

Data File : VV013599.D
Acq On : 13 Nov 2019 10:02
Operator : SY/MD
Sample : VSTD00131
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

Quant Time: Nov 14 04:53:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 14 04:50:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.70	114	418326	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.91	117	383185	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	179407	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.35	65	21794	1.12	ug/L	0.00
7) Chloroethane-d5	1.61	69	19741	1.18	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.17	63	38915	1.06	ug/L	0.01
20) 2-Butanone-d5	4.05	46	33419	5.59	ug/L	0.00
24) Chloroform-d	4.44	84	39261	0.86	ug/L	0.01
26) 1,2-Dichloroethane-d4	5.11	65	17856	0.76	ug/L	0.01
32) Benzene-d6	5.12	84	75600	0.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.18	67	27415	1.02	ug/L	0.00
41) Toluene-d8	7.40	98	69253	0.95	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.70	79	8991	0.88	ug/L	0.00
46) 2-Hexanone-d5	8.16	63	29908	7.22	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	17602	0.84	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	26910	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.17	85	33064	0.826 ug/L	98
3) Chloromethane	1.28	50	29533	0.818 ug/L	95
5) Vinyl chloride	1.35	62	30037	0.871 ug/L	98
6) Bromomethane	1.56	94	16493	0.891 ug/L	95
8) Chloroethane	1.63	64	15613	0.819 ug/L	100
9) Trichlorofluoromethane	1.79	101	39982	0.863 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.18	101	23907	0.915 ug/L	98
12) 1,1-Dichloroethene	2.18	96	21428	0.869 ug/L	99
13) Acetone	2.30	43	27419	7.542 ug/L	94
14) Carbon disulfide	2.36	76	60916	0.826 ug/L #	95
15) Methyl Acetate	2.53	43	8757	0.834 ug/L #	88
16) Methylene chloride	2.59	84	23861	0.765 ug/L	97
17) Methyl tert-butyl Ether	2.87	73	47987	0.750 ug/L	97
18) trans-1,2-Dichloroethene	2.84	96	21476	0.718 ug/L	93
19) 1,1-Dichloroethane	3.28	63	40698	0.739 ug/L	97
21) 2-Butanone	4.13	43	47182	7.209 ug/L	99
22) cis-1,2-Dichloroethene	4.01	96	24720	0.793 ug/L #	96
23) Bromochloromethane	4.34	128	10272	0.716 ug/L	94
25) Chloroform	4.47	83	58292	0.956 ug/L	99
27) 1,2-Dichloroethane	5.22	62	28163	0.837 ug/L	98
29) 1,1,1-Trichloroethane	4.68	97	34176	0.755 ug/L	97
30) Cyclohexane	4.74	56	37008	0.819 ug/L	89
31) Carbon tetrachloride	4.89	117	32192	0.791 ug/L	99
33) Benzene	5.17	78	104461	0.893 ug/L	100
34) Trichloroethene	6.01	95	25527	0.815 ug/L	96
35) Methylcyclohexane	6.23	83	33286	0.707 ug/L	94
37) 1,2-Dichloropropane	6.28	63	24071	0.840 ug/L #	97
38) Bromodichloromethane	6.61	83	34223	0.923 ug/L	98
39) cis-1,3-Dichloropropene	7.12	75	29986	0.758 ug/L	99
40) 4-Methyl-2-pentanone	7.32	43	117875	7.261 ug/L	96

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 14 04:50:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.47	91	93323	0.768	ug/L	93
44) trans-1,3-Dichloropropene	7.73	75	24366	0.776	ug/L	100
45) 1,1,2-Trichloroethane	7.91	97	18106	0.917	ug/L	97
47) Tetrachloroethene	8.04	164	25109	0.912	ug/L	94
48) 2-Hexanone	8.21	43	81413	6.997	ug/L	93
49) Dibromochloromethane	8.32	129	21671	0.879	ug/L	99
50) 1,2-Dibromoethane	8.42	107	16618	0.903	ug/L	85
51) Chlorobenzene	8.94	112	65642	0.818	ug/L	98
52) Ethylbenzene	9.07	91	94745	0.734	ug/L	100
53) m,p-xylene	9.19	106	33618	0.694	ug/L	96
54) o-xylene	9.59	106	31402	0.680	ug/L	98
55) Styrene	9.61	104	49942	0.632	ug/L	95
56) Isopropylbenzene	9.98	105	83710	0.671	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	19284	0.909	ug/L #	94
59) 1,2,3-Trichloropropane	10.32	75	16012	0.940	ug/L	97
61) Bromoform	9.78	173	12553	0.986	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	47755	0.808	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	51829	0.874	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	46126	0.848	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	3455	1.215	ug/L	87
67) 1,3,5-Trichlorobenzene	12.69	180	40947	0.883	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	29186	0.798	ug/L	99
69) Naphthalene	13.55	128	32219	0.660	ug/L	96
70) 1,2,3-Trichlorobenzene	13.79	180	27575	0.798	ug/L	98

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

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ALS Vial      : 4      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

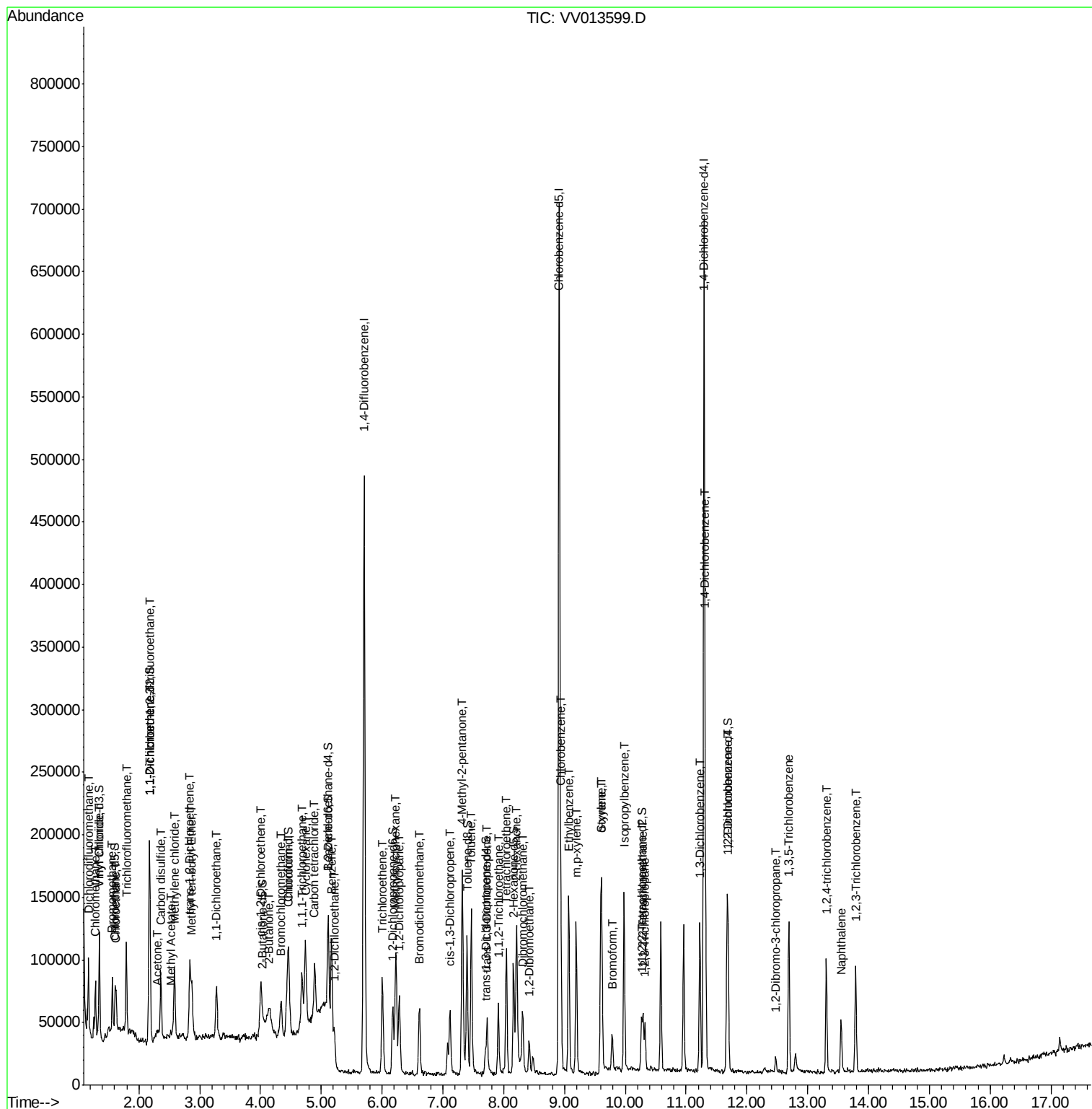
Quant Time: Nov 14 04:53:19 2019

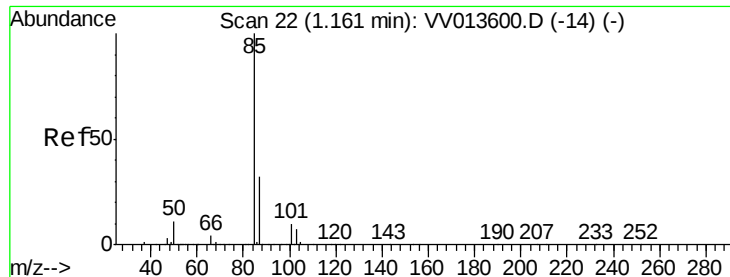
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR111319WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Thu Nov 14 04:50:27 2019

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#2

Dichlorodifluoromethane

Concen: 0.826 ug/L

RT: 1.17 min Scan# 25

Delta R.T. 0.01 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

Instrument :

MSVOA_V

ClientSampleId :

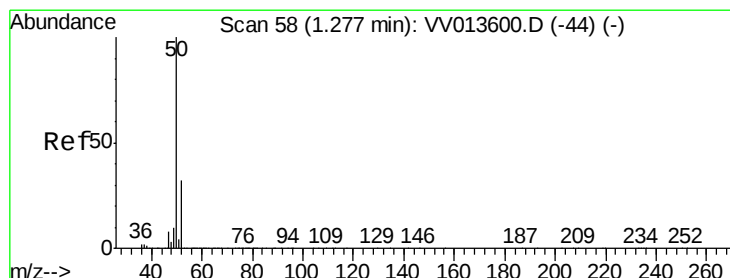
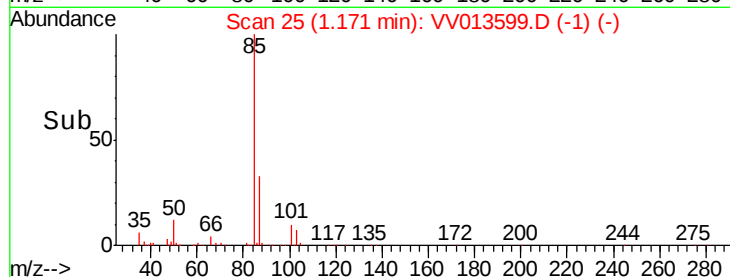
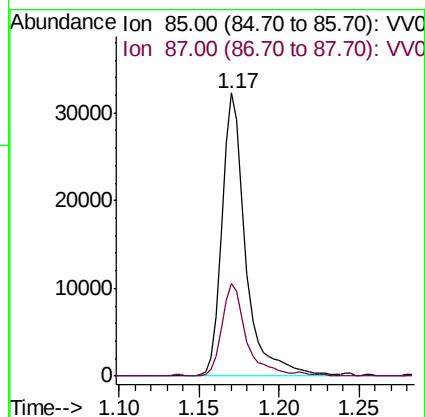
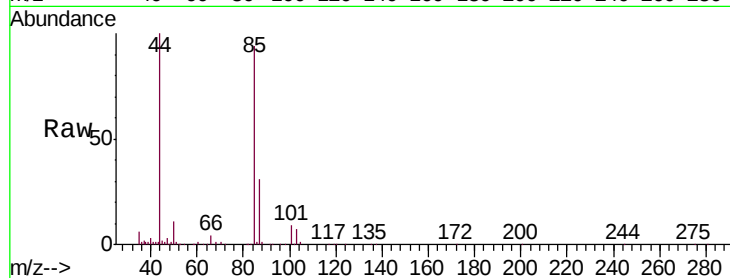
VSTD00131

Tgt Ion: 85 Resp: 33064

Ion Ratio Lower Upper

85 100

87 33.0 25.5 38.3



#3

Chloromethane

Concen: 0.818 ug/L

RT: 1.28 min Scan# 60

Delta R.T. 0.01 min

Lab File: VV013599.D

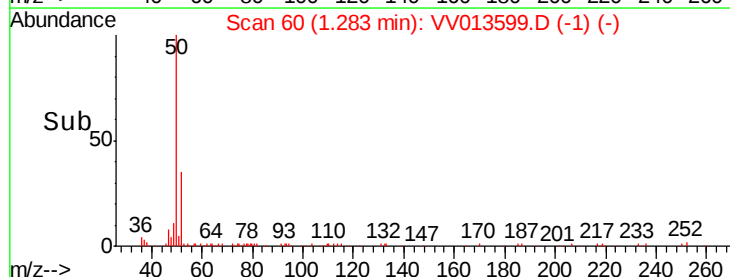
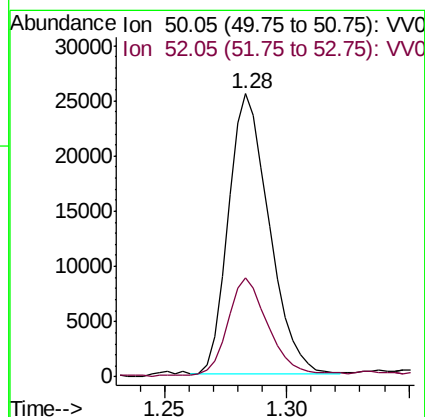
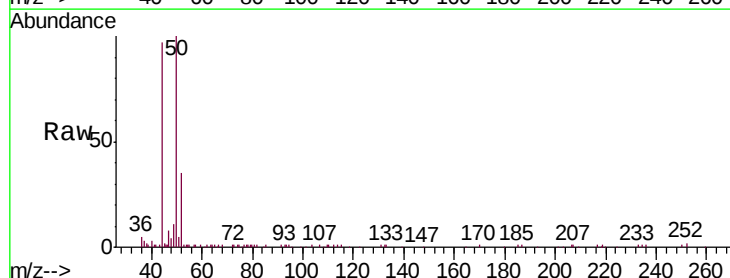
Acq: 13 Nov 2019 10:02

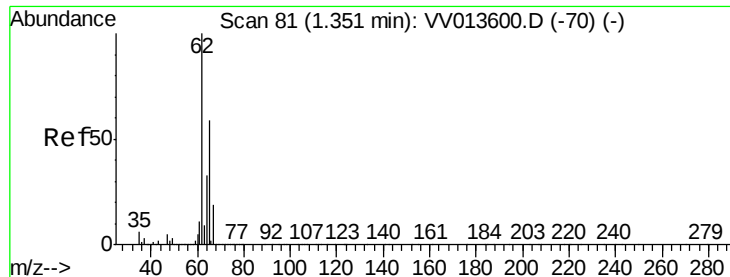
Tgt Ion: 50 Resp: 29533

Ion Ratio Lower Upper

50 100

52 35.1 22.7 42.1





#5

Vinyl chloride

Concen: 0.871 ug/L

RT: 1.35 min Scan# 82

Delta R.T. 0.00 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

Instrument :

MSVOA_V

ClientSampleId :

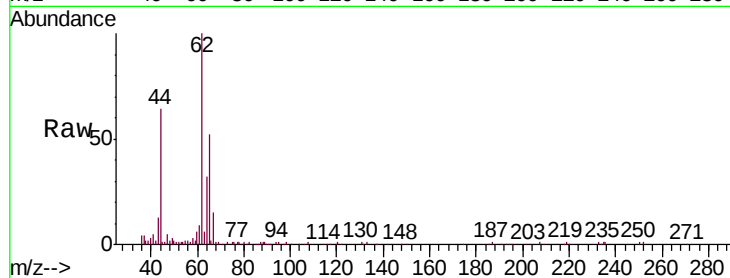
VSTD00131

Tgt Ion: 62 Resp: 30037

Ion Ratio Lower Upper

62 100

64 31.9 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.35

30000

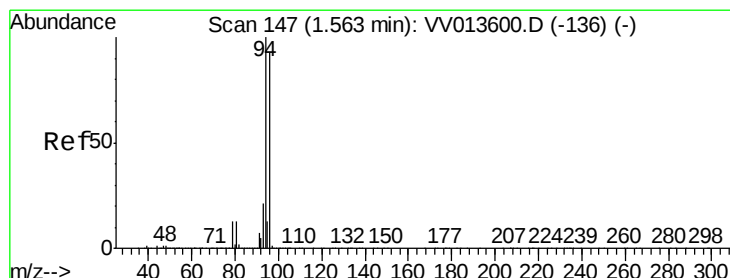
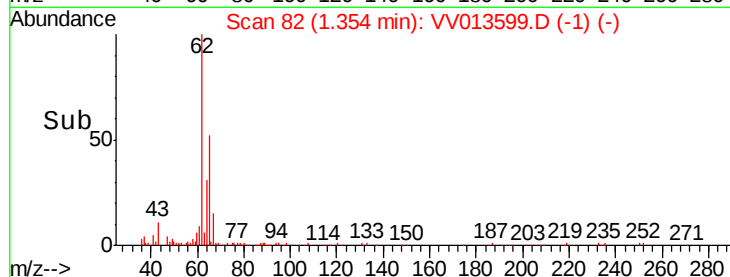
20000

10000

0

Time-->

1.30 1.35 1.40



#6

Bromomethane

Concen: 0.891 ug/L

RT: 1.56 min Scan# 147

Delta R.T. -0.00 min

Lab File: VV013599.D

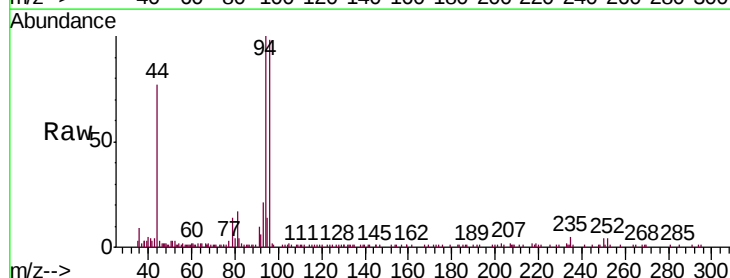
Acq: 13 Nov 2019 10:02

Tgt Ion: 94 Resp: 16493

Ion Ratio Lower Upper

94 100

96 98.0 65.1 120.9



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.56

15000

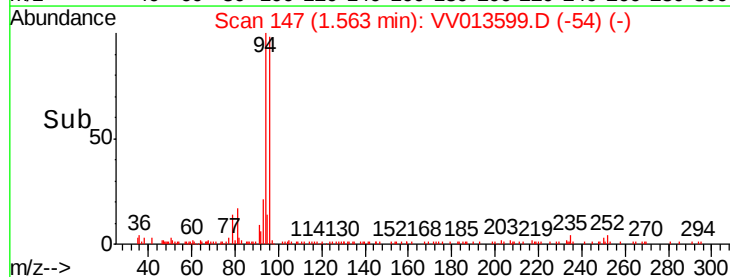
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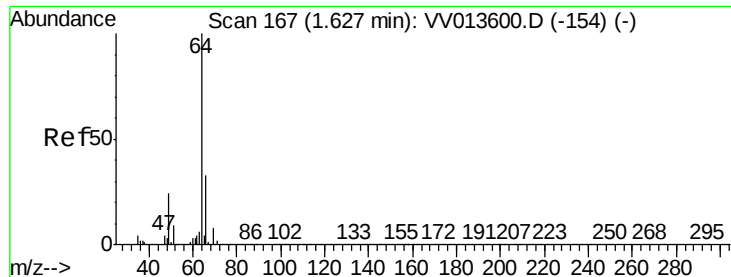
5000

0

Time-->

1.55 1.60

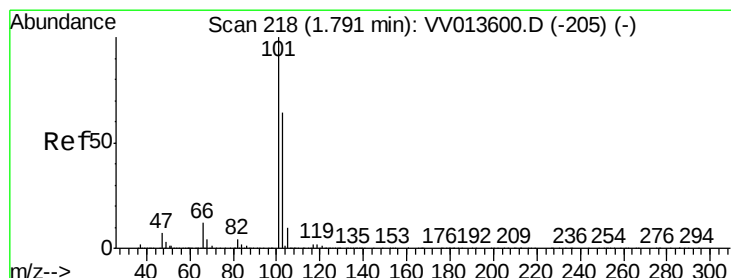
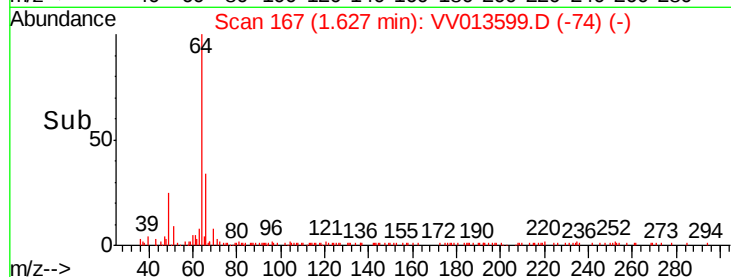
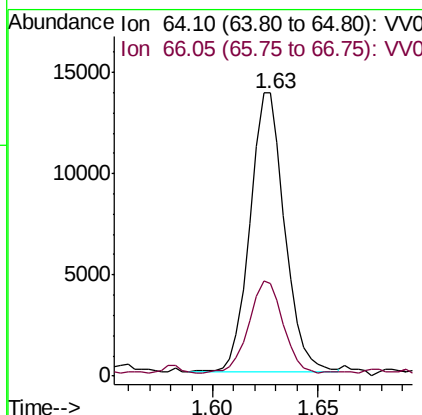
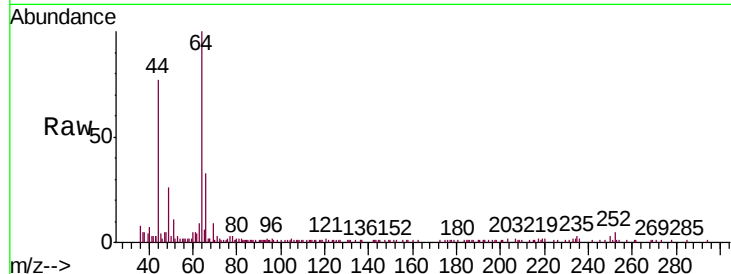




#8
Chloroethane
Concen: 0.819 ug/L
RT: 1.63 min Scan# 167
Delta R.T. -0.00 min
Lab File: VV013599.D
Acq: 13 Nov 2019 10:02

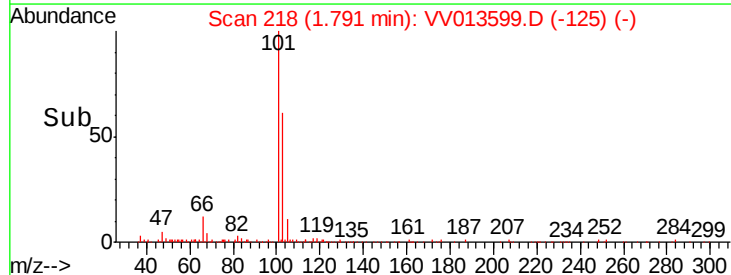
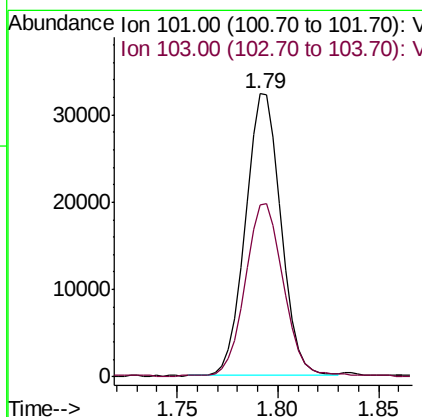
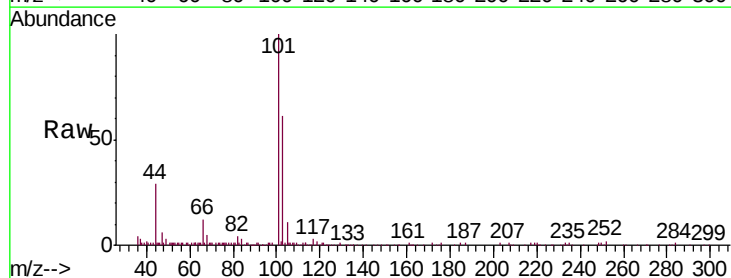
Instrument :
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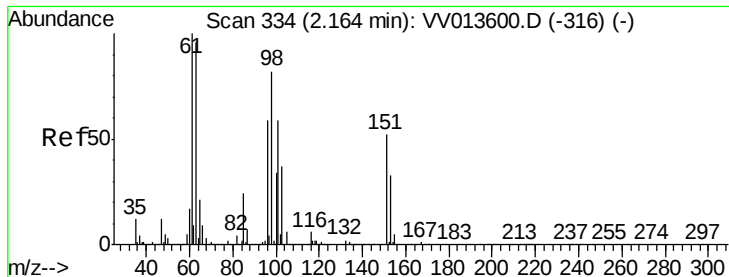
Tgt Ion: 64 Resp: 15613
Ion Ratio Lower Upper
64 100
66 32.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.863 ug/L
RT: 1.79 min Scan# 218
Delta R.T. -0.00 min
Lab File: VV013599.D
Acq: 13 Nov 2019 10:02

Tgt Ion: 101 Resp: 39982
Ion Ratio Lower Upper
101 100
103 66.9 52.6 78.8





#10

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

Concen: 0.915 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.01 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD00131

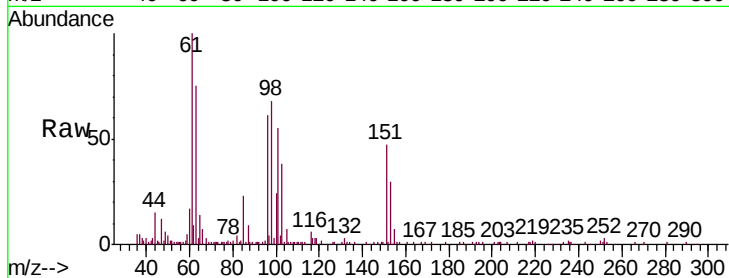
Tgt Ion: 101 Resp: 23907

Ion Ratio Lower Upper

101 100

85 41.5 33.1 49.7

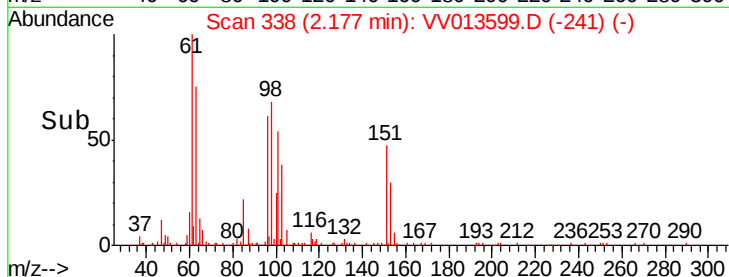
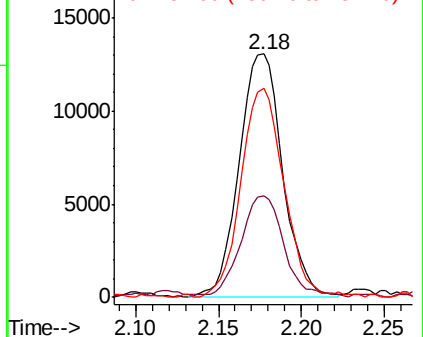
151 84.2 69.5 104.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.869 ug/L

RT: 2.18 min Scan# 338

Delta R.T. 0.01 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

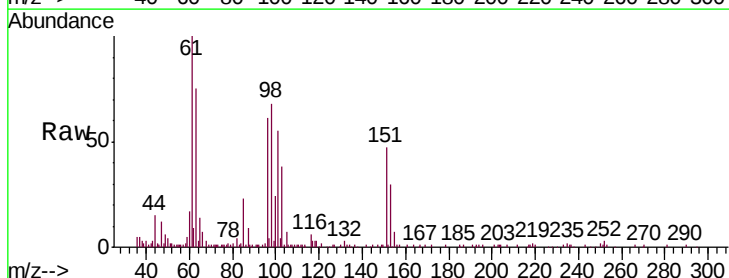
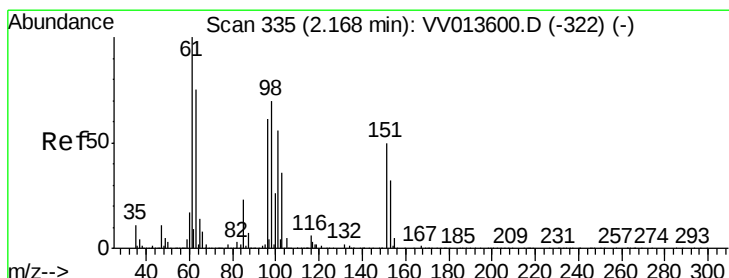
Tgt Ion: 96 Resp: 21428

Ion Ratio Lower Upper

96 100

61 164.0 115.6 214.6

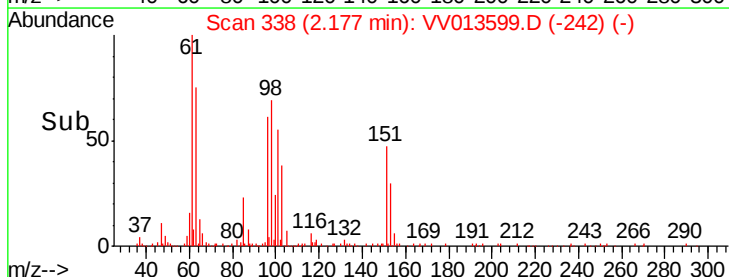
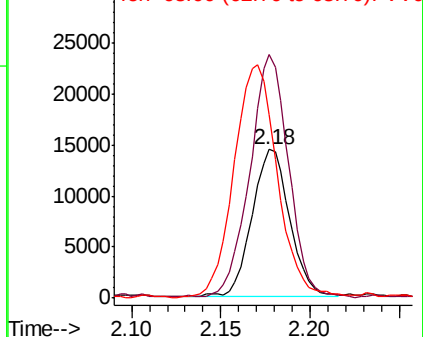
63 123.2 87.2 162.0

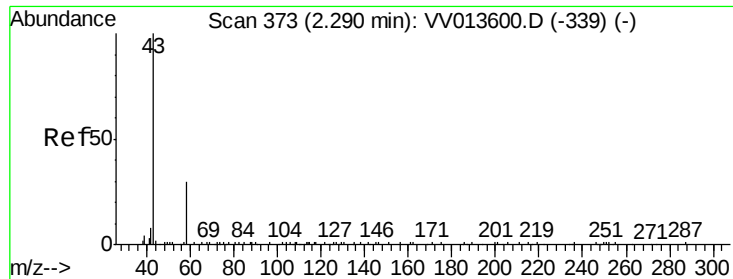


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

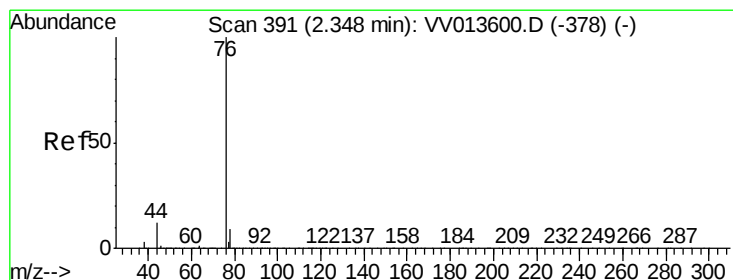
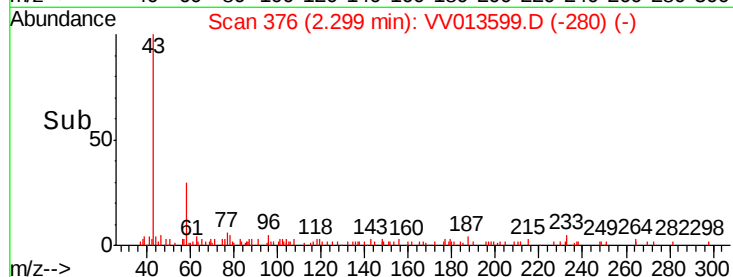
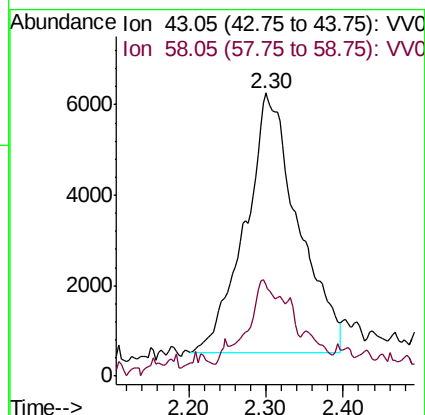
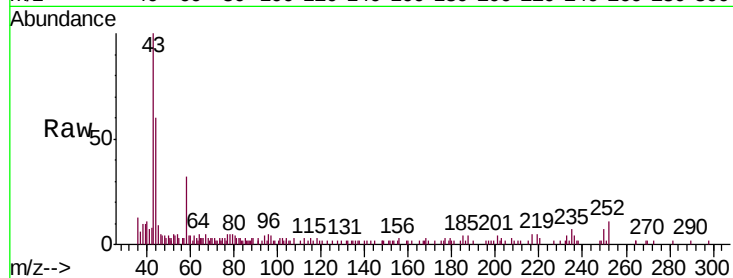




#13
Acetone
Concen: 7.542 ug/L
RT: 2.30 min Scan# 376
Delta R.T. 0.01 min
Lab File: VV013599.D
Acq: 13 Nov 2019 10:02

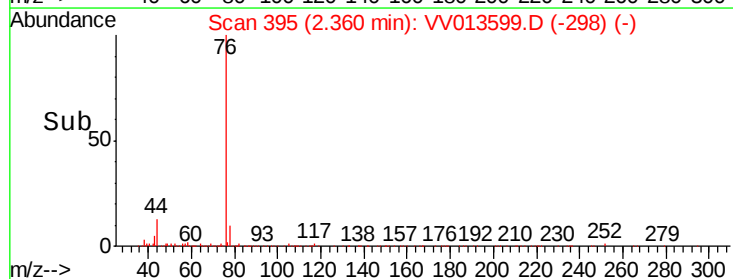
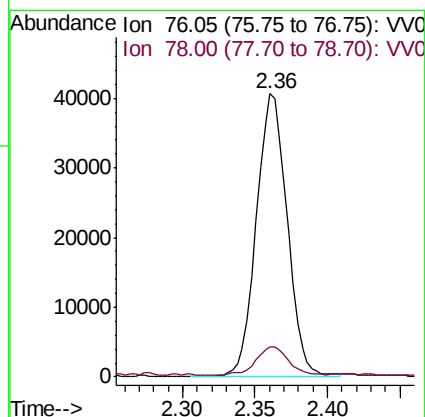
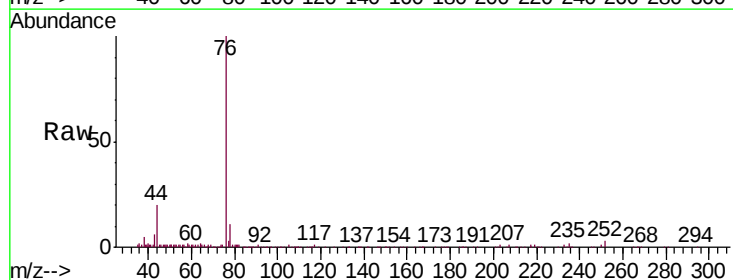
Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

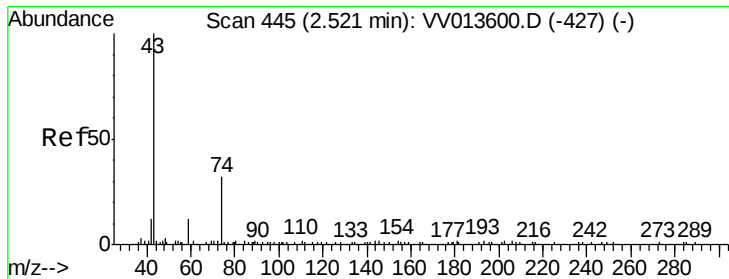
Tgt Ion: 43 Resp: 27419
Ion Ratio Lower Upper
43 100
58 11.9 0.0 28.8



#14
Carbon disulfide
Concen: 0.826 ug/L
RT: 2.36 min Scan# 395
Delta R.T. 0.01 min
Lab File: VV013599.D
Acq: 13 Nov 2019 10:02

Tgt Ion: 76 Resp: 60916
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6#





#15

Methyl Acetate

Concen: 0.834 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.01 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

Instrument :

MSVOA_V

ClientSampleId :

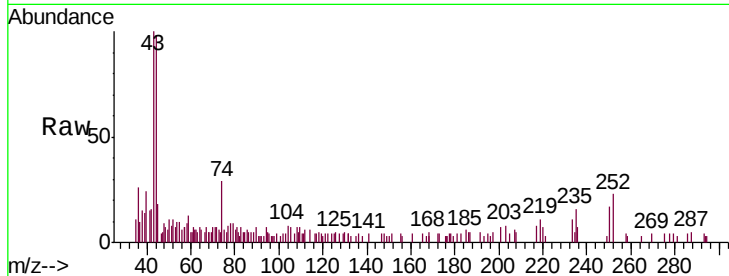
VSTD00131

Tgt Ion: 43 Resp: 8757

Ion Ratio Lower Upper

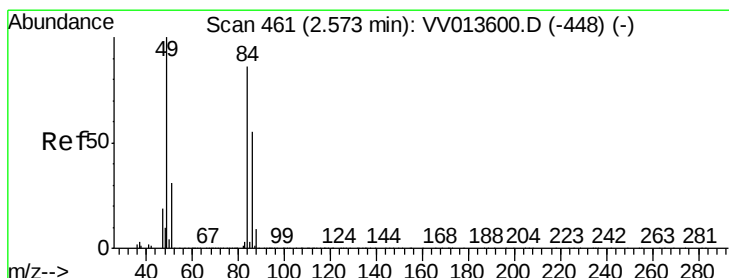
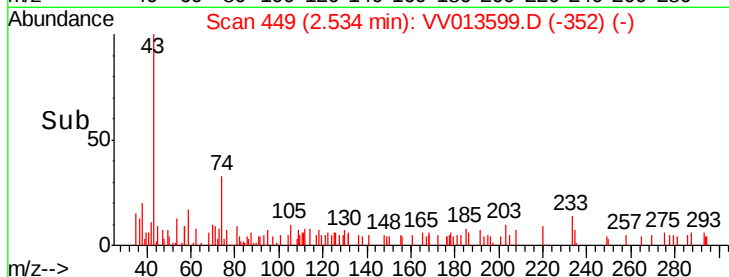
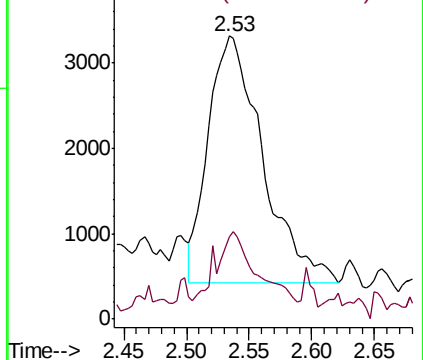
43 100

74 21.3 21.9 32.9#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 0.765 ug/L

RT: 2.59 min Scan# 465

Delta R.T. 0.01 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

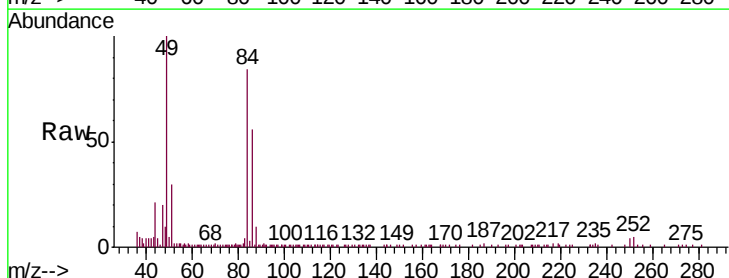
Tgt Ion: 84 Resp: 23861

Ion Ratio Lower Upper

84 100

86 66.6 45.1 83.9

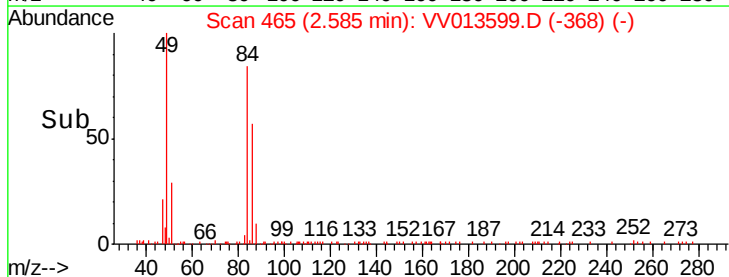
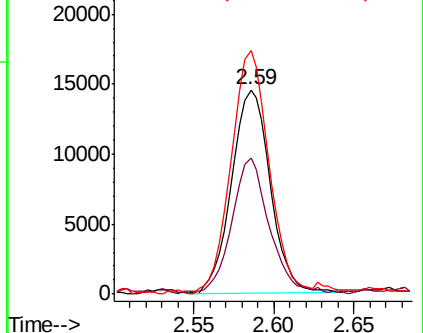
49 119.2 81.4 151.2

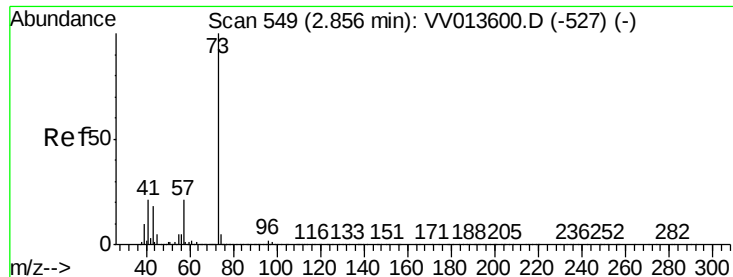


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



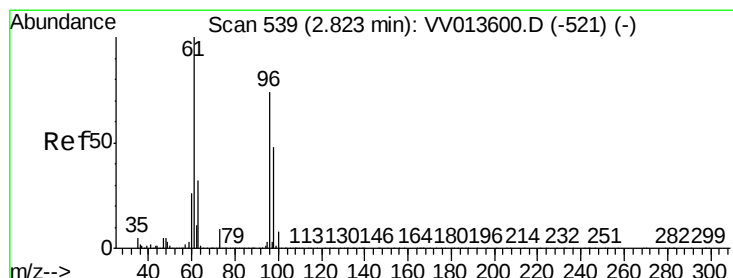
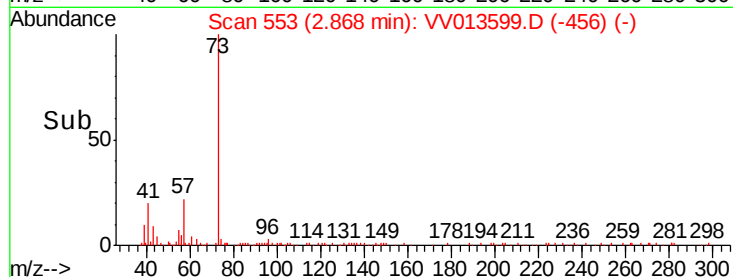
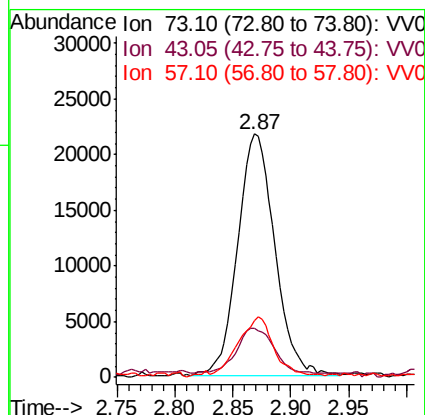
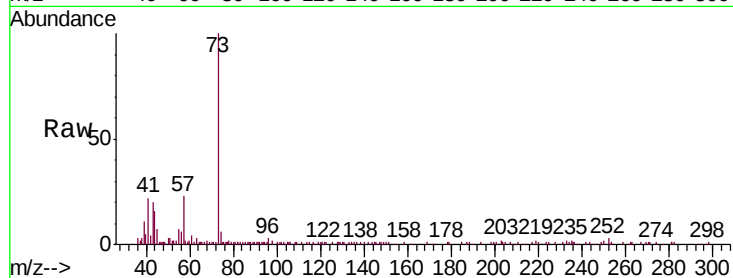


#17

Methyl tert-butyl Ether
Concen: 0.750 ug/L
RT: 2.87 min Scan# 553
Delta R.T. 0.01 min
Lab File: VV013599.D
Acq: 13 Nov 2019 10:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

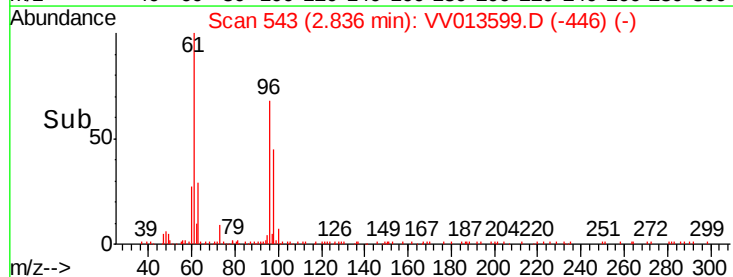
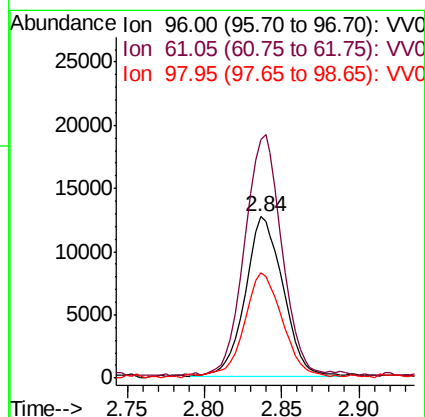
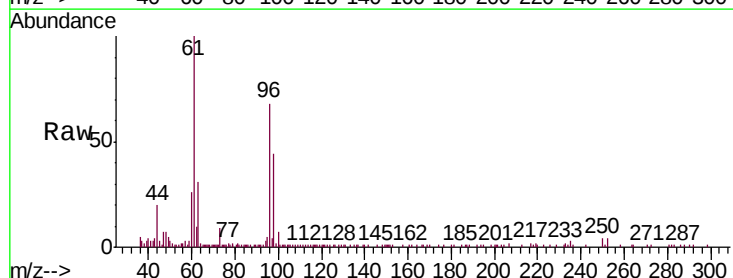
Tgt Ion:	73	Resp:	47987
Ion	Ratio	Lower	Upper
73	100		
43	18.0	14.8	22.2
57	22.5	16.3	24.5

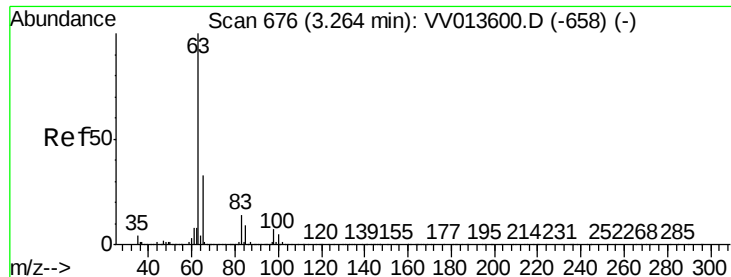


#18

trans-1,2-Dichloroethene
Concen: 0.718 ug/L
RT: 2.84 min Scan# 543
Delta R.T. 0.01 min
Lab File: VV013599.D
Acq: 13 Nov 2019 10:02

Tgt Ion:	96	Resp:	21476
Ion	Ratio	Lower	Upper
96	100		
61	148.0	95.2	176.8
98	65.6	46.1	85.7

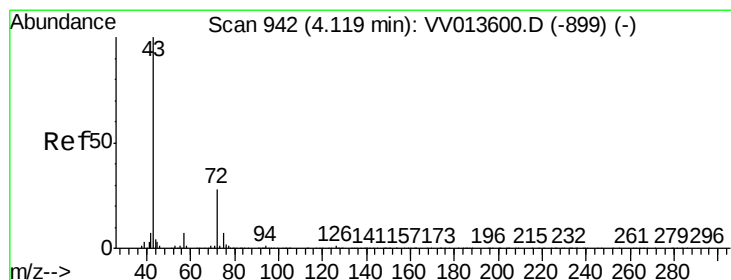
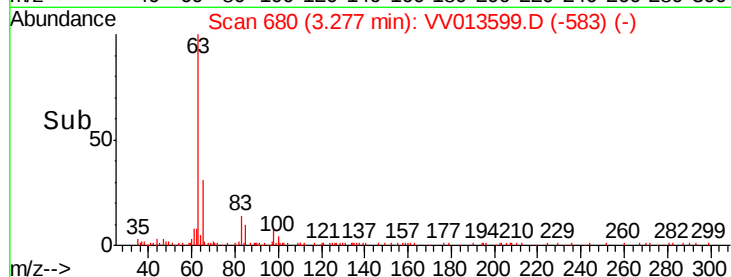
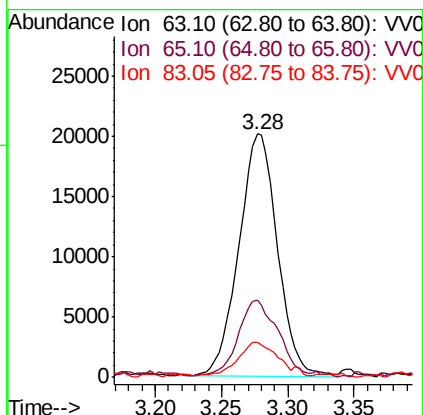
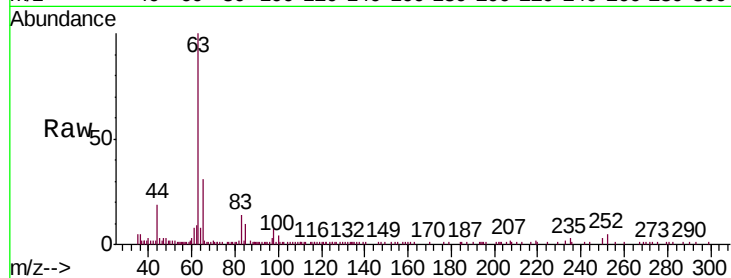




#19
 1,1-Dichloroethane
 Concen: 0.739 ug/L
 RT: 3.28 min Scan# 680
 Delta R.T. 0.01 min
 Lab File: VV013599.D
 Acq: 13 Nov 2019 10:02

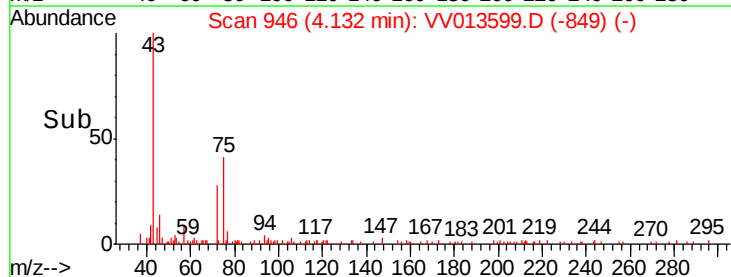
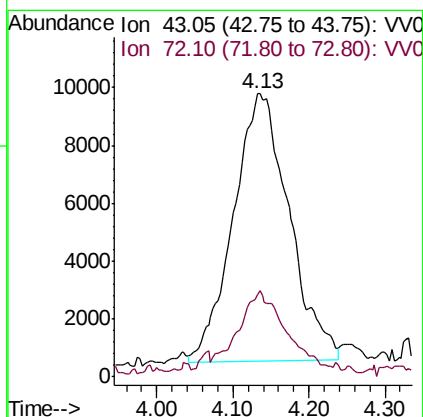
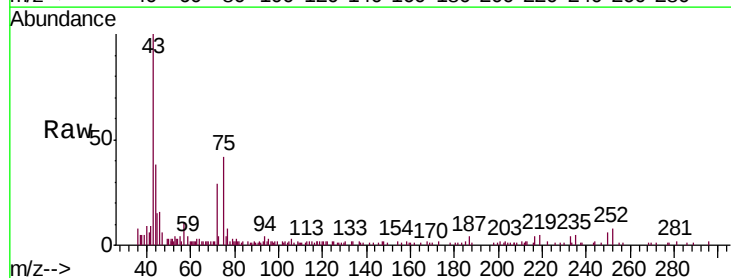
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

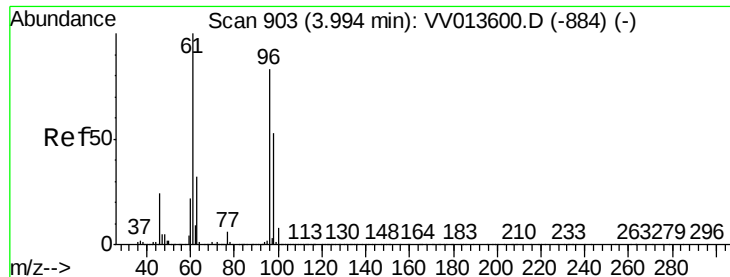
Tgt Ion: 63 Resp: 40698
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.4 43.4
 83 14.4 9.9 18.3



#21
 2-Butanone
 Concen: 7.209 ug/L
 RT: 4.13 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VV013599.D
 Acq: 13 Nov 2019 10:02

Tgt Ion: 43 Resp: 47182
 Ion Ratio Lower Upper
 43 100
 72 25.2 12.3 36.9



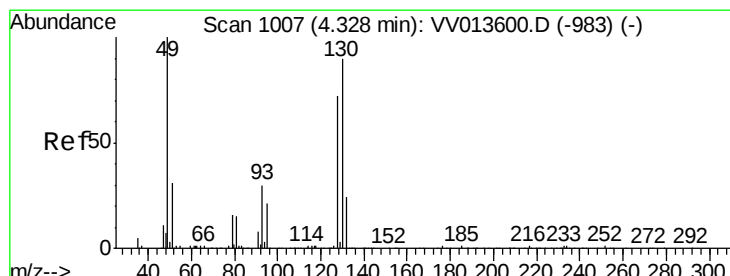
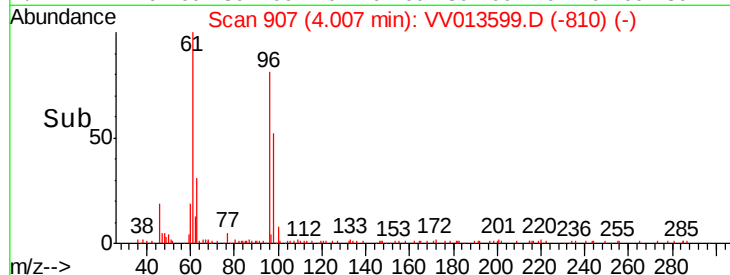
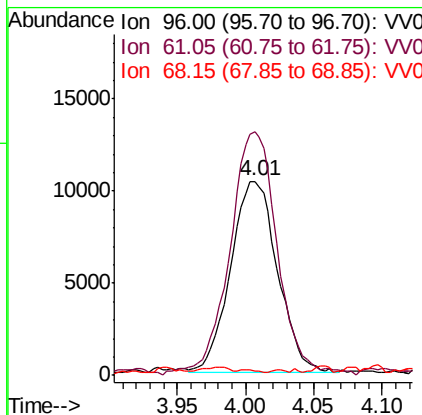
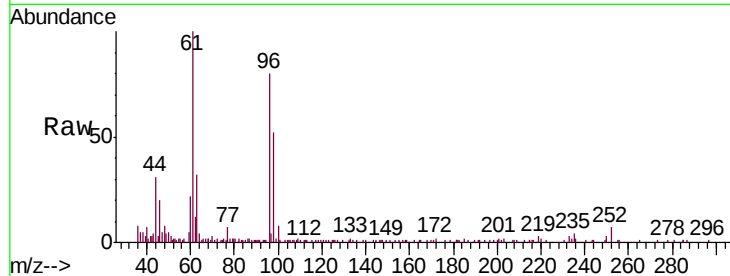


#22

cis-1,2-Dichloroethene
 Concen: 0.793 ug/L
 RT: 4.01 min Scan# 907
 Delta R.T. 0.01 min
 Lab File: VV013599.D
 Acq: 13 Nov 2019 10:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

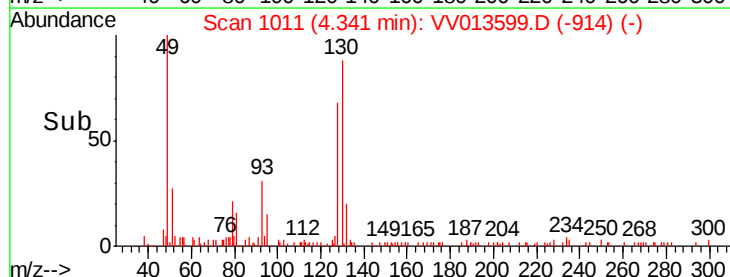
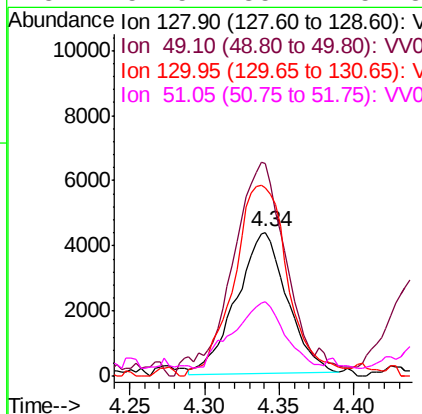
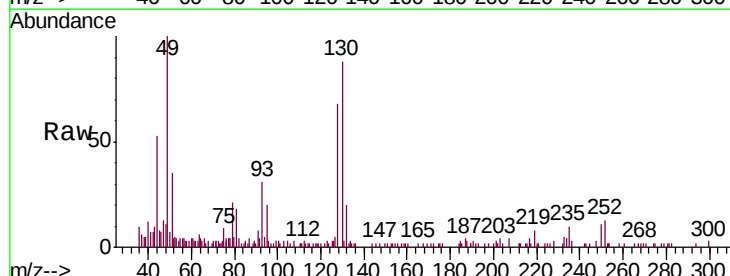
Tgt Ion: 96 Resp: 24720
 Ion Ratio Lower Upper
 96 100
 61 125.4 84.7 157.3
 68 2.3 0.3 0.7#

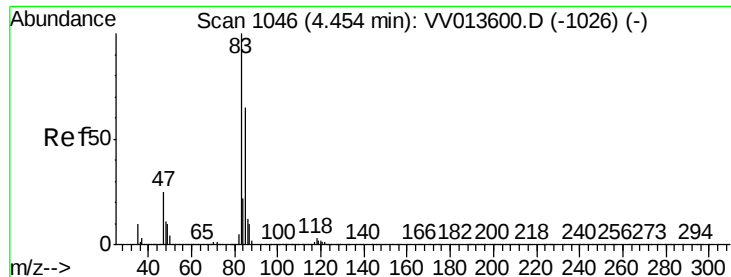


#23

Bromochloromethane
 Concen: 0.716 ug/L
 RT: 4.34 min Scan# 1011
 Delta R.T. 0.01 min
 Lab File: VV013599.D
 Acq: 13 Nov 2019 10:02

Tgt Ion: 128 Resp: 10272
 Ion Ratio Lower Upper
 128 100
 49 147.5 98.4 182.8
 130 130.3 88.4 164.2
 51 51.5 35.2 52.8





#25

Chloroform

Concen: 0.956 ug/L

RT: 4.47 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

Instrument :

MSVOA_V

ClientSampleId :

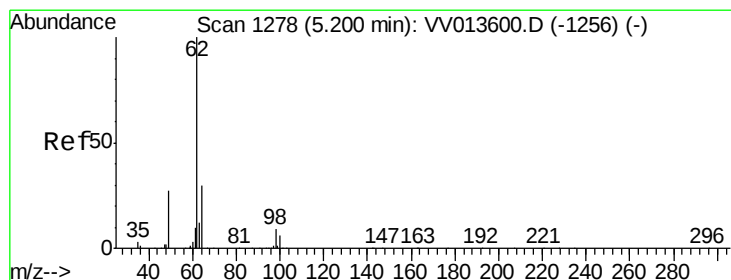
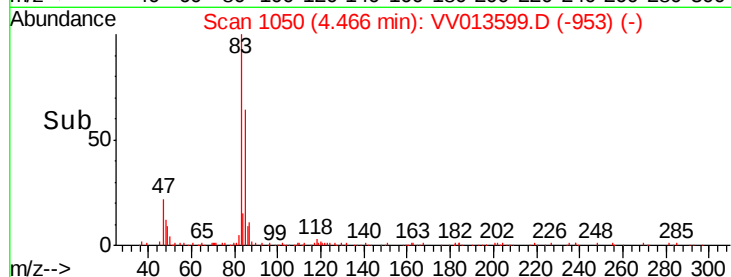
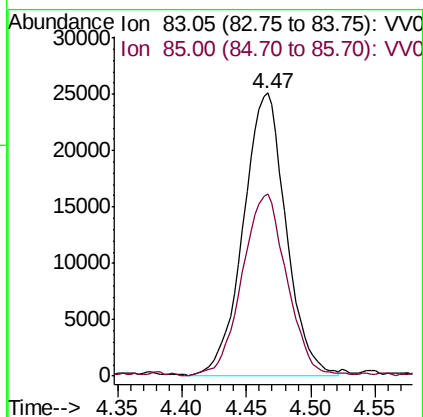
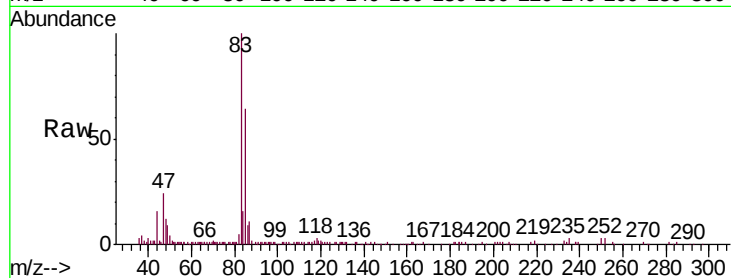
VSTD00131

Tgt Ion: 83 Resp: 58292

Ion Ratio Lower Upper

83 100

85 64.3 45.5 84.5



#27

1,2-Dichloroethane

Concen: 0.837 ug/L

RT: 5.22 min Scan# 1283

Delta R.T. 0.02 min

Lab File: VV013599.D

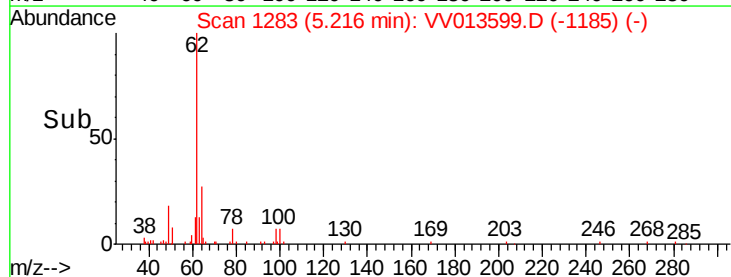
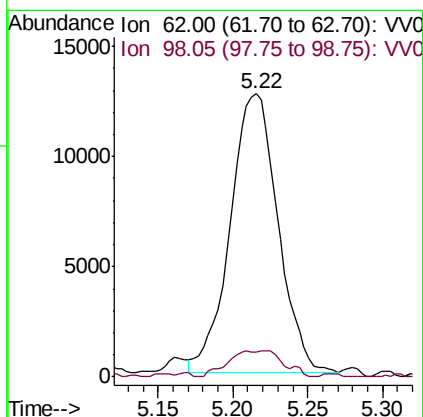
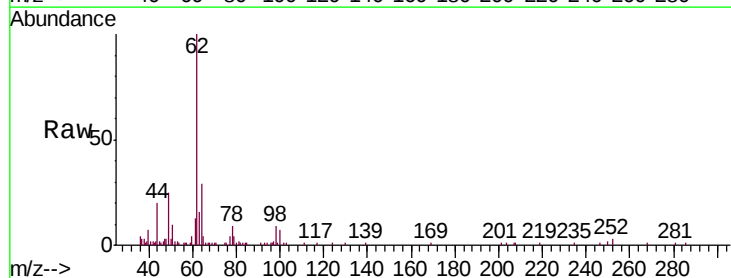
Acq: 13 Nov 2019 10:02

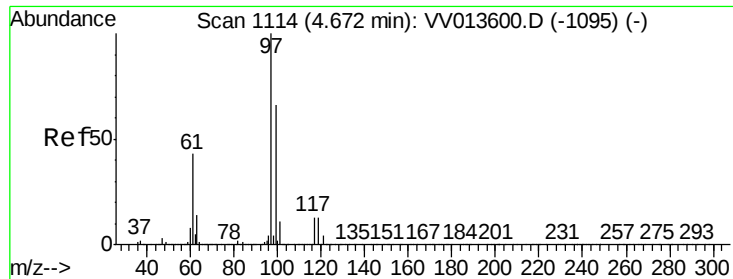
Tgt Ion: 62 Resp: 28163

Ion Ratio Lower Upper

62 100

98 8.7 7.4 11.2

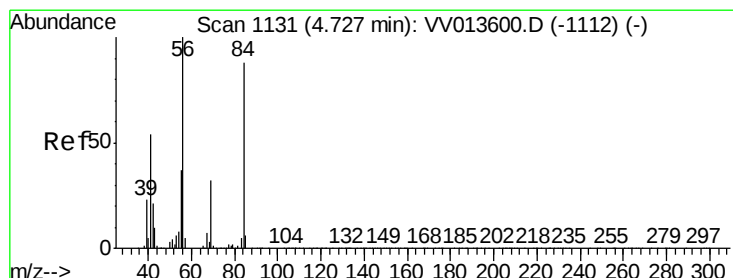
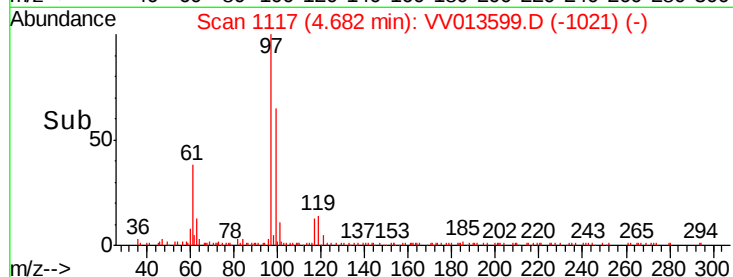
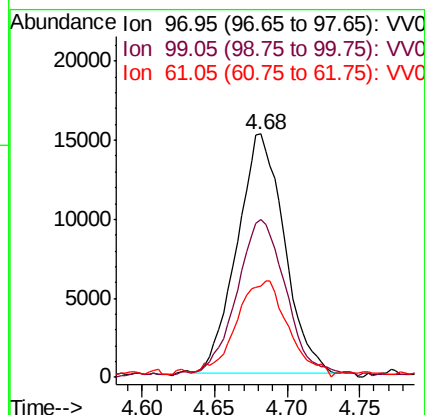
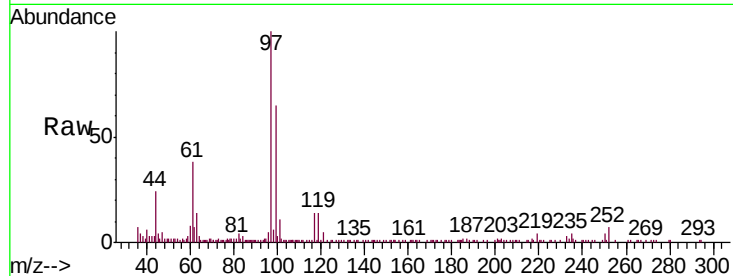




#29
 1,1,1-Trichloroethane
 Concen: 0.755 ug/L
 RT: 4.68 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: VV013599.D
 Acq: 13 Nov 2019 10:02

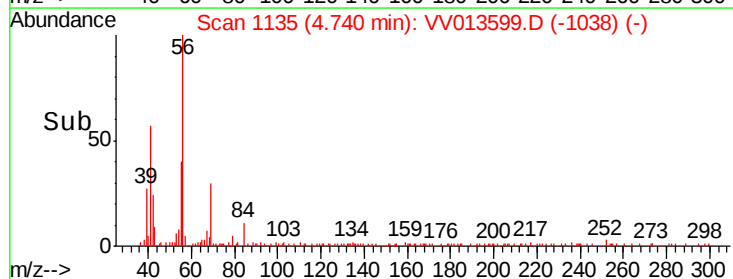
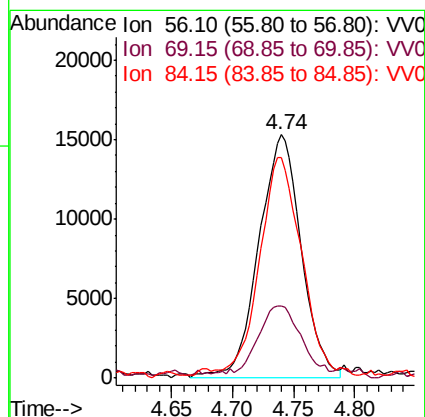
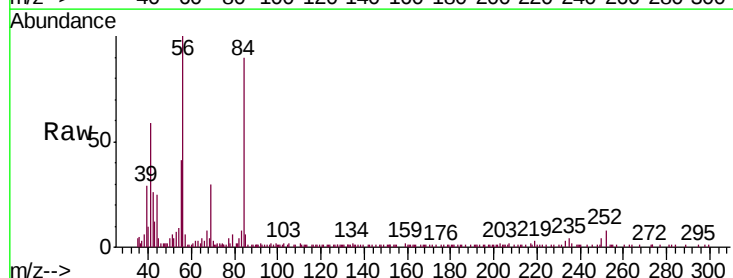
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

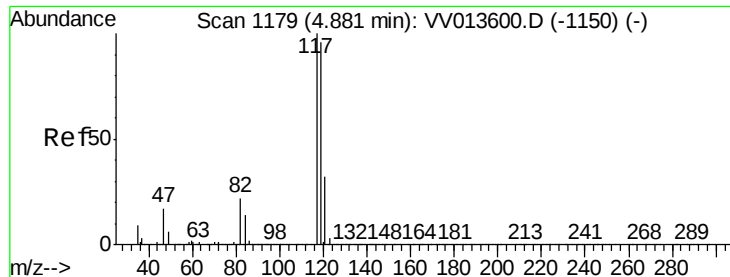
Tgt Ion: 97 Resp: 34176
 Ion Ratio Lower Upper
 97 100
 99 67.8 52.6 78.8
 61 45.5 34.1 51.1



#30
 Cyclohexane
 Concen: 0.819 ug/L
 RT: 4.74 min Scan# 1135
 Delta R.T. 0.01 min
 Lab File: VV013599.D
 Acq: 13 Nov 2019 10:02

Tgt Ion: 56 Resp: 37008
 Ion Ratio Lower Upper
 56 100
 69 27.9 25.0 37.4
 84 82.4 75.5 113.3





#31

Carbon tetrachloride

Concen: 0.791 ug/L

RT: 4.89 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

Instrument :

MSVOA_V

ClientSampleId :

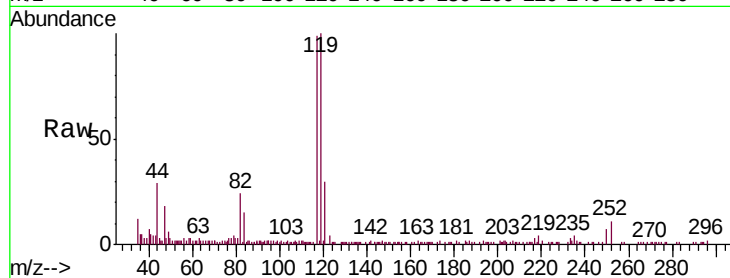
VSTD00131

Tgt Ion:117 Resp: 32192

Ion Ratio Lower Upper

117 100

119 94.7 76.9 115.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

4.89

15000

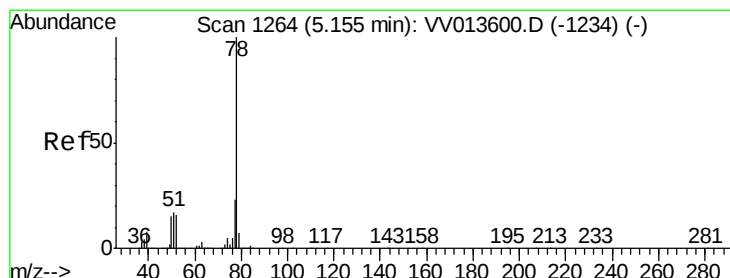
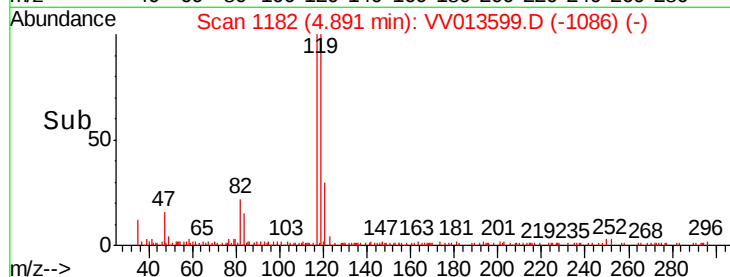
10000

5000

0

4.80 4.85 4.90 4.95

Time-->



#33

Benzene

Concen: 0.893 ug/L

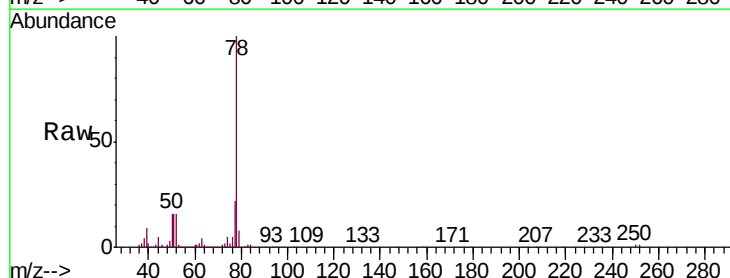
RT: 5.17 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

Tgt Ion: 78 Resp: 104461



Abundance Ion 78.10 (77.80 to 78.80): VV0

5.17

50000

40000

30000

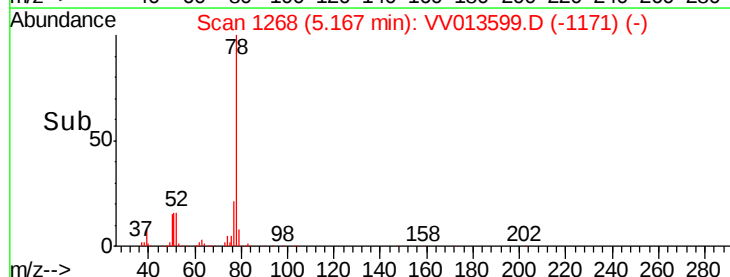
20000

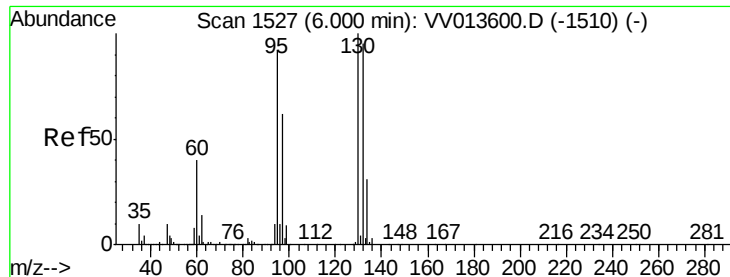
10000

0

5.05 5.10 5.15 5.20 5.25

Time-->





#34

Trichloroethene

Concen: 0.815 ug/L

RT: 6.01 min Scan# 1529

Delta R.T. 0.01 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD00131

Tgt Ion: 95 Resp: 25527

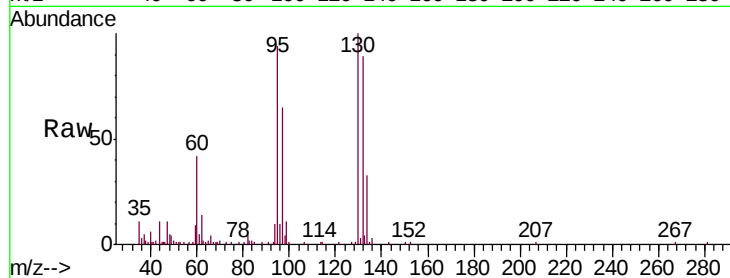
Ion Ratio Lower Upper

95 100

97 69.0 47.0 87.4

132 94.7 72.2 134.0

130 106.8 75.7 140.7

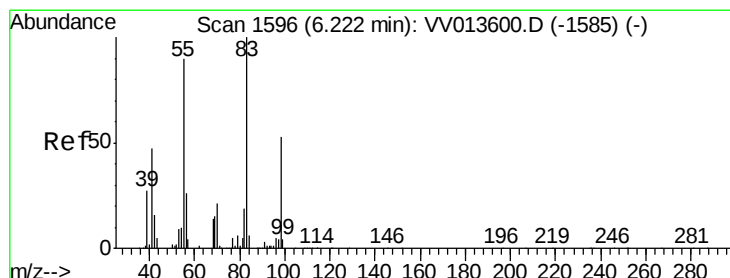
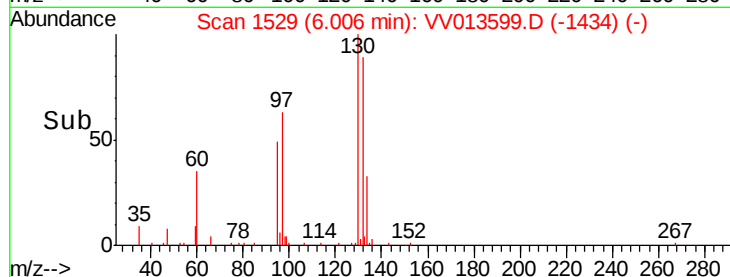
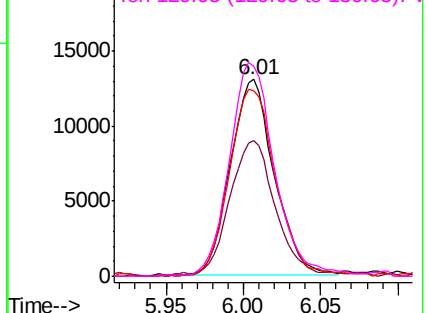


Abundance Ion 95.00 (94.70 to 95.70): VV013600.D (-1510) (-)

Ion 96.95 (96.65 to 97.65): VV013600.D (-1510) (-)

Ion 131.95 (131.65 to 132.65): VV013600.D (-1510) (-)

Ion 129.95 (129.65 to 130.65): VV013600.D (-1510) (-)



#35

Methylcyclohexane

Concen: 0.707 ug/L

RT: 6.23 min Scan# 1598

Delta R.T. 0.01 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

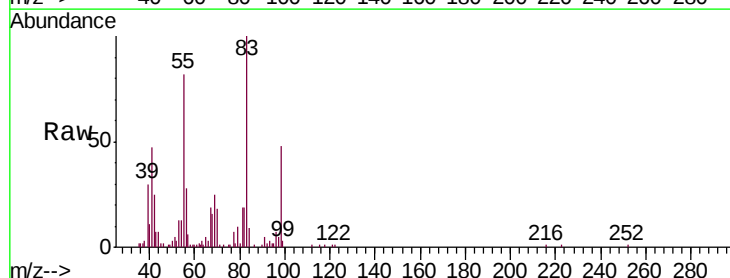
Tgt Ion: 83 Resp: 33286

Ion Ratio Lower Upper

83 100

55 89.6 67.0 100.4

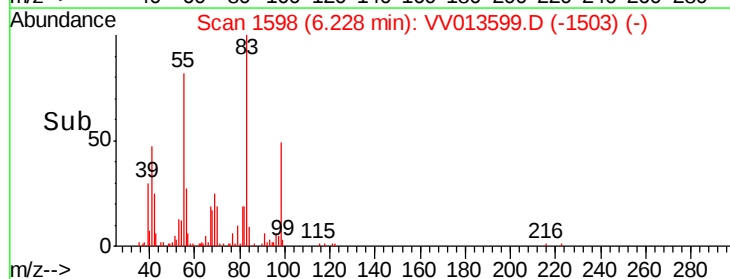
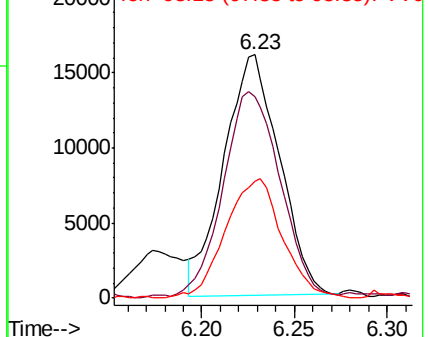
98 50.8 38.5 57.7

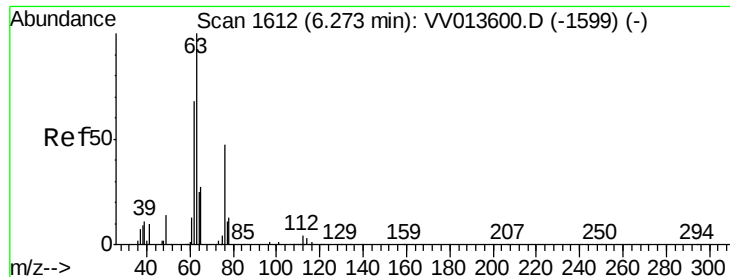


Abundance Ion 83.15 (82.85 to 83.85): VV013600.D (-1585) (-)

Ion 55.10 (54.80 to 55.80): VV013600.D (-1585) (-)

Ion 98.15 (97.85 to 98.85): VV013600.D (-1585) (-)





#37

1,2-Dichloropropane

Concen: 0.840 ug/L

RT: 6.28 min Scan# 1615

Delta R.T. 0.01 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

Instrument :

MSVOA_V

ClientSampled :

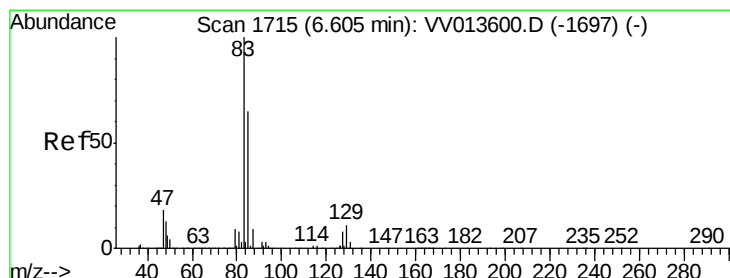
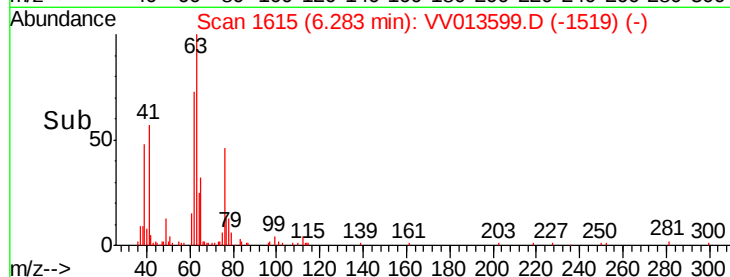
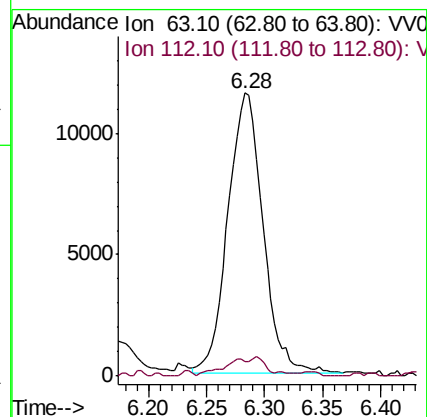
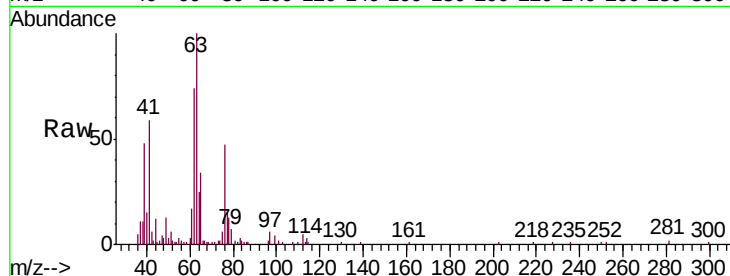
VSTD00131

Tgt Ion: 63 Resp: 24071

Ion Ratio Lower Upper

63 100

112 4.1 0.2 0.2#



#38

Bromodichloromethane

Concen: 0.923 ug/L

RT: 6.61 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

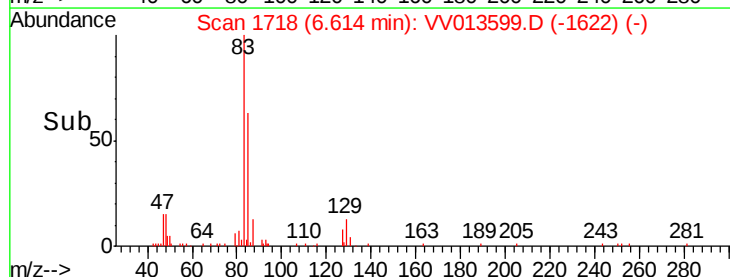
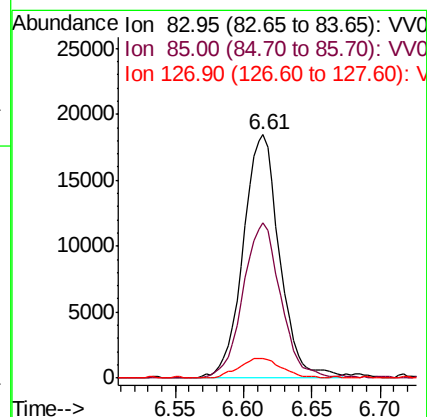
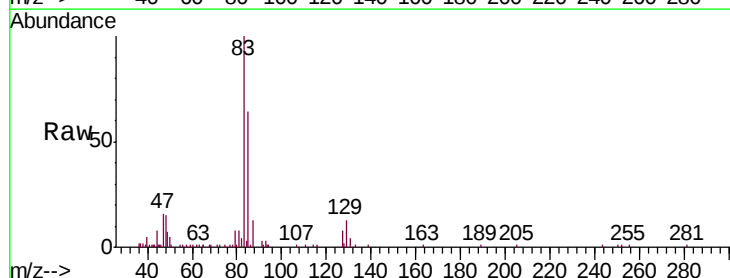
Tgt Ion: 83 Resp: 34223

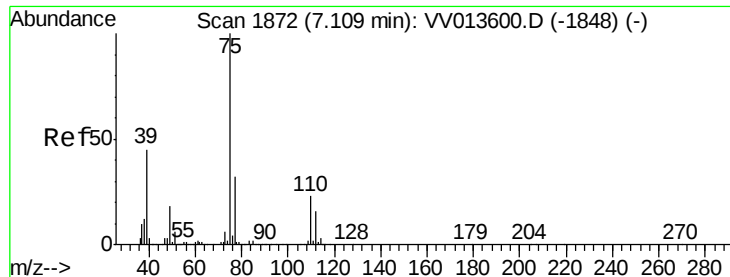
Ion Ratio Lower Upper

83 100

85 63.5 45.5 84.5

127 8.1 6.8 10.2



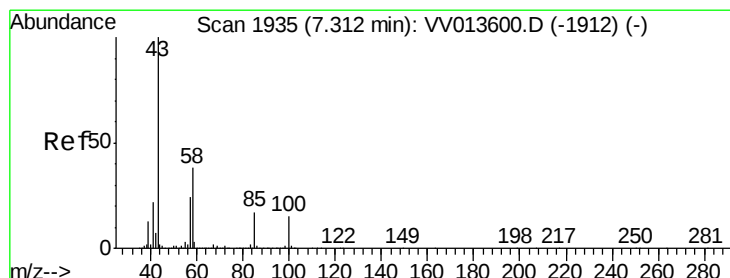
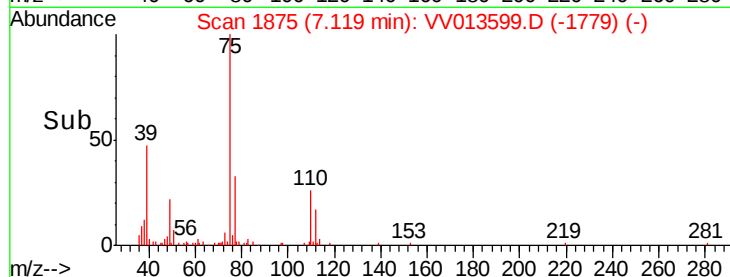
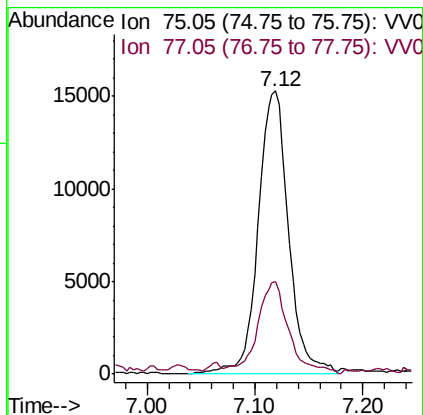
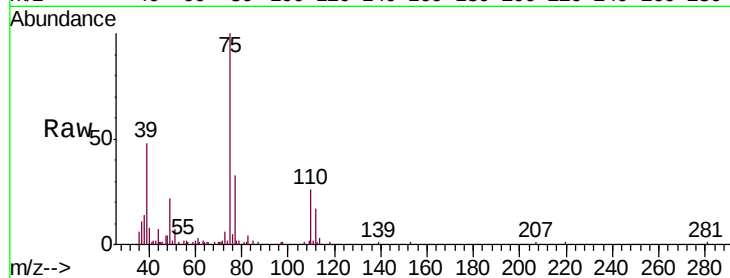


#39

cis-1,3-Dichloropropene
 Concen: 0.758 ug/L
 RT: 7.12 min Scan# 1875
 Delta R.T. 0.01 min
 Lab File: VV013599.D
 Acq: 13 Nov 2019 10:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

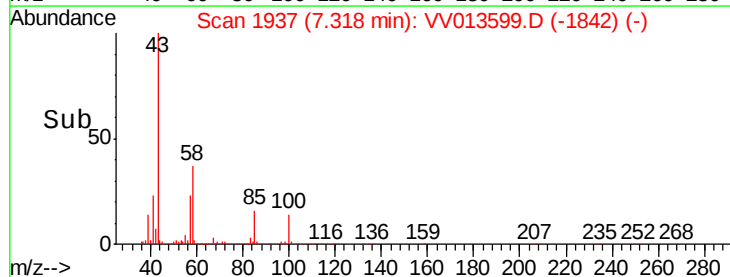
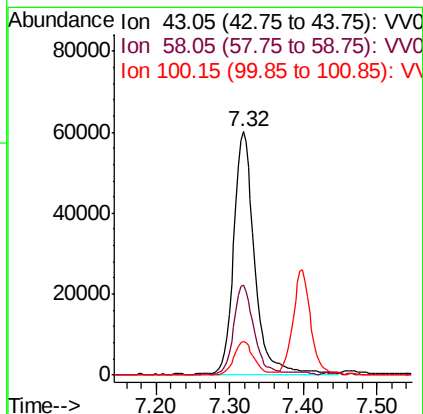
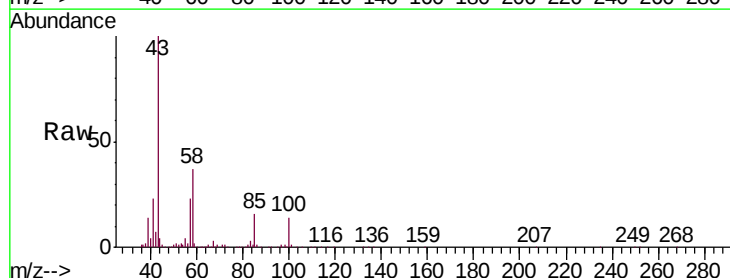
Tgt Ion: 75 Resp: 29986
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.3 41.3

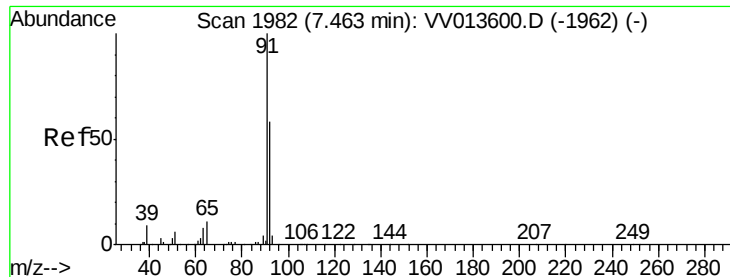


#40

4-Methyl-2-pentanone
 Concen: 7.261 ug/L
 RT: 7.32 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VV013599.D
 Acq: 13 Nov 2019 10:02

Tgt Ion: 43 Resp: 117875
 Ion Ratio Lower Upper
 43 100
 58 35.6 30.6 45.8
 100 13.4 12.0 18.0





#42

Toluene

Concen: 0.768 ug/L

RT: 7.47 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VV013599.D

Acq: 13 Nov 2019 10:02

Instrument :

MSVOA_V

ClientSampleId :

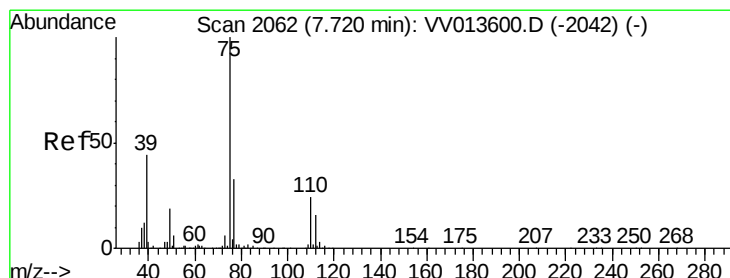
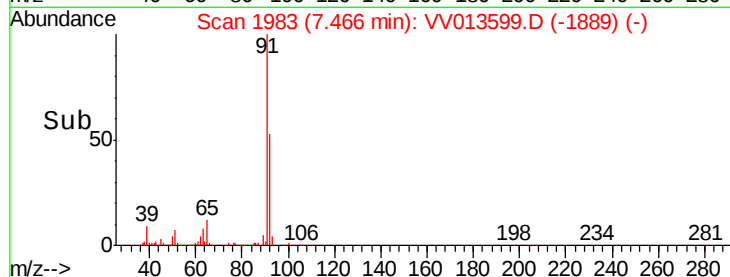
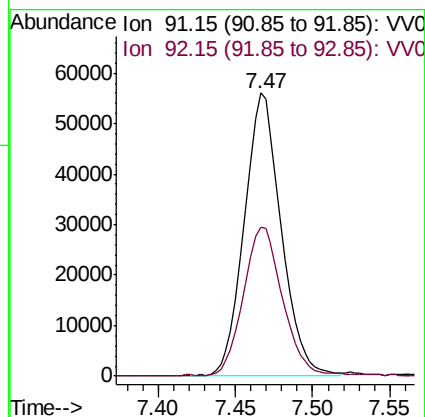
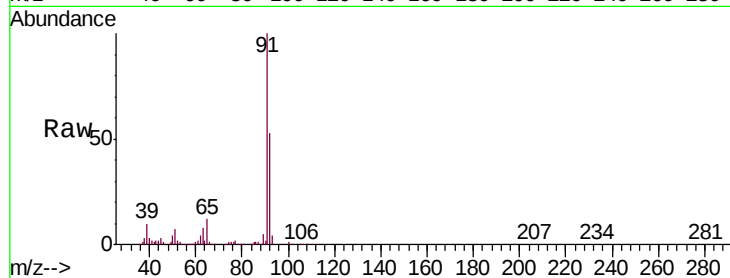
VSTD00131

Tgt Ion: 91 Resp: 93323

Ion Ratio Lower Upper

91 100

92 52.7 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 0.776 ug/L

RT: 7.73 min Scan# 2064

Delta R.T. 0.01 min

Lab File: VV013599.D

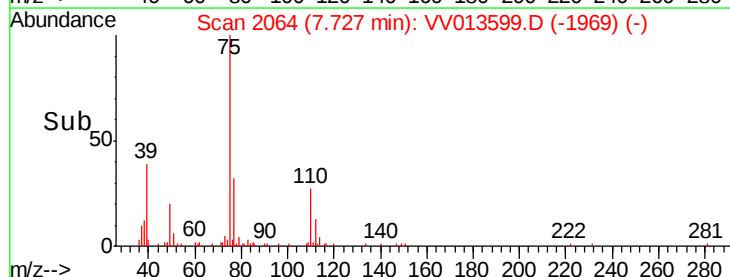
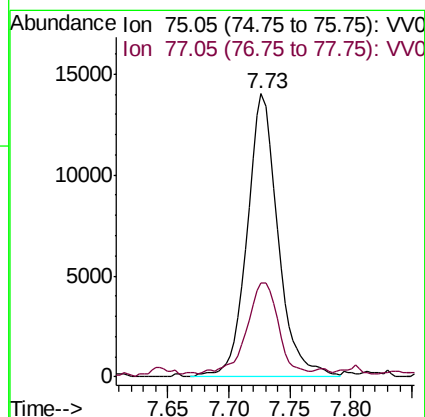
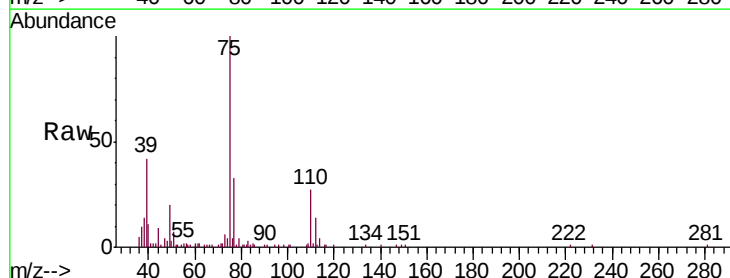
Acq: 13 Nov 2019 10:02

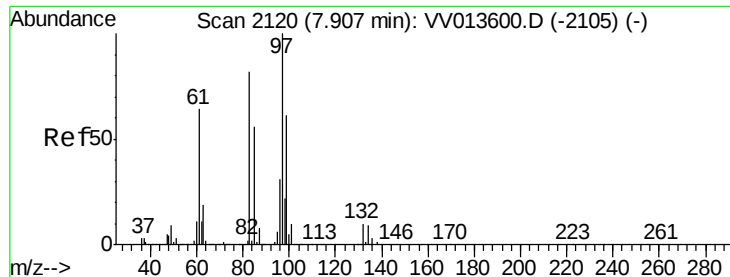
Tgt Ion: 75 Resp: 24366

Ion Ratio Lower Upper

75 100

77 33.3 23.2 43.0

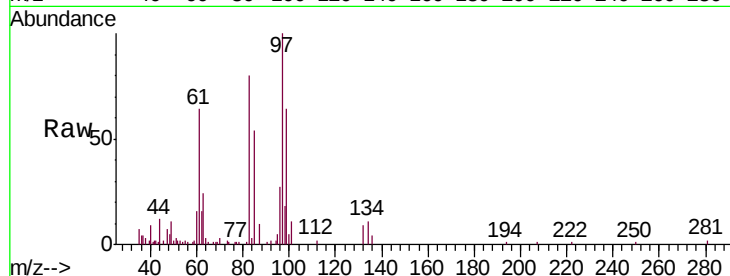




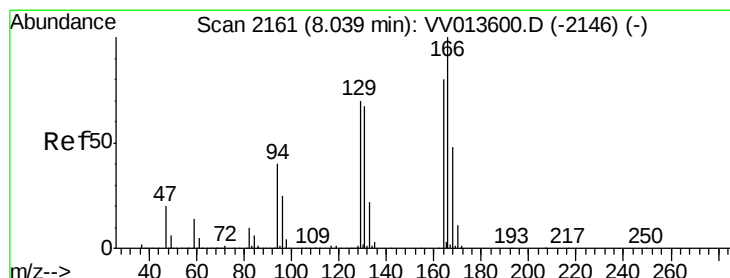
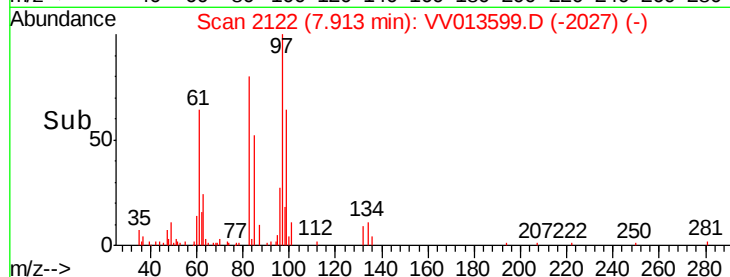
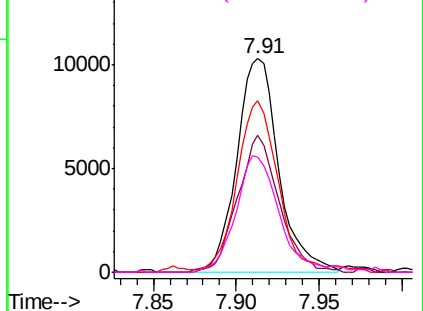
#45
 1,1,2-Trichloroethane
 Concen: 0.917 ug/L
 RT: 7.91 min Scan# 2122
 Delta R.T. 0.01 min
 Lab File: VV013599.D
 Acq: 13 Nov 2019 10:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00131

Tgt Ion:	97	Resp:	18106
Ion	Ratio	Lower	Upper
97	100		
99	63.9	42.5	78.9
83	80.0	57.2	106.2
85	54.2	39.1	72.7

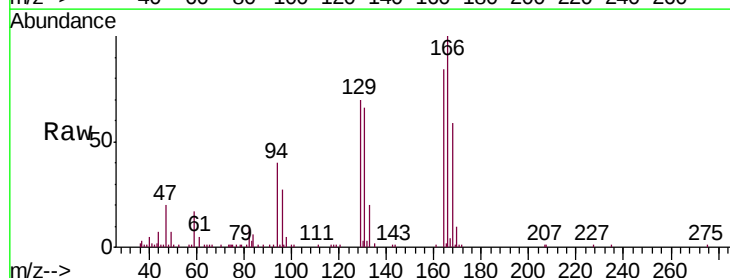


Abundance Ion 96.95 (96.65 to 97.65): VV013600.D (-2105) (-)
 Ion 99.05 (98.75 to 99.75): VV013600.D (-2105) (-)
 Ion 82.95 (82.65 to 83.65): VV013600.D (-2105) (-)
 Ion 85.00 (84.70 to 85.70): VV013600.D (-2105) (-)

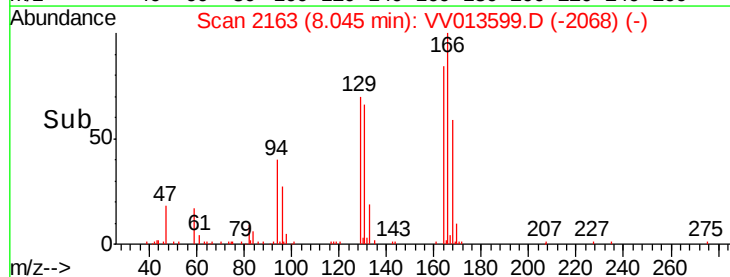
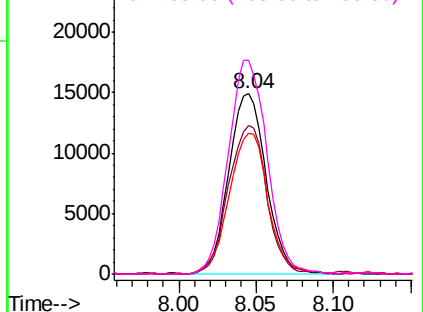


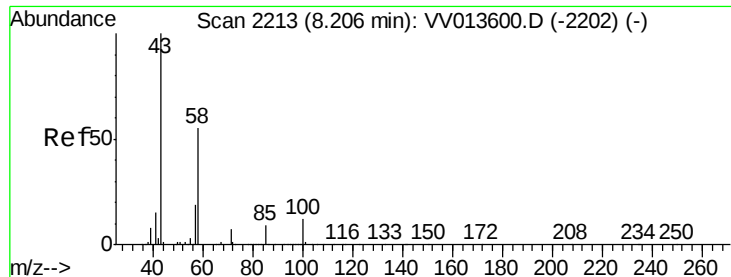
#47
 Tetrachloroethene
 Concen: 0.912 ug/L
 RT: 8.04 min Scan# 2163
 Delta R.T. 0.01 min
 Lab File: VV013599.D
 Acq: 13 Nov 2019 10:02

Tgt Ion:	164	Resp:	25109
Ion	Ratio	Lower	Upper
164	100		
129	82.6	61.6	114.4
131	78.4	59.0	109.6
166	118.5	87.9	163.3



Abundance Ion 163.90 (163.60 to 164.60): VV013600.D (-2146) (-)
 Ion 128.95 (128.65 to 129.65): VV013600.D (-2146) (-)
 Ion 130.95 (130.65 to 131.65): VV013600.D (-2146) (-)
 Ion 165.90 (165.60 to 166.60): VV013600.D (-2146) (-)

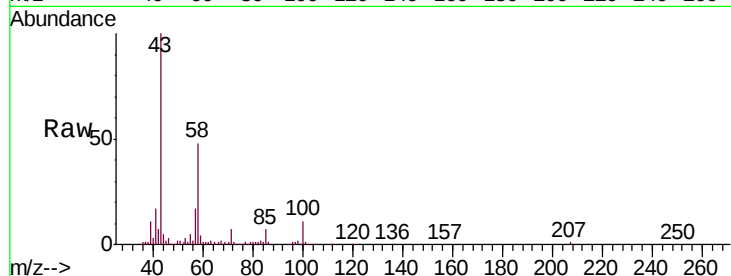




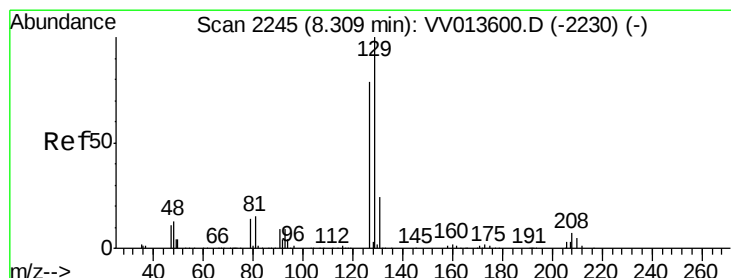
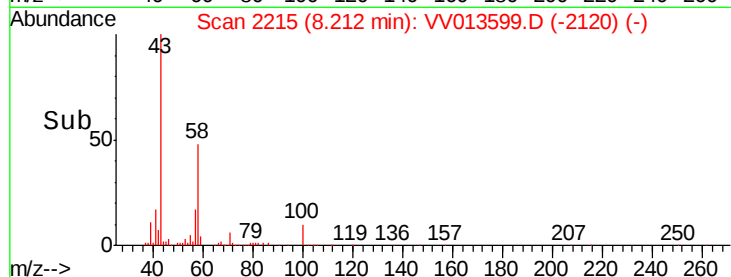
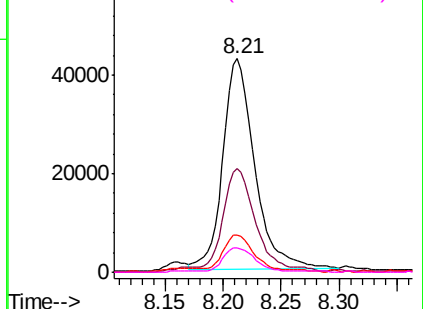
#48
2-Hexanone
Concen: 6.997 ug/L
RT: 8.21 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VV013599.D
Acq: 13 Nov 2019 10:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD00131

Tgt Ion:	43	Resp:	81413
Ion	Ratio	Lower	Upper
43	100		
58	49.4	45.1	67.7
57	18.4	14.6	21.8
100	10.5	10.2	15.2

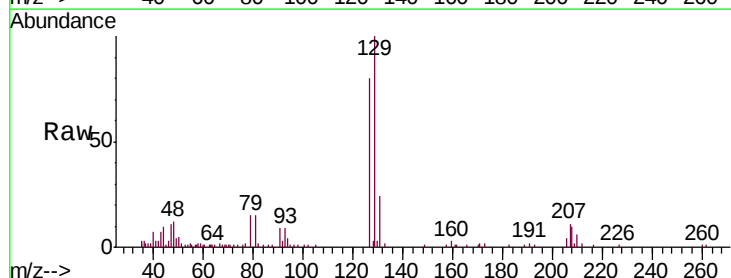


Abundance Ion 43.05 (42.75 to 43.75): VV013600.D (-2202) (-)
Ion 58.05 (57.75 to 58.75): VV013600.D (-2202) (-)
Ion 57.20 (56.90 to 57.90): VV013600.D (-2202) (-)
Ion 100.15 (99.85 to 100.85): VV013600.D (-2202) (-)



#49
Dibromochloromethane
Concen: 0.879 ug/L
RT: 8.32 min Scan# 2247
Delta R.T. 0.01 min
Lab File: VV013599.D
Acq: 13 Nov 2019 10:02

Tgt Ion:	129	Resp:	21671
Ion	Ratio	Lower	Upper
129	100		
127	79.8	55.5	103.1



Abundance Ion 128.95 (128.65 to 129.65): VV013600.D (-2230) (-)
Ion 126.90 (126.60 to 127.60): VV013600.D (-2230) (-)

