

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102320\
 Data File : VW016975.D
 Acq On : 23 Oct 2020 09:55
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 00:27:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 23 12:11:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	597645	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	534883	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	272535	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136502	19.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.16%
7) Chloroethane-d5	2.89	69	107584	20.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.52%
10) 1,1-Dichloroethene-d2	4.03	63	290480	21.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.60%
20) 2-Butanone-d5	7.09	46	58860	45.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.60%
24) Chloroform-d	7.65	84	290616	21.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.32%
26) 1,2-Dichloroethane-d4	8.31	65	139026	21.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.72%
29) Benzene-d6	8.28	84	577103	21.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.00%
33) 1,2-Dichloropropane-d6	9.27	67	159596	21.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.08%
37) Toluene-d8	10.33	98	548848	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.88%
38) trans-1,3-Dichloropropene-	10.58	79	69226	21.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.96%
39) 2-Hexanone-d5	10.93	63	50172	48.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	128586	22.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.04%
61) 1,2-Dichlorobenzene-d4	13.85	152	191706	20.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	166924	24.487	ug/L	97
3) Chloromethane	2.21	50	137245	23.326	ug/L	100
5) Vinyl chloride	2.37	62	213911	24.822	ug/L	99
6) Bromomethane	2.79	94	143378	24.497	ug/L	100
8) Chloroethane	2.93	64	125768	25.359	ug/L	98
9) Trichlorofluoromethane	3.26	101	169334	24.773	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	205618	24.959	ug/L	100
12) 1,1-Dichloroethene	4.04	96	195355	24.970	ug/L	94
13) Acetone	4.15	43	44604	51.017	ug/L	100
14) Carbon disulfide	4.39	76	577438	24.346	ug/L	100
15) Methyl Acetate	4.67	43	59905	26.244	ug/L	100
16) Methylene chloride	4.92	84	184919	23.402	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	220833	25.895	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	201056	24.572	ug/L	95
19) 1,1-Dichloroethane	6.22	63	313402	25.011	ug/L	98
21) 2-Butanone	7.18	43	74925	51.207	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	207149	25.042	ug/L	98

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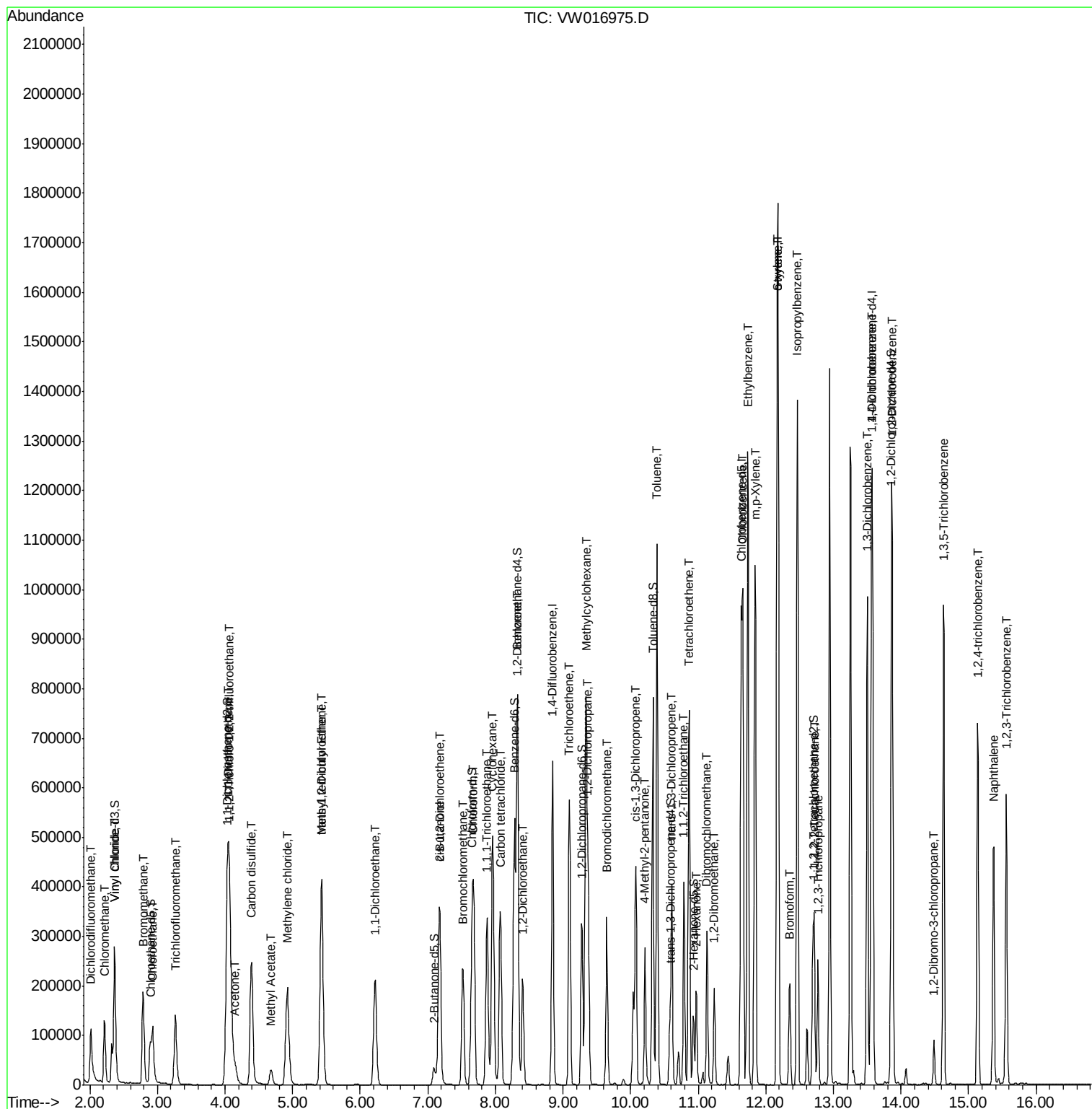
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	97943	25.649	ug/L	98
25) Chloroform	7.68	83	338023	25.340	ug/L	99
27) 1,2-Dichloroethane	8.40	62	197087	25.945	ug/L	99
30) Cyclohexane	7.96	56	286522	25.608	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	291761	25.195	ug/L	99
32) Carbon tetrachloride	8.07	117	286429	25.769	ug/L	97
34) Benzene	8.33	78	750860	25.411	ug/L	100
35) Trichloroethene	9.10	95	205499	25.111	ug/L	99
36) Methylcyclohexane	9.34	83	358524	26.086	ug/L	99
40) 1,2-Dichloropropane	9.37	63	170538	25.843	ug/L	100
41) Bromodichloromethane	9.65	83	233560	26.077	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	269355	26.103	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	169100	54.059	ug/L	99
44) Toluene	10.39	91	821688	25.666	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	226465	26.493	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	138222	26.169	ug/L	98
47) Tetrachloroethene	10.87	164	186011	24.710	ug/L	97
49) 2-Hexanone	10.97	43	110660	55.509	ug/L	99
50) Dibromochloromethane	11.13	129	173082	26.898	ug/L	94
51) 1,2-Dibromoethane	11.24	107	133498	26.510	ug/L	100
52) Chlorobenzene	11.66	112	537139	25.098	ug/L	99
53) Ethylbenzene	11.73	91	921280	25.624	ug/L	99
54) m,p-Xylene	11.84	106	365123	25.813	ug/L	97
55) o-xylene	12.17	106	341542	26.066	ug/L	87
56) Styrene	12.18	104	580883	26.500	ug/L	100
57) Isopropylbenzene	12.46	105	941586	25.980	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	151917	26.796	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	108722	26.797	ug/L	100
62) Bromoform	12.35	173	99835	26.069	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	430776	24.497	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	437934	24.983	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	381234	24.576	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	21986	26.054	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	331389	25.747	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	249072	24.966	ug/L	99
69) Naphthalene	15.37	128	444263	27.454	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	227348	26.151	ug/L	98

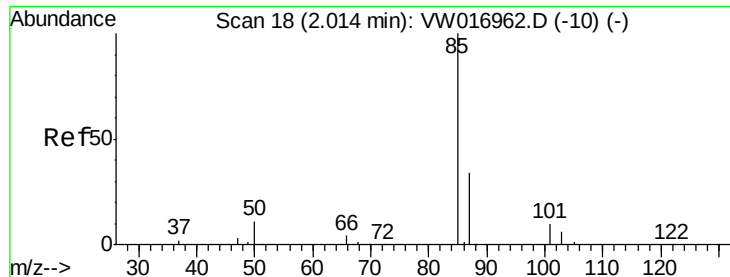
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 24.487 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

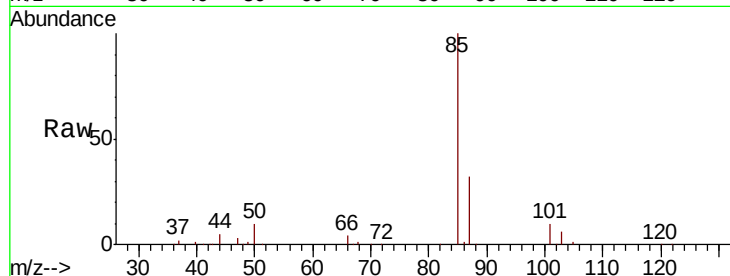
ClientSampleId :

Tot Ion: 85 Resp: 166924

Ion Ratio Lower Upper

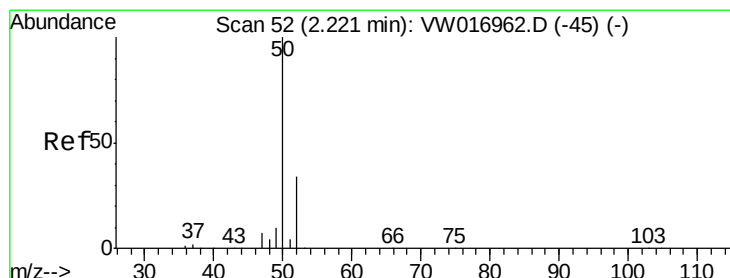
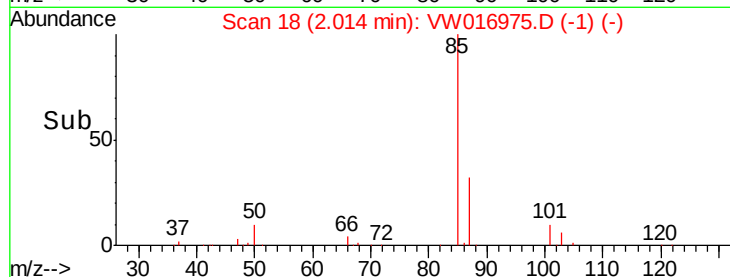
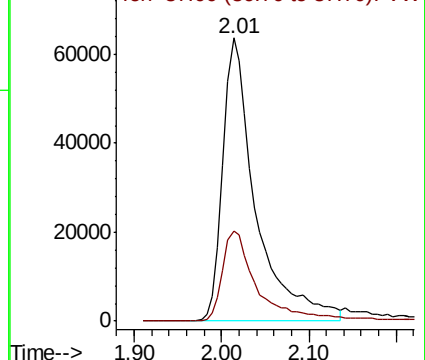
85 100

87 33.5 22.4 41.6



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 23.326 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW016975.D

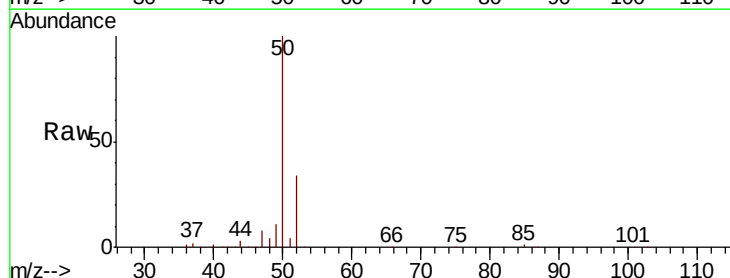
Acq: 23 Oct 2020 09:55

Tgt Ion: 50 Resp: 137245

Ion Ratio Lower Upper

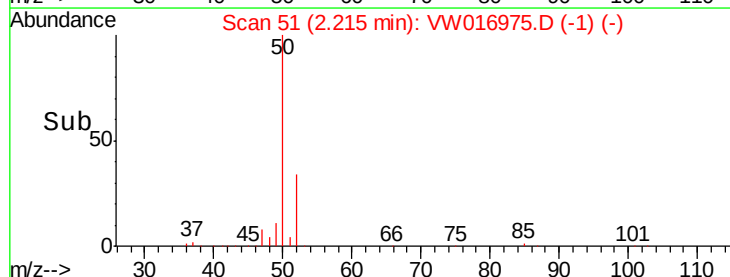
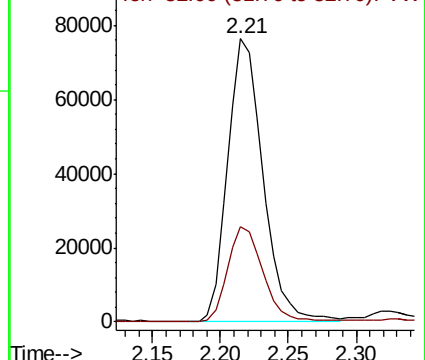
50 100

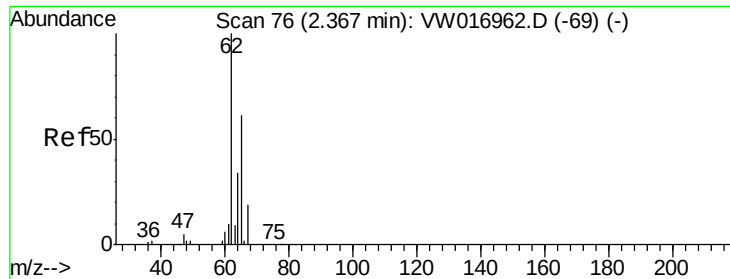
52 33.5 23.5 43.7



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 24.822 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

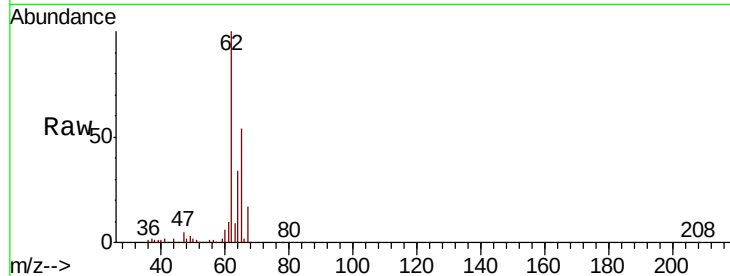
ClientSampleId :

Tot Ion: 62 Resp: 213911

Ion Ratio Lower Upper

62 100

64 34.0 24.1 44.7



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW

2.37

120000

100000

80000

60000

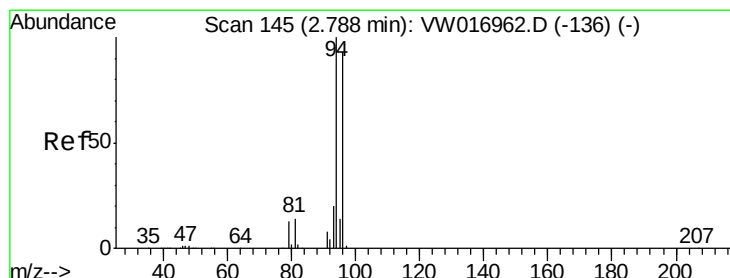
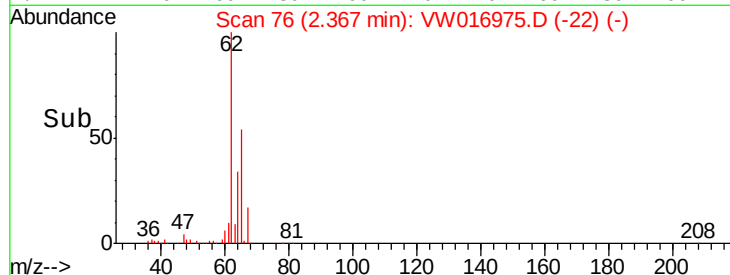
40000

20000

0

Time-->

2.30 2.40 2.50



#6

Bromomethane

Concen: 24.497 ug/L

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW016975.D

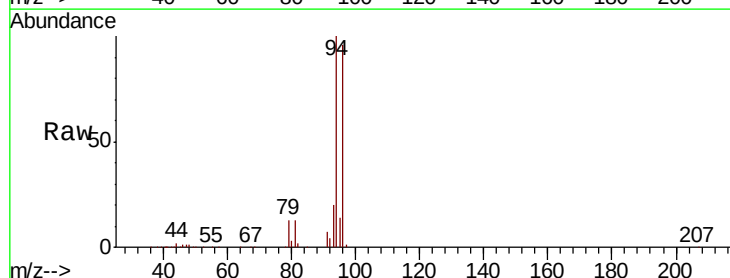
Acq: 23 Oct 2020 09:55

Tgt Ion: 94 Resp: 143378

Ion Ratio Lower Upper

94 100

96 94.4 9.4 178.8



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW

2.79

80000

60000

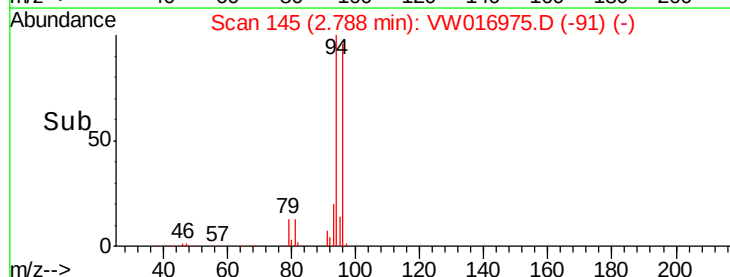
40000

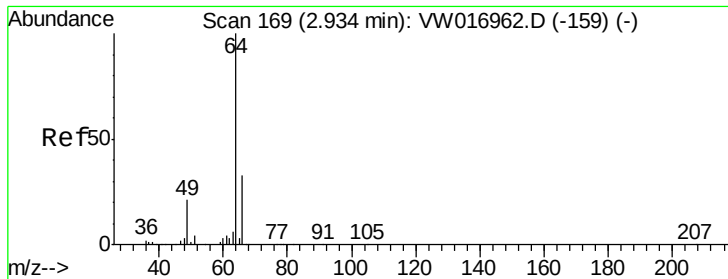
20000

0

Time-->

2.70 2.80 2.90





#8

Chloroethane

Concen: 25.359 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

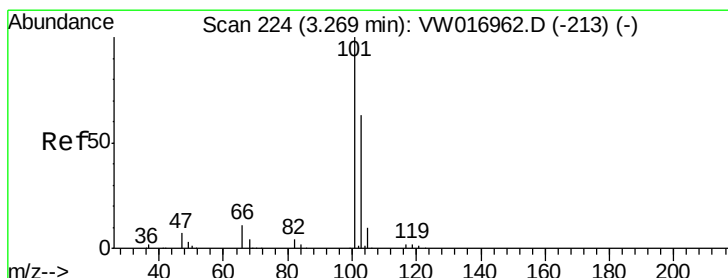
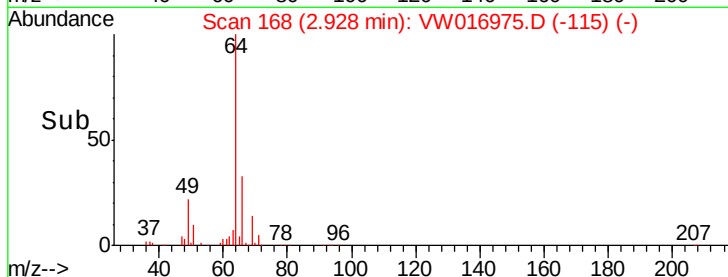
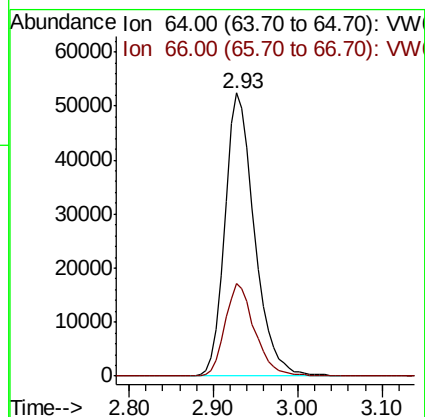
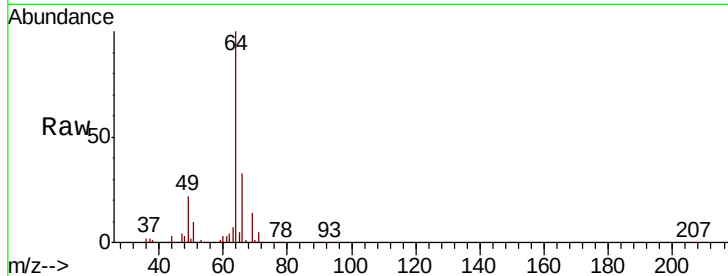
ClientSampled :

Tot Ion: 64 Resp: 125768

Ion Ratio Lower Upper

64 100

66 32.6 23.4 43.6



#9

Trichlorofluoromethane

Concen: 24.773 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.01 min

Lab File: VW016975.D

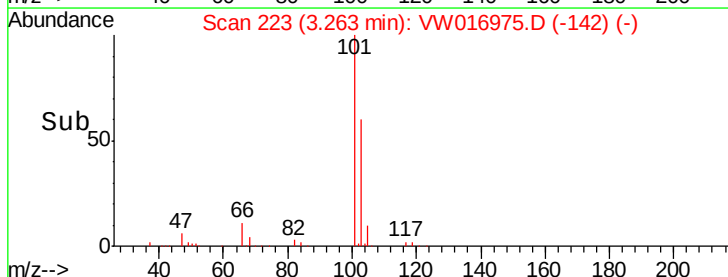
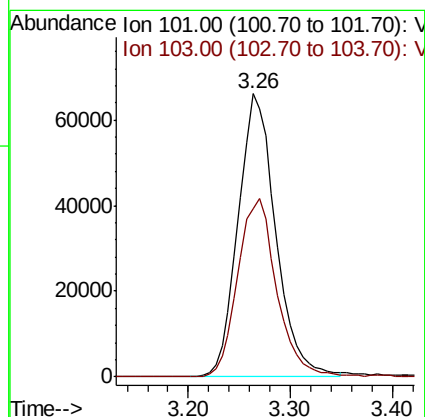
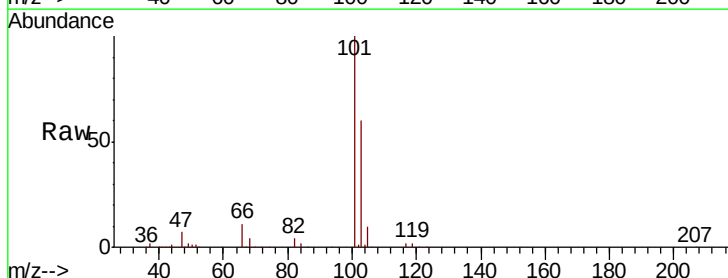
Acq: 23 Oct 2020 09:55

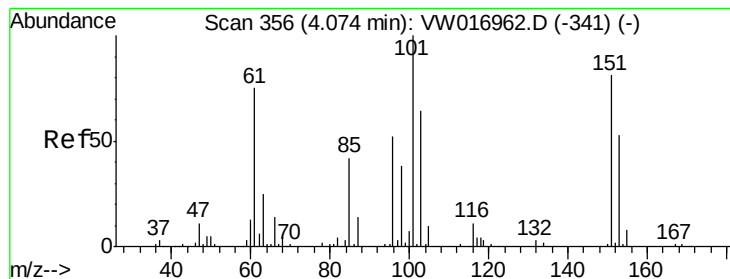
Tgt Ion: 101 Resp: 169334

Ion Ratio Lower Upper

101 100

103 65.2 44.9 83.5





#11

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

Concen: 24.959 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.01 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

ClientSampleId :

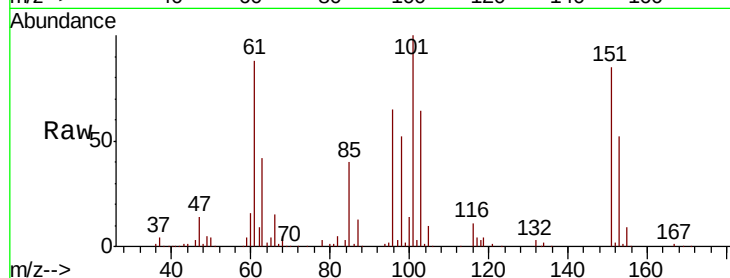
Tot Ion:101 Resp: 205618

Ion Ratio Lower Upper

101 100

85 41.0 32.5 48.7

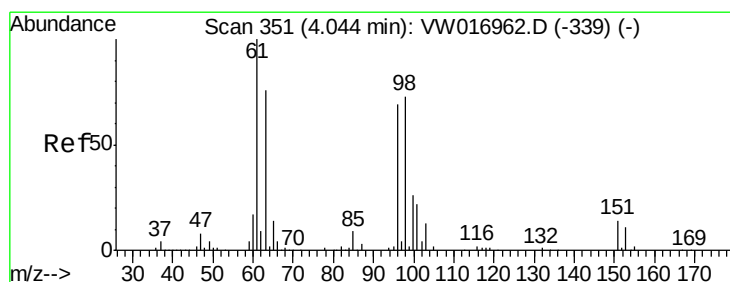
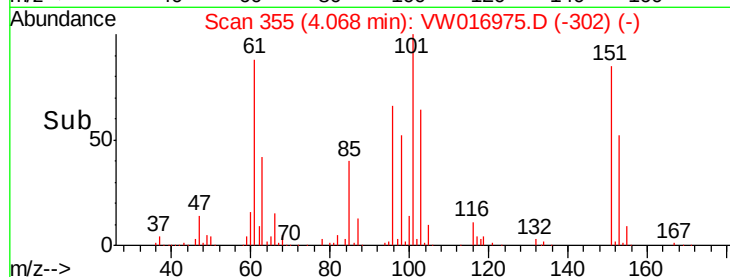
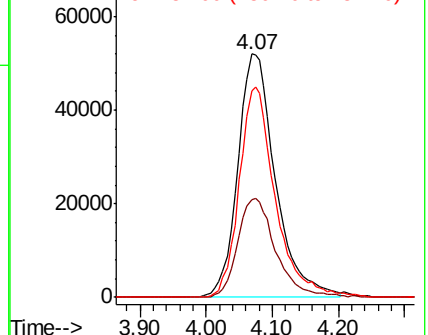
151 82.0 65.7 98.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 24.970 ug/L

RT: 4.04 min Scan# 351

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

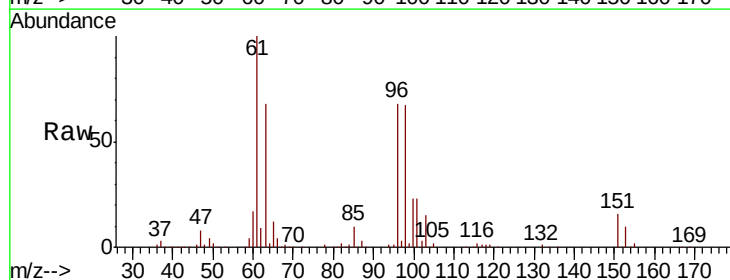
Tgt Ion: 96 Resp: 195355

Ion Ratio Lower Upper

96 100

61 147.3 101.4 188.4

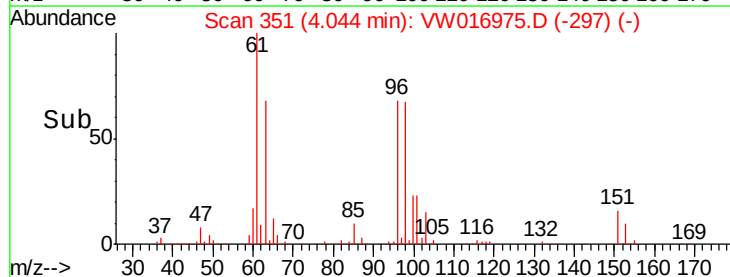
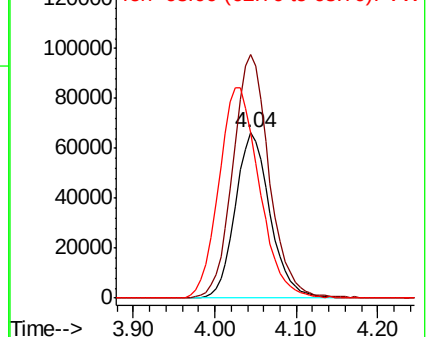
63 100.2 78.5 145.9

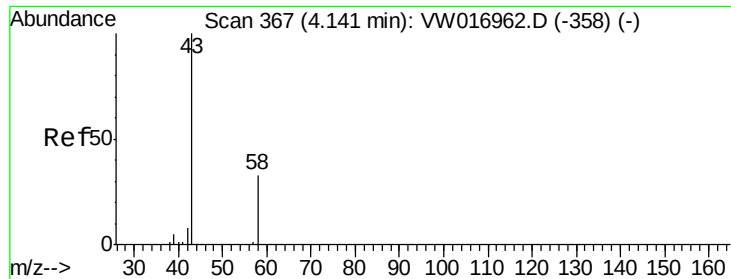


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 51.017 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

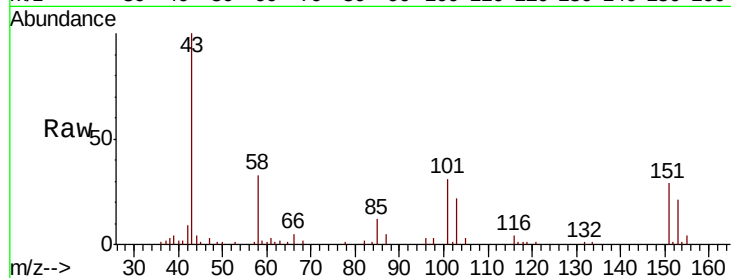
ClientSampleId :

Tot Ion: 43 Resp: 44604

Ion Ratio Lower Upper

43 100

58 35.1 0.0 69.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

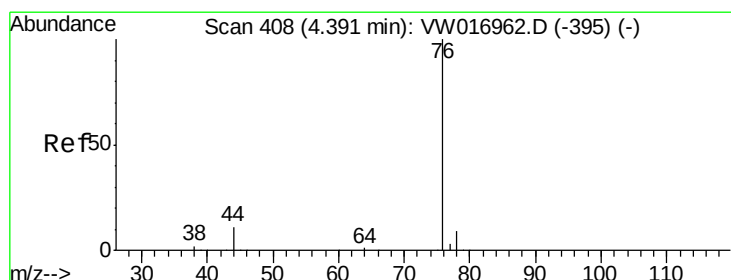
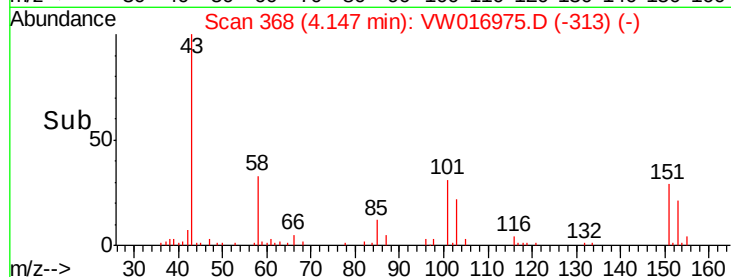
15000

10000

5000

0

Time-->



#14

Carbon disulfide

Concen: 24.346 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016975.D

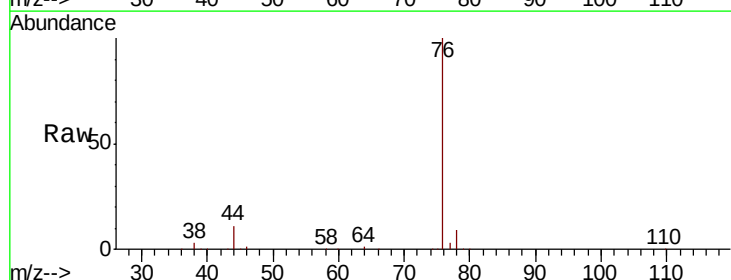
Acq: 23 Oct 2020 09:55

Tgt Ion: 76 Resp: 577438

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.39

200000

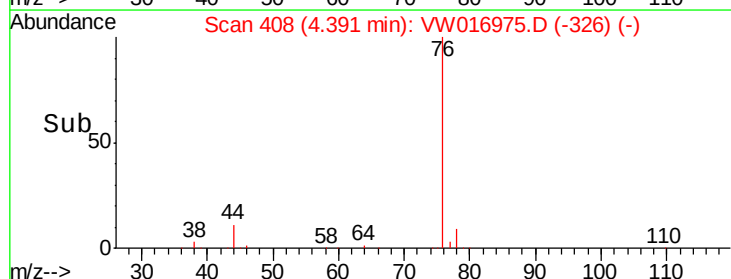
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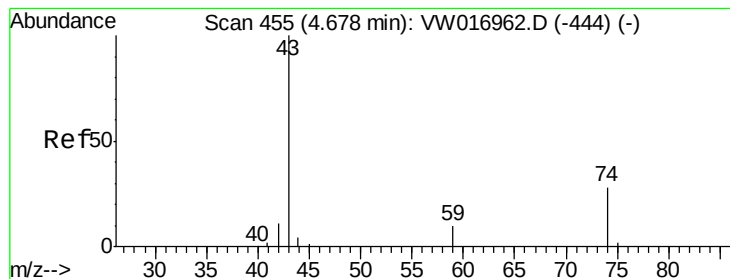
100000

50000

0

Time-->





#15

Methyl Acetate

Concen: 26.244 ug/L

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

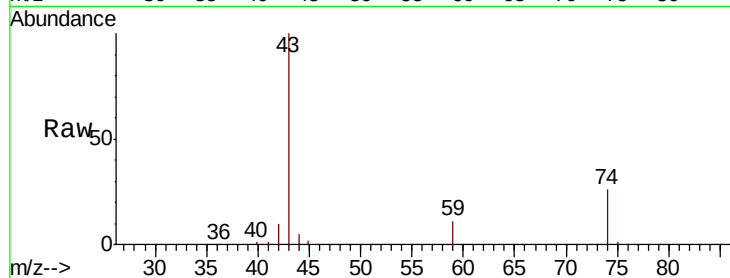
ClientSampleId :

Tot Ion: 43 Resp: 59905

Ion Ratio Lower Upper

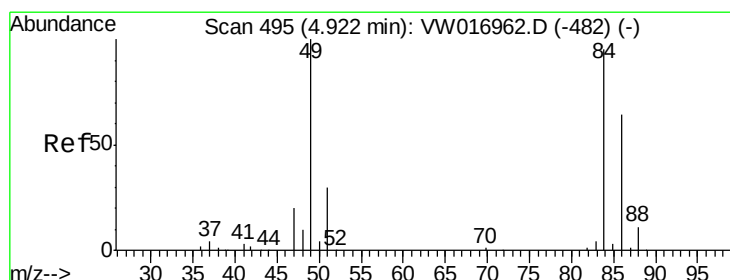
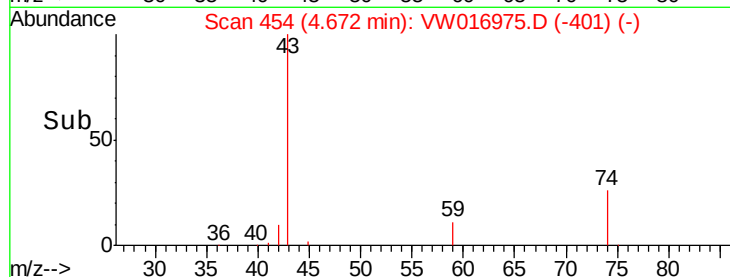
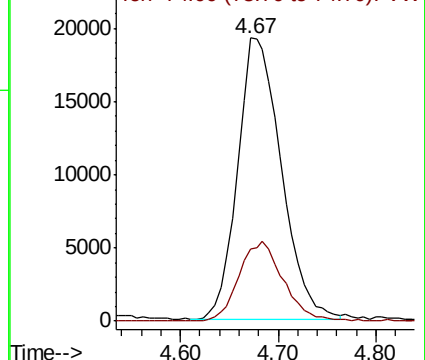
43 100

74 28.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 23.402 ug/L

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

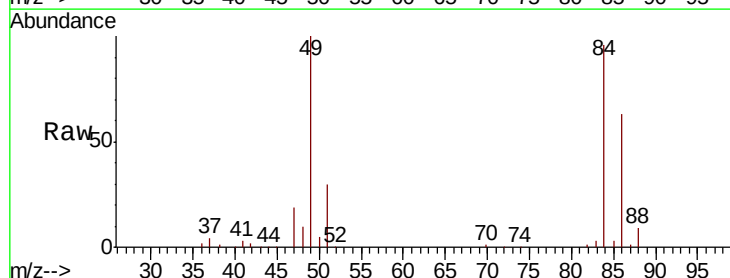
Tgt Ion: 84 Resp: 184919

Ion Ratio Lower Upper

84 100

49 104.4 73.8 137.0

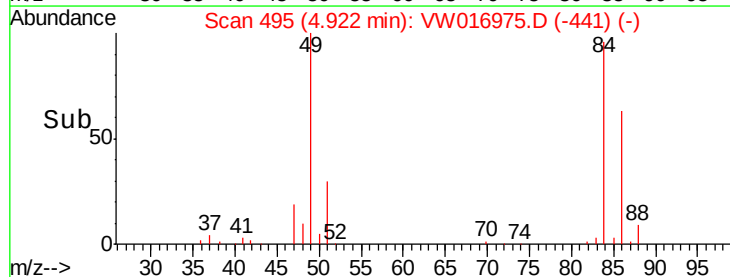
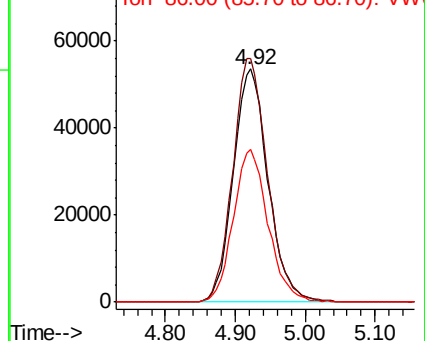
86 65.6 47.4 88.0

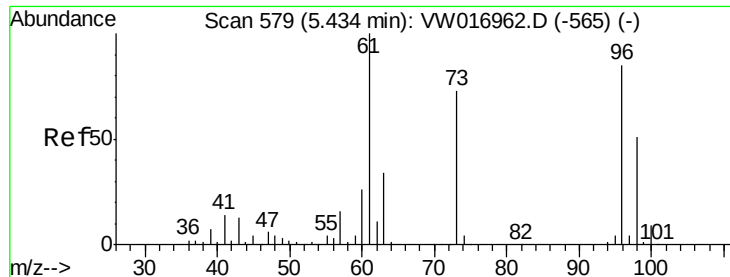


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

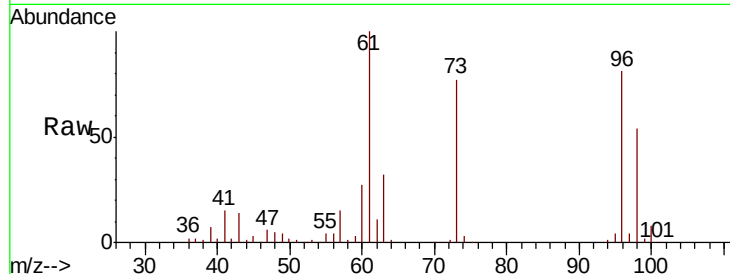




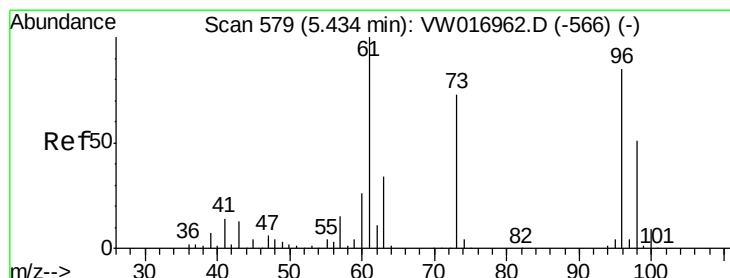
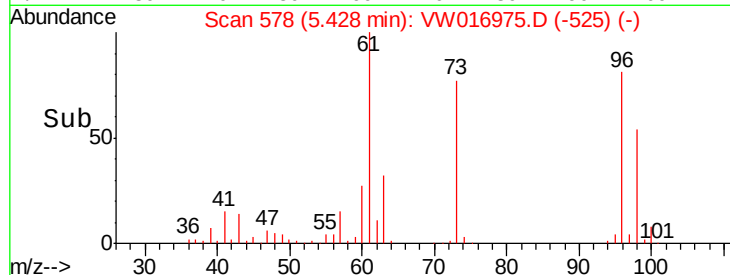
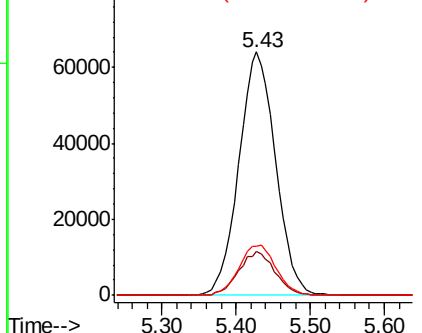
#17
Methyl tert-butyl Ether
Concen: 25.895 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016975.D
Acq: 23 Oct 2020 09:55

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 73 Resp: 220833
Ion Ratio Lower Upper
73 100
43 17.8 14.4 21.6
57 20.9 16.6 25.0

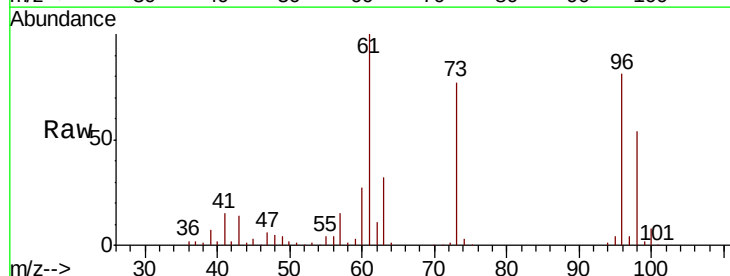


Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

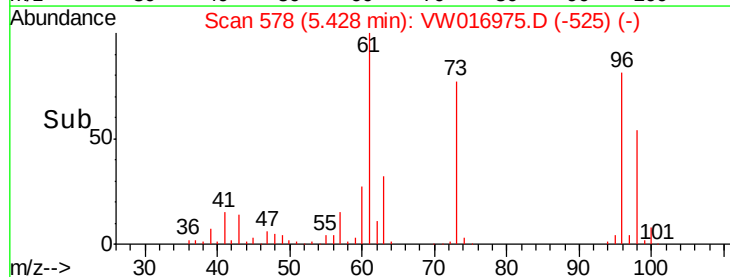
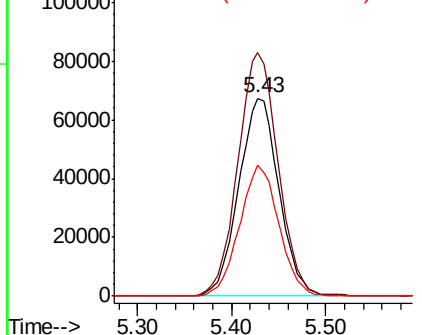


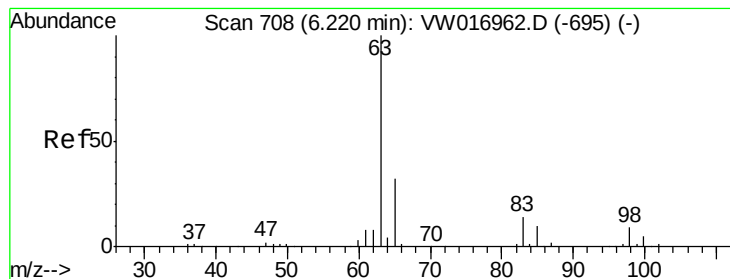
#18
trans-1,2-Dichloroethene
Concen: 24.572 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016975.D
Acq: 23 Oct 2020 09:55

Tgt Ion: 96 Resp: 201056
Ion Ratio Lower Upper
96 100
61 123.3 82.7 153.7
98 66.0 42.6 79.0



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





#19

1,1-Dichloroethane

Concen: 25.011 ug/L

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

ClientSampled :

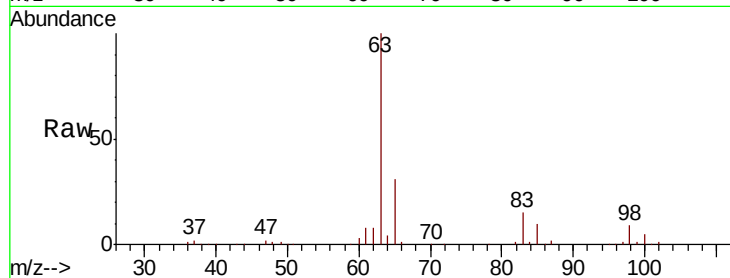
Tot Ion: 63 Resp: 313402

Ion Ratio Lower Upper

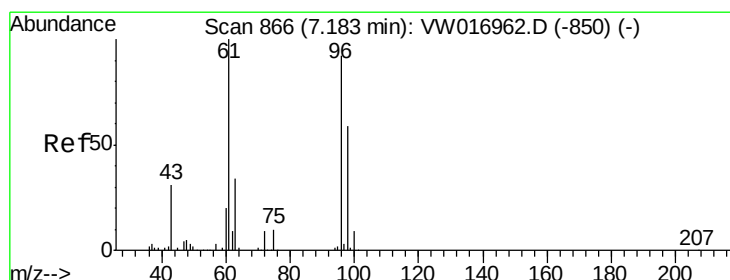
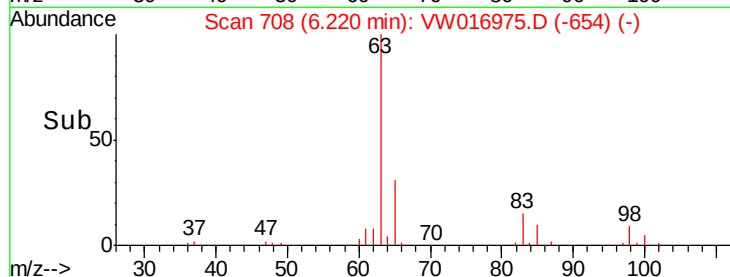
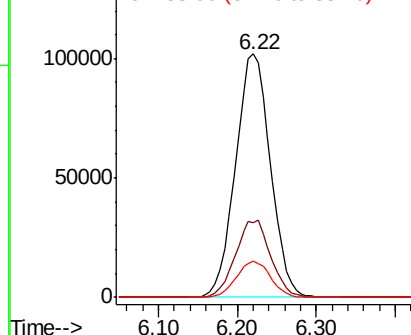
63 100

65 30.8 22.5 41.9

83 14.9 10.1 18.9



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



#21

2-Butanone

Concen: 51.207 ug/L

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW016975.D

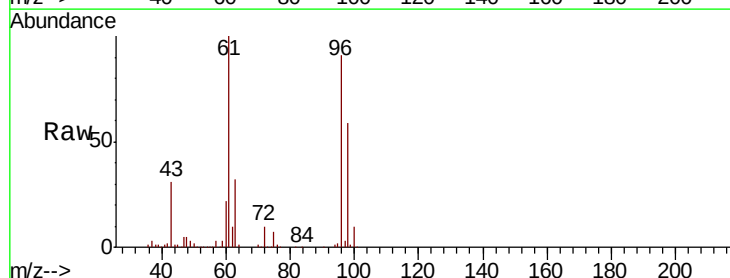
Acq: 23 Oct 2020 09:55

Tgt Ion: 43 Resp: 74925

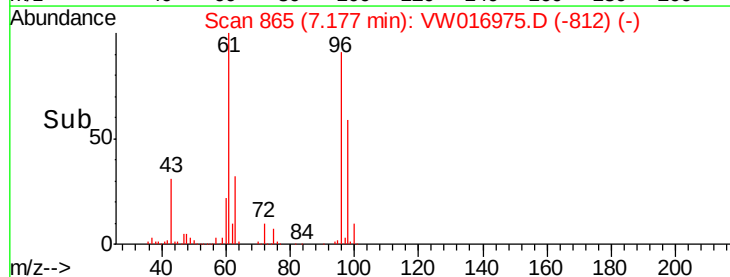
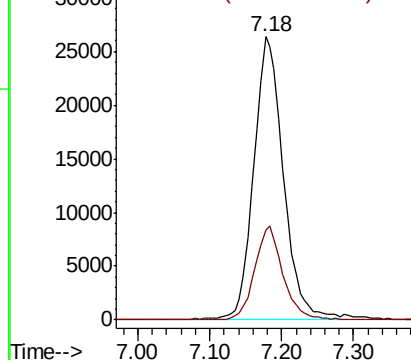
Ion Ratio Lower Upper

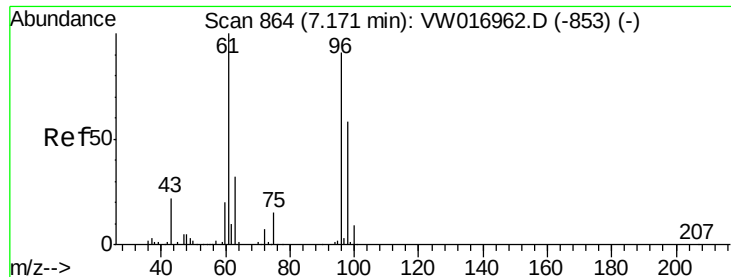
43 100

72 31.6 16.1 48.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



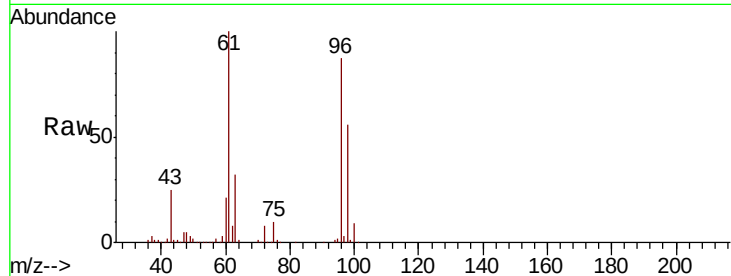


#22

cis-1,2-Dichloroethene
 Concen: 25.042 ug/L
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion	96	Resp	207149
Ion	Ratio	Lower	Upper
96	100		
61	114.4	77.4	143.8
98	64.0	44.4	82.5

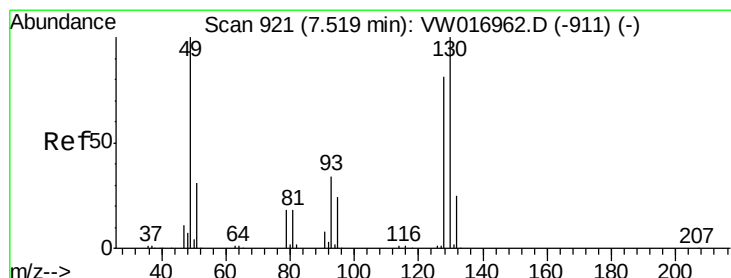
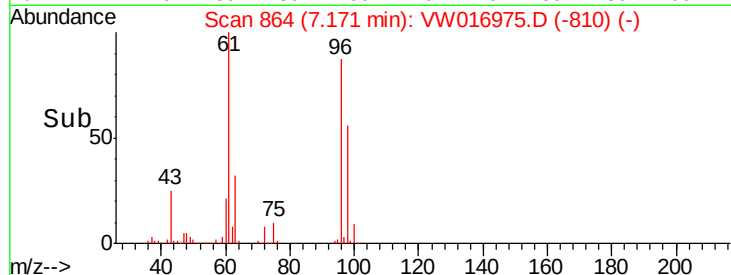
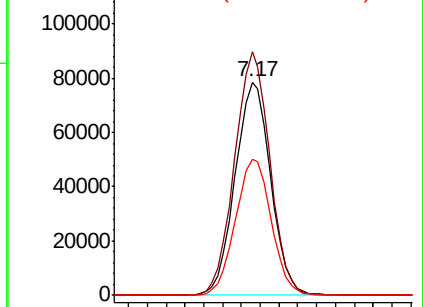


Abundance

Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

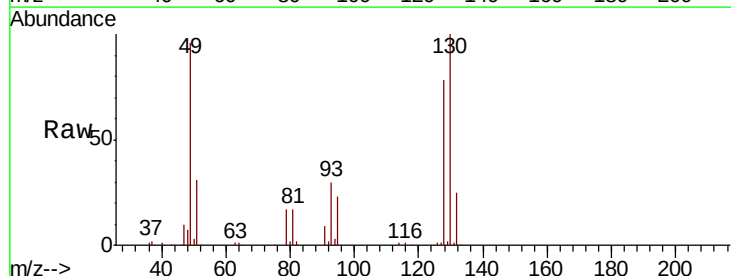
Ion 98.00 (97.70 to 98.70): VW



#23

Bromochloromethane
 Concen: 25.649 ug/L
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

Tgt Ion	128	Resp	97943
Ion	Ratio	Lower	Upper
128	100		
49	122.7	86.4	160.4
130	127.4	86.4	160.4
51	39.5	30.9	46.3



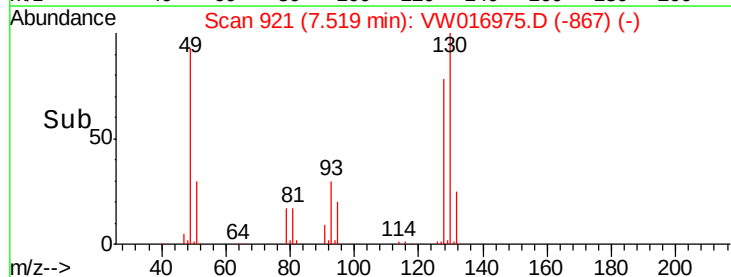
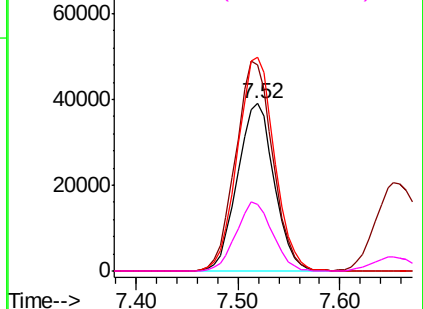
Abundance

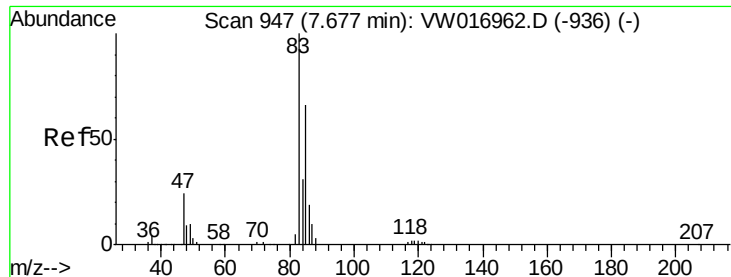
Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VW

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VW





#25

Chloroform

Concen: 25.340 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

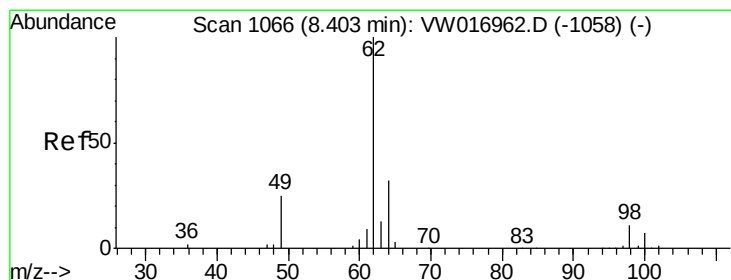
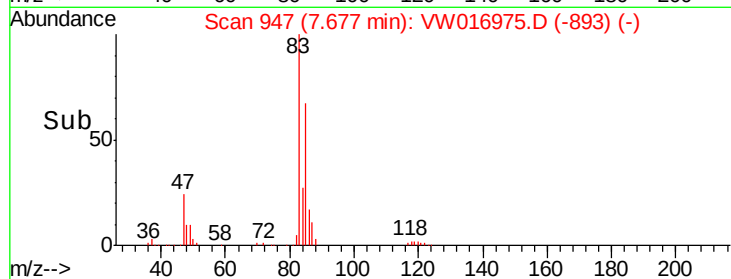
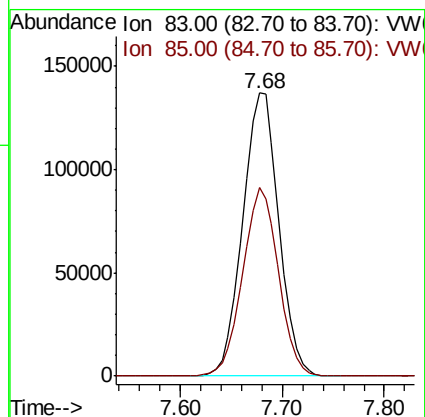
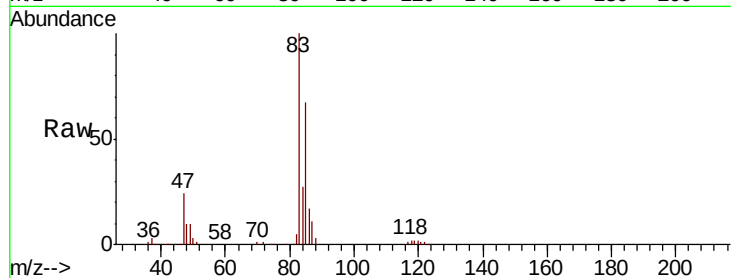
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 83 Resp: 338023

Ion Ratio Lower Upper

83 100

85 65.9 46.6 86.6



#27

1,2-Dichloroethane

Concen: 25.945 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016975.D

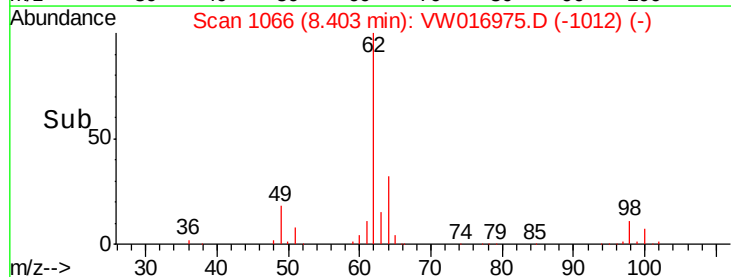
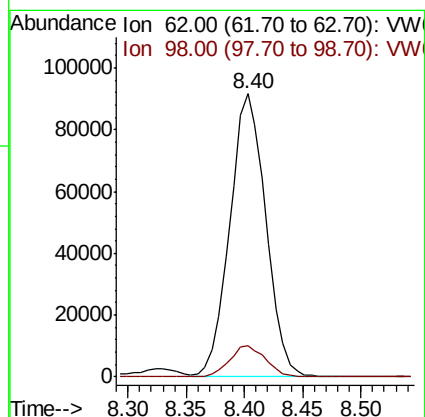
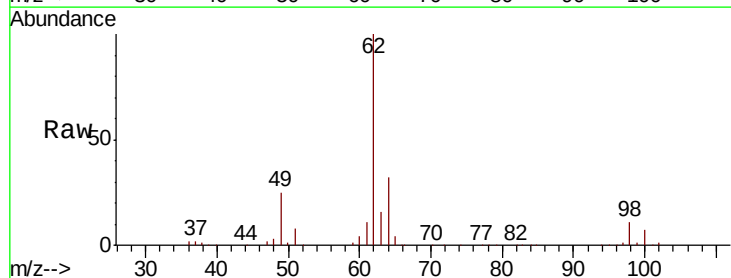
Acq: 23 Oct 2020 09:55

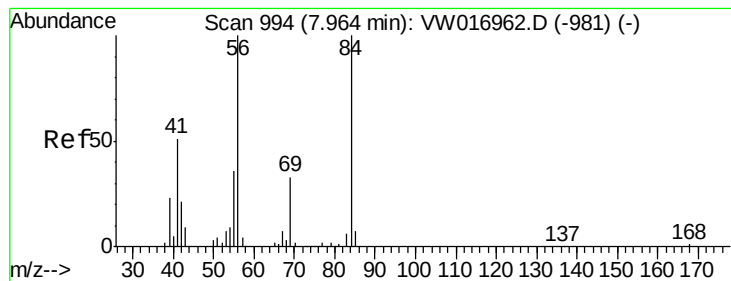
Tgt Ion: 62 Resp: 197087

Ion Ratio Lower Upper

62 100

98 11.1 8.5 12.7





#30

Cyclohexane

Concen: 25.608 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.01 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

ClientSampled :

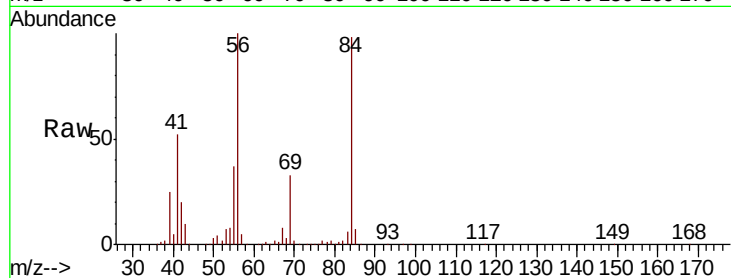
Tot Ion: 56 Resp: 286522

Ion Ratio Lower Upper

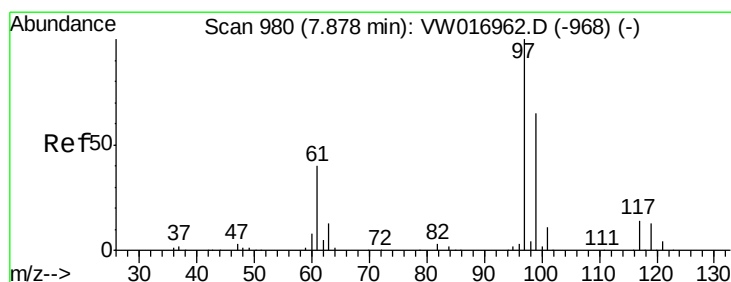
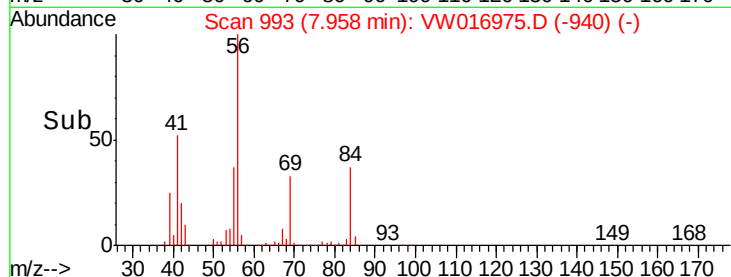
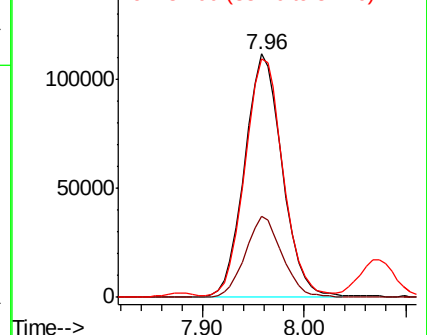
56 100

69 32.5 26.0 39.0

84 99.3 78.6 118.0



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



#31

1,1,1-Trichloroethane

Concen: 25.195 ug/L

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

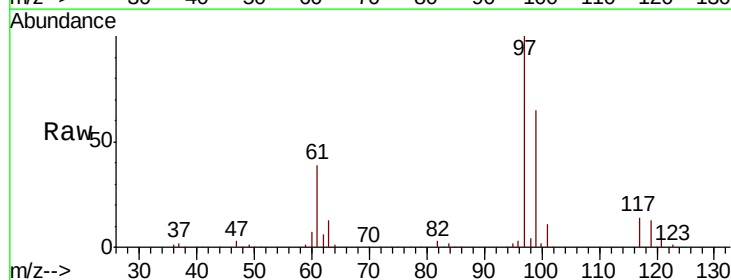
Tgt Ion: 97 Resp: 291761

Ion Ratio Lower Upper

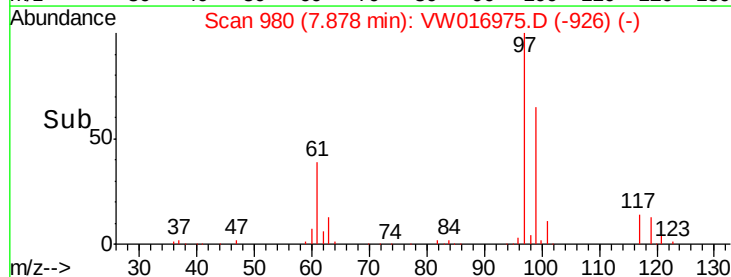
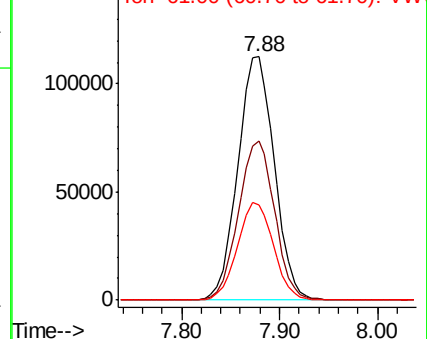
97 100

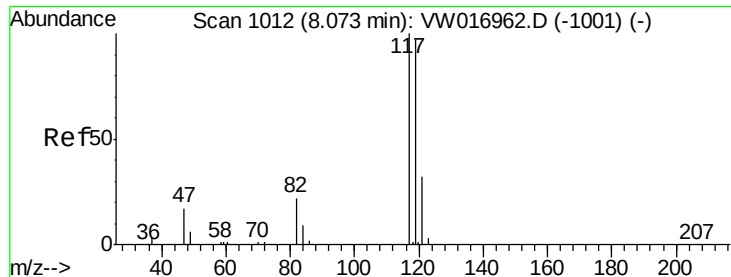
99 64.8 51.3 76.9

61 39.7 31.8 47.8



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 25.769 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

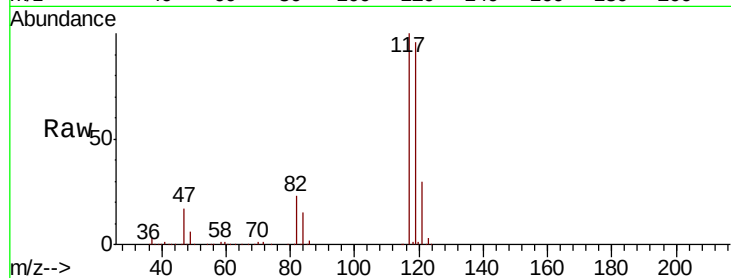
ClientSampleId :

Tot Ion:117 Resp: 286429

Ion Ratio Lower Upper

117 100

119 94.9 78.0 117.0



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

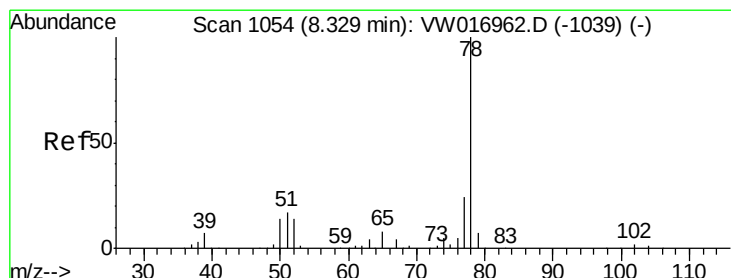
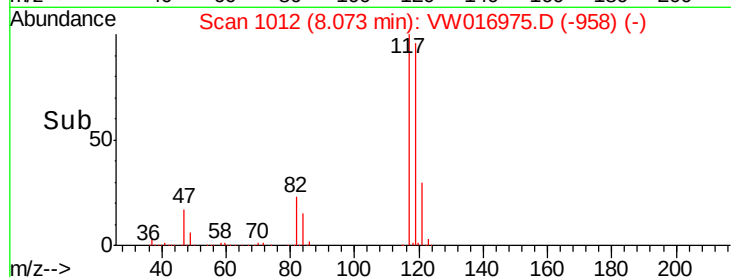
8.07

100000

50000

0

Time--> 7.95 8.00 8.05 8.10 8.15



#34

Benzene

Concen: 25.411 ug/L

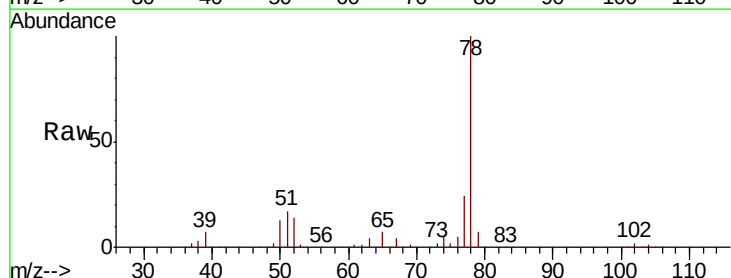
RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Tgt Ion: 78 Resp: 750860



Abundance Ion 78.00 (77.70 to 78.70): VW

8.33

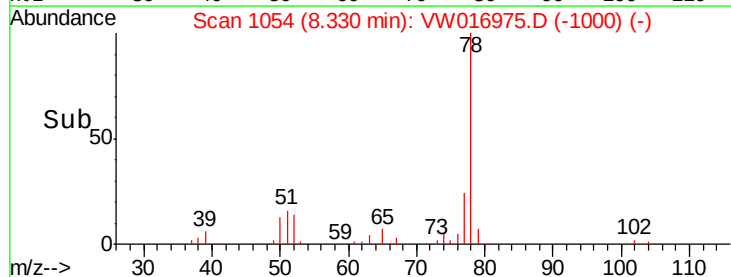
300000

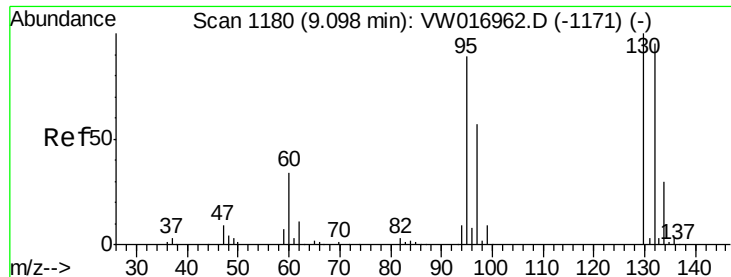
200000

100000

0

Time--> 8.20 8.30 8.40

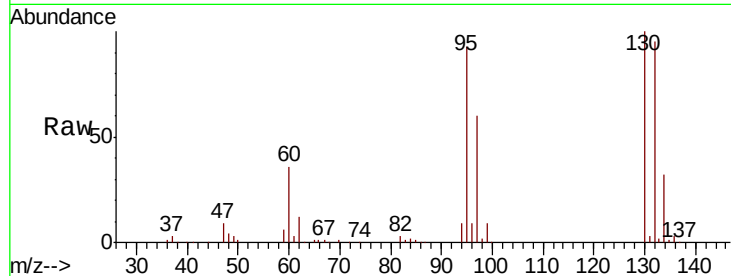




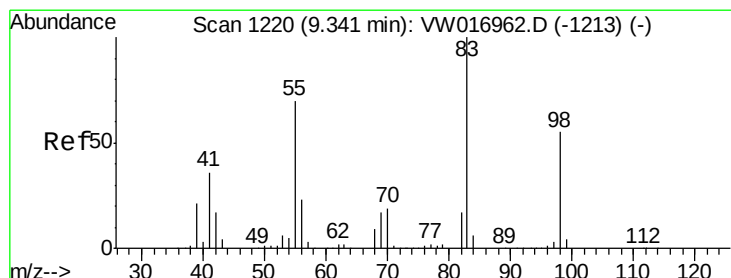
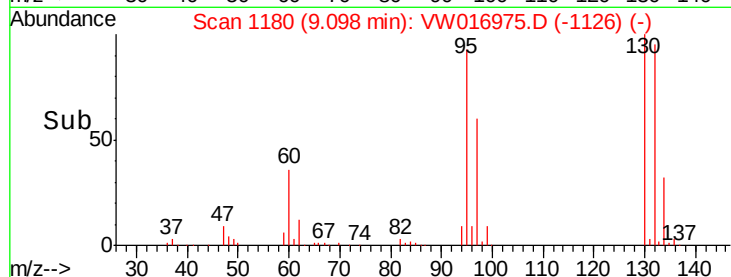
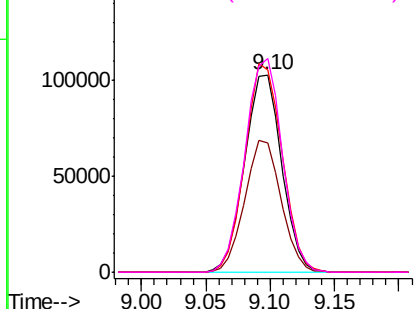
#35
 Trichloroethene
 Concen: 25.111 ug/L
 RT: 9.10 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 95 Resp: 205499
 Ion Ratio Lower Upper
 95 100
 97 65.4 46.0 85.4
 132 105.8 73.9 137.3
 130 109.0 77.6 144.2

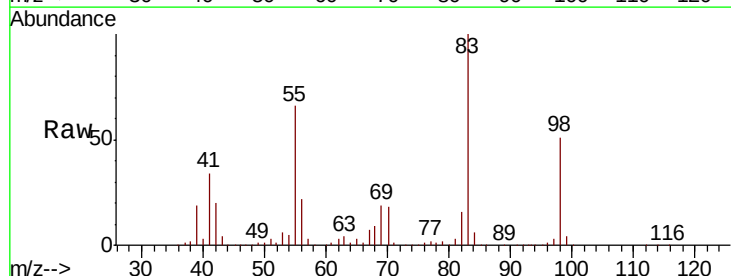


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

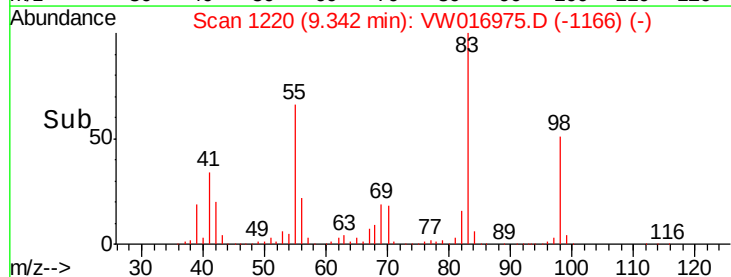
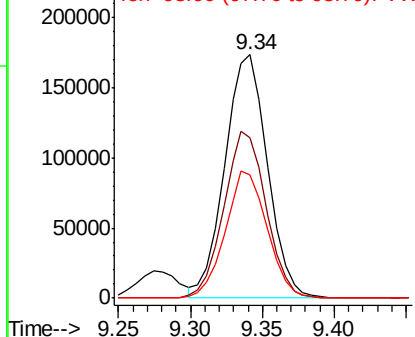


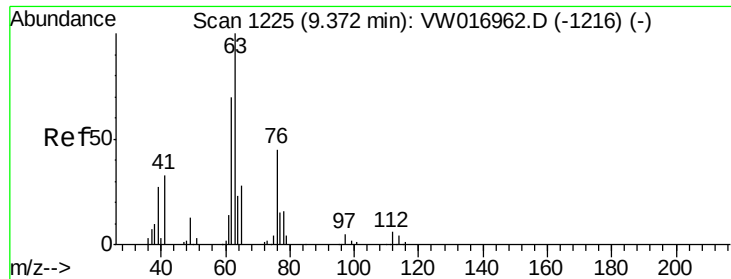
#36
 Methylcyclohexane
 Concen: 26.086 ug/L
 RT: 9.34 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

Tgt Ion: 83 Resp: 358524
 Ion Ratio Lower Upper
 83 100
 55 67.6 54.5 81.7
 98 51.3 40.8 61.2



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

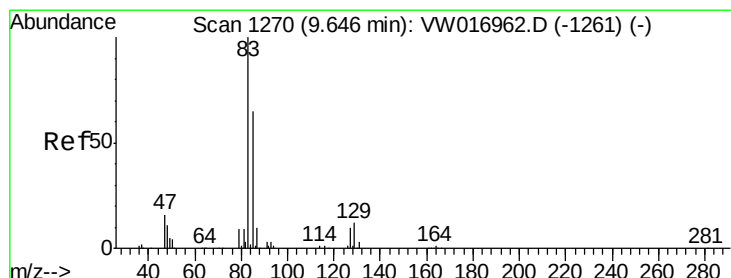
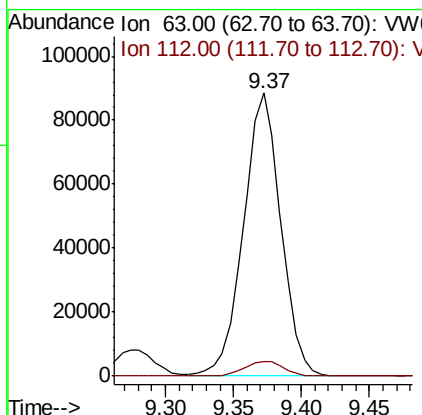
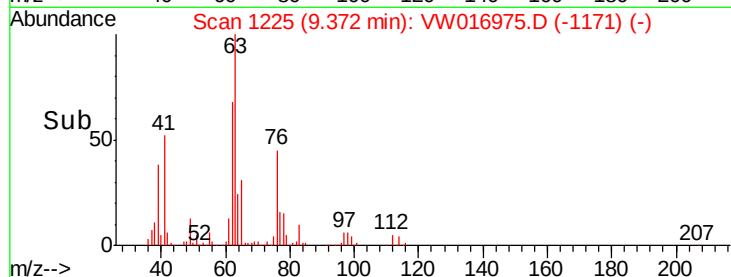
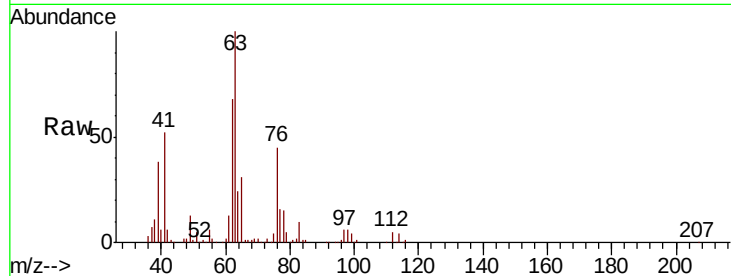




#40
 1,2-Dichloropropane
 Concen: 25.843 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

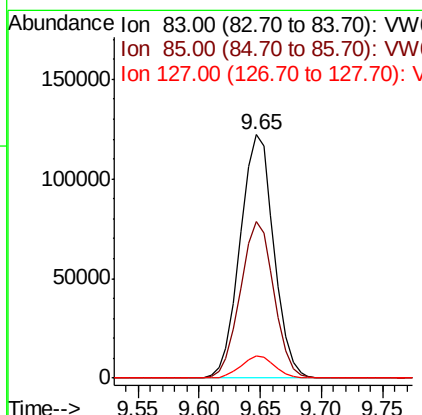
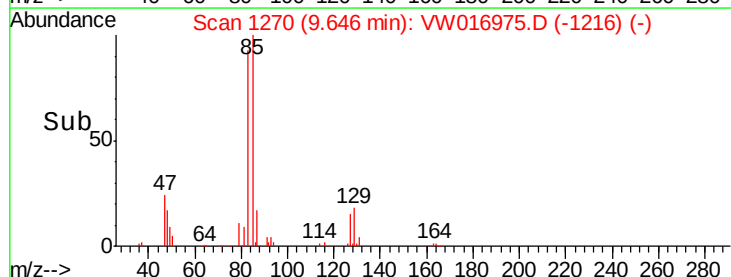
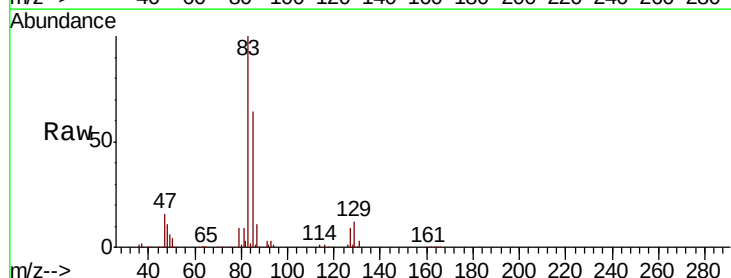
Instrument :
 MSVOA_W
 ClientSampled :

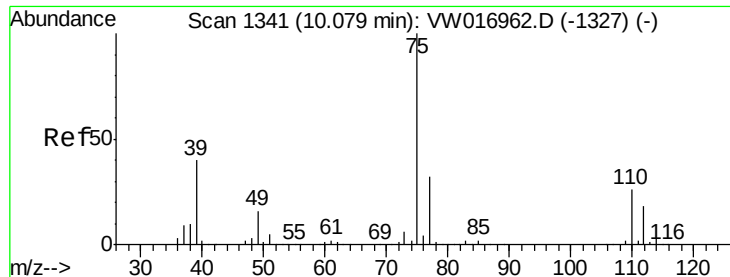
Tot Ion: 63 Resp: 170538
 Ion Ratio Lower Upper
 63 100
 112 5.6 4.5 6.7



#41
 Bromodichloromethane
 Concen: 26.077 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

Tgt Ion: 83 Resp: 233560
 Ion Ratio Lower Upper
 83 100
 85 64.2 45.1 83.9
 127 9.3 7.8 11.6





#42

cis-1,3-Dichloropropene

Concen: 26.103 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

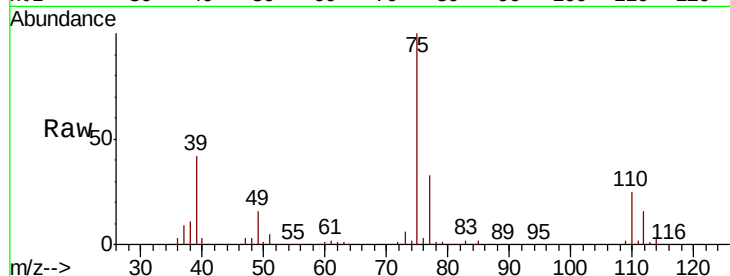
ClientSampleId :

Tot Ion: 75 Resp: 269355

Ion Ratio Lower Upper

75 100

77 33.0 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.07

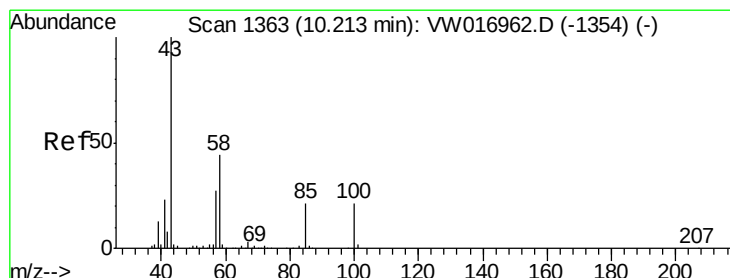
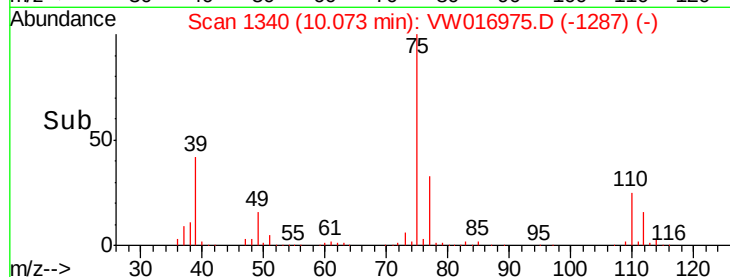
150000

100000

50000

0

Time-->



#43

4-Methyl-2-pentanone

Concen: 54.059 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

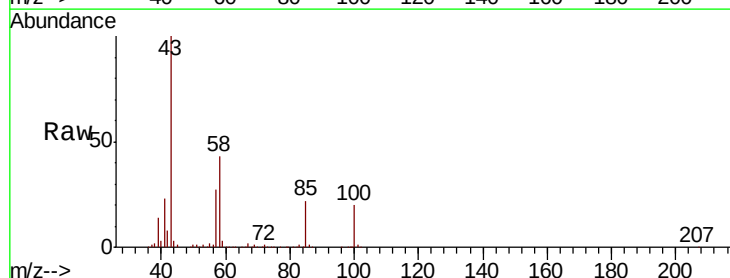
Tgt Ion: 43 Resp: 169100

Ion Ratio Lower Upper

43 100

58 43.2 34.4 51.6

100 21.0 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 100.00 (99.70 to 100.70): VW

250000

200000

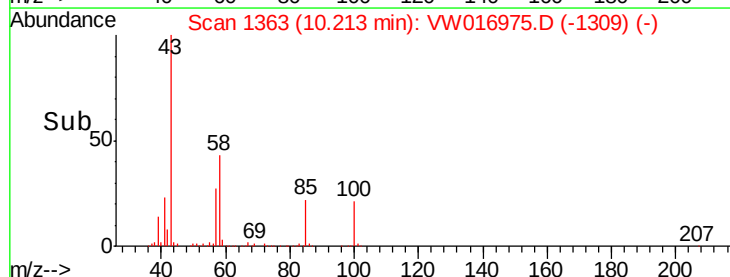
150000

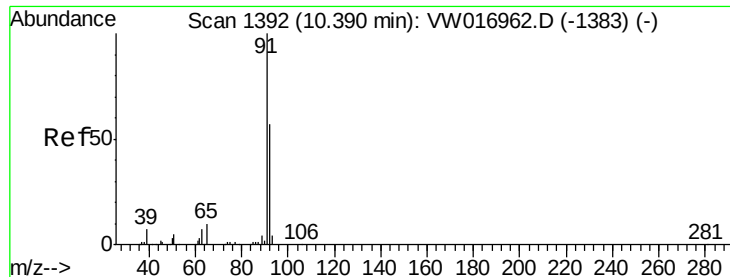
100000

50000

0

Time-->





#44

Toluene

Concen: 25.666 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

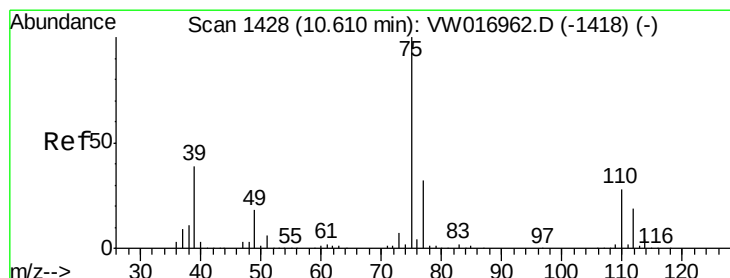
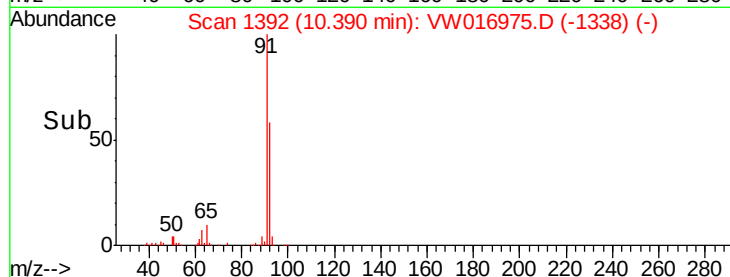
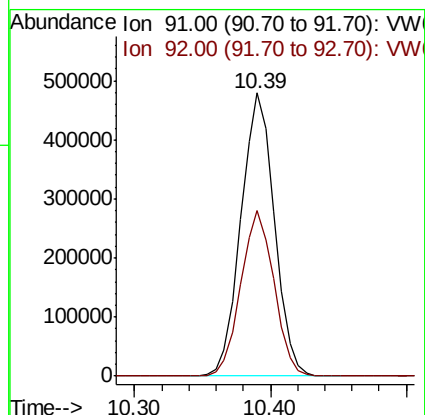
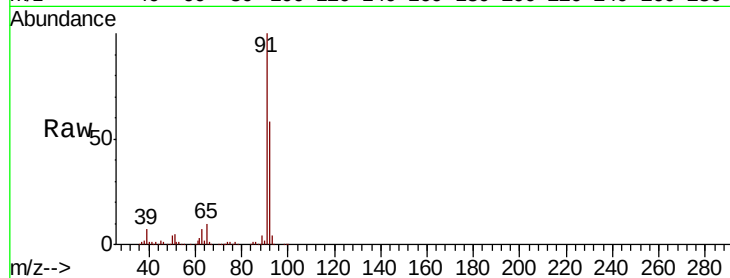
ClientSampleId :

Tot Ion: 91 Resp: 821688

Ion Ratio Lower Upper

91 100

92 58.3 40.1 74.5



#45

trans-1,3-Dichloropropene

Concen: 26.493 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW016975.D

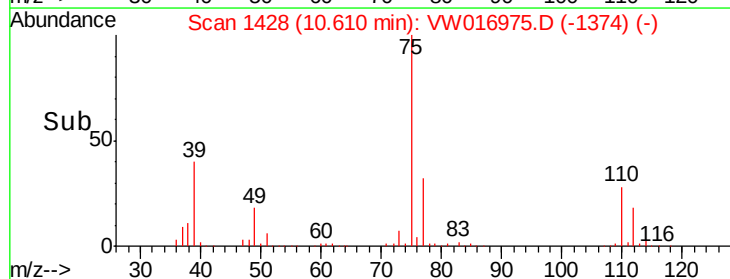
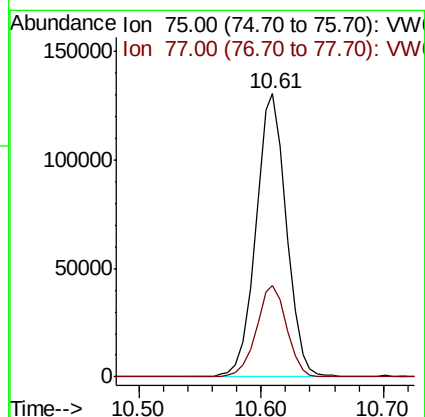
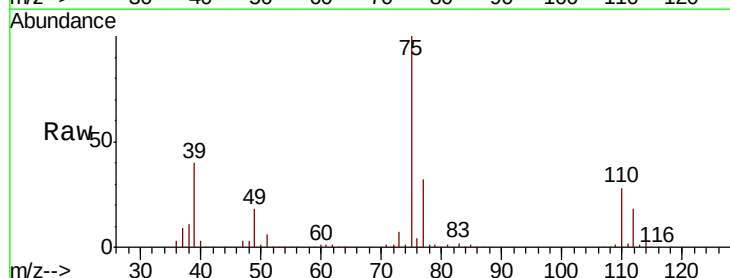
Acq: 23 Oct 2020 09:55

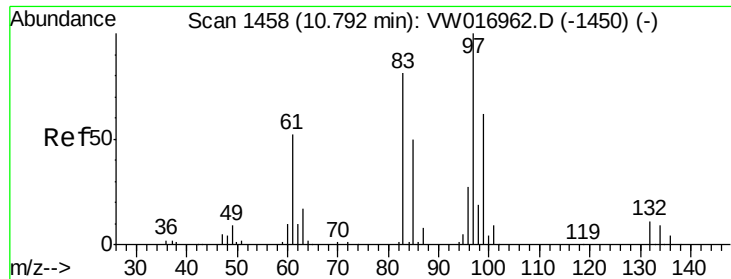
Tgt Ion: 75 Resp: 226465

Ion Ratio Lower Upper

75 100

77 32.2 22.7 42.3

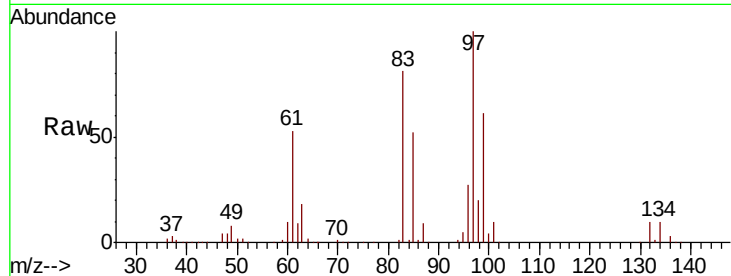




#46
 1,1,2-Trichloroethane
 Concen: 26.169 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:	97	Resp:	138222
Ion	Ratio	Lower	Upper
97	100		
83	81.3	56.6	105.0
85	51.9	34.6	64.3
99	61.2	43.5	80.9



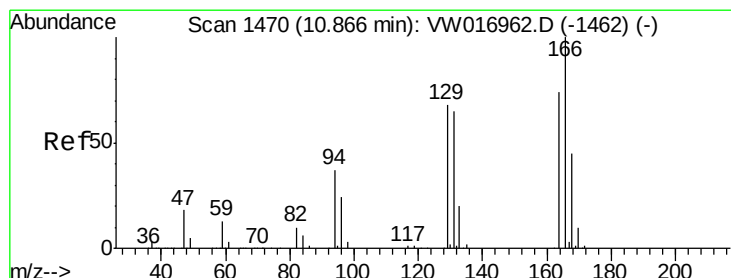
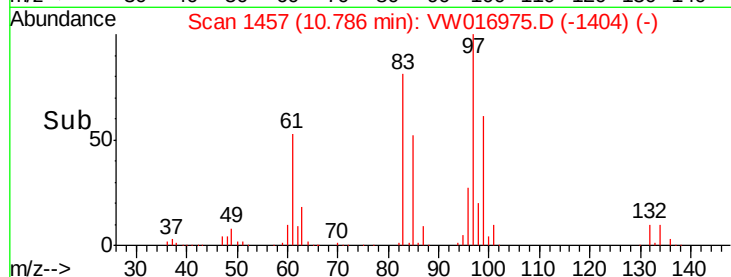
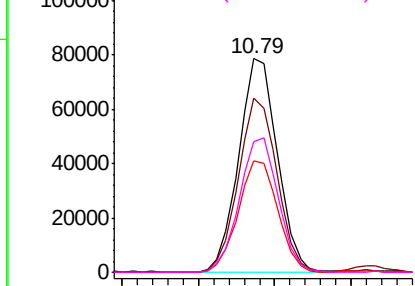
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

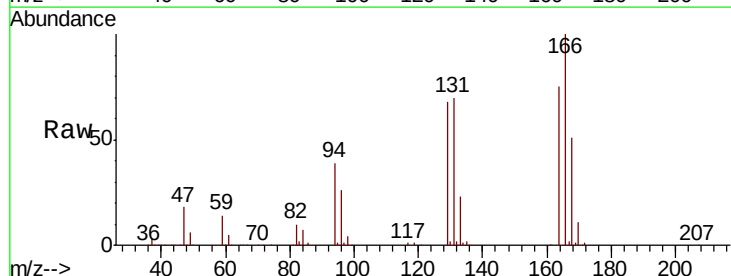
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
 Tetrachloroethene
 Concen: 24.710 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

Tgt Ion:	164	Resp:	186011
Ion	Ratio	Lower	Upper
164	100		
129	90.7	64.0	119.0
131	93.3	61.7	114.5
166	132.6	94.6	175.8



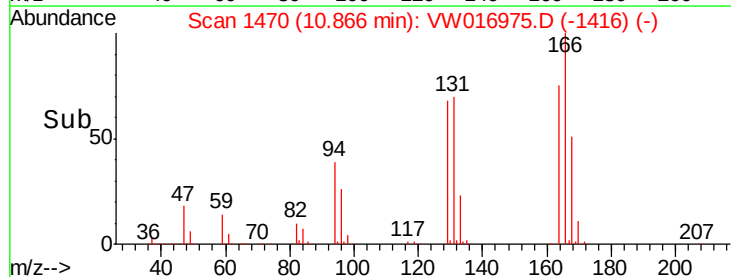
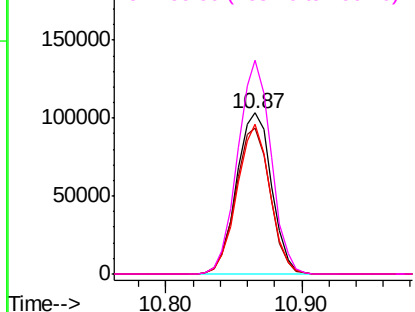
Abundance

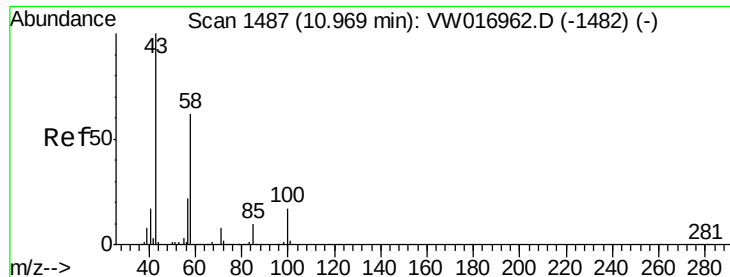
Ion 164.00 (163.70 to 164.70): V

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

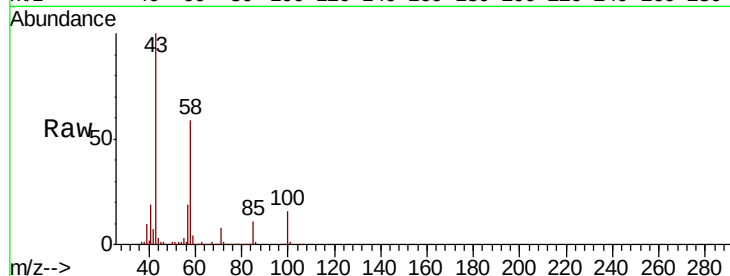




#49
2-Hexanone
Concen: 55.509 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016975.D
Acq: 23 Oct 2020 09:55

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.9	49.2	73.8
57	20.9	17.0	25.4
100	16.2	13.2	19.8



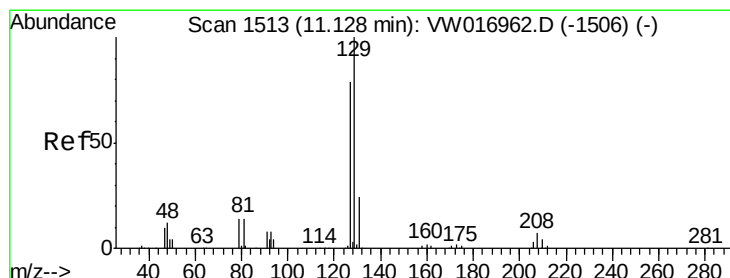
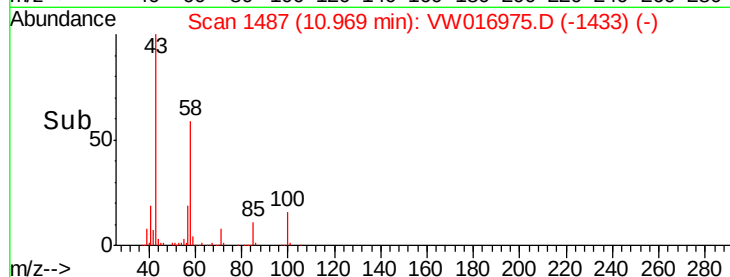
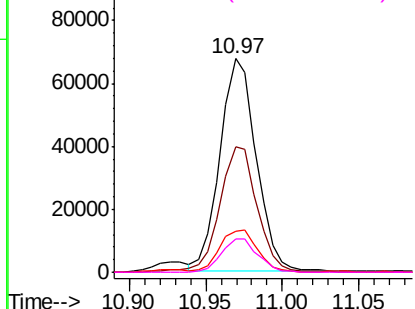
Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

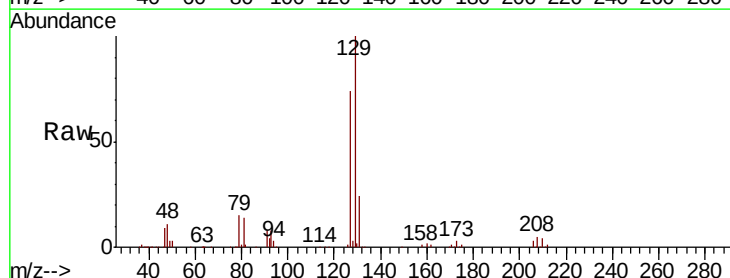
Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50
Dibromochloromethane
Concen: 26.898 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW016975.D
Acq: 23 Oct 2020 09:55

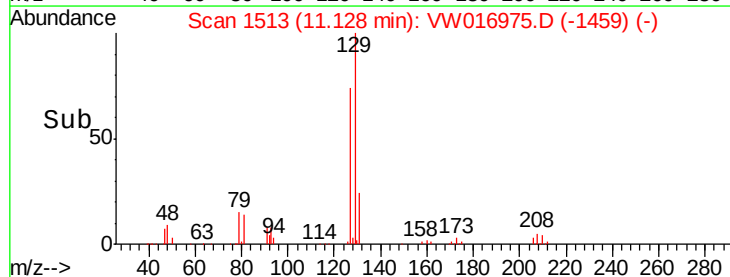
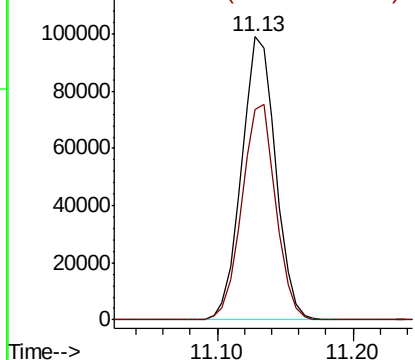
Tgt Ion	Ratio	Lower	Upper
129	100		
127	74.2	55.4	102.8

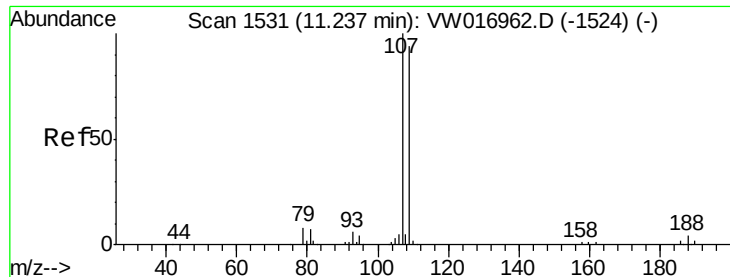


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

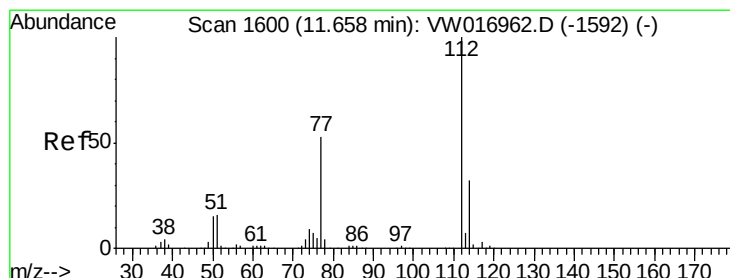
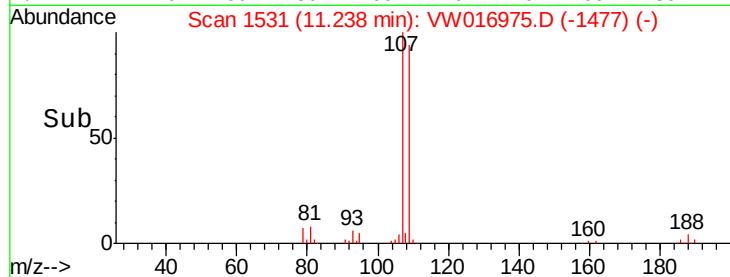
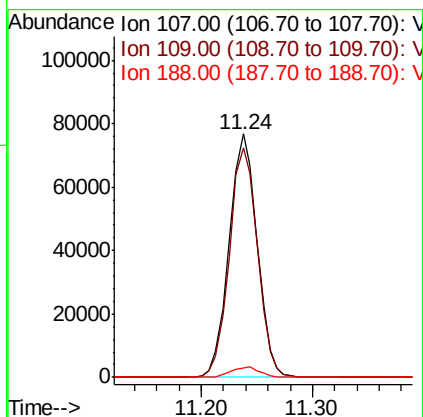
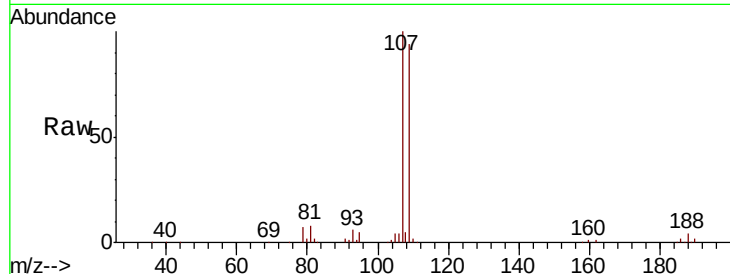




#51
 1,2-Dibromoethane
 Concen: 26.510 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

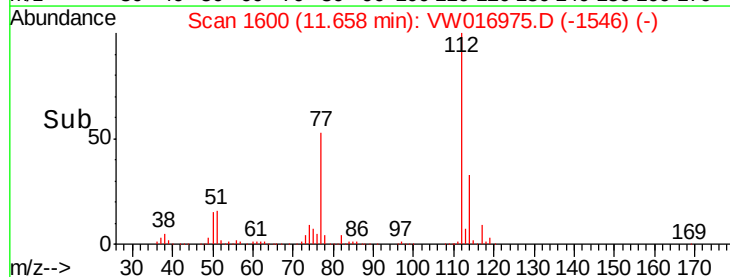
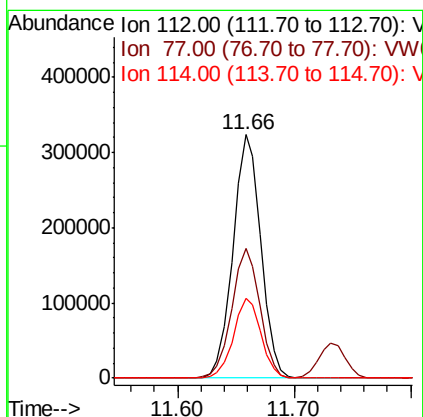
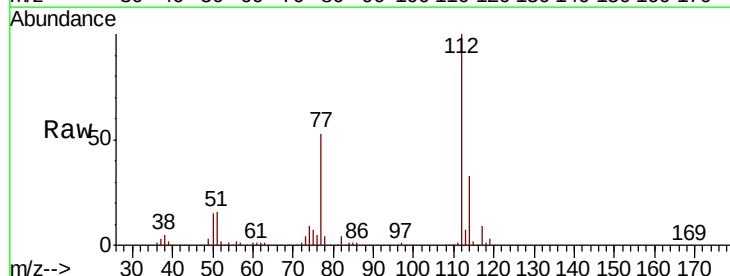
Instrument :
 MSVOA_W
 ClientSampled :

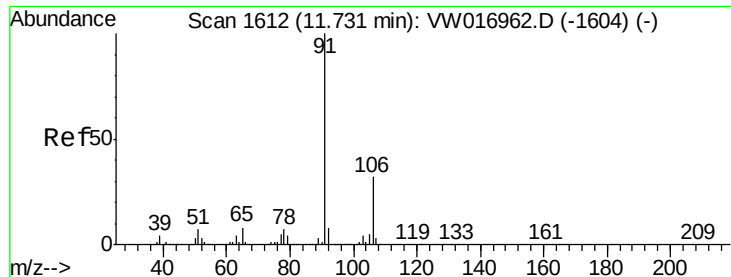
Tot Ion	107	Resp	133498
Ion Ratio	Lower	Upper	
107	100		
109	94.1	65.7	121.9
188	4.1	3.1	4.7



#52
 Chlorobenzene
 Concen: 25.098 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

Tgt Ion	112	Resp	537139
Ion Ratio	Lower	Upper	
112	100		
77	53.4	42.5	63.7
114	32.6	22.3	41.3

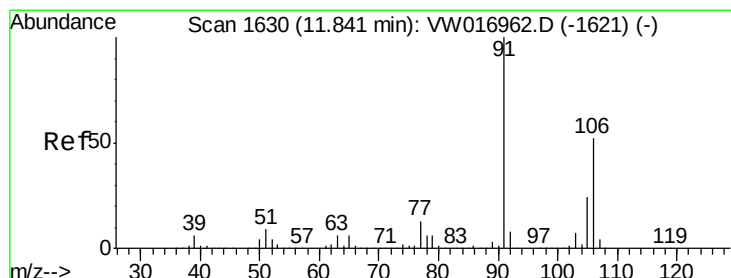
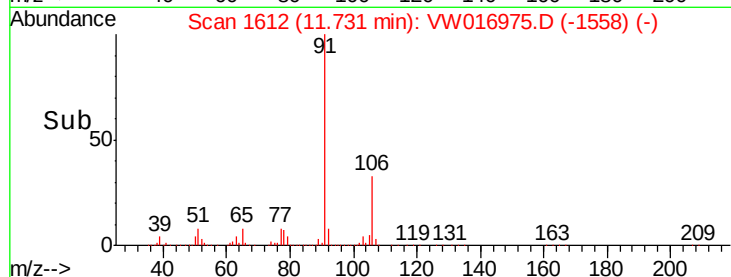
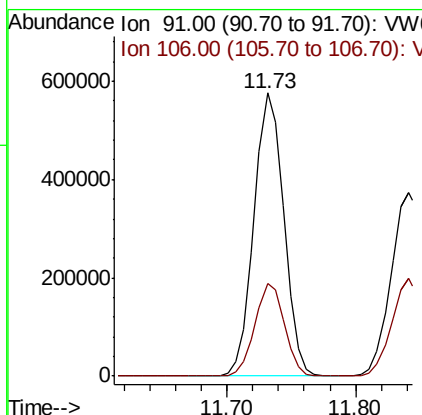
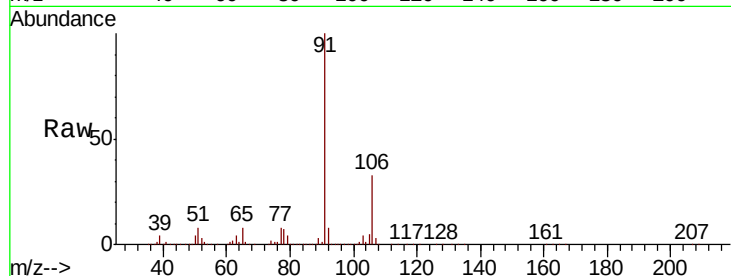




#53
Ethylbenzene
Concen: 25.624 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016975.D
Acq: 23 Oct 2020 09:55

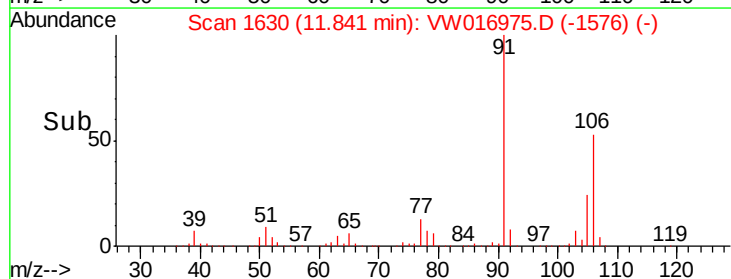
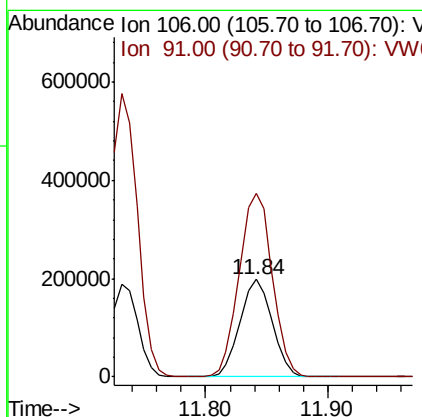
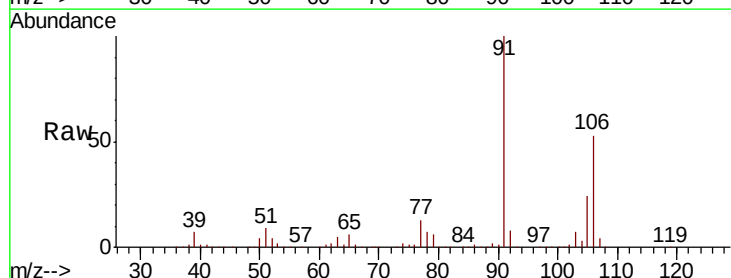
Instrument :
MSVOA_W
ClientSampleId :

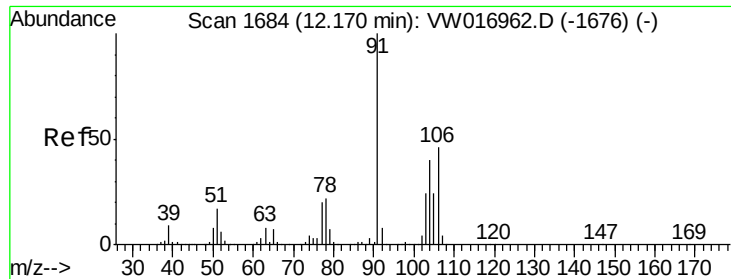
Tot Ion: 91 Resp: 921280
Ion Ratio Lower Upper
91 100
106 32.5 22.5 41.7



#54
m,p-Xylene
Concen: 25.813 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016975.D
Acq: 23 Oct 2020 09:55

Tgt Ion: 106 Resp: 365123
Ion Ratio Lower Upper
106 100
91 187.8 134.2 249.2

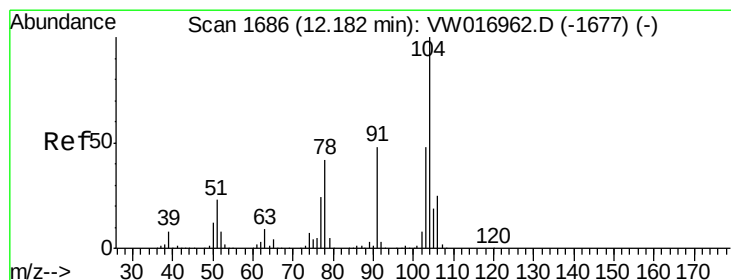
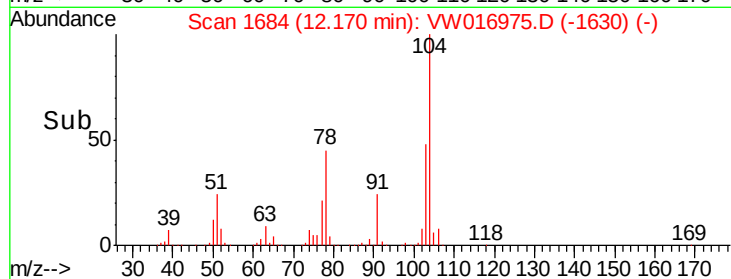
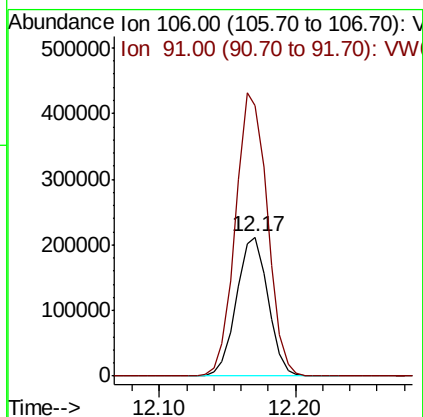
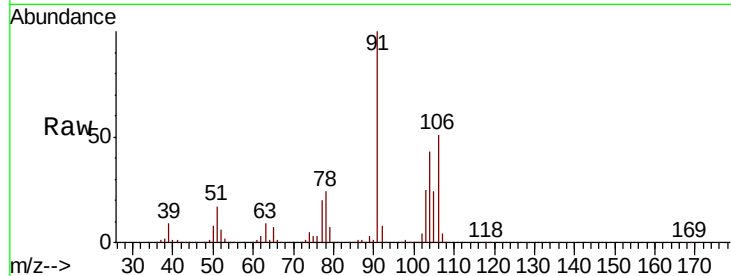




#55
o-xylene
Concen: 26.066 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016975.D
Acq: 23 Oct 2020 09:55

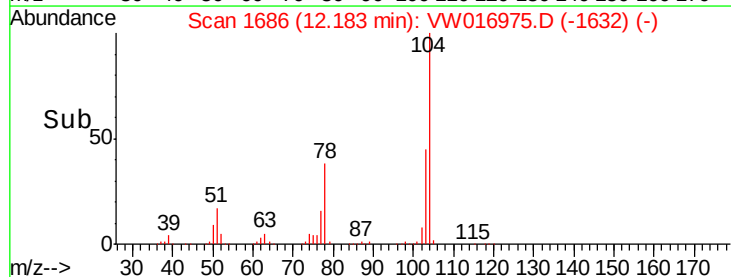
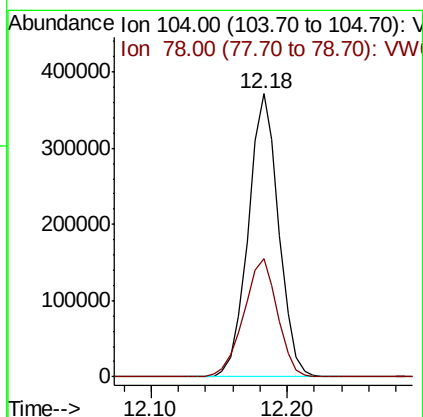
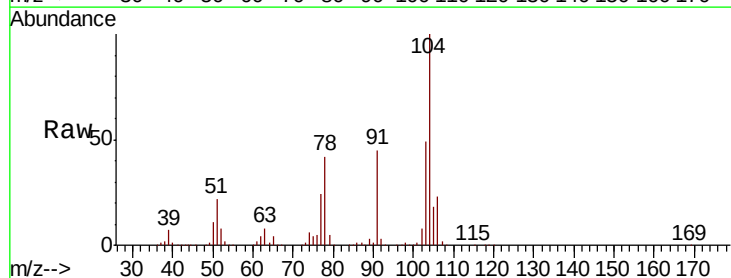
Instrument :
MSVOA_W
ClientSampled :

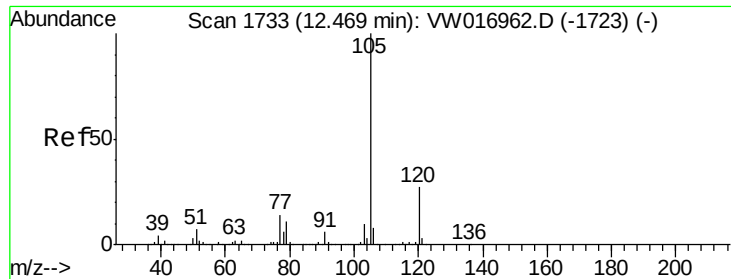
Tot Ion:106 Resp: 341542
Ion Ratio Lower Upper
106 100
91 194.8 150.9 280.3



#56
Styrene
Concen: 26.500 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016975.D
Acq: 23 Oct 2020 09:55

Tgt Ion:104 Resp: 580883
Ion Ratio Lower Upper
104 100
78 42.0 29.3 54.5





#57

Isopropylbenzene

Concen: 25.980 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016975.D

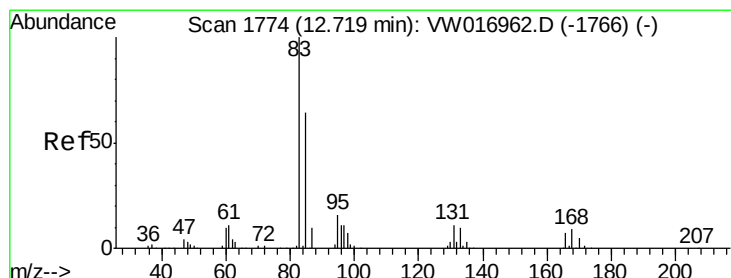
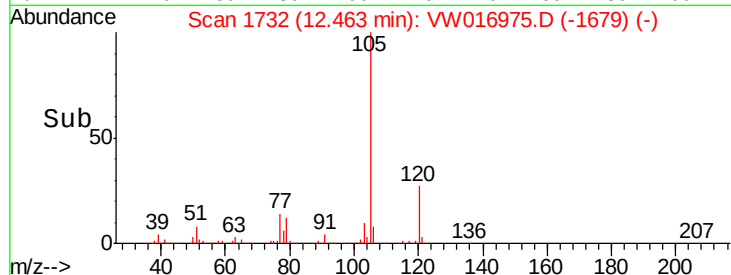
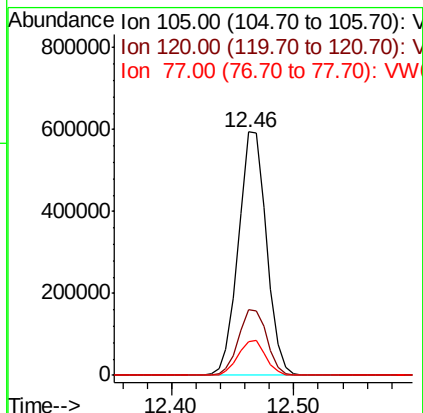
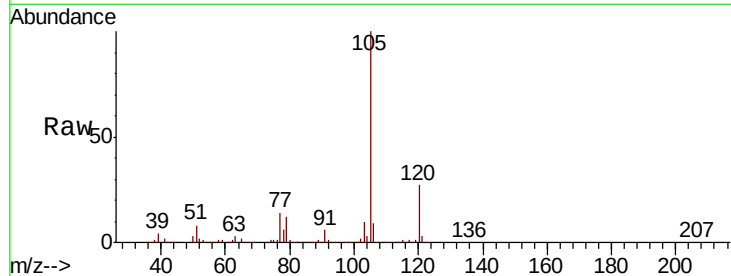
Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:	105	Resp:	941586
Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.4	32.2
77	14.2	11.4	17.2



#58

1,1,2,2-Tetrachloroethane

Concen: 26.796 ug/L

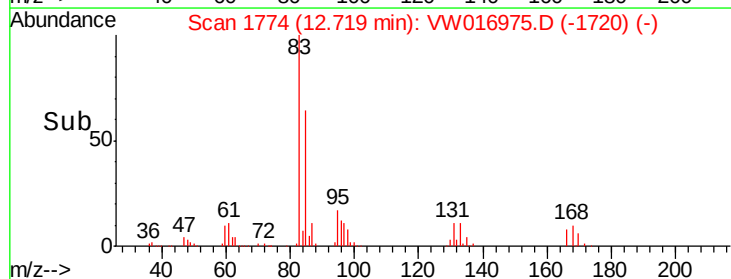
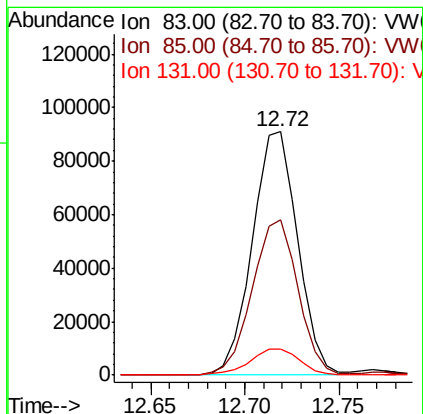
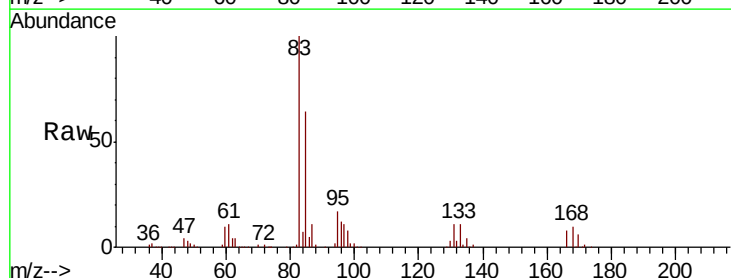
RT: 12.72 min Scan# 1774

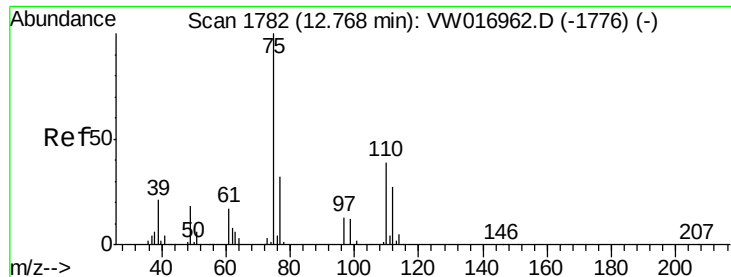
Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Tgt Ion:	83	Resp:	151917
Ion	Ratio	Lower	Upper
83	100		
85	63.7	45.1	83.7
131	10.9	9.1	13.7





#59

1,2,3-Trichloropropane

Concen: 26.797 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

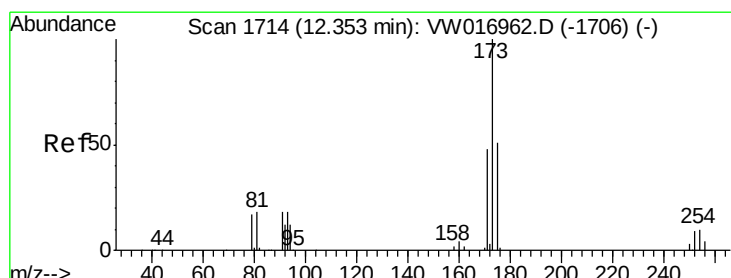
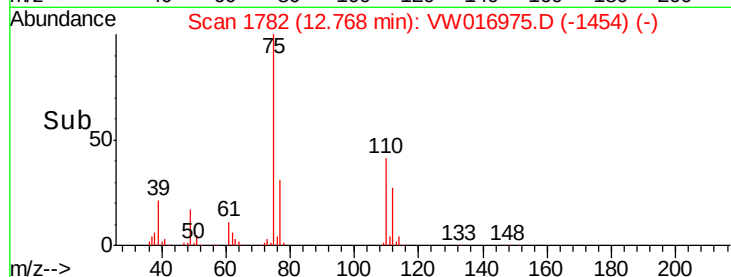
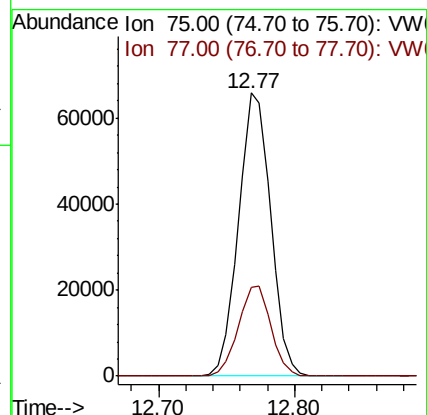
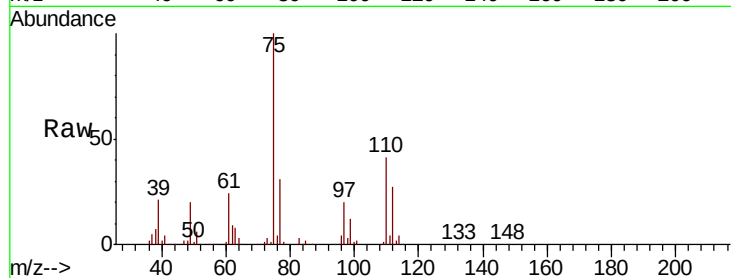
ClientSampleId :

Tot Ion: 75 Resp: 108722

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8



#62

Bromoform

Concen: 26.069 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

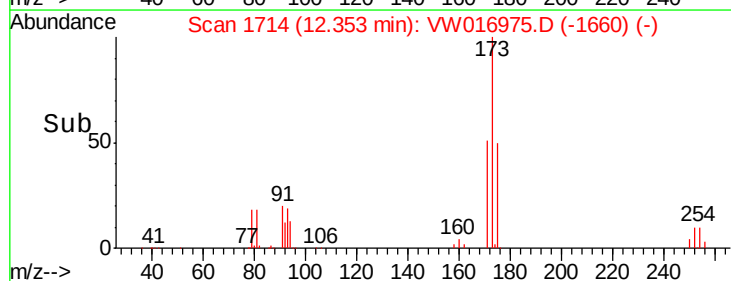
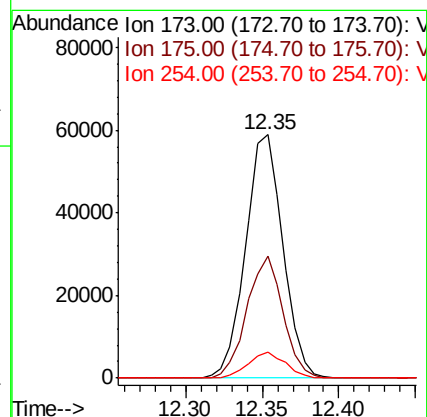
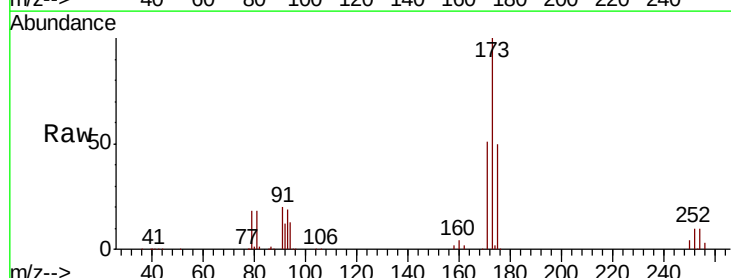
Tgt Ion: 173 Resp: 99835

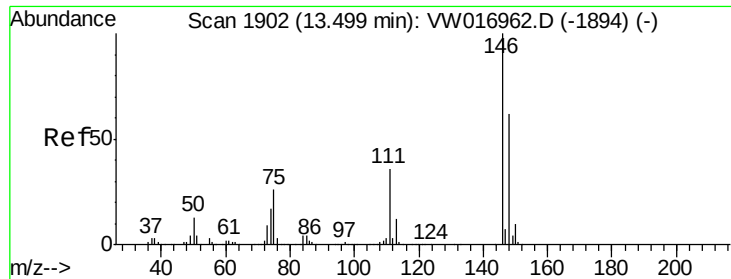
Ion Ratio Lower Upper

173 100

175 48.4 38.3 57.5

254 10.5 7.8 11.6

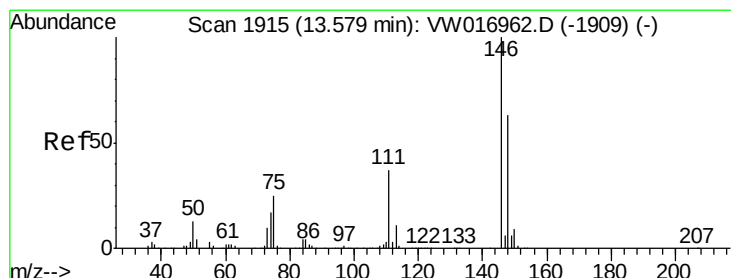
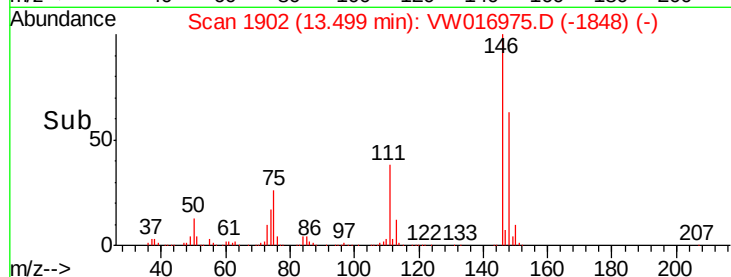
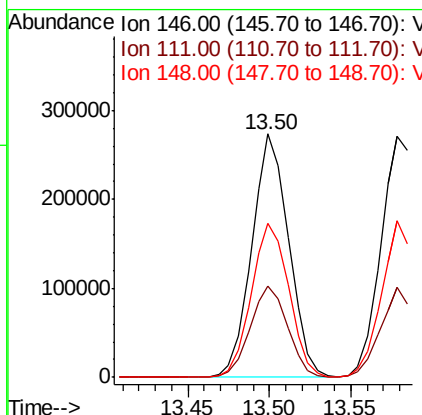
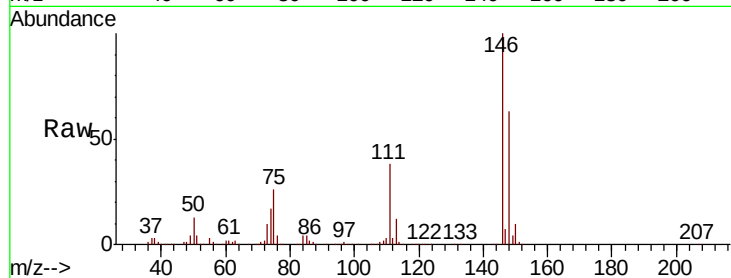




#63
 1,3-Dichlorobenzene
 Concen: 24.497 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

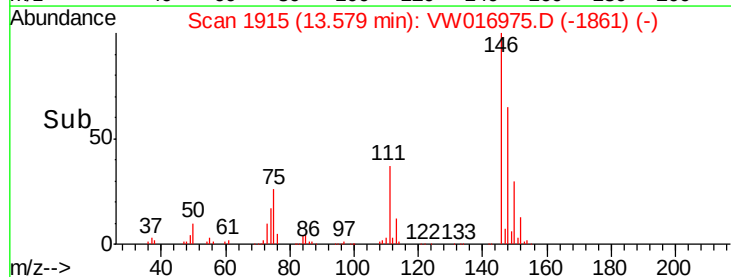
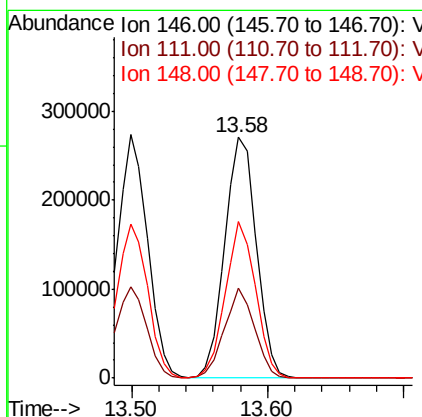
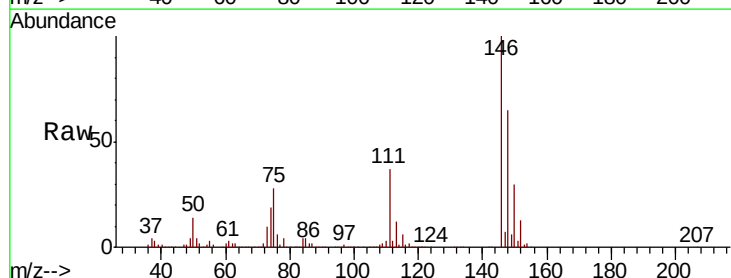
Instrument :
 MSVOA_W
 ClientSampleId :

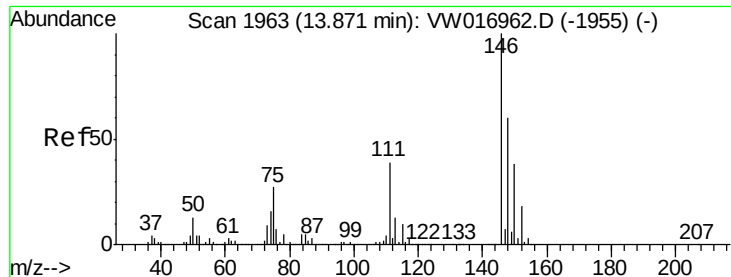
Tot Ion:146 Resp: 430776
 Ion Ratio Lower Upper
 146 100
 111 37.8 25.5 47.3
 148 63.3 43.1 80.1



#64
 1,4-Dichlorobenzene
 Concen: 24.983 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

Tgt Ion:146 Resp: 437934
 Ion Ratio Lower Upper
 146 100
 111 37.4 25.7 47.7
 148 64.8 44.3 82.3

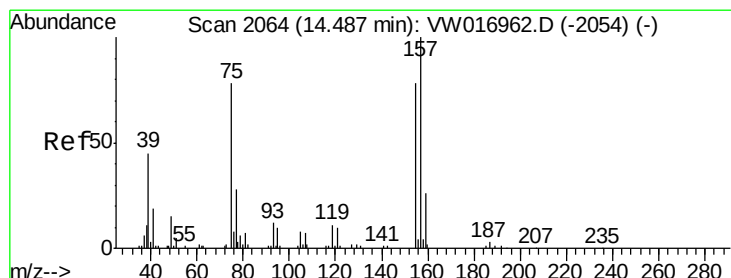
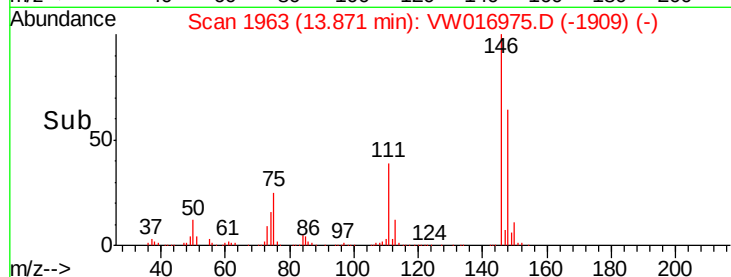
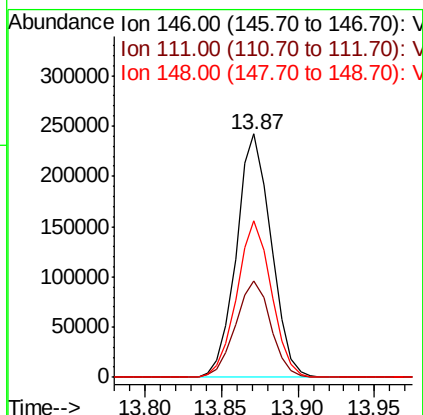
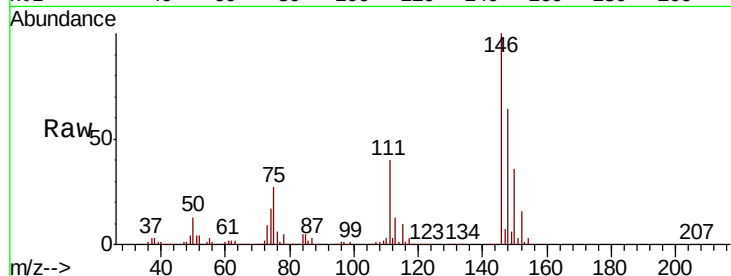




#65
 1,2-Dichlorobenzene
 Concen: 24.576 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

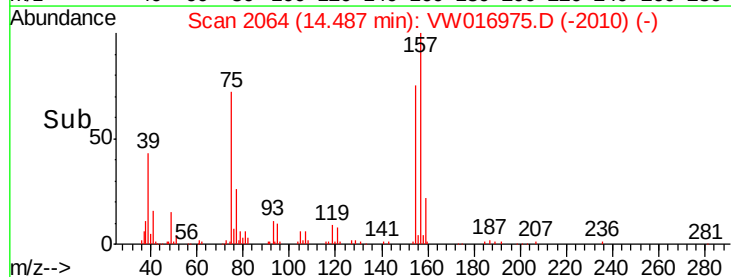
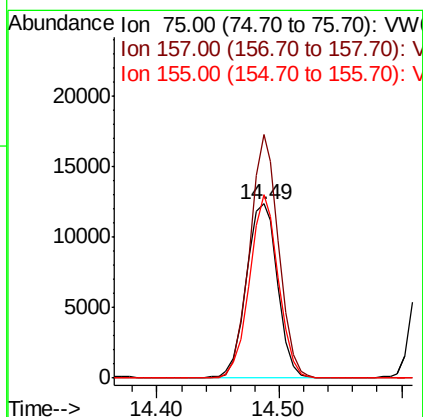
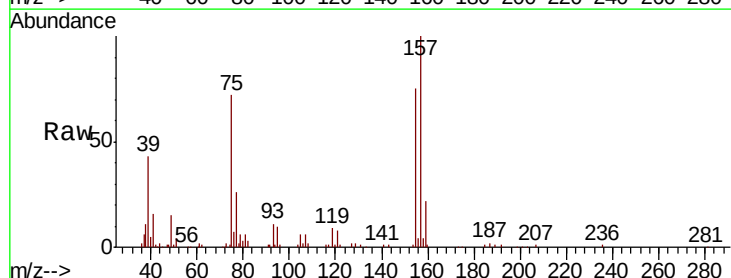
Instrument :
 MSVOA_W
 ClientSampleId :

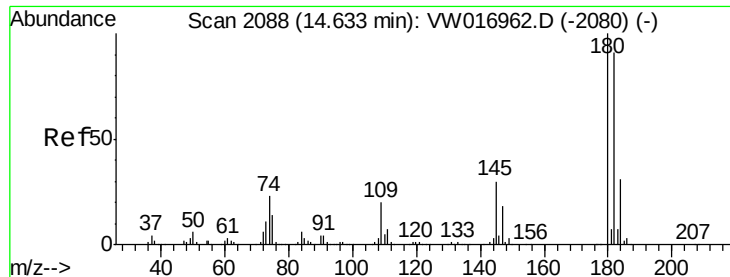
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	31.4	47.0
148	64.5	47.7	71.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 26.054 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

Tgt Ion	Ratio	Lower	Upper
75	100		
157	139.7	102.5	153.7
155	105.1	80.3	120.5

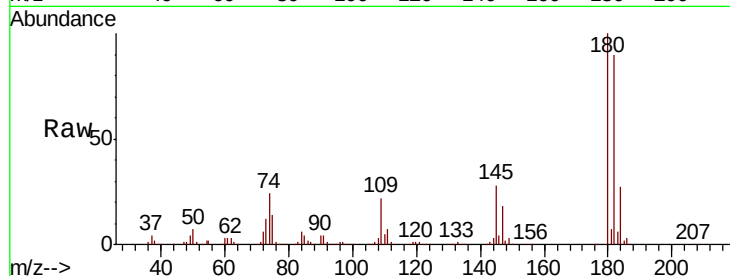




#67
 1,3,5-Trichlorobenzene
 Concen: 25.747 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	77.4	116.0
184	28.7	24.8	37.2
145	27.9	23.4	35.2



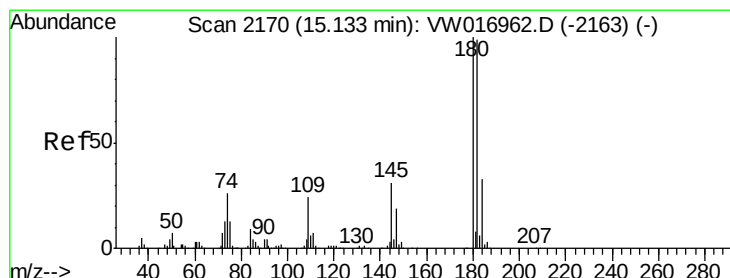
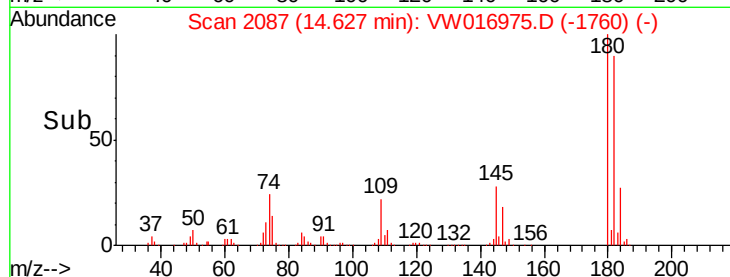
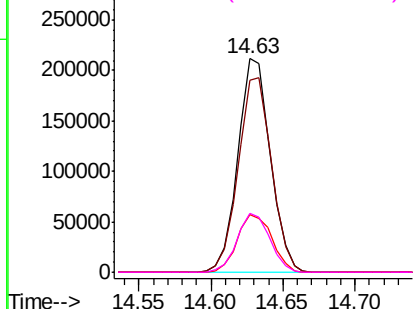
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

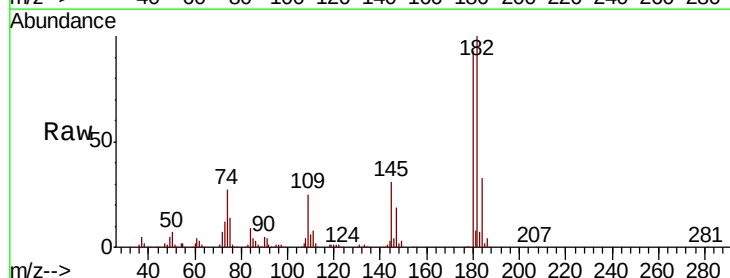
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 24.966 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016975.D
 Acq: 23 Oct 2020 09:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.6	114.8
145	30.5	23.4	35.0

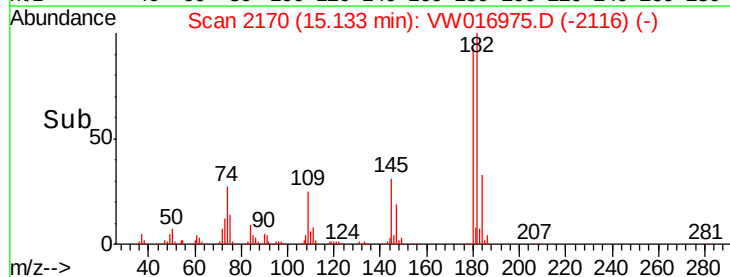
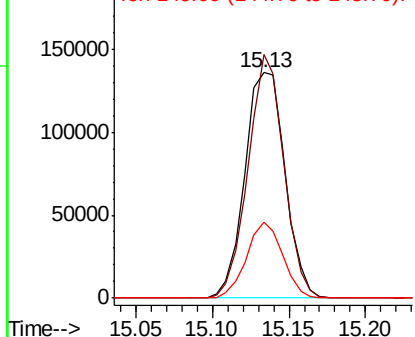


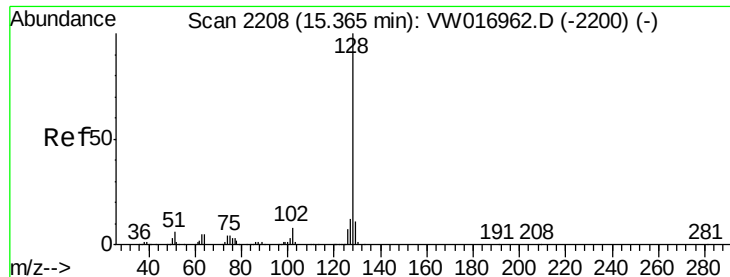
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 27.454 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

Instrument :

MSVOA_W

ClientSampleId :

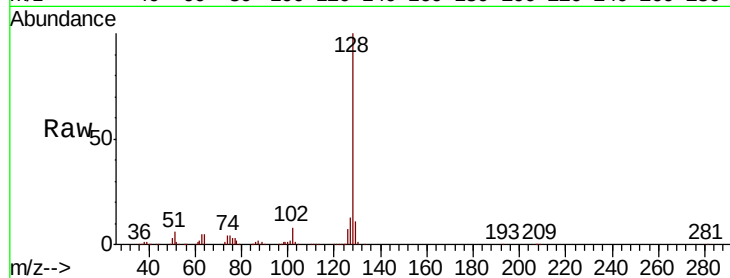
Tot Ion:128 Resp: 444263

Ion Ratio Lower Upper

128 100

129 11.0 8.6 12.8

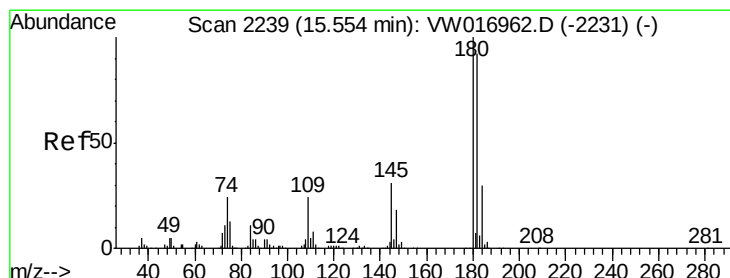
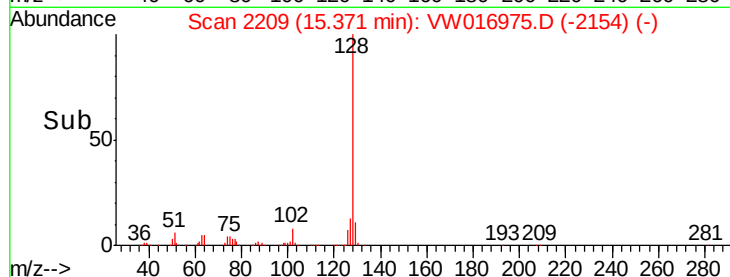
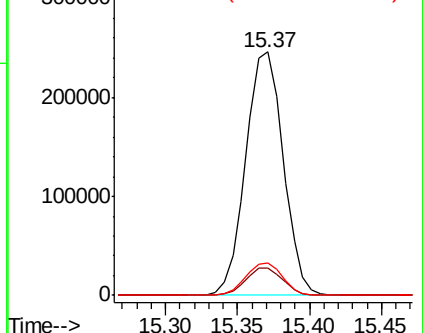
127 13.0 10.0 15.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 26.151 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.01 min

Lab File: VW016975.D

Acq: 23 Oct 2020 09:55

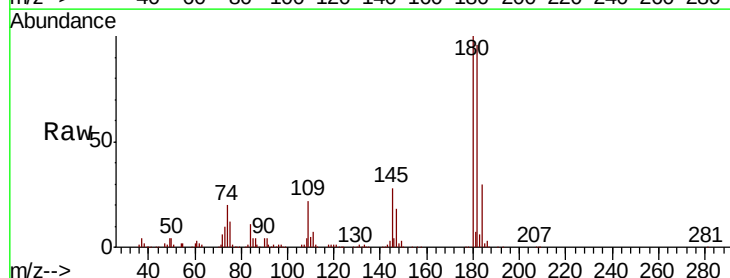
Tgt Ion:180 Resp: 227348

Ion Ratio Lower Upper

180 100

182 93.8 76.8 115.2

145 30.7 25.4 38.2



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

