

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101420\NOT REVIEWED DATA\
 Data File : VV018893.D
 Acq On : 14 Oct 2020 13:58
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05003

Quant Time: Oct 14 15:26:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 15:16:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362308	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	356444	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	189803	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141111	47.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.64%
7) Chloroethane-d5	1.58	69	112276	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.04%
11) 1,1-Dichloroethene-d2	2.12	63	268369	47.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.34%
21) 2-Butanone-d5	3.91	46	209936	100.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.99%
24) Chloroform-d	4.37	84	256987	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
26) 1,2-Dichloroethane-d4	5.05	65	172466	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
32) Benzene-d6	5.07	84	510663	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
36) 1,2-Dichloropropane-d6	6.09	67	163609	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.36%
41) Toluene-d8	7.34	98	466807	50.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.02%
43) trans-1,3-Dichloropropene-	7.64	79	82213	50.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.10%
47) 2-Hexanone-d5	8.11	63	133743	108.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.21%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	197273	50.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	184705	47.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.66%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	145934	46.517	ug/L 100
3) Chloromethane	1.25	50	170329	48.141	ug/L 100
5) Vinyl chloride	1.32	62	162582	47.543	ug/L 100
6) Bromomethane	1.53	94	100520	48.178	ug/L 100
8) Chloroethane	1.60	64	98689	48.117	ug/L 100
9) Trichlorofluoromethane	1.76	101	208695	46.236	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	111098	47.268	ug/L 100
12) 1,1-Dichloroethene	2.13	96	113611	47.699	ug/L 100
13) Acetone	2.19	43	145845	96.012	ug/L 100
14) Carbon disulfide	2.31	76	382866	47.181	ug/L 100
15) Methyl Acetate	2.45	43	157081	50.339	ug/L 100
16) Methylene chloride	2.52	84	136287	47.696	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	129076	48.818	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	411301	49.235	ug/L 100
19) 1,1-Dichloroethane	3.21	63	249641	48.532	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	137762	49.160	ug/L 100
22) 2-Butanone	3.99	43	216949	105.041	ug/L 100

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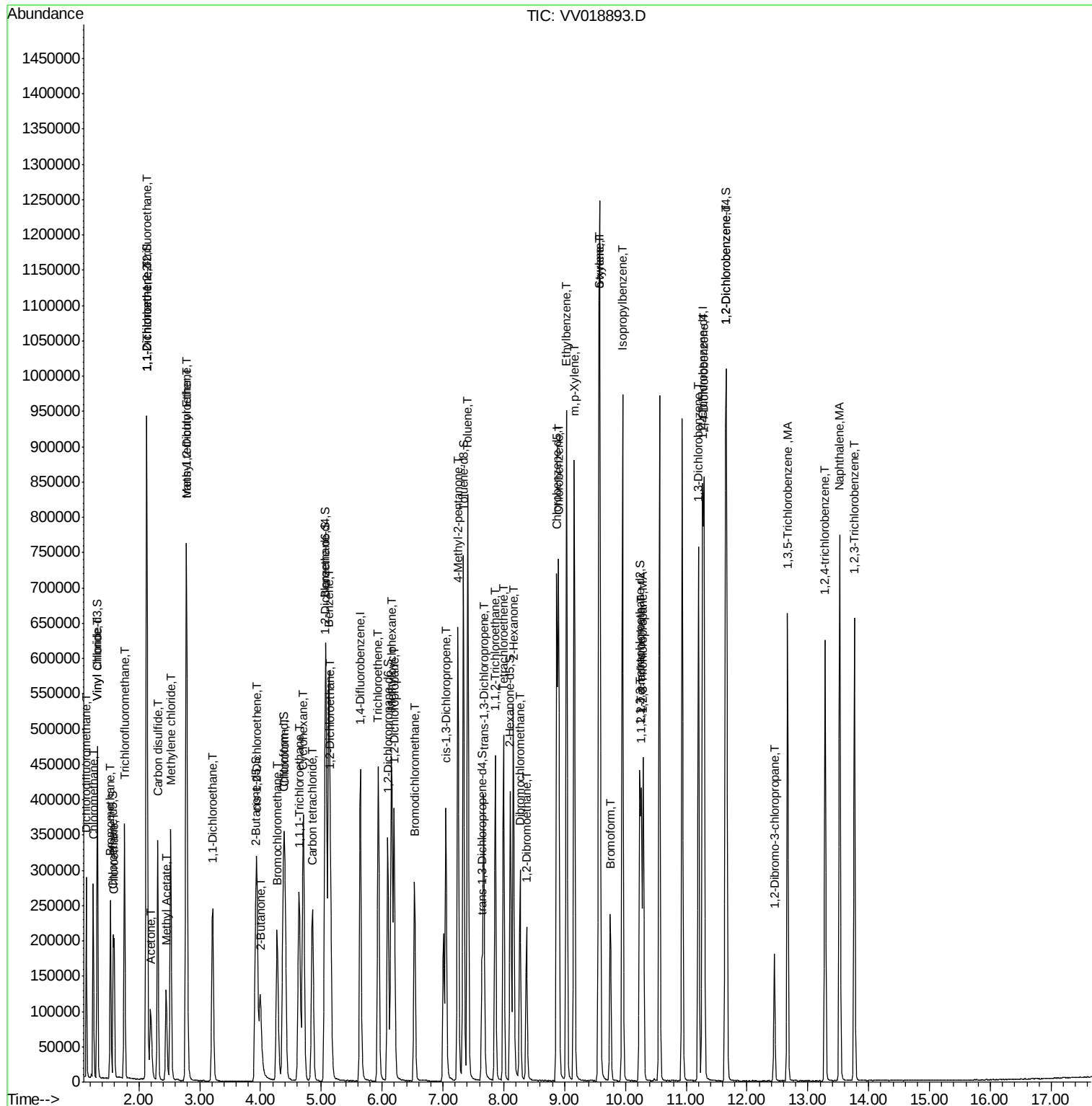
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	70125	48.453	ug/L	100
25) Chloroform	4.40	83	252365	48.789	ug/L	100
27) 1,2-Dichloroethane	5.15	62	207085	49.009	ug/L	100
29) Cyclohexane	4.70	56	208912	49.318	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	215047	48.621	ug/L	100
31) Carbon tetrachloride	4.85	117	182107	48.376	ug/L	100
33) Benzene	5.12	78	543530	49.744	ug/L	100
34) Trichloroethene	5.94	95	149495	47.445	ug/L	100
35) Methylcyclohexane	6.15	83	180839	47.388	ug/L	100
37) 1,2-Dichloropropane	6.20	63	147178	50.317	ug/L	100
38) Bromodichloromethane	6.53	83	184813	49.281	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	217404	49.464	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	423255	104.928	ug/L	100
42) Toluene	7.41	91	576769	51.108	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	221183	51.931	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	132376	48.653	ug/L	100
46) Tetrachloroethene	8.00	164	106974	48.173	ug/L	100
48) 2-Hexanone	8.16	43	334357	104.542	ug/L	100
49) Dibromochloromethane	8.27	129	143589	49.849	ug/L	100
50) 1,2-Dibromoethane	8.37	107	140105	49.411	ug/L	100
51) Chlorobenzene	8.90	112	362531	49.274	ug/L	100
52) Ethylbenzene	9.03	91	625762	51.222	ug/L	100
53) m,p-Xylene	9.16	106	230902	50.733	ug/L	100
54) o-xylene	9.56	106	224310	51.514	ug/L	100
55) Styrene	9.58	104	401110	52.372	ug/L	100
56) Isopropylbenzene	9.95	105	588638	51.494	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	187137	50.654	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	176125	49.744	ug/L	100
61) Bromoform	9.75	173	104158	50.235	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	287688	48.893	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	299524	48.418	ug/L	100
65) 1,2-Dichlorobenzene	11.66	146	290568	48.946	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	44311	50.087	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	195308	49.413	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	183858	50.481	ug/L	100
69) Naphthalene	13.52	128	556618	53.852	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	188816	51.864	ug/L	100

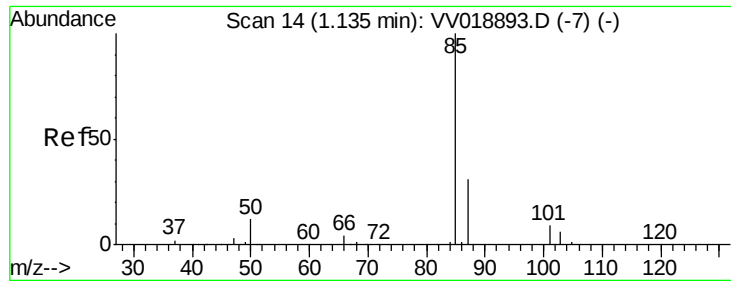
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 46.517 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

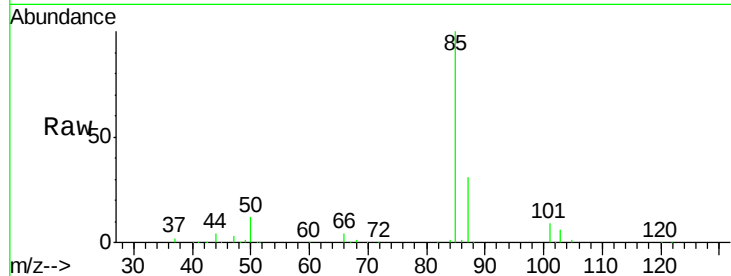
VSTD05003

Tgt Ion: 85 Resp: 145934

Ion Ratio Lower Upper

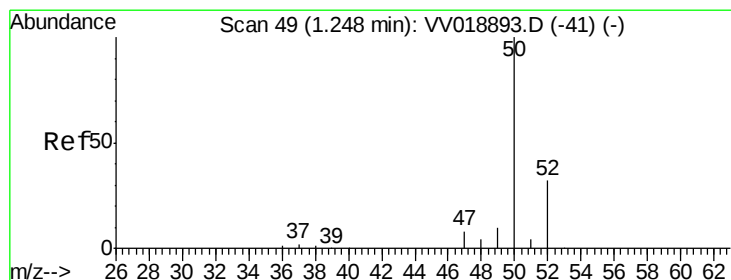
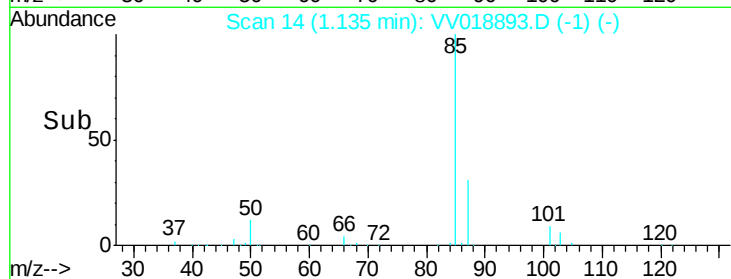
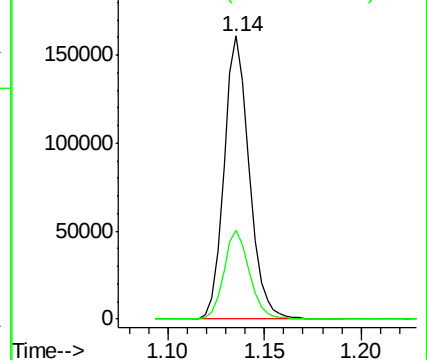
85 100

87 31.6 25.3 37.9



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 48.141 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV018893.D

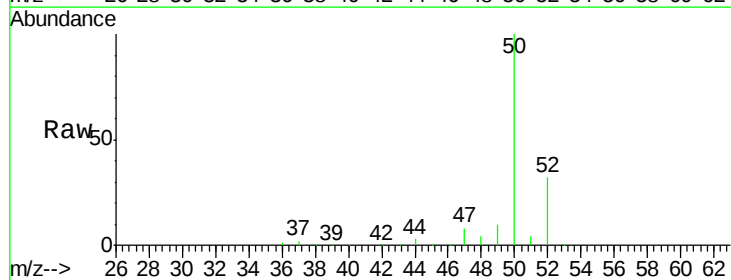
Acq: 14 Oct 2020 13:58

Tgt Ion: 50 Resp: 170329

Ion Ratio Lower Upper

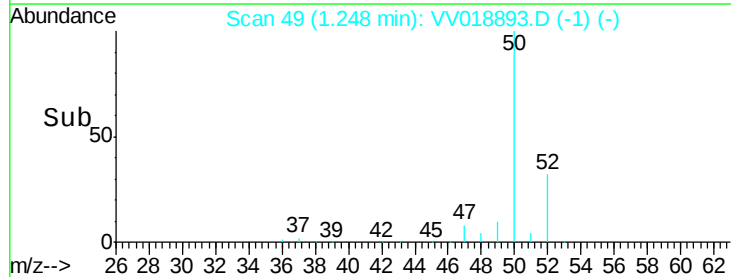
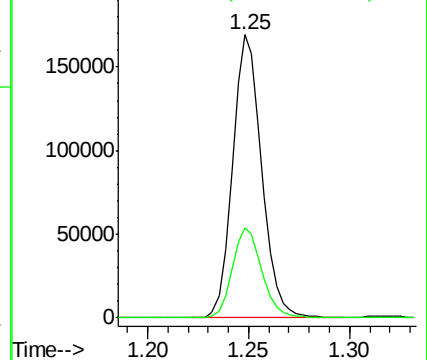
50 100

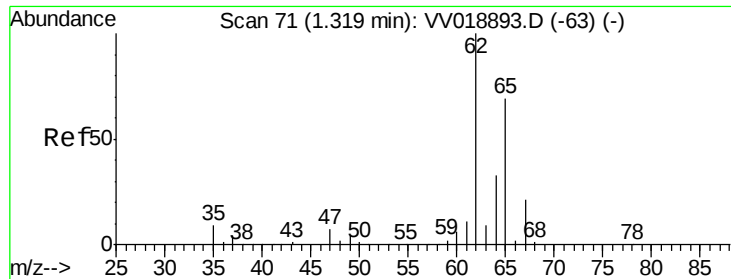
52 32.0 22.4 41.6



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 47.543 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

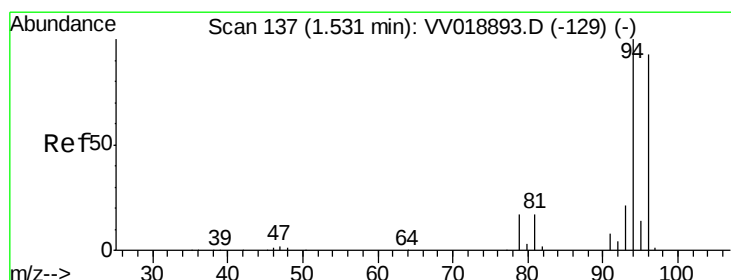
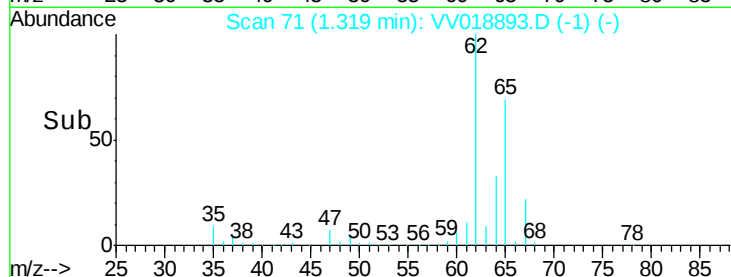
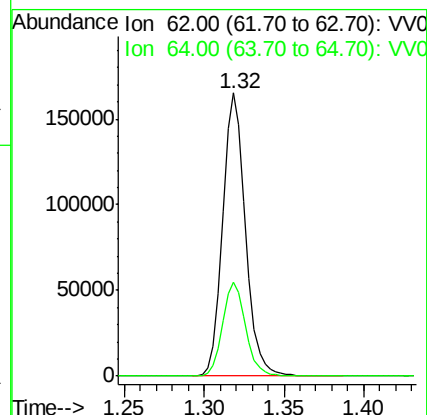
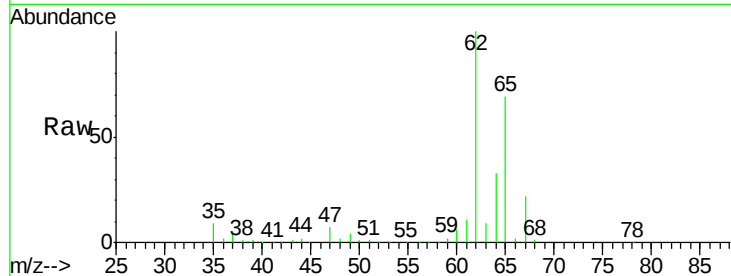
VSTD05003

Tgt Ion: 62 Resp: 162582

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.2



#6

Bromomethane

Concen: 48.178 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV018893.D

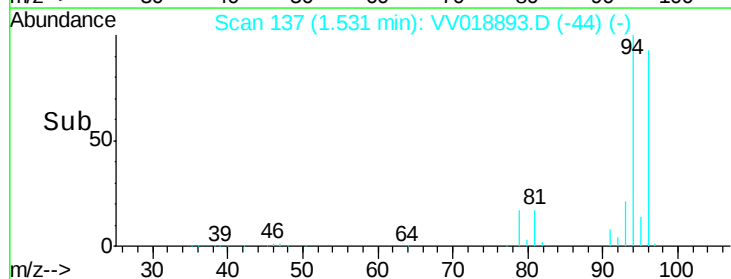
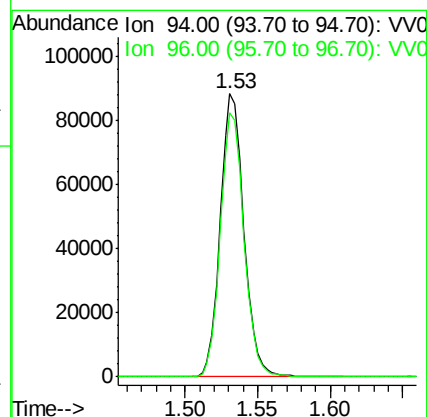
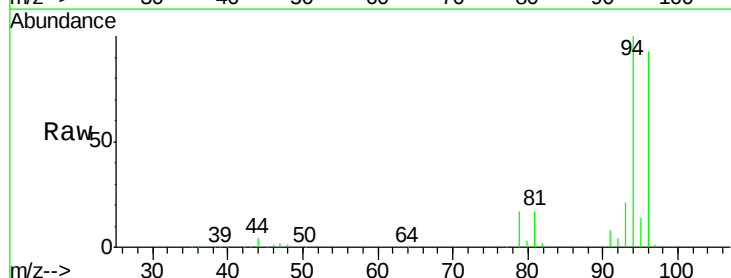
Acq: 14 Oct 2020 13:58

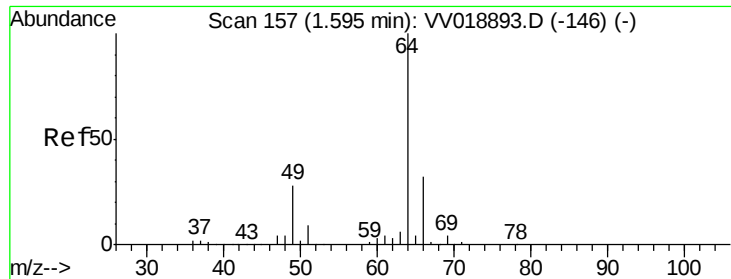
Tgt Ion: 94 Resp: 100520

Ion Ratio Lower Upper

94 100

96 93.3 65.3 121.3





#8

Chloroethane

Concen: 48.117 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

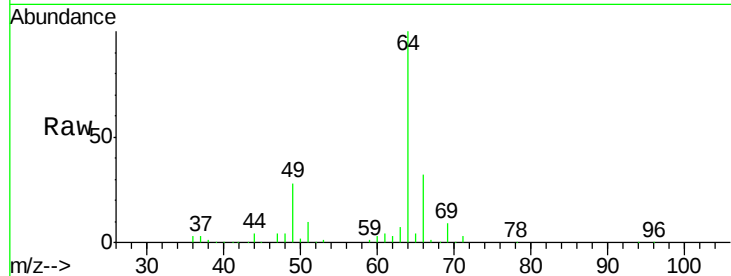
VSTD05003

Tgt Ion: 64 Resp: 98689

Ion Ratio Lower Upper

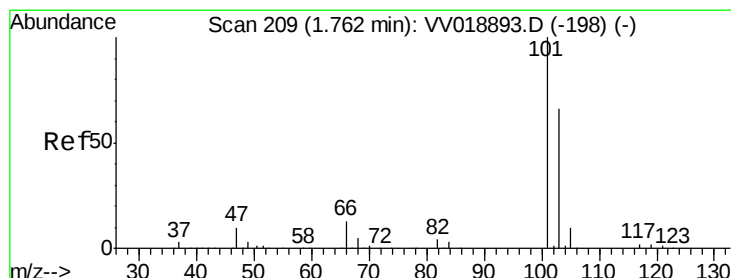
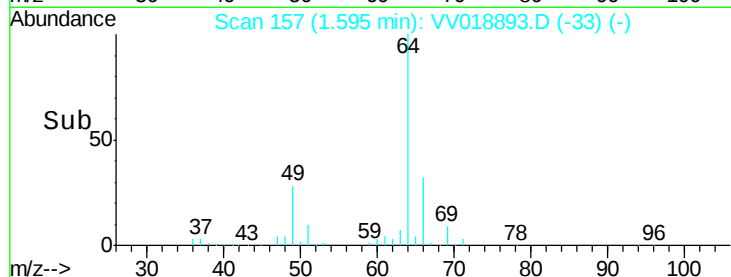
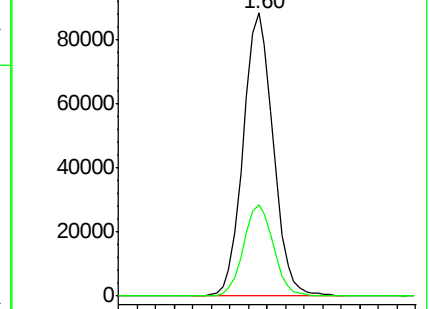
64 100

66 32.4 22.7 42.1



Abundance Ion 64.00 (63.70 to 64.70): VV018893.D (-146) (-)

Ion 66.00 (65.70 to 66.70): VV018893.D (-146) (-)



#9

Trichlorofluoromethane

Concen: 46.236 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV018893.D

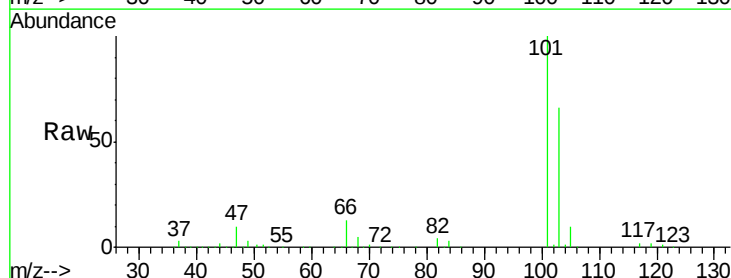
Acq: 14 Oct 2020 13:58

Tgt Ion: 101 Resp: 208695

Ion Ratio Lower Upper

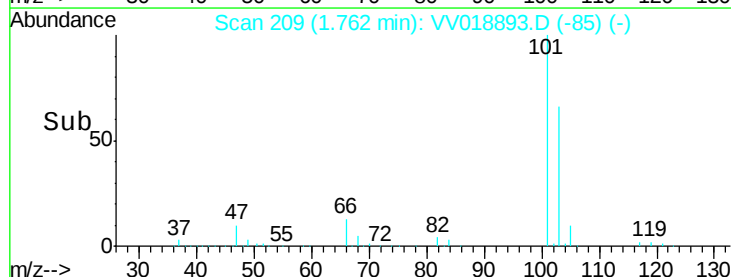
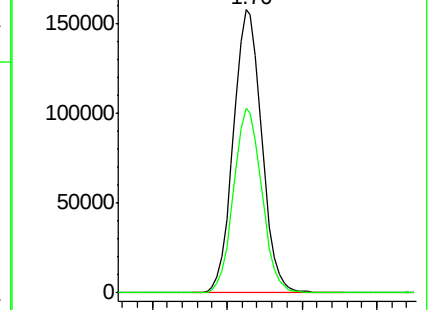
101 100

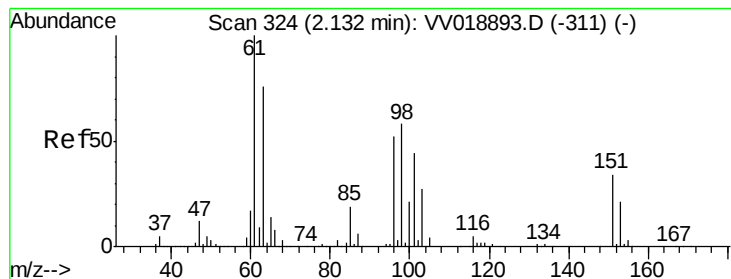
103 64.9 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): VV018893.D (-198) (-)

Ion 103.00 (102.70 to 103.70): VV018893.D (-198) (-)





#10

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

Concen: 47.268 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD05003

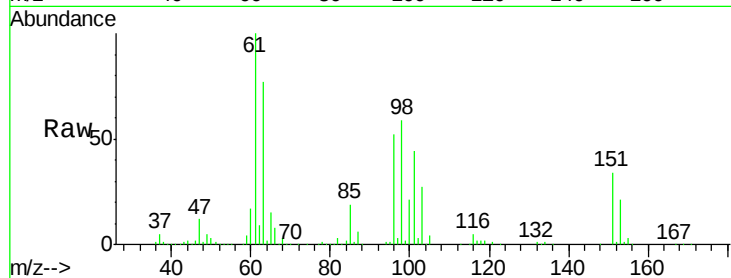
Tgt Ion: 101 Resp: 111098

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.4

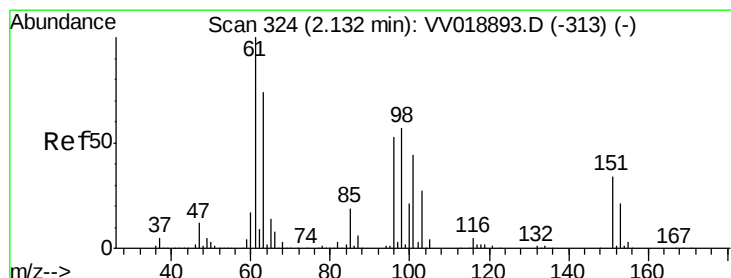
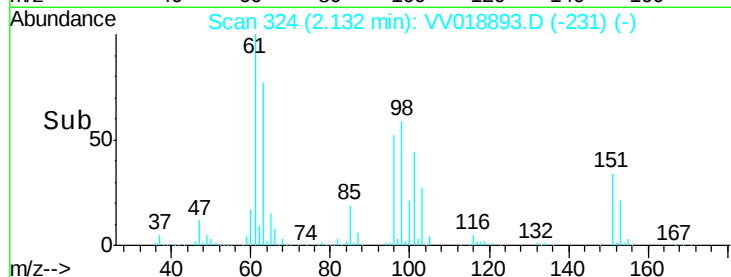
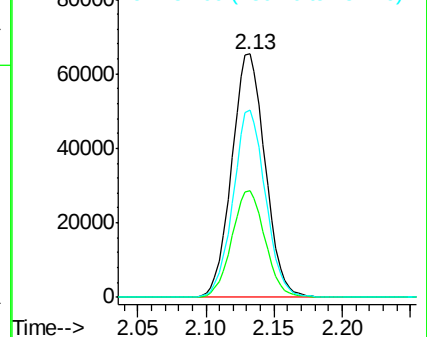
151 74.6 59.7 89.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 47.699 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

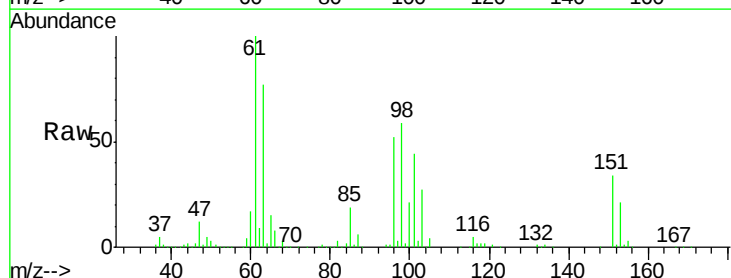
Tgt Ion: 96 Resp: 113611

Ion Ratio Lower Upper

96 100

61 190.7 133.5 247.9

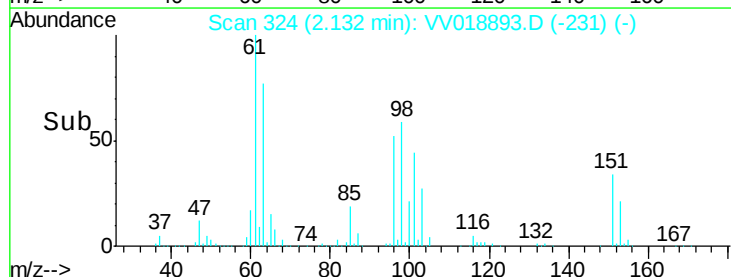
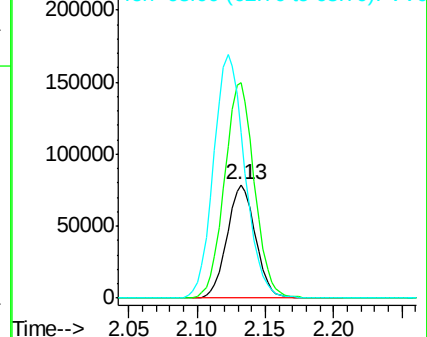
63 145.9 102.1 189.7

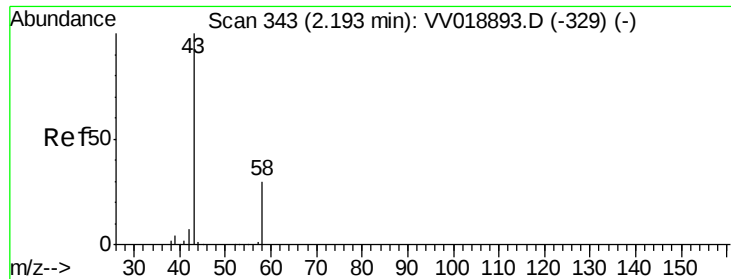


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 96.012 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

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MSVOA_V

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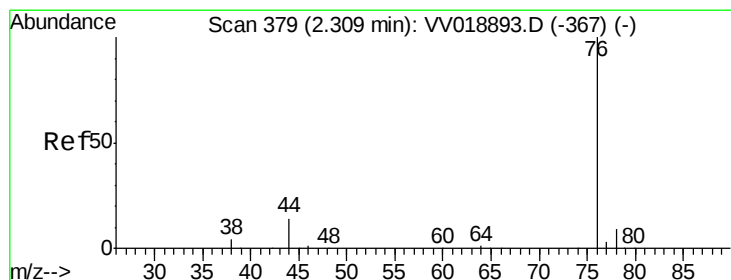
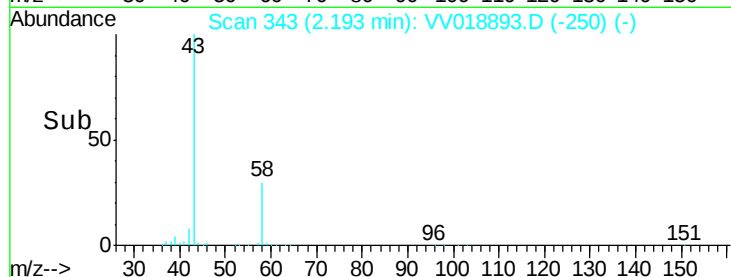
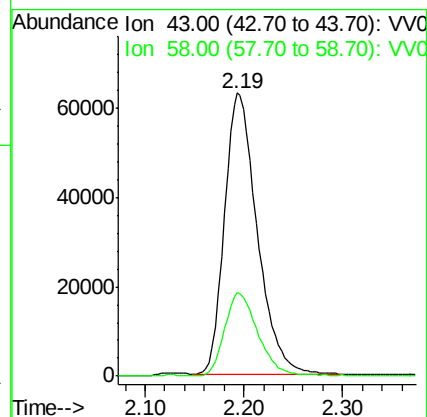
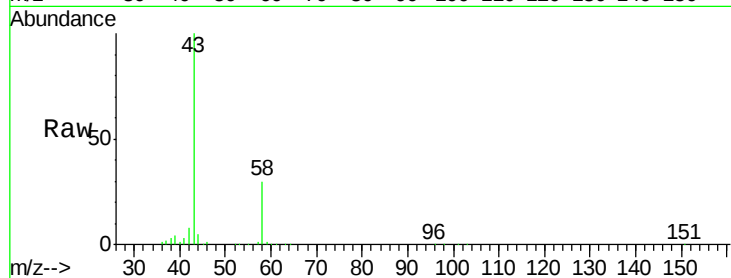
VSTD05003

Tgt Ion: 43 Resp: 145845

Ion Ratio Lower Upper

43 100

58 29.4 0.0 58.8



#14

Carbon disulfide

Concen: 47.181 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV018893.D

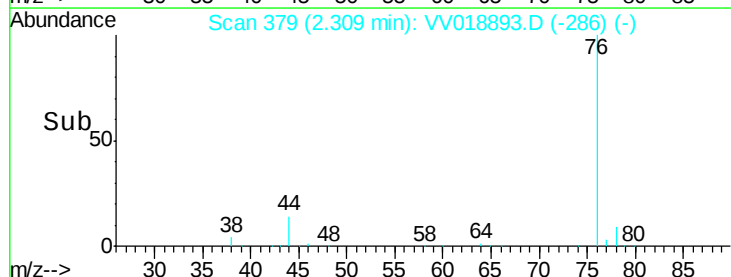
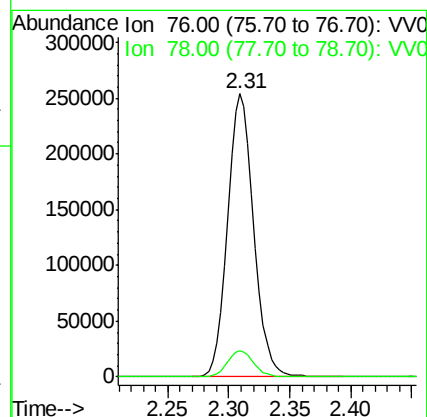
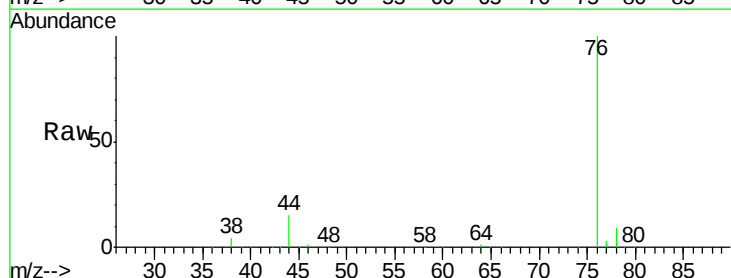
Acq: 14 Oct 2020 13:58

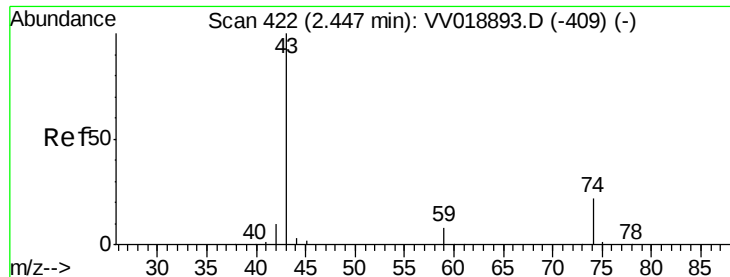
Tgt Ion: 76 Resp: 382866

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

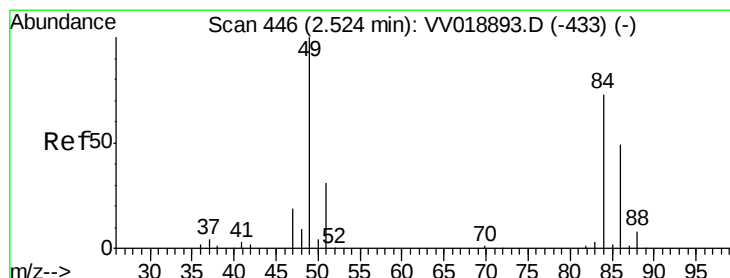
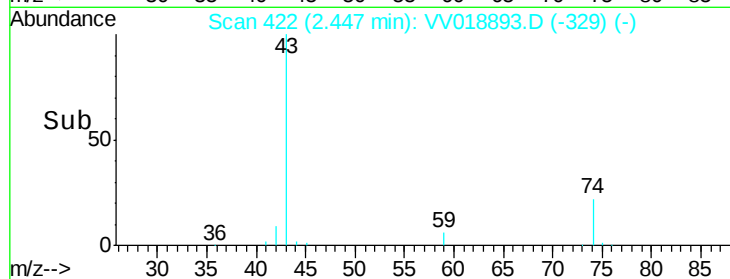
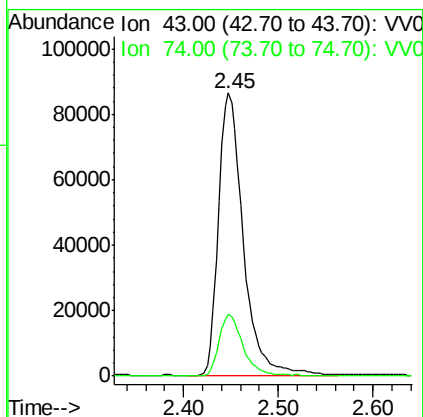
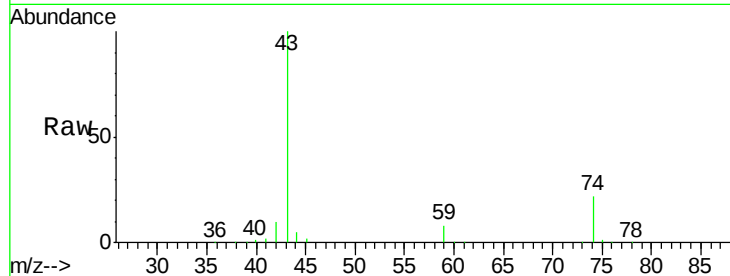




#15
Methyl Acetate
Concen: 50.339 ug/L
RT: 2.45 min Scan# 422
Delta R.T. 0.00 min
Lab File: VV018893.D
Acq: 14 Oct 2020 13:58

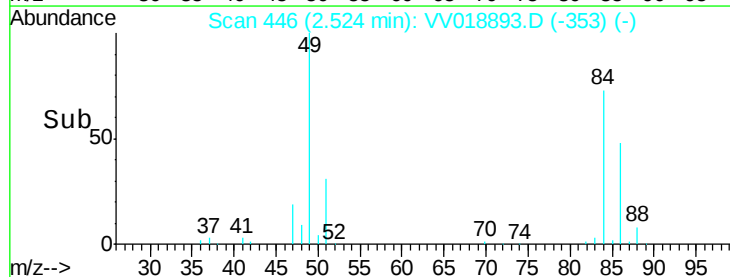
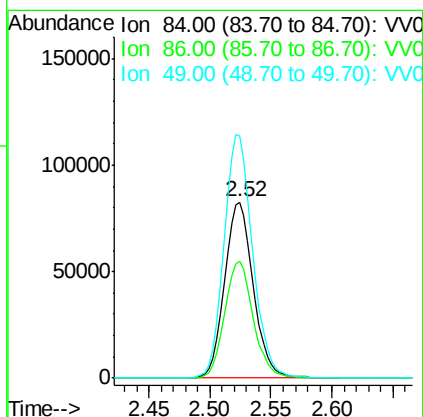
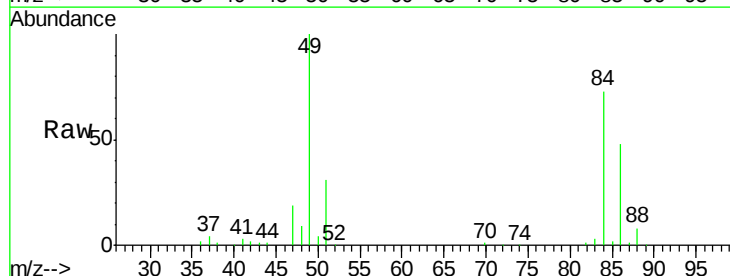
Instrument :
MSVOA_V
ClientSampleId :
VSTD05003

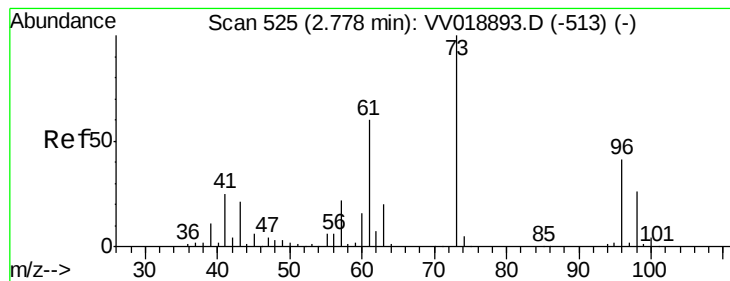
Tgt Ion: 43 Resp: 157081
Ion Ratio Lower Upper
43 100
74 21.3 17.0 25.6



#16
Methylene chloride
Concen: 47.696 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV018893.D
Acq: 14 Oct 2020 13:58

Tgt Ion: 84 Resp: 136287
Ion Ratio Lower Upper
84 100
86 66.6 46.6 86.6
49 137.3 96.1 178.5





#17

trans-1,2-Dichloroethene

Concen: 48.818 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD05003

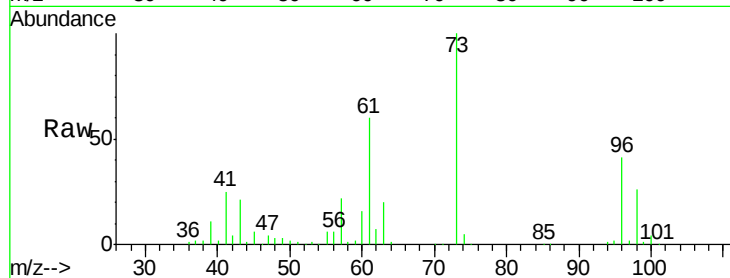
Tgt Ion: 96 Resp: 129076

Ion Ratio Lower Upper

96 100

61 146.8 102.8 190.8

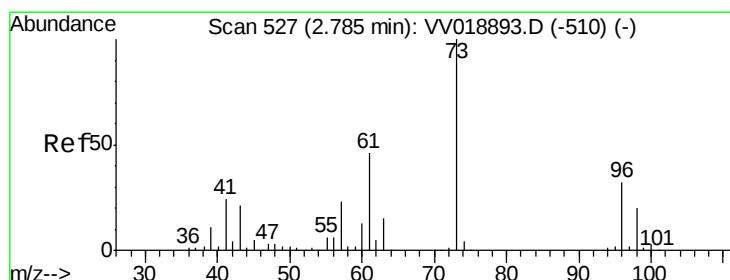
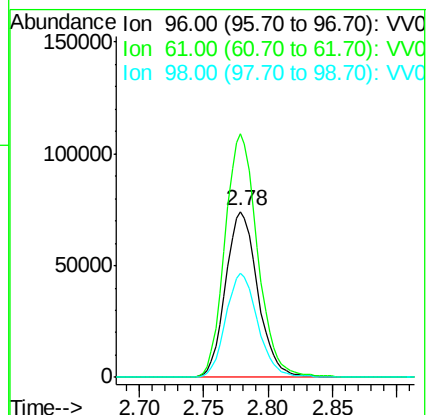
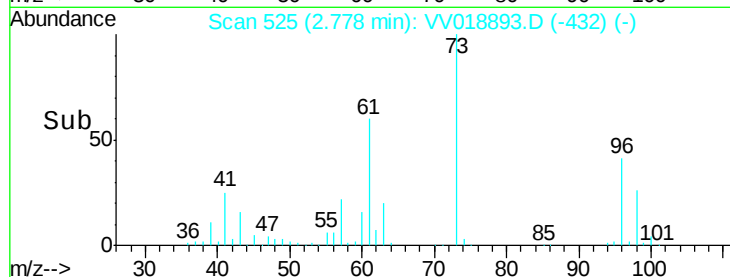
98 62.8 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 49.235 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

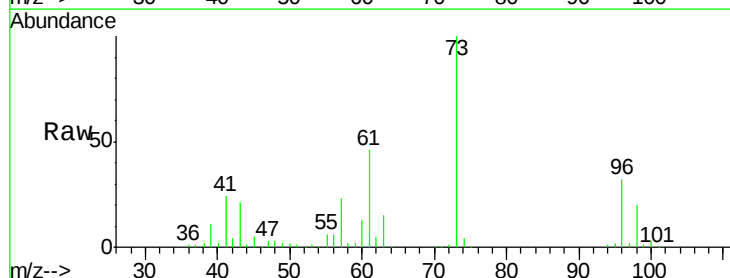
Tgt Ion: 73 Resp: 411301

Ion Ratio Lower Upper

73 100

43 21.1 16.9 25.3

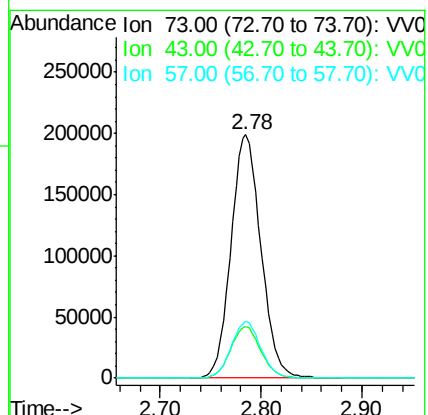
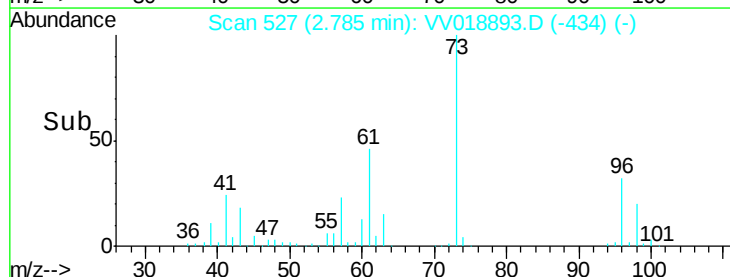
57 22.9 18.3 27.5

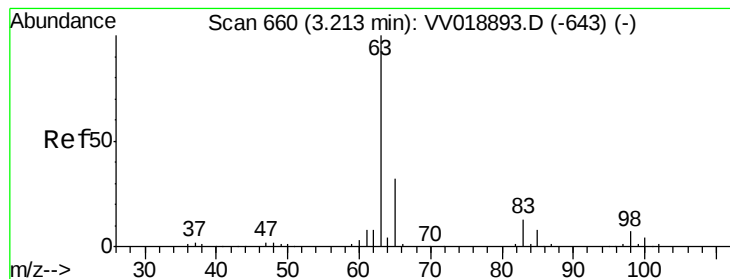


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0





#19

1,1-Dichloroethane

Concen: 48.532 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD05003

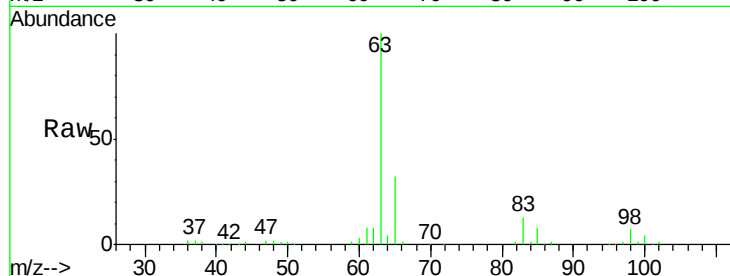
Tgt Ion: 63 Resp: 249641

Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.9

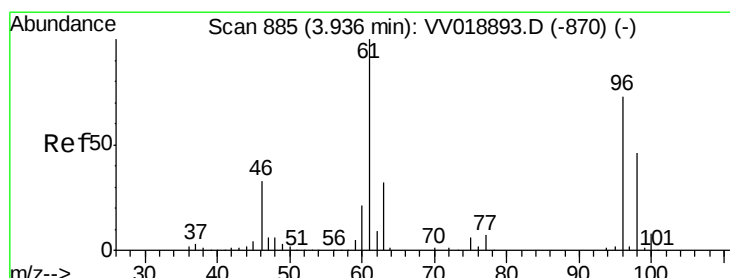
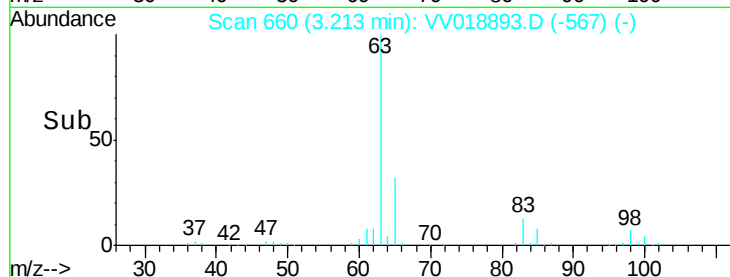
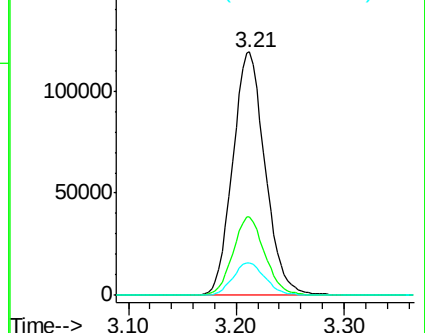
83 13.3 9.3 17.3



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 49.160 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

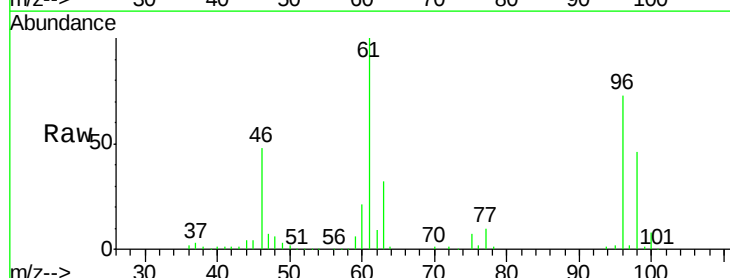
Tgt Ion: 96 Resp: 137762

Ion Ratio Lower Upper

96 100

61 137.3 96.1 178.5

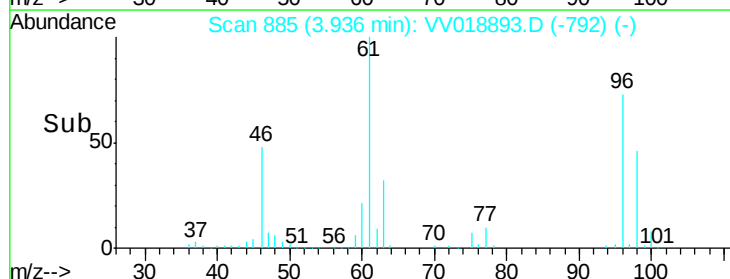
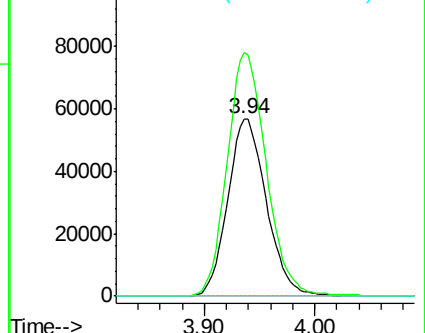
68 0.0 0.0 0.0

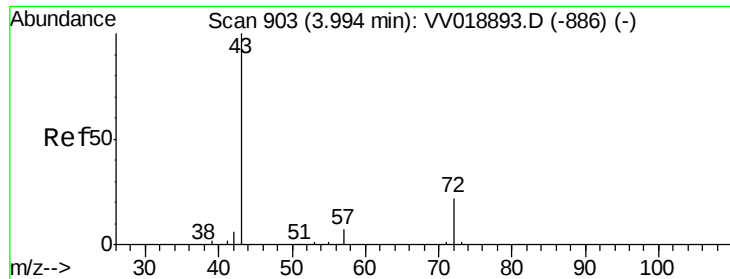


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 105.041 ug/L

RT: 3.99 min Scan# 903

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

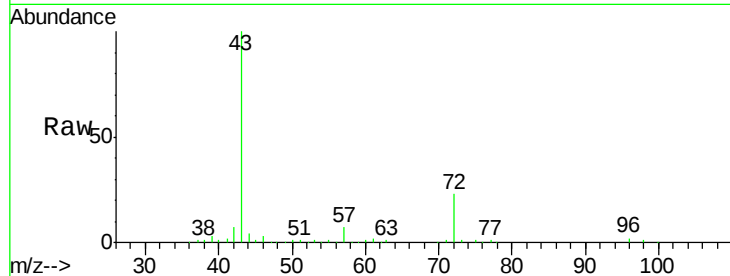
VSTD05003

Tgt Ion: 43 Resp: 216949

Ion Ratio Lower Upper

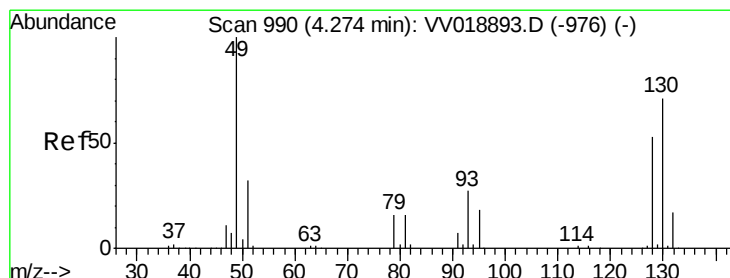
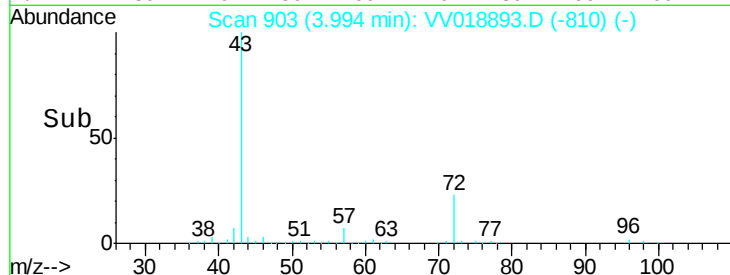
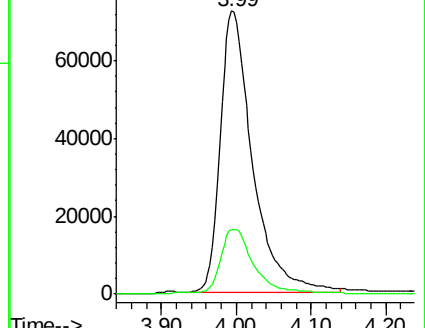
43 100

72 21.9 10.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VV018893.D (-886) (-)

Ion 72.00 (71.70 to 72.70): VV018893.D (-886) (-)



#23

Bromochloromethane

Concen: 48.453 ug/L

RT: 4.27 min Scan# 990

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Tgt Ion: 128 Resp: 70125

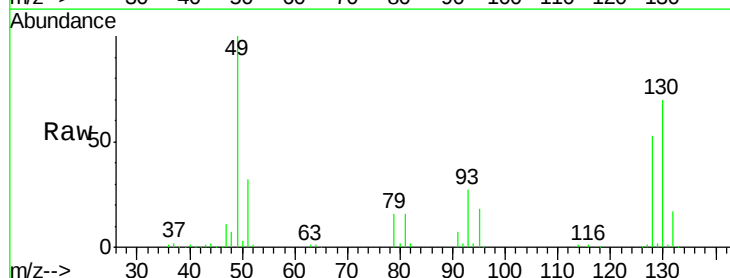
Ion Ratio Lower Upper

128 100

49 188.2 131.7 244.7

130 132.6 92.8 172.4

51 59.7 47.8 71.6

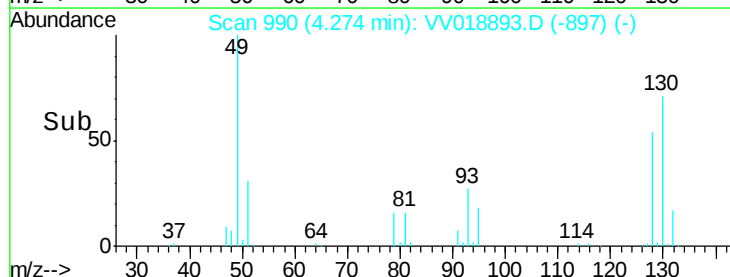
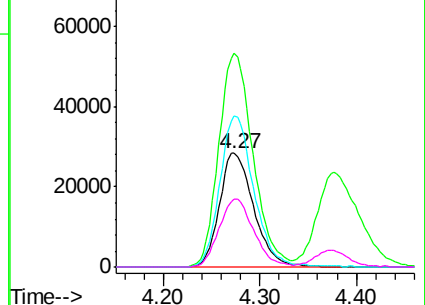


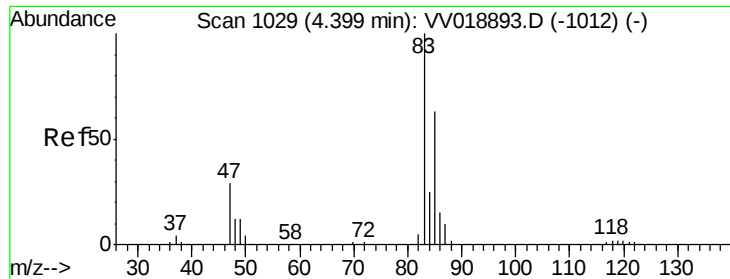
Abundance Ion 128.00 (127.70 to 128.70): VV018893.D (-976) (-)

Ion 49.00 (48.70 to 49.70): VV018893.D (-976) (-)

Ion 130.00 (129.70 to 130.70): VV018893.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VV018893.D (-976) (-)

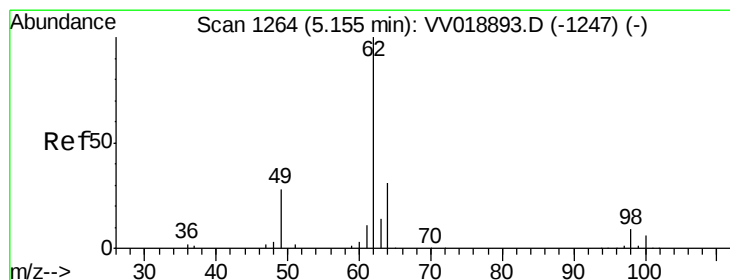
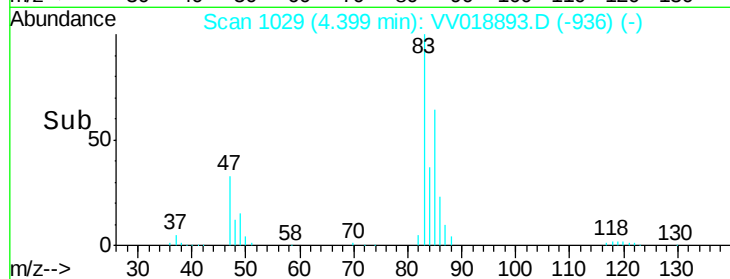
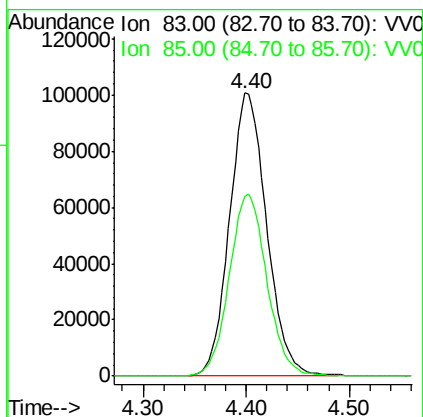
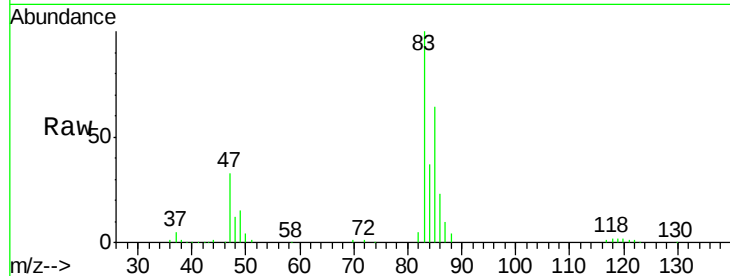




#25
Chloroform
Concen: 48.789 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV018893.D
Acq: 14 Oct 2020 13:58

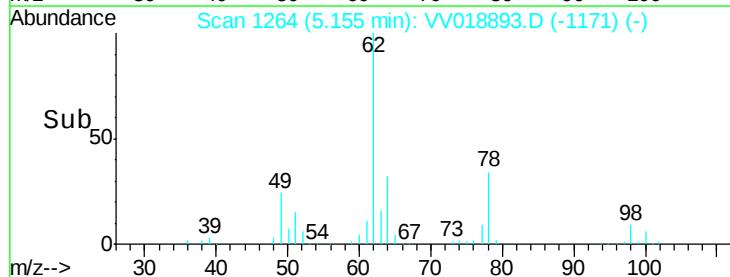
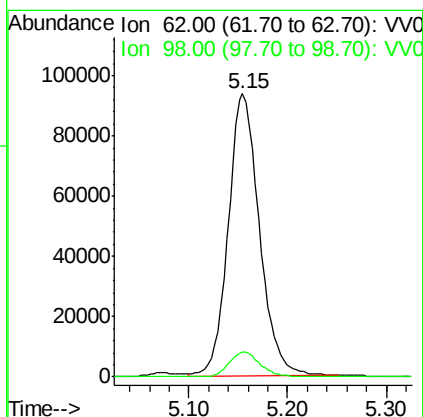
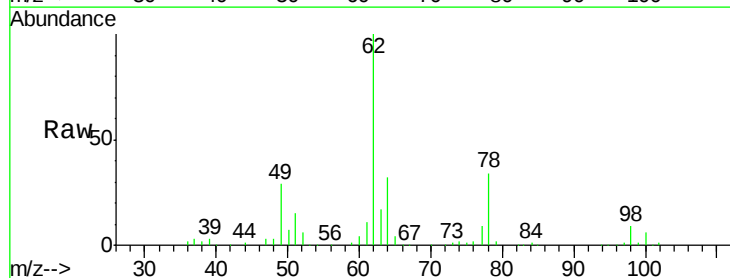
Instrument :
MSVOA_V
ClientSampleId :
VSTD05003

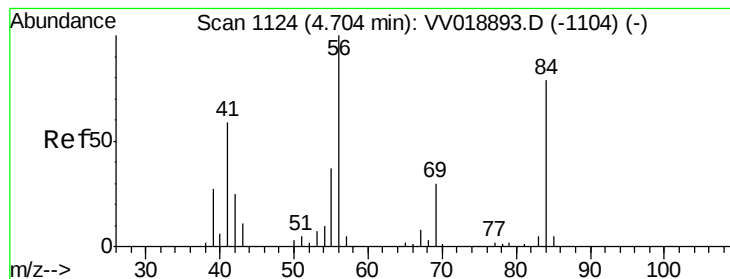
Tgt Ion: 83 Resp: 252365
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 49.009 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV018893.D
Acq: 14 Oct 2020 13:58

Tgt Ion: 62 Resp: 207085
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 49.318 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD05003

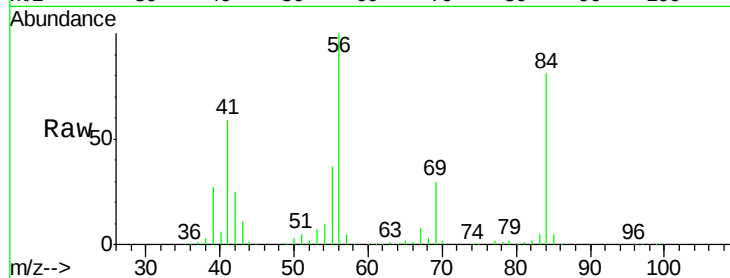
Tgt Ion: 56 Resp: 208912

Ion Ratio Lower Upper

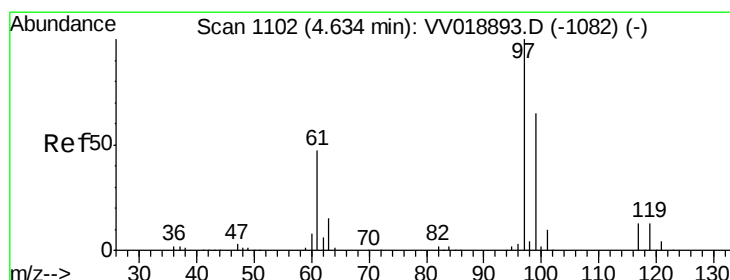
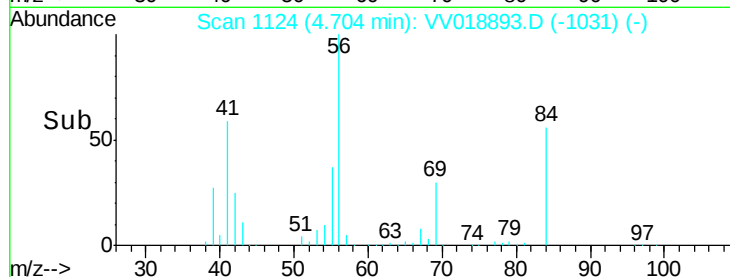
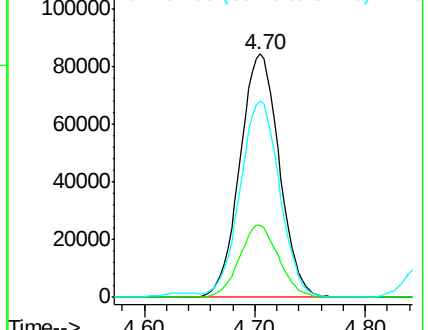
56 100

69 29.4 23.5 35.3

84 80.9 64.7 97.1



Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0



#30

1,1,1-Trichloroethane

Concen: 48.621 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

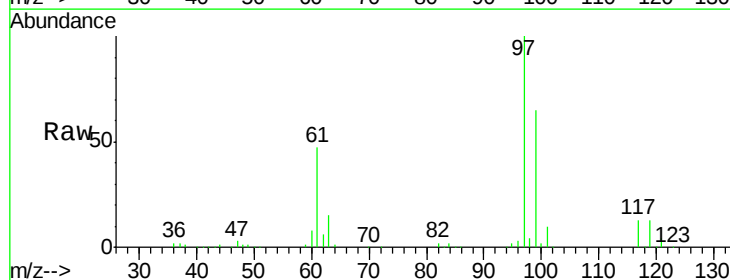
Tgt Ion: 97 Resp: 215047

Ion Ratio Lower Upper

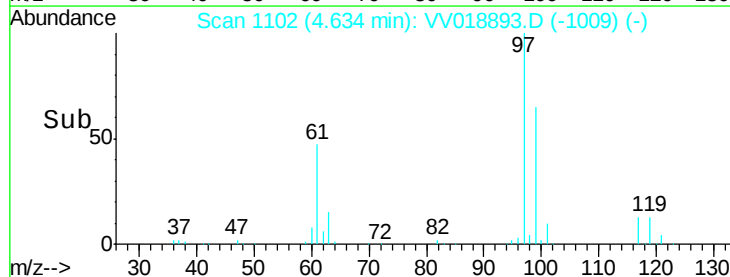
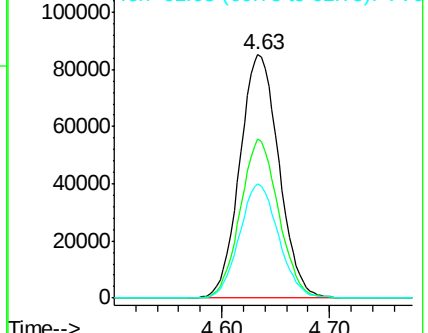
97 100

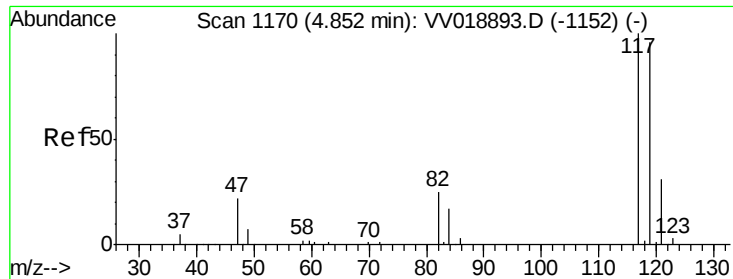
99 64.0 51.2 76.8

61 46.9 37.5 56.3



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 48.376 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

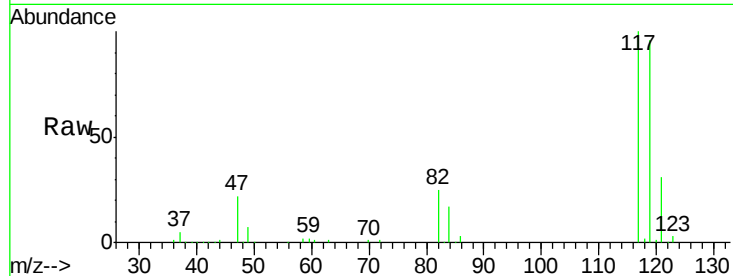
VSTD05003

Tgt Ion:117 Resp: 182107

Ion Ratio Lower Upper

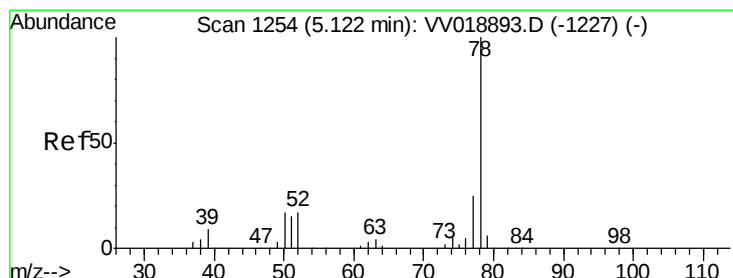
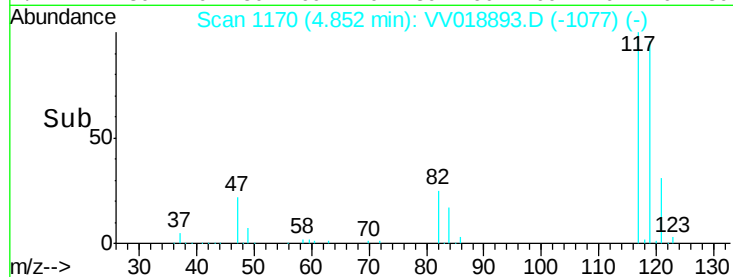
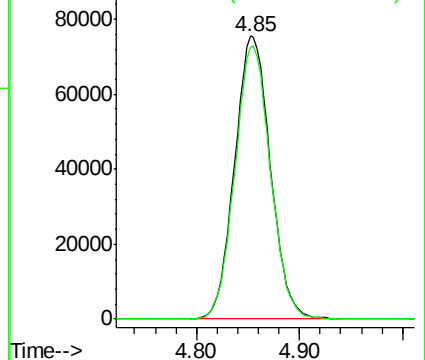
117 100

119 96.1 76.9 115.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 49.744 ug/L

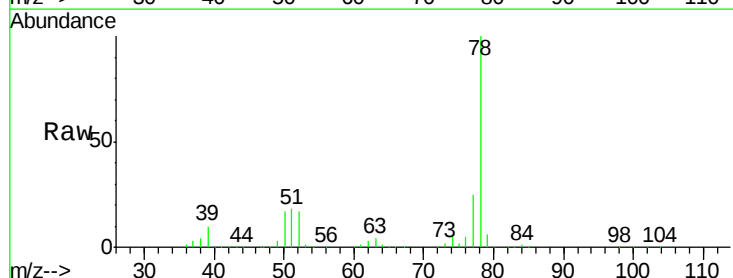
RT: 5.12 min Scan# 1254

Delta R.T. 0.00 min

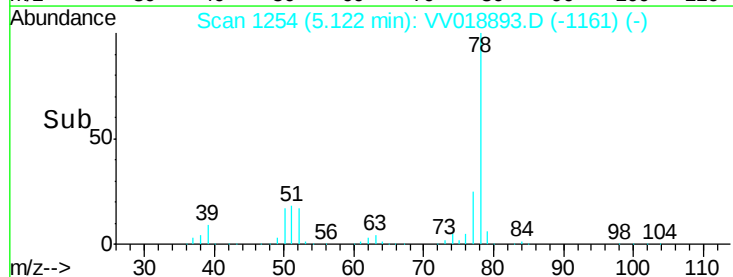
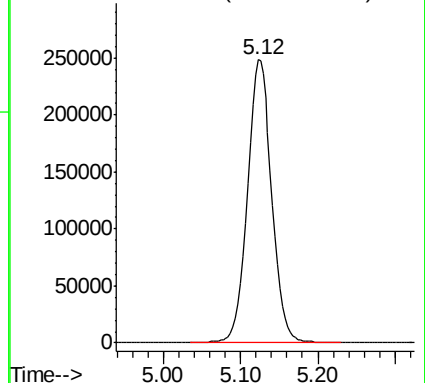
Lab File: VV018893.D

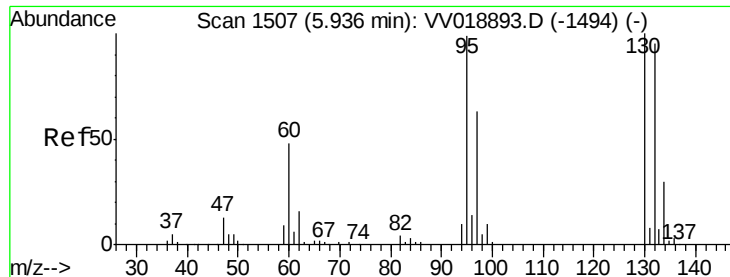
Acq: 14 Oct 2020 13:58

Tgt Ion: 78 Resp: 543530



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 47.445 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD05003

Tgt Ion: 95 Resp: 149495

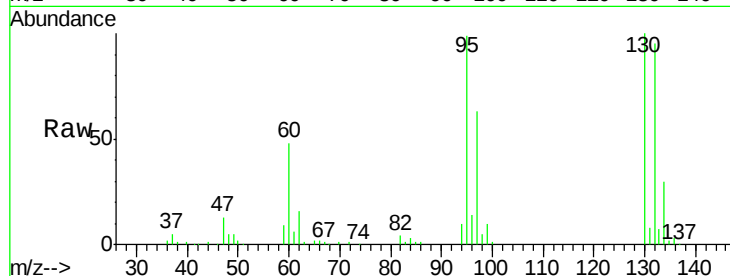
Ion Ratio Lower Upper

95 100

97 63.8 44.7 82.9

132 95.7 67.0 124.4

130 101.2 70.8 131.6

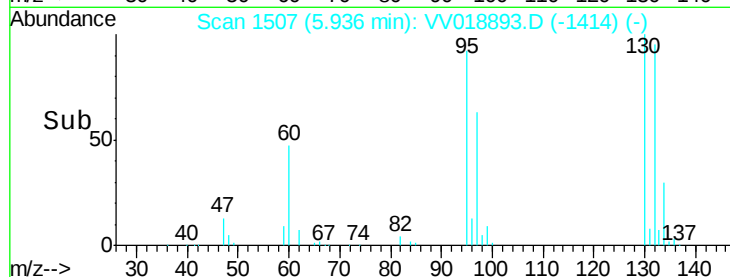


Abundance Ion 95.00 (94.70 to 95.70): VV0

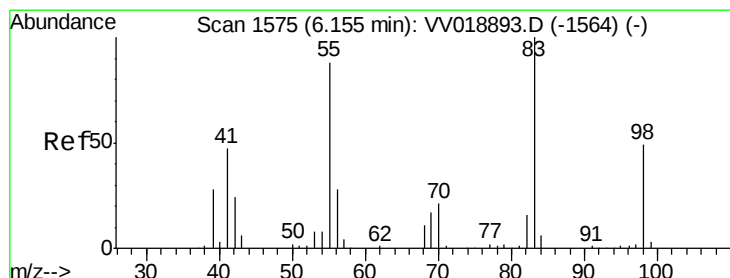
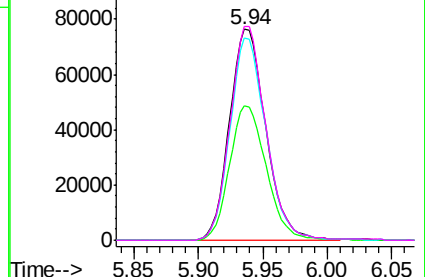
Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



Time-->



#35

Methylcyclohexane

Concen: 47.388 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

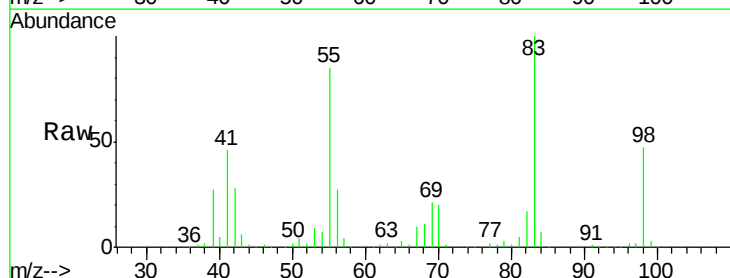
Tgt Ion: 83 Resp: 180839

Ion Ratio Lower Upper

83 100

55 84.1 67.3 100.9

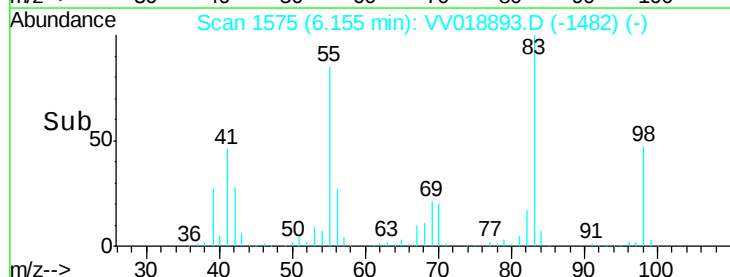
98 47.4 37.9 56.9



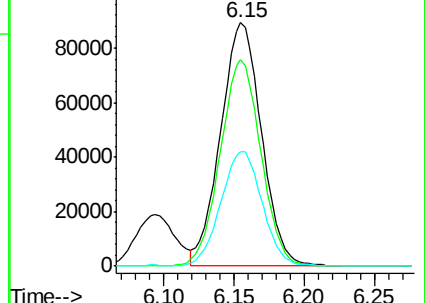
Abundance Ion 83.00 (82.70 to 83.70): VV0

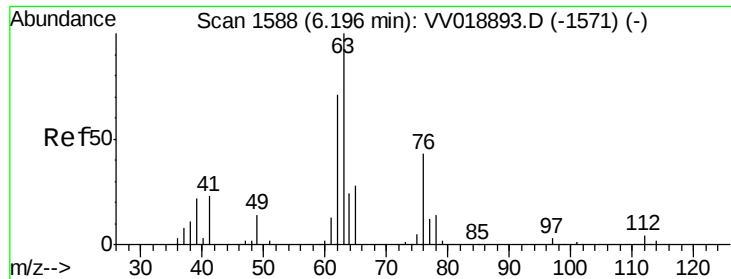
Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



Time-->

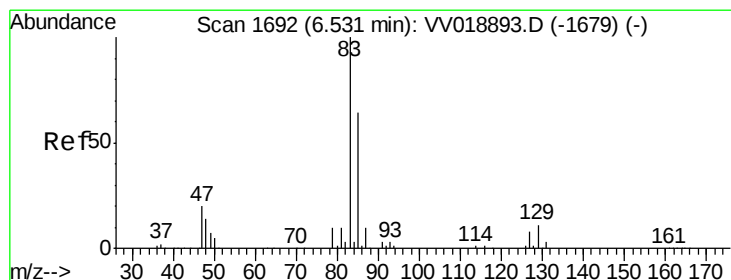
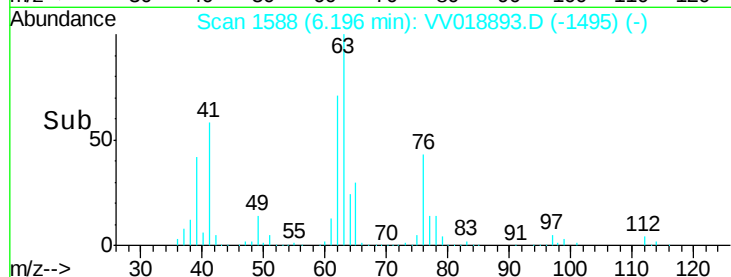
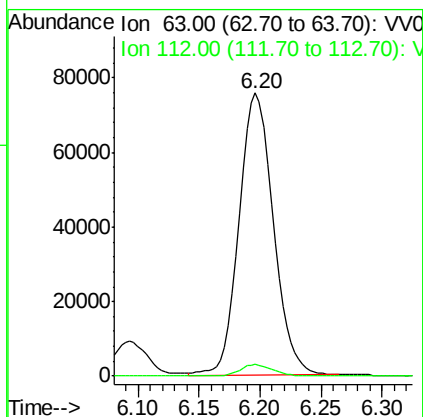
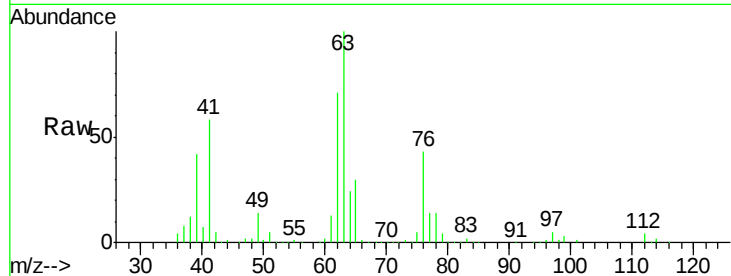




#37
 1,2-Dichloropropane
 Concen: 50.317 ug/L
 RT: 6.20 min Scan# 1588
 Delta R.T. 0.00 min
 Lab File: VV018893.D
 Acq: 14 Oct 2020 13:58

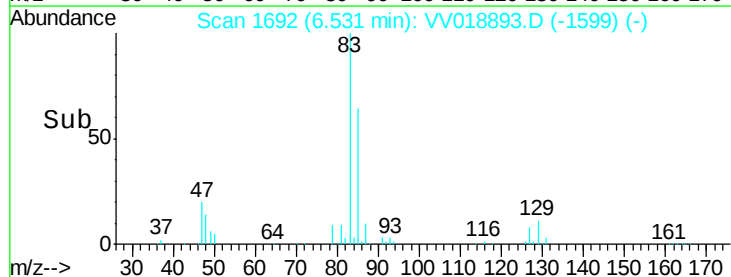
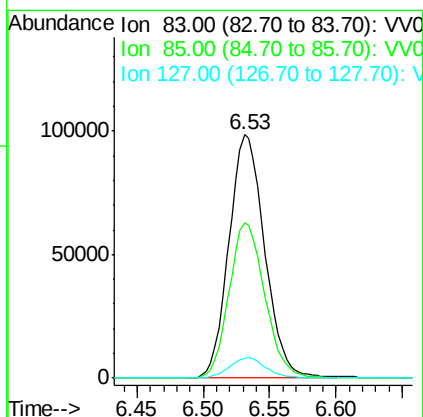
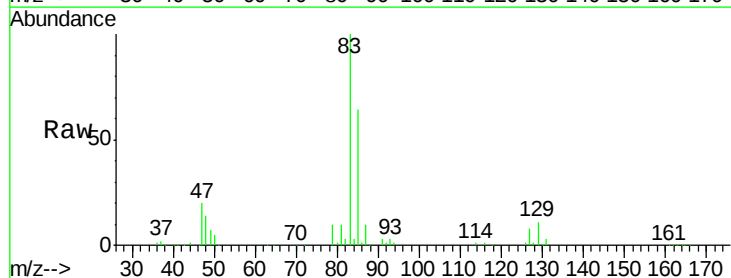
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05003

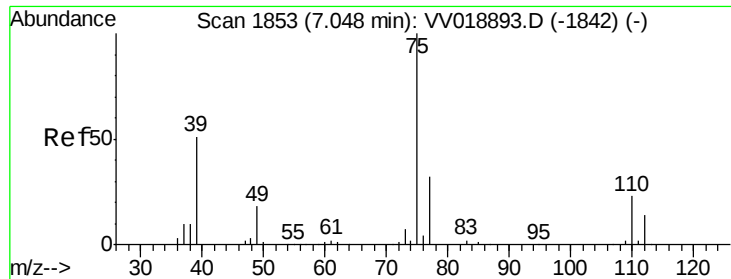
Tgt Ion: 63 Resp: 147178
 Ion Ratio Lower Upper
 63 100
 112 4.1 3.3 4.9



#38
 Bromodichloromethane
 Concen: 49.281 ug/L
 RT: 6.53 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VV018893.D
 Acq: 14 Oct 2020 13:58

Tgt Ion: 83 Resp: 184813
 Ion Ratio Lower Upper
 83 100
 85 63.9 44.7 83.1
 127 8.2 6.6 9.8

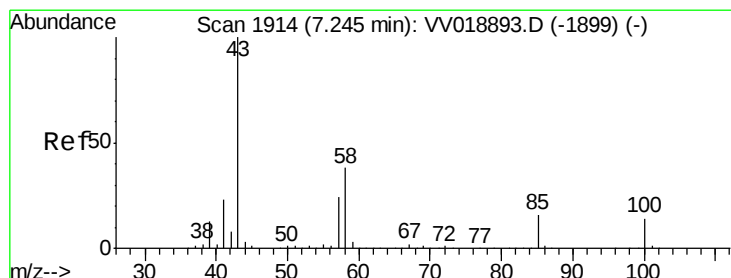
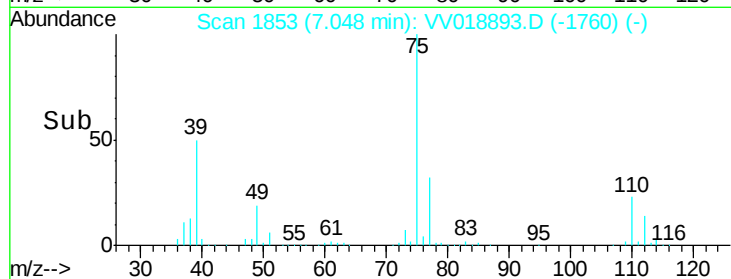
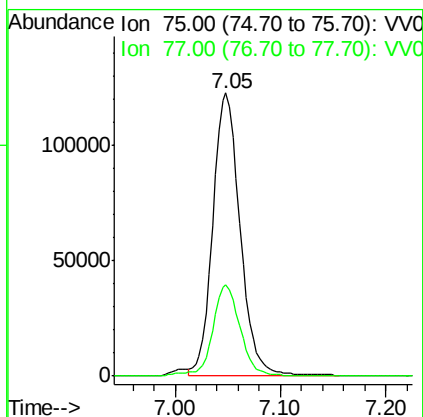
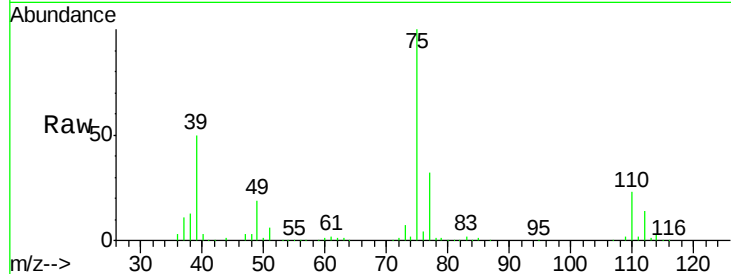




#39
 cis-1,3-Dichloropropene
 Concen: 49.464 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VV018893.D
 Acq: 14 Oct 2020 13:58

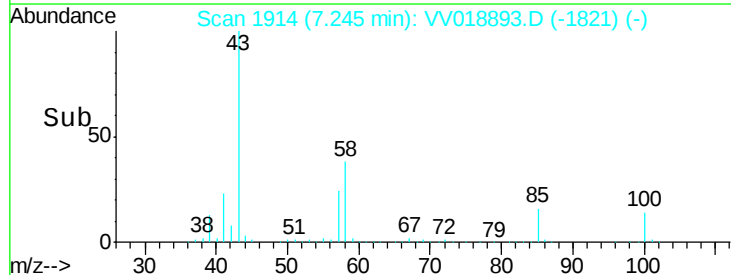
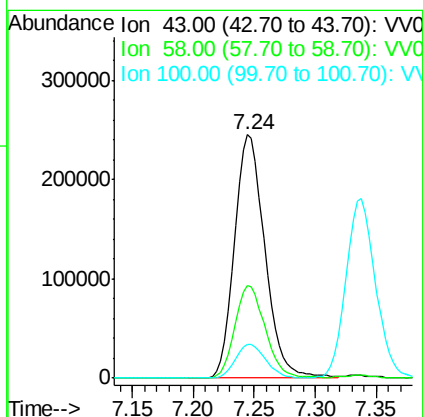
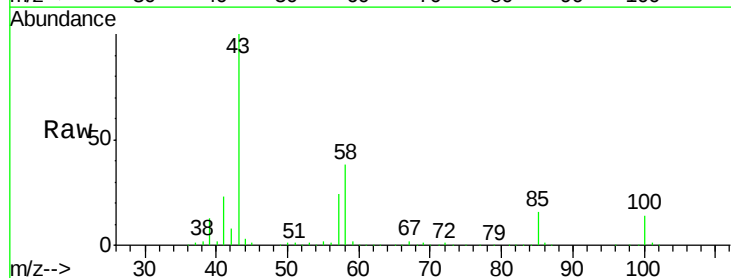
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05003

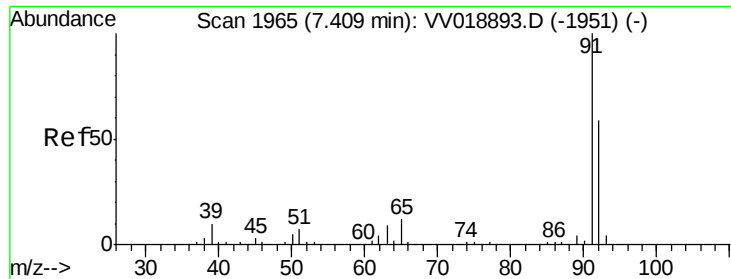
Tgt Ion: 75 Resp: 217404
 Ion Ratio Lower Upper
 75 100
 77 32.2 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 104.928 ug/L
 RT: 7.24 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VV018893.D
 Acq: 14 Oct 2020 13:58

Tgt Ion: 43 Resp: 423255
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.5 45.7
 100 13.9 11.1 16.7





#42

Toluene

Concen: 51.108 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

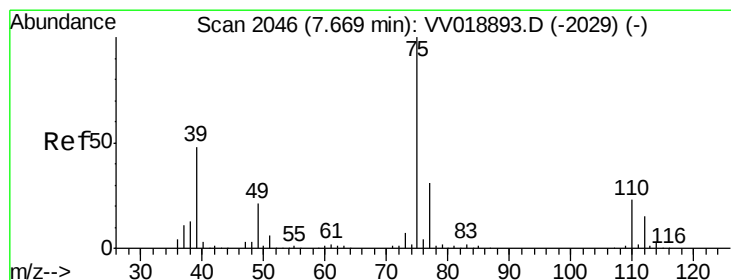
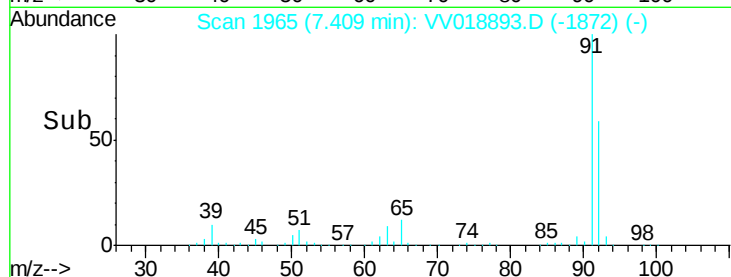
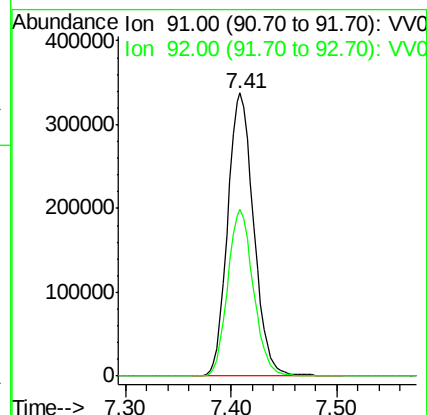
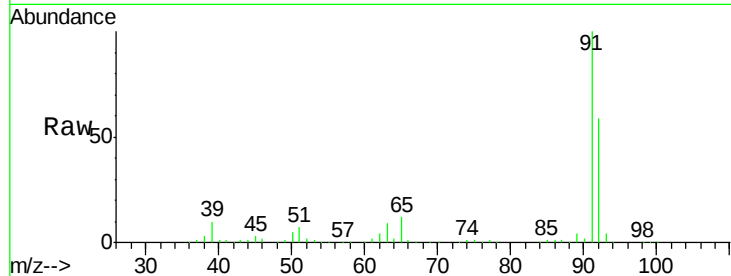
VSTD05003

Tgt Ion: 91 Resp: 576769

Ion Ratio Lower Upper

91 100

92 58.8 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 51.931 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VV018893.D

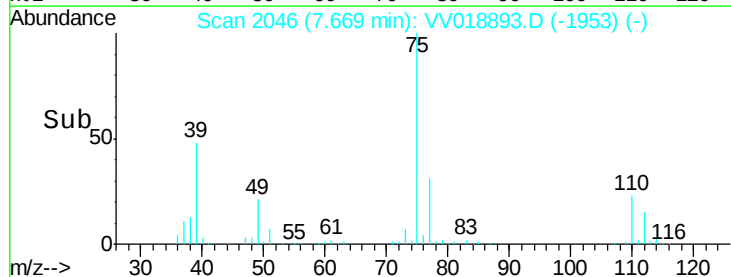
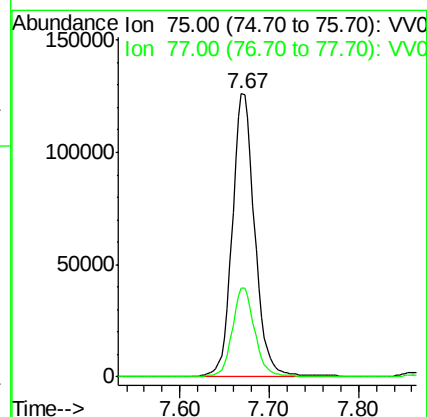
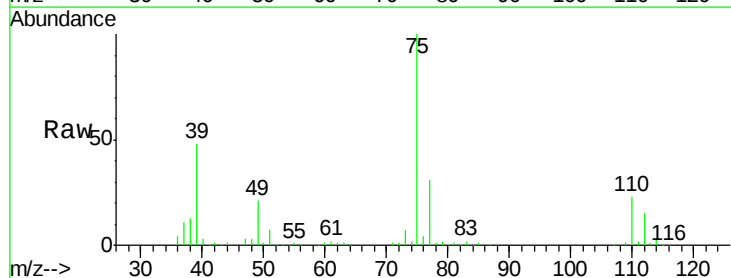
Acq: 14 Oct 2020 13:58

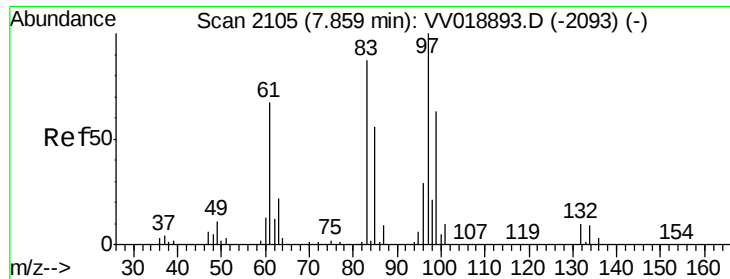
Tgt Ion: 75 Resp: 221183

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7

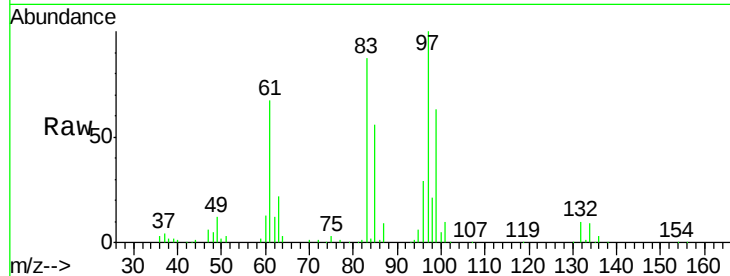




#45
 1,1,2-Trichloroethane
 Concen: 48.653 ug/L
 RT: 7.86 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: VV018893.D
 Acq: 14 Oct 2020 13:58

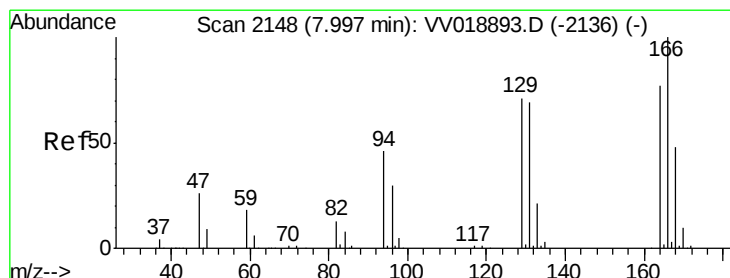
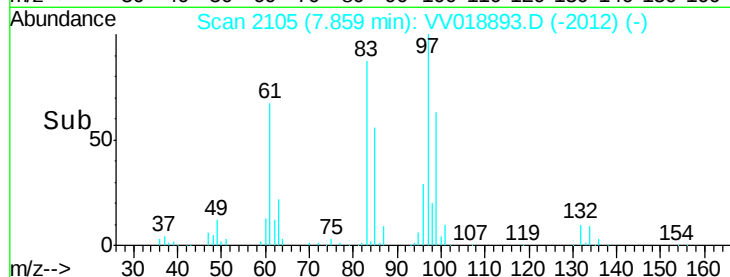
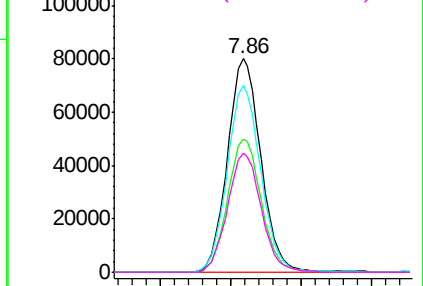
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05003

Tgt Ion:	97	Resp:	132376
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.4
83	87.2	61.0	113.4
85	55.5	38.9	72.2



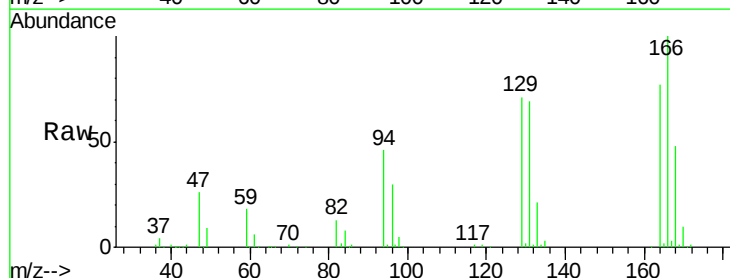
Abundance

Ion 97.00 (96.70 to 97.70): VV018893.D (-2093) (-)



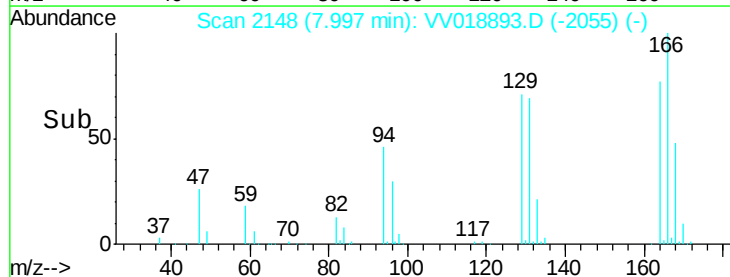
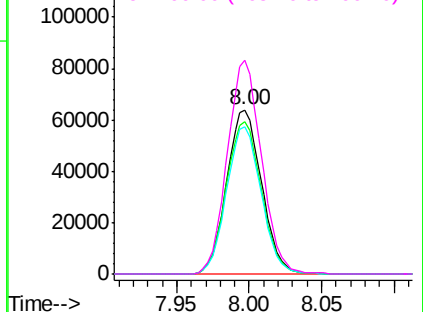
#46
 Tetrachloroethene
 Concen: 48.173 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018893.D
 Acq: 14 Oct 2020 13:58

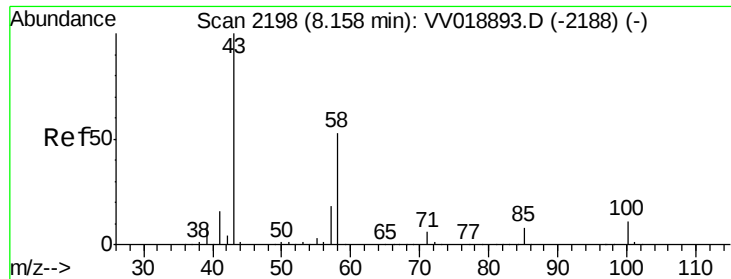
Tgt Ion:	164	Resp:	106974
Ion	Ratio	Lower	Upper
164	100		
129	92.9	65.0	120.8
131	89.8	62.9	116.7
166	130.2	91.1	169.3



Abundance

Ion 164.00 (163.70 to 164.70): VV018893.D (-2136) (-)

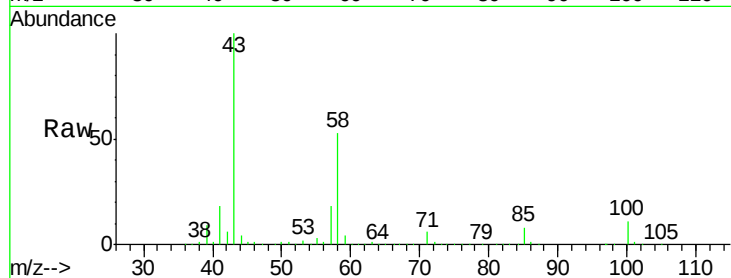




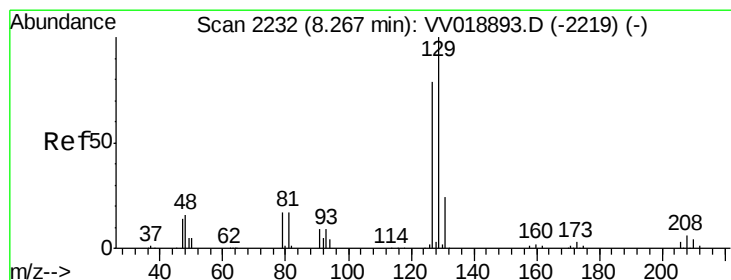
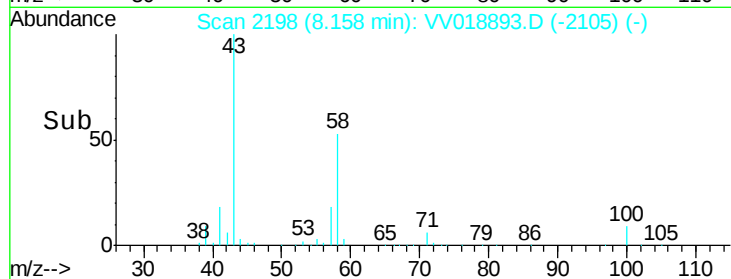
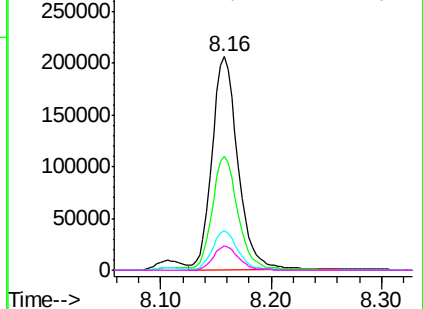
#48
2-Hexanone
Concen: 104.542 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV018893.D
Acq: 14 Oct 2020 13:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD05003

Tgt Ion: 43 Resp: 334357
Ion Ratio Lower Upper
43 100
58 53.1 42.5 63.7
57 18.1 14.5 21.7
100 11.2 9.0 13.4

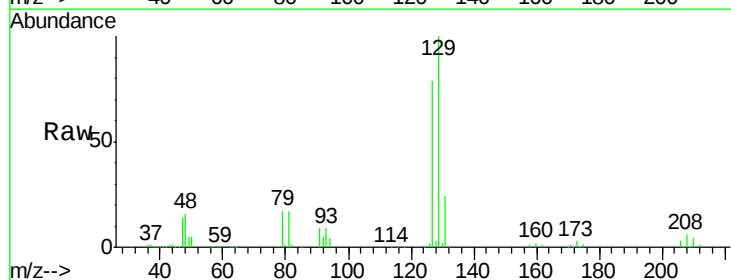


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

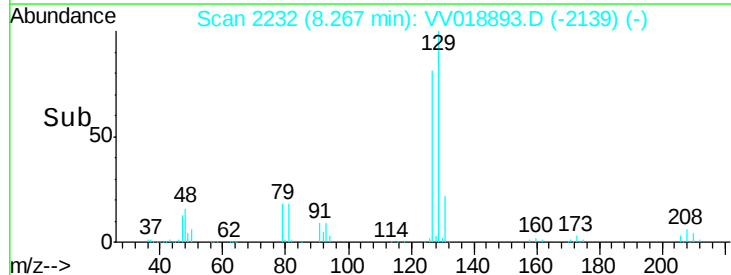
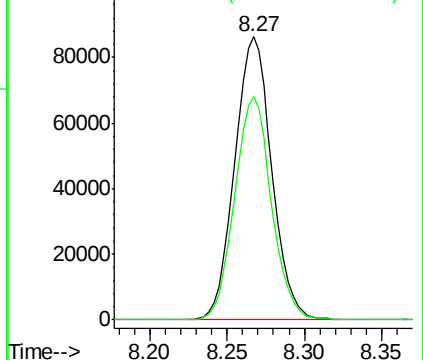


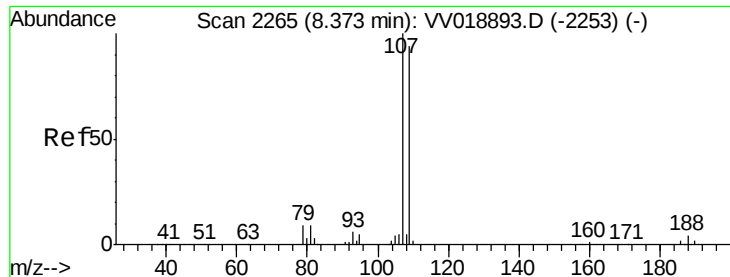
#49
Dibromochloromethane
Concen: 49.849 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV018893.D
Acq: 14 Oct 2020 13:58

Tgt Ion: 129 Resp: 143589
Ion Ratio Lower Upper
129 100
127 78.9 55.2 102.6



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

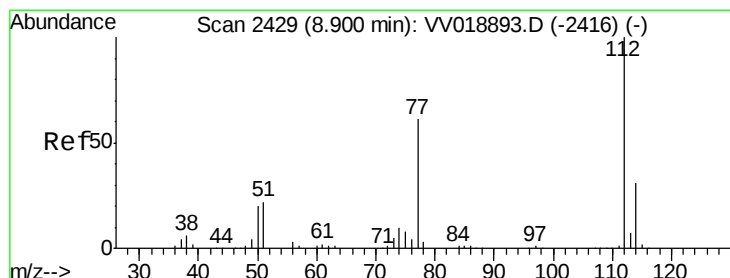
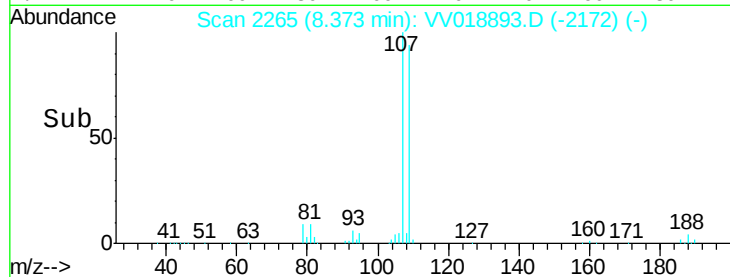
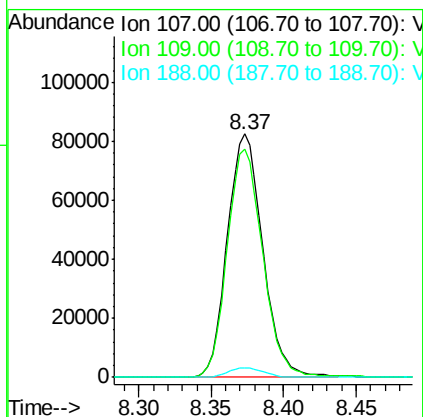
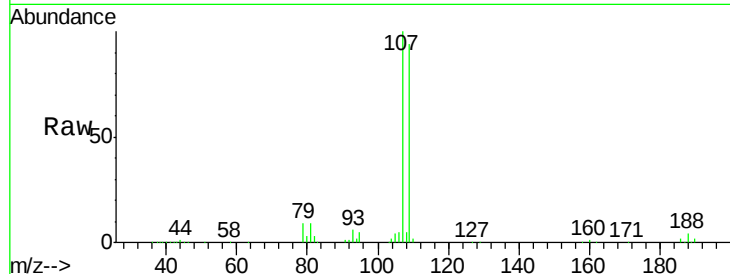




#50
1,2-Dibromoethane
Concen: 49.411 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. 0.00 min
Lab File: VV018893.D
Acq: 14 Oct 2020 13:58

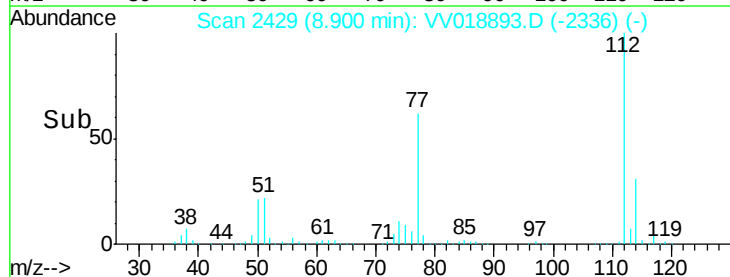
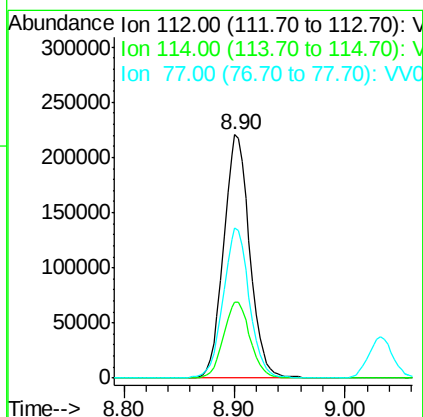
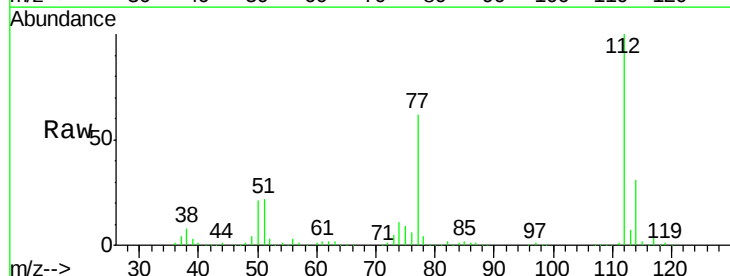
Instrument :
MSVOA_V
ClientSampled :
VSTD05003

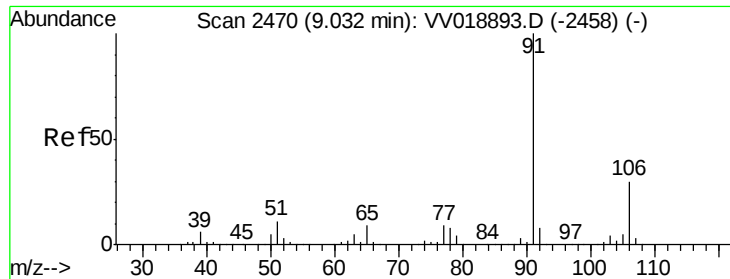
Tgt Ion:107 Resp: 140105
Ion Ratio Lower Upper
107 100
109 94.0 65.8 122.2
188 4.0 3.2 4.8



#51
Chlorobenzene
Concen: 49.274 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. 0.00 min
Lab File: VV018893.D
Acq: 14 Oct 2020 13:58

Tgt Ion:112 Resp: 362531
Ion Ratio Lower Upper
112 100
114 31.2 21.8 40.6
77 61.5 49.2 73.8





#52

Ethylbenzene

Concen: 51.222 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

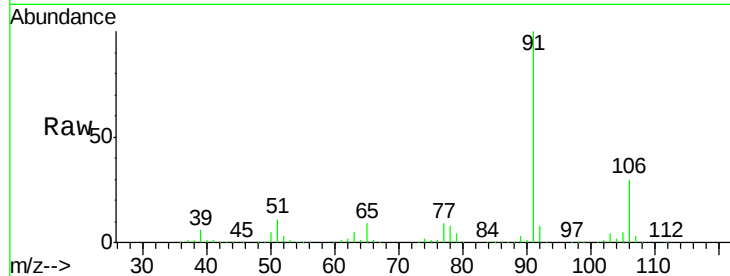
VSTD05003

Tgt Ion: 91 Resp: 625762

Ion Ratio Lower Upper

91 100

106 29.9 20.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VV018893.D (-2458) (-)

Ion 106.00 (105.70 to 106.70): VV018893.D (-2458) (-)

9.03

400000

300000

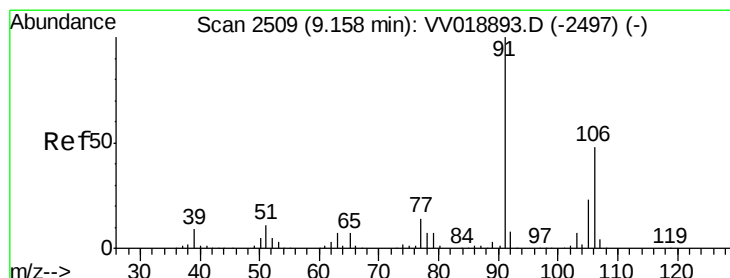
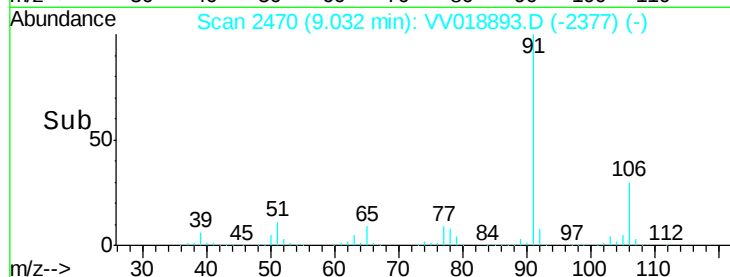
200000

100000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#53

m,p-Xylene

Concen: 50.733 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV018893.D

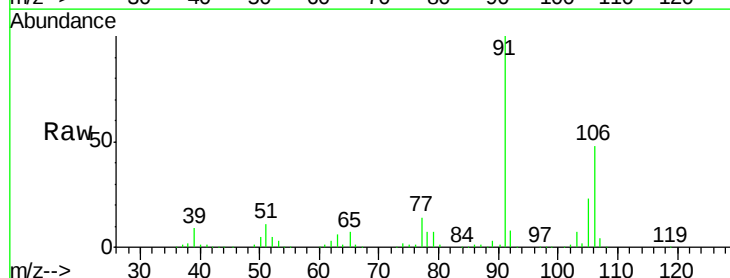
Acq: 14 Oct 2020 13:58

Tgt Ion: 106 Resp: 230902

Ion Ratio Lower Upper

106 100

91 208.4 145.9 270.9



Abundance Ion 106.00 (105.70 to 106.70): VV018893.D (-2497) (-)

Ion 91.00 (90.70 to 91.70): VV018893.D (-2497) (-)

9.16

300000

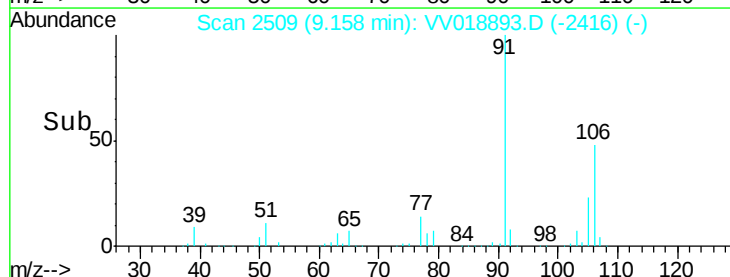
200000

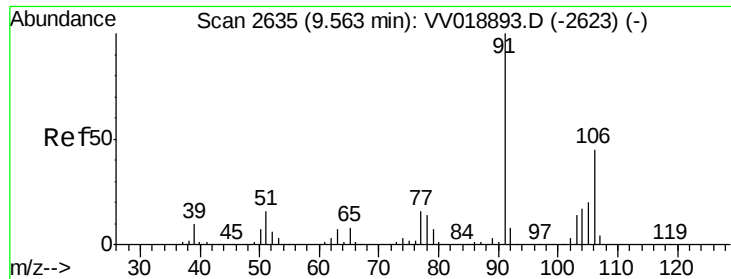
100000

0

9.10 9.15 9.20 9.25

Time-->

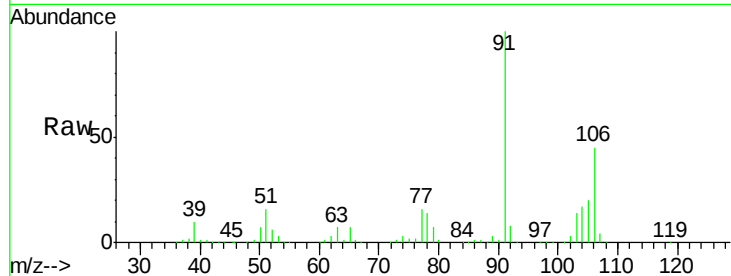




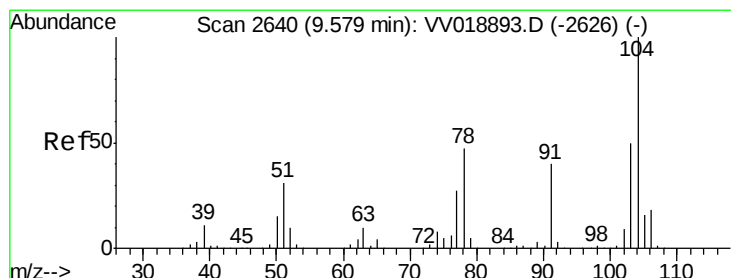
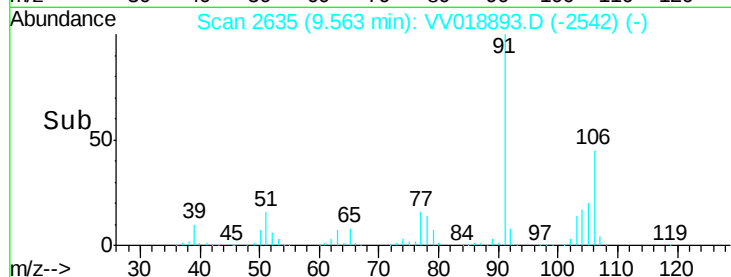
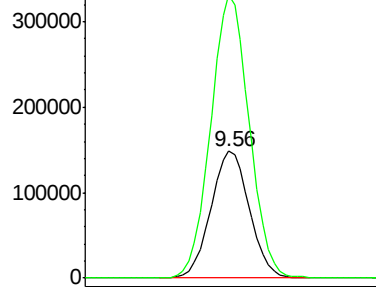
#54
o-xylene
Concen: 51.514 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. 0.00 min
Lab File: VV018893.D
Acq: 14 Oct 2020 13:58

Instrument :
MSVOA_V
ClientSampleId :
VSTD05003

Tgt Ion:106 Resp: 224310
Ion Ratio Lower Upper
106 100
91 222.6 155.8 289.4

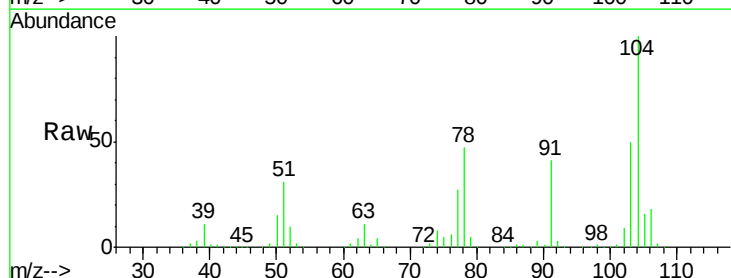


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

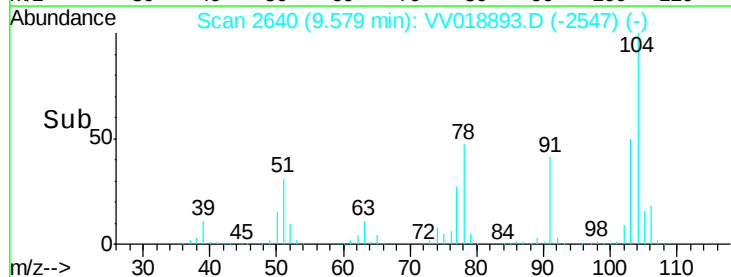
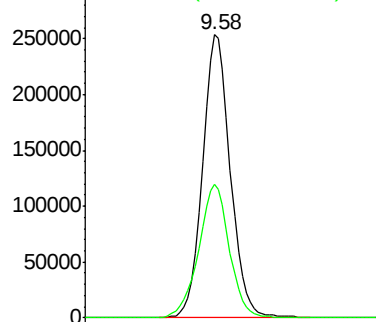


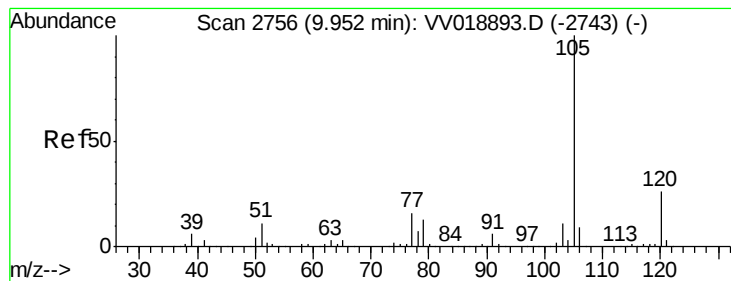
#55
Styrene
Concen: 52.372 ug/L
RT: 9.58 min Scan# 2640
Delta R.T. 0.00 min
Lab File: VV018893.D
Acq: 14 Oct 2020 13:58

Tgt Ion:104 Resp: 401110
Ion Ratio Lower Upper
104 100
78 47.4 33.2 61.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 51.494 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD05003

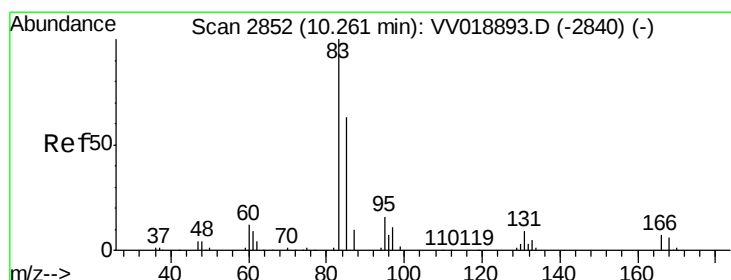
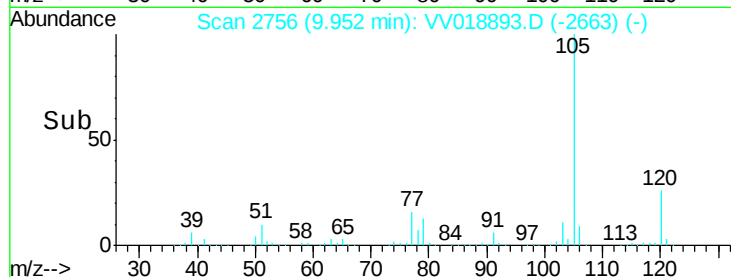
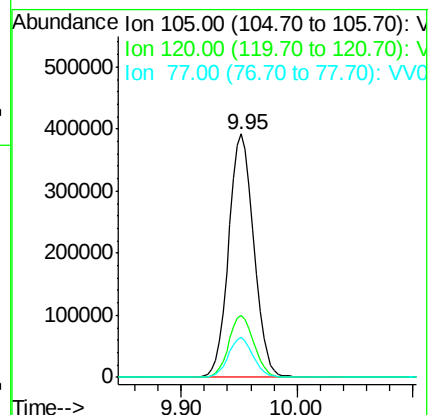
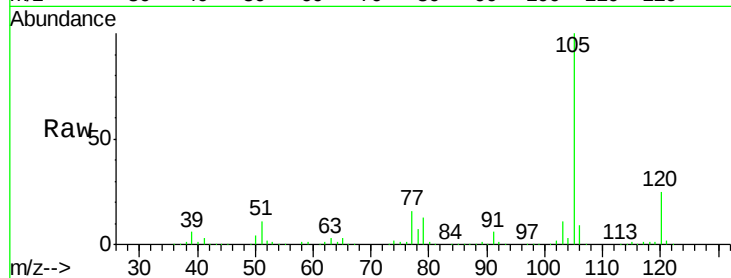
Tgt Ion: 105 Resp: 588638

Ion Ratio Lower Upper

105 100

120 25.5 20.4 30.6

77 16.2 13.0 19.4



#58

1,1,2,2-Tetrachloroethane

Concen: 50.654 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

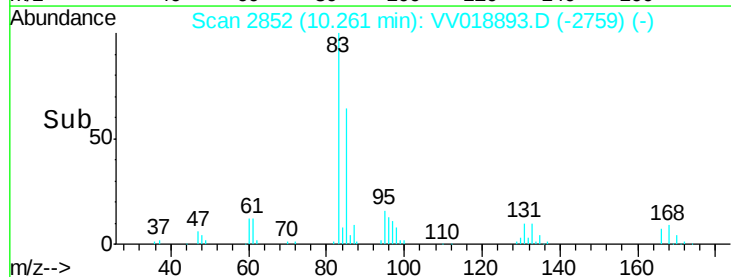
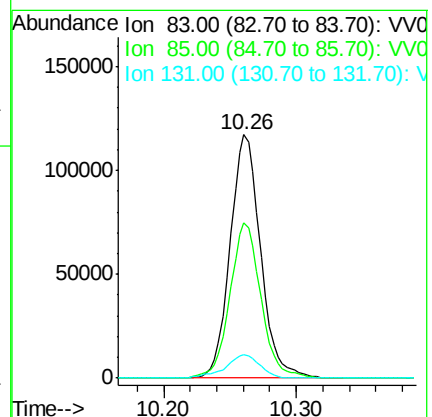
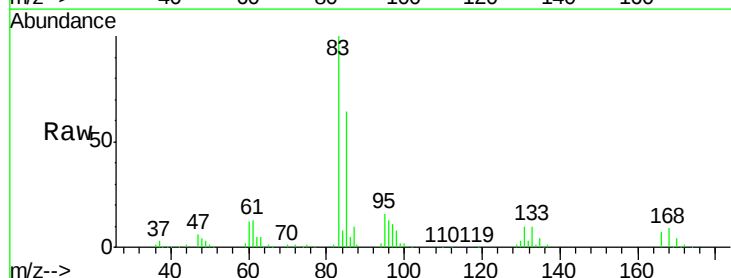
Tgt Ion: 83 Resp: 187137

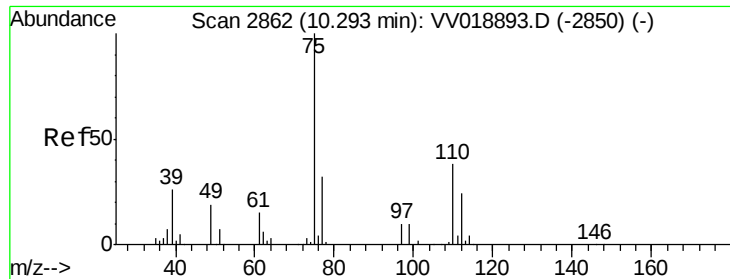
Ion Ratio Lower Upper

83 100

85 63.8 44.7 82.9

131 9.6 7.7 11.5





#59

1,2,3-Trichloropropane

Concen: 49.744 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

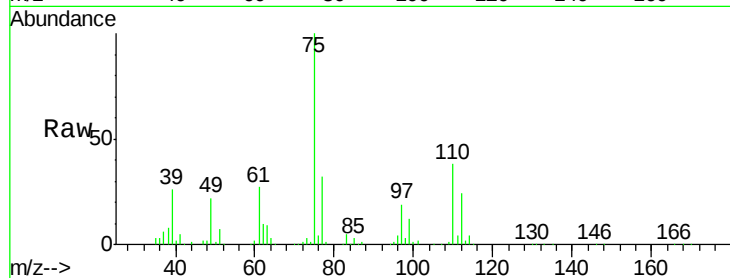
VSTD05003

Tgt Ion: 75 Resp: 176125

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV018893.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV018893.D (-2850) (-)

10.29

120000

100000

80000

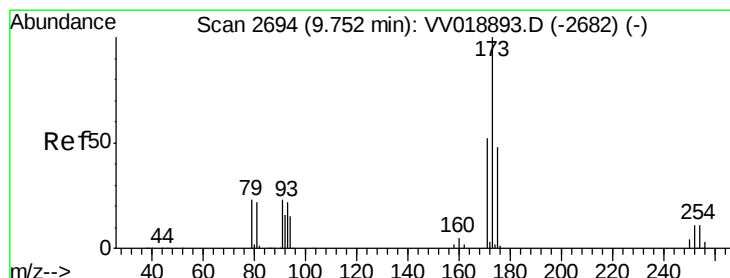
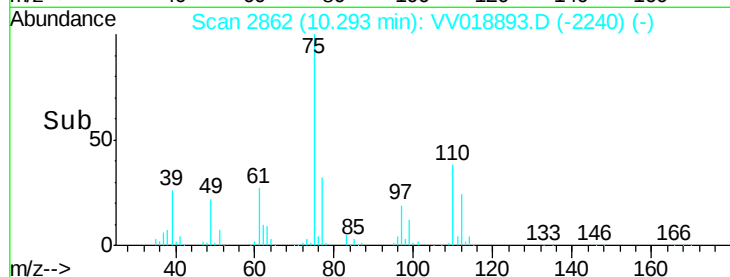
60000

40000

20000

0

Time--> 10.20 10.30 10.40



#61

Bromoform

Concen: 50.235 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

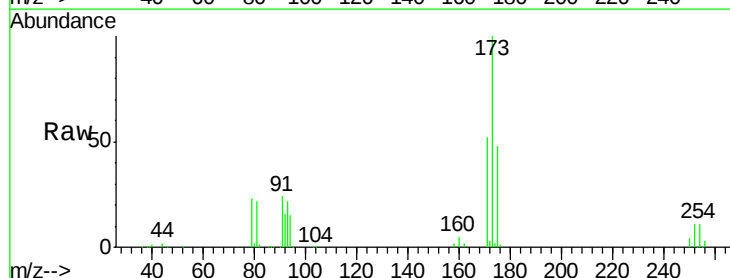
Tgt Ion: 173 Resp: 104158

Ion Ratio Lower Upper

173 100

175 47.7 38.2 57.2

254 10.8 8.6 13.0



Abundance Ion 173.00 (172.70 to 173.70): VV018893.D (-2682) (-)

Ion 175.00 (174.70 to 175.70): VV018893.D (-2682) (-)

Ion 254.00 (253.70 to 254.70): VV018893.D (-2682) (-)

9.75

80000

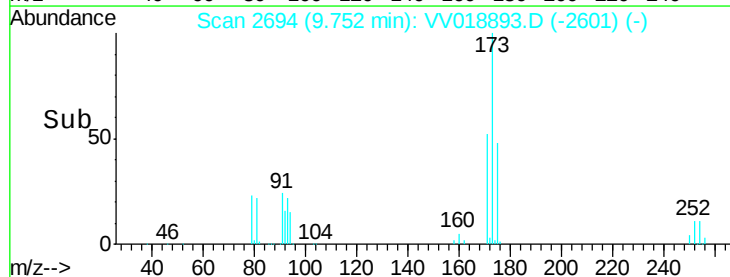
60000

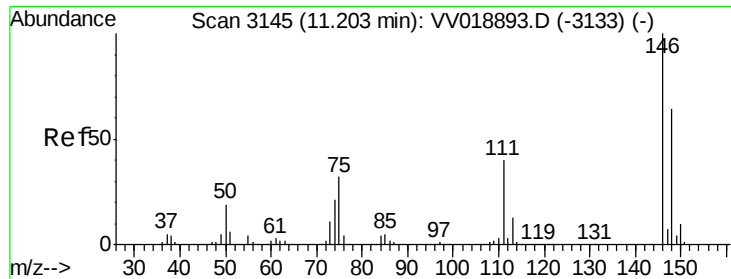
40000

20000

0

Time--> 9.70 9.75 9.80 9.85





#62

1,3-Dichlorobenzene

Concen: 48.893 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD05003

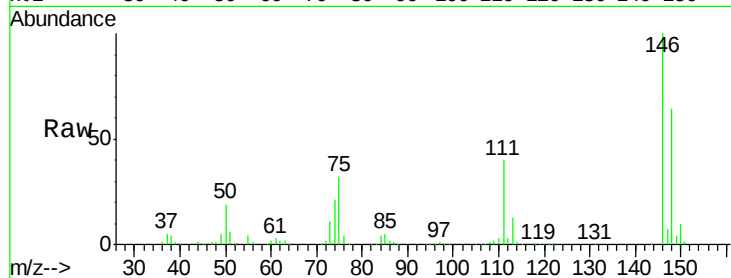
Tgt Ion:146 Resp: 287688

Ion Ratio Lower Upper

146 100

111 40.5 28.3 52.7

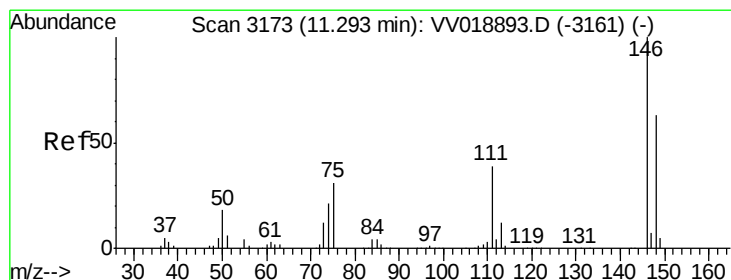
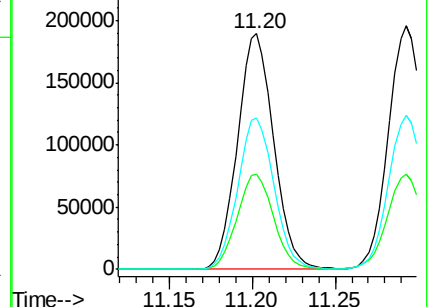
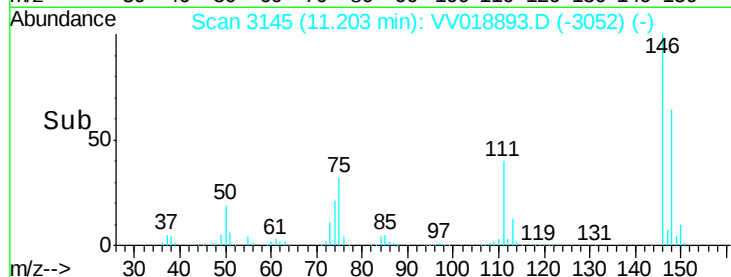
148 64.4 45.1 83.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 48.418 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

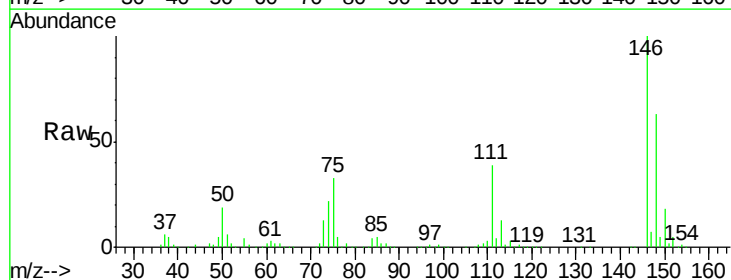
Tgt Ion:146 Resp: 299524

Ion Ratio Lower Upper

146 100

111 39.3 27.5 51.1

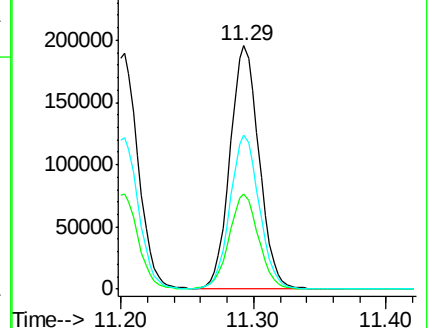
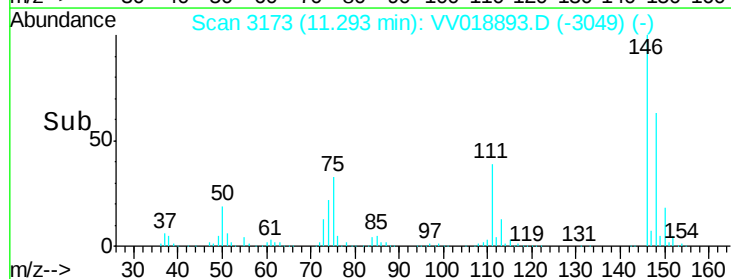
148 63.0 44.1 81.9

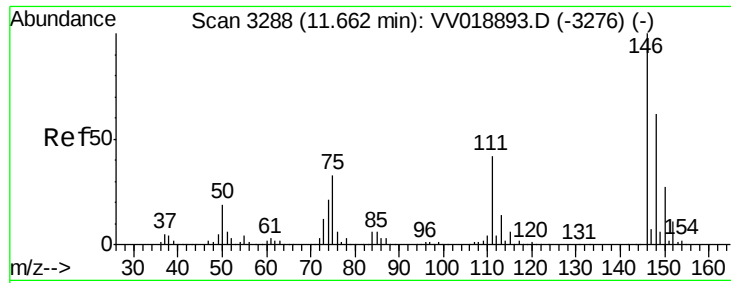


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

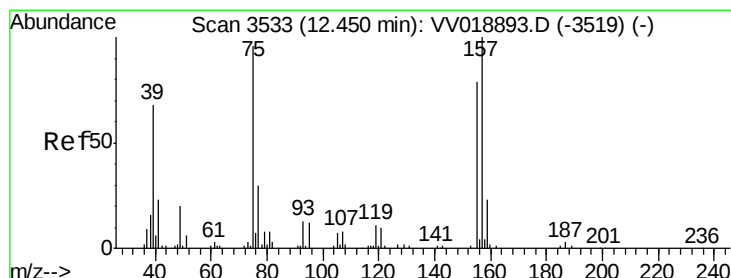
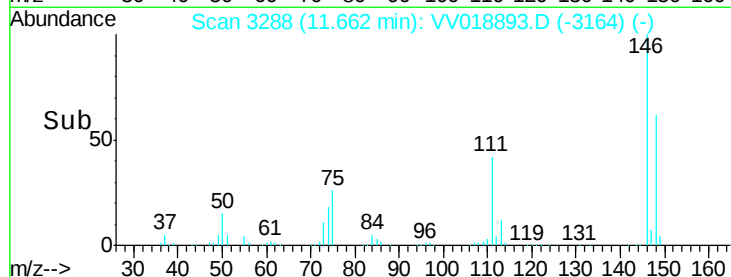
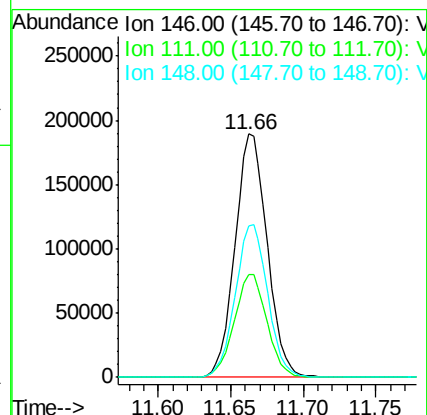
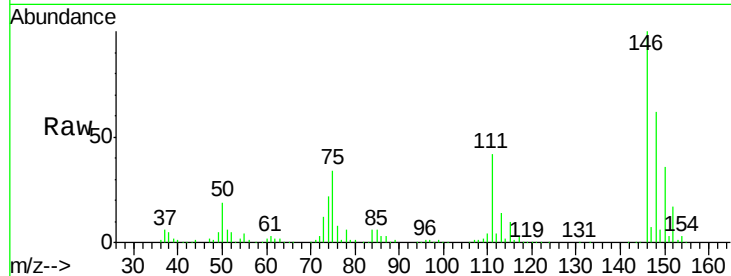




#65
 1,2-Dichlorobenzene
 Concen: 48.946 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: VV018893.D
 Acq: 14 Oct 2020 13:58

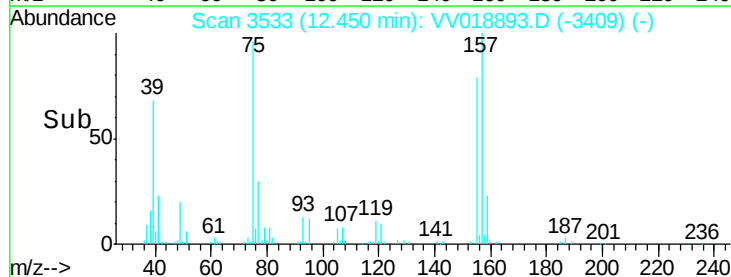
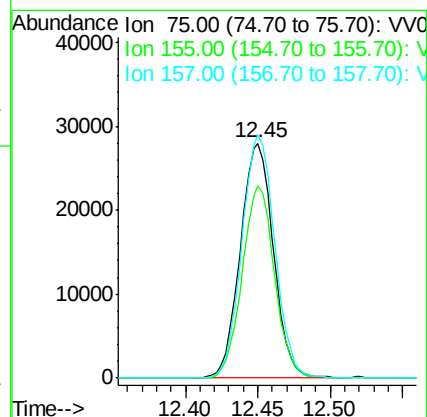
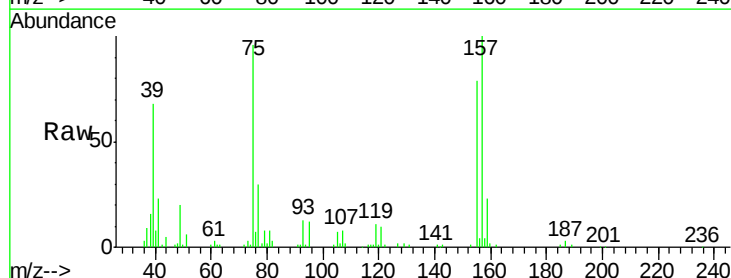
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05003

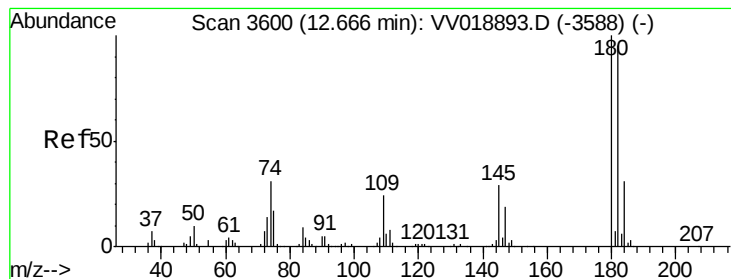
Tgt Ion: 146 Resp: 290568
 Ion Ratio Lower Upper
 146 100
 111 42.4 33.9 50.9
 148 62.3 49.8 74.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 50.087 ug/L
 RT: 12.45 min Scan# 3533
 Delta R.T. 0.00 min
 Lab File: VV018893.D
 Acq: 14 Oct 2020 13:58

Tgt Ion: 75 Resp: 44311
 Ion Ratio Lower Upper
 75 100
 155 82.1 65.7 98.5
 157 103.7 83.0 124.4





#67

1,3,5-Trichlorobenzene

Concen: 49.413 ug/L

RT: 12.67 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD05003

Tgt Ion:180 Resp: 195308

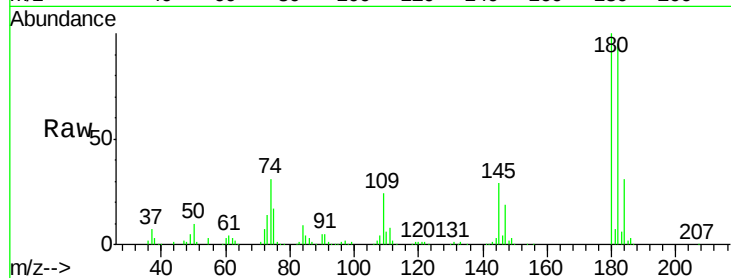
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.8

184 31.1 24.9 37.3

145 29.0 23.2 34.8

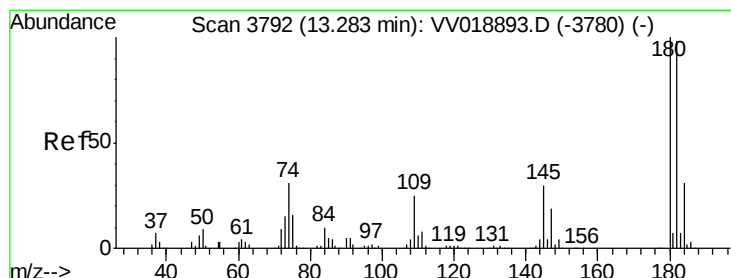
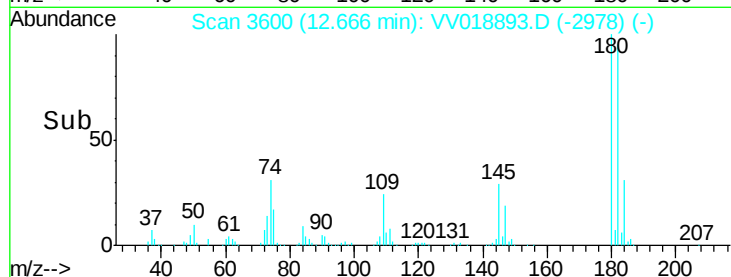
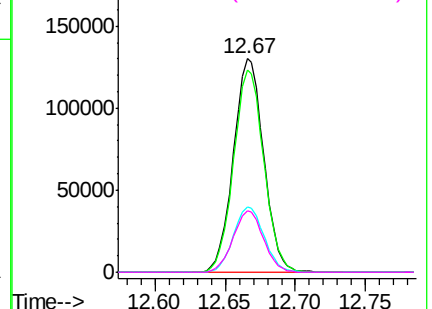


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68

1,2,4-trichlorobenzene

Concen: 50.481 ug/L

RT: 13.28 min Scan# 3792

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

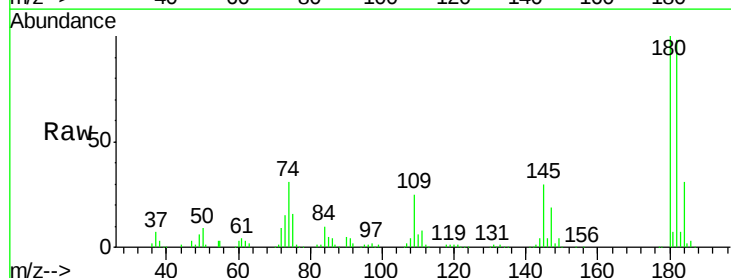
Tgt Ion:180 Resp: 183858

Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

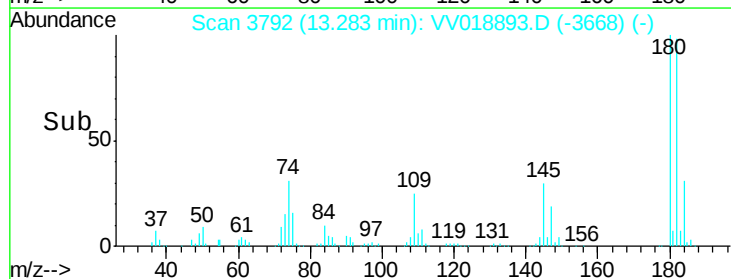
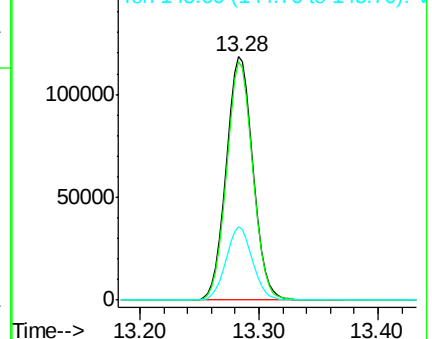
145 29.6 23.7 35.5

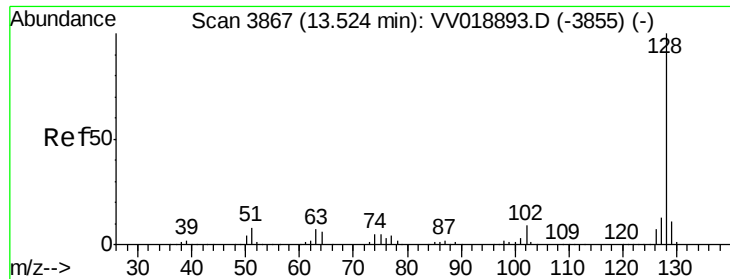


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 53.852 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

VSTD05003

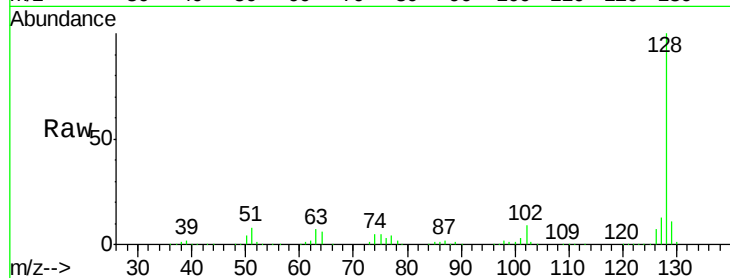
Tgt Ion:128 Resp: 556618

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

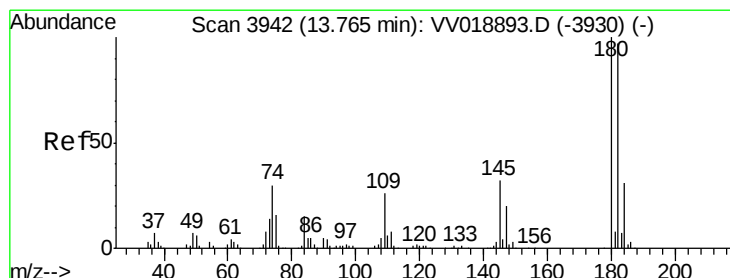
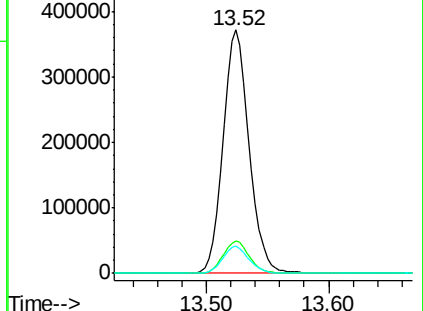
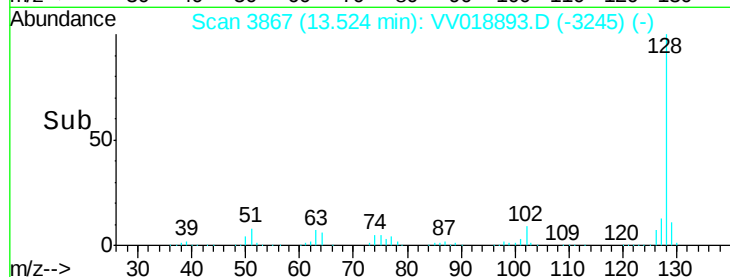
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 51.864 ug/L

RT: 13.77 min Scan# 3942

Delta R.T. 0.00 min

Lab File: VV018893.D

Acq: 14 Oct 2020 13:58

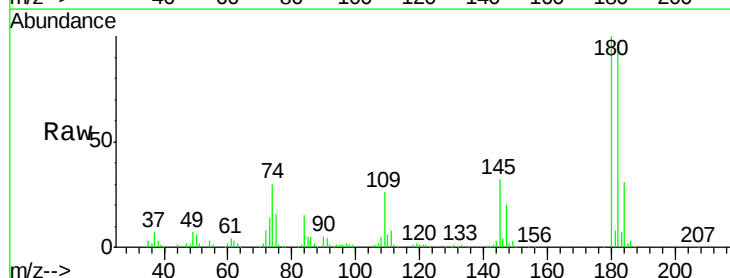
Tgt Ion:180 Resp: 188816

Ion Ratio Lower Upper

180 100

182 96.0 76.8 115.2

145 31.7 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

