

Data File : VV013583.D
Acq On : 12 Nov 2019 09:02
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

Quant Time: Nov 13 04:13:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 12 07:44:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	424024	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	420635	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	235062	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77648	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.58	69	78706	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.13	63	166740	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	3.95	46	268312	41.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.76%
24) Chloroform-d	4.40	84	205980	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	113203	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.09	84	368223	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.11	67	118034	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.36	98	321377	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	42902	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.13	63	182347	41.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.40%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	105589	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	158331	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	223910	5.397 ug/L	99
3) Chloromethane	1.25	50	206247	5.562 ug/L	99
5) Vinyl chloride	1.32	62	192224	5.385 ug/L	95
6) Bromomethane	1.54	94	106532	5.668 ug/L	99
8) Chloroethane	1.60	64	112392	5.703 ug/L	98
9) Trichlorofluoromethane	1.77	101	263985	5.495 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	147438	5.475 ug/L	98
12) 1,1-Dichloroethene	2.14	96	138090	5.415 ug/L	93
13) Acetone	2.21	43	185647	47.765 ug/L	99
14) Carbon disulfide	2.32	76	468593	6.114 ug/L	99
15) Methyl Acetate	2.47	43	54222	4.666 ug/L	96
16) Methylene chloride	2.53	84	169527	5.075 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	331938	4.927 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	169991	5.372 ug/L	100
19) 1,1-Dichloroethane	3.23	63	310398	5.257 ug/L	98
21) 2-Butanone	4.03	43	334701	47.080 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	174913	5.360 ug/L #	95

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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	78186	5.174	ug/L	98
25) Chloroform	4.42	83	370844	5.760	ug/L	97
27) 1,2-Dichloroethane	5.18	62	182487	5.249	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	275505	5.283	ug/L	99
30) Cyclohexane	4.72	56	262570	5.003	ug/L	99
31) Carbon tetrachloride	4.87	117	247637	5.295	ug/L	99
33) Benzene	5.14	78	674606	5.161	ug/L	100
34) Trichloroethene	5.96	95	174019	4.938	ug/L	98
35) Methylcyclohexane	6.17	83	239153	4.464	ug/L	95
37) 1,2-Dichloropropane	6.22	63	157377	4.896	ug/L	99
38) Bromodichloromethane	6.55	83	208161	5.016	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	205883	4.610	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	850959	46.022	ug/L	99
42) Toluene	7.43	91	725602	5.338	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	155996	4.443	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	107833	4.881	ug/L	96
47) Tetrachloroethene	8.01	164	163841	5.318	ug/L	99
48) 2-Hexanone	8.18	43	612337	46.774	ug/L	99
49) Dibromochloromethane	8.29	129	140540	5.100	ug/L	99
50) 1,2-Dibromoethane	8.39	107	97040	4.704	ug/L	96
51) Chlorobenzene	8.92	112	450853	5.028	ug/L	99
52) Ethylbenzene	9.05	91	747834	5.135	ug/L	99
53) m,p-xylene	9.18	106	293893	5.411	ug/L	99
54) o-xylene	9.58	106	276082	5.291	ug/L	98
55) Styrene	9.60	104	485542	5.488	ug/L	98
56) Isopropylbenzene	9.97	105	742611	5.272	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	118989	5.045	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	89775	4.704	ug/L	97
61) Bromoform	9.77	173	76943	4.618	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	394676	5.005	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	386154	4.902	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	351914	4.878	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	18366	4.999	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	322929	5.249	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	248596	5.071	ug/L	100
69) Naphthalene	13.55	128	309407	4.673	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	234702	5.101	ug/L	100

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

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Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

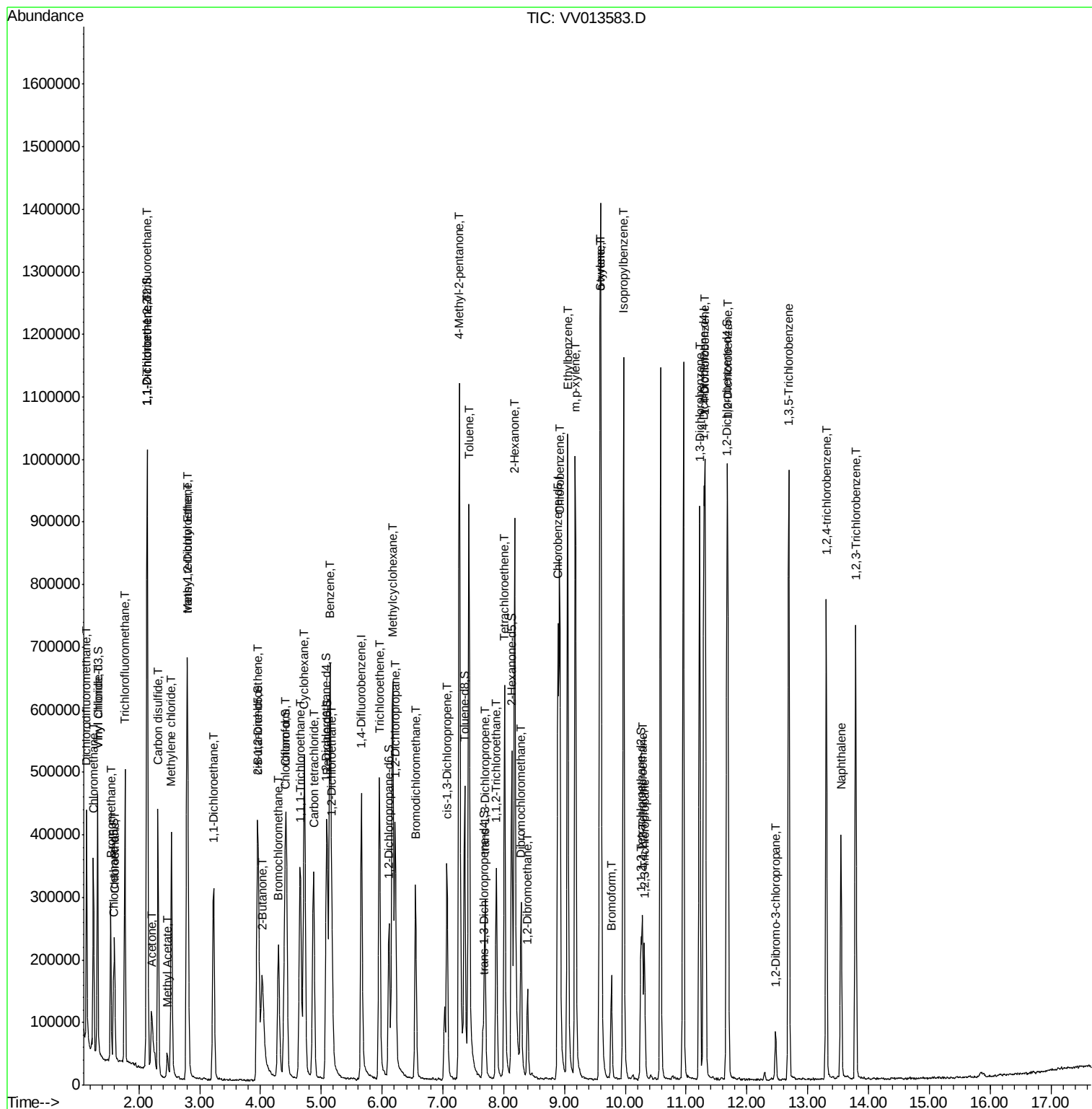
Quant Time: Nov 13 04:13:58 2019

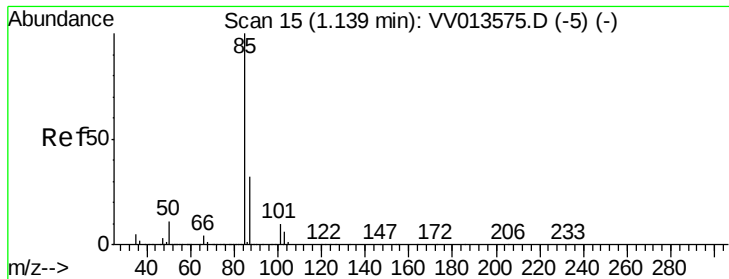
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\SOMVTR110819WMA.M

Quant Title : TRACE VOA SOM01.0

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#2

Dichlorodifluoromethane

Concen: 5.397 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Instrument :

MSVOA_V

ClientSampleId :

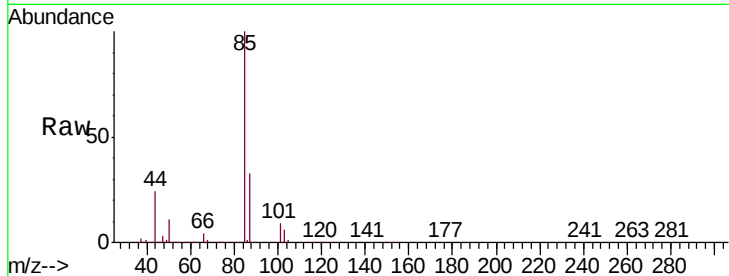
VSTD00555

Tgt Ion: 85 Resp: 223910

Ion Ratio Lower Upper

85 100

87 32.9 26.0 39.0



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

250000

200000

150000

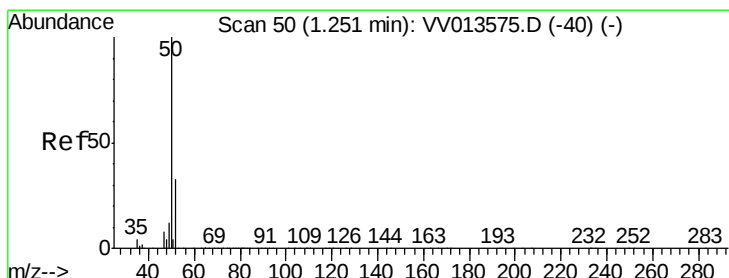
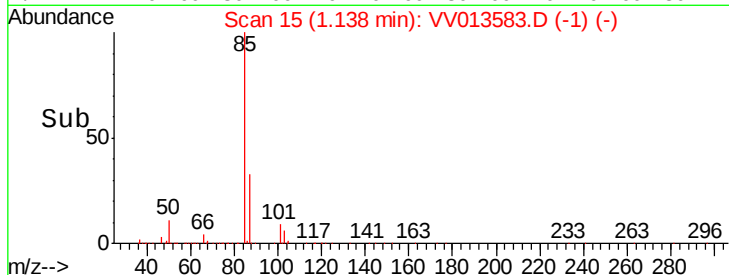
100000

50000

0

1.10 1.15 1.20 1.25

Time-->



#3

Chloromethane

Concen: 5.562 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013583.D

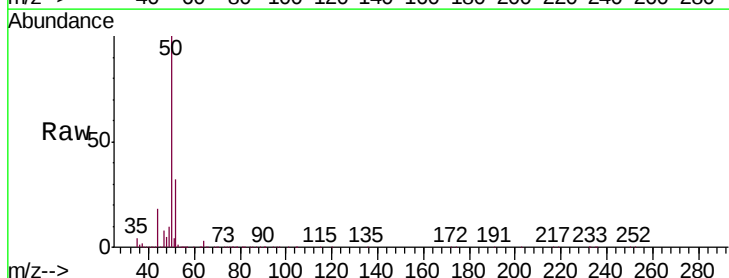
Acq: 12 Nov 2019 09:02

Tgt Ion: 50 Resp: 206247

Ion Ratio Lower Upper

50 100

52 32.4 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

200000

150000

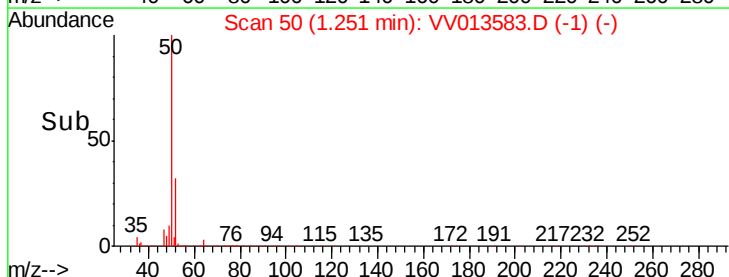
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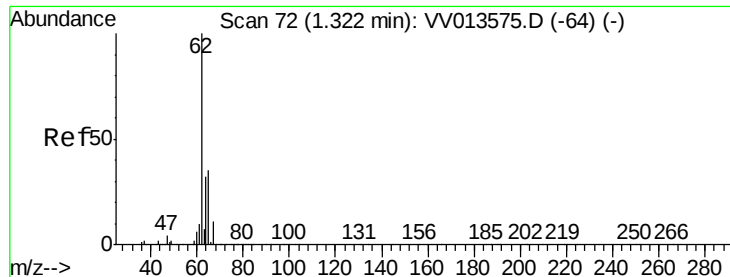
50000

0

1.20 1.25 1.30

Time-->





#5

Vinyl chloride

Concen: 5.385 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Instrument :

MSVOA_V

ClientSampleId :

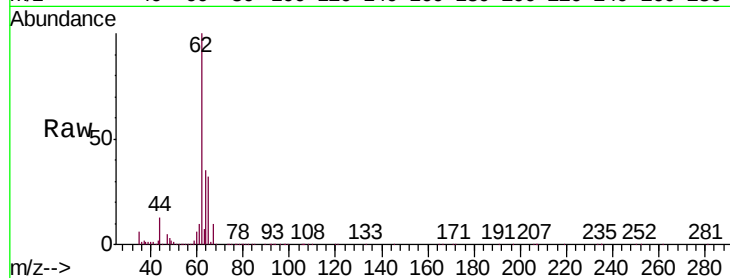
VSTD00555

Tgt Ion: 62 Resp: 192224

Ion Ratio Lower Upper

62 100

64 34.8 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

200000

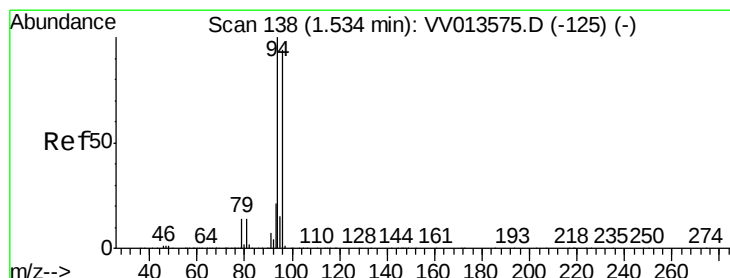
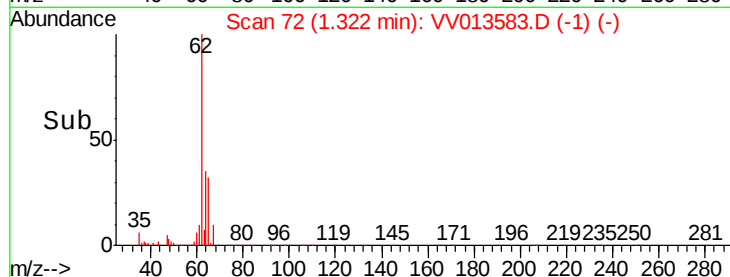
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 5.668 ug/L

RT: 1.54 min Scan# 139

Delta R.T. 0.00 min

Lab File: VV013583.D

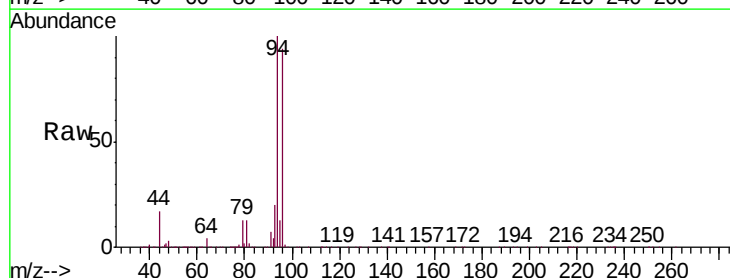
Acq: 12 Nov 2019 09:02

Tgt Ion: 94 Resp: 106532

Ion Ratio Lower Upper

94 100

96 93.6 66.4 123.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.54

100000

80000

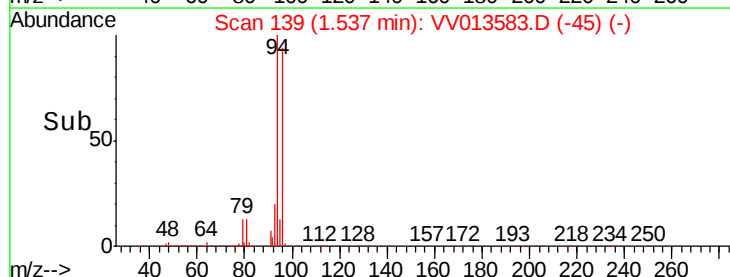
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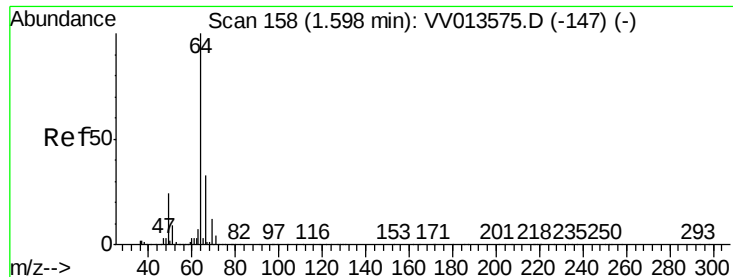
40000

20000

0

Time-->





#8

Chloroethane

Concen: 5.703 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Instrument :

MSVOA_V

ClientSampleId :

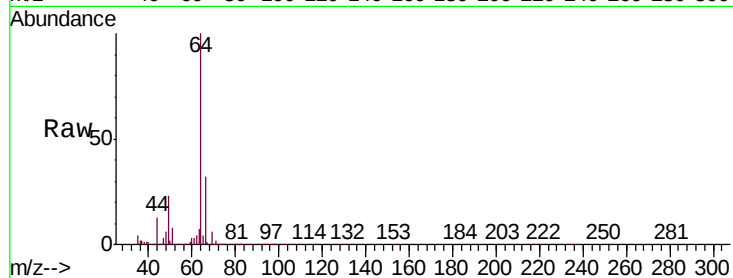
VSTD00555

Tgt Ion: 64 Resp: 112392

Ion Ratio Lower Upper

64 100

66 31.5 21.1 39.3



Abundance Ion 64.10 (63.80 to 64.80): VV013575.D (-147) (-)

Ion 66.05 (65.75 to 66.75): VV013583.D (-65) (-)

1.60

100000

80000

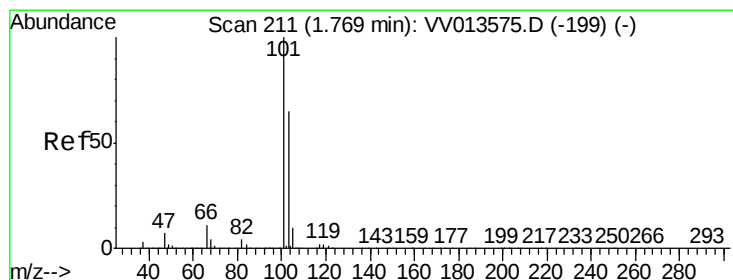
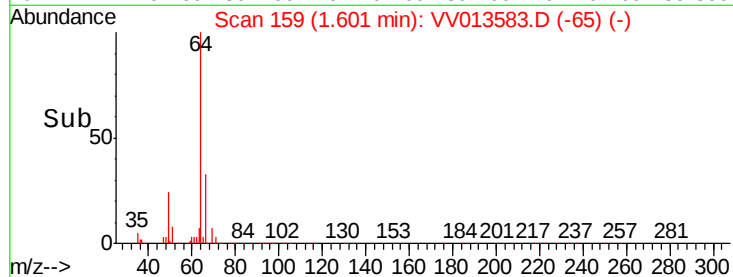
60000

40000

20000

0

Time-->



#9

Trichlorofluoromethane

Concen: 5.495 ug/L

RT: 1.77 min Scan# 211

Delta R.T. -0.00 min

Lab File: VV013583.D

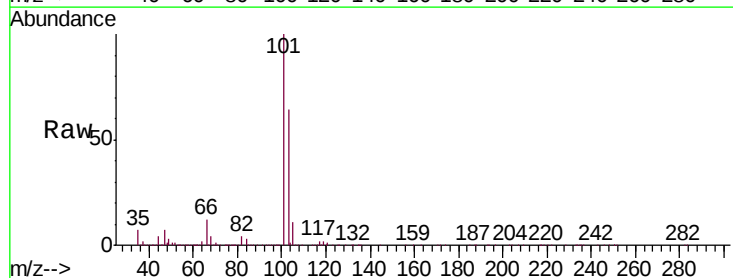
Acq: 12 Nov 2019 09:02

Tgt Ion: 101 Resp: 263985

Ion Ratio Lower Upper

101 100

103 65.4 50.5 75.7



Abundance Ion 101.00 (100.70 to 101.70): VV013575.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV013583.D (-118) (-)

1.77

250000

200000

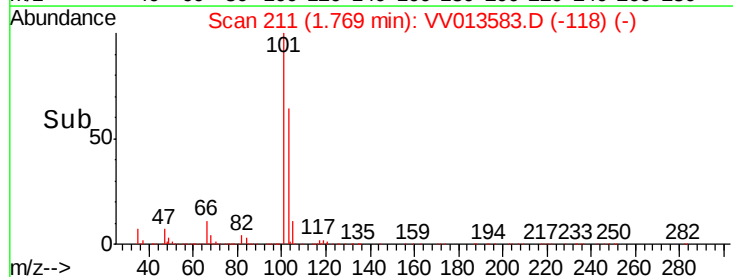
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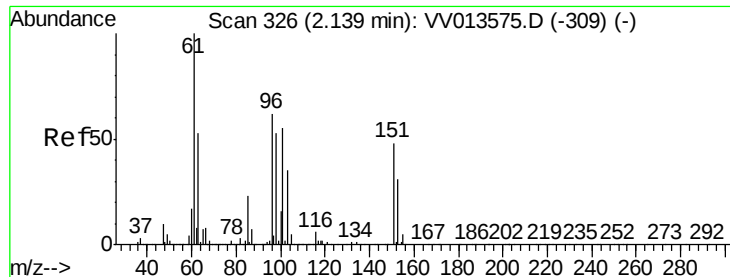
100000

50000

0

Time-->





#10

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

Concen: 5.475 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD00555

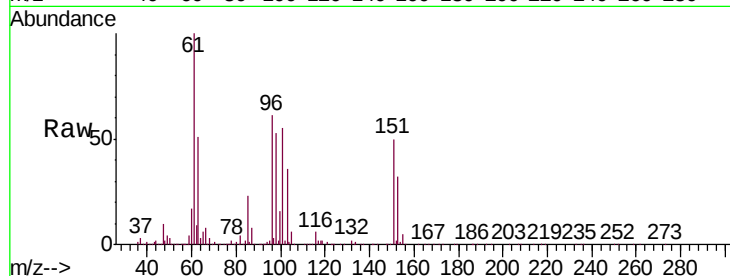
Tgt Ion: 101 Resp: 147438

Ion Ratio Lower Upper

101 100

85 41.7 33.8 50.8

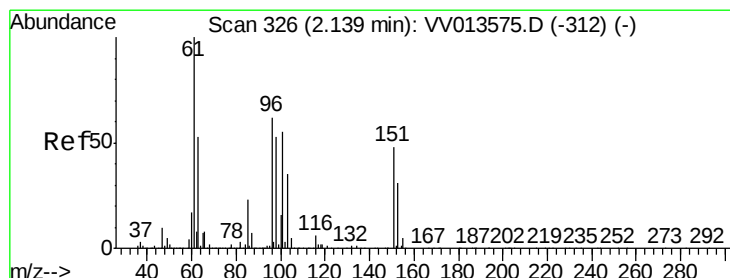
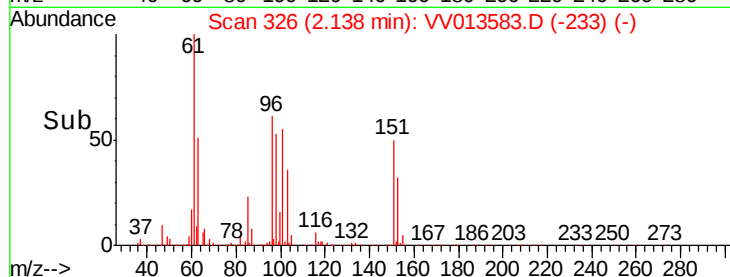
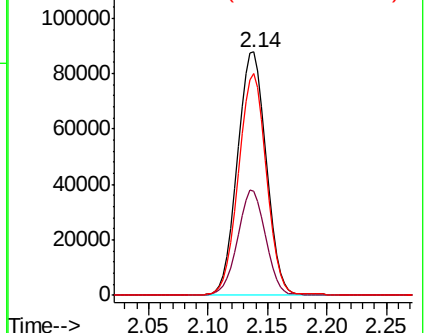
151 89.1 69.5 104.3



Abundance Ion 101.00 (100.70 to 101.70): VV013575.D (-309) (-)

Ion 85.00 (84.70 to 85.70): VV013583.D (-233) (-)

Ion 151.00 (150.70 to 151.70): VV013583.D (-233) (-)



#12

1,1-Dichloroethene

Concen: 5.415 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

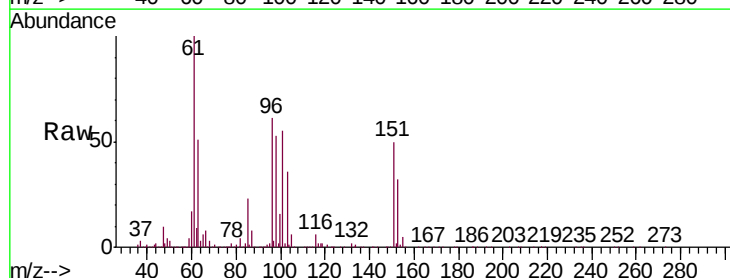
Tgt Ion: 96 Resp: 138090

Ion Ratio Lower Upper

96 100

61 162.9 117.1 217.5

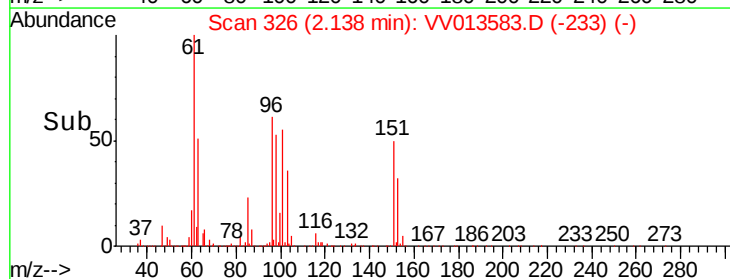
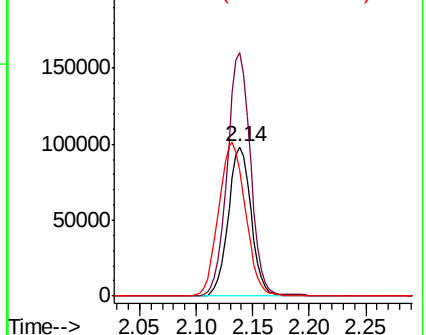
63 83.8 68.5 127.1

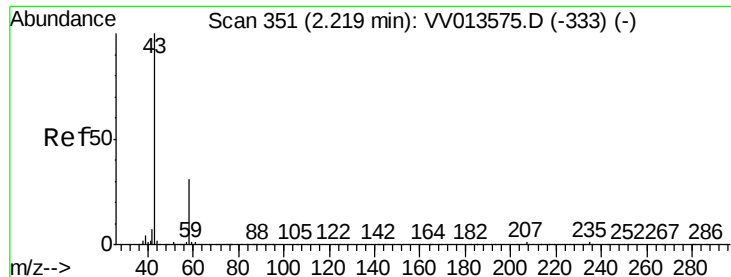


Abundance Ion 96.00 (95.70 to 96.70): VV013575.D (-312) (-)

Ion 61.05 (60.75 to 61.75): VV013583.D (-233) (-)

Ion 63.00 (62.70 to 63.70): VV013583.D (-233) (-)





#13

Acetone

Concen: 47.765 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Instrument :

MSVOA_V

ClientSampleId :

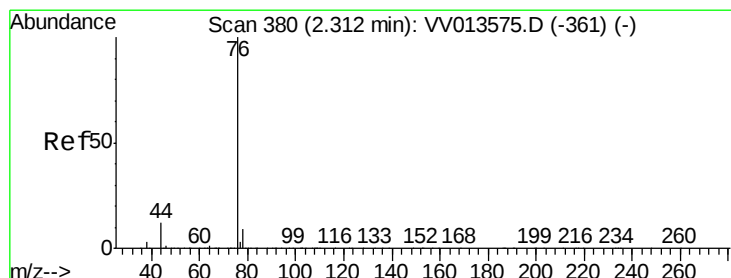
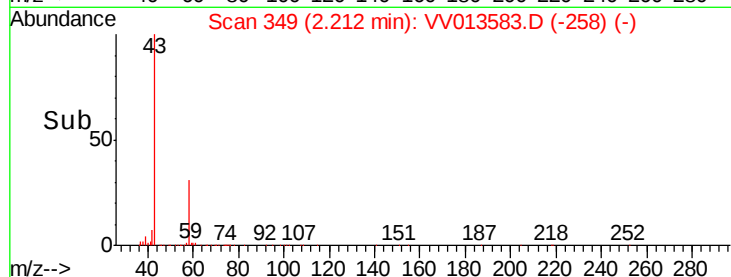
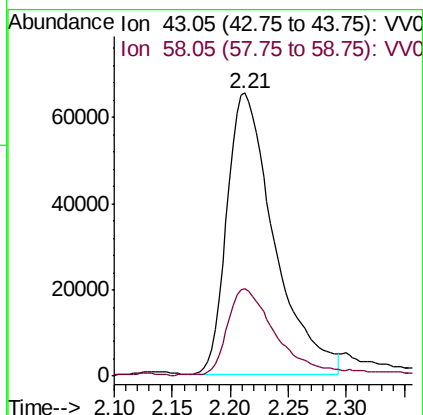
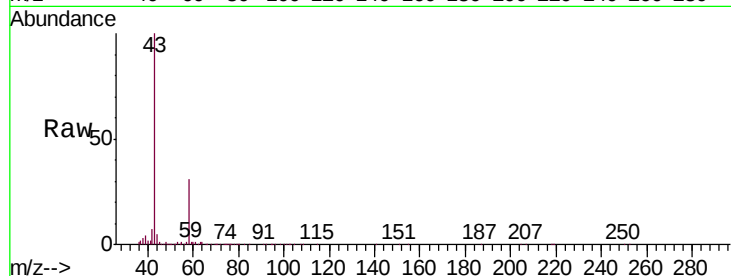
VSTD00555

Tgt Ion: 43 Resp: 185647

Ion Ratio Lower Upper

43 100

58 30.7 0.0 60.8



#14

Carbon disulfide

Concen: 6.114 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013583.D

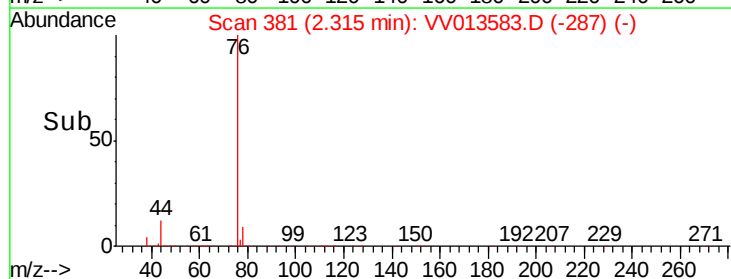
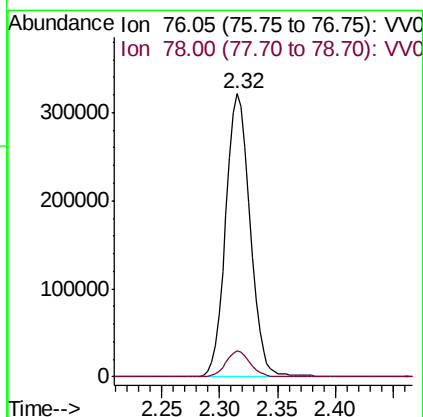
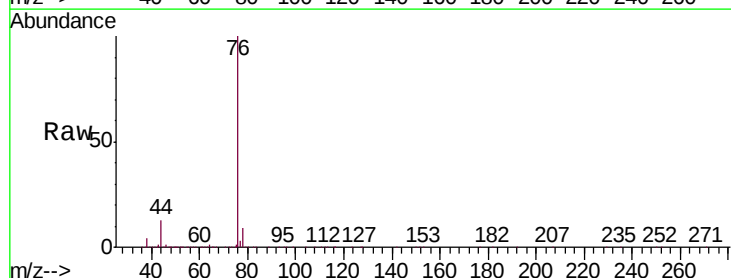
Acq: 12 Nov 2019 09:02

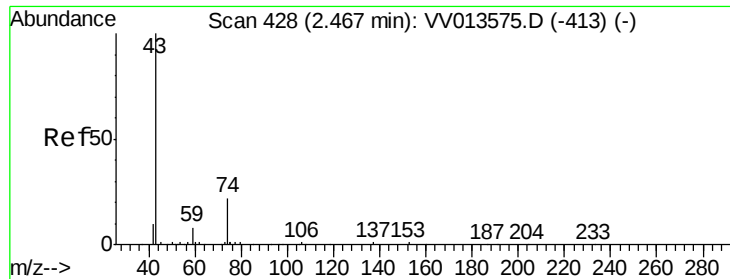
Tgt Ion: 76 Resp: 468593

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

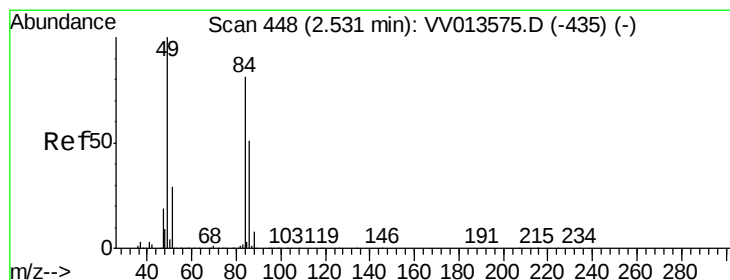
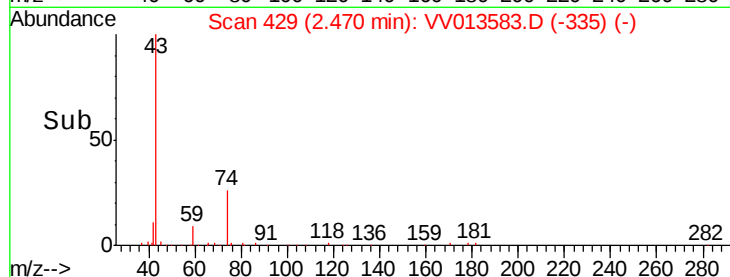
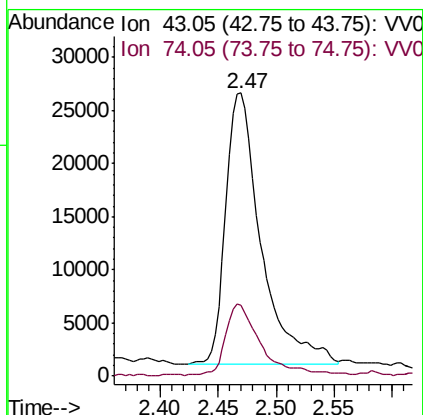
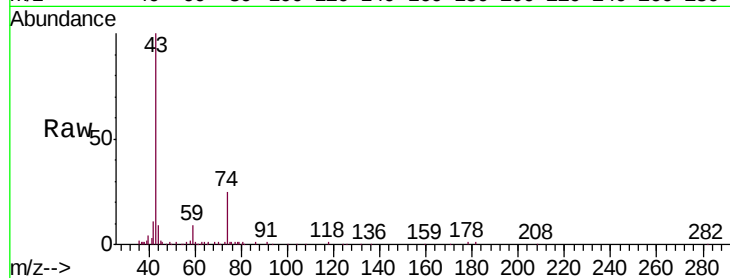




#15
Methyl Acetate
Concen: 4.666 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV013583.D
Acq: 12 Nov 2019 09:02

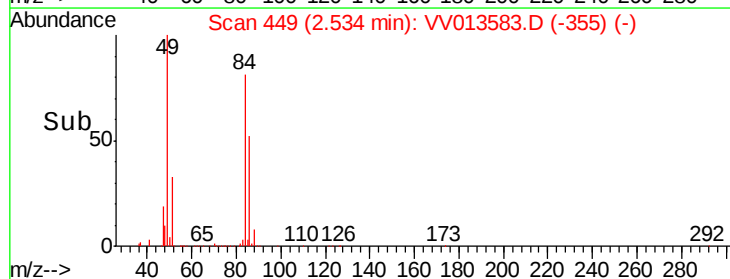
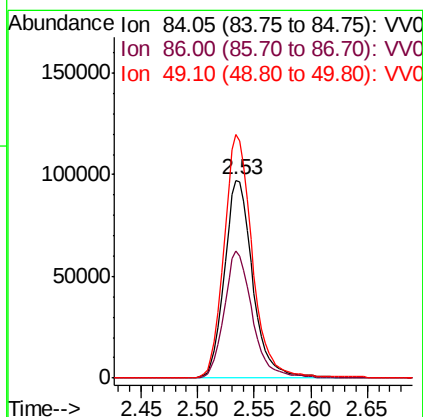
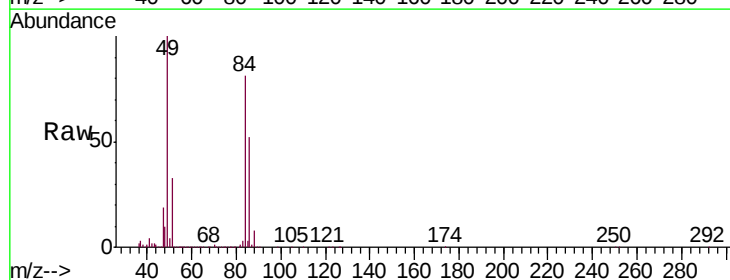
Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

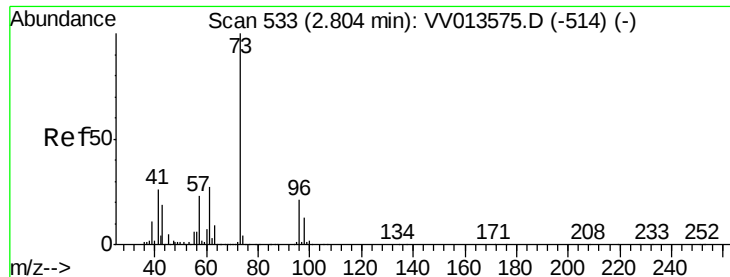
Tgt Ion: 43 Resp: 54222
Ion Ratio Lower Upper
43 100
74 26.2 19.4 29.0



#16
Methylene chloride
Concen: 5.075 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013583.D
Acq: 12 Nov 2019 09:02

Tgt Ion: 84 Resp: 169527
Ion Ratio Lower Upper
84 100
86 63.9 44.2 82.2
49 122.9 88.8 164.8





#17

Methyl tert-butyl Ether

Concen: 4.927 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD00555

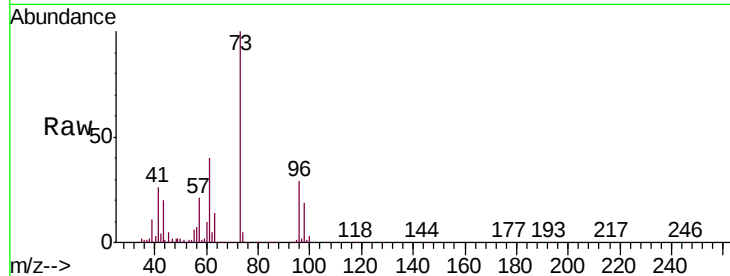
Tgt Ion: 73 Resp: 331938

Ion Ratio Lower Upper

73 100

43 19.8 16.4 24.6

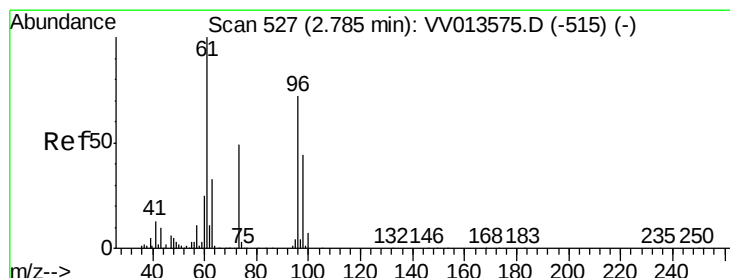
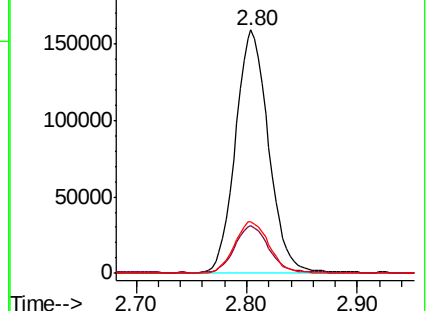
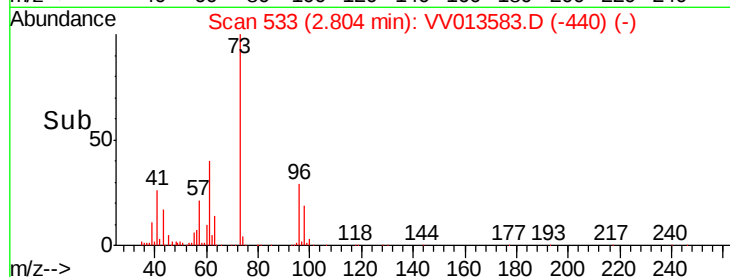
57 22.1 18.2 27.2



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: 5.372 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.01 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

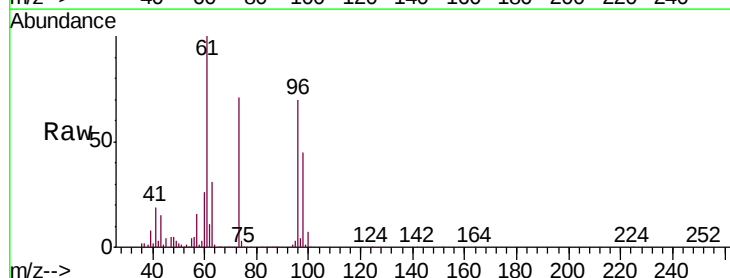
Tgt Ion: 96 Resp: 169991

Ion Ratio Lower Upper

96 100

61 142.9 100.0 185.8

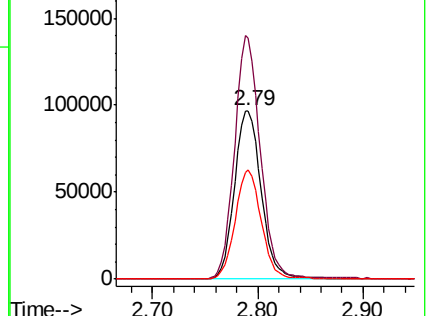
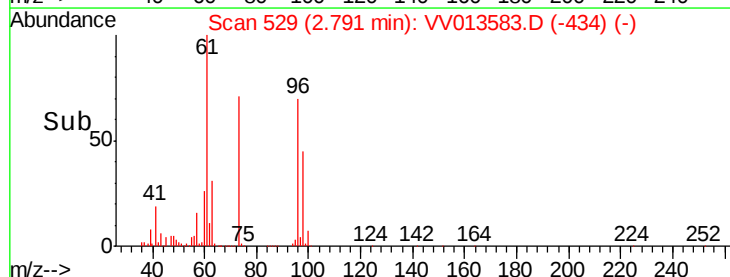
98 64.9 45.3 84.1

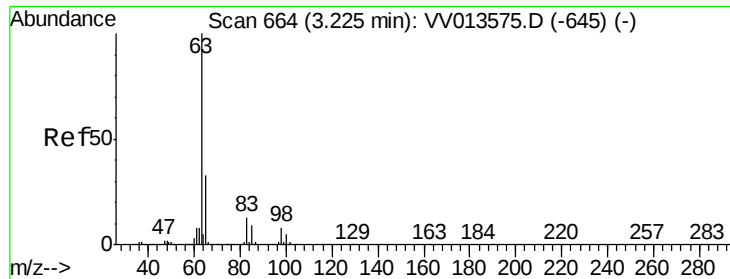


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0

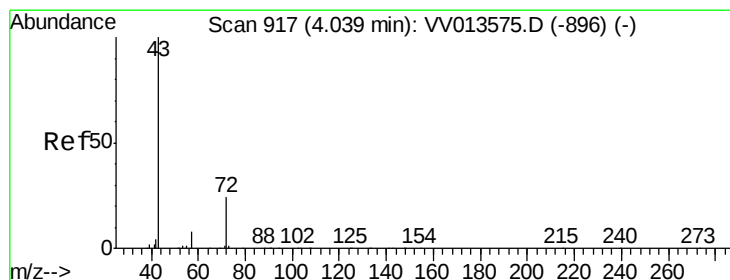
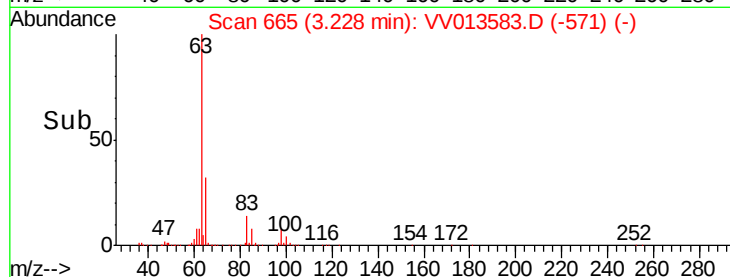
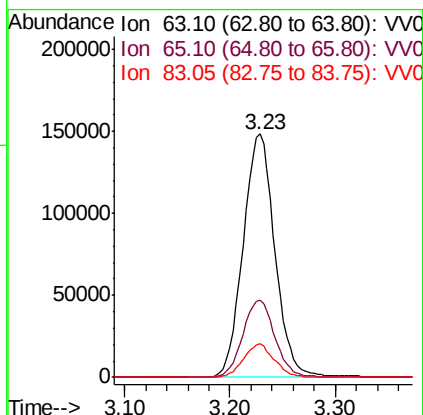
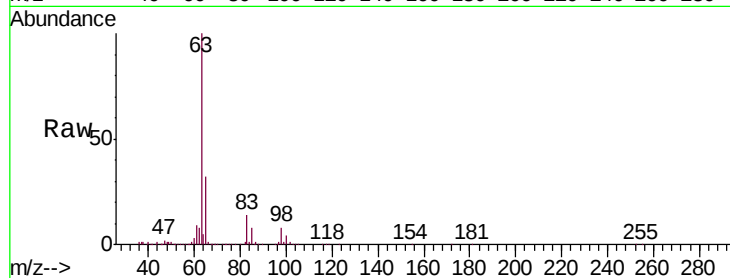




#19
 1,1-Dichloroethane
 Concen: 5.257 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV013583.D
 Acq: 12 Nov 2019 09:02

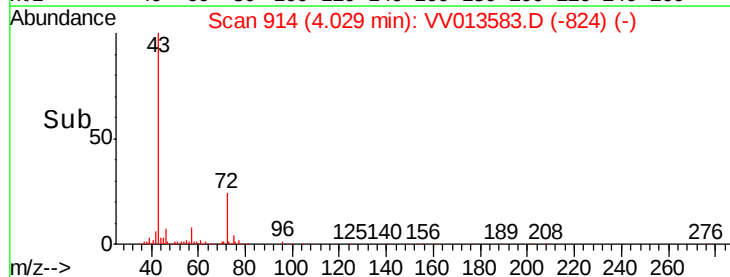
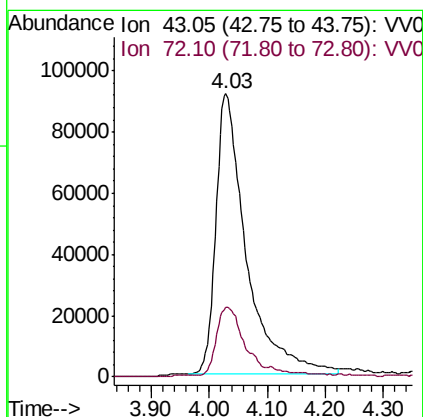
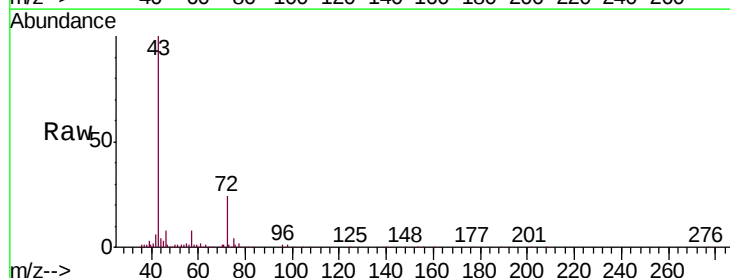
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

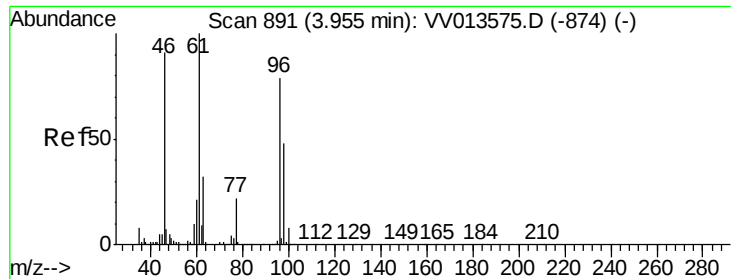
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.9	42.5
83	13.6	9.1	16.9



#21
 2-Butanone
 Concen: 47.080 ug/L
 RT: 4.03 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VV013583.D
 Acq: 12 Nov 2019 09:02

Tgt Ion	Ratio	Lower	Upper
43	100		
72	21.5	11.6	34.7



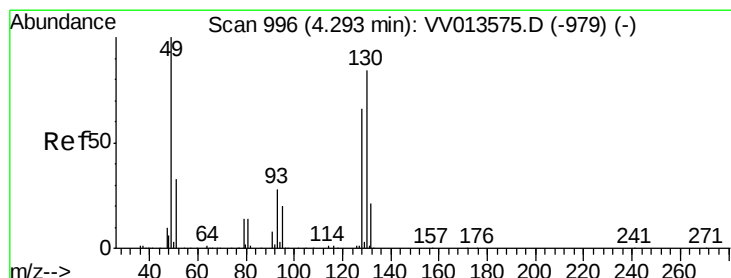
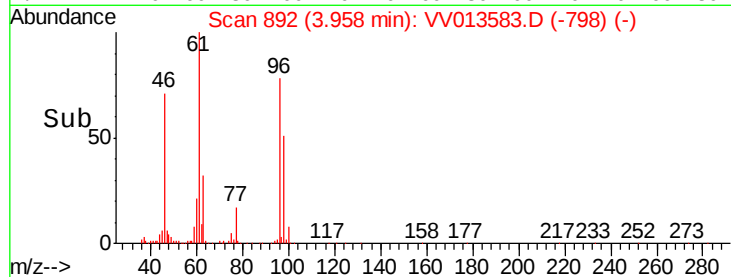
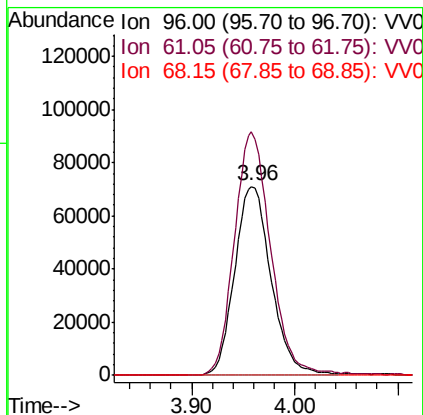
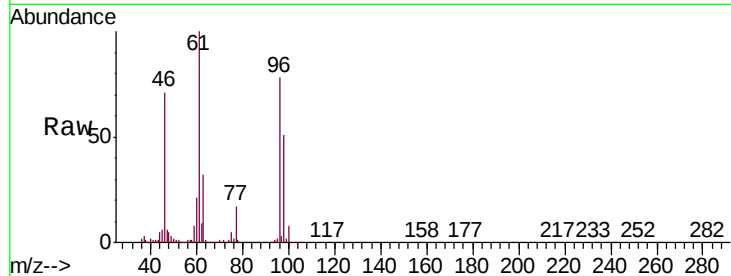


#22

cis-1,2-Dichloroethene
 Concen: 5.360 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV013583.D
 Acq: 12 Nov 2019 09:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

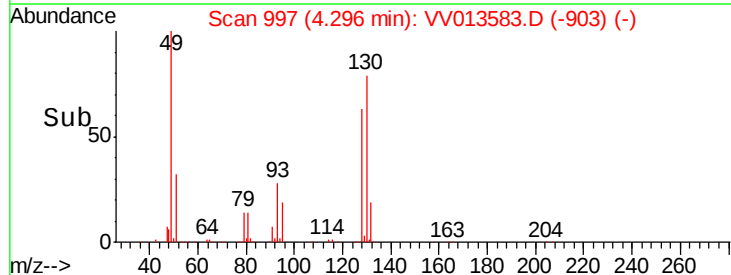
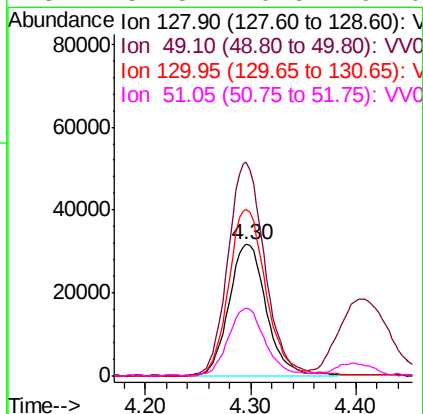
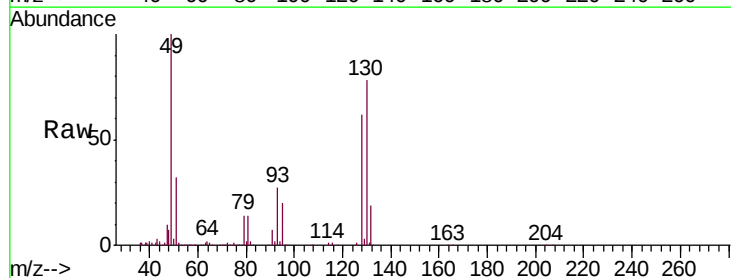
Tgt Ion: 96 Resp: 174913
 Ion Ratio Lower Upper
 96 100
 61 128.8 94.6 175.8
 68 0.0 0.1 0.3#

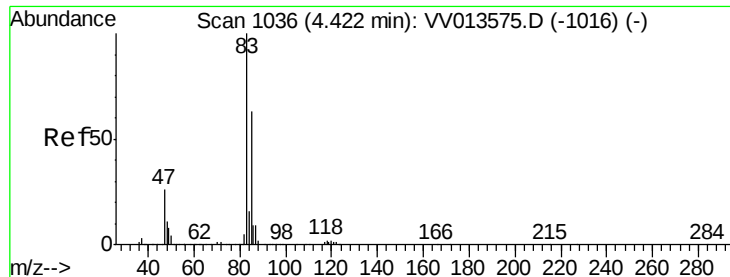


#23

Bromochloromethane
 Concen: 5.174 ug/L
 RT: 4.30 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: VV013583.D
 Acq: 12 Nov 2019 09:02

Tgt Ion: 128 Resp: 78186
 Ion Ratio Lower Upper
 128 100
 49 162.2 115.9 215.3
 130 126.6 87.6 162.6
 51 51.8 40.6 61.0

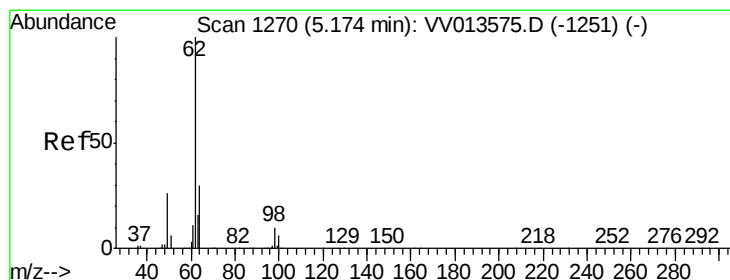
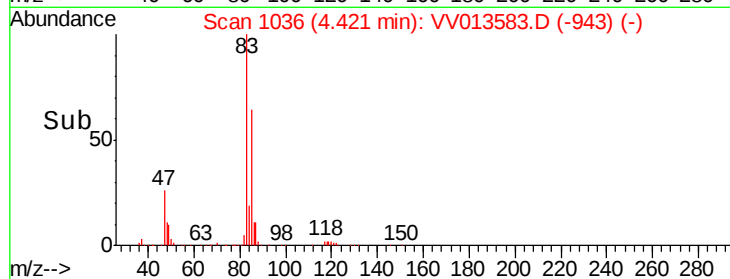
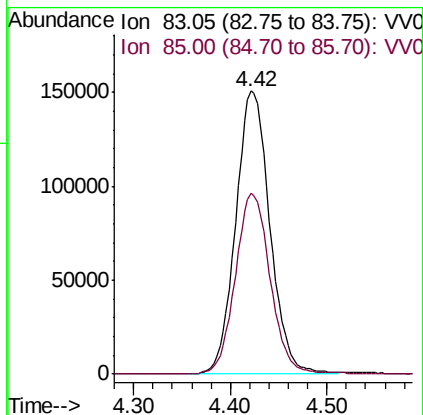
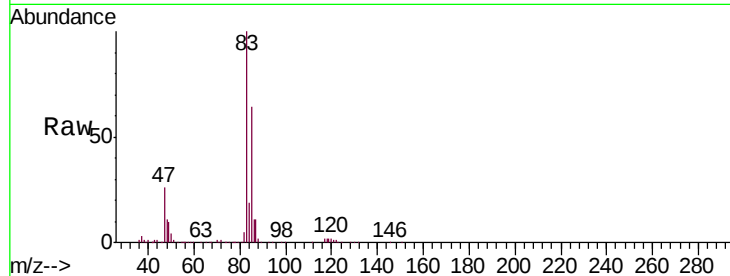




#25
Chloroform
Concen: 5.760 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV013583.D
Acq: 12 Nov 2019 09:02

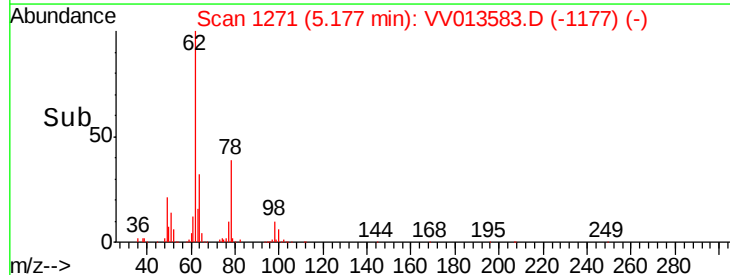
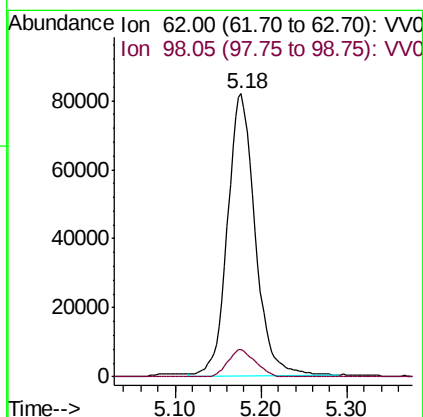
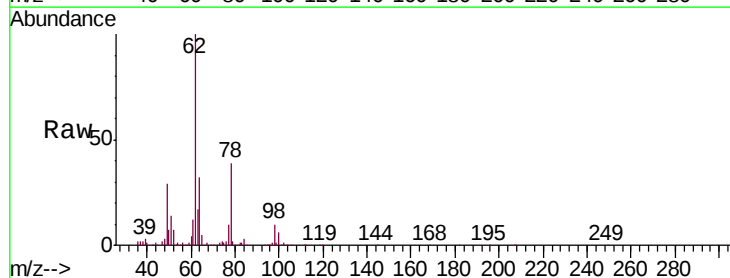
Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

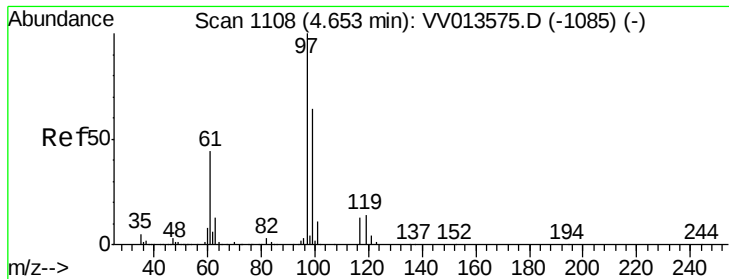
Tgt Ion: 83 Resp: 370844
Ion Ratio Lower Upper
83 100
85 63.8 46.3 86.1



#27
1,2-Dichloroethane
Concen: 5.249 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VV013583.D
Acq: 12 Nov 2019 09:02

Tgt Ion: 62 Resp: 182487
Ion Ratio Lower Upper
62 100
98 9.8 7.4 11.0

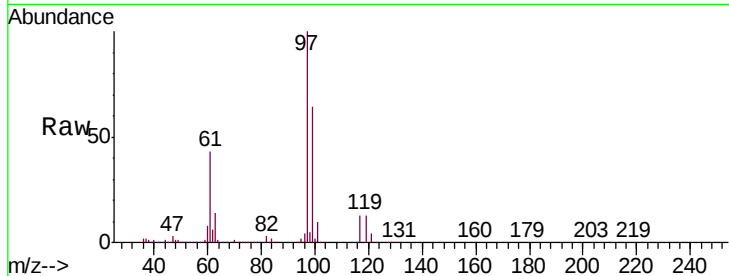




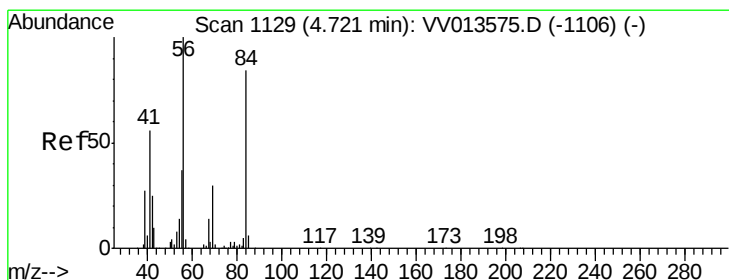
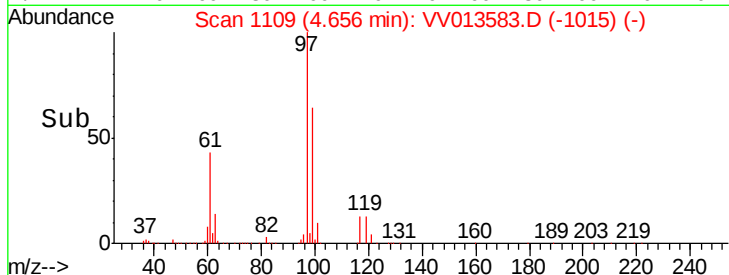
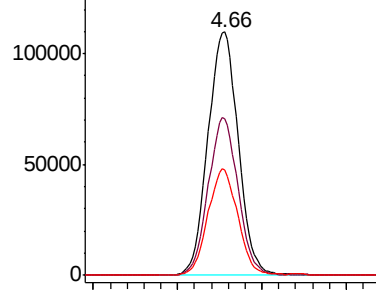
#29
 1,1,1-Trichloroethane
 Concen: 5.283 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV013583.D
 Acq: 12 Nov 2019 09:02

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.4	75.6
61	43.2	35.5	53.3

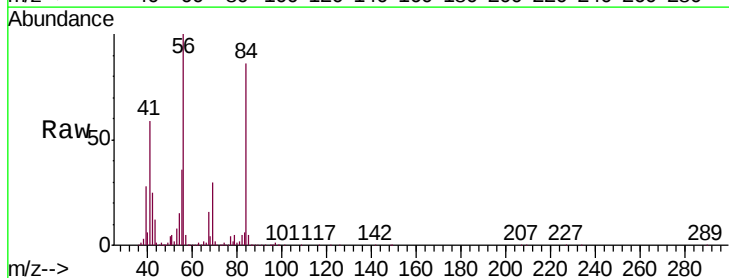


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

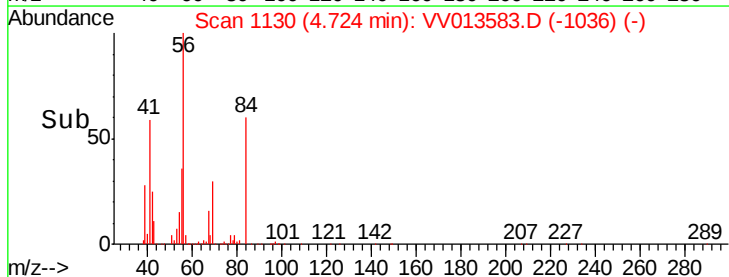
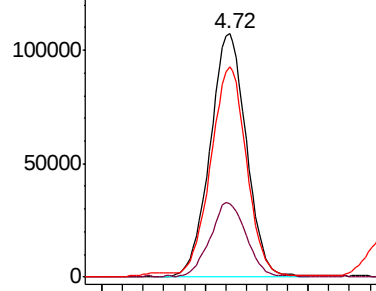


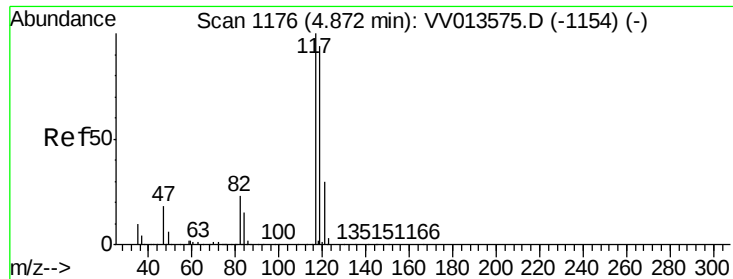
#30
 Cyclohexane
 Concen: 5.003 ug/L
 RT: 4.72 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: VV013583.D
 Acq: 12 Nov 2019 09:02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.0	22.9	34.3
84	84.5	67.2	100.8



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





#31

Carbon tetrachloride

Concen: 5.295 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Instrument :

MSVOA_V

ClientSampleId :

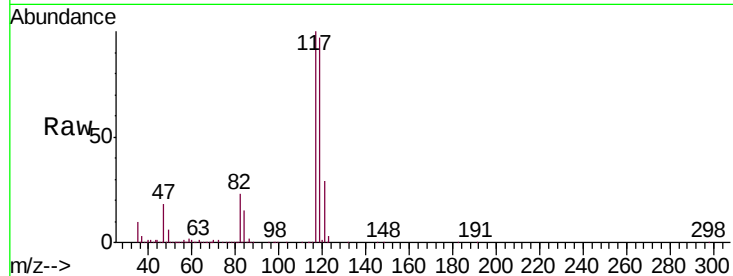
VSTD00555

Tgt Ion:117 Resp: 247637

Ion Ratio Lower Upper

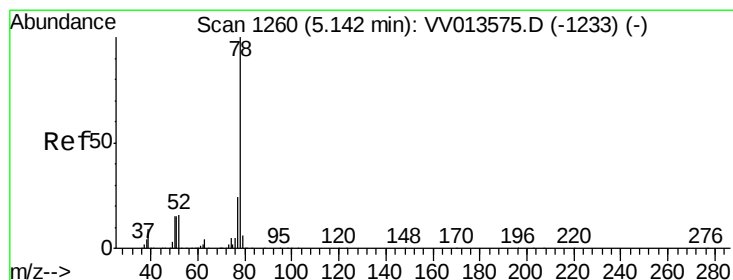
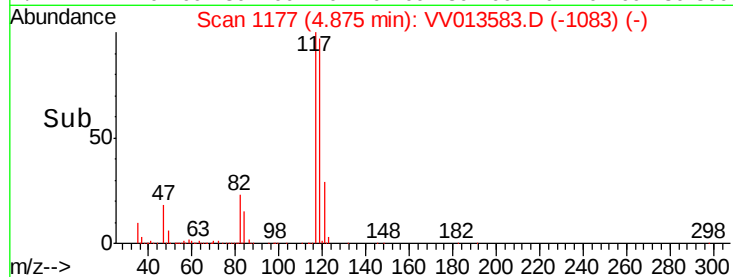
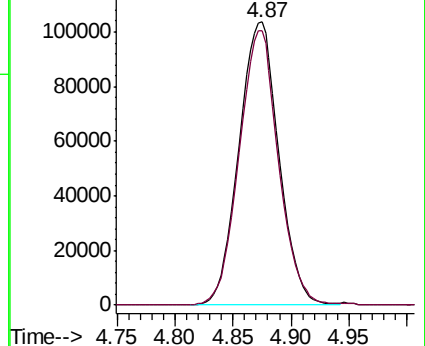
117 100

119 95.7 77.0 115.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.161 ug/L

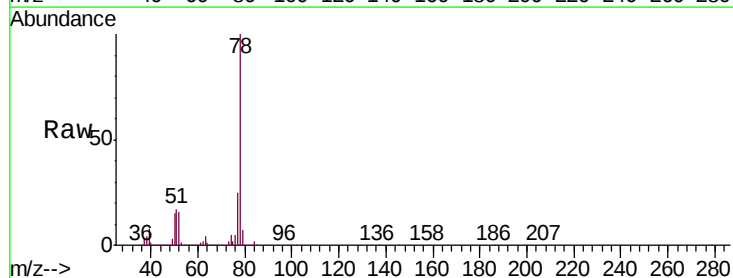
RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

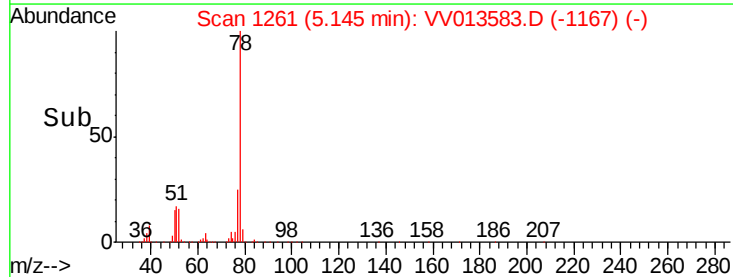
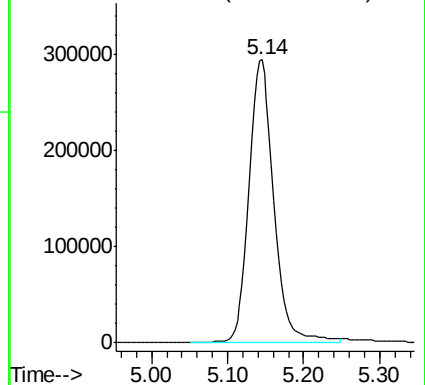
Lab File: VV013583.D

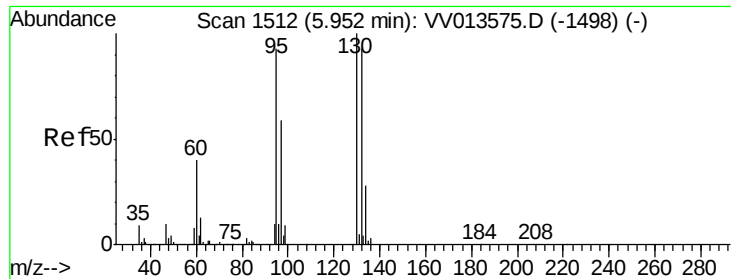
Acq: 12 Nov 2019 09:02

Tgt Ion: 78 Resp: 674606



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.938 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD00555

Tgt Ion: 95 Resp: 174019

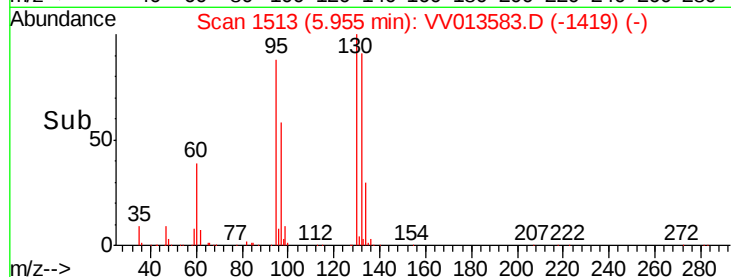
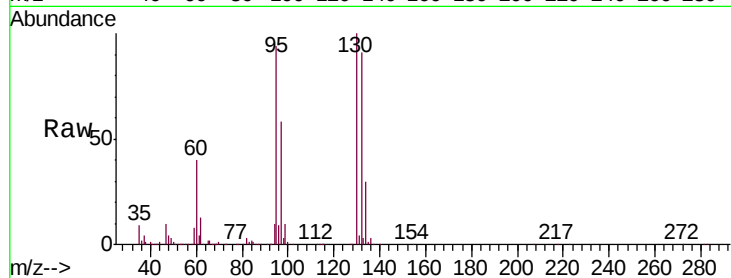
Ion Ratio Lower Upper

95 100

97 62.4 44.7 83.1

132 97.6 71.6 133.0

130 106.9 74.6 138.6

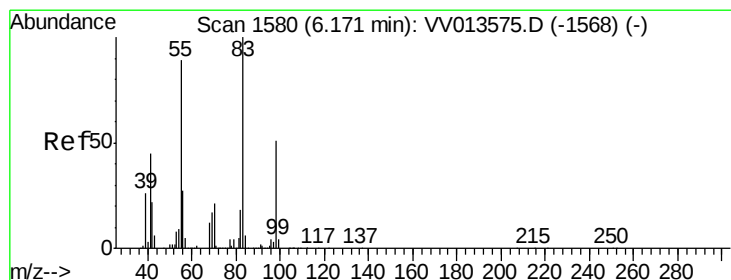
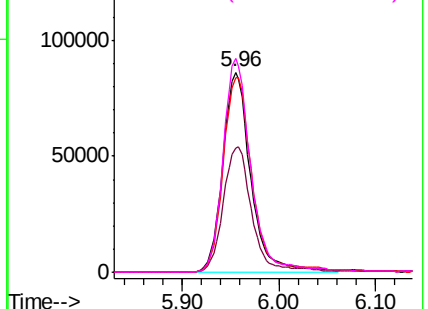


Abundance Ion 95.00 (94.70 to 95.70): VV013583.D (-1419) (-)

Ion 96.95 (96.65 to 97.65): VV013583.D (-1419) (-)

Ion 131.95 (131.65 to 132.65): VV013583.D (-1419) (-)

Ion 129.95 (129.65 to 130.65): VV013583.D (-1419) (-)



#35

Methylcyclohexane

Concen: 4.464 ug/L

RT: 6.17 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

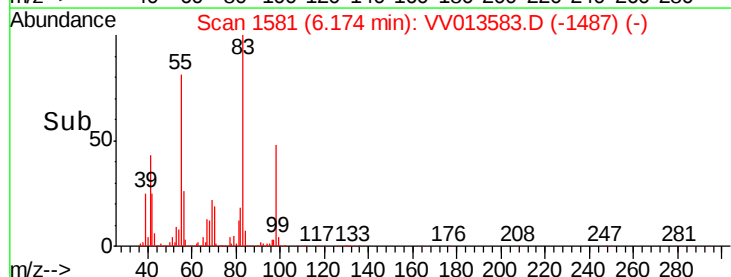
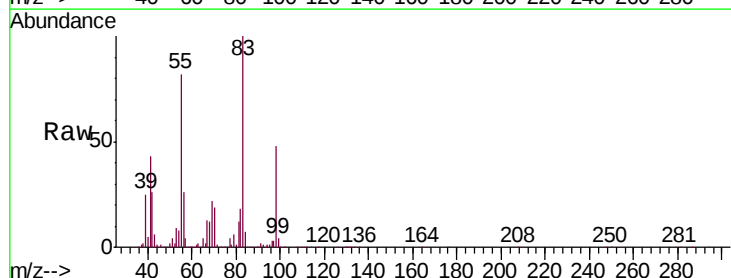
Tgt Ion: 83 Resp: 239153

Ion Ratio Lower Upper

83 100

55 85.1 63.8 95.8

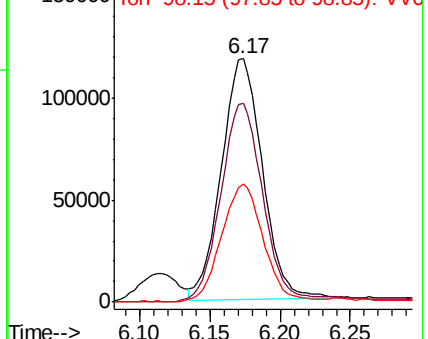
98 49.9 38.4 57.6

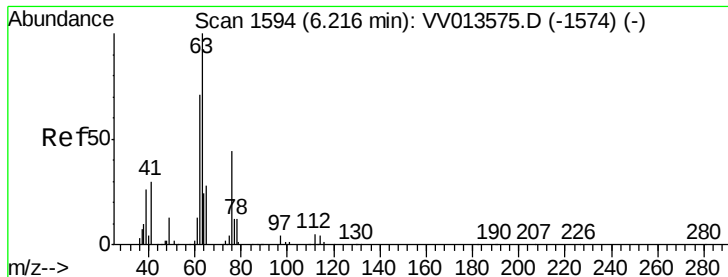


Abundance Ion 83.15 (82.85 to 83.85): VV013583.D (-1487) (-)

Ion 55.10 (54.80 to 55.80): VV013583.D (-1487) (-)

Ion 98.15 (97.85 to 98.85): VV013583.D (-1487) (-)





#37

1,2-Dichloropropane

Concen: 4.896 ug/L

RT: 6.22 min Scan# 1594

Delta R.T. -0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Instrument :

MSVOA_V

ClientSampleId :

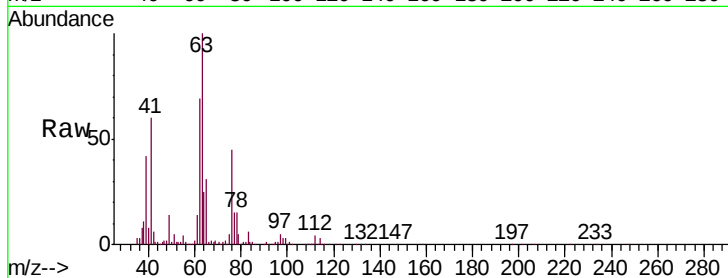
VSTD00555

Tgt Ion: 63 Resp: 157377

Ion Ratio Lower Upper

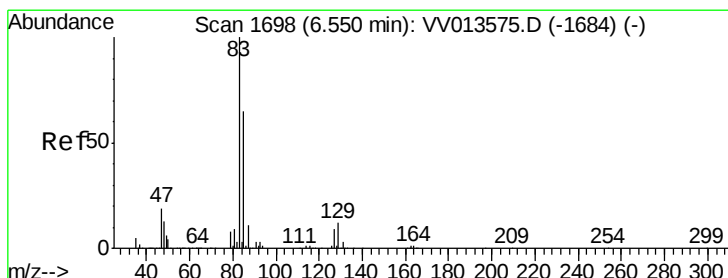
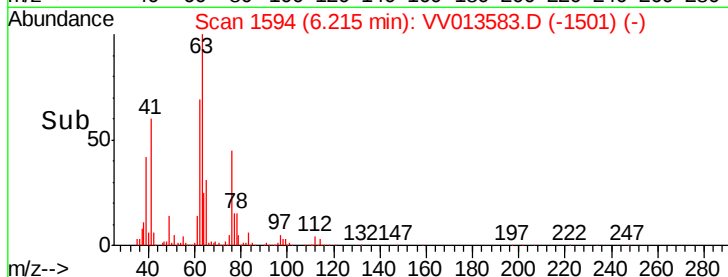
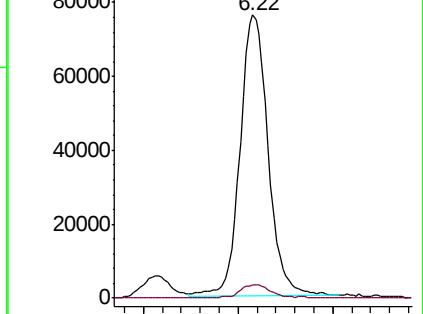
63 100

112 5.1 3.8 5.6



Abundance Ion 63.10 (62.80 to 63.80): VV013575.D (-1574) (-)

Ion 112.10 (111.80 to 112.80): VV013575.D (-1574) (-)



#38

Bromodichloromethane

Concen: 5.016 ug/L

RT: 6.55 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

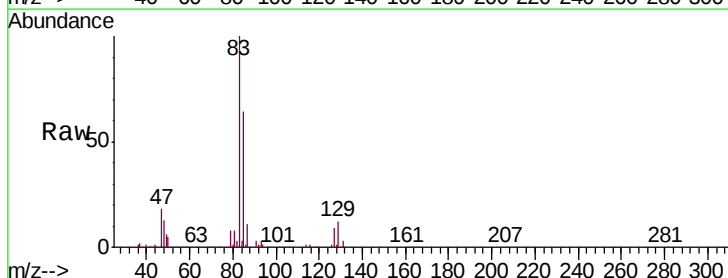
Tgt Ion: 83 Resp: 208161

Ion Ratio Lower Upper

83 100

85 64.0 43.6 81.0

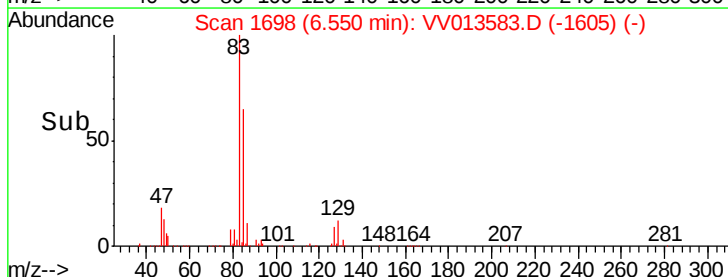
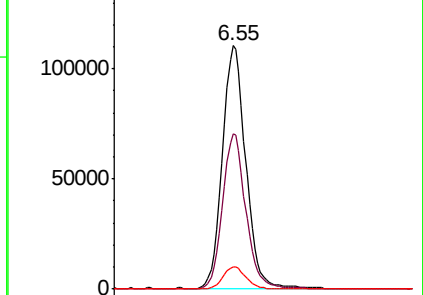
127 8.9 6.5 9.7

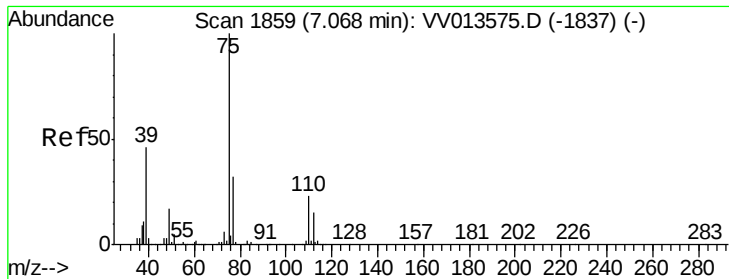


Abundance Ion 82.95 (82.65 to 83.65): VV013575.D (-1684) (-)

Ion 85.00 (84.70 to 85.70): VV013575.D (-1684) (-)

Ion 126.90 (126.60 to 127.60): VV013575.D (-1684) (-)

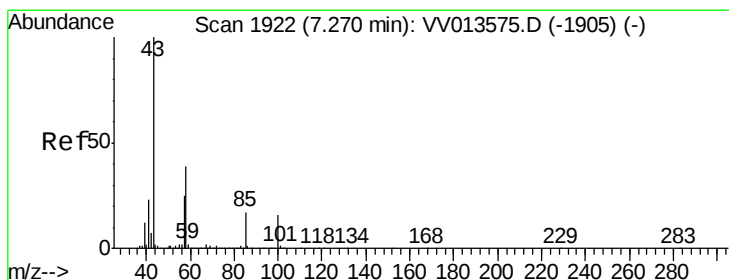
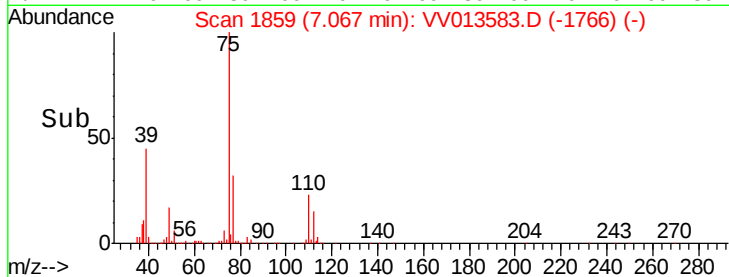
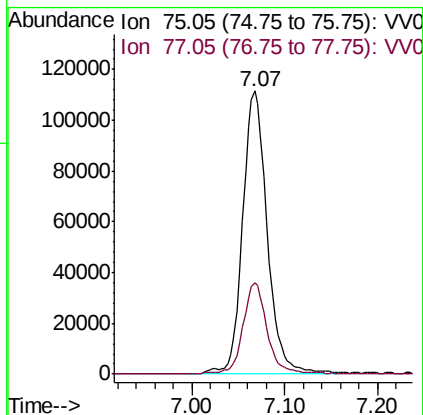
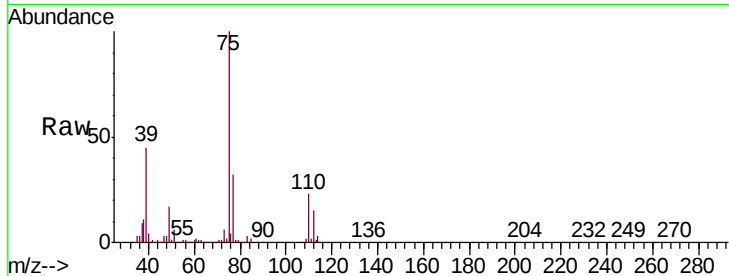




#39
 cis-1,3-Dichloropropene
 Concen: 4.610 ug/L
 RT: 7.07 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VV013583.D
 Acq: 12 Nov 2019 09:02

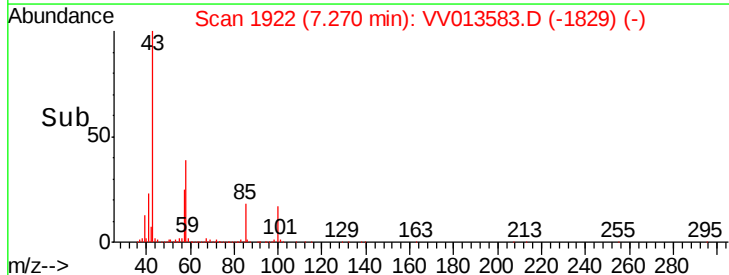
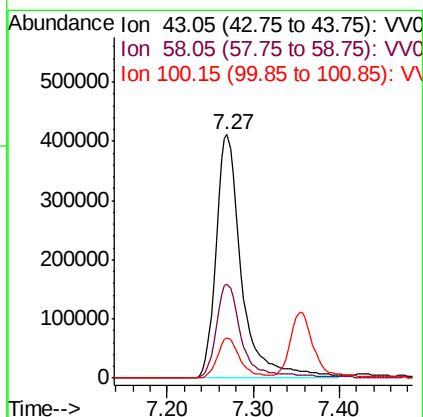
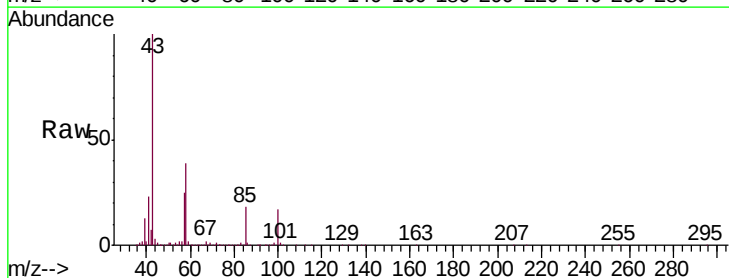
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

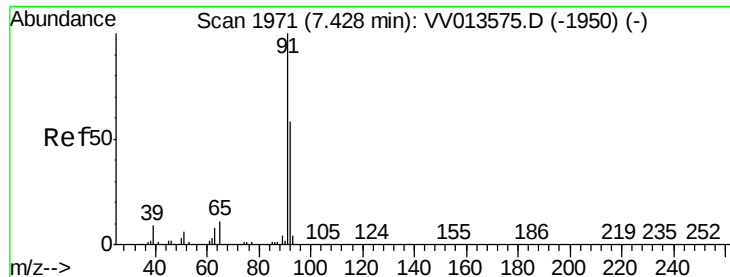
Tgt Ion: 75 Resp: 205883
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 46.022 ug/L
 RT: 7.27 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VV013583.D
 Acq: 12 Nov 2019 09:02

Tgt Ion: 43 Resp: 850959
 Ion Ratio Lower Upper
 43 100
 58 38.9 30.6 45.8
 100 14.8 12.0 18.0





#42

Toluene

Concen: 5.338 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

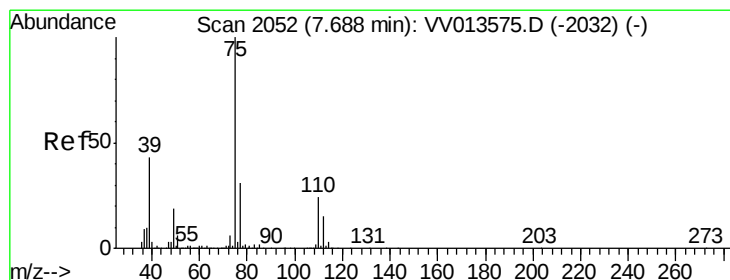
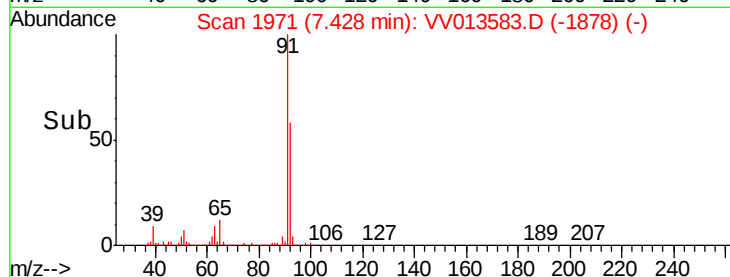
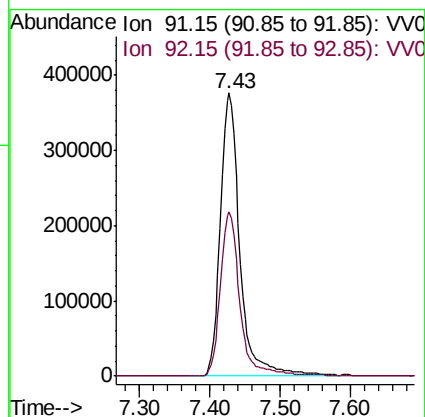
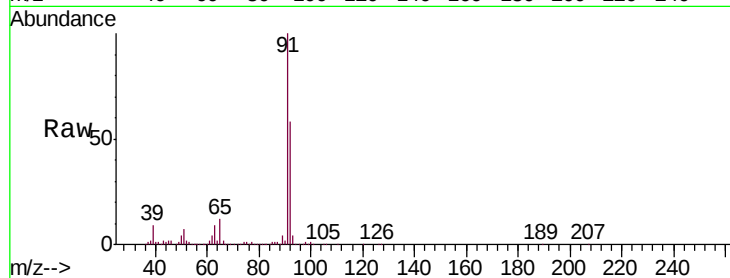
Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

Tgt Ion: 91 Resp: 725602

Ion Ratio Lower Upper

91 100

92 58.2 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 4.443 ug/L

RT: 7.69 min Scan# 2053

Delta R.T. 0.00 min

Lab File: VV013583.D

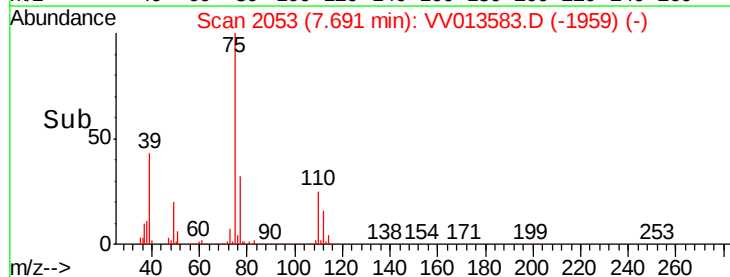
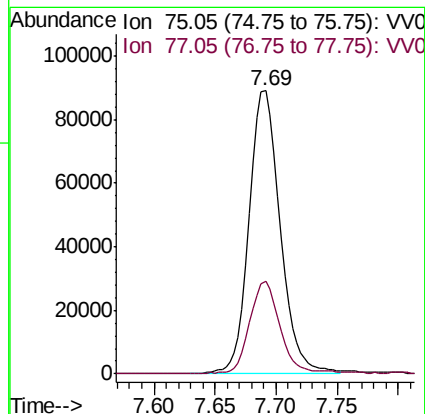
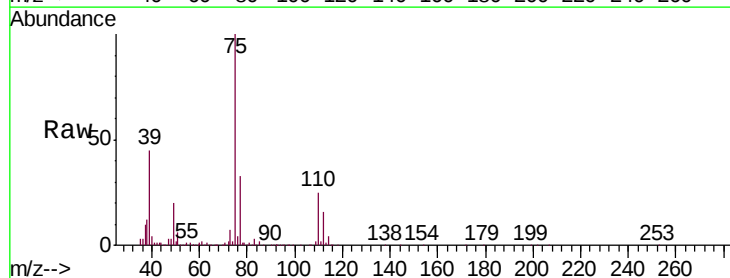
Acq: 12 Nov 2019 09:02

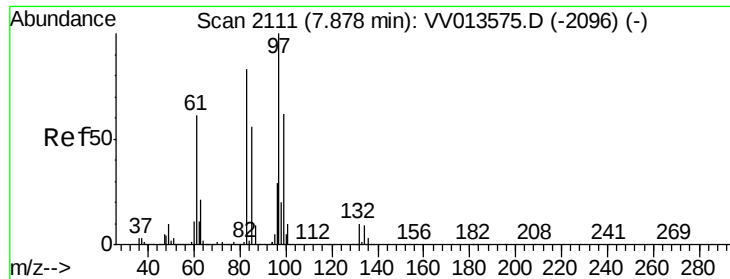
Tgt Ion: 75 Resp: 155996

Ion Ratio Lower Upper

75 100

77 32.6 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 4.881 ug/L

RT: 7.88 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Instrument :

MSVOA_V

ClientSampleId :

VSTD00555

Tgt Ion: 97 Resp: 107833

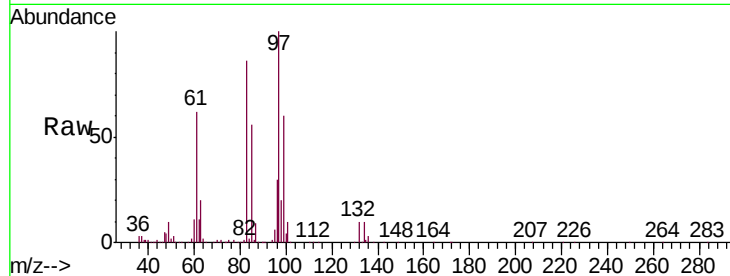
Ion Ratio Lower Upper

97 100

99 60.0 44.4 82.5

83 86.1 57.5 106.7

85 55.7 39.5 73.4

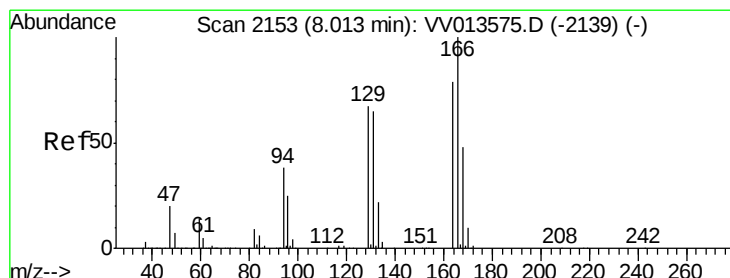
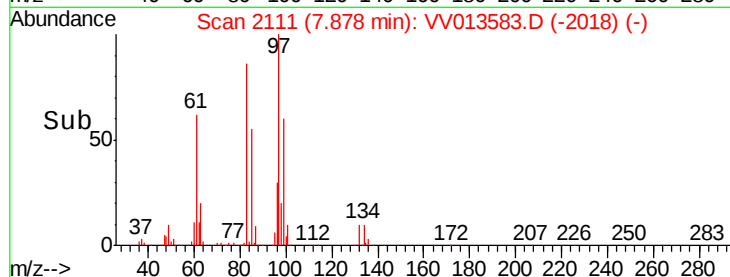
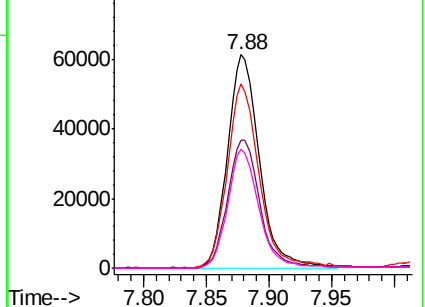


Abundance Ion 96.95 (96.65 to 97.65): VV0

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: 5.318 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Tgt Ion: 164 Resp: 163841

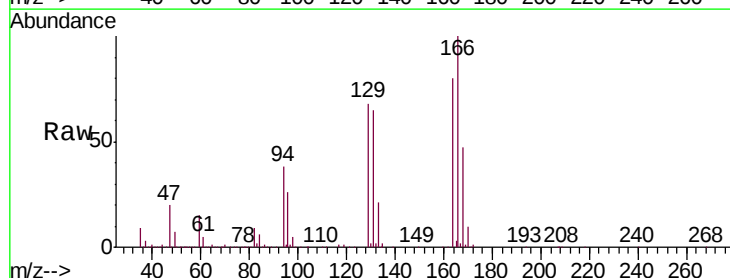
Ion Ratio Lower Upper

164 100

129 84.9 59.6 110.8

131 82.0 59.1 109.9

166 125.7 88.6 164.6

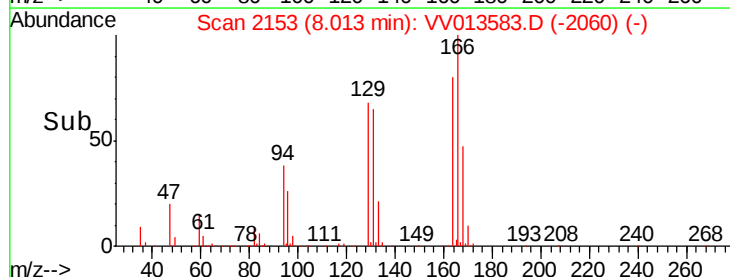
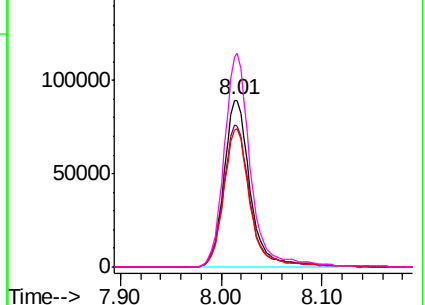


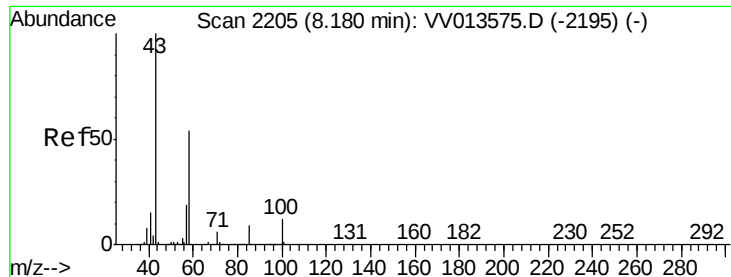
Abundance Ion 163.90 (163.60 to 164.60): V

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

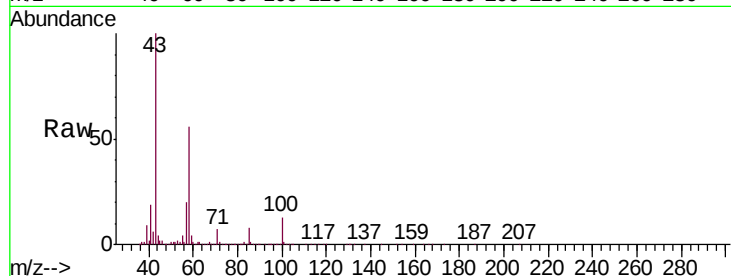




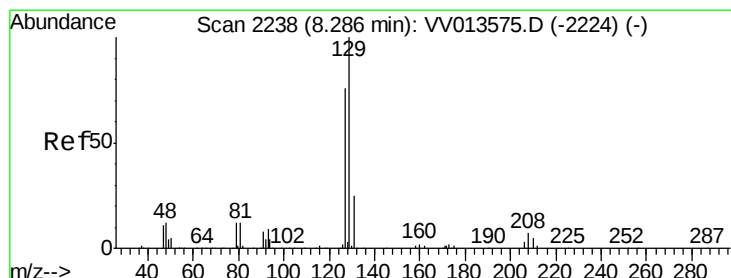
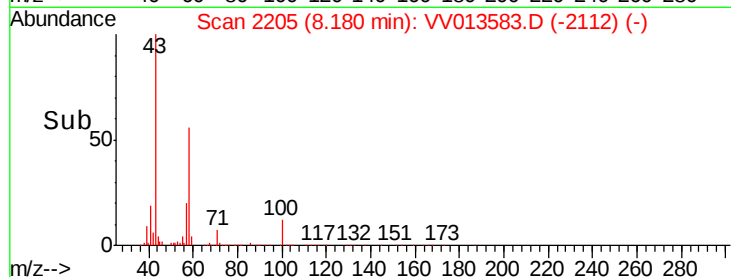
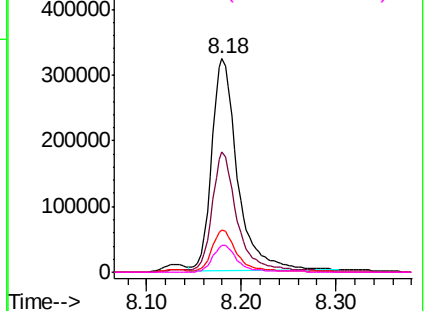
#48
2-Hexanone
Concen: 46.774 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV013583.D
Acq: 12 Nov 2019 09:02

Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

Tgt Ion:	43	Resp:	612337
Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.8	65.8
57	19.2	15.0	22.6
100	12.0	9.8	14.6

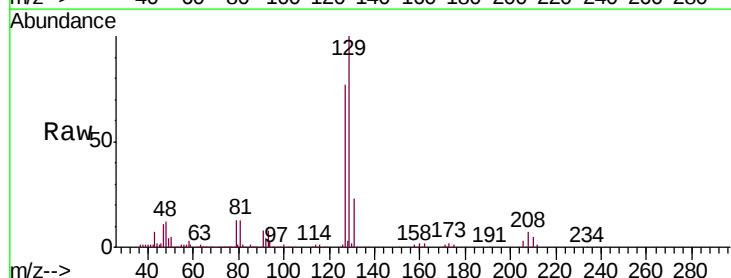


Abundance Ion 43.05 (42.75 to 43.75): VV013575.D (-2195) (-)
Ion 58.05 (57.75 to 58.75): VV013575.D (-2195) (-)
Ion 57.20 (56.90 to 57.90): VV013575.D (-2195) (-)
Ion 100.15 (99.85 to 100.85): VV013575.D (-2195) (-)

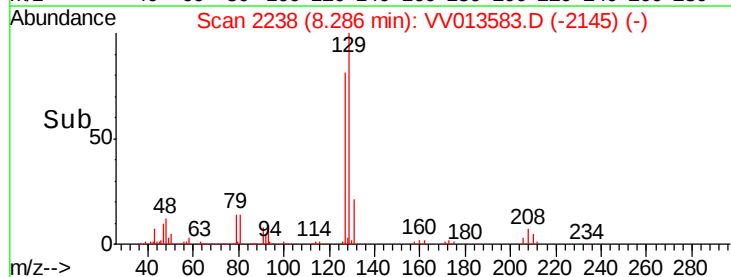
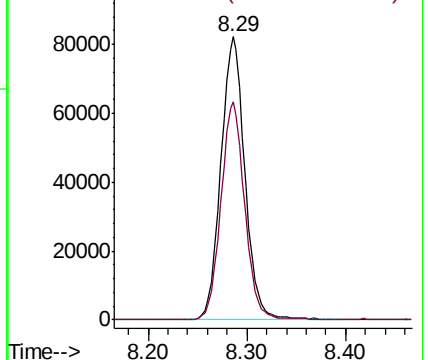


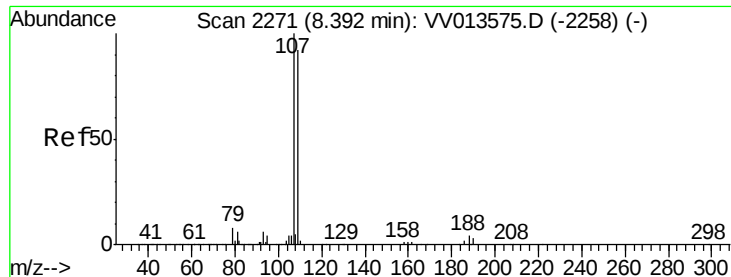
#49
Dibromochloromethane
Concen: 5.100 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VV013583.D
Acq: 12 Nov 2019 09:02

Tgt Ion:	129	Resp:	140540
Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.7	101.7



Abundance Ion 128.95 (128.65 to 129.65): VV013575.D (-2224) (-)
Ion 126.90 (126.60 to 127.60): VV013575.D (-2224) (-)

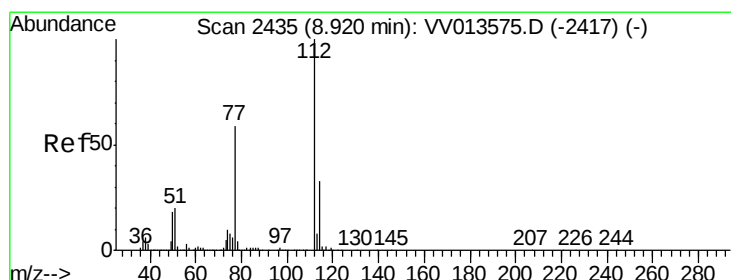
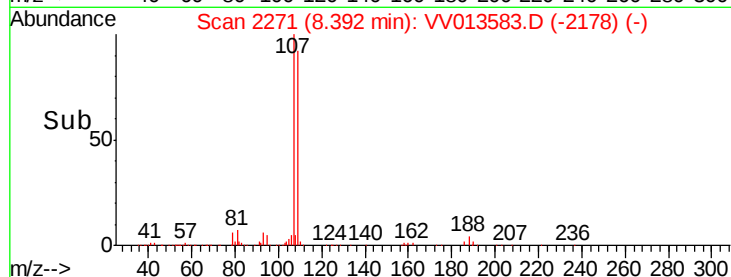
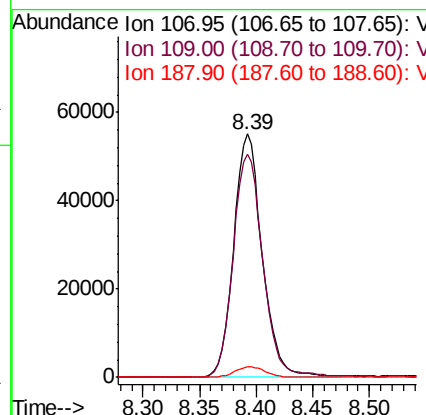
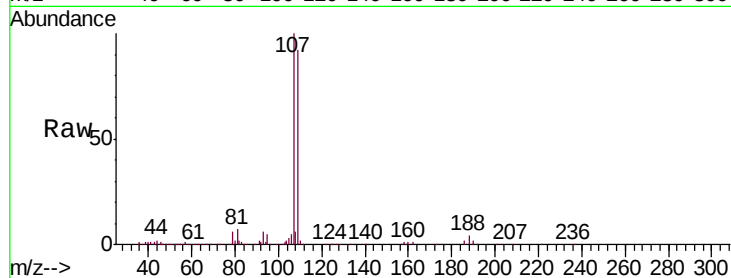




#50
1,2-Dibromoethane
Concen: 4.704 ug/L
RT: 8.39 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV013583.D
Acq: 12 Nov 2019 09:02

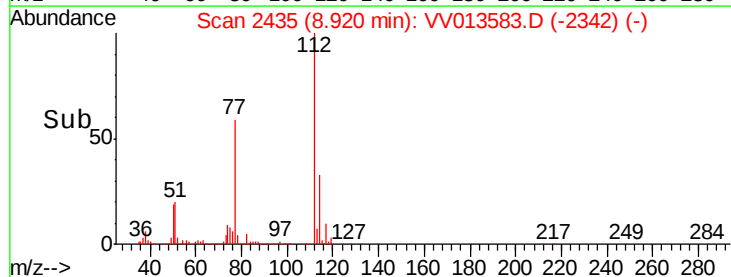
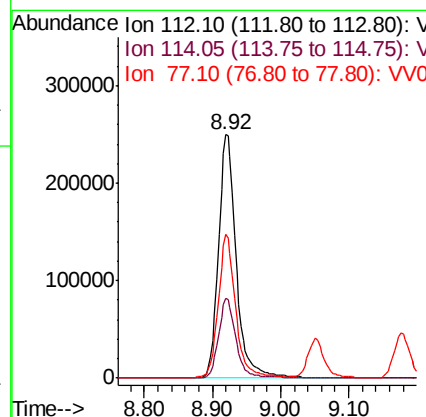
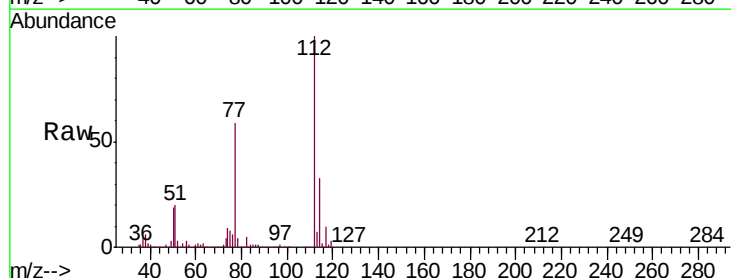
Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

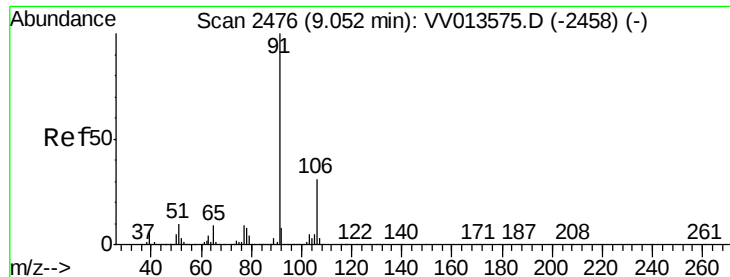
Tgt Ion	Ratio	Lower	Upper
107	100		
109	91.6	66.9	124.3
188	4.2	3.4	5.0



#51
Chlorobenzene
Concen: 5.028 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV013583.D
Acq: 12 Nov 2019 09:02

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.6	42.0
77	58.8	46.2	69.2





#52

Ethylbenzene

Concen: 5.135 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. -0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Instrument :

MSVOA_V

ClientSampleId :

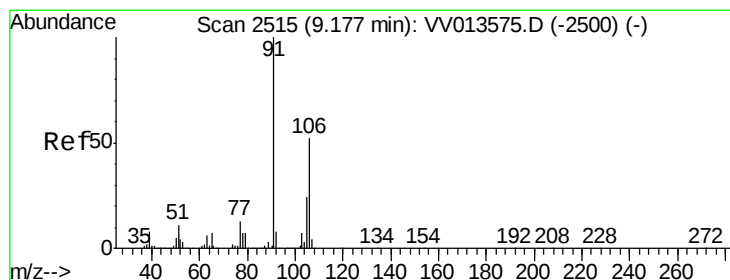
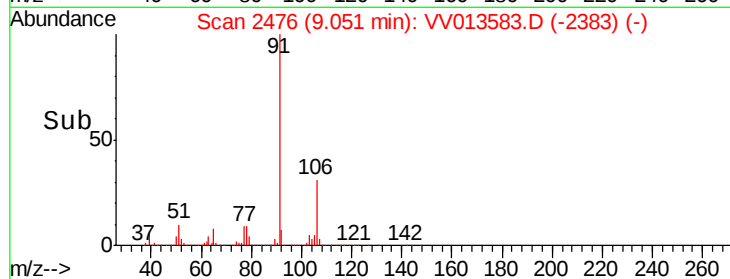
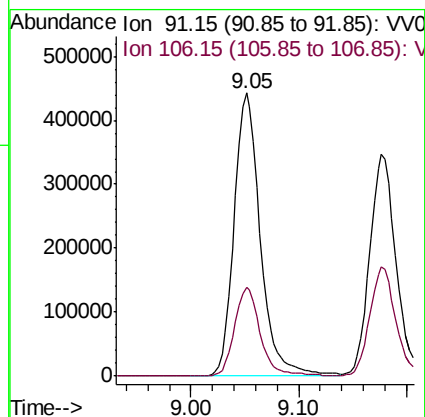
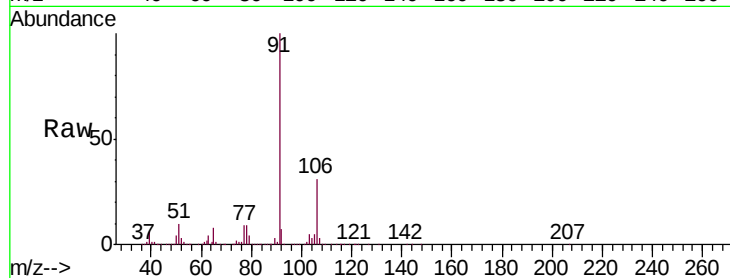
VSTD00555

Tgt Ion: 91 Resp: 747834

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



#53

m,p-xylene

Concen: 5.411 ug/L

RT: 9.18 min Scan# 2515

Delta R.T. -0.00 min

Lab File: VV013583.D

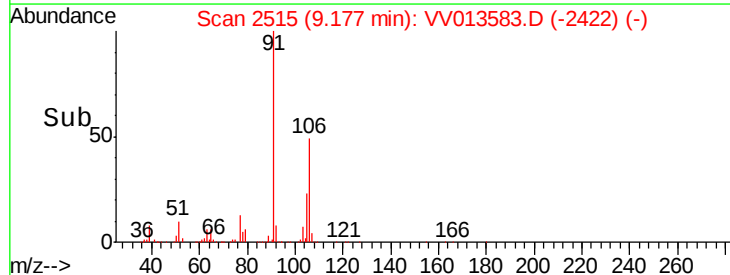
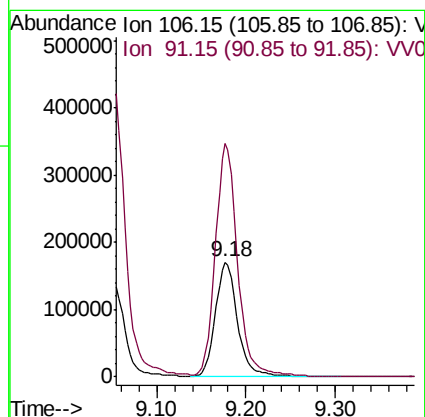
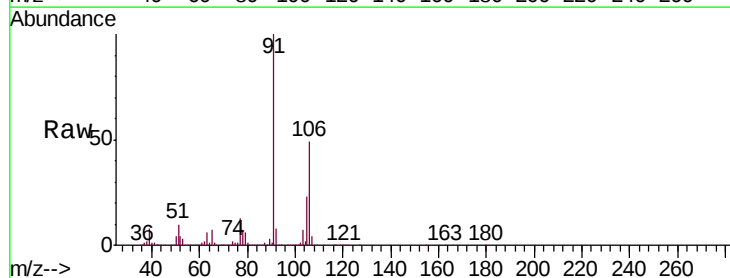
Acq: 12 Nov 2019 09:02

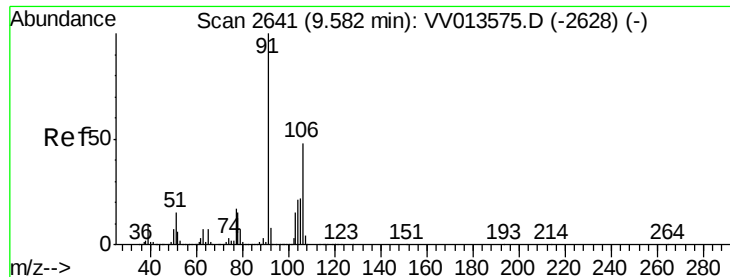
Tgt Ion: 106 Resp: 293893

Ion Ratio Lower Upper

106 100

91 204.0 142.0 263.6





#54

o-xylene

Concen: 5.291 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV013583.D

Acq: 12 Nov 2019 09:02

Instrument :

MSVOA_V

ClientSampleId :

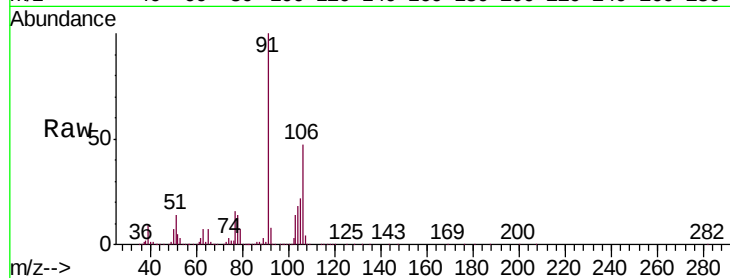
VSTD00555

Tgt Ion:106 Resp: 276082

Ion Ratio Lower Upper

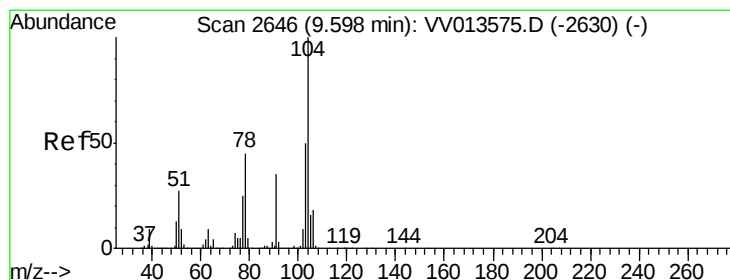
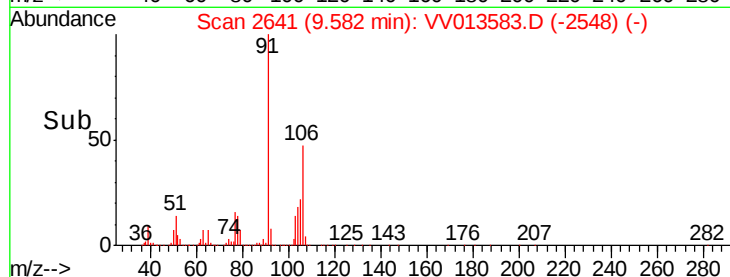
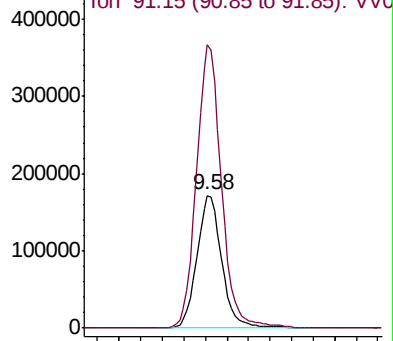
106 100

91 212.9 150.8 280.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 5.488 ug/L

RT: 9.60 min Scan# 2646

Delta R.T. -0.00 min

Lab File: VV013583.D

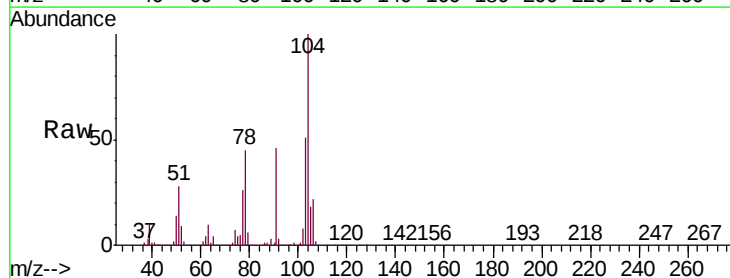
Acq: 12 Nov 2019 09:02

Tgt Ion:104 Resp: 485542

Ion Ratio Lower Upper

104 100

78 45.0 30.8 57.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

