

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017067.D
 Acq On : 23 Jun 2020 20:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Quant Time: Jun 24 05:08:18 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	178977	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	172648	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	94200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43071	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.58	69	33898	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.13	63	91320	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	3.93	46	128996	47.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.24%
24) Chloroform-d	4.38	84	101913	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	58676	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.07	84	205350	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	60400	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.34	98	200462	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
45) trans-1,3-Dichloropropene-	7.64	79	24787	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
48) 2-Hexanone-d5	8.11	63	90849	42.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43213	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	76462	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	73204	5.124	ug/L 99
3) Chloromethane	1.25	50	60021	4.957	ug/L 98
5) Vinyl chloride	1.32	62	60798	5.177	ug/L 99
6) Bromomethane	1.53	94	28197	4.119	ug/L 93
8) Chloroethane	1.60	64	35429	5.459	ug/L 99
9) Trichlorofluoromethane	1.77	101	100185	5.268	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	49876	5.262	ug/L 99
12) 1,1-Dichloroethene	2.14	96	46647	5.431	ug/L 85
13) Acetone	2.20	43	72710	52.539	ug/L 96
14) Carbon disulfide	2.31	76	131595	5.113	ug/L 98
15) Methyl Acetate	2.45	43	17567	5.192	ug/L 98
16) Methylene chloride	2.52	84	46560	5.062	ug/L 98
17) Methyl tert-butyl Ether	2.79	73	115252	5.344	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	48980	5.381	ug/L 96
19) 1,1-Dichloroethane	3.21	63	108285	5.295	ug/L 97
21) 2-Butanone	4.01	43	143223	54.901	ug/L 100
22) cis-1,2-Dichloroethene	3.94	96	63451	5.098	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017067.D
 Acq On : 23 Jun 2020 20:33
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Quant Time: Jun 24 05:08:18 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

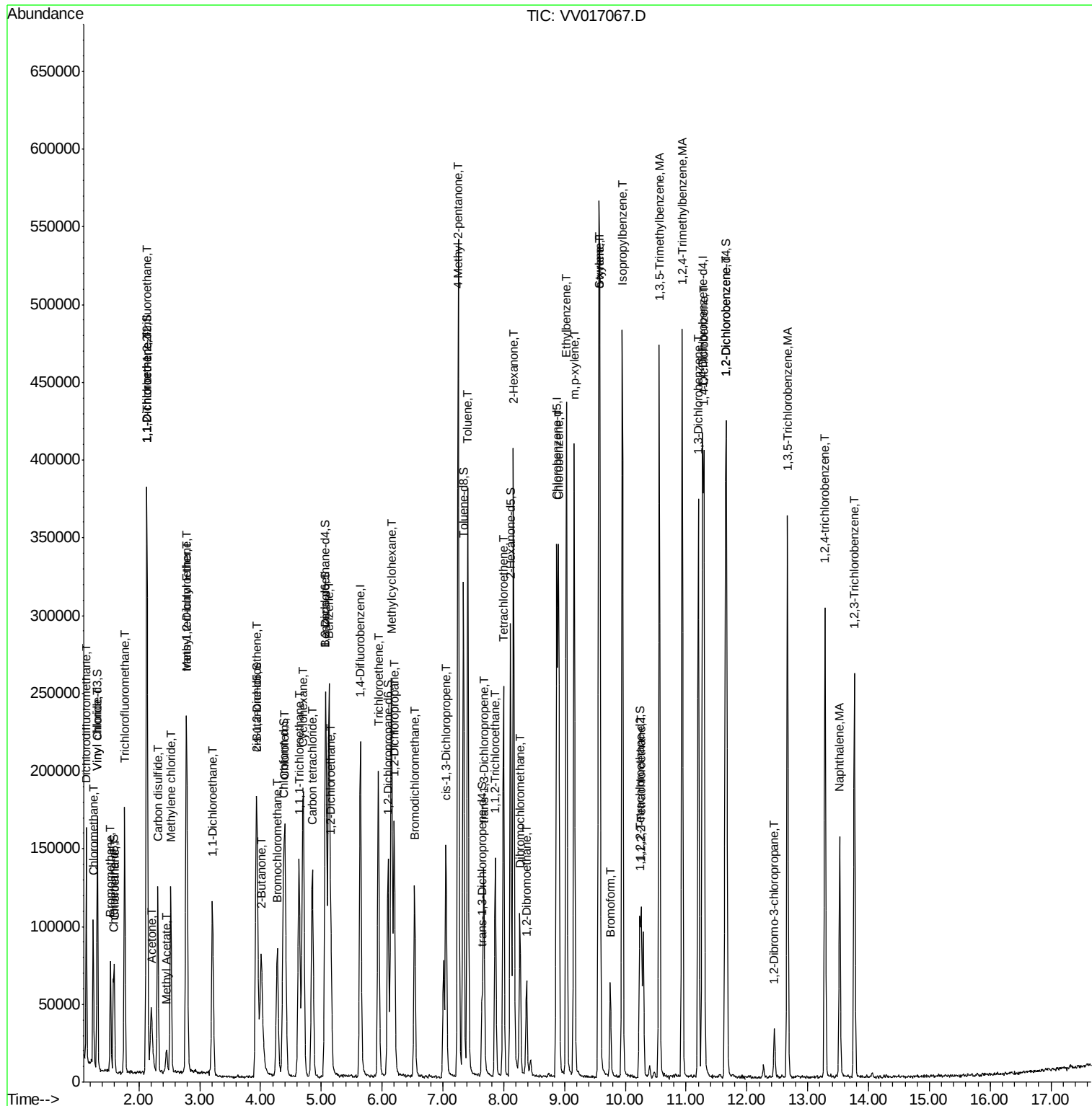
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	28449	5.378	ug/L	97
25) Chloroform	4.40	83	127230	5.695	ug/L	97
27) 1,2-Dichloroethane	5.16	62	74345	5.357	ug/L	100
29) 1,1,1-Trichloroethane	4.64	97	109046	5.272	ug/L	99
30) Cyclohexane	4.70	56	96296	4.892	ug/L	99
31) Carbon tetrachloride	4.85	117	97782	5.239	ug/L	99
33) Benzene	5.13	78	239780	5.303	ug/L	100
34) Trichloroethene	5.94	95	66742	5.041	ug/L	97
35) Methylcyclohexane	6.15	83	97885	4.756	ug/L	97
37) 1,2-Dichloropropane	6.20	63	57840	5.168	ug/L #	91
38) Bromodichloromethane	6.53	83	77627	5.106	ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	82530	4.963	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	342976	53.074	ug/L	100
42) Toluene	7.41	91	263616	5.015	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	239883	5.103	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	249033	5.203	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	70199	4.880	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	41412	5.217	ug/L	97
49) Tetrachloroethene	8.00	164	54693	5.132	ug/L	98
50) 2-Hexanone	8.16	43	247230	53.759	ug/L	99
51) Dibromochloromethane	8.27	129	51390	5.341	ug/L	97
52) 1,2-Dibromoethane	8.38	107	38734	5.145	ug/L	99
53) Chlorobenzene	8.90	112	171214	5.225	ug/L	99
54) Ethylbenzene	9.03	91	288115	5.135	ug/L	99
55) m,p-xylene	9.16	106	111485	5.066	ug/L	100
56) o-xylene	9.56	106	104295	5.079	ug/L	96
57) Styrene	9.58	104	180224	5.296	ug/L	96
58) Isopropylbenzene	9.95	105	292699	5.179	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	46404	5.651	ug/L	98
62) Bromoform	9.76	173	25631	5.086	ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	142689	5.032	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	144118	5.000	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	130109	5.055	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	7581	5.325	ug/L	91
68) 1,3,5-Trichlorobenzene	12.67	180	107503	4.718	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	88049	4.694	ug/L	99
70) Naphthalene	13.53	128	120910	4.565	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	74854	4.893	ug/L	99

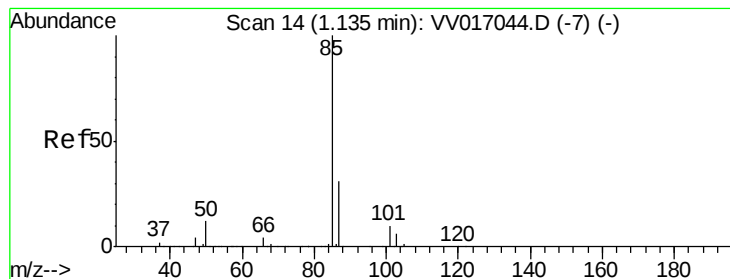
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062320\
Data File : VV017067.D
Acq On : 23 Jun 2020 20:33
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

Quant Time: Jun 24 05:08:18 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: 5.124 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

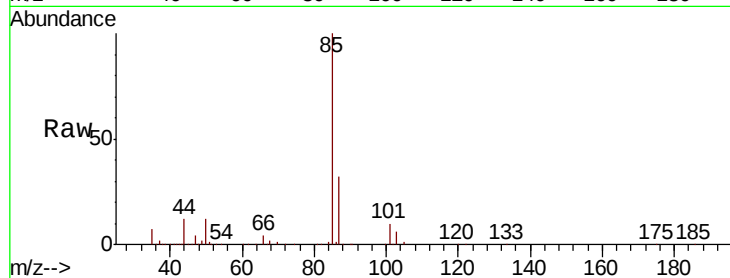
VSTD00555

Tot Ion: 85 Resp: 73204

Ion Ratio Lower Upper

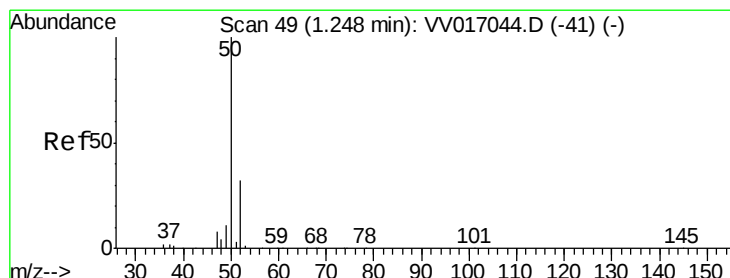
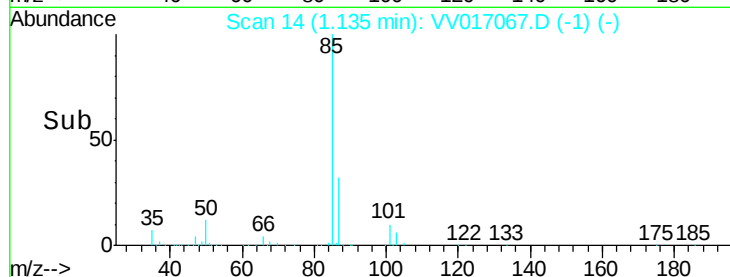
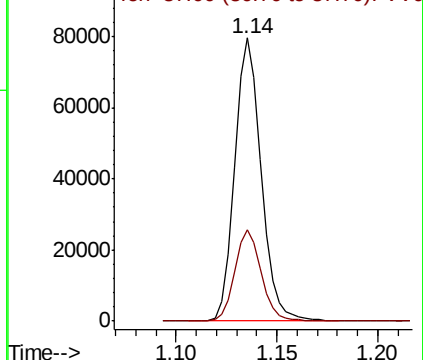
85 100

87 32.4 26.3 39.5



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 4.957 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017067.D

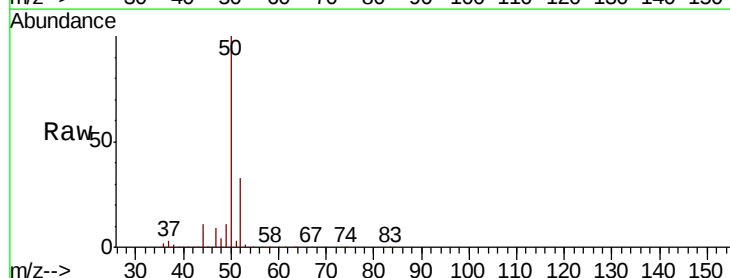
Acq: 23 Jun 2020 20:33

Tgt Ion: 50 Resp: 60021

Ion Ratio Lower Upper

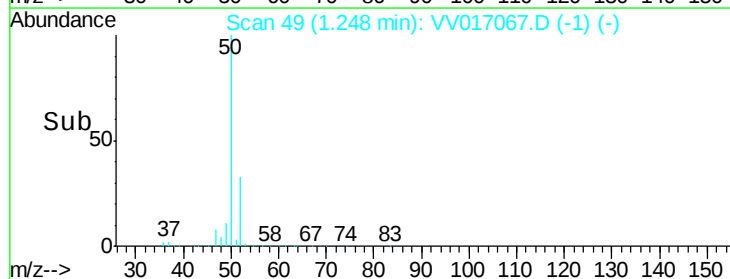
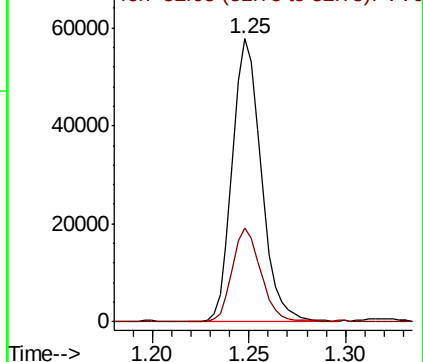
50 100

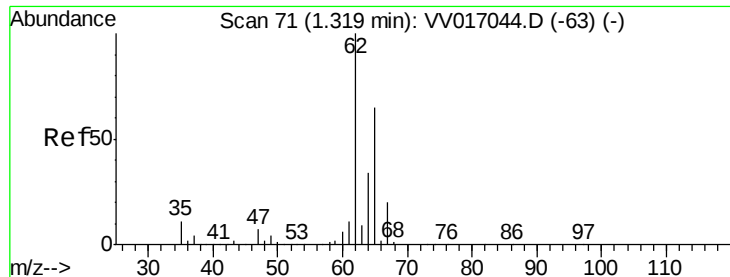
52 33.0 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0





#5

Vinyl chloride

Concen: 5.177 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

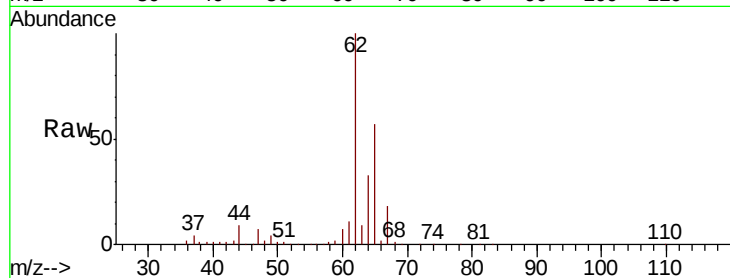
VSTD00555

Tot Ion: 62 Resp: 60798

Ion Ratio Lower Upper

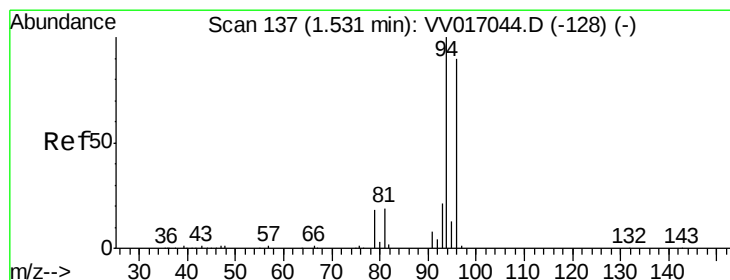
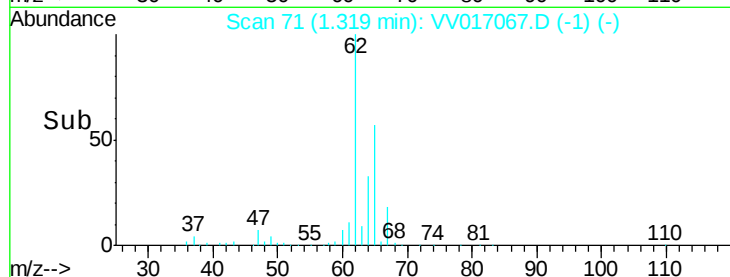
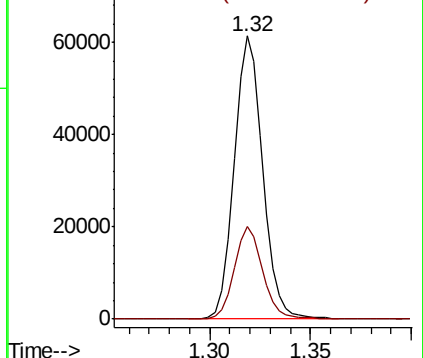
62 100

64 32.7 22.5 41.7



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 4.119 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV017067.D

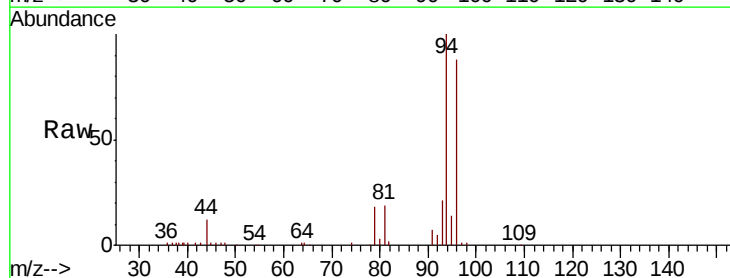
Acq: 23 Jun 2020 20:33

Tgt Ion: 94 Resp: 28197

Ion Ratio Lower Upper

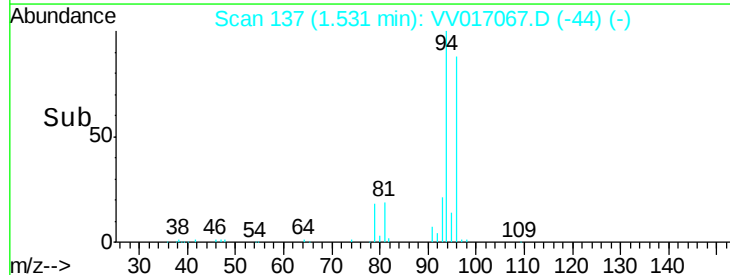
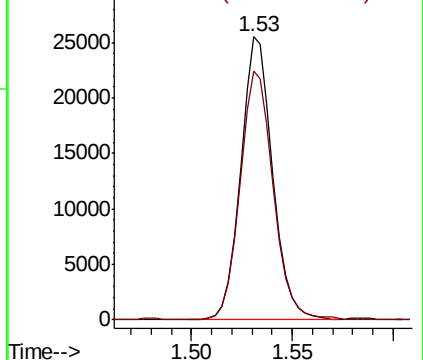
94 100

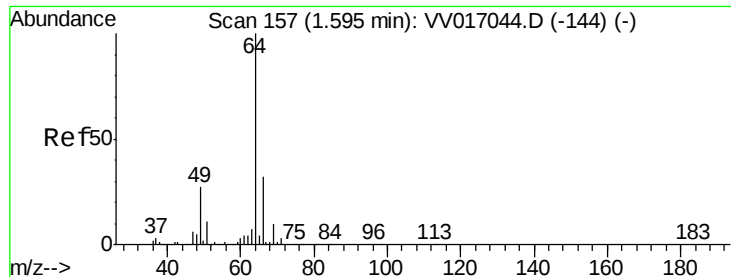
96 87.8 66.2 123.0



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 5.459 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

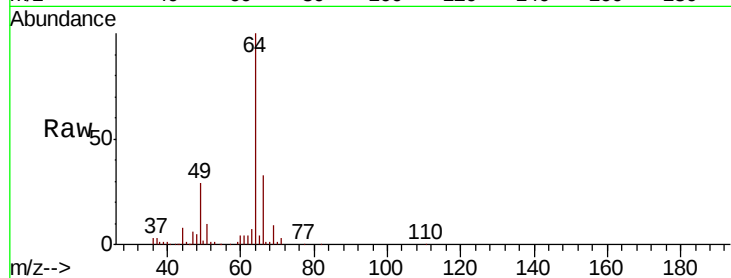
VSTD00555

Tot Ion: 64 Resp: 35429

Ion Ratio Lower Upper

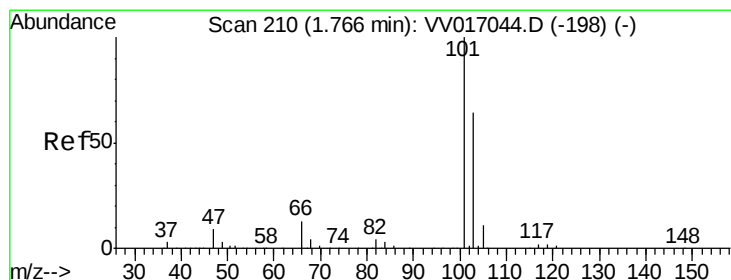
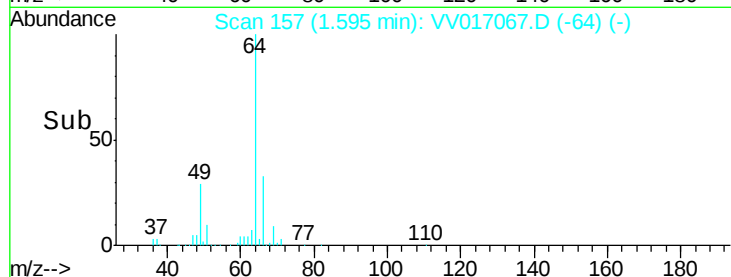
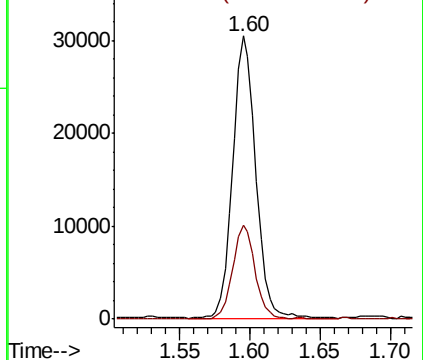
64 100

66 33.2 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) (-)



#9

Trichlorofluoromethane

Concen: 5.268 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV017067.D

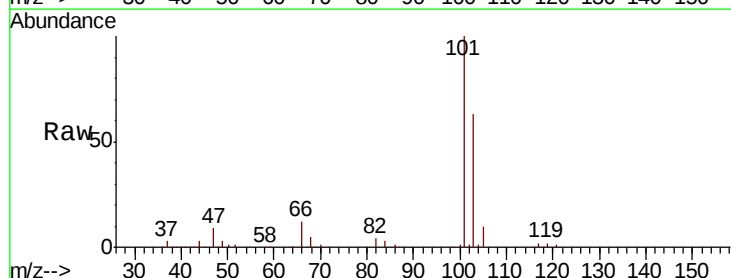
Acq: 23 Jun 2020 20:33

Tgt Ion: 101 Resp: 100185

Ion Ratio Lower Upper

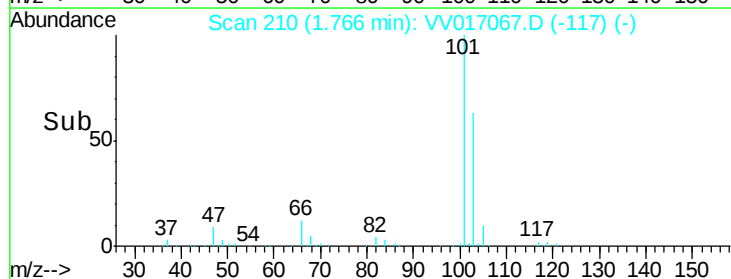
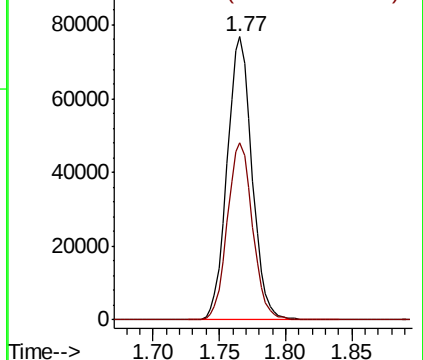
101 100

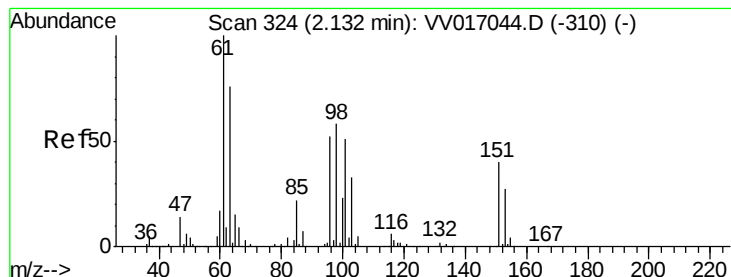
103 63.4 50.9 76.3



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

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





#10

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

Concen: 5.262 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD00555

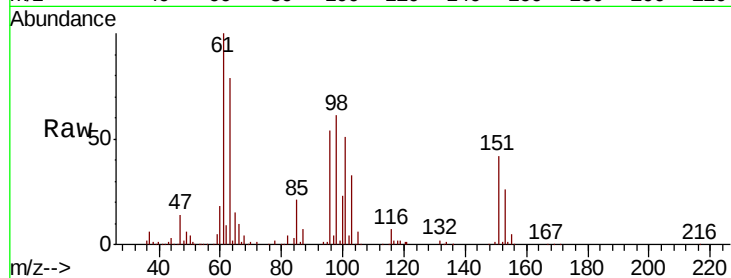
Tot Ion:101 Resp: 49876

Ion Ratio Lower Upper

101 100

85 44.6 35.4 53.2

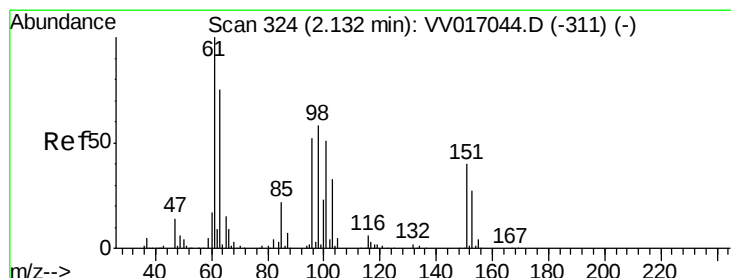
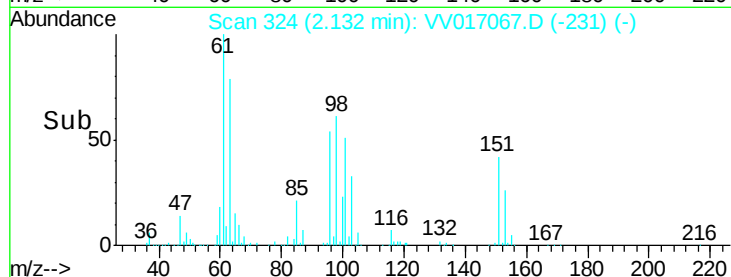
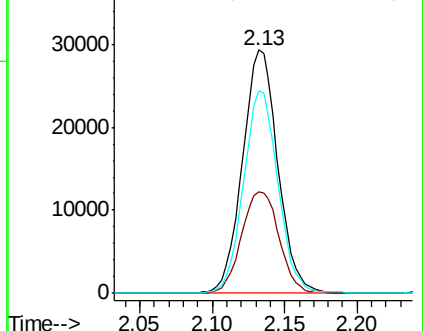
151 81.1 63.9 95.9



Abundance Ion 101.00 (100.70 to 101.70): VV017044.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV017044.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV017044.D (-310) (-)



#12

1,1-Dichloroethene

Concen: 5.431 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

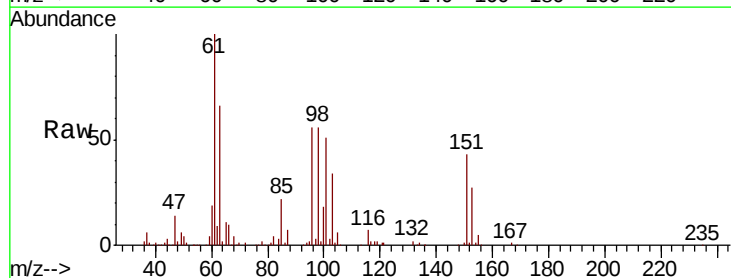
Tgt Ion: 96 Resp: 46647

Ion Ratio Lower Upper

96 100

61 177.3 125.0 232.2

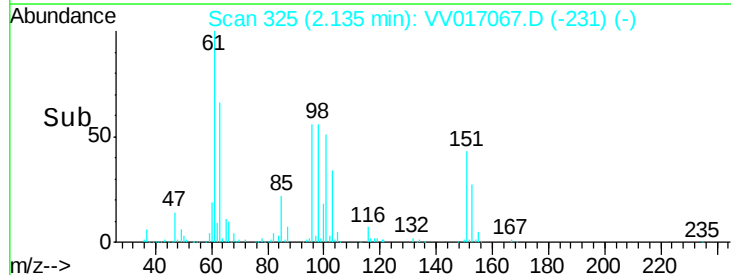
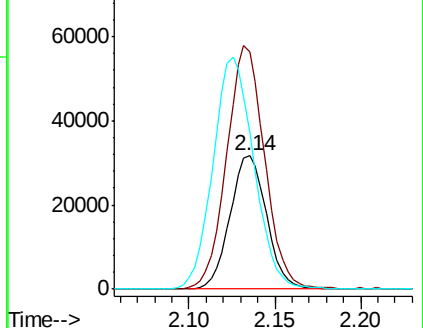
63 117.7 109.8 203.8

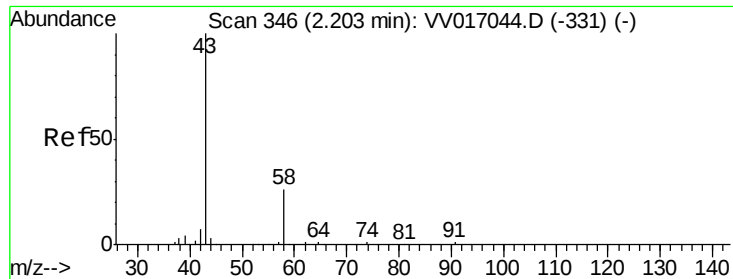


Abundance Ion 96.00 (95.70 to 96.70): VV017067.D (-231) (-)

Ion 61.05 (60.75 to 61.75): VV017067.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV017067.D (-231) (-)





#13

Acetone

Concen: 52.539 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

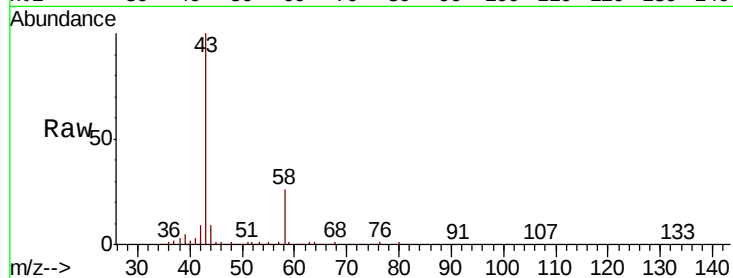
VSTD00555

Tot Ion: 43 Resp: 72710

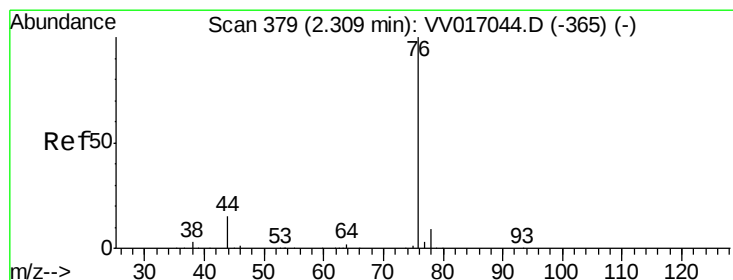
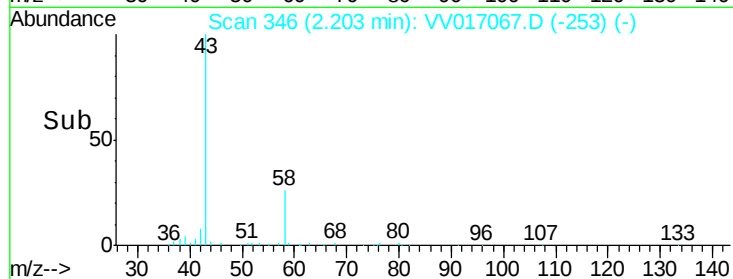
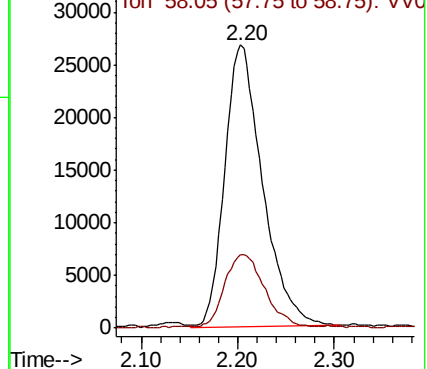
Ion Ratio Lower Upper

43 100

58 27.3 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV017044.D (-331) (-)



#14

Carbon disulfide

Concen: 5.113 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017067.D

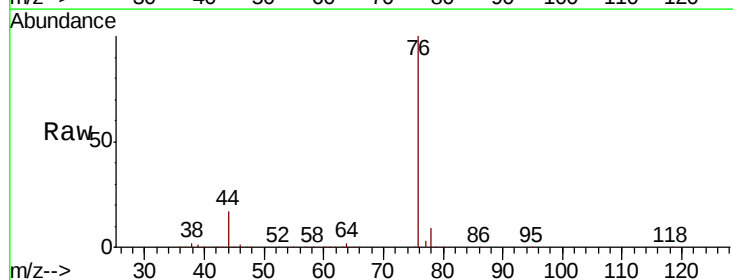
Acq: 23 Jun 2020 20:33

Tgt Ion: 76 Resp: 131595

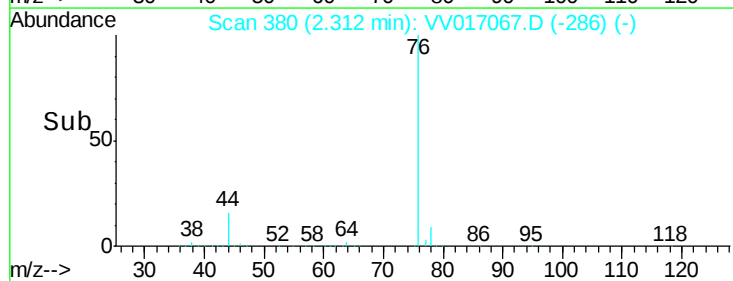
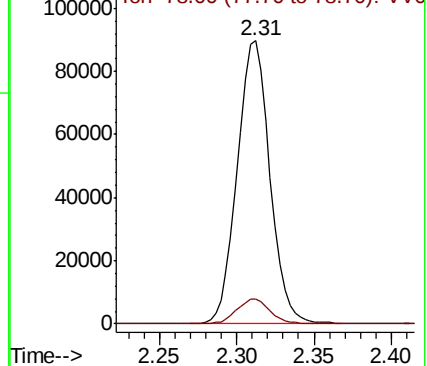
Ion Ratio Lower Upper

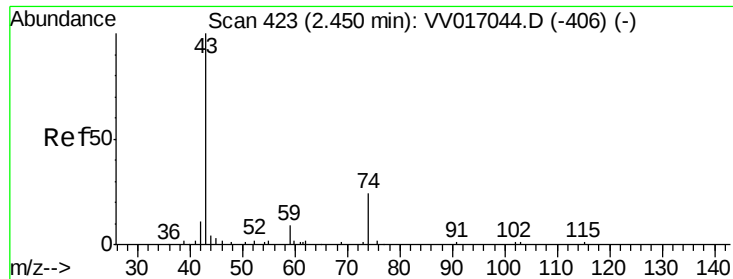
76 100

78 8.8 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VV017044.D (-365) (-)





#15

Methvl Acetate

Concen: 5.192 ug/L

RT: 2.45 min Scan# 424

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

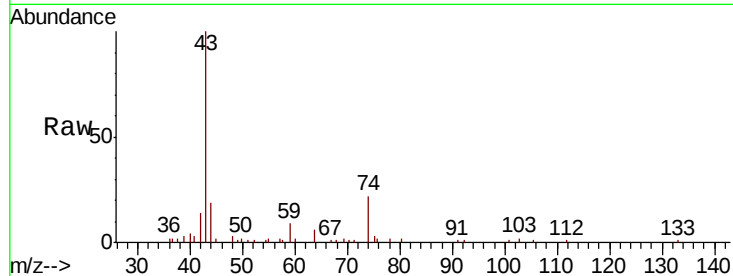
VSTD00555

Tot Ion: 43 Resp: 17567

Ion Ratio Lower Upper

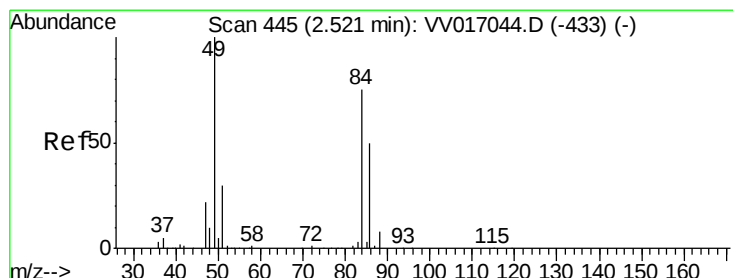
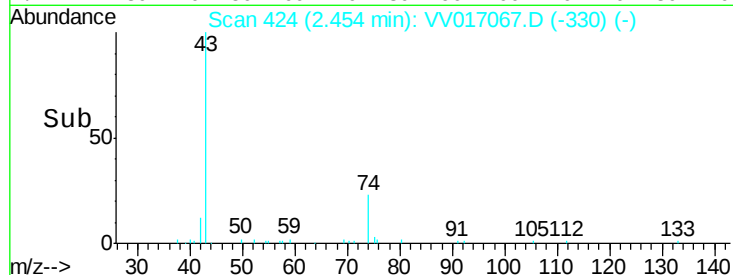
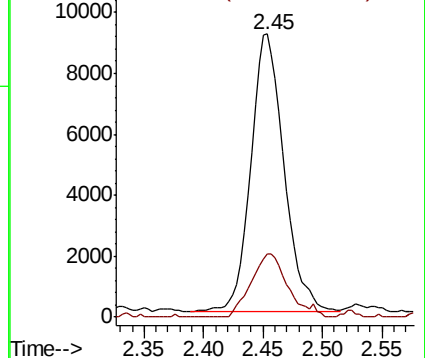
43 100

74 25.1 19.1 28.7



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 5.062 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

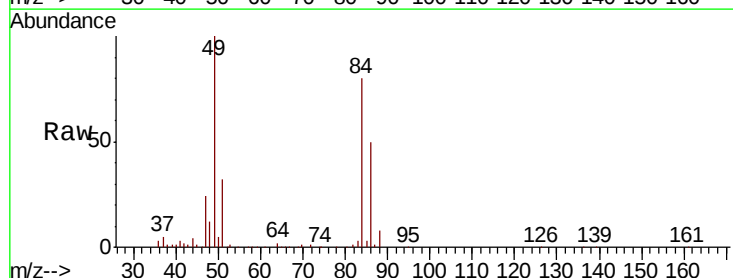
Tgt Ion: 84 Resp: 46560

Ion Ratio Lower Upper

84 100

86 63.2 45.8 85.0

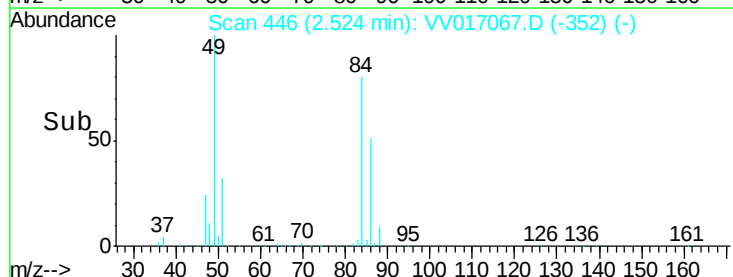
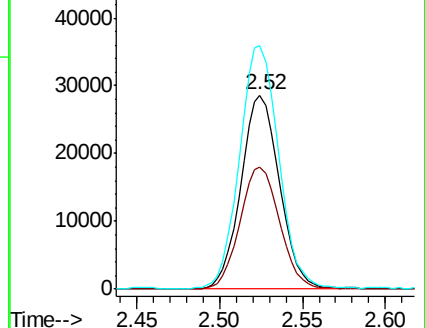
49 125.5 89.6 166.4

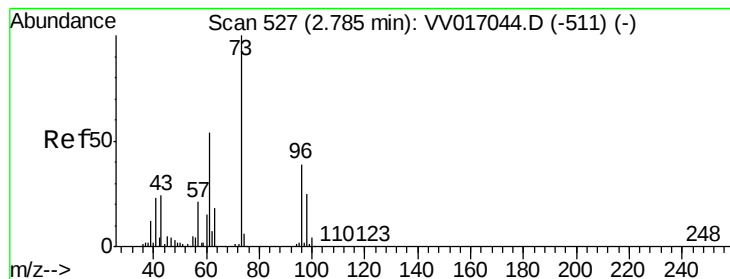


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



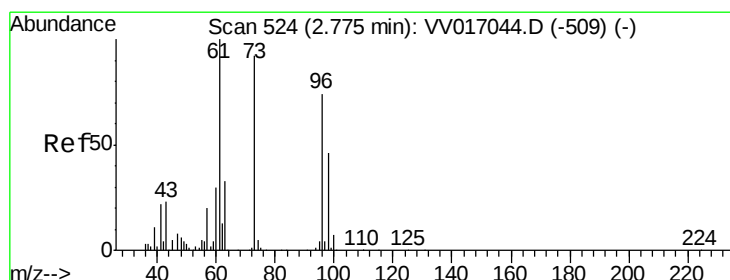
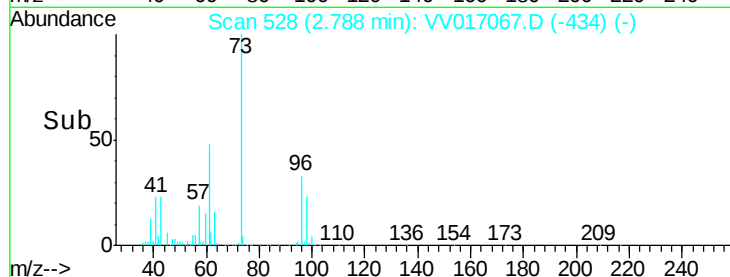
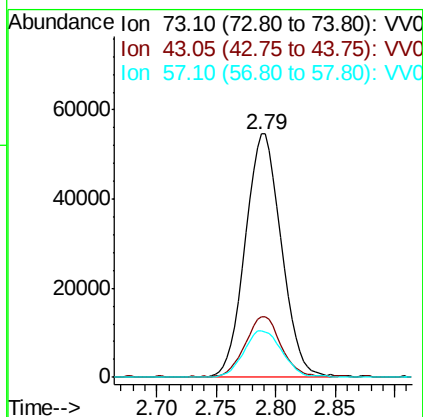
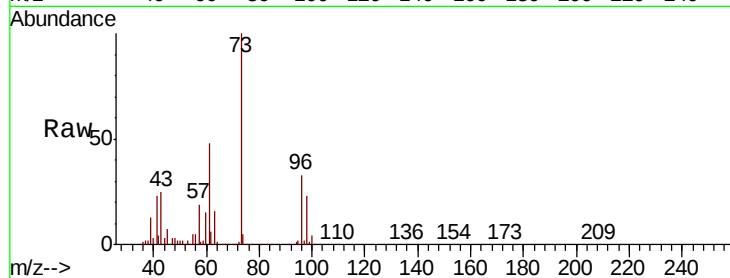


#17

Methyl tert-butyl Ether
 Concen: 5.344 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VV017067.D
 Acq: 23 Jun 2020 20:33

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

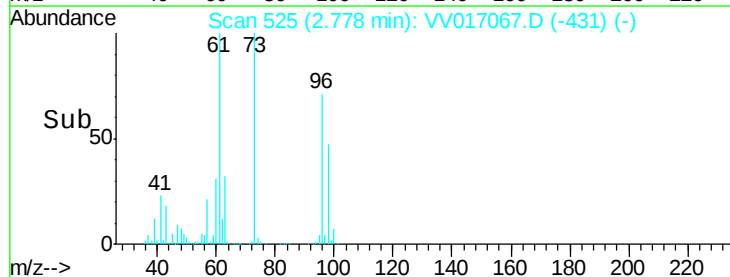
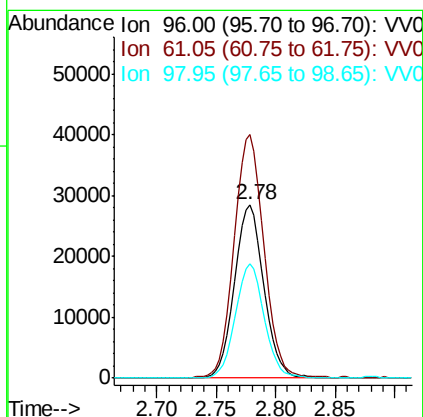
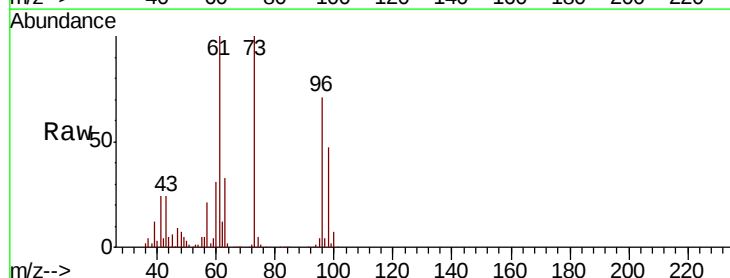
Tot Ion: 73 Resp: 115252
 Ion Ratio Lower Upper
 73 100
 43 24.4 18.6 28.0
 57 20.4 16.4 24.6

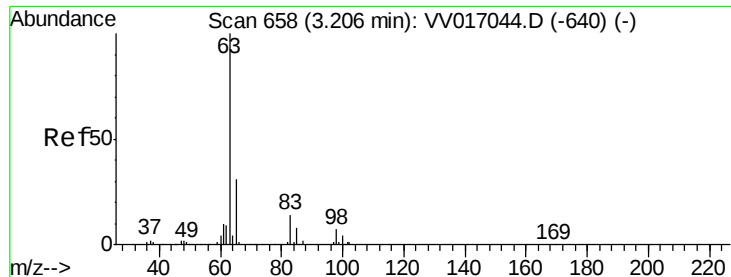


#18

trans-1,2-Dichloroethene
 Concen: 5.381 ug/L
 RT: 2.78 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: VV017067.D
 Acq: 23 Jun 2020 20:33

Tgt Ion: 96 Resp: 48980
 Ion Ratio Lower Upper
 96 100
 61 140.2 102.3 189.9
 98 65.8 44.7 82.9

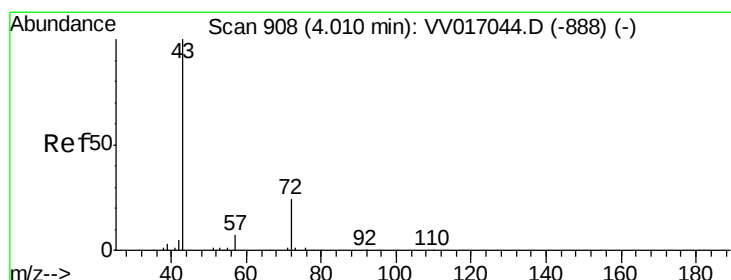
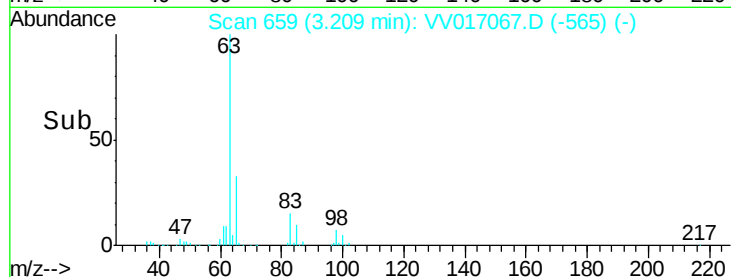
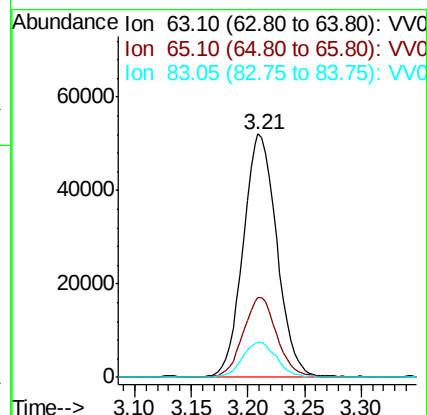
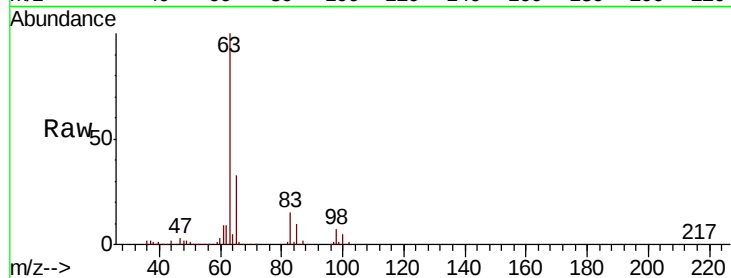




#19
 1,1-Dichloroethane
 Concen: 5.295 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VV017067.D
 Acq: 23 Jun 2020 20:33

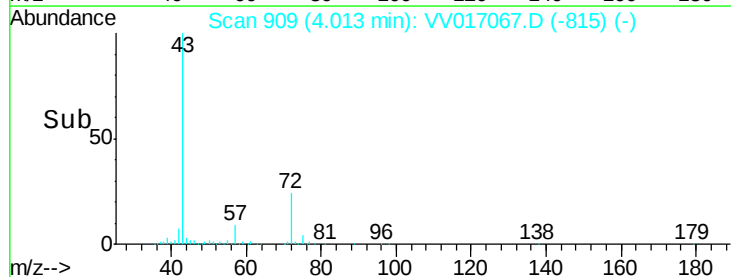
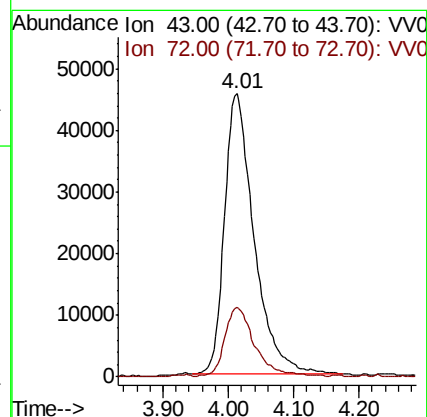
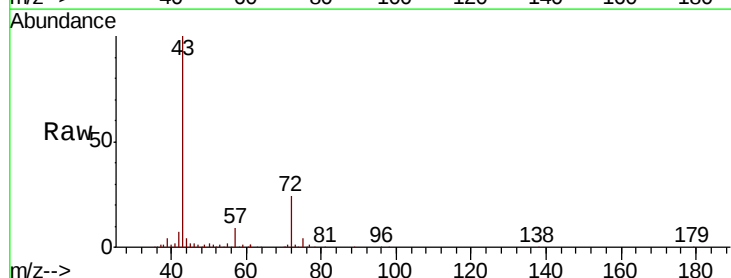
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

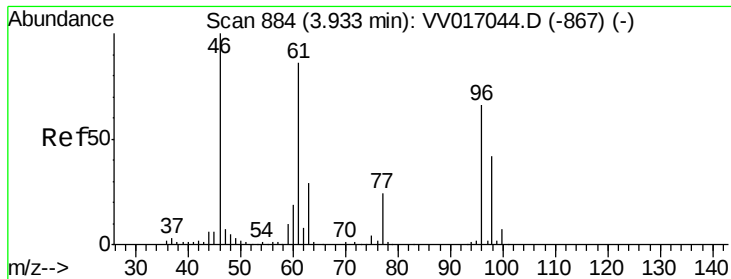
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	21.8	40.4
83	14.6	9.7	17.9



#21
 2-Butanone
 Concen: 54.901 ug/L
 RT: 4.01 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: VV017067.D
 Acq: 23 Jun 2020 20:33

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.7	12.4	37.4





#22

cis-1,2-Dichloroethene

Concen: 5.098 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD00555

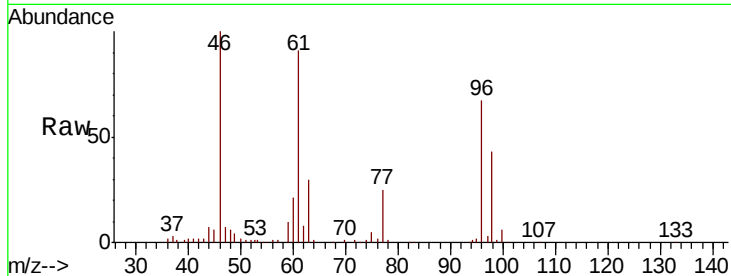
Tot Ion: 96 Resp: 63451

Ion Ratio Lower Upper

96 100

61 135.0 91.0 169.0

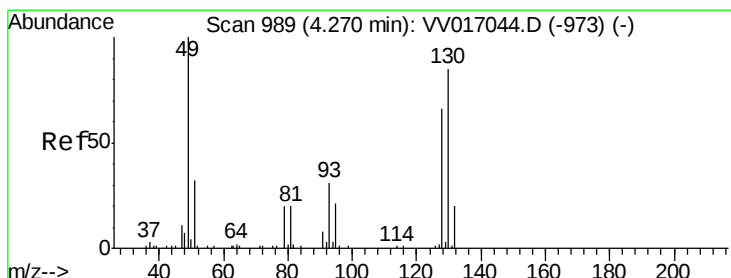
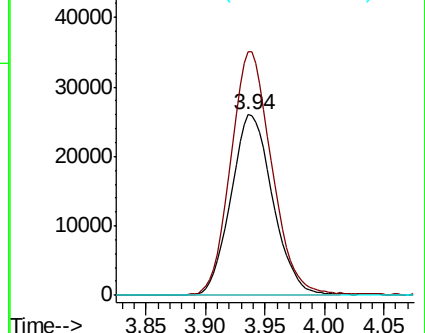
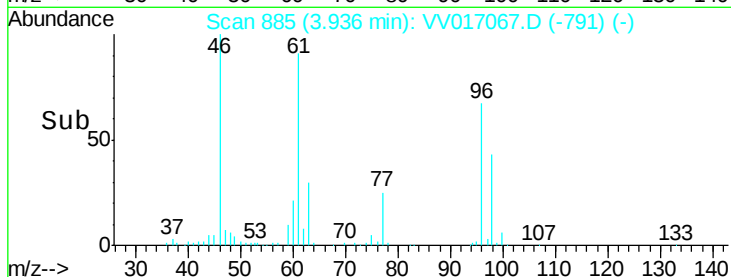
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017067.D (-791) (-)

Ion 61.05 (60.75 to 61.75): VV017067.D (-791) (-)

Ion 68.15 (67.85 to 68.85): VV017067.D (-791) (-)



#23

Bromochloromethane

Concen: 5.378 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Tgt Ion: 128 Resp: 28449

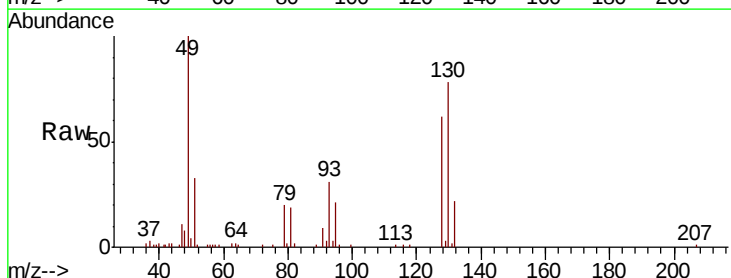
Ion Ratio Lower Upper

128 100

49 161.2 110.8 205.8

130 125.4 86.0 159.8

51 52.6 39.4 59.2

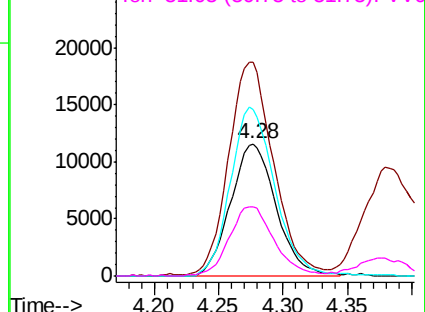
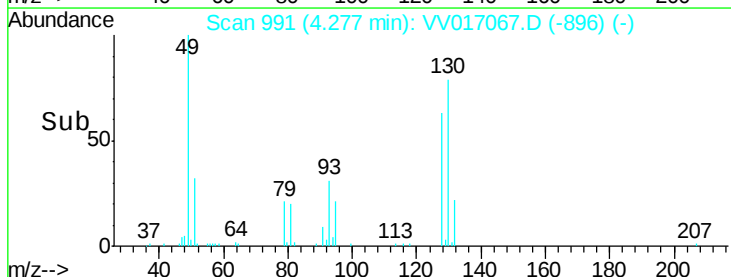


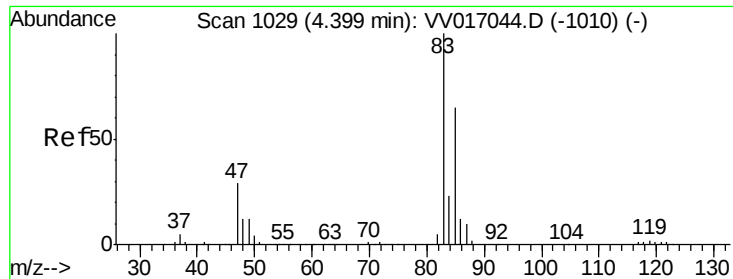
Abundance Ion 127.90 (127.60 to 128.60): VV017067.D (-896) (-)

Ion 49.10 (48.80 to 49.80): VV017067.D (-896) (-)

Ion 129.95 (129.65 to 130.65): VV017067.D (-896) (-)

Ion 51.05 (50.75 to 51.75): VV017067.D (-896) (-)

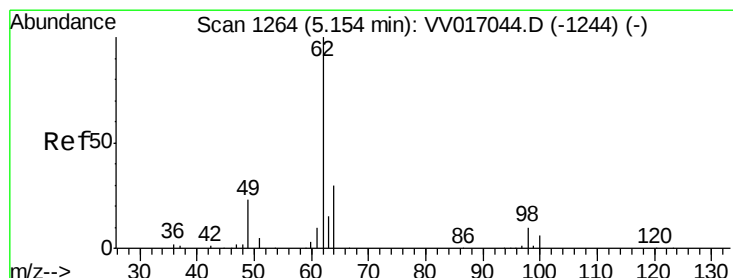
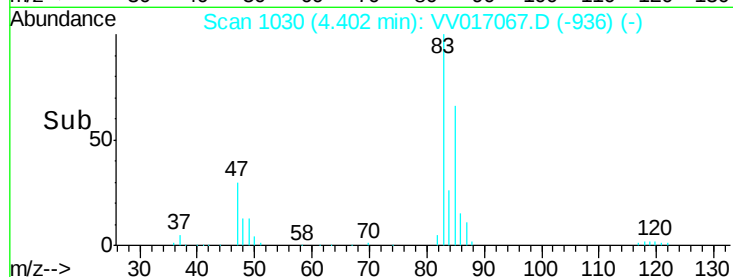
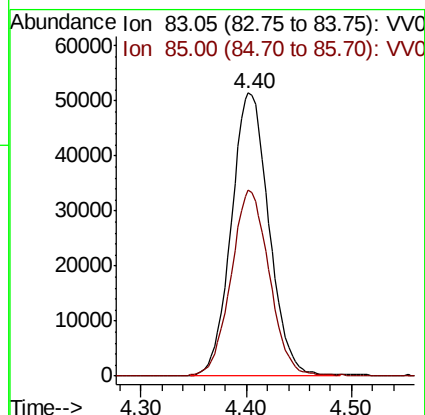
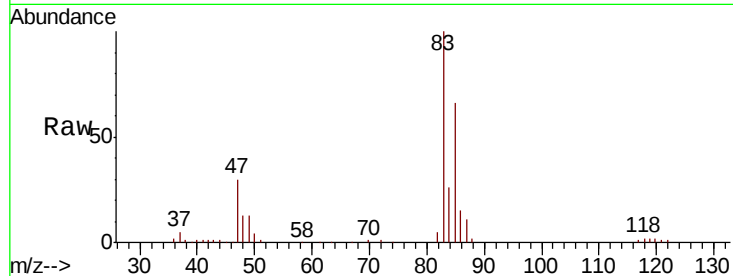




#25
Chloroform
Concen: 5.695 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

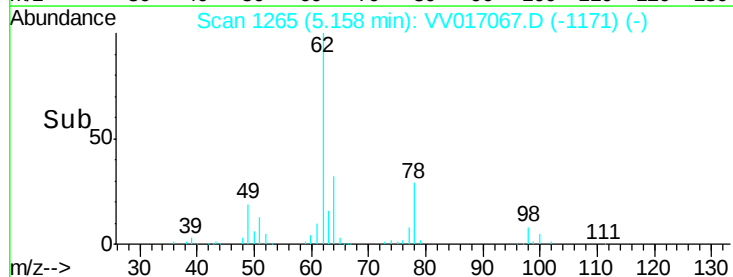
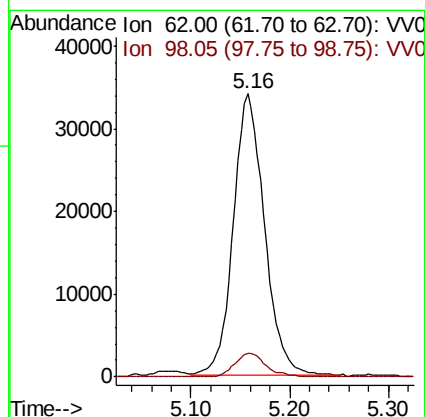
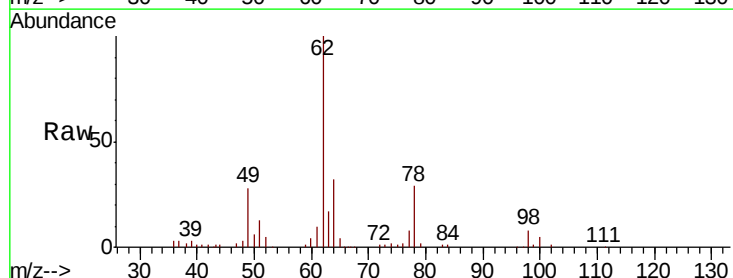
Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

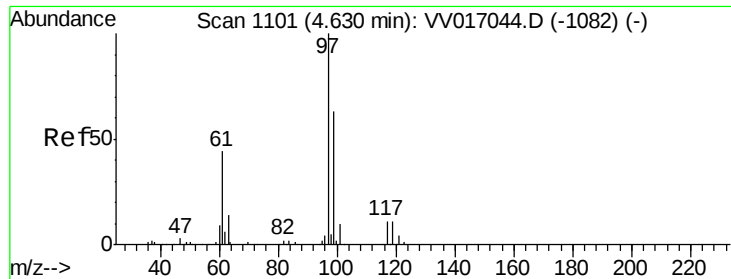
Tot Ion: 83 Resp: 127230
Ion Ratio Lower Upper
83 100
85 65.7 44.2 82.2



#27
1,2-Dichloroethane
Concen: 5.357 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

Tgt Ion: 62 Resp: 74345
Ion Ratio Lower Upper
62 100
98 8.3 6.7 10.1

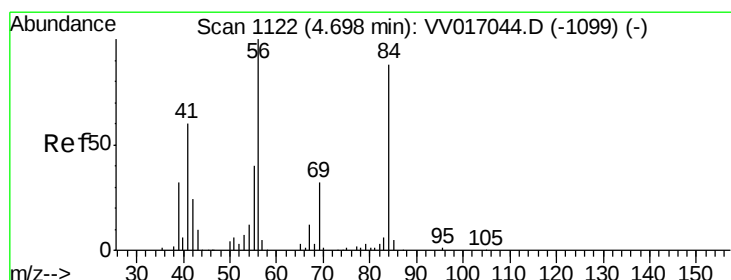
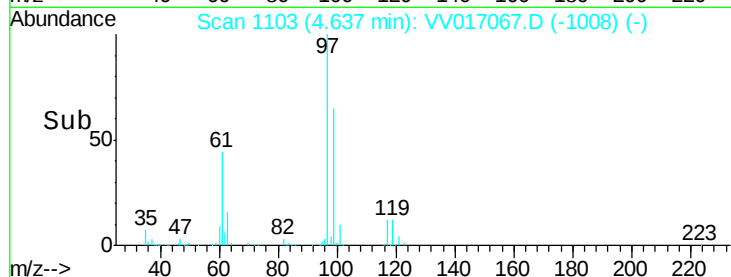
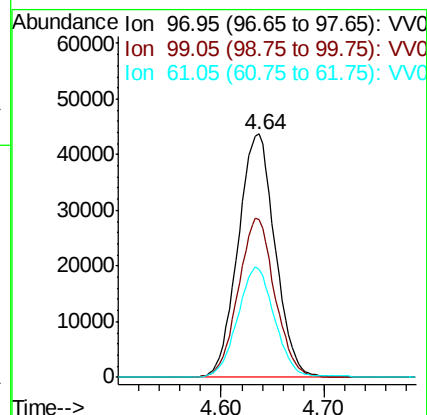
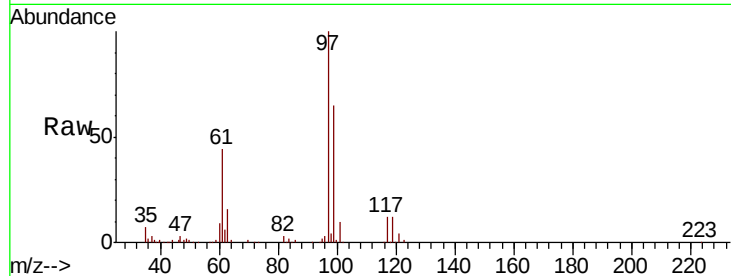




#29
1,1,1-Trichloroethane
Concen: 5.272 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

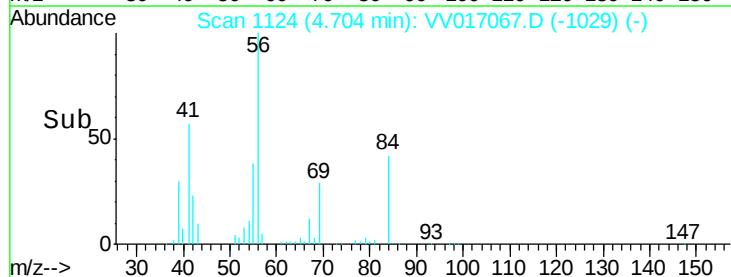
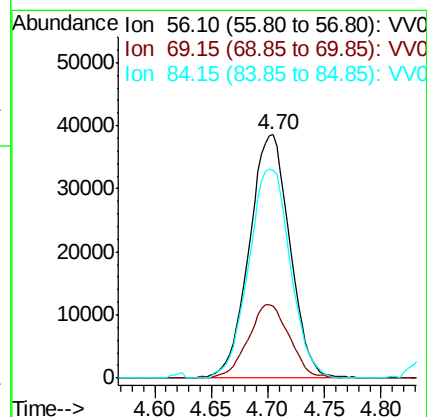
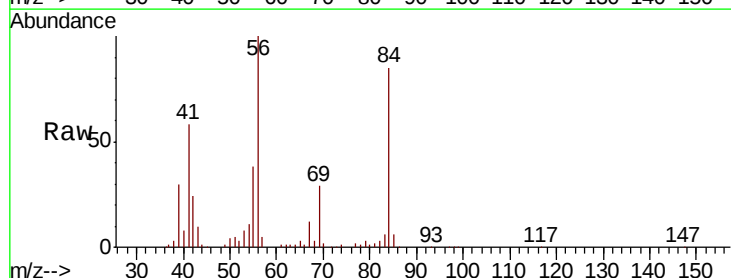
Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

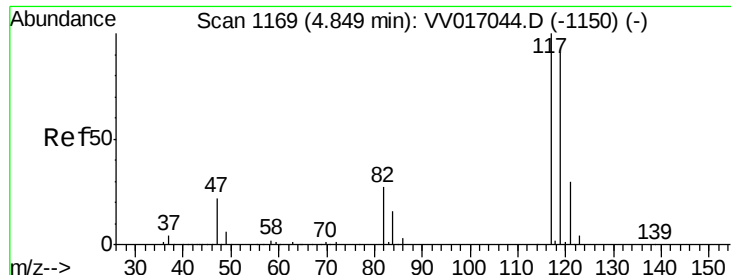
Tot Ion	97	Resp	109046
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.3	75.5
61	45.2	36.0	54.0



#30
Cyclohexane
Concen: 4.892 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

Tgt Ion	56	Resp	96296
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.4	36.6
84	88.2	69.9	104.9





#31

Carbon tetrachloride

Concen: 5.239 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

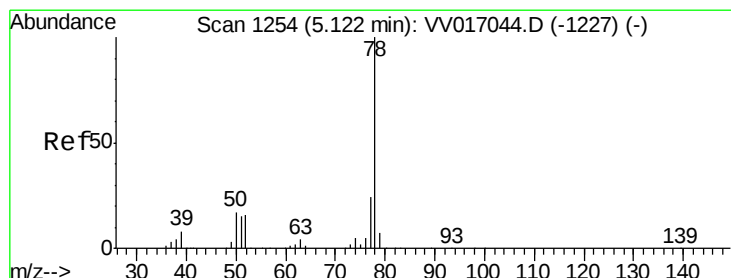
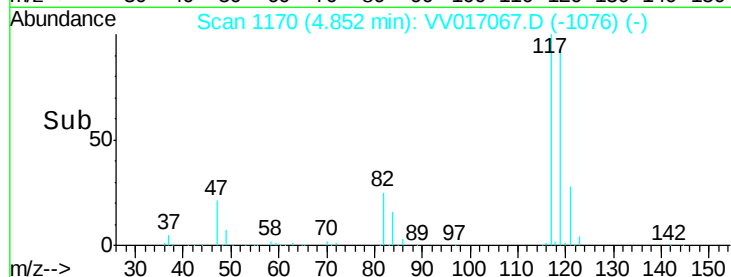
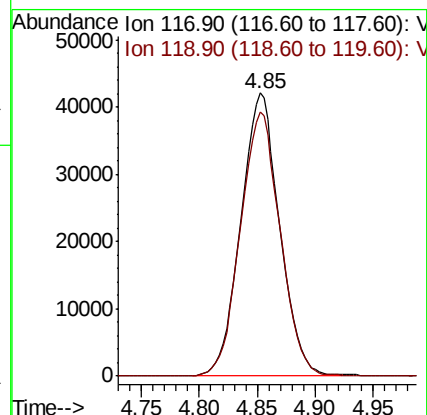
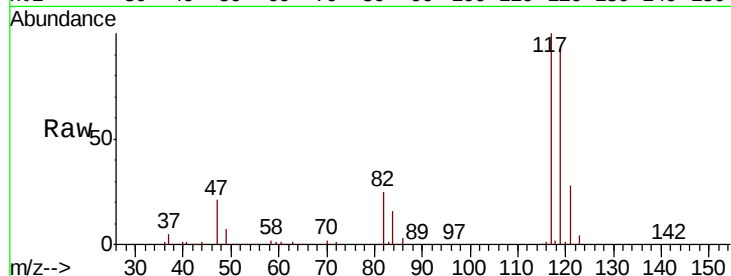
VSTD00555

Tot Ion:117 Resp: 97782

Ion Ratio Lower Upper

117 100

119 96.0 77.8 116.8



#33

Benzene

Concen: 5.303 ug/L

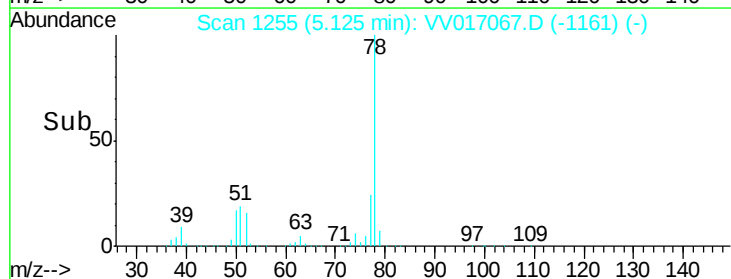
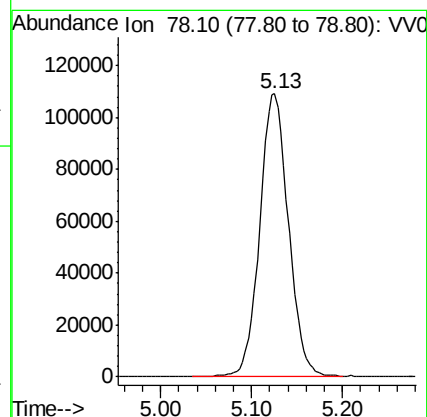
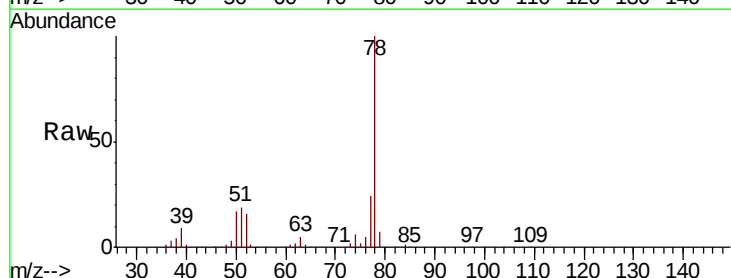
RT: 5.13 min Scan# 1255

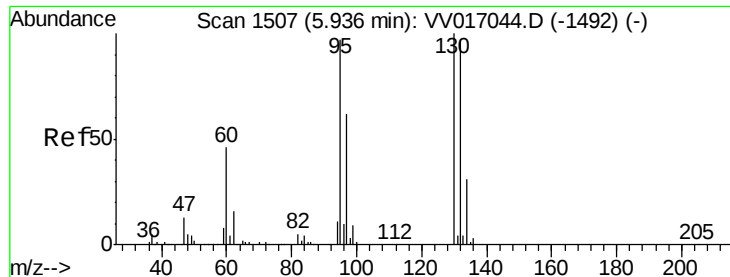
Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Tgt Ion: 78 Resp: 239780





#34

Trichloroethene

Concen: 5.041 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampled :

VSTD00555

Tot Ion: 95 Resp: 66742

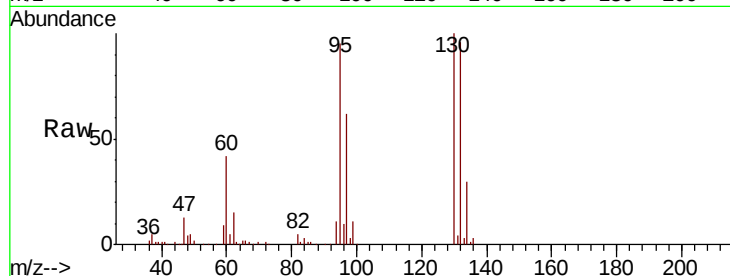
Ion Ratio Lower Upper

95 100

97 64.9 45.3 84.1

132 100.7 68.8 127.8

130 105.1 70.2 130.4

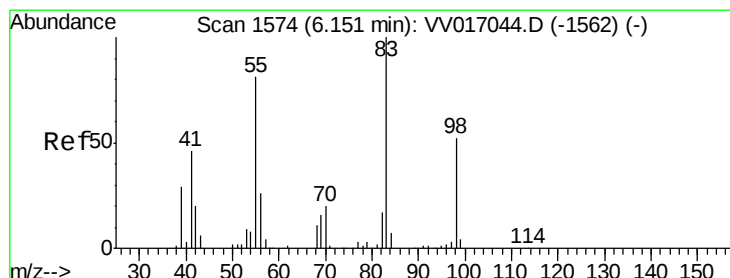
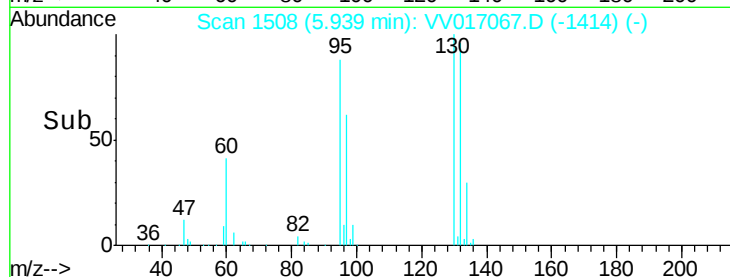
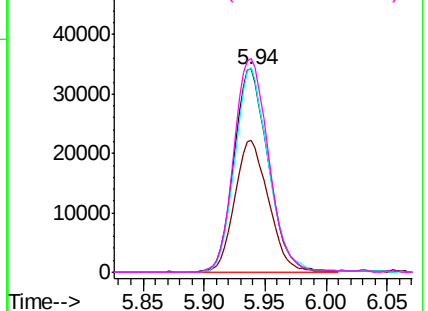


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 4.756 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

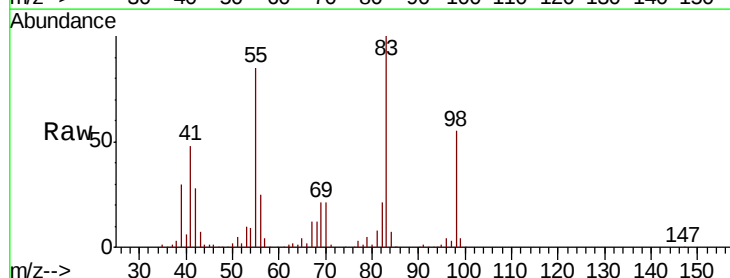
Tgt Ion: 83 Resp: 97885

Ion Ratio Lower Upper

83 100

55 81.2 63.6 95.4

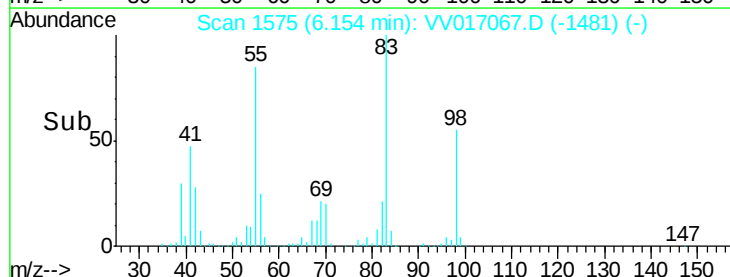
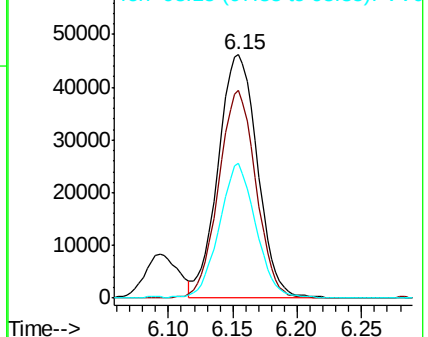
98 51.6 38.8 58.2

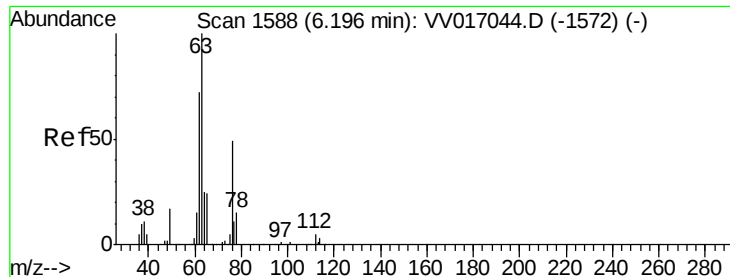


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 5.168 ug/L

RT: 6.20 min Scan# 1589

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

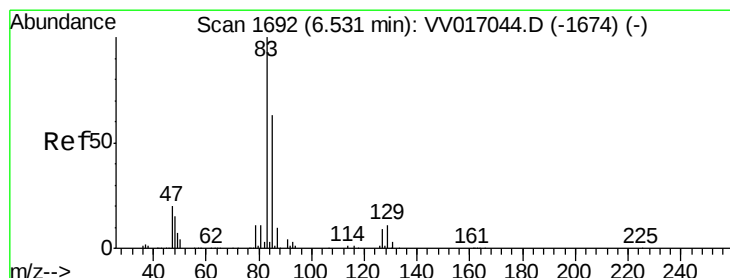
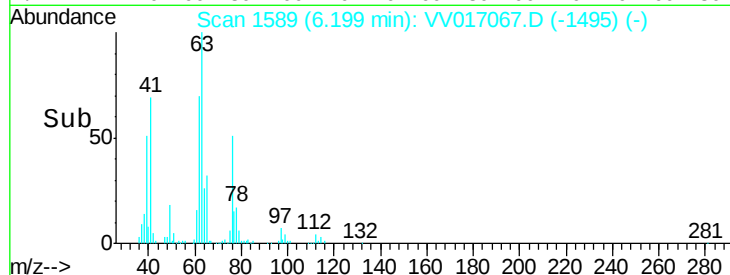
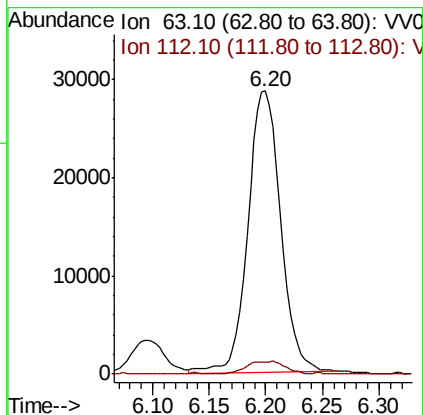
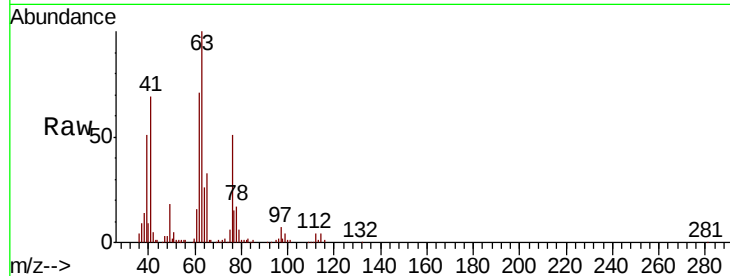
VSTD00555

Tot Ion: 63 Resp: 57840

Ion Ratio Lower Upper

63 100

112 2.4 4.4 6.6#



#38

Bromodichloromethane

Concen: 5.106 ug/L

RT: 6.53 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

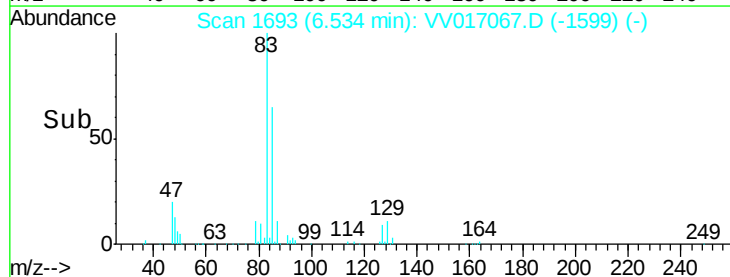
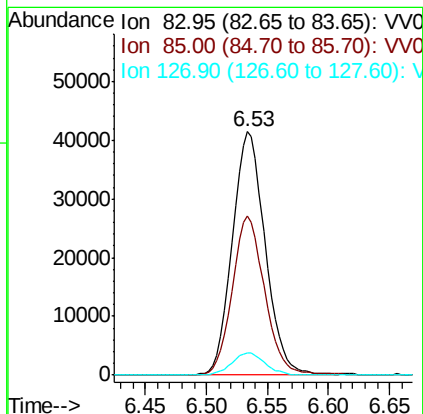
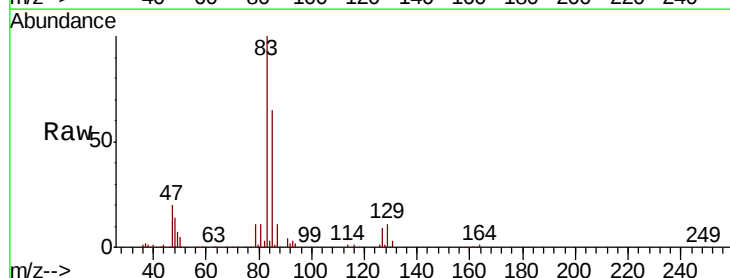
Tgt Ion: 83 Resp: 77627

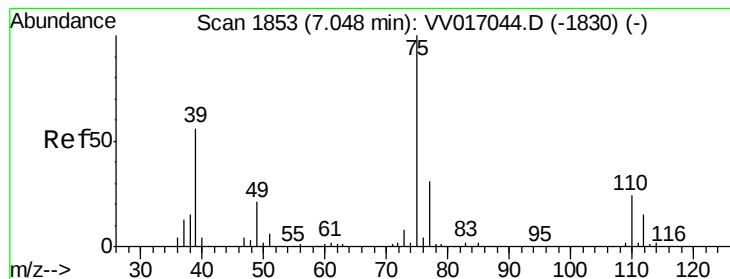
Ion Ratio Lower Upper

83 100

85 65.1 43.4 80.6

127 9.0 7.9 11.9



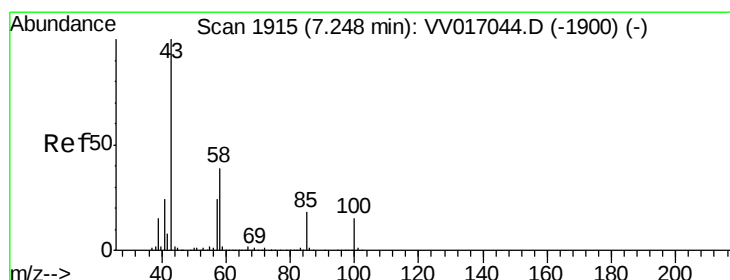
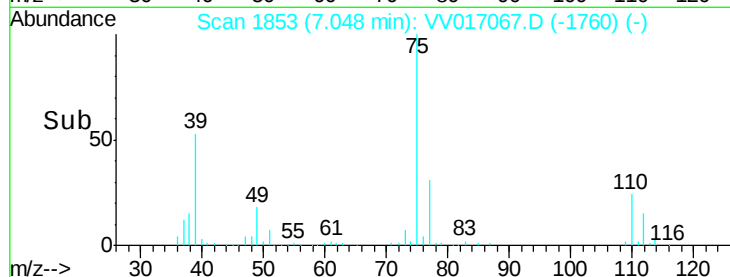
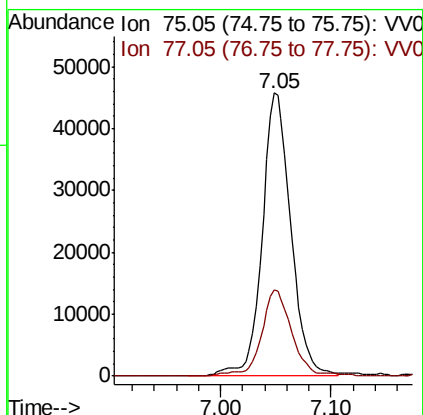
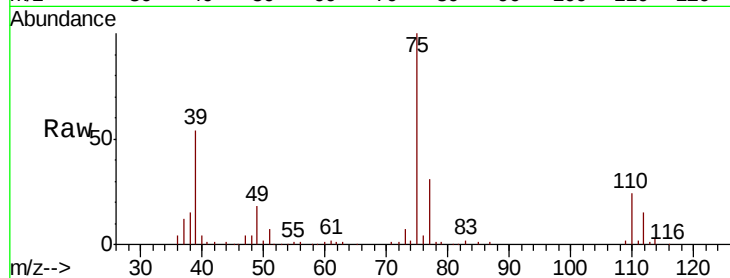


#39

cis-1,3-Dichloropropene
Concen: 4.963 ug/L
RT: 7.05 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

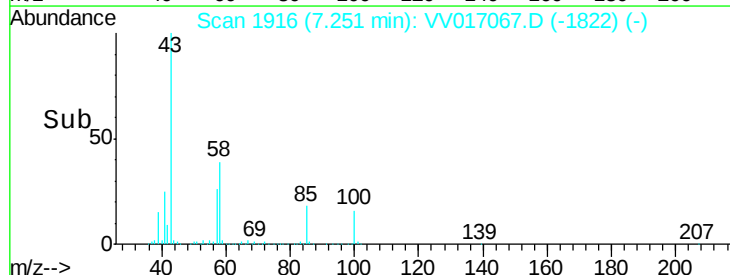
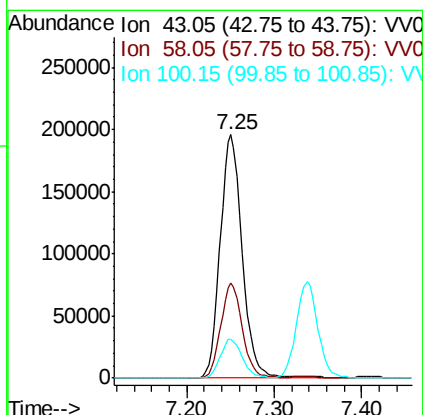
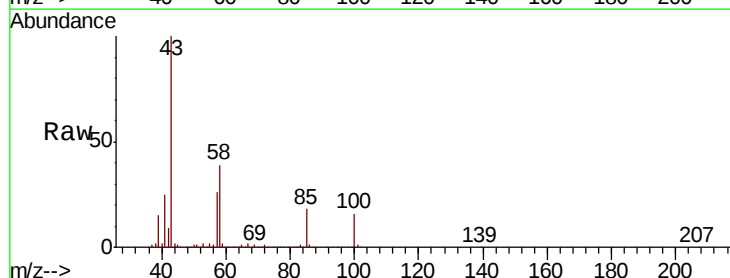
Tot Ion: 75 Resp: 82530
Ion Ratio Lower Upper
75 100
77 30.7 22.3 41.5

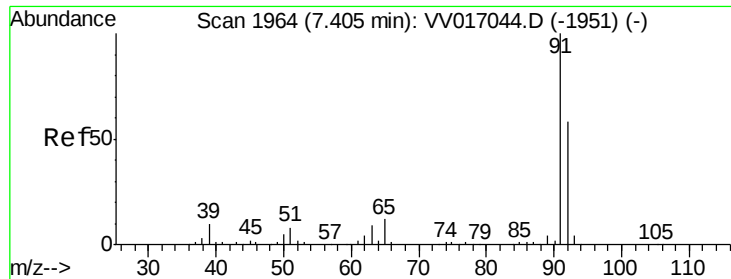


#40

4-Methyl-2-pentanone
Concen: 53.074 ug/L
RT: 7.25 min Scan# 1916
Delta R.T. 0.00 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

Tgt Ion: 43 Resp: 342976
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6
100 16.0 12.7 19.1





#42

Toluene

Concen: 5.015 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

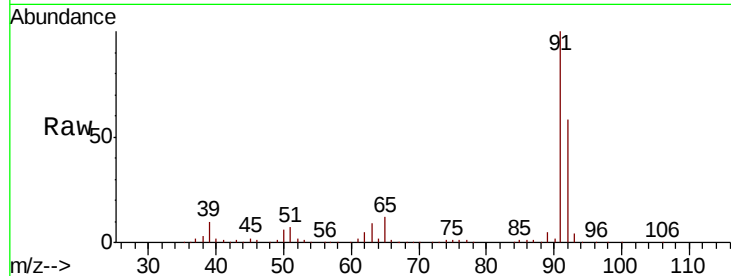
VSTD00555

Tot Ion: 91 Resp: 263616

Ion Ratio Lower Upper

91 100

92 58.4 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) (-)

7.41

150000

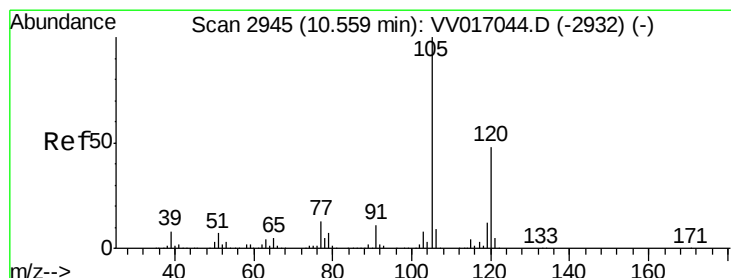
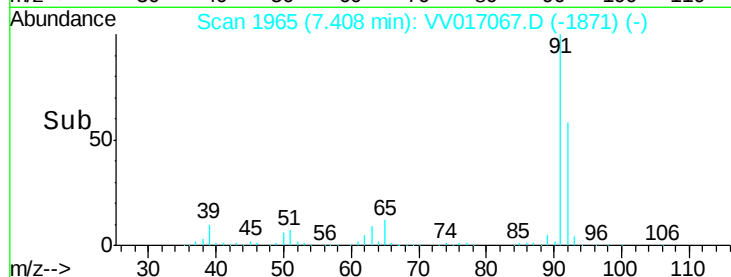
100000

50000

0

7.30 7.40 7.50

Time-->



#43

1,3,5-Trimethylbenzene

Concen: 5.103 ug/L

RT: 10.56 min Scan# 2945

Delta R.T. 0.00 min

Lab File: VV017067.D

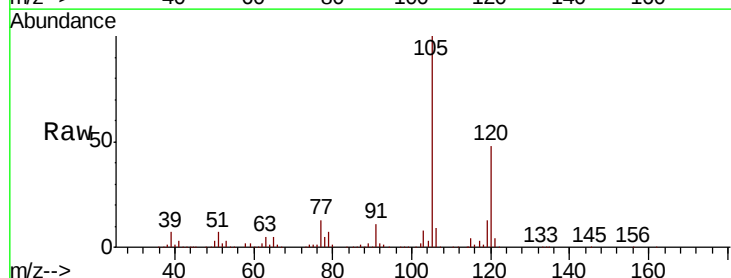
Acq: 23 Jun 2020 20:33

Tgt Ion: 105 Resp: 239883

Ion Ratio Lower Upper

105 100

120 48.4 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) (-)

10.56

150000

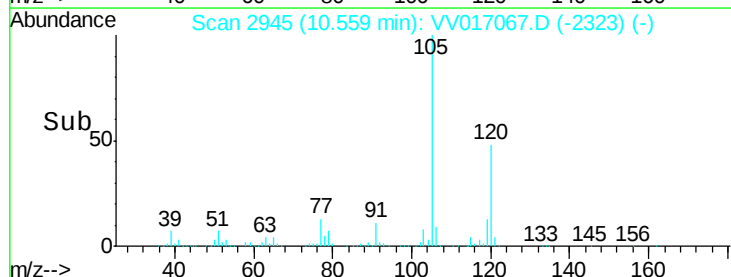
100000

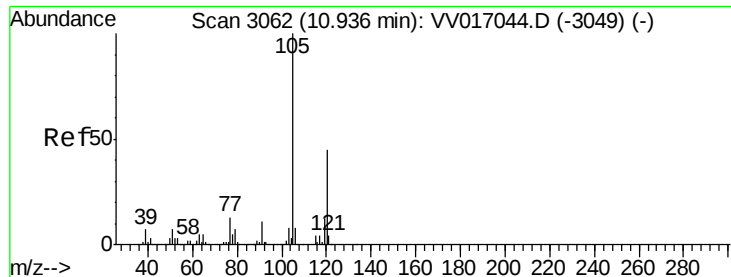
50000

0

10.50 10.55 10.60

Time-->





#44

1,2,4-Trimethylbenzene

Concen: 5.203 ug/L

RT: 10.94 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

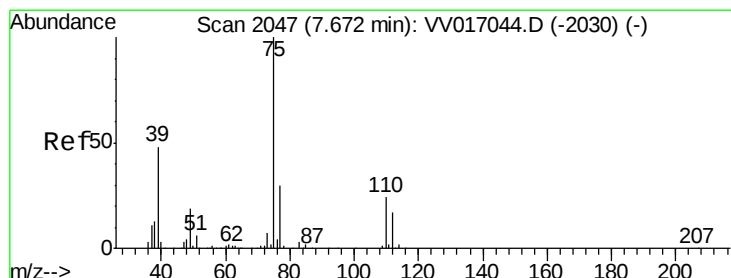
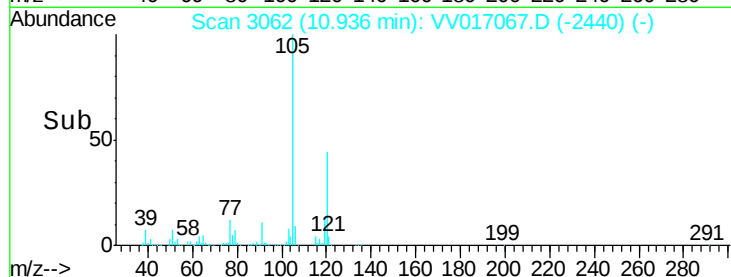
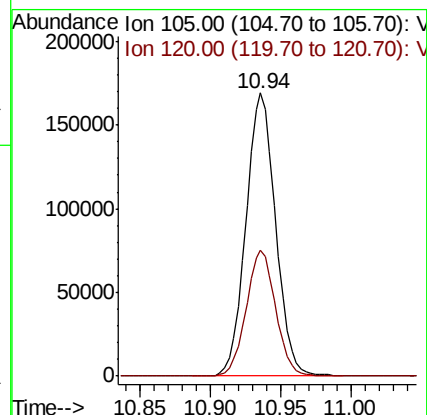
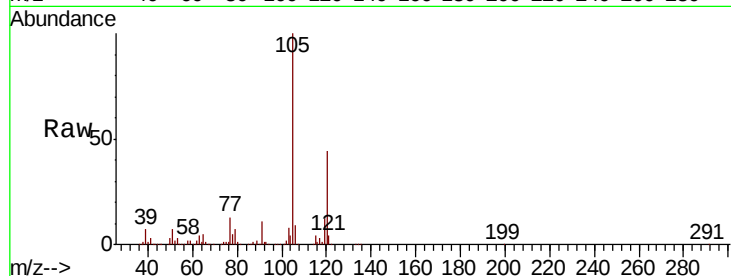
VSTD00555

Tot Ion:105 Resp: 249033

Ion Ratio Lower Upper

105 100

120 44.3 35.8 53.8



#46

trans-1,3-Dichloropropene

Concen: 4.880 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV017067.D

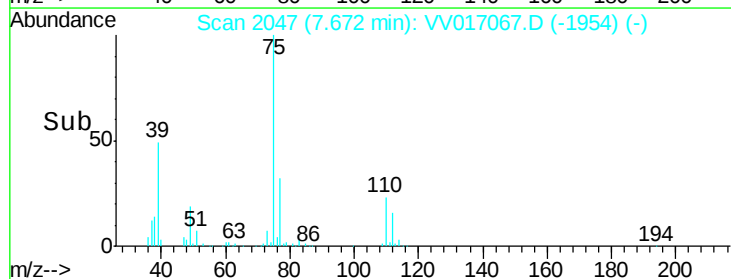
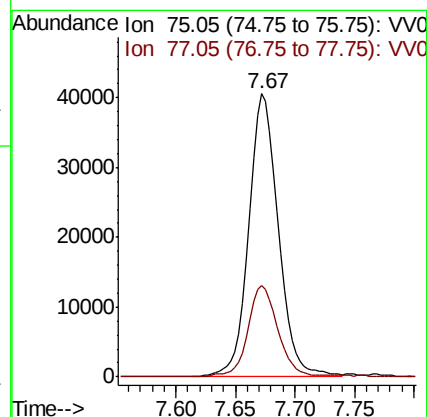
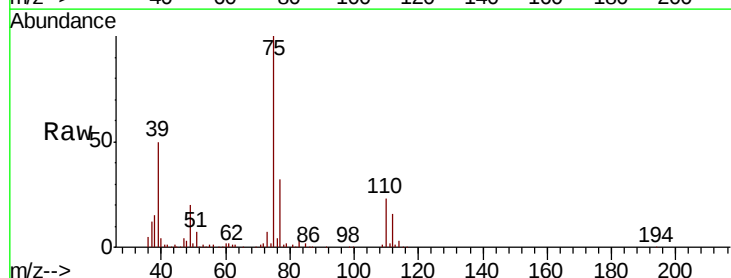
Acq: 23 Jun 2020 20:33

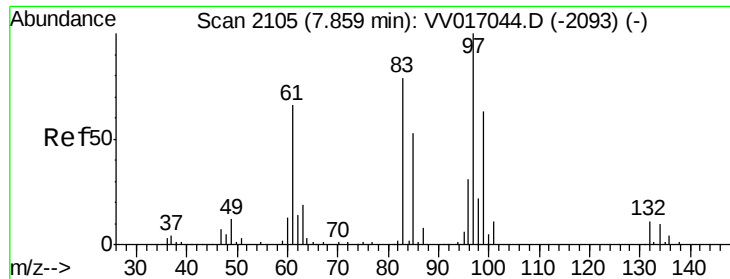
Tgt Ion: 75 Resp: 70199

Ion Ratio Lower Upper

75 100

77 32.2 22.3 41.3

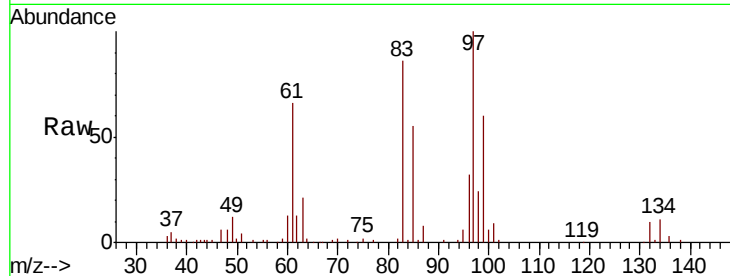




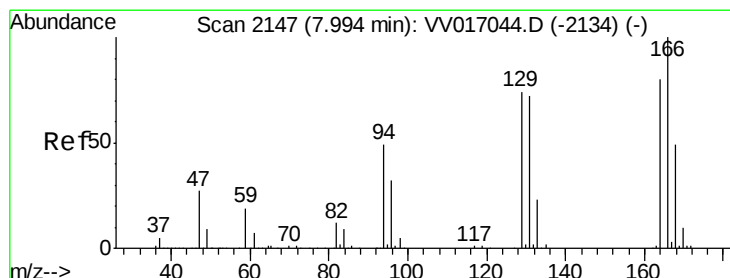
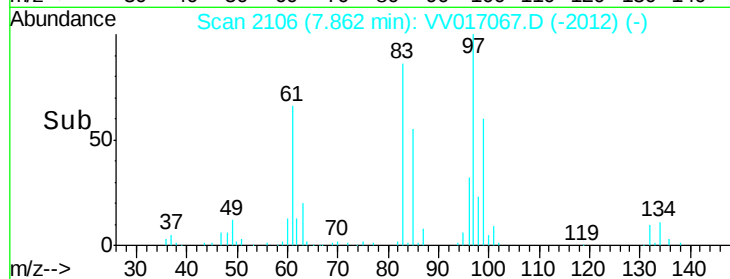
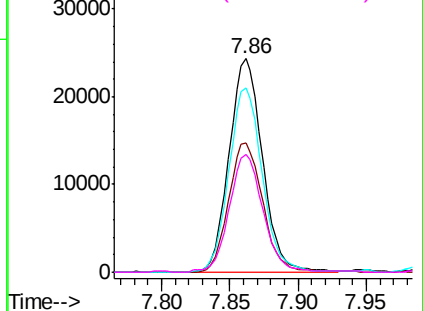
#47
 1,1,2-Trichloroethane
 Concen: 5.217 ug/L
 RT: 7.86 min Scan# 2106
 Delta R.T. 0.00 min
 Lab File: VV017067.D
 Acq: 23 Jun 2020 20:33

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Tot Ion: 97 Resp: 41412
 Ion Ratio Lower Upper
 97 100
 99 60.5 43.6 81.0
 83 86.1 57.4 106.6
 85 55.2 38.8 72.0



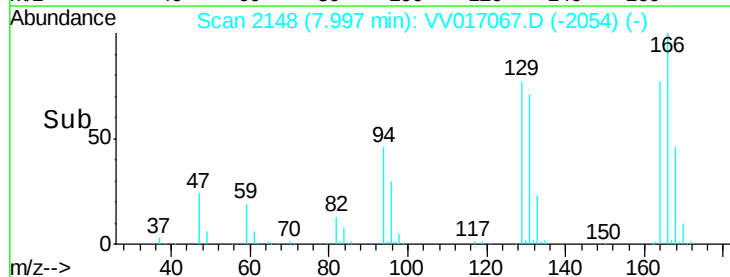
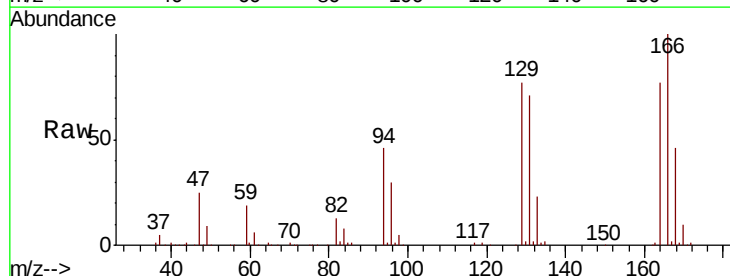
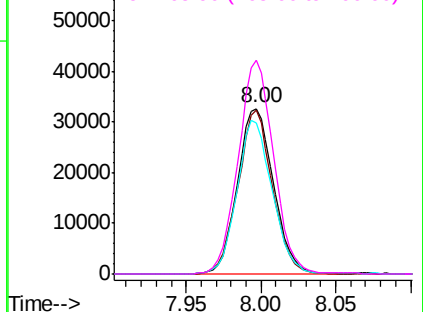
Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

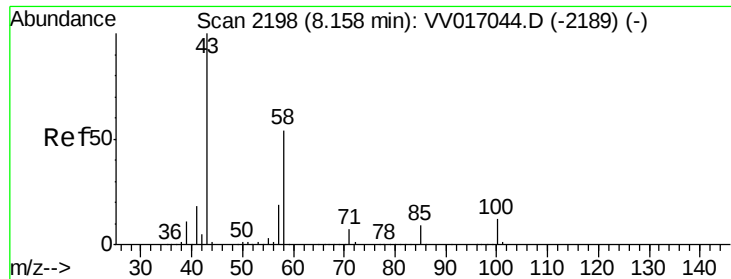


#49
 Tetrachloroethene
 Concen: 5.132 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV017067.D
 Acq: 23 Jun 2020 20:33

Tgt Ion: 164 Resp: 54693
 Ion Ratio Lower Upper
 164 100
 129 99.2 65.2 121.0
 131 91.5 64.1 119.1
 166 129.2 90.2 167.4

Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

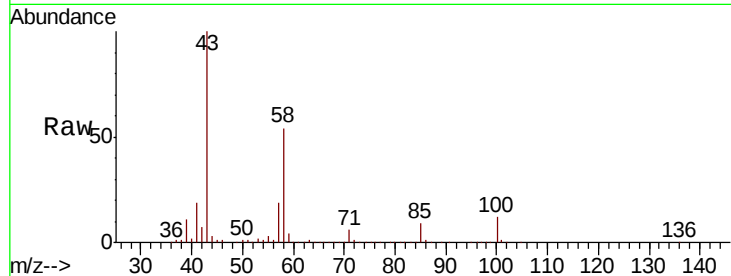




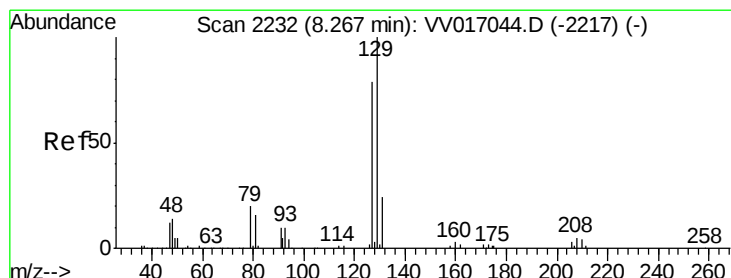
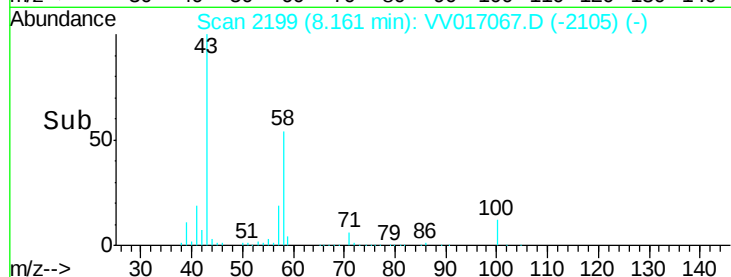
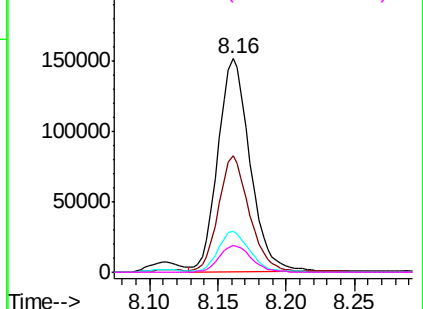
#50
2-Hexanone
Concen: 53.759 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

Tot Ion: 43 Resp: 247230
Ion Ratio Lower Upper
43 100
58 52.9 41.6 62.4
57 18.6 15.4 23.0
100 12.8 10.1 15.1

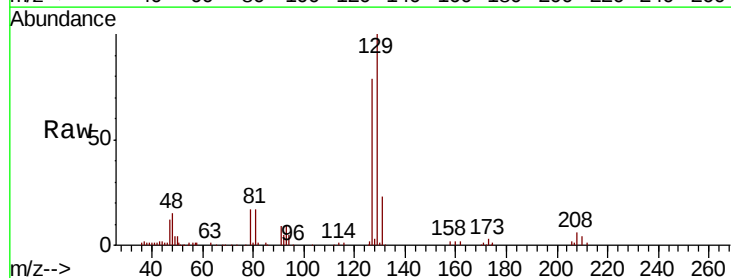


Abundance Ion 43.05 (42.75 to 43.75): VV017067.D (-2105) (-)
Ion 58.05 (57.75 to 58.75): VV017067.D (-2105) (-)
Ion 57.20 (56.90 to 57.90): VV017067.D (-2105) (-)
Ion 100.15 (99.85 to 100.85): VV017067.D (-2105) (-)

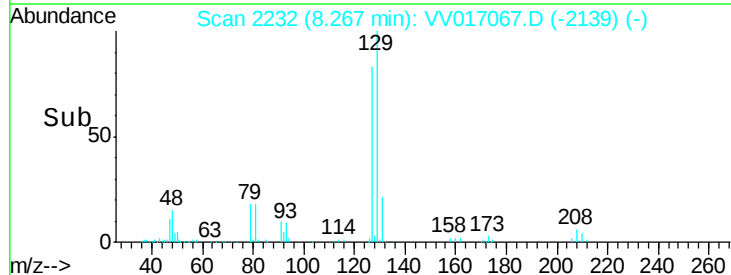
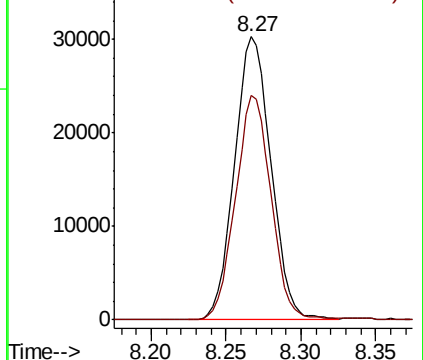


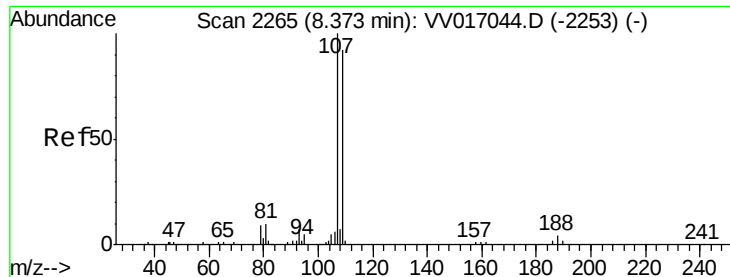
#51
Dibromochloromethane
Concen: 5.341 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

Tgt Ion: 129 Resp: 51390
Ion Ratio Lower Upper
129 100
127 79.5 54.1 100.5



Abundance Ion 128.95 (128.65 to 129.65): VV017067.D (-2139) (-)
Ion 126.90 (126.60 to 127.60): VV017067.D (-2139) (-)

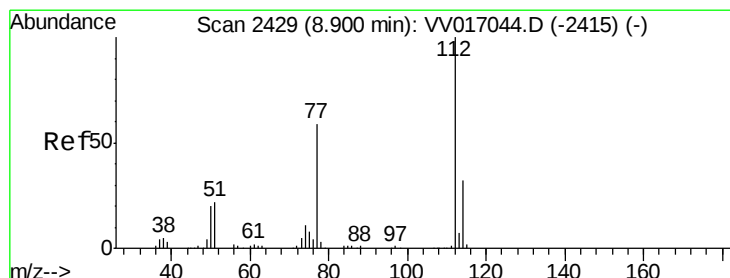
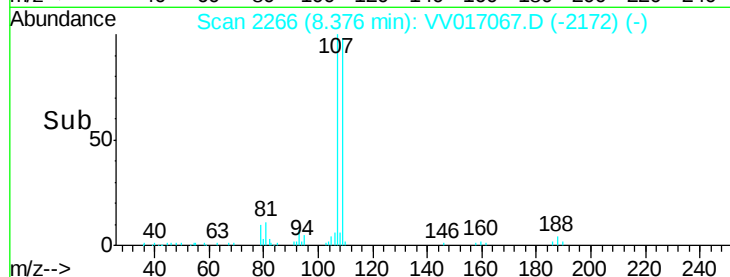
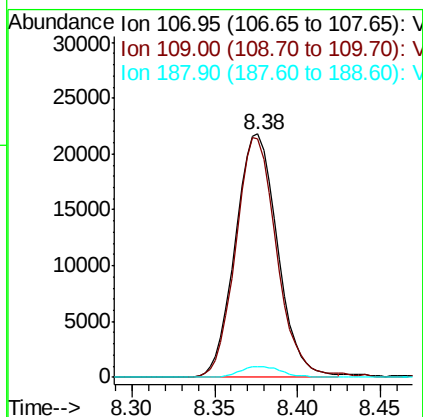
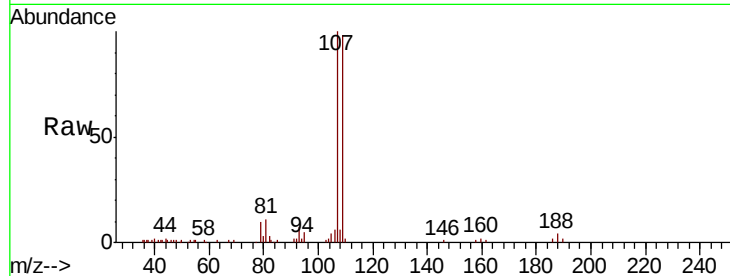




#52
1,2-Dibromoethane
Concen: 5.145 ug/L
RT: 8.38 min Scan# 2266
Delta R.T. 0.00 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

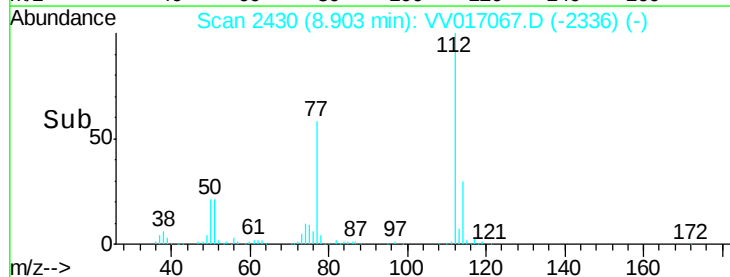
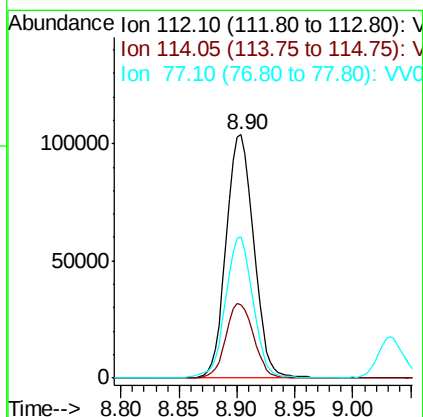
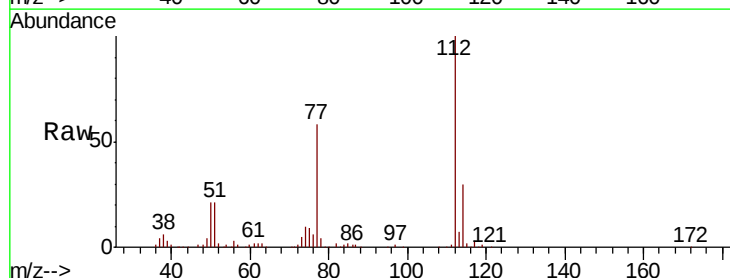
Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

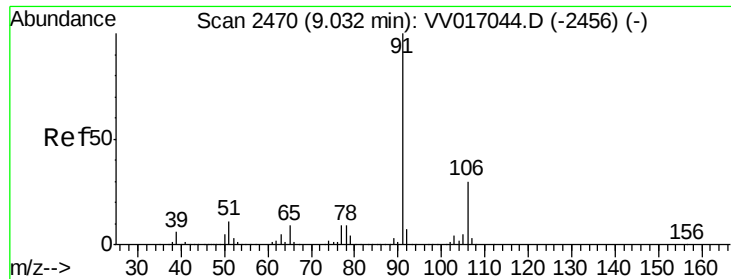
Tot Ion:107 Resp: 38734
Ion Ratio Lower Upper
107 100
109 97.8 69.4 128.8
188 4.4 3.9 5.9



#53
Chlorobenzene
Concen: 5.225 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

Tgt Ion:112 Resp: 171214
Ion Ratio Lower Upper
112 100
114 30.0 22.0 41.0
77 57.8 46.0 69.0

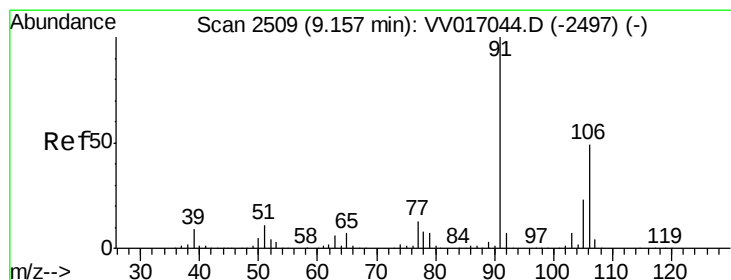
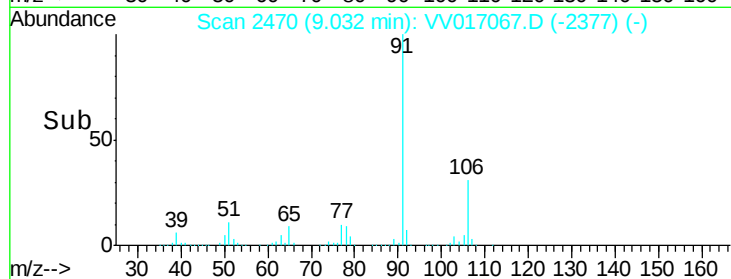
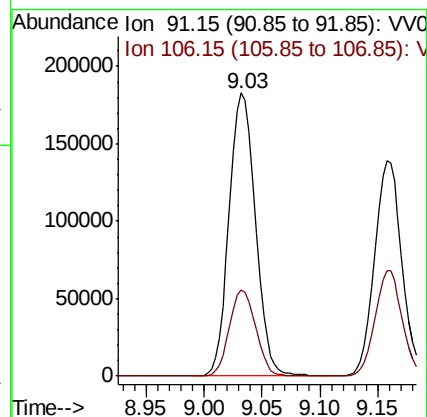
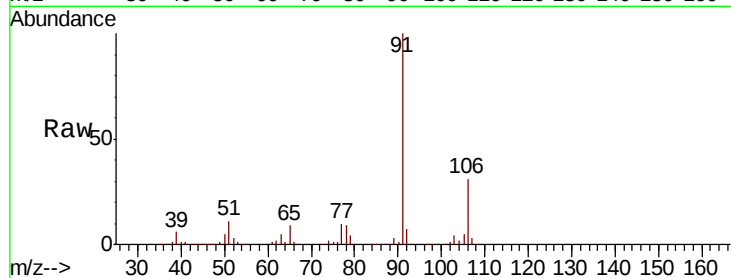




#54
Ethylbenzene
Concen: 5.135 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

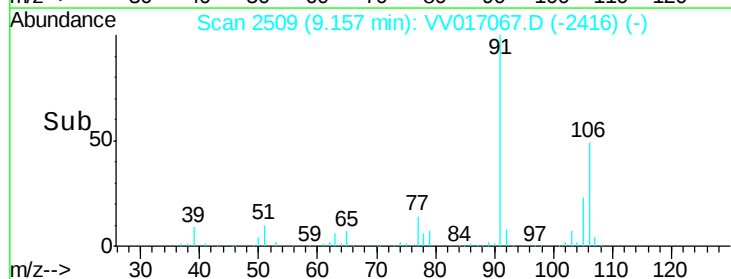
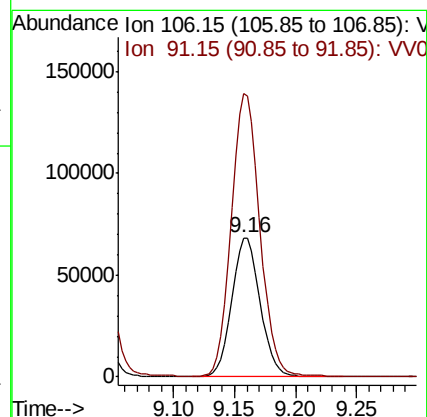
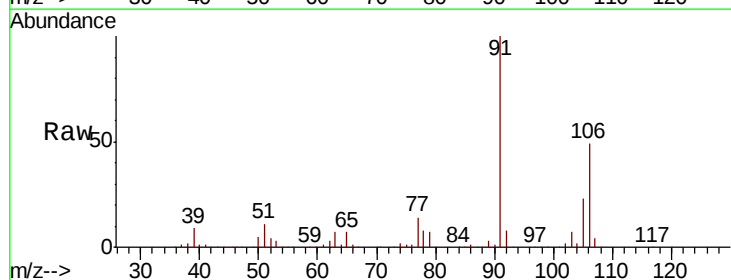
Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

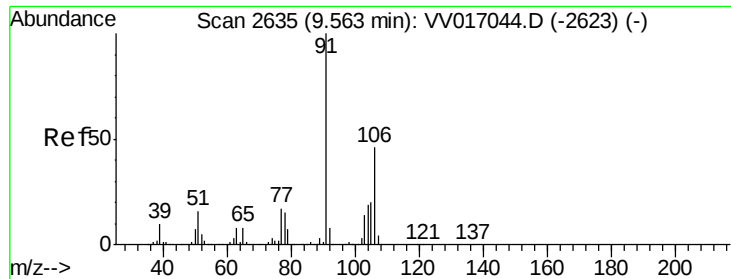
Tot Ion: 91 Resp: 288115
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.1



#55
m,p-xylene
Concen: 5.066 ug/L
RT: 9.16 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

Tgt Ion: 106 Resp: 111485
Ion Ratio Lower Upper
106 100
91 204.0 142.7 264.9

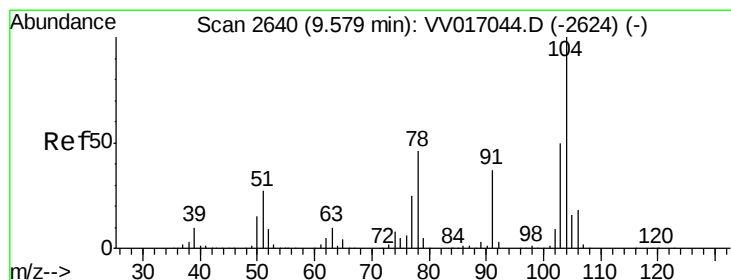
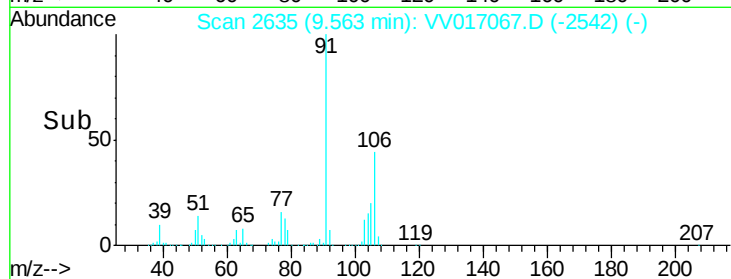
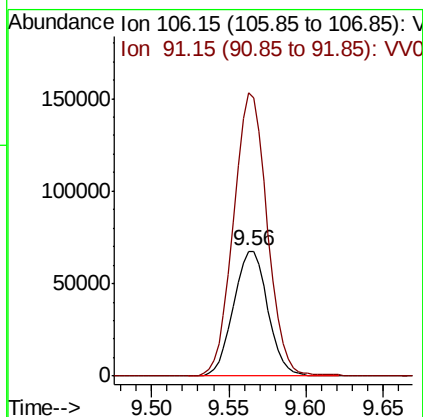
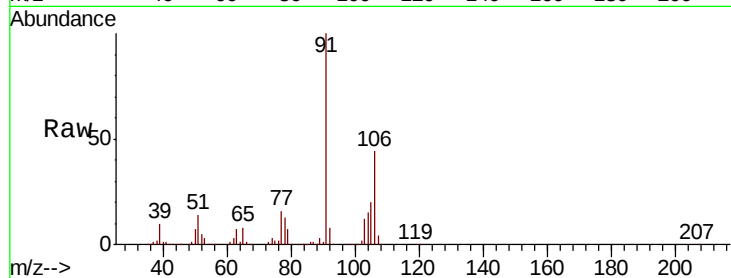




#56
o-xylene
Concen: 5.079 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

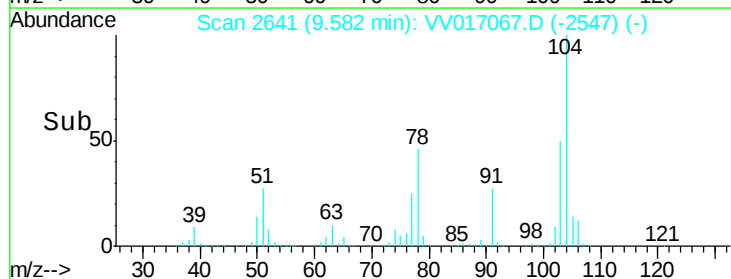
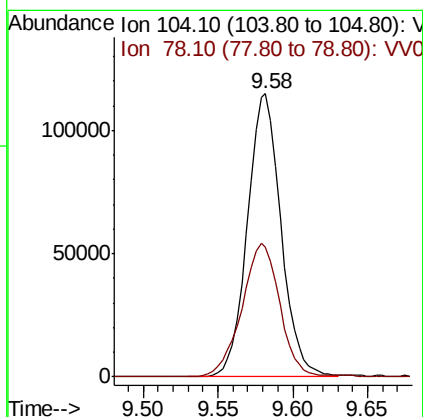
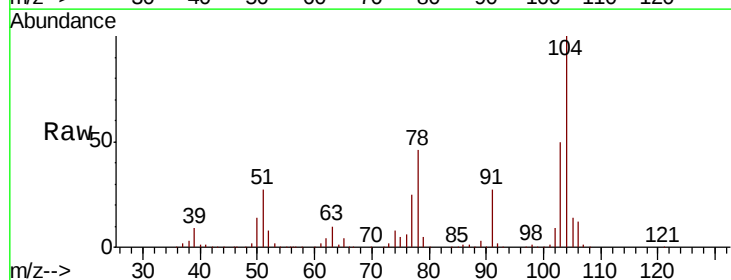
Instrument :
MSVOA_V
ClientSampleId :
VSTD00555

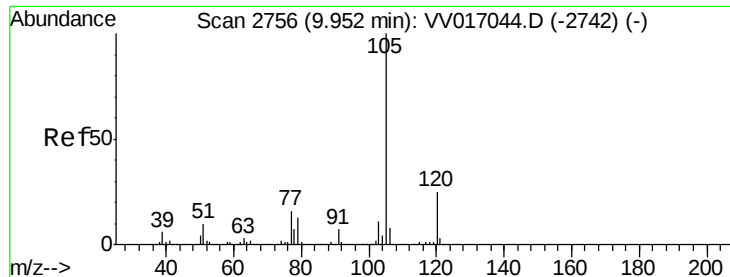
Tot Ion:106 Resp: 104295
Ion Ratio Lower Upper
106 100
91 226.4 153.6 285.2



#57
Styrene
Concen: 5.296 ug/L
RT: 9.58 min Scan# 2641
Delta R.T. 0.00 min
Lab File: VV017067.D
Acq: 23 Jun 2020 20:33

Tgt Ion:104 Resp: 180224
Ion Ratio Lower Upper
104 100
78 45.9 33.9 62.9





#58

Isopropylbenzene

Concen: 5.179 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampled :

VSTD00555

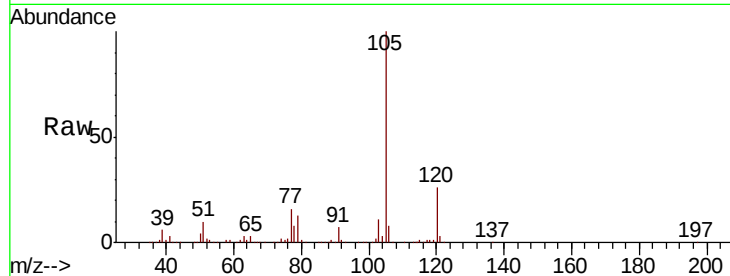
Tot Ion: 105 Resp: 292699

Ion Ratio Lower Upper

105 100

120 26.0 21.2 31.8

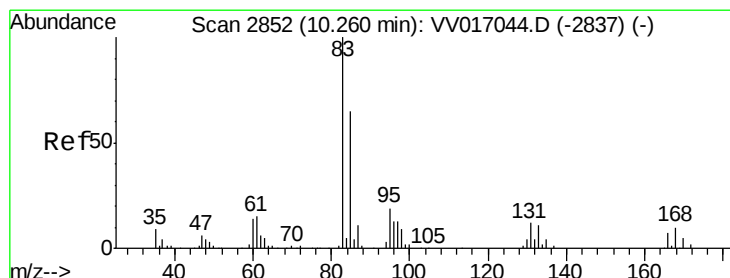
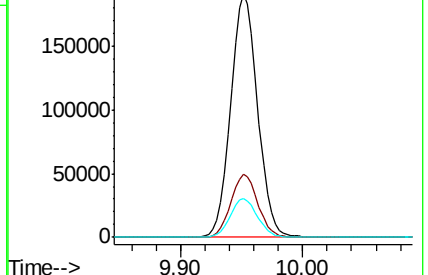
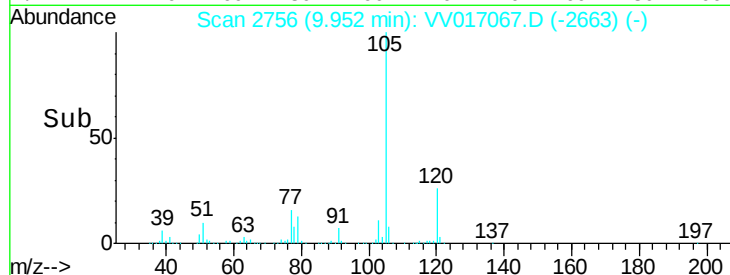
77 16.1 13.0 19.4



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: 5.651 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

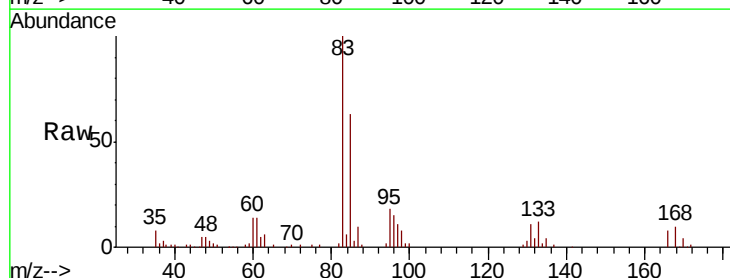
Tgt Ion: 83 Resp: 46404

Ion Ratio Lower Upper

83 100

85 63.4 42.9 79.7

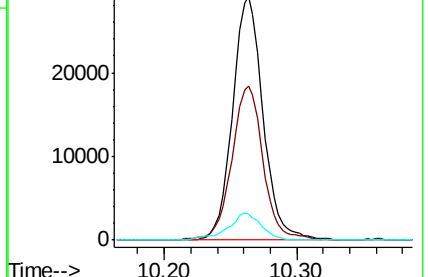
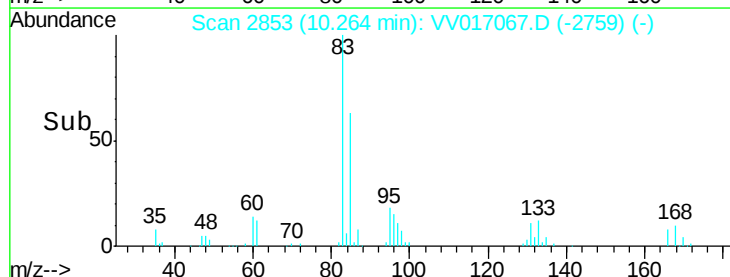
131 10.6 8.6 13.0

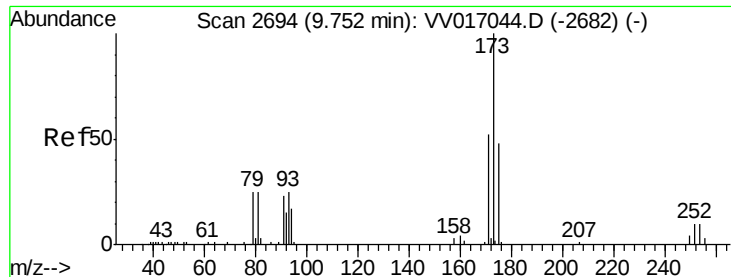


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 5.086 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampleId :

VSTD00555

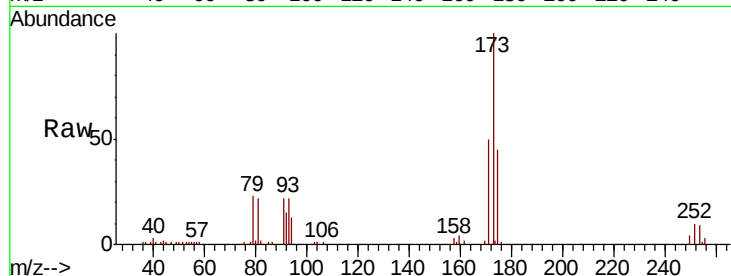
Tot Ion:173 Resp: 25631

Ion Ratio Lower Upper

173 100

175 49.4 39.4 59.2

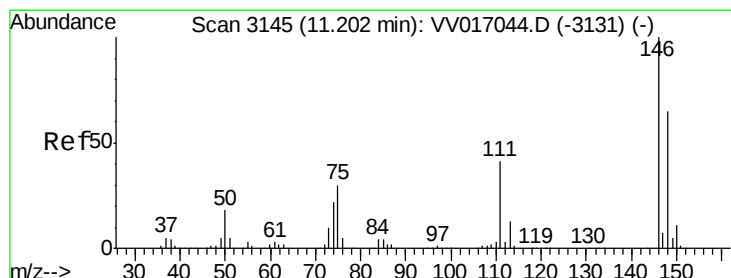
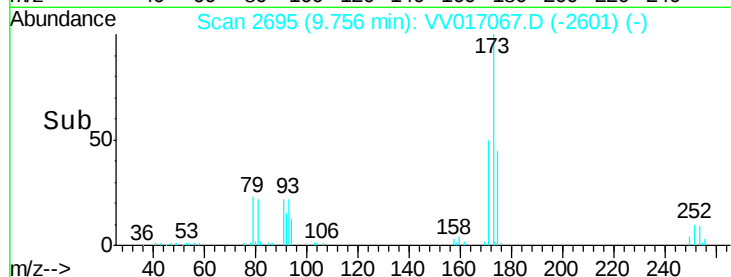
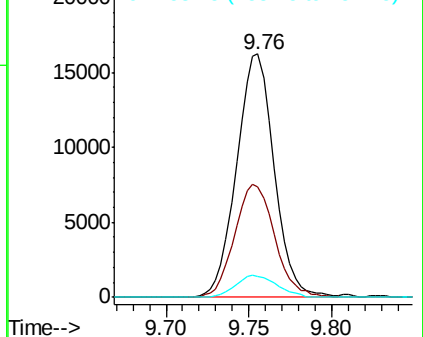
254 9.9 7.4 11.2



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: 5.032 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

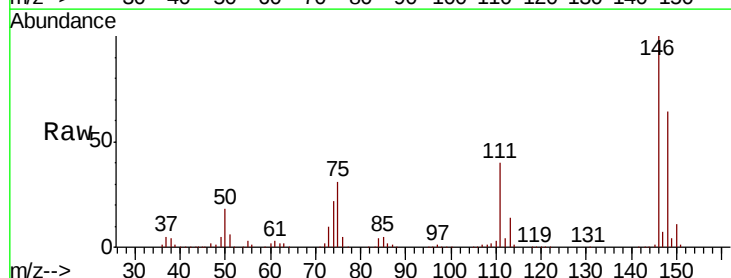
Tgt Ion:146 Resp: 142689

Ion Ratio Lower Upper

146 100

111 40.0 29.2 54.2

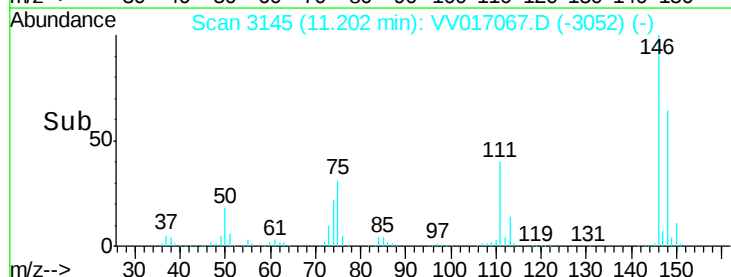
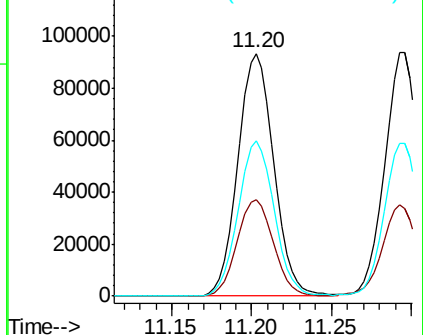
148 64.1 44.9 83.5

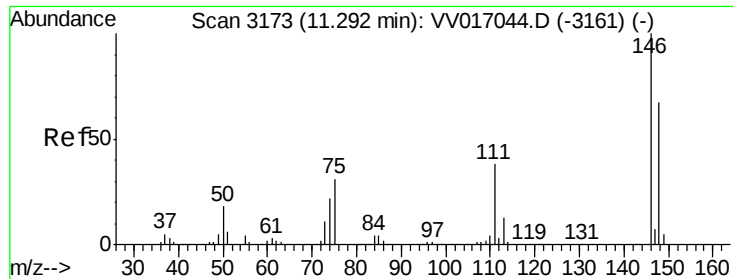


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#64

1,4-Dichlorobenzene

Concen: 5.000 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

Instrument :

MSVOA_V

ClientSampled :

VSTD00555

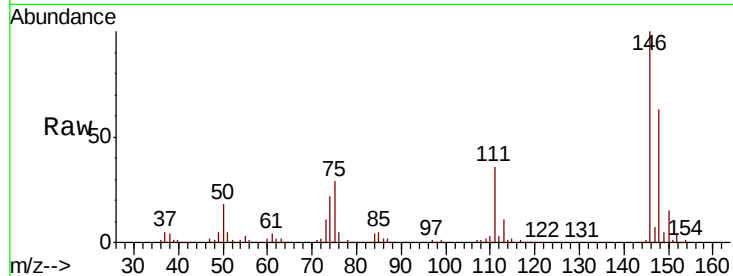
Tot Ion:146 Resp: 144118

Ion Ratio Lower Upper

146 100

111 35.9 27.4 50.8

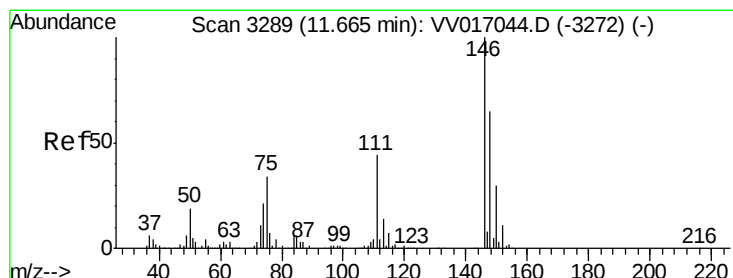
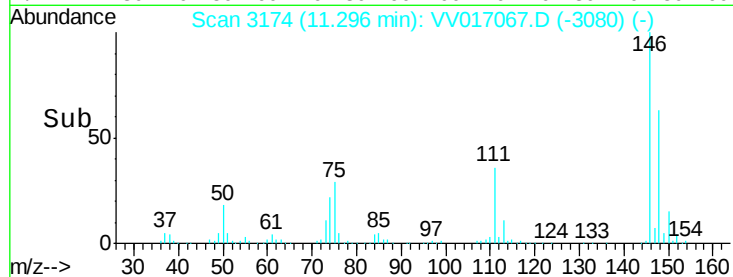
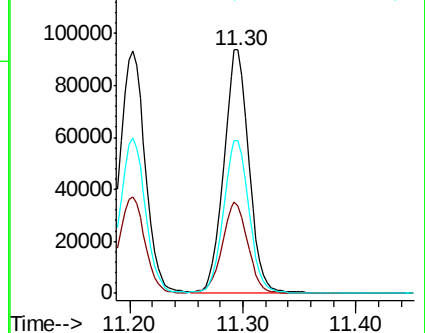
148 62.6 44.3 82.3



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



#66

1,2-Dichlorobenzene

Concen: 5.055 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV017067.D

Acq: 23 Jun 2020 20:33

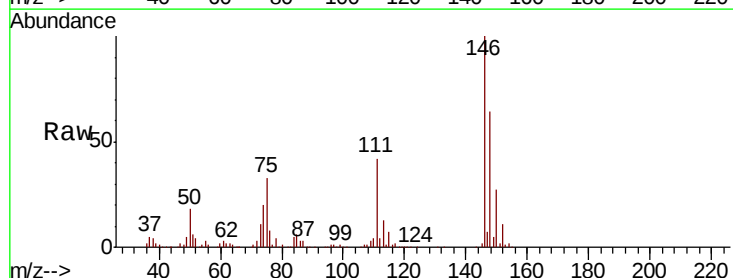
Tgt Ion:146 Resp: 130109

Ion Ratio Lower Upper

146 100

111 41.8 34.4 51.6

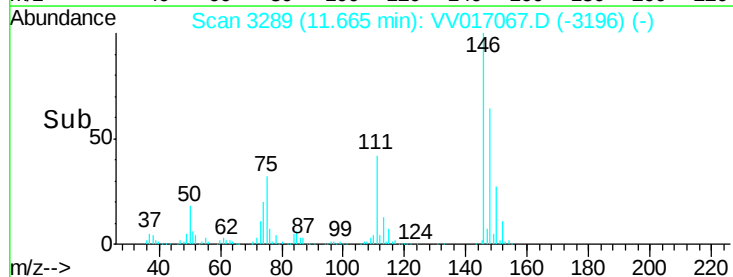
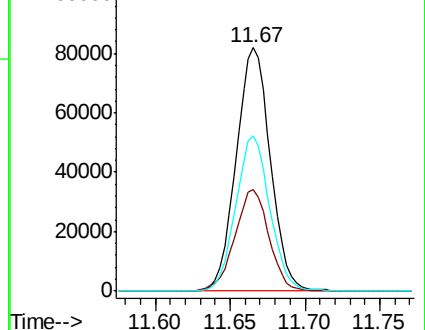
148 63.8 49.9 74.9

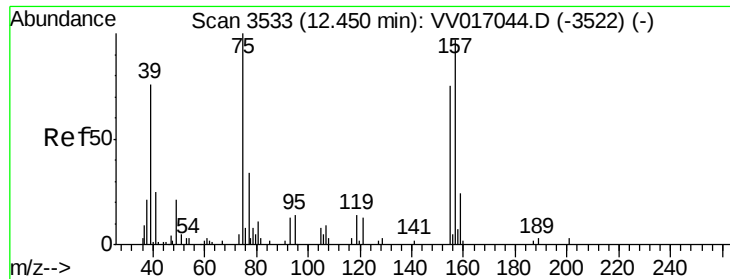


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

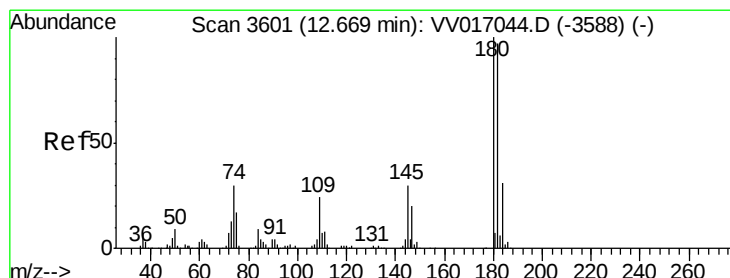
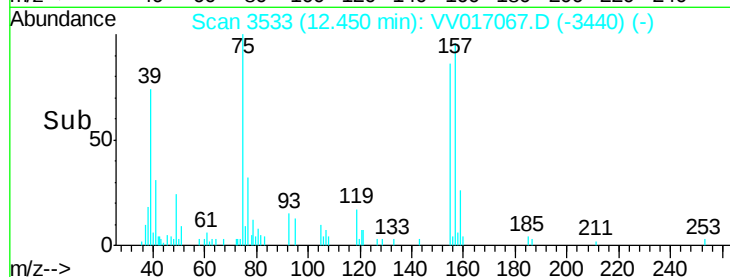
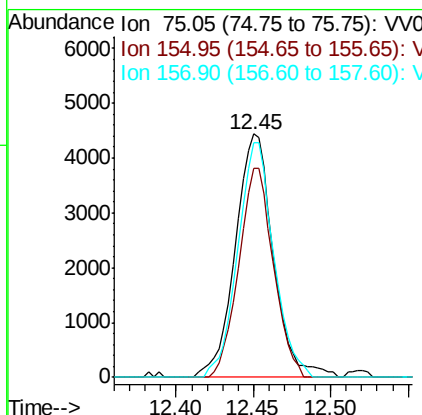
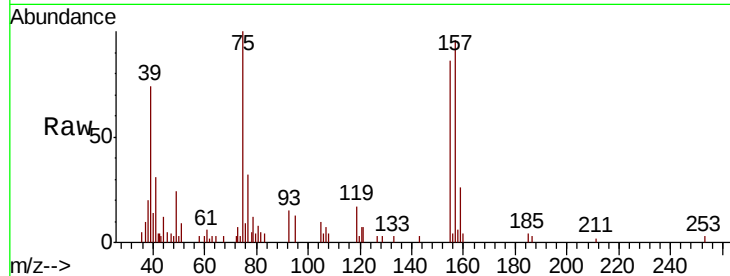




#67
 1,2-Dibromo-3-chloropropane
 Concen: 5.325 ug/L
 RT: 12.45 min Scan# 3533
 Delta R.T. 0.00 min
 Lab File: VV017067.D
 Acq: 23 Jun 2020 20:33

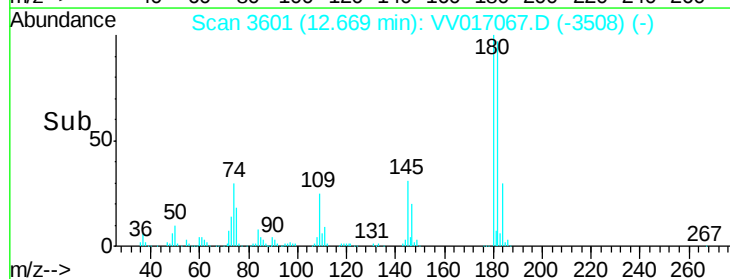
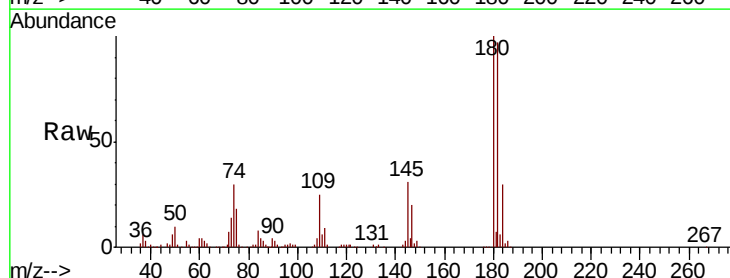
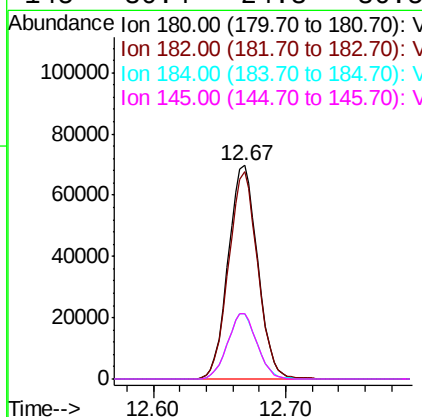
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

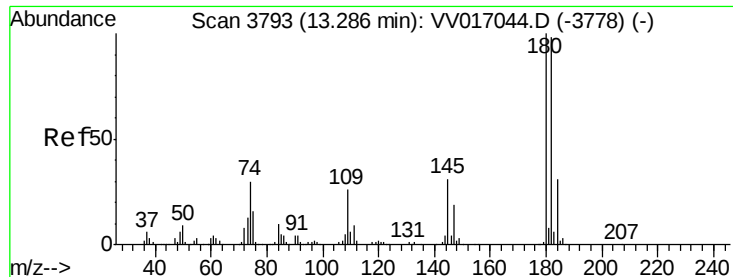
Tot Ion: 75 Resp: 7581
 Ion Ratio Lower Upper
 75 100
 155 86.0 71.1 106.7
 157 96.5 88.3 132.5



#68
 1,3,5-Trichlorobenzene
 Concen: 4.718 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV017067.D
 Acq: 23 Jun 2020 20:33

Tgt Ion: 180 Resp: 107503
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.4 116.2
 184 30.6 24.2 36.4
 145 30.4 24.3 36.5

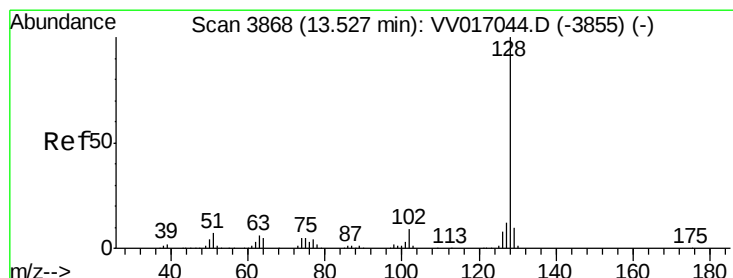
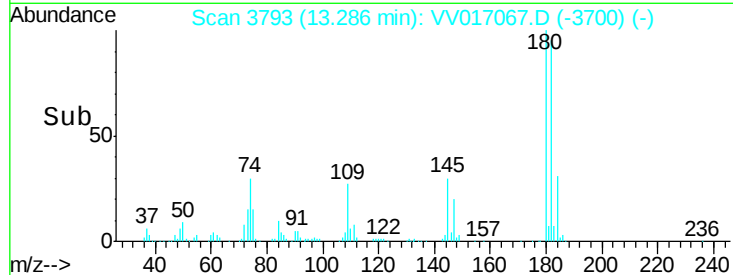
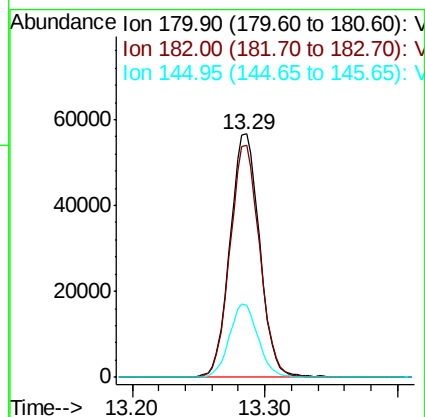
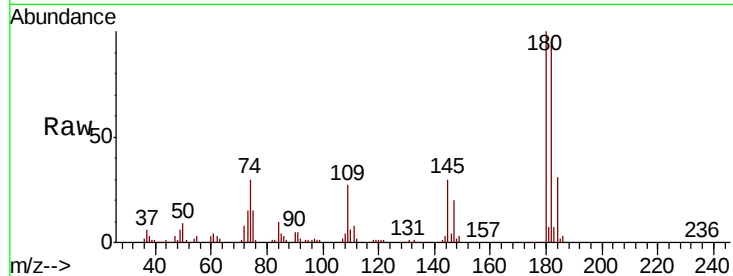




#69
 1,2,4-trichlorobenzene
 Concen: 4.694 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV017067.D
 Acq: 23 Jun 2020 20:33

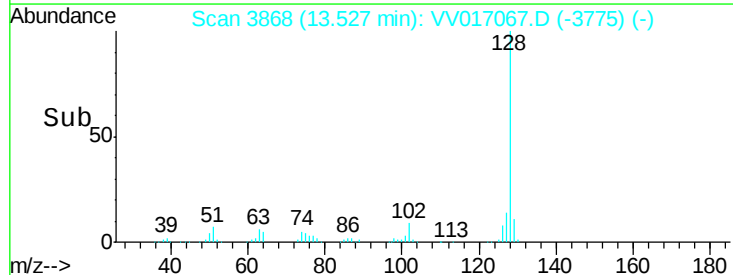
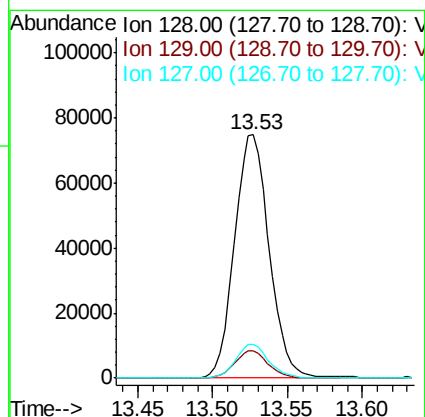
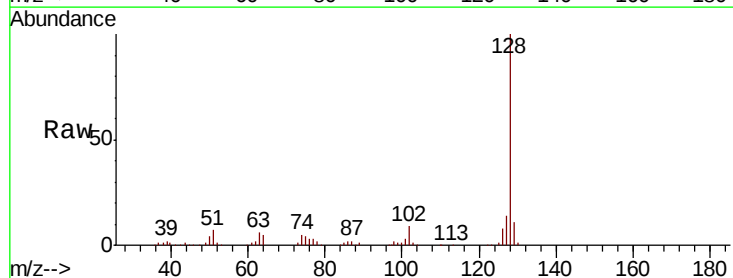
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

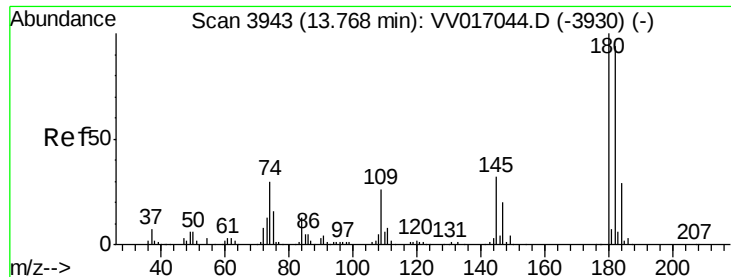
Tot Ion:180 Resp: 88049
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.6 114.8
 145 29.3 25.0 37.6



#70
 Naphthalene
 Concen: 4.565 ug/L
 RT: 13.53 min Scan# 3868
 Delta R.T. 0.00 min
 Lab File: VV017067.D
 Acq: 23 Jun 2020 20:33

Tgt Ion:128 Resp: 120910
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 13.2 10.5 15.7





#71
 1,2,3-Trichlorobenzene
 Concen: 4.893 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV017067.D
 Acq: 23 Jun 2020 20:33

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Tot Ion:180 Resp: 74854
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.4 116.0
 145 33.4 25.9 38.9

