

Data File : VV013443.D
Acq On : 30 Oct 2019 20:15
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC005

Quant Time: Oct 31 02:48:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	345623	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361721	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	215240	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	132269	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.58	69	113338	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.13	63	242508	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	3.96	46	405817	54.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	4.40	84	311210	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.08	65	157561	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	606978	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	189269	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	560720	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	67582	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	264368	56.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	137178	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	208950	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	228248	4.921 ug/L	99
3) Chloromethane	1.25	50	185006	4.737 ug/L	98
5) Vinyl chloride	1.32	62	185032	4.882 ug/L	96
6) Bromomethane	1.53	94	61720	3.027 ug/L	88
8) Chloroethane	1.60	64	109708	5.067 ug/L	100
9) Trichlorofluoromethane	1.77	101	252626	5.105 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	138645	5.015 ug/L	100
12) 1,1-Dichloroethene	2.14	96	134561	5.089 ug/L	92
13) Acetone	2.22	43	195937	53.628 ug/L	99
14) Carbon disulfide	2.31	76	400049	5.005 ug/L	99
15) Methyl Acetate	2.47	43	73708	5.390 ug/L	99
16) Methylene chloride	2.53	84	182533	4.767 ug/L	99
17) Methyl tert-butyl Ether	2.80	73	382403	5.434 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	177927	5.053 ug/L	99
19) 1,1-Dichloroethane	3.23	63	334365	5.177 ug/L	98
21) 2-Butanone	4.04	43	442667	55.613 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	185719	5.231 ug/L #	99

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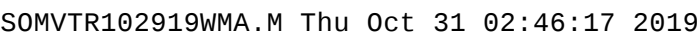
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC005

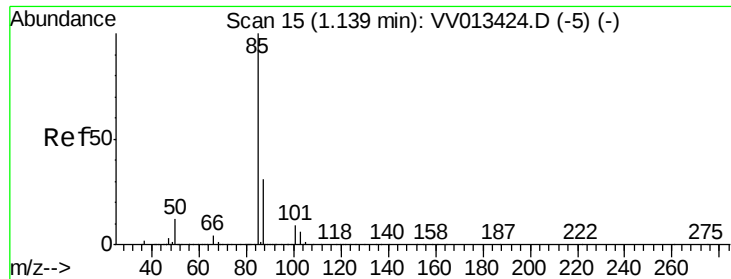
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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	78930	4.945	ug/L	97
25) Chloroform	4.42	83	337241	4.929	ug/L	98
27) 1,2-Dichloroethane	5.18	62	199655	5.287	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	284727	5.315	ug/L	98
30) Cyclohexane	4.72	56	299359	5.320	ug/L	98
31) Carbon tetrachloride	4.87	117	251572	5.173	ug/L	100
33) Benzene	5.14	78	731336	5.411	ug/L	100
34) Trichloroethene	5.96	95	189589	5.109	ug/L	99
35) Methylcyclohexane	6.17	83	285372	5.156	ug/L	99
37) 1,2-Dichloropropane	6.22	63	178899	5.235	ug/L	98
38) Bromodichloromethane	6.55	83	221922	5.176	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	245250	5.312	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1097689	57.048	ug/L	100
42) Toluene	7.43	91	772527	5.481	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	187028	5.126	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	116573	5.124	ug/L	98
47) Tetrachloroethene	8.02	164	155533	4.947	ug/L	99
48) 2-Hexanone	8.18	43	773671	56.867	ug/L	99
49) Dibromochloromethane	8.29	129	145100	5.156	ug/L	98
50) 1,2-Dibromoethane	8.39	107	111030	5.317	ug/L	97
51) Chlorobenzene	8.92	112	477402	5.248	ug/L	99
52) Ethylbenzene	9.05	91	808905	5.414	ug/L	100
53) m,p-xylene	9.18	106	310041	5.618	ug/L	96
54) o-xylene	9.59	106	297012	5.563	ug/L	98
55) Styrene	9.60	104	515398	5.729	ug/L	100
56) Isopropylbenzene	9.97	105	796165	5.540	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	136552	5.658	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	105071	5.343	ug/L	99
61) Bromoform	9.77	173	83941	5.326	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	393381	5.428	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	387572	5.333	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	355155	5.293	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	19017	4.991	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	298661	5.140	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	246289	5.475	ug/L	99
69) Naphthalene	13.55	128	349820	5.680	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	230355	5.636	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 4.921 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

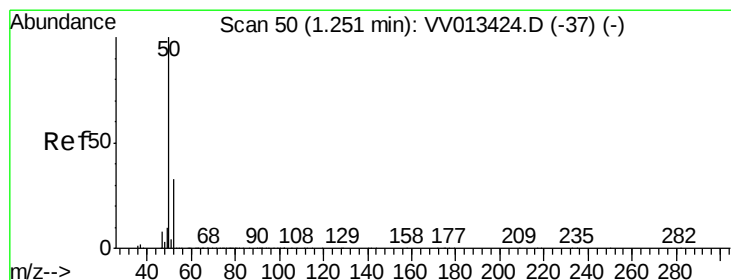
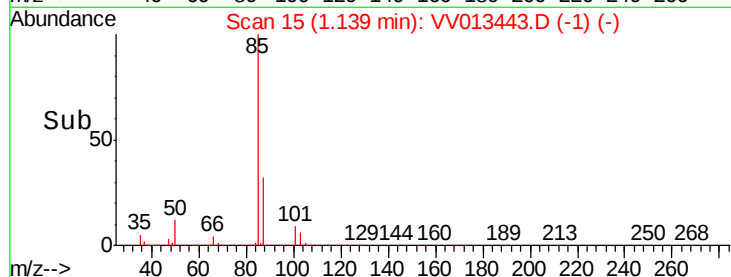
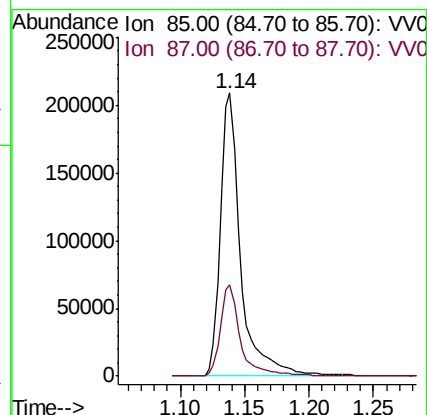
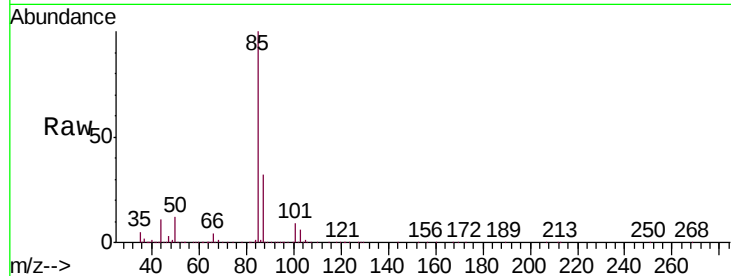
VSTDCCC005

Tgt Ion: 85 Resp: 228248

Ion Ratio Lower Upper

85 100

87 31.7 25.8 38.6



#3

Chloromethane

Concen: 4.737 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV013443.D

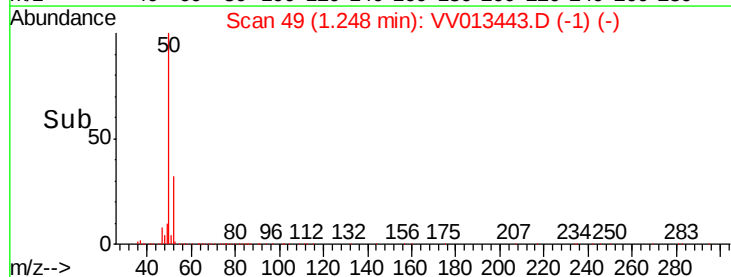
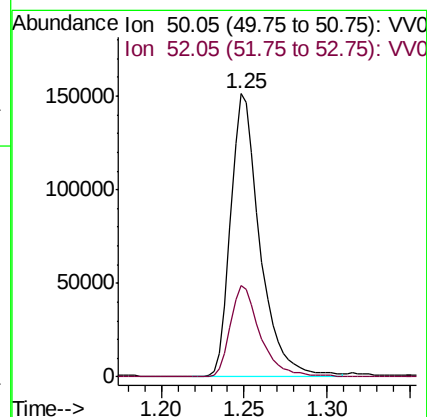
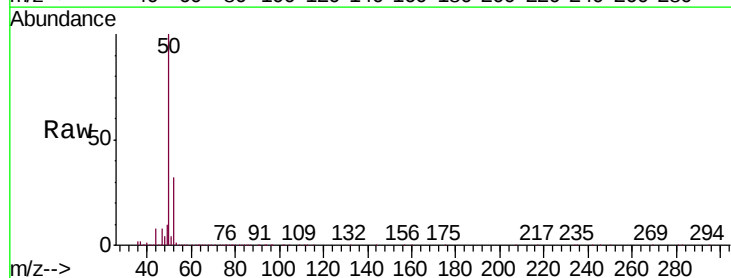
Acq: 30 Oct 2019 20:15

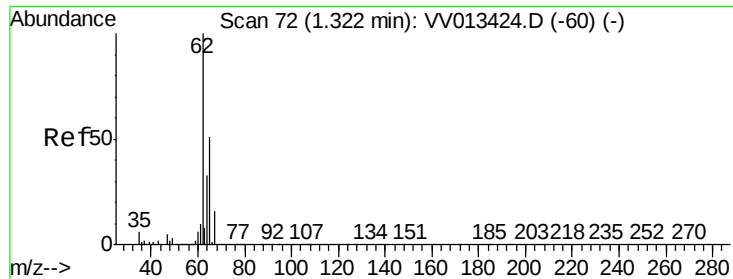
Tgt Ion: 50 Resp: 185006

Ion Ratio Lower Upper

50 100

52 32.2 21.9 40.7





#5

Vinyl chloride

Concen: 4.882 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

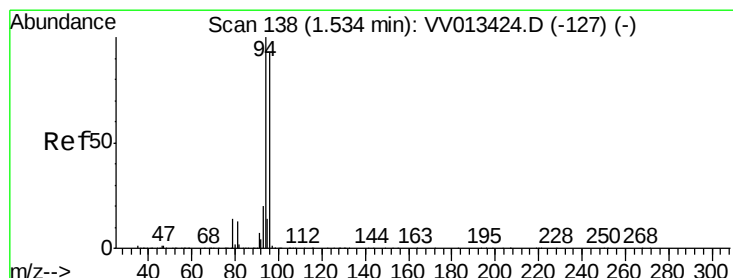
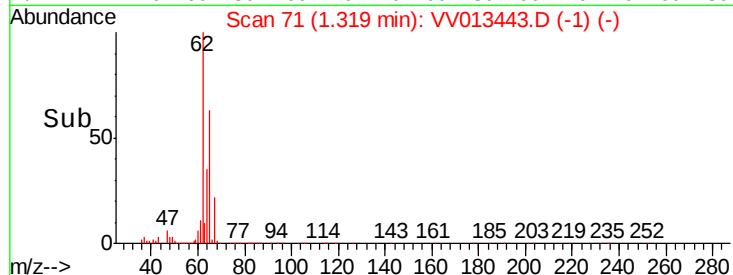
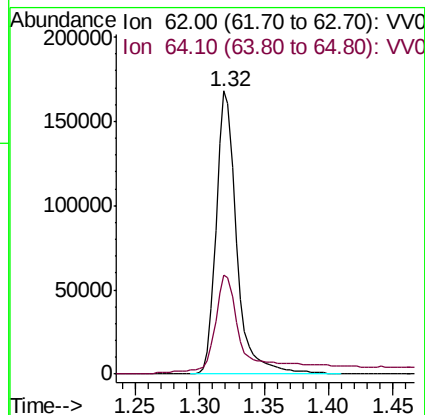
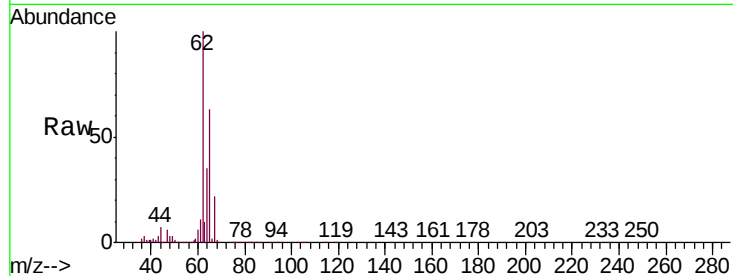
VSTDCCC005

Tgt Ion: 62 Resp: 185032

Ion Ratio Lower Upper

62 100

64 35.1 23.0 42.6



#6

Bromomethane

Concen: 3.027 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV013443.D

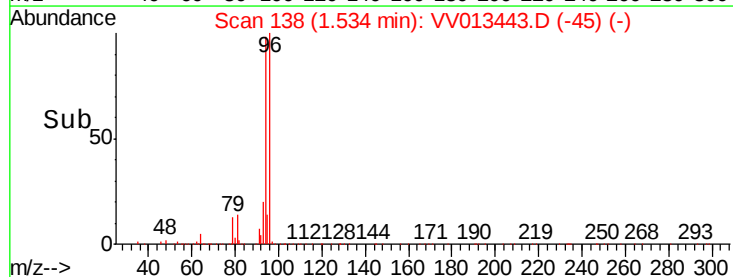
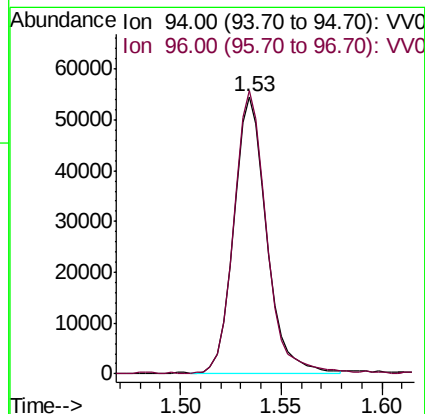
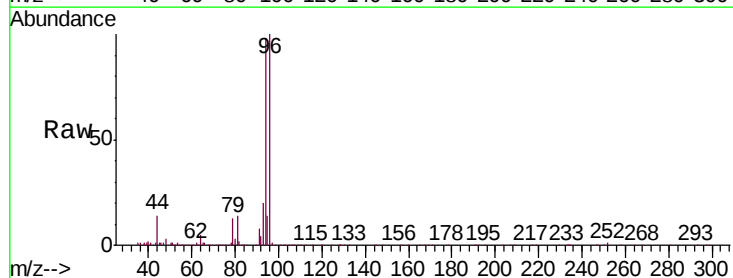
Acq: 30 Oct 2019 20:15

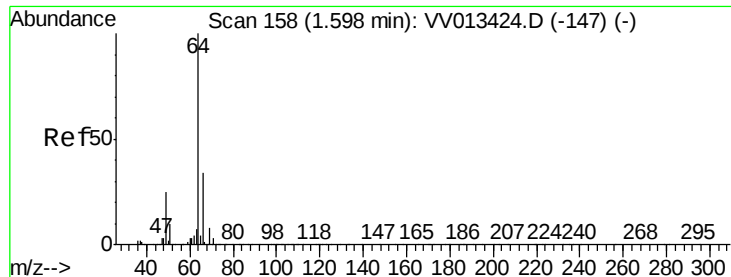
Tgt Ion: 94 Resp: 61720

Ion Ratio Lower Upper

94 100

96 102.1 63.8 118.4





#8

Chloroethane

Concen: 5.067 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

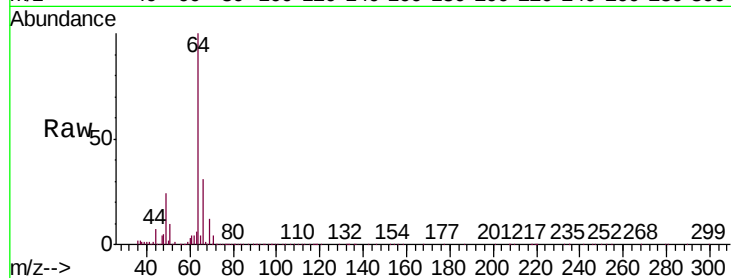
VSTDCCC005

Tgt Ion: 64 Resp: 109708

Ion Ratio Lower Upper

64 100

66 31.4 22.0 41.0



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.60

100000

80000

60000

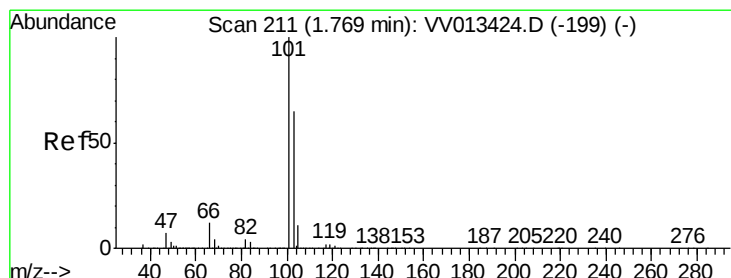
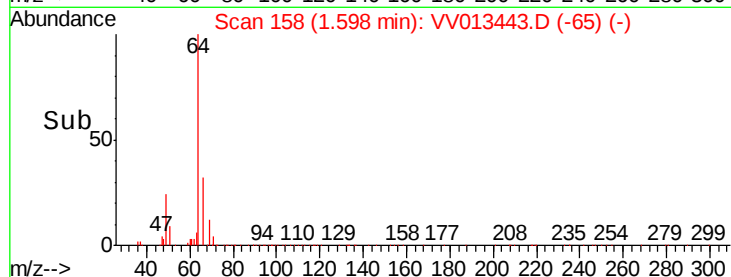
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#9

Trichlorofluoromethane

Concen: 5.105 ug/L

RT: 1.77 min Scan# 211

Delta R.T. 0.00 min

Lab File: VV013443.D

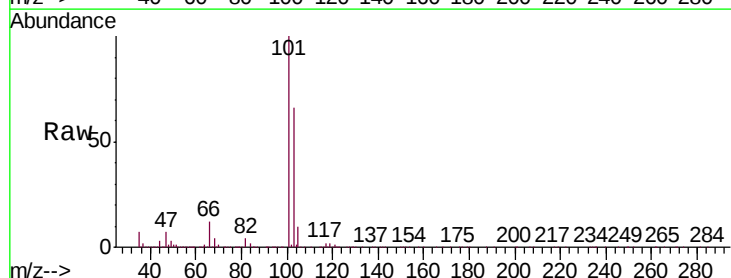
Acq: 30 Oct 2019 20:15

Tgt Ion: 101 Resp: 252626

Ion Ratio Lower Upper

101 100

103 65.4 54.2 81.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.77

200000

150000

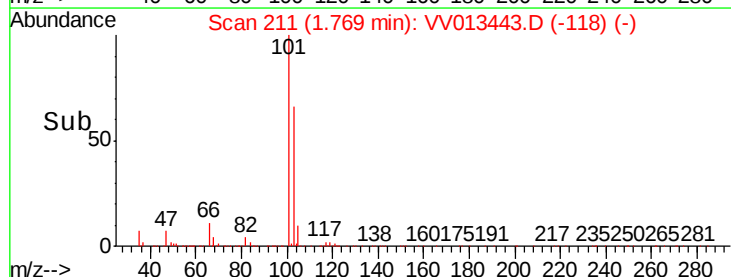
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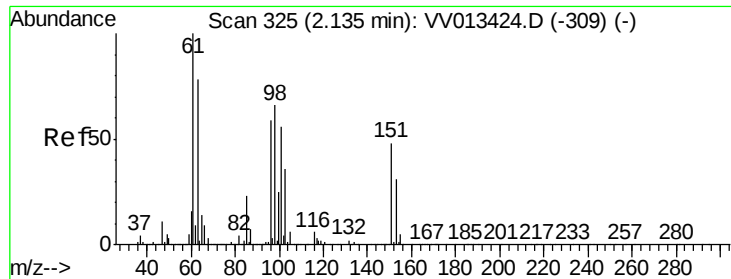
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0

1.70 1.75 1.80 1.85

Time-->





#10

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

Concen: 5.015 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC005

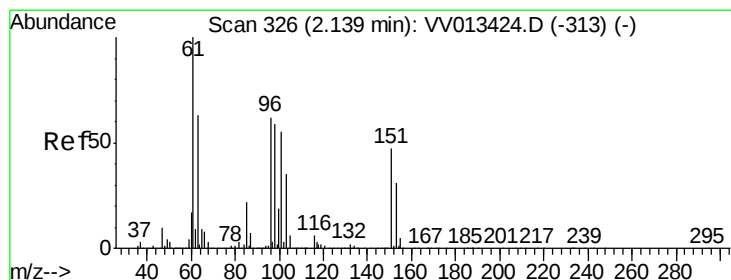
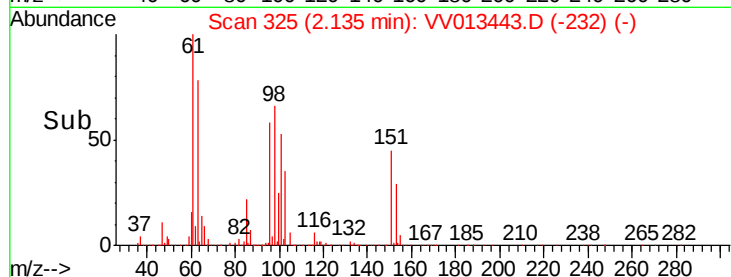
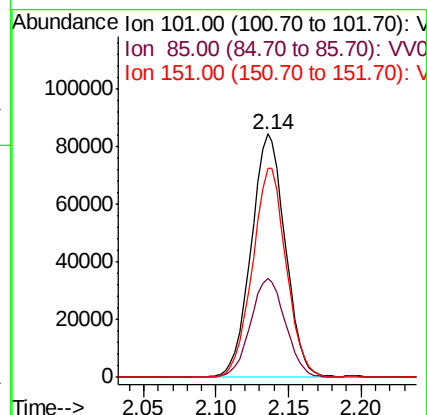
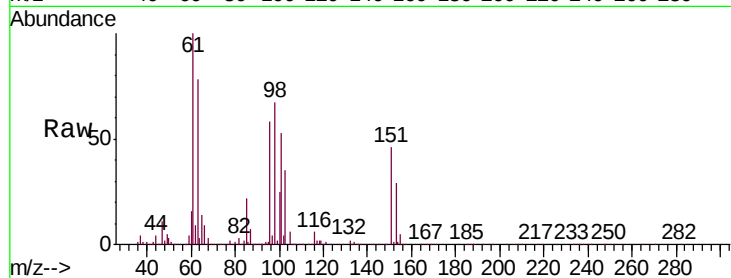
Tgt Ion: 101 Resp: 138645

Ion Ratio Lower Upper

101 100

85 41.0 33.0 49.4

151 85.3 68.2 102.2



#12

1,1-Dichloroethene

Concen: 5.089 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

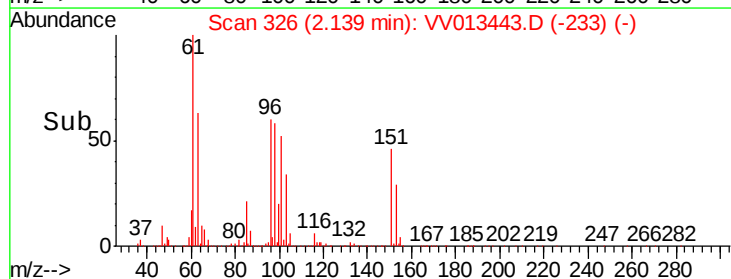
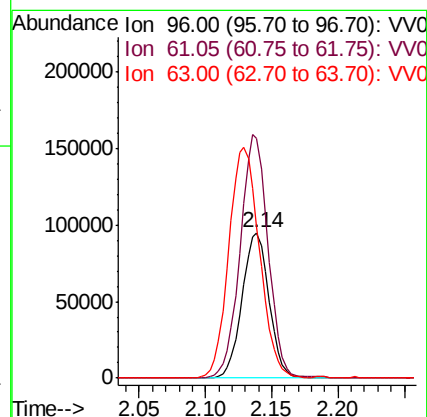
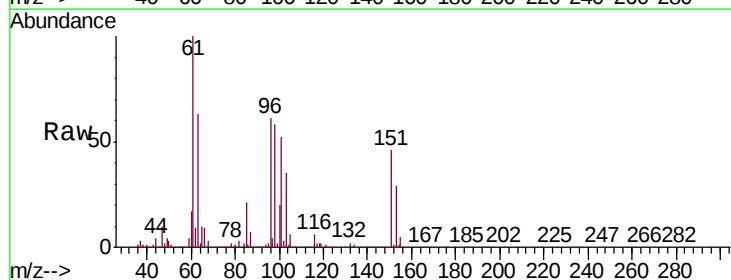
Tgt Ion: 96 Resp: 134561

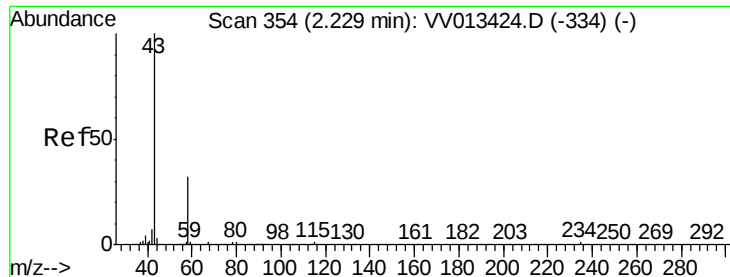
Ion Ratio Lower Upper

96 100

61 165.2 117.8 218.8

63 104.7 85.5 158.9





#13

Acetone

Concen: 53.628 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.01 min

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ClientSampleId :

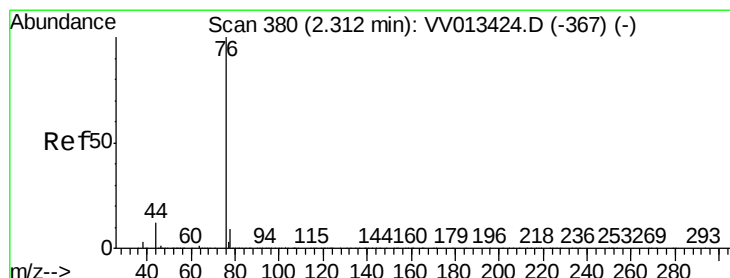
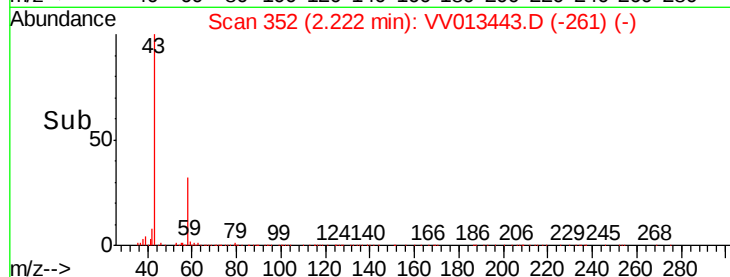
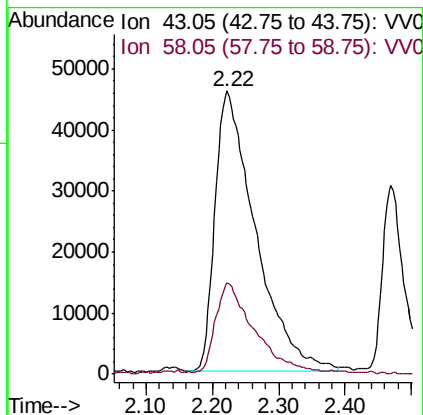
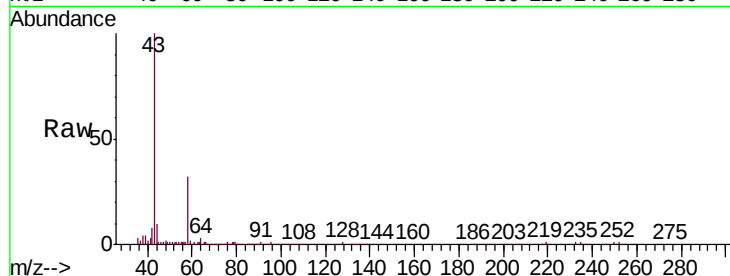
VSTDCCC005

Tgt Ion: 43 Resp: 195937

Ion Ratio Lower Upper

43 100

58 30.1 0.0 59.0



#14

Carbon disulfide

Concen: 5.005 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV013443.D

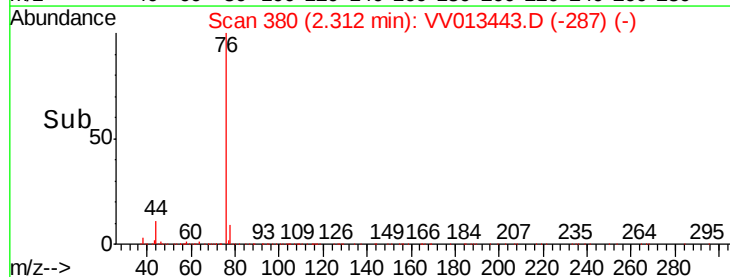
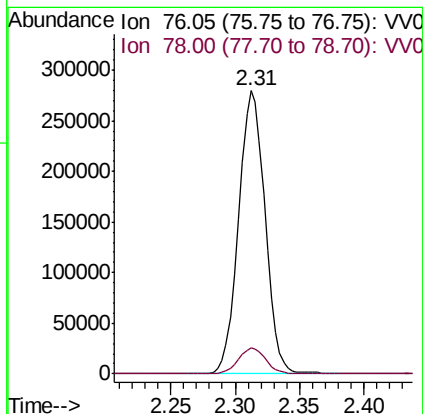
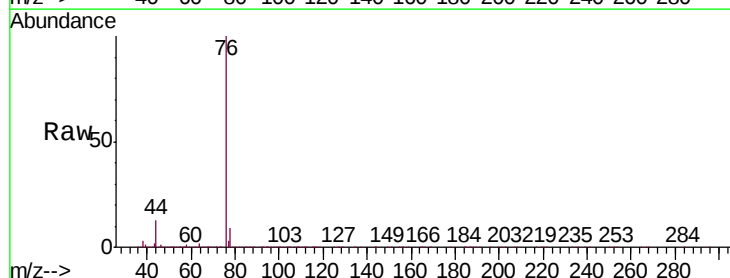
Acq: 30 Oct 2019 20:15

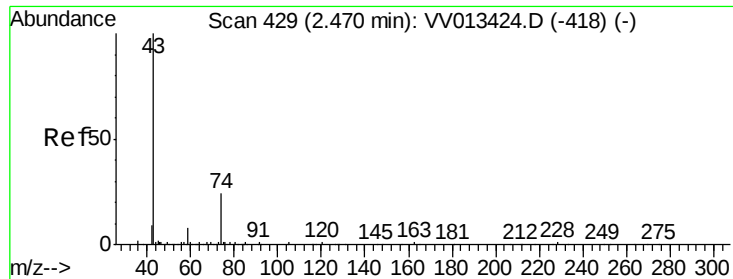
Tgt Ion: 76 Resp: 400049

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

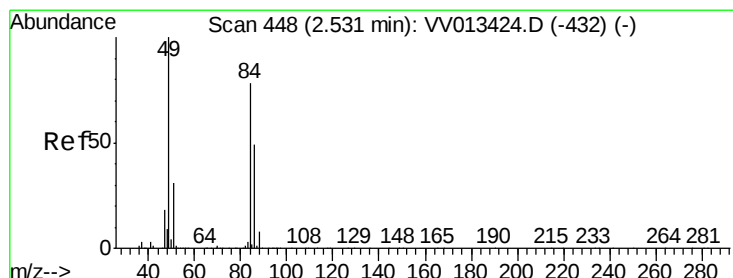
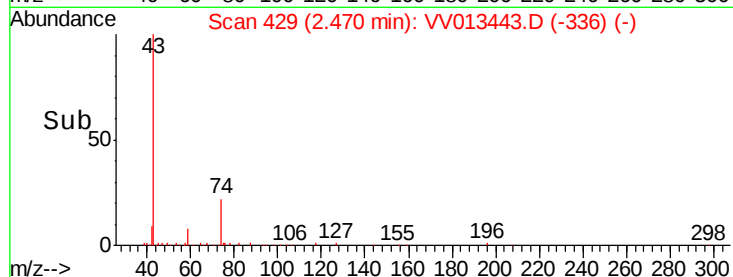
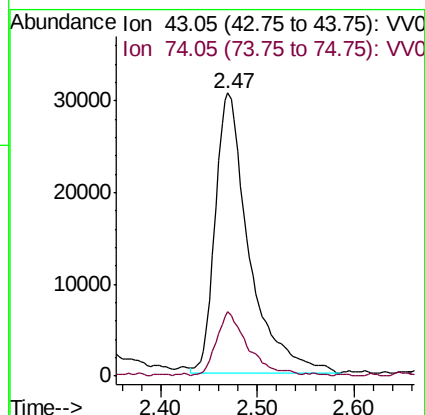
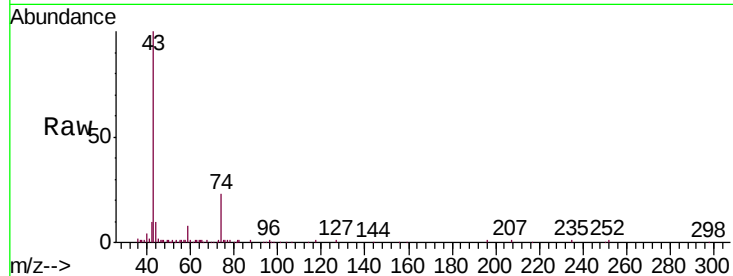




#15
Methyl Acetate
Concen: 5.390 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV013443.D
Acq: 30 Oct 2019 20:15

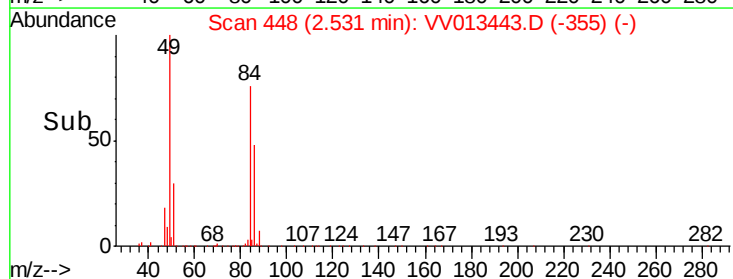
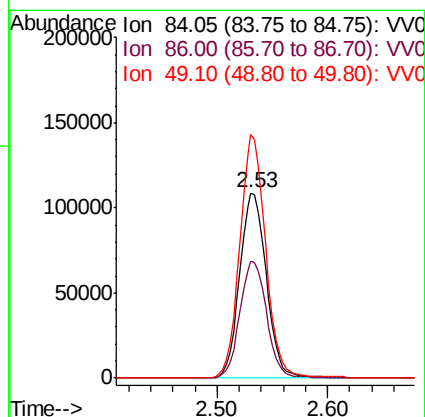
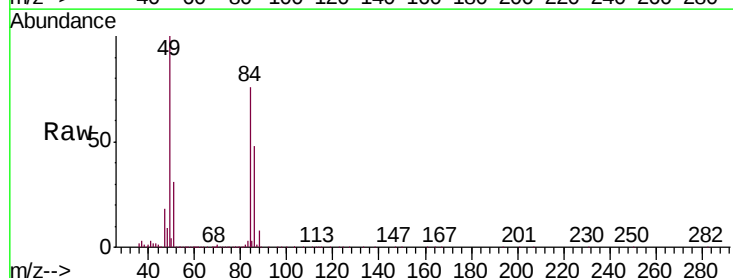
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC005

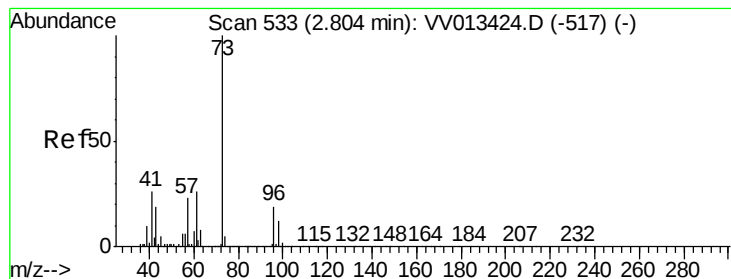
Tgt Ion: 43 Resp: 73708
Ion Ratio Lower Upper
43 100
74 20.7 17.0 25.6



#16
Methylene chloride
Concen: 4.767 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV013443.D
Acq: 30 Oct 2019 20:15

Tgt Ion: 84 Resp: 182533
Ion Ratio Lower Upper
84 100
86 62.9 43.8 81.4
49 131.4 90.4 168.0





#17

Methyl tert-butyl Ether

Concen: 5.434 ug/L

RT: 2.80 min Scan# 533

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC005

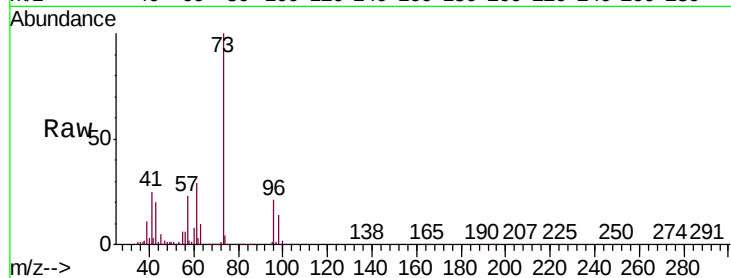
Tgt Ion: 73 Resp: 382403

Ion Ratio Lower Upper

73 100

43 19.6 16.6 25.0

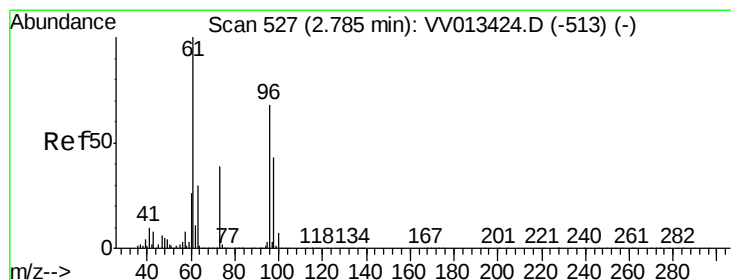
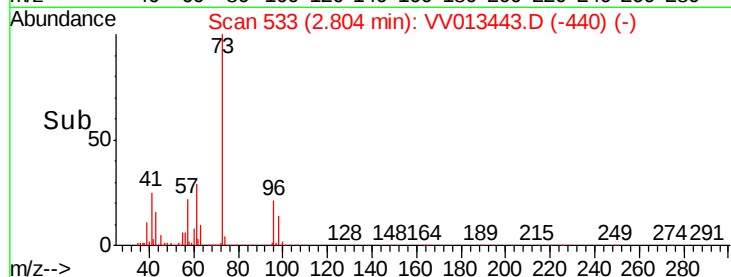
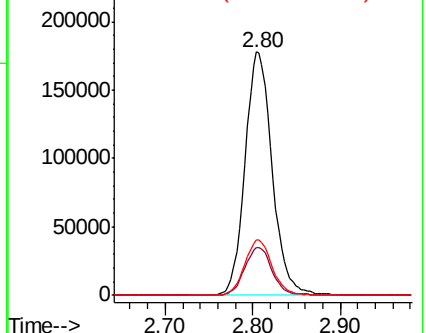
57 22.9 18.8 28.2



Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0



#18

trans-1,2-Dichloroethene

Concen: 5.053 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

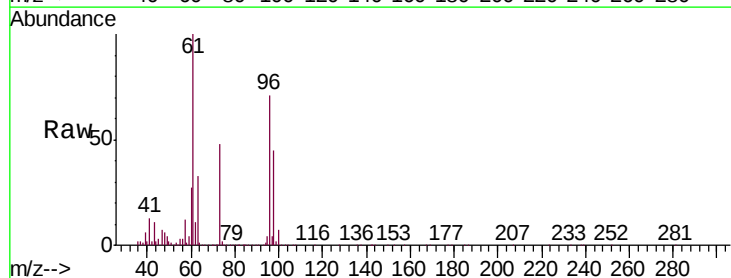
Tgt Ion: 96 Resp: 177927

Ion Ratio Lower Upper

96 100

61 140.7 100.1 185.9

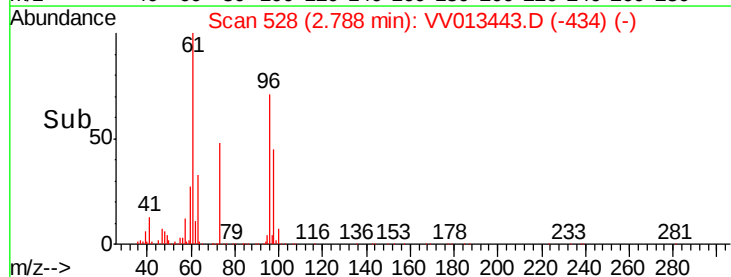
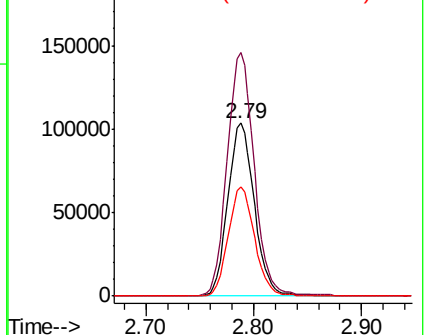
98 63.0 44.2 82.0

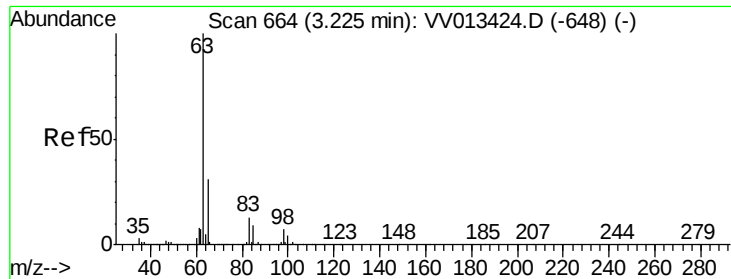


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

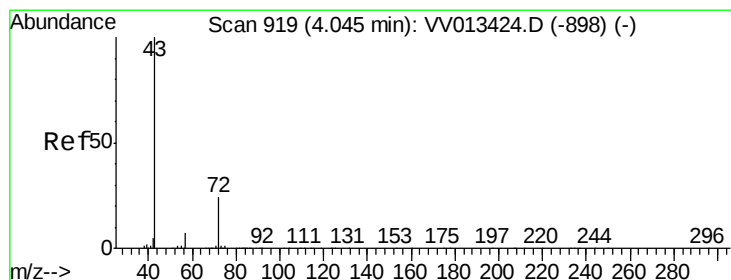
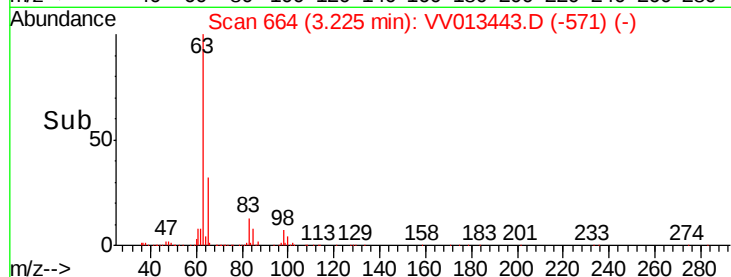
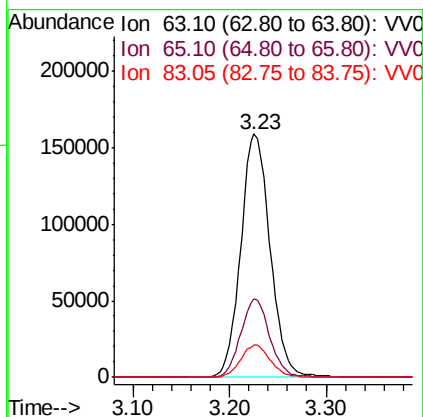
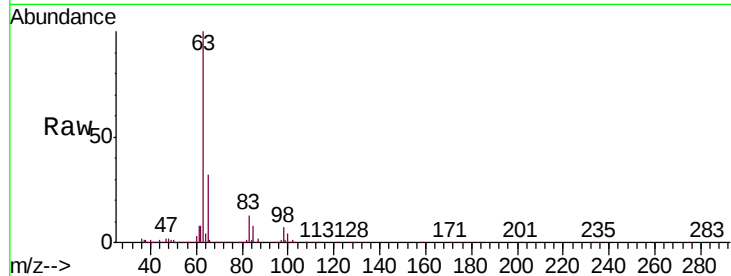




#19
 1,1-Dichloroethane
 Concen: 5.177 ug/L
 RT: 3.23 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

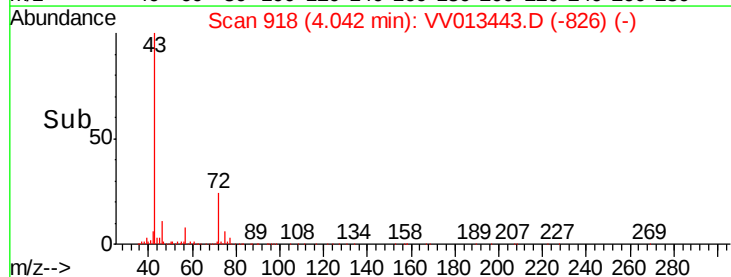
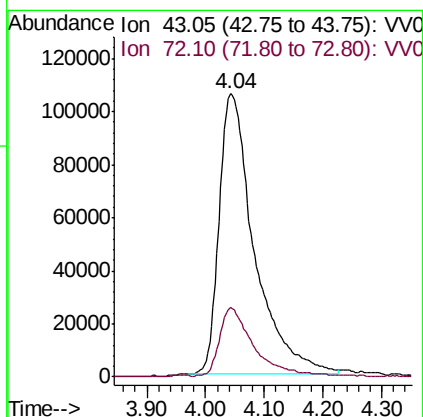
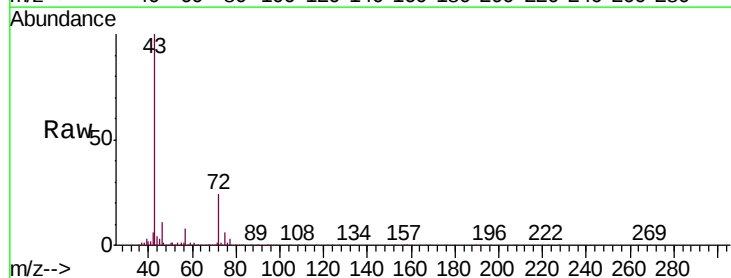
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC005

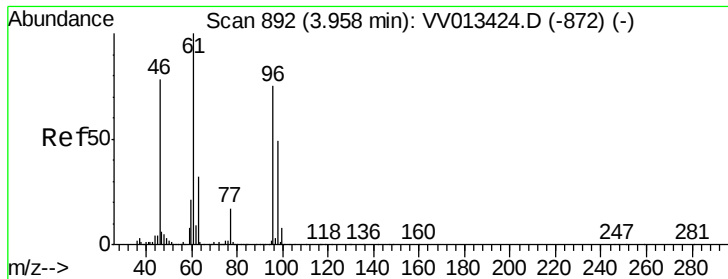
Tgt Ion: 63 Resp: 334365
 Ion Ratio Lower Upper
 63 100
 65 32.4 21.7 40.3
 83 13.1 8.9 16.5



#21
 2-Butanone
 Concen: 55.613 ug/L
 RT: 4.04 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

Tgt Ion: 43 Resp: 442667
 Ion Ratio Lower Upper
 43 100
 72 23.2 11.3 33.9



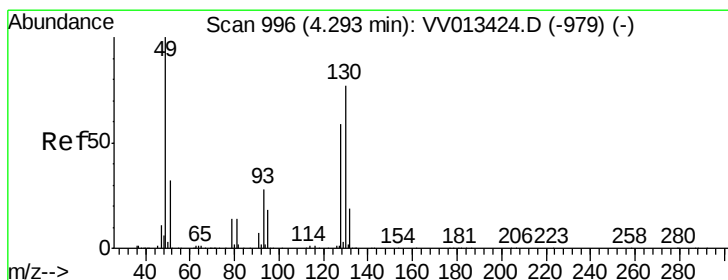
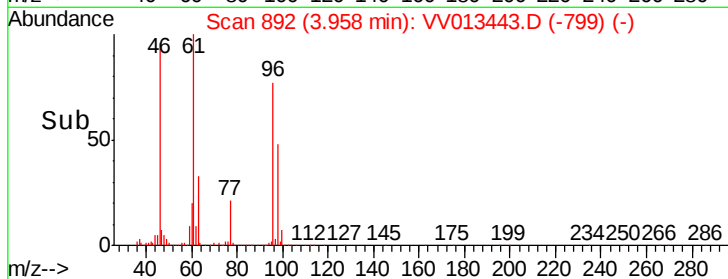
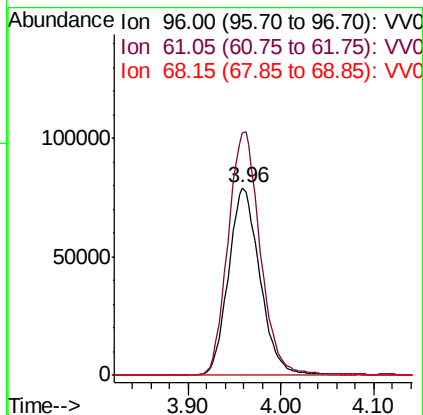
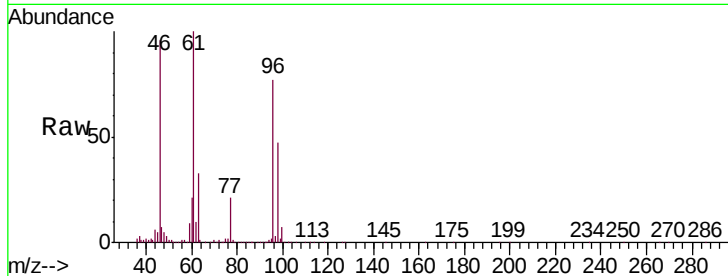


#22

cis-1,2-Dichloroethene
 Concen: 5.231 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC005

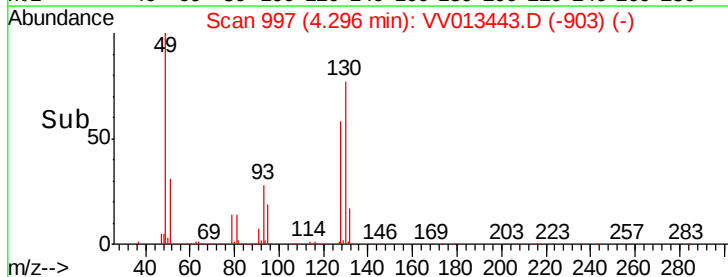
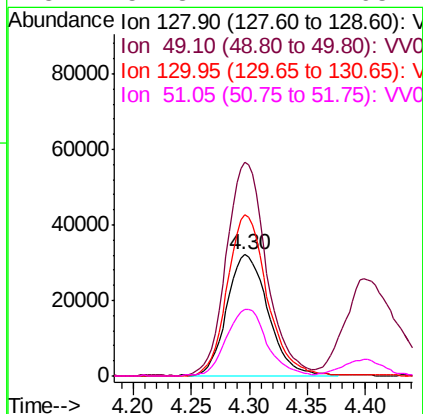
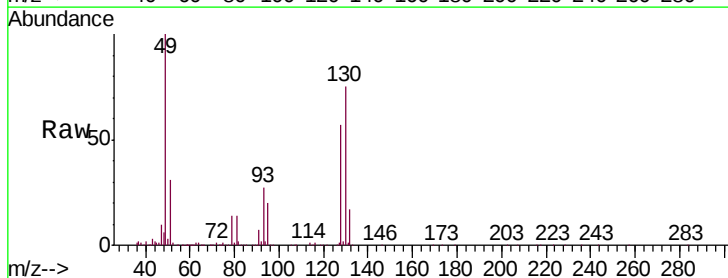
Tgt Ion: 96 Resp: 185719
 Ion Ratio Lower Upper
 96 100
 61 129.5 89.9 167.0
 68 0.3 0.1 0.3#

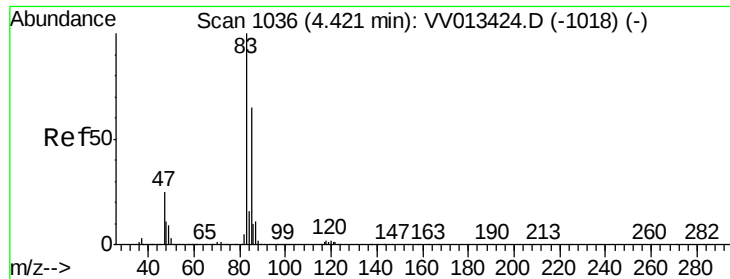


#23

Bromochloromethane
 Concen: 4.945 ug/L
 RT: 4.30 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

Tgt Ion: 128 Resp: 78930
 Ion Ratio Lower Upper
 128 100
 49 175.7 123.6 229.6
 130 132.5 88.3 164.1
 51 54.3 42.2 63.2

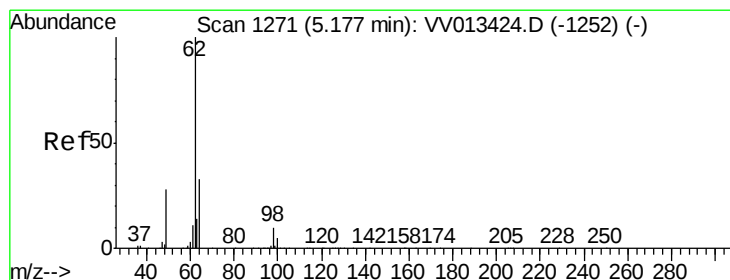
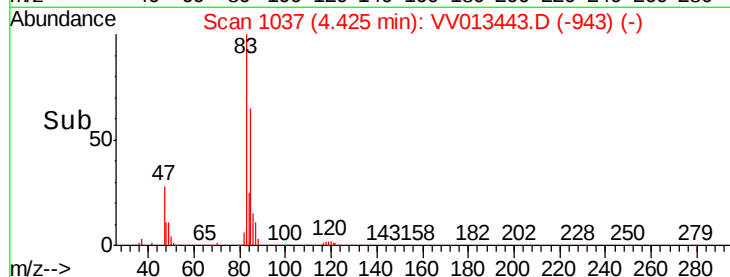
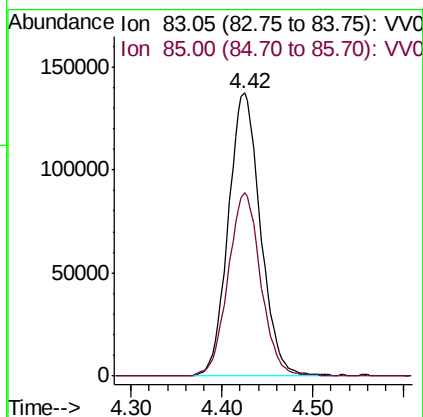
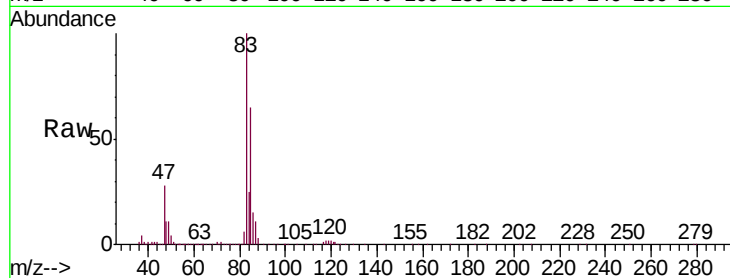




#25
Chloroform
Concen: 4.929 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013443.D
Acq: 30 Oct 2019 20:15

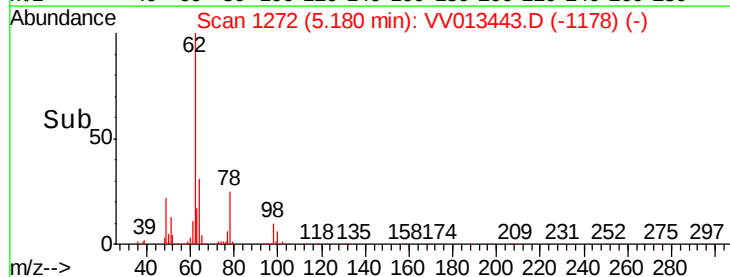
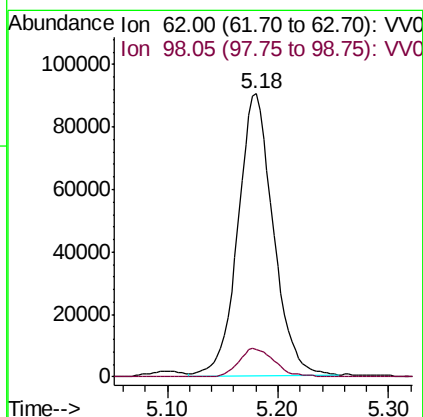
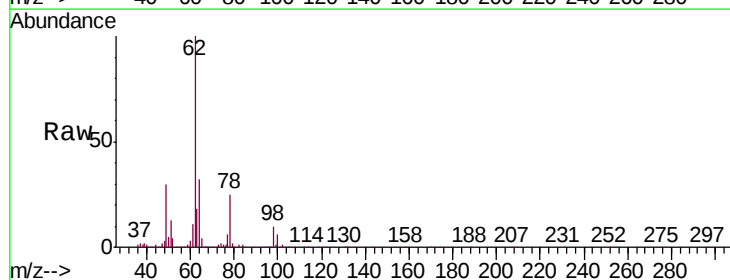
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC005

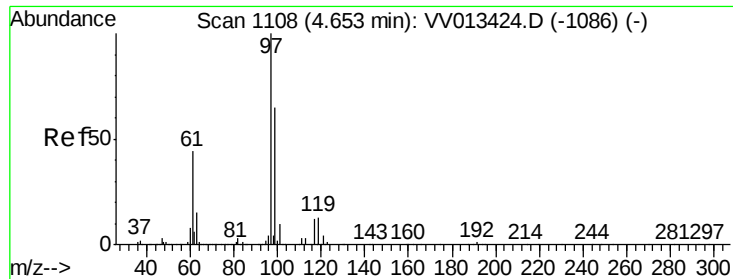
Tgt Ion: 83 Resp: 337241
Ion Ratio Lower Upper
83 100
85 64.8 46.5 86.5



#27
1,2-Dichloroethane
Concen: 5.287 ug/L
RT: 5.18 min Scan# 1272
Delta R.T. 0.00 min
Lab File: VV013443.D
Acq: 30 Oct 2019 20:15

Tgt Ion: 62 Resp: 199655
Ion Ratio Lower Upper
62 100
98 9.9 8.6 12.8

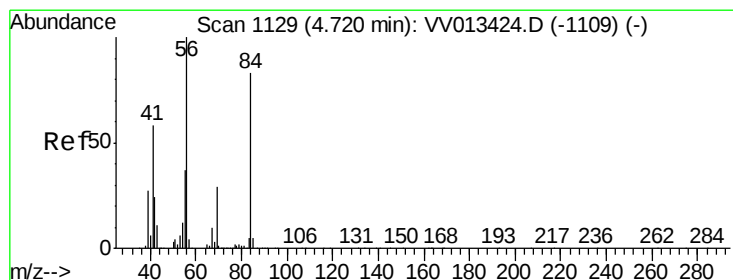
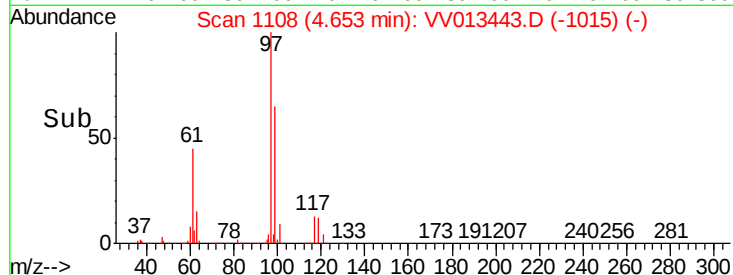
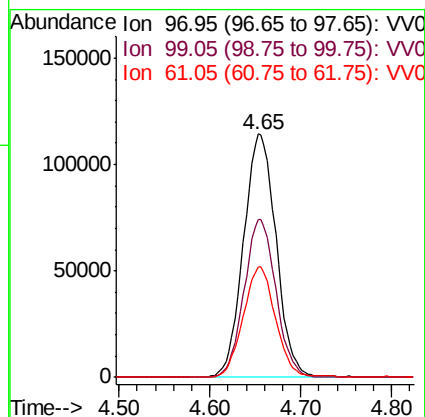
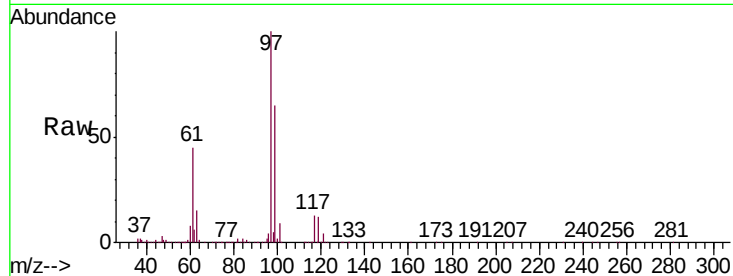




#29
 1,1,1-Trichloroethane
 Concen: 5.315 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

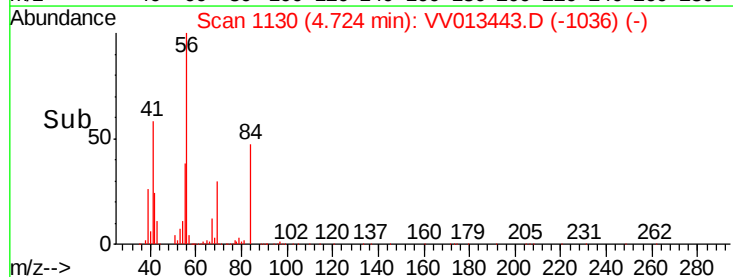
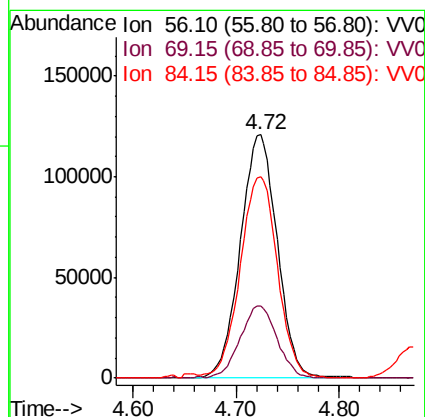
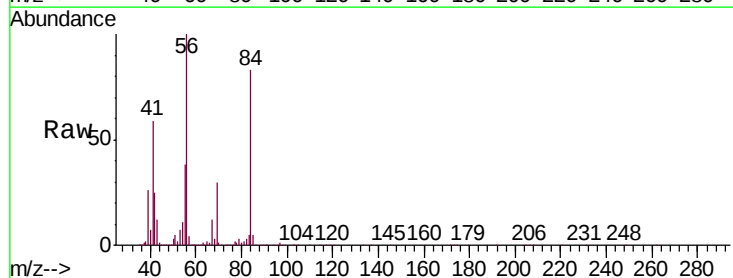
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC005

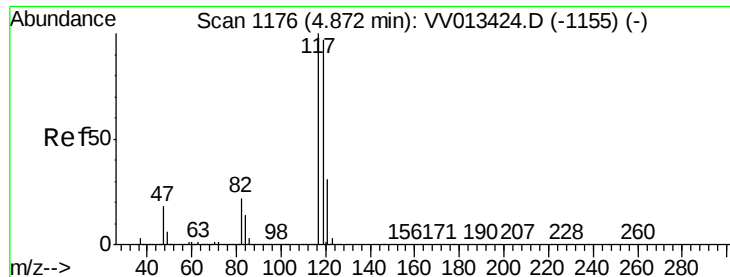
Tgt Ion:	97	Resp:	284727
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.3	76.9
61	44.6	36.8	55.2



#30
 Cyclohexane
 Concen: 5.320 ug/L
 RT: 4.72 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

Tgt Ion:	56	Resp:	299359
Ion	Ratio	Lower	Upper
56	100		
69	29.8	22.7	34.1
84	83.5	65.5	98.3





#31

Carbon tetrachloride

Concen: 5.173 ug/L

RT: 4.87 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

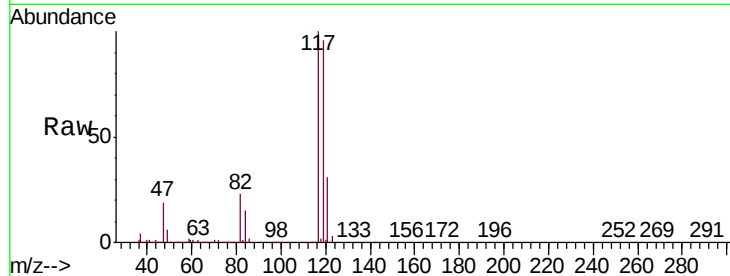
VSTDCCC005

Tgt Ion:117 Resp: 251572

Ion Ratio Lower Upper

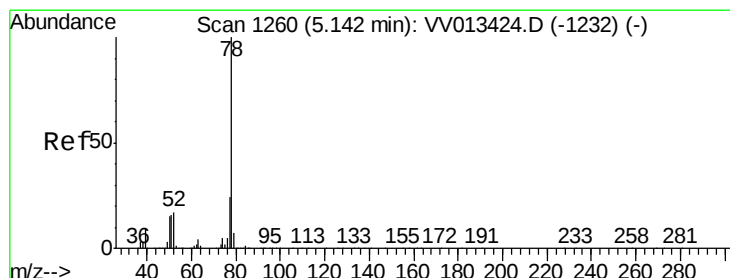
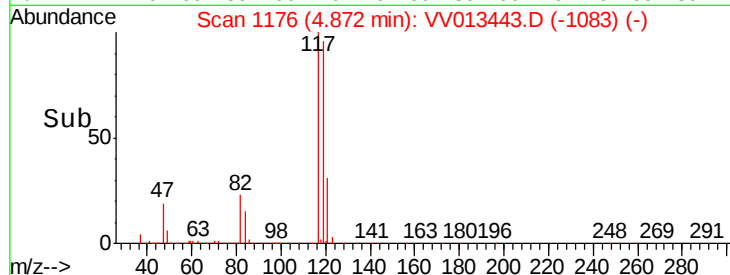
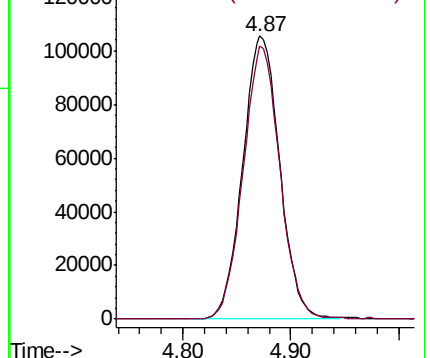
117 100

119 95.7 76.7 115.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.411 ug/L

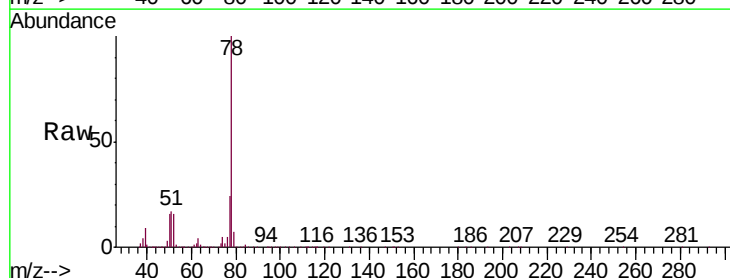
RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

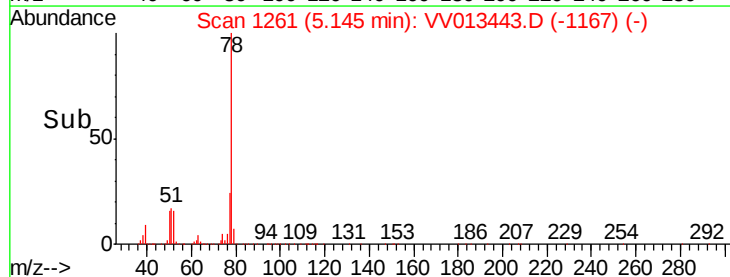
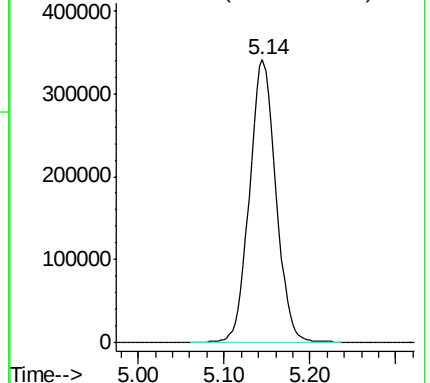
Lab File: VV013443.D

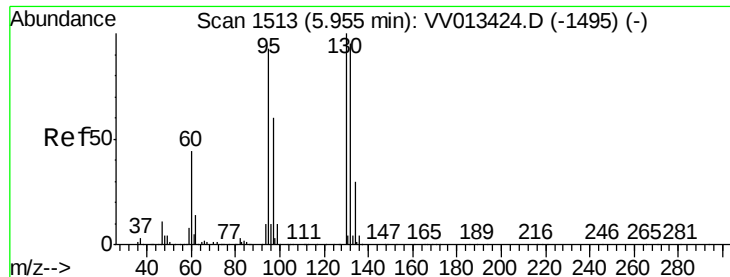
Acq: 30 Oct 2019 20:15

Tgt Ion: 78 Resp: 731336



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 5.109 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC005

Tgt Ion: 95 Resp: 189589

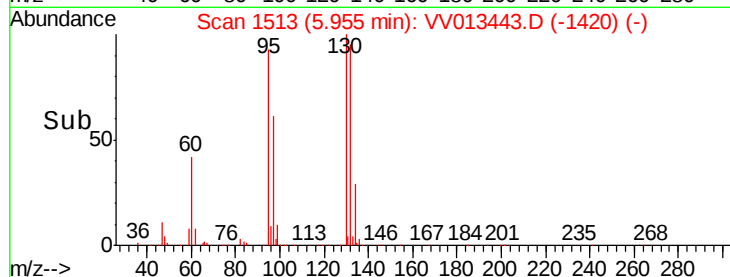
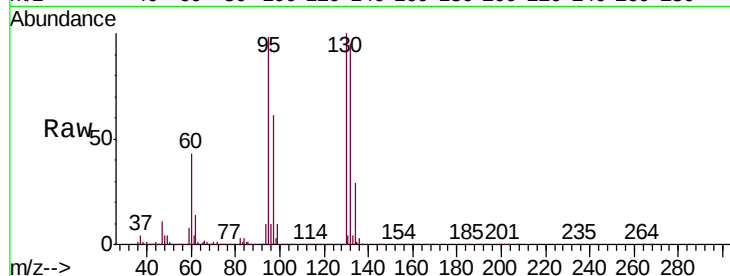
Ion Ratio Lower Upper

95 100

97 62.0 43.9 81.5

132 96.8 68.7 127.7

130 102.4 72.1 133.9

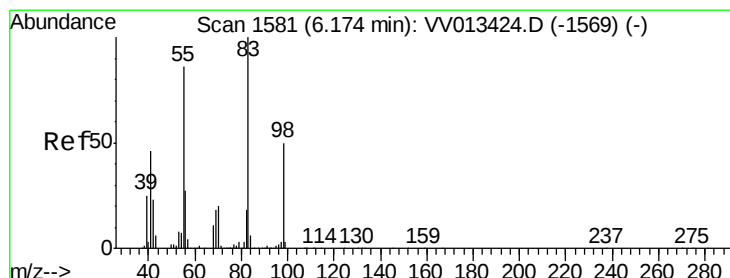
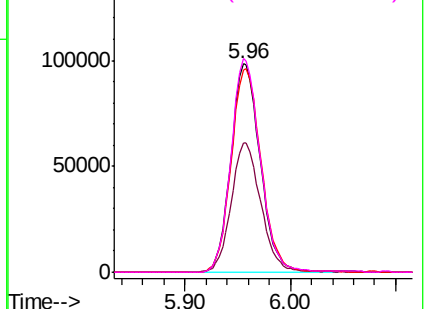


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 5.156 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

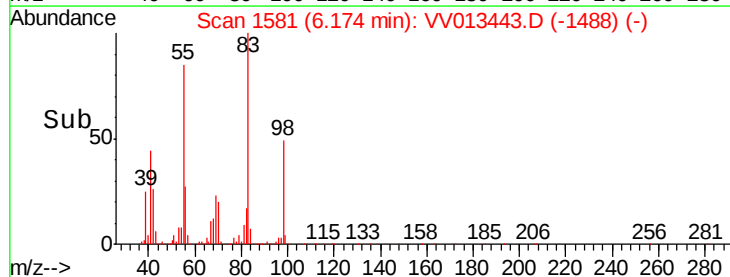
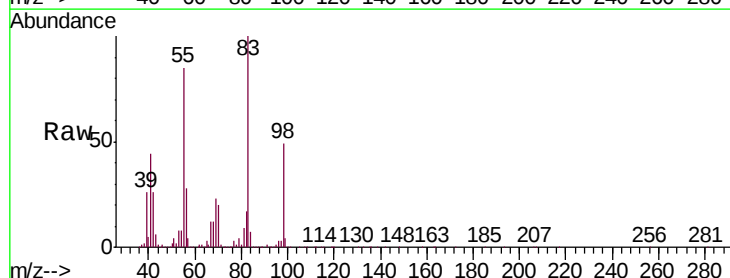
Tgt Ion: 83 Resp: 285372

Ion Ratio Lower Upper

83 100

55 83.7 66.0 99.0

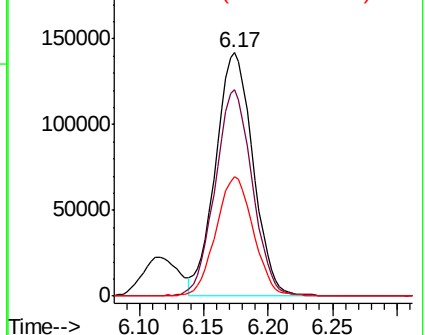
98 48.8 38.2 57.4

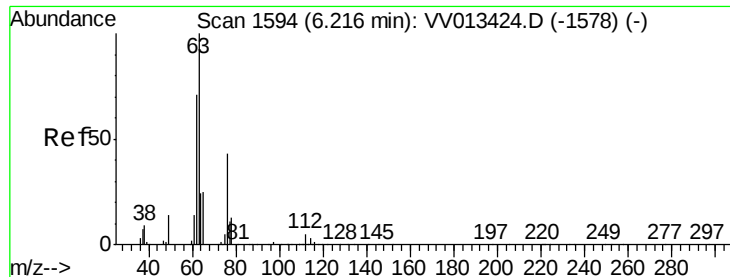


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

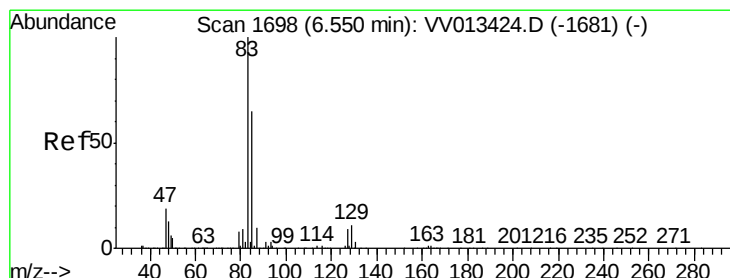
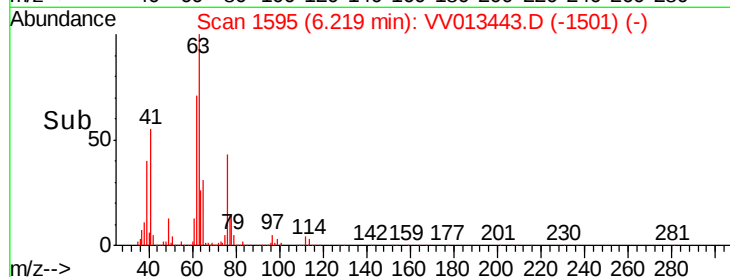
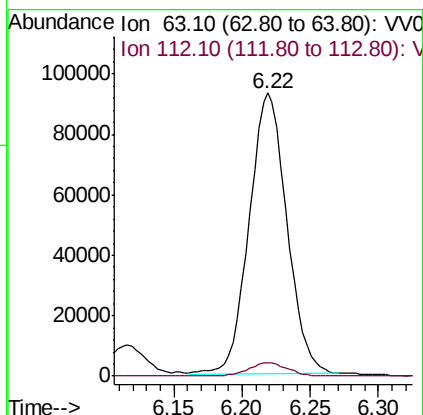
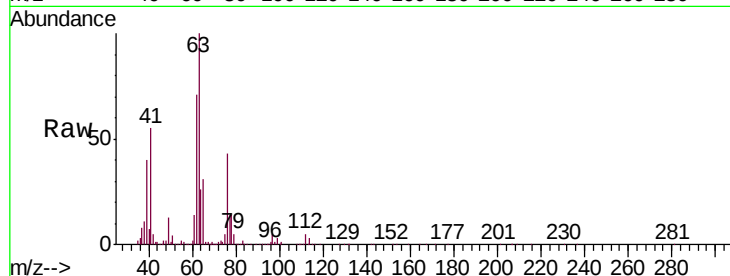




#37
 1,2-Dichloropropane
 Concen: 5.235 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

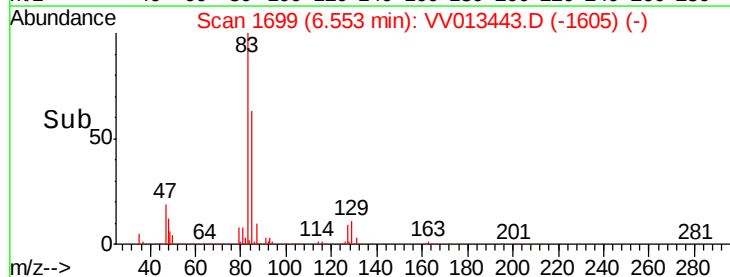
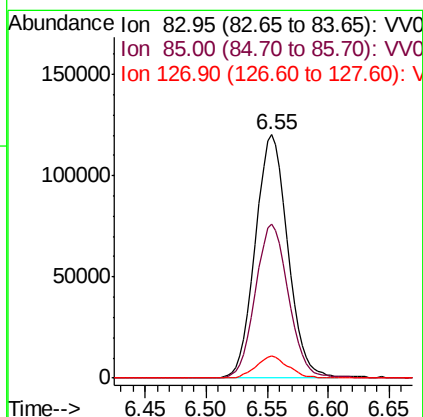
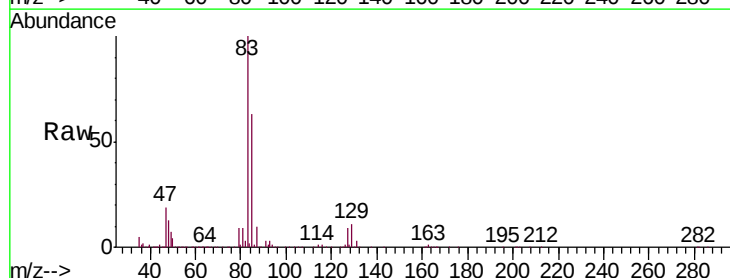
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC005

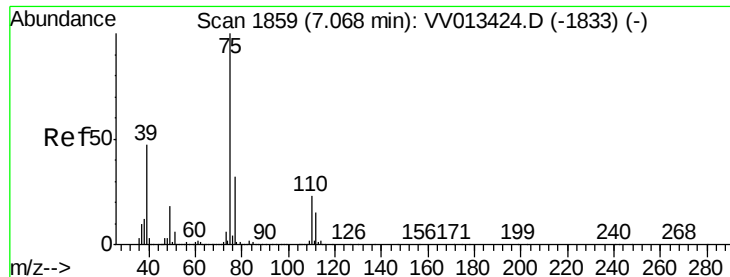
Tgt Ion: 63 Resp: 178899
 Ion Ratio Lower Upper
 63 100
 112 5.1 3.6 5.4



#38
 Bromodichloromethane
 Concen: 5.176 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

Tgt Ion: 83 Resp: 221922
 Ion Ratio Lower Upper
 83 100
 85 63.3 45.1 83.7
 127 9.3 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 5.312 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

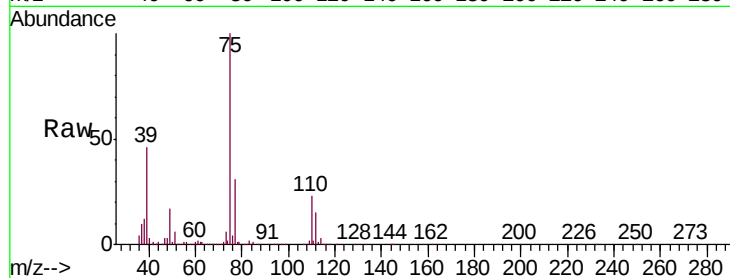
VSTDCCC005

Tgt Ion: 75 Resp: 245250

Ion Ratio Lower Upper

75 100

77 31.5 21.1 39.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.07

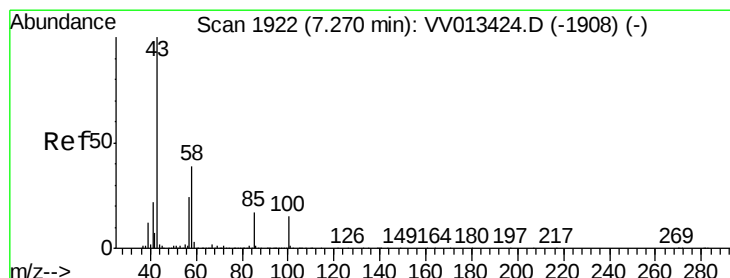
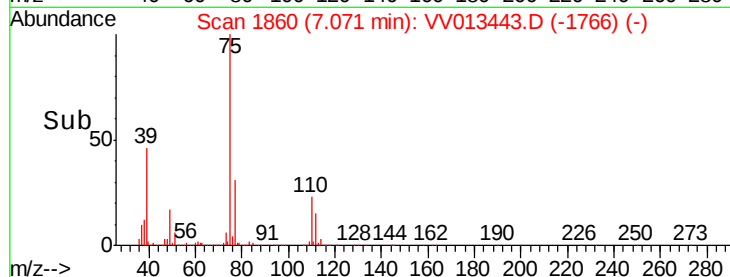
150000

100000

50000

0

Time-->



#40

4-Methyl-2-pentanone

Concen: 57.048 ug/L

RT: 7.27 min Scan# 1923

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

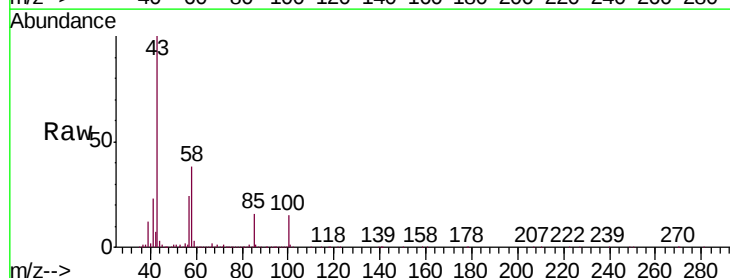
Tgt Ion: 43 Resp: 1097689

Ion Ratio Lower Upper

43 100

58 37.5 29.8 44.8

100 14.5 11.6 17.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0

800000

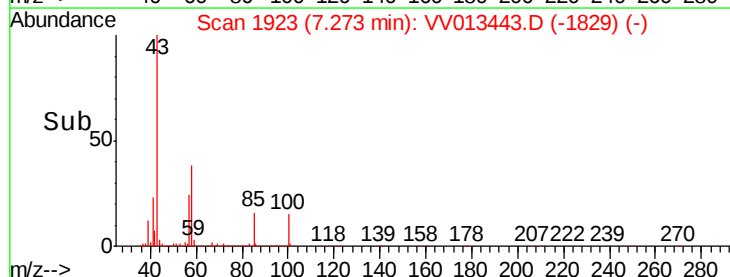
600000

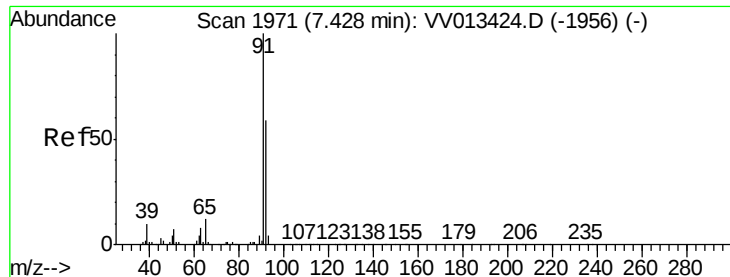
400000

200000

0

Time-->





#42

Toluene

Concen: 5.481 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

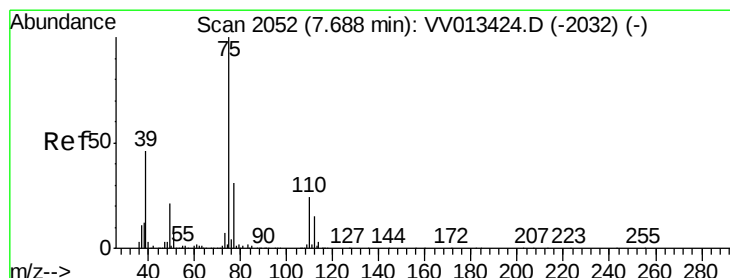
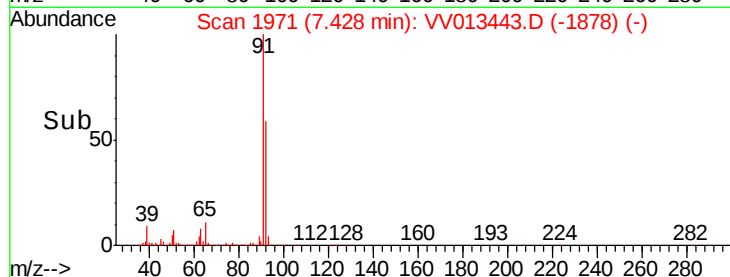
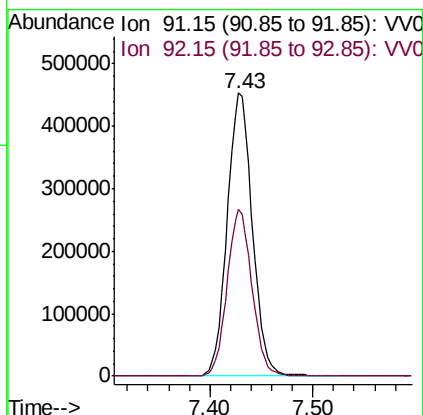
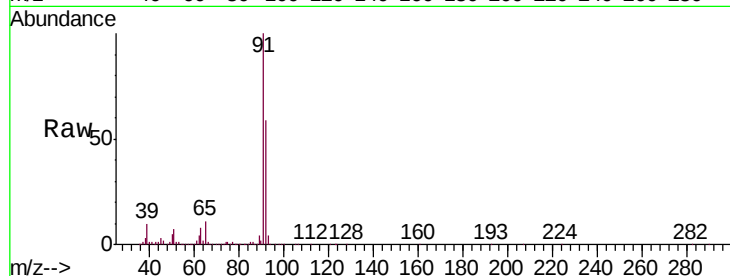
VSTDCCC005

Tgt Ion: 91 Resp: 772527

Ion Ratio Lower Upper

91 100

92 59.0 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 5.126 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV013443.D

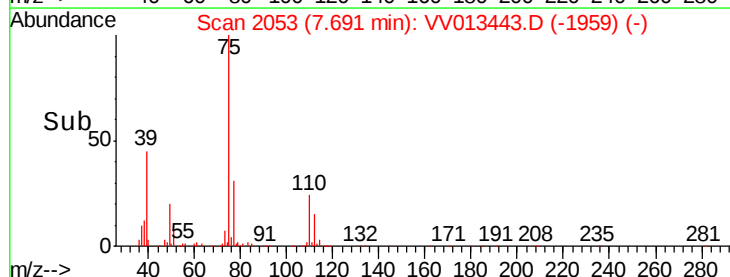
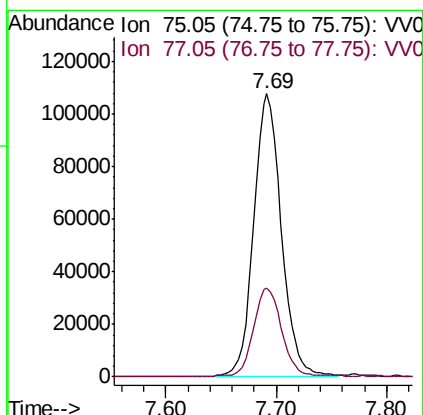
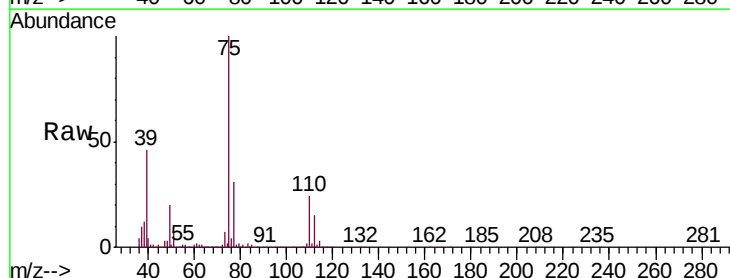
Acq: 30 Oct 2019 20:15

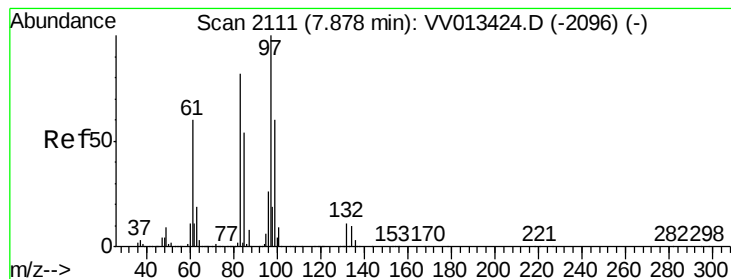
Tgt Ion: 75 Resp: 187028

Ion Ratio Lower Upper

75 100

77 31.5 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 5.124 ug/L

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC005

Tgt Ion: 97 Resp: 116573

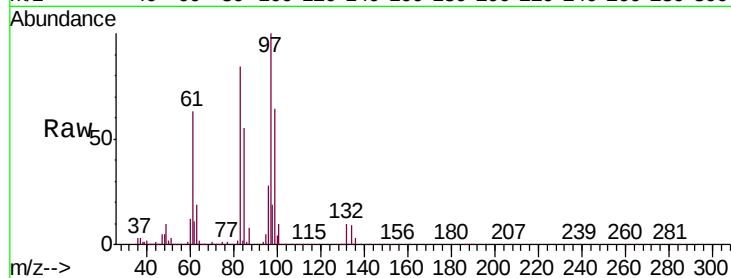
Ion Ratio Lower Upper

97 100

99 63.8 41.6 77.3

83 84.0 58.7 109.1

85 54.6 37.5 69.7

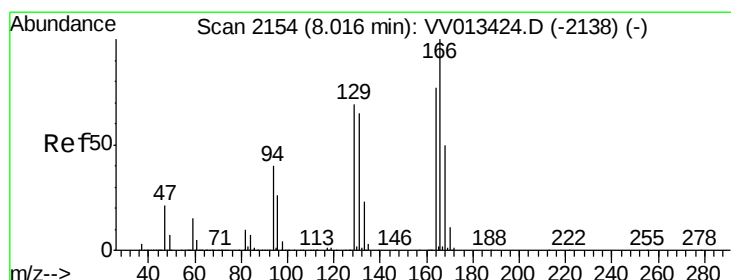
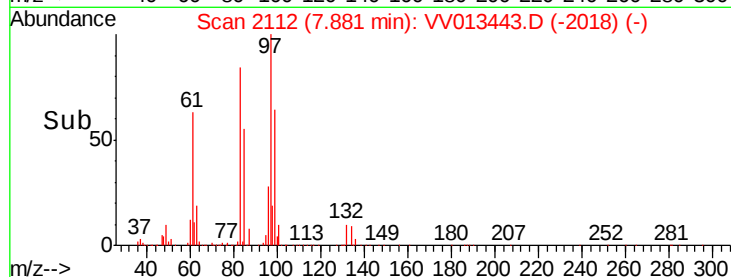
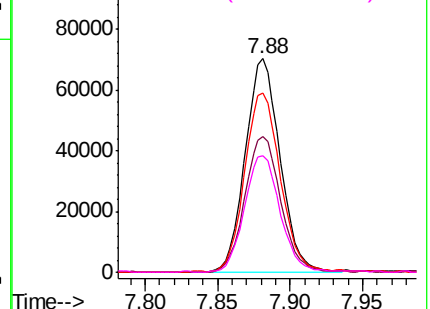


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 4.947 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Tgt Ion: 164 Resp: 155533

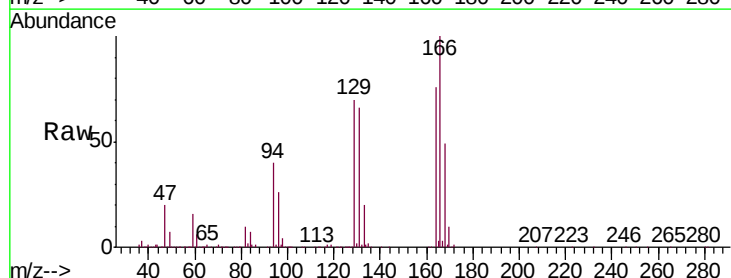
Ion Ratio Lower Upper

164 100

129 91.9 63.4 117.8

131 86.2 60.3 112.1

166 131.0 90.8 168.6

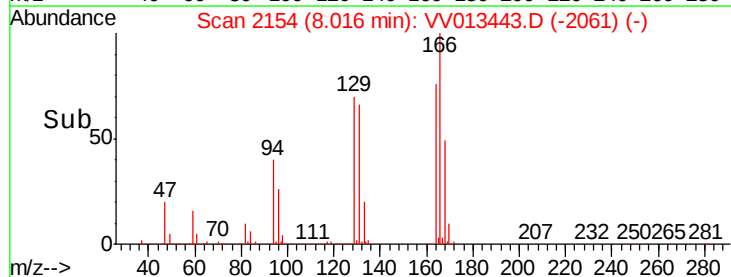
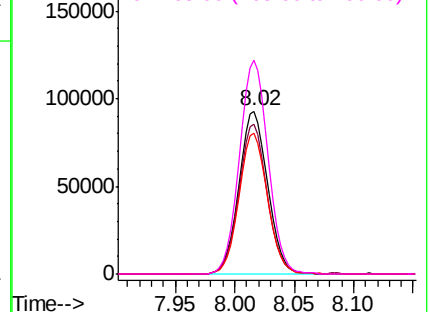


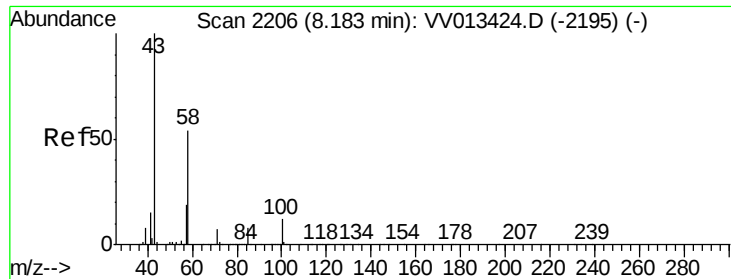
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

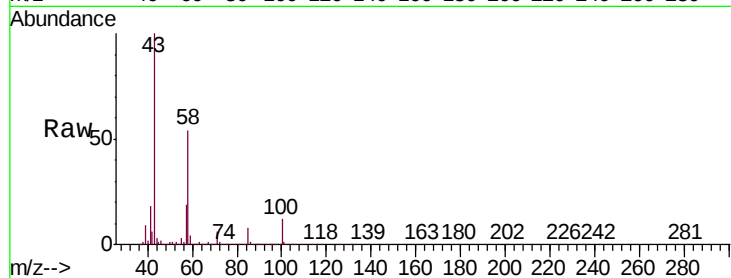




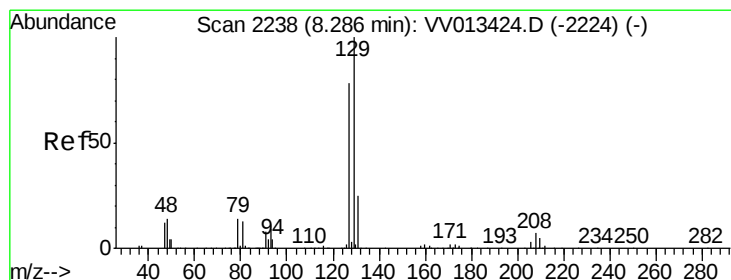
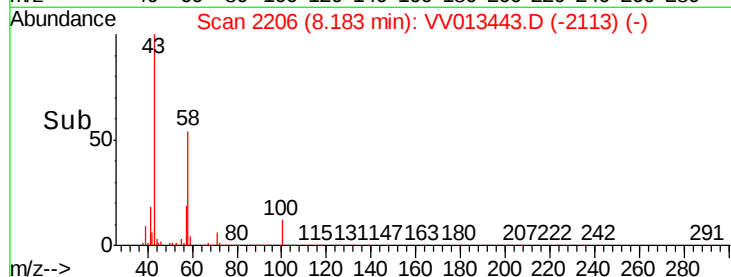
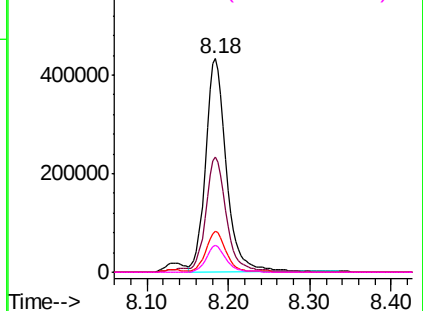
#48
2-Hexanone
Concen: 56.867 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV013443.D
Acq: 30 Oct 2019 20:15

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC005

Tgt Ion: 43 Resp: 773671
Ion Ratio Lower Upper
43 100
58 53.4 43.5 65.3
57 18.6 14.3 21.5
100 12.1 9.3 13.9

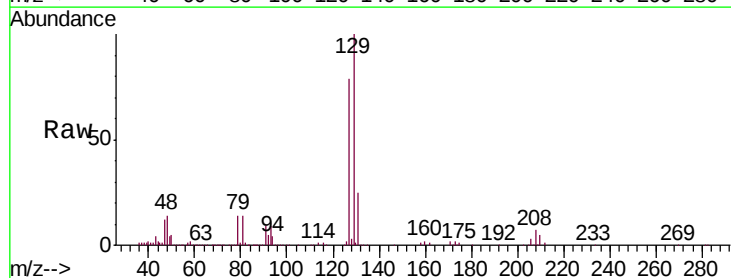


Abundance Ion 43.05 (42.75 to 43.75): VV013443.D (-2113) (-)
Ion 58.05 (57.75 to 58.75): VV013443.D (-2113) (-)
Ion 57.20 (56.90 to 57.90): VV013443.D (-2113) (-)
Ion 100.15 (99.85 to 100.85): VV013443.D (-2113) (-)

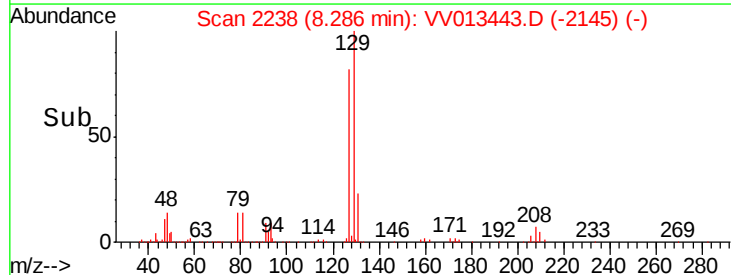
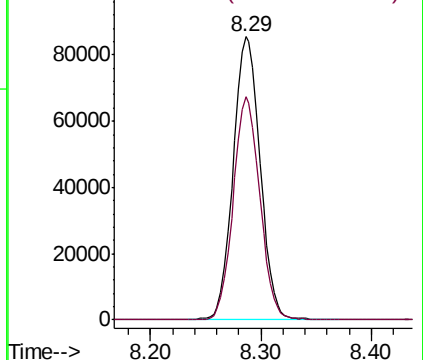


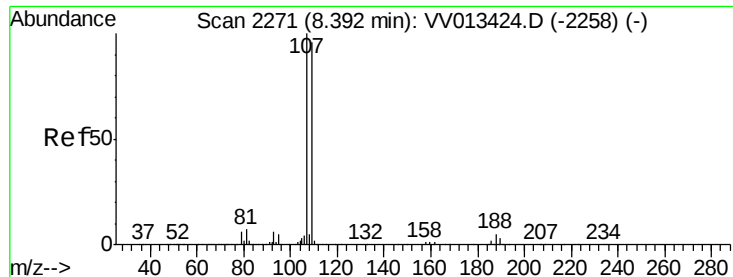
#49
Dibromochloromethane
Concen: 5.156 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV013443.D
Acq: 30 Oct 2019 20:15

Tgt Ion: 129 Resp: 145100
Ion Ratio Lower Upper
129 100
127 79.0 53.8 100.0



Abundance Ion 128.95 (128.65 to 129.65): VV013443.D (-2145) (-)
Ion 126.90 (126.60 to 127.60): VV013443.D (-2145) (-)

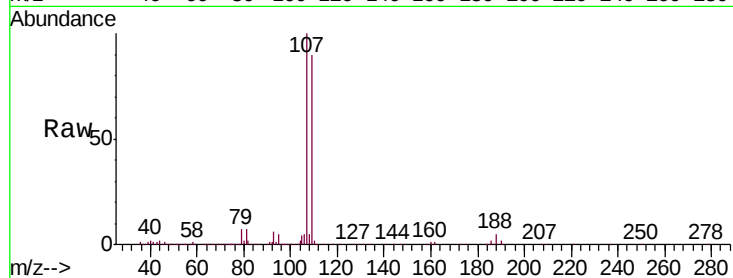




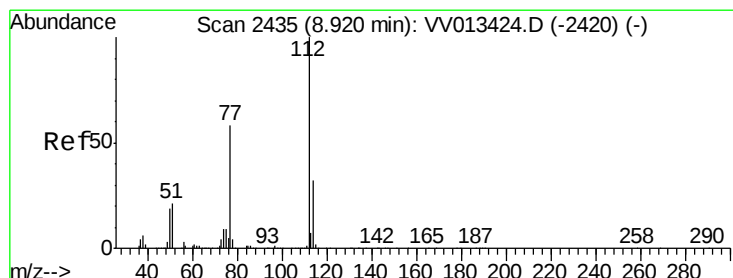
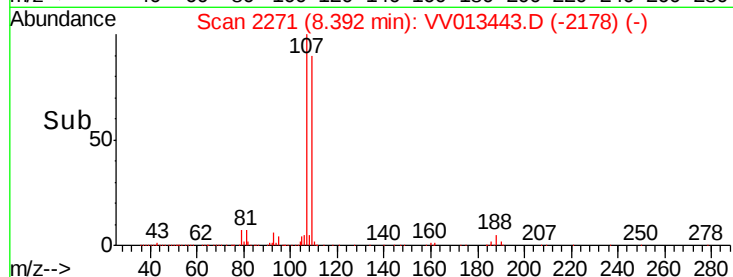
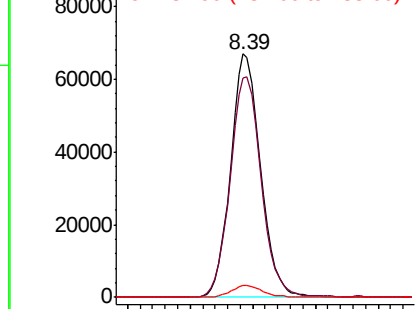
#50
1,2-Dibromoethane
Concen: 5.317 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV013443.D
Acq: 30 Oct 2019 20:15

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC005

Tgt Ion	Ratio	Lower	Upper
107	100		
109	90.3	65.1	120.9
188	4.9	3.5	5.3

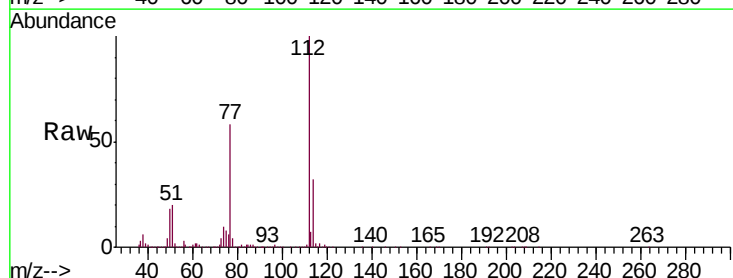


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

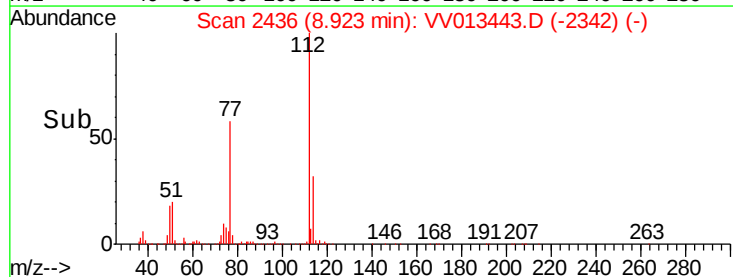
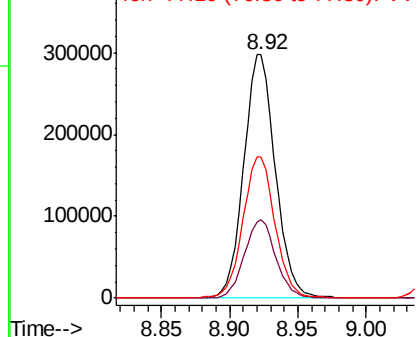


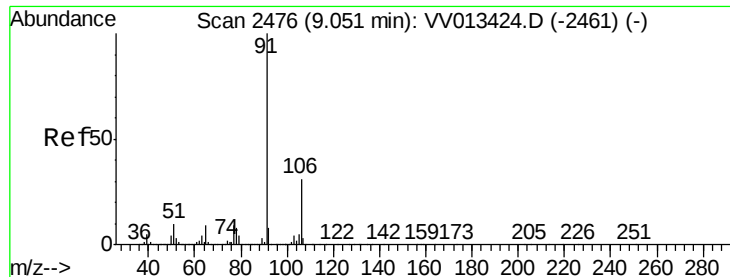
#51
Chlorobenzene
Concen: 5.248 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013443.D
Acq: 30 Oct 2019 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.2	41.2
77	58.1	46.7	70.1



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 5.414 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

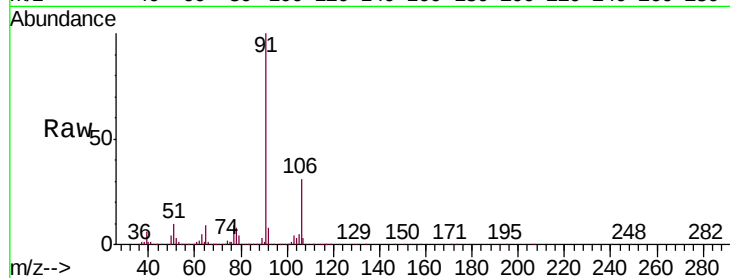
VSTDCCC005

Tgt Ion: 91 Resp: 808905

Ion Ratio Lower Upper

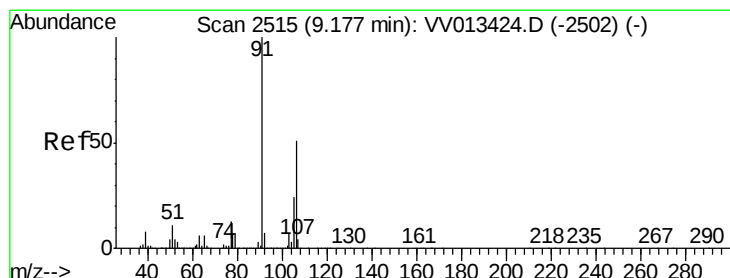
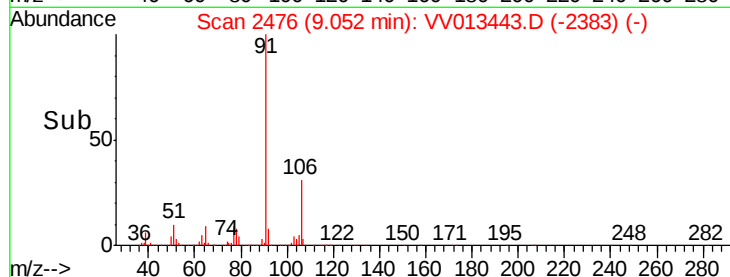
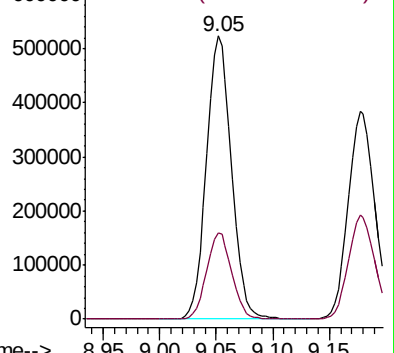
91 100

106 30.6 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V



#53

m,p-xylene

Concen: 5.618 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. 0.00 min

Lab File: VV013443.D

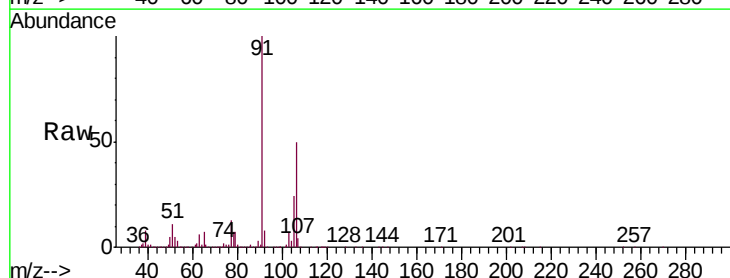
Acq: 30 Oct 2019 20:15

Tgt Ion: 106 Resp: 310041

Ion Ratio Lower Upper

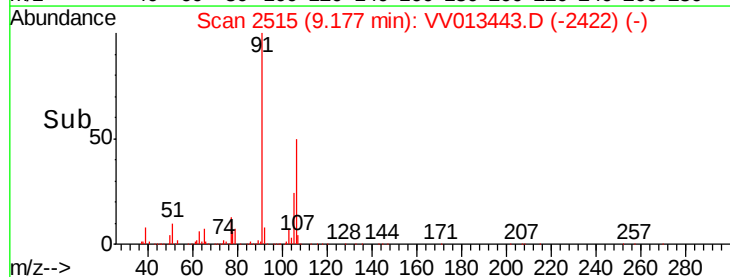
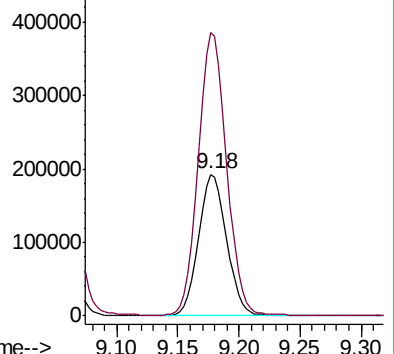
106 100

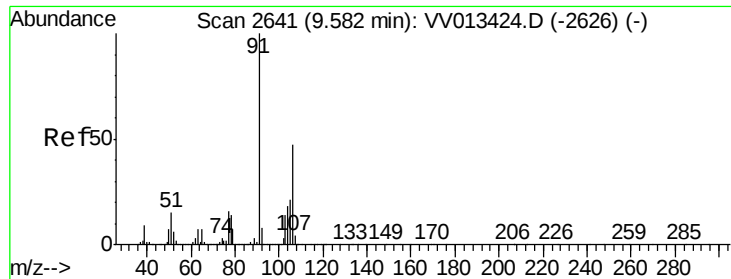
91 200.2 144.3 267.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

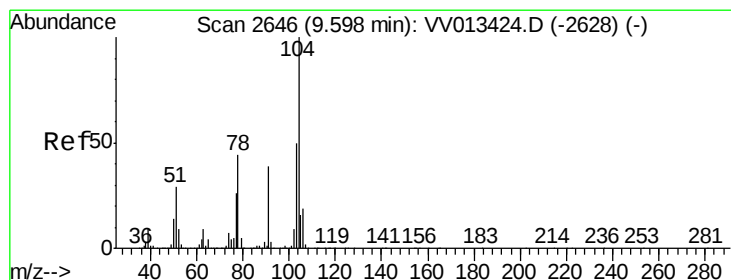
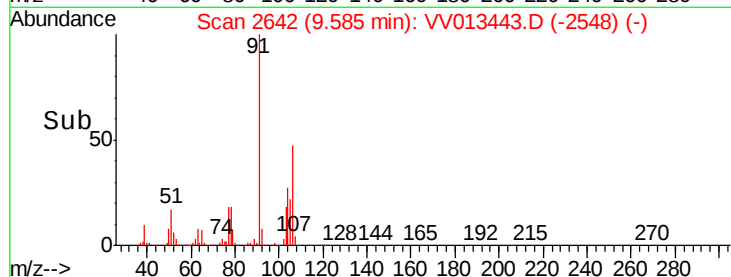
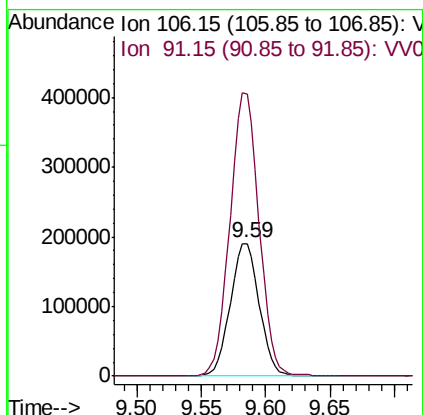
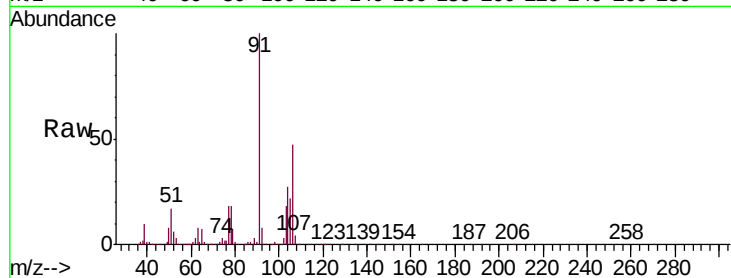




#54
o-xylene
Concen: 5.563 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV013443.D
Acq: 30 Oct 2019 20:15

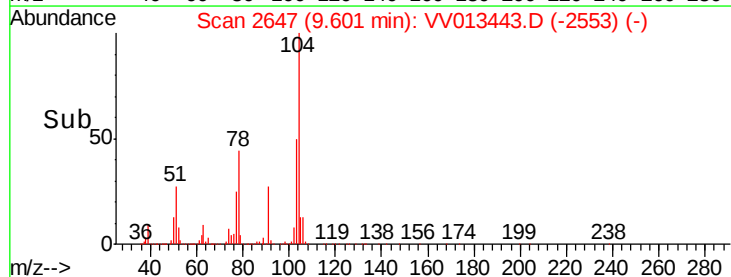
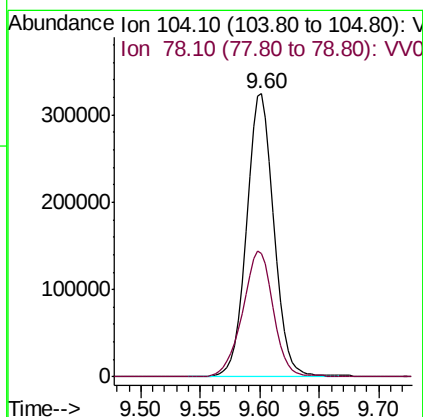
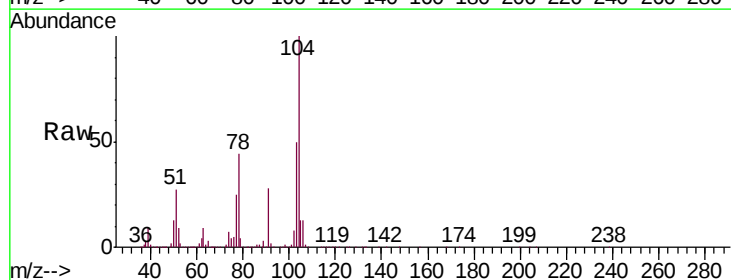
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC005

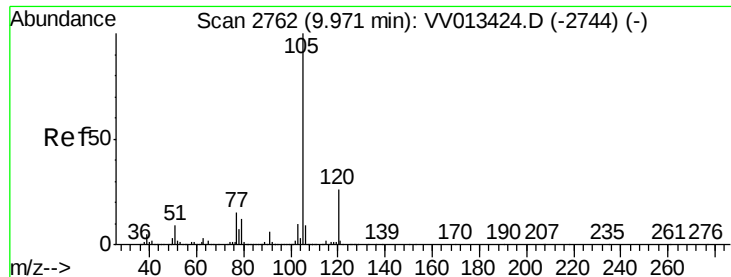
Tgt Ion:106 Resp: 297012
Ion Ratio Lower Upper
106 100
91 212.5 151.5 281.5



#55
Styrene
Concen: 5.729 ug/L
RT: 9.60 min Scan# 2647
Delta R.T. 0.00 min
Lab File: VV013443.D
Acq: 30 Oct 2019 20:15

Tgt Ion:104 Resp: 515398
Ion Ratio Lower Upper
104 100
78 43.8 30.8 57.2





#56

Isopropylbenzene

Concen: 5.540 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC005

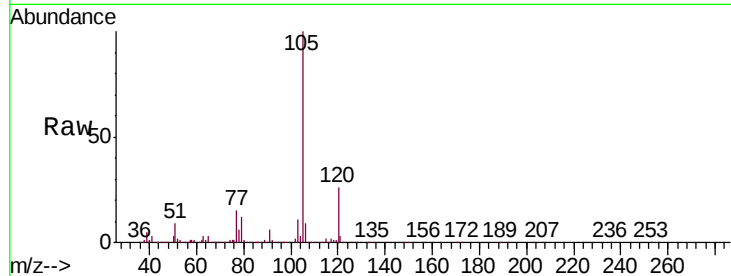
Tgt Ion: 105 Resp: 796165

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

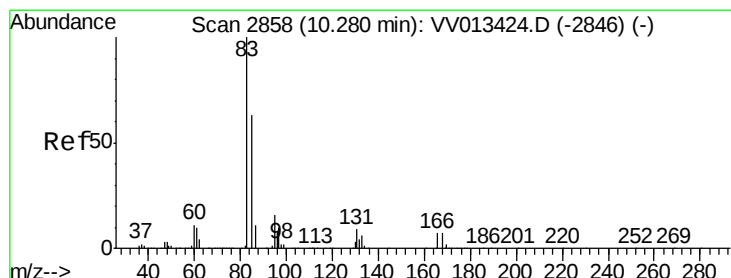
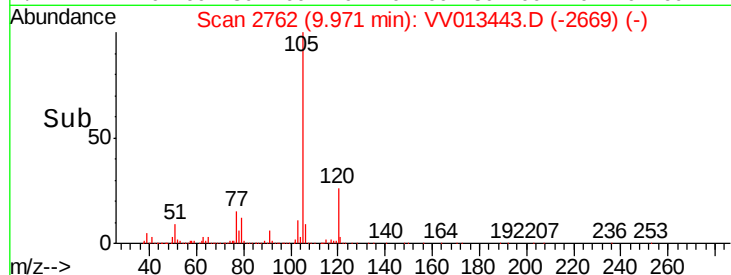
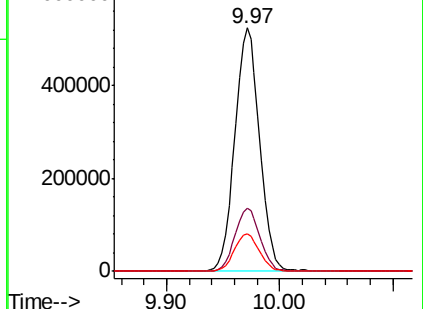
77 15.6 12.9 19.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.658 ug/L

RT: 10.28 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

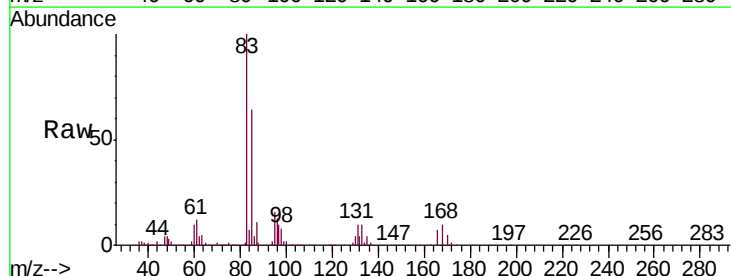
Tgt Ion: 83 Resp: 136552

Ion Ratio Lower Upper

83 100

85 64.3 44.5 82.7

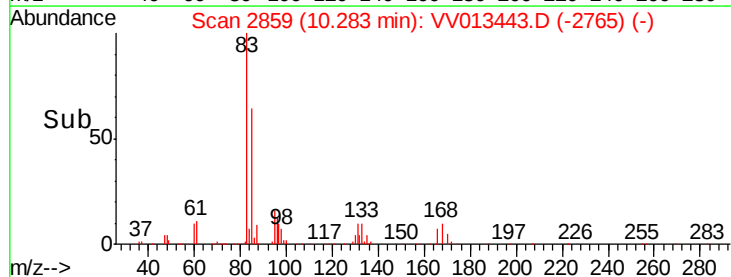
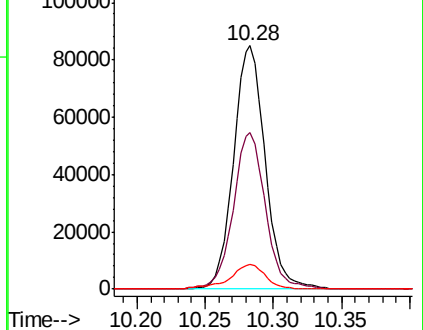
131 9.9 8.2 12.2

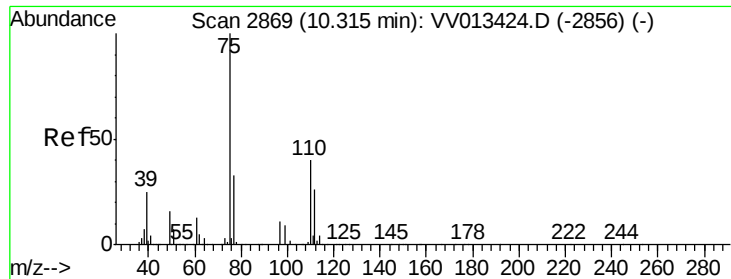


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 5.343 ug/L

RT: 10.32 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

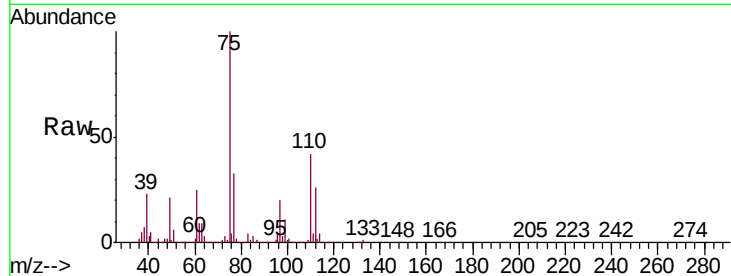
VSTDCCC005

Tgt Ion: 75 Resp: 105071

Ion Ratio Lower Upper

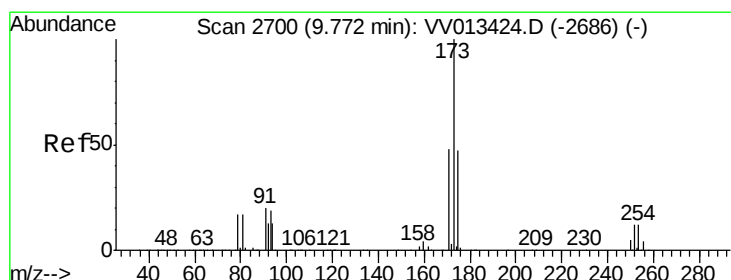
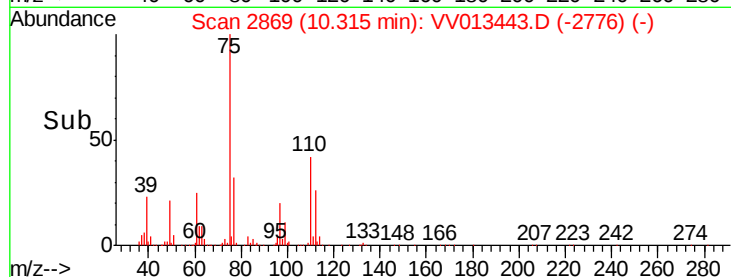
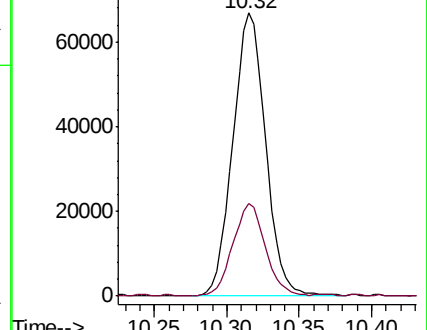
75 100

77 31.7 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV013424.D (-2856) (-)

Ion 77.00 (76.70 to 77.70): VV013424.D (-2856) (-)



#61

Bromoform

Concen: 5.326 ug/L

RT: 9.77 min Scan# 2700

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

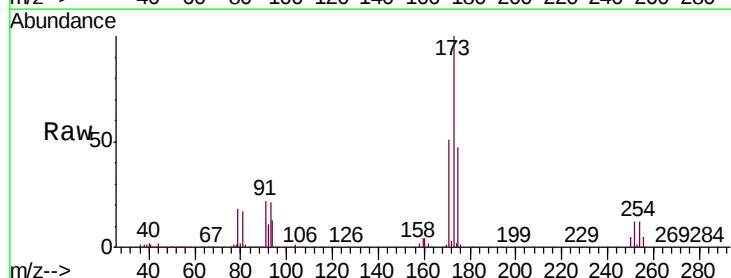
Tgt Ion: 173 Resp: 83941

Ion Ratio Lower Upper

173 100

175 48.7 39.8 59.8

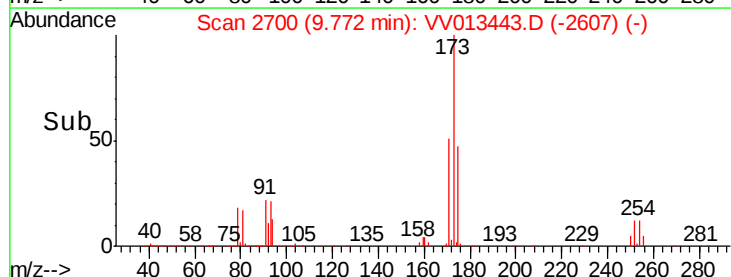
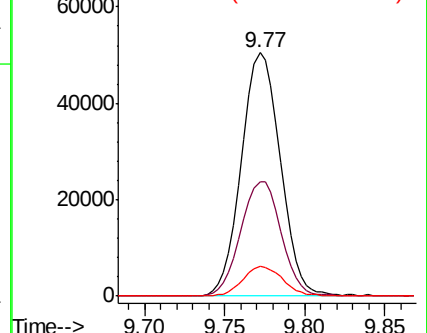
254 12.5 9.8 14.6

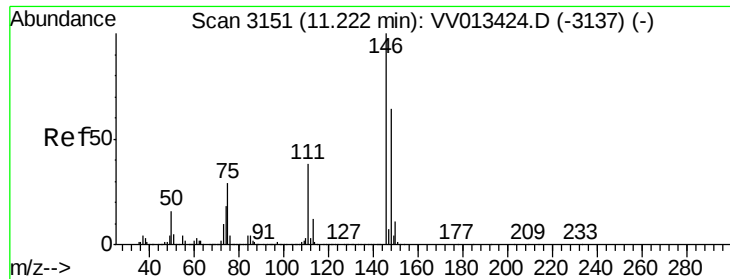


Abundance Ion 172.90 (172.60 to 173.60): VV013424.D (-2686) (-)

Ion 174.90 (174.60 to 175.60): VV013424.D (-2686) (-)

Ion 253.75 (253.45 to 254.45): VV013424.D (-2686) (-)

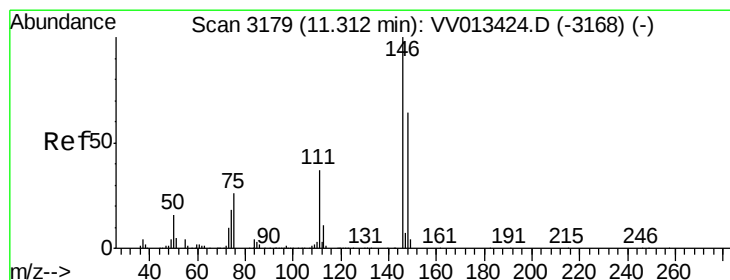
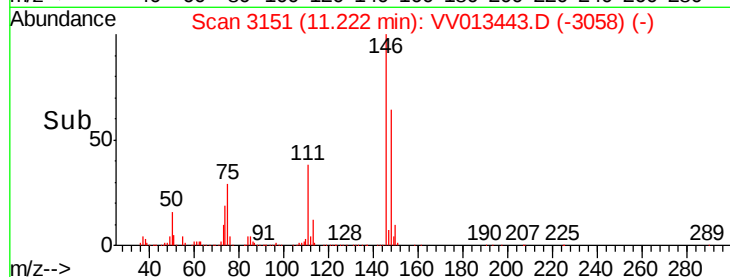
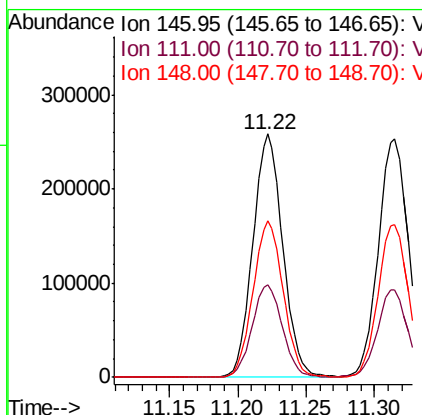
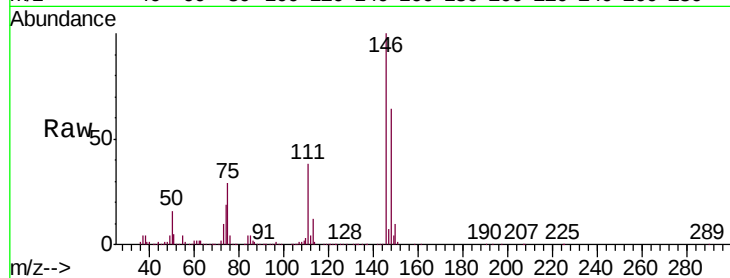




#62
 1,3-Dichlorobenzene
 Concen: 5.428 ug/L
 RT: 11.22 min Scan# 3151
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

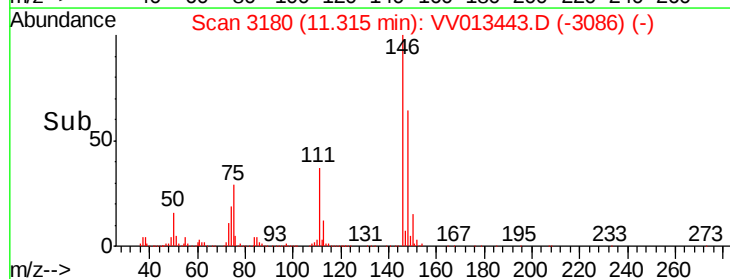
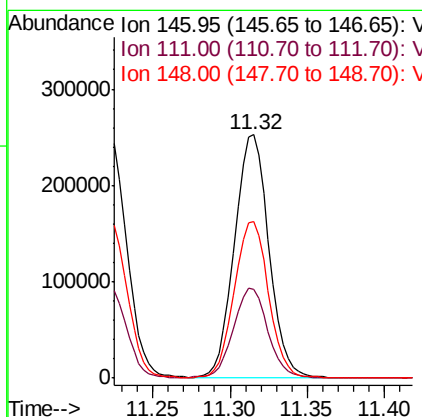
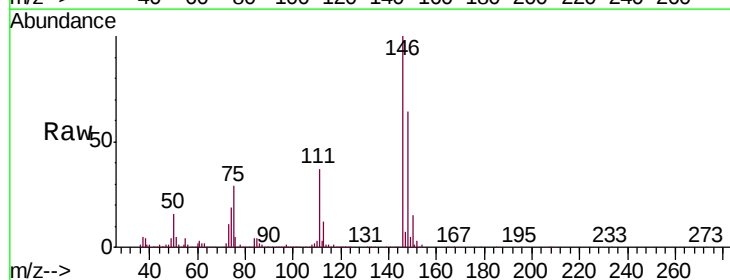
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC005

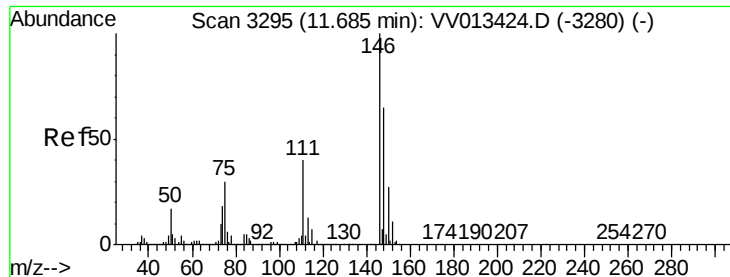
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	27.2	50.4
148	64.2	46.6	86.6



#63
 1,4-Dichlorobenzene
 Concen: 5.333 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	25.4	47.2
148	64.3	44.9	83.5

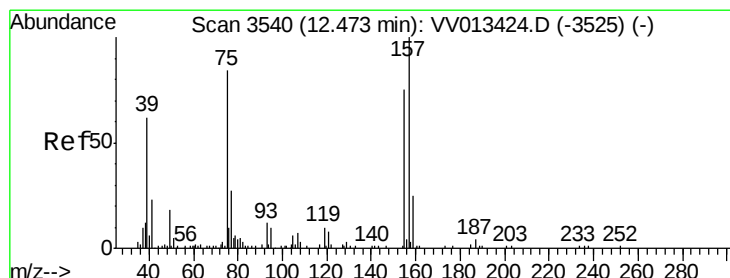
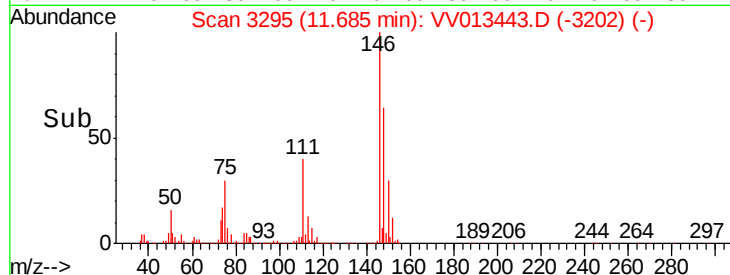
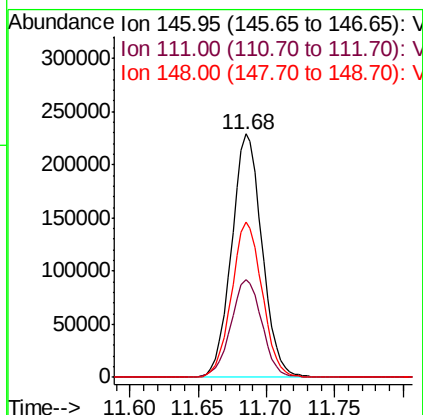
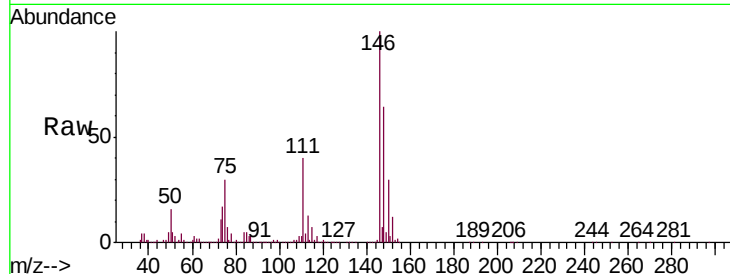




#65
 1,2-Dichlorobenzene
 Concen: 5.293 ug/L
 RT: 11.68 min Scan# 3295
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

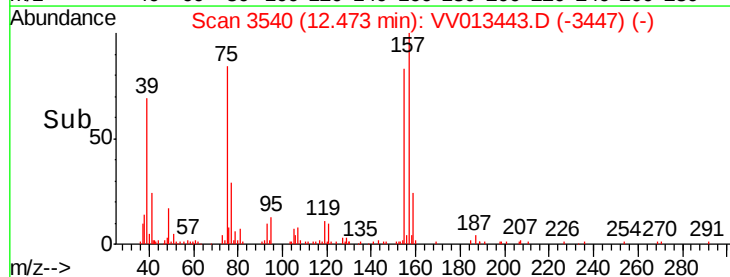
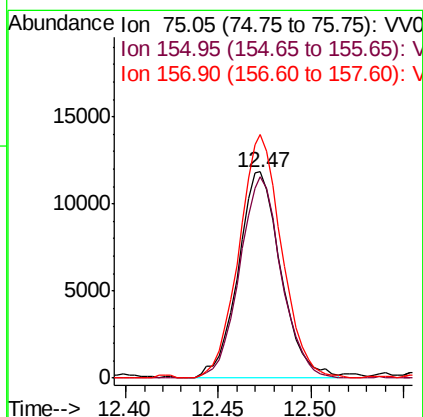
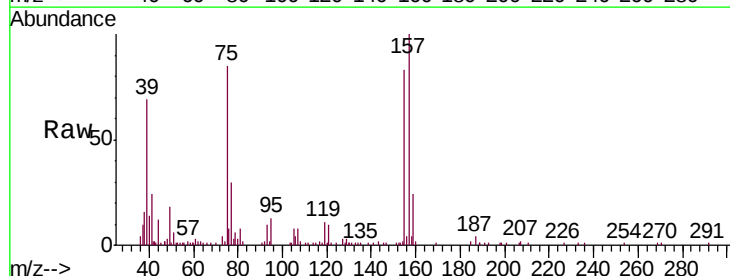
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC005

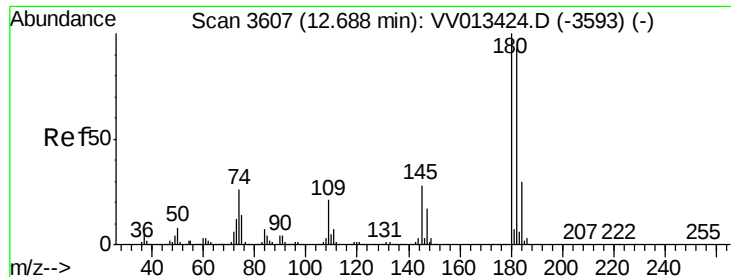
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	31.9	47.9
148	63.6	51.3	76.9



#66
 1,2-Dibromo-3-chloropropane
 Concen: 4.991 ug/L
 RT: 12.47 min Scan# 3540
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	70.6	105.8
157	118.0	85.8	128.8

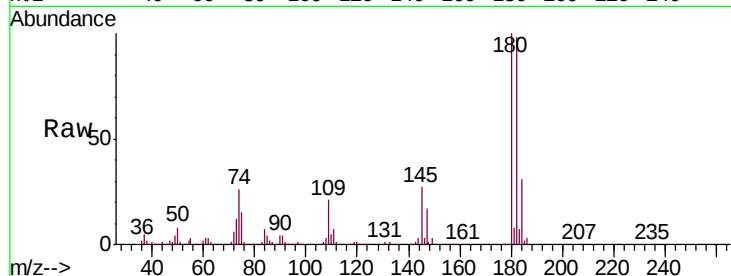




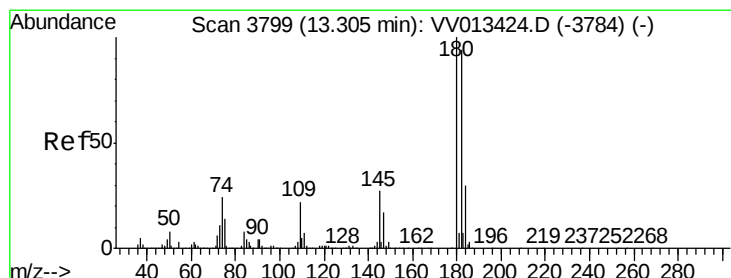
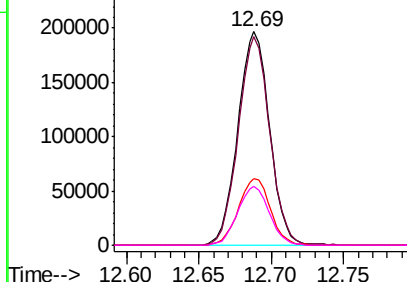
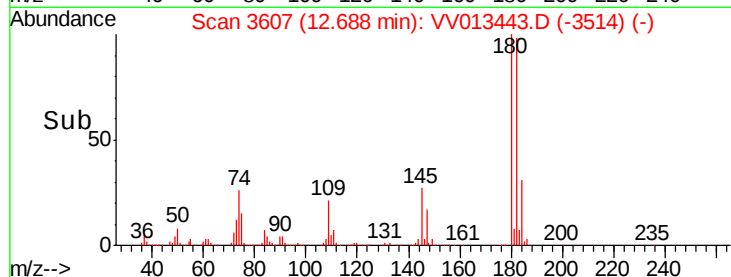
#67
 1,3,5-Trichlorobenzene
 Concen: 5.140 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC005

Tgt Ion:	180	Resp:	298661
Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.4	114.6
184	31.4	24.6	36.8
145	27.6	22.2	33.2

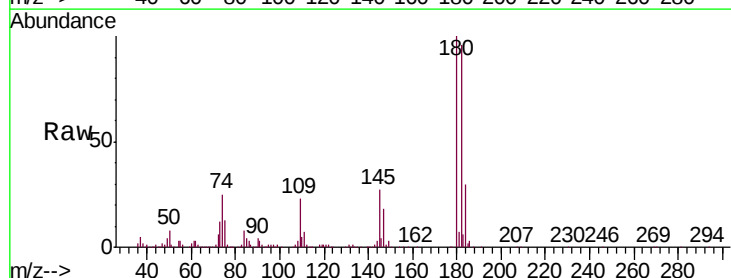


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

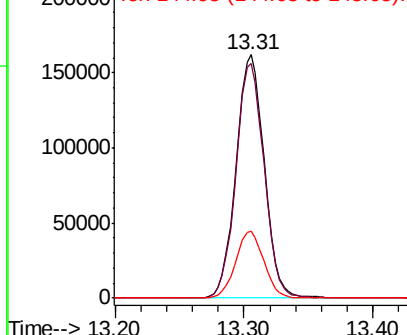
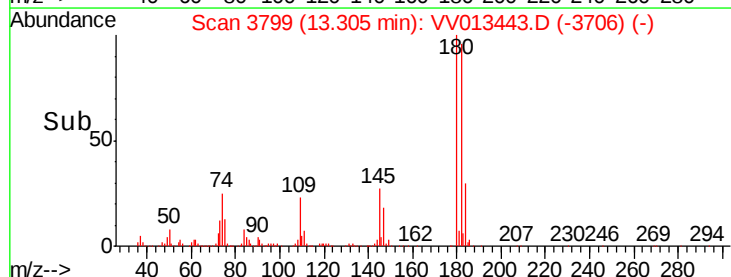


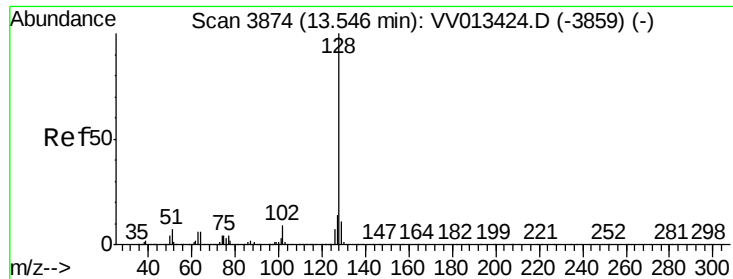
#68
 1,2,4-trichlorobenzene
 Concen: 5.475 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV013443.D
 Acq: 30 Oct 2019 20:15

Tgt Ion:	180	Resp:	246289
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.2	114.4
145	27.7	22.5	33.7



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 5.680 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC005

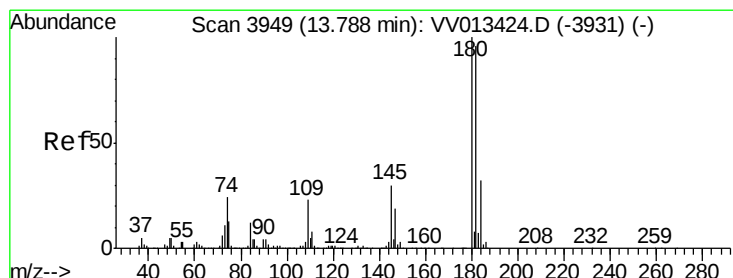
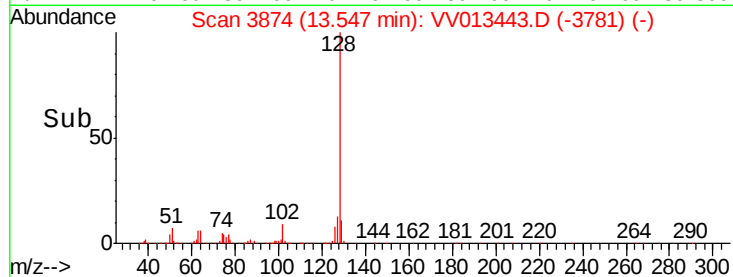
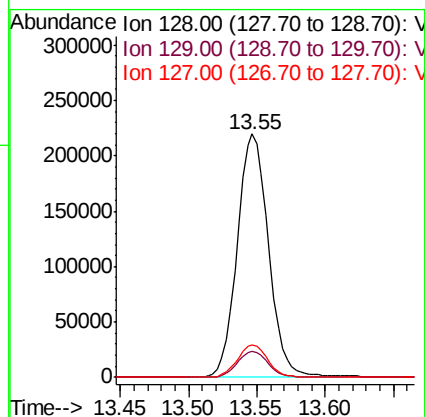
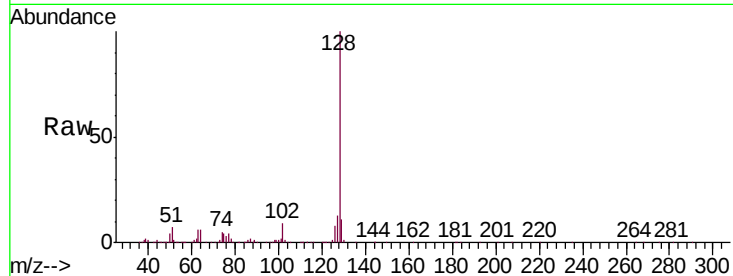
Tgt Ion:128 Resp: 349820

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

127 13.1 10.6 16.0



#70

1,2,3-Trichlorobenzene

Concen: 5.636 ug/L

RT: 13.79 min Scan# 3949

Delta R.T. 0.00 min

Lab File: VV013443.D

Acq: 30 Oct 2019 20:15

Tgt Ion:180 Resp: 230355

Ion Ratio Lower Upper

180 100

182 96.1 75.7 113.5

145 29.9 24.1 36.1

