

Data File : VV013313.D
Acq On : 23 Oct 2019 22:56
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

Quant Time: Oct 24 04:22:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 04:17:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1231238	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1183667	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	640654	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	399970	49.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	320078	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.62%
11) 1,1-Dichloroethene-d2	2.13	63	647261	54.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.40%
21) 2-Butanone-d5	3.93	46	577611	105.62	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	4.40	84	859623	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.76%
26) 1,2-Dichloroethane-d4	5.08	65	513533	49.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.34%
32) Benzene-d6	5.10	84	1764352	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
36) 1,2-Dichloropropane-d6	6.12	67	549128	48.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.32%
41) Toluene-d8	7.36	98	1658158	50.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.94%
43) trans-1,3-Dichloropropene-	7.66	79	246979	49.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.20%
47) 2-Hexanone-d5	8.13	63	362351	106.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	720427	48.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	703902	47.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.76%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	512207	48.386	ug/L	100
3) Chloromethane	1.25	50	433942	54.399	ug/L	100
5) Vinyl chloride	1.33	62	447996	54.429	ug/L	100
6) Bromomethane	1.53	94	218697	51.832	ug/L	98
8) Chloroethane	1.60	64	252124	54.514	ug/L	100
9) Trichlorofluoromethane	1.77	101	607219	53.047	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	358639	55.431	ug/L	97
12) 1,1-Dichloroethene	2.14	96	342275	54.910	ug/L	92
13) Acetone	2.19	43	343873	85.095	ug/L	97
14) Carbon disulfide	2.32	76	1141134	52.843	ug/L	100
15) Methyl Acetate	2.46	43	435813	51.815	ug/L	98
16) Methylene chloride	2.54	84	462768	49.946	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	434975	50.559	ug/L	98
18) Methyl tert-butyl Ether	2.80	73	1281767	51.431	ug/L	99
19) 1,1-Dichloroethane	3.23	63	783182	50.385	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	485828	52.106	ug/L	100
22) 2-Butanone	4.01	43	601657	103.835	ug/L	98

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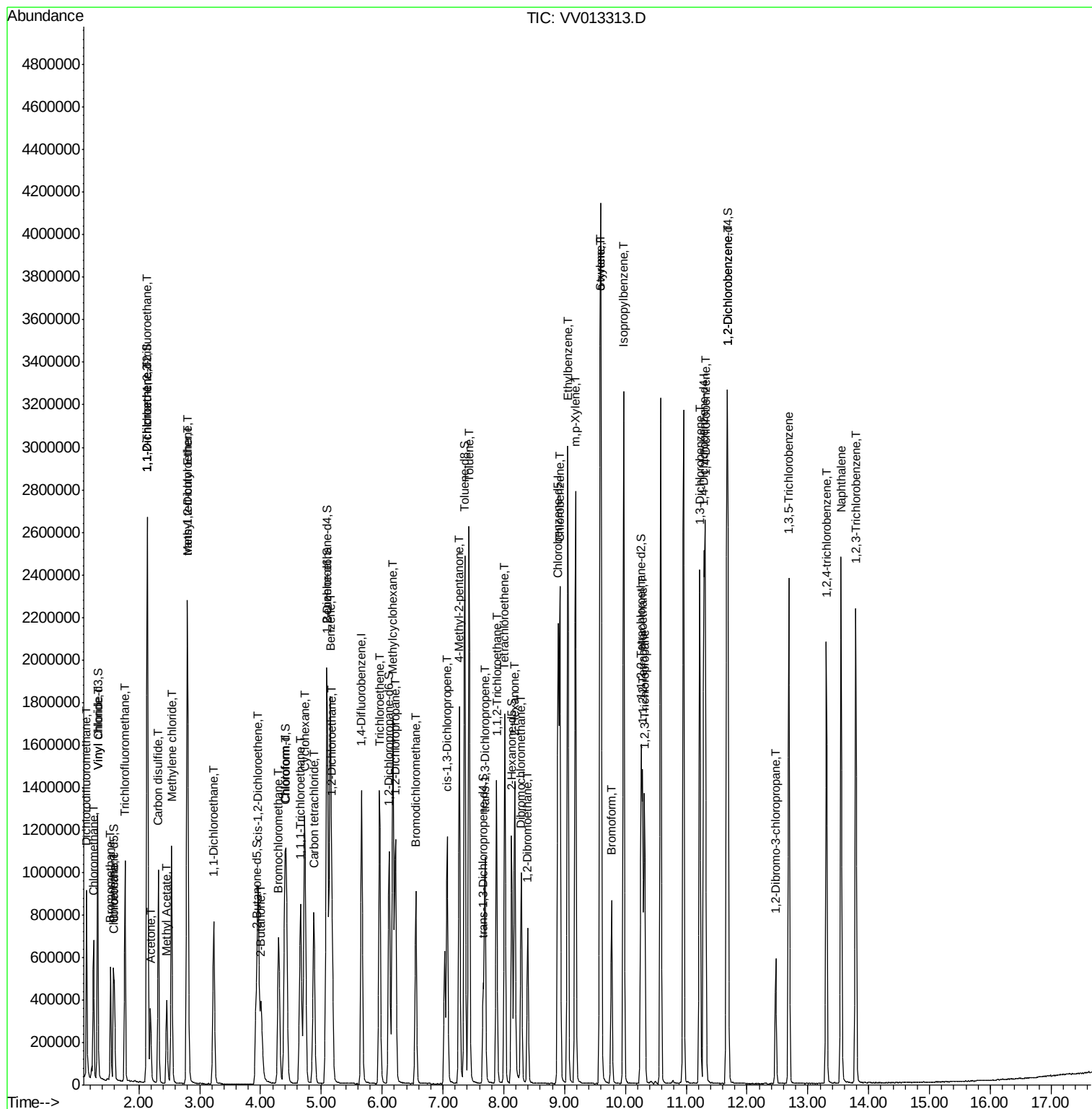
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	257264	50.982	ug/L	99
25) Chloroform	4.42	83	806169	50.681	ug/L	99
27) 1,2-Dichloroethane	5.18	62	603718	52.077	ug/L	99
29) Cyclohexane	4.73	56	693736	50.580	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	677916	49.487	ug/L	99
31) Carbon tetrachloride	4.88	117	614220	49.732	ug/L	99
33) Benzene	5.15	78	1807934	50.287	ug/L	100
34) Trichloroethene	5.96	95	474625	50.424	ug/L	96
35) Methylcyclohexane	6.18	83	738218	51.599	ug/L	99
37) 1,2-Dichloropropane	6.22	63	461054	50.913	ug/L	100
38) Bromodichloromethane	6.55	83	599085	50.233	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	697152	51.492	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1146217	101.853	ug/L	99
42) Toluene	7.43	91	1927431	52.293	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	595316	51.412	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	449263	50.390	ug/L	99
46) Tetrachloroethene	8.02	164	424464	50.560	ug/L	97
48) 2-Hexanone	8.18	43	878184	96.137	ug/L	97
49) Dibromochloromethane	8.29	129	511433	50.634	ug/L	99
50) 1,2-Dibromoethane	8.39	107	476985	50.347	ug/L	99
51) Chlorobenzene	8.92	112	1271517	50.732	ug/L	98
52) Ethylbenzene	9.05	91	2090815	53.694	ug/L	100
53) m,p-Xylene	9.18	106	812252	53.710	ug/L	99
54) o-xylene	9.59	106	807298	54.740	ug/L	97
55) Styrene	9.60	104	1387007	55.454	ug/L	100
56) Isopropylbenzene	9.97	105	2066946	54.854	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	681834	49.671	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	555243	49.155	ug/L	99
61) Bromoform	9.77	173	401452	48.010	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	1045317	50.540	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	1048640	48.810	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	1048953	49.194	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	133878	44.761	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	794076	50.979	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	687062	52.554	ug/L	100
69) Naphthalene	13.55	128	1954571	55.210	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	742219	52.996	ug/L	100

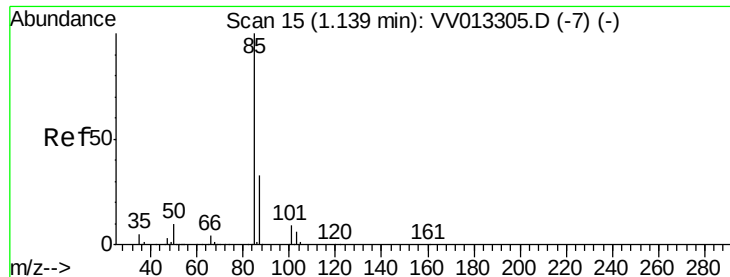
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 48.386 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

Instrument :

MSVOA_V

ClientSampleId :

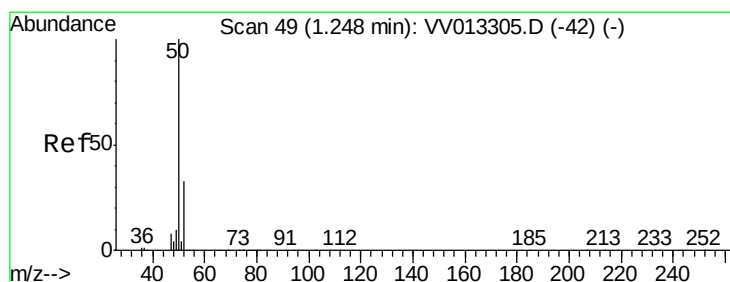
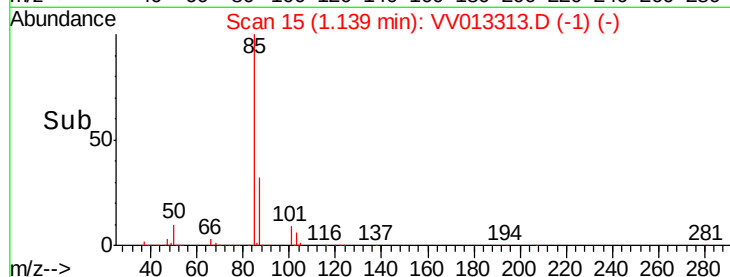
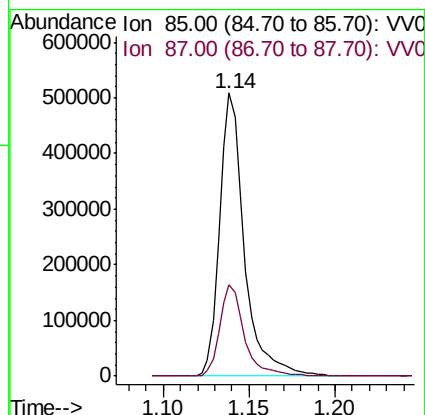
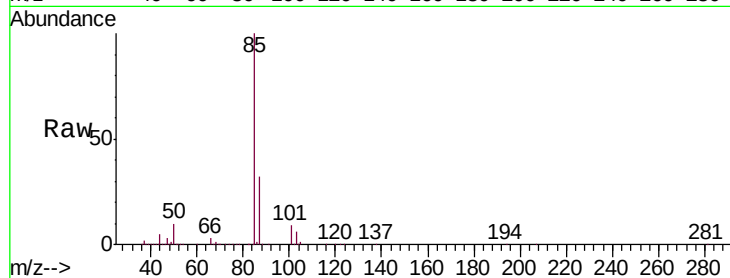
VSTD05078

Tgt Ion: 85 Resp: 512207

Ion Ratio Lower Upper

85 100

87 32.2 25.8 38.8



#3

Chloromethane

Concen: 54.399 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.01 min

Lab File: VV013313.D

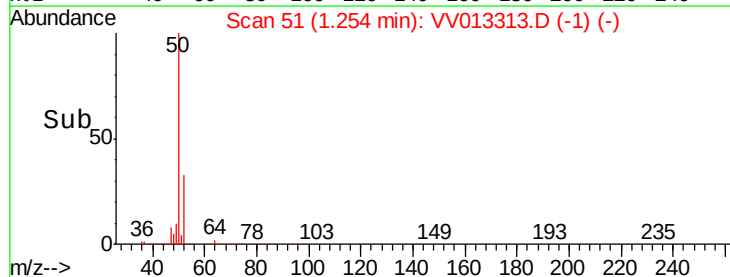
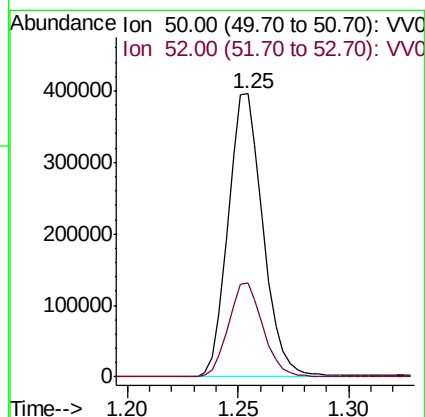
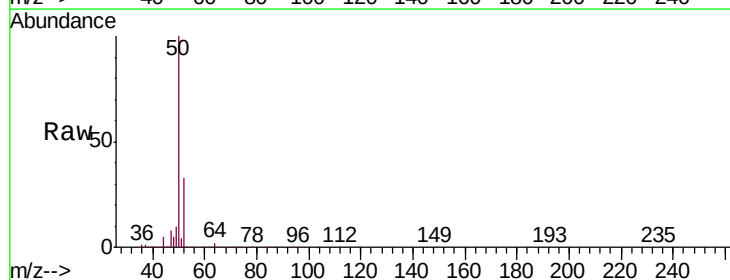
Acq: 23 Oct 2019 22:56

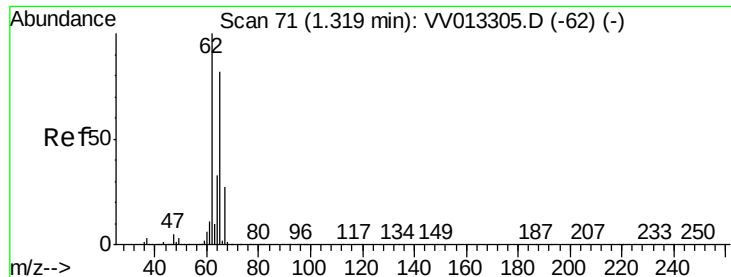
Tgt Ion: 50 Resp: 433942

Ion Ratio Lower Upper

50 100

52 33.1 23.2 43.2





#5

Vinyl chloride

Concen: 54.429 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.01 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

Instrument :

MSVOA_V

ClientSampleId :

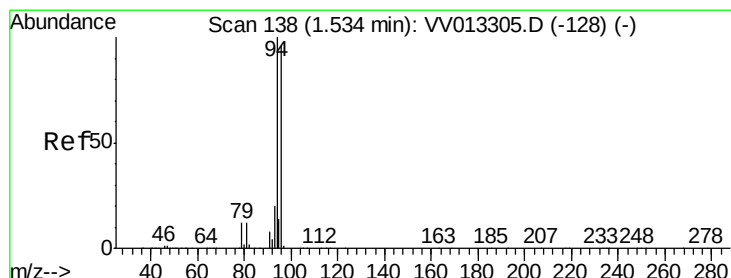
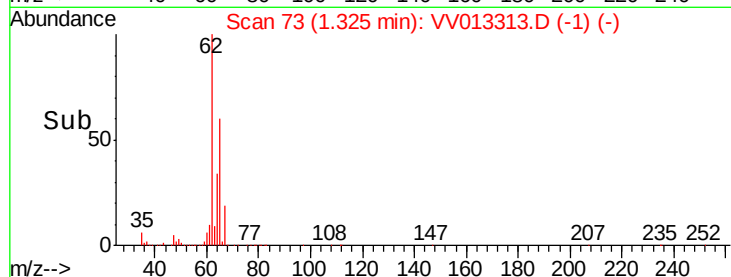
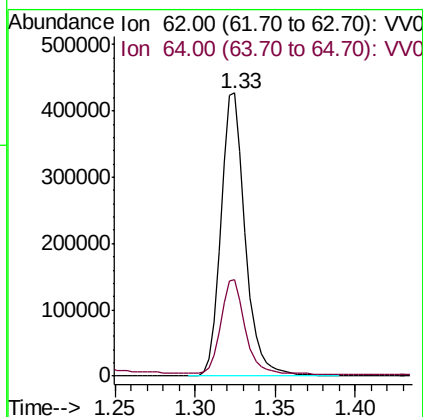
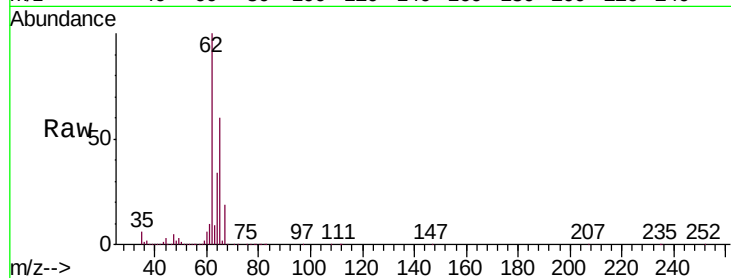
VSTD05078

Tgt Ion: 62 Resp: 447996

Ion Ratio Lower Upper

62 100

64 33.9 23.9 44.3



#6

Bromomethane

Concen: 51.832 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV013313.D

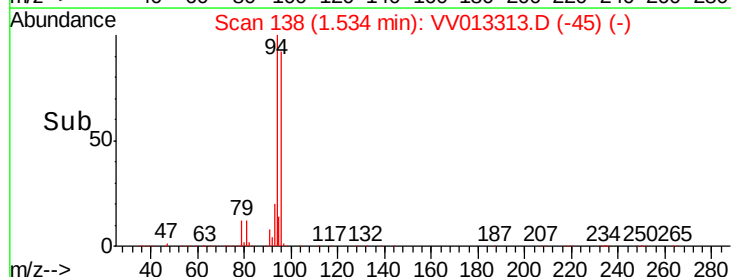
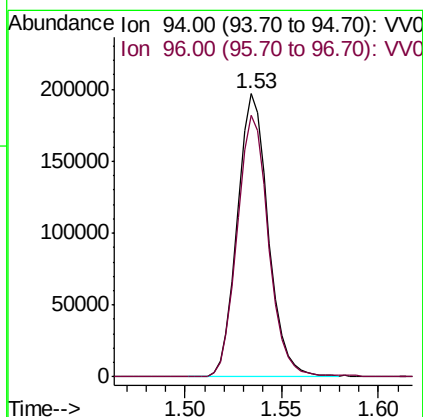
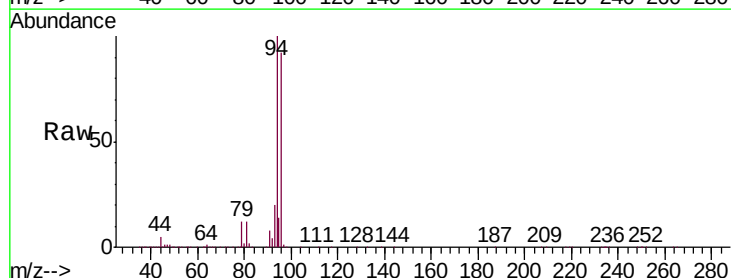
Acq: 23 Oct 2019 22:56

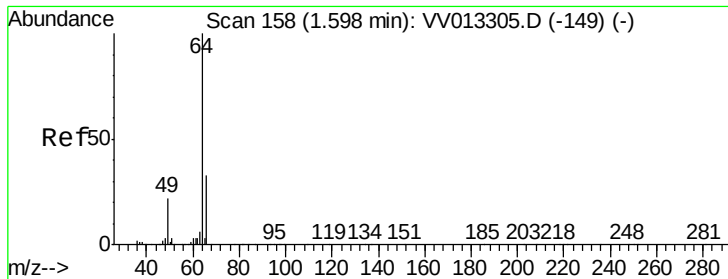
Tgt Ion: 94 Resp: 218697

Ion Ratio Lower Upper

94 100

96 92.2 65.7 121.9

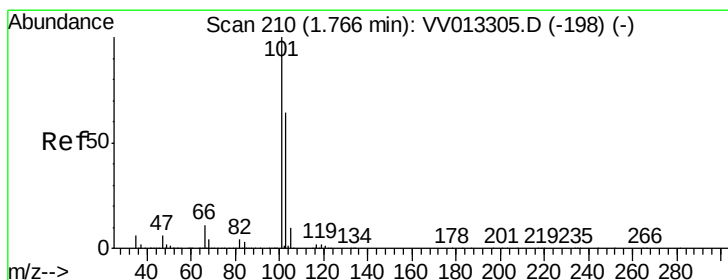
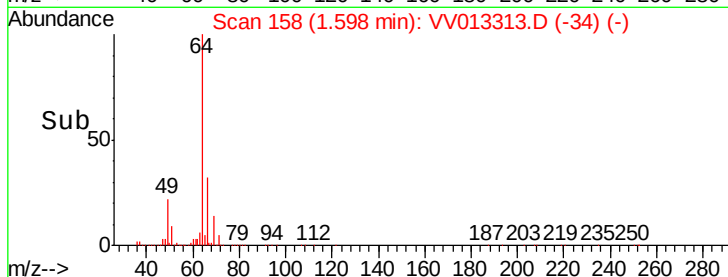
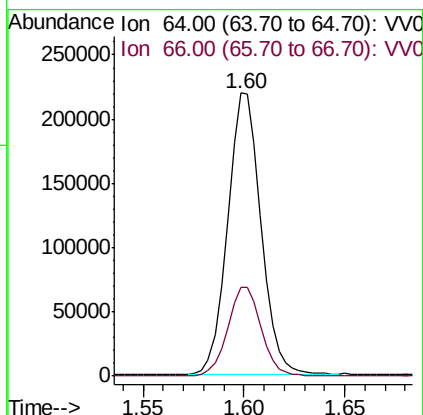
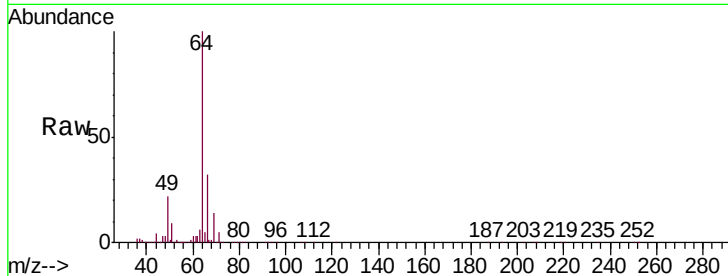




#8
Chloroethane
Concen: 54.514 ug/L
RT: 1.60 min Scan# 158
Delta R.T. -0.00 min
Lab File: VV013313.D
Acq: 23 Oct 2019 22:56

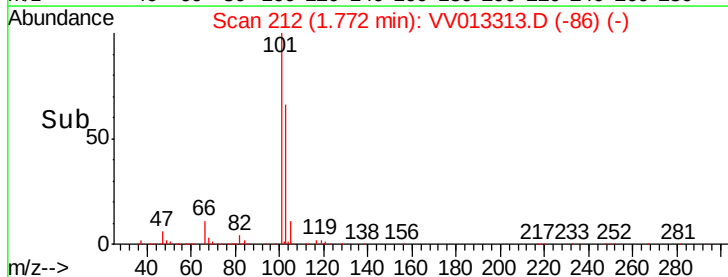
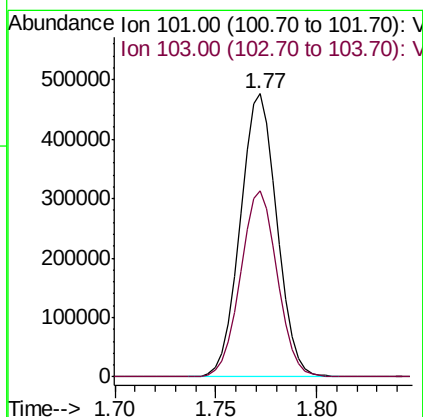
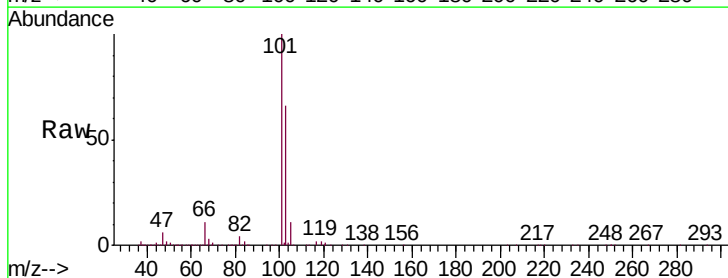
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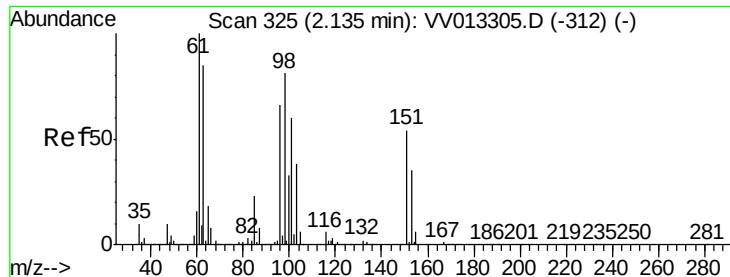
Tgt Ion: 64 Resp: 252124
Ion Ratio Lower Upper
64 100
66 31.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 53.047 ug/L
RT: 1.77 min Scan# 212
Delta R.T. 0.01 min
Lab File: VV013313.D
Acq: 23 Oct 2019 22:56

Tgt Ion: 101 Resp: 607219
Ion Ratio Lower Upper
101 100
103 66.0 53.0 79.4





#10

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

Concen: 55.431 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.01 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

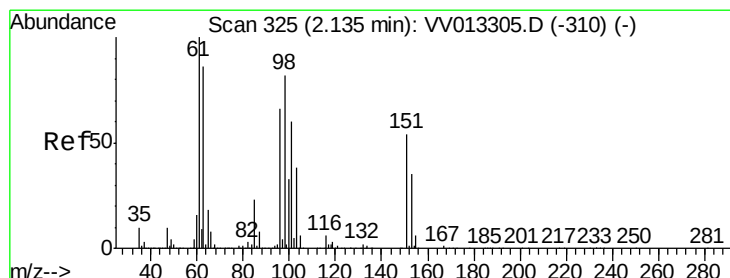
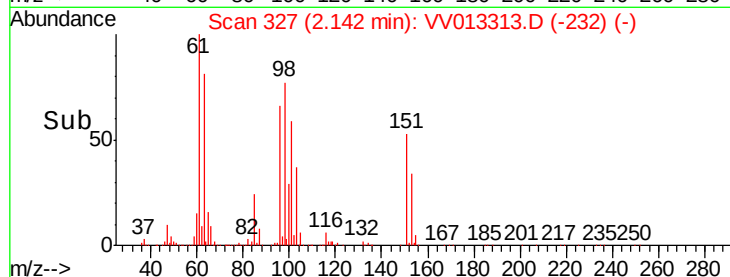
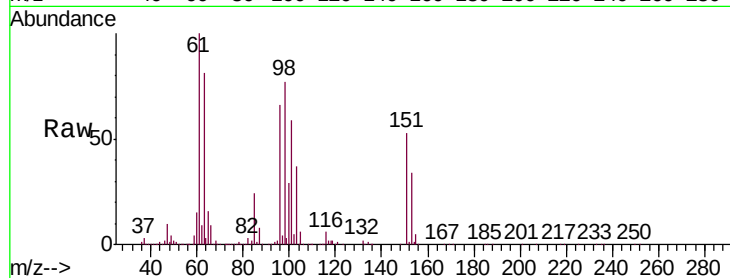
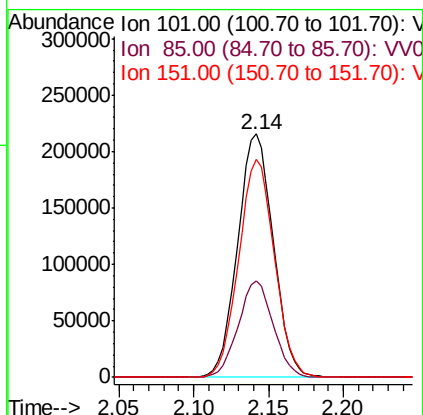
Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:	101	Resp:	358639
Ion	Ratio	Lower	Upper
101	100		
85	38.8	31.4	47.2
151	89.6	74.6	112.0



#12

1,1-Dichloroethene

Concen: 54.910 ug/L

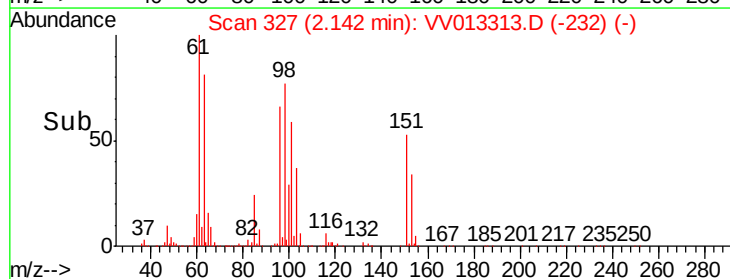
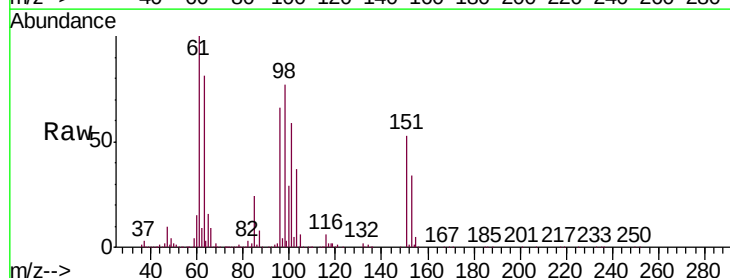
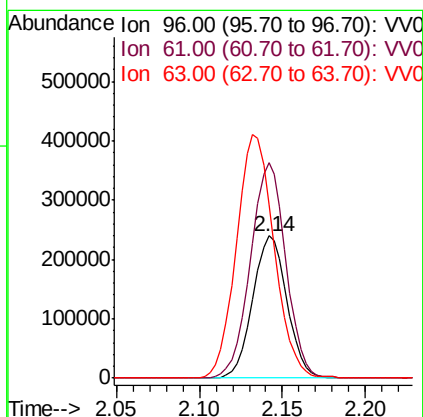
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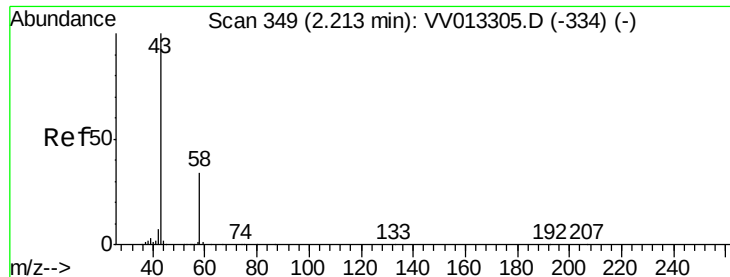
Delta R.T. 0.01 min

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Tgt Ion:	96	Resp:	342275
Ion	Ratio	Lower	Upper
96	100		
61	151.4	103.3	191.8
63	122.0	74.8	138.8





#13

Acetone

Concen: 85.095 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

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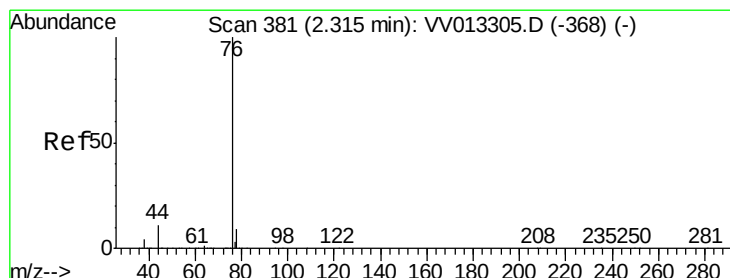
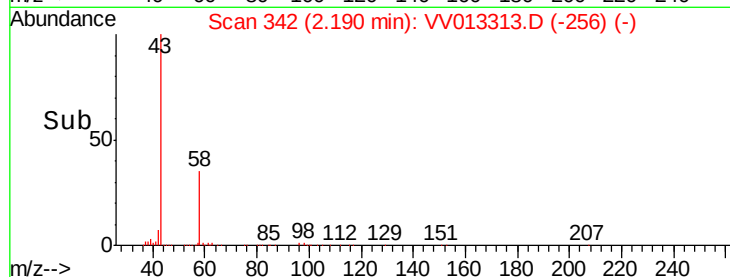
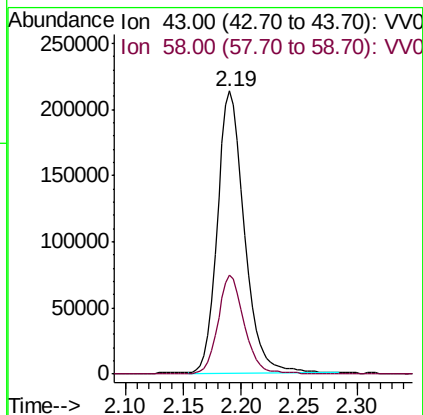
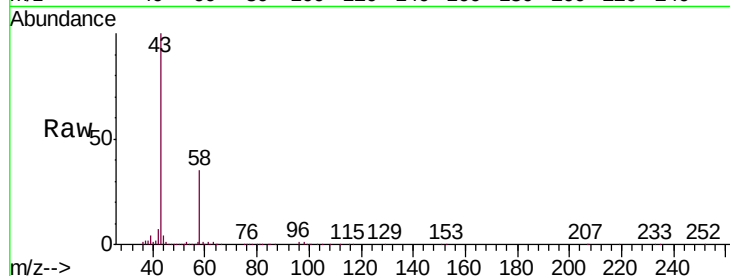
VSTD05078

Tgt Ion: 43 Resp: 343873

Ion Ratio Lower Upper

43 100

58 33.7 0.0 64.0



#14

Carbon disulfide

Concen: 52.843 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV013313.D

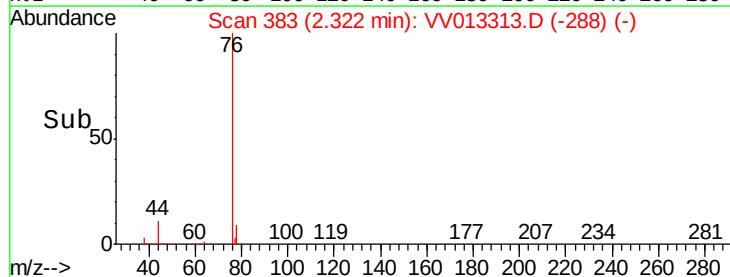
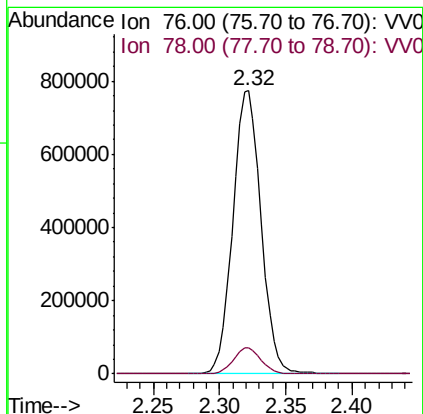
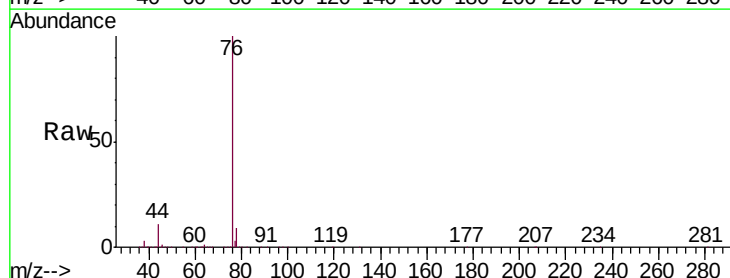
Acq: 23 Oct 2019 22:56

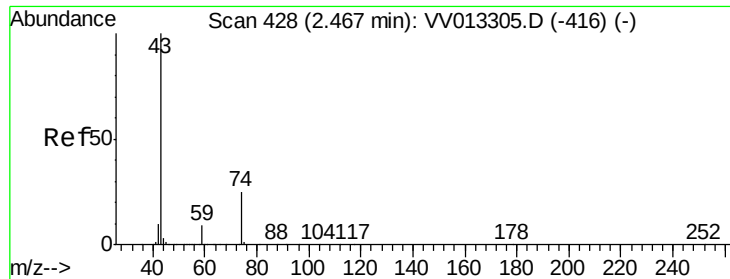
Tgt Ion: 76 Resp: 1141134

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

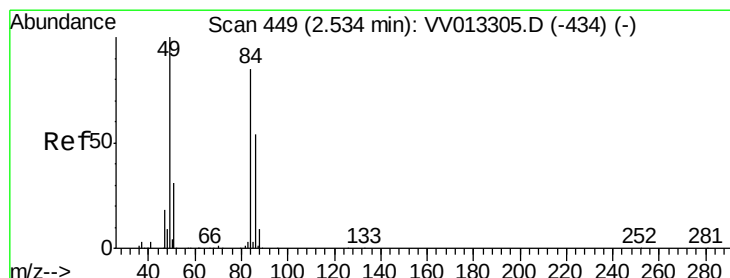
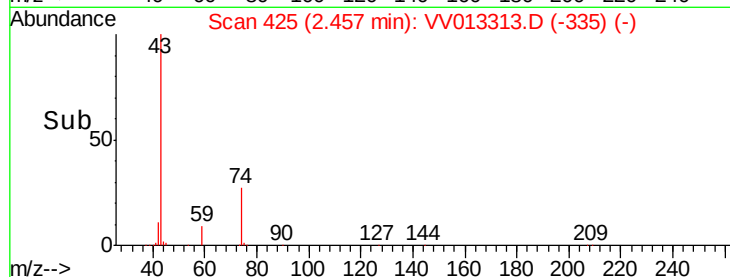
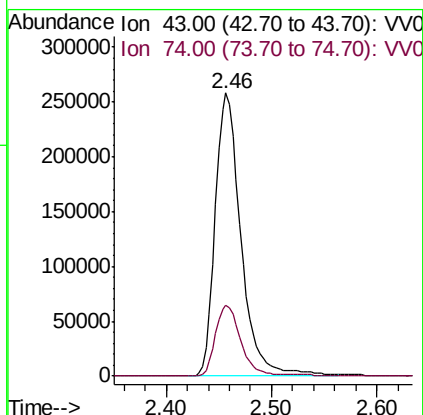
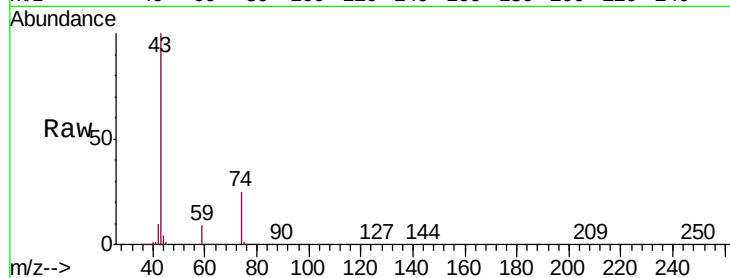




#15
Methyl Acetate
Concen: 51.815 ug/L
RT: 2.46 min Scan# 425
Delta R.T. -0.01 min
Lab File: VV013313.D
Acq: 23 Oct 2019 22:56

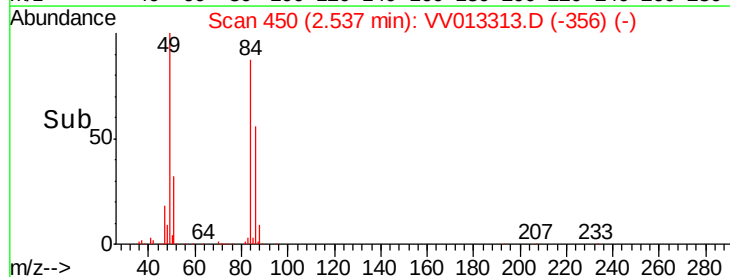
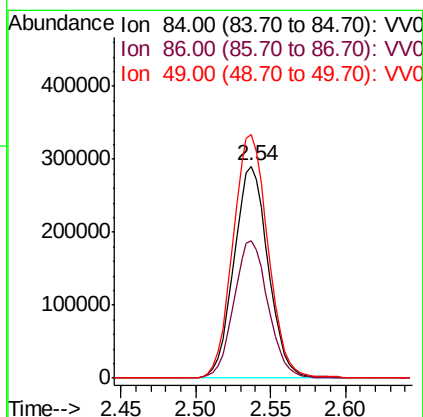
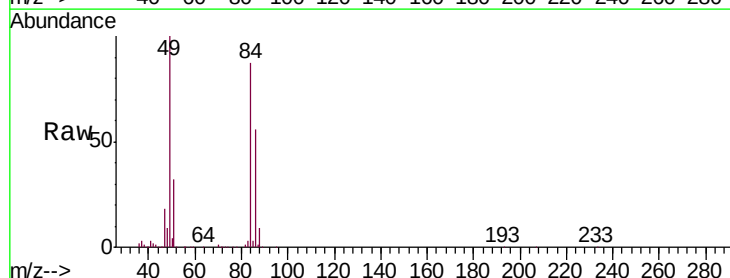
Instrument :
MSVOA_V
ClientSampleId :
VSTD05078

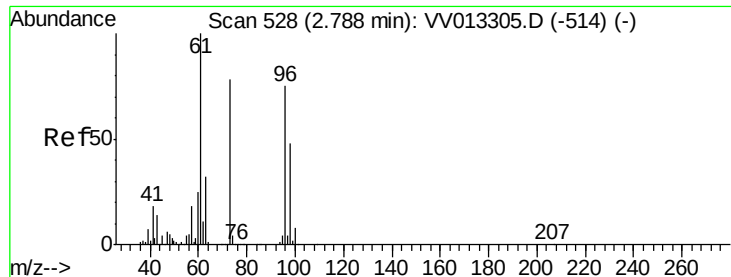
Tgt Ion: 43 Resp: 435813
Ion Ratio Lower Upper
43 100
74 25.0 20.6 31.0



#16
Methylene chloride
Concen: 49.946 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV013313.D
Acq: 23 Oct 2019 22:56

Tgt Ion: 84 Resp: 462768
Ion Ratio Lower Upper
84 100
86 64.9 46.2 85.8
49 115.0 82.7 153.5





#17

trans-1,2-Dichloroethene

Concen: 50.559 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.01 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD05078

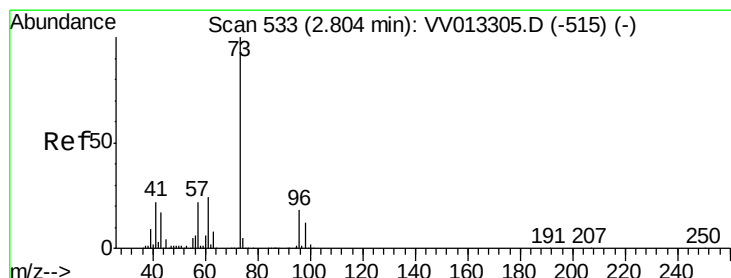
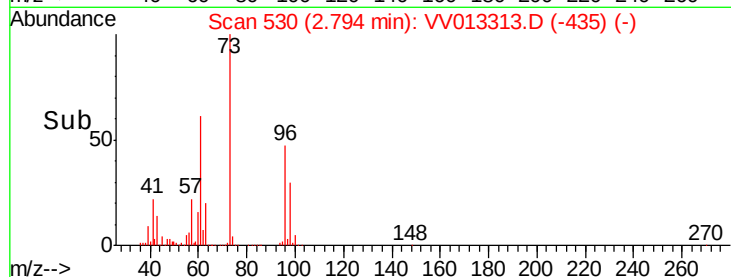
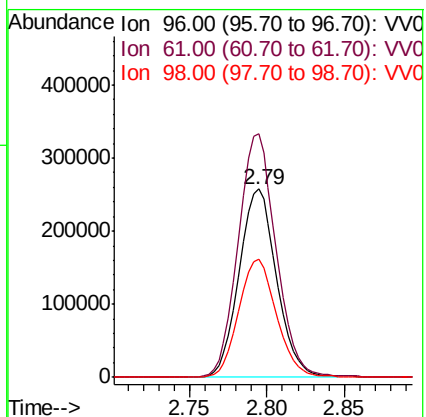
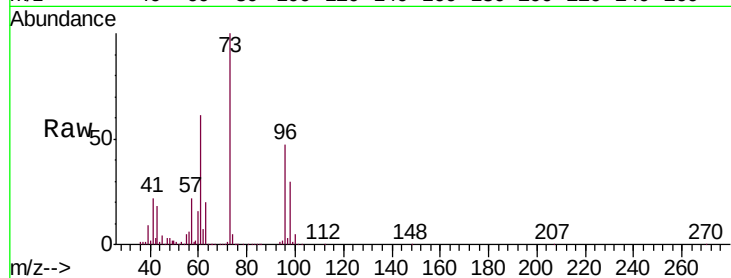
Tgt Ion: 96 Resp: 434975

Ion Ratio Lower Upper

96 100

61 129.2 91.2 169.4

98 62.4 45.7 84.9



#18

Methyl tert-butyl Ether

Concen: 51.431 ug/L

RT: 2.80 min Scan# 532

Delta R.T. -0.00 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

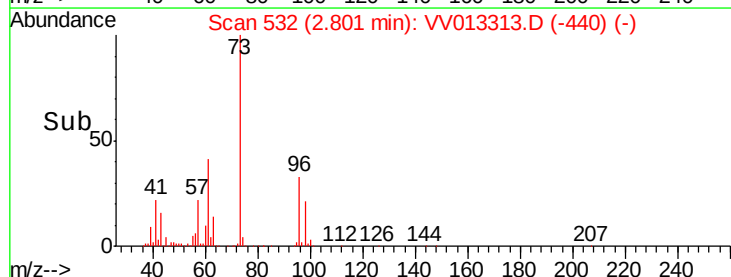
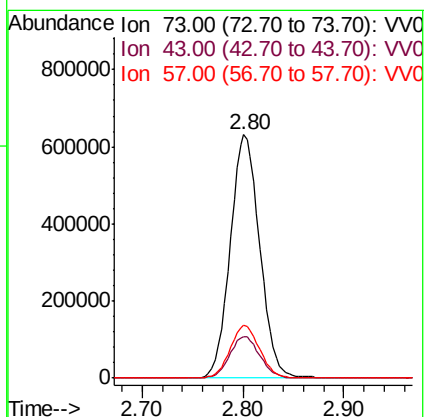
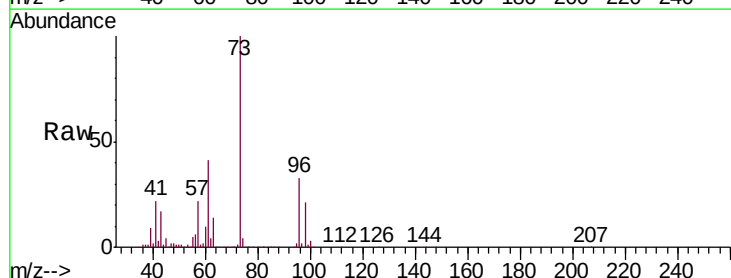
Tgt Ion: 73 Resp: 1281767

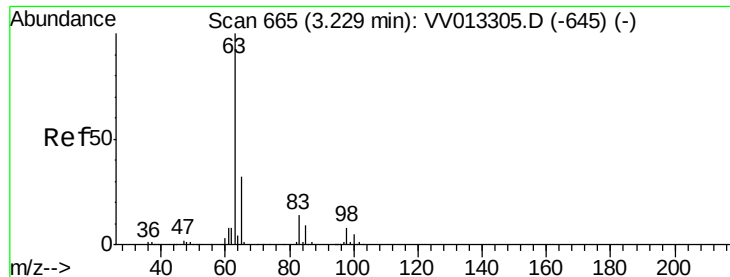
Ion Ratio Lower Upper

73 100

43 17.4 14.2 21.2

57 21.8 17.6 26.4

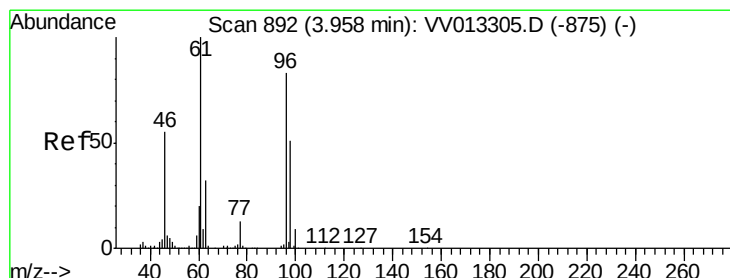
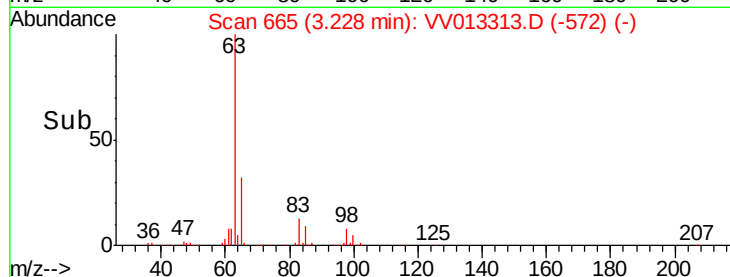
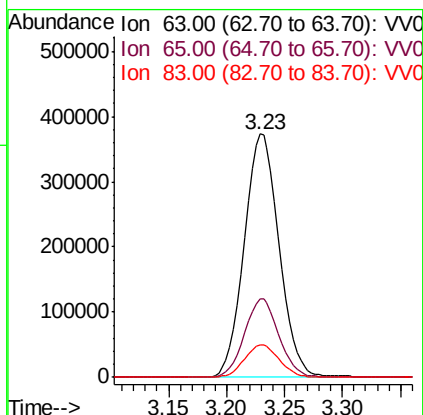
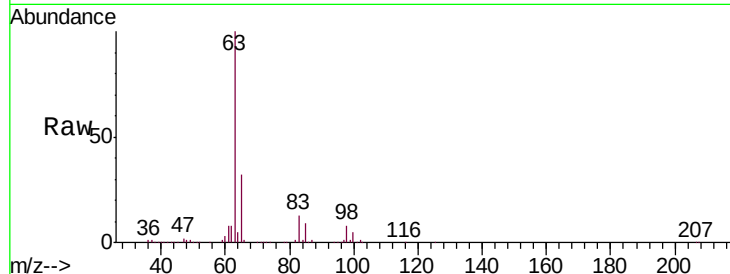




#19
 1,1-Dichloroethane
 Concen: 50.385 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: VV013313.D
 Acq: 23 Oct 2019 22:56

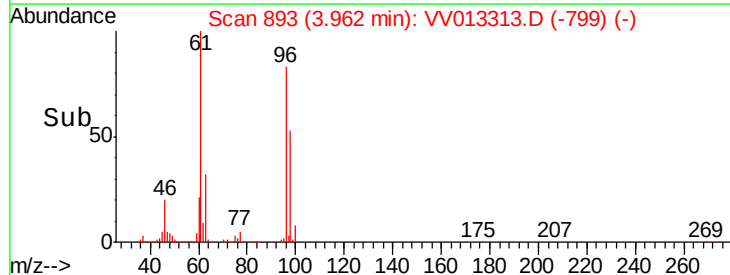
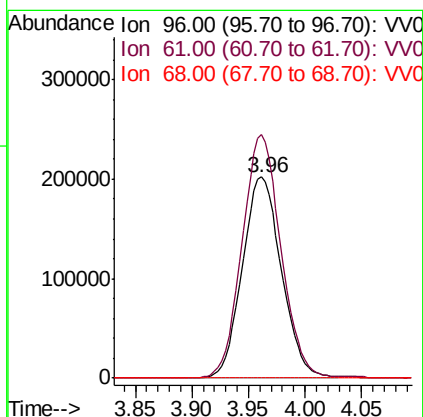
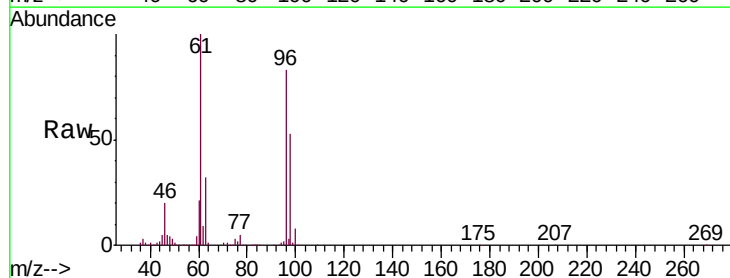
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

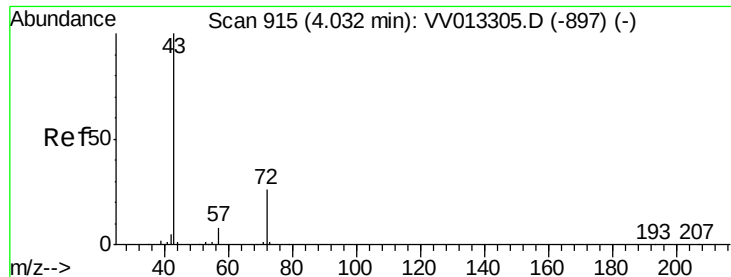
Tgt Ion: 63 Resp: 783182
 Ion Ratio Lower Upper
 63 100
 65 32.0 22.5 41.7
 83 13.4 9.2 17.2



#20
 cis-1,2-Dichloroethene
 Concen: 52.106 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV013313.D
 Acq: 23 Oct 2019 22:56

Tgt Ion: 96 Resp: 485828
 Ion Ratio Lower Upper
 96 100
 61 121.0 84.8 157.4
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 103.835 ug/L

RT: 4.01 min Scan# 908

Delta R.T. -0.02 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

Instrument :

MSVOA_V

ClientSampled :

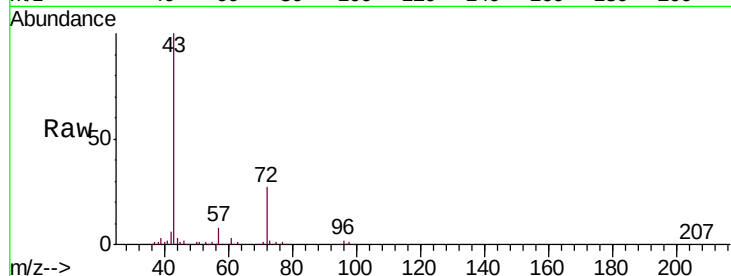
VSTD05078

Tgt Ion: 43 Resp: 601657

Ion Ratio Lower Upper

43 100

72 25.0 13.0 38.9



Abundance Ion 43.00 (42.70 to 43.70): VV013305.D (-897) (-)

Ion 72.00 (71.70 to 72.70): VV013305.D (-897) (-)

4.01

250000

200000

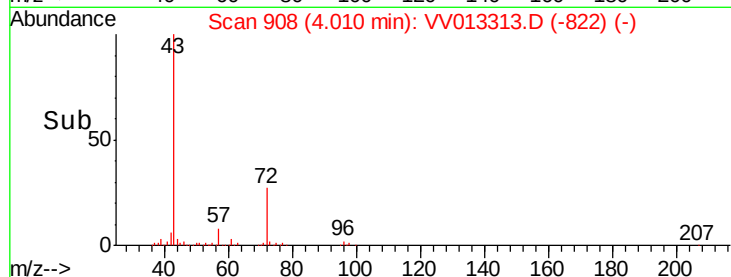
150000

100000

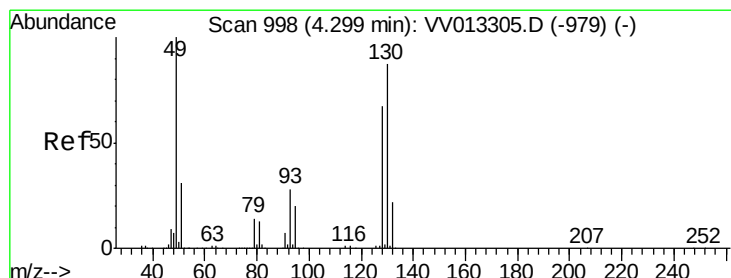
50000

0

Time-->



Time-->



#23

Bromochloromethane

Concen: 50.982 ug/L

RT: 4.30 min Scan# 997

Delta R.T. -0.00 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

Tgt Ion: 128 Resp: 257264

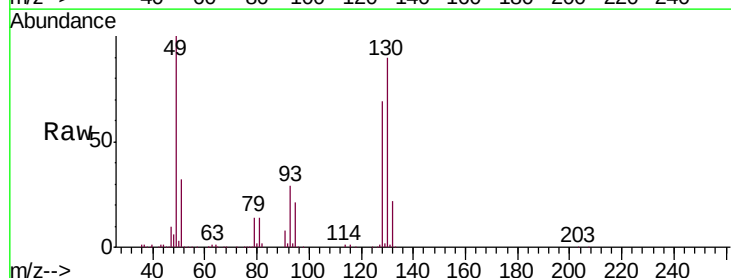
Ion Ratio Lower Upper

128 100

49 145.9 103.1 191.5

130 130.8 92.5 171.7

51 46.1 37.6 56.4



Abundance Ion 128.00 (127.70 to 128.70): VV013305.D (-979) (-)

Ion 49.00 (48.70 to 49.70): VV013305.D (-979) (-)

Ion 130.00 (129.70 to 130.70): VV013305.D (-979) (-)

Ion 51.00 (50.70 to 51.70): VV013305.D (-979) (-)

250000

200000

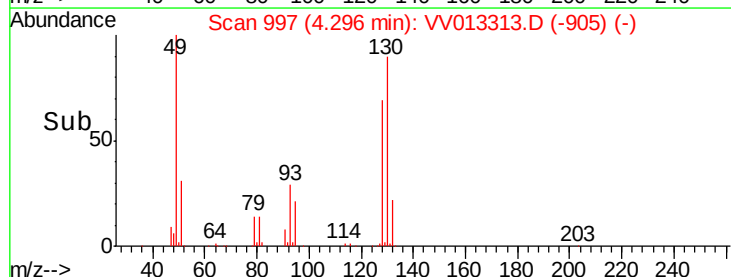
150000

100000

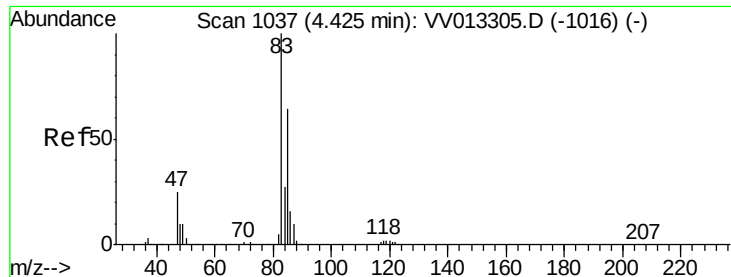
50000

0

Time-->



Time-->



#25

Chloroform

Concen: 50.681 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

Instrument :

MSVOA_V

ClientSampleId :

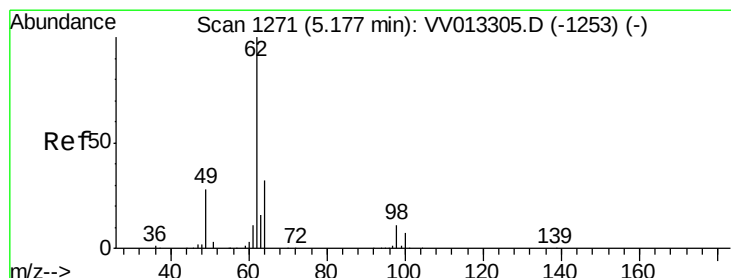
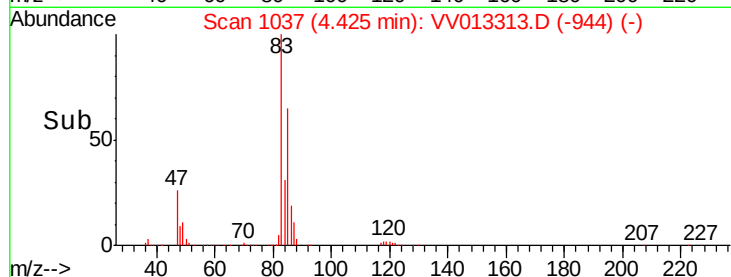
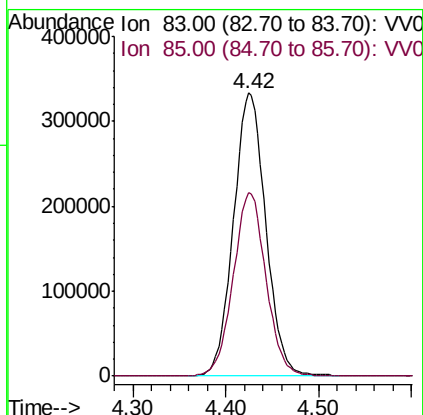
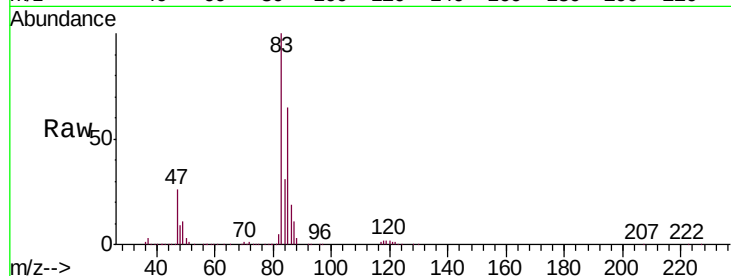
VSTD05078

Tgt Ion: 83 Resp: 806169

Ion Ratio Lower Upper

83 100

85 64.8 45.8 85.0



#27

1,2-Dichloroethane

Concen: 52.077 ug/L

RT: 5.18 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VV013313.D

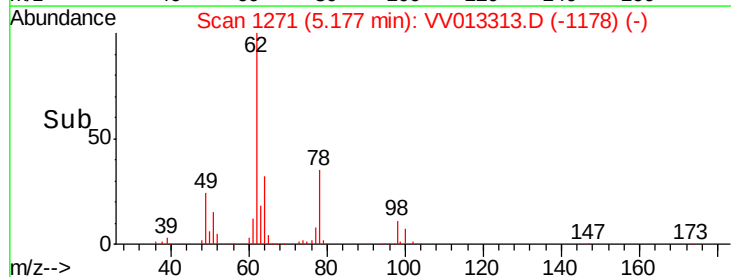
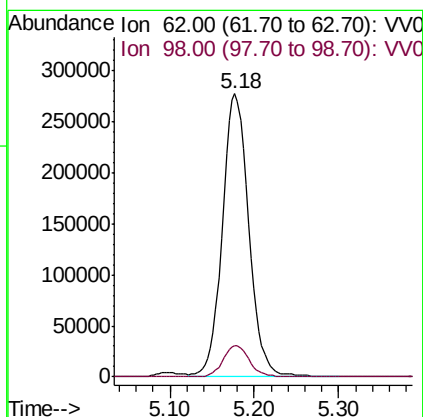
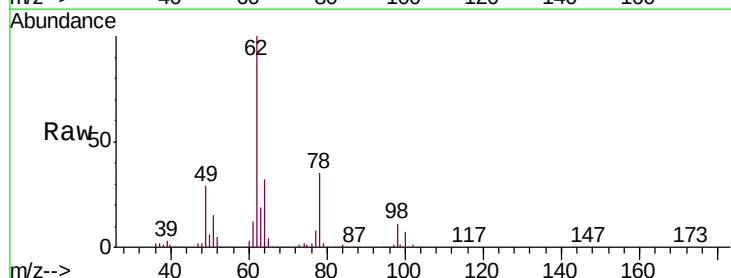
Acq: 23 Oct 2019 22:56

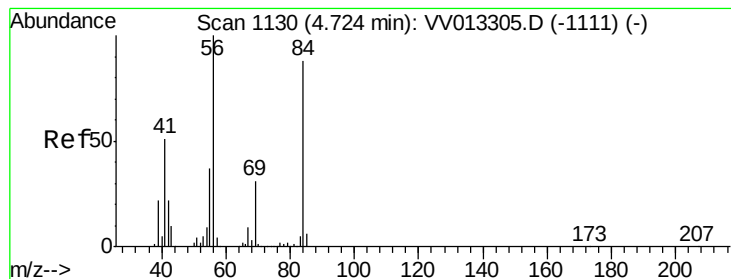
Tgt Ion: 62 Resp: 603718

Ion Ratio Lower Upper

62 100

98 11.0 8.5 12.7





#29

Cyclohexane

Concen: 50.580 ug/L

RT: 4.73 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD05078

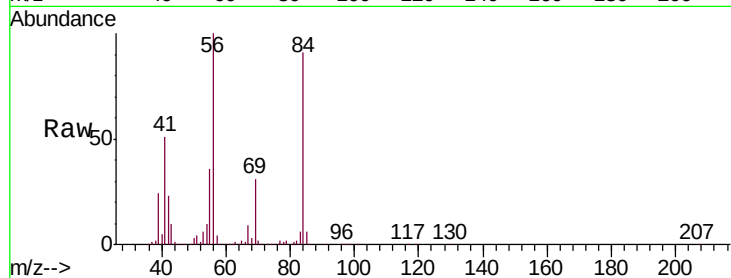
Tgt Ion: 56 Resp: 693736

Ion Ratio Lower Upper

56 100

69 31.1 24.4 36.6

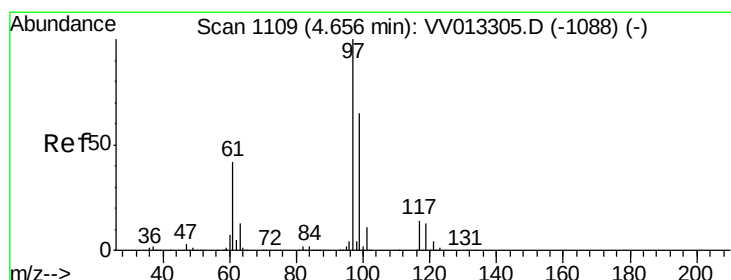
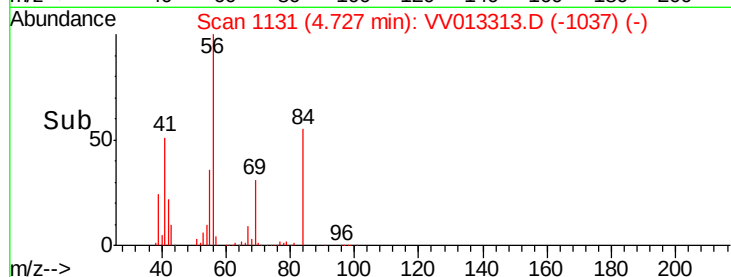
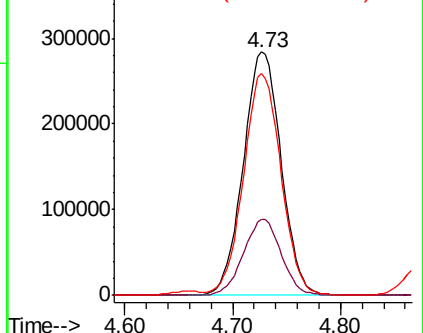
84 89.5 70.5 105.7



Abundance Ion 56.00 (55.70 to 56.70): VV013313.D (-1037) (-)

Ion 69.00 (68.70 to 69.70): VV013313.D (-1037) (-)

Ion 84.00 (83.70 to 84.70): VV013313.D (-1037) (-)



#30

1,1,1-Trichloroethane

Concen: 49.487 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

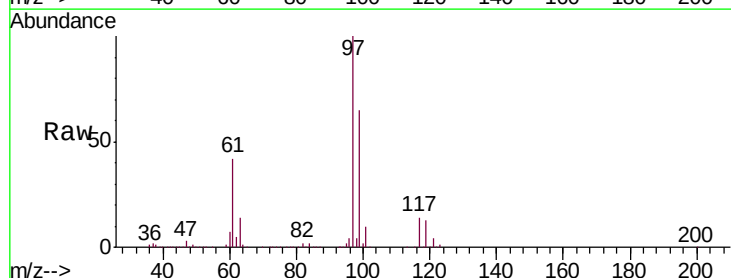
Tgt Ion: 97 Resp: 677916

Ion Ratio Lower Upper

97 100

99 64.7 51.0 76.6

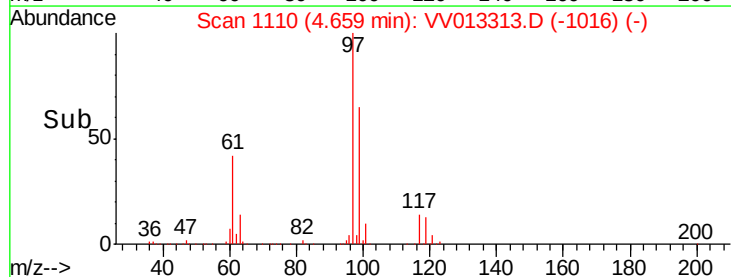
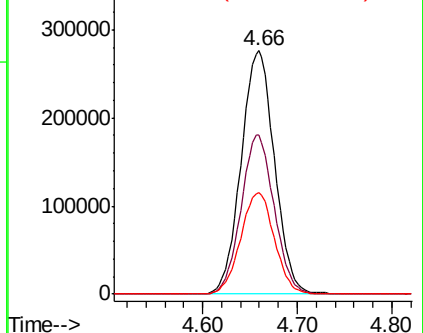
61 41.8 33.2 49.8

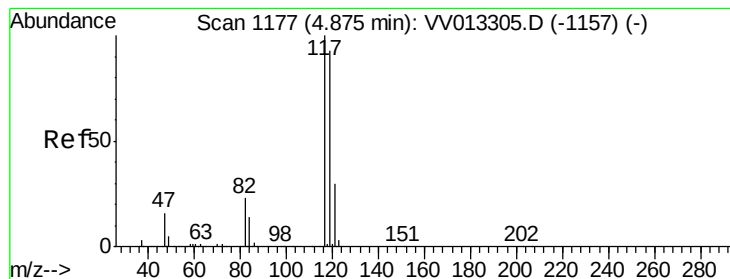


Abundance Ion 97.00 (96.70 to 97.70): VV013313.D (-1016) (-)

Ion 99.00 (98.70 to 99.70): VV013313.D (-1016) (-)

Ion 61.05 (60.75 to 61.75): VV013313.D (-1016) (-)





#31

Carbon tetrachloride

Concen: 49.732 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

Instrument :

MSVOA_V

ClientSampleId :

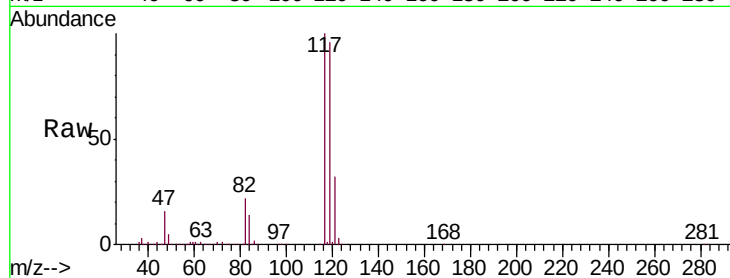
VSTD05078

Tgt Ion:117 Resp: 614220

Ion Ratio Lower Upper

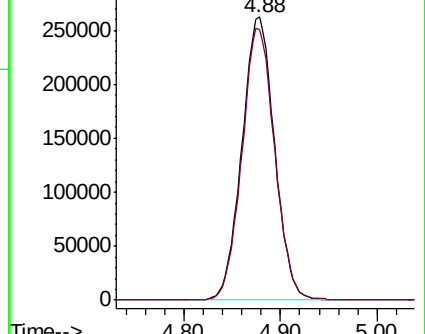
117 100

119 96.5 76.6 115.0

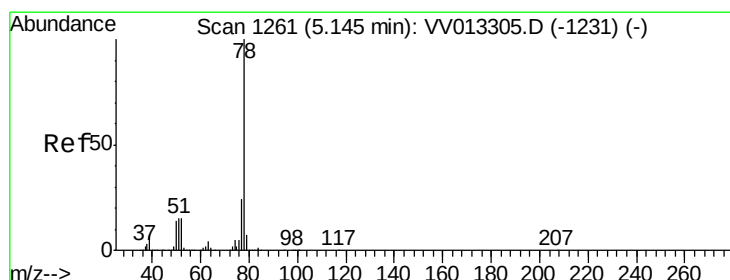
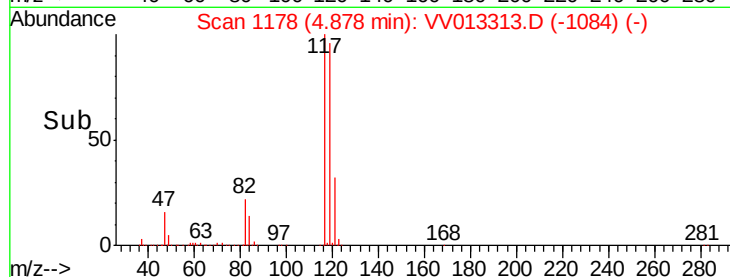


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



Time-->



#33

Benzene

Concen: 50.287 ug/L

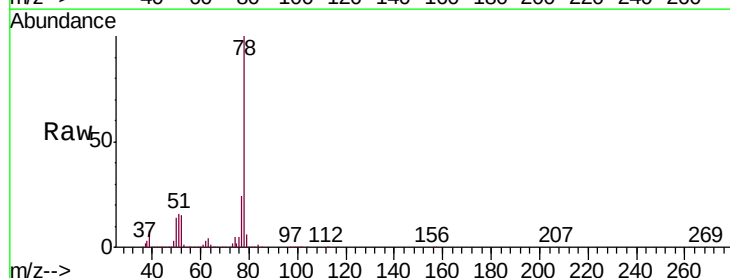
RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

Tgt Ion: 78 Resp: 1807934



Abundance Ion 78.00 (77.70 to 78.70): VV0

1000000

800000

600000

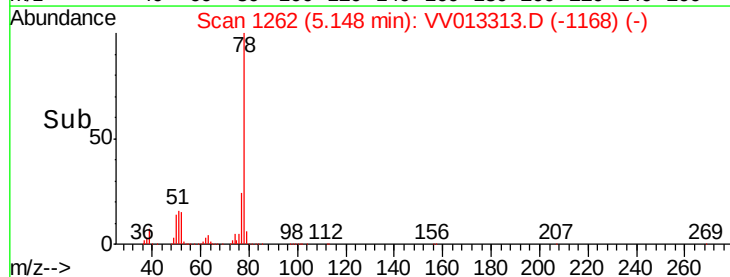
400000

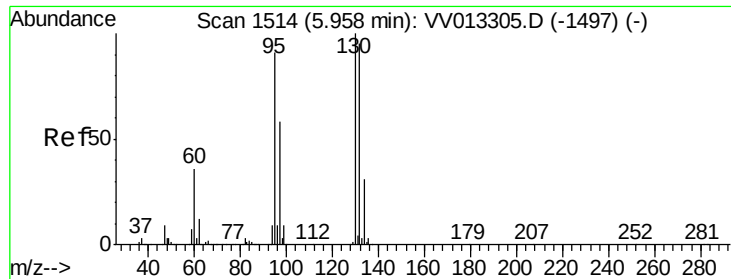
200000

0

5.00 5.10 5.20 5.30

Time-->

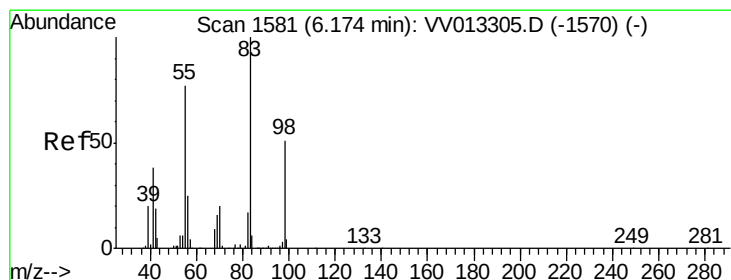
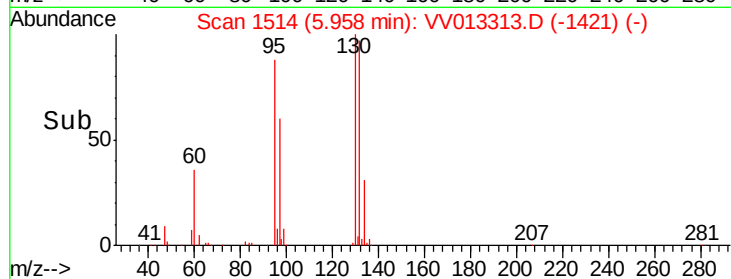
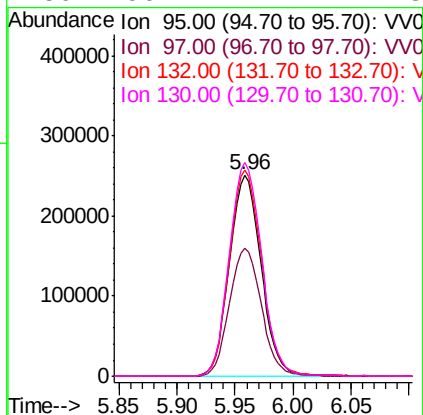
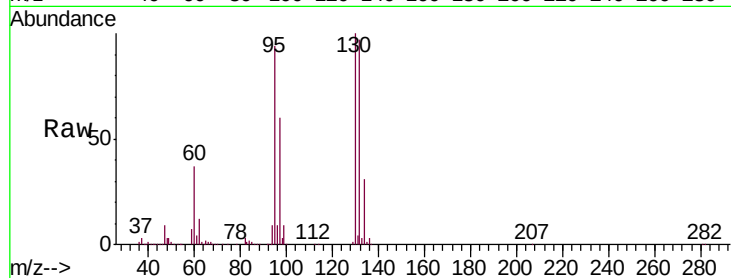




#34
 Trichloroethene
 Concen: 50.424 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.00 min
 Lab File: VV013313.D
 Acq: 23 Oct 2019 22:56

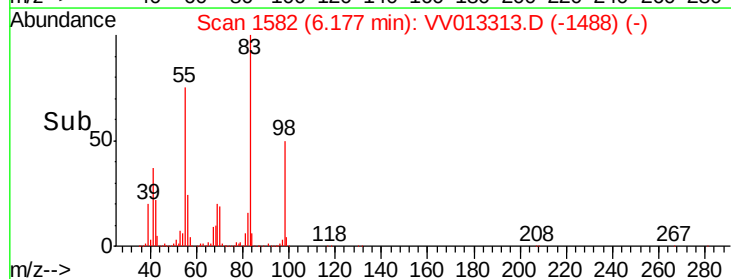
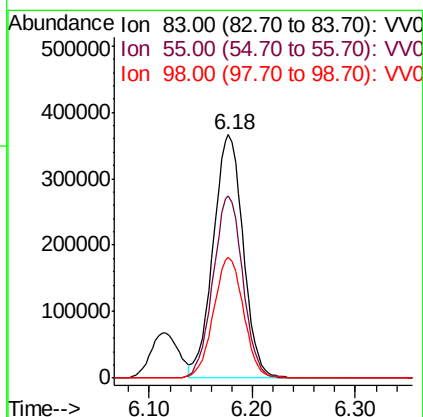
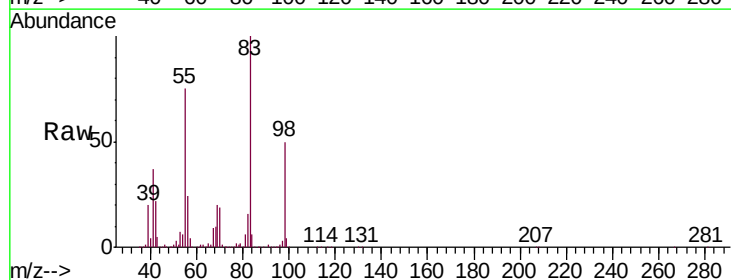
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

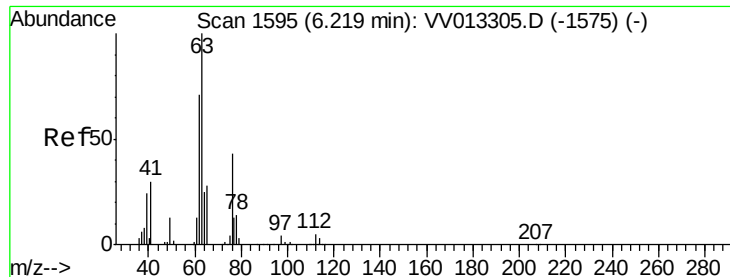
Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.3	84.1
132	102.6	75.5	140.1
130	106.1	77.7	144.3



#35
 Methylcyclohexane
 Concen: 51.599 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. 0.00 min
 Lab File: VV013313.D
 Acq: 23 Oct 2019 22:56

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.3	59.0	88.4
98	49.7	39.3	58.9

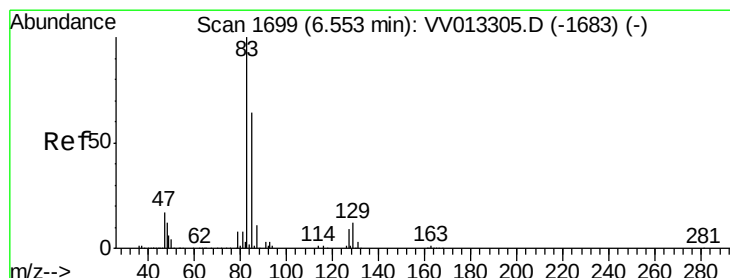
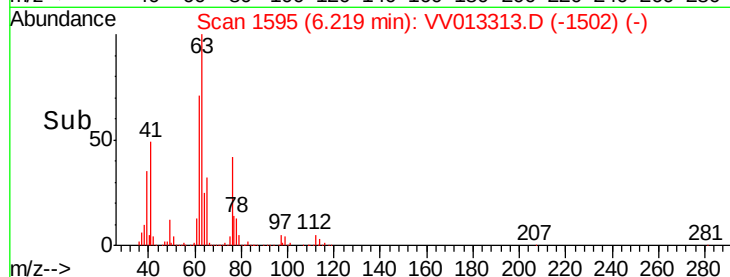
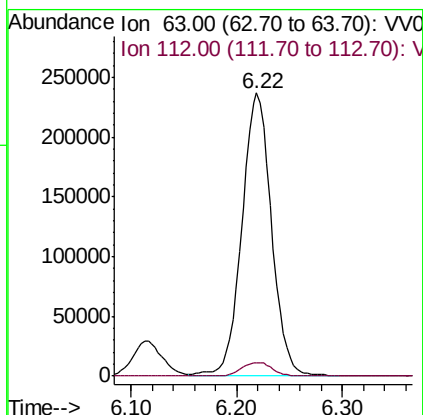
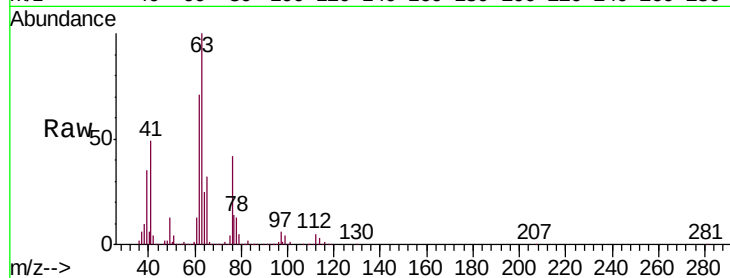




#37
 1,2-Dichloropropane
 Concen: 50.913 ug/L
 RT: 6.22 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: VV013313.D
 Acq: 23 Oct 2019 22:56

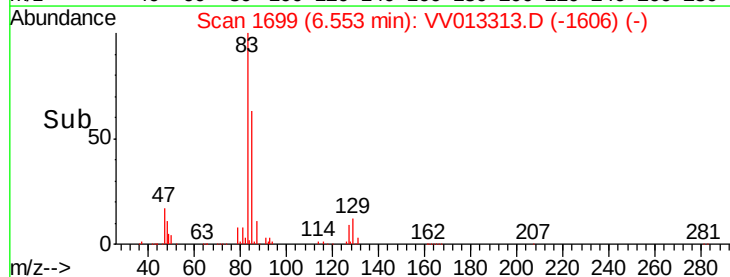
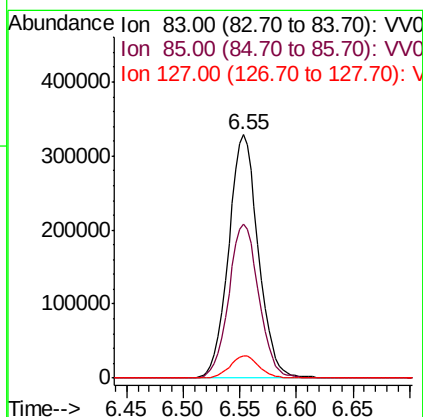
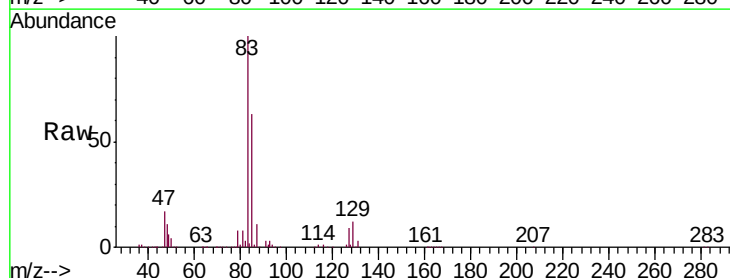
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05078

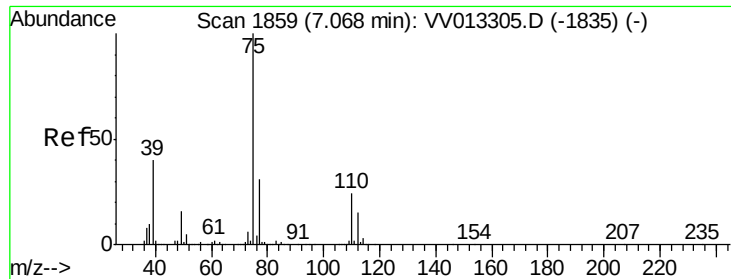
Tgt Ion: 63 Resp: 461054
 Ion Ratio Lower Upper
 63 100
 112 5.0 3.9 5.9



#38
 Bromodichloromethane
 Concen: 50.233 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VV013313.D
 Acq: 23 Oct 2019 22:56

Tgt Ion: 83 Resp: 599085
 Ion Ratio Lower Upper
 83 100
 85 63.4 44.6 82.8
 127 9.1 7.4 11.2

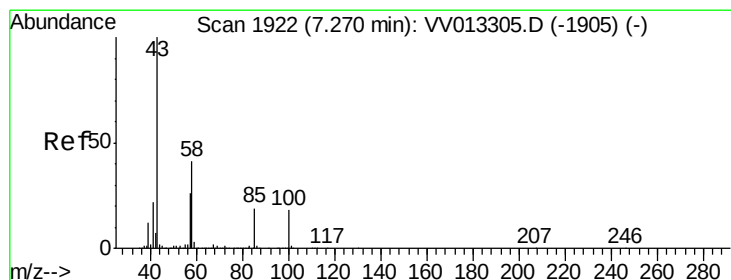
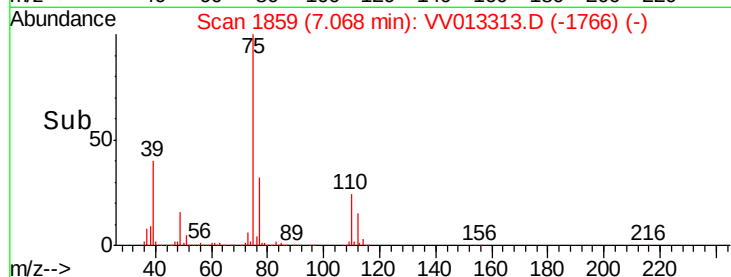
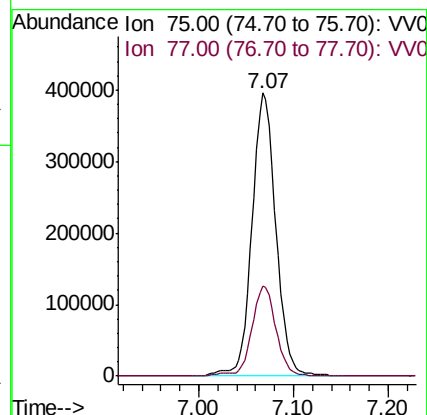
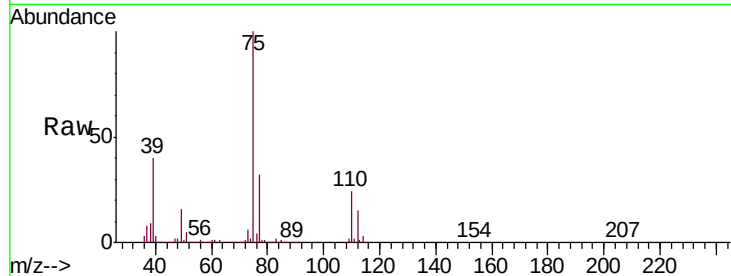




#39
 cis-1,3-Dichloropropene
 Concen: 51.492 ug/L
 RT: 7.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VV013313.D
 Acq: 23 Oct 2019 22:56

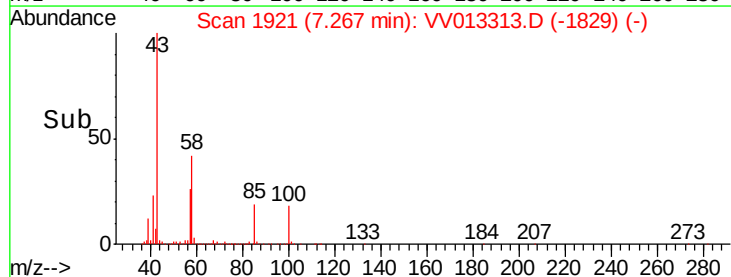
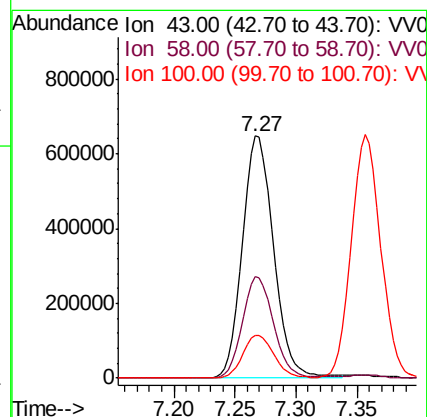
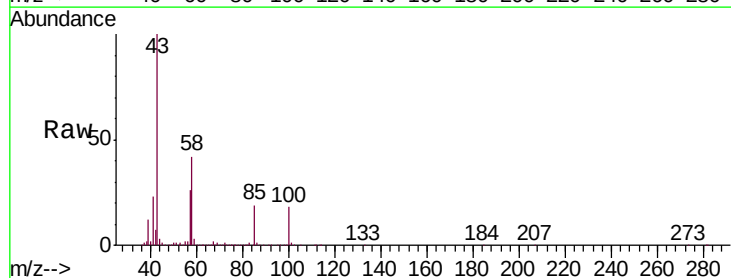
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

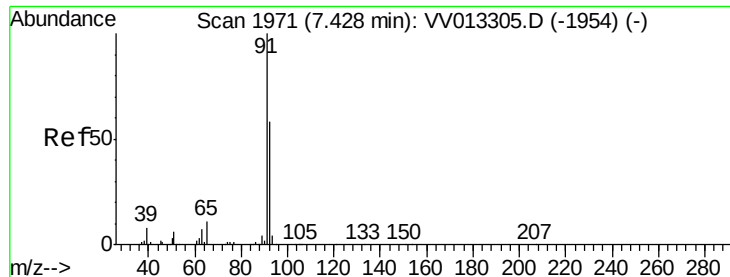
Tgt Ion: 75 Resp: 697152
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 101.853 ug/L
 RT: 7.27 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VV013313.D
 Acq: 23 Oct 2019 22:56

Tgt Ion: 43 Resp: 1146217
 Ion Ratio Lower Upper
 43 100
 58 41.4 33.0 49.4
 100 17.7 13.8 20.6





#42

Toluene

Concen: 52.293 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV013313.D

Acq: 23 Oct 2019 22:56

Instrument :

MSVOA_V

ClientSampleId :

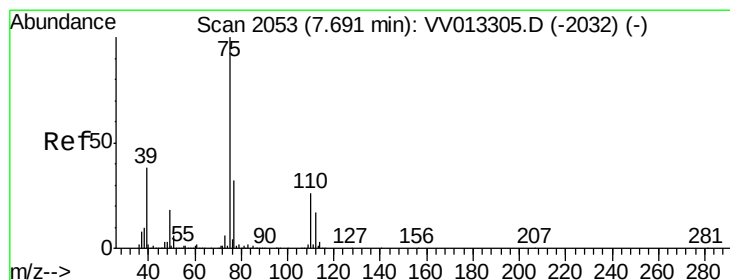
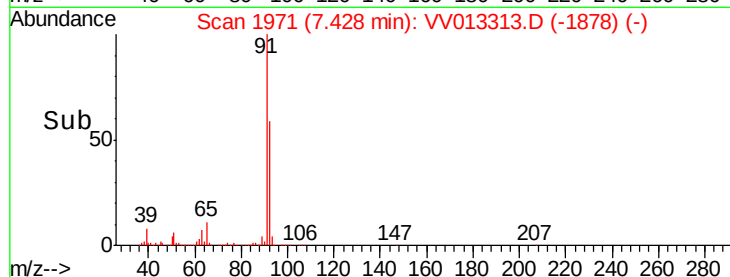
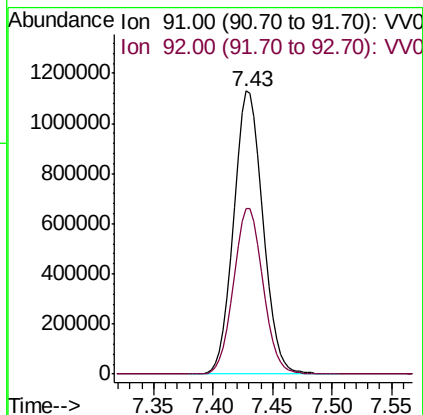
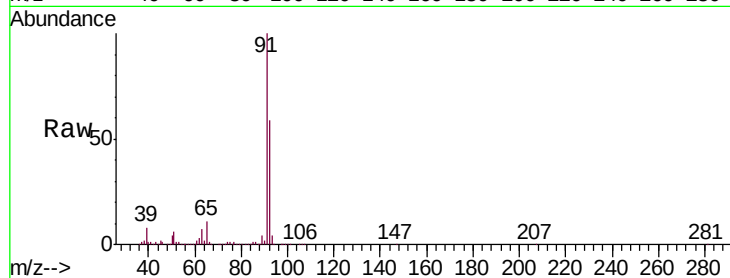
VSTD05078

Tgt Ion: 91 Resp: 1927431

Ion Ratio Lower Upper

91 100

92 58.7 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 51.412 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. -0.00 min

Lab File: VV013313.D

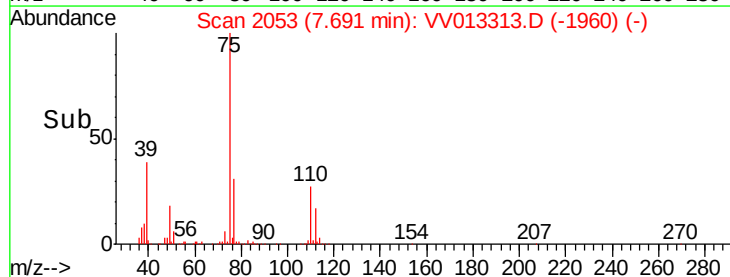
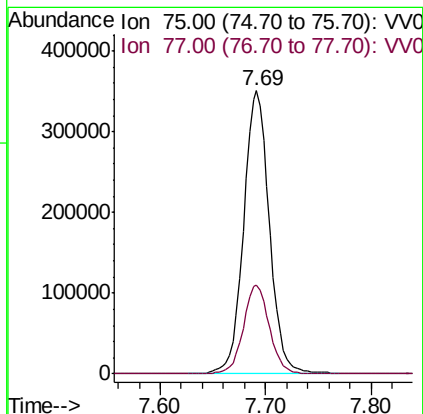
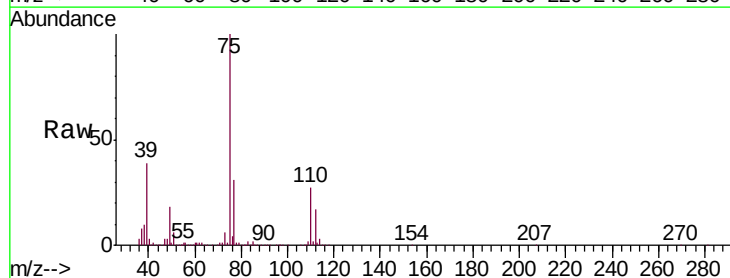
Acq: 23 Oct 2019 22:56

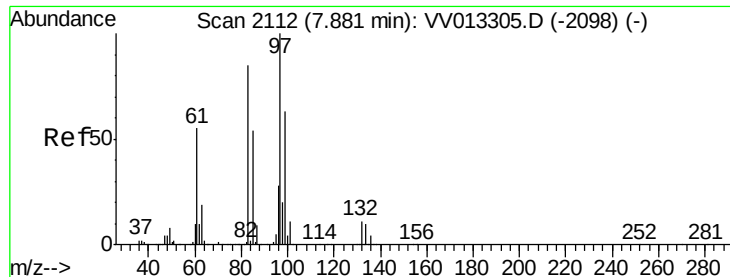
Tgt Ion: 75 Resp: 595316

Ion Ratio Lower Upper

75 100

77 31.4 22.2 41.2

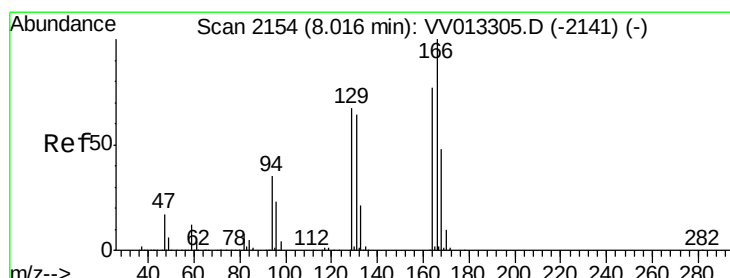
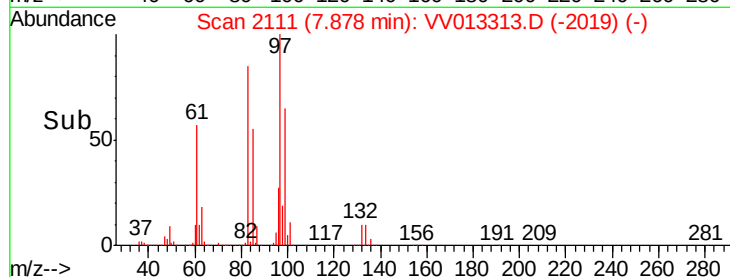
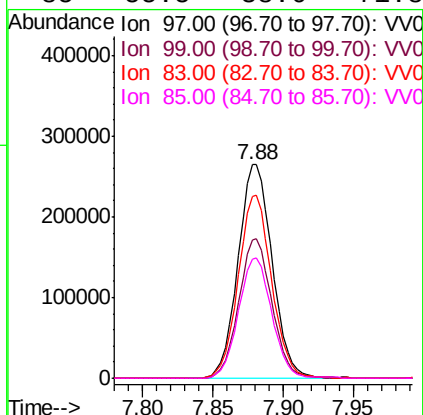
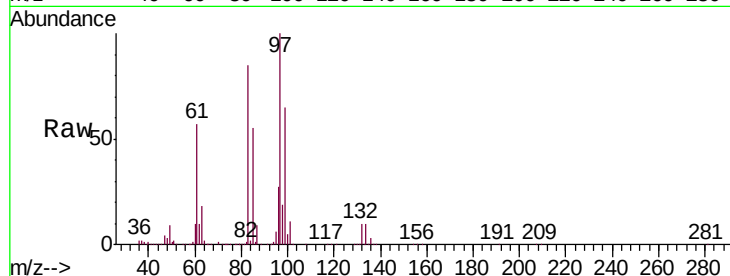




#45
 1,1,2-Trichloroethane
 Concen: 50.390 ug/L
 RT: 7.88 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VV013313.D
 Acq: 23 Oct 2019 22:56

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05078

Tgt Ion:	97	Resp:	449263
Ion	Ratio	Lower	Upper
97	100		
99	64.6	44.1	81.9
83	85.1	58.9	109.3
85	55.5	38.6	71.8



#46
 Tetrachloroethene
 Concen: 50.560 ug/L
 RT: 8.02 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: VV013313.D
 Acq: 23 Oct 2019 22:56

Tgt Ion:	164	Resp:	424464
Ion	Ratio	Lower	Upper
164	100		
129	84.9	59.7	110.9
131	81.9	59.2	110.0
166	125.5	92.0	170.9

