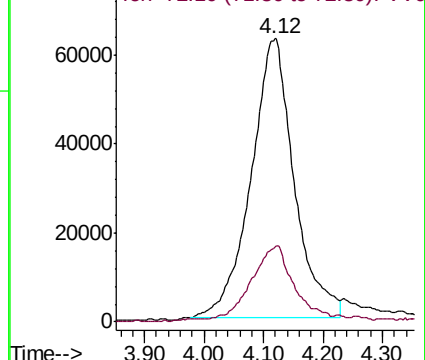
43 100

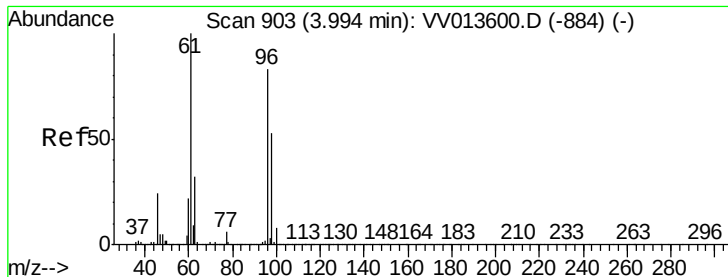
72 25.1 12.3 36.9



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



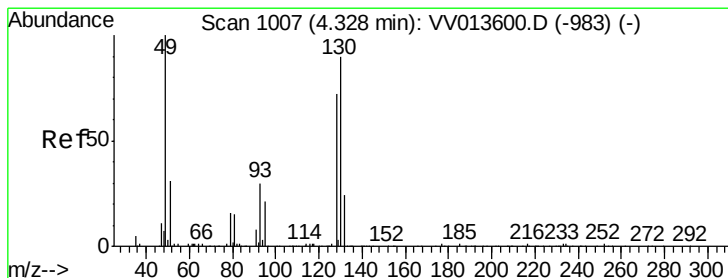
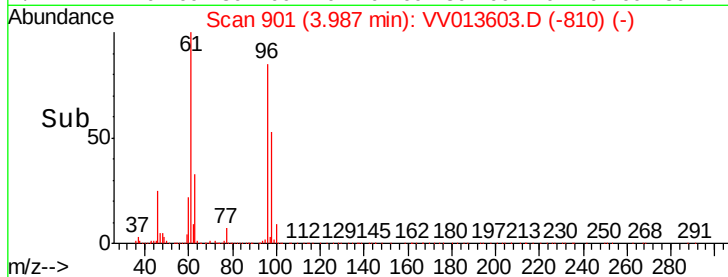
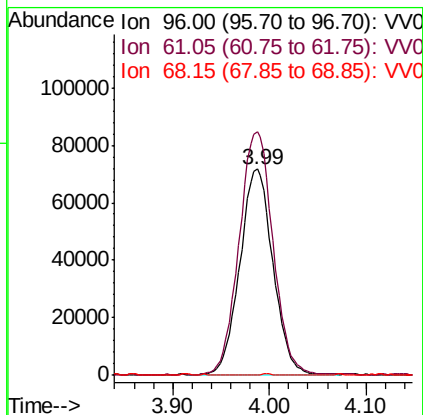
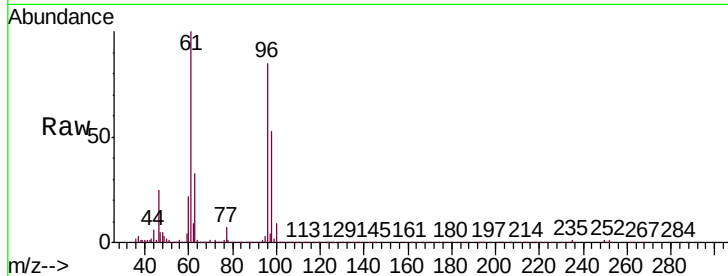


#22

cis-1,2-Dichloroethene
Concen: 5.582 ug/L
RT: 3.99 min Scan# 901
Delta R.T. -0.01 min
Lab File: VV013603.D
Acq: 13 Nov 2019 13:44

Instrument :
MSVOA_V
ClientSampled :
VICV35

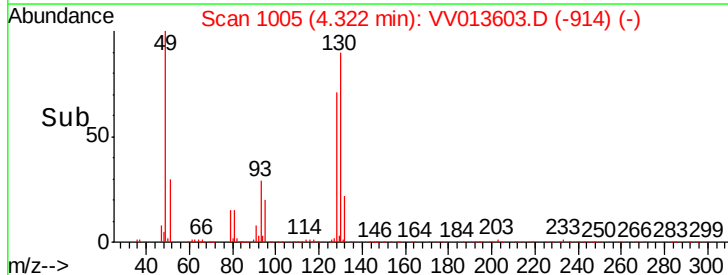
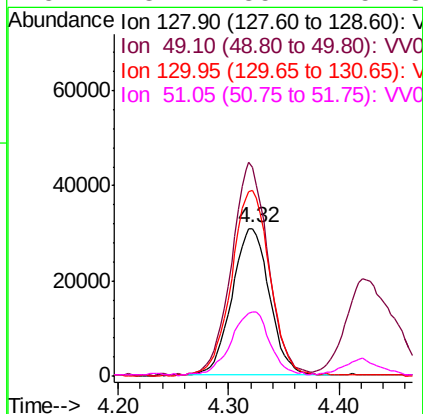
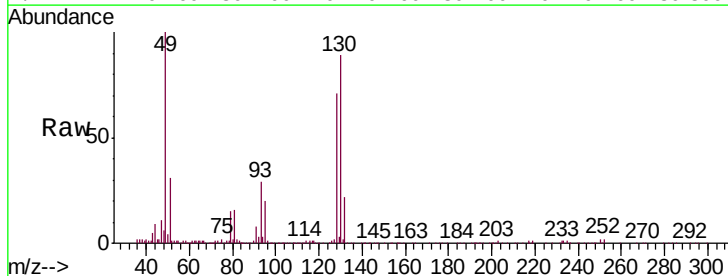
Tgt Ion: 96 Resp: 169301
Ion Ratio Lower Upper
96 100
61 117.9 84.7 157.3
68 0.3 0.3 0.7#

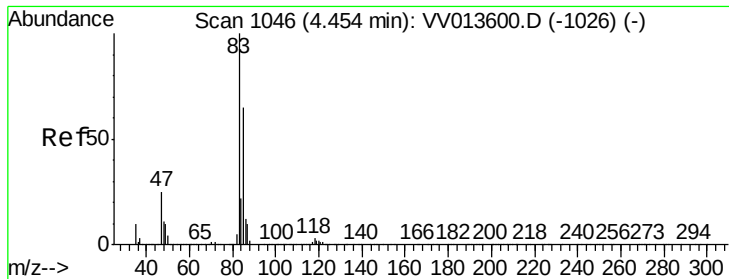


#23

Bromochloromethane
Concen: 5.382 ug/L
RT: 4.32 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VV013603.D
Acq: 13 Nov 2019 13:44

Tgt Ion: 128 Resp: 72417
Ion Ratio Lower Upper
128 100
49 141.4 98.4 182.8
130 125.9 88.4 164.2
51 43.4 35.2 52.8

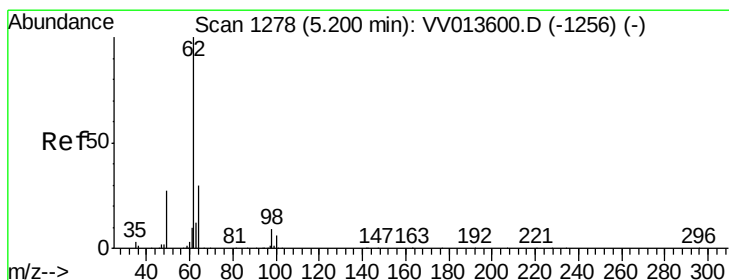
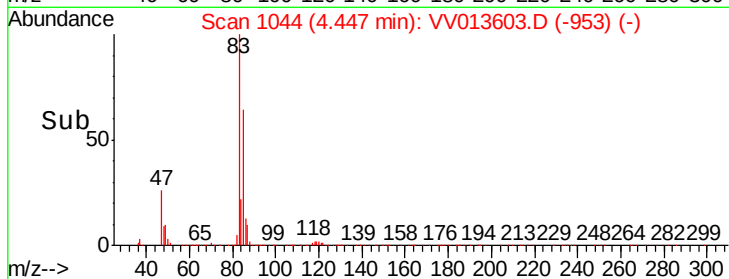
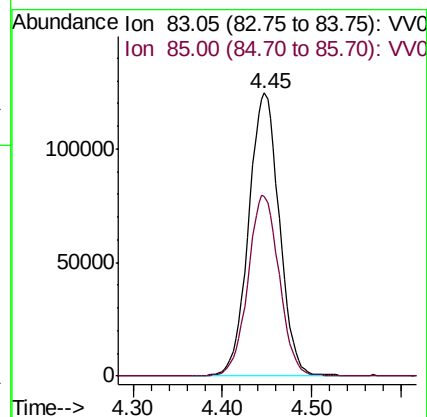
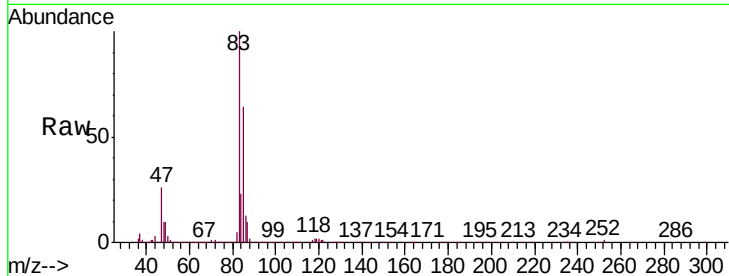




#25
Chloroform
Concen: 4.801 ug/L
RT: 4.45 min Scan# 1044
Delta R.T. -0.01 min
Lab File: VV013603.D
Acq: 13 Nov 2019 13:44

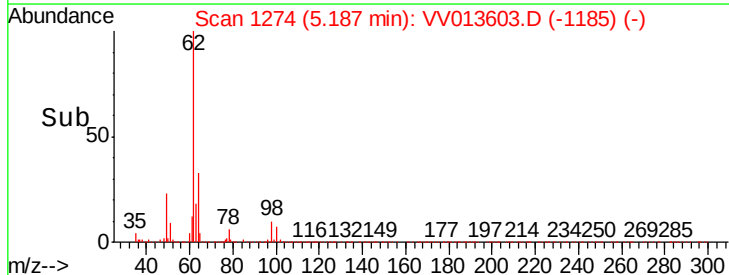
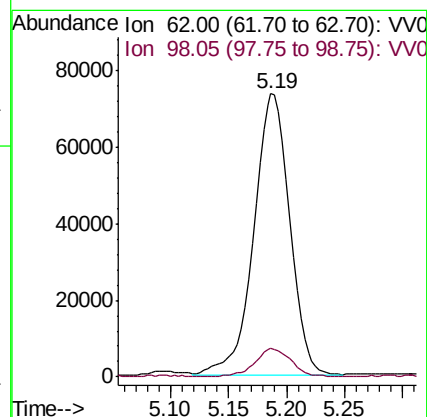
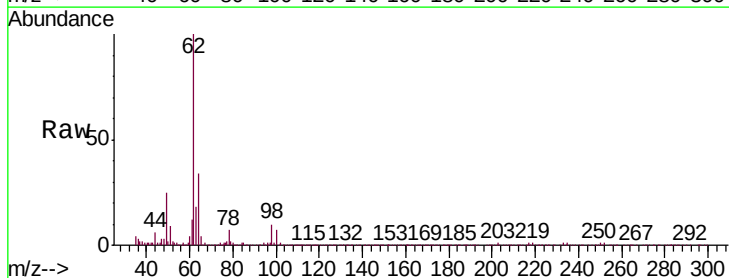
Instrument :
MSVOA_V
ClientSampleId :
VICV35

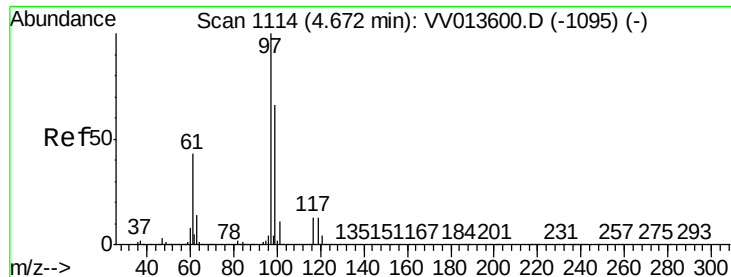
Tgt Ion: 83 Resp: 297102
Ion Ratio Lower Upper
83 100
85 63.7 45.5 84.5



#27
1,2-Dichloroethane
Concen: 4.634 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VV013603.D
Acq: 13 Nov 2019 13:44

Tgt Ion: 62 Resp: 157685
Ion Ratio Lower Upper
62 100
98 10.0 7.4 11.2

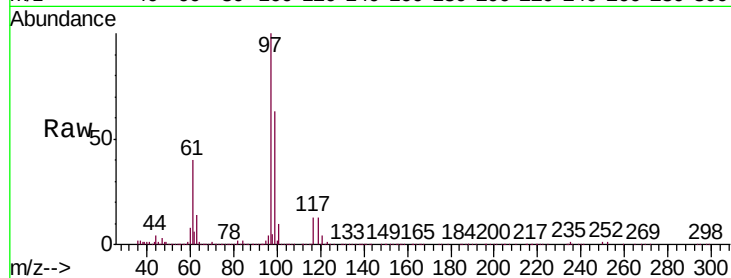




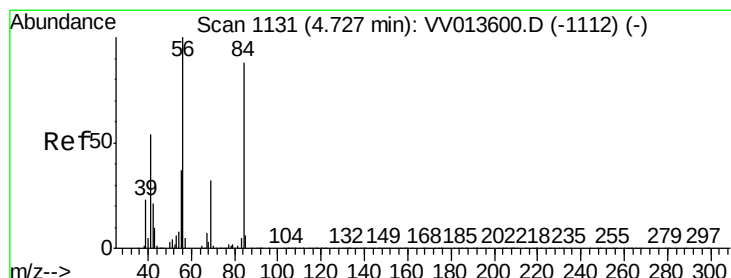
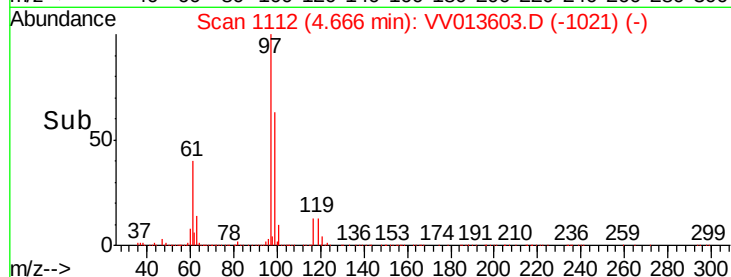
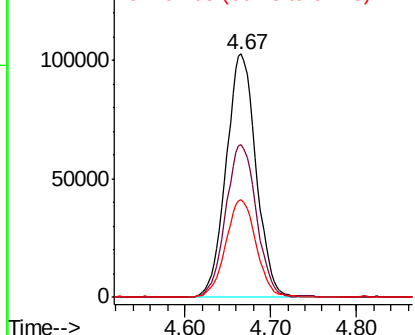
#29
1,1,1-Trichloroethane
Concen: 5.271 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VV013603.D
Acq: 13 Nov 2019 13:44

Instrument :
MSVOA_V
ClientSampleId :
VICV35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.6	78.8
61	40.3	34.1	51.1

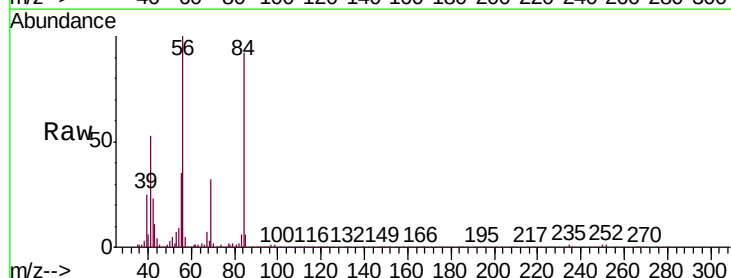


Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0

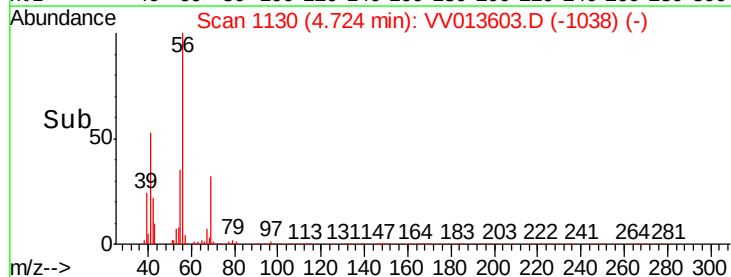
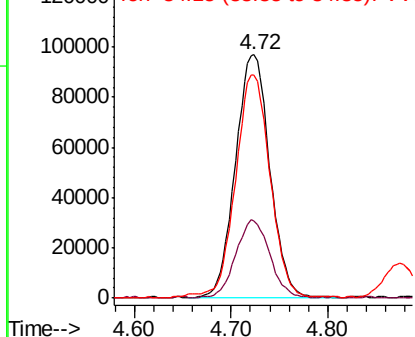


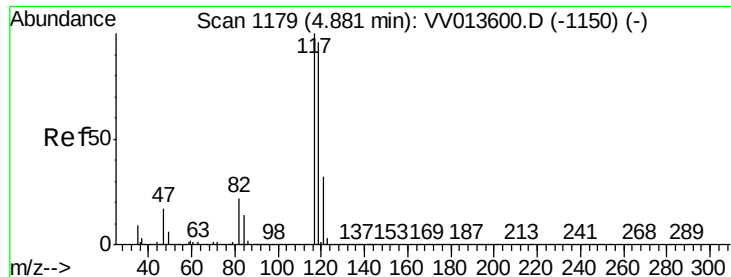
#30
Cyclohexane
Concen: 5.099 ug/L
RT: 4.72 min Scan# 1130
Delta R.T. -0.00 min
Lab File: VV013603.D
Acq: 13 Nov 2019 13:44

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.0	37.4
84	93.5	75.5	113.3



Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 5.207 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. -0.01 min

Lab File: VV013603.D

Acq: 13 Nov 2019 13:44

Instrument :

MSVOA_V

ClientSampleId :

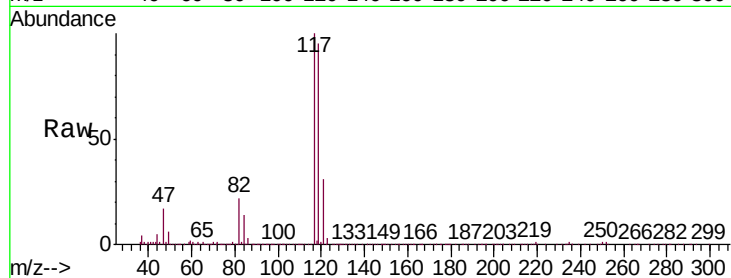
VICV35

Tgt Ion:117 Resp: 219227

Ion Ratio Lower Upper

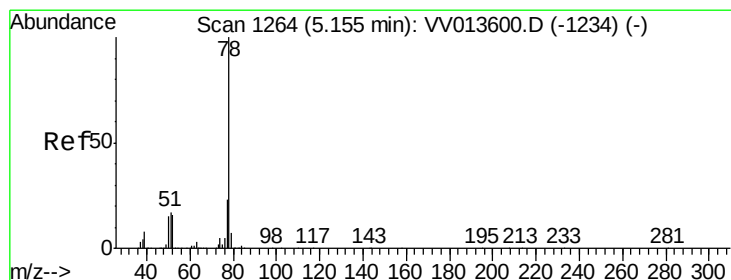
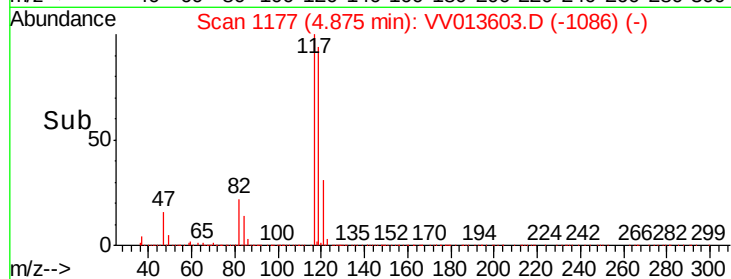
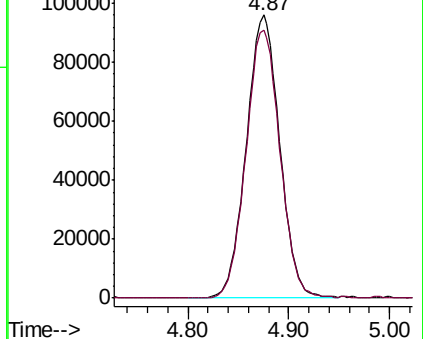
117 100

119 96.5 76.9 115.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.510 ug/L

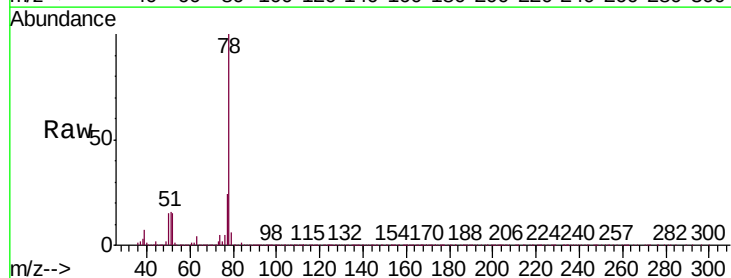
RT: 5.14 min Scan# 1261

Delta R.T. -0.01 min

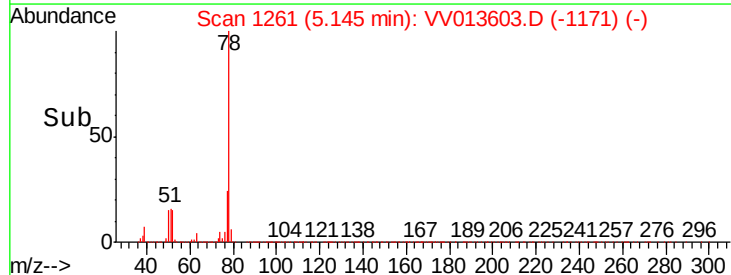
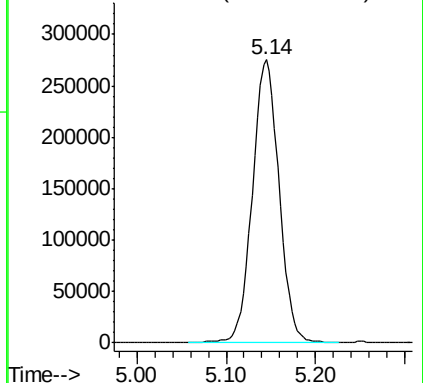
Lab File: VV013603.D

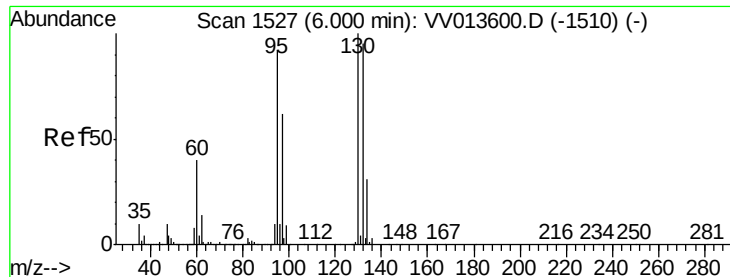
Acq: 13 Nov 2019 13:44

Tgt Ion: 78 Resp: 573243



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.254 ug/L

RT: 5.95 min Scan# 1511

Delta R.T. -0.05 min

Lab File: VV013603.D

Acq: 13 Nov 2019 13:44

Instrument :

MSVOA_V

ClientSampleId :

VICV35

Tgt Ion: 95 Resp: 187417

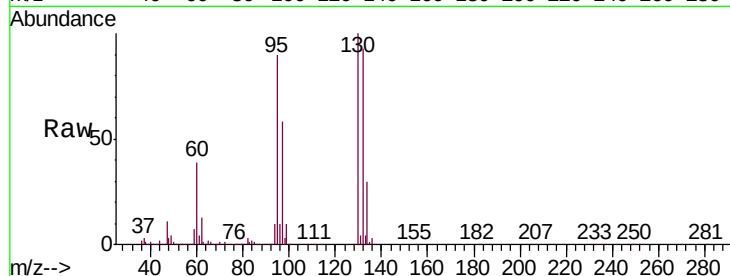
Ion Ratio Lower Upper

95 100

97 65.2 47.0 87.4

132 104.1 72.2 134.0

130 111.5 75.7 140.7

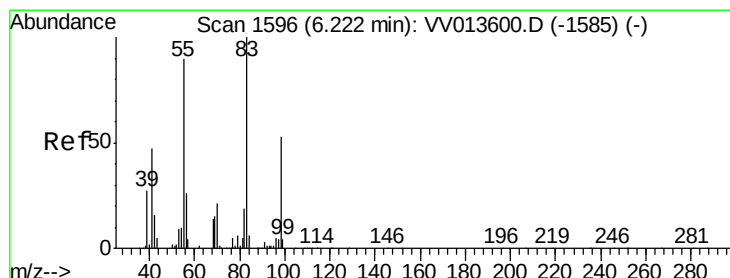
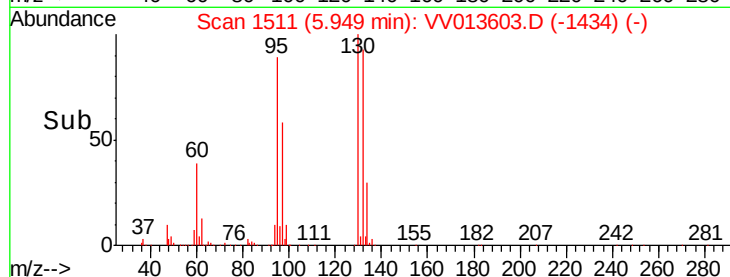
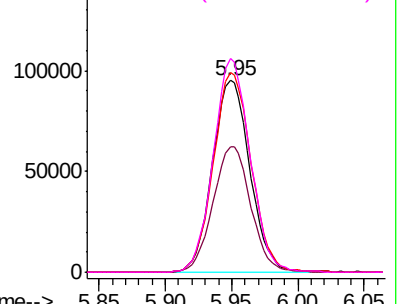


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 6.195 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. -0.05 min

Lab File: VV013603.D

Acq: 13 Nov 2019 13:44

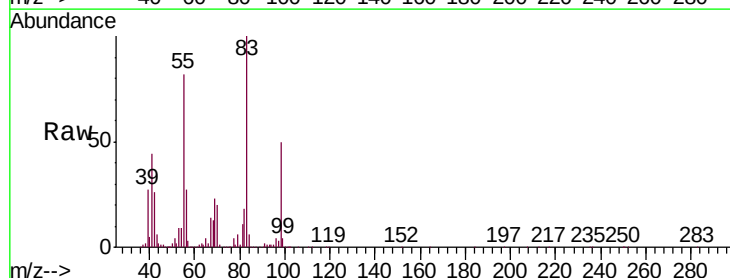
Tgt Ion: 83 Resp: 321131

Ion Ratio Lower Upper

83 100

55 70.7 67.0 100.4

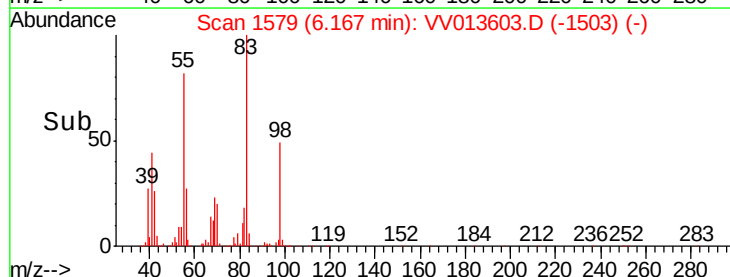
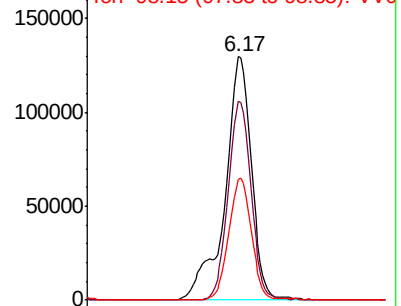
98 42.7 38.5 57.7

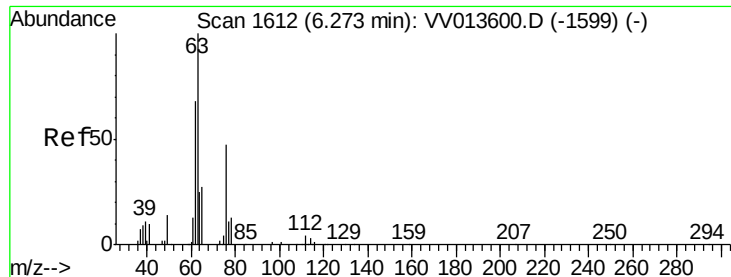


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

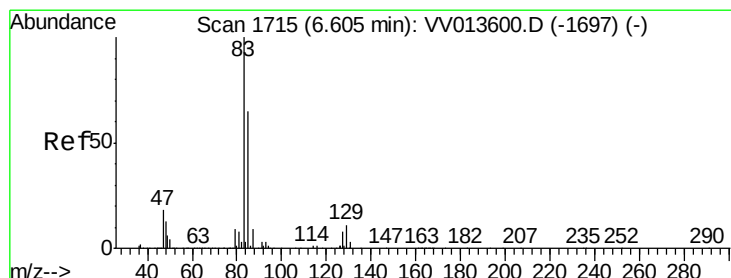
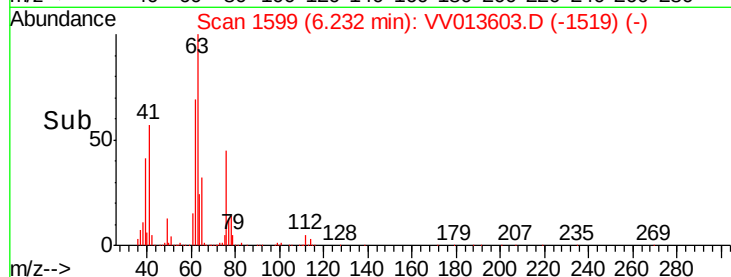
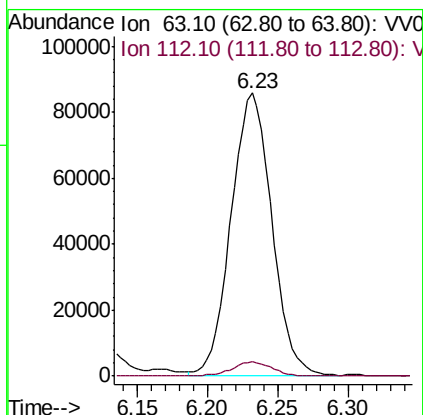
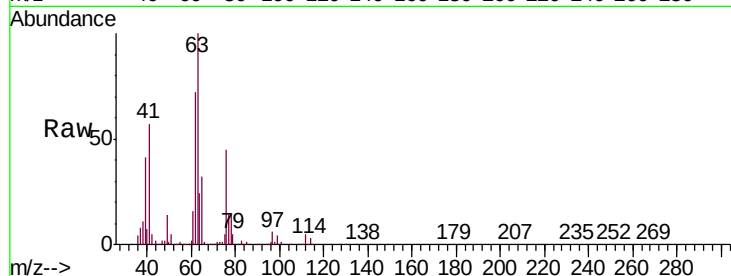




#37
 1,2-Dichloropropane
 Concen: 5.247 ug/L
 RT: 6.23 min Scan# 1599
 Delta R.T. -0.04 min
 Lab File: VV013603.D
 Acq: 13 Nov 2019 13:44

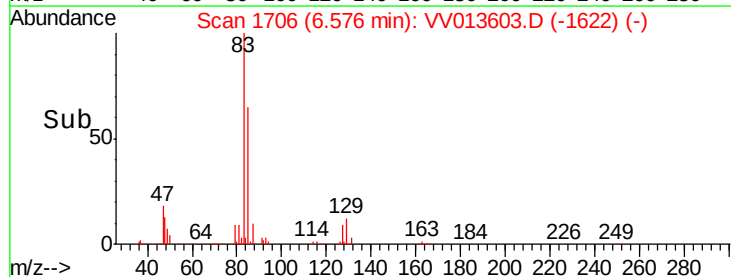
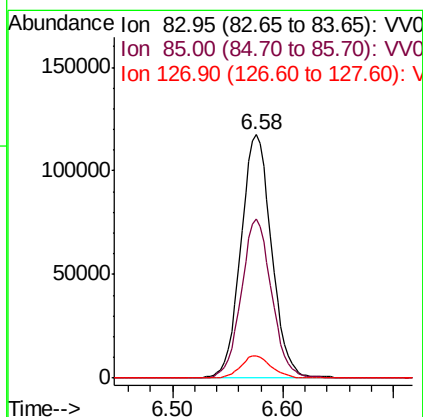
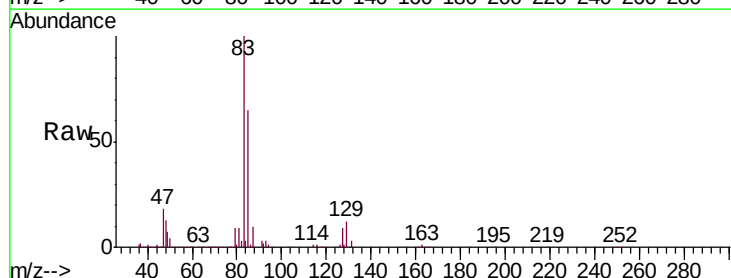
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV35

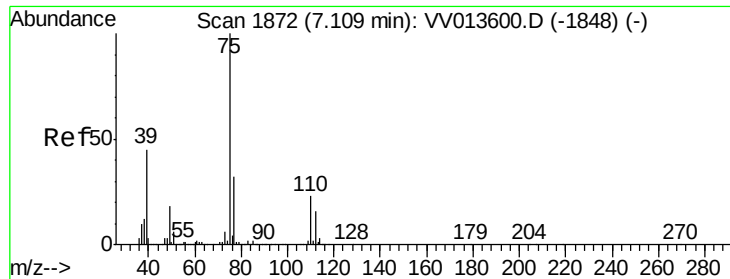
Tgt Ion: 63 Resp: 172212
 Ion Ratio Lower Upper
 63 100
 112 5.0 0.2 0.2#



#38
 Bromodichloromethane
 Concen: 5.036 ug/L
 RT: 6.58 min Scan# 1706
 Delta R.T. -0.03 min
 Lab File: VV013603.D
 Acq: 13 Nov 2019 13:44

Tgt Ion: 83 Resp: 226093
 Ion Ratio Lower Upper
 83 100
 85 65.2 45.5 84.5
 127 9.0 6.8 10.2



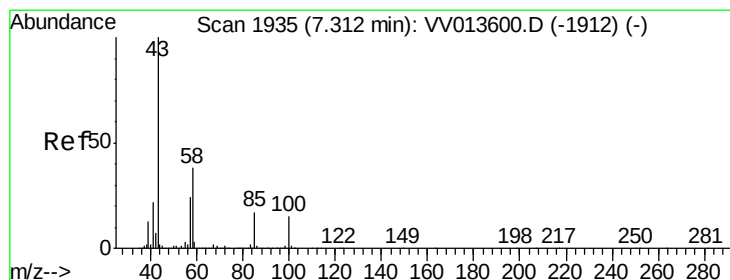
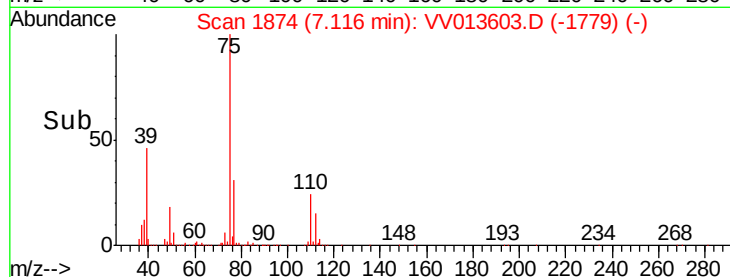
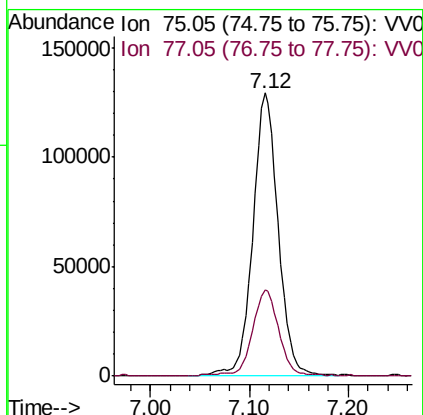
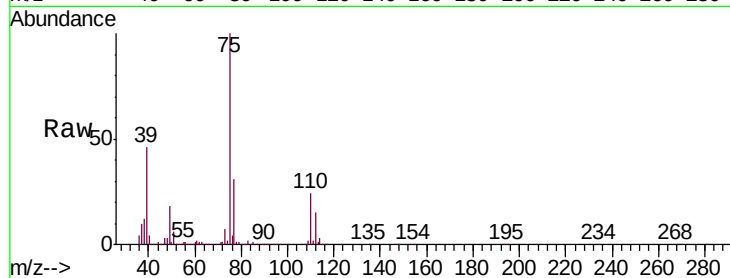


#39

cis-1,3-Dichloropropene
 Concen: 5.040 ug/L
 RT: 7.12 min Scan# 1874
 Delta R.T. 0.01 min
 Lab File: VV013603.D
 Acq: 13 Nov 2019 13:44

Instrument :
 MSVOA_V
 ClientSampled :
 VICV35

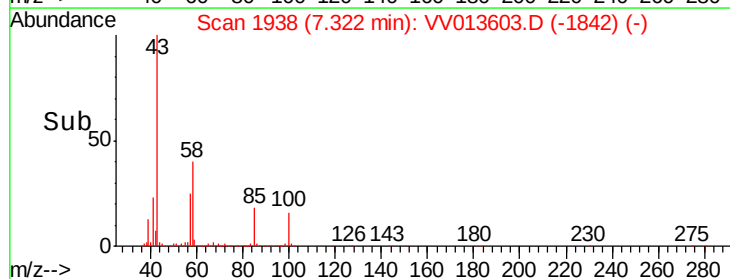
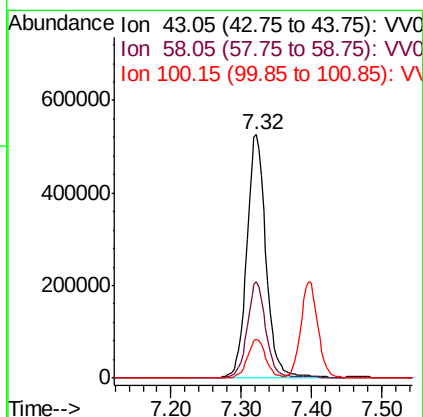
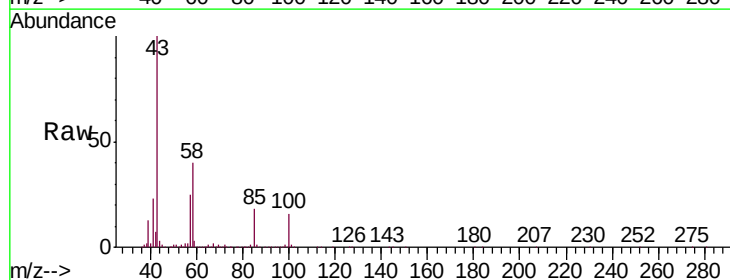
Tgt Ion: 75 Resp: 228746
 Ion Ratio Lower Upper
 75 100
 77 30.6 22.3 41.3

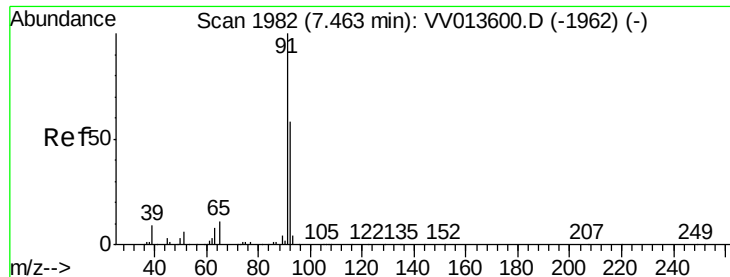


#40

4-Methyl-2-pentanone
 Concen: 53.941 ug/L
 RT: 7.32 min Scan# 1938
 Delta R.T. 0.01 min
 Lab File: VV013603.D
 Acq: 13 Nov 2019 13:44

Tgt Ion: 43 Resp: 990036
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.6 45.8
 100 15.3 12.0 18.0





#42

Toluene

Concen: 5.431 ug/L

RT: 7.47 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VV013603.D

Acq: 13 Nov 2019 13:44

Instrument :

MSVOA_V

ClientSampleId :

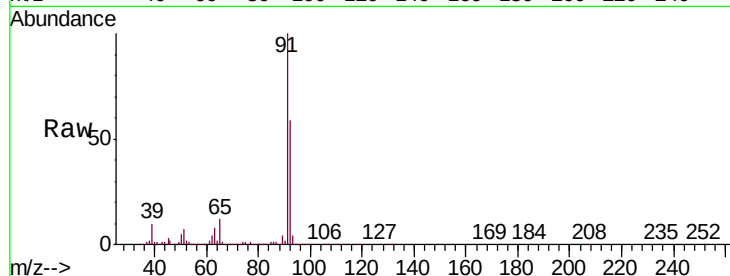
VICV35

Tgt Ion: 91 Resp: 749648

Ion Ratio Lower Upper

91 100

92 59.2 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.47

400000

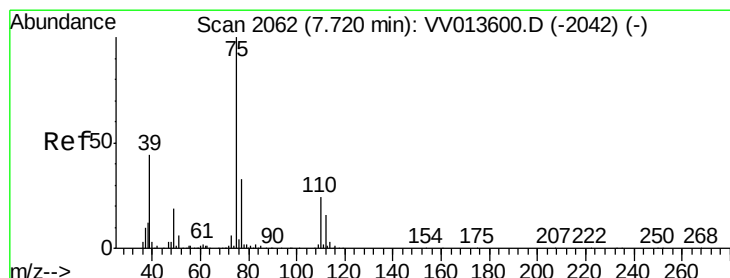
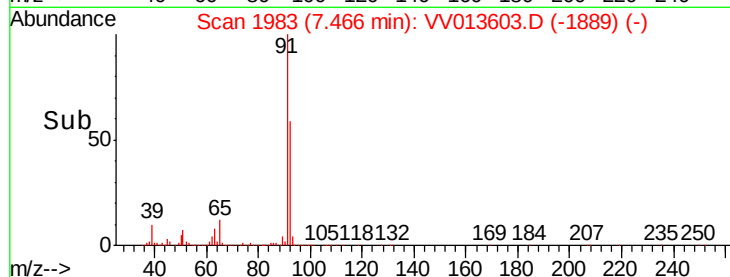
300000

200000

100000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 5.180 ug/L

RT: 7.73 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VV013603.D

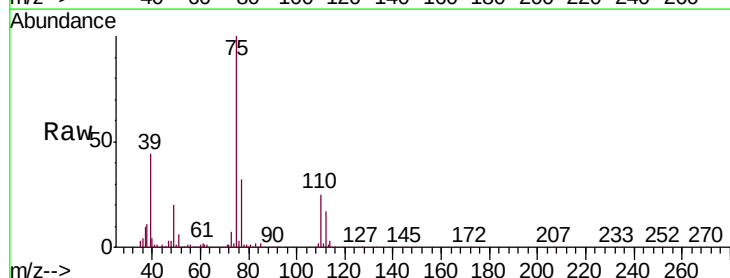
Acq: 13 Nov 2019 13:44

Tgt Ion: 75 Resp: 179861

Ion Ratio Lower Upper

75 100

77 32.2 23.2 43.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.73

120000

100000

80000

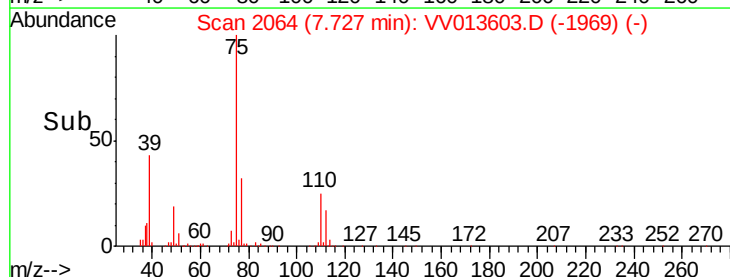
60000

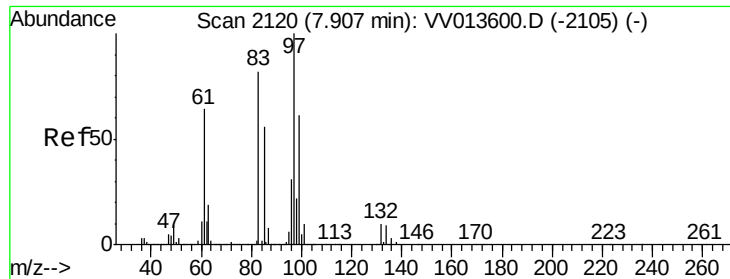
40000

20000

0

Time-->

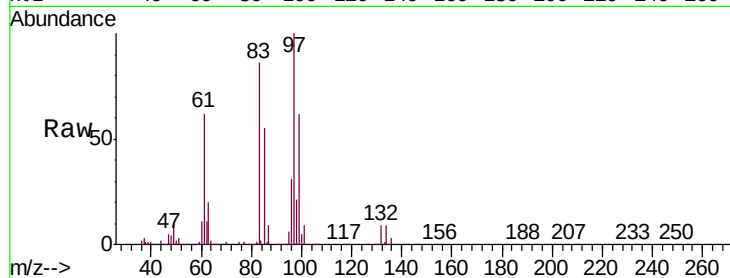




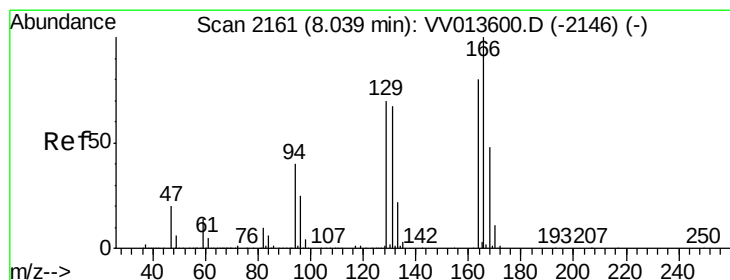
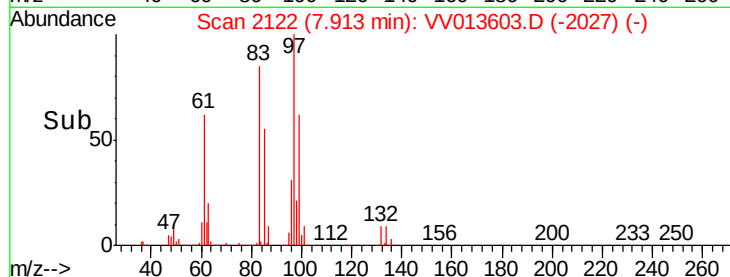
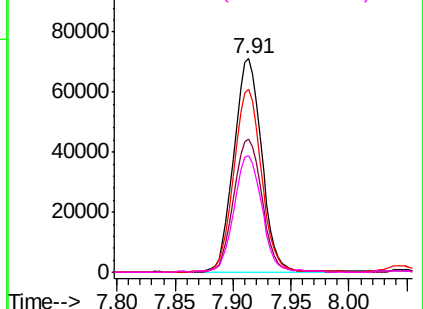
#45
 1,1,2-Trichloroethane
 Concen: 5.038 ug/L
 RT: 7.91 min Scan# 2122
 Delta R.T. 0.01 min
 Lab File: VV013603.D
 Acq: 13 Nov 2019 13:44

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV35

Tgt Ion:	97	Resp:	118523
Ion	Ratio	Lower	Upper
97	100		
99	62.5	42.5	78.9
83	85.6	57.2	106.2
85	54.6	39.1	72.7

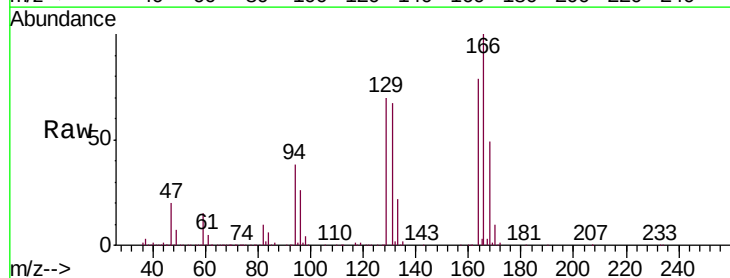


Abundance Ion 96.95 (96.65 to 97.65): VV013603.D (-2105) (-)
 Ion 99.05 (98.75 to 99.75): VV013603.D (-2105) (-)
 Ion 82.95 (82.65 to 83.65): VV013603.D (-2105) (-)
 Ion 85.00 (84.70 to 85.70): VV013603.D (-2105) (-)

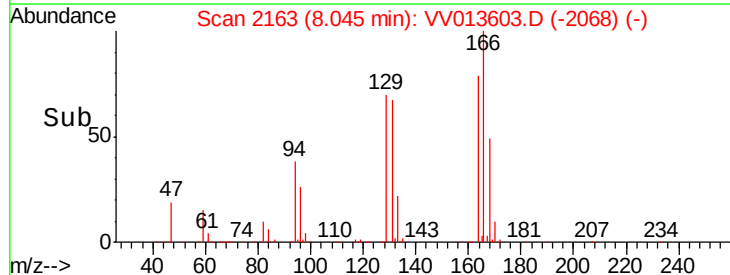
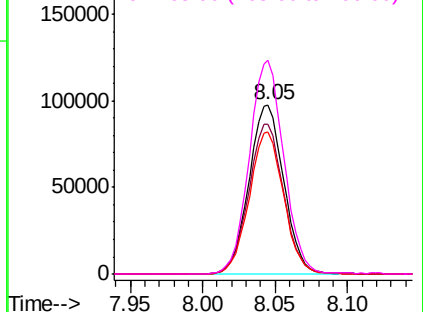


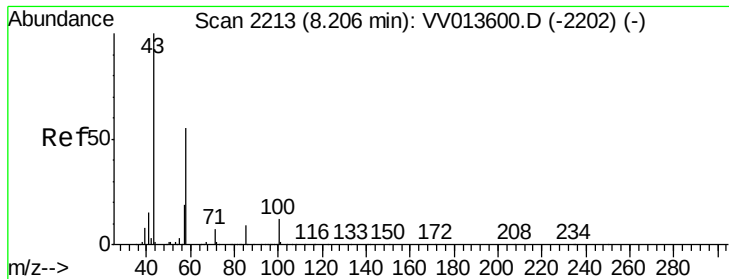
#47
 Tetrachloroethene
 Concen: 5.029 ug/L
 RT: 8.05 min Scan# 2163
 Delta R.T. 0.01 min
 Lab File: VV013603.D
 Acq: 13 Nov 2019 13:44

Tgt Ion:	164	Resp:	163183
Ion	Ratio	Lower	Upper
164	100		
129	88.8	61.6	114.4
131	84.0	59.0	109.6
166	126.3	87.9	163.3



Abundance Ion 163.90 (163.60 to 164.60): VV013603.D (-2146) (-)
 Ion 128.95 (128.65 to 129.65): VV013603.D (-2146) (-)
 Ion 130.95 (130.65 to 131.65): VV013603.D (-2146) (-)
 Ion 165.90 (165.60 to 166.60): VV013603.D (-2146) (-)



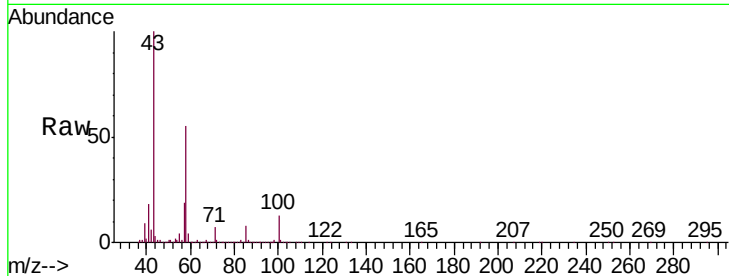


#48
2-Hexanone
Concen: 57.671 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VV013603.D
Acq: 13 Nov 2019 13:44

Instrument :
MSVOA_V
ClientSampleId :
VICV35

Tgt Ion: 43 Resp: 744714

Ion	Ratio	Lower	Upper
43	100		
58	53.7	45.1	67.7
57	17.9	14.6	21.8
100	12.6	10.2	15.2

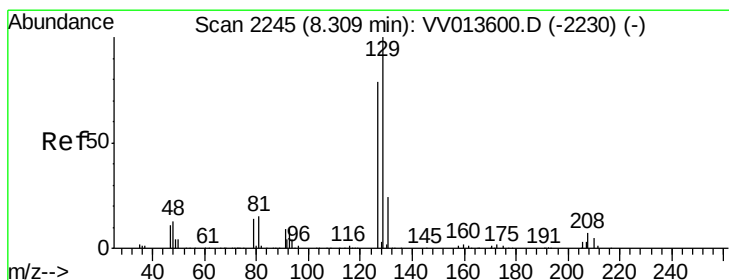
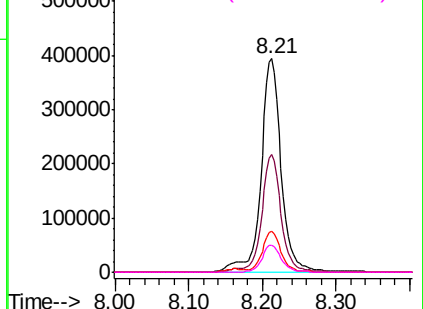
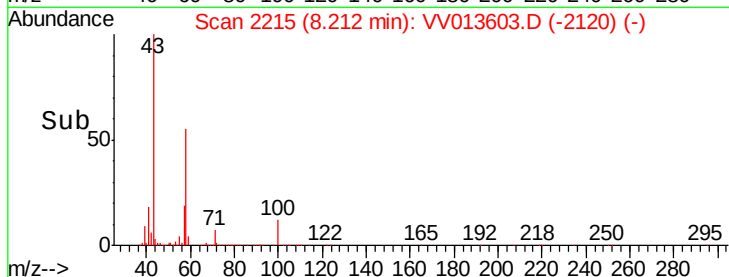


Abundance Ion 43.05 (42.75 to 43.75): VV013603.D (-2120) (-)

Ion 58.05 (57.75 to 58.75): VV013603.D (-2120) (-)

Ion 57.20 (56.90 to 57.90): VV013603.D (-2120) (-)

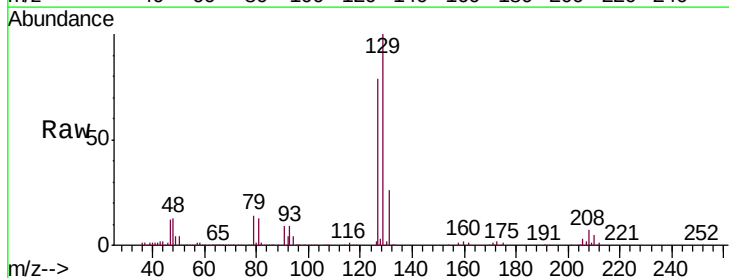
Ion 100.15 (99.85 to 100.85): VV013603.D (-2120) (-)



#49
Dibromochloromethane
Concen: 4.960 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VV013603.D
Acq: 13 Nov 2019 13:44

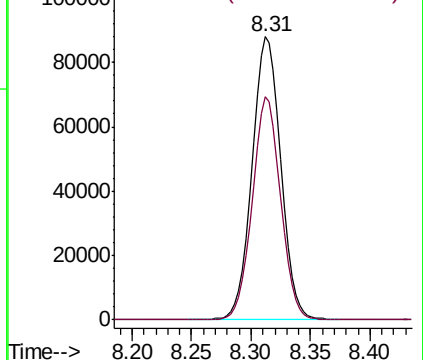
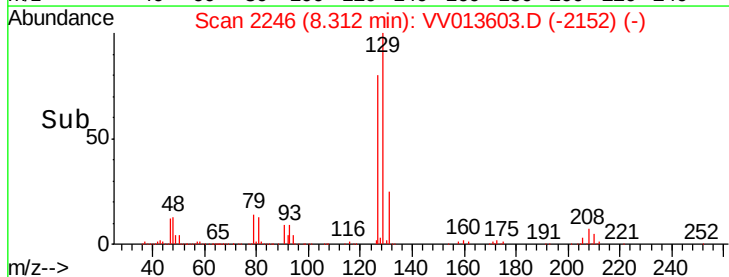
Tgt Ion: 129 Resp: 146588

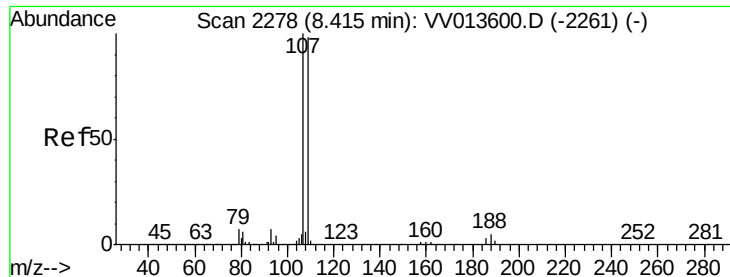
Ion	Ratio	Lower	Upper
129	100		
127	78.9	55.5	103.1



Abundance Ion 128.95 (128.65 to 129.65): VV013603.D (-2152) (-)

Ion 126.90 (126.60 to 127.60): VV013603.D (-2152) (-)

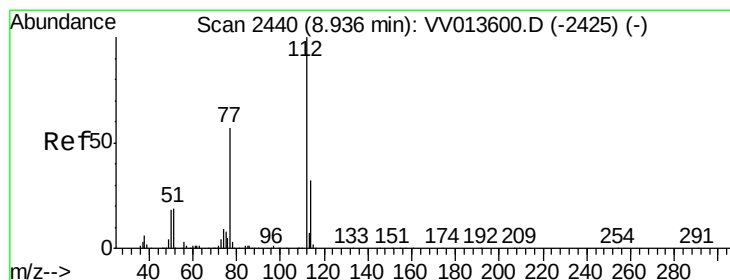
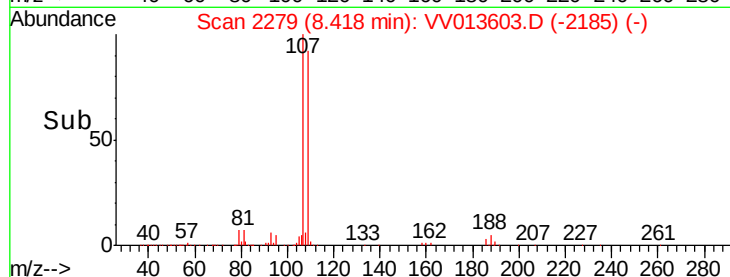
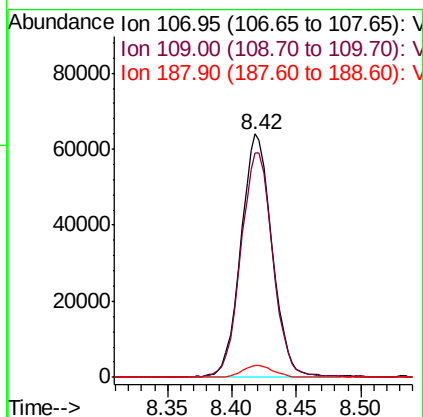
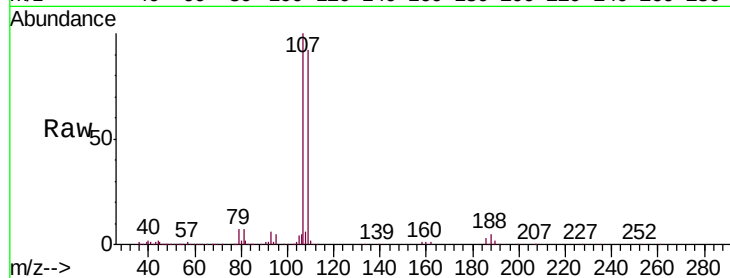




#50
1,2-Dibromoethane
Concen: 5.023 ug/L
RT: 8.42 min Scan# 2279
Delta R.T. 0.00 min
Lab File: VV013603.D
Acq: 13 Nov 2019 13:44

Instrument :
MSVOA_V
ClientSampleId :
VICV35

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.2	69.0	128.2
188	4.8	3.8	5.6



#51
Chlorobenzene
Concen: 5.167 ug/L
RT: 8.94 min Scan# 2441
Delta R.T. 0.00 min
Lab File: VV013603.D
Acq: 13 Nov 2019 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
114	30.8	22.3	41.5
77	56.9	46.0	69.0

