

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070820\
 Data File : VV017387.D
 Acq On : 08 Jul 2020 10:25
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Quant Time: Jul 09 01:16:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 09 01:14:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	308373	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154499	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15268	7.48	ug/L	0.00
7) Chloroethane-d5	1.58	69	10779	8.63	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	34881	9.57	ug/L	0.00
21) 2-Butanone-d5	3.92	46	17461	11.73	ug/L	0.02
24) Chloroform-d	4.38	84	34673	8.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	23386	8.03	ug/L	0.00
32) Benzene-d6	5.08	84	60704	7.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	18023	7.26	ug/L	0.00
41) Toluene-d8	7.34	98	56831	7.58	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	9325	7.01	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	12104	11.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	24670	7.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	24824	7.90	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	34720	13.359 ug/L	99
3) Chloromethane	1.25	50	25375	11.358 ug/L	95
5) Vinyl chloride	1.32	62	25245	11.496 ug/L	100
6) Bromomethane	1.53	94	12189	12.635 ug/L	97
8) Chloroethane	1.60	64	13256	12.182 ug/L	98
9) Trichlorofluoromethane	1.77	101	46673	13.390 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	21601	12.624 ug/L	98
12) 1,1-Dichloroethene	2.14	96	18832	11.938 ug/L	87
13) Acetone	2.19	43	31700	27.701 ug/L	98
14) Carbon disulfide	2.31	76	57624	10.426 ug/L	98
15) Methyl Acetate	2.45	43	19784	8.679 ug/L	96
16) Methylene chloride	2.52	84	23455	10.637 ug/L	94
17) trans-1,2-Dichloroethene	2.78	96	19920	9.637 ug/L	97
18) Methyl tert-butyl Ether	2.78	73	69407	10.169 ug/L	99
19) 1,1-Dichloroethane	3.21	63	39750	10.324 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	21863	9.759 ug/L	97
22) 2-Butanone	4.00	43	27171	16.953 ug/L	# 71
23) Bromochloromethane	4.28	128	12416	10.407 ug/L	94
25) Chloroform	4.41	83	43717	10.843 ug/L	97
27) 1,2-Dichloroethane	5.16	62	37951	11.113 ug/L	98
29) Cyclohexane	4.71	56	32029	8.999 ug/L	97
30) 1,1,1-Trichloroethane	4.64	97	43267	11.287 ug/L	# 73
31) Carbon tetrachloride	4.86	117	38831	11.594 ug/L	98
33) Benzene	5.13	78	82435	9.621 ug/L	100
34) Trichloroethene	5.94	95	24324	10.415 ug/L	99
35) Methylcyclohexane	6.15	83	33579	9.212 ug/L	96
37) 1,2-Dichloropropane	6.20	63	20719	9.414 ug/L	98
38) Bromodichloromethane	6.53	83	32616	10.756 ug/L	94
39) cis-1,3-Dichloropropene	7.05	75	31330	8.987 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	53747	17.411 ug/L	97

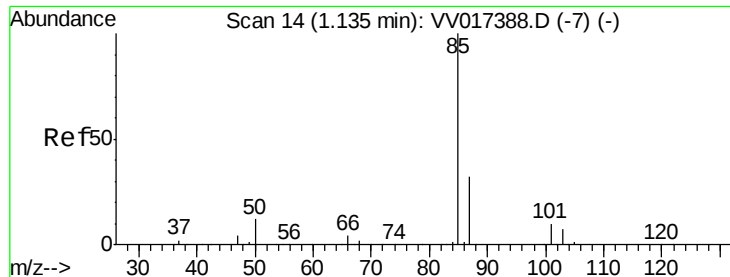
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070820\
 Data File : VV017387.D
 Acq On : 08 Jul 2020 10:25
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Quant Time: Jul 09 01:16:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 09 01:14:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	89203	9.770	ug/L	96
44) trans-1,3-Dichloropropene	7.68	75	32847	9.611	ug/L	95
45) 1,1,2-Trichloroethane	7.86	97	21645	10.012	ug/L	97
46) Tetrachloroethene	8.00	164	20070	10.784	ug/L	98
48) 2-Hexanone	8.16	43	43452	17.904	ug/L	98
49) Dibromochloromethane	8.27	129	26319	11.037	ug/L	98
50) 1,2-Dibromoethane	8.38	107	23672	10.376	ug/L	93
51) Chlorobenzene	8.90	112	62379	10.406	ug/L	97
52) Ethylbenzene	9.04	91	101100	9.971	ug/L	99
53) m,p-Xylene	9.16	106	38983	10.298	ug/L	99
54) o-xylene	9.57	106	36248	9.717	ug/L	97
55) Styrene	9.58	104	62078	9.816	ug/L	99
56) Isopropylbenzene	9.95	105	98782	9.818	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	32330	9.822	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	28008	10.078	ug/L	100
61) Bromoform	9.75	173	18795	11.573	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	50354	10.380	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	51127	10.396	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	50968	10.539	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	8181	10.634	ug/L	83
67) 1,3,5-Trichlorobenzene	12.67	180	37939	10.413	ug/L	95
68) 1,2,4-trichlorobenzene	13.29	180	30352	9.169	ug/L	99
69) Naphthalene	13.53	128	80215	8.469	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	31738	9.700	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 13.359 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

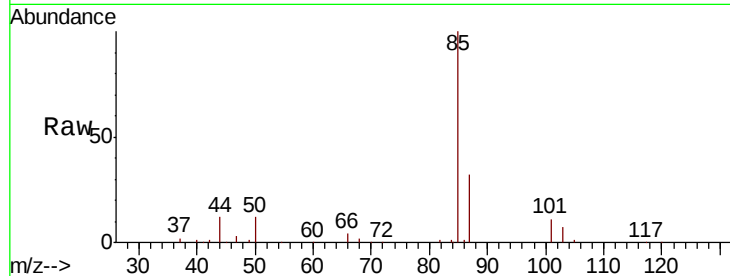
VSTD01065

Tot Ion: 85 Resp: 34720

Ion Ratio Lower Upper

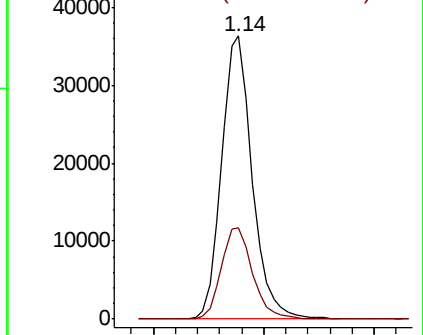
85 100

87 33.2 25.9 38.9

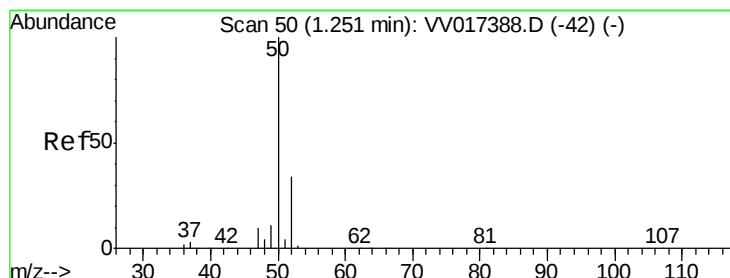
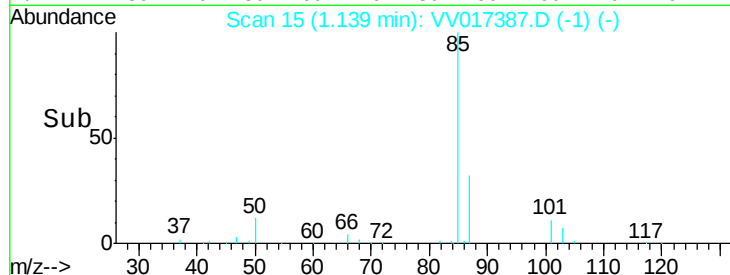


Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



Time-->



#3

Chloromethane

Concen: 11.358 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV017387.D

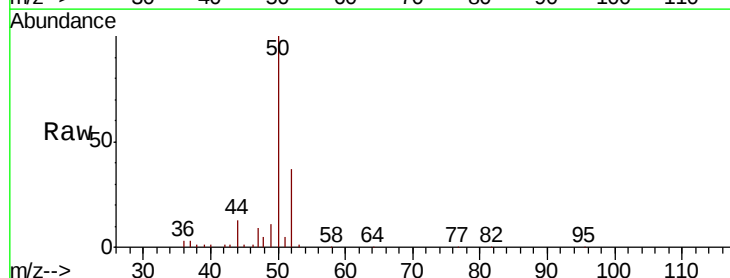
Acq: 08 Jul 2020 10:25

Tgt Ion: 50 Resp: 25375

Ion Ratio Lower Upper

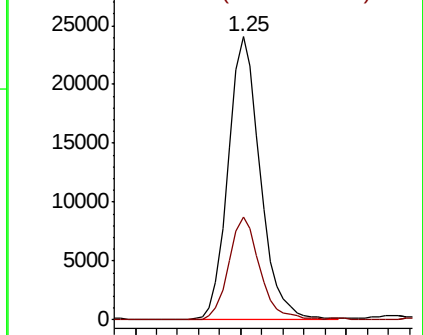
50 100

52 36.6 23.4 43.6

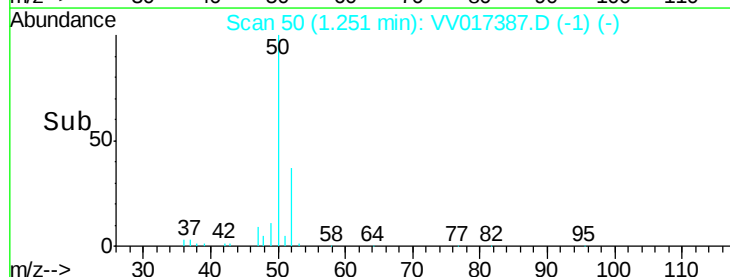


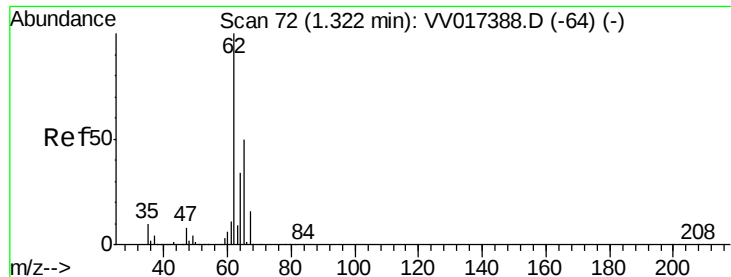
Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0



Time-->





#5

Vinyl chloride

Concen: 11.496 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampled :

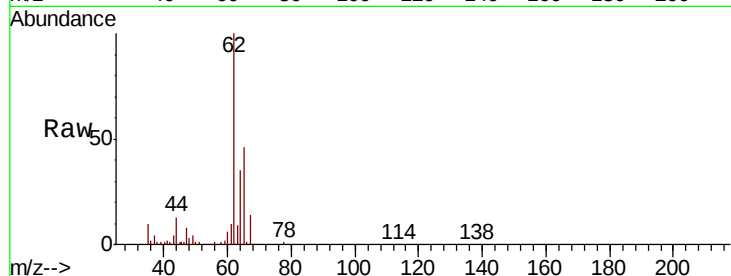
VSTD01065

Tot Ion: 62 Resp: 25245

Ion Ratio Lower Upper

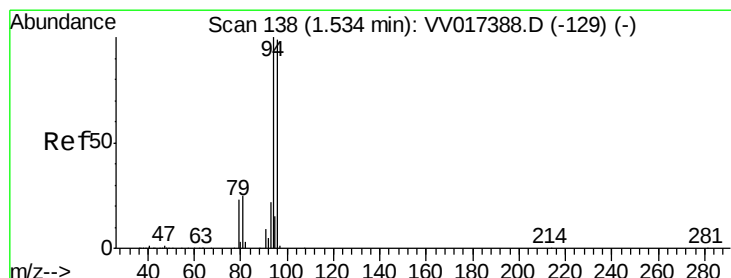
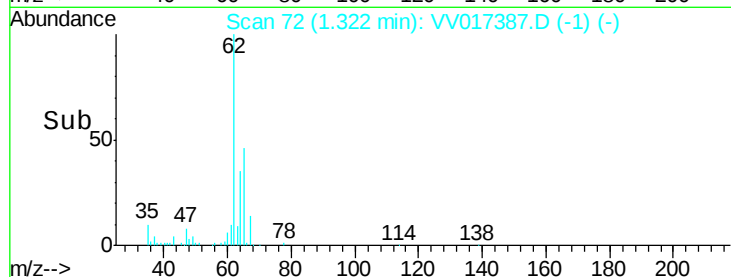
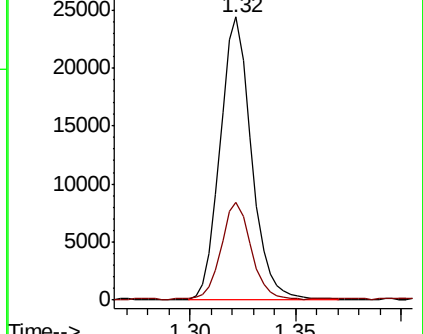
62 100

64 34.6 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 12.635 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV017387.D

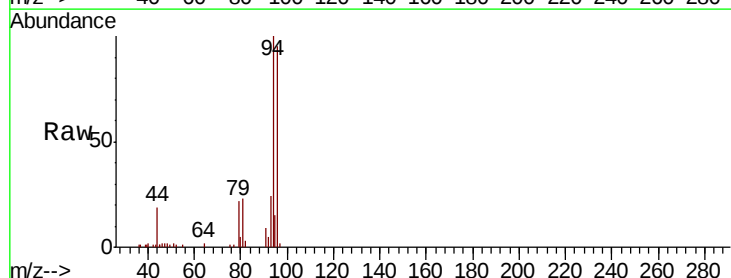
Acq: 08 Jul 2020 10:25

Tgt Ion: 94 Resp: 12189

Ion Ratio Lower Upper

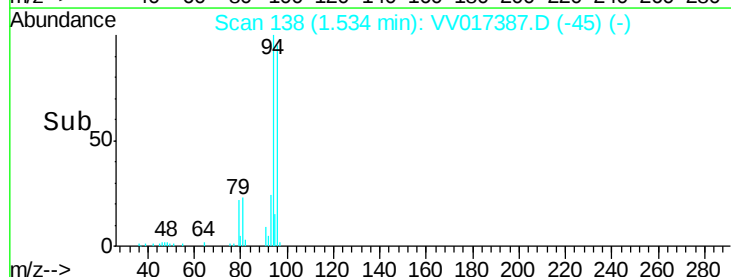
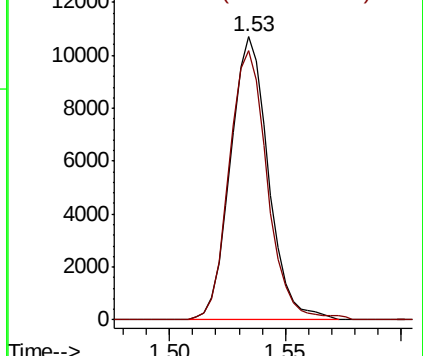
94 100

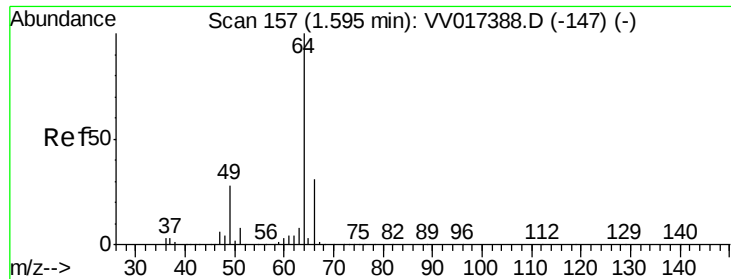
96 95.2 69.0 128.1



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

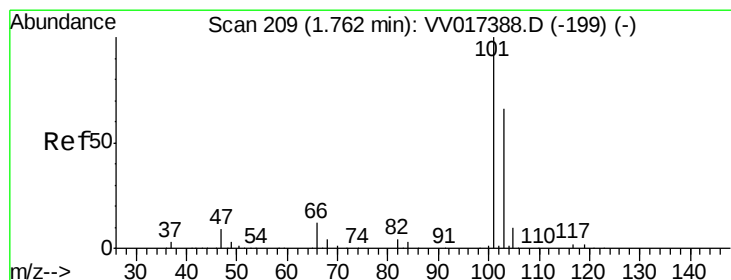
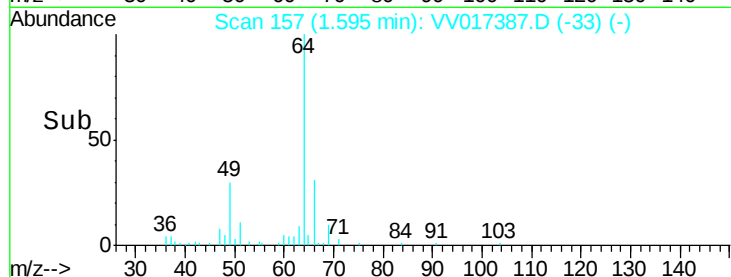
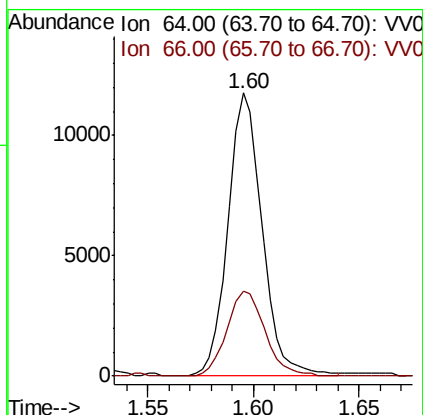
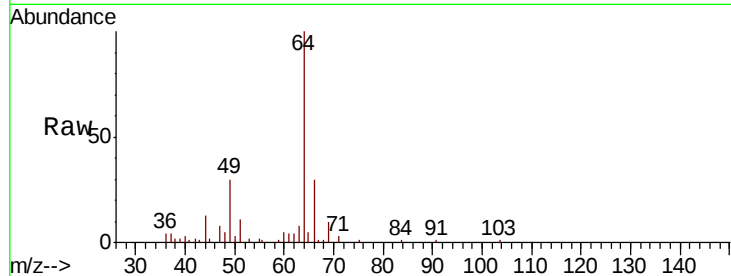




#8
Chloroethane
Concen: 12.182 ug/L
RT: 1.60 min Scan# 157
Delta R.T. -0.00 min
Lab File: VV017387.D
Acq: 08 Jul 2020 10:25

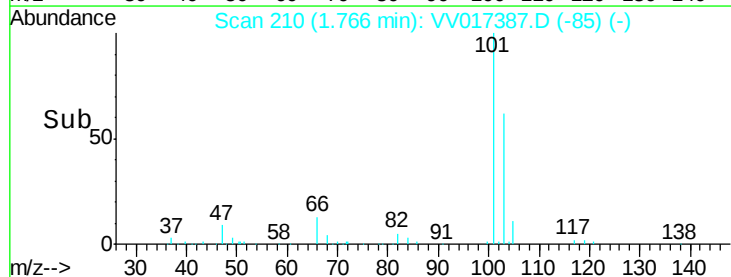
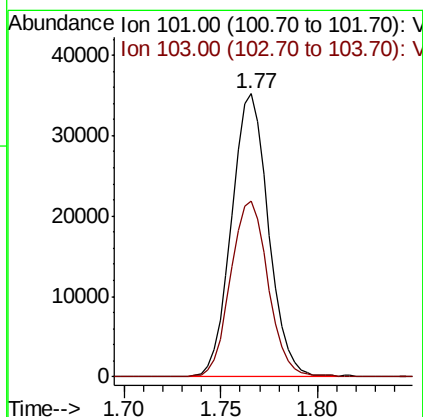
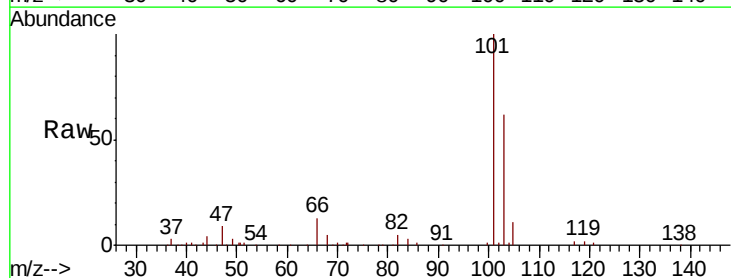
Instrument :
MSVOA_V
ClientSampled :
VSTD01065

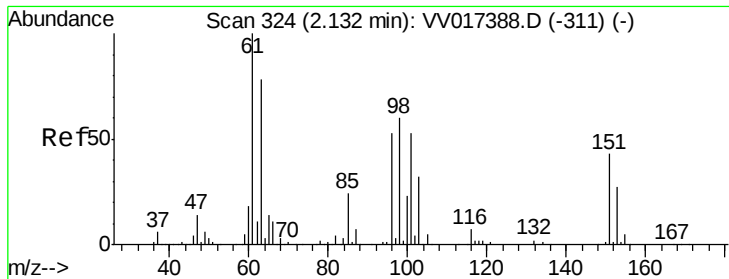
Tot Ion: 64 Resp: 13256
Ion Ratio Lower Upper
64 100
66 30.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 13.390 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV017387.D
Acq: 08 Jul 2020 10:25

Tgt Ion:101 Resp: 46673
Ion Ratio Lower Upper
101 100
103 63.0 51.9 77.9





#10

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

Concen: 12.624 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

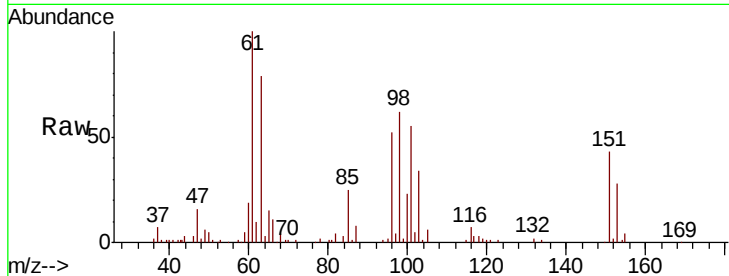
Tot Ion:101 Resp: 21601

Ion Ratio Lower Upper

101 100

85 45.8 36.2 54.4

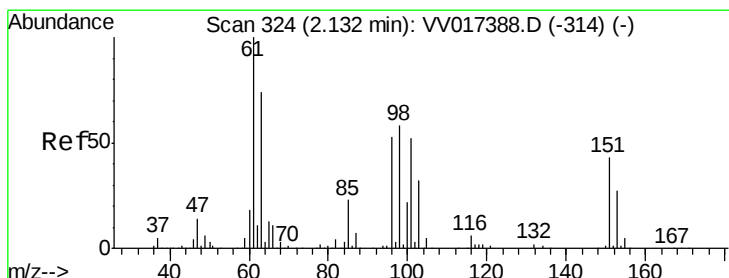
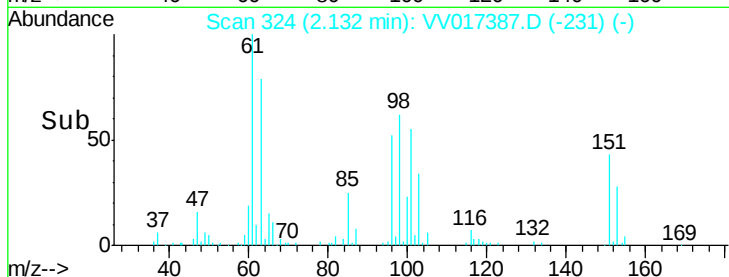
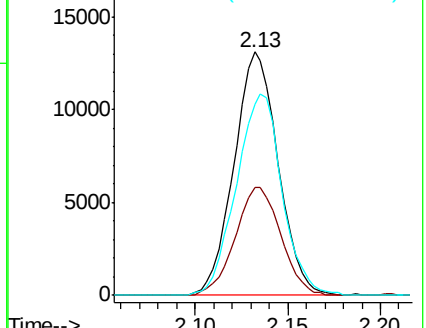
151 85.9 66.8 100.2



Abundance Ion 101.00 (100.70 to 101.70): VV017388.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV017388.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV017388.D (-311) (-)



#12

1,1-Dichloroethene

Concen: 11.938 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

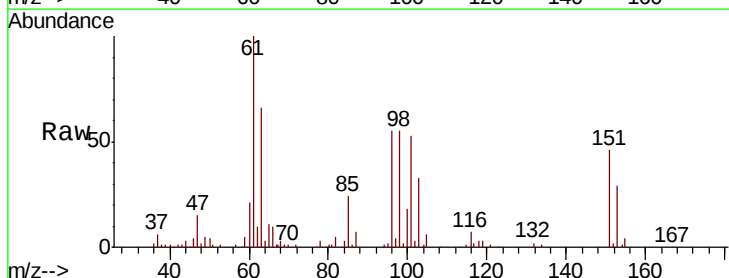
Tgt Ion: 96 Resp: 18832

Ion Ratio Lower Upper

96 100

61 181.2 132.7 246.4

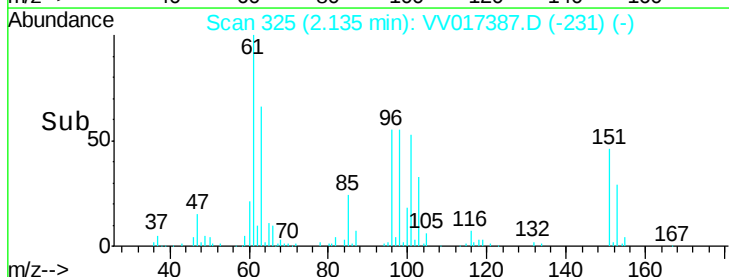
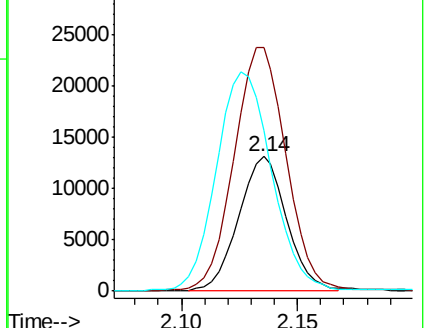
63 119.7 103.3 191.8

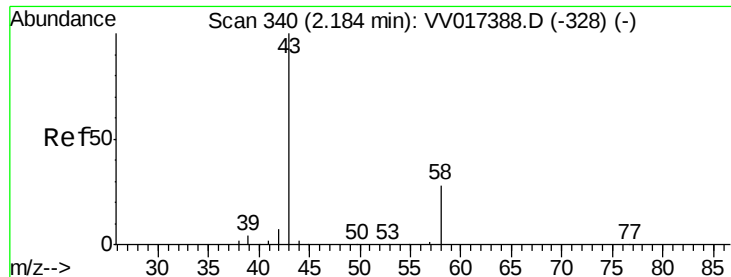


Abundance Ion 96.00 (95.70 to 96.70): VV017387.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV017387.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV017387.D (-231) (-)





#13

Acetone

Concen: 27.701 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

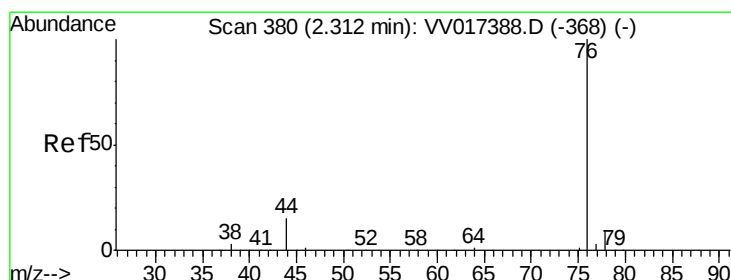
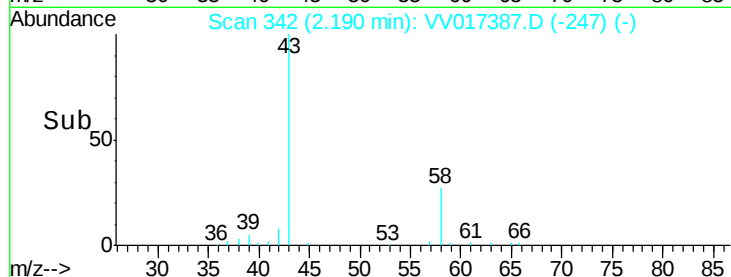
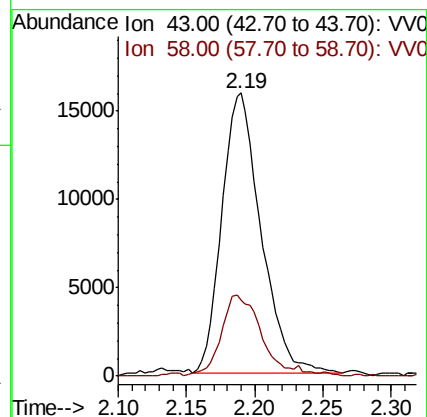
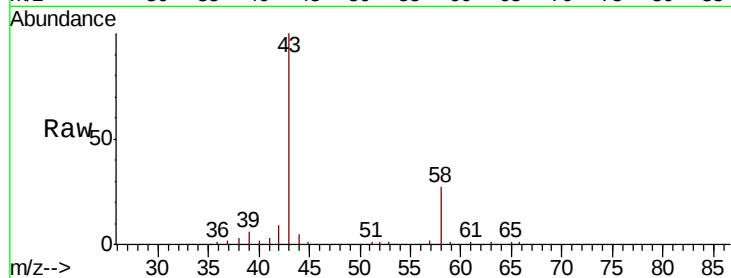
VSTD01065

Tot Ion: 43 Resp: 31700

Ion Ratio Lower Upper

43 100

58 28.9 0.0 56.0



#14

Carbon disulfide

Concen: 10.426 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.00 min

Lab File: VV017387.D

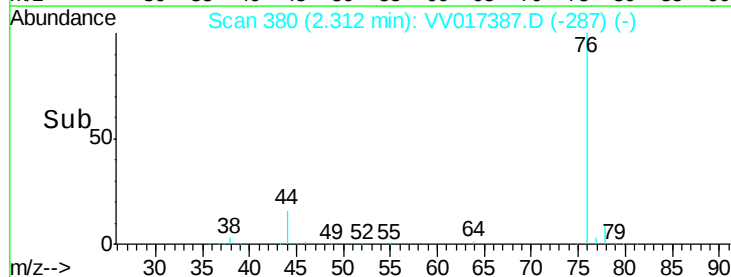
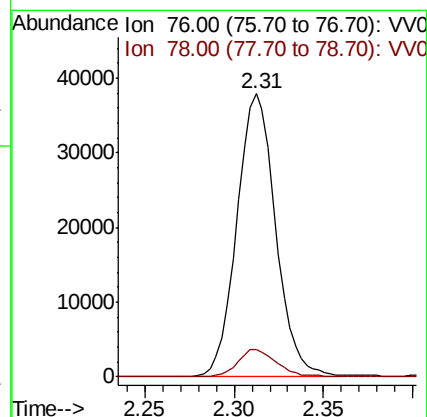
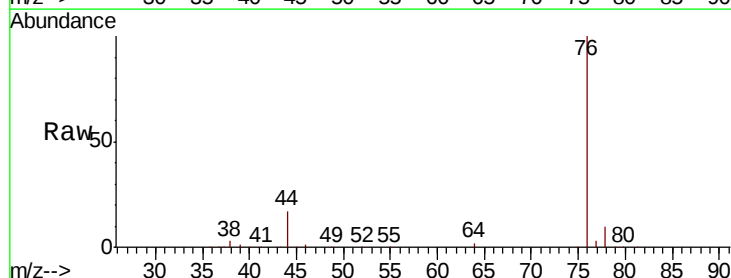
Acq: 08 Jul 2020 10:25

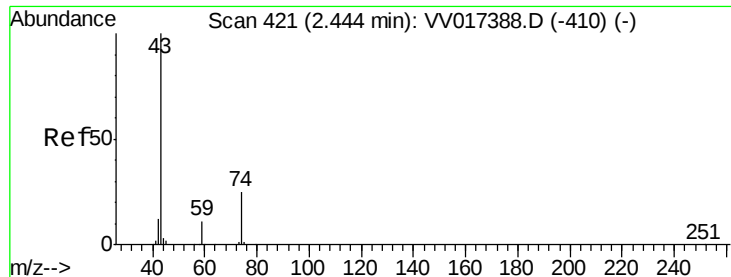
Tgt Ion: 76 Resp: 57624

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.2

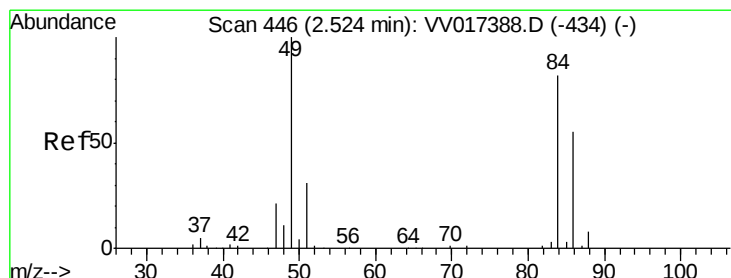
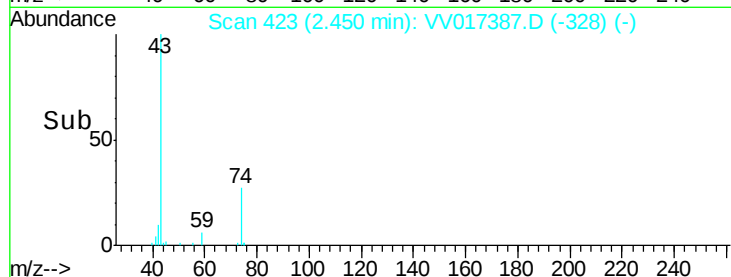
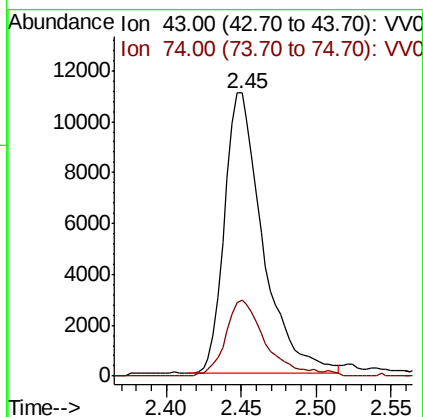
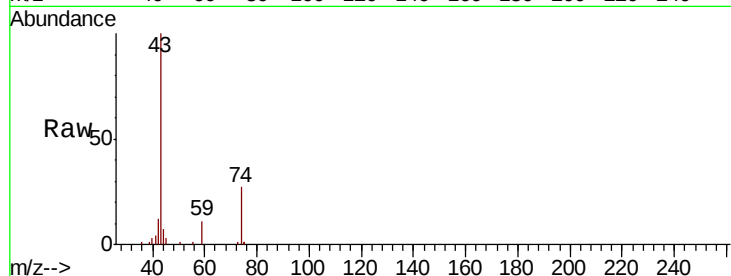




#15
Methvl Acetate
Concen: 8.679 ug/L
RT: 2.45 min Scan# 423
Delta R.T. 0.01 min
Lab File: VV017387.D
Acq: 08 Jul 2020 10:25

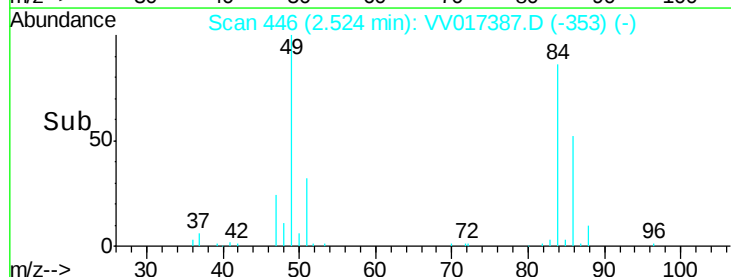
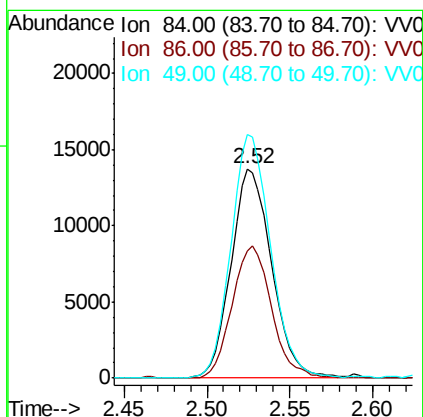
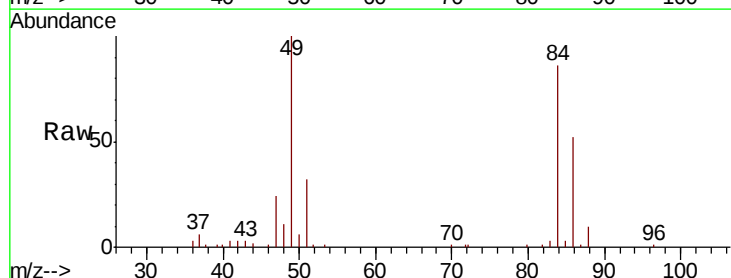
Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

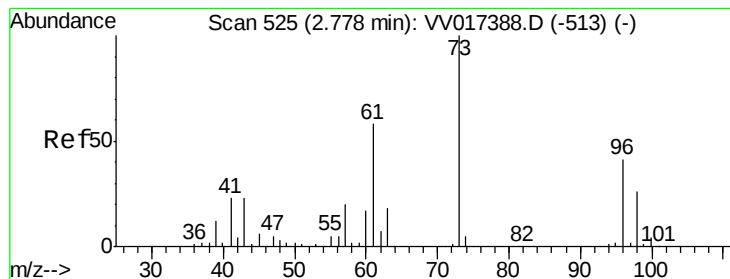
Tot Ion: 43 Resp: 19784
Ion Ratio Lower Upper
43 100
74 27.2 20.2 30.4



#16
Methylene chloride
Concen: 10.637 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV017387.D
Acq: 08 Jul 2020 10:25

Tgt Ion: 84 Resp: 23455
Ion Ratio Lower Upper
84 100
86 61.0 46.5 86.5
49 116.5 85.3 158.5





#17

trans-1,2-Dichloroethene

Concen: 9.637 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

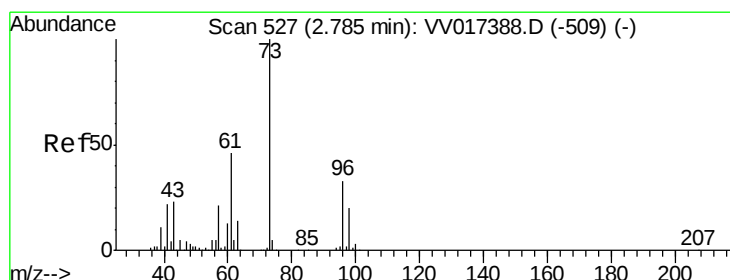
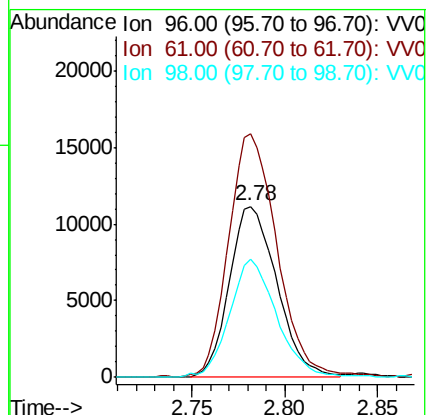
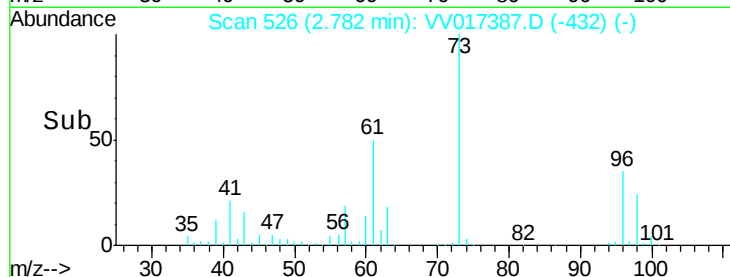
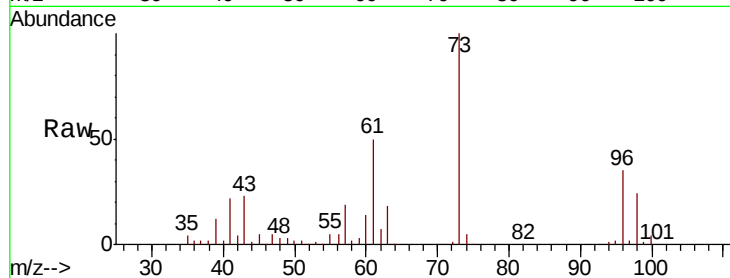
Tot Ion: 96 Resp: 19920

Ion Ratio Lower Upper

96 100

61 142.4 99.0 184.0

98 68.8 44.4 82.5



#18

Methyl tert-butyl Ether

Concen: 10.169 ug/L

RT: 2.78 min Scan# 527

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

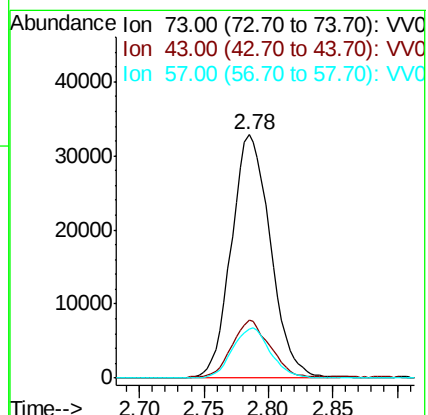
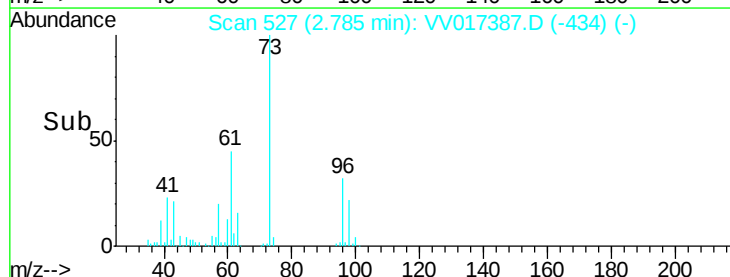
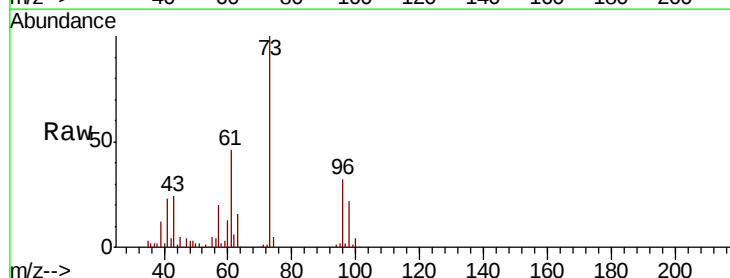
Tgt Ion: 73 Resp: 69407

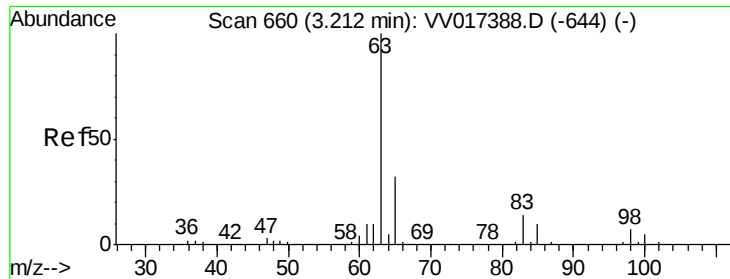
Ion Ratio Lower Upper

73 100

43 23.4 18.2 27.2

57 20.0 16.2 24.4

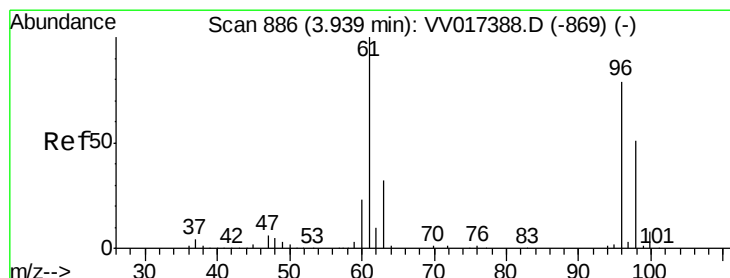
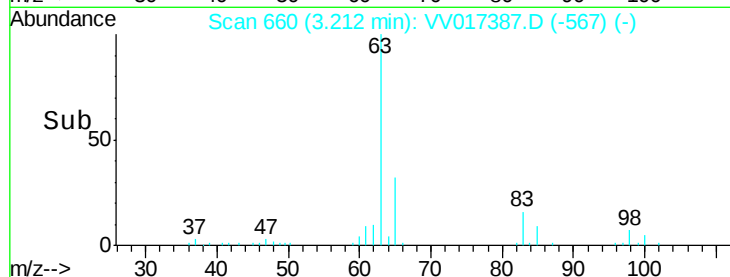
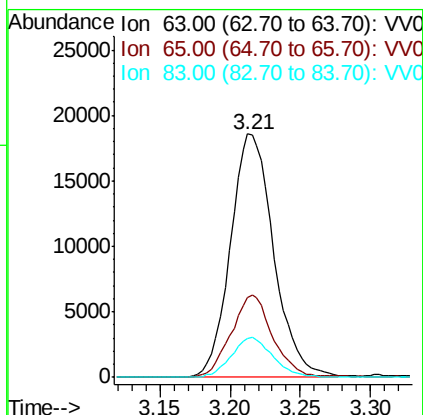
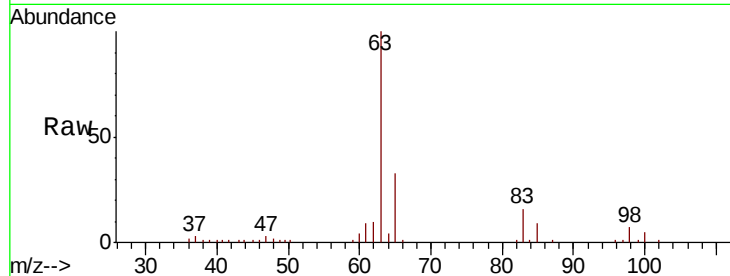




#19
 1,1-Dichloroethane
 Concen: 10.324 ug/L
 RT: 3.21 min Scan# 660
 Delta R.T. -0.00 min
 Lab File: VV017387.D
 Acq: 08 Jul 2020 10:25

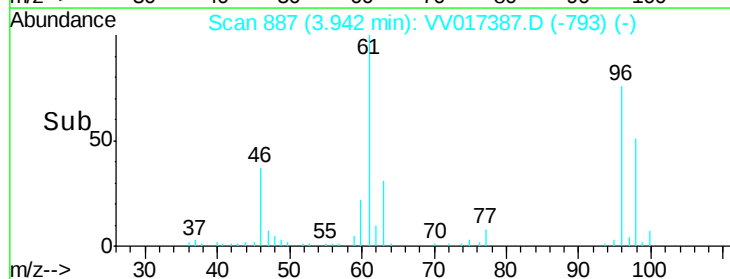
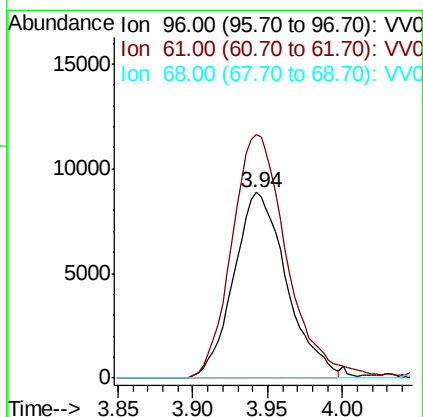
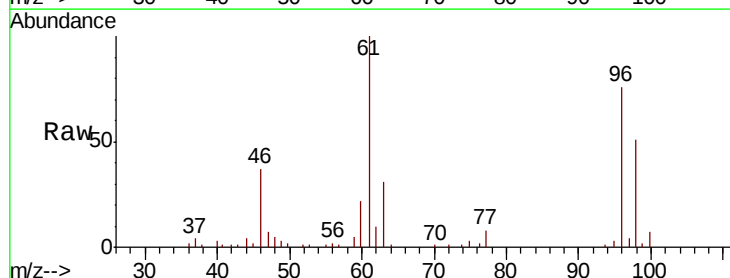
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

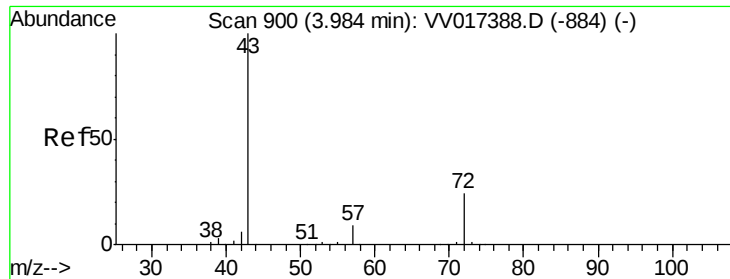
Tot Ion: 63 Resp: 39750
 Ion Ratio Lower Upper
 63 100
 65 32.7 22.1 41.1
 83 16.1 10.1 18.9



#20
 cis-1,2-Dichloroethene
 Concen: 9.759 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.00 min
 Lab File: VV017387.D
 Acq: 08 Jul 2020 10:25

Tgt Ion: 96 Resp: 21863
 Ion Ratio Lower Upper
 96 100
 61 131.0 88.9 165.1
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 16.953 ug/L

RT: 4.00 min Scan# 905

Delta R.T. 0.02 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

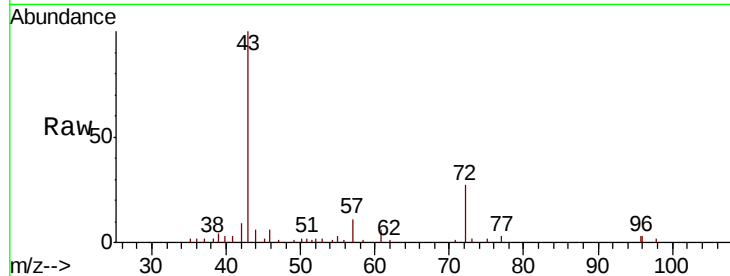
VSTD01065

Tot Ion: 43 Resp: 27171

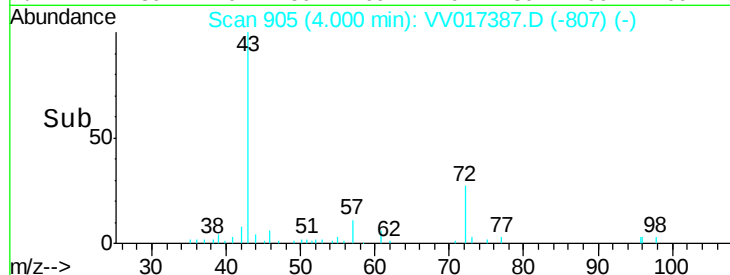
Ion Ratio Lower Upper

43 100

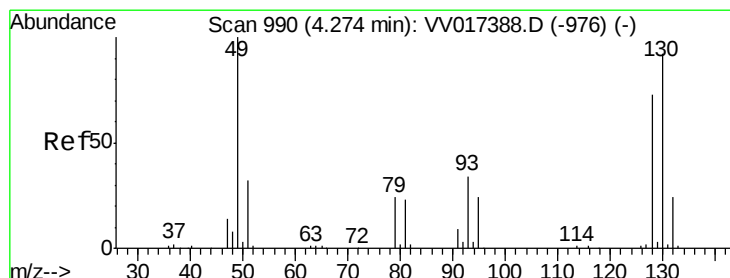
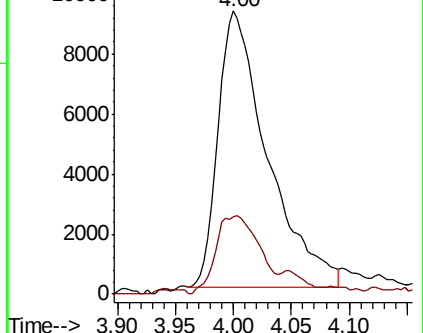
72 9.3 11.9 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VV017387.D (-807) (-)



Ion 72.00 (71.70 to 72.70): VV017387.D (-807) (-)



#23

Bromochloromethane

Concen: 10.407 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Tgt Ion: 128 Resp: 12416

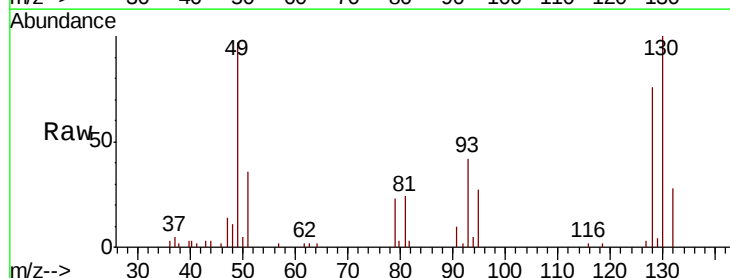
Ion Ratio Lower Upper

128 100

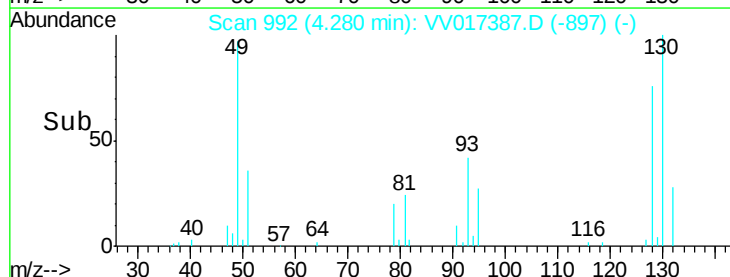
49 127.4 96.7 179.5

130 131.5 88.3 164.1

51 47.6 36.1 54.1



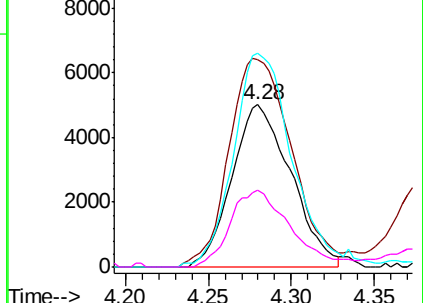
Abundance Ion 128.00 (127.70 to 128.70): VV017387.D (-897) (-)

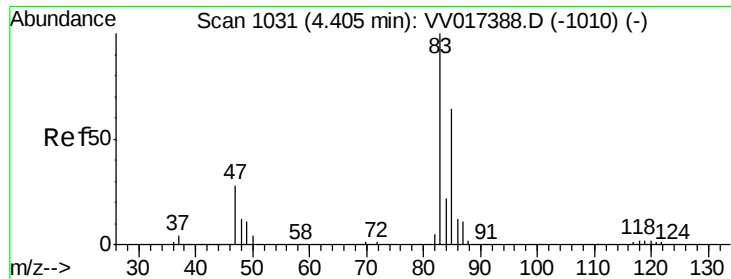


Ion 49.00 (48.70 to 49.70): VV017387.D (-897) (-)

Ion 130.00 (129.70 to 130.70): VV017387.D (-897) (-)

Ion 51.00 (50.70 to 51.70): VV017387.D (-897) (-)

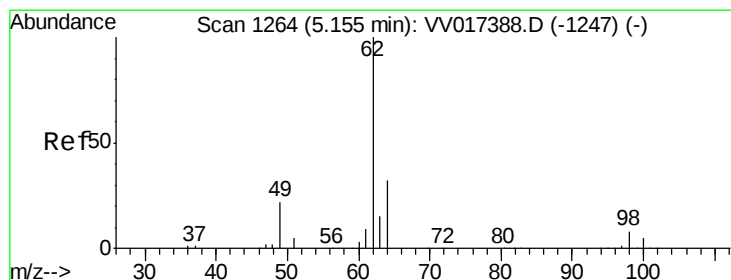
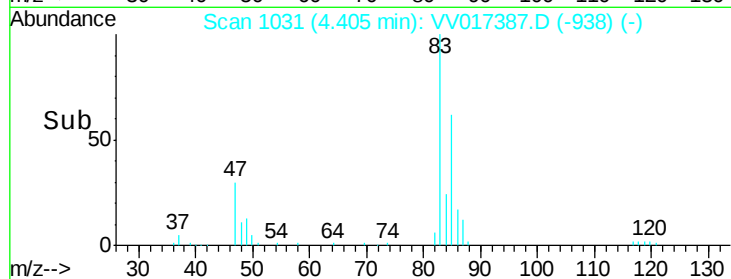
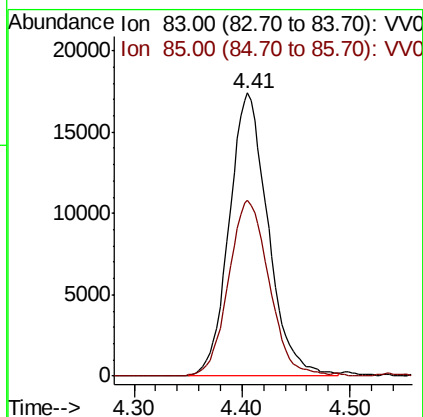
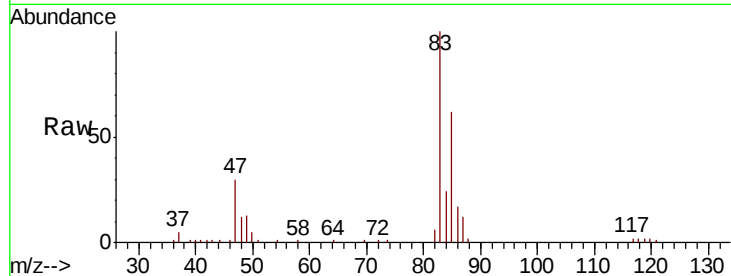




#25
Chloroform
Concen: 10.843 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV017387.D
Acq: 08 Jul 2020 10:25

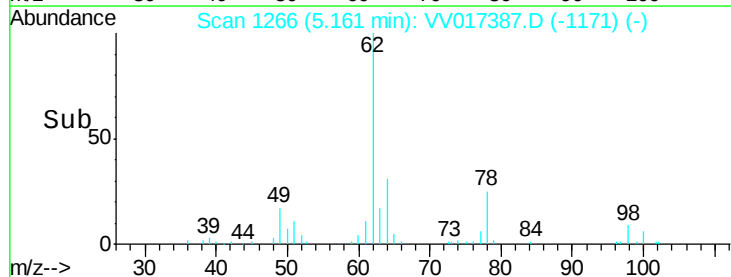
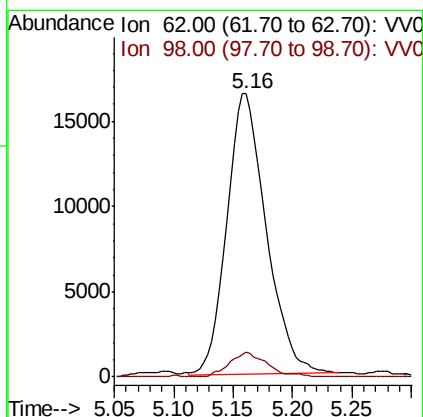
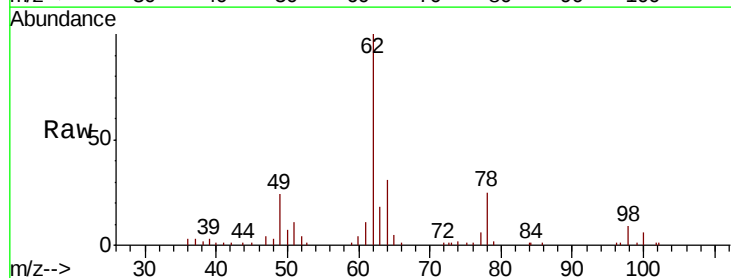
Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

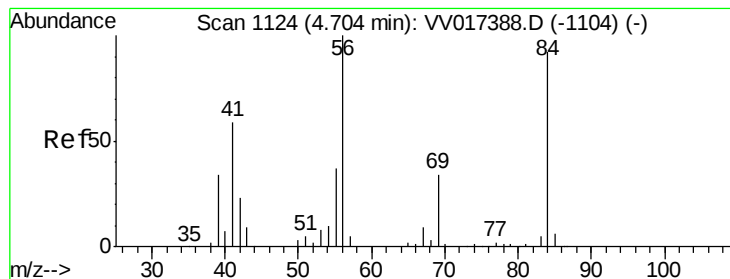
Tot Ion: 83 Resp: 43717
Ion Ratio Lower Upper
83 100
85 62.3 45.1 83.9



#27
1,2-Dichloroethane
Concen: 11.113 ug/L
RT: 5.16 min Scan# 1266
Delta R.T. 0.01 min
Lab File: VV017387.D
Acq: 08 Jul 2020 10:25

Tgt Ion: 62 Resp: 37951
Ion Ratio Lower Upper
62 100
98 8.6 6.4 9.6





#29

Cyclohexane

Concen: 8.999 ug/L

RT: 4.71 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

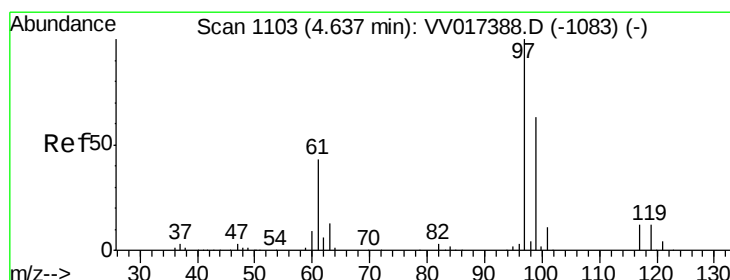
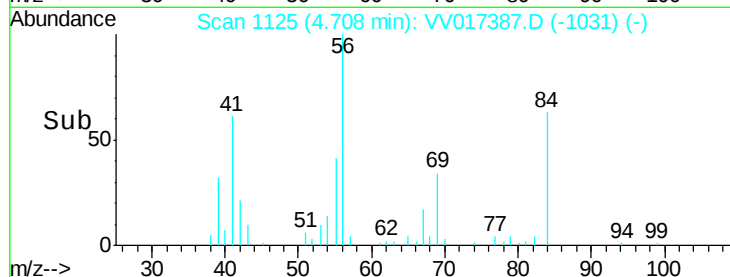
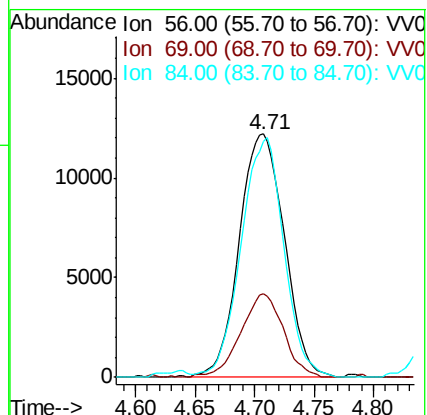
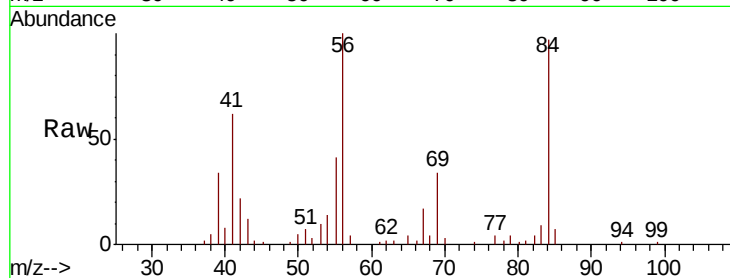
Tot Ion: 56 Resp: 32029

Ion Ratio Lower Upper

56 100

69 32.4 27.0 40.4

84 93.5 77.4 116.0



#30

1,1,1-Trichloroethane

Concen: 11.287 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

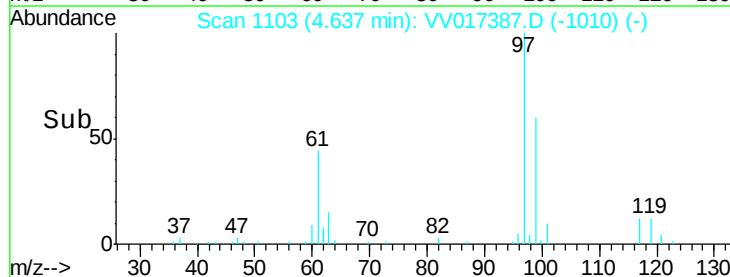
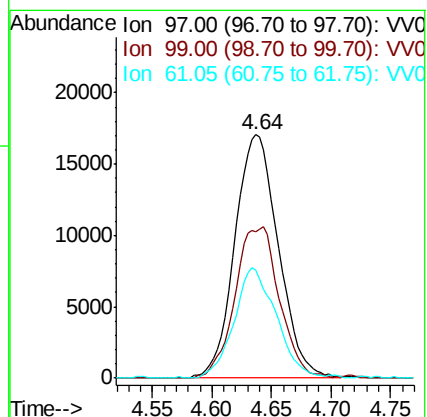
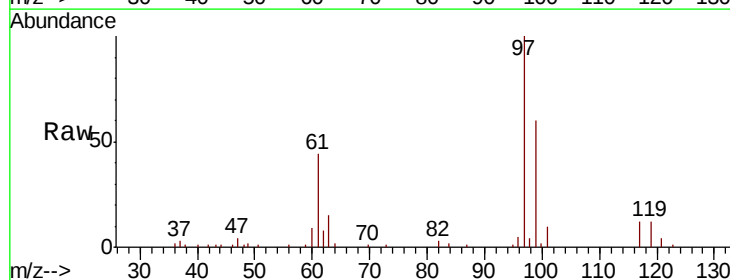
Tgt Ion: 97 Resp: 43267

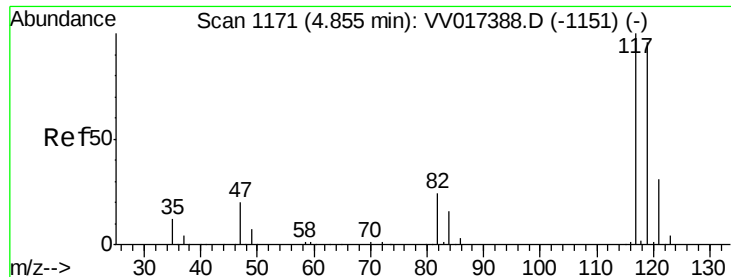
Ion Ratio Lower Upper

97 100

99 30.2 51.3 76.9#

61 43.9 34.1 51.1





#31

Carbon tetrachloride

Concen: 11.594 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

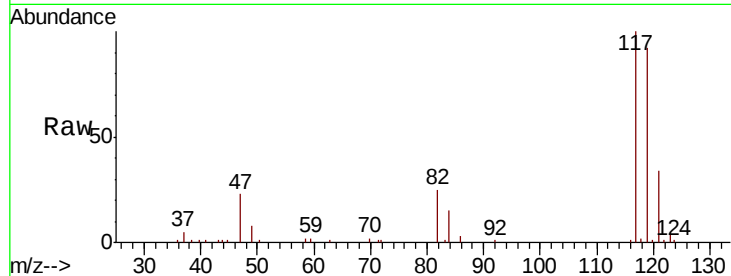
VSTD01065

Tot Ion:117 Resp: 38831

Ion Ratio Lower Upper

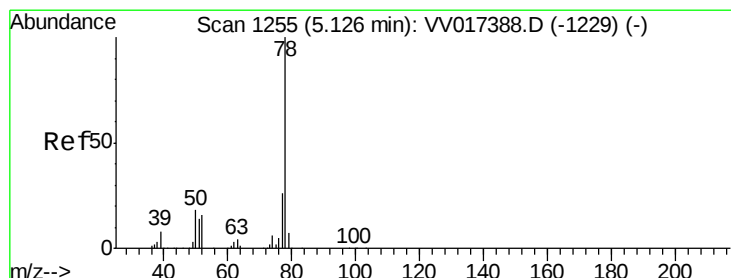
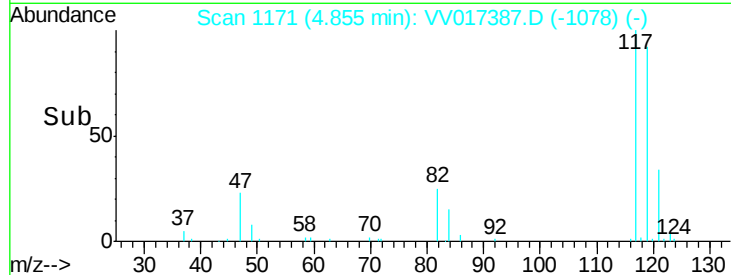
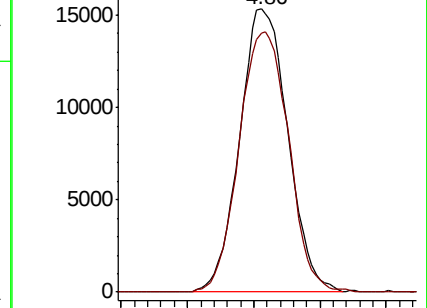
117 100

119 94.4 77.4 116.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 9.621 ug/L

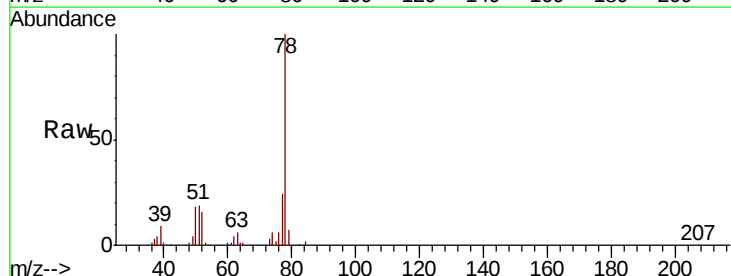
RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

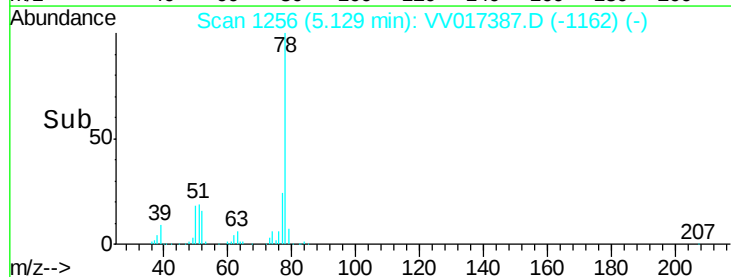
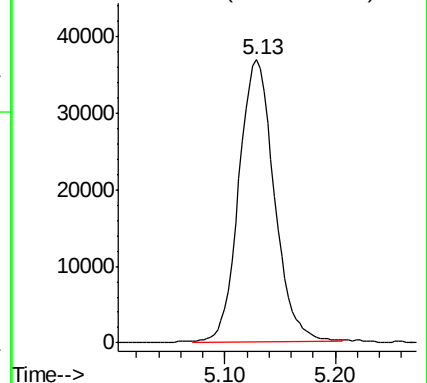
Lab File: VV017387.D

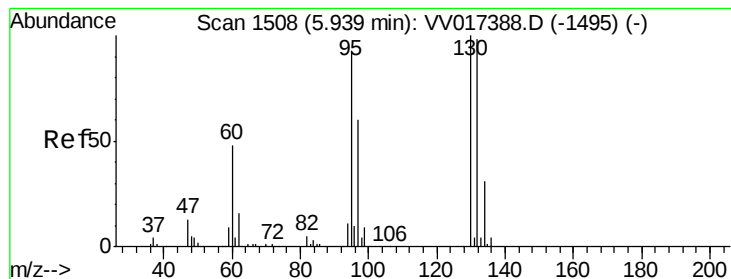
Acq: 08 Jul 2020 10:25

Tgt Ion: 78 Resp: 82435



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 10.415 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

Tot Ion: 95 Resp: 24324

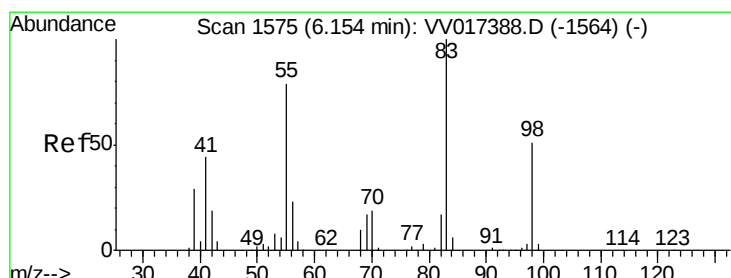
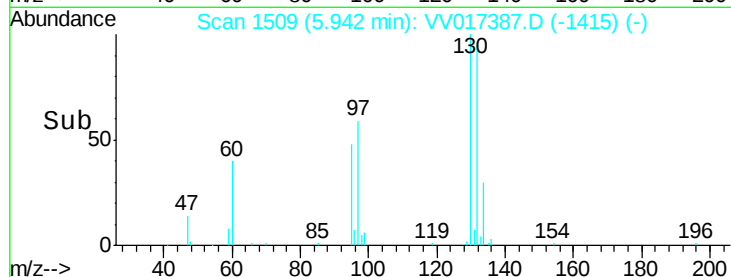
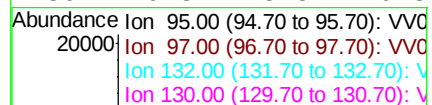
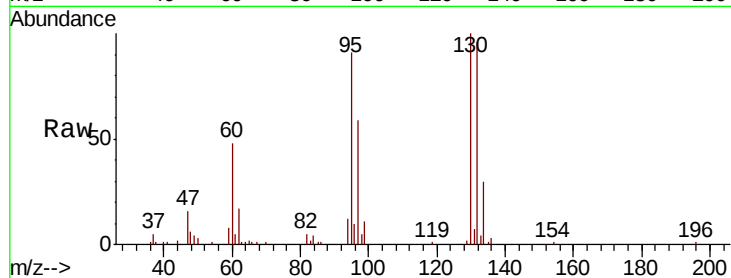
Ion Ratio Lower Upper

95 100

97 64.6 45.6 84.6

132 106.3 74.1 137.5

130 110.3 75.5 140.3



#35

Methylcyclohexane

Concen: 9.212 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

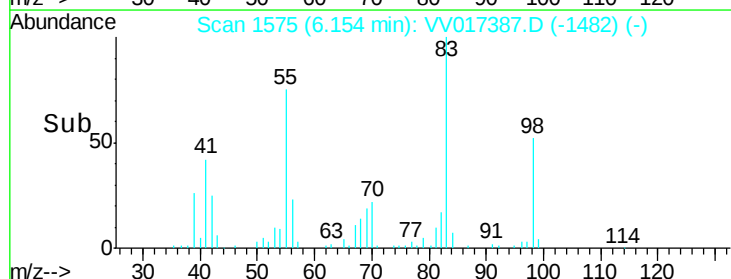
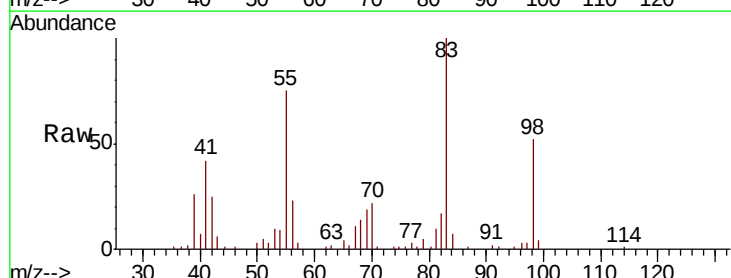
Tgt Ion: 83 Resp: 33579

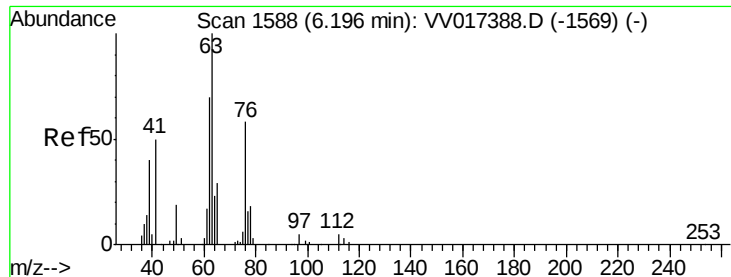
Ion Ratio Lower Upper

83 100

55 80.0 61.0 91.6

98 53.5 41.3 61.9





#37

1,2-Dichloropropane

Concen: 9.414 ug/L

RT: 6.20 min Scan# 1589

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

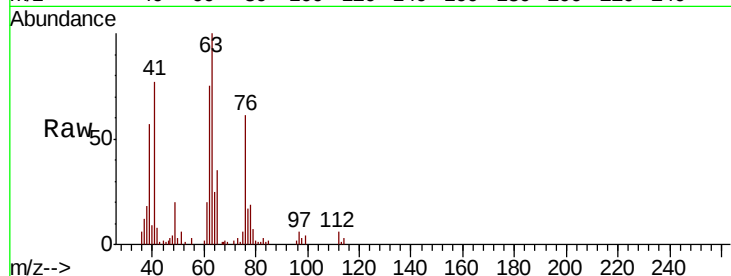
VSTD01065

Tot Ion: 63 Resp: 20719

Ion Ratio Lower Upper

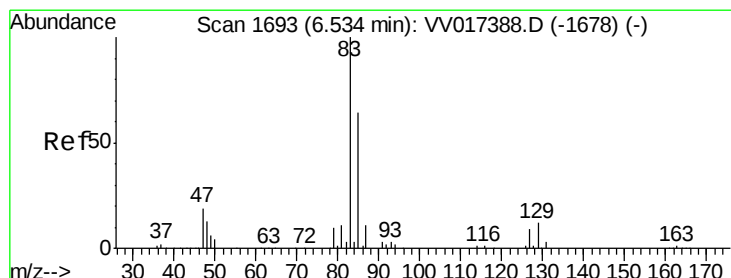
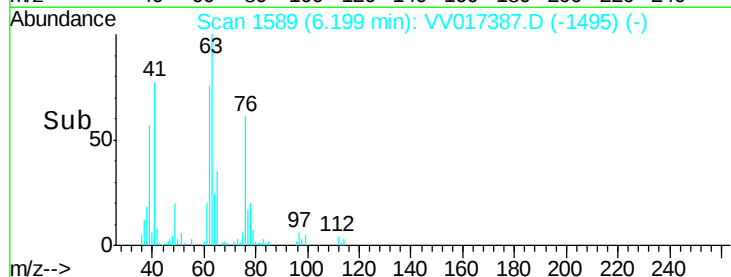
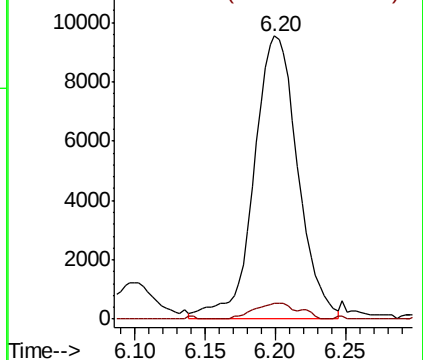
63 100

112 4.9 4.4 6.6



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



#38

Bromodichloromethane

Concen: 10.756 ug/L

RT: 6.53 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

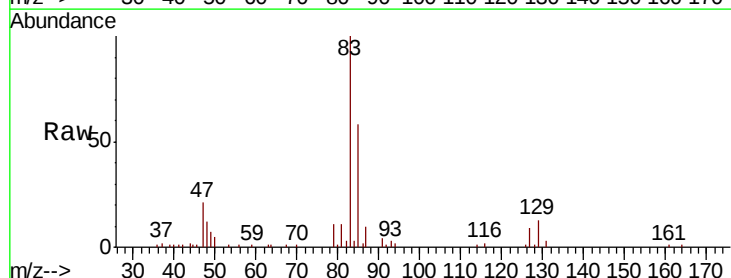
Tgt Ion: 83 Resp: 32616

Ion Ratio Lower Upper

83 100

85 58.3 44.6 82.8

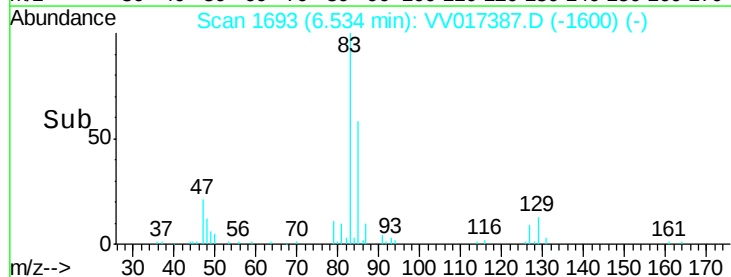
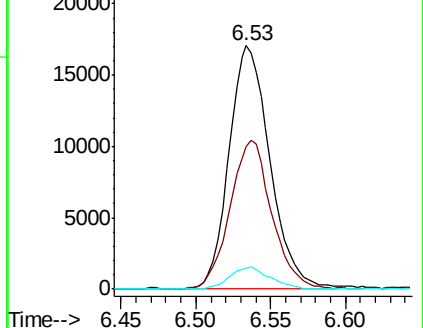
127 8.6 7.4 11.2

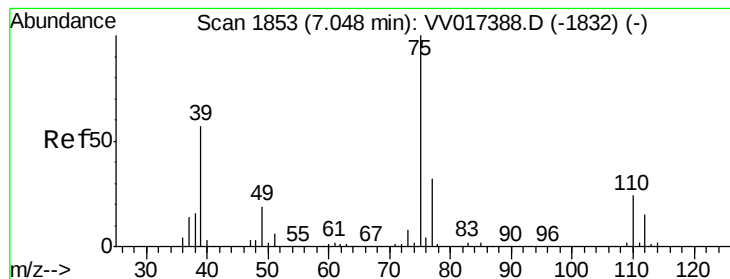


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 127.00 (126.70 to 127.70): V



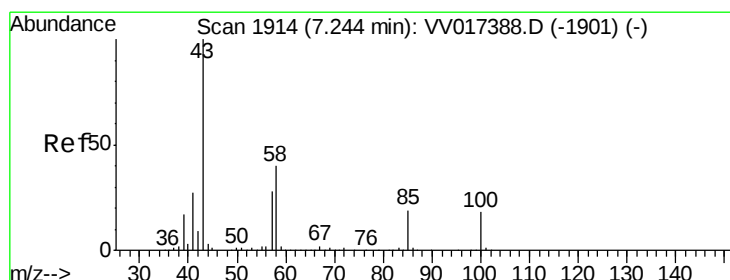
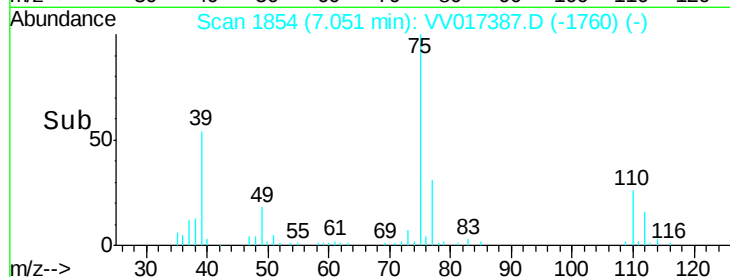
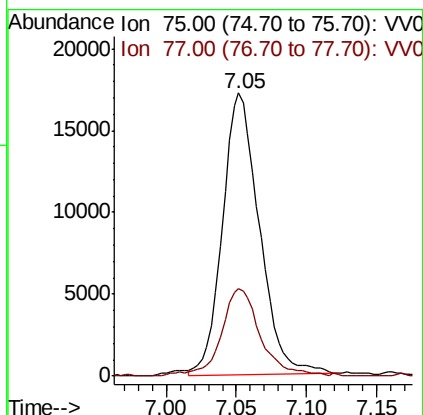
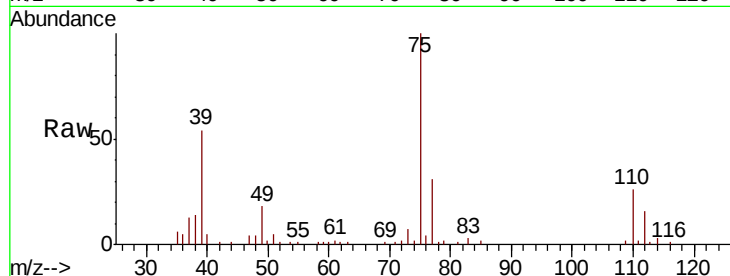


#39

cis-1,3-Dichloropropene
 Concen: 8.987 ug/L
 RT: 7.05 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VV017387.D
 Acq: 08 Jul 2020 10:25

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

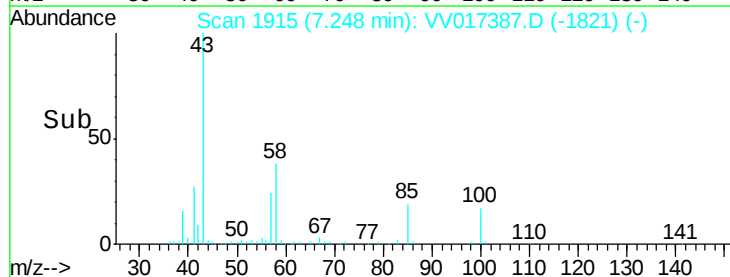
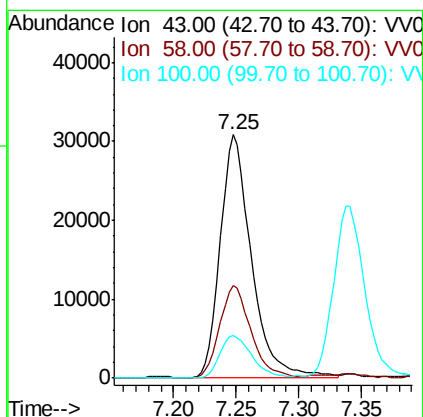
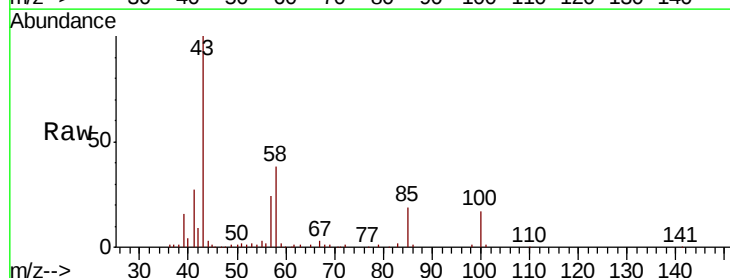
Tot Ion: 75 Resp: 31330
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.2 41.2

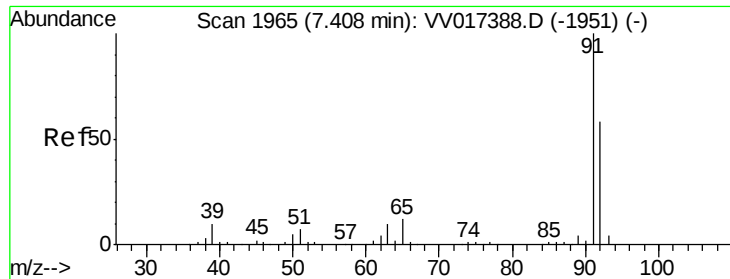


#40

4-Methyl-2-pentanone
 Concen: 17.411 ug/L
 RT: 7.25 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VV017387.D
 Acq: 08 Jul 2020 10:25

Tgt Ion: 43 Resp: 53747
 Ion Ratio Lower Upper
 43 100
 58 37.8 32.2 48.4
 100 17.7 14.1 21.1





#42

Toluene

Concen: 9.770 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

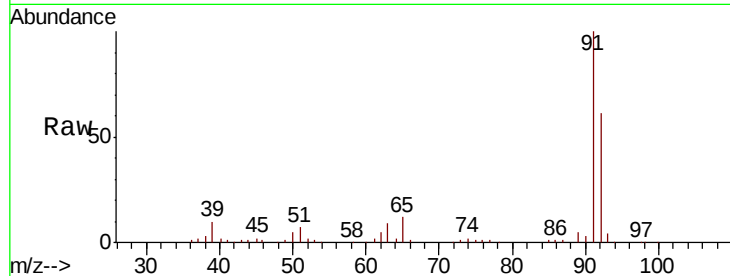
VSTD01065

Tot Ion: 91 Resp: 89203

Ion Ratio Lower Upper

91 100

92 61.0 40.8 75.8



Abundance Ion 91.00 (90.70 to 91.70): VV017388.D (-1951) (-)

Ion 92.00 (91.70 to 92.70): VV017388.D (-1951) (-)

60000

50000

40000

30000

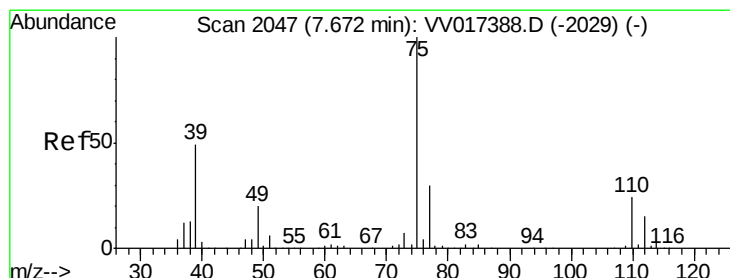
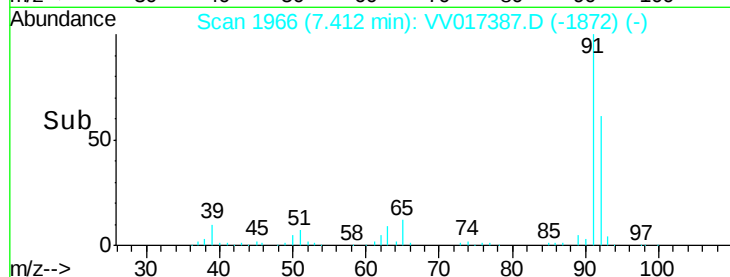
20000

10000

0

7.35 7.40 7.45 7.50

Time-->



#44

trans-1,3-Dichloropropene

Concen: 9.611 ug/L

RT: 7.68 min Scan# 2048

Delta R.T. 0.00 min

Lab File: VV017387.D

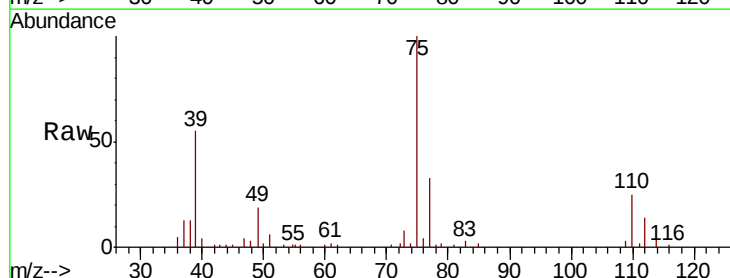
Acq: 08 Jul 2020 10:25

Tgt Ion: 75 Resp: 32847

Ion Ratio Lower Upper

75 100

77 33.3 21.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VV017388.D (-2029) (-)

Ion 77.00 (76.70 to 77.70): VV017388.D (-2029) (-)

20000

15000

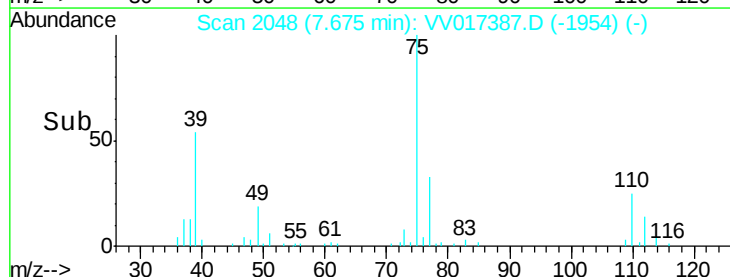
10000

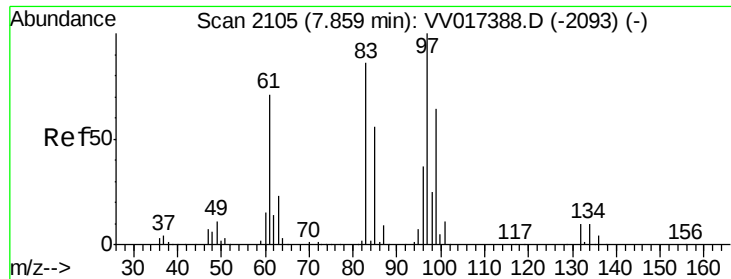
5000

0

7.60 7.65 7.70 7.75

Time-->

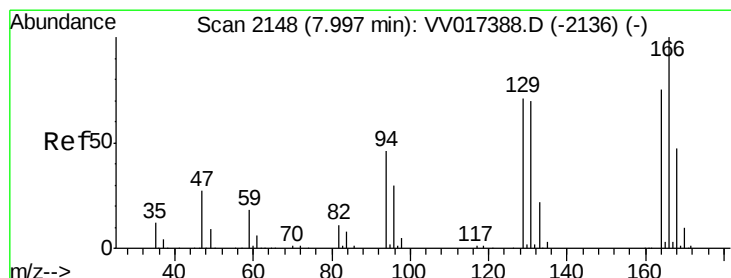
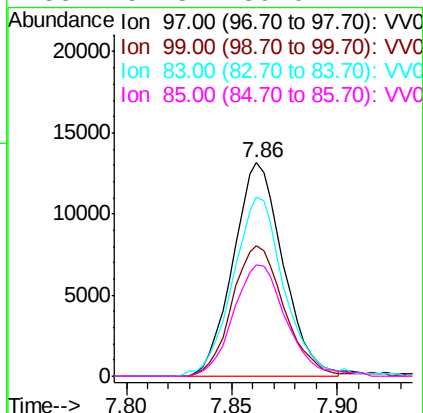
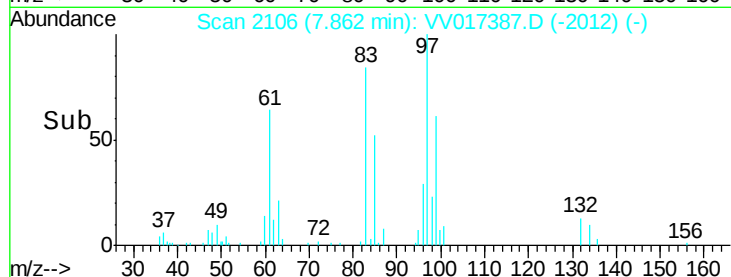
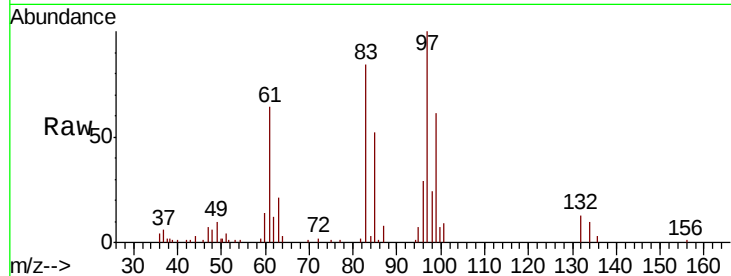




#45
 1,1,2-Trichloroethane
 Concen: 10.012 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VV017387.D
 Acq: 08 Jul 2020 10:25

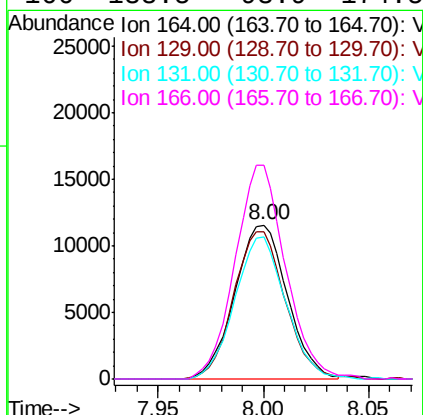
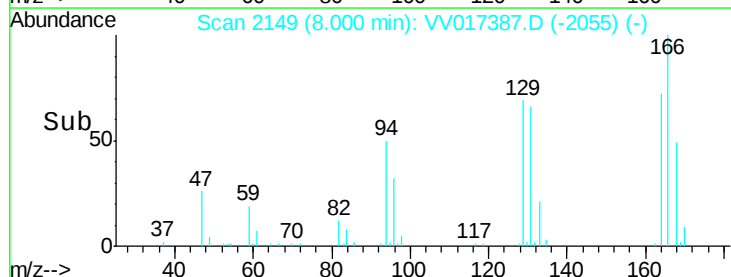
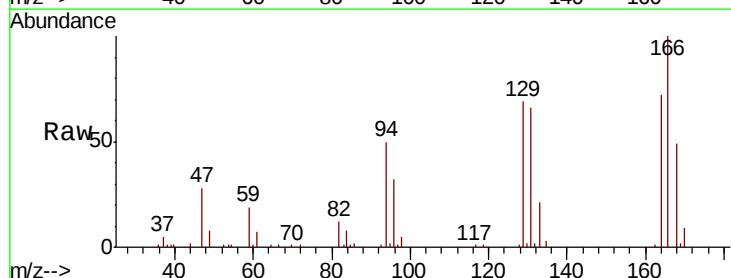
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

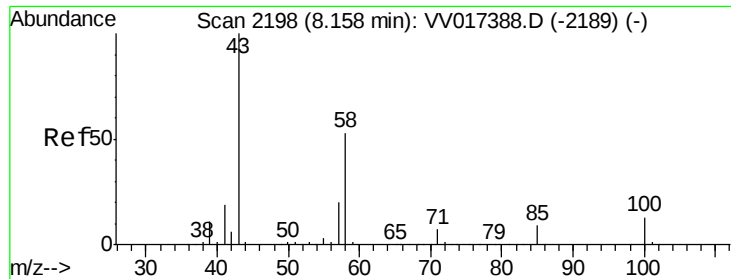
Tot Ion:	97	Resp:	21645
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.6	82.8
83	84.0	60.1	111.7
85	52.3	39.0	72.4



#46
 Tetrachloroethene
 Concen: 10.784 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV017387.D
 Acq: 08 Jul 2020 10:25

Tgt Ion:	164	Resp:	20070
Ion	Ratio	Lower	Upper
164	100		
129	95.2	66.6	123.8
131	91.9	65.5	121.7
166	138.5	93.9	174.5

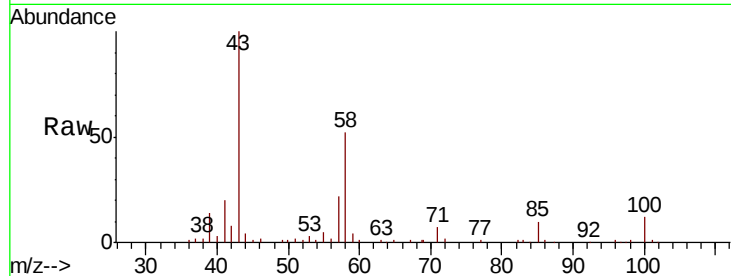




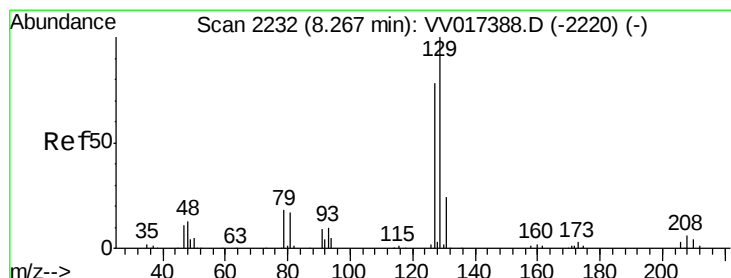
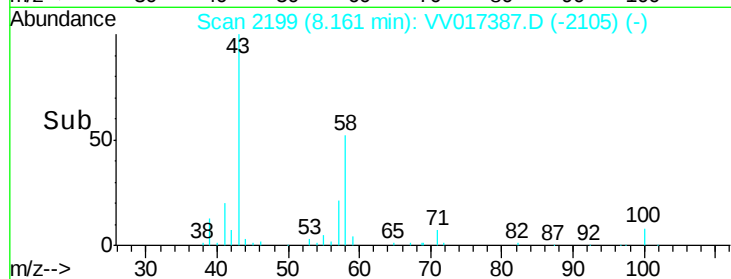
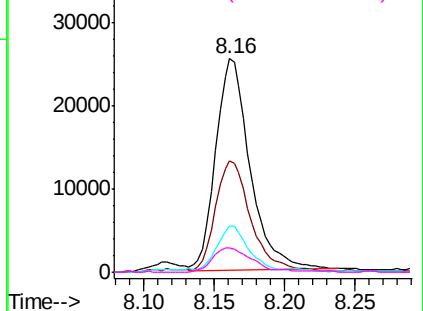
#48
2-Hexanone
Concen: 17.904 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV017387.D
Acq: 08 Jul 2020 10:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD01065

Tot Ion: 43 Resp: 43452
Ion Ratio Lower Upper
43 100
58 51.6 42.6 64.0
57 20.3 16.2 24.4
100 12.6 10.9 16.3

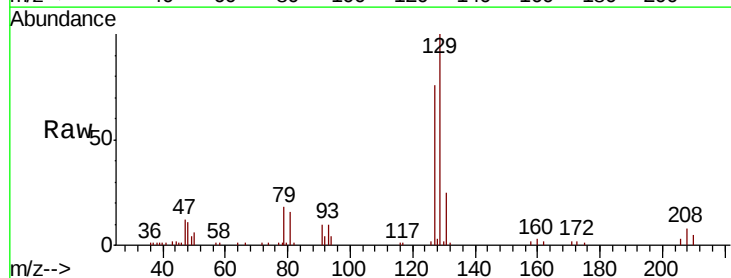


Abundance Ion 43.00 (42.70 to 43.70): VV017387.D (-2105) (-)
Ion 58.00 (57.70 to 58.70): VV017387.D (-2105) (-)
Ion 57.00 (56.70 to 57.70): VV017387.D (-2105) (-)
Ion 100.00 (99.70 to 100.70): VV017387.D (-2105) (-)

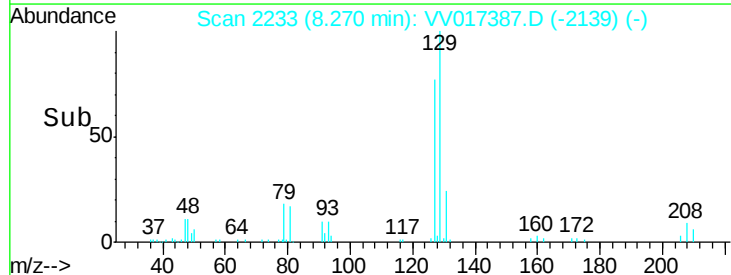
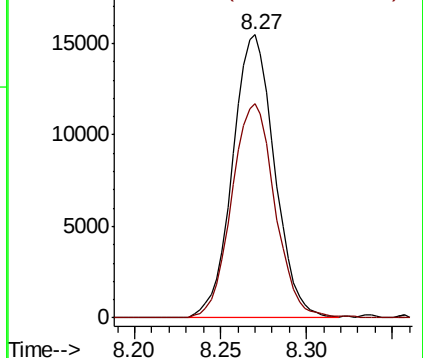


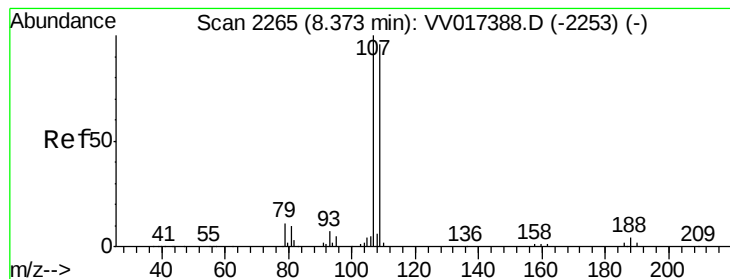
#49
Dibromochloromethane
Concen: 11.037 ug/L
RT: 8.27 min Scan# 2233
Delta R.T. 0.00 min
Lab File: VV017387.D
Acq: 08 Jul 2020 10:25

Tgt Ion: 129 Resp: 26319
Ion Ratio Lower Upper
129 100
127 75.9 54.6 101.4



Abundance Ion 129.00 (128.70 to 129.70): VV017387.D (-2139) (-)
Ion 127.00 (126.70 to 127.70): VV017387.D (-2139) (-)





#50

1,2-Dibromoethane

Concen: 10.376 ug/L

RT: 8.38 min Scan# 2266

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

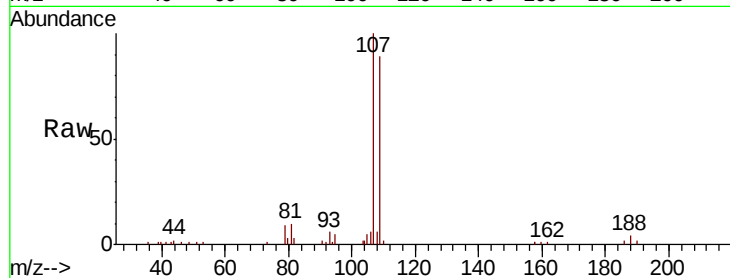
Tot Ion:107 Resp: 23672

Ion Ratio Lower Upper

107 100

109 88.6 67.3 125.1

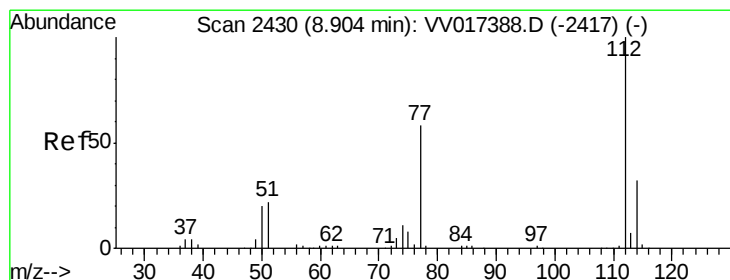
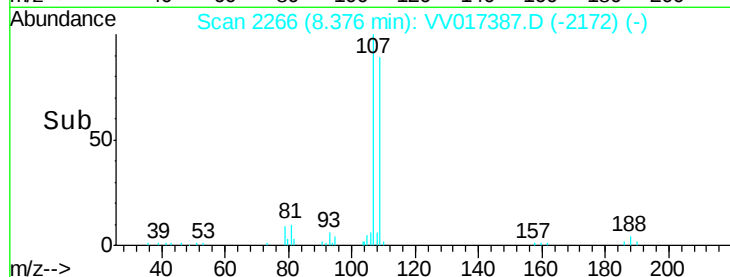
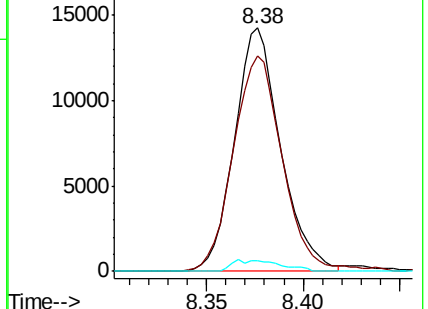
188 4.2 3.5 5.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#51

Chlorobenzene

Concen: 10.406 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

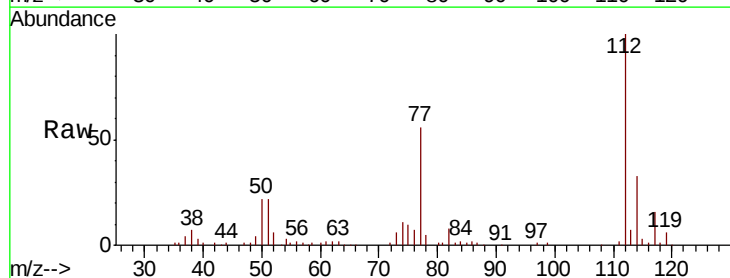
Tgt Ion:112 Resp: 62379

Ion Ratio Lower Upper

112 100

114 32.9 22.7 42.1

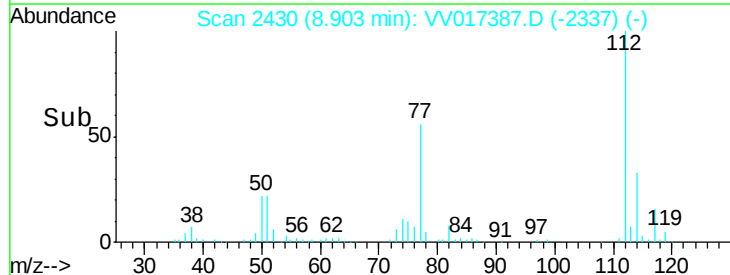
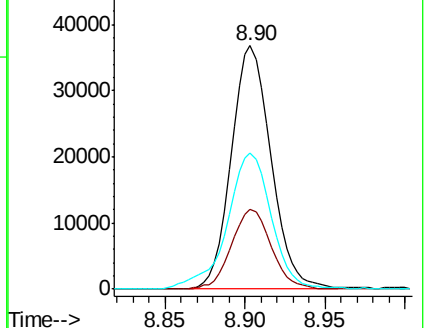
77 55.8 46.7 70.1

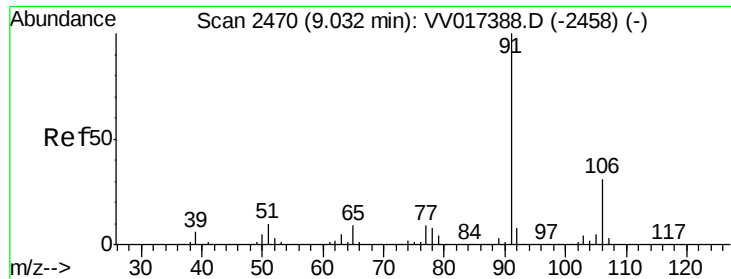


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VV0





#52

Ethylbenzene

Concen: 9.971 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

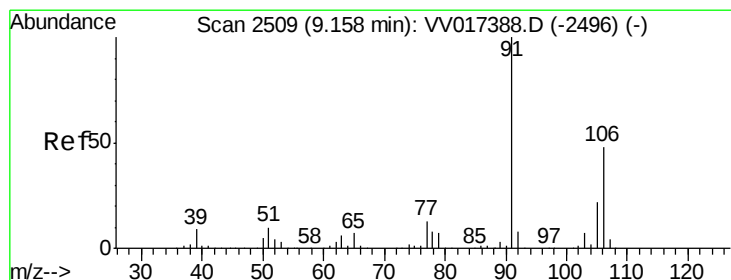
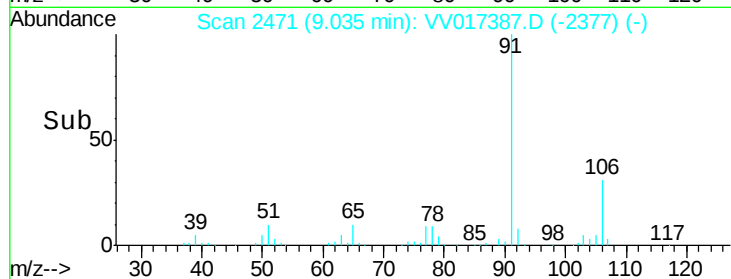
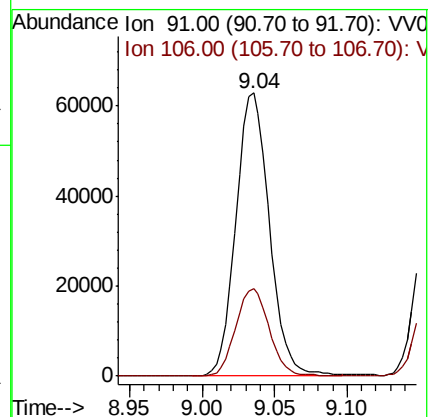
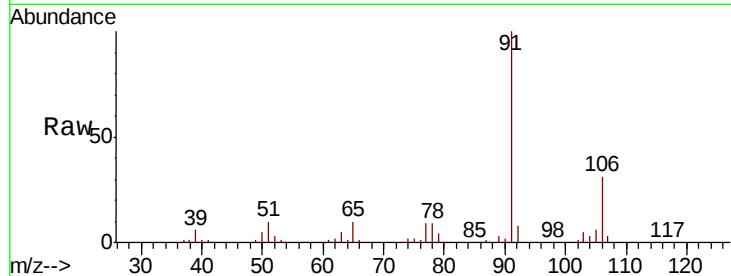
VSTD01065

Tot Ion: 91 Resp: 101100

Ion Ratio Lower Upper

91 100

106 30.9 21.8 40.6



#53

m,p-Xylene

Concen: 10.298 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017387.D

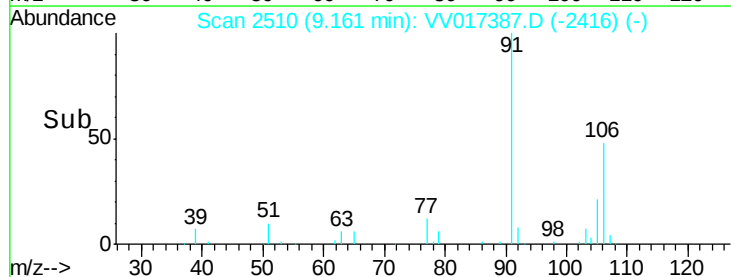
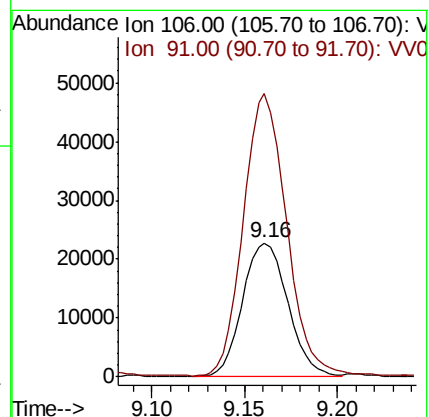
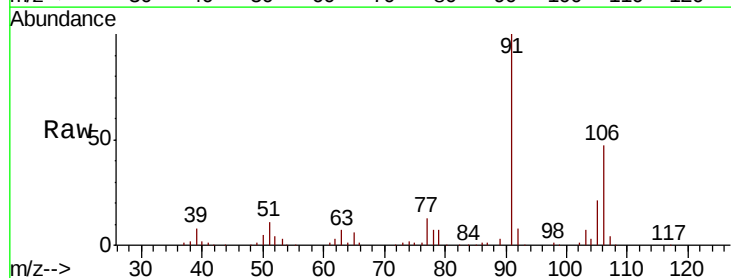
Acq: 08 Jul 2020 10:25

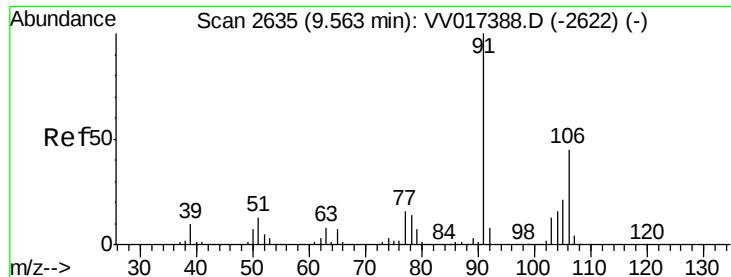
Tgt Ion: 106 Resp: 38983

Ion Ratio Lower Upper

106 100

91 210.9 146.4 271.8





#54

o-xylene

Concen: 9.717 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

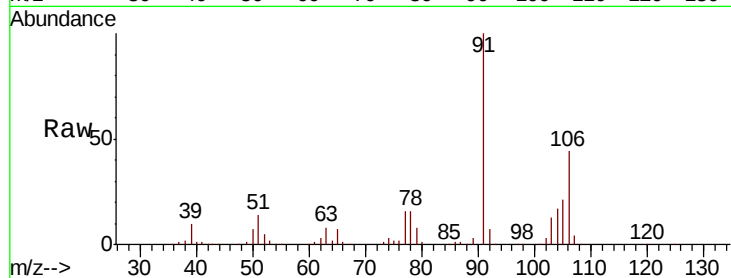
VSTD01065

Tot Ion:106 Resp: 36248

Ion Ratio Lower Upper

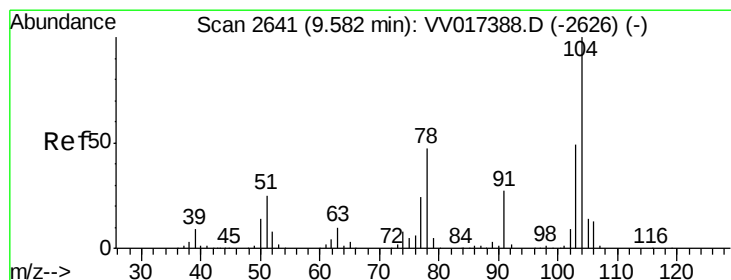
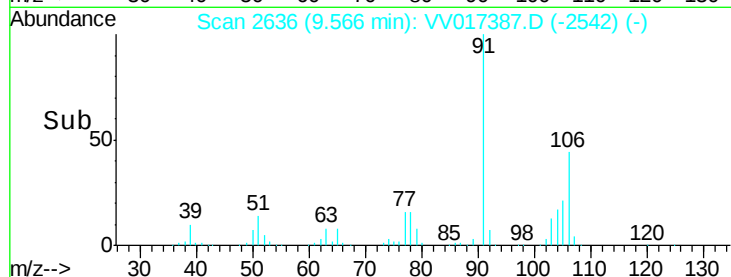
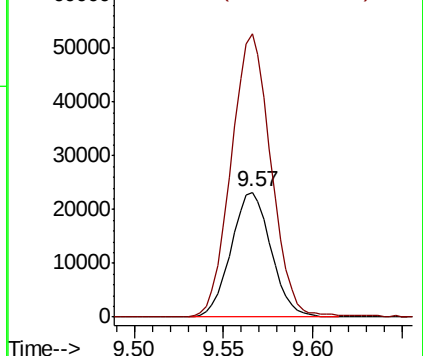
106 100

91 226.8 155.6 289.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 9.816 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.00 min

Lab File: VV017387.D

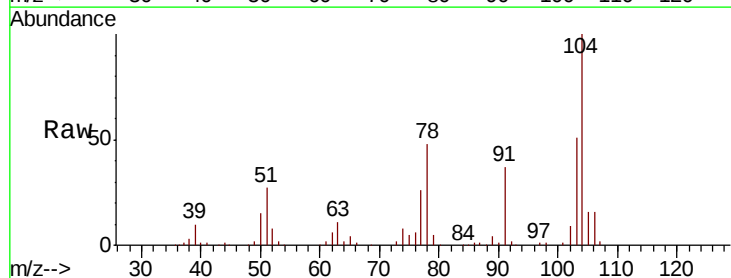
Acq: 08 Jul 2020 10:25

Tgt Ion:104 Resp: 62078

Ion Ratio Lower Upper

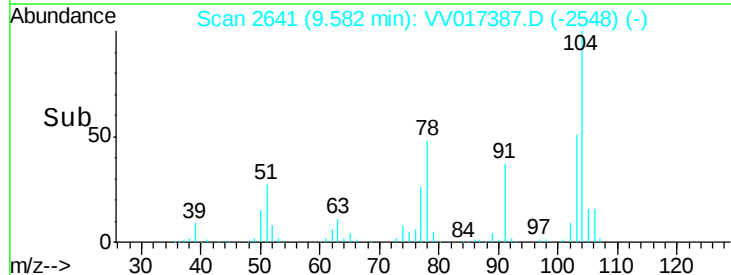
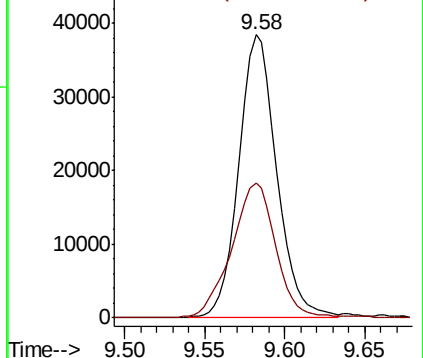
104 100

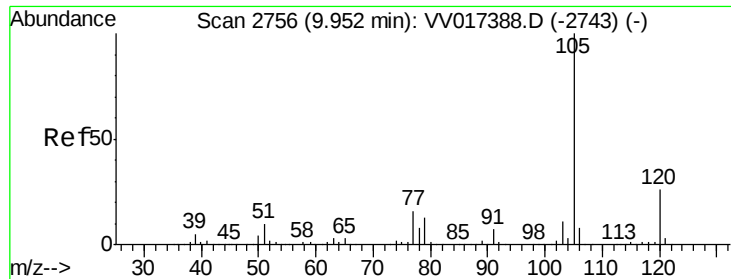
78 47.8 33.1 61.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 9.818 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

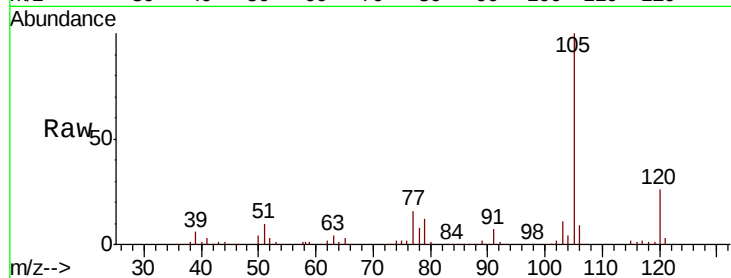
Tot Ion:105 Resp: 98782

Ion Ratio Lower Upper

105 100

120 26.6 21.1 31.7

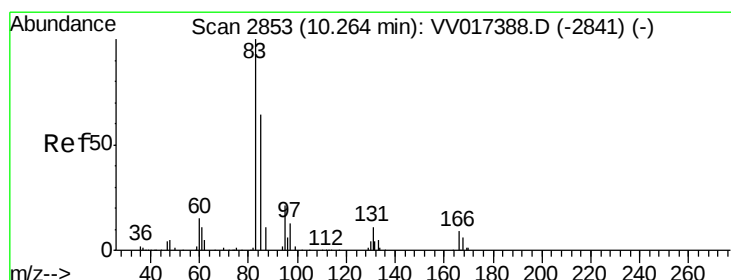
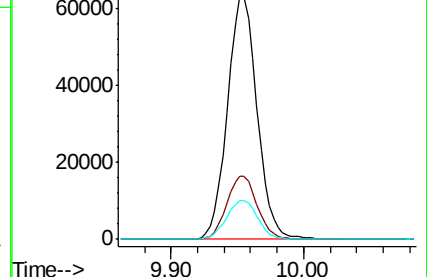
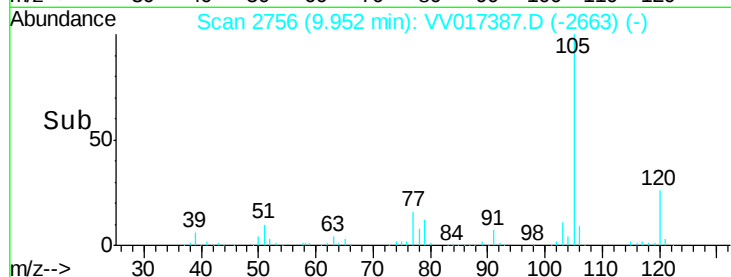
77 17.0 13.0 19.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 9.822 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

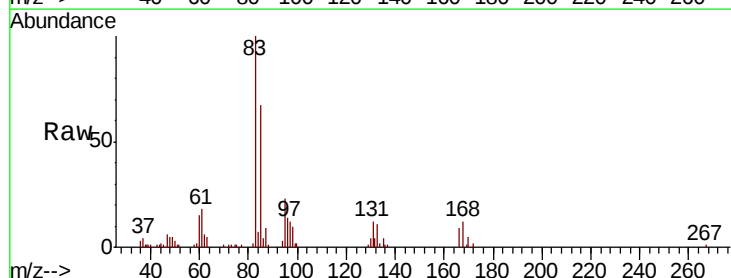
Tgt Ion: 83 Resp: 32330

Ion Ratio Lower Upper

83 100

85 66.8 44.9 83.5

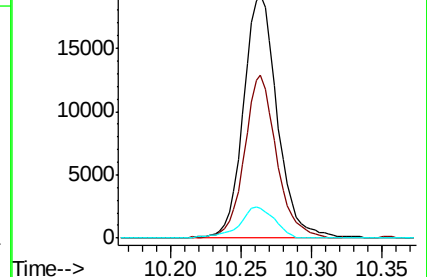
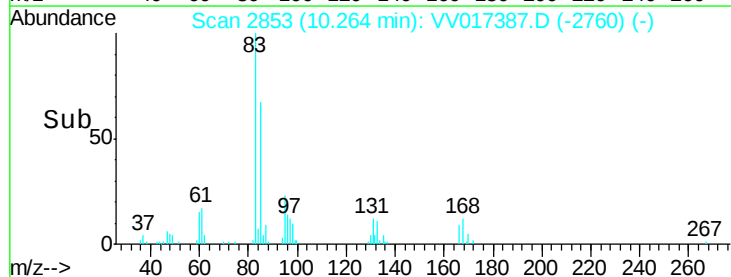
131 12.2 9.4 14.2

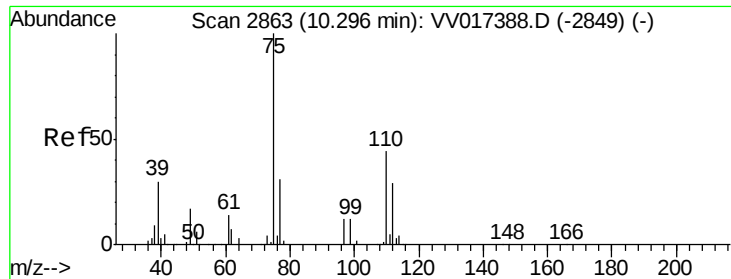


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 10.078 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

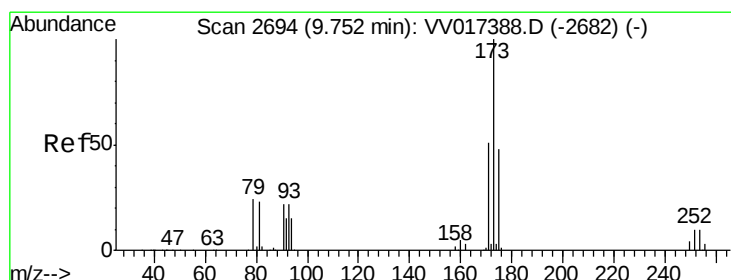
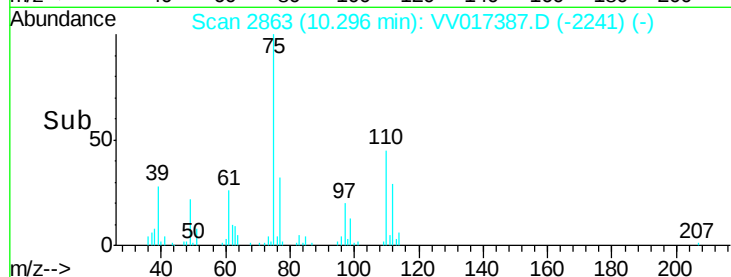
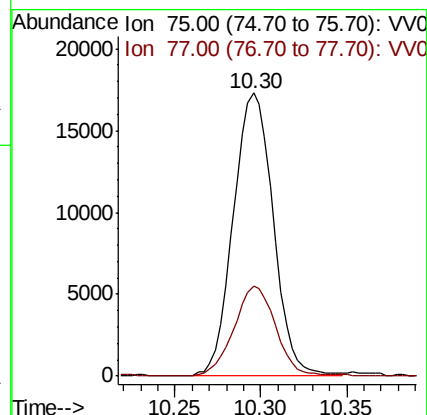
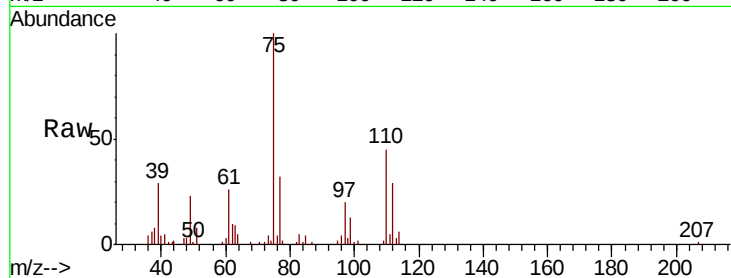
VSTD01065

Tot Ion: 75 Resp: 28008

Ion Ratio Lower Upper

75 100

77 32.9 26.5 39.7



#61

Bromoform

Concen: 11.573 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

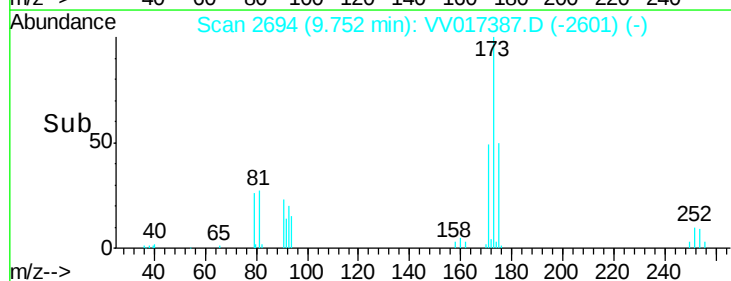
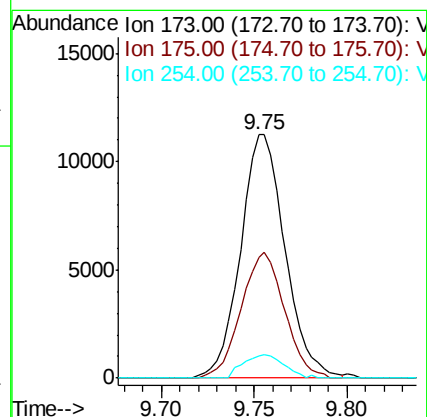
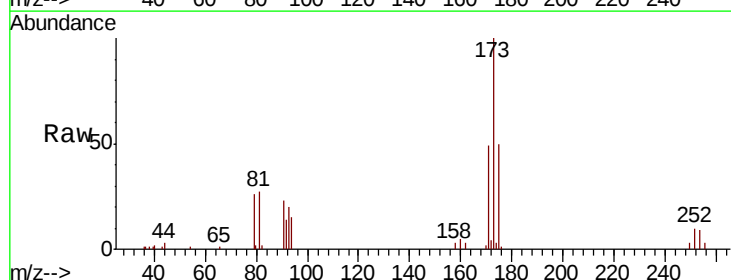
Tgt Ion: 173 Resp: 18795

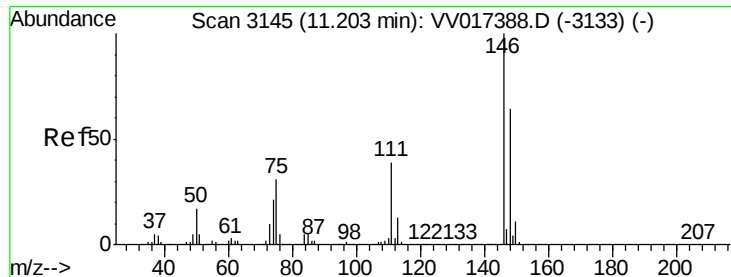
Ion Ratio Lower Upper

173 100

175 50.2 38.1 57.1

254 8.8 7.4 11.2





#62

1,3-Dichlorobenzene

Concen: 10.380 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

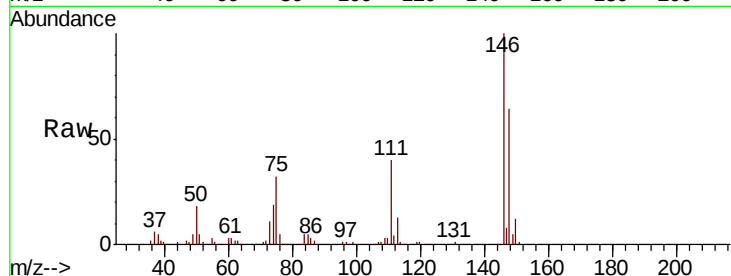
Tot Ion:146 Resp: 50354

Ion Ratio Lower Upper

146 100

111 40.3 27.2 50.6

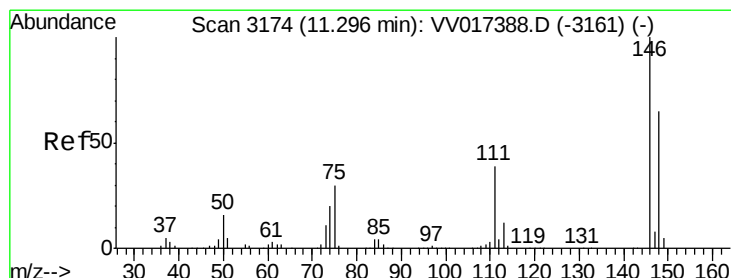
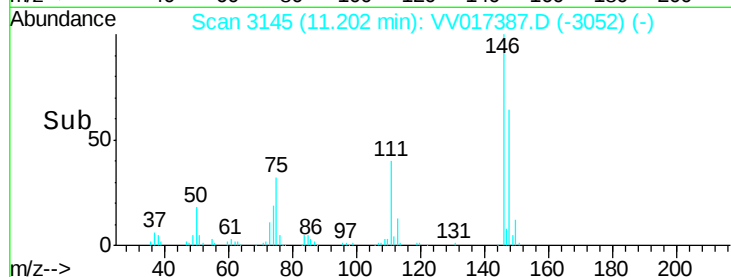
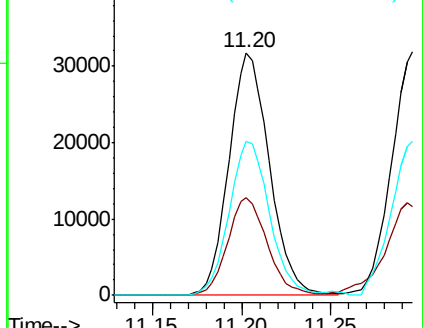
148 63.7 44.7 82.9



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 10.396 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

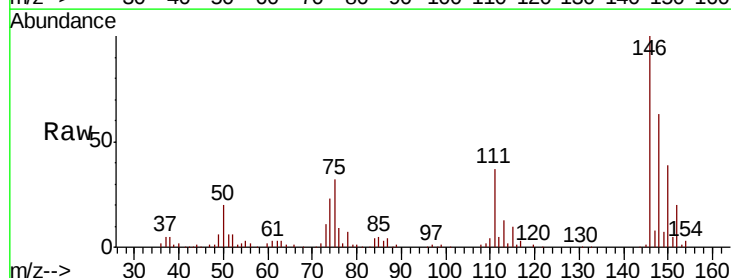
Tgt Ion:146 Resp: 51127

Ion Ratio Lower Upper

146 100

111 36.7 27.2 50.4

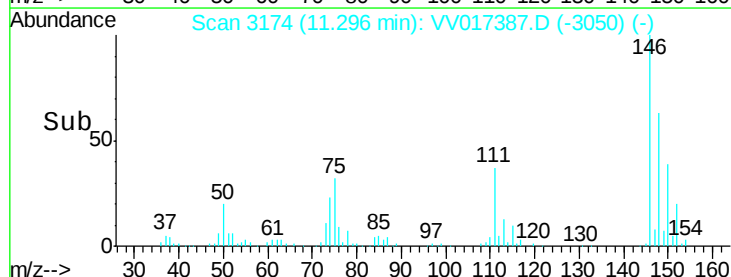
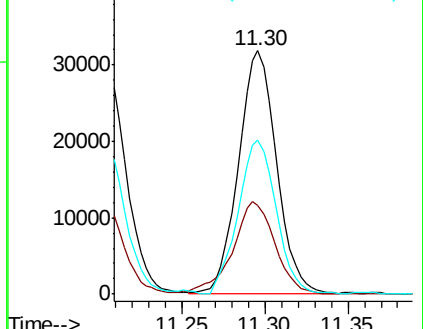
148 63.0 45.4 84.4

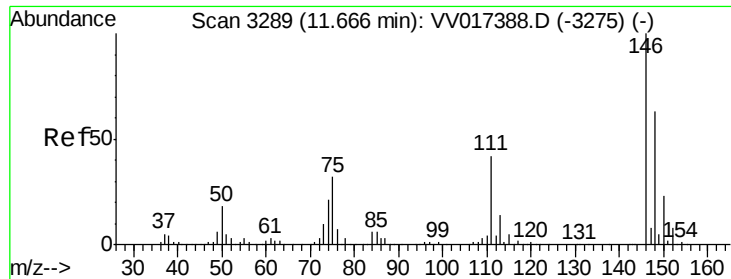


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 10.539 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

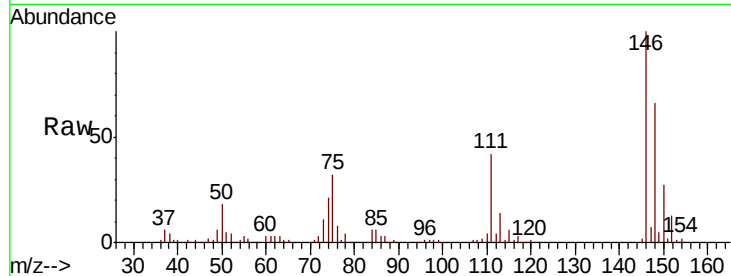
Tot Ion:146 Resp: 50968

Ion Ratio Lower Upper

146 100

111 42.4 33.5 50.3

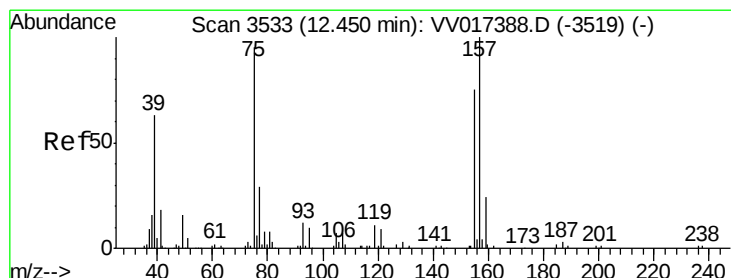
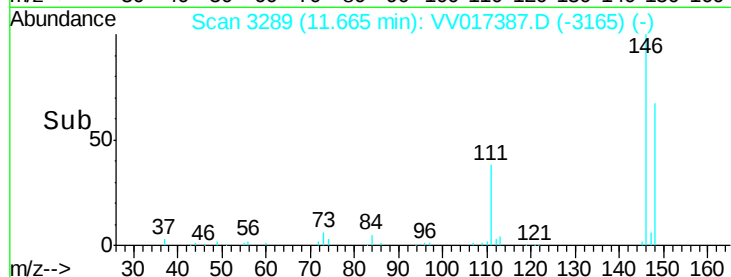
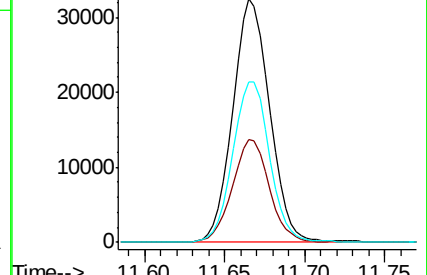
148 65.7 50.6 76.0



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 10.634 ug/L

RT: 12.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

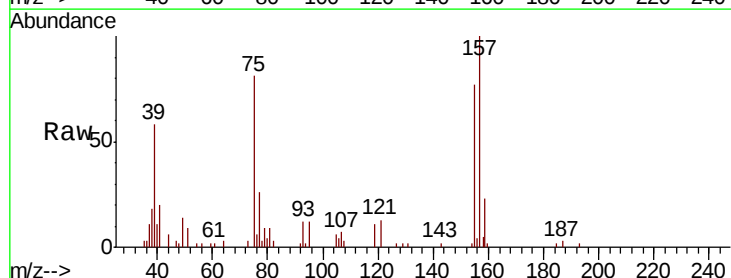
Tgt Ion: 75 Resp: 8181

Ion Ratio Lower Upper

75 100

155 94.2 63.4 95.2

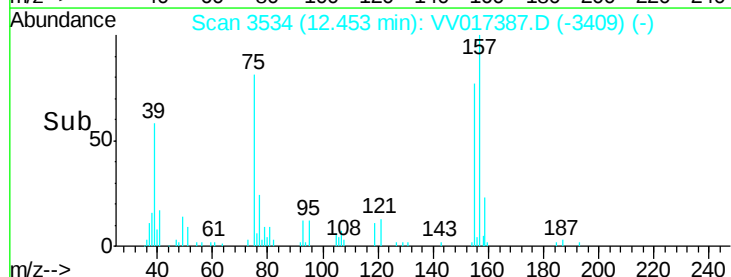
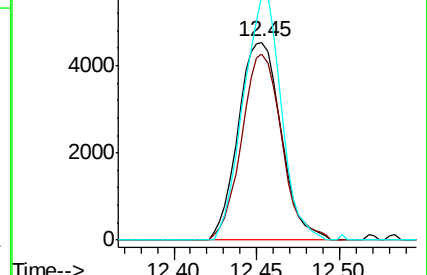
157 123.0 84.5 126.7

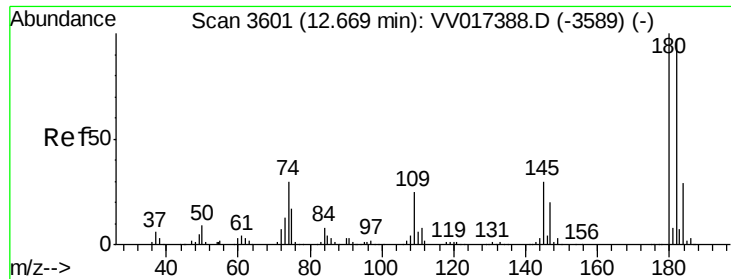


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#67

1,3,5-Trichlorobenzene

Concen: 10.413 ug/L

RT: 12.67 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

Tot Ion:180 Resp: 37939

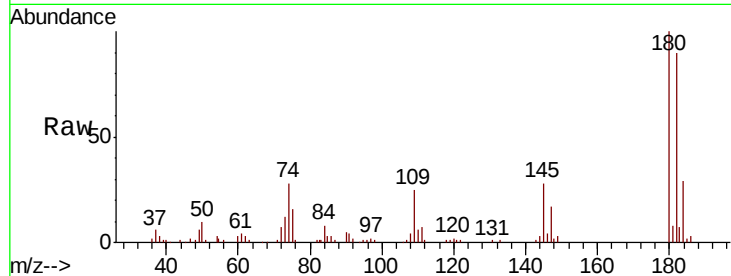
Ion Ratio Lower Upper

180 100

182 89.4 77.0 115.4

184 28.6 24.0 36.0

145 28.7 23.8 35.8

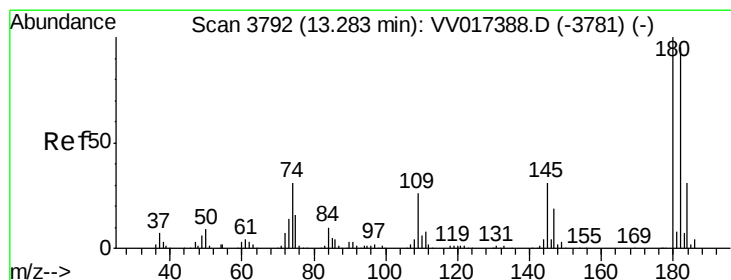
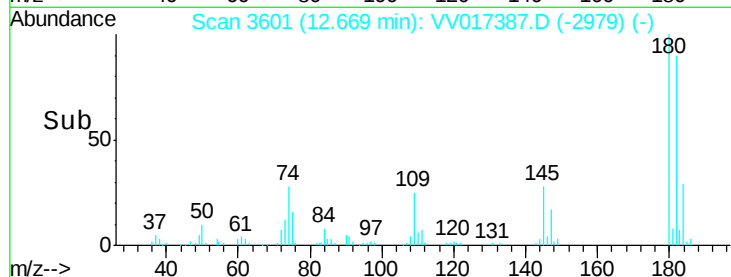
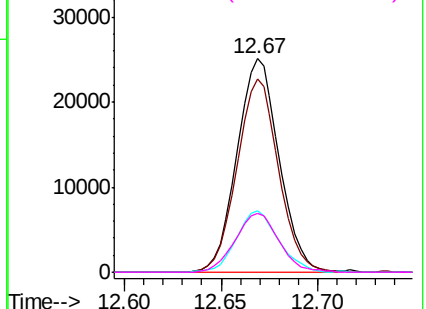


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68

1,2,4-trichlorobenzene

Concen: 9.169 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

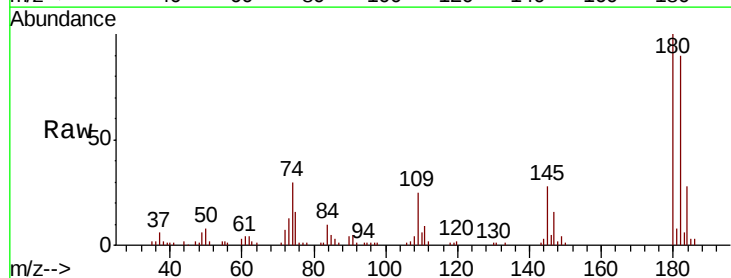
Tgt Ion:180 Resp: 30352

Ion Ratio Lower Upper

180 100

182 94.1 76.0 114.0

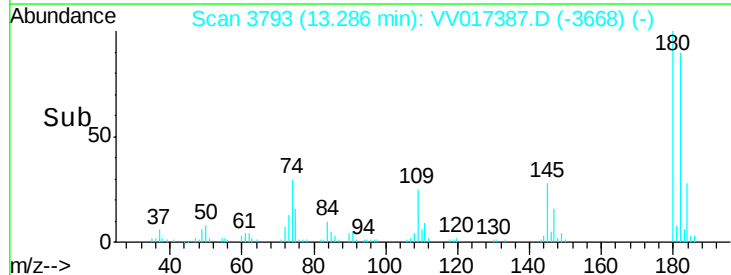
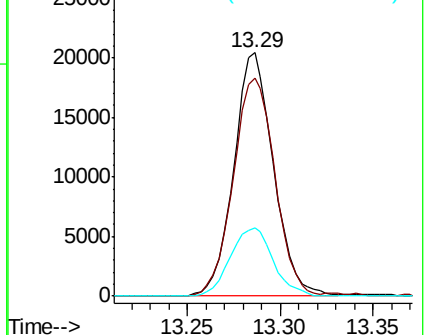
145 30.2 24.6 36.8

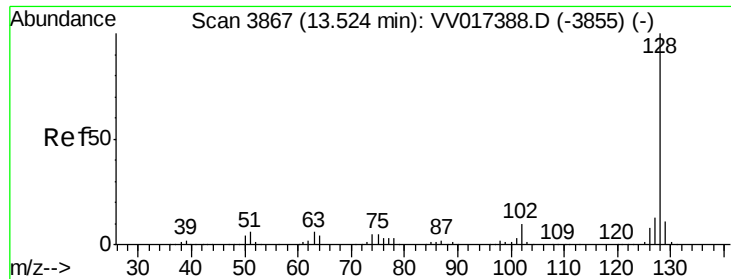


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 8.469 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD01065

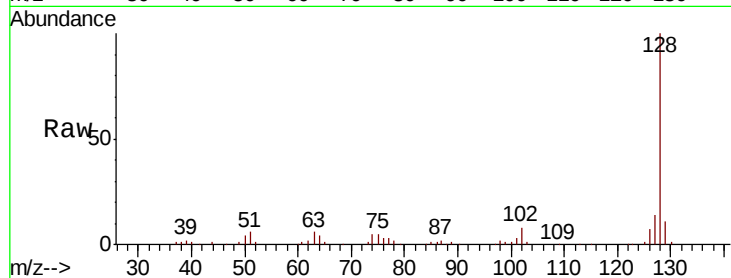
Tot Ion:128 Resp: 80215

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

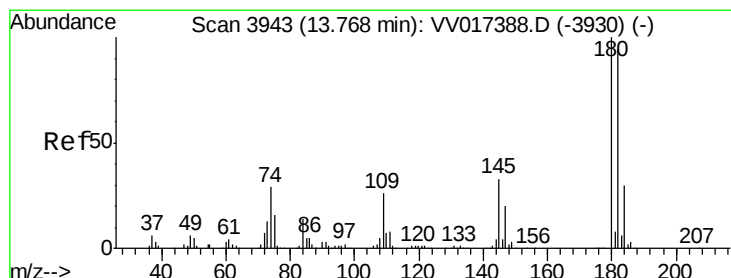
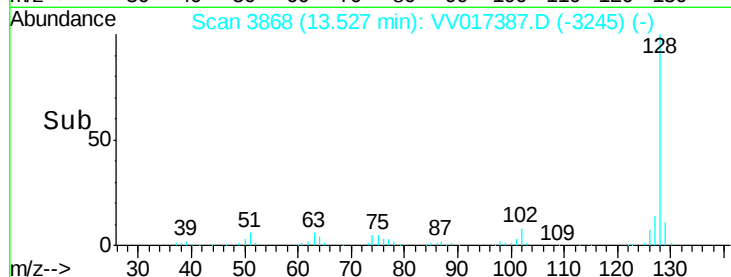
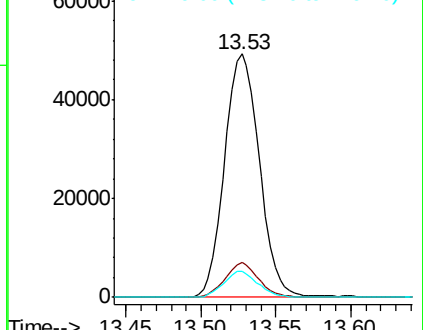
129 10.5 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 9.700 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. -0.00 min

Lab File: VV017387.D

Acq: 08 Jul 2020 10:25

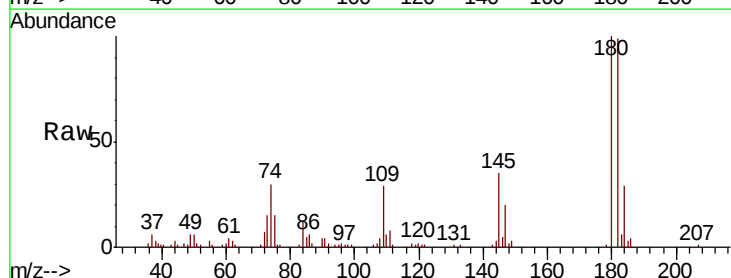
Tgt Ion:180 Resp: 31738

Ion Ratio Lower Upper

180 100

182 97.3 76.3 114.5

145 34.1 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

