

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017069.D
 Acq On : 24 Jun 2020 14:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Quant Time: Jun 25 01:09:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	178735	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	171272	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	91894	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42519	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.58	69	34093	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.13	63	92222	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	3.92	46	121049	44.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	4.38	84	114638	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.06	65	58715	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.07	84	208642	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.09	67	60487	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.33	98	199994	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
45) trans-1,3-Dichloropropene-	7.64	79	25315	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
48) 2-Hexanone-d5	8.11	63	94713	44.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.74%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	44846	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	76648	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	75529	5.294	ug/L 99
3) Chloromethane	1.25	50	62330	5.155	ug/L 97
5) Vinyl chloride	1.32	62	62320	5.314	ug/L 99
6) Bromomethane	1.53	94	34678	5.073	ug/L 98
8) Chloroethane	1.60	64	35205	5.431	ug/L 95
9) Trichlorofluoromethane	1.77	101	100194	5.275	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	51266	5.416	ug/L 99
12) 1,1-Dichloroethene	2.14	96	45961	5.358	ug/L 88
13) Acetone	2.20	43	73032	52.843	ug/L 96
14) Carbon disulfide	2.31	76	133941	5.211	ug/L 99
15) Methyl Acetate	2.45	43	17723	5.245	ug/L 99
16) Methylene chloride	2.52	84	46959	5.112	ug/L 95
17) Methyl tert-butyl Ether	2.79	73	109953	5.105	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	49140	5.406	ug/L 97
19) 1,1-Dichloroethane	3.21	63	109998	5.386	ug/L 97
21) 2-Butanone	4.01	43	129994	49.897	ug/L 97
22) cis-1,2-Dichloroethene	3.94	96	62824	5.054	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017069.D
 Acq On : 24 Jun 2020 14:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Quant Time: Jun 25 01:09:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 05:01:54 2020
 Response via : Initial Calibration

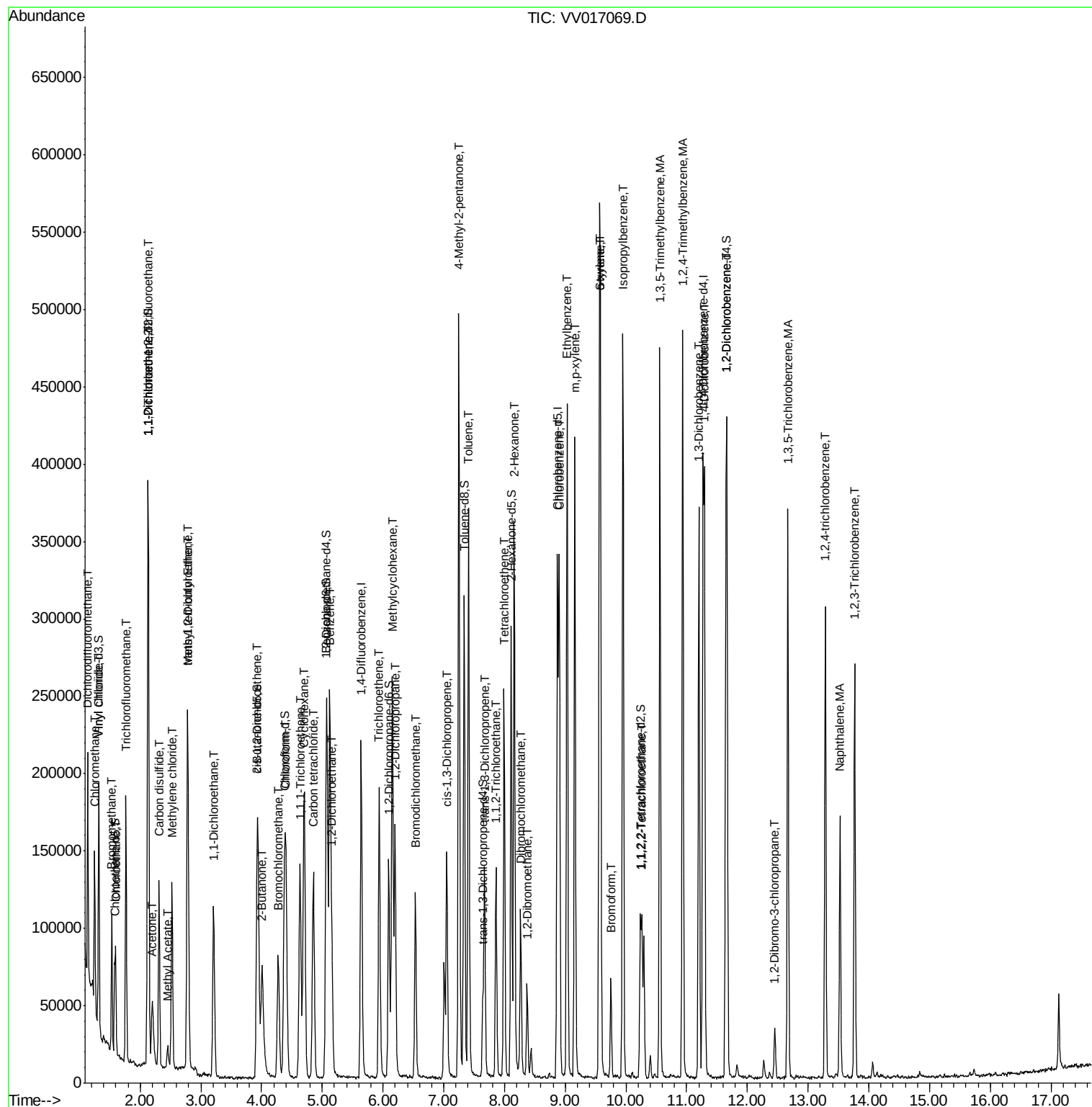
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	27745	5.252	ug/L	98
25) Chloroform	4.40	83	114920	5.151	ug/L	98
27) 1,2-Dichloroethane	5.16	62	71443	5.155	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	109402	5.332	ug/L	100
30) Cyclohexane	4.70	56	94142	4.821	ug/L	99
31) Carbon tetrachloride	4.85	117	98463	5.318	ug/L	97
33) Benzene	5.12	78	238486	5.317	ug/L	100
34) Trichloroethene	5.94	95	64624	4.920	ug/L	99
35) Methylcyclohexane	6.15	83	100233	4.909	ug/L	99
37) 1,2-Dichloropropane	6.20	63	58117	5.234	ug/L	98
38) Bromodichloromethane	6.53	83	76820	5.093	ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	81523	4.942	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	317452	49.519	ug/L	99
42) Toluene	7.41	91	259527	4.977	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	239027	5.126	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	247826	5.219	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	71452	5.007	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	39427	5.006	ug/L	97
49) Tetrachloroethene	7.99	164	54180	5.125	ug/L	97
50) 2-Hexanone	8.16	43	221983	48.657	ug/L	98
51) Dibromochloromethane	8.27	129	51368	5.381	ug/L	98
52) 1,2-Dibromoethane	8.37	107	37698	5.048	ug/L	90
53) Chlorobenzene	8.90	112	166733	5.129	ug/L	100
54) Ethylbenzene	9.03	91	286709	5.151	ug/L	100
55) m,p-xylene	9.16	106	108890	4.988	ug/L	97
56) o-xylene	9.56	106	103147	5.063	ug/L	97
57) Styrene	9.58	104	180302	5.341	ug/L	99
58) Isopropylbenzene	9.95	105	287302	5.124	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	46277	5.681	ug/L	95
62) Bromoform	9.75	173	26589	5.408	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	140648	5.084	ug/L	97
64) 1,4-Dichlorobenzene	11.29	146	138712	4.933	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	125894	5.014	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	8452	6.086	ug/L	89
68) 1,3,5-Trichlorobenzene	12.67	180	109595	4.931	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	87650	4.790	ug/L	100
70) Naphthalene	13.53	128	127153	4.921	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	76485	5.125	ug/L	99

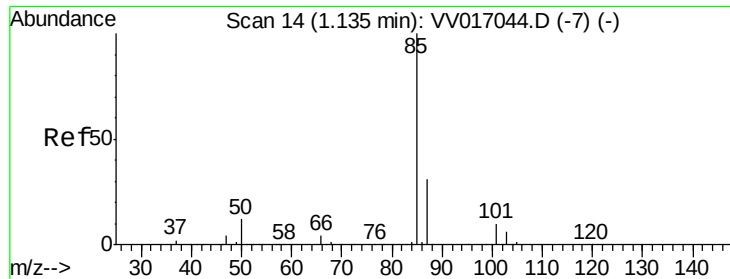
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017069.D
Acq On : 24 Jun 2020 14:05
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00556

Quant Time: Jun 25 01:09:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 24 05:01:54 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 5.294 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

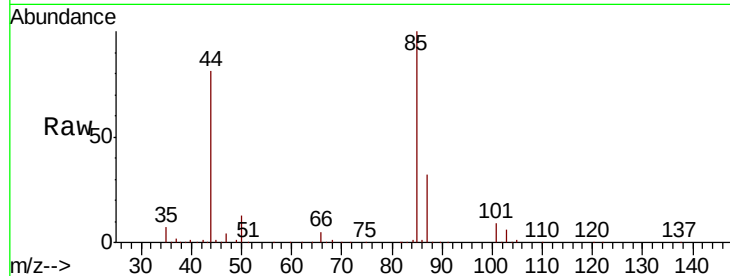
VSTD00556

Tot Ion: 85 Resp: 75529

Ion Ratio Lower Upper

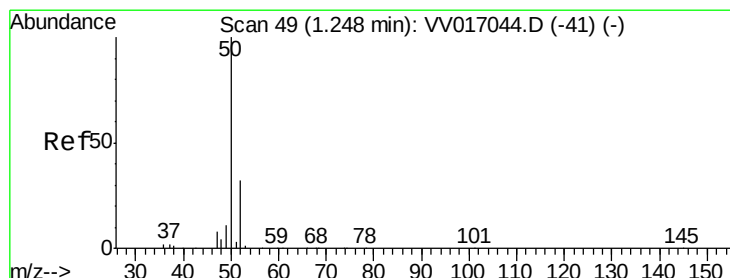
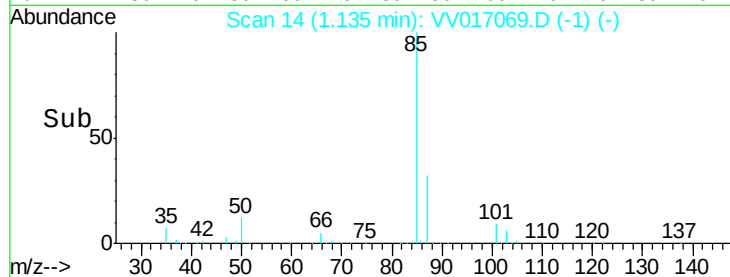
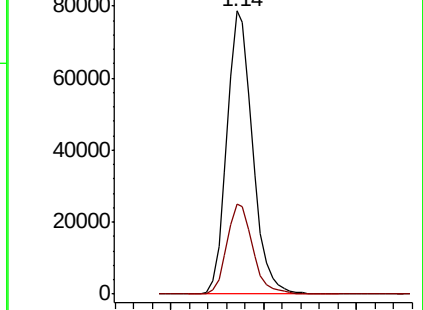
85 100

87 32.1 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VV017069.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VV017069.D (-1) (-)



#3

Chloromethane

Concen: 5.155 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017069.D

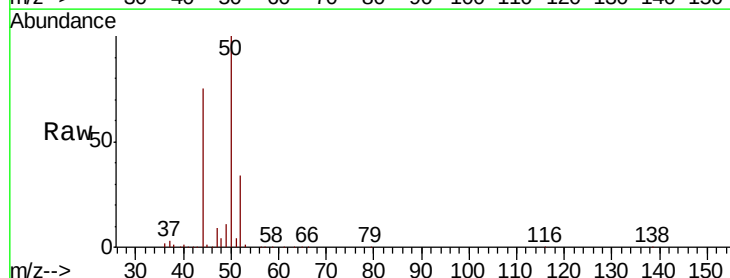
Acq: 24 Jun 2020 14:05

Tgt Ion: 50 Resp: 62330

Ion Ratio Lower Upper

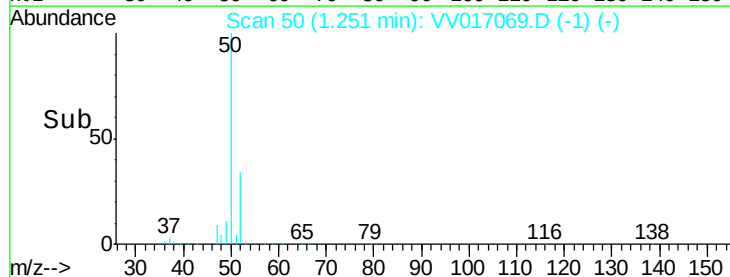
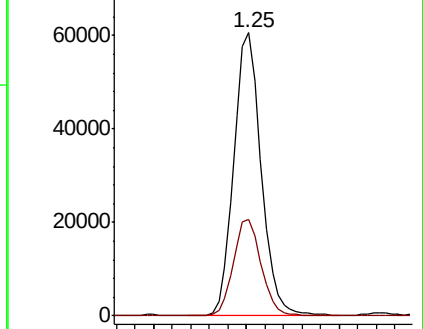
50 100

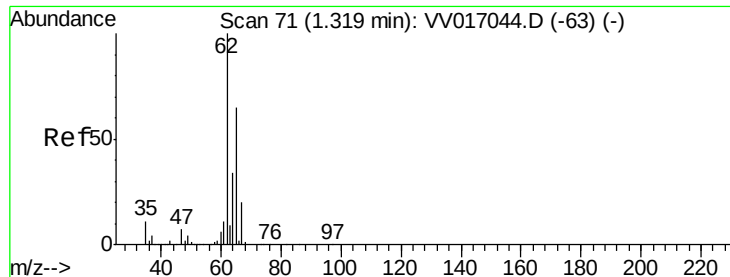
52 34.0 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV017069.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV017069.D (-1) (-)





#5

Vinyl chloride

Concen: 5.314 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

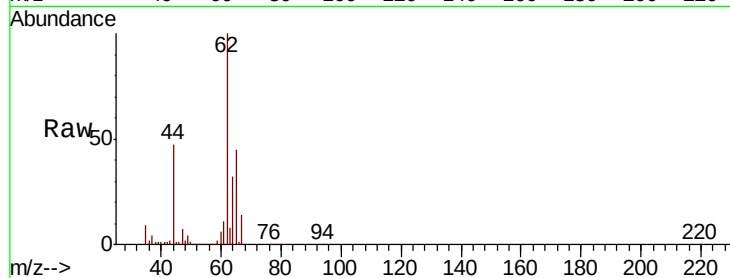
VSTD00556

Tot Ion: 62 Resp: 62320

Ion Ratio Lower Upper

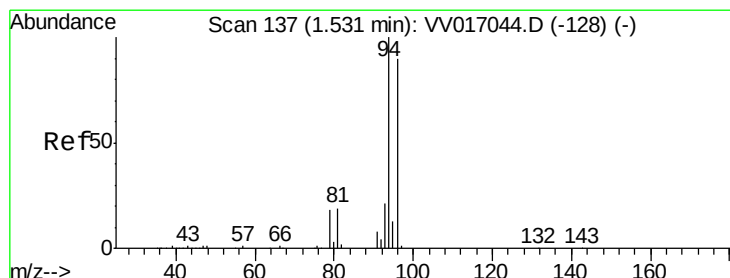
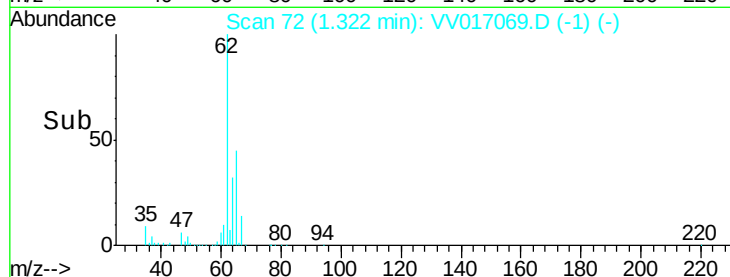
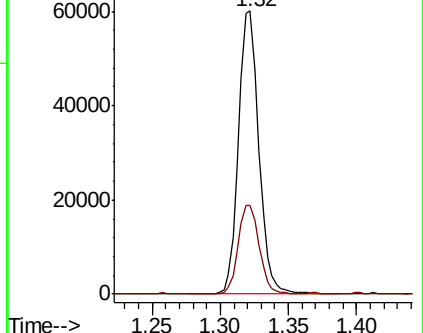
62 100

64 31.6 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV017069.D (-1) (-)

Ion 64.10 (63.80 to 64.80): VV017069.D (-1) (-)



#6

Bromomethane

Concen: 5.073 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV017069.D

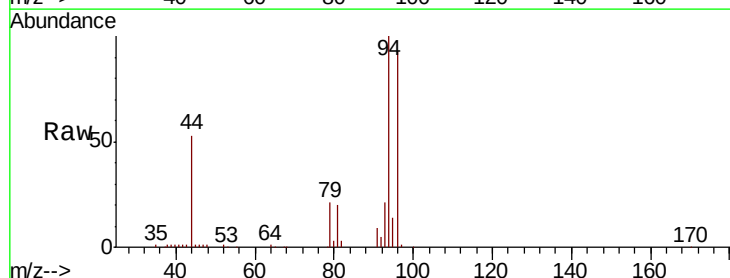
Acq: 24 Jun 2020 14:05

Tgt Ion: 94 Resp: 34678

Ion Ratio Lower Upper

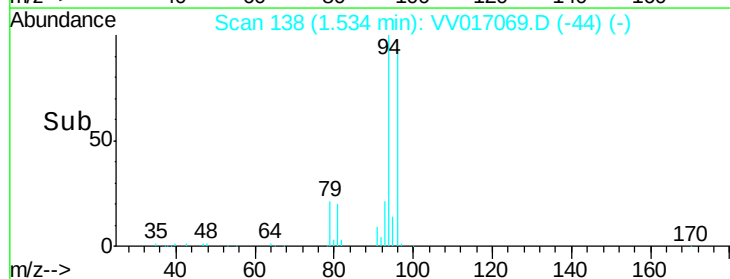
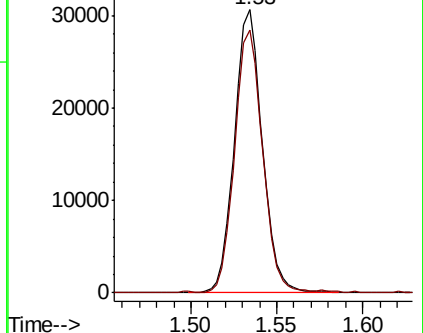
94 100

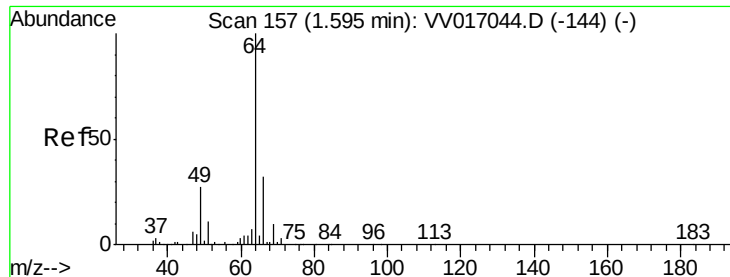
96 92.9 66.2 123.0



Abundance Ion 94.00 (93.70 to 94.70): VV017069.D (-44) (-)

Ion 96.00 (95.70 to 96.70): VV017069.D (-44) (-)





#8

Chloroethane

Concen: 5.431 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

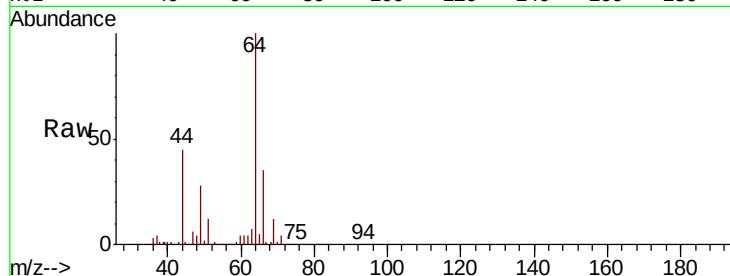
VSTD00556

Tot Ion: 64 Resp: 35205

Ion Ratio Lower Upper

64 100

66 35.3 22.8 42.4



Abundance Ion 64.10 (63.80 to 64.80): VV017044.D (-144) (-)

Ion 66.05 (65.75 to 66.75): VV017044.D (-144) (-)

1.60

30000

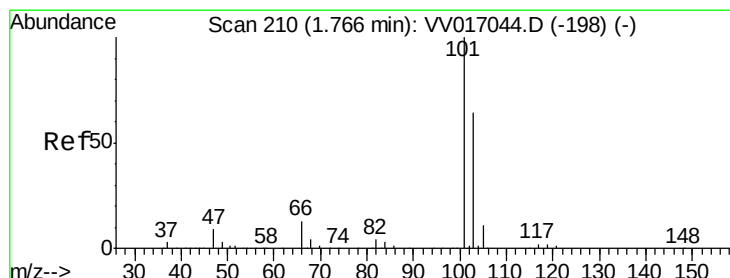
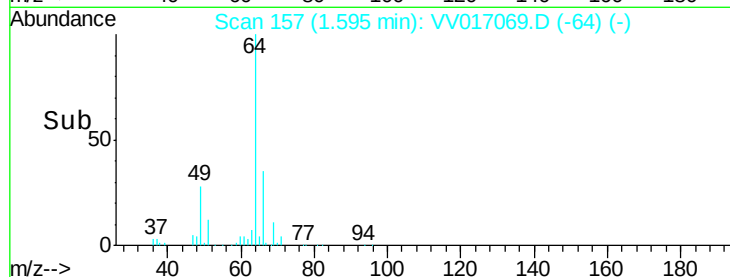
20000

10000

0

Time-->

1.55 1.60 1.65



#9

Trichlorofluoromethane

Concen: 5.275 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV017069.D

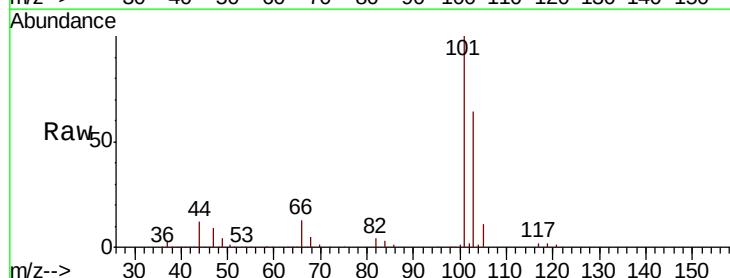
Acq: 24 Jun 2020 14:05

Tgt Ion: 101 Resp: 100194

Ion Ratio Lower Upper

101 100

103 65.0 50.9 76.3



Abundance Ion 101.00 (100.70 to 101.70): VV017044.D (-198) (-)

Ion 103.00 (102.70 to 103.70): VV017044.D (-198) (-)

1.77

80000

60000

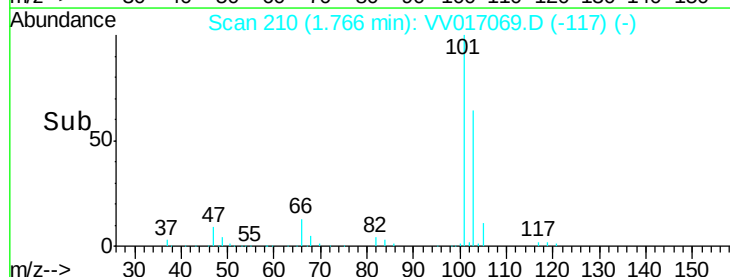
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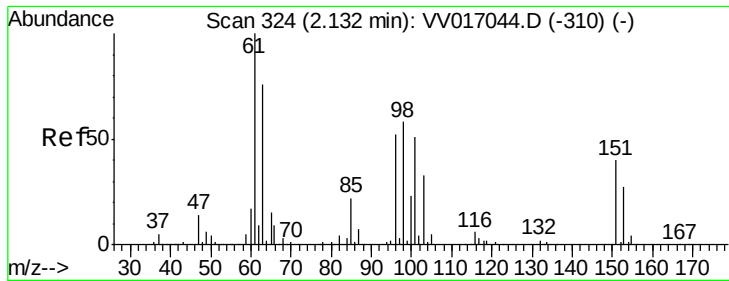
20000

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Time-->

1.70 1.75 1.80 1.85





#10

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

Concen: 5.416 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD00556

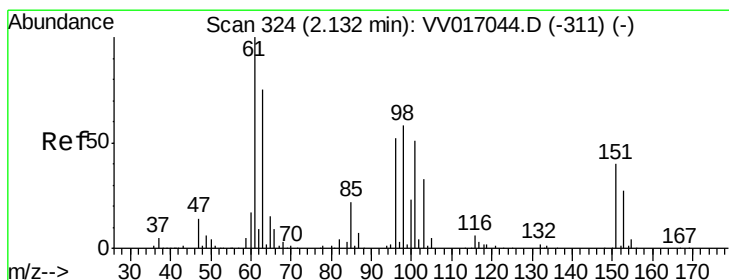
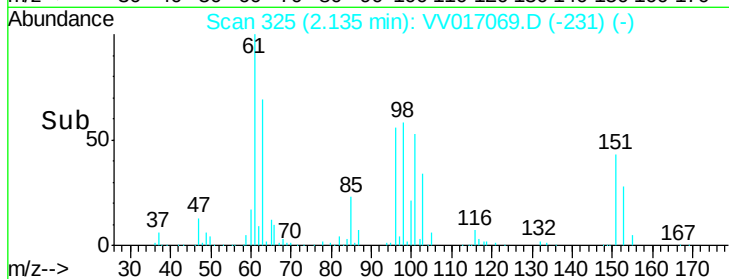
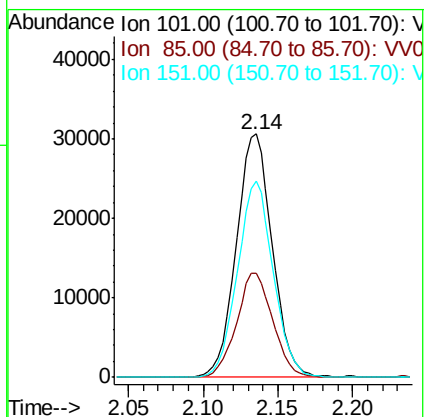
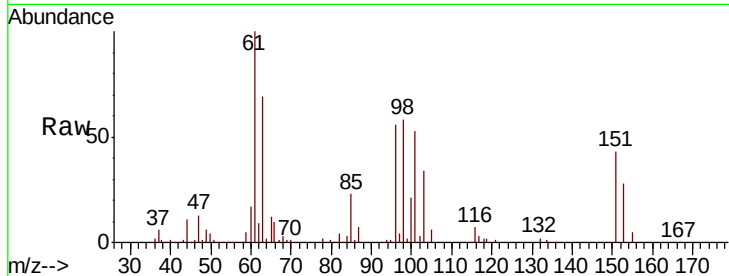
Tot Ion:101 Resp: 51266

Ion Ratio Lower Upper

101 100

85 43.1 35.4 53.2

151 80.0 63.9 95.9



#12

1,1-Dichloroethene

Concen: 5.358 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

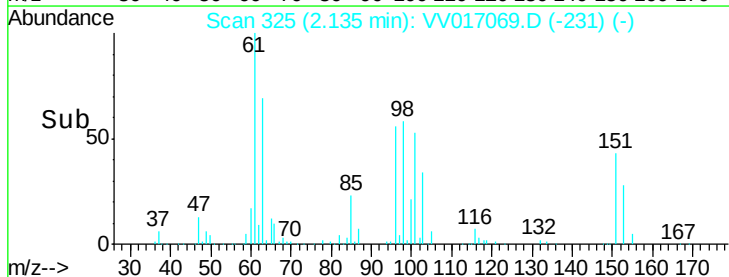
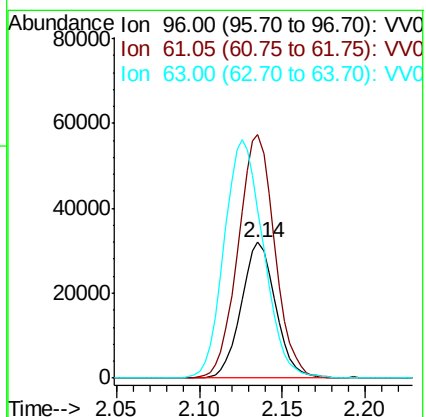
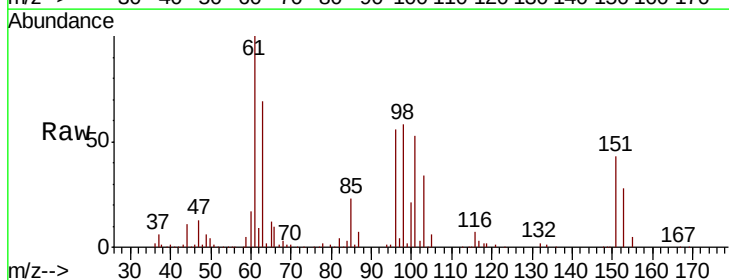
Tgt Ion: 96 Resp: 45961

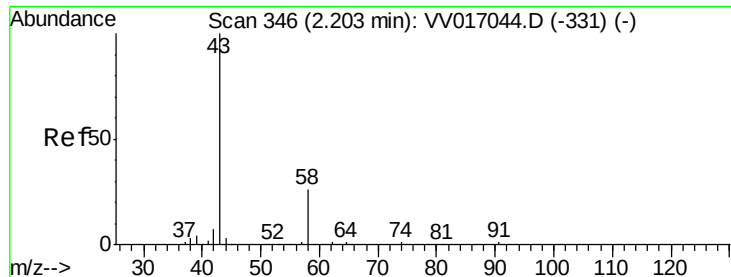
Ion Ratio Lower Upper

96 100

61 179.2 125.0 232.2

63 124.0 109.8 203.8





#13

Acetone

Concen: 52.843 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

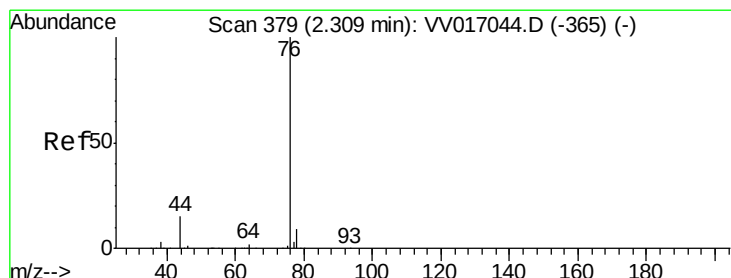
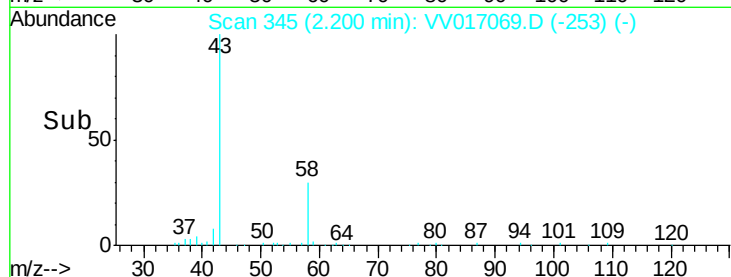
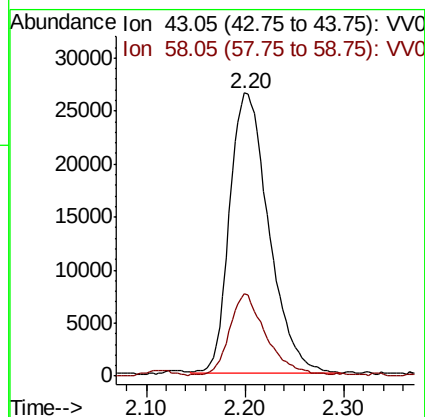
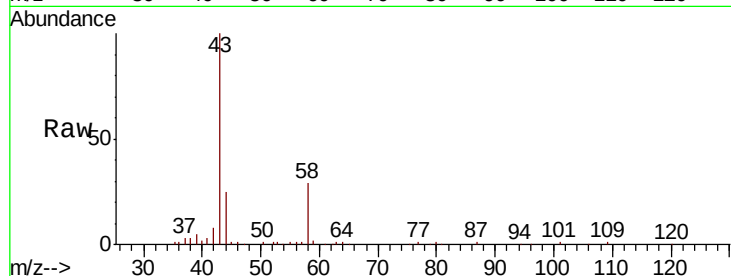
VSTD00556

Tot Ion: 43 Resp: 73032

Ion Ratio Lower Upper

43 100

58 27.1 0.0 58.4



#14

Carbon disulfide

Concen: 5.211 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017069.D

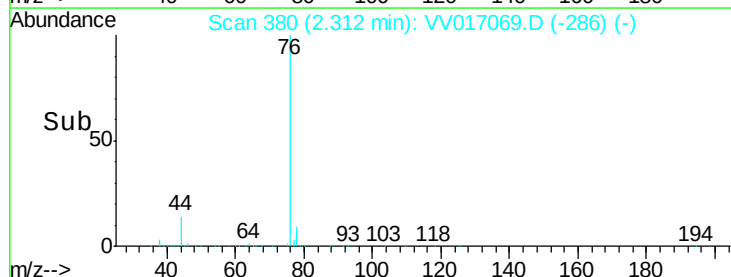
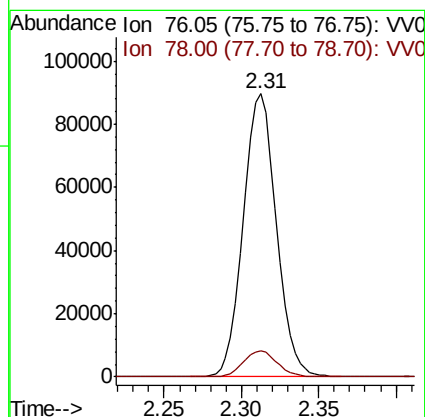
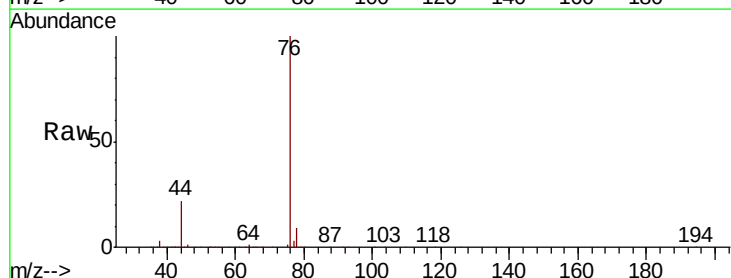
Acq: 24 Jun 2020 14:05

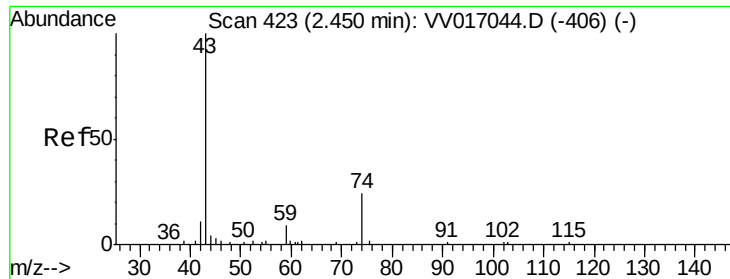
Tgt Ion: 76 Resp: 133941

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5

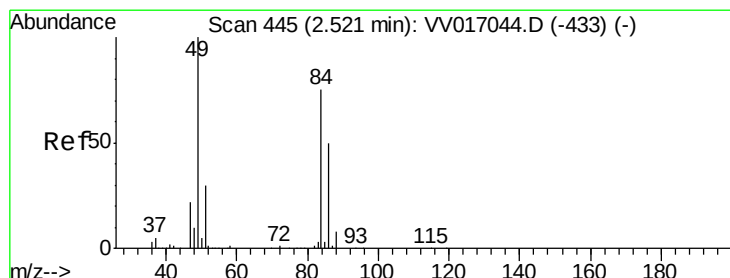
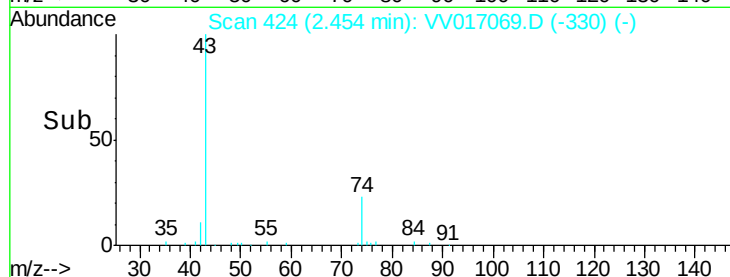
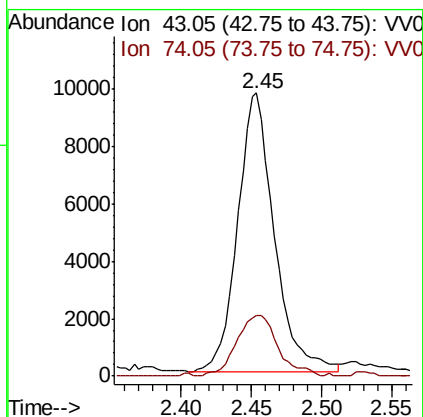
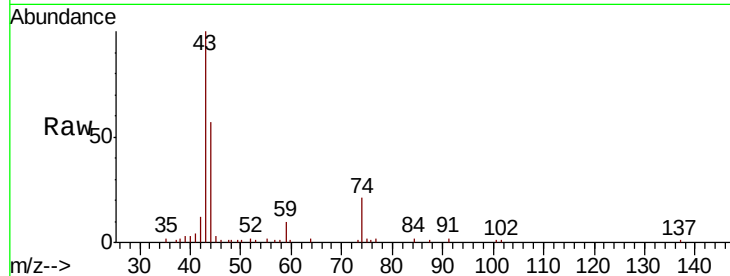




#15
Methvl Acetate
Concen: 5.245 ug/L
RT: 2.45 min Scan# 424
Delta R.T. 0.00 min
Lab File: VV017069.D
Acq: 24 Jun 2020 14:05

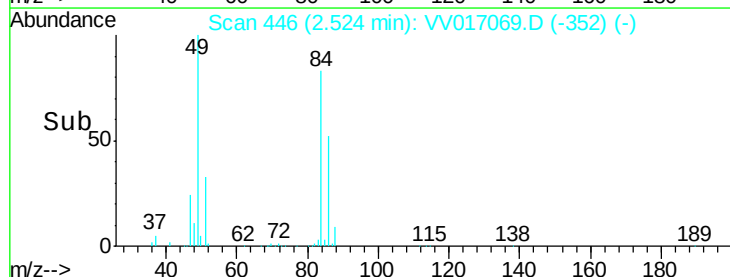
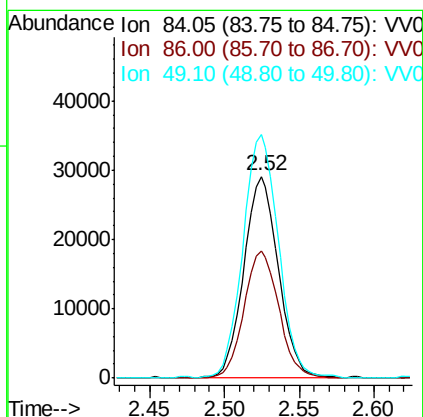
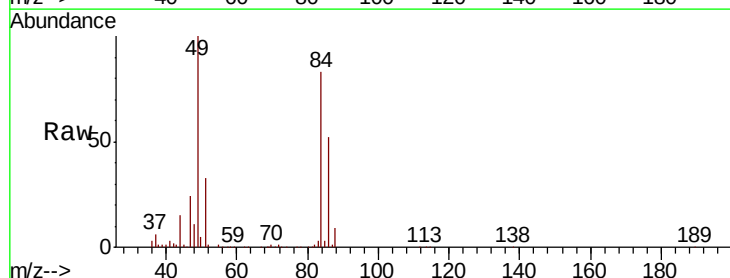
Instrument :
MSVOA_V
ClientSampled :
VSTD00556

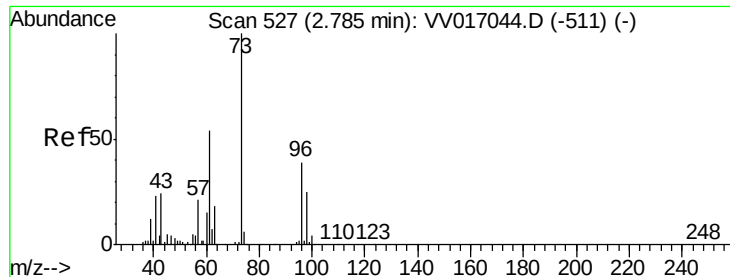
Tot Ion: 43 Resp: 17723
Ion Ratio Lower Upper
43 100
74 24.6 19.1 28.7



#16
Methylene chloride
Concen: 5.112 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017069.D
Acq: 24 Jun 2020 14:05

Tgt Ion: 84 Resp: 46959
Ion Ratio Lower Upper
84 100
86 62.9 45.8 85.0
49 120.7 89.6 166.4

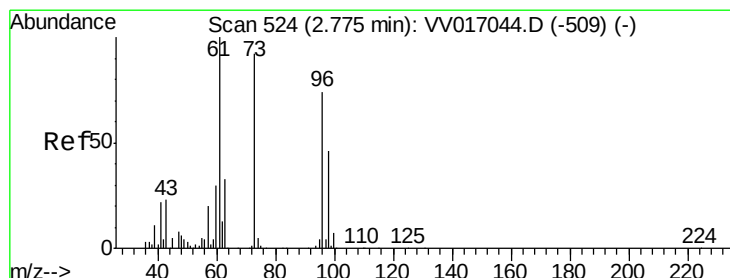
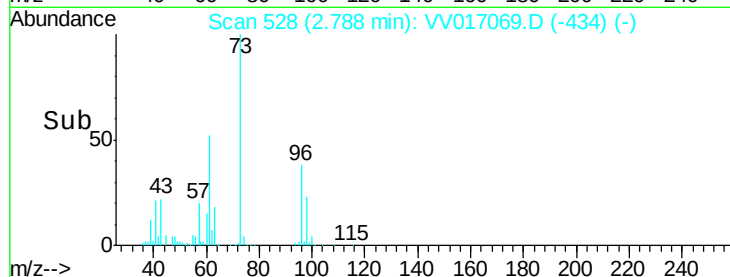
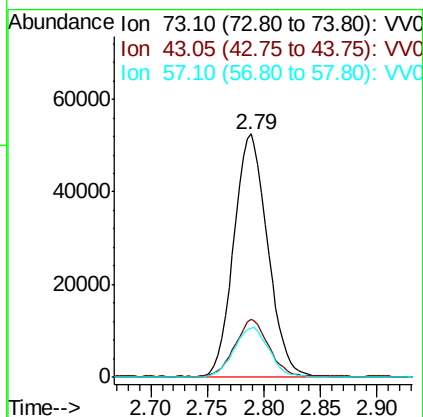
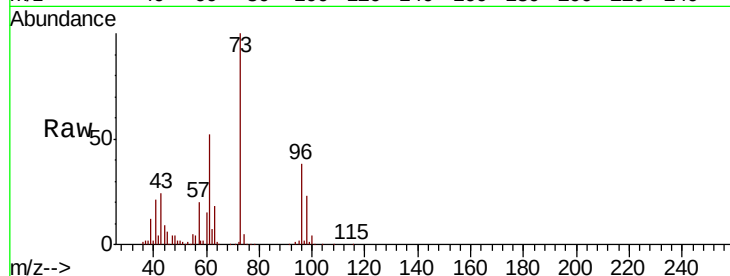




#17
Methyl tert-butyl Ether
Concen: 5.105 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV017069.D
Acq: 24 Jun 2020 14:05

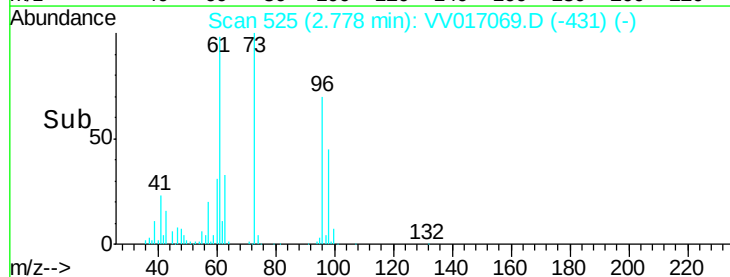
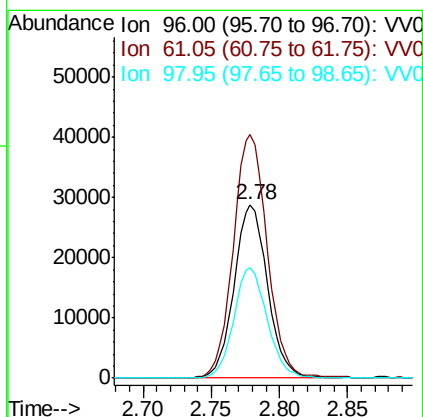
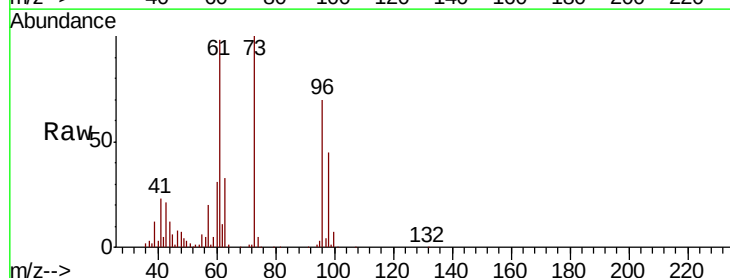
Instrument :
MSVOA_V
ClientSampleId :
VSTD00556

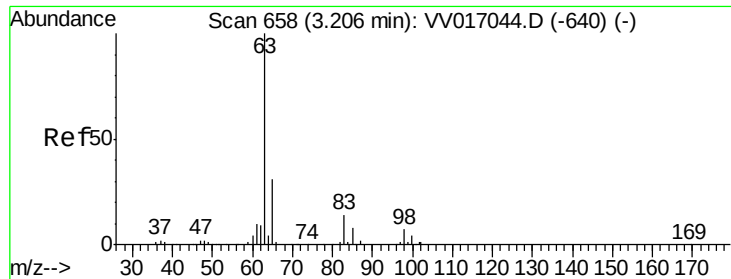
Tot Ion: 73 Resp: 109953
Ion Ratio Lower Upper
73 100
43 23.4 18.6 28.0
57 21.3 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 5.406 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017069.D
Acq: 24 Jun 2020 14:05

Tgt Ion: 96 Resp: 49140
Ion Ratio Lower Upper
96 100
61 140.5 102.3 189.9
98 64.0 44.7 82.9

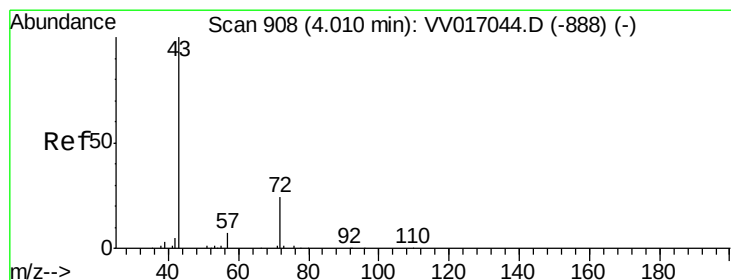
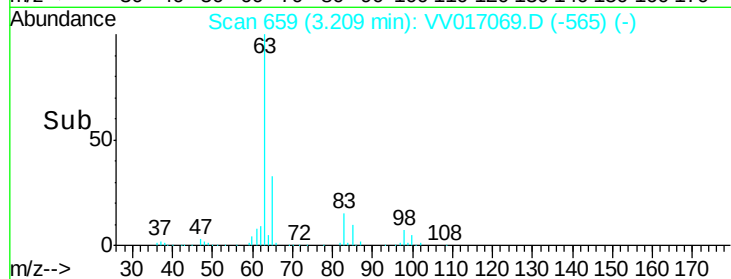
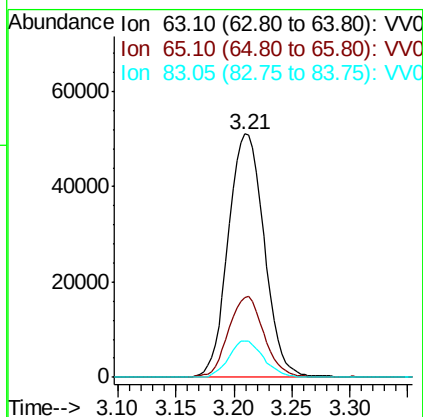
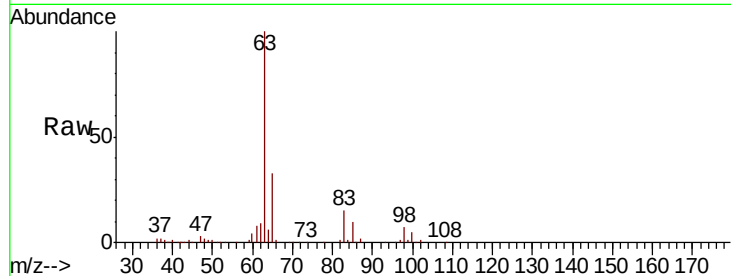




#19
 1,1-Dichloroethane
 Concen: 5.386 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

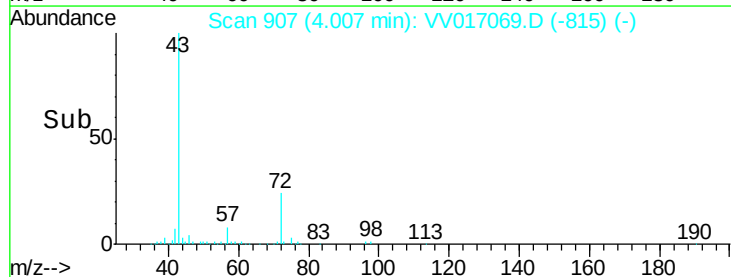
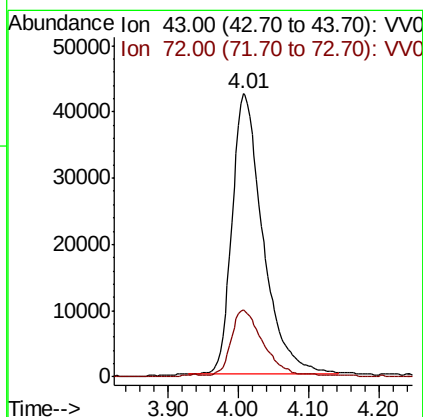
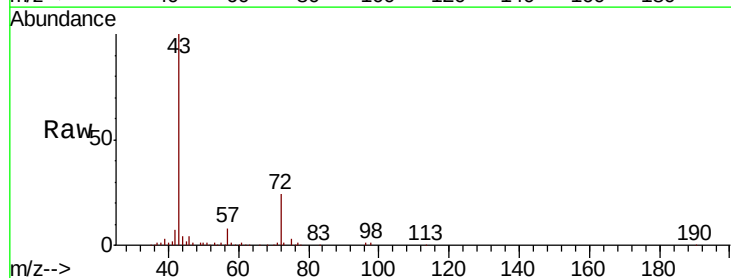
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

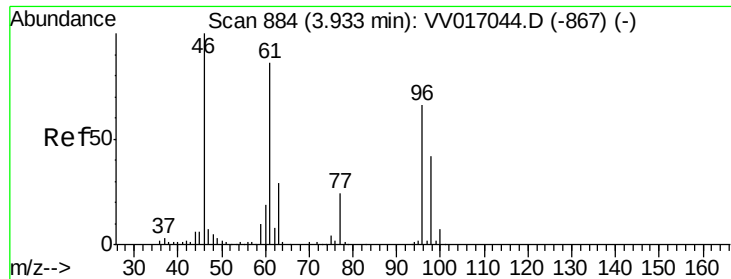
Tot Ion: 63 Resp: 109998
 Ion Ratio Lower Upper
 63 100
 65 32.9 21.8 40.4
 83 15.1 9.7 17.9



#21
 2-Butanone
 Concen: 49.897 ug/L
 RT: 4.01 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Tgt Ion: 43 Resp: 129994
 Ion Ratio Lower Upper
 43 100
 72 23.6 12.4 37.4



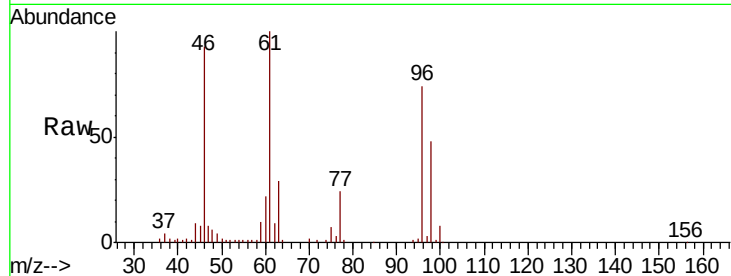


#22

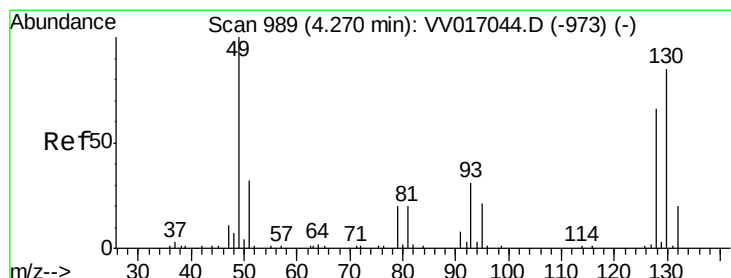
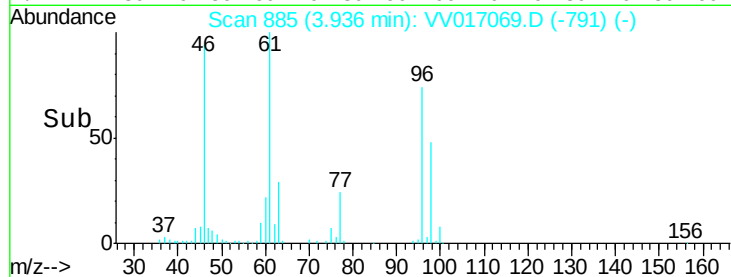
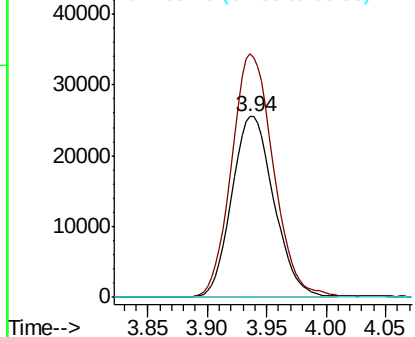
cis-1,2-Dichloroethene
Concen: 5.054 ug/L
RT: 3.94 min Scan# 885
Delta R.T. 0.00 min
Lab File: VV017069.D
Acq: 24 Jun 2020 14:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD00556

Tot Ion: 96 Resp: 62824
Ion Ratio Lower Upper
96 100
61 134.7 91.0 169.0
68 0.0 0.0 0.0



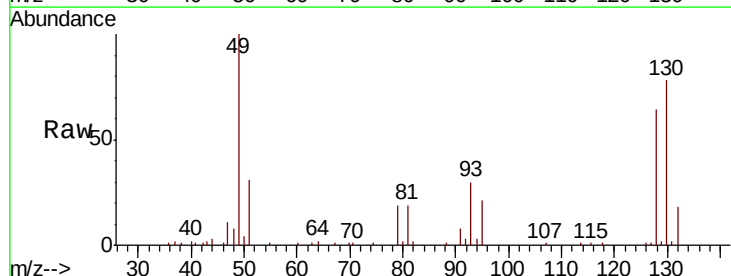
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



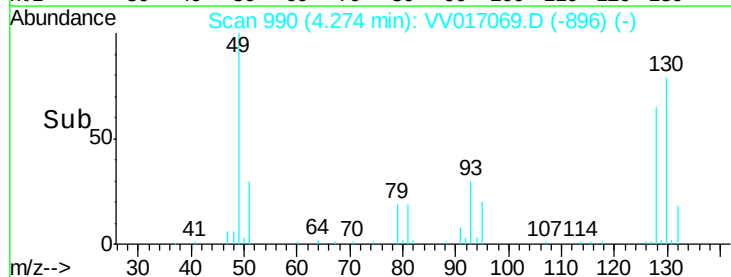
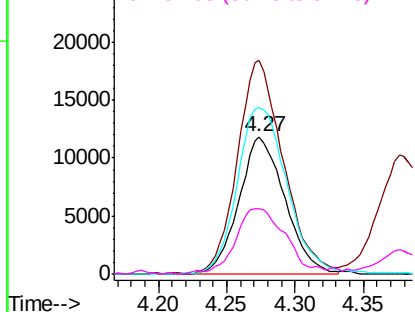
#23

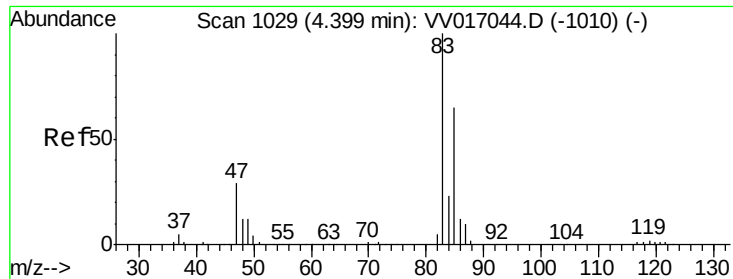
Bromochloromethane
Concen: 5.252 ug/L
RT: 4.27 min Scan# 990
Delta R.T. 0.00 min
Lab File: VV017069.D
Acq: 24 Jun 2020 14:05

Tgt Ion: 128 Resp: 27745
Ion Ratio Lower Upper
128 100
49 155.7 110.8 205.8
130 121.1 86.0 159.8
51 47.7 39.4 59.2



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

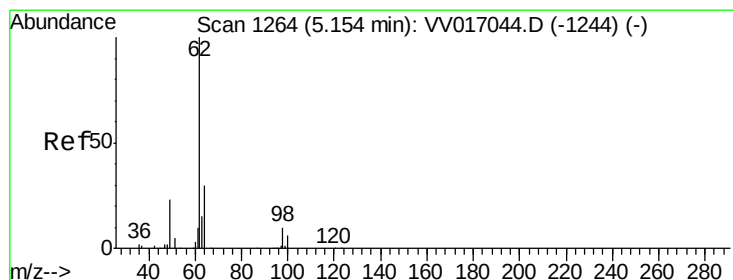
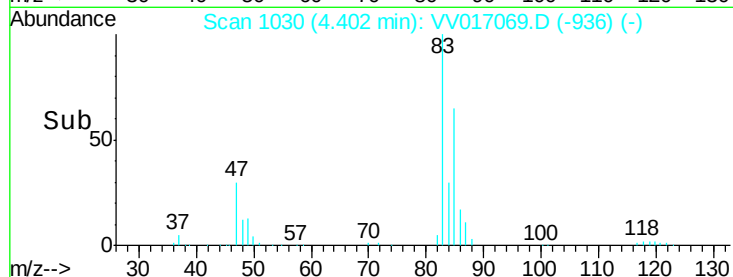
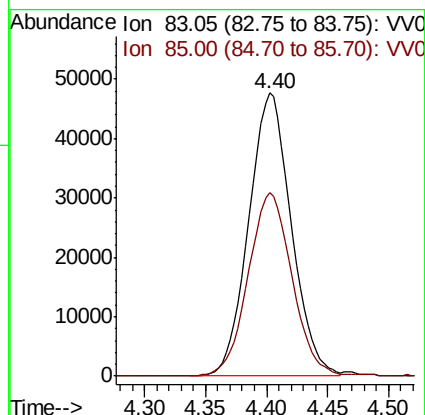
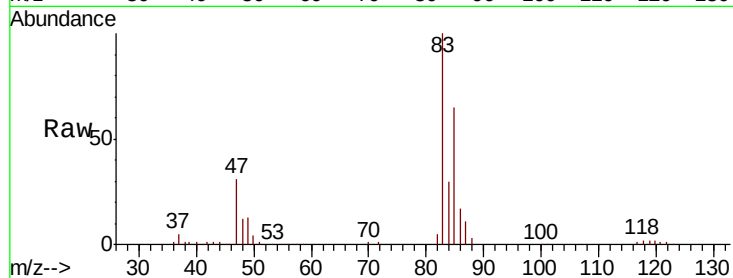




#25
Chloroform
Concen: 5.151 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017069.D
Acq: 24 Jun 2020 14:05

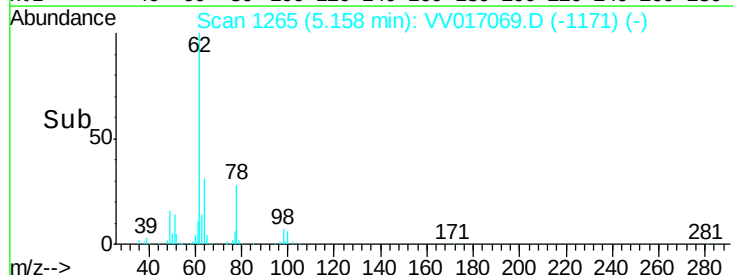
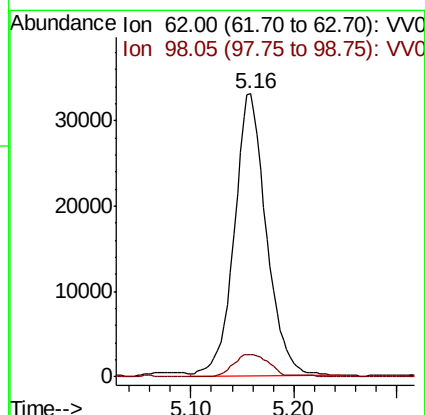
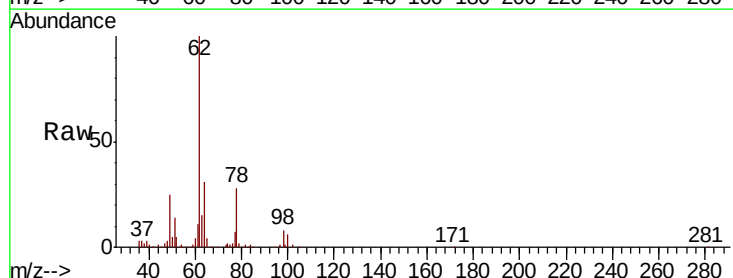
Instrument :
MSVOA_V
ClientSampleId :
VSTD00556

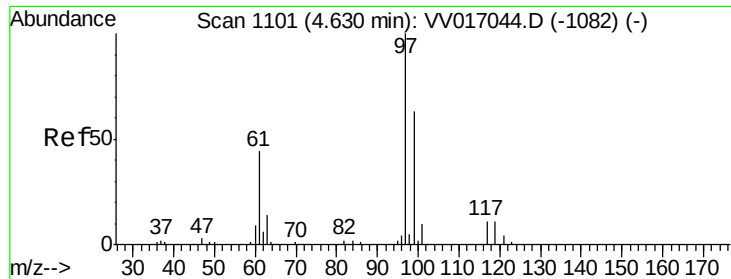
Tot Ion: 83 Resp: 114920
Ion Ratio Lower Upper
83 100
85 64.7 44.2 82.2



#27
1,2-Dichloroethane
Concen: 5.155 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV017069.D
Acq: 24 Jun 2020 14:05

Tgt Ion: 62 Resp: 71443
Ion Ratio Lower Upper
62 100
98 7.7 6.7 10.1

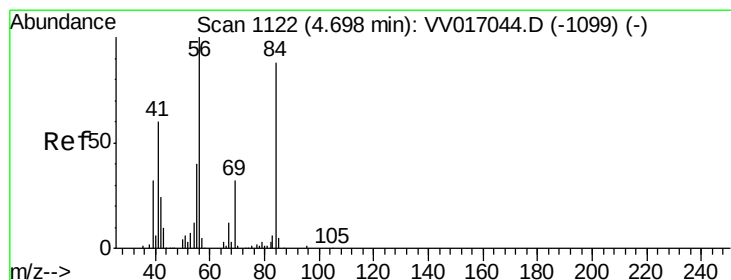
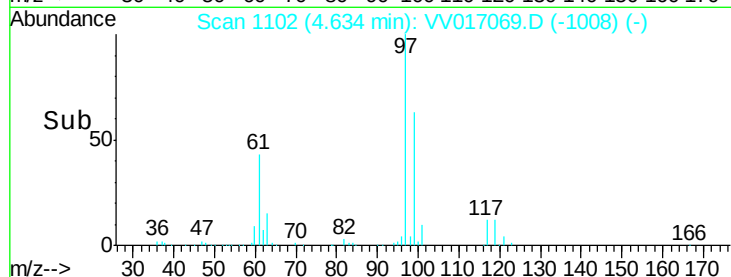
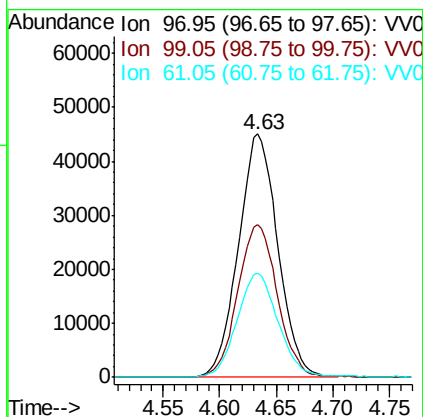
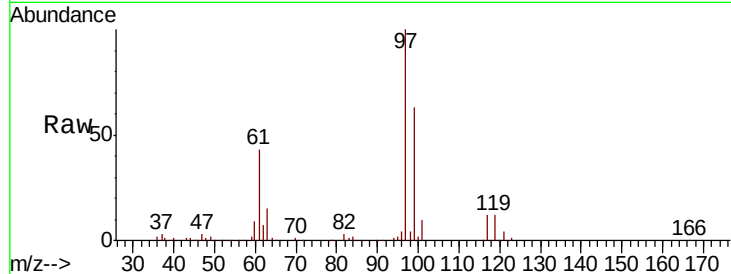




#29
 1,1,1-Trichloroethane
 Concen: 5.332 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

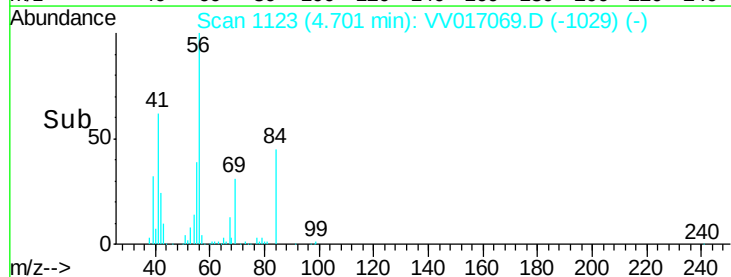
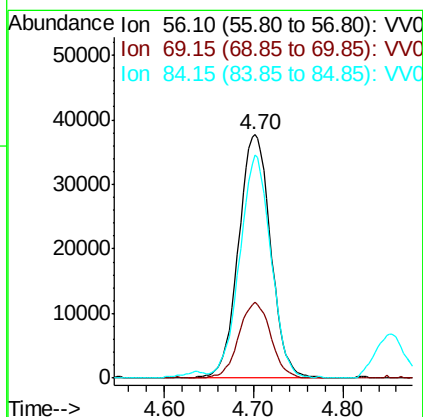
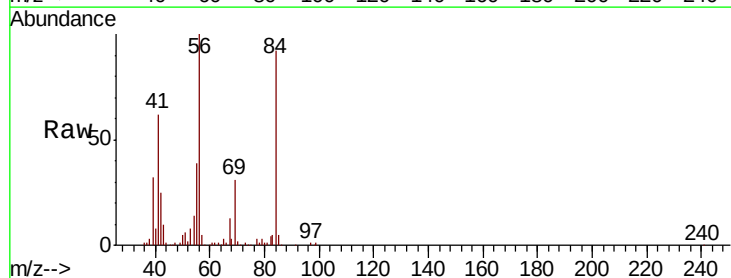
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

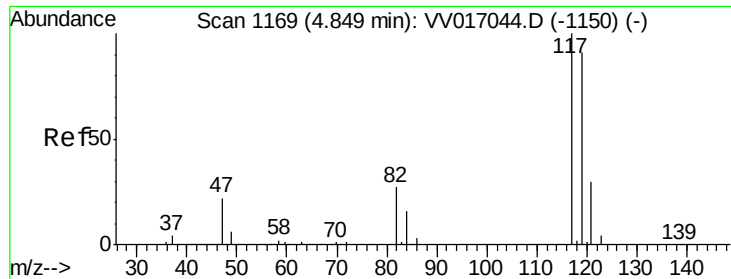
Tot Ion: 97 Resp: 109402
 Ion Ratio Lower Upper
 97 100
 99 63.0 50.3 75.5
 61 44.5 36.0 54.0



#30
 Cyclohexane
 Concen: 4.821 ug/L
 RT: 4.70 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Tgt Ion: 56 Resp: 94142
 Ion Ratio Lower Upper
 56 100
 69 30.8 24.4 36.6
 84 88.4 69.9 104.9





#31

Carbon tetrachloride

Concen: 5.318 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

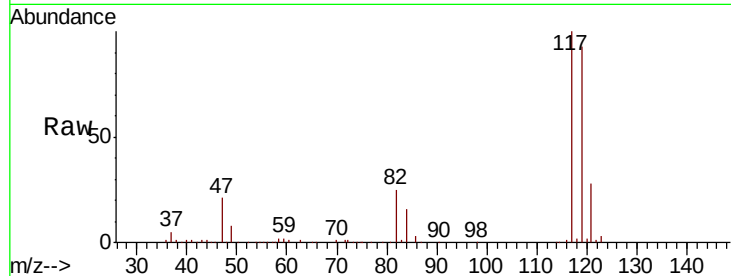
VSTD00556

Tot Ion:117 Resp: 98463

Ion Ratio Lower Upper

117 100

119 94.1 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

4.85

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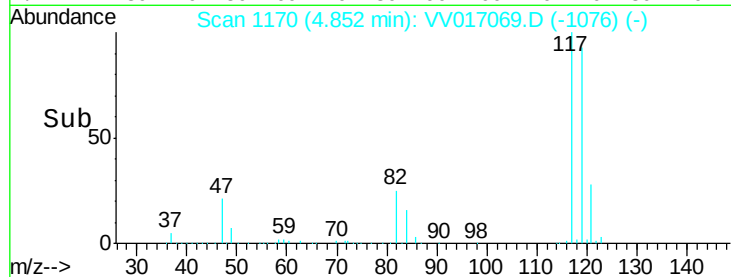
4.85

4.85

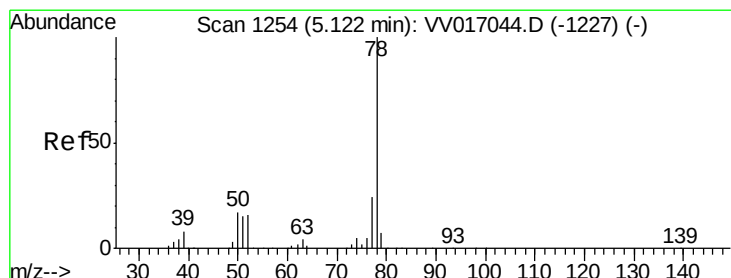
4.85

4.85

4.85



Time-->



#33

Benzene

Concen: 5.317 ug/L

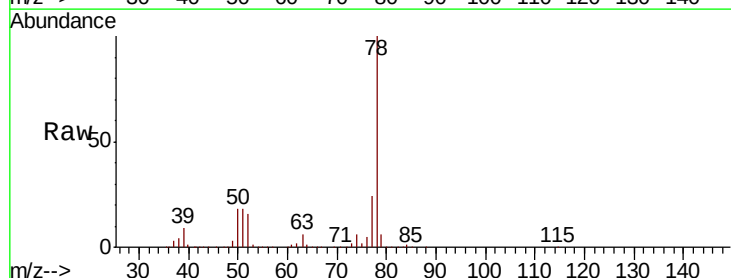
RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Tgt Ion: 78 Resp: 238486



Abundance Ion 78.10 (77.80 to 78.80): VV0

5.12

5.12

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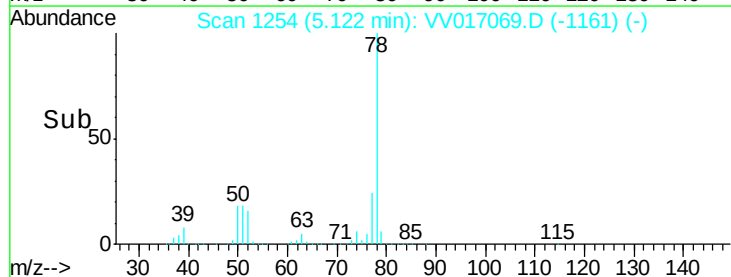
5.12

5.12

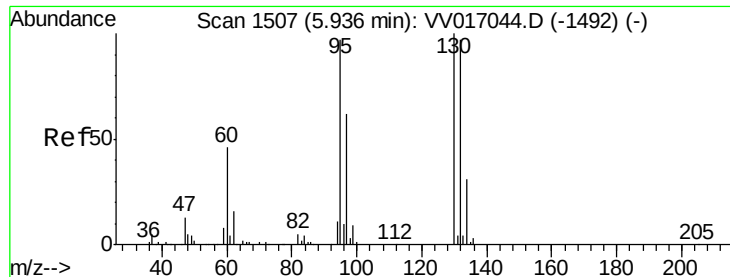
5.12

5.12

5.12



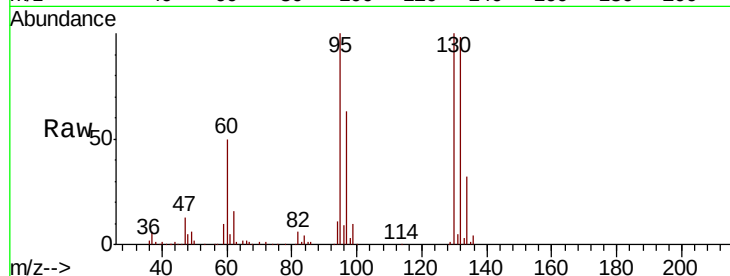
Time-->



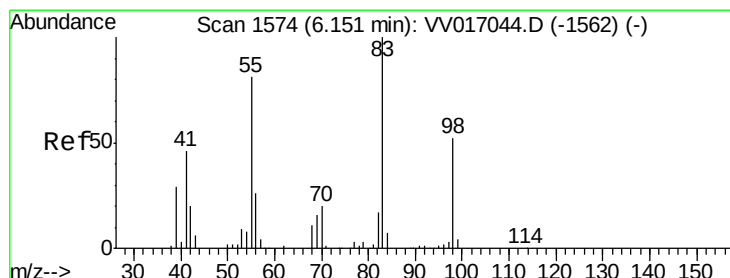
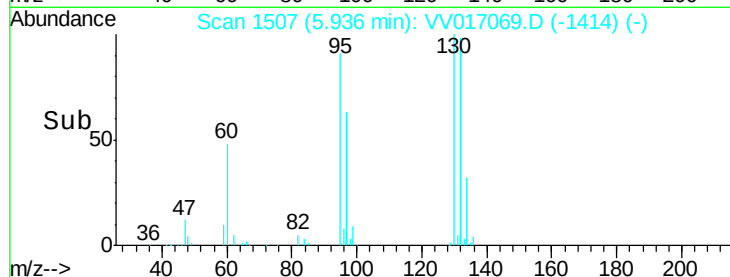
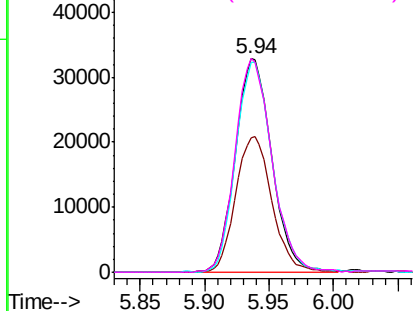
#34
 Trichloroethene
 Concen: 4.920 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Tot Ion: 95 Resp: 64624
 Ion Ratio Lower Upper
 95 100
 97 63.0 45.3 84.1
 132 98.2 68.8 127.8
 130 100.1 70.2 130.4

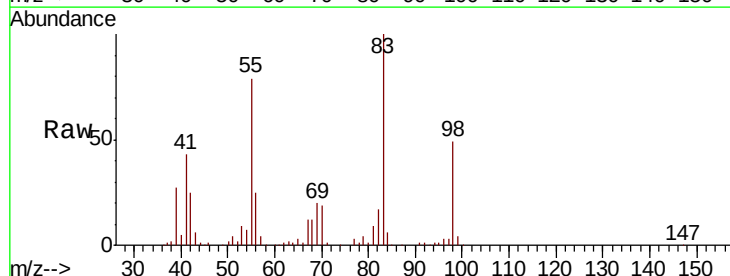


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

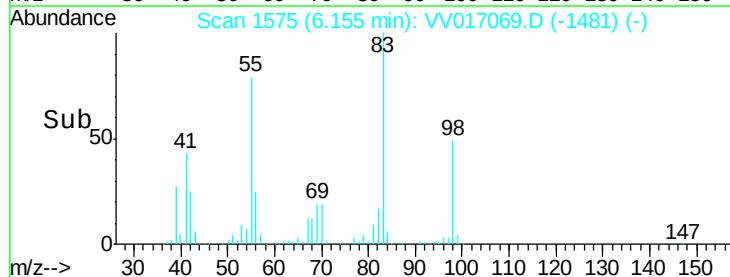
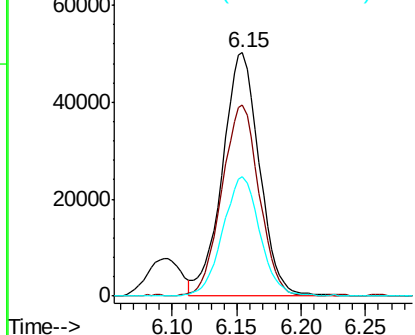


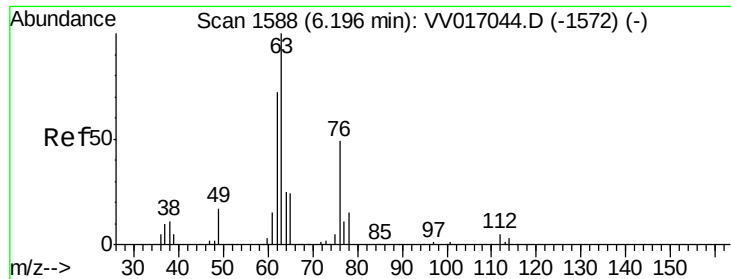
#35
 Methylcyclohexane
 Concen: 4.909 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Tgt Ion: 83 Resp: 100233
 Ion Ratio Lower Upper
 83 100
 55 78.3 63.6 95.4
 98 49.4 38.8 58.2



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0

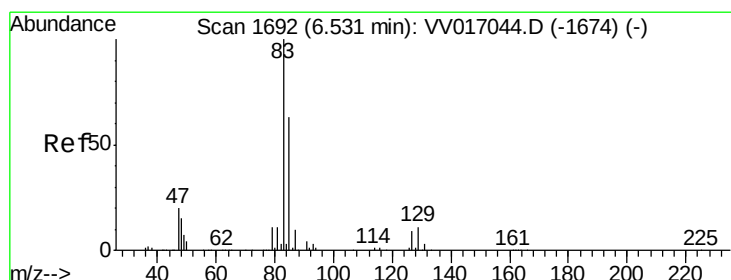
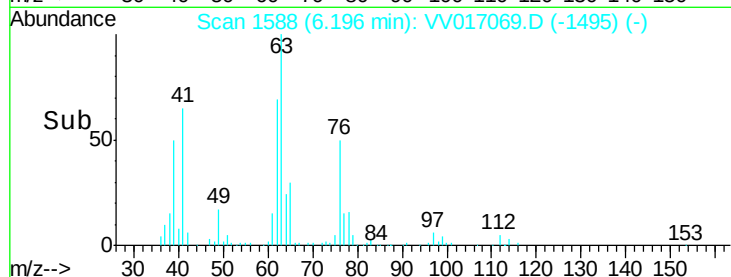
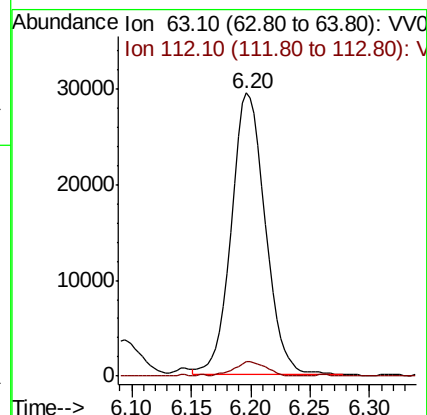
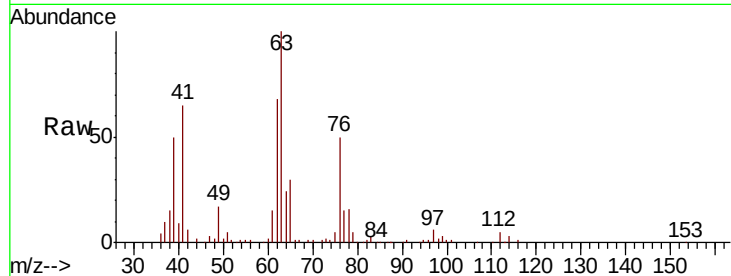




#37
 1,2-Dichloropropane
 Concen: 5.234 ug/L
 RT: 6.20 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

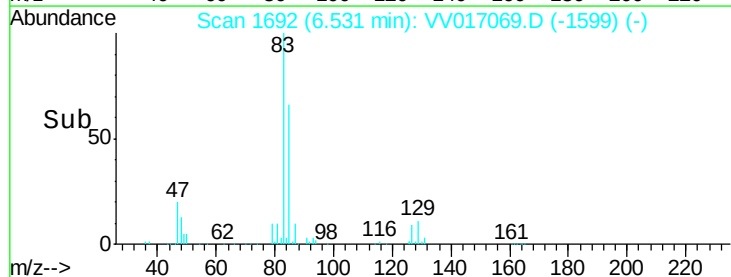
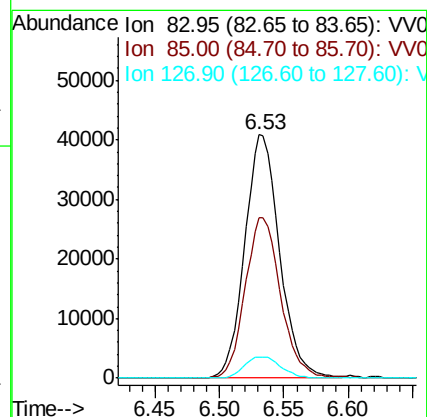
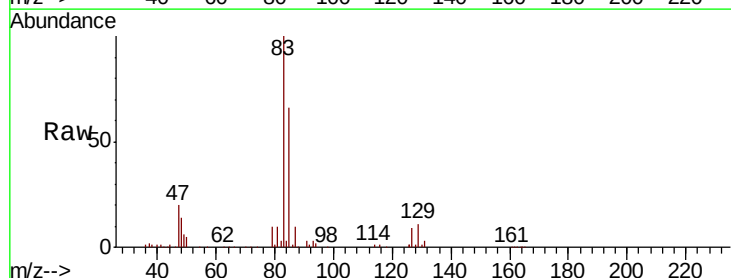
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

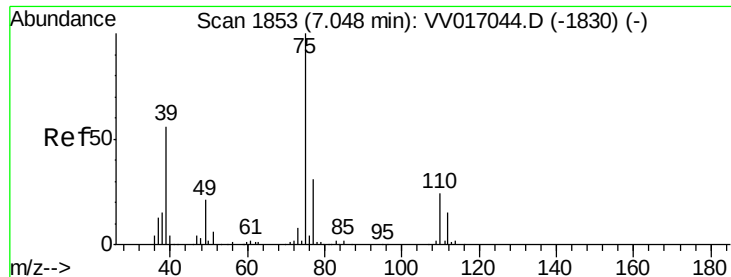
Tot Ion: 63 Resp: 58117
 Ion Ratio Lower Upper
 63 100
 112 4.8 4.4 6.6



#38
 Bromodichloromethane
 Concen: 5.093 ug/L
 RT: 6.53 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Tgt Ion: 83 Resp: 76820
 Ion Ratio Lower Upper
 83 100
 85 65.9 43.4 80.6
 127 8.8 7.9 11.9

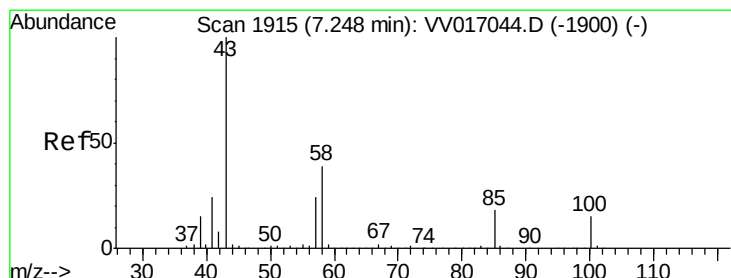
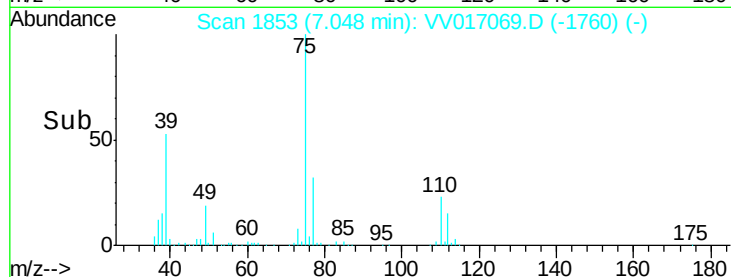
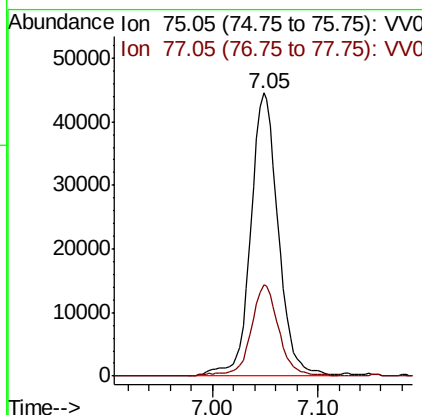
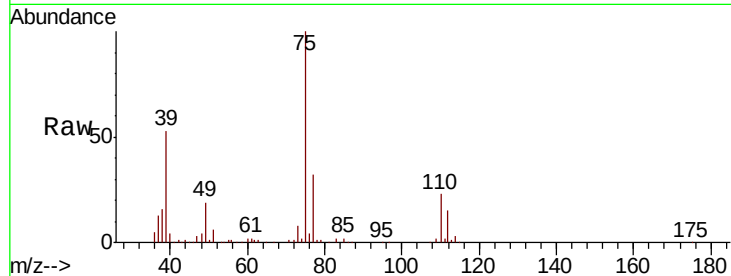




#39
 cis-1,3-Dichloropropene
 Concen: 4.942 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

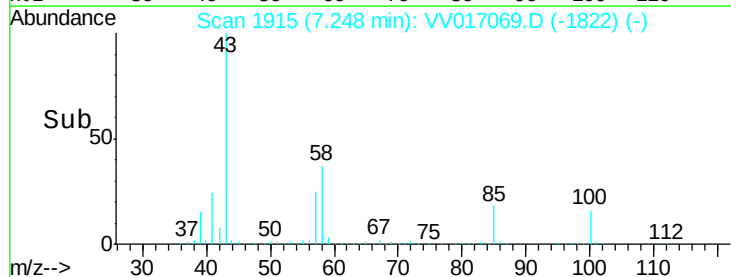
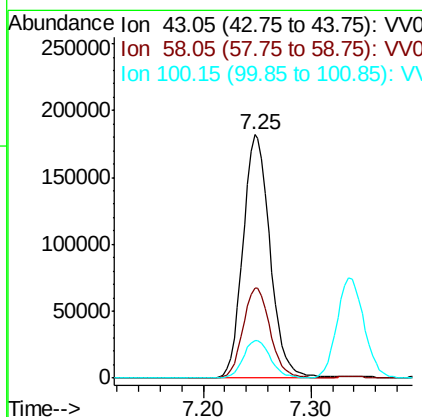
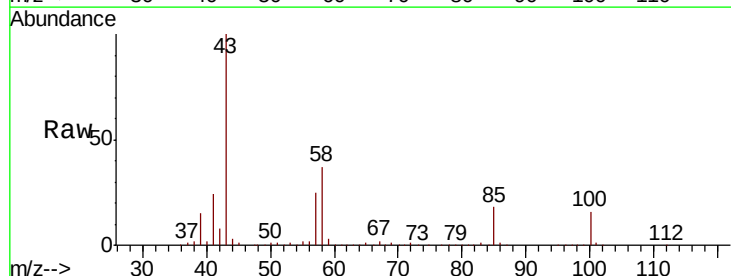
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

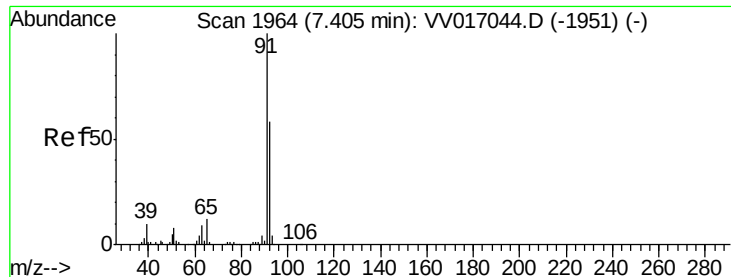
Tot Ion: 75 Resp: 81523
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 49.519 ug/L
 RT: 7.25 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Tgt Ion: 43 Resp: 317452
 Ion Ratio Lower Upper
 43 100
 58 37.4 30.4 45.6
 100 15.6 12.7 19.1





#42

Toluene

Concen: 4.977 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

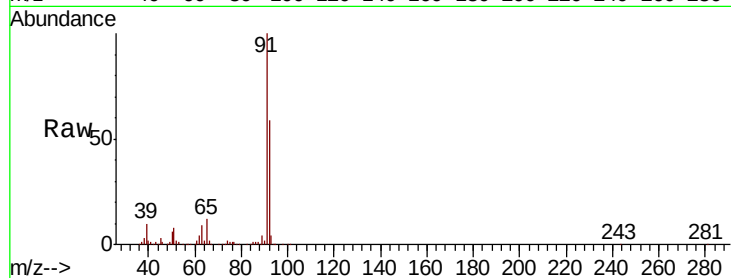
VSTD00556

Tot Ion: 91 Resp: 259527

Ion Ratio Lower Upper

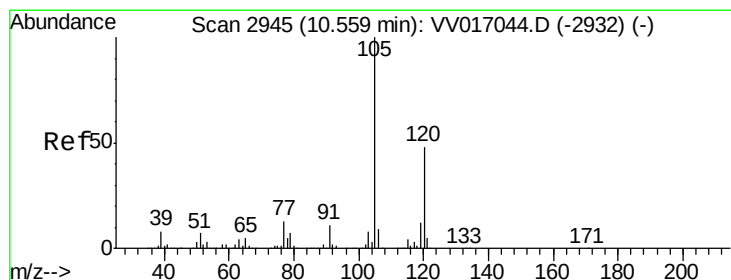
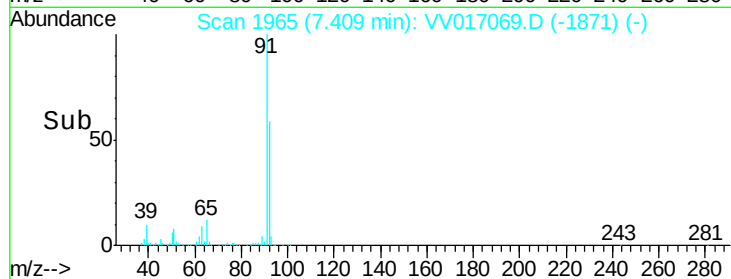
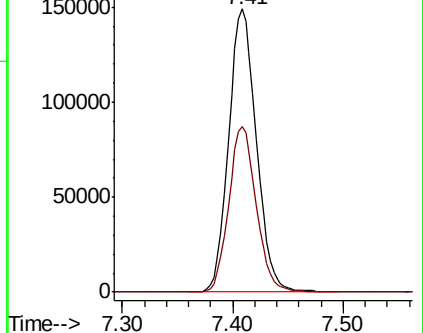
91 100

92 58.7 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV017044.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV017044.D (-1951) (-)



#43

1,3,5-Trimethylbenzene

Concen: 5.126 ug/L

RT: 10.56 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VV017069.D

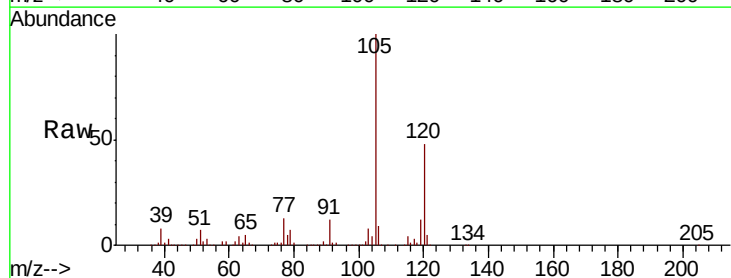
Acq: 24 Jun 2020 14:05

Tgt Ion: 105 Resp: 239027

Ion Ratio Lower Upper

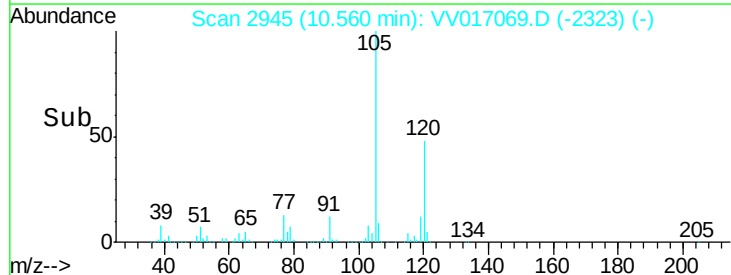
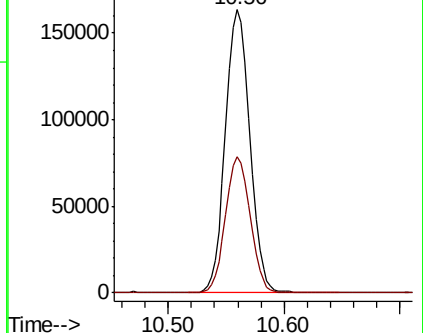
105 100

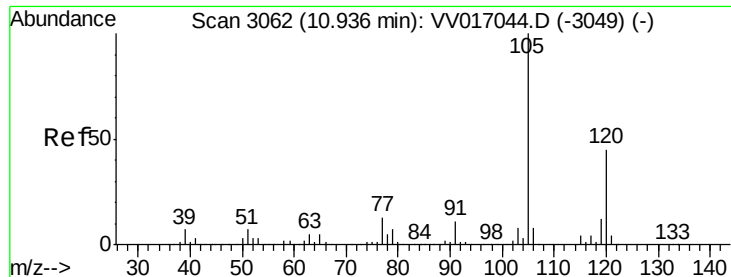
120 48.5 38.6 57.8



Abundance Ion 105.00 (104.70 to 105.70): VV017044.D (-2932) (-)

Ion 120.00 (119.70 to 120.70): VV017044.D (-2932) (-)

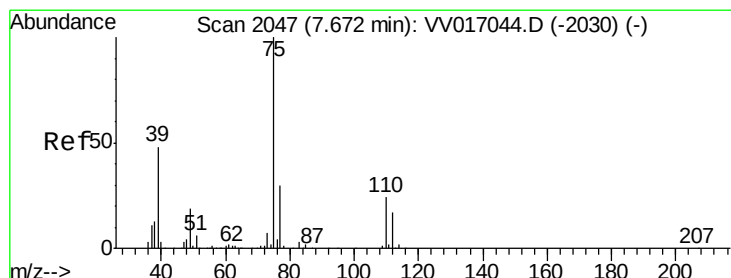
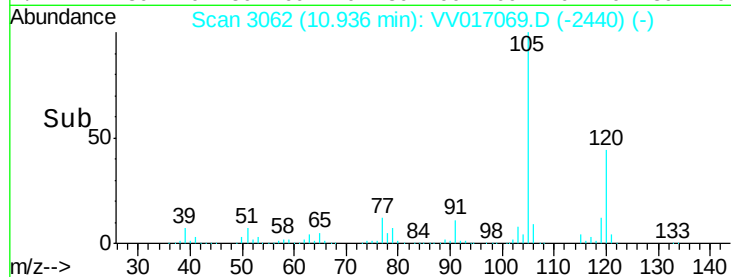
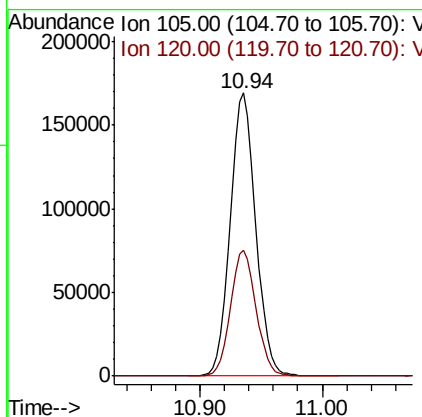
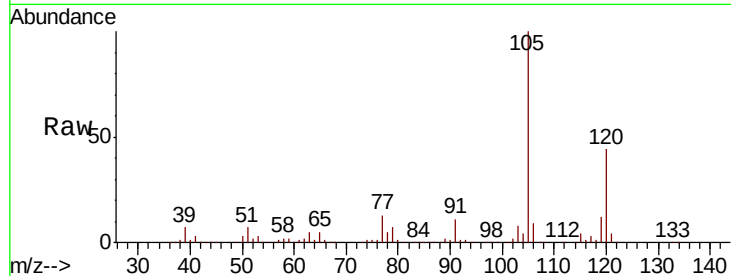




#44
 1,2,4-Trimethylbenzene
 Concen: 5.219 ug/L
 RT: 10.94 min Scan# 3062
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

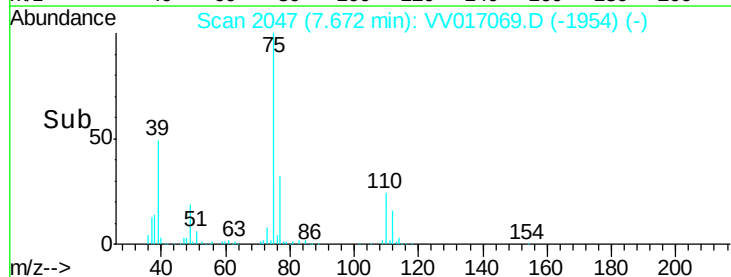
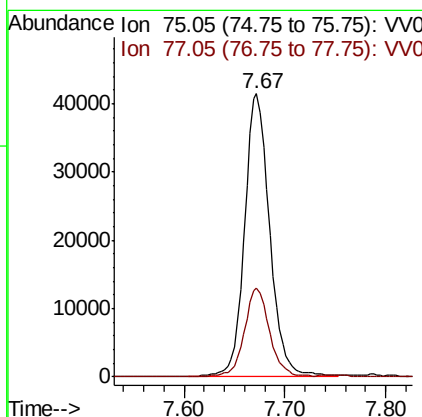
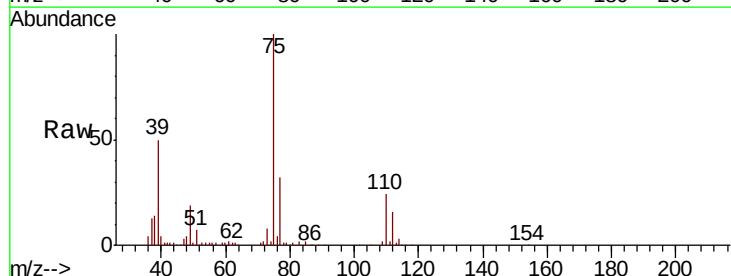
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

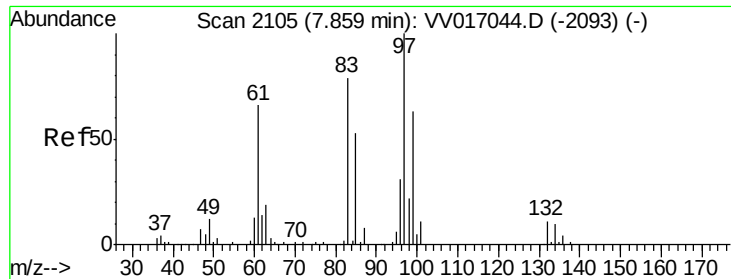
Tot Ion:105 Resp: 247826
 Ion Ratio Lower Upper
 105 100
 120 44.5 35.8 53.8



#46
 trans-1,3-Dichloropropene
 Concen: 5.007 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Tgt Ion: 75 Resp: 71452
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.3 41.3

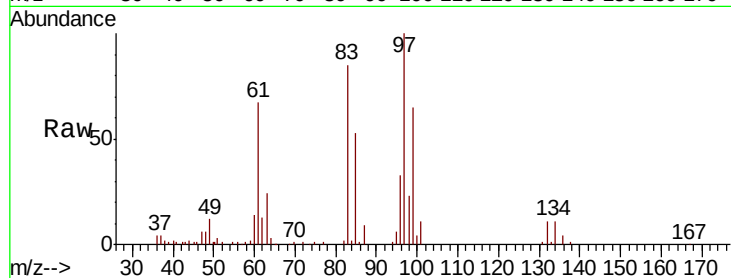




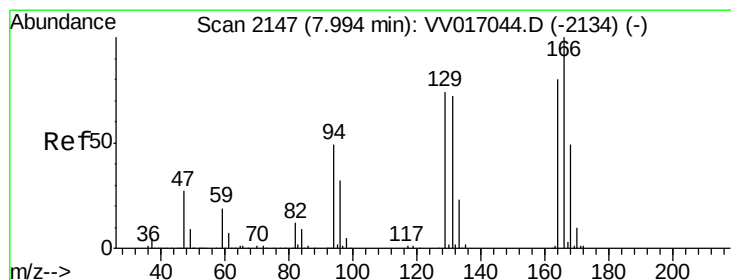
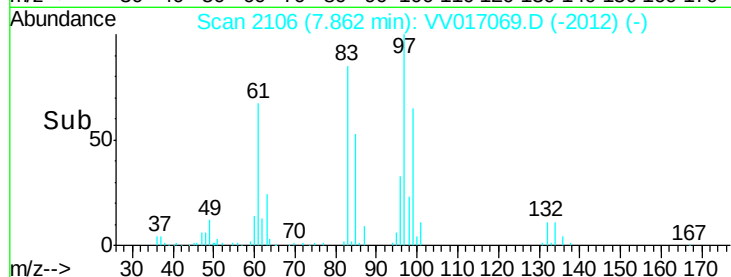
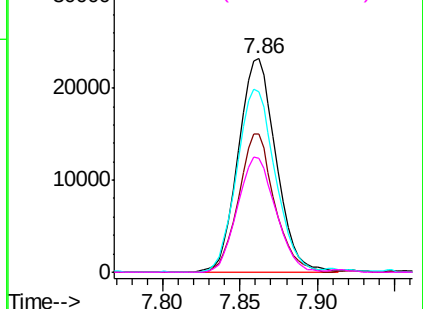
#47
 1,1,2-Trichloroethane
 Concen: 5.006 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Tot Ion: 97 Resp: 39427
 Ion Ratio Lower Upper
 97 100
 99 64.7 43.6 81.0
 83 84.7 57.4 106.6
 85 53.4 38.8 72.0

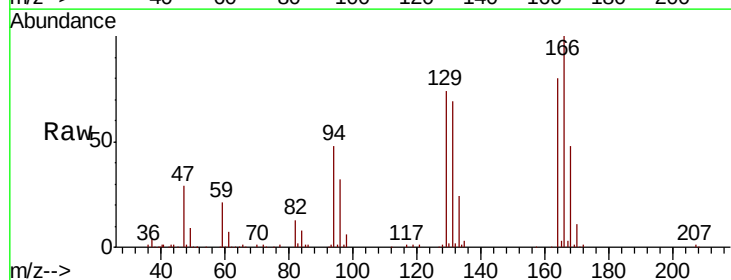


Abundance Ion 96.95 (96.65 to 97.65): VV017044.D (-2093) (-)
 Ion 99.05 (98.75 to 99.75): VV017044.D (-2093) (-)
 Ion 82.95 (82.65 to 83.65): VV017044.D (-2093) (-)
 Ion 85.00 (84.70 to 85.70): VV017044.D (-2093) (-)

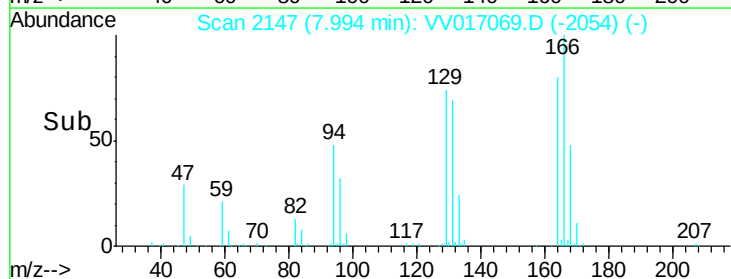
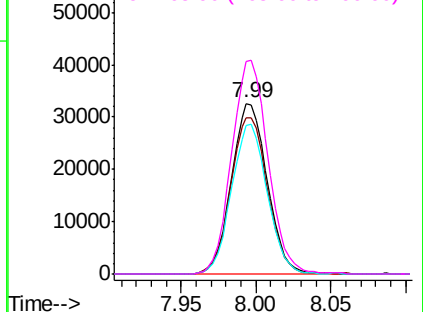


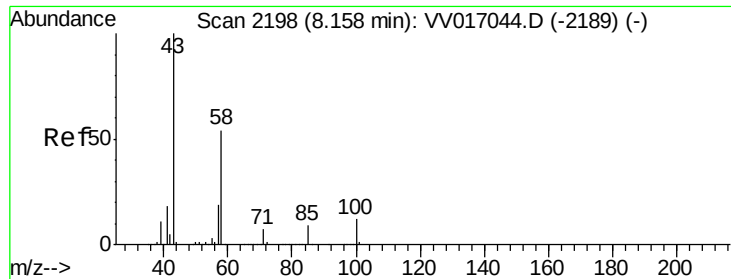
#49
 Tetrachloroethene
 Concen: 5.125 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Tgt Ion: 164 Resp: 54180
 Ion Ratio Lower Upper
 164 100
 129 92.0 65.2 121.0
 131 87.0 64.1 119.1
 166 125.1 90.2 167.4



Abundance Ion 163.90 (163.60 to 164.60): VV017044.D (-2134) (-)
 Ion 128.95 (128.65 to 129.65): VV017044.D (-2134) (-)
 Ion 130.95 (130.65 to 131.65): VV017044.D (-2134) (-)
 Ion 165.90 (165.60 to 166.60): VV017044.D (-2134) (-)

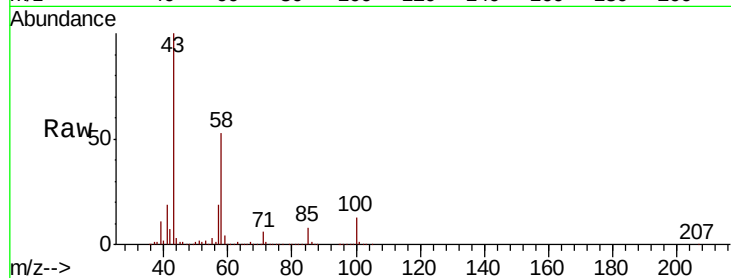




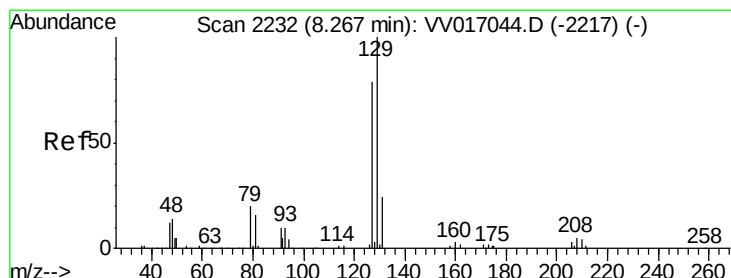
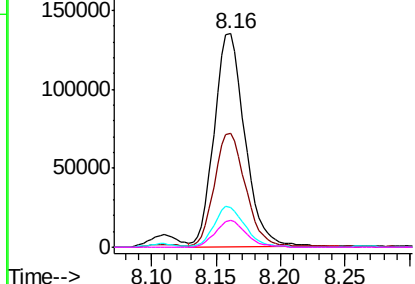
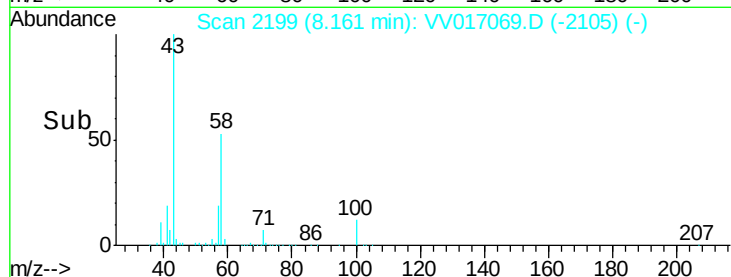
#50
2-Hexanone
Concen: 48.657 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV017069.D
Acq: 24 Jun 2020 14:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD00556

Tot Ion: 43 Resp: 221983
Ion Ratio Lower Upper
43 100
58 54.6 41.6 62.4
57 19.5 15.4 23.0
100 12.6 10.1 15.1

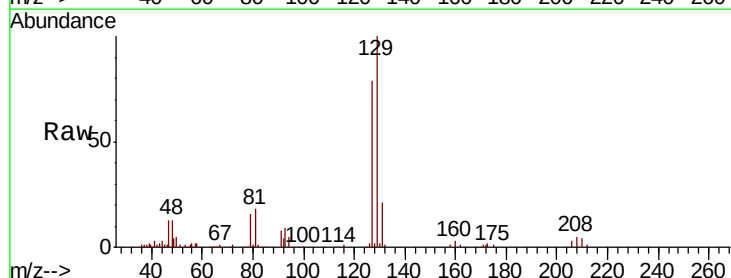


Abundance Ion 43.05 (42.75 to 43.75): VV017069.D (-2105) (-)
Ion 58.05 (57.75 to 58.75): VV017069.D (-2105) (-)
Ion 57.20 (56.90 to 57.90): VV017069.D (-2105) (-)
Ion 100.15 (99.85 to 100.85): VV017069.D (-2105) (-)

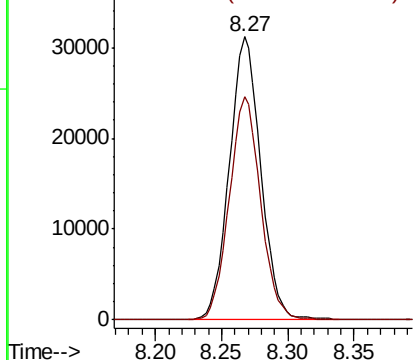
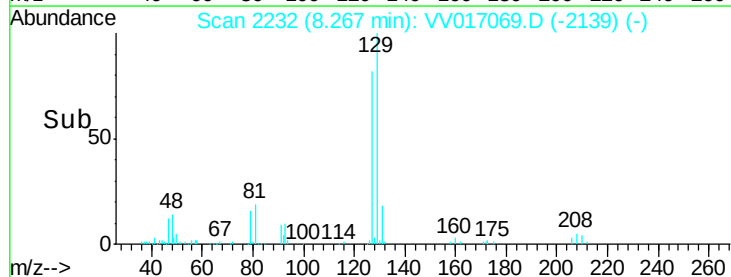


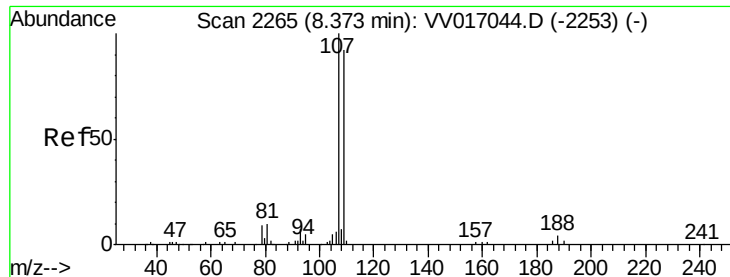
#51
Dibromochloromethane
Concen: 5.381 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV017069.D
Acq: 24 Jun 2020 14:05

Tgt Ion: 129 Resp: 51368
Ion Ratio Lower Upper
129 100
127 78.9 54.1 100.5



Abundance Ion 128.95 (128.65 to 129.65): VV017069.D (-2139) (-)
Ion 126.90 (126.60 to 127.60): VV017069.D (-2139) (-)





#52

1,2-Dibromoethane

Concen: 5.048 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD00556

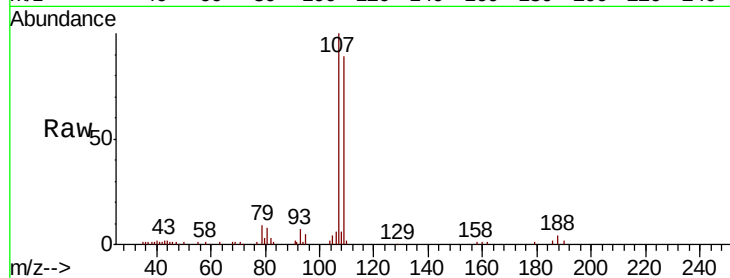
Tot Ion:107 Resp: 37698

Ion Ratio Lower Upper

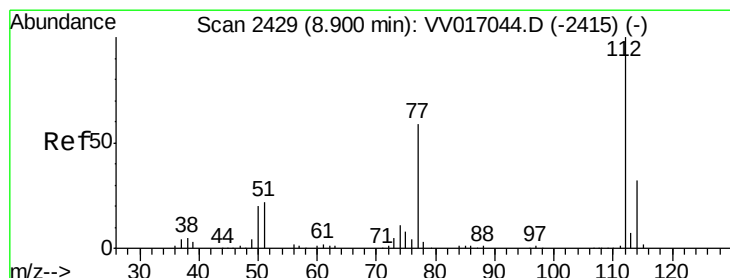
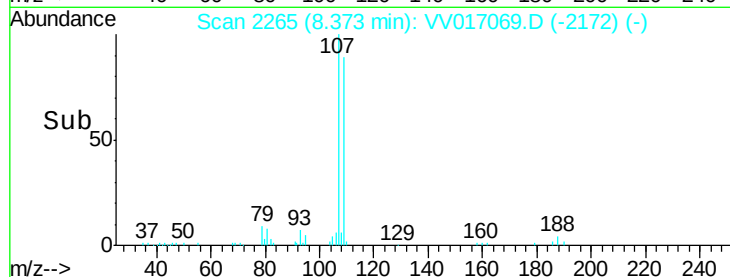
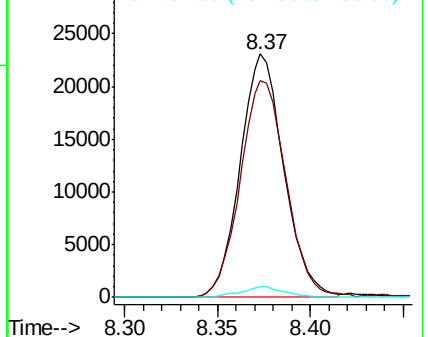
107 100

109 89.2 69.4 128.8

188 4.1 3.9 5.9



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



#53

Chlorobenzene

Concen: 5.129 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

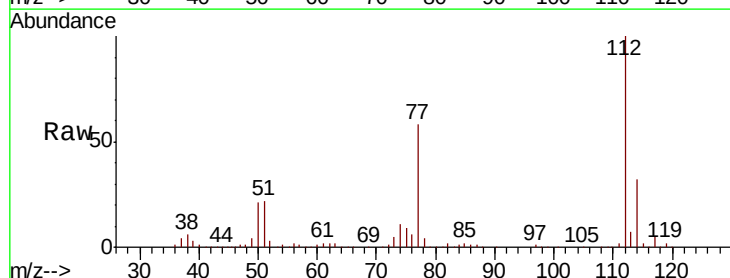
Tgt Ion:112 Resp: 166733

Ion Ratio Lower Upper

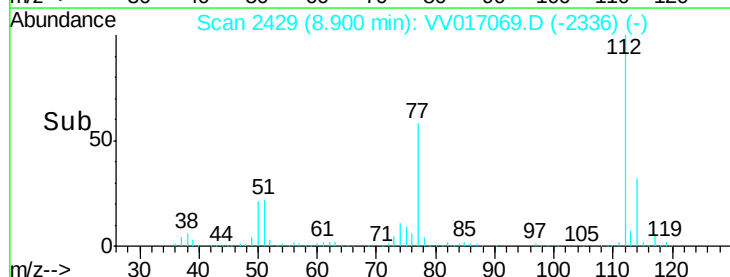
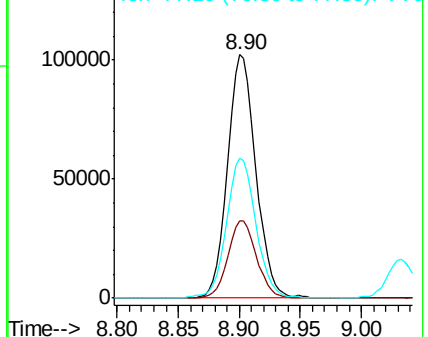
112 100

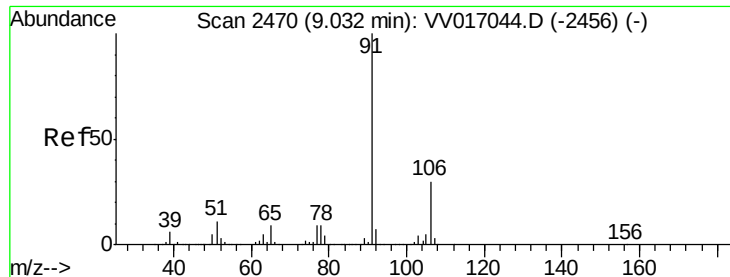
114 31.9 22.0 41.0

77 57.7 46.0 69.0



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





#54

Ethylbenzene

Concen: 5.151 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

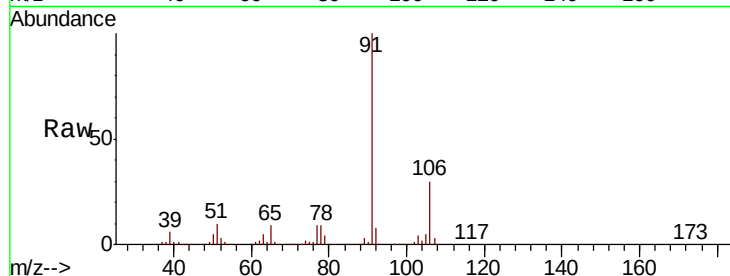
VSTD00556

Tot Ion: 91 Resp: 286709

Ion Ratio Lower Upper

91 100

106 30.3 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VV017044.D (-2456) (-)

Ion 106.15 (105.85 to 106.85): VV017044.D (-2456) (-)

9.03

200000

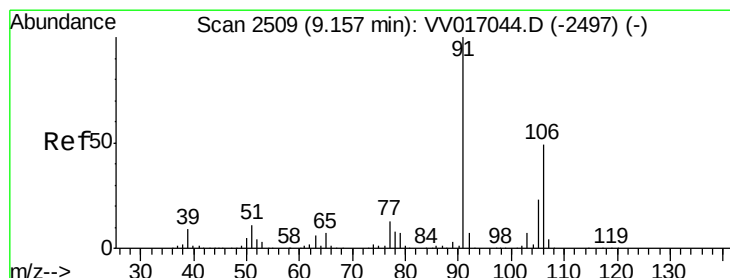
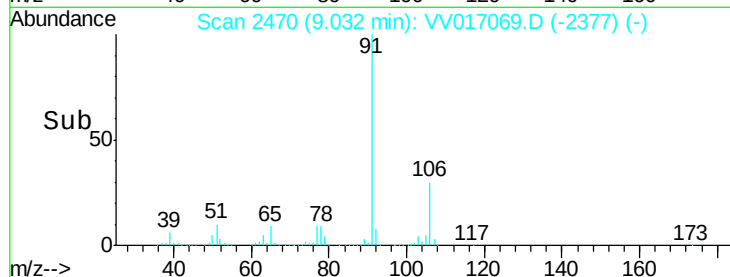
150000

100000

50000

0

Time-->



#55

m,p-xylene

Concen: 4.988 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV017069.D

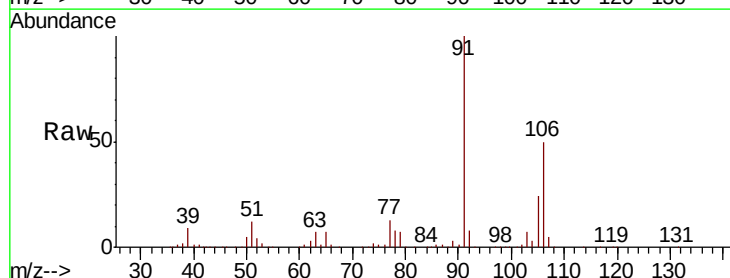
Acq: 24 Jun 2020 14:05

Tgt Ion: 106 Resp: 108890

Ion Ratio Lower Upper

106 100

91 199.8 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): VV017044.D (-2497) (-)

Ion 91.15 (90.85 to 91.85): VV017044.D (-2497) (-)

9.16

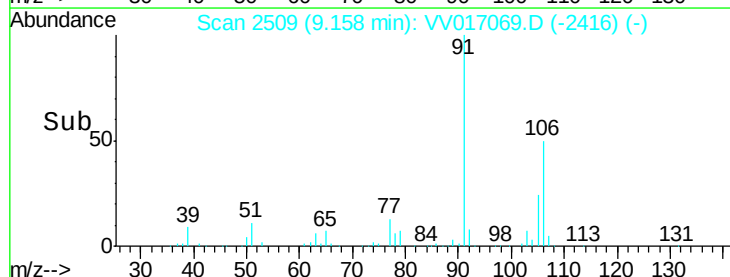
150000

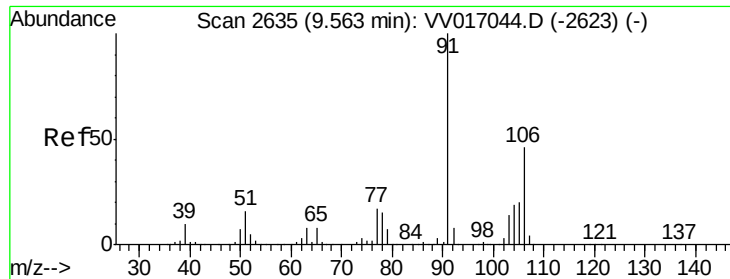
100000

50000

0

Time-->

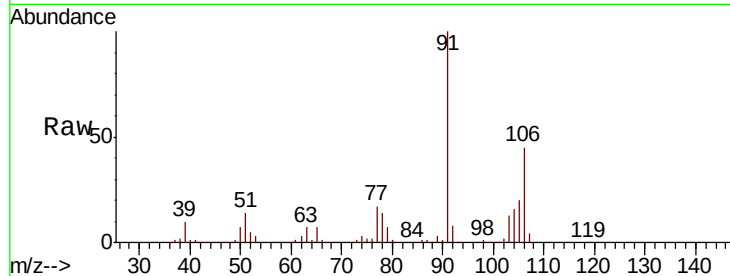




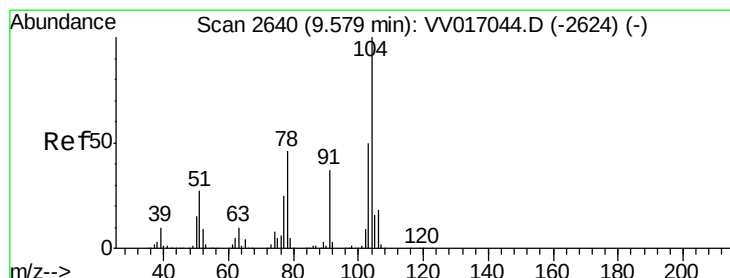
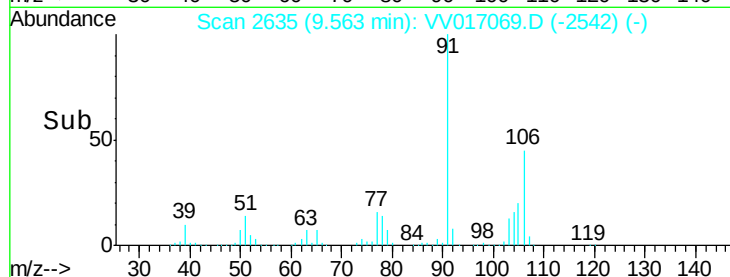
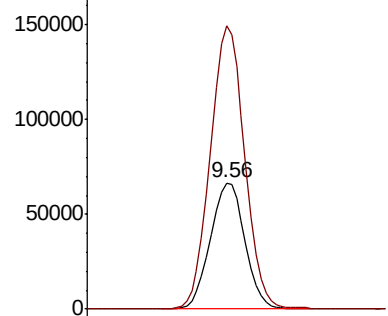
#56
o-xylene
Concen: 5.063 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV017069.D
Acq: 24 Jun 2020 14:05

Instrument :
MSVOA_V
ClientSampleId :
VSTD00556

Tot Ion:106 Resp: 103147
Ion Ratio Lower Upper
106 100
91 224.5 153.6 285.2

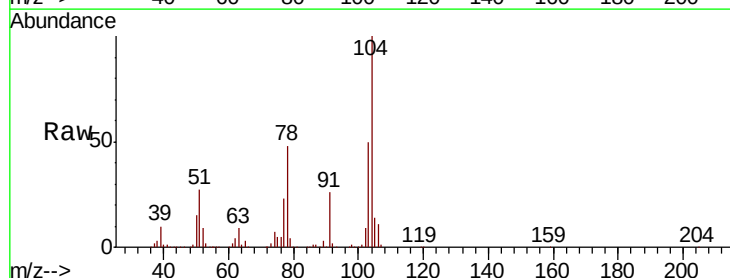


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

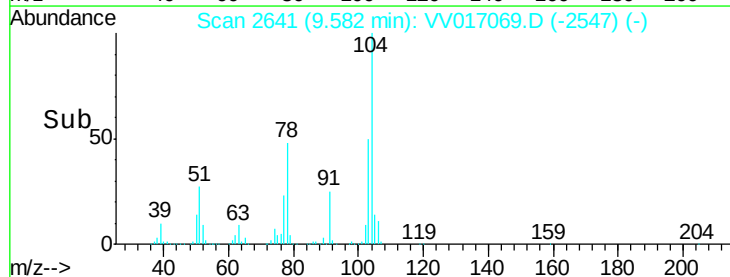
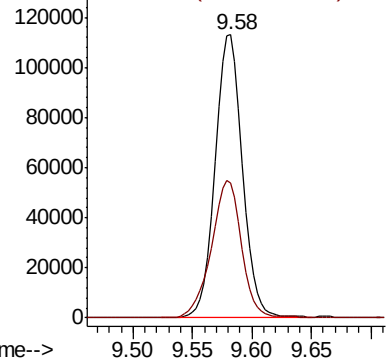


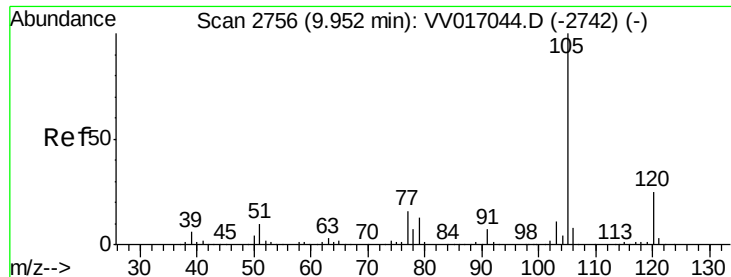
#57
Styrene
Concen: 5.341 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV017069.D
Acq: 24 Jun 2020 14:05

Tgt Ion:104 Resp: 180302
Ion Ratio Lower Upper
104 100
78 47.8 33.9 62.9



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#58

Isopropylbenzene

Concen: 5.124 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD00556

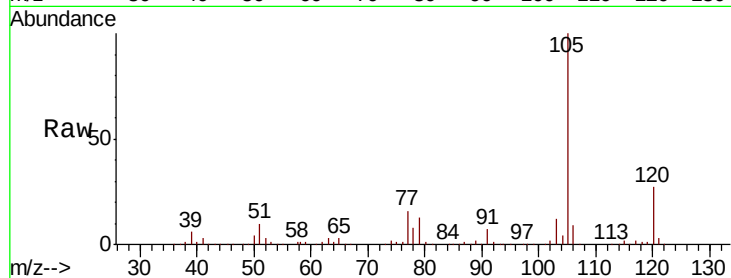
Tot Ion:105 Resp: 287302

Ion Ratio Lower Upper

105 100

120 26.3 21.2 31.8

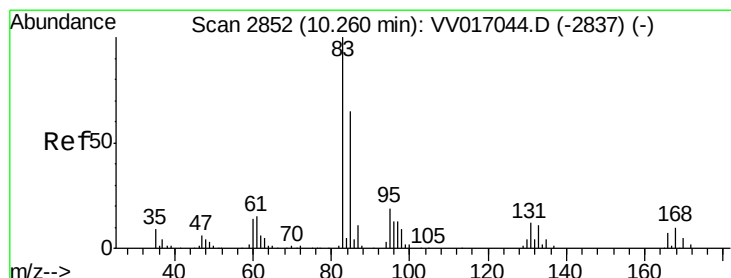
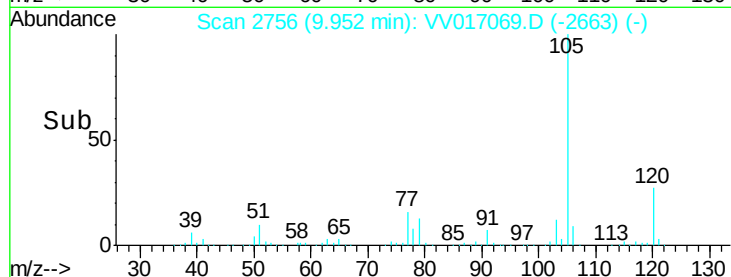
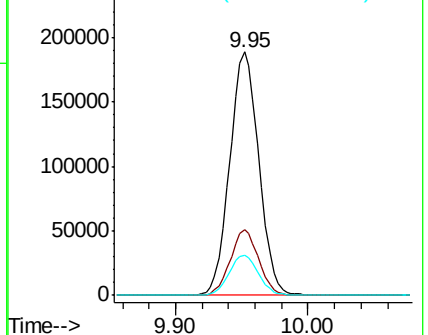
77 16.8 13.0 19.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 5.681 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

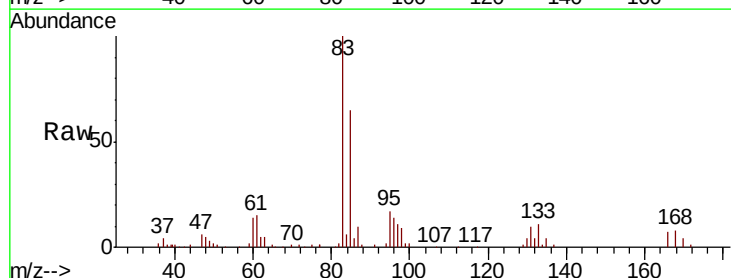
Tgt Ion: 83 Resp: 46277

Ion Ratio Lower Upper

83 100

85 65.3 42.9 79.7

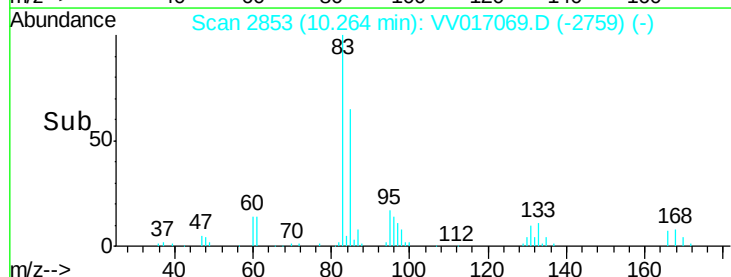
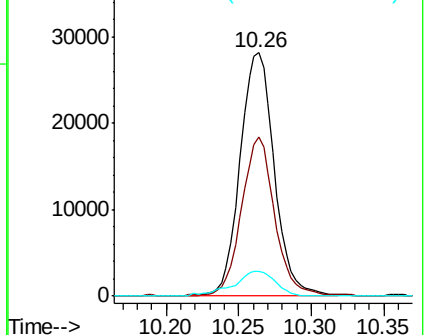
131 10.2 8.6 13.0

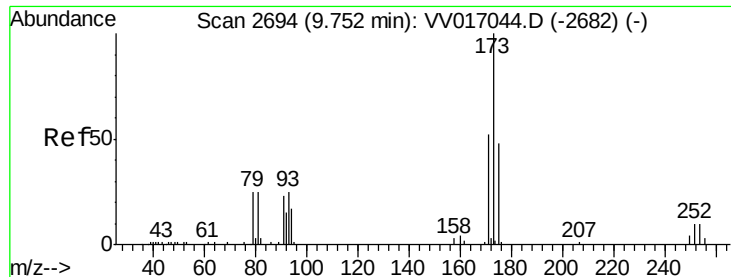


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 5.408 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD00556

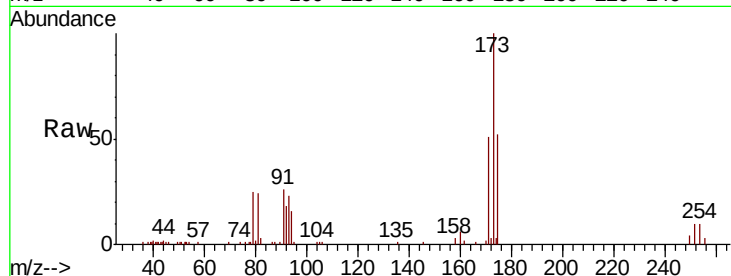
Tot Ion:173 Resp: 26589

Ion Ratio Lower Upper

173 100

175 50.9 39.4 59.2

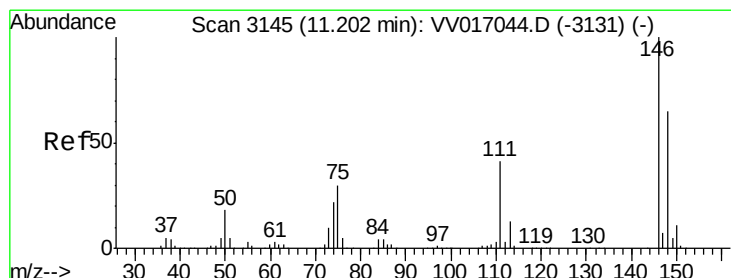
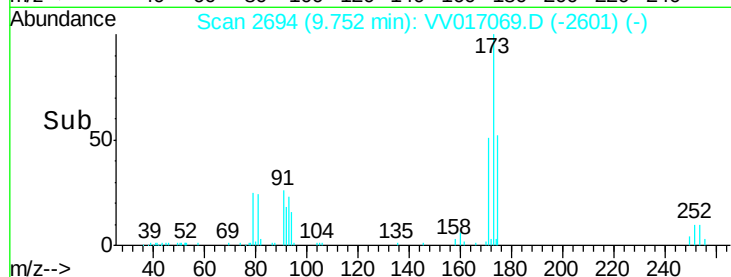
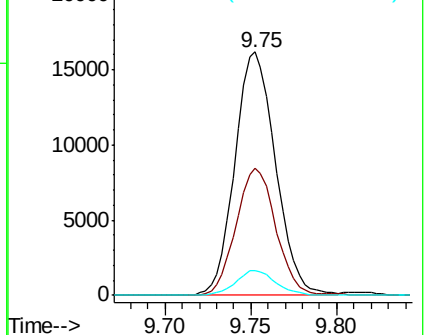
254 10.0 7.4 11.2



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 5.084 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

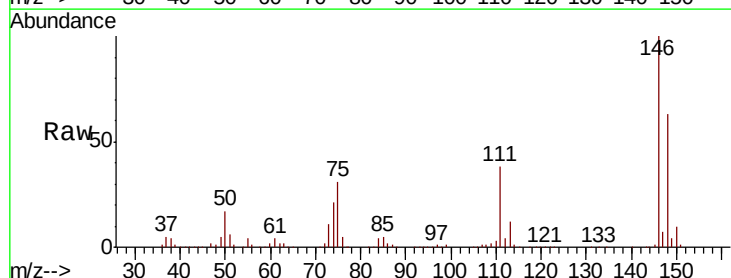
Tgt Ion:146 Resp: 140648

Ion Ratio Lower Upper

146 100

111 38.4 29.2 54.2

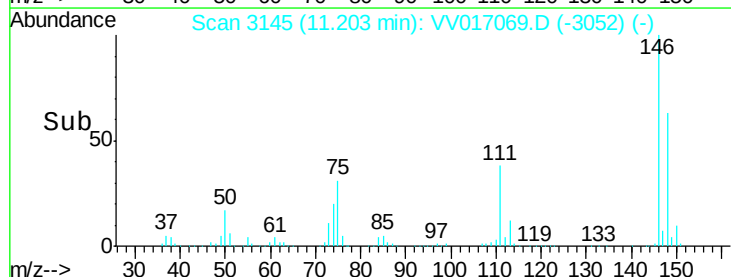
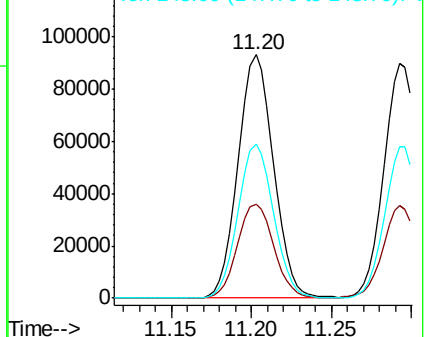
148 63.2 44.9 83.5

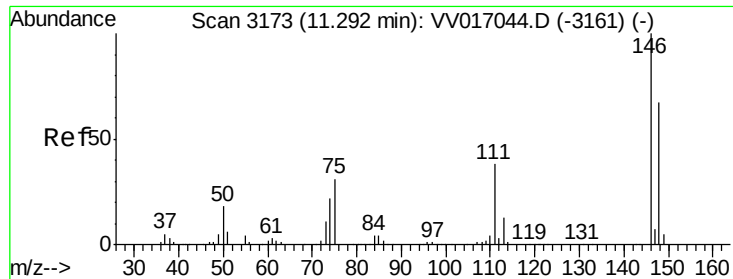


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

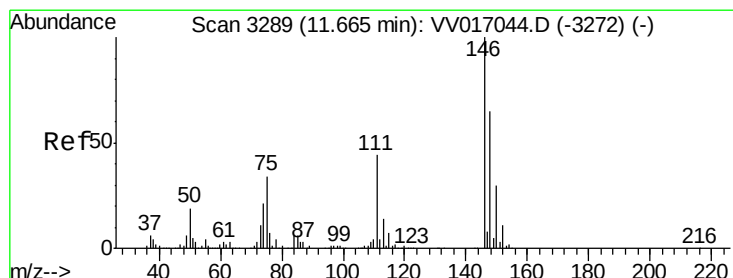
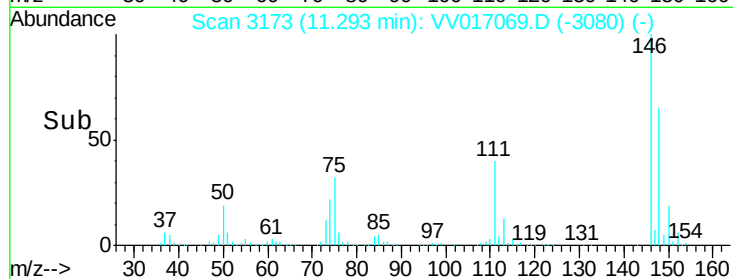
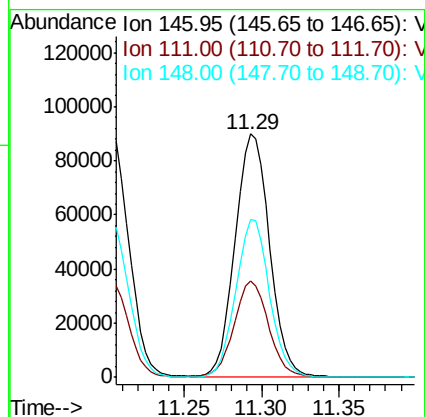
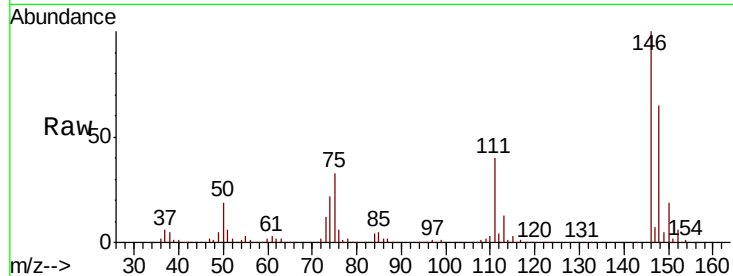




#64
 1,4-Dichlorobenzene
 Concen: 4.933 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

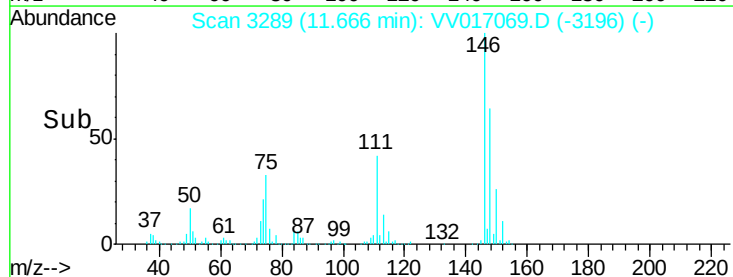
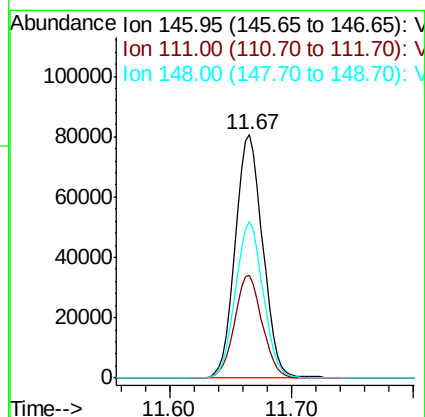
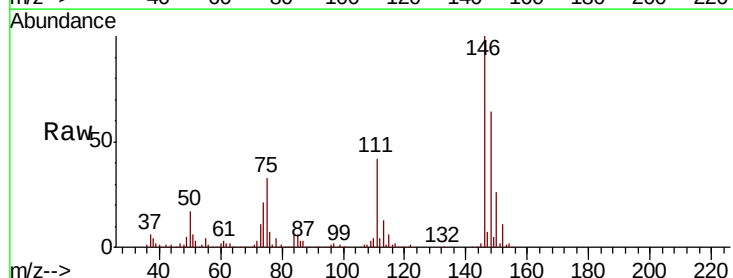
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

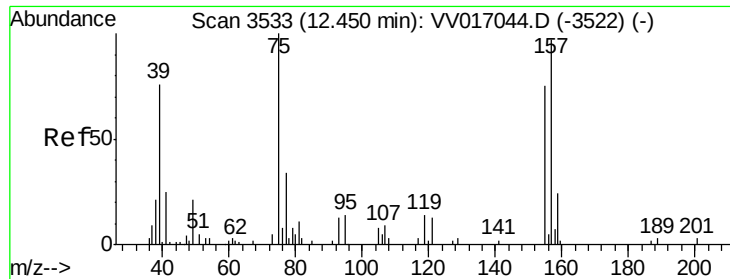
Tot Ion:146 Resp: 138712
 Ion Ratio Lower Upper
 146 100
 111 39.6 27.4 50.8
 148 64.7 44.3 82.3



#66
 1,2-Dichlorobenzene
 Concen: 5.014 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Tgt Ion:146 Resp: 125894
 Ion Ratio Lower Upper
 146 100
 111 42.2 34.4 51.6
 148 64.2 49.9 74.9





#67

1,2-Dibromo-3-chloropropane

Concen: 6.086 ug/L

RT: 12.45 min Scan# 3534

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Instrument :

MSVOA_V

ClientSampleId :

VSTD00556

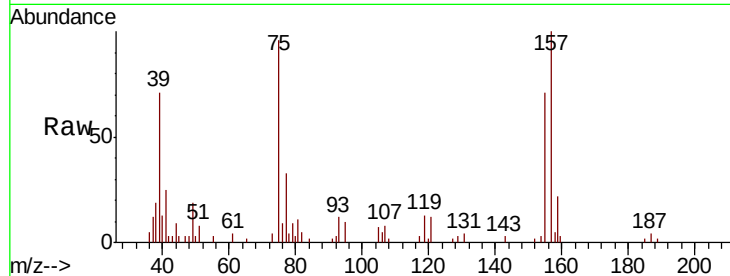
Tot Ion: 75 Resp: 8452

Ion Ratio Lower Upper

75 100

155 73.8 71.1 106.7

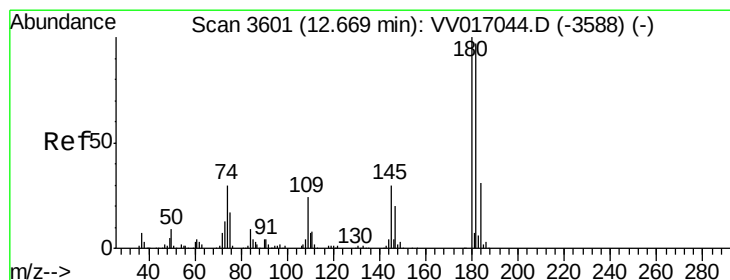
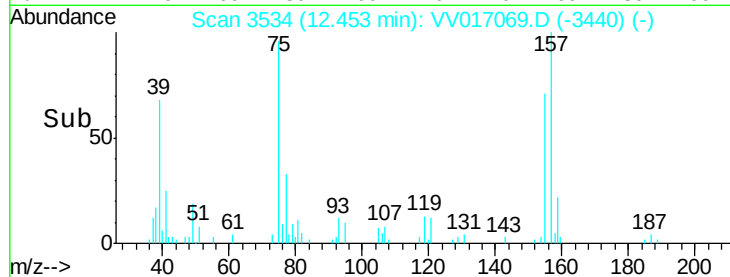
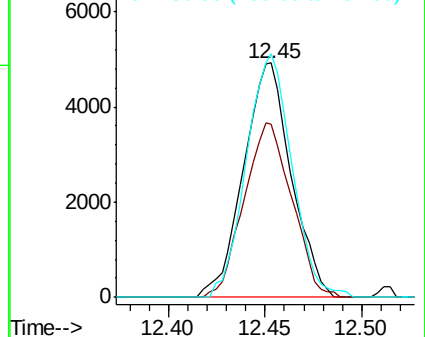
157 104.0 88.3 132.5



Abundance Ion 75.05 (74.75 to 75.75): VV017069.D (-3440) (-)

Ion 154.95 (154.65 to 155.65): VV017069.D (-3440) (-)

Ion 156.90 (156.60 to 157.60): VV017069.D (-3440) (-)



#68

1,3,5-Trichlorobenzene

Concen: 4.931 ug/L

RT: 12.67 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VV017069.D

Acq: 24 Jun 2020 14:05

Tgt Ion: 180 Resp: 109595

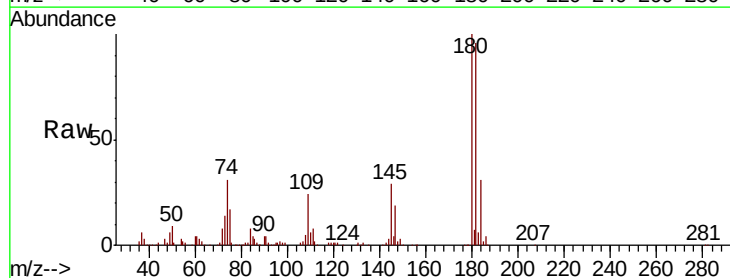
Ion Ratio Lower Upper

180 100

182 95.0 77.4 116.2

184 31.4 24.2 36.4

145 28.9 24.3 36.5

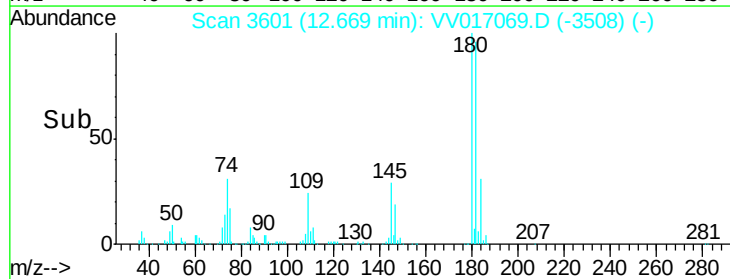
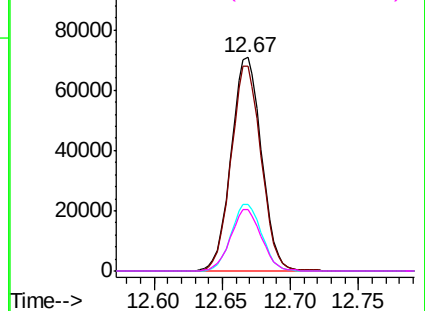


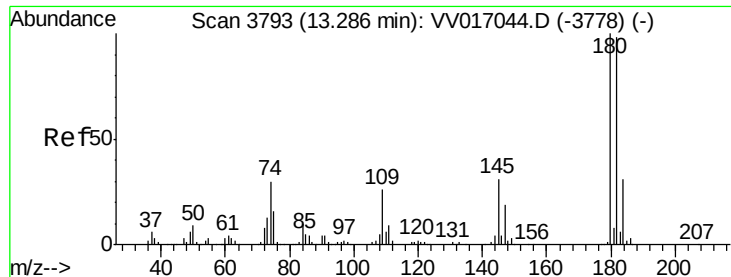
Abundance Ion 180.00 (179.70 to 180.70): VV017069.D (-3508) (-)

Ion 182.00 (181.70 to 182.70): VV017069.D (-3508) (-)

Ion 184.00 (183.70 to 184.70): VV017069.D (-3508) (-)

Ion 145.00 (144.70 to 145.70): VV017069.D (-3508) (-)

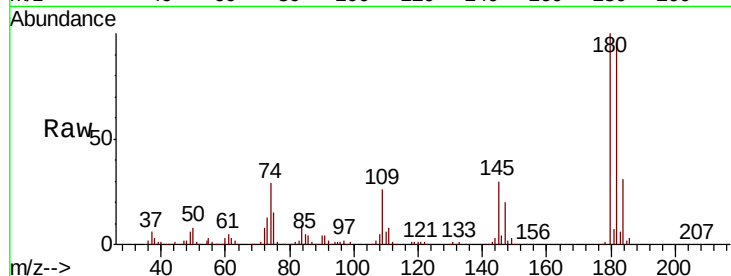




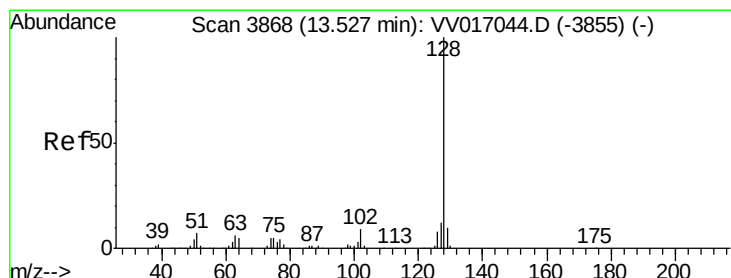
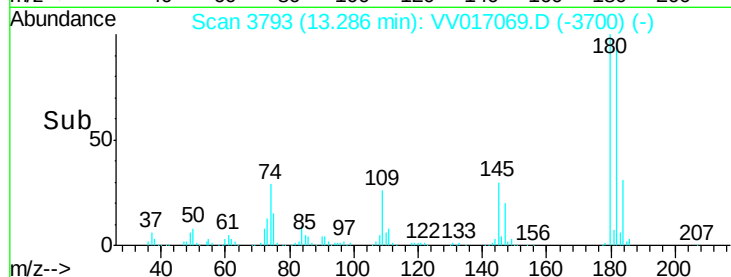
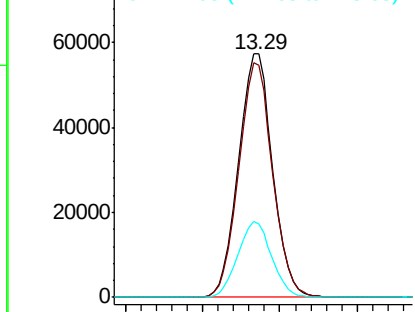
#69
 1,2,4-trichlorobenzene
 Concen: 4.790 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Tot Ion:180 Resp: 87650
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.6 114.8
 145 30.9 25.0 37.6

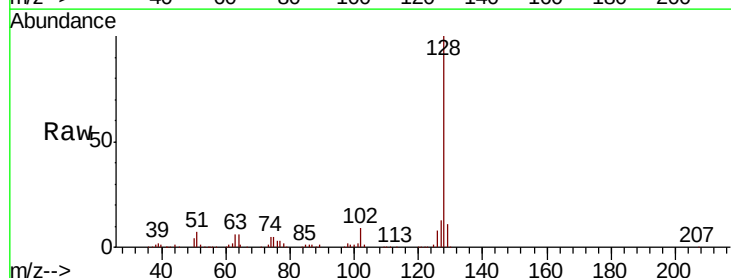


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

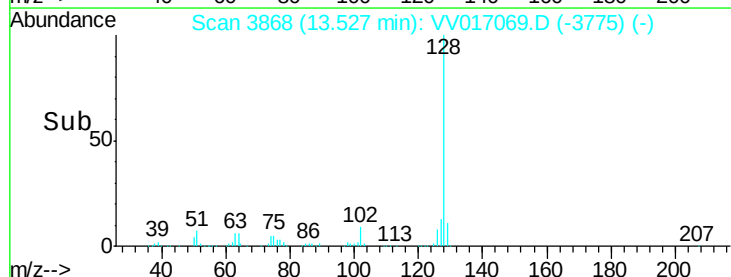
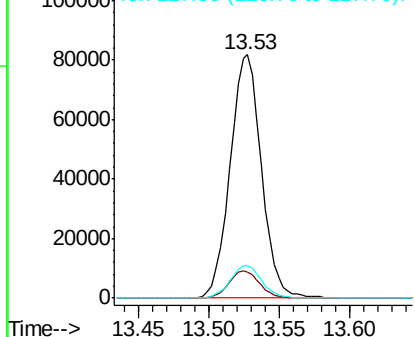


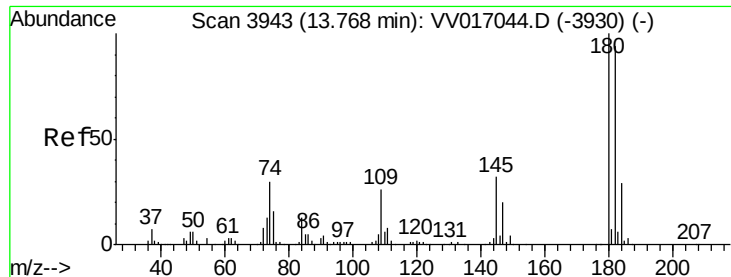
#70
 Naphthalene
 Concen: 4.921 ug/L
 RT: 13.53 min Scan# 3868
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Tgt Ion:128 Resp: 127153
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.8 13.2
 127 13.4 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V





#71
 1,2,3-Trichlorobenzene
 Concen: 5.125 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV017069.D
 Acq: 24 Jun 2020 14:05

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Tot Ion:180	Resp:	76485
Ion	Ratio	Lower Upper
180	100	
182	95.7	77.4 116.0
145	32.5	25.9 38.9

