

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018513.D
 Acq On : 29 Sep 2020 13:31
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

Quant Time: Sep 30 01:50:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:47:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	389353	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	371205	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	209990	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106880	46.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.62%
7) Chloroethane-d5	1.58	69	88070	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.30%
11) 1,1-Dichloroethene-d2	2.12	63	220123	47.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.62%
21) 2-Butanone-d5	3.91	46	172573	101.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.32%
24) Chloroform-d	4.37	84	237764	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
26) 1,2-Dichloroethane-d4	5.05	65	151139	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
32) Benzene-d6	5.07	84	462830	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
36) 1,2-Dichloropropane-d6	6.09	67	141371	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.52%
41) Toluene-d8	7.33	98	442133	49.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.96%
43) trans-1,3-Dichloropropene-	7.64	79	78645	51.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.48%
47) 2-Hexanone-d5	8.11	63	120073	111.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.27%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	191480	50.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	195628	48.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	123860	46.786	ug/L	99
3) Chloromethane	1.25	50	131015	46.250	ug/L	99
5) Vinyl chloride	1.32	62	139554	46.857	ug/L	100
6) Bromomethane	1.53	94	98390	48.539	ug/L	95
8) Chloroethane	1.60	64	88852	48.412	ug/L	99
9) Trichlorofluoromethane	1.76	101	218010	48.162	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	123695	48.824	ug/L	98
12) 1,1-Dichloroethene	2.13	96	114184	46.979	ug/L	93
13) Acetone	2.20	43	144075	97.906	ug/L	100
14) Carbon disulfide	2.31	76	385015	48.900	ug/L	99
15) Methyl Acetate	2.45	43	136868	48.277	ug/L	100
16) Methylene chloride	2.52	84	139438	47.799	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	135757	48.813	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	418478	49.385	ug/L	99
19) 1,1-Dichloroethane	3.21	63	236548	48.576	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	144759	48.976	ug/L	99
22) 2-Butanone	4.00	43	199056	107.078	ug/L	100

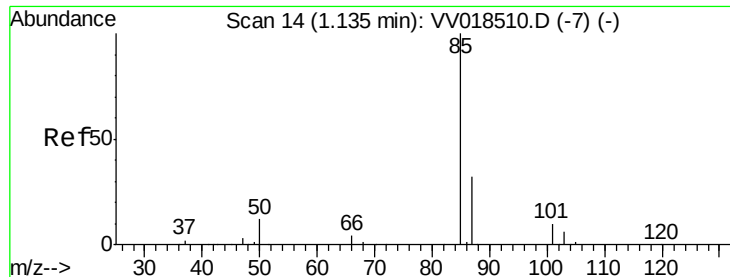
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	78340	48.200	ug/L	99
25) Chloroform	4.40	83	248364	48.302	ug/L	98
27) 1,2-Dichloroethane	5.15	62	194544	48.542	ug/L	99
29) Cyclohexane	4.70	56	216173	51.060	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	228699	49.627	ug/L	99
31) Carbon tetrachloride	4.85	117	204618	49.473	ug/L	100
33) Benzene	5.12	78	538203	49.352	ug/L	100
34) Trichloroethene	5.94	95	152672	48.222	ug/L	99
35) Methylcyclohexane	6.15	83	215973	50.568	ug/L	99
37) 1,2-Dichloropropane	6.20	63	137484	49.138	ug/L	100
38) Bromodichloromethane	6.53	83	187192	49.957	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	220246	50.172	ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	375717	104.067	ug/L	99
42) Toluene	7.41	91	589157	49.939	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	222734	51.652	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	137705	49.717	ug/L	97
46) Tetrachloroethene	8.00	164	129003	50.224	ug/L	99
48) 2-Hexanone	8.16	43	298949	106.125	ug/L	99
49) Dibromochloromethane	8.27	129	159678	50.403	ug/L	100
50) 1,2-Dibromoethane	8.37	107	147841	50.202	ug/L	98
51) Chlorobenzene	8.90	112	397028	49.746	ug/L	99
52) Ethylbenzene	9.03	91	667368	50.654	ug/L	99
53) m,p-Xylene	9.16	106	257766	50.625	ug/L	99
54) o-xylene	9.56	106	246232	51.079	ug/L	99
55) Styrene	9.58	104	434512	51.766	ug/L	98
56) Isopropylbenzene	9.95	105	663621	51.331	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	198978	50.966	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	169473	49.797	ug/L	99
61) Bromoform	9.75	173	121541	50.388	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	337406	49.649	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	346204	49.471	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	330711	49.190	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	46889	51.089	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	241663	51.336	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	231141	52.766	ug/L	99
69) Naphthalene	13.52	128	683880	54.538	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	231389	52.619	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 46.786 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

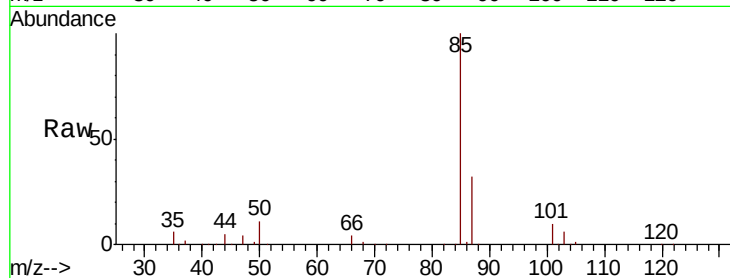
VICV64

Tot Ion: 85 Resp: 123860

Ion Ratio Lower Upper

85 100

87 32.3 25.5 38.3



Abundance Ion 85.00 (84.70 to 85.70): VV018513.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VV018513.D (-1) (-)

1.14

150000

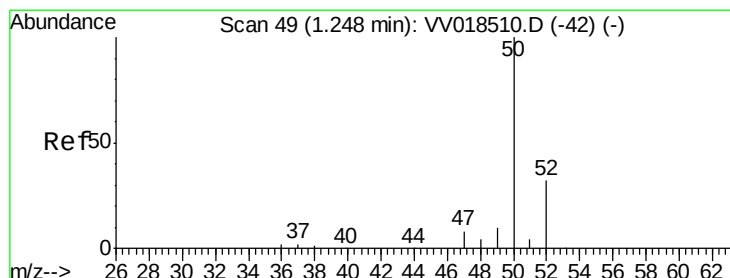
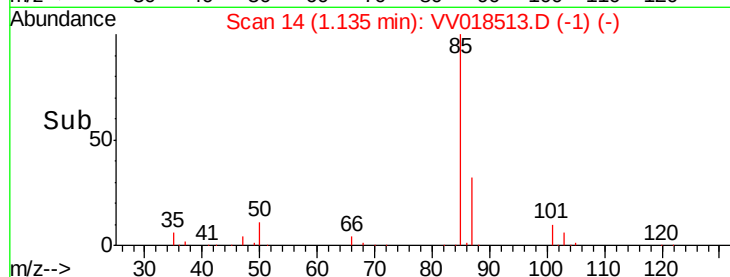
100000

50000

0

1.10 1.15 1.20

Time-->



#3

Chloromethane

Concen: 46.250 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV018513.D

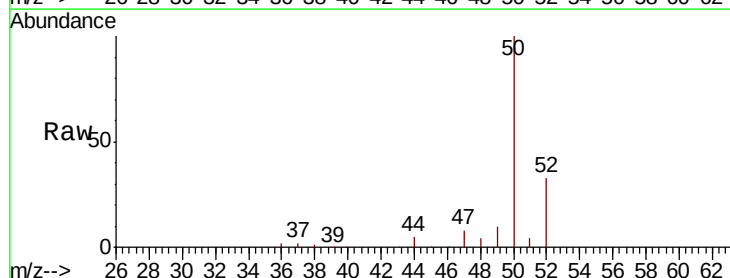
Acq: 29 Sep 2020 13:31

Tgt Ion: 50 Resp: 131015

Ion Ratio Lower Upper

50 100

52 32.8 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VV018513.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VV018513.D (-1) (-)

1.25

150000

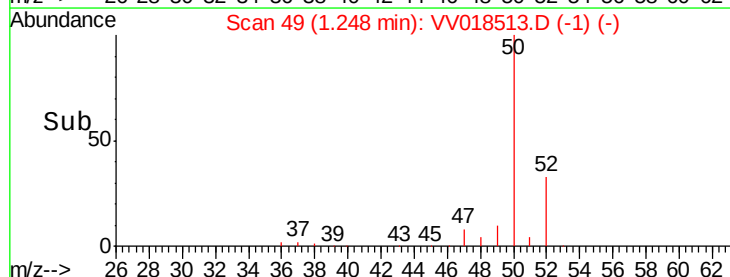
100000

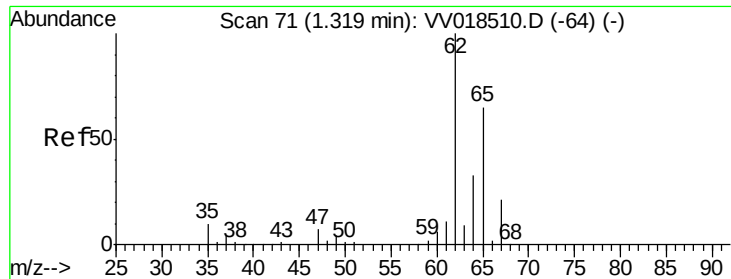
50000

0

1.20 1.25 1.30

Time-->





#5

Vinyl chloride

Concen: 46.857 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

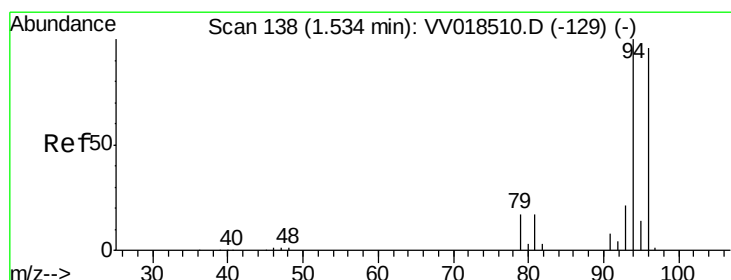
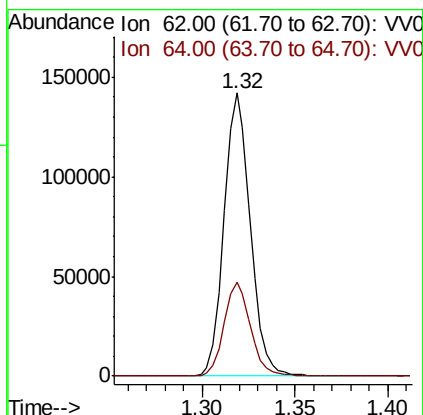
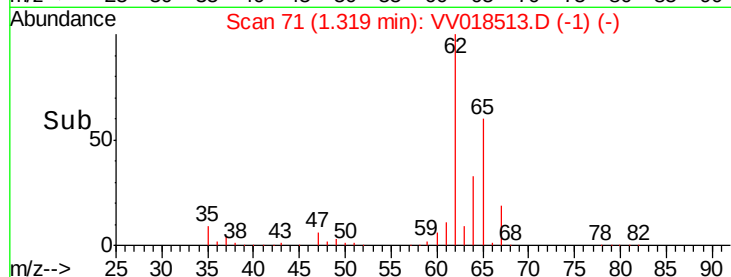
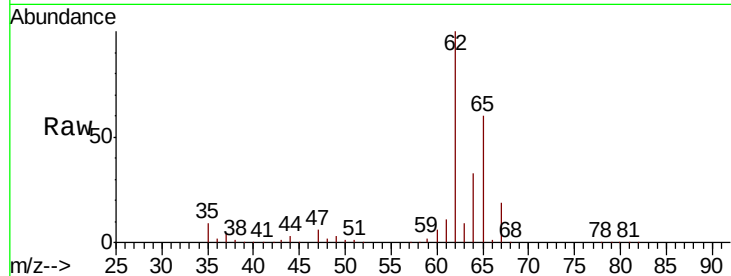
VICV64

Tot Ion: 62 Resp: 139554

Ion Ratio Lower Upper

62 100

64 33.0 22.9 42.5



#6

Bromomethane

Concen: 48.539 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV018513.D

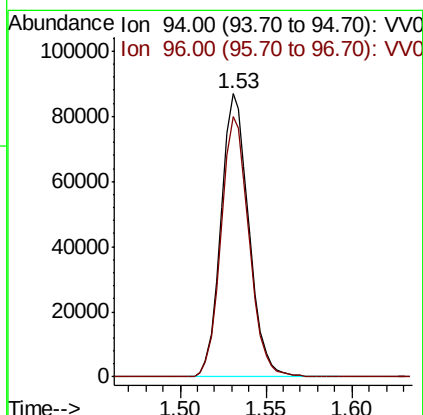
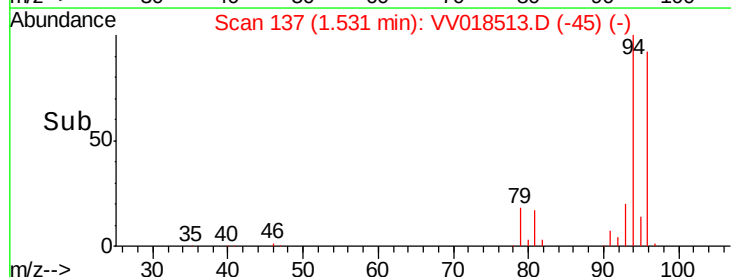
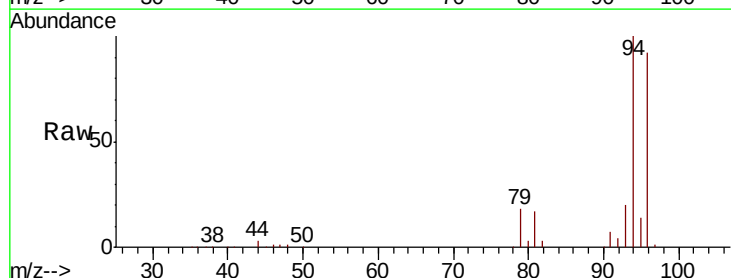
Acq: 29 Sep 2020 13:31

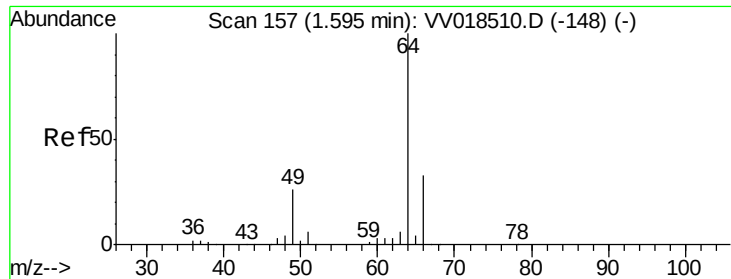
Tgt Ion: 94 Resp: 98390

Ion Ratio Lower Upper

94 100

96 92.0 67.5 125.4





#8

Chloroethane

Concen: 48.412 ug/L

RT: 1.60 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

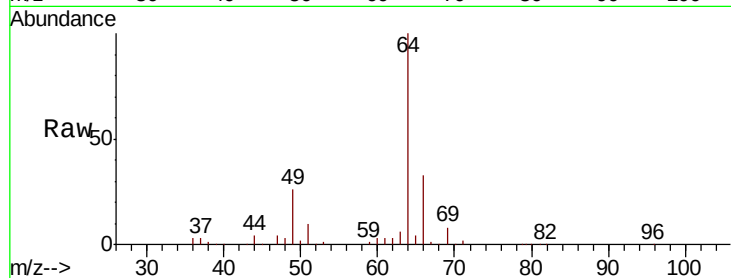
VICV64

Tot Ion: 64 Resp: 88852

Ion Ratio Lower Upper

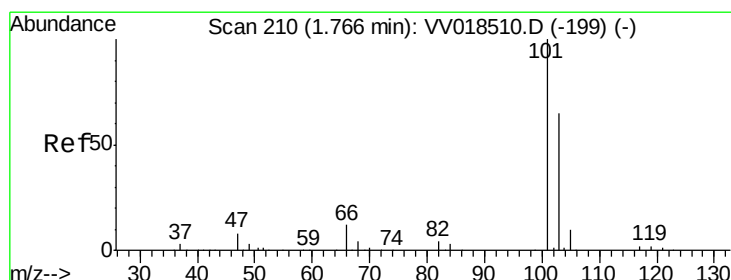
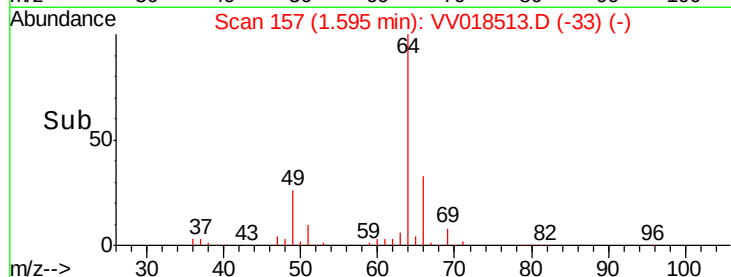
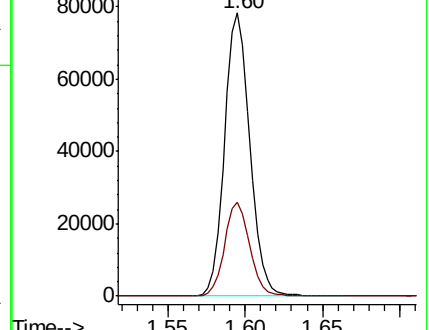
64 100

66 33.2 22.8 42.4



Abundance Ion 64.00 (63.70 to 64.70): VV018510.D (-148) (-)

Ion 66.00 (65.70 to 66.70): VV018513.D (-33) (-)



#9

Trichlorofluoromethane

Concen: 48.162 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV018513.D

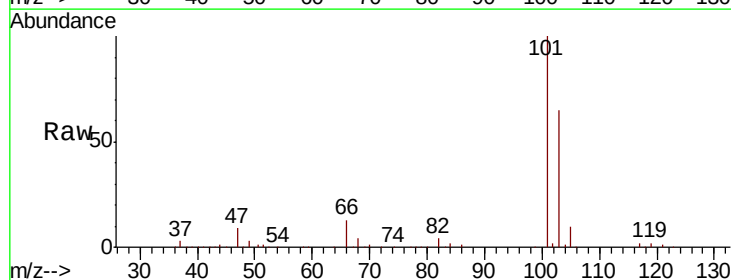
Acq: 29 Sep 2020 13:31

Tgt Ion: 101 Resp: 218010

Ion Ratio Lower Upper

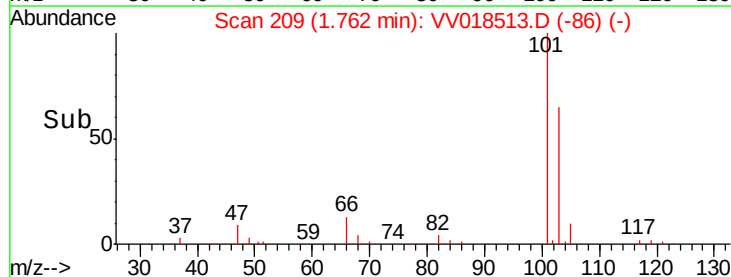
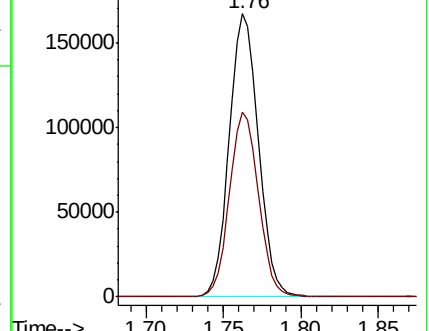
101 100

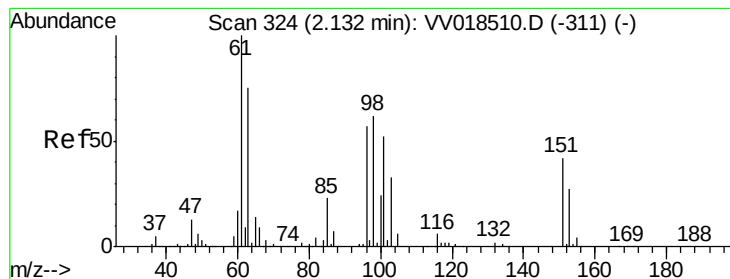
103 65.0 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): VV018510.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV018513.D (-86) (-)





#10

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

Concen: 48.824 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

VICV64

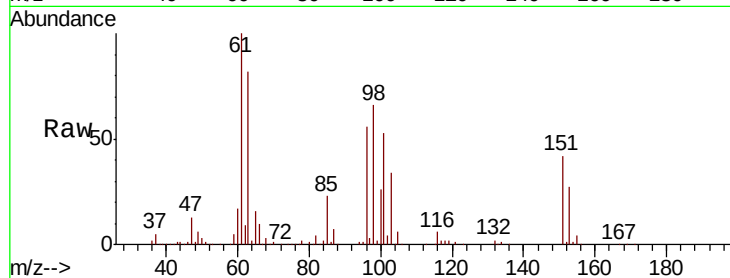
Tot Ion:101 Resp: 123695

Ion Ratio Lower Upper

101 100

85 42.6 34.6 52.0

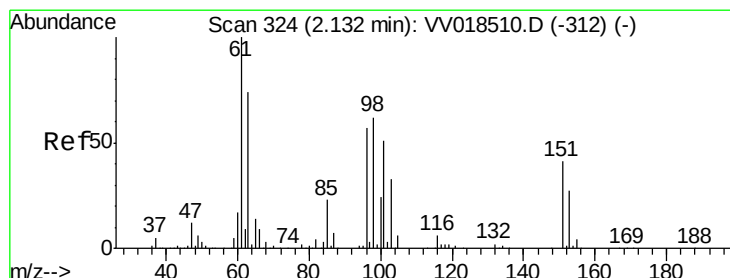
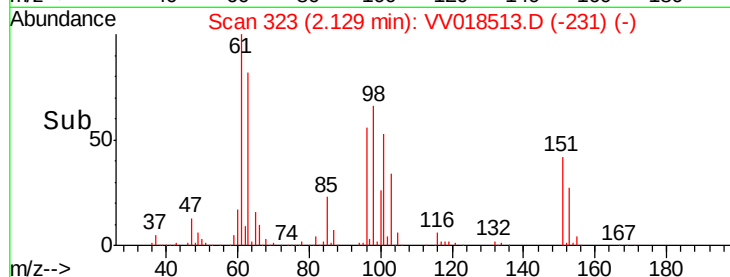
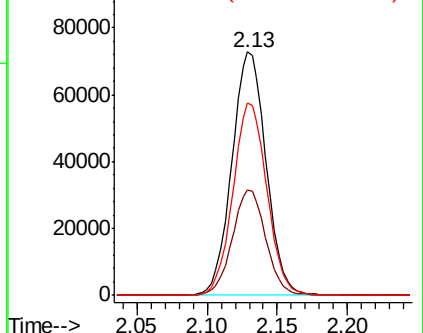
151 78.5 64.3 96.5



Abundance Ion 101.00 (100.70 to 101.70): VV018513.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV018513.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV018513.D (-231) (-)



#12

1,1-Dichloroethene

Concen: 46.979 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

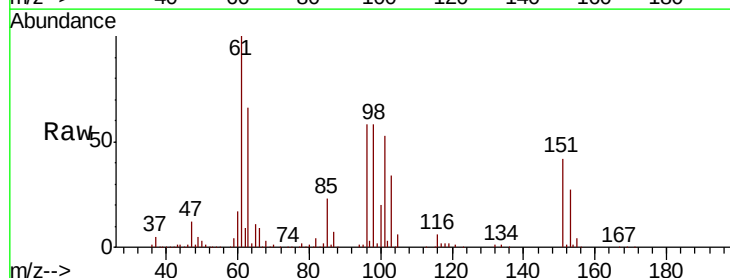
Tgt Ion: 96 Resp: 114184

Ion Ratio Lower Upper

96 100

61 172.7 122.8 228.1

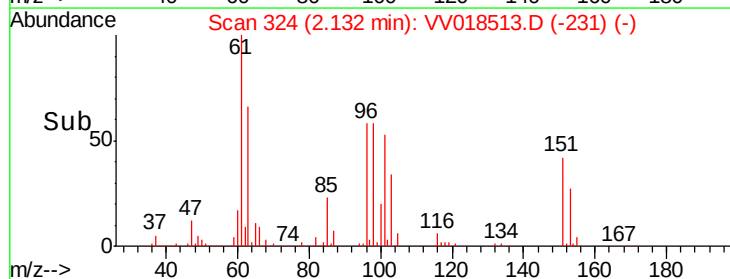
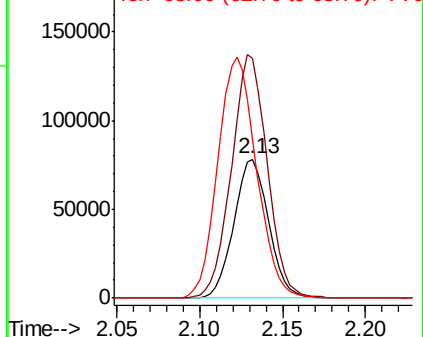
63 114.7 91.9 170.7

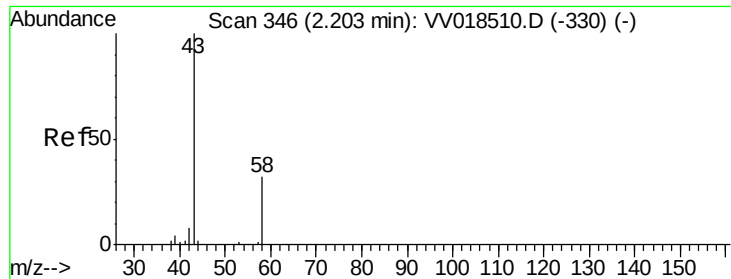


Abundance Ion 96.00 (95.70 to 96.70): VV018513.D (-231) (-)

Ion 61.00 (60.70 to 61.70): VV018513.D (-231) (-)

Ion 63.00 (62.70 to 63.70): VV018513.D (-231) (-)





#13

Acetone

Concen: 97.906 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

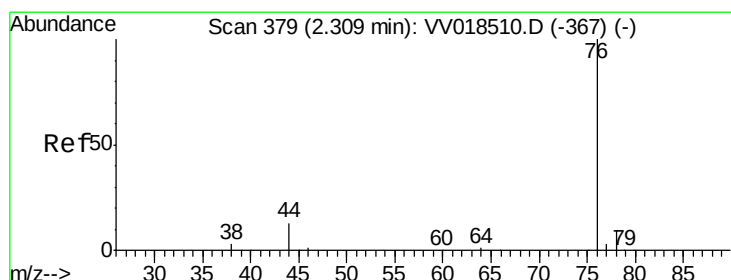
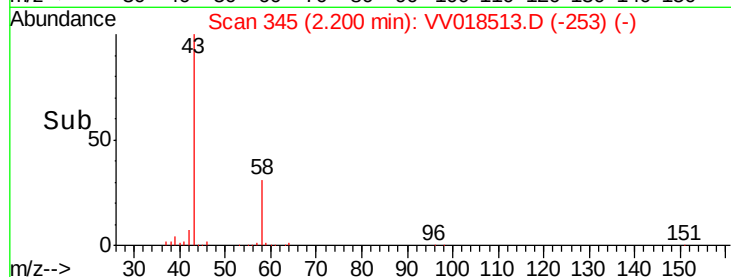
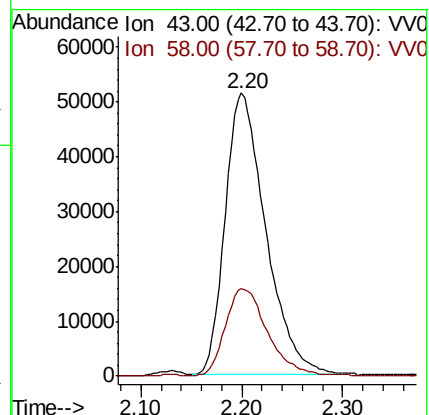
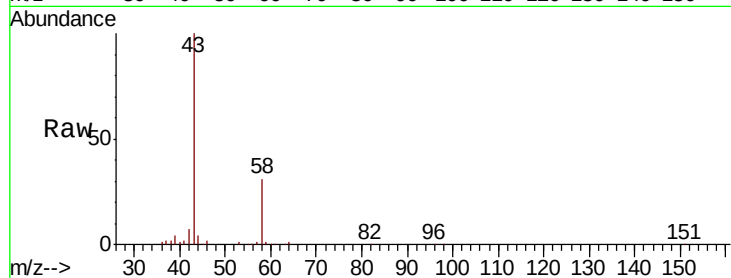
VICV64

Tot Ion: 43 Resp: 144075

Ion Ratio Lower Upper

43 100

58 31.9 0.0 64.0



#14

Carbon disulfide

Concen: 48.900 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV018513.D

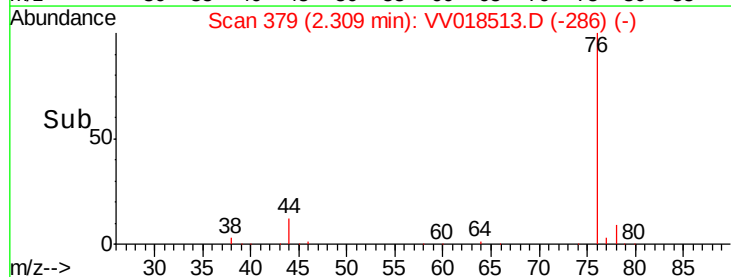
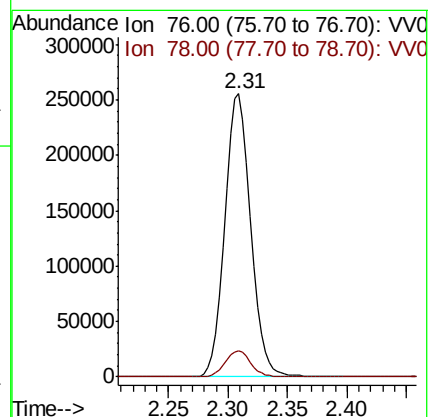
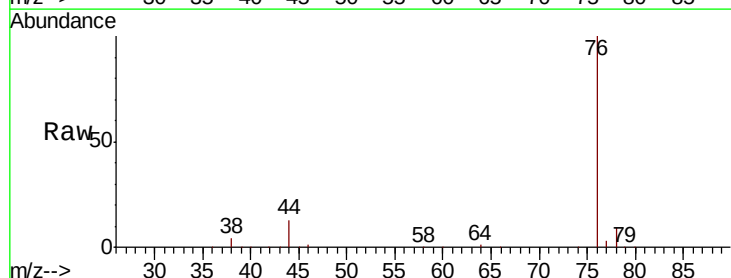
Acq: 29 Sep 2020 13:31

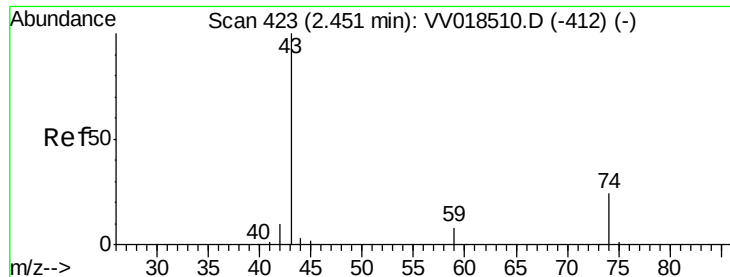
Tgt Ion: 76 Resp: 385015

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7





#15

Methvl Acetate

Concen: 48.277 ug/L

RT: 2.45 min Scan# 422

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

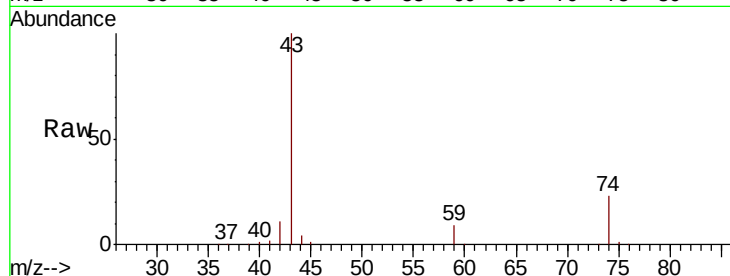
VICV64

Tot Ion: 43 Resp: 136868

Ion Ratio Lower Upper

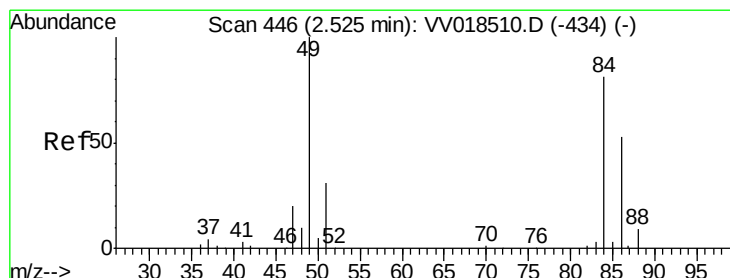
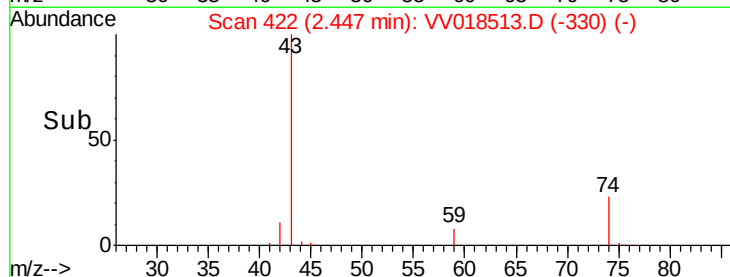
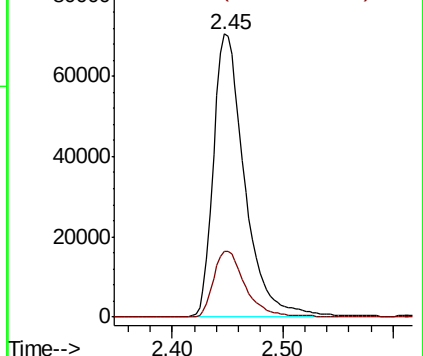
43 100

74 23.9 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0



#16

Methylene chloride

Concen: 47.799 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

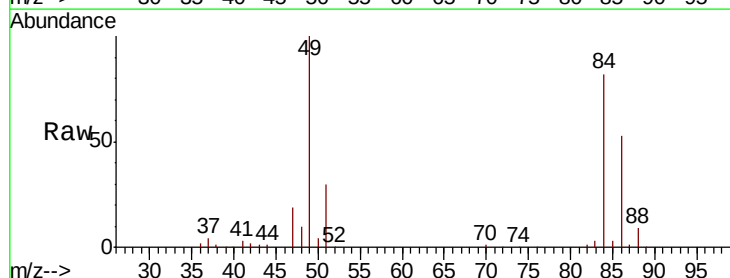
Tgt Ion: 84 Resp: 139438

Ion Ratio Lower Upper

84 100

86 64.7 46.2 85.8

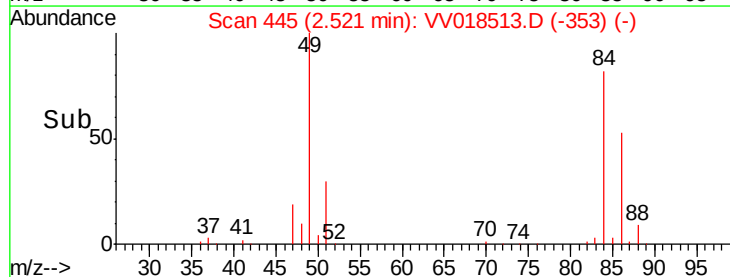
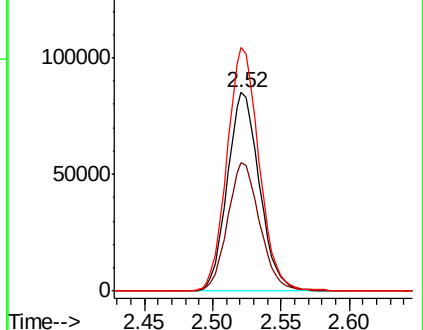
49 122.5 86.6 160.8

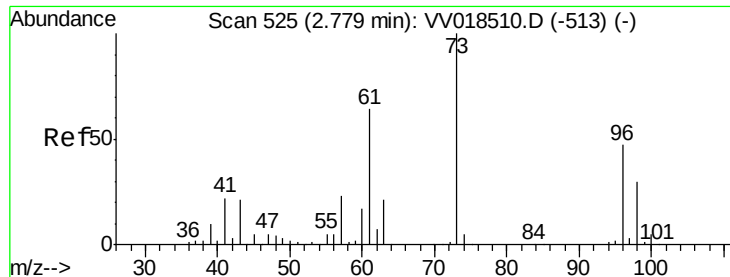


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

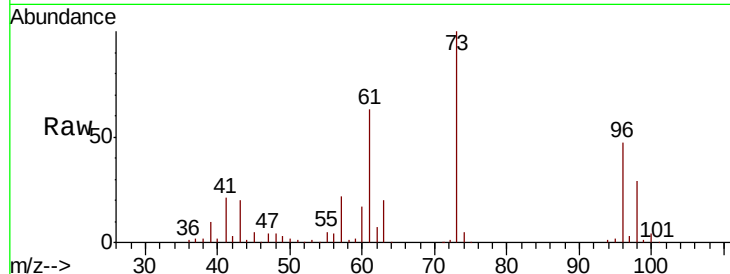




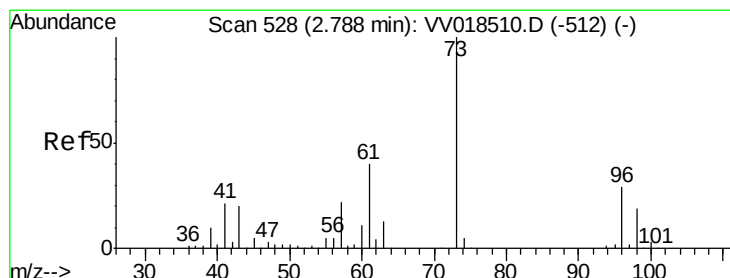
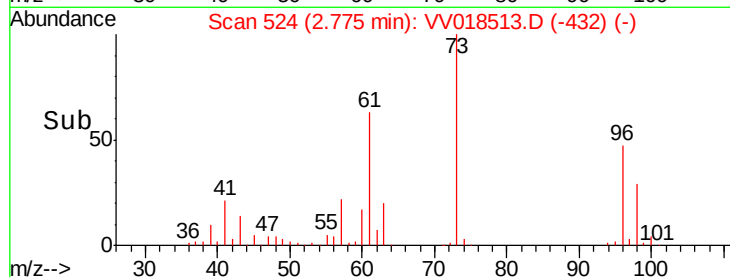
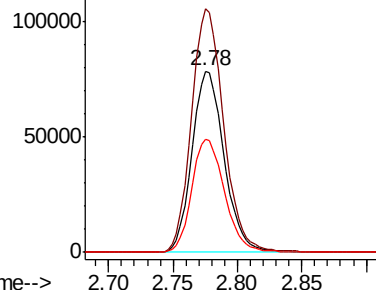
#17
trans-1,2-Dichloroethene
Concen: 48.813 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV018513.D
Acq: 29 Sep 2020 13:31

Instrument :
MSVOA_V
ClientSampled :
VICV64

Tot Ion: 96 Resp: 135757
Ion Ratio Lower Upper
96 100
61 134.2 95.0 176.4
98 62.7 44.6 82.8

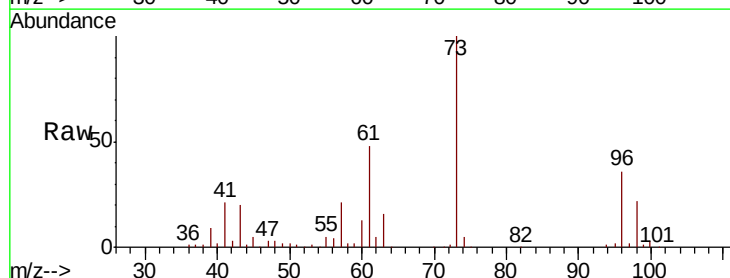


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

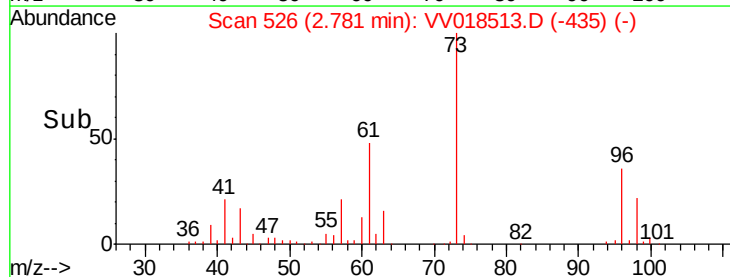
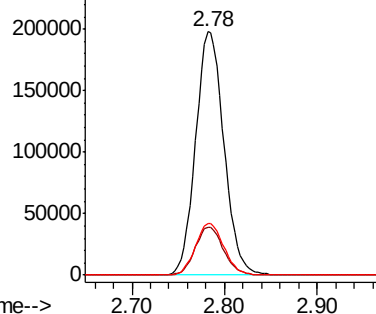


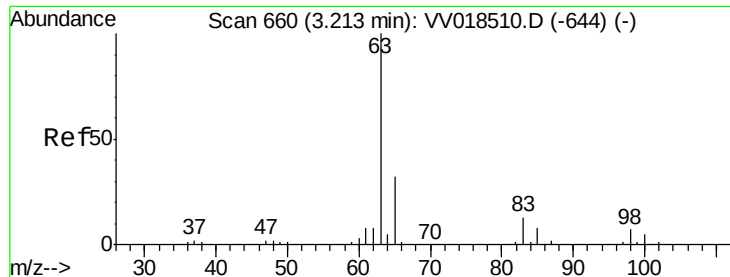
#18
Methyl tert-butyl Ether
Concen: 49.385 ug/L
RT: 2.78 min Scan# 526
Delta R.T. -0.01 min
Lab File: VV018513.D
Acq: 29 Sep 2020 13:31

Tgt Ion: 73 Resp: 418478
Ion Ratio Lower Upper
73 100
43 19.6 15.9 23.9
57 21.2 17.5 26.3



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

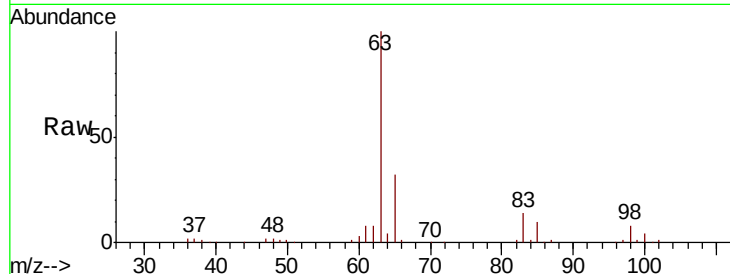




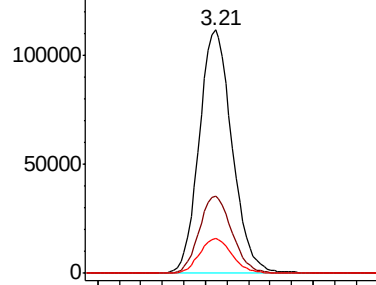
#19
 1,1-Dichloroethane
 Concen: 48.576 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VV018513.D
 Acq: 29 Sep 2020 13:31

Instrument :
 MSVOA_V
 ClientSampled :
 VICV64

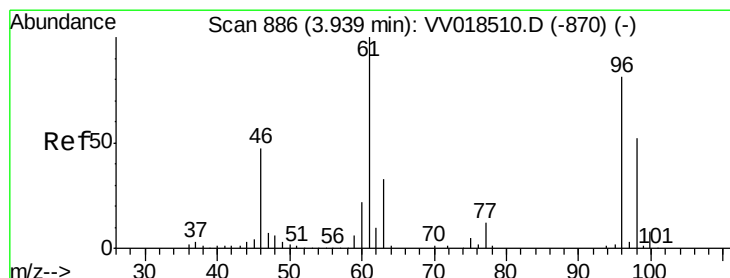
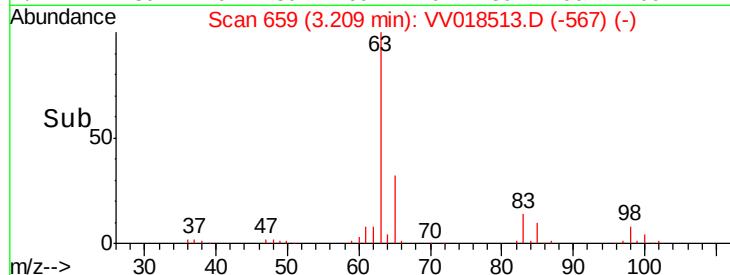
Tot Ion: 63 Resp: 236548
 Ion Ratio Lower Upper
 63 100
 65 31.6 22.3 41.3
 83 14.4 9.3 17.3



Abundance Ion 63.00 (62.70 to 63.70): VV0
 150000 Ion 65.00 (64.70 to 65.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0

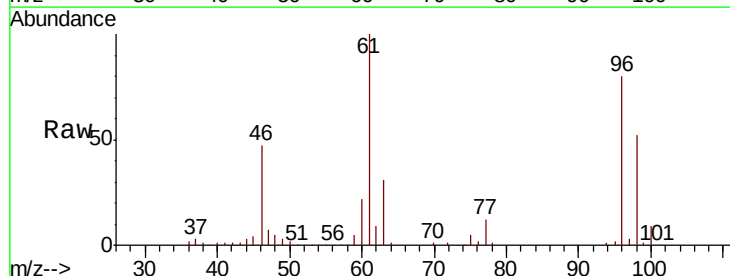


Time-->

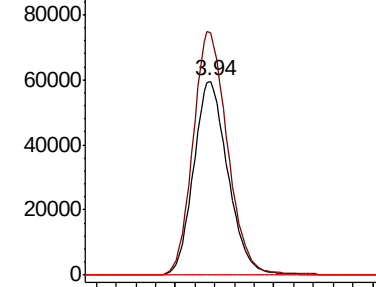


#20
 cis-1,2-Dichloroethene
 Concen: 48.976 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV018513.D
 Acq: 29 Sep 2020 13:31

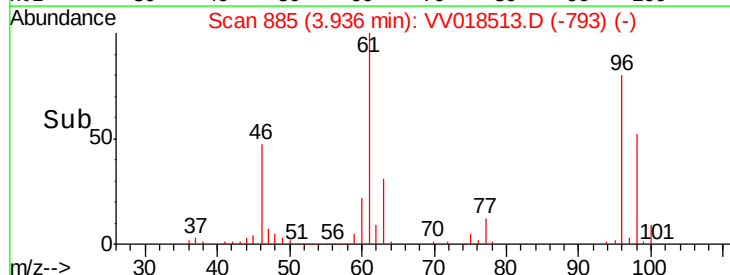
Tgt Ion: 96 Resp: 144759
 Ion Ratio Lower Upper
 96 100
 61 124.9 86.8 161.2
 68 0.0 0.0 0.0

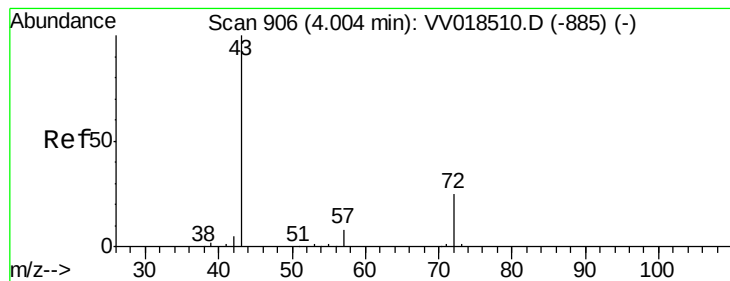


Abundance Ion 96.00 (95.70 to 96.70): VV0
 100000 Ion 61.00 (60.70 to 61.70): VV0
 Ion 68.00 (67.70 to 68.70): VV0



Time-->





#22

2-Butanone

Concen: 107.078 ug/L

RT: 4.00 min Scan# 904

Delta R.T. -0.01 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

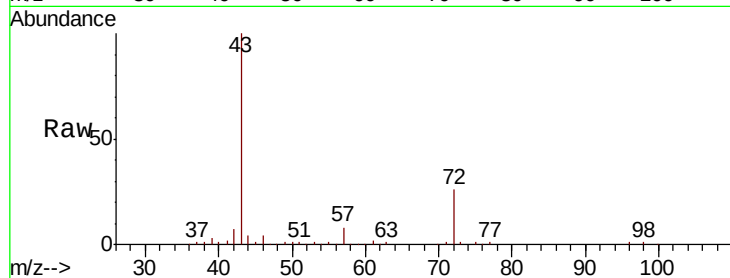
VICV64

Tot Ion: 43 Resp: 199056

Ion Ratio Lower Upper

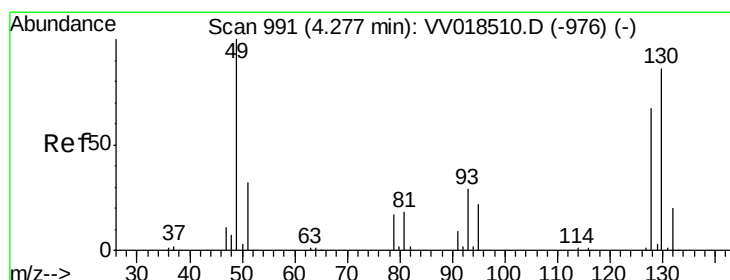
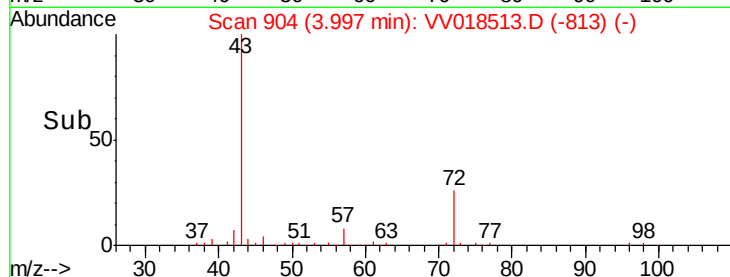
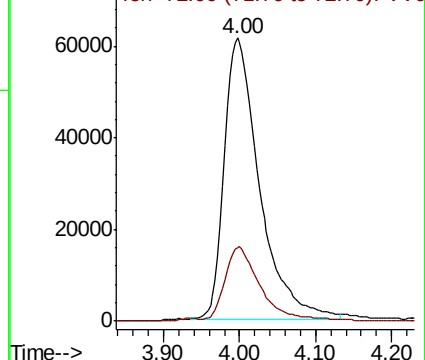
43 100

72 24.3 12.1 36.3



Abundance Ion 43.00 (42.70 to 43.70): VV018513.D (-813) (-)

Ion 72.00 (71.70 to 72.70): VV018513.D (-813) (-)



#23

Bromochloromethane

Concen: 48.200 ug/L

RT: 4.27 min Scan# 989

Delta R.T. -0.01 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Tgt Ion: 128 Resp: 78340

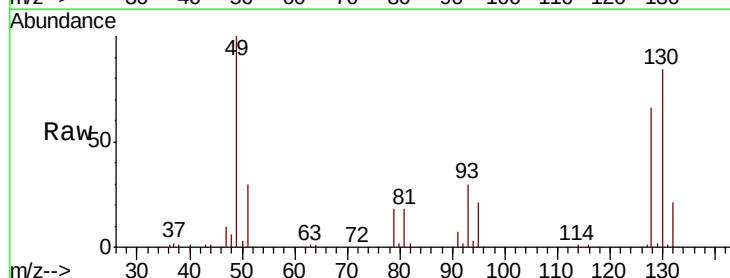
Ion Ratio Lower Upper

128 100

49 150.9 105.1 195.1

130 127.2 90.0 167.2

51 45.8 38.6 57.8

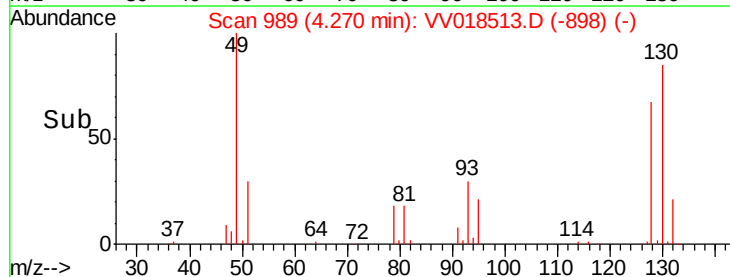
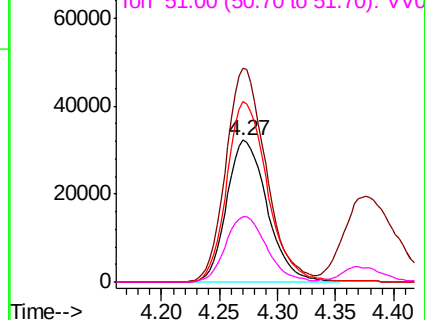


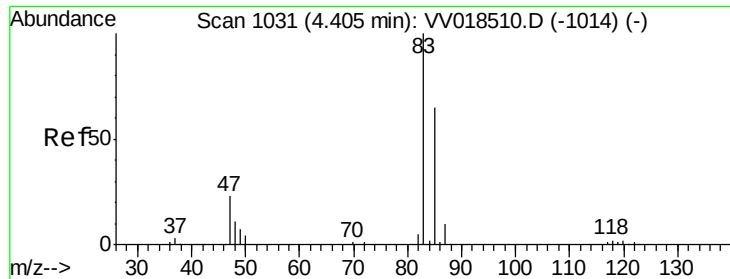
Abundance Ion 128.00 (127.70 to 128.70): VV018513.D (-898) (-)

Ion 49.00 (48.70 to 49.70): VV018513.D (-898) (-)

Ion 130.00 (129.70 to 130.70): VV018513.D (-898) (-)

Ion 51.00 (50.70 to 51.70): VV018513.D (-898) (-)

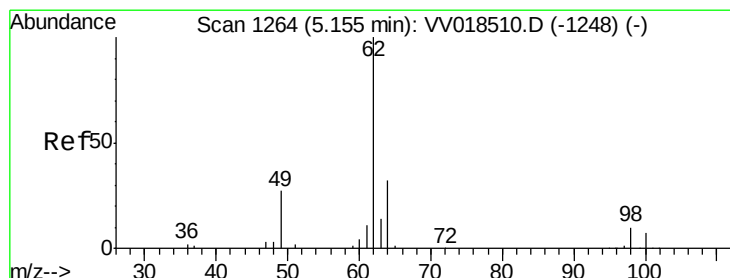
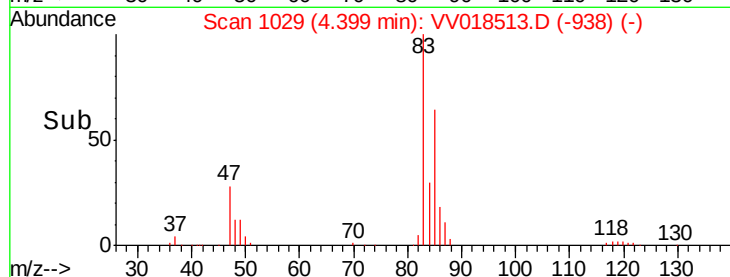
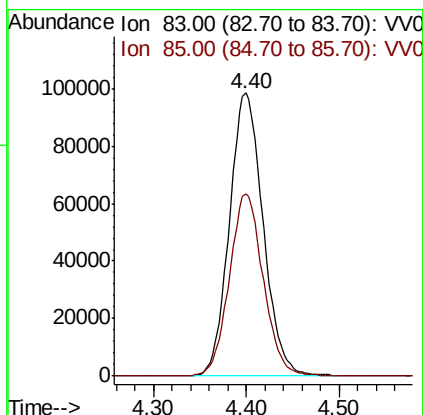
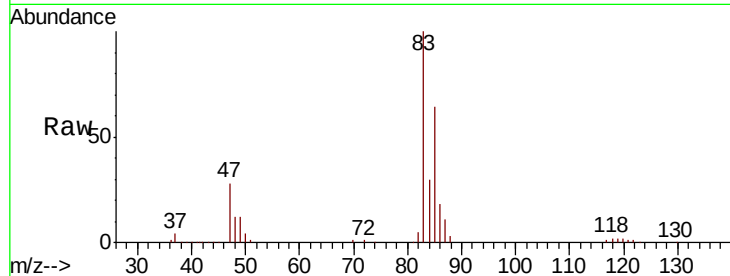




#25
Chloroform
Concen: 48.302 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VV018513.D
Acq: 29 Sep 2020 13:31

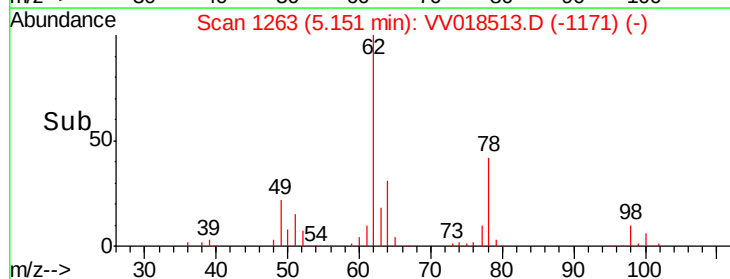
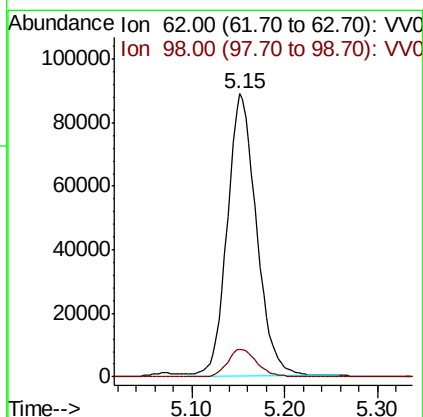
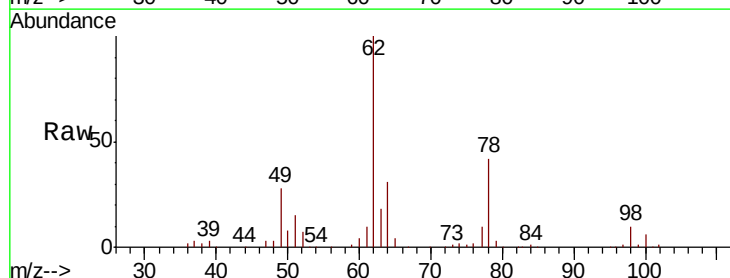
Instrument :
MSVOA_V
ClientSampled :
VICV64

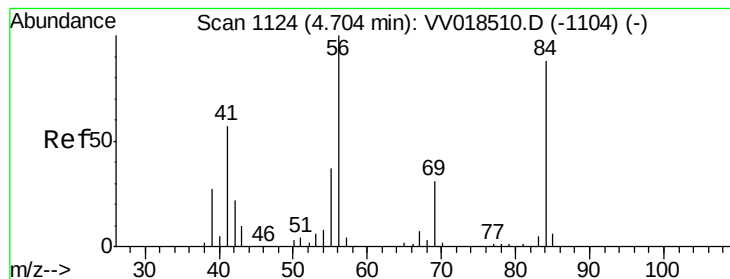
Tot Ion: 83 Resp: 248364
Ion Ratio Lower Upper
83 100
85 64.5 46.2 85.8



#27
1,2-Dichloroethane
Concen: 48.542 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VV018513.D
Acq: 29 Sep 2020 13:31

Tgt Ion: 62 Resp: 194544
Ion Ratio Lower Upper
62 100
98 9.8 7.7 11.5





#29

Cyclohexane

Concen: 51.060 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

VICV64

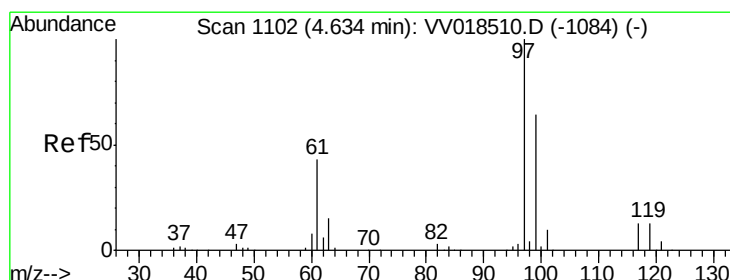
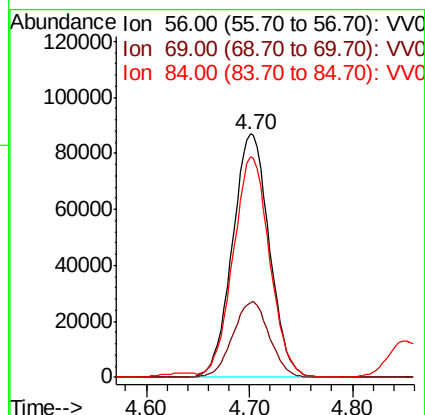
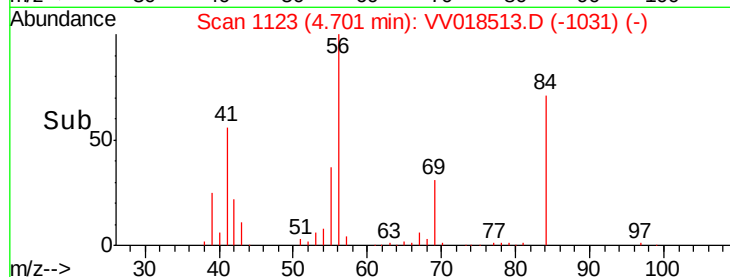
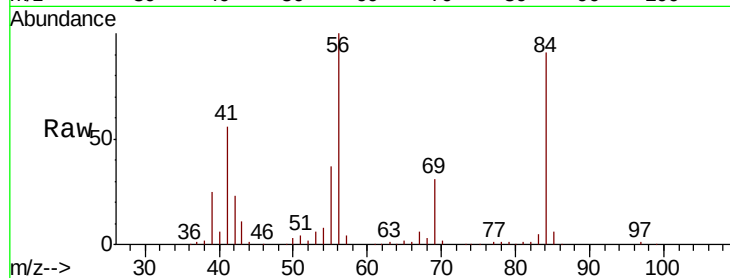
Tot Ion: 56 Resp: 216173

Ion Ratio Lower Upper

56 100

69 31.1 24.8 37.2

84 90.0 72.2 108.4



#30

1,1,1-Trichloroethane

Concen: 49.627 ug/L

RT: 4.63 min Scan# 1101

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

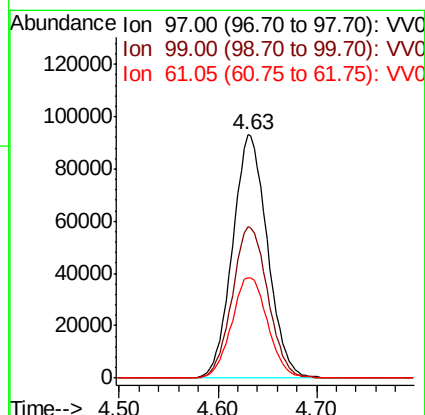
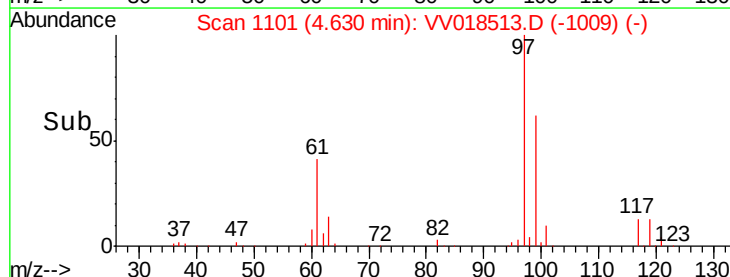
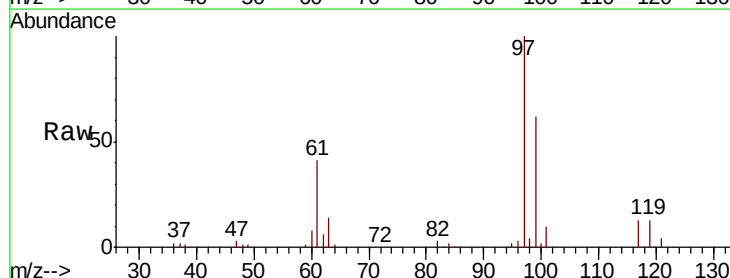
Tgt Ion: 97 Resp: 228699

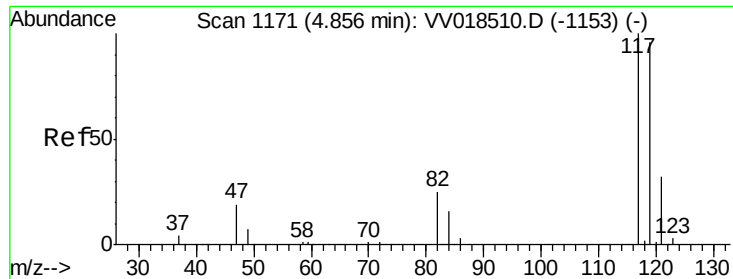
Ion Ratio Lower Upper

97 100

99 63.7 51.4 77.0

61 42.9 33.9 50.9





#31

Carbon tetrachloride

Concen: 49.473 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

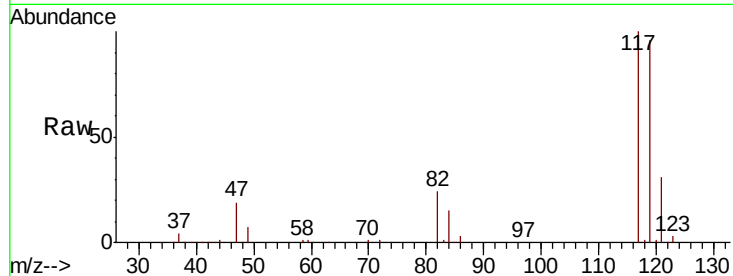
VICV64

Tot Ion:117 Resp: 204618

Ion Ratio Lower Upper

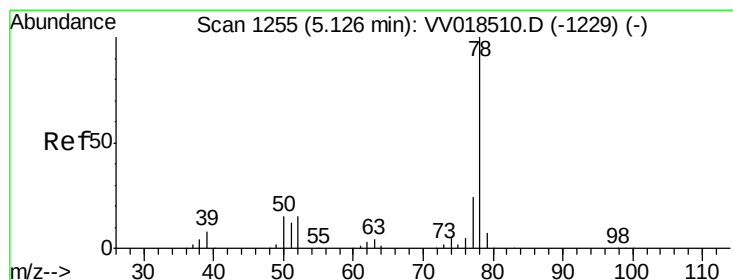
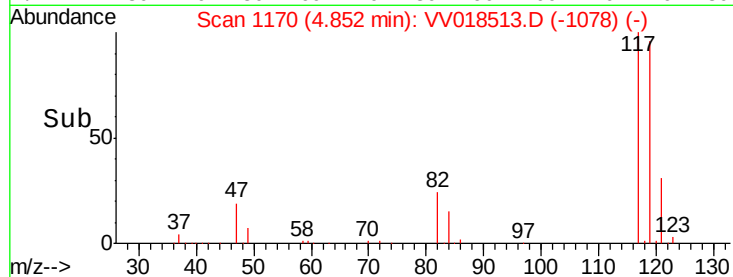
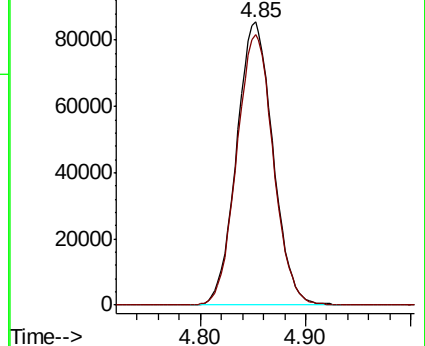
117 100

119 96.1 77.0 115.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 49.352 ug/L

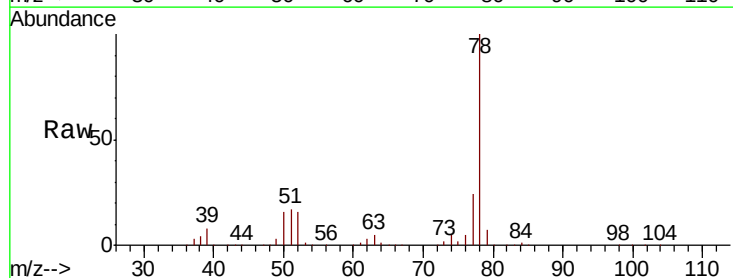
RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

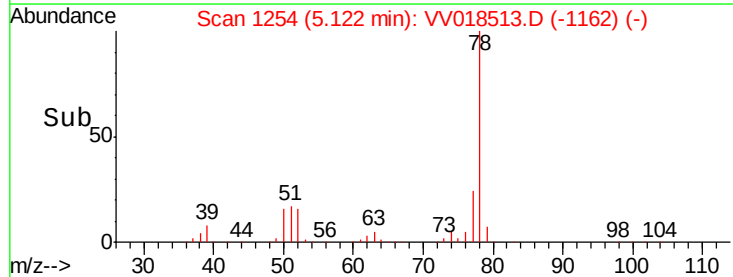
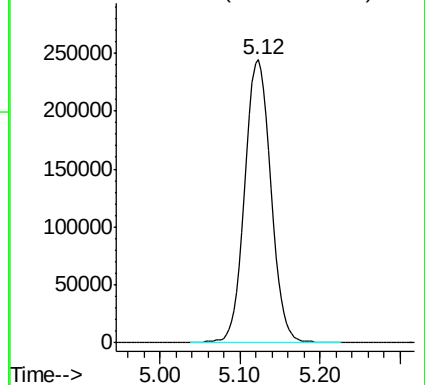
Lab File: VV018513.D

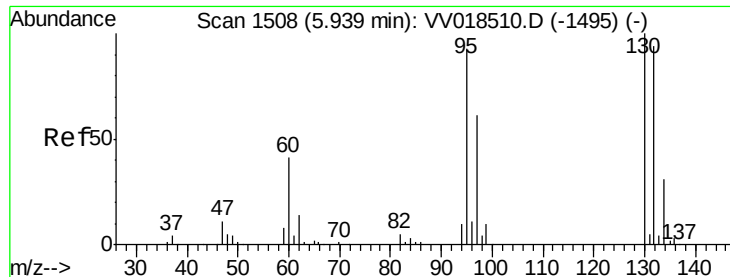
Acq: 29 Sep 2020 13:31

Tgt Ion: 78 Resp: 538203



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 48.222 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

VICV64

Tot Ion: 95 Resp: 152672

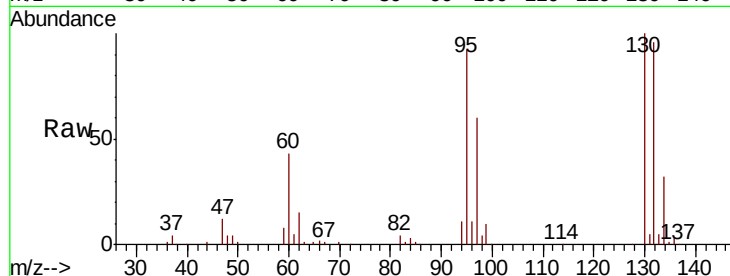
Ion Ratio Lower Upper

95 100

97 65.2 45.9 85.3

132 103.8 70.8 131.4

130 108.2 75.3 139.8

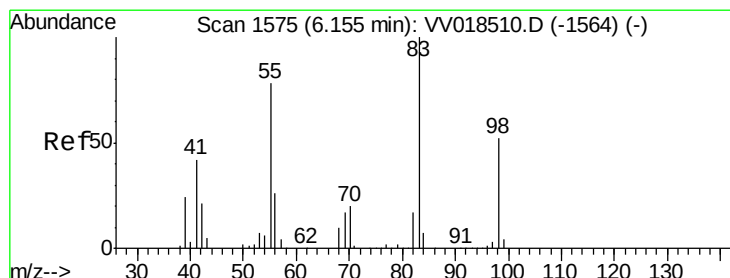
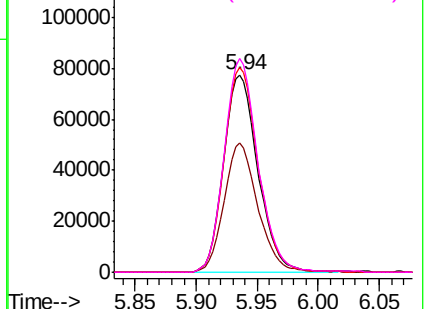
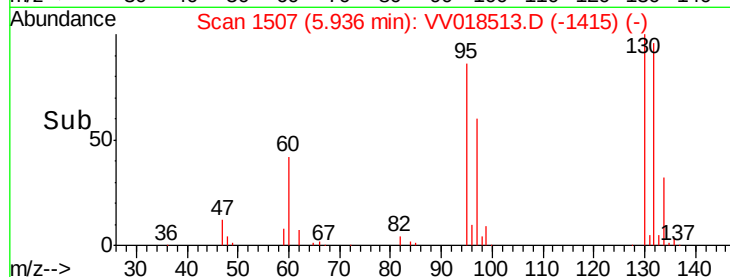


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 50.568 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

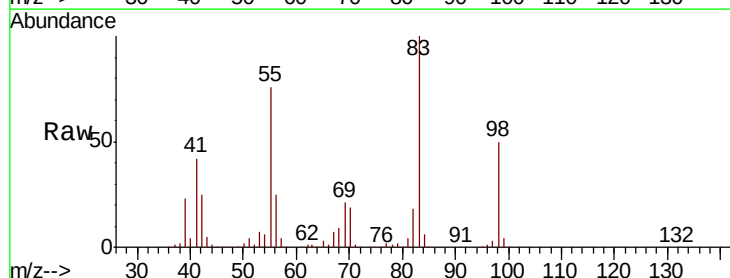
Tgt Ion: 83 Resp: 215973

Ion Ratio Lower Upper

83 100

55 76.1 60.1 90.1

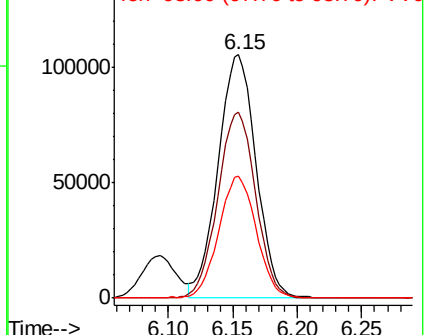
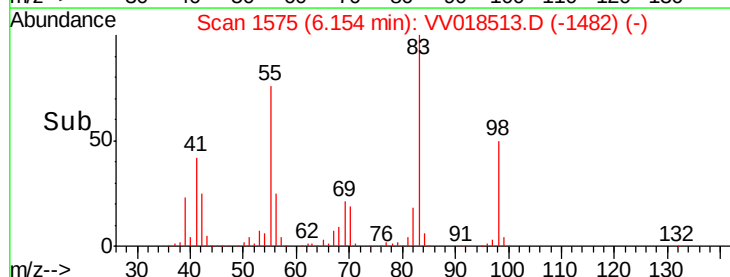
98 49.3 40.2 60.4

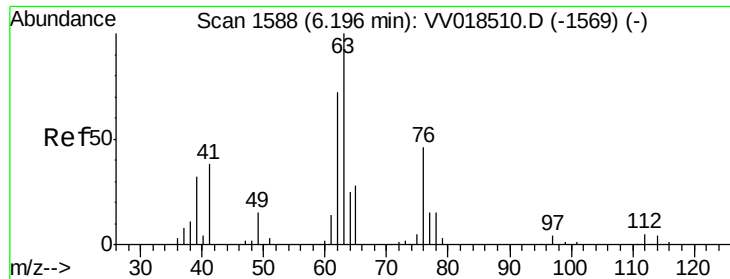


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

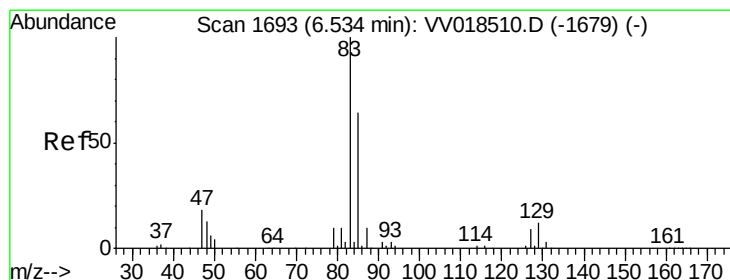
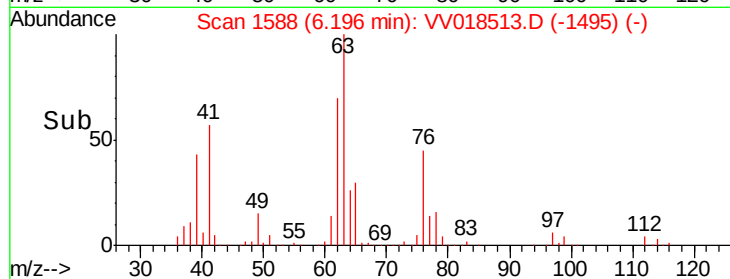
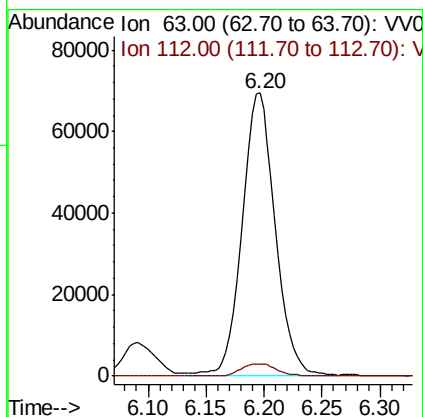
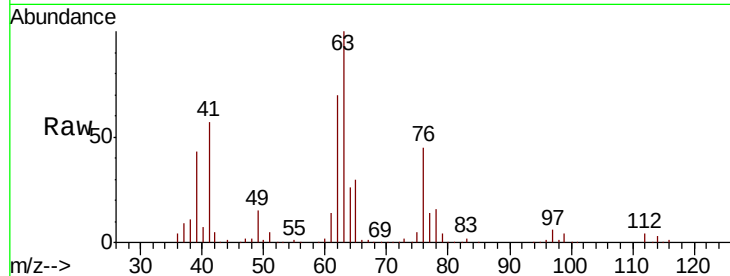




#37
 1,2-Dichloropropane
 Concen: 49.138 ug/L
 RT: 6.20 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: VV018513.D
 Acq: 29 Sep 2020 13:31

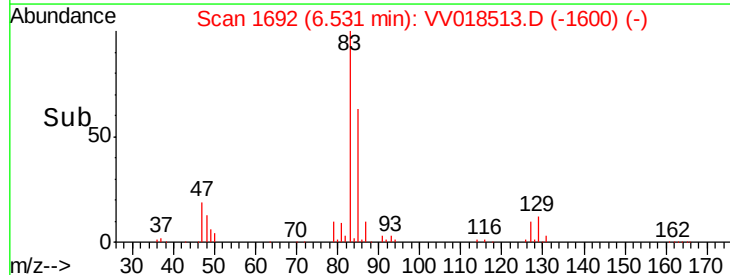
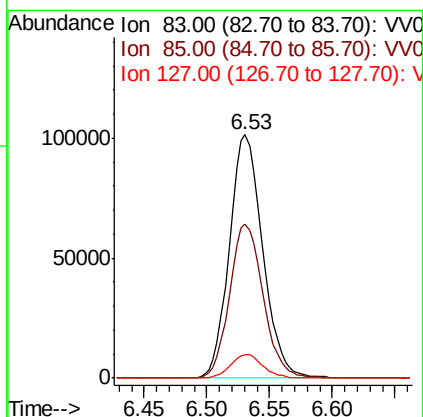
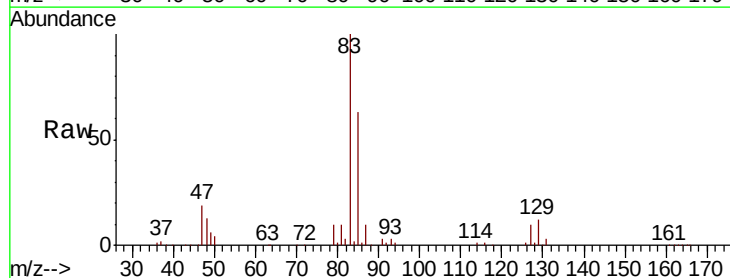
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

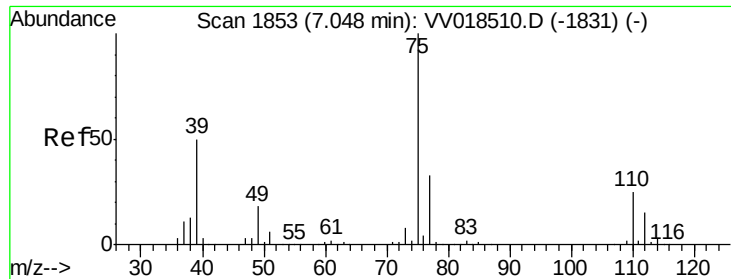
Tot Ion: 63 Resp: 137484
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.9 5.9



#38
 Bromodichloromethane
 Concen: 49.957 ug/L
 RT: 6.53 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VV018513.D
 Acq: 29 Sep 2020 13:31

Tgt Ion: 83 Resp: 187192
 Ion Ratio Lower Upper
 83 100
 85 63.1 44.5 82.7
 127 9.6 7.2 10.8

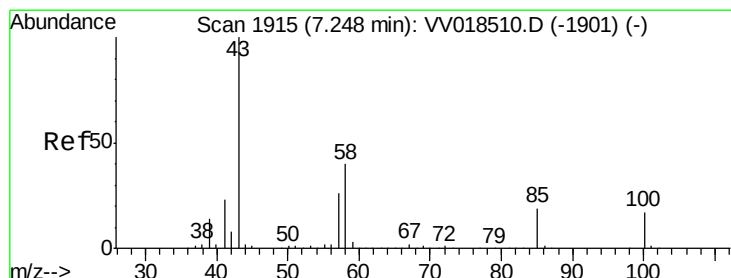
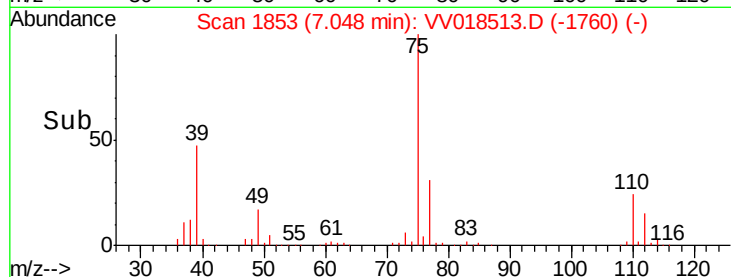
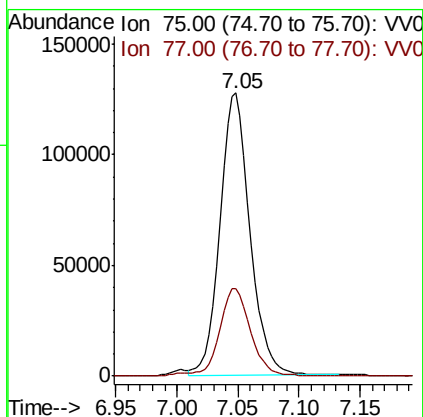
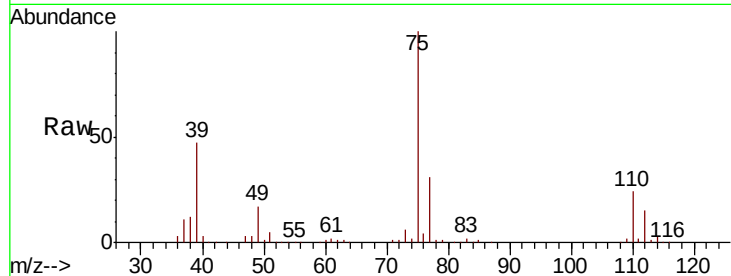




#39
 cis-1,3-Dichloropropene
 Concen: 50.172 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VV018513.D
 Acq: 29 Sep 2020 13:31

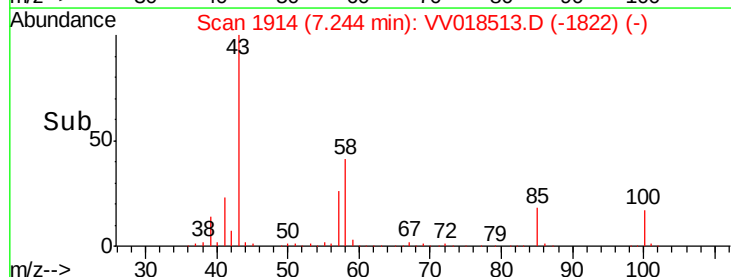
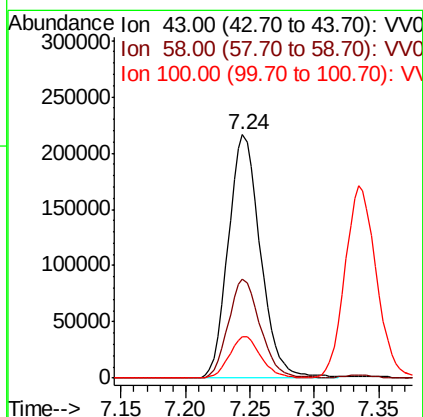
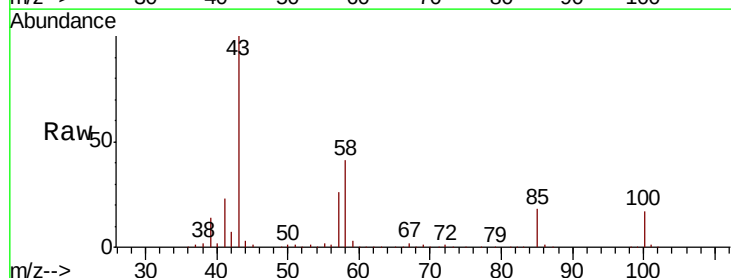
Instrument :
 MSVOA_V
 ClientSampled :
 VICV64

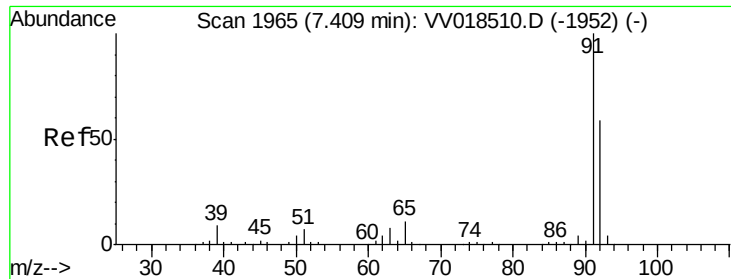
Tot Ion: 75 Resp: 220246
 Ion Ratio Lower Upper
 75 100
 77 31.1 23.0 42.6



#40
 4-Methyl-2-pentanone
 Concen: 104.067 ug/L
 RT: 7.24 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VV018513.D
 Acq: 29 Sep 2020 13:31

Tgt Ion: 43 Resp: 375717
 Ion Ratio Lower Upper
 43 100
 58 40.4 31.8 47.6
 100 16.7 13.4 20.0





#42

Toluene

Concen: 49.939 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

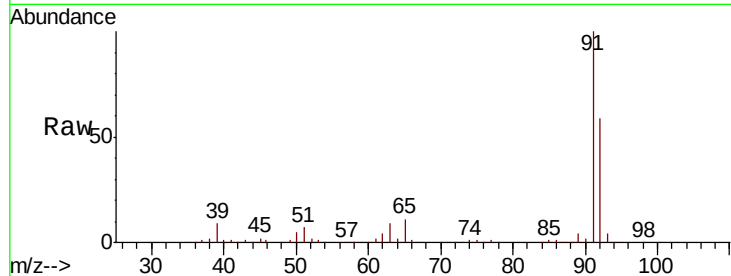
VICV64

Tot Ion: 91 Resp: 589157

Ion Ratio Lower Upper

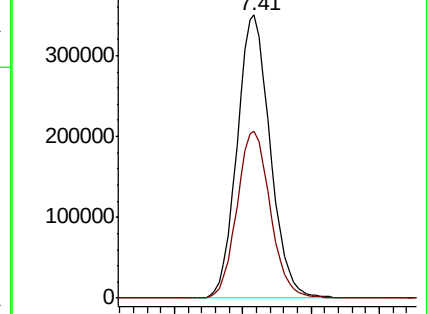
91 100

92 58.9 41.6 77.3

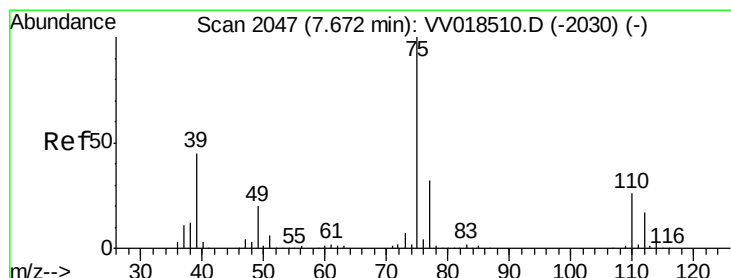
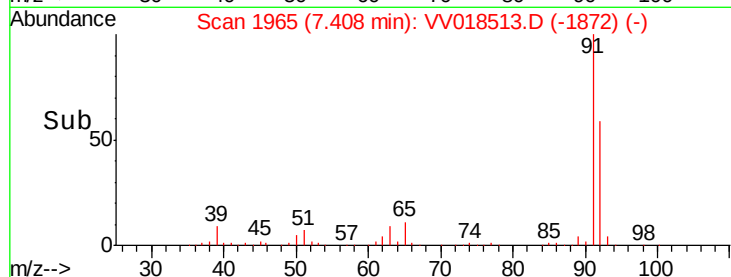


Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



Time-->



#44

trans-1,3-Dichloropropene

Concen: 51.652 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VV018513.D

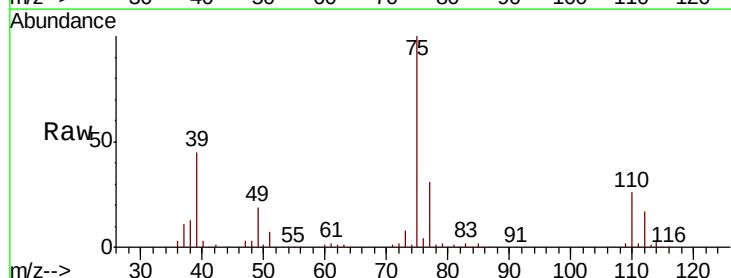
Acq: 29 Sep 2020 13:31

Tgt Ion: 75 Resp: 222734

Ion Ratio Lower Upper

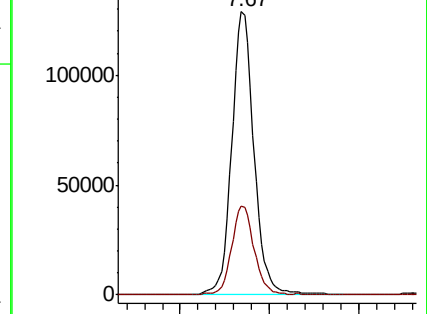
75 100

77 31.2 22.7 42.1

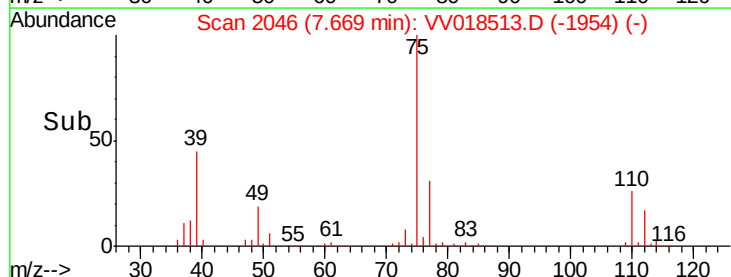


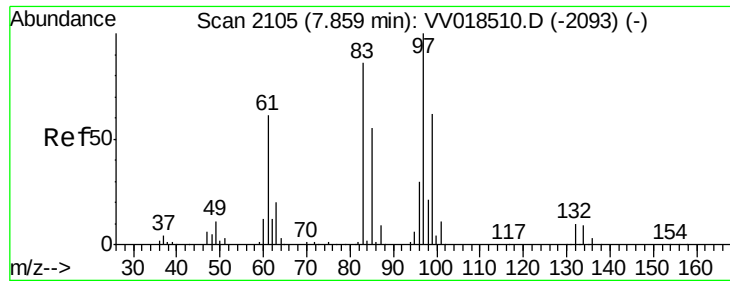
Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



Time-->

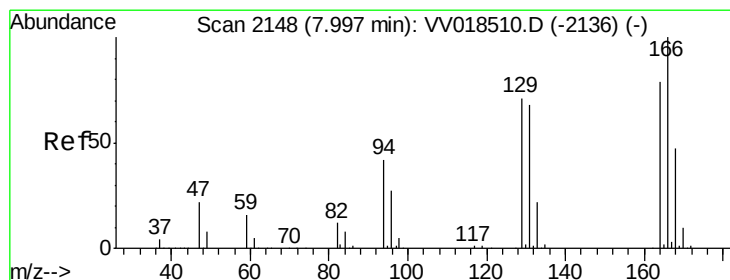
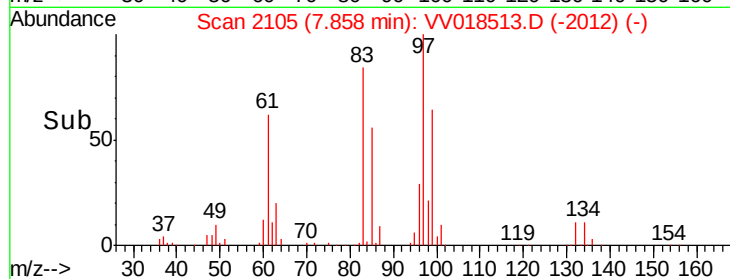
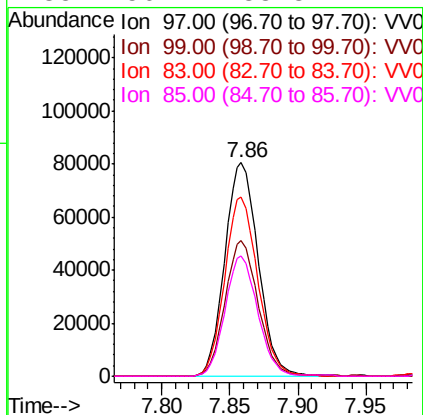
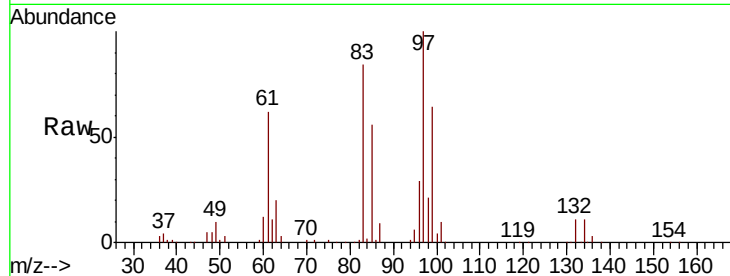




#45
 1,1,2-Trichloroethane
 Concen: 49.717 ug/L
 RT: 7.86 min Scan# 2105
 Delta R.T. -0.00 min
 Lab File: VV018513.D
 Acq: 29 Sep 2020 13:31

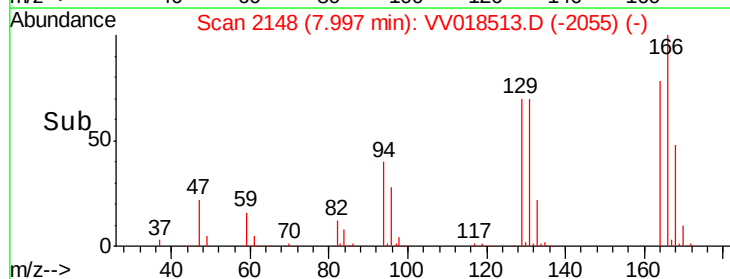
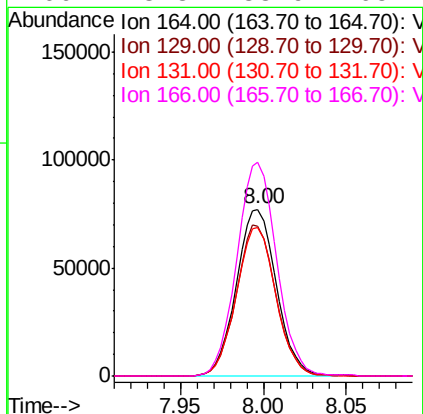
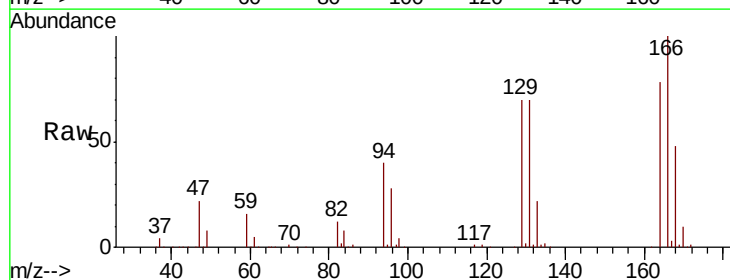
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

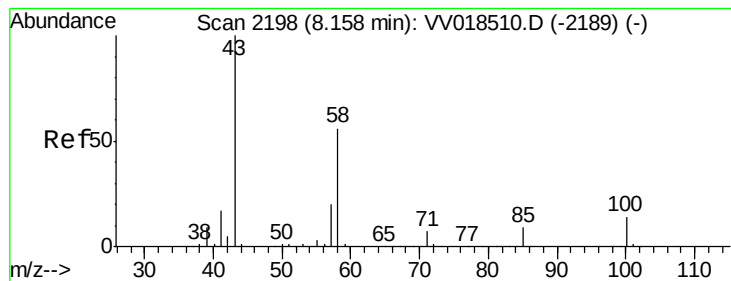
Tot Ion:	97	Resp:	137705
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.3	80.3
83	84.0	60.5	112.5
85	56.4	38.3	71.1



#46
 Tetrachloroethene
 Concen: 50.224 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV018513.D
 Acq: 29 Sep 2020 13:31

Tgt Ion:	164	Resp:	129003
Ion	Ratio	Lower	Upper
164	100		
129	90.3	62.8	116.6
131	89.2	60.8	112.8
166	128.3	88.9	165.1





#48

2-Hexanone

Concen: 106.125 ug/L

RT: 8.16 min Scan# 2198

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :
MSVOA_V
ClientSampleId :
VICV64

Tot Ion: 43 Resp: 298949

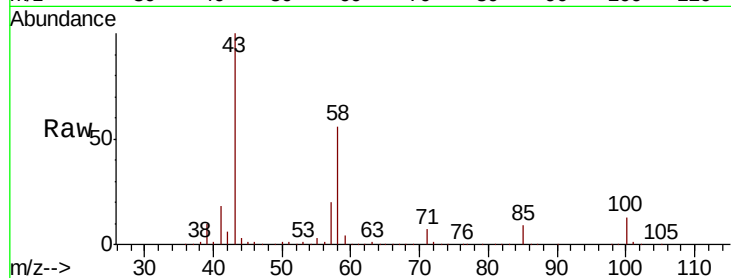
Ion Ratio Lower Upper

43 100

58 55.4 45.1 67.7

57 19.0 15.7 23.5

100 13.4 11.0 16.4

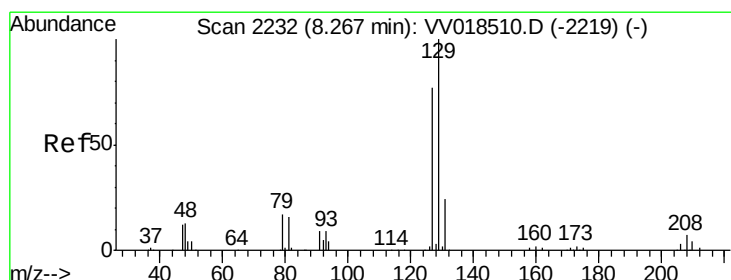
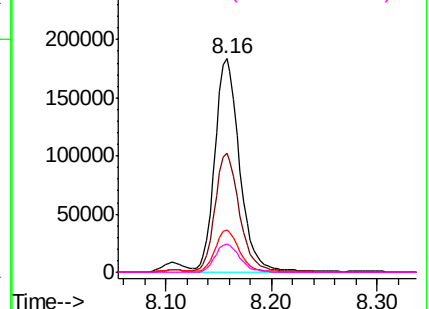
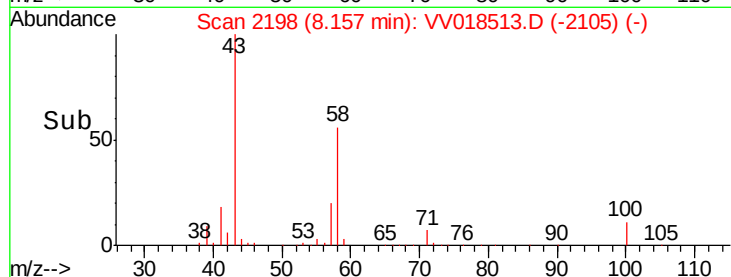


Abundance Ion 43.00 (42.70 to 43.70): VV018513.D (-2105) (-)

Ion 58.00 (57.70 to 58.70): VV018513.D (-2105) (-)

Ion 57.00 (56.70 to 57.70): VV018513.D (-2105) (-)

Ion 100.00 (99.70 to 100.70): VV018513.D (-2105) (-)



#49

Dibromochloromethane

Concen: 50.403 ug/L

RT: 8.27 min Scan# 2232

Delta R.T. -0.00 min

Lab File: VV018513.D

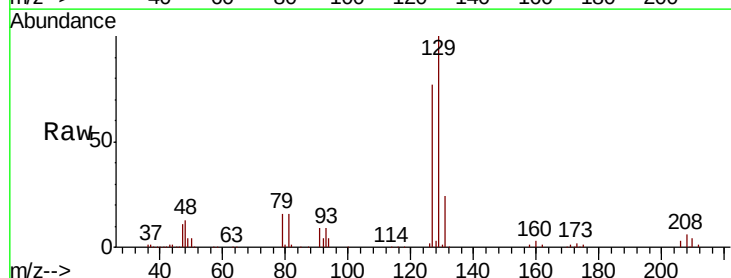
Acq: 29 Sep 2020 13:31

Tgt Ion: 129 Resp: 159678

Ion Ratio Lower Upper

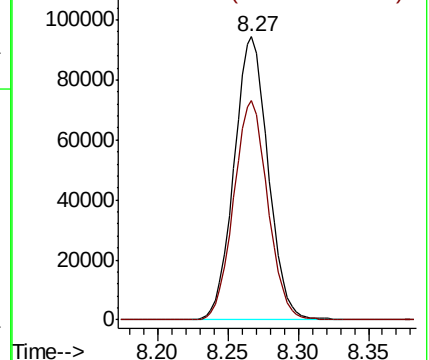
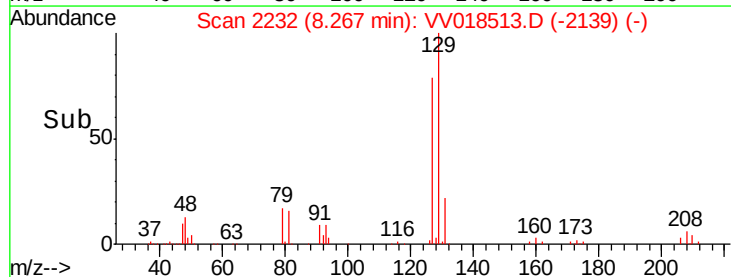
129 100

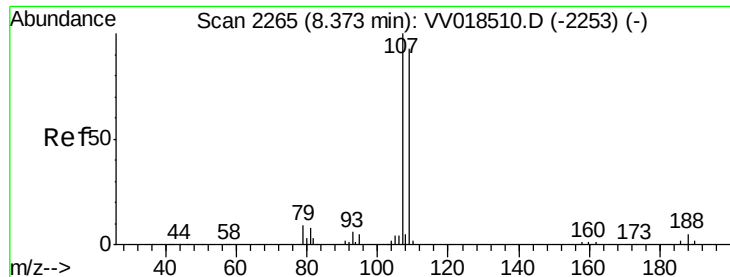
127 77.4 54.1 100.5



Abundance Ion 129.00 (128.70 to 129.70): VV018513.D (-2139) (-)

Ion 127.00 (126.70 to 127.70): VV018513.D (-2139) (-)

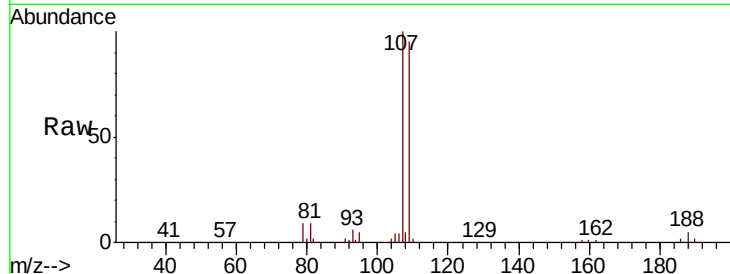




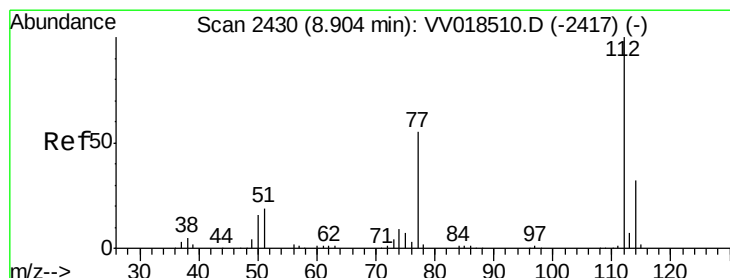
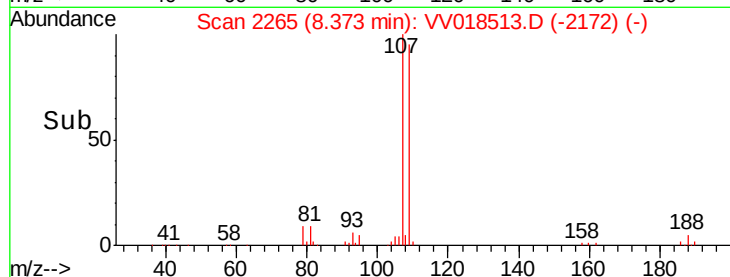
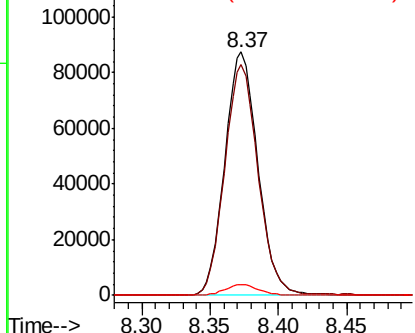
#50
1,2-Dibromoethane
Concen: 50.202 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. -0.00 min
Lab File: VV018513.D
Acq: 29 Sep 2020 13:31

Instrument :
MSVOA_V
ClientSampleId :
VICV64

Tot Ion:107 Resp: 147841
Ion Ratio Lower Upper
107 100
109 95.0 65.1 120.9
188 4.6 3.7 5.5

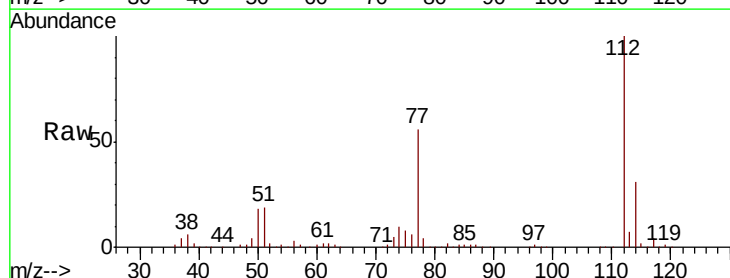


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

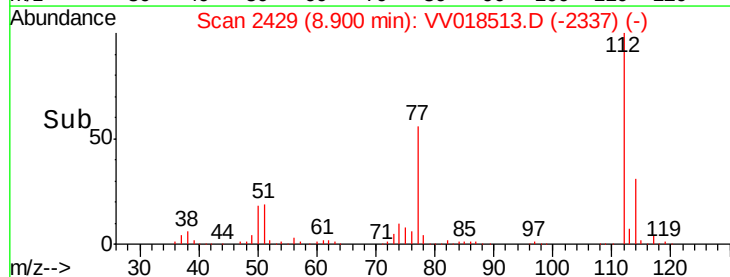
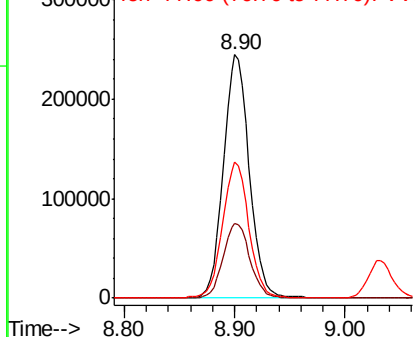


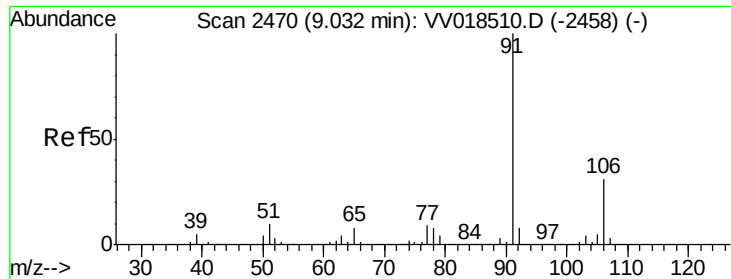
#51
Chlorobenzene
Concen: 49.746 ug/L
RT: 8.90 min Scan# 2429
Delta R.T. -0.00 min
Lab File: VV018513.D
Acq: 29 Sep 2020 13:31

Tgt Ion:112 Resp: 397028
Ion Ratio Lower Upper
112 100
114 30.9 22.4 41.6
77 55.8 44.8 67.2



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): VV0





#52

Ethylbenzene

Concen: 50.654 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

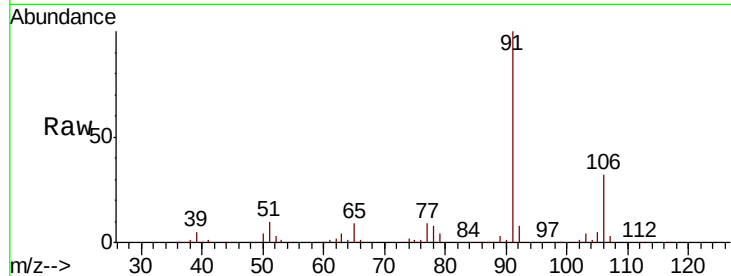
VICV64

Tot Ion: 91 Resp: 667368

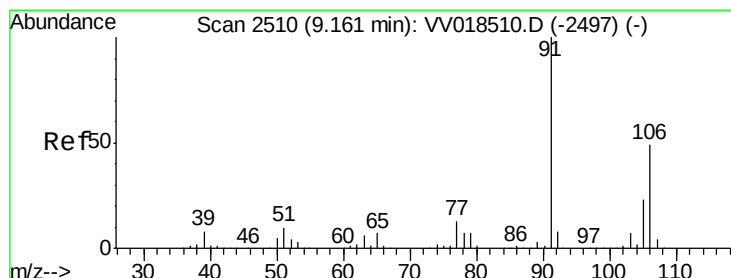
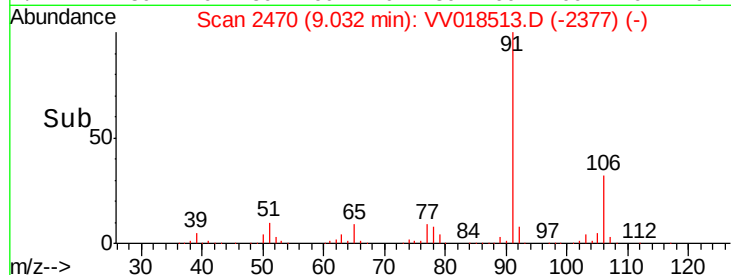
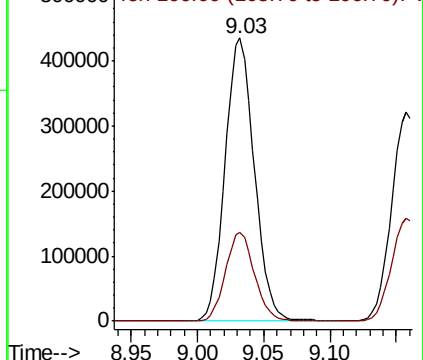
Ion Ratio Lower Upper

91 100

106 31.6 21.9 40.7



Abundance Ion 91.00 (90.70 to 91.70): VV018513.D (-2377) (-)



#53

m,p-Xylene

Concen: 50.625 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV018513.D

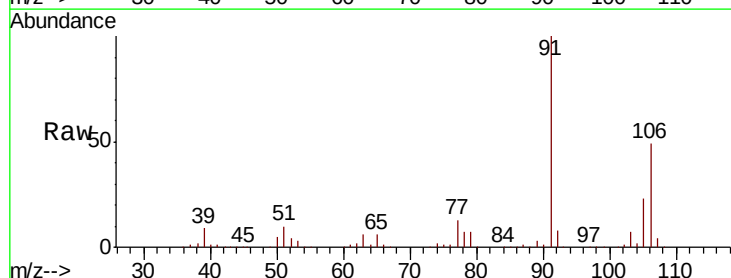
Acq: 29 Sep 2020 13:31

Tgt Ion: 106 Resp: 257766

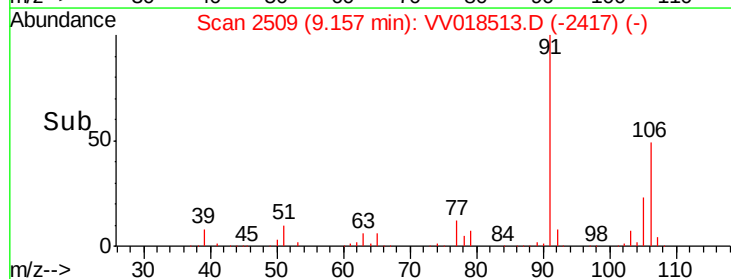
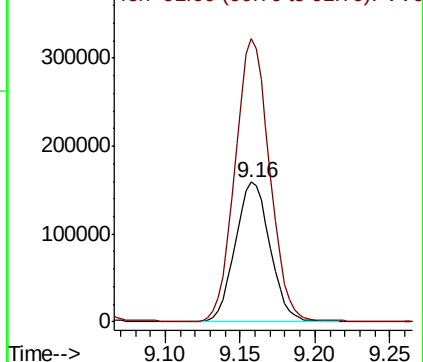
Ion Ratio Lower Upper

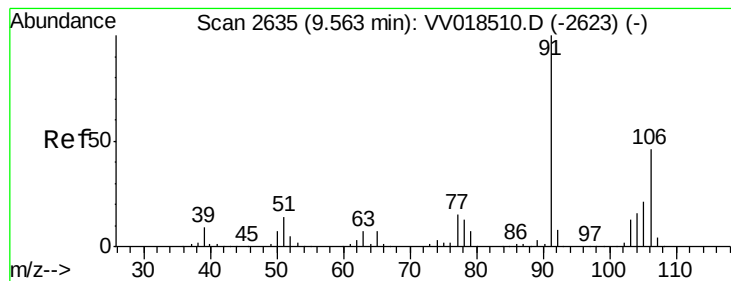
106 100

91 202.5 142.3 264.3



Abundance Ion 106.00 (105.70 to 106.70): VV018513.D (-2417) (-)





#54

o-xylene

Concen: 51.079 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

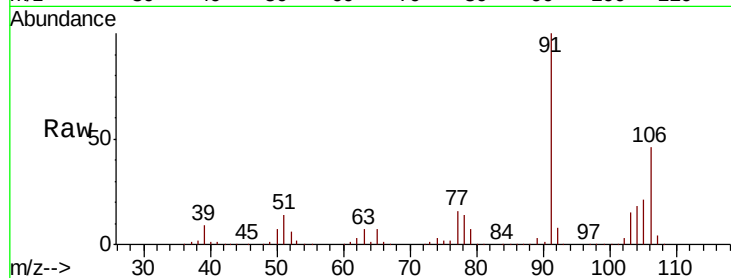
VICV64

Tot Ion:106 Resp: 246232

Ion Ratio Lower Upper

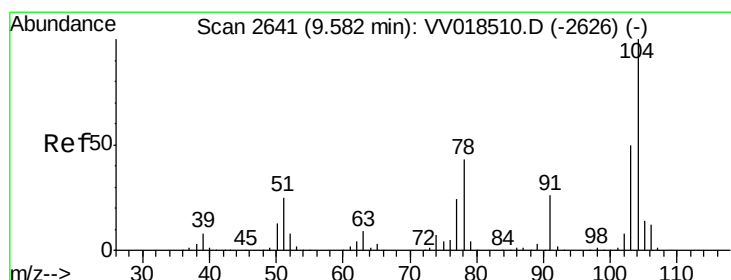
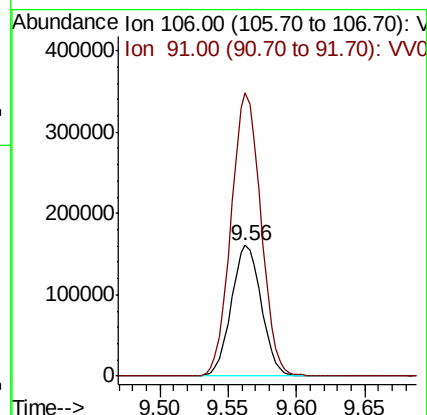
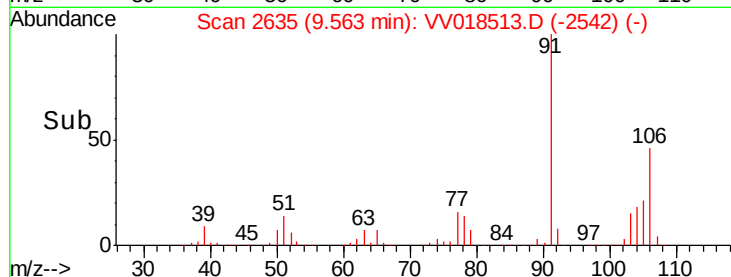
106 100

91 216.8 151.0 280.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 51.766 ug/L

RT: 9.58 min Scan# 2640

Delta R.T. -0.00 min

Lab File: VV018513.D

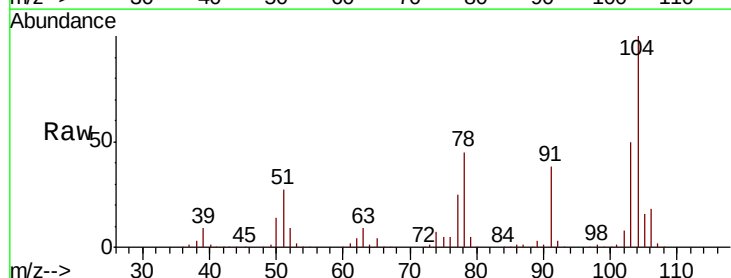
Acq: 29 Sep 2020 13:31

Tgt Ion:104 Resp: 434512

Ion Ratio Lower Upper

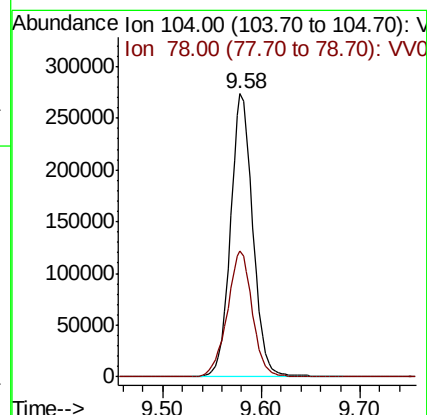
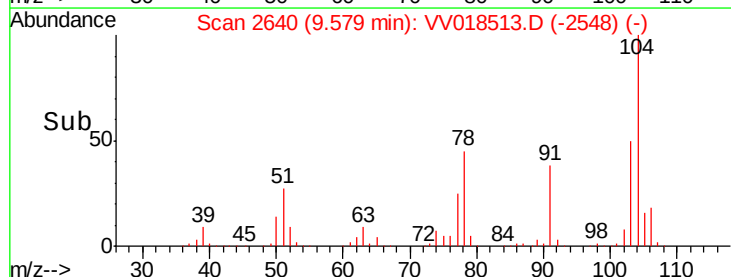
104 100

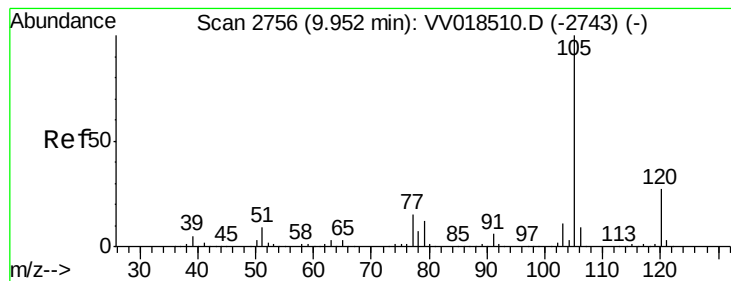
78 44.7 30.2 56.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 51.331 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampled :

VICV64

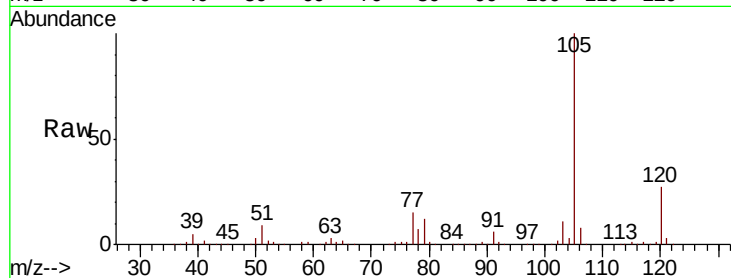
Tot Ion:105 Resp: 663621

Ion Ratio Lower Upper

105 100

120 26.6 21.5 32.3

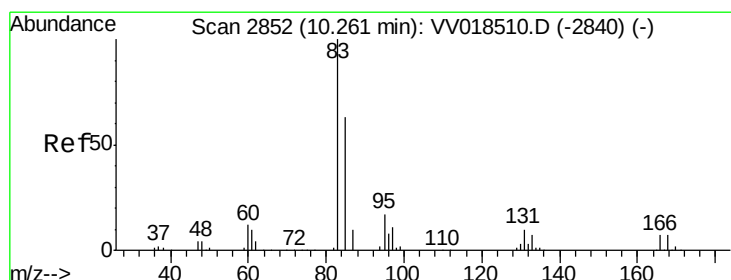
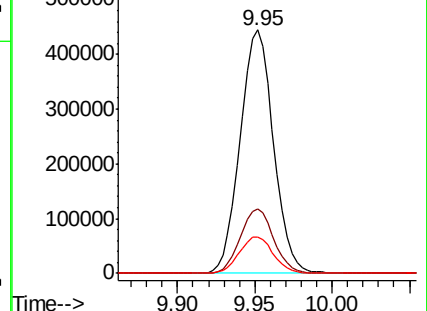
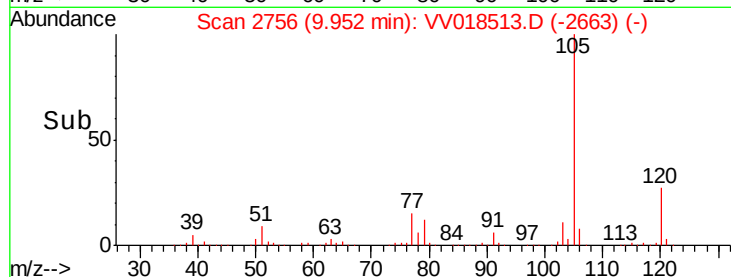
77 15.4 12.2 18.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 50.966 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

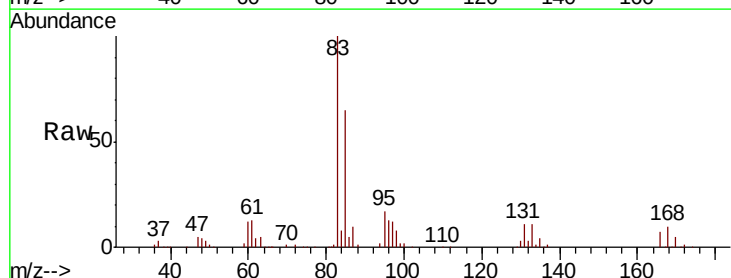
Tgt Ion: 83 Resp: 198978

Ion Ratio Lower Upper

83 100

85 65.0 44.5 82.7

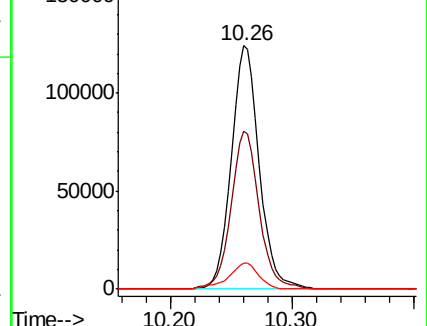
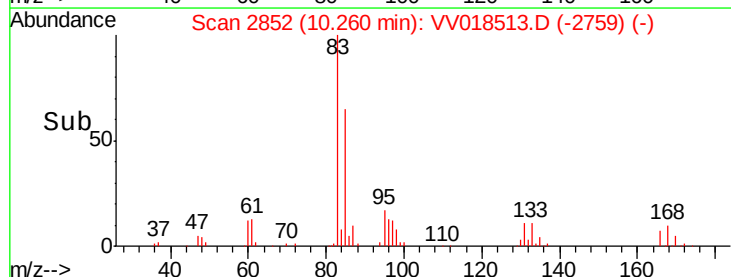
131 10.7 8.6 12.8

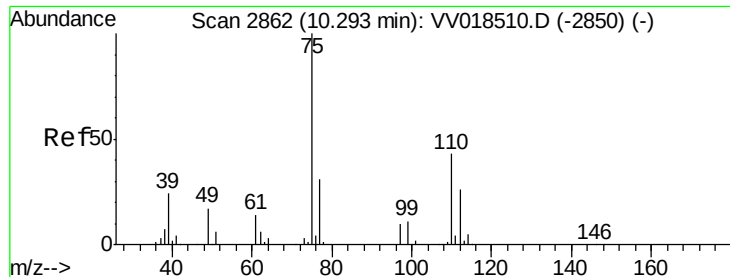


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 49.797 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

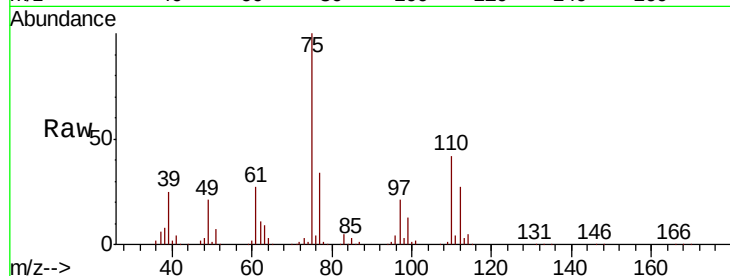
VICV64

Tot Ion: 75 Resp: 169473

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VV018510.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV018513.D (-2240) (-)

10.29

120000

100000

80000

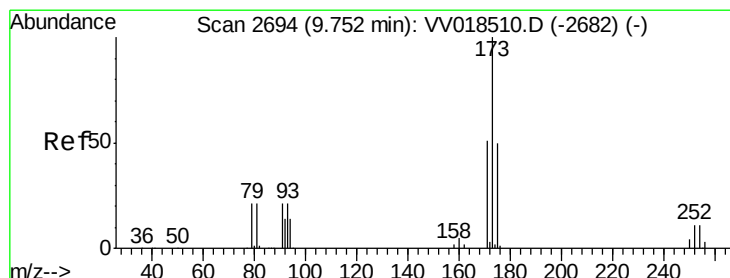
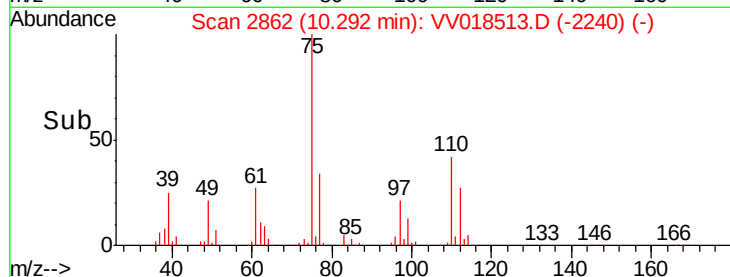
60000

40000

20000

0

Time-->



#61

Bromoform

Concen: 50.388 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

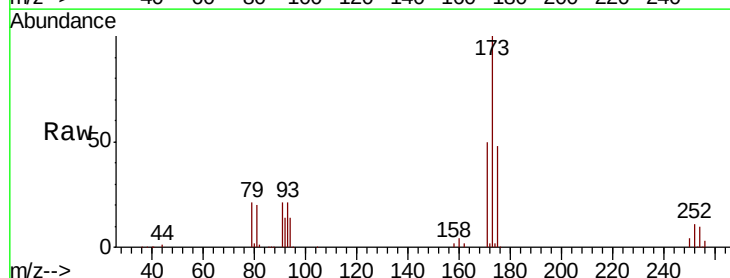
Tgt Ion: 173 Resp: 121541

Ion Ratio Lower Upper

173 100

175 48.4 39.8 59.8

254 10.4 8.5 12.7



Abundance Ion 173.00 (172.70 to 173.70): VV018510.D (-2682) (-)

Ion 175.00 (174.70 to 175.70): VV018513.D (-2601) (-)

Ion 254.00 (253.70 to 254.70): VV018513.D (-2601) (-)

9.75

100000

80000

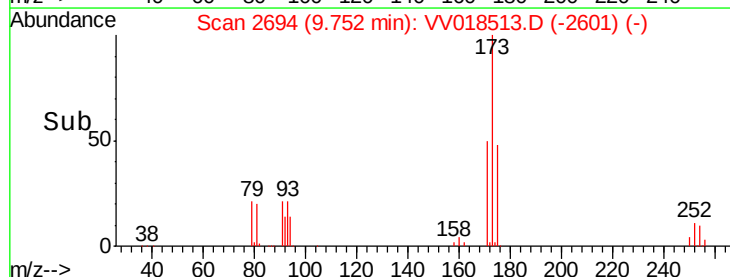
60000

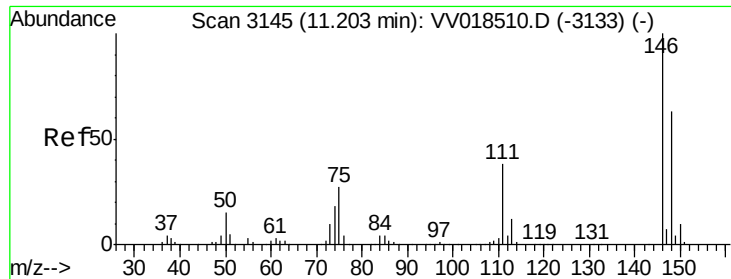
40000

20000

0

Time-->





#62

1,3-Dichlorobenzene

Concen: 49.649 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

MSVOA_V

ClientSampleId :

VICV64

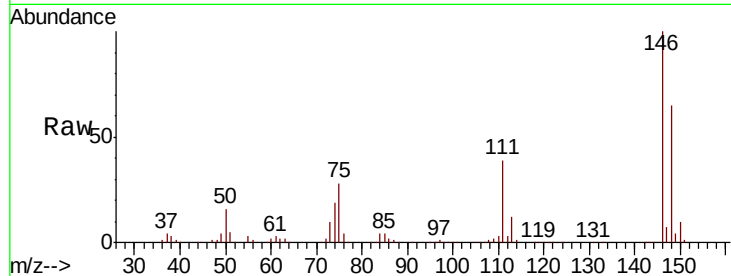
Tot Ion:146 Resp: 337406

Ion Ratio Lower Upper

146 100

111 38.9 26.8 49.8

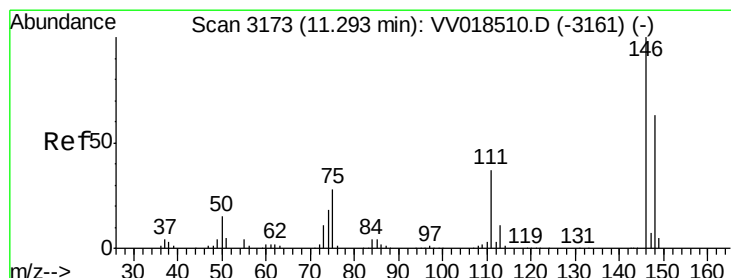
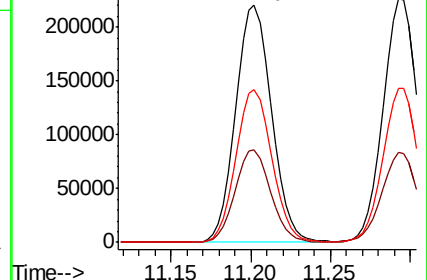
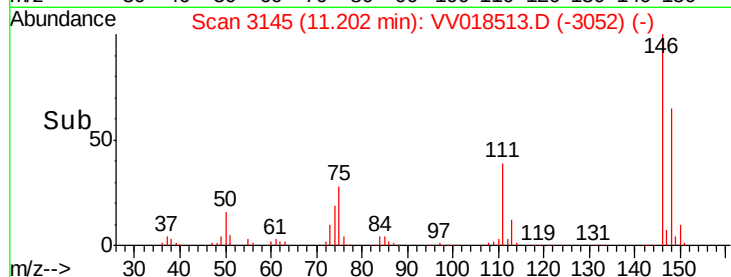
148 64.7 44.0 81.8



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: 49.471 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

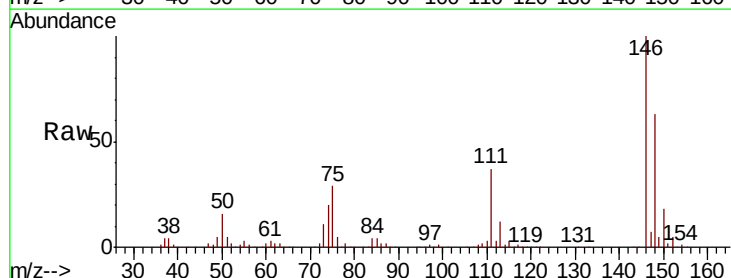
Tgt Ion:146 Resp: 346204

Ion Ratio Lower Upper

146 100

111 36.9 26.2 48.6

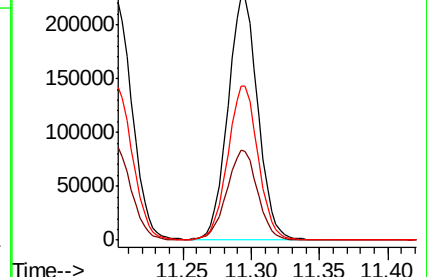
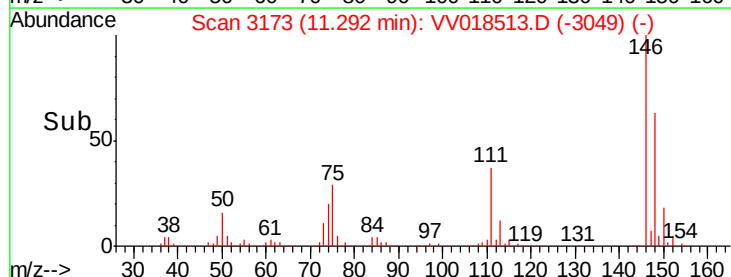
148 63.4 44.4 82.5

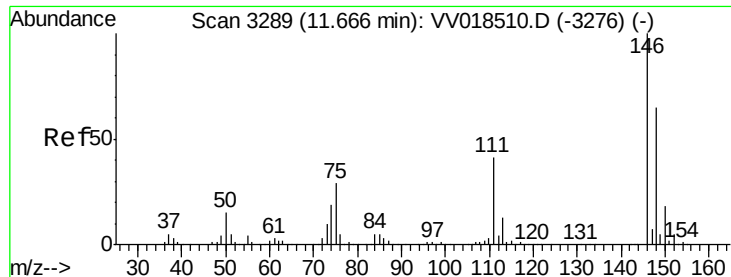


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

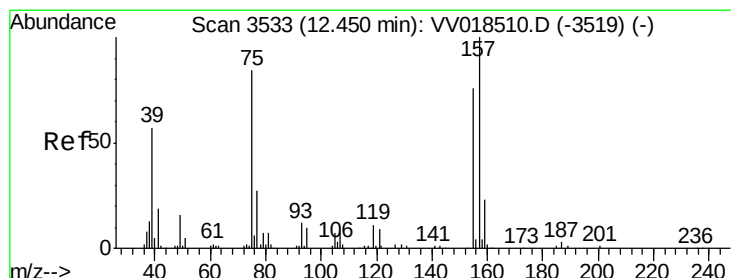
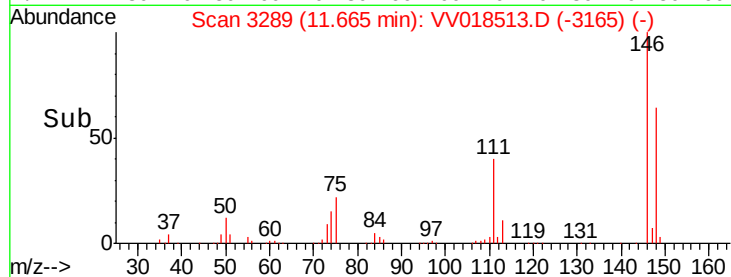
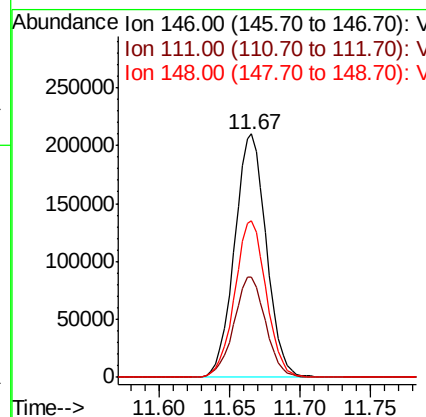
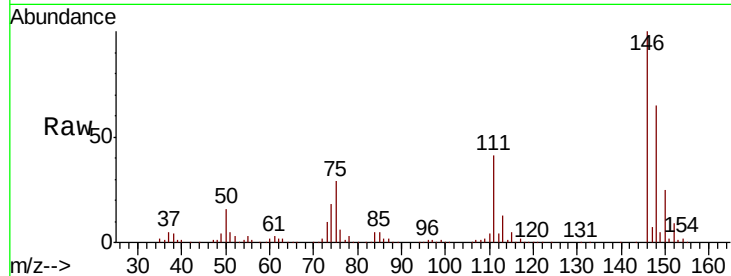




#65
 1,2-Dichlorobenzene
 Concen: 49.190 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. -0.00 min
 Lab File: VV018513.D
 Acq: 29 Sep 2020 13:31

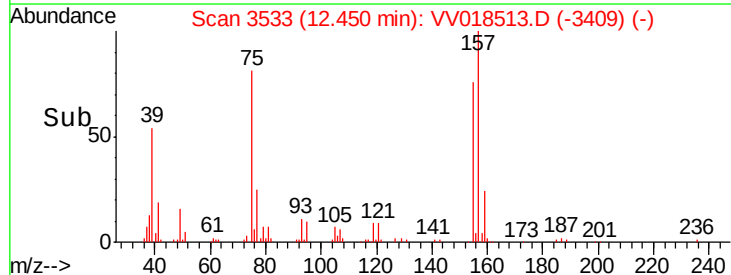
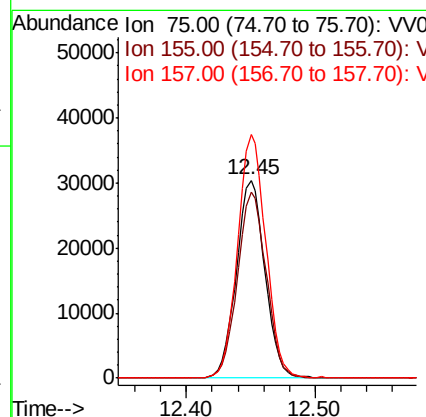
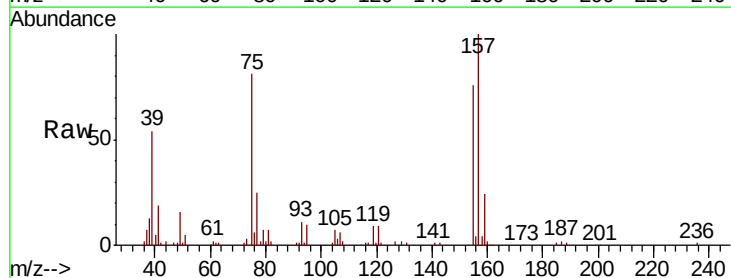
Instrument :
 MSVOA_V
 ClientSampled :
 VICV64

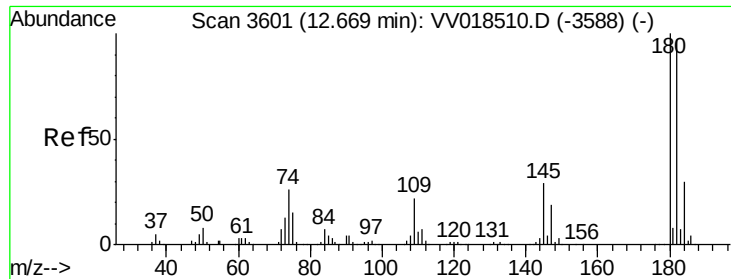
Tot Ion:146 Resp: 330711
 Ion Ratio Lower Upper
 146 100
 111 41.1 32.8 49.2
 148 64.6 51.9 77.9



#66
 1,2-Dibromo-3-chloropropane
 Concen: 51.089 ug/L
 RT: 12.45 min Scan# 3533
 Delta R.T. -0.00 min
 Lab File: VV018513.D
 Acq: 29 Sep 2020 13:31

Tgt Ion: 75 Resp: 46889
 Ion Ratio Lower Upper
 75 100
 155 94.1 73.0 109.6
 157 123.2 95.8 143.6

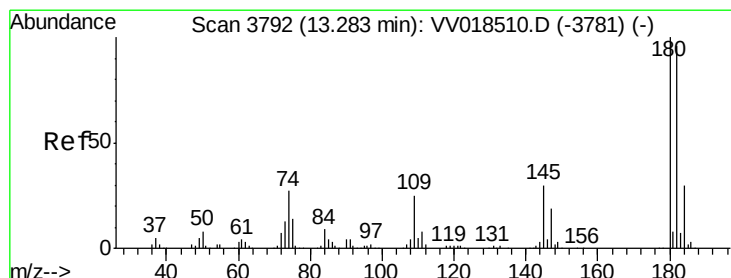
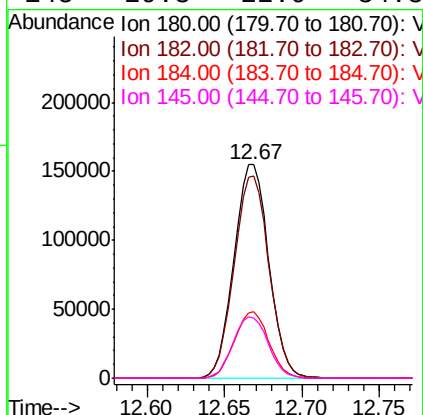
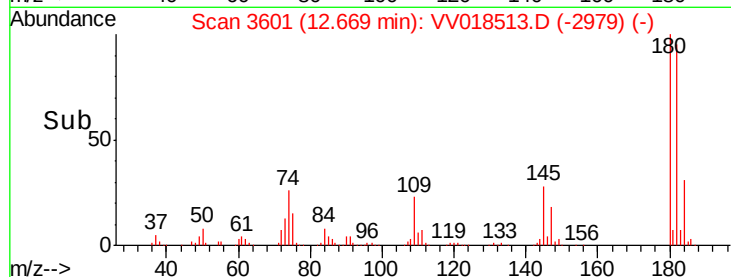
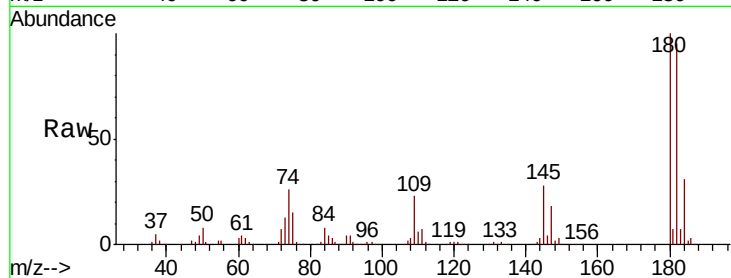




#67
 1,3,5-Trichlorobenzene
 Concen: 51.336 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. -0.00 min
 Lab File: VV018513.D
 Acq: 29 Sep 2020 13:31

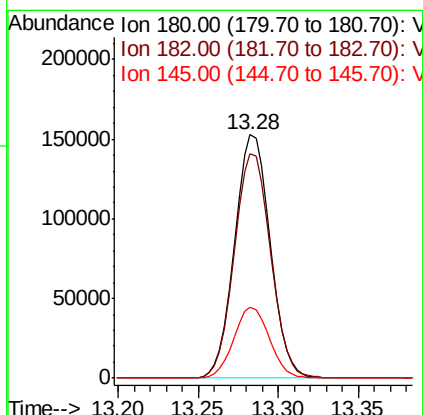
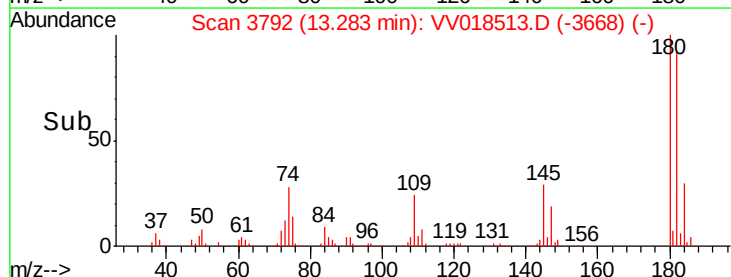
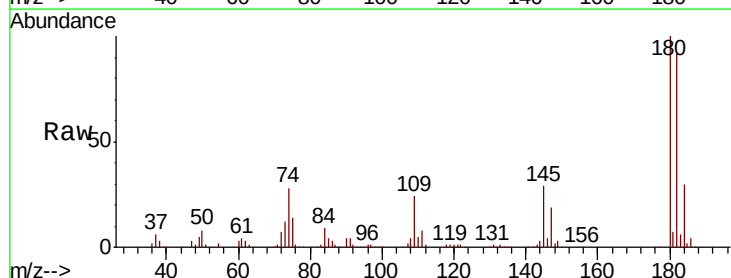
Instrument :
 MSVOA_V
 ClientSampleId :
 VICV64

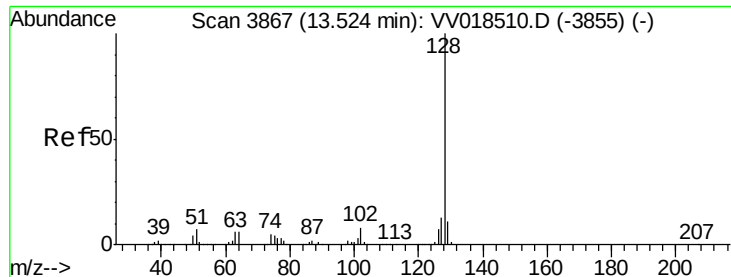
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.1	115.7
184	31.0	24.3	36.5
145	29.3	22.9	34.3



#68
 1,2,4-trichlorobenzene
 Concen: 52.766 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV018513.D
 Acq: 29 Sep 2020 13:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.3	114.5
145	29.0	23.6	35.4





#69

Naphthalene

Concen: 54.538 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. -0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Instrument :

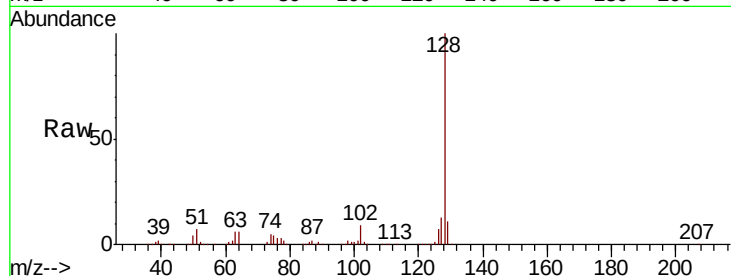
MSVOA_V

ClientSampleId :

VICV64

Tot Ion:128 Resp: 683880

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	12.8

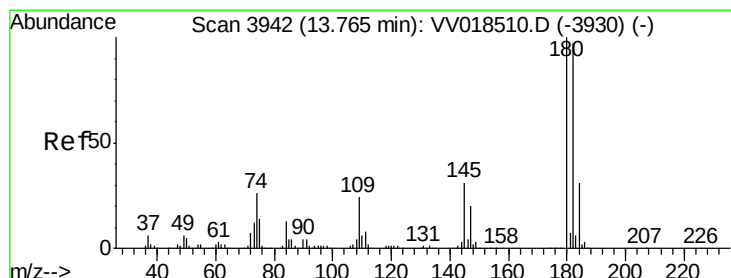
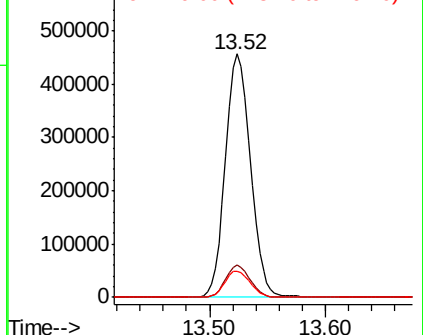
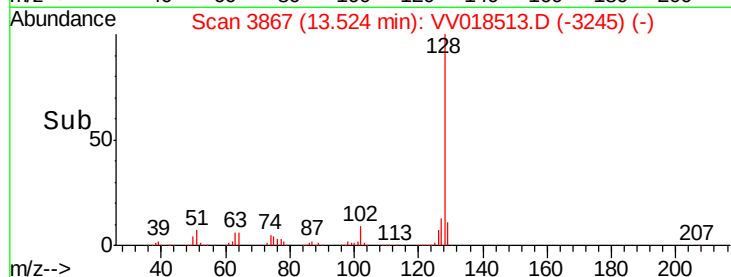


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 52.619 ug/L

RT: 13.77 min Scan# 3943

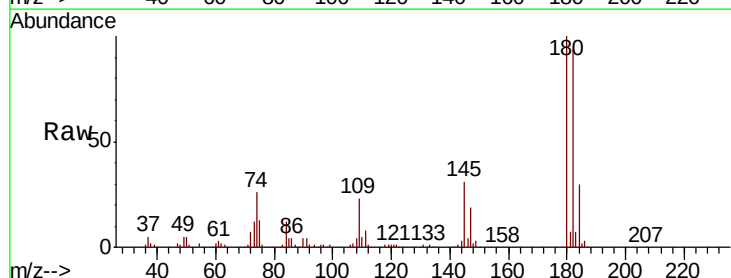
Delta R.T. 0.00 min

Lab File: VV018513.D

Acq: 29 Sep 2020 13:31

Tgt Ion:180 Resp: 231389

Ion	Ratio	Lower	Upper
180	100		
182	94.9	77.1	115.7
145	31.4	25.1	37.7



Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

