

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
 Data File : VV018245.D
 Acq On : 16 Sep 2020 18:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 17 04:40:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	306179	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	302857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166070	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94148	37.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.46%
7) Chloroethane-d5	1.58	69	77809	38.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.22%
11) 1,1-Dichloroethene-d2	2.12	63	186211	40.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.36%
21) 2-Butanone-d5	3.92	46	128264	83.98	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.98%
24) Chloroform-d	4.38	84	181244	41.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.74%
26) 1,2-Dichloroethane-d4	5.06	65	114073	41.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.20%
32) Benzene-d6	5.08	84	351766	40.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.14%
36) 1,2-Dichloropropane-d6	6.09	67	110786	40.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.44%
41) Toluene-d8	7.34	98	330844	41.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.74%
43) trans-1,3-Dichloropropene-	7.64	79	57221	40.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.76%
47) 2-Hexanone-d5	8.11	63	96386	92.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.37%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	153875	44.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	139929	41.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.06%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	103986	46.576	ug/L 99
3) Chloromethane	1.25	50	116657	47.852	ug/L 100
5) Vinyl chloride	1.32	62	117372	46.950	ug/L 98
6) Bromomethane	1.53	94	72617	47.524	ug/L 99
8) Chloroethane	1.60	64	75118	47.967	ug/L 100
9) Trichlorofluoromethane	1.77	101	165645	48.158	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	99324	48.073	ug/L 99
12) 1,1-Dichloroethene	2.13	96	96078	47.791	ug/L 99
13) Acetone	2.20	43	110402	90.273	ug/L 98
14) Carbon disulfide	2.31	76	281267	45.723	ug/L 100
15) Methyl Acetate	2.45	43	104248	47.432	ug/L 99
16) Methylene chloride	2.52	84	107414	47.641	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	97506	47.063	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	302778	47.243	ug/L 100
19) 1,1-Dichloroethane	3.21	63	186324	47.565	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	106219	47.960	ug/L 98
22) 2-Butanone	4.00	43	145765	100.654	ug/L 97

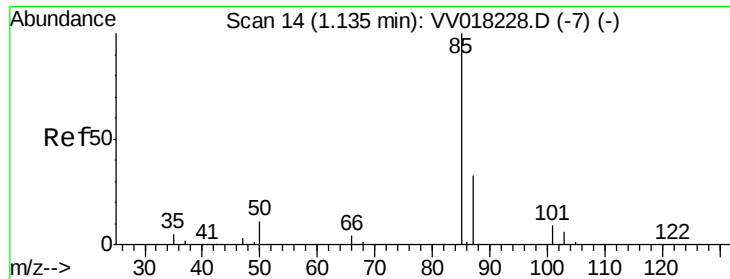
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091620\
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 Quant Title : VOC Analysis
 QLast Update : Thu Sep 17 04:38:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	55814	48.167	ug/L	97
25) Chloroform	4.40	83	188939	47.450	ug/L	99
27) 1,2-Dichloroethane	5.16	62	145469	47.191	ug/L	98
29) Cyclohexane	4.71	56	169361	48.428	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	168090	47.824	ug/L	100
31) Carbon tetrachloride	4.86	117	146016	47.246	ug/L	99
33) Benzene	5.13	78	412873	47.681	ug/L	100
34) Trichloroethene	5.94	95	105640	44.785	ug/L	99
35) Methylcyclohexane	6.15	83	171366	48.251	ug/L	100
37) 1,2-Dichloropropane	6.20	63	109538	47.738	ug/L	100
38) Bromodichloromethane	6.53	83	140260	46.973	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	168343	47.617	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	277567	99.713	ug/L	99
42) Toluene	7.41	91	445643	48.632	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	165637	48.119	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	101774	47.854	ug/L	98
46) Tetrachloroethene	8.00	164	88662	47.939	ug/L	99
48) 2-Hexanone	8.16	43	215535	98.212	ug/L	100
49) Dibromochloromethane	8.27	129	114477	47.954	ug/L	99
50) 1,2-Dibromoethane	8.37	107	108153	48.319	ug/L	100
51) Chlorobenzene	8.90	112	286063	48.069	ug/L	99
52) Ethylbenzene	9.03	91	492075	49.186	ug/L	100
53) m,p-Xylene	9.16	106	184094	49.300	ug/L	96
54) o-xylene	9.56	106	178084	49.502	ug/L	98
55) Styrene	9.58	104	319743	51.136	ug/L	100
56) Isopropylbenzene	9.95	105	483922	49.912	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	164346	52.240	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	130880	48.496	ug/L	99
61) Bromoform	9.75	173	86488	48.478	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	234897	47.567	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	242592	47.794	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	234962	47.073	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	35737	50.737	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	182452	46.866	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	168538	48.615	ug/L	99
69) Naphthalene	13.52	128	488074	55.640	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	171064	50.099	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 46.576 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

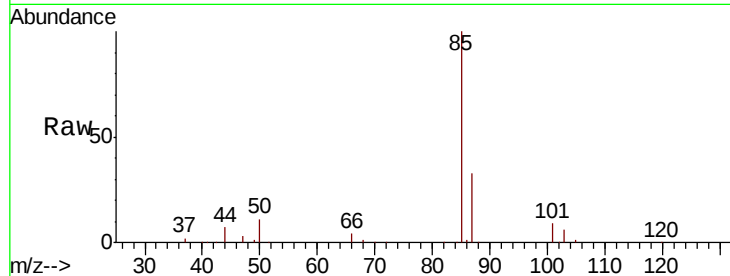
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 85 Resp: 103986

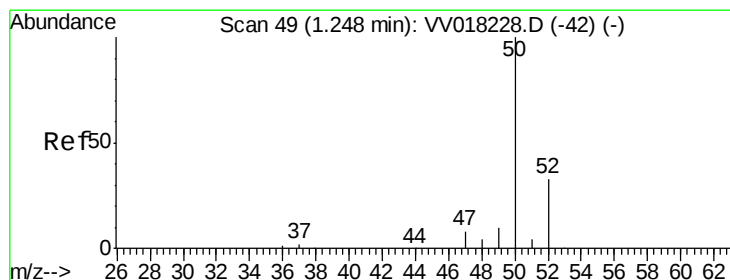
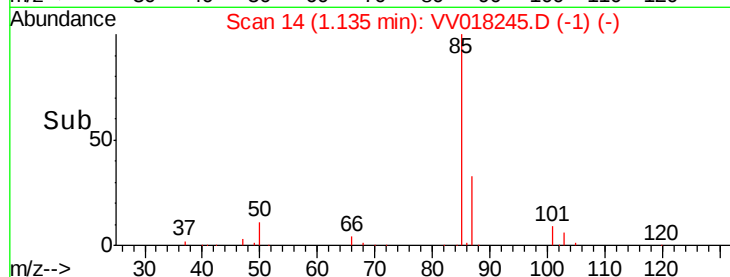
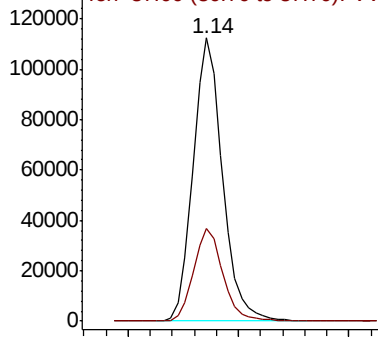
Ion Ratio Lower Upper

85 100

87 32.4 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV0
Ion 87.00 (86.70 to 87.70): VV0



#3

Chloromethane

Concen: 47.852 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV018245.D

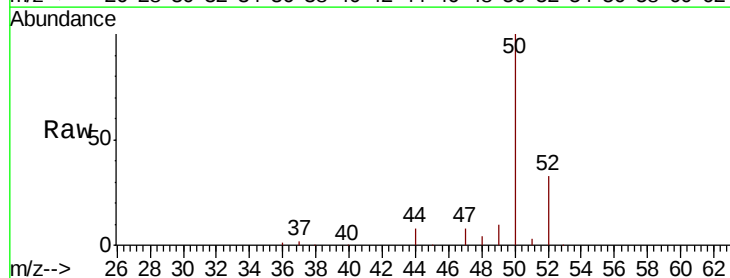
Acq: 16 Sep 2020 18:49

Tgt Ion: 50 Resp: 116657

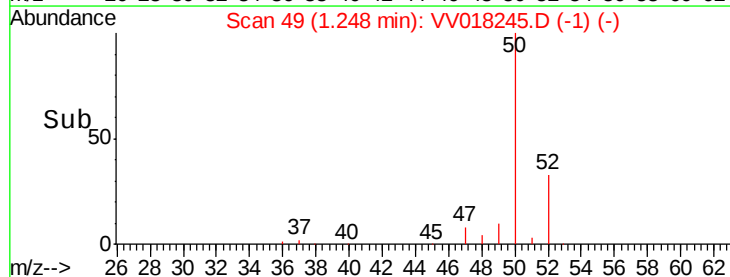
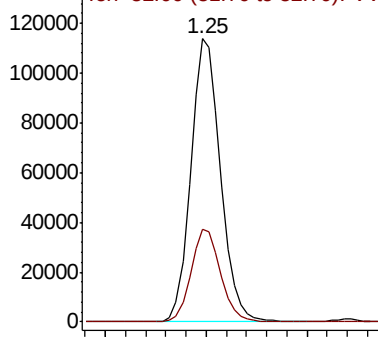
Ion Ratio Lower Upper

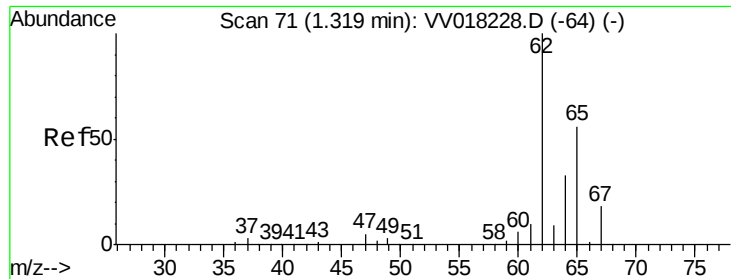
50 100

52 32.7 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV0
Ion 52.00 (51.70 to 52.70): VV0





#5

Vinyl chloride

Concen: 46.950 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

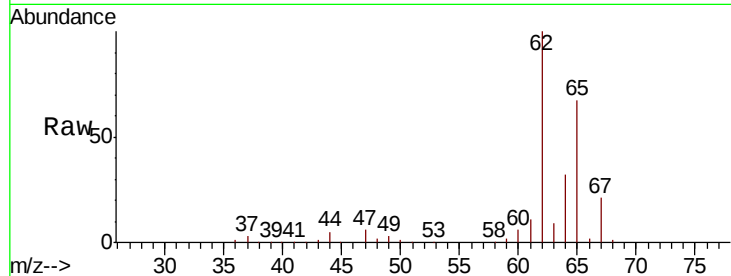
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 117372

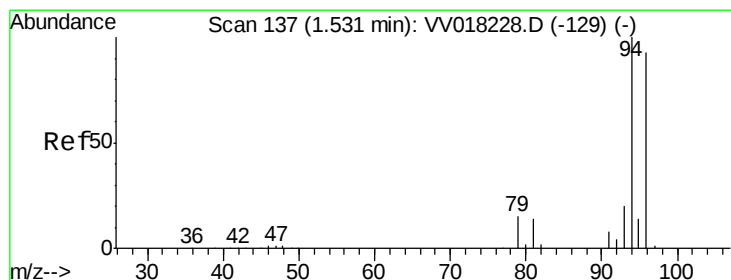
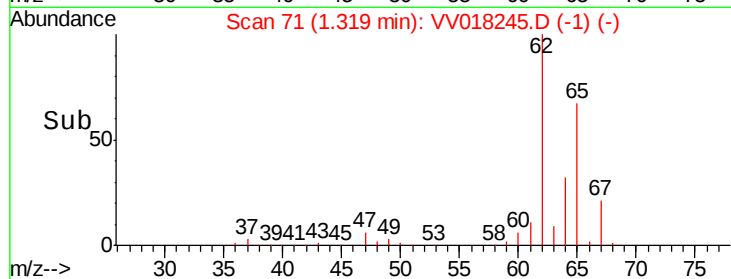
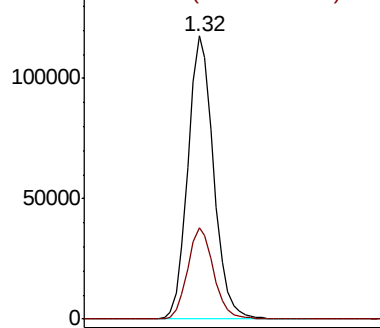
Ion Ratio Lower Upper

62 100

64 32.1 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0
Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 47.524 ug/L

RT: 1.53 min Scan# 137

Delta R.T. 0.00 min

Lab File: VV018245.D

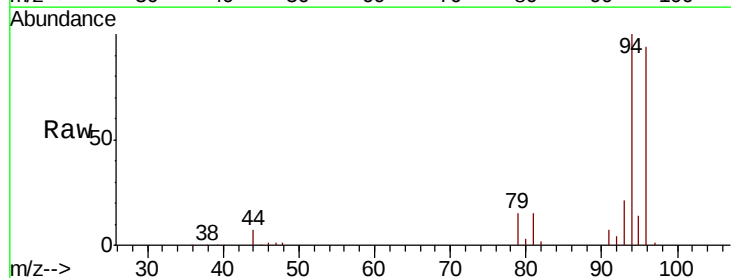
Acq: 16 Sep 2020 18:49

Tgt Ion: 94 Resp: 72617

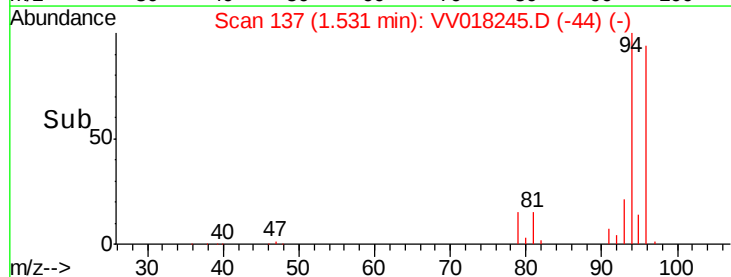
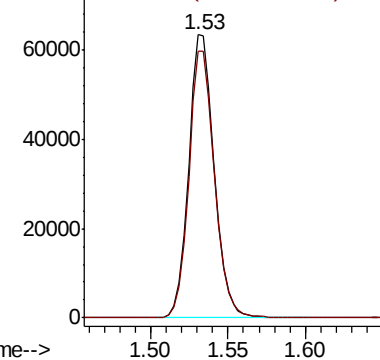
Ion Ratio Lower Upper

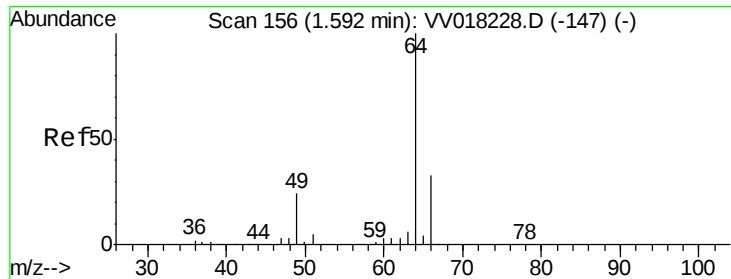
94 100

96 94.4 65.1 120.9



Abundance Ion 94.00 (93.70 to 94.70): VV0
Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 47.967 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

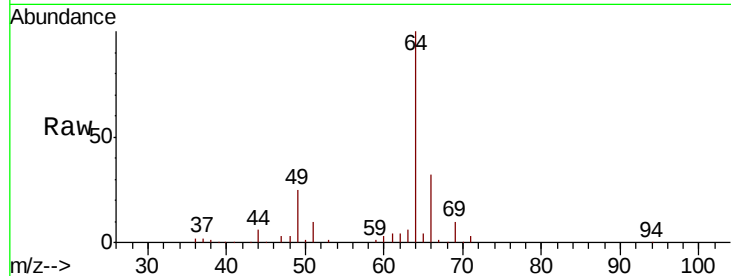
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 75118

Ion Ratio Lower Upper

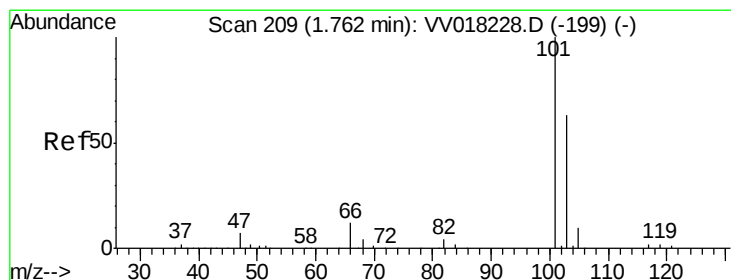
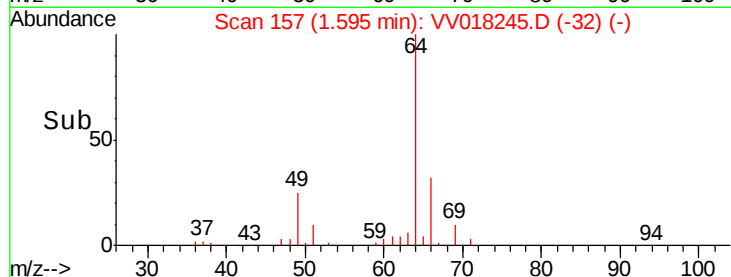
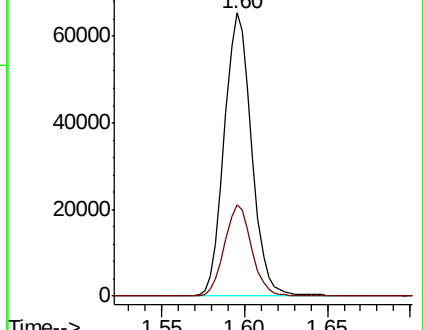
64 100

66 32.4 22.5 41.7



Abundance Ion 64.00 (63.70 to 64.70): VV018228.D (-147) (-)

Ion 66.00 (65.70 to 66.70): VV018228.D (-147) (-)



#9

Trichlorofluoromethane

Concen: 48.158 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV018245.D

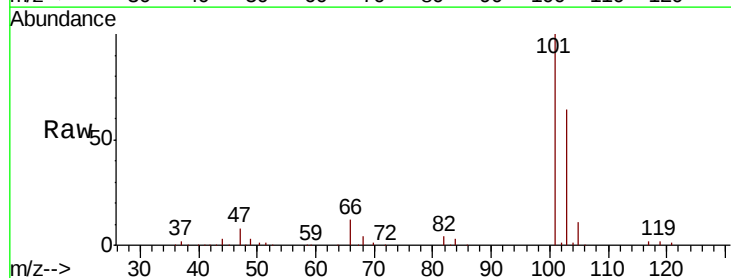
Acq: 16 Sep 2020 18:49

Tgt Ion:101 Resp: 165645

Ion Ratio Lower Upper

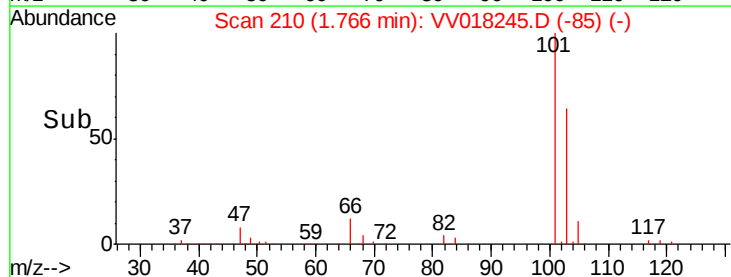
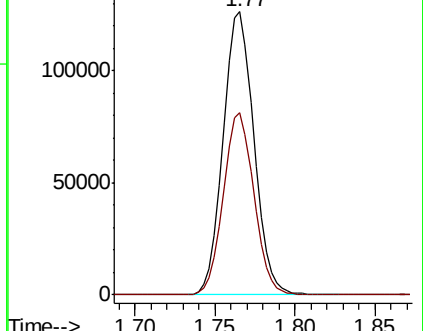
101 100

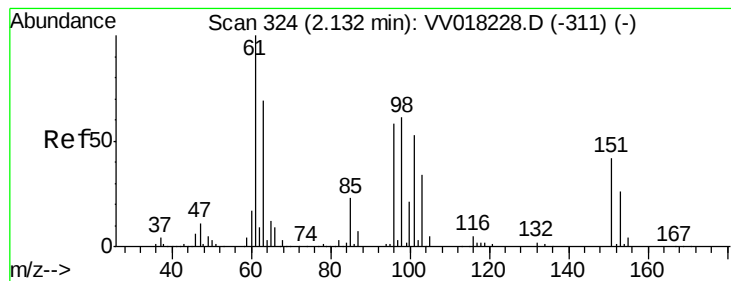
103 64.0 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): VV018228.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV018228.D (-199) (-)





#10

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

Concen: 48.073 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

Instrument :

MSVOA_V

ClientSampled :

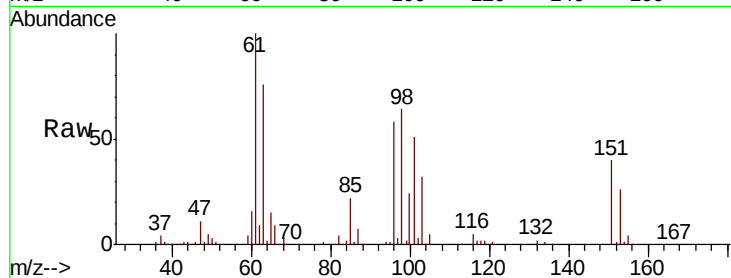
Tot Ion:101 Resp: 99324

Ion Ratio Lower Upper

101 100

85 42.5 33.5 50.3

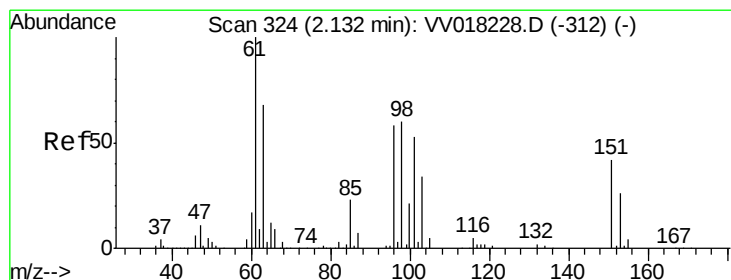
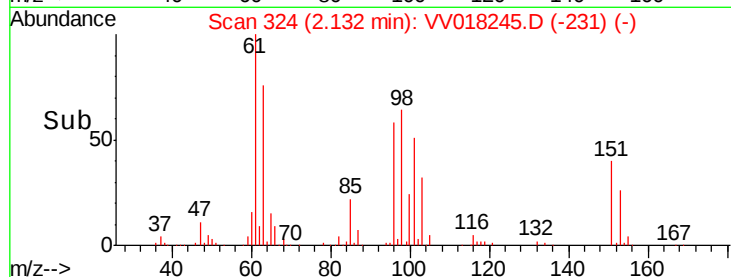
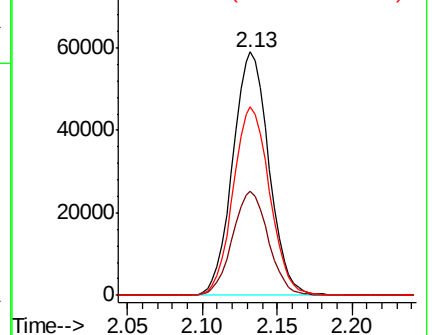
151 78.1 62.2 93.2



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: 47.791 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

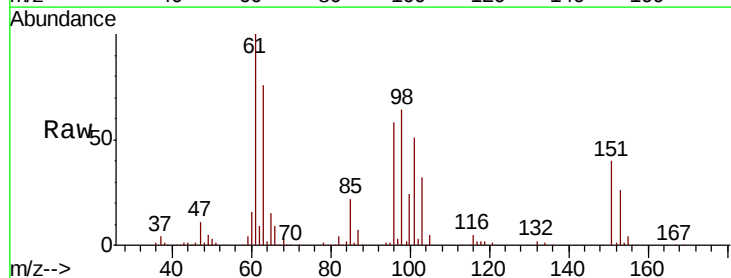
Tgt Ion: 96 Resp: 96078

Ion Ratio Lower Upper

96 100

61 172.6 122.9 228.3

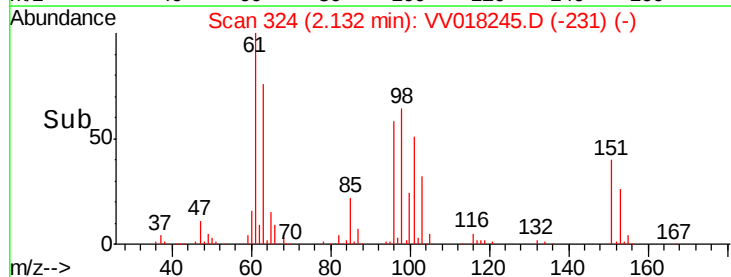
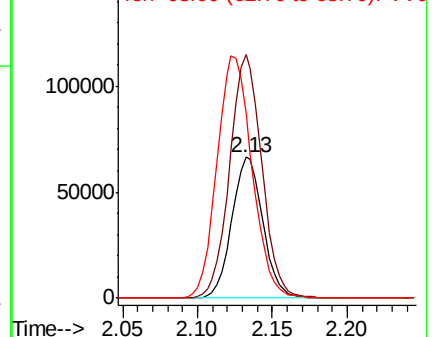
63 130.9 91.9 170.7

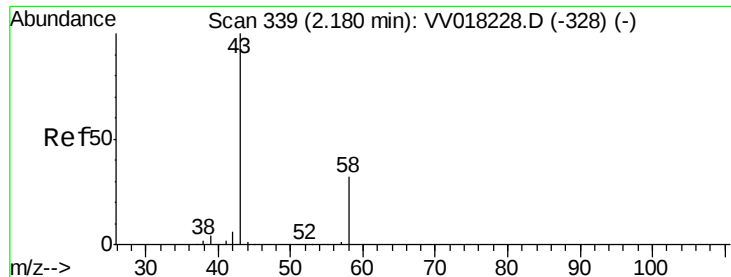


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 90.273 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.02 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

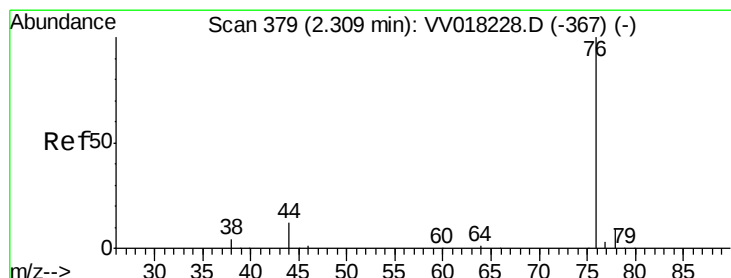
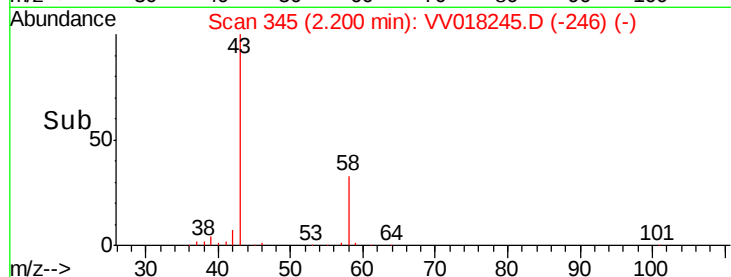
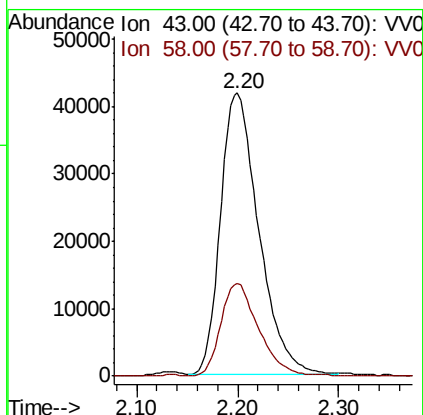
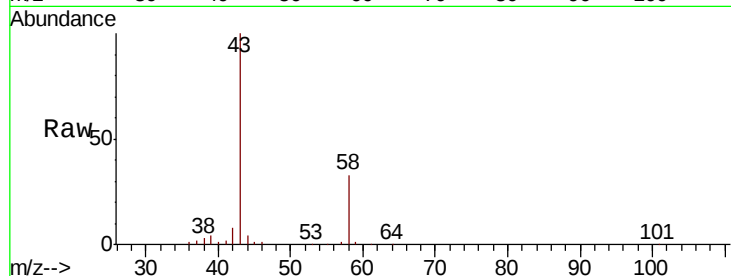
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 110402

Ion Ratio Lower Upper

43 100

58 32.8 0.0 67.4



#14

Carbon disulfide

Concen: 45.723 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV018245.D

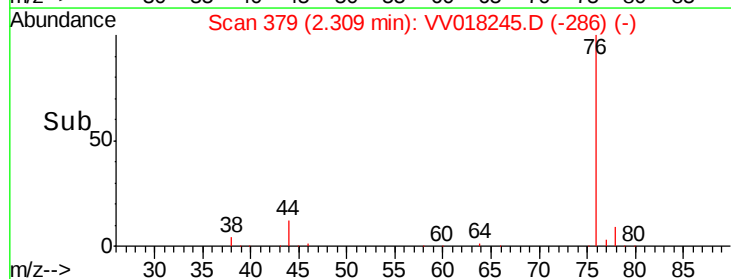
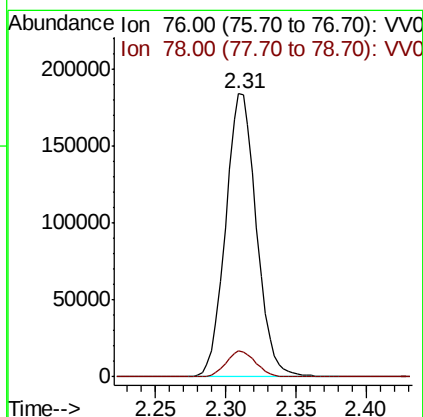
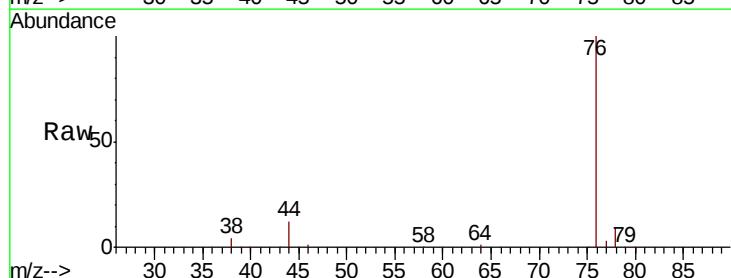
Acq: 16 Sep 2020 18:49

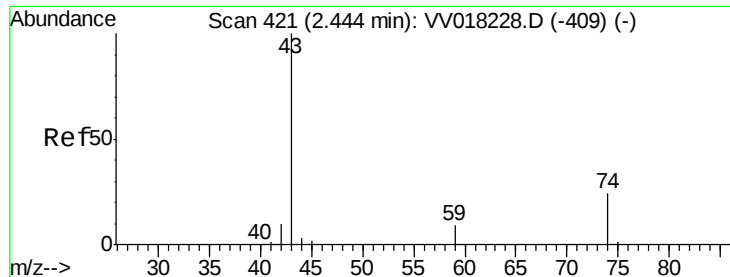
Tgt Ion: 76 Resp: 281267

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

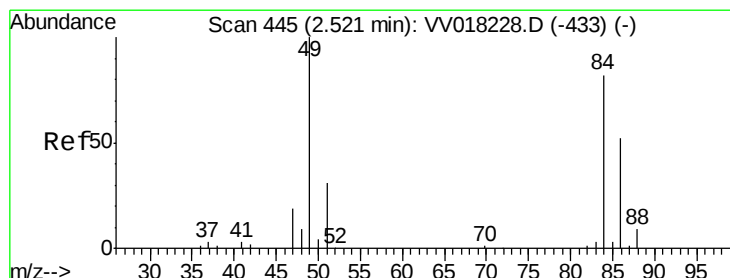
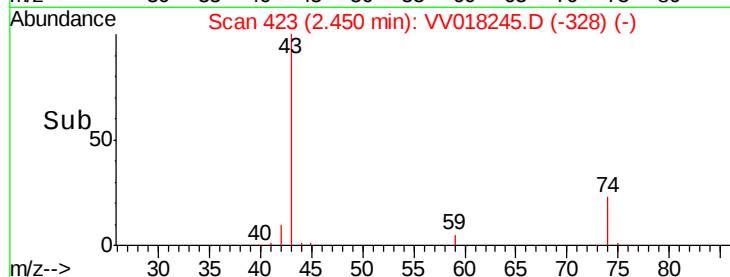
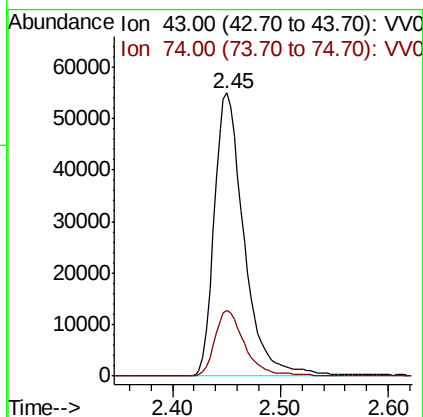
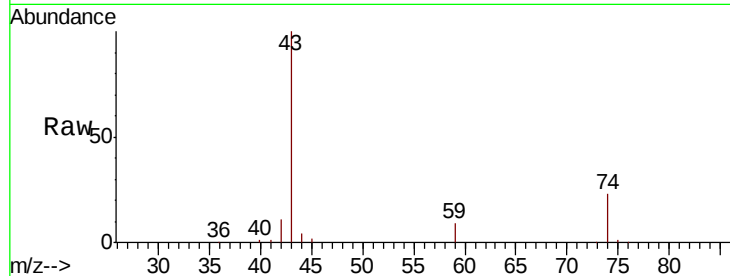




#15
Methvl Acetate
Concen: 47.432 ug/L
RT: 2.45 min Scan# 423
Delta R.T. 0.01 min
Lab File: VV018245.D
Acq: 16 Sep 2020 18:49

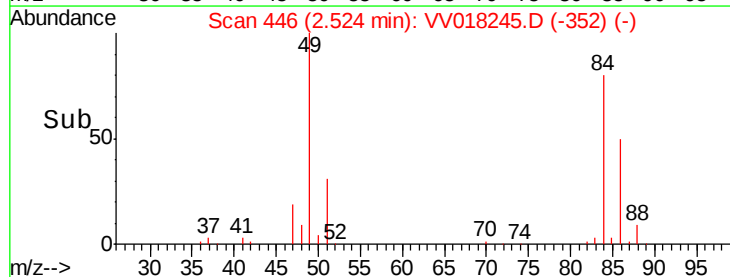
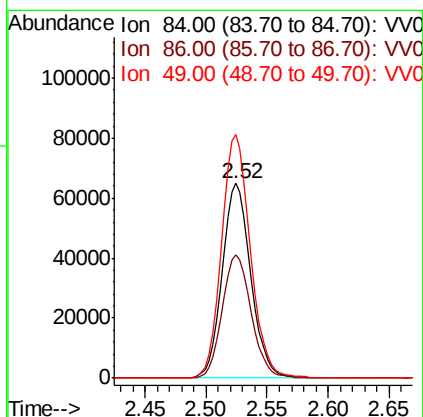
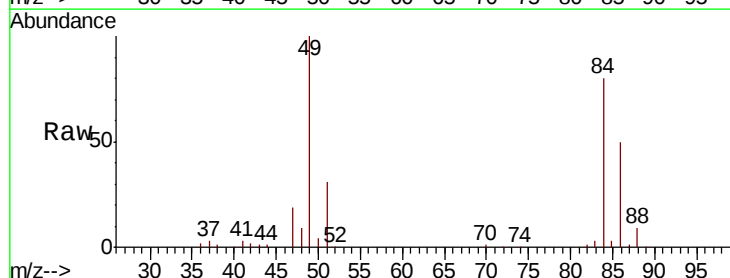
Instrument :
MSVOA_V
ClientSampleId :

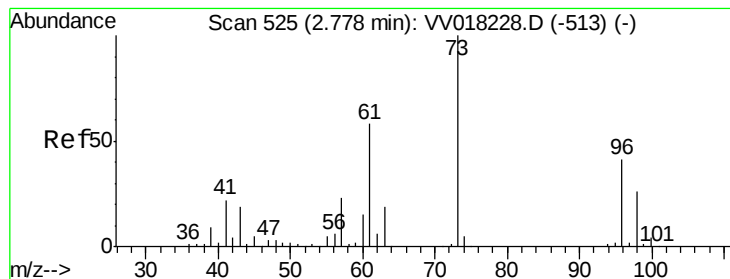
Tot Ion: 43 Resp: 104248
Ion Ratio Lower Upper
43 100
74 23.6 18.4 27.6



#16
Methylene chloride
Concen: 47.641 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV018245.D
Acq: 16 Sep 2020 18:49

Tgt Ion: 84 Resp: 107414
Ion Ratio Lower Upper
84 100
86 63.1 44.4 82.4
49 125.0 87.2 162.0





#17

trans-1,2-Dichloroethene

Concen: 47.063 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

Instrument :
MSVOA_V
ClientSampled :

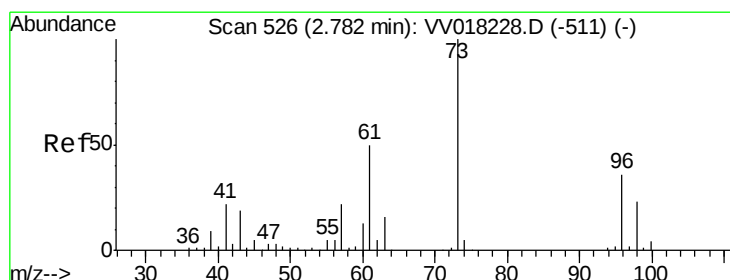
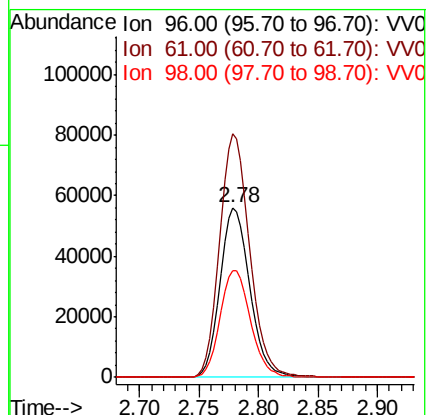
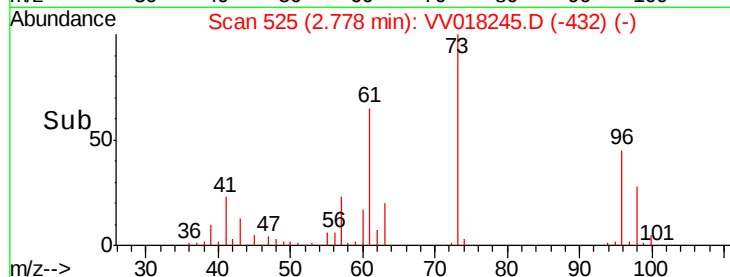
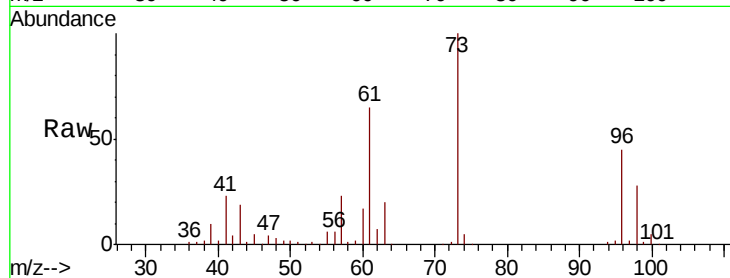
Tot Ion: 96 Resp: 97506

Ion Ratio Lower Upper

96 100

61 143.6 100.7 186.9

98 63.0 45.2 84.0



#18

Methyl tert-butyl Ether

Concen: 47.243 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

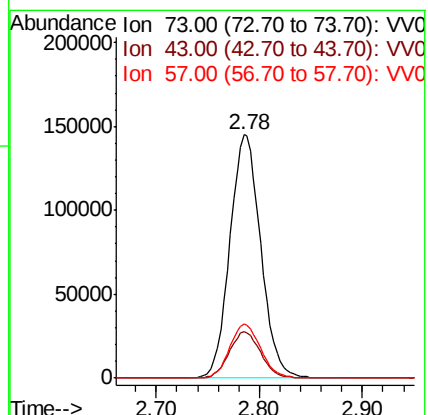
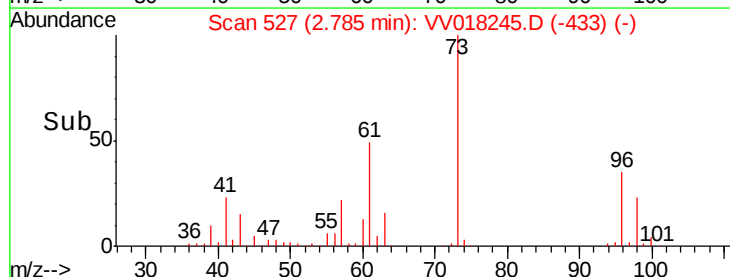
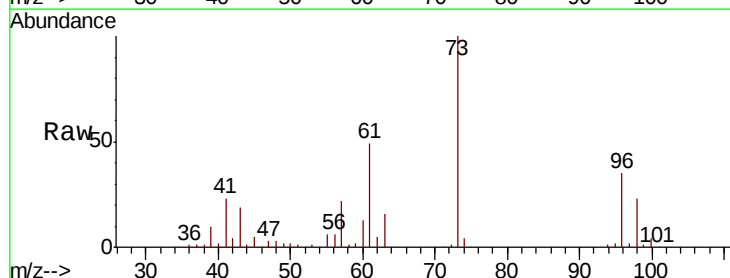
Tgt Ion: 73 Resp: 302778

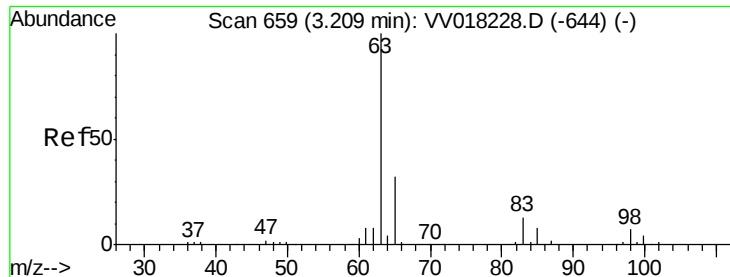
Ion Ratio Lower Upper

73 100

43 19.2 15.4 23.0

57 22.2 18.0 27.0





#19

1,1-Dichloroethane

Concen: 47.565 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

Instrument :

MSVOA_V

ClientSampled :

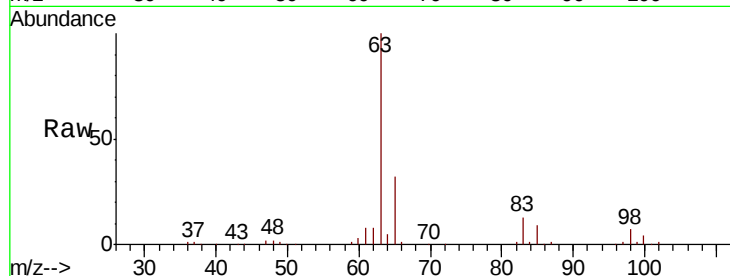
Tot Ion: 63 Resp: 186324

Ion Ratio Lower Upper

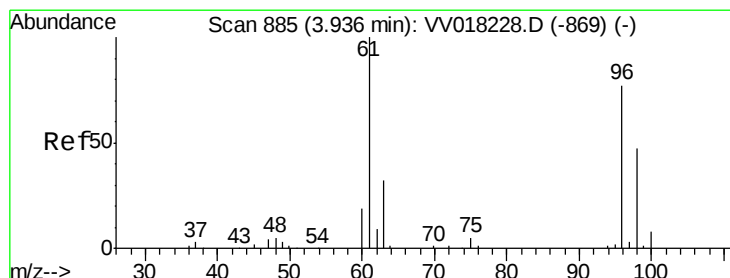
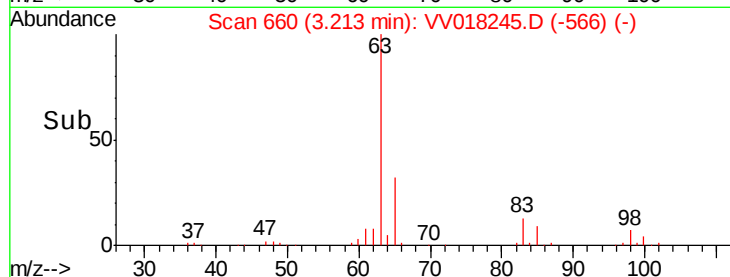
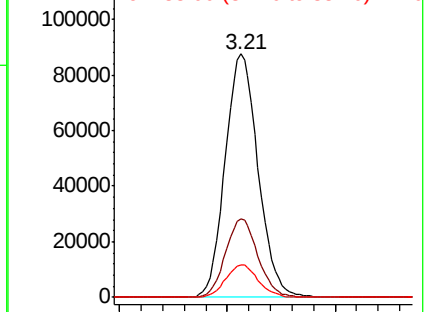
63 100

65 32.5 22.5 41.7

83 13.2 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: 47.960 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

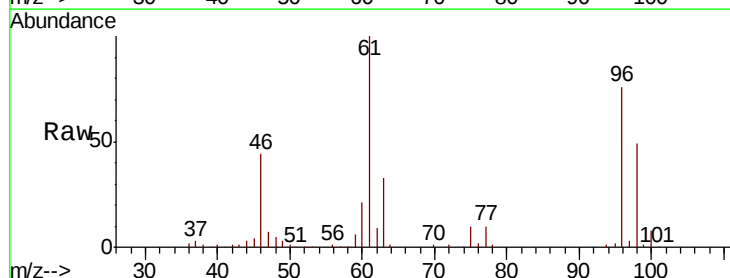
Tgt Ion: 96 Resp: 106219

Ion Ratio Lower Upper

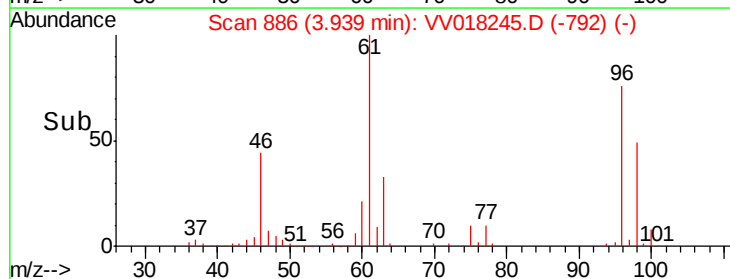
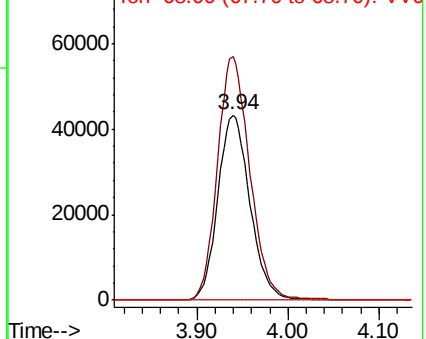
96 100

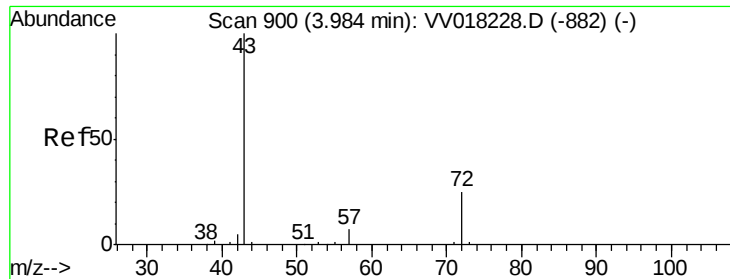
61 131.6 93.6 173.8

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: 100.654 ug/L

RT: 4.00 min Scan# 905

Delta R.T. 0.02 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

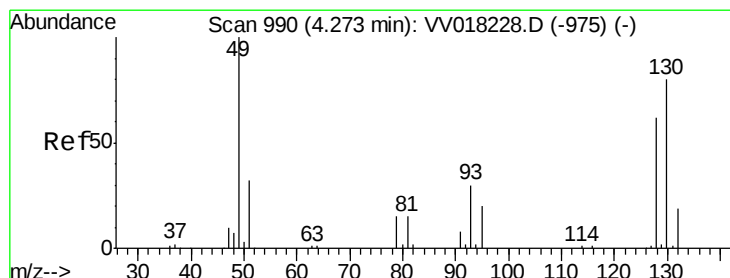
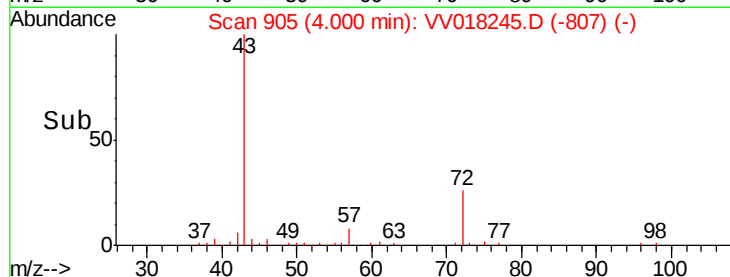
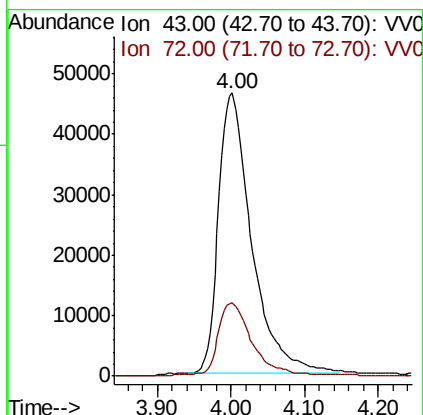
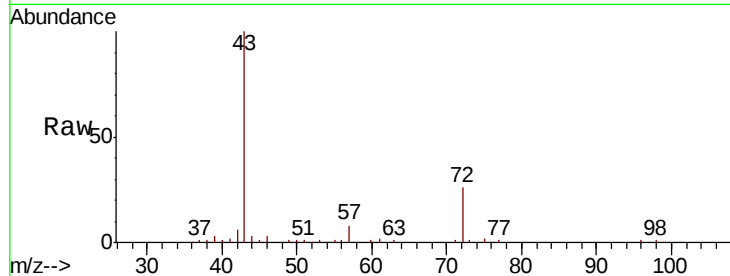
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 145765

Ion Ratio Lower Upper

43 100

72 24.6 13.1 39.3



#23

Bromochloromethane

Concen: 48.167 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

Tgt Ion: 128 Resp: 55814

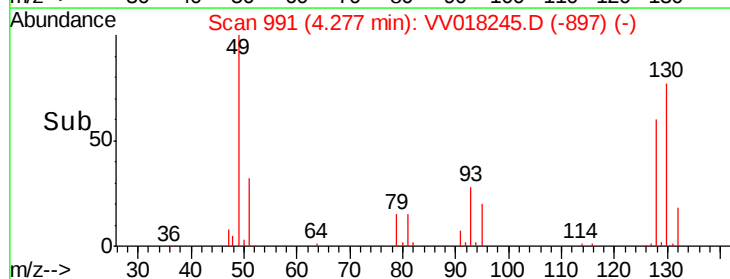
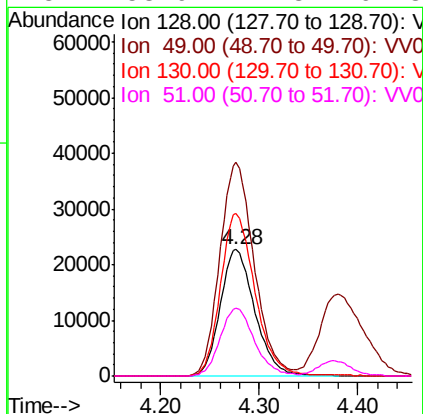
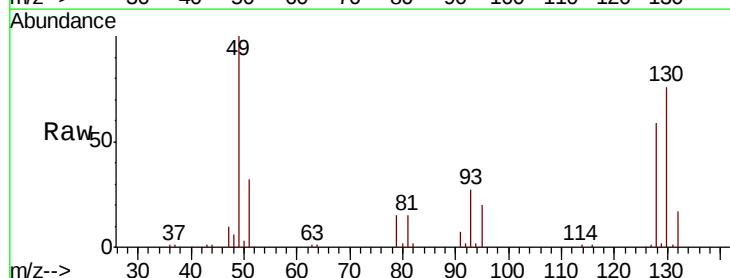
Ion Ratio Lower Upper

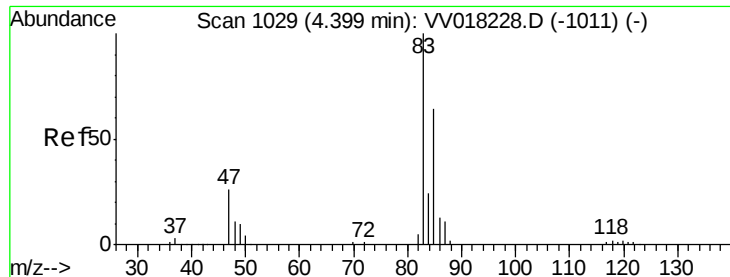
128 100

49 168.8 114.4 212.6

130 128.9 87.9 163.3

51 53.9 41.8 62.8

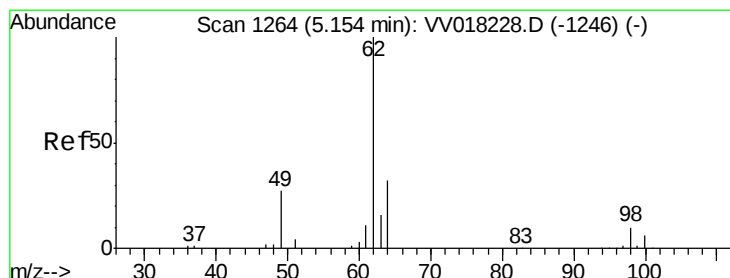
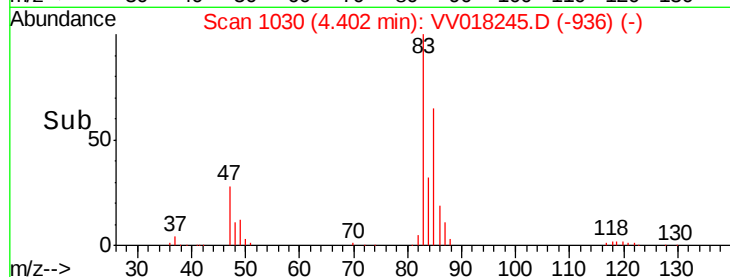
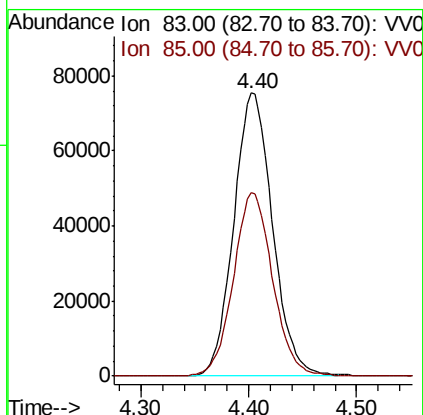
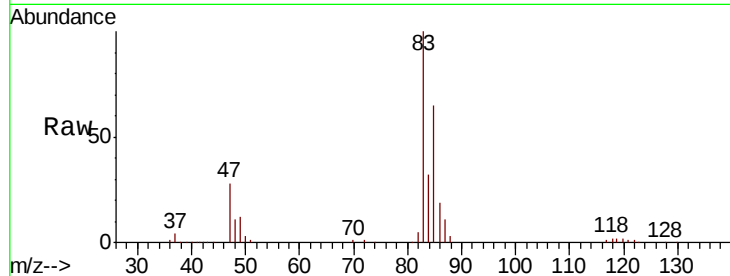




#25
Chloroform
Concen: 47.450 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018245.D
Acq: 16 Sep 2020 18:49

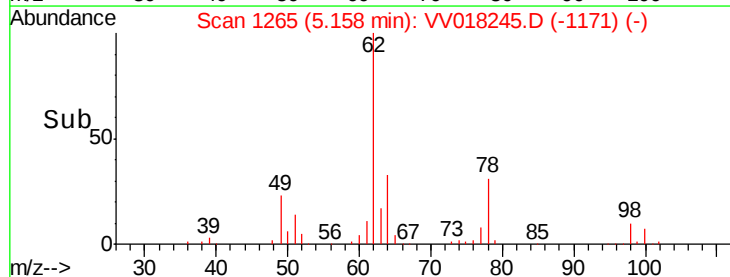
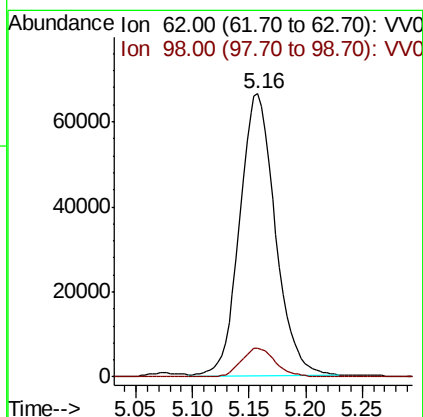
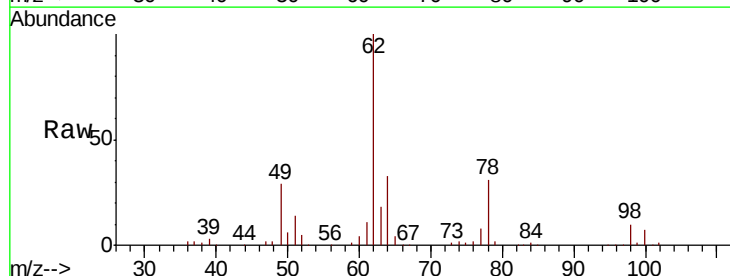
Instrument :
MSVOA_V
ClientSampleId :

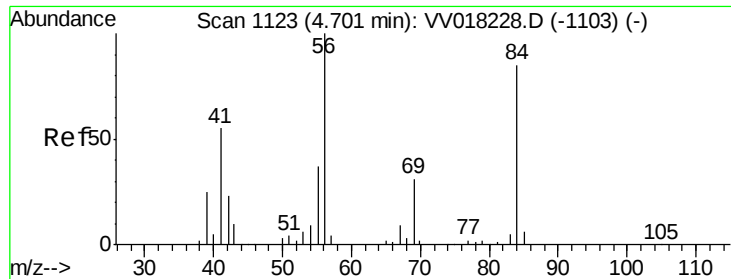
Tot Ion: 83 Resp: 188939
Ion Ratio Lower Upper
83 100
85 64.7 45.0 83.6



#27
1,2-Dichloroethane
Concen: 47.191 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. 0.00 min
Lab File: VV018245.D
Acq: 16 Sep 2020 18:49

Tgt Ion: 62 Resp: 145469
Ion Ratio Lower Upper
62 100
98 10.2 7.6 11.4

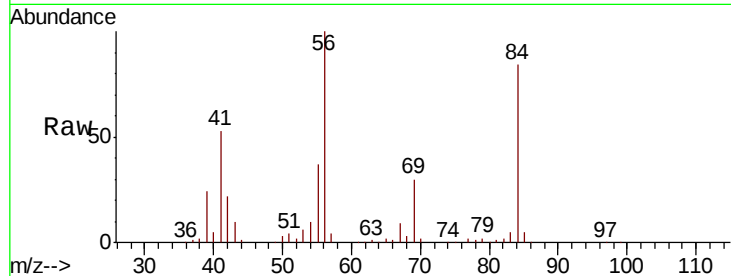




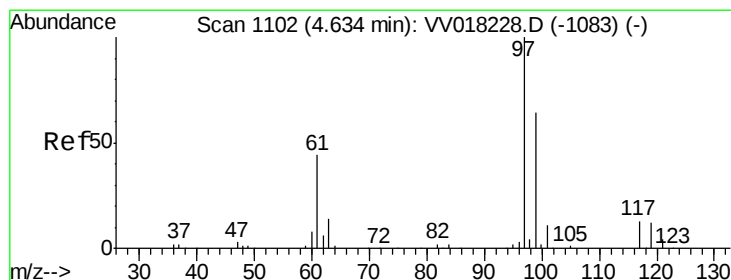
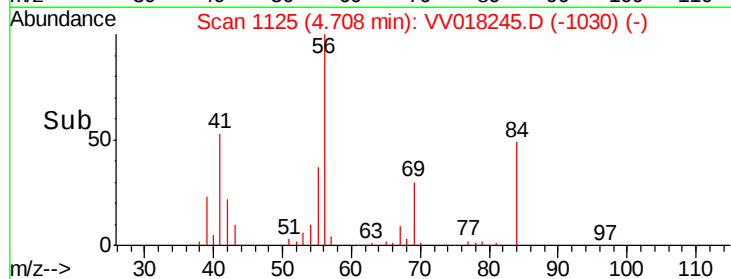
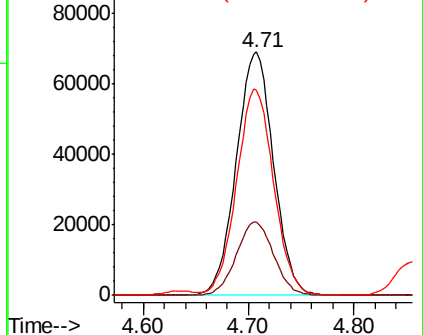
#29
Cyclohexane
Concen: 48.428 ug/L
RT: 4.71 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VV018245.D
Acq: 16 Sep 2020 18:49

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 56 Resp: 169361
Ion Ratio Lower Upper
56 100
69 30.3 24.2 36.2
84 84.4 68.3 102.5

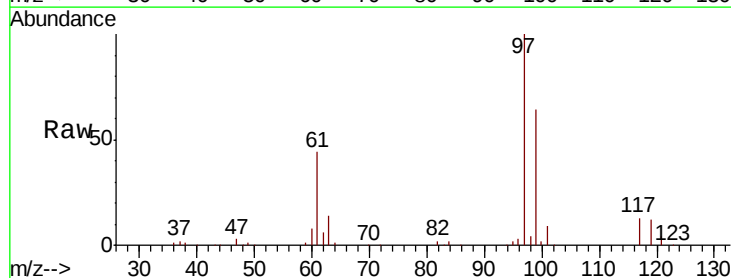


Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0

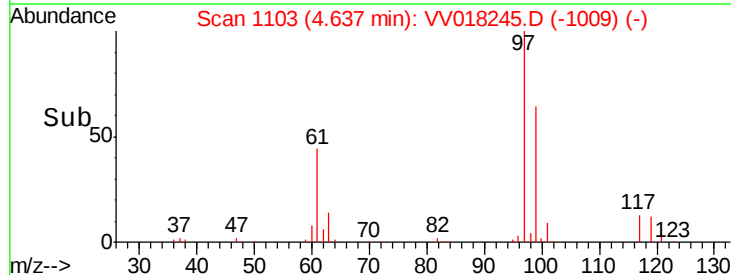
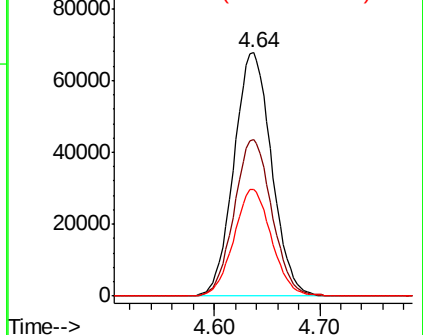


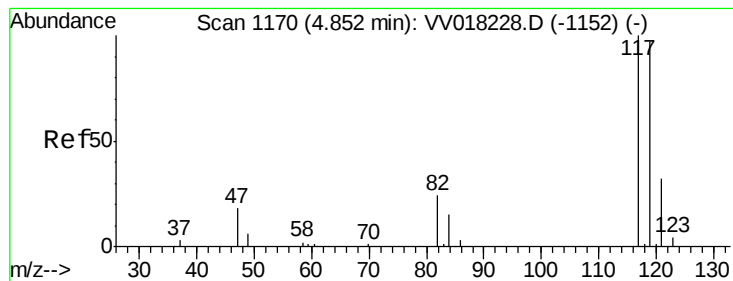
#30
1,1,1-Trichloroethane
Concen: 47.824 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.00 min
Lab File: VV018245.D
Acq: 16 Sep 2020 18:49

Tgt Ion: 97 Resp: 168090
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 43.7 34.9 52.3



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: 47.246 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

Instrument :

MSVOA_V

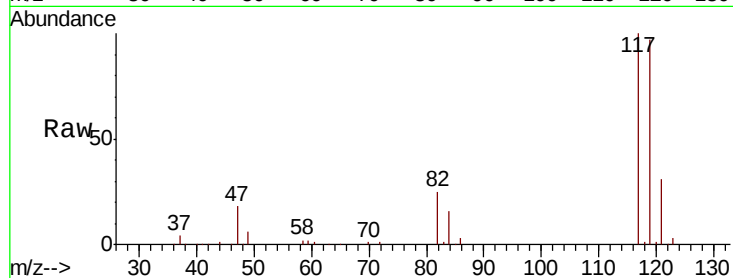
ClientSampleId :

Tot Ion:117 Resp: 146016

Ion Ratio Lower Upper

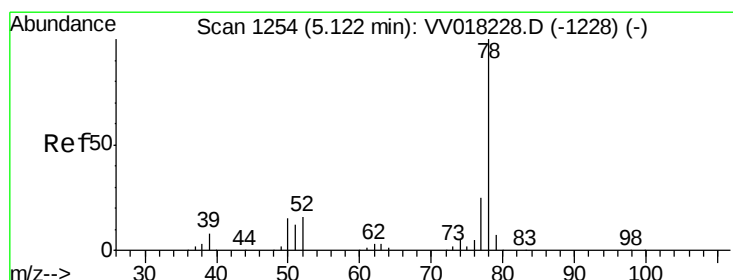
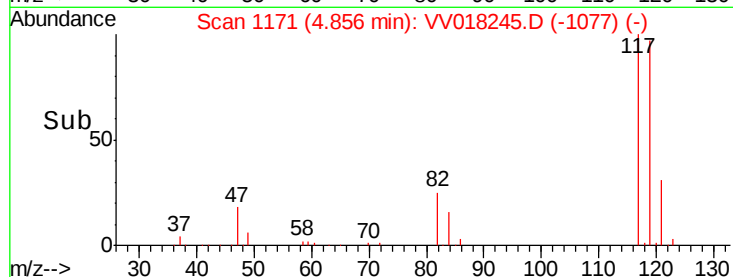
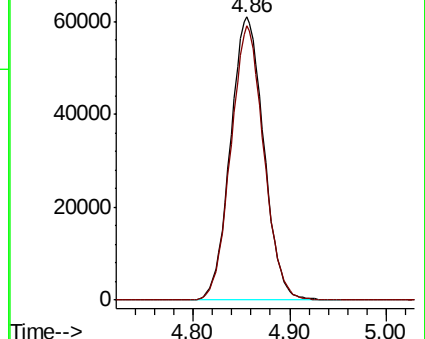
117 100

119 95.4 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 47.681 ug/L

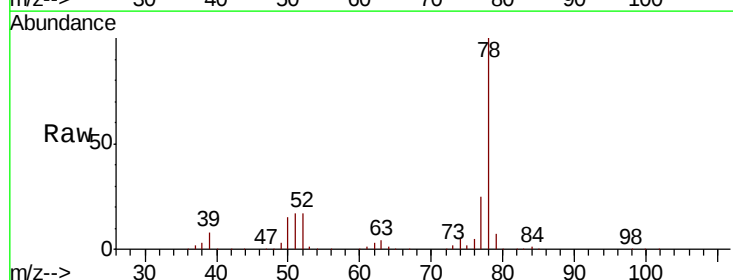
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

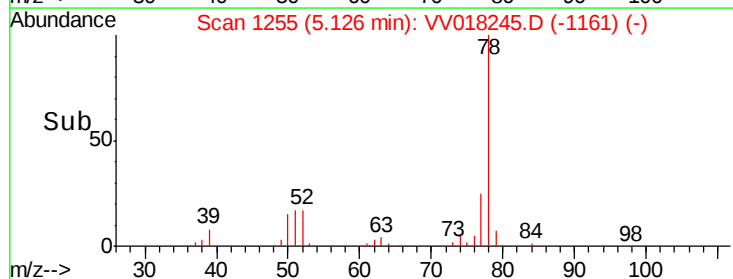
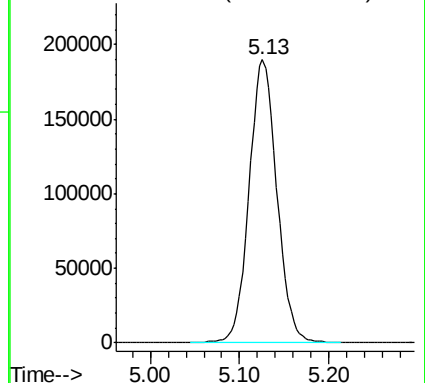
Lab File: VV018245.D

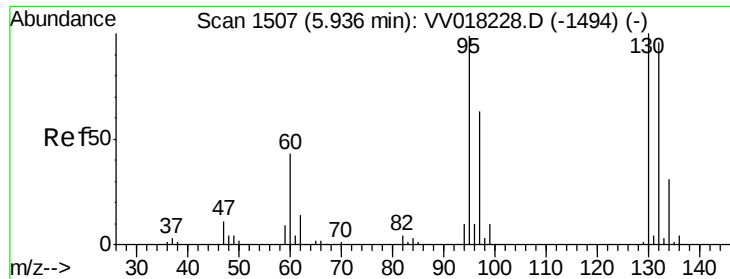
Acq: 16 Sep 2020 18:49

Tgt Ion: 78 Resp: 412873



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 44.785 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 105640

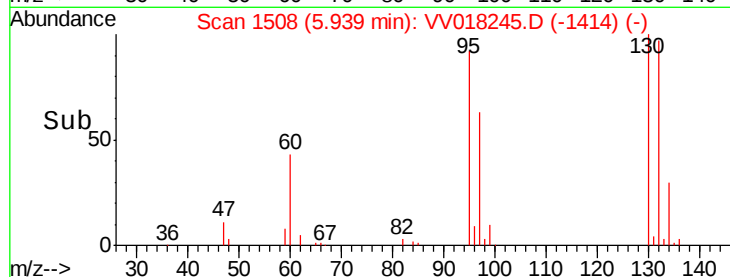
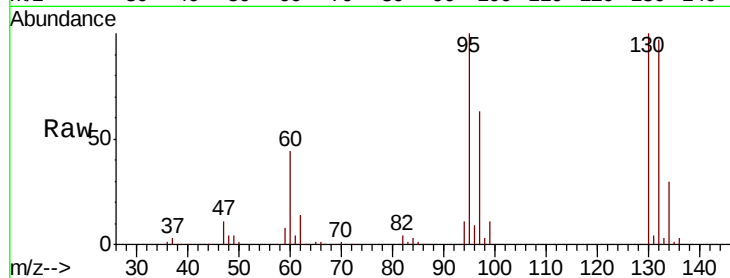
Ion Ratio Lower Upper

95 100

97 63.7 46.3 85.9

132 97.2 68.1 126.5

130 100.4 71.5 132.9

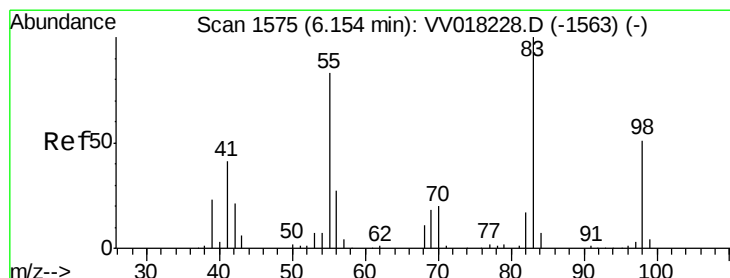
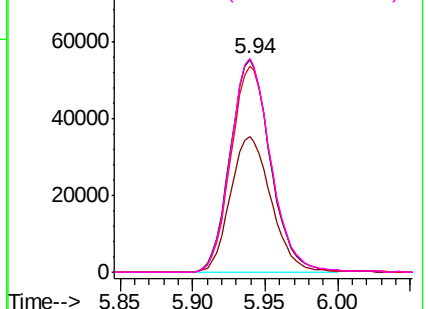


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 48.251 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

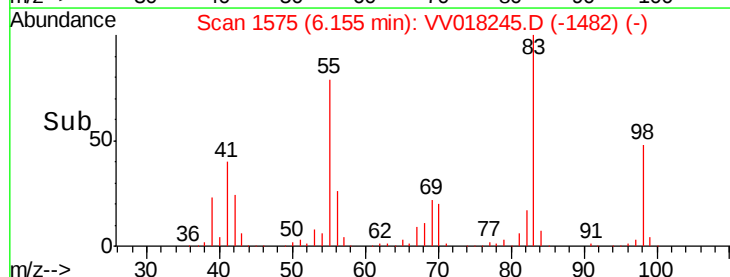
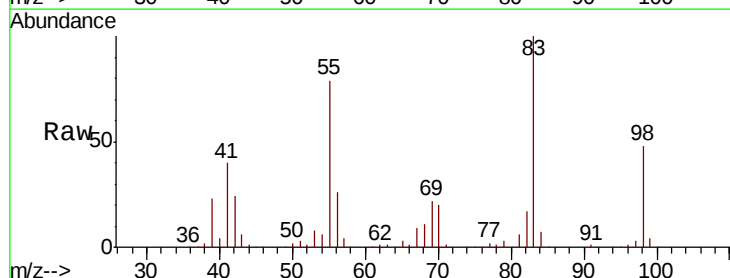
Tgt Ion: 83 Resp: 171366

Ion Ratio Lower Upper

83 100

55 78.8 63.4 95.2

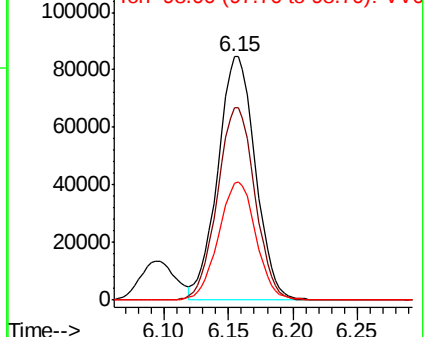
98 48.3 38.8 58.2

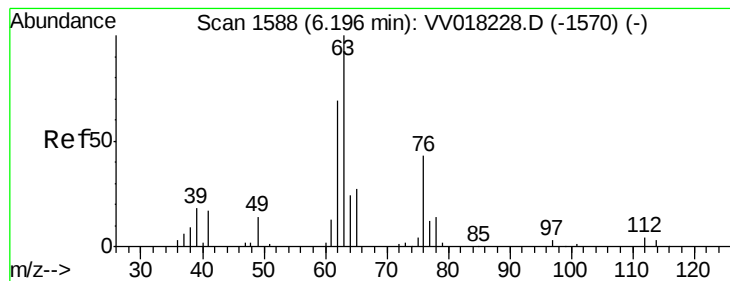


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 47.738 ug/L

RT: 6.20 min Scan# 1588

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

Instrument :

MSVOA_V

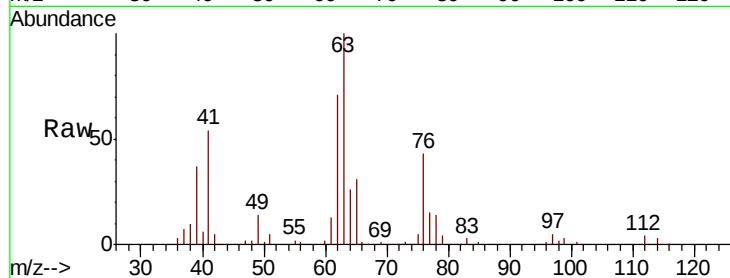
ClientSampleId :

Tot Ion: 63 Resp: 109538

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.2



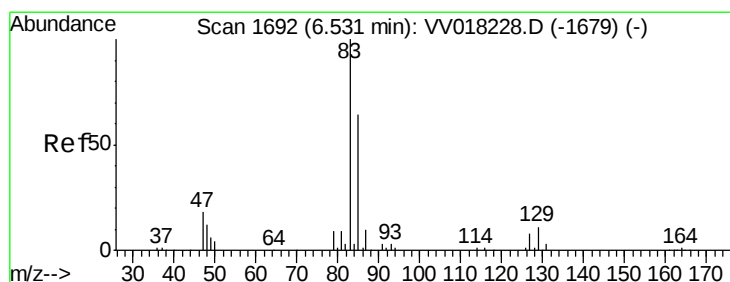
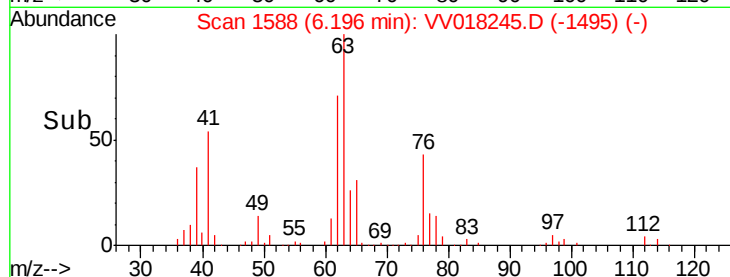
Abundance Ion 63.00 (62.70 to 63.70): VV018228.D (-1570) (-)

Ion 112.00 (111.70 to 112.70): VV018228.D (-1570) (-)

6.20

6.10 6.20 6.30

Time-->



#38

Bromodichloromethane

Concen: 46.973 ug/L

RT: 6.53 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

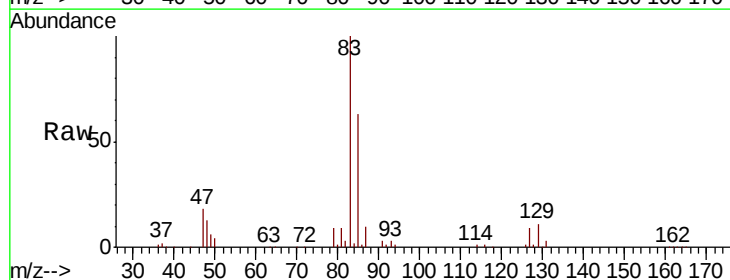
Tgt Ion: 83 Resp: 140260

Ion Ratio Lower Upper

83 100

85 62.9 44.7 82.9

127 8.8 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VV018228.D (-1679) (-)

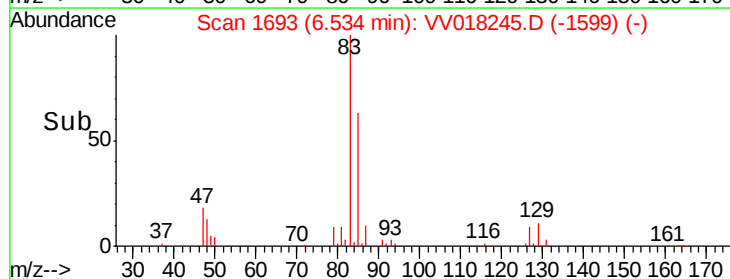
Ion 85.00 (84.70 to 85.70): VV018228.D (-1679) (-)

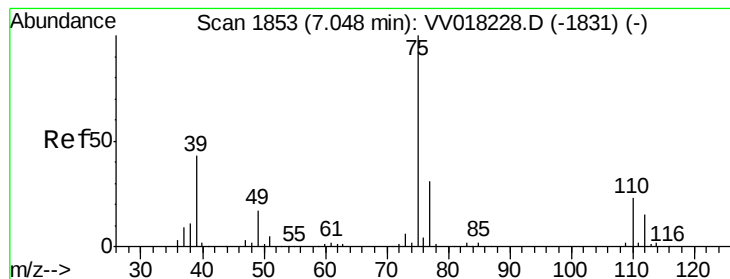
Ion 127.00 (126.70 to 127.70): VV018228.D (-1679) (-)

6.53

6.45 6.50 6.55 6.60 6.65

Time-->



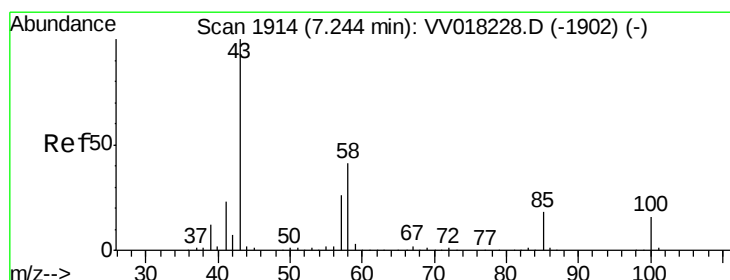
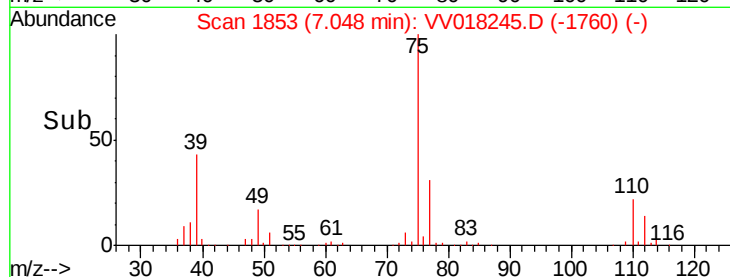
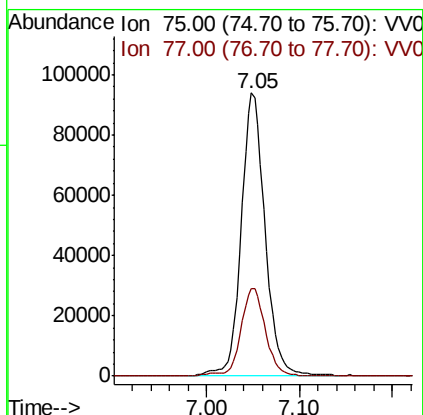
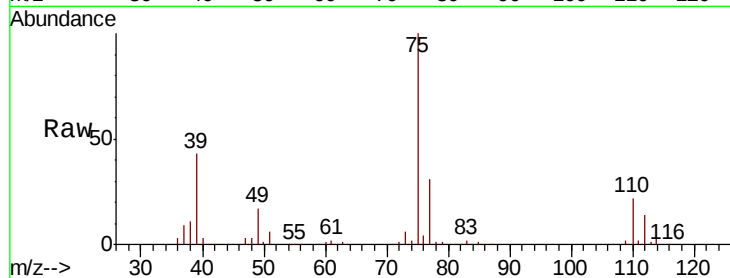


#39

cis-1,3-Dichloropropene
Concen: 47.617 ug/L
RT: 7.05 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VV018245.D
Acq: 16 Sep 2020 18:49

Instrument :
MSVOA_V
ClientSampleId :

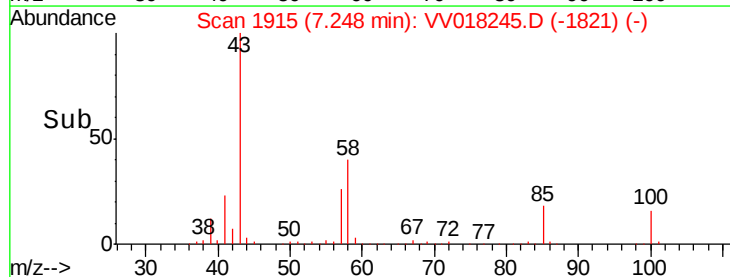
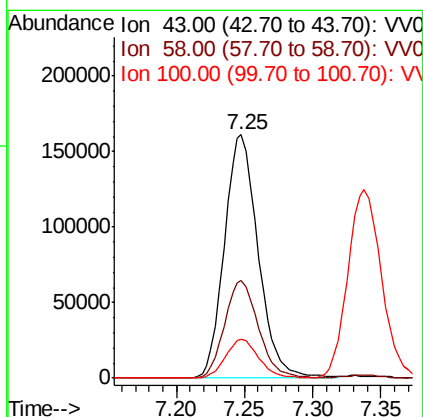
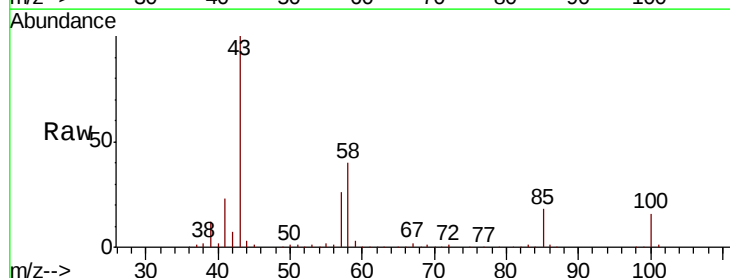
Tot Ion: 75 Resp: 168343
Ion Ratio Lower Upper
75 100
77 31.0 22.3 41.3

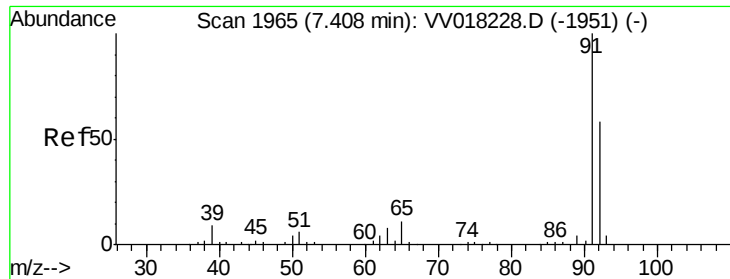


#40

4-Methyl-2-pentanone
Concen: 99.713 ug/L
RT: 7.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VV018245.D
Acq: 16 Sep 2020 18:49

Tgt Ion: 43 Resp: 277567
Ion Ratio Lower Upper
43 100
58 40.1 32.4 48.6
100 15.8 12.7 19.1





#42

Toluene

Concen: 48.632 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

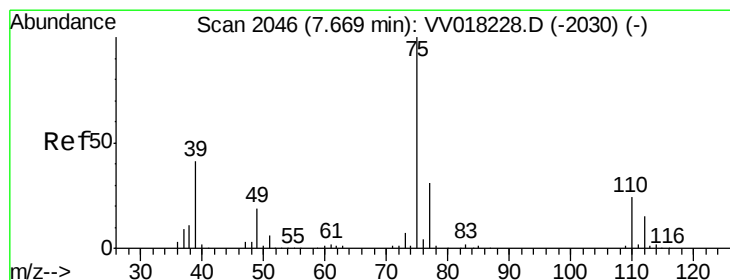
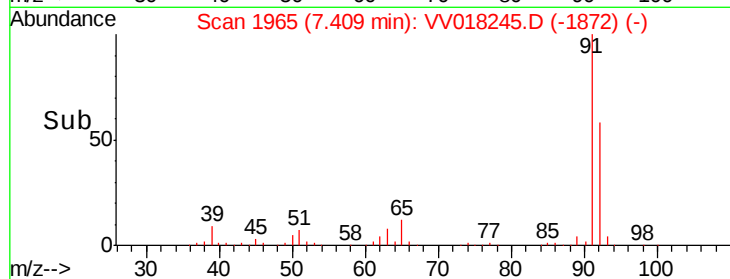
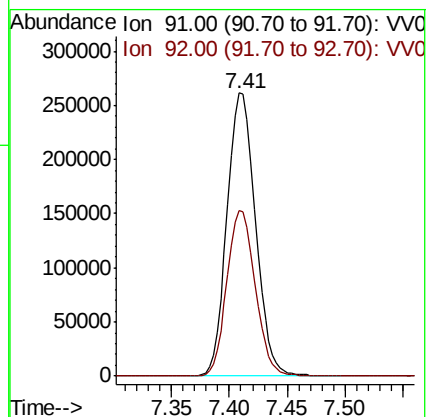
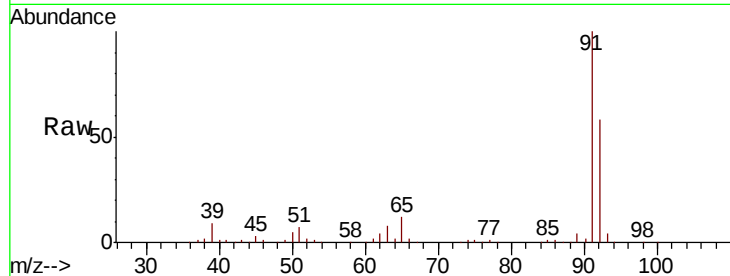
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 445643

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 48.119 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV018245.D

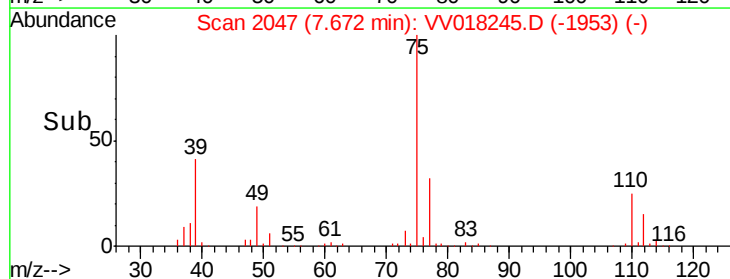
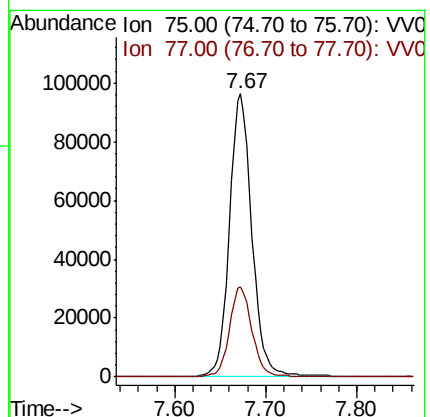
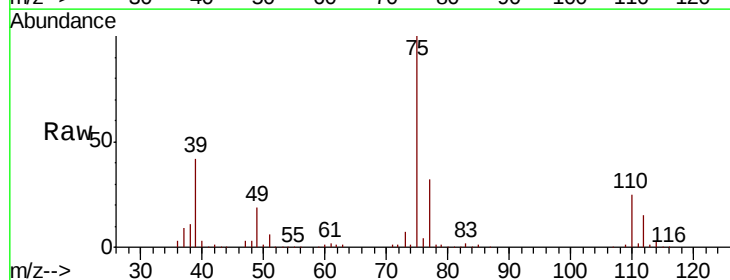
Acq: 16 Sep 2020 18:49

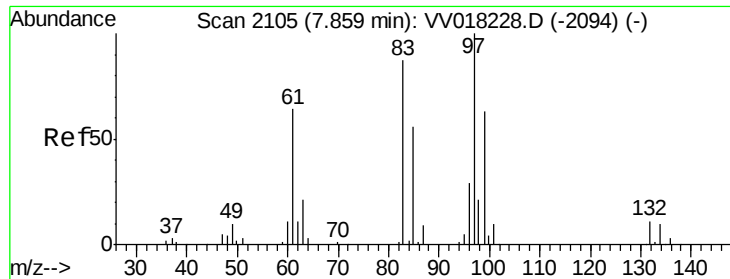
Tgt Ion: 75 Resp: 165637

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.5

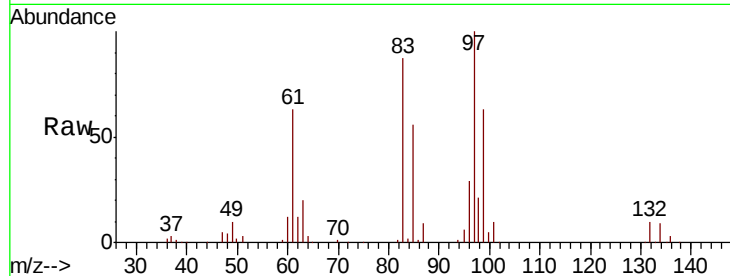




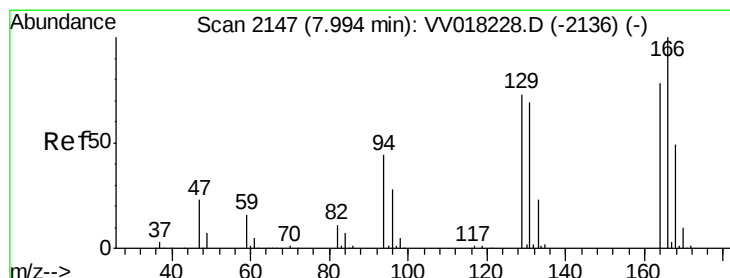
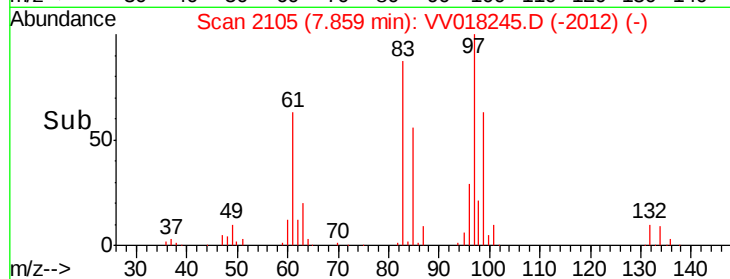
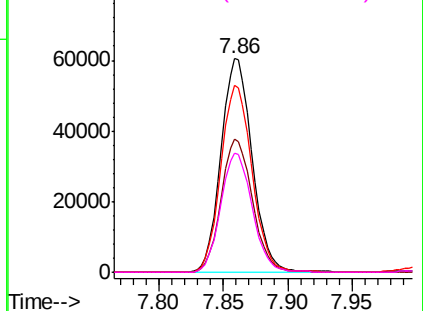
#45
 1,1,2-Trichloroethane
 Concen: 47.854 ug/L
 RT: 7.86 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: VV018245.D
 Acq: 16 Sep 2020 18:49

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:	97	Resp:	101774
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.7	81.1
83	87.2	59.9	111.3
85	55.8	37.6	69.8

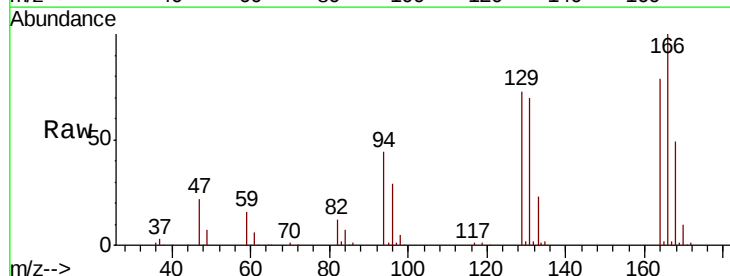


Abundance Ion 97.00 (96.70 to 97.70): VV0
 Ion 99.00 (98.70 to 99.70): VV0
 Ion 83.00 (82.70 to 83.70): VV0
 Ion 85.00 (84.70 to 85.70): VV0

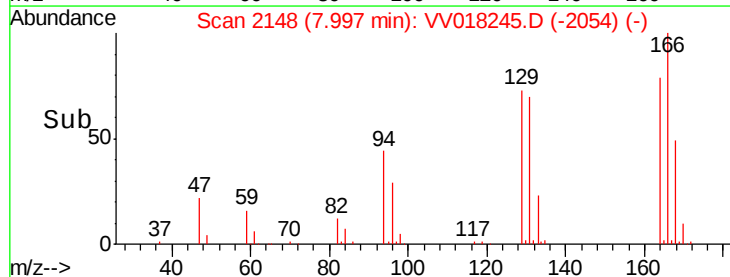
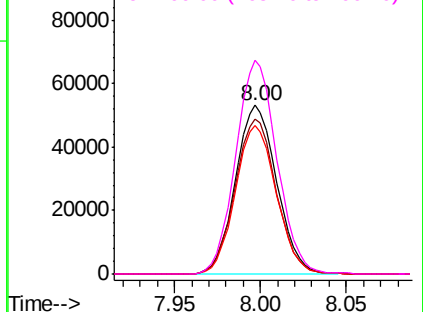


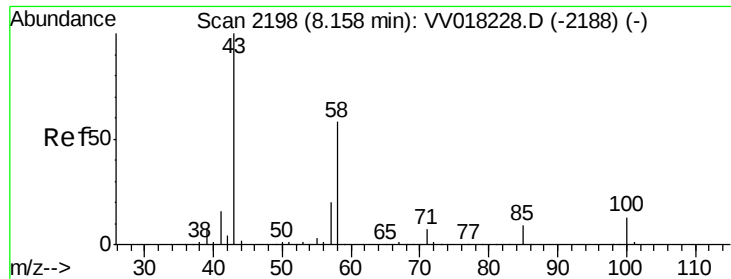
#46
 Tetrachloroethene
 Concen: 47.939 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018245.D
 Acq: 16 Sep 2020 18:49

Tgt Ion:	164	Resp:	88662
Ion	Ratio	Lower	Upper
164	100		
129	92.3	64.5	119.7
131	88.5	61.8	114.8
166	126.8	90.6	168.2



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

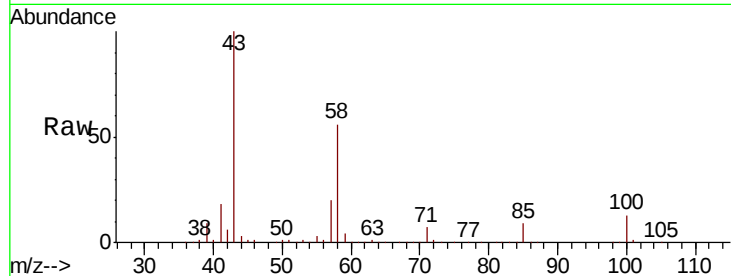




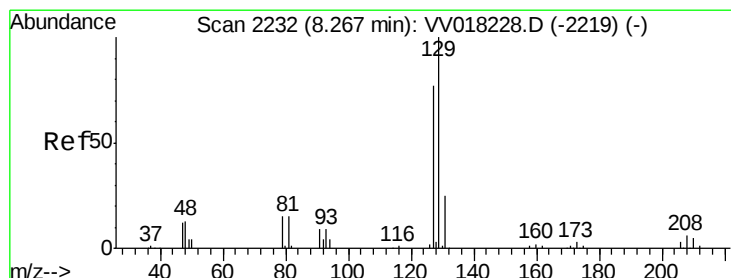
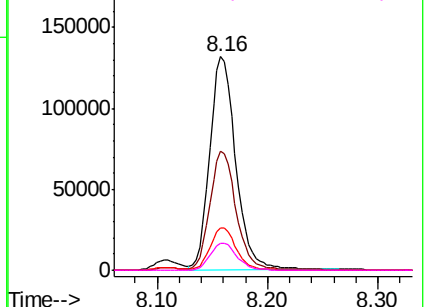
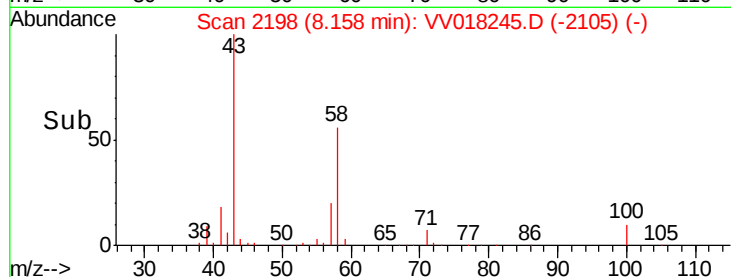
#48
2-Hexanone
Concen: 98.212 ug/L
RT: 8.16 min Scan# 2198
Delta R.T. 0.00 min
Lab File: VV018245.D
Acq: 16 Sep 2020 18:49

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 21535
Ion Ratio Lower Upper
43 100
58 55.7 44.8 67.2
57 19.8 15.8 23.6
100 13.2 10.2 15.4

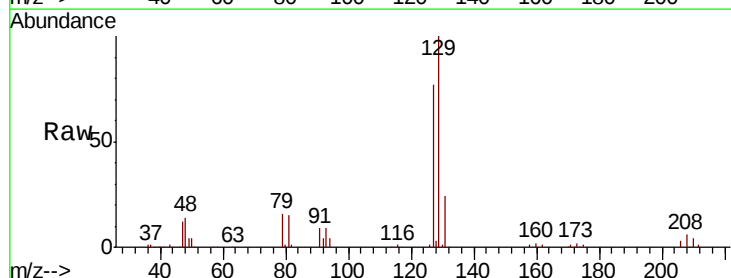


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

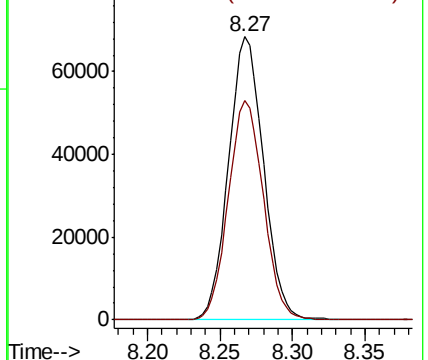
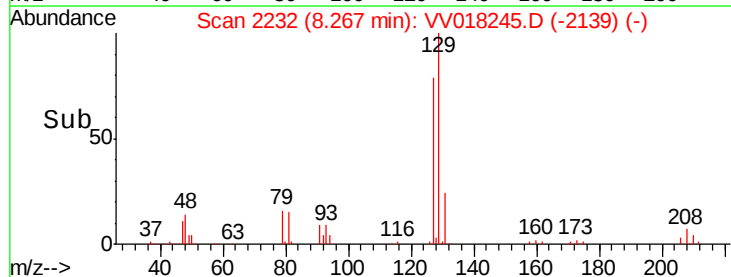


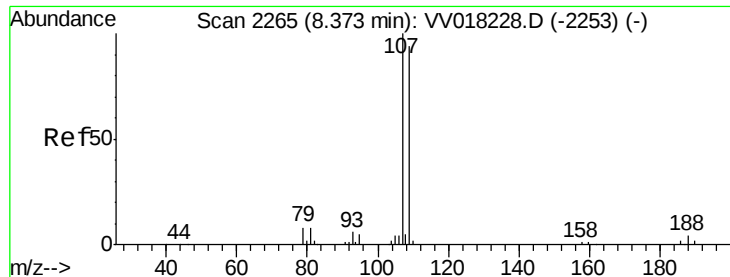
#49
Dibromochloromethane
Concen: 47.954 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV018245.D
Acq: 16 Sep 2020 18:49

Tgt Ion: 129 Resp: 114477
Ion Ratio Lower Upper
129 100
127 77.3 54.5 101.1



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

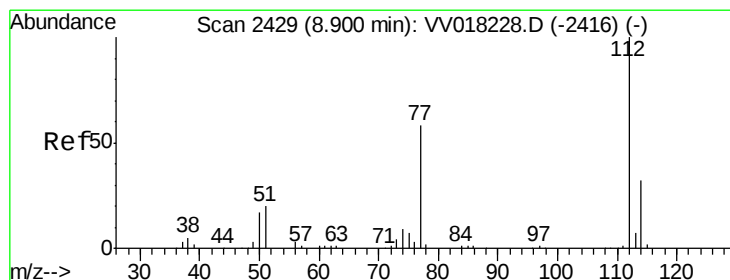
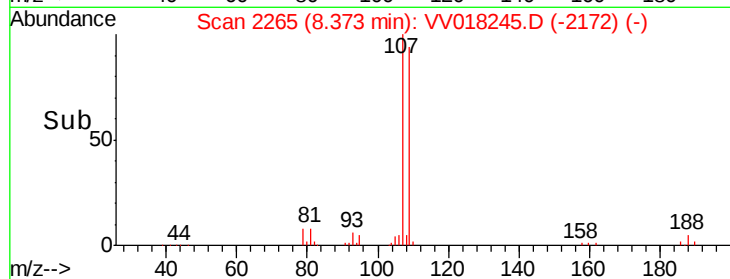
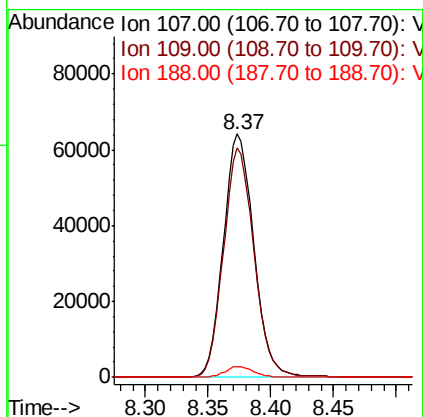
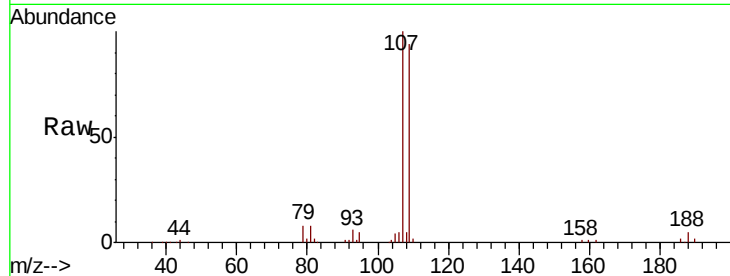




#50
 1,2-Dibromoethane
 Concen: 48.319 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: VV018245.D
 Acq: 16 Sep 2020 18:49

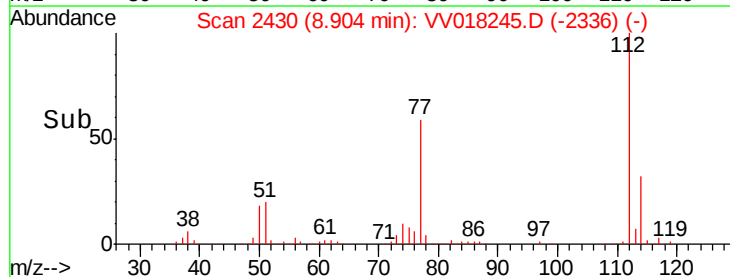
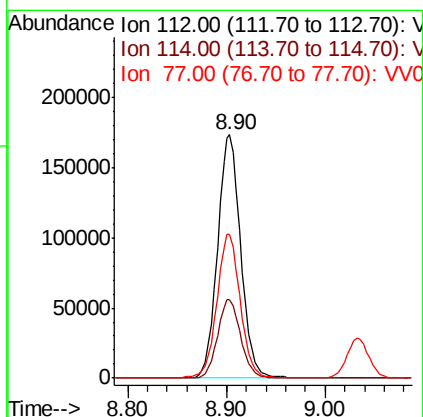
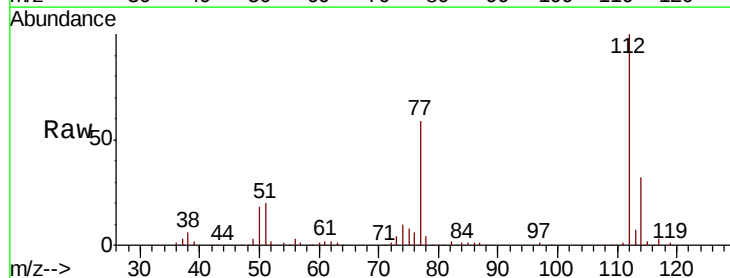
Instrument :
 MSVOA_V
 ClientSampleId :

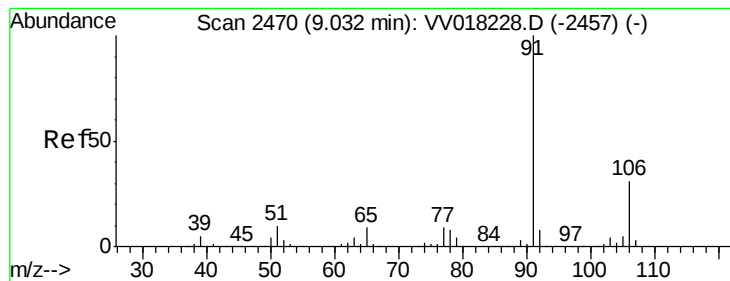
Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	66.1	122.8
188	4.5	3.2	4.8



#51
 Chlorobenzene
 Concen: 48.069 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: VV018245.D
 Acq: 16 Sep 2020 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.6	42.0
77	59.0	48.0	72.0





#52

Ethylbenzene

Concen: 49.186 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

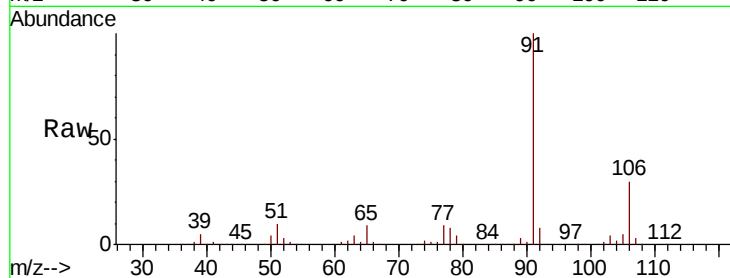
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 492075

Ion Ratio Lower Upper

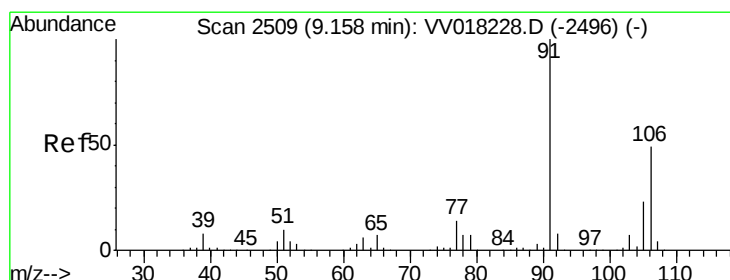
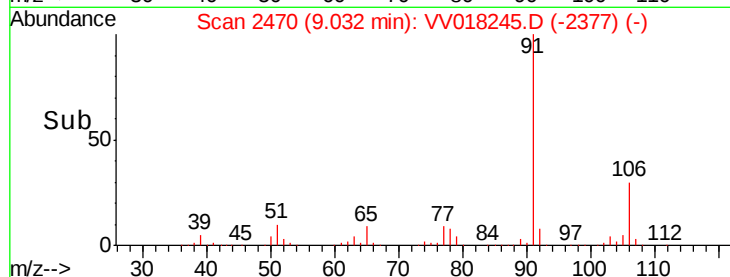
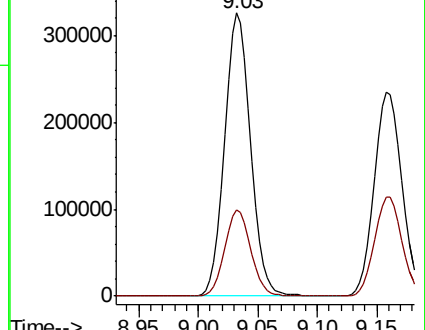
91 100

106 30.3 21.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VV018245.D (-2457) (-)

Ion 106.00 (105.70 to 106.70): VV018245.D (-2457) (-)



#53

m,p-Xylene

Concen: 49.300 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV018245.D

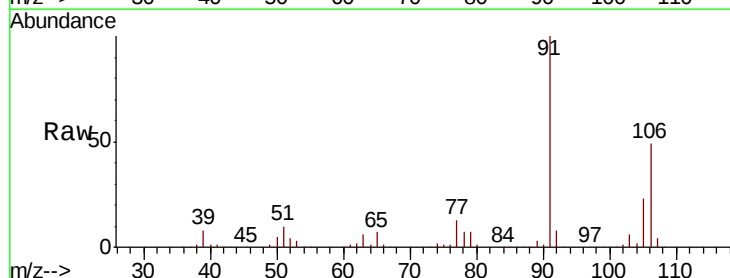
Acq: 16 Sep 2020 18:49

Tgt Ion: 106 Resp: 184094

Ion Ratio Lower Upper

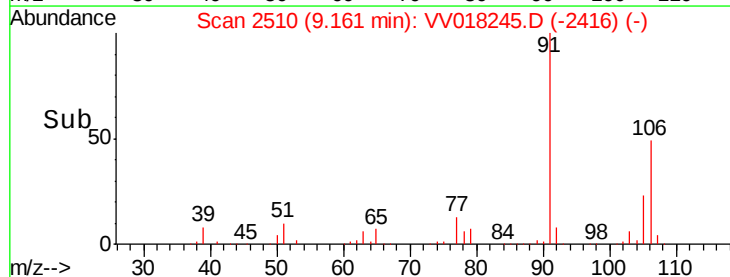
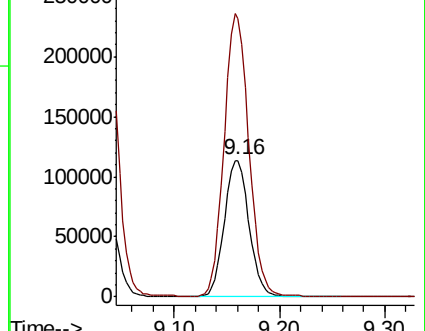
106 100

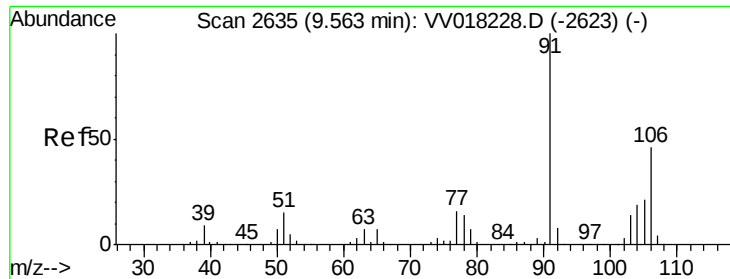
91 204.0 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): VV018245.D (-2496) (-)

Ion 91.00 (90.70 to 91.70): VV018245.D (-2496) (-)





#54

o-xylene

Concen: 49.502 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

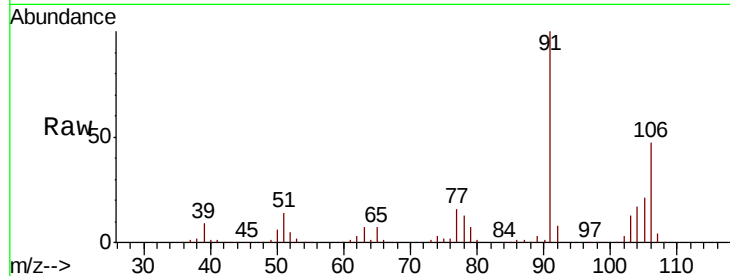
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 178084

Ion Ratio Lower Upper

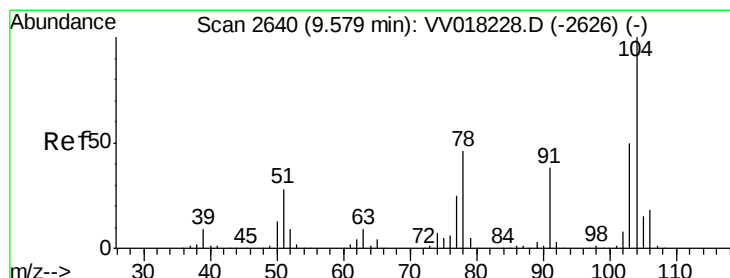
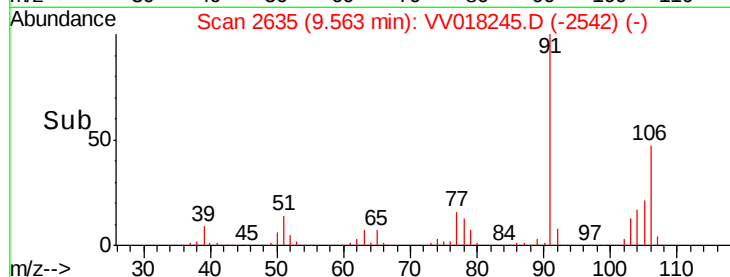
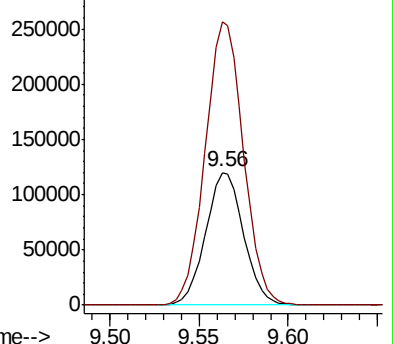
106 100

91 213.5 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 51.136 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. 0.00 min

Lab File: VV018245.D

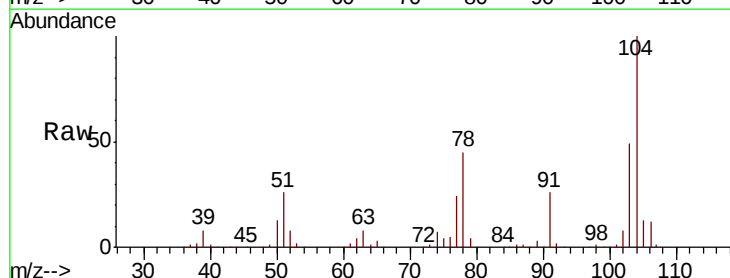
Acq: 16 Sep 2020 18:49

Tgt Ion:104 Resp: 319743

Ion Ratio Lower Upper

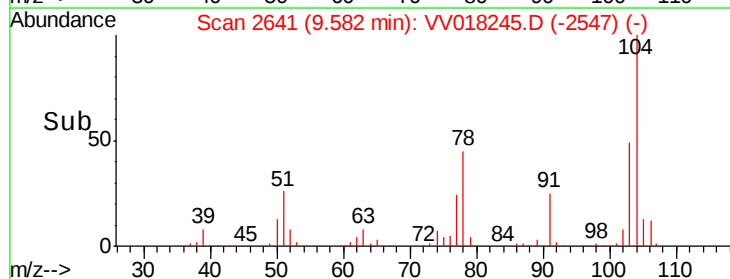
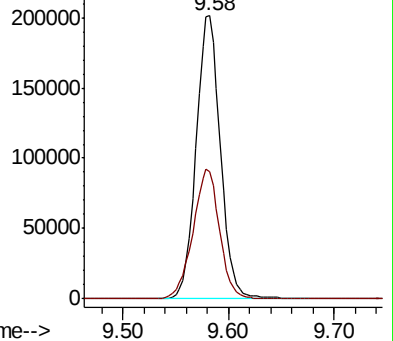
104 100

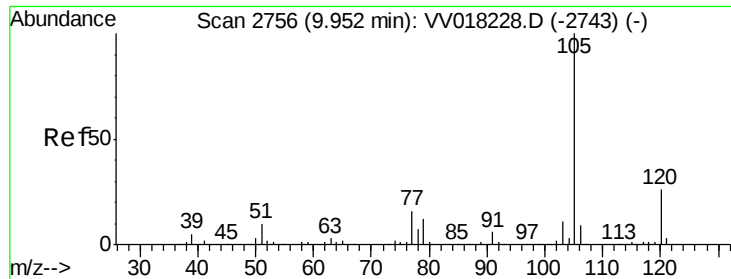
78 44.9 31.4 58.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 49.912 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

Instrument :

MSVOA_V

ClientSampleId :

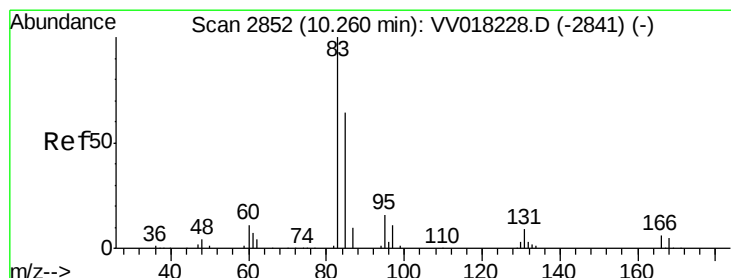
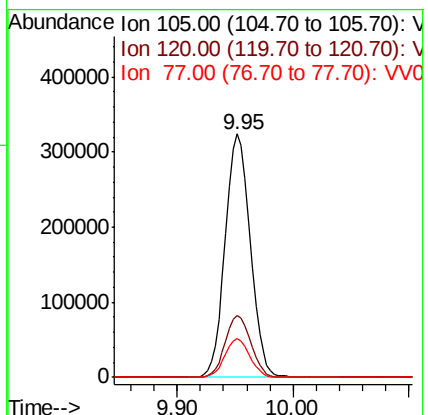
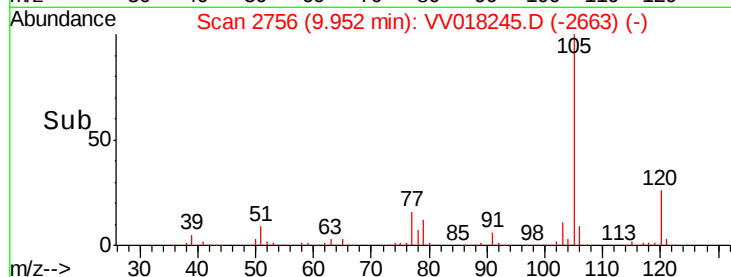
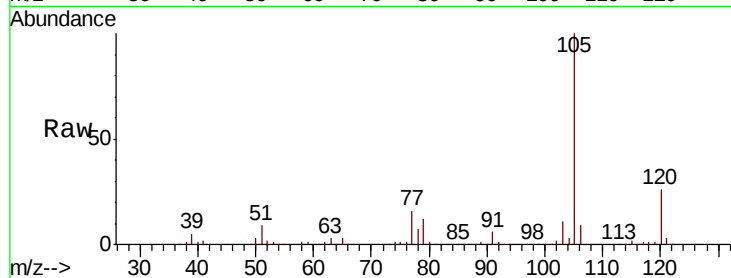
Tot Ion:105 Resp: 483922

Ion Ratio Lower Upper

105 100

120 25.9 20.9 31.3

77 15.7 12.5 18.7



#58

1,1,2,2-Tetrachloroethane

Concen: 52.240 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

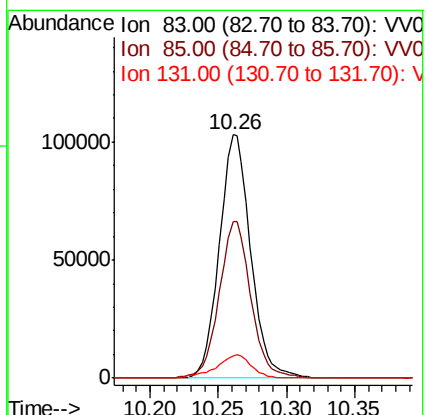
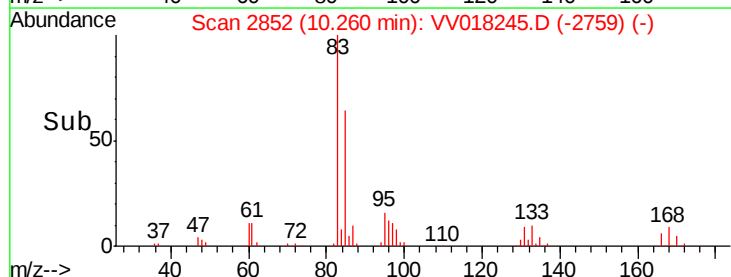
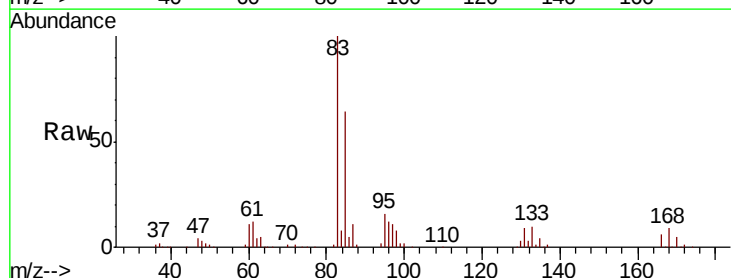
Tgt Ion: 83 Resp: 164346

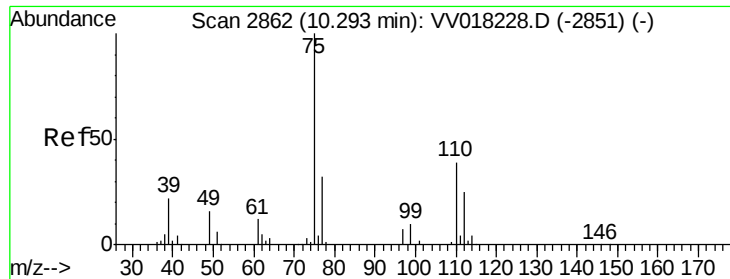
Ion Ratio Lower Upper

83 100

85 64.2 45.8 85.2

131 9.2 8.0 12.0





#59

1,2,3-Trichloropropane

Concen: 48.496 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

Instrument :

MSVOA_V

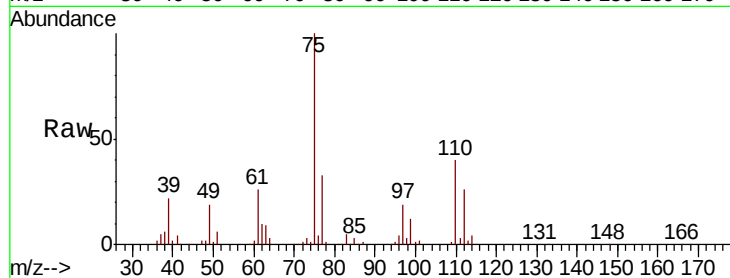
ClientSampleId :

Tot Ion: 75 Resp: 130880

Ion Ratio Lower Upper

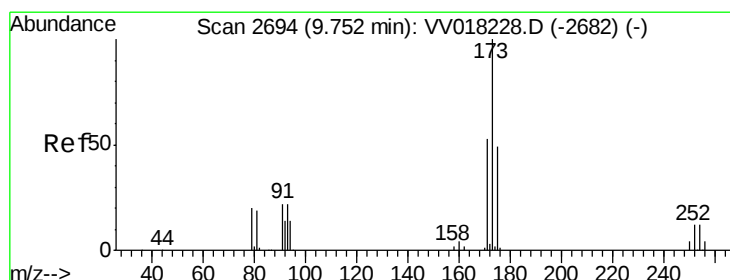
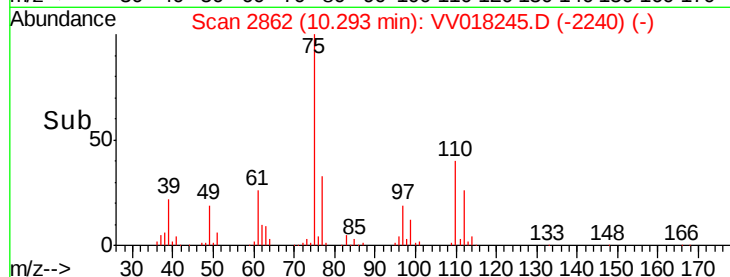
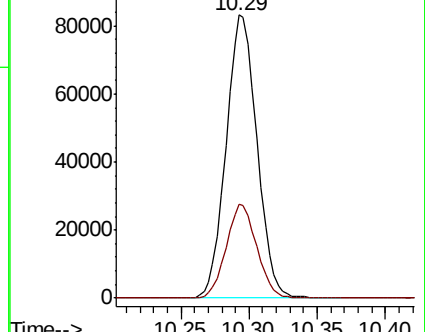
75 100

77 32.6 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV018228.D (-2851) (-)

Ion 77.00 (76.70 to 77.70): VV018228.D (-2851) (-)



#61

Bromoform

Concen: 48.478 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

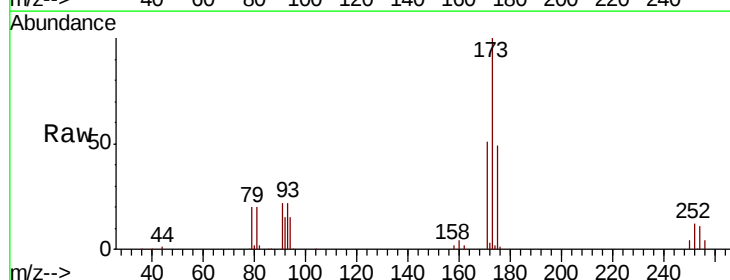
Tgt Ion: 173 Resp: 86488

Ion Ratio Lower Upper

173 100

175 49.1 39.0 58.6

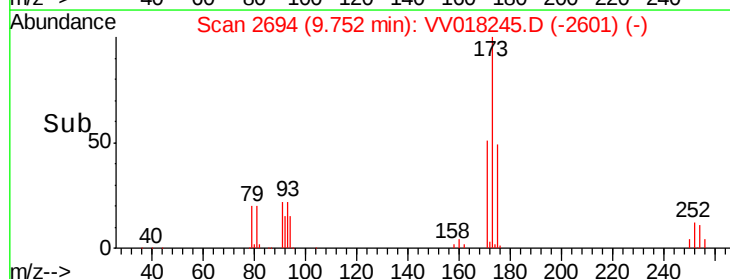
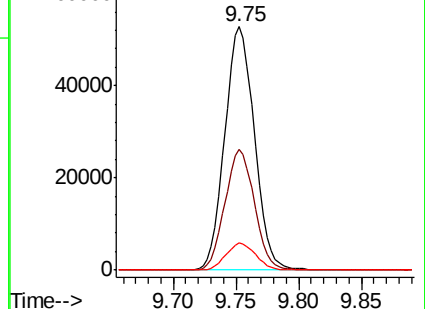
254 11.1 9.0 13.4

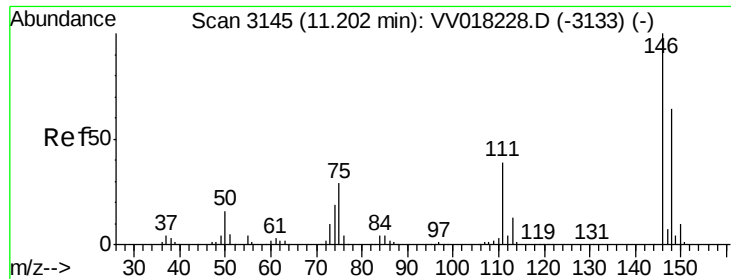


Abundance Ion 173.00 (172.70 to 173.70): VV018228.D (-2682) (-)

Ion 175.00 (174.70 to 175.70): VV018228.D (-2682) (-)

Ion 254.00 (253.70 to 254.70): VV018228.D (-2682) (-)

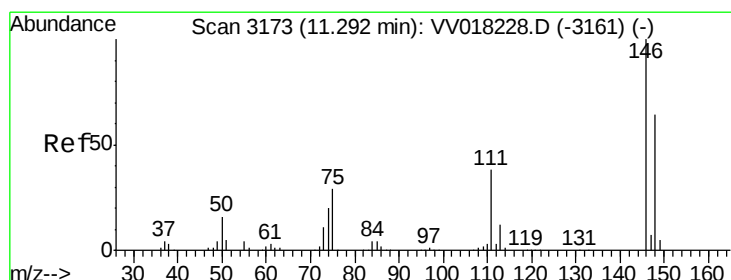
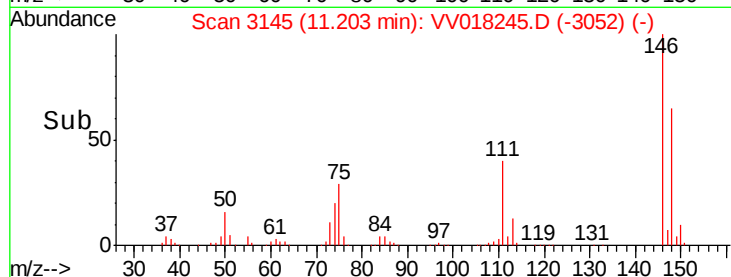
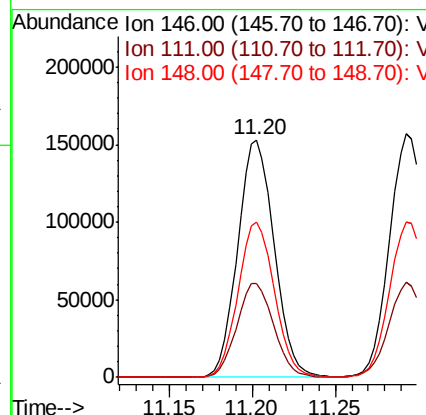
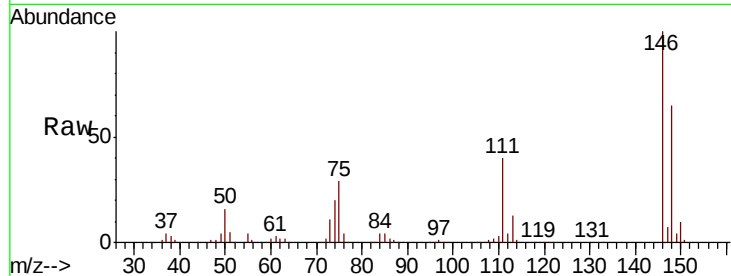




#62
 1,3-Dichlorobenzene
 Concen: 47.567 ug/L
 RT: 11.20 min Scan# 3145
 Delta R.T. 0.00 min
 Lab File: VV018245.D
 Acq: 16 Sep 2020 18:49

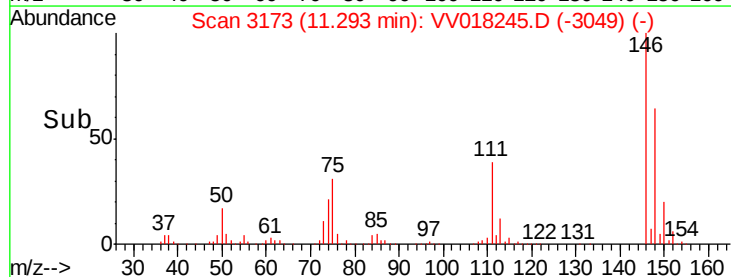
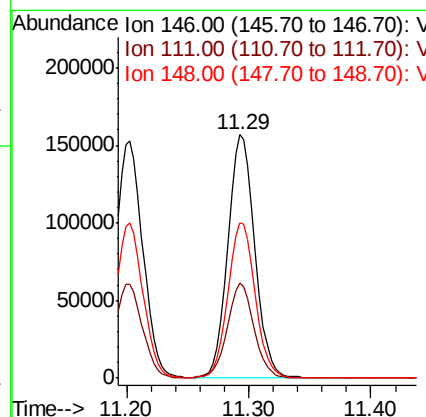
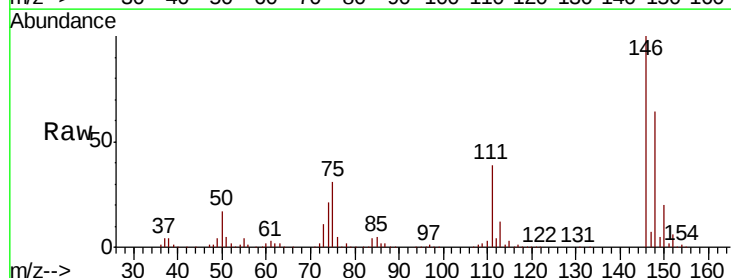
Instrument :
 MSVOA_V
 ClientSampleId :

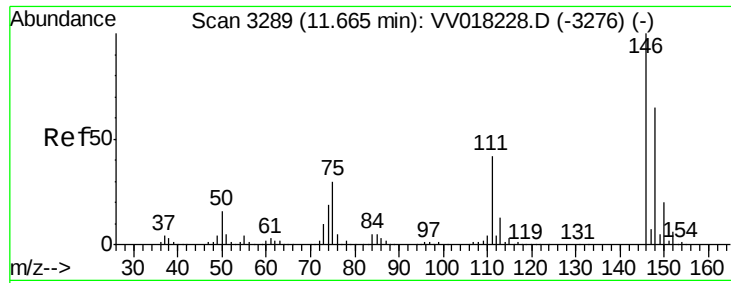
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	27.6	51.2
148	65.2	45.4	84.2



#63
 1,4-Dichlorobenzene
 Concen: 47.794 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV018245.D
 Acq: 16 Sep 2020 18:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	27.1	50.3
148	63.9	45.4	84.2





#65

1,2-Dichlorobenzene

Concen: 47.073 ug/L

RT: 11.67 min Scan# 3289

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

Instrument :

MSVOA_V

ClientSampleId :

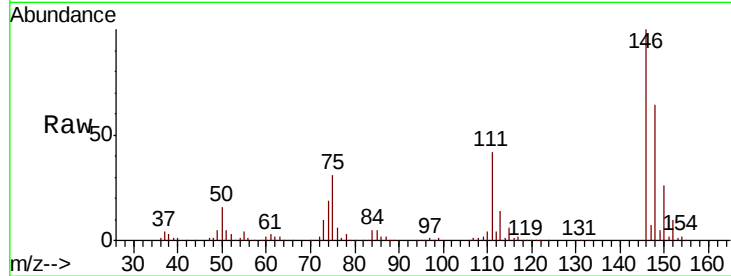
Tot Ion:146 Resp: 234962

Ion Ratio Lower Upper

146 100

111 41.7 32.8 49.2

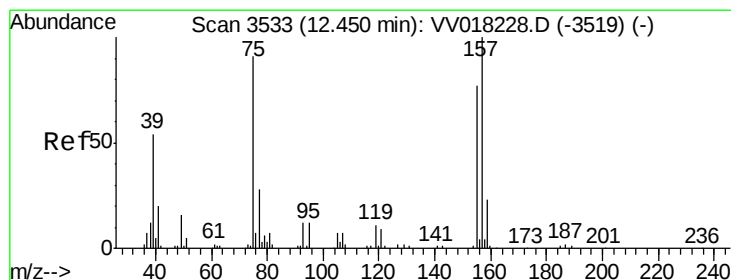
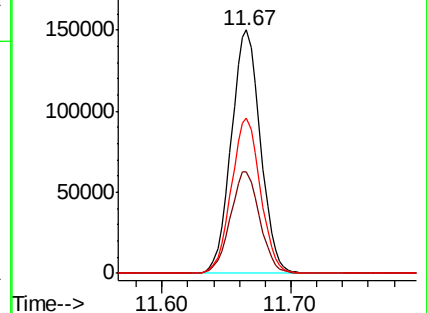
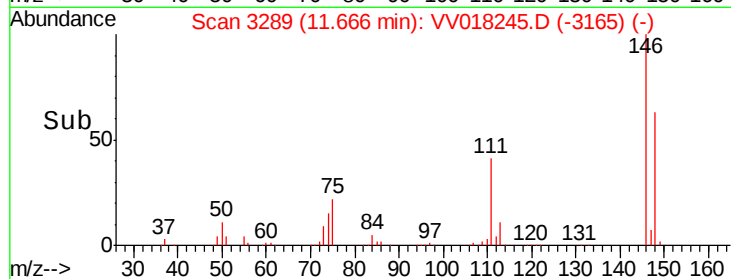
148 63.6 50.7 76.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 50.737 ug/L

RT: 12.45 min Scan# 3533

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

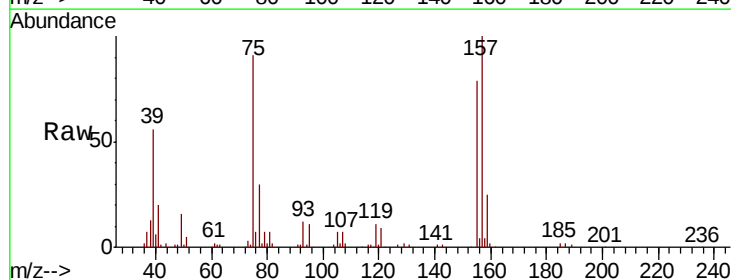
Tgt Ion: 75 Resp: 35737

Ion Ratio Lower Upper

75 100

155 86.7 69.7 104.5

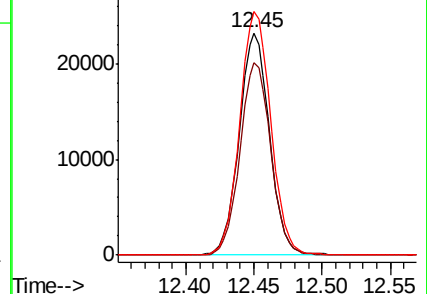
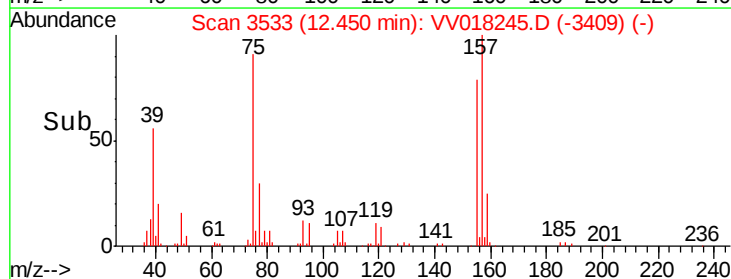
157 109.6 88.2 132.4

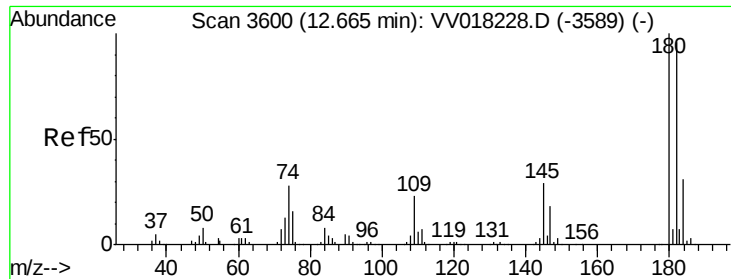


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

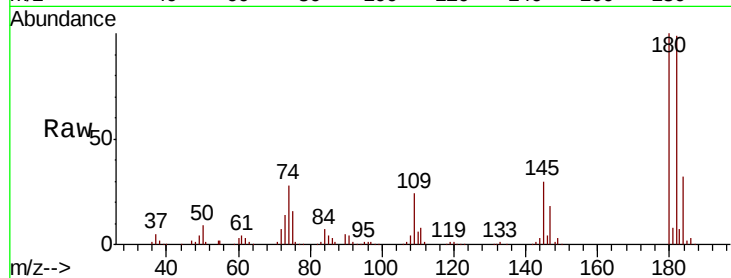




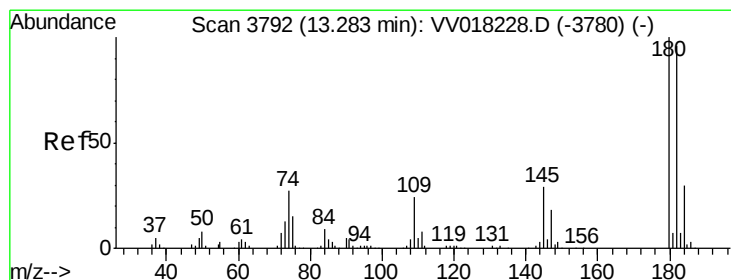
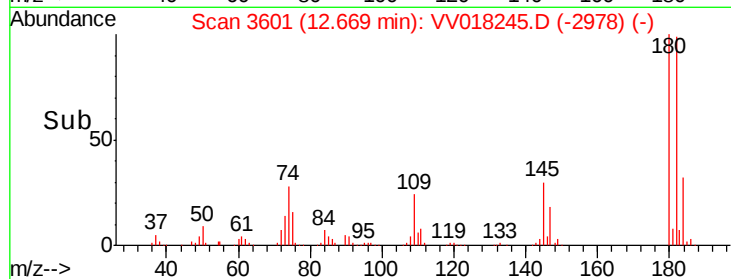
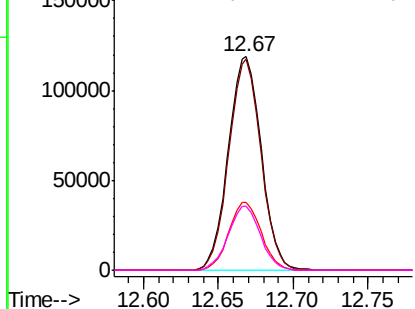
#67
 1,3,5-Trichlorobenzene
 Concen: 46.866 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV018245.D
 Acq: 16 Sep 2020 18:49

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180	Resp:	182452
Ion Ratio	Lower	Upper
180	100	
182	96.4	76.8 115.2
184	31.2	24.6 36.8
145	29.5	22.7 34.1

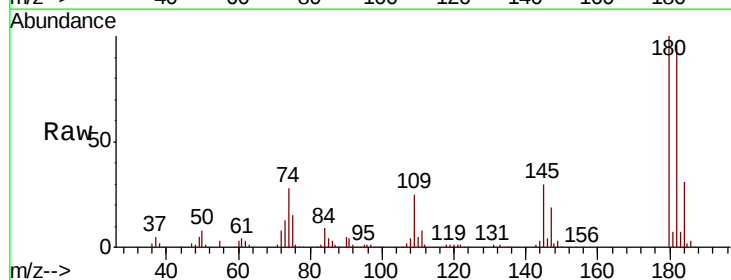


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

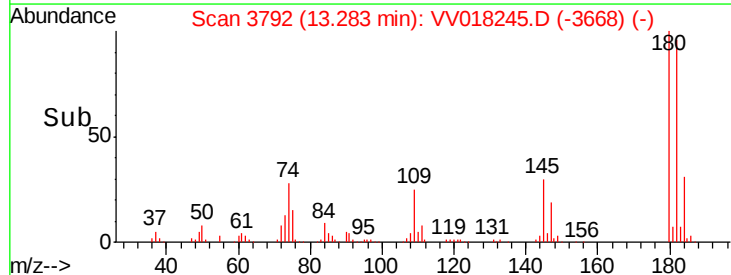
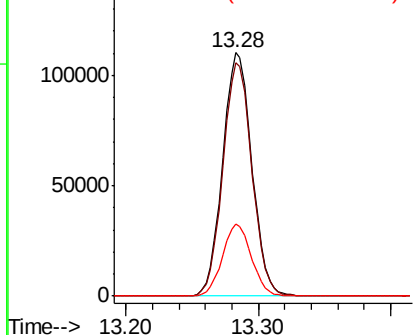


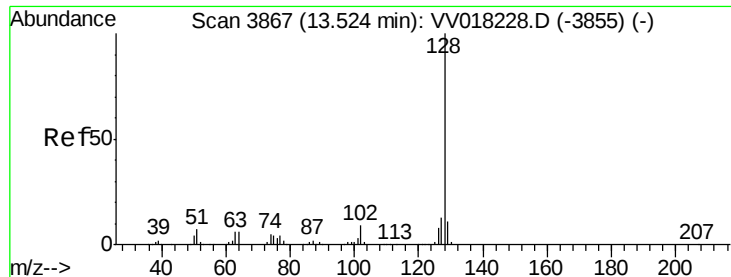
#68
 1,2,4-trichlorobenzene
 Concen: 48.615 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. 0.00 min
 Lab File: VV018245.D
 Acq: 16 Sep 2020 18:49

Tgt Ion:180	Resp:	168538
Ion Ratio	Lower	Upper
180	100	
182	95.4	77.4 116.2
145	29.2	23.2 34.8



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 55.640 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

Instrument :

MSVOA_V

ClientSampleId :

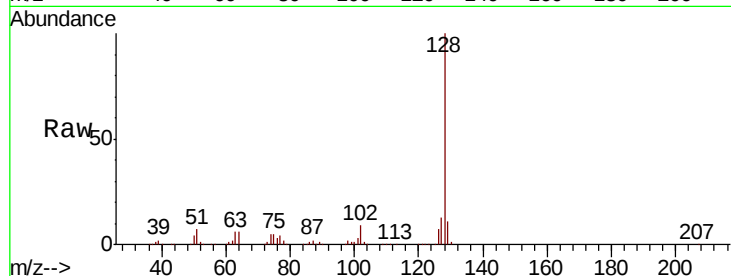
Tot Ion:128 Resp: 488074

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

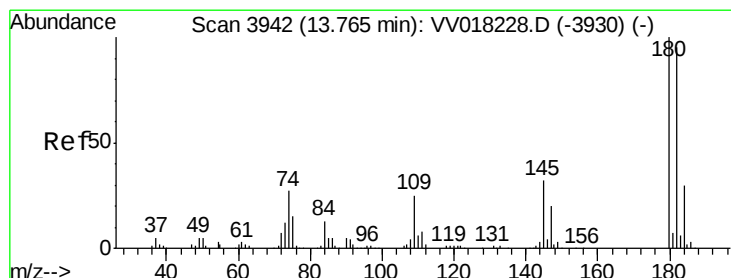
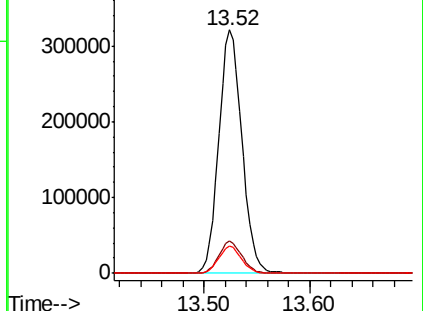
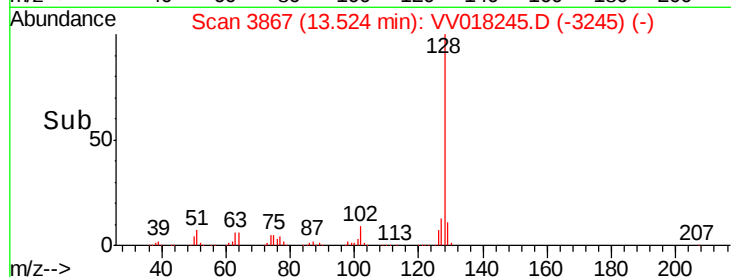
129 10.9 8.6 13.0



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: 50.099 ug/L

RT: 13.77 min Scan# 3942

Delta R.T. 0.00 min

Lab File: VV018245.D

Acq: 16 Sep 2020 18:49

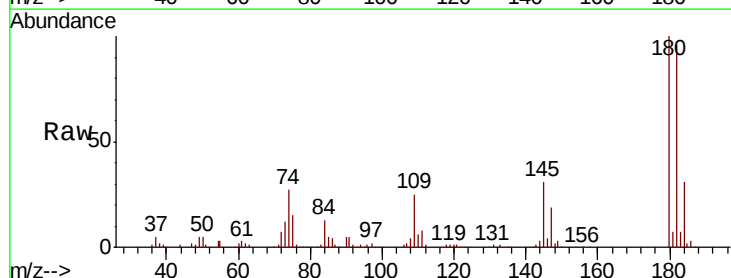
Tgt Ion:180 Resp: 171064

Ion Ratio Lower Upper

180 100

182 96.6 76.5 114.7

145 31.5 24.9 37.3



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

