

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102220\
 Data File : VW016965.D
 Acq On : 22 Oct 2020 12:40
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV02

Quant Time: Oct 23 02:20:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 12:40:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	525873	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	476869	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	241960	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	142423	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.88%
7) Chloroethane-d5	2.89	69	112338	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.56%
10) 1,1-Dichloroethene-d2	4.03	63	292314	24.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.04%
20) 2-Butanone-d5	7.09	46	61877	54.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.24%
24) Chloroform-d	7.65	84	297775	24.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	8.30	65	142945	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.16%
29) Benzene-d6	8.27	84	598313	24.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.72%
33) 1,2-Dichloropropane-d6	9.27	67	164163	24.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.32%
37) Toluene-d8	10.32	98	567121	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.36%
38) trans-1,3-Dichloropropene-	10.58	79	73410	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.64%
39) 2-Hexanone-d5	10.93	63	53954	58.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.24%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132132	26.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	214340	25.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	163710	27.293	ug/L 99
3) Chloromethane	2.21	50	135997	26.268	ug/L 100
5) Vinyl chloride	2.37	62	202095	26.651	ug/L 100
6) Bromomethane	2.79	94	138654	26.923	ug/L 100
8) Chloroethane	2.93	64	118981	27.264	ug/L 99
9) Trichlorofluoromethane	3.26	101	150860	25.083	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	188953	26.066	ug/L 98
12) 1,1-Dichloroethene	4.04	96	182891	26.568	ug/L 96
13) Acetone	4.14	43	43196	56.149	ug/L 99
14) Carbon disulfide	4.39	76	545182	26.124	ug/L 100
15) Methyl Acetate	4.68	43	57987	28.870	ug/L 98
16) Methylene chloride	4.92	84	179345	25.794	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	211785	28.223	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	190348	26.439	ug/L 96
19) 1,1-Dichloroethane	6.22	63	295298	26.782	ug/L 99
21) 2-Butanone	7.18	43	71853	55.810	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	198596	27.284	ug/L 98

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 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 12:40:20 2020
 Response via : Initial Calibration

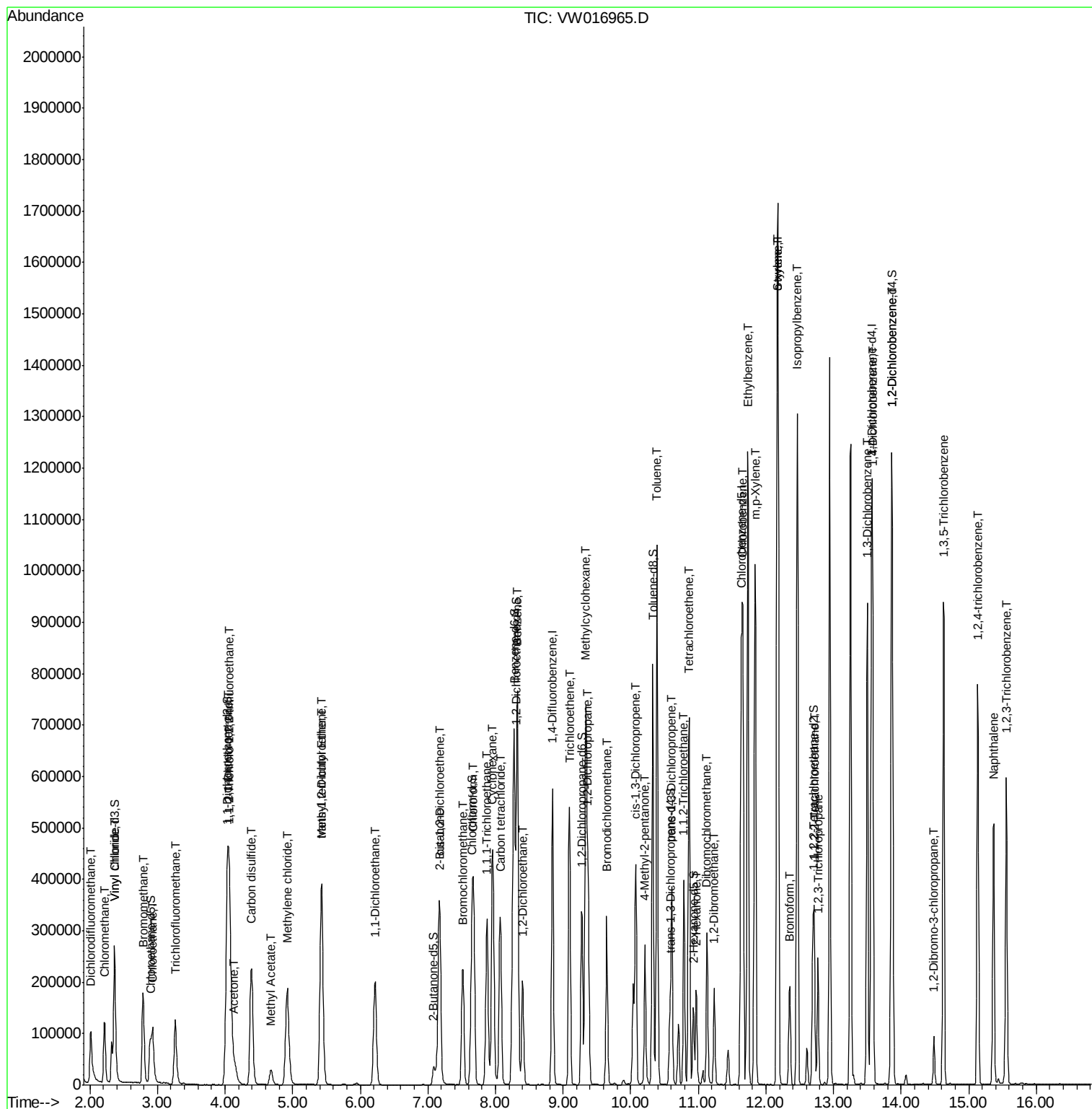
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	93178	27.731	ug/L	95
25) Chloroform	7.68	83	321236	27.368	ug/L	99
27) 1,2-Dichloroethane	8.40	62	186027	27.831	ug/L	100
30) Cyclohexane	7.96	56	269755	27.042	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	276631	26.795	ug/L	99
32) Carbon tetrachloride	8.07	117	265114	26.753	ug/L	99
34) Benzene	8.32	78	702955	26.684	ug/L	100
35) Trichloroethene	9.09	95	192728	26.415	ug/L	99
36) Methylcyclohexane	9.34	83	333331	27.204	ug/L	99
40) 1,2-Dichloropropane	9.37	63	163353	27.766	ug/L	99
41) Bromodichloromethane	9.65	83	224443	28.107	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	260563	28.323	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	163776	58.727	ug/L	98
44) Toluene	10.39	91	783594	27.454	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	221538	29.069	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	130129	27.633	ug/L	96
47) Tetrachloroethene	10.87	164	178809	26.643	ug/L	94
49) 2-Hexanone	10.97	43	109182	61.430	ug/L	99
50) Dibromochloromethane	11.13	129	165693	28.883	ug/L	95
51) 1,2-Dibromoethane	11.24	107	129095	28.754	ug/L	99
52) Chlorobenzene	11.66	112	521611	27.338	ug/L	98
53) Ethylbenzene	11.73	91	884380	27.590	ug/L	100
54) m,p-Xylene	11.84	106	349616	27.724	ug/L	97
55) o-xylene	12.16	106	331888	28.411	ug/L	97
56) Styrene	12.18	104	554693	28.384	ug/L	97
57) Isopropylbenzene	12.46	105	897538	27.778	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	148249	29.330	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	105042	29.040	ug/L	100
62) Bromoform	12.35	173	94489	27.790	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	424937	27.218	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	417435	26.822	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	375712	27.280	ug/L	93
66) 1,2-Dibromo-3-chloropropan	14.49	75	22888	30.550	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	325919	28.522	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	261339	29.506	ug/L	99
69) Naphthalene	15.37	128	470443	32.746	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	222621	28.843	ug/L	95

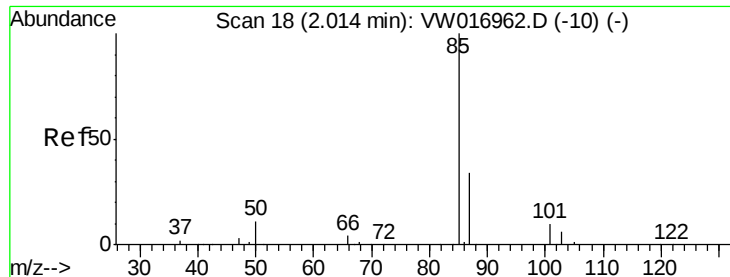
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
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Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 27.293 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

Instrument :

MSVOA_W

ClientSampleId :

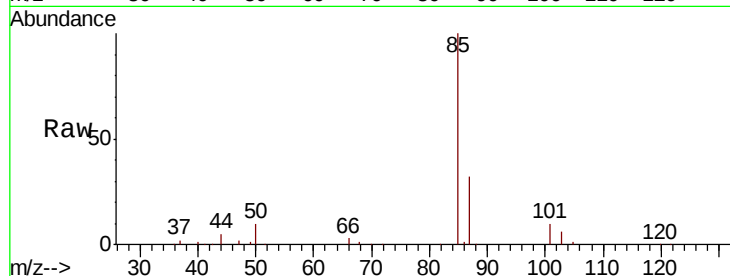
VICV02

Tot Ion: 85 Resp: 163710

Ion Ratio Lower Upper

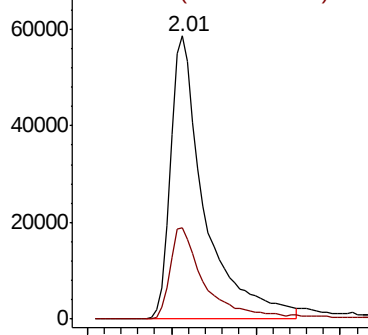
85 100

87 32.5 22.4 41.6

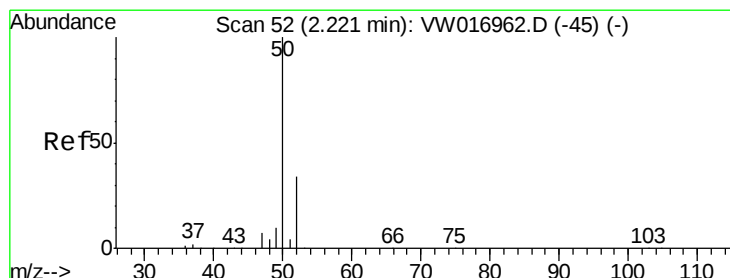
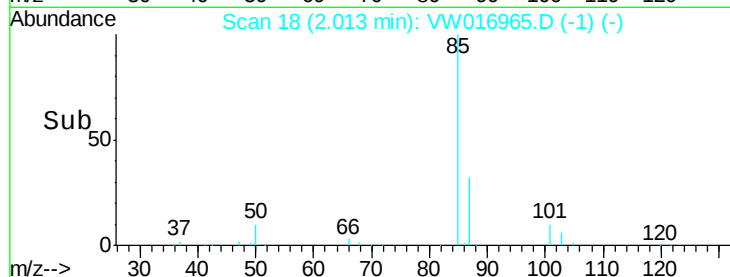


Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



Time-->



#3

Chloromethane

Concen: 26.268 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW016965.D

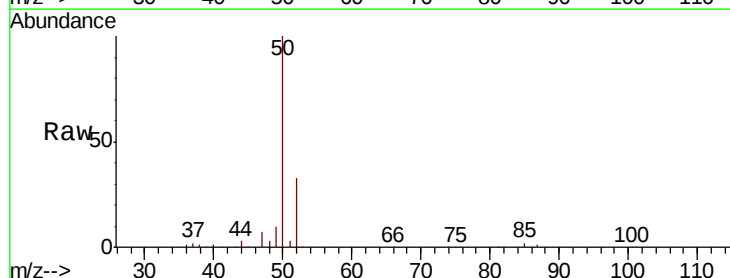
Acq: 22 Oct 2020 12:40

Tgt Ion: 50 Resp: 135997

Ion Ratio Lower Upper

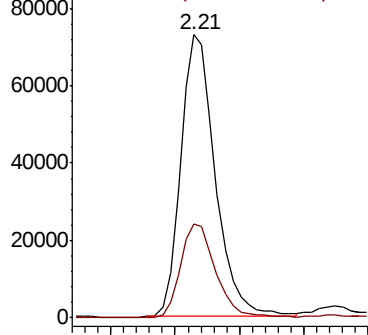
50 100

52 33.4 23.5 43.7

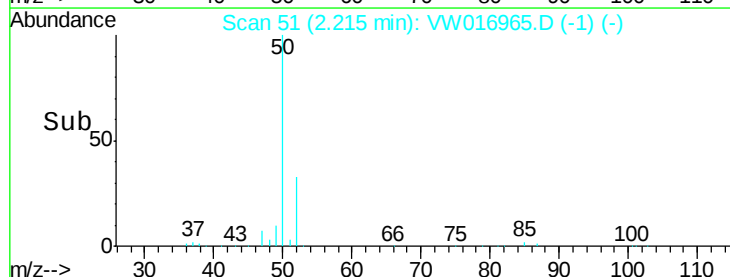


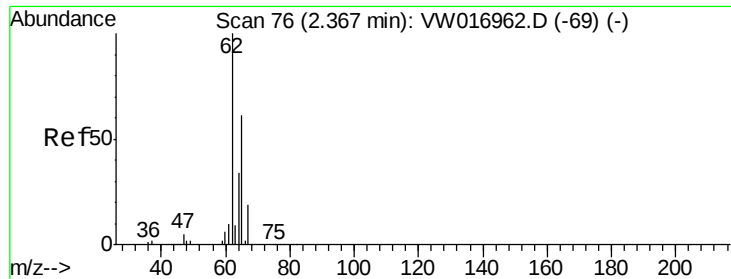
Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW



Time-->





#5

Vinyl chloride

Concen: 26.651 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

Instrument :

MSVOA_W

ClientSampleId :

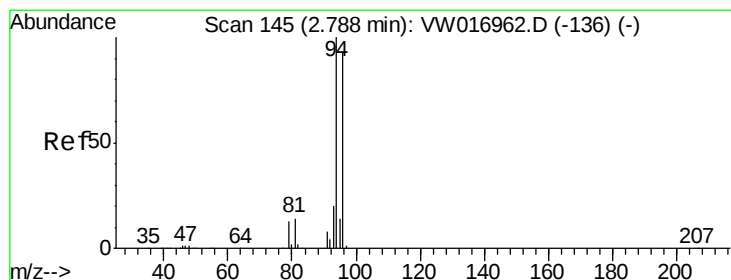
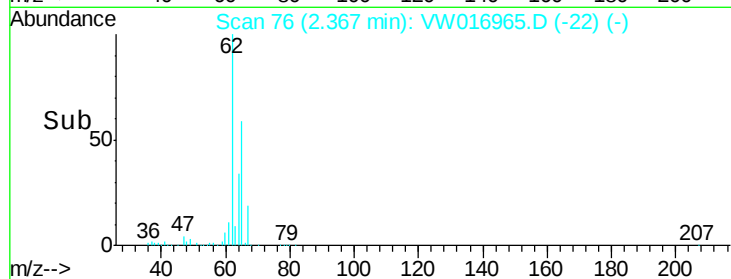
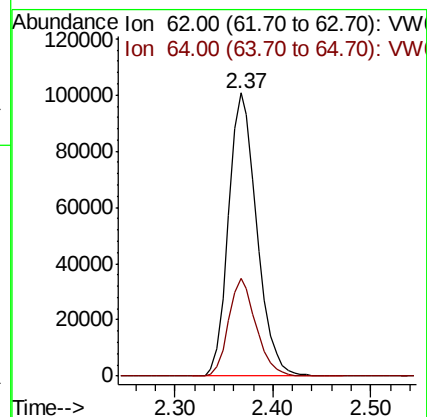
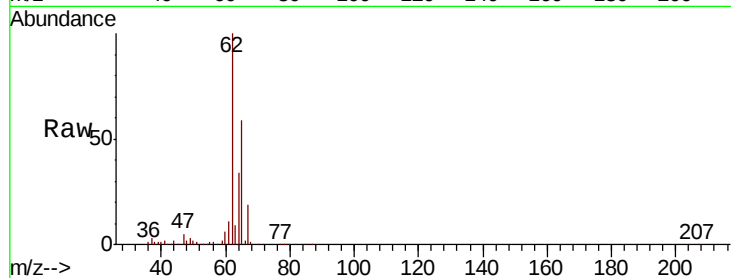
VICV02

Tot Ion: 62 Resp: 202095

Ion Ratio Lower Upper

62 100

64 34.4 24.1 44.7



#6

Bromomethane

Concen: 26.923 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW016965.D

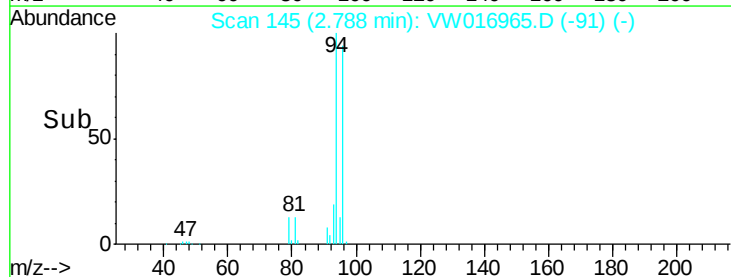
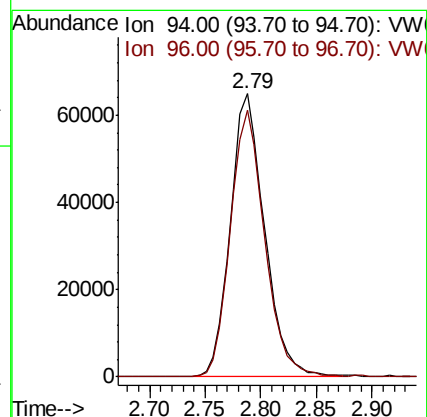
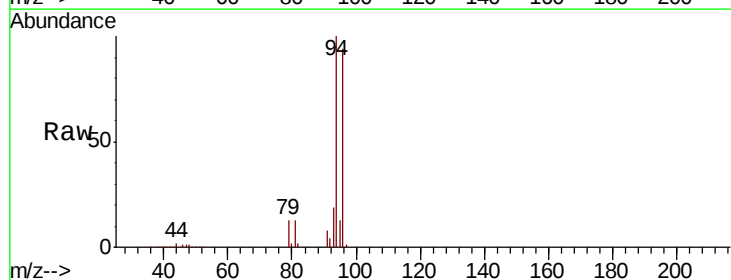
Acq: 22 Oct 2020 12:40

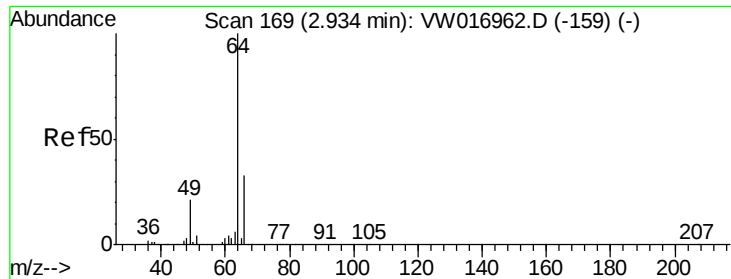
Tgt Ion: 94 Resp: 138654

Ion Ratio Lower Upper

94 100

96 93.9 9.4 178.8





#8

Chloroethane

Concen: 27.264 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

Instrument :

MSVOA_W

ClientSampleId :

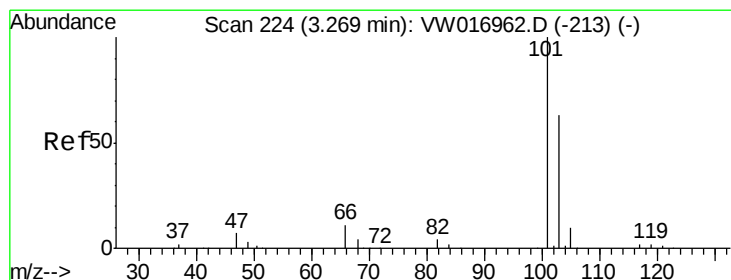
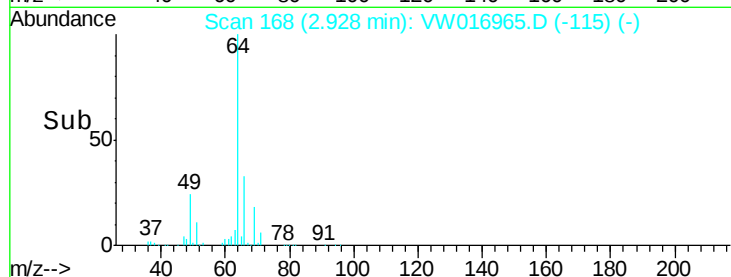
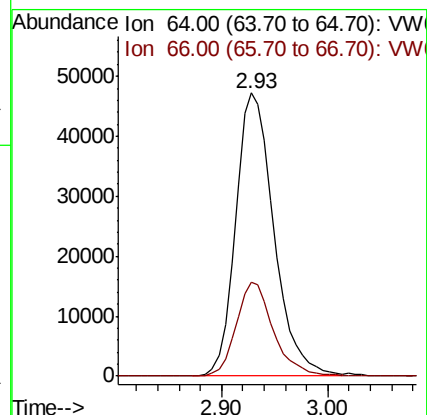
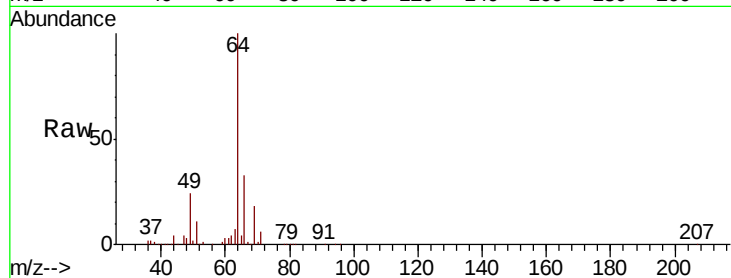
VICV02

Tot Ion: 64 Resp: 118981

Ion Ratio Lower Upper

64 100

66 33.1 23.4 43.6



#9

Trichlorofluoromethane

Concen: 25.083 ug/L

RT: 3.26 min Scan# 223

Delta R.T. -0.01 min

Lab File: VW016965.D

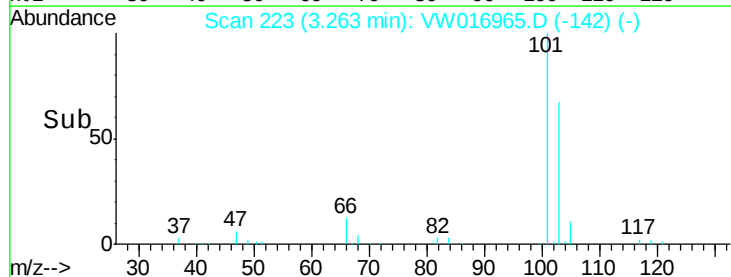
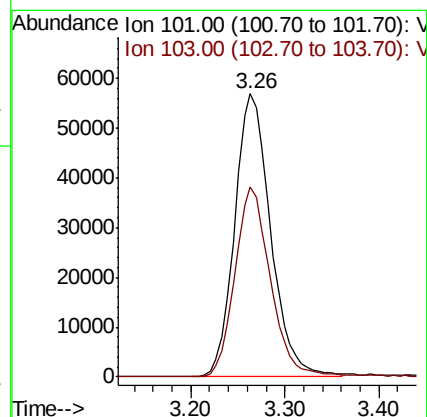
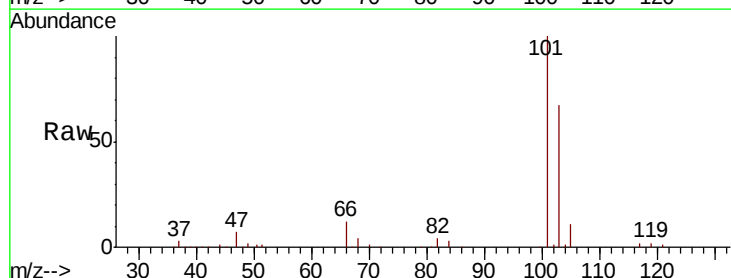
Acq: 22 Oct 2020 12:40

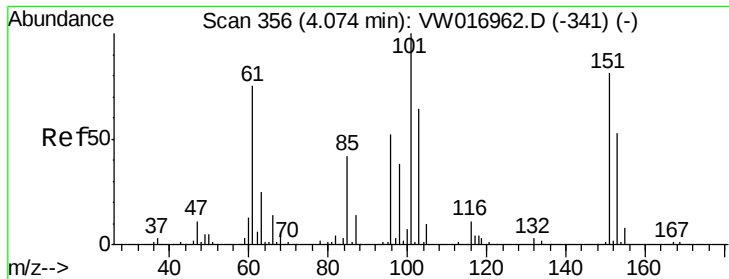
Tgt Ion: 101 Resp: 150860

Ion Ratio Lower Upper

101 100

103 65.7 44.9 83.5





#11

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

Concen: 26.066 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.01 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

Instrument :

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ClientSampleId :

VICV02

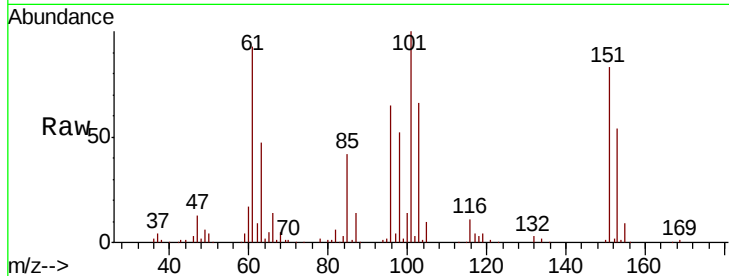
Tot Ion:101 Resp: 188953

Ion Ratio Lower Upper

101 100

85 40.9 32.5 48.7

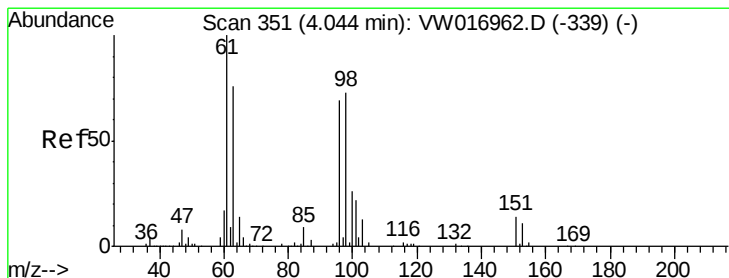
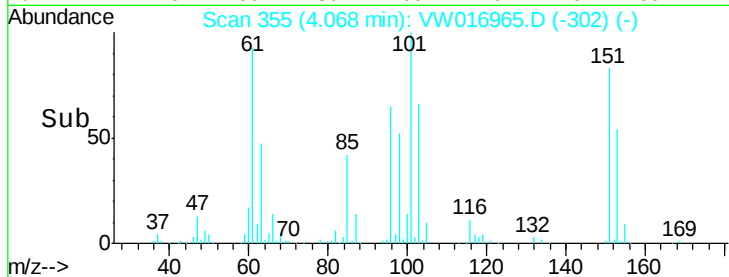
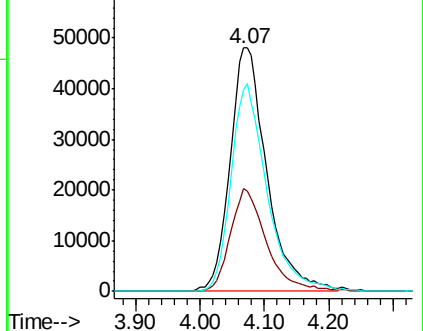
151 84.2 65.7 98.5



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: 26.568 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

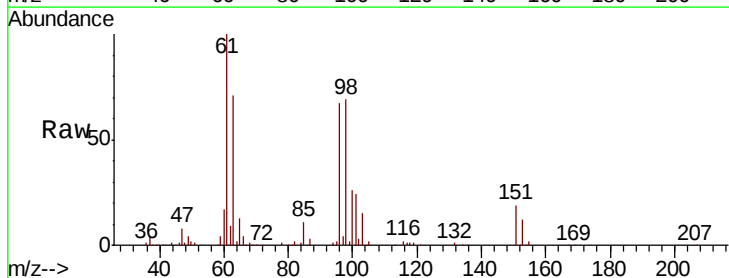
Tgt Ion: 96 Resp: 182891

Ion Ratio Lower Upper

96 100

61 148.5 101.4 188.4

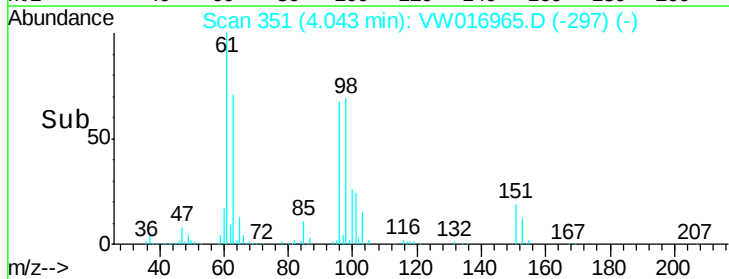
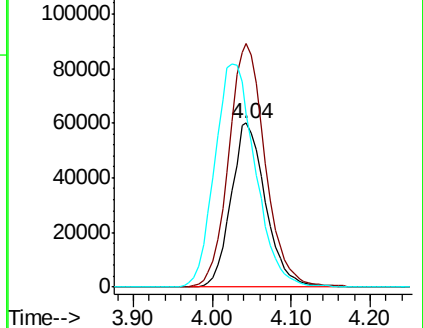
63 105.7 78.5 145.9

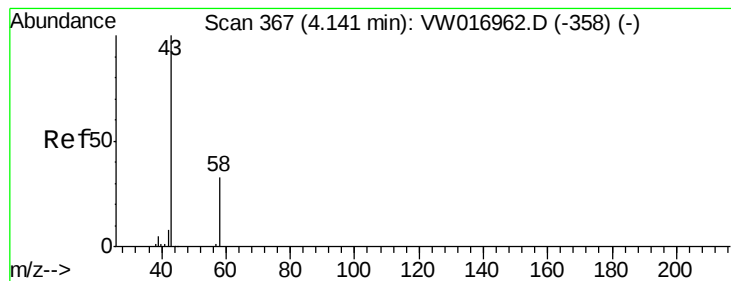


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 56.149 ug/L

RT: 4.14 min Scan# 367

Delta R.T. -0.00 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

Instrument :

MSVOA_W

ClientSampleId :

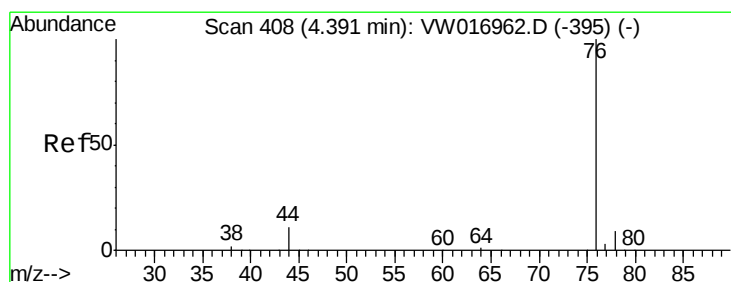
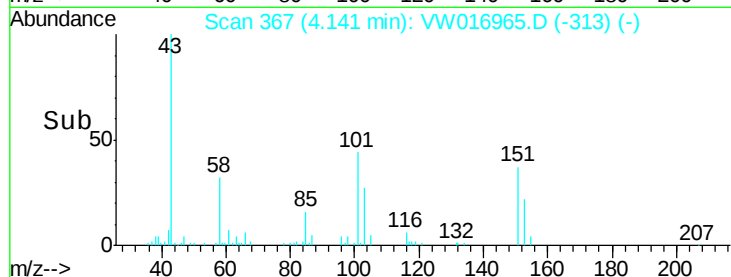
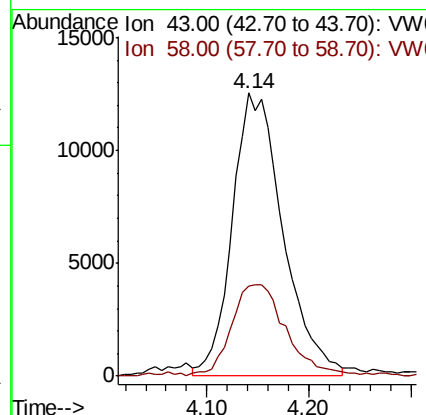
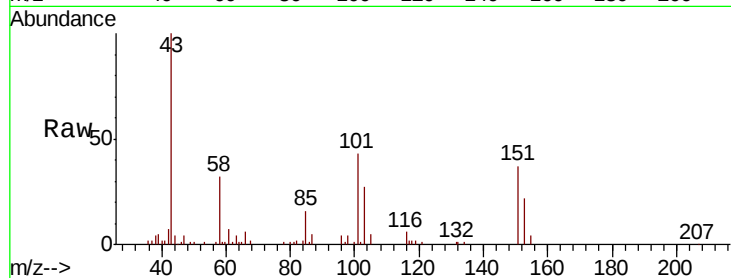
VICV02

Tot Ion: 43 Resp: 43196

Ion Ratio Lower Upper

43 100

58 34.5 0.0 69.8



#14

Carbon disulfide

Concen: 26.124 ug/L

RT: 4.39 min Scan# 408

Delta R.T. -0.00 min

Lab File: VW016965.D

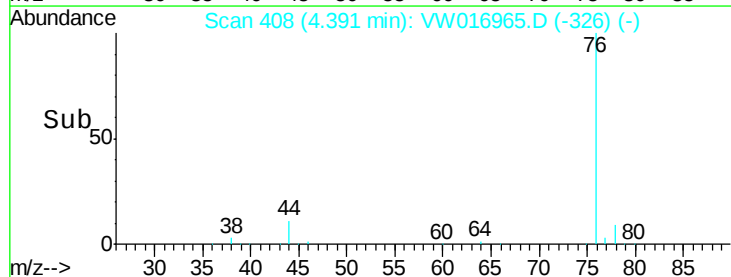
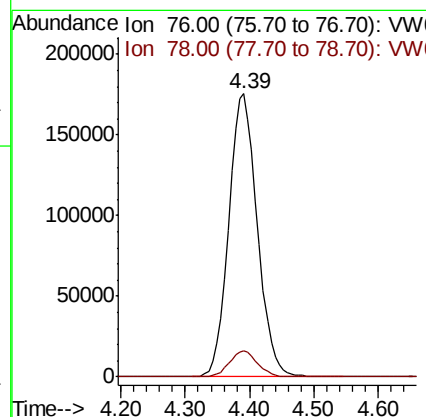
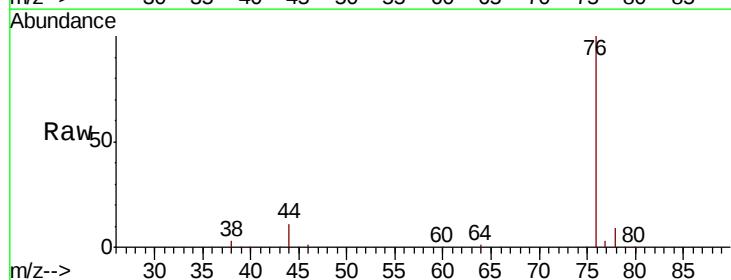
Acq: 22 Oct 2020 12:40

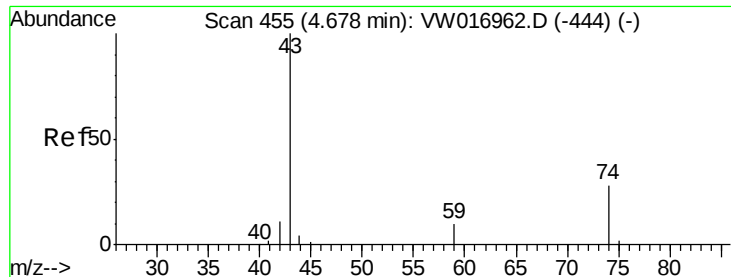
Tgt Ion: 76 Resp: 545182

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 28.870 ug/L

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

Instrument :

MSVOA_W

ClientSampleId :

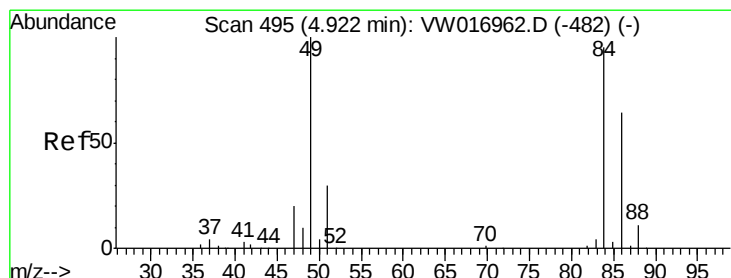
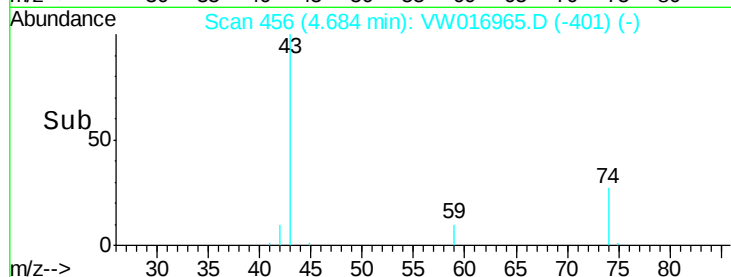
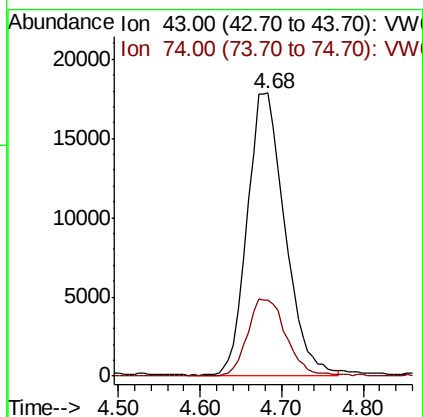
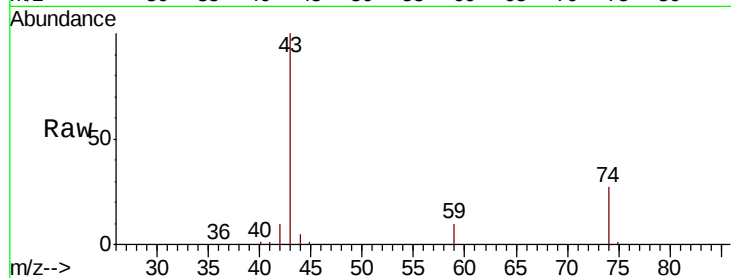
VICV02

Tot Ion: 43 Resp: 57987

Ion Ratio Lower Upper

43 100

74 27.3 22.8 34.2



#16

Methylene chloride

Concen: 25.794 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

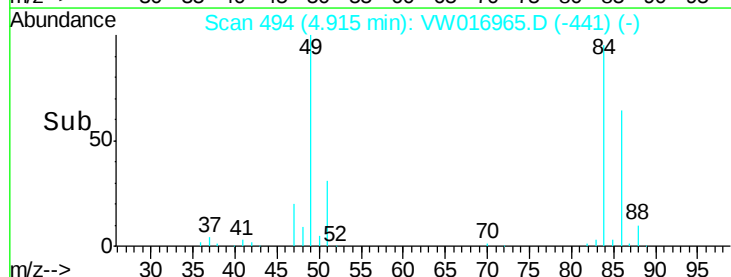
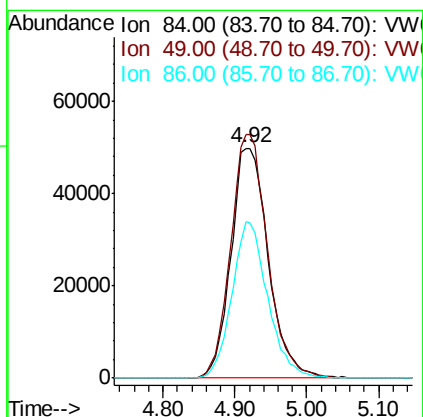
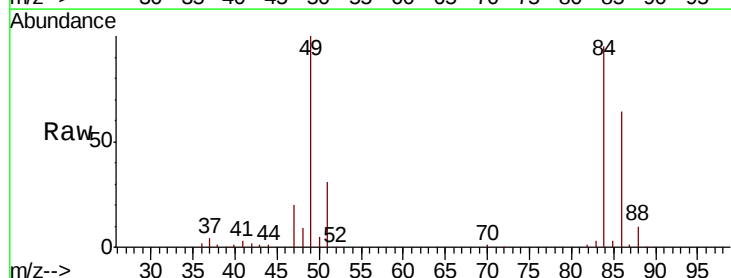
Tgt Ion: 84 Resp: 179345

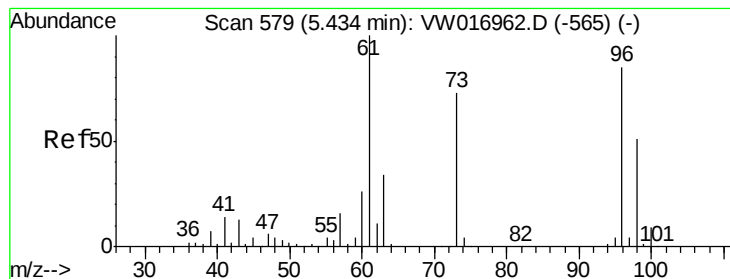
Ion Ratio Lower Upper

84 100

49 105.7 73.8 137.0

86 67.9 47.4 88.0



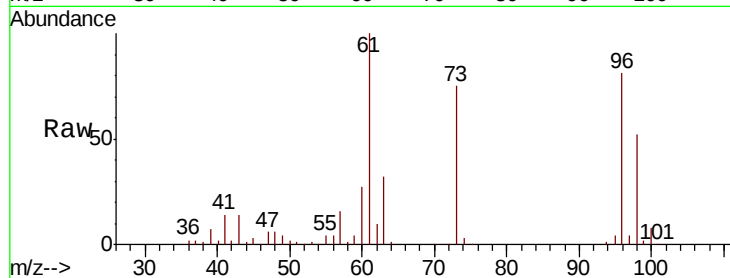


#17

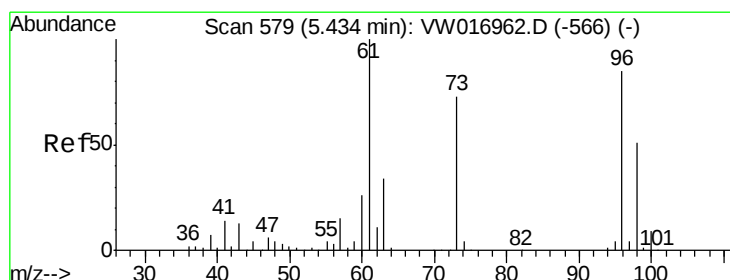
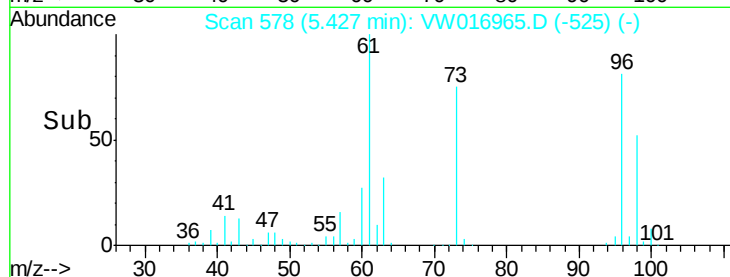
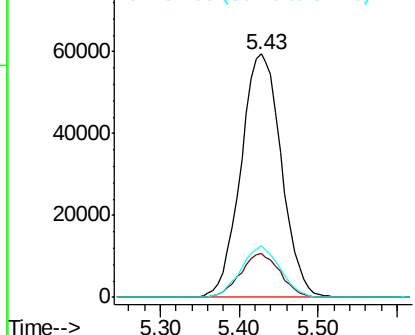
Methvl tert-butvl Ether
 Concen: 28.223 ug/L
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV02

Tot Ion: 73 Resp: 211785
 Ion Ratio Lower Upper
 73 100
 43 17.7 14.4 21.6
 57 20.4 16.6 25.0



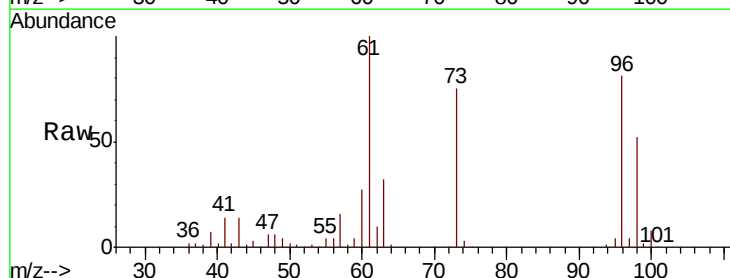
Abundance Ion 73.00 (72.70 to 73.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 57.00 (56.70 to 57.70): VW



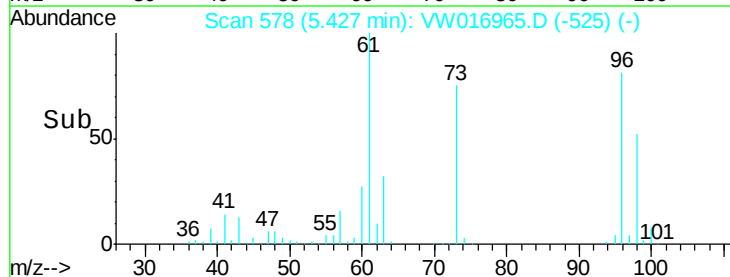
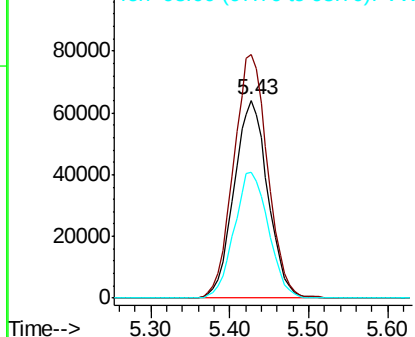
#18

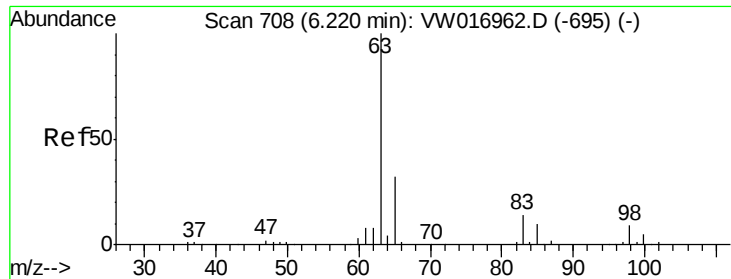
trans-1,2-Dichloroethene
 Concen: 26.439 ug/L
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Tgt Ion: 96 Resp: 190348
 Ion Ratio Lower Upper
 96 100
 61 122.9 82.7 153.7
 98 63.4 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

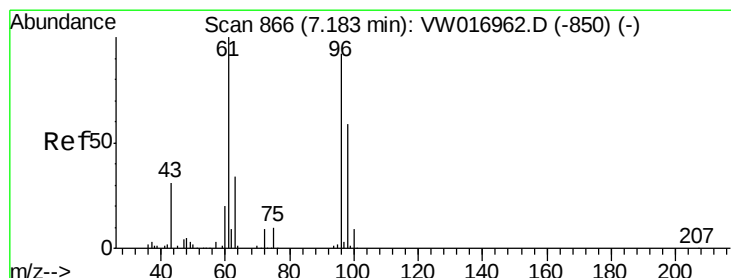
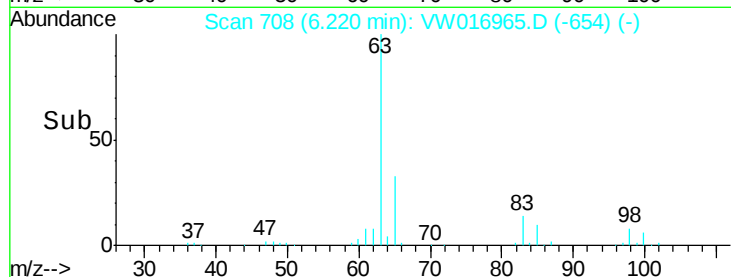
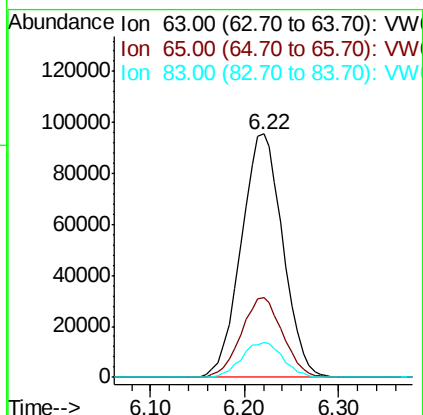
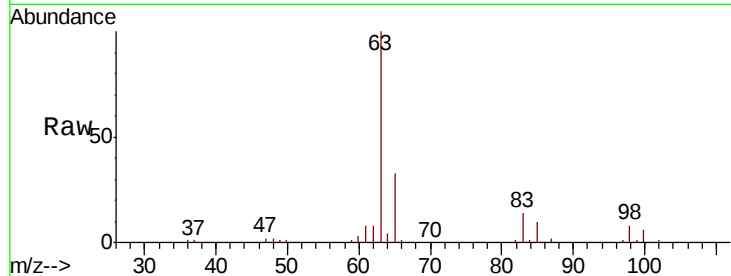




#19
 1,1-Dichloroethane
 Concen: 26.782 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

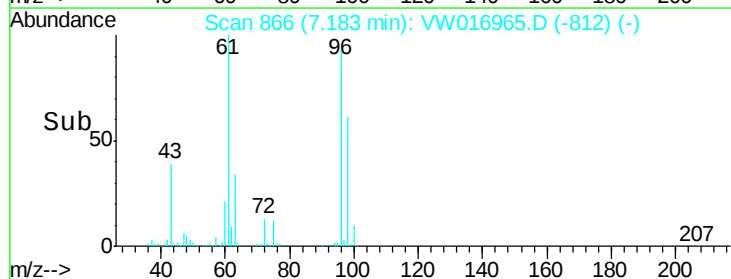
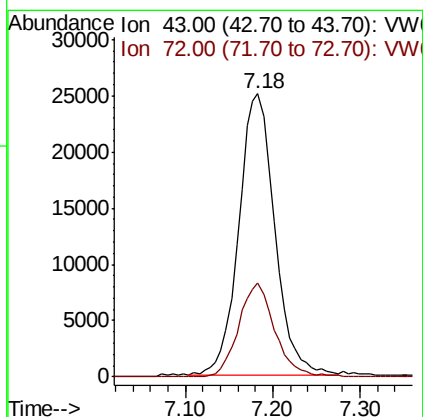
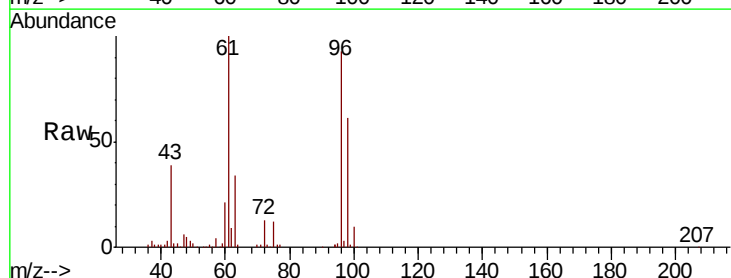
Instrument :
 MSVOA_W
 ClientSampled :
 VICV02

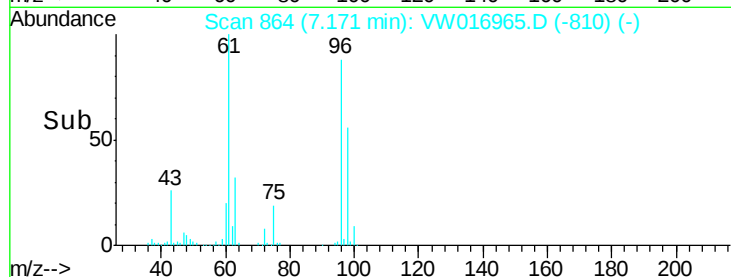
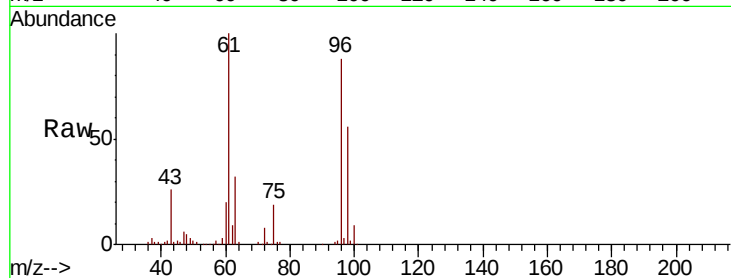
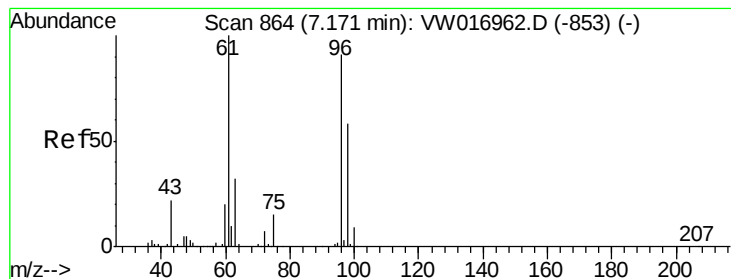
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.5	41.9
83	14.3	10.1	18.9



#21
 2-Butanone
 Concen: 55.810 ug/L
 RT: 7.18 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
72	32.9	16.1	48.2



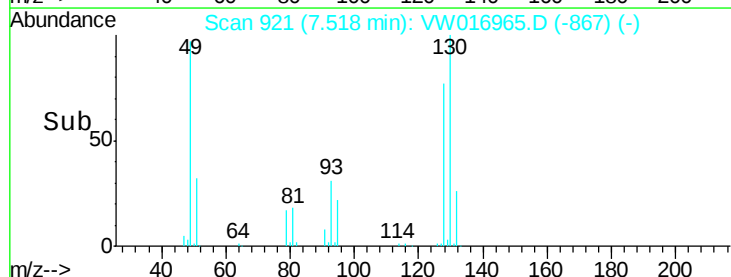
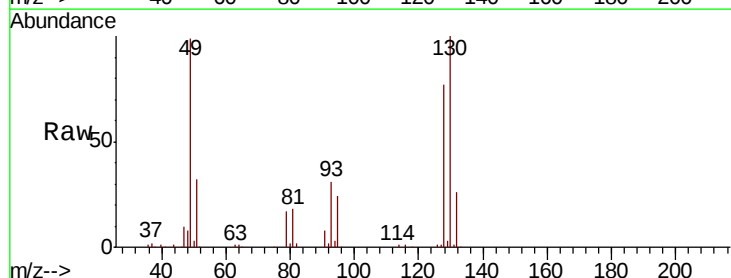
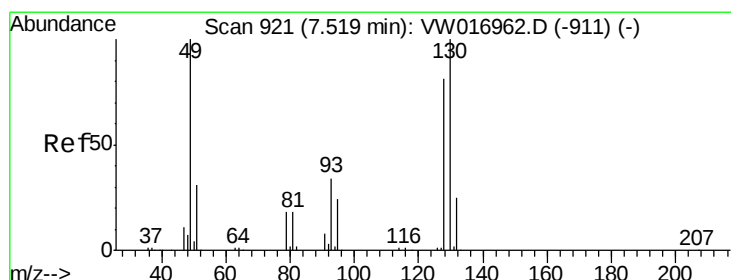
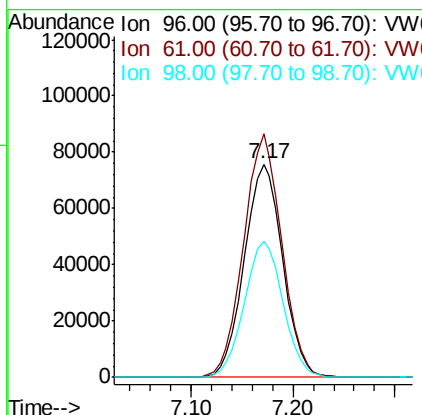


#22

cis-1,2-Dichloroethene
Concen: 27.284 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW016965.D
Acq: 22 Oct 2020 12:40

Instrument :
MSVOA_W
ClientSampled :
VICV02

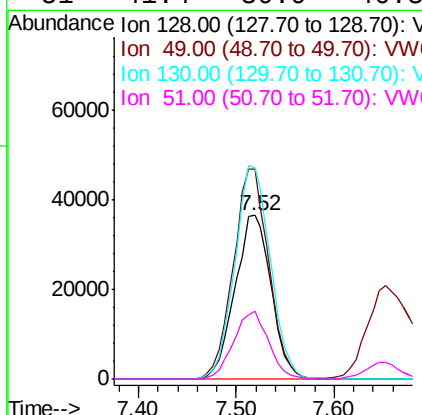
Tot Ion	96	Resp	198596
Ion Ratio	Lower	Upper	
96	100		
61	114.3	77.4	143.8
98	63.7	44.4	82.5

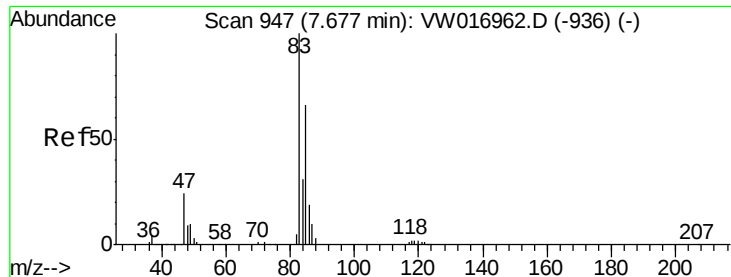


#23

Bromochloromethane
Concen: 27.731 ug/L
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW016965.D
Acq: 22 Oct 2020 12:40

Tgt Ion	128	Resp	93178
Ion Ratio	Lower	Upper	
128	100		
49	128.4	86.4	160.4
130	129.2	86.4	160.4
51	41.4	30.9	46.3

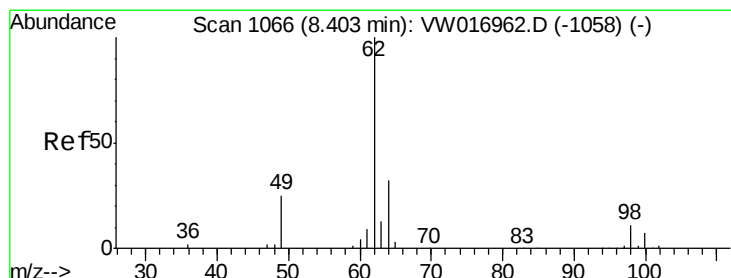
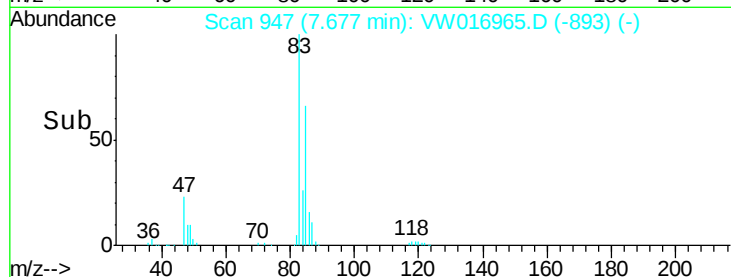
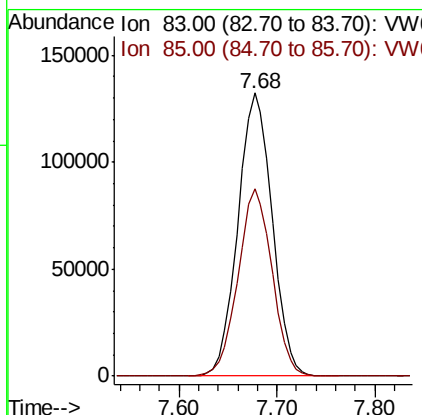
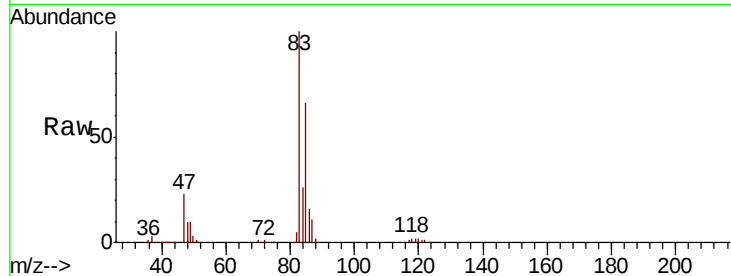




#25
Chloroform
Concen: 27.368 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW016965.D
Acq: 22 Oct 2020 12:40

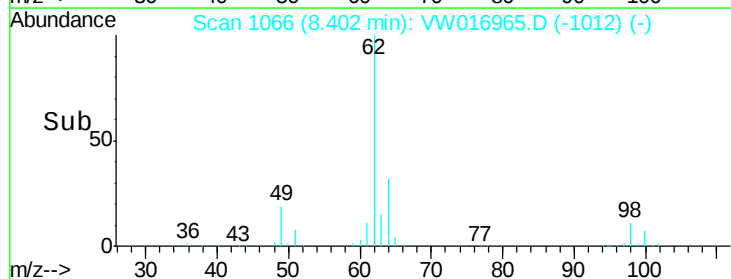
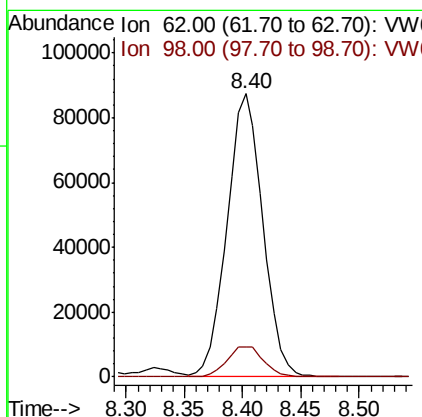
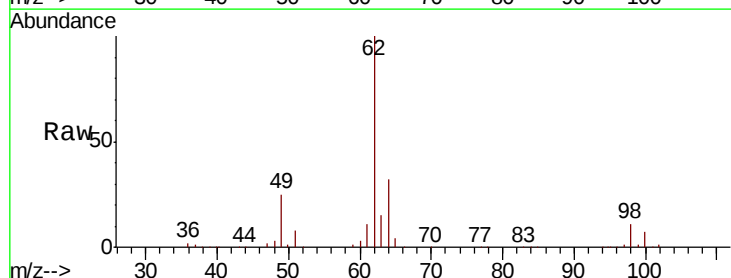
Instrument :
MSVOA_W
ClientSampleId :
VICV02

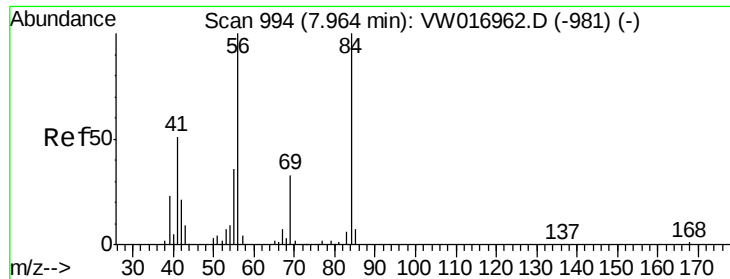
Tot Ion: 83 Resp: 321236
Ion Ratio Lower Upper
83 100
85 65.9 46.6 86.6



#27
1,2-Dichloroethane
Concen: 27.831 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016965.D
Acq: 22 Oct 2020 12:40

Tgt Ion: 62 Resp: 186027
Ion Ratio Lower Upper
62 100
98 10.7 8.5 12.7

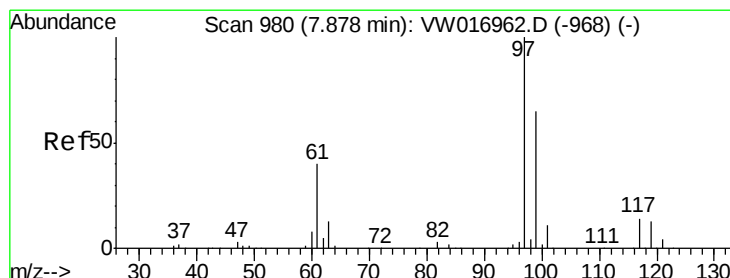
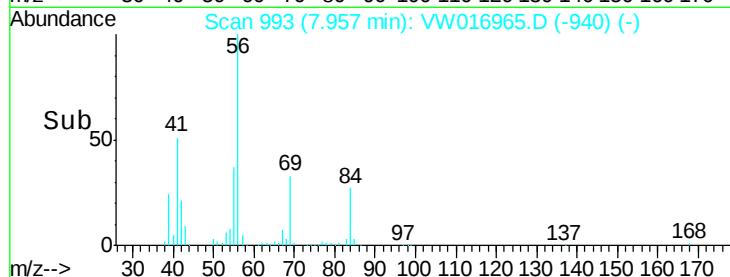
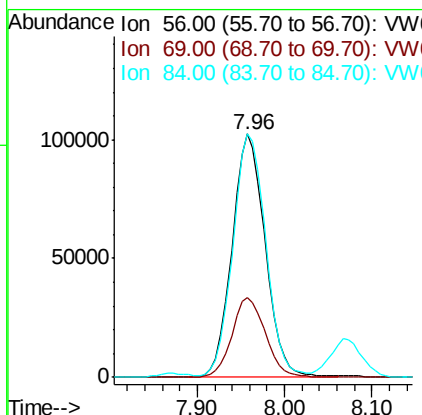
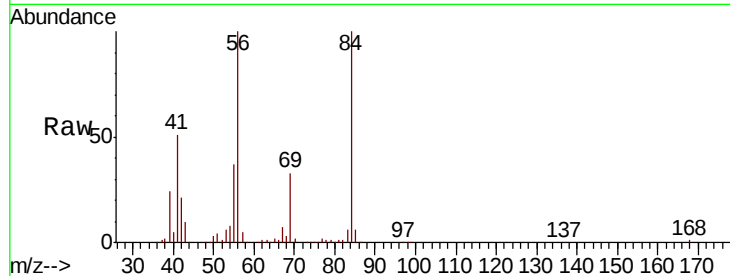




#30
Cyclohexane
Concen: 27.042 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW016965.D
Acq: 22 Oct 2020 12:40

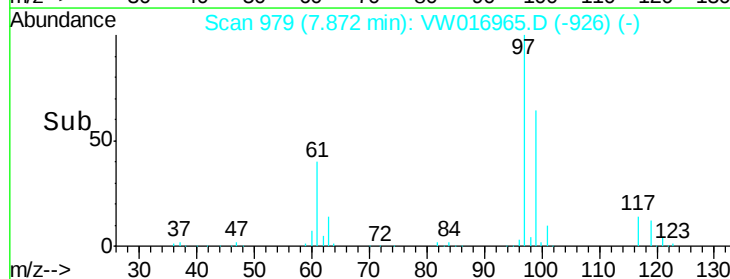
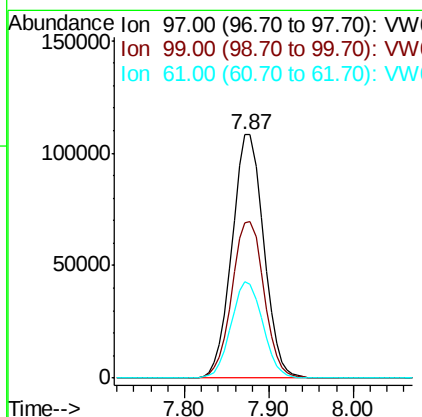
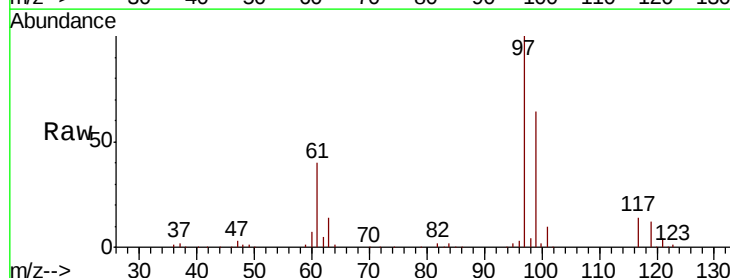
Instrument :
MSVOA_W
ClientSampled :
VICV02

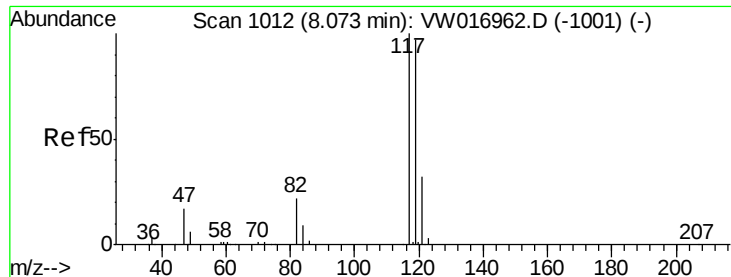
Tot Ion	56	Resp	269755
Ion Ratio	Lower	Upper	
56	100		
69	33.1	26.0	39.0
84	99.4	78.6	118.0



#31
1,1,1-Trichloroethane
Concen: 26.795 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW016965.D
Acq: 22 Oct 2020 12:40

Tgt Ion	97	Resp	276631
Ion Ratio	Lower	Upper	
97	100		
99	65.0	51.3	76.9
61	39.5	31.8	47.8

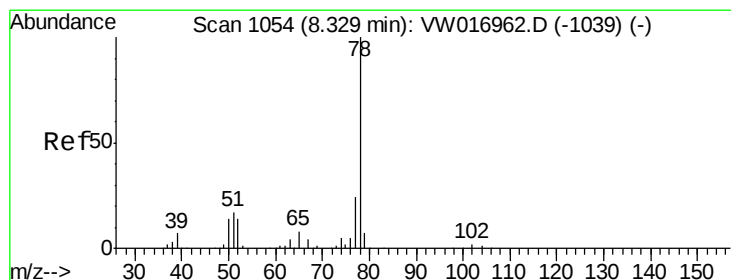
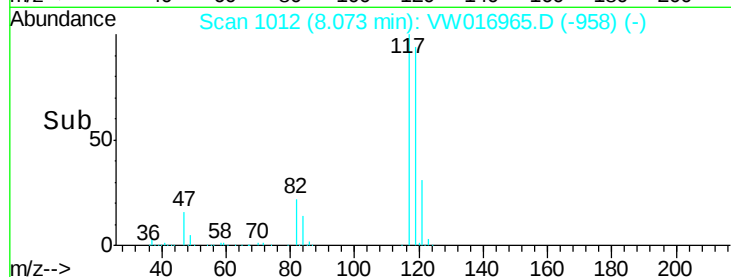
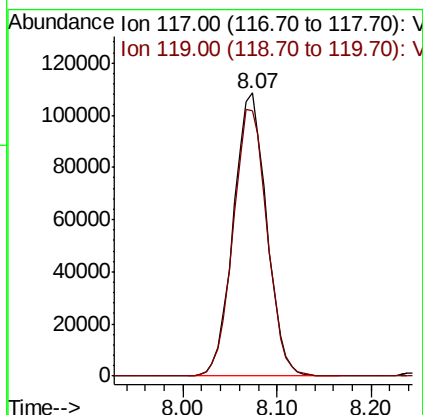
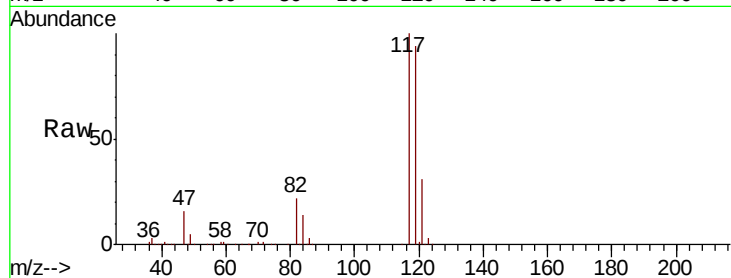




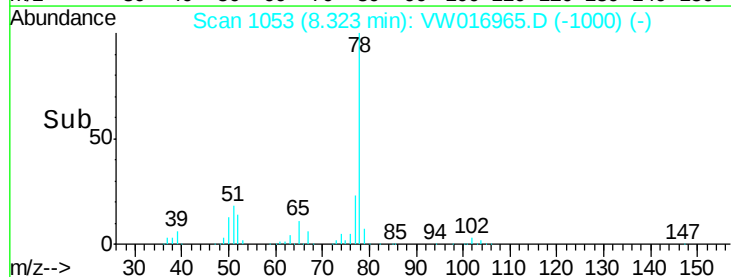
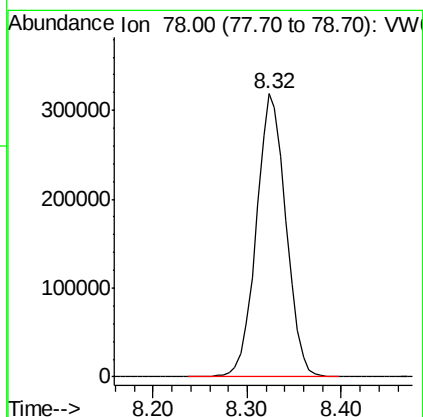
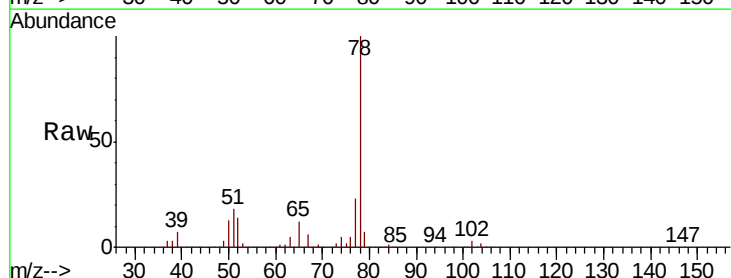
#32
Carbon tetrachloride
Concen: 26.753 ug/L
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW016965.D
Acq: 22 Oct 2020 12:40

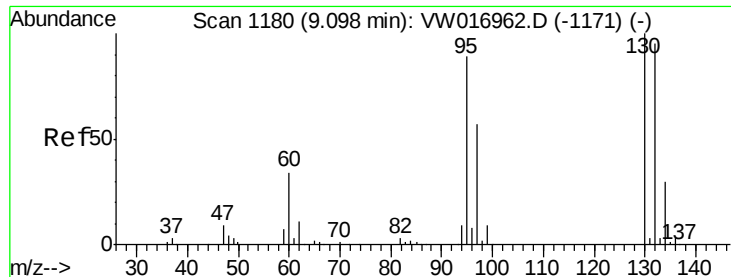
Instrument :
MSVOA_W
ClientSampleId :
VICV02

Tot Ion:117 Resp: 265114
Ion Ratio Lower Upper
117 100
119 96.7 78.0 117.0



#34
Benzene
Concen: 26.684 ug/L
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016965.D
Acq: 22 Oct 2020 12:40
Tgt Ion: 78 Resp: 702955

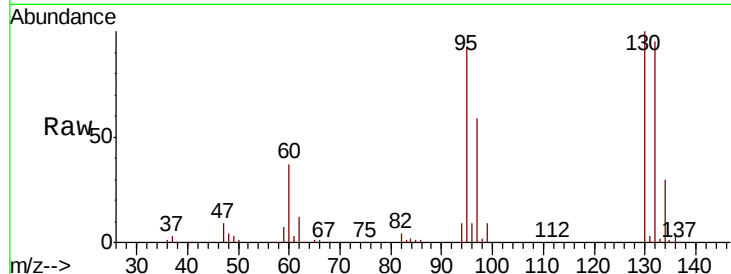




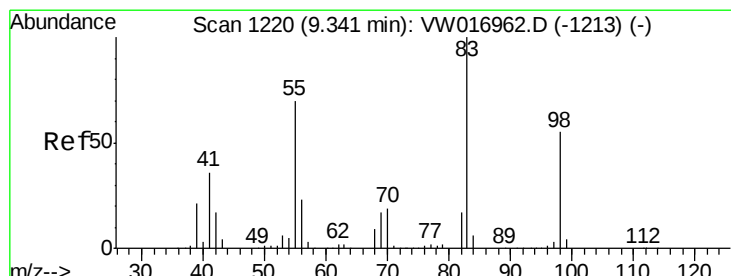
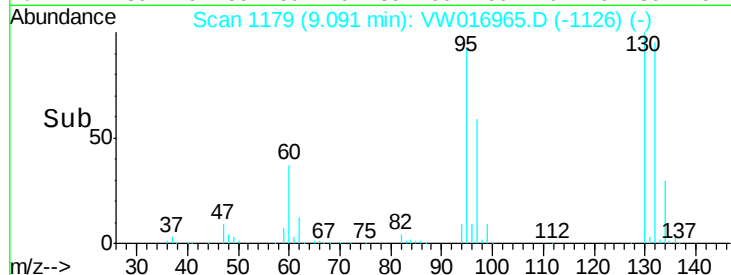
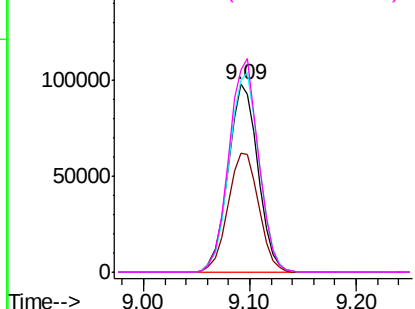
#35
 Trichloroethene
 Concen: 26.415 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV02

Tot Ion: 95 Resp: 192728
 Ion Ratio Lower Upper
 95 100
 97 65.2 46.0 85.4
 132 107.3 73.9 137.3
 130 112.9 77.6 144.2

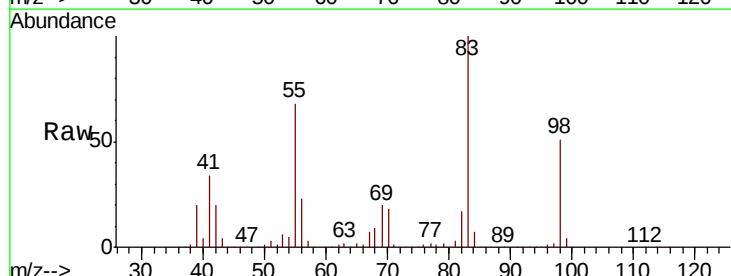


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

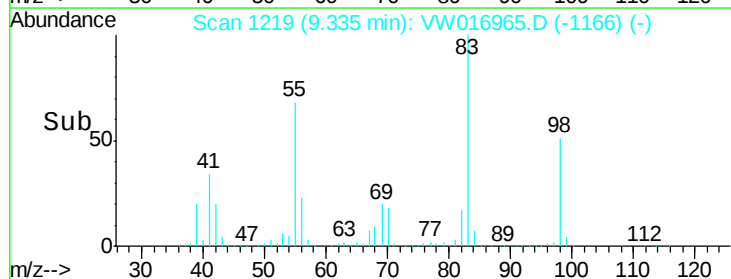
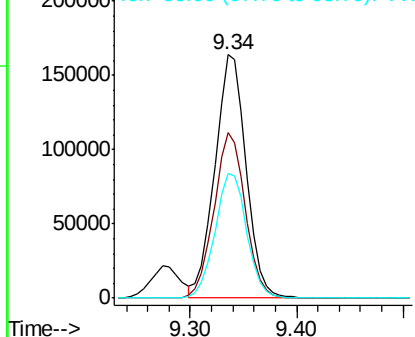


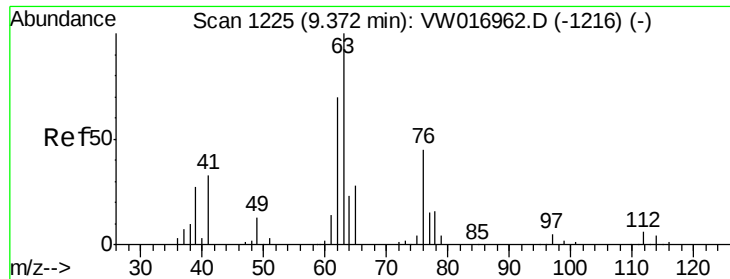
#36
 Methylcyclohexane
 Concen: 27.204 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Tgt Ion: 83 Resp: 333331
 Ion Ratio Lower Upper
 83 100
 55 67.9 54.5 81.7
 98 52.0 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

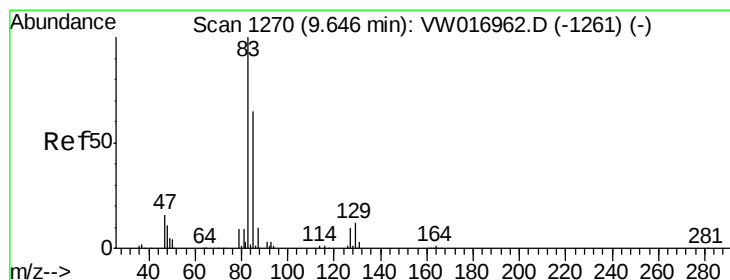
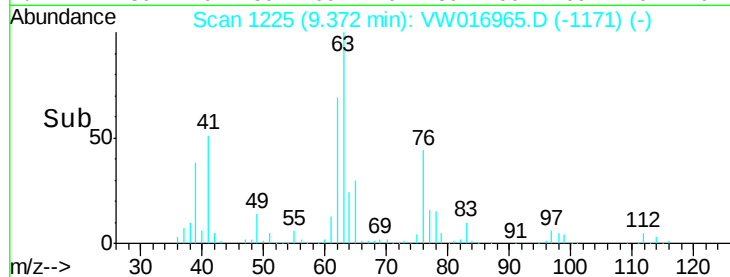
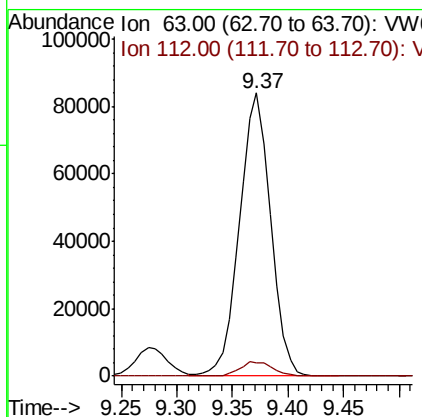
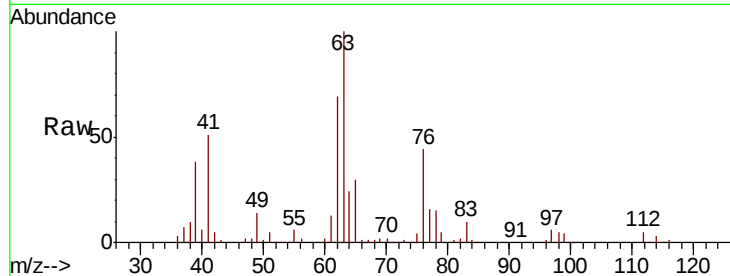




#40
 1,2-Dichloropropane
 Concen: 27.766 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

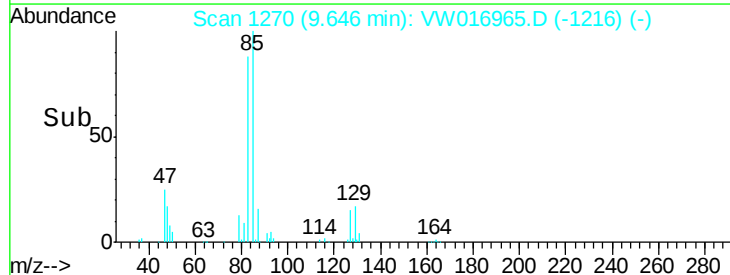
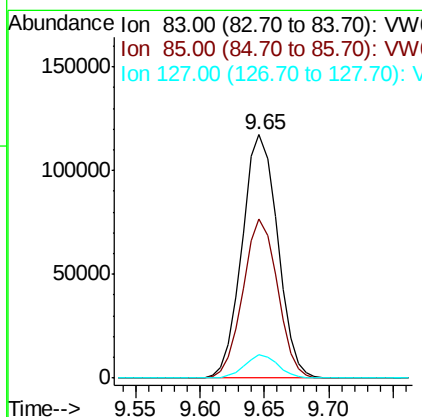
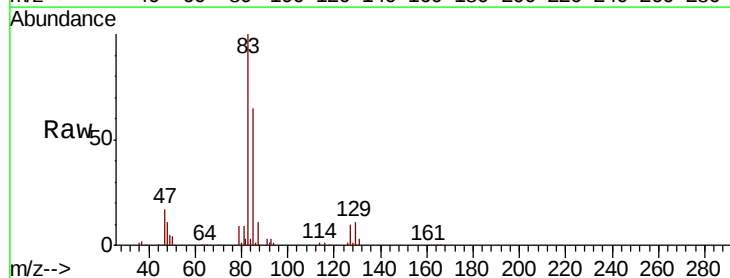
Instrument :
 MSVOA_W
 ClientSampled :
 VICV02

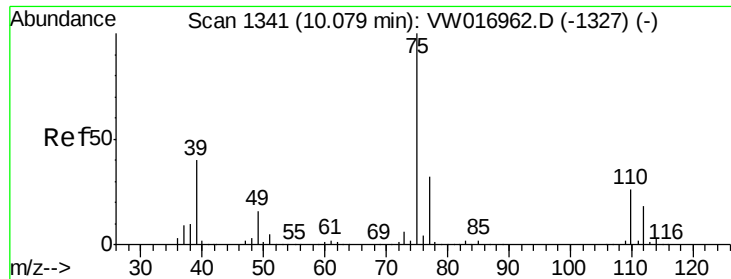
Tot Ion: 63 Resp: 163353
 Ion Ratio Lower Upper
 63 100
 112 5.4 4.5 6.7



#41
 Bromodichloromethane
 Concen: 28.107 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Tgt Ion: 83 Resp: 224443
 Ion Ratio Lower Upper
 83 100
 85 65.4 45.1 83.9
 127 9.7 7.8 11.6

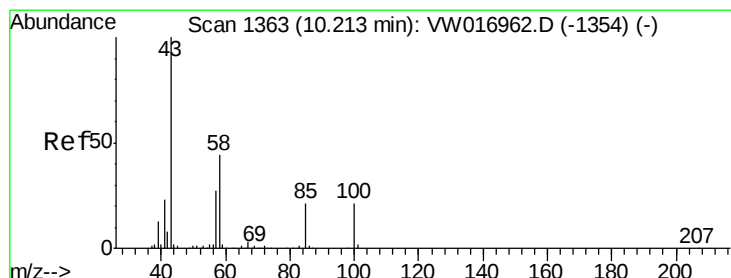
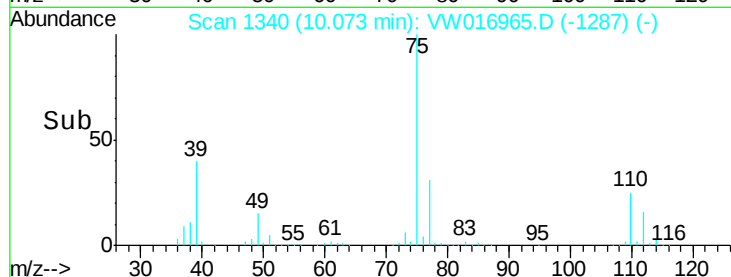
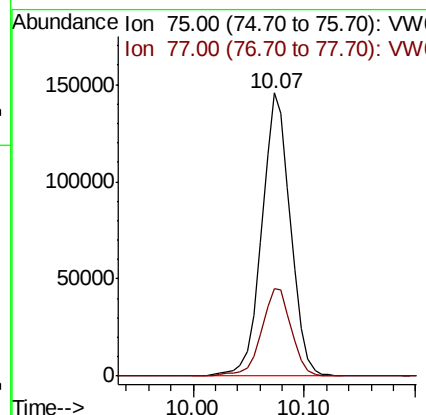
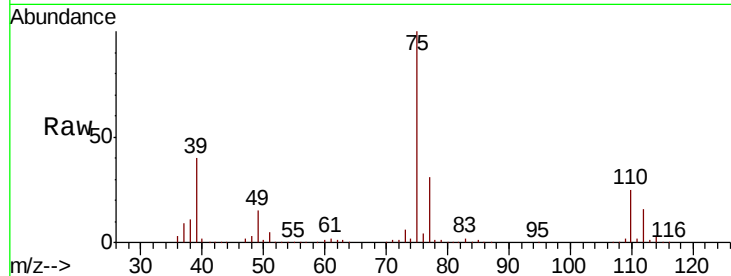




#42
 cis-1,3-Dichloropropene
 Concen: 28.323 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

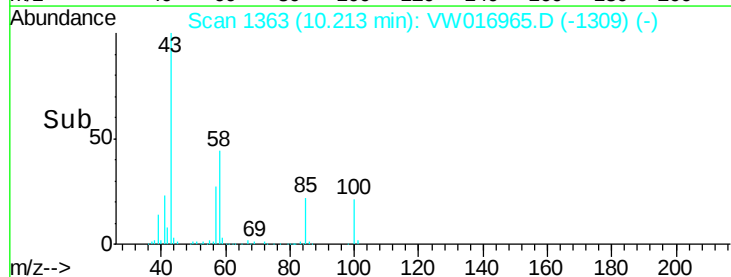
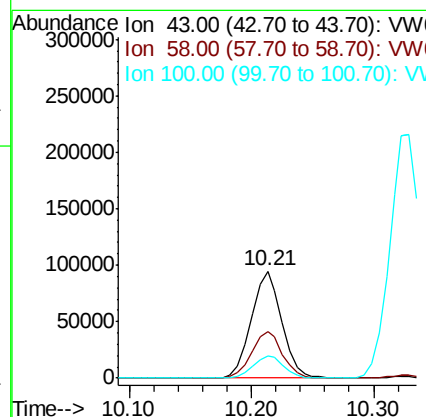
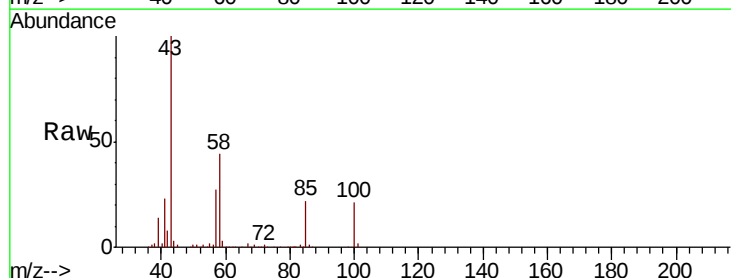
Instrument :
 MSVOA_W
 ClientSampled :
 VICV02

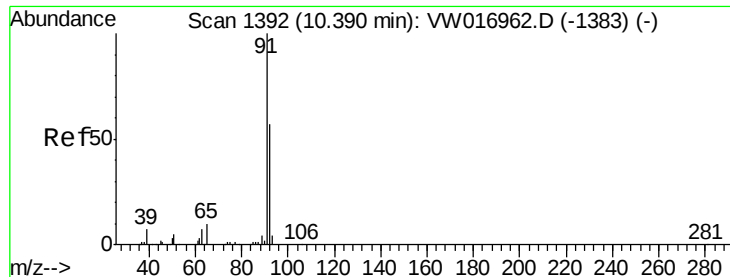
Tot Ion: 75 Resp: 260563
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.7 42.1



#43
 4-Methyl-2-pentanone
 Concen: 58.727 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Tgt Ion: 43 Resp: 163776
 Ion Ratio Lower Upper
 43 100
 58 44.0 34.4 51.6
 100 21.0 16.2 24.2





#44

Toluene

Concen: 27.454 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

Instrument :

MSVOA_W

ClientSampled :

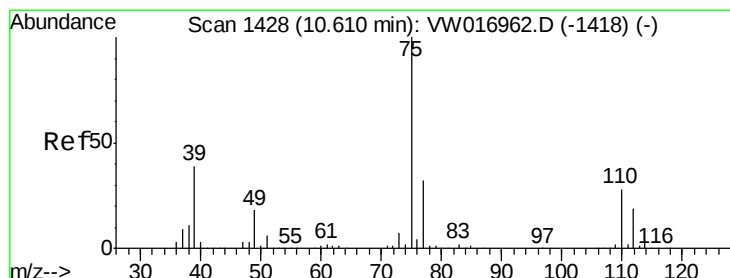
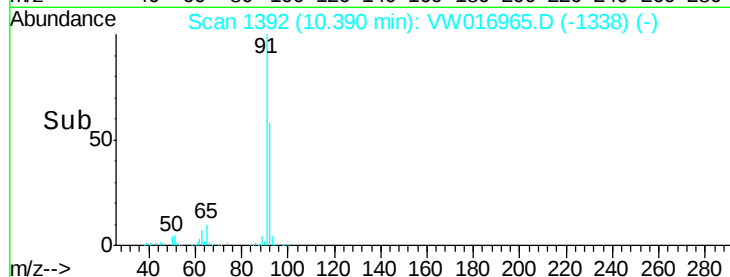
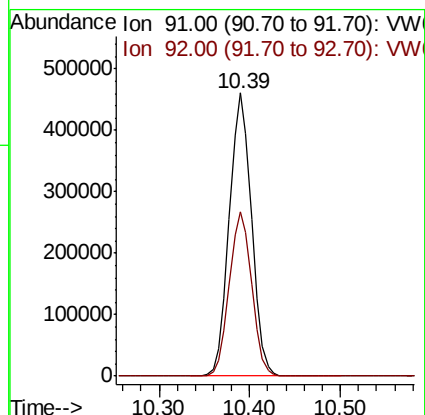
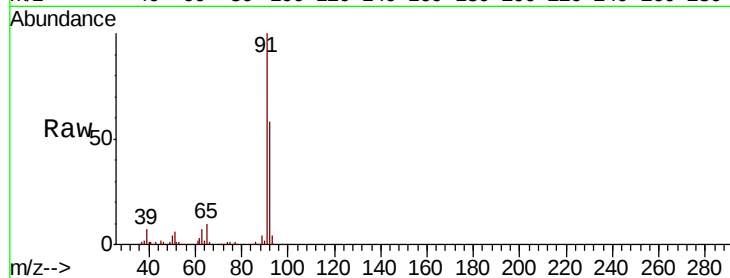
VICV02

Tot Ion: 91 Resp: 783594

Ion Ratio Lower Upper

91 100

92 58.3 40.1 74.5



#45

trans-1,3-Dichloropropene

Concen: 29.069 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW016965.D

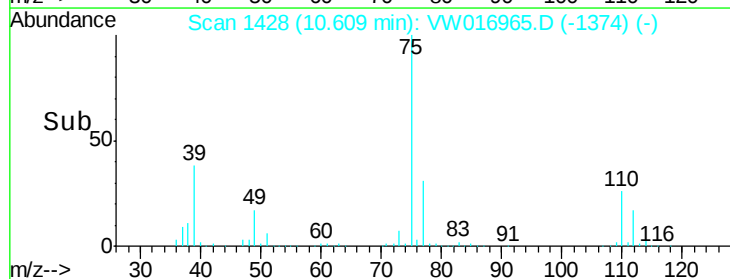
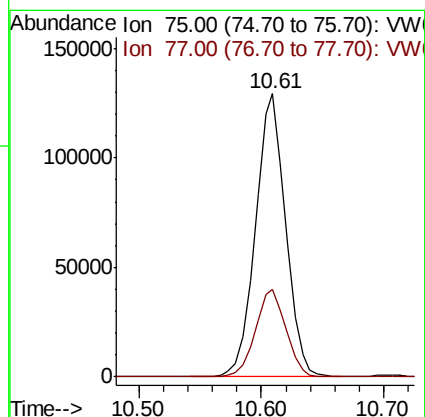
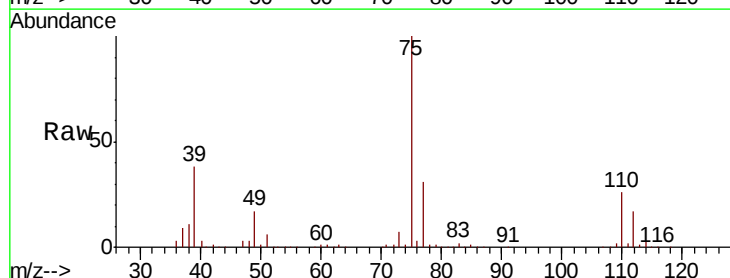
Acq: 22 Oct 2020 12:40

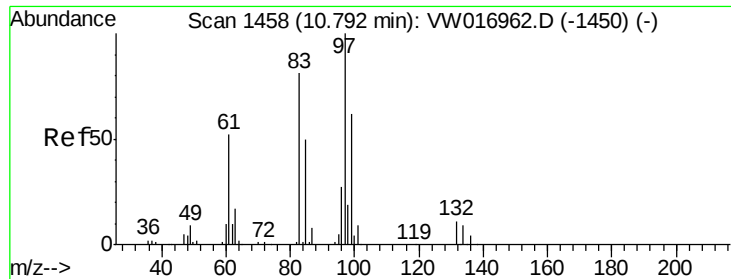
Tgt Ion: 75 Resp: 221538

Ion Ratio Lower Upper

75 100

77 31.1 22.7 42.3



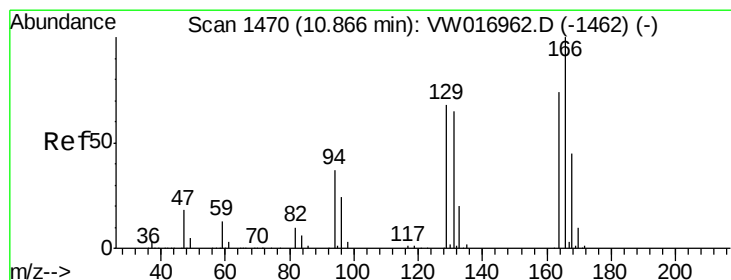
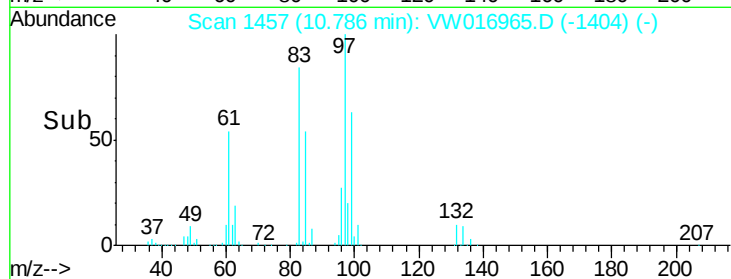
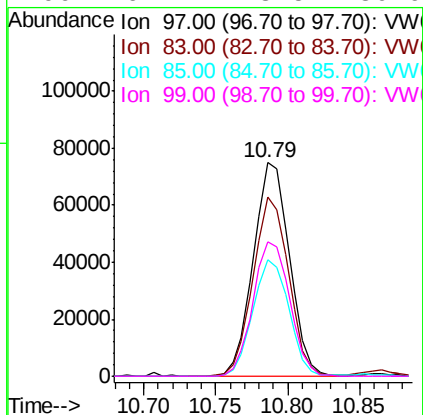
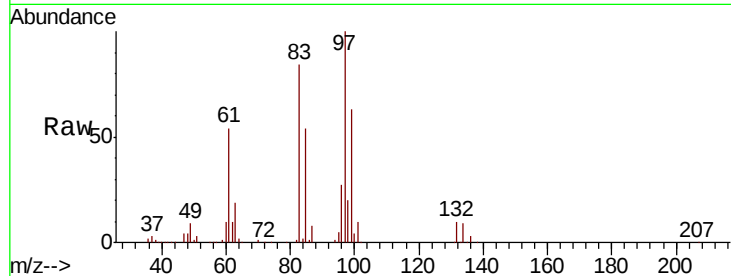


#46
 1,1,2-Trichloroethane
 Concen: 27.633 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Instrument :
 MSVOA_W
 ClientSampled :
 VICV02

Tot Ion: 97 Resp: 130129

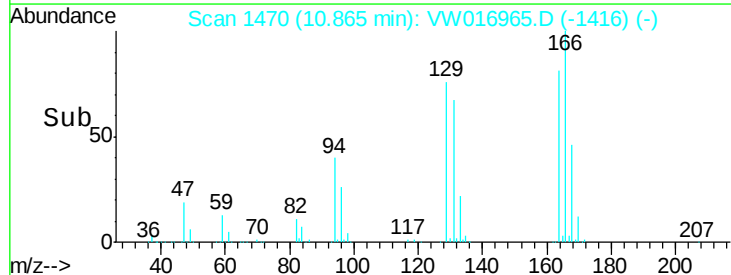
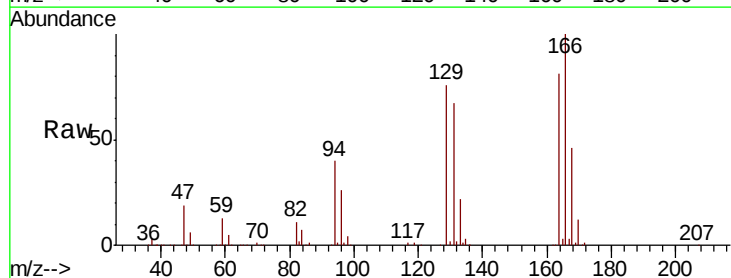
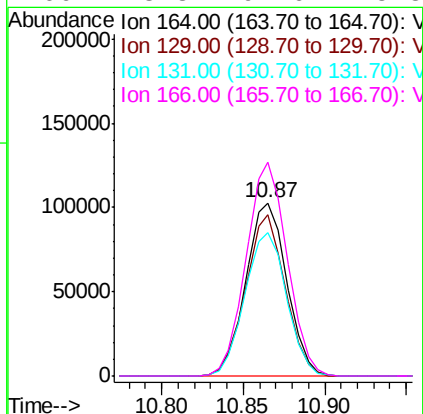
Ion	Ratio	Lower	Upper
97	100		
83	83.9	56.6	105.0
85	54.4	34.6	64.3
99	62.7	43.5	80.9

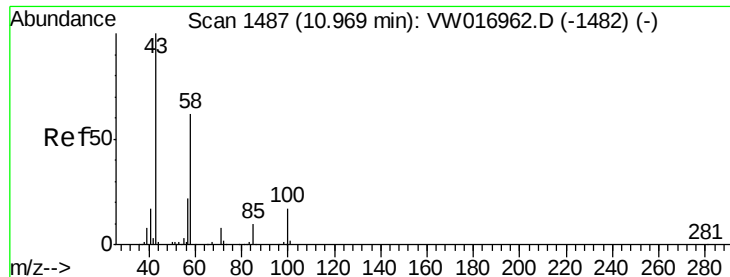


#47
 Tetrachloroethene
 Concen: 26.643 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. -0.00 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Tgt Ion: 164 Resp: 178809

Ion	Ratio	Lower	Upper
164	100		
129	93.3	64.0	119.0
131	83.1	61.7	114.5
166	123.3	94.6	175.8

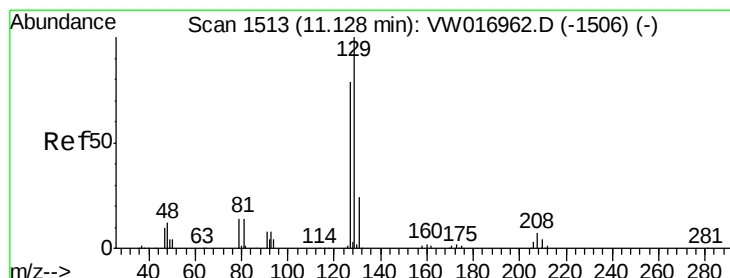
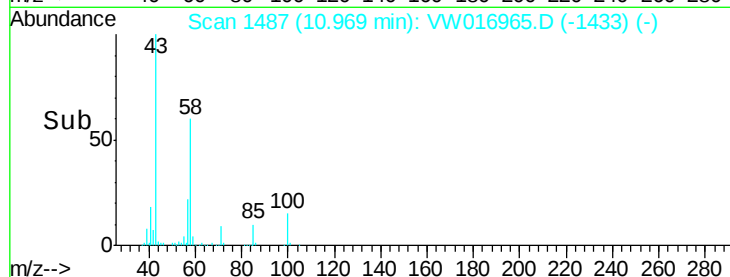
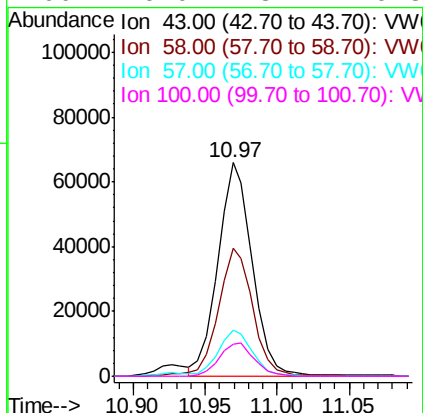
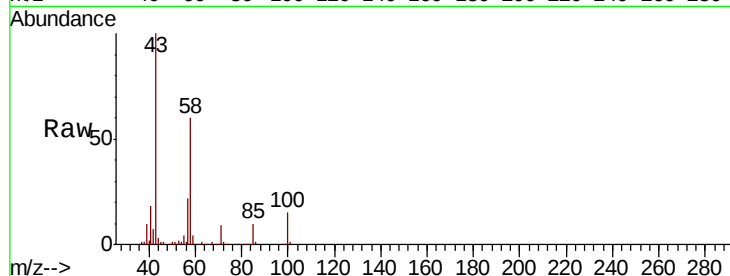




#49
2-Hexanone
Concen: 61.430 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW016965.D
Acq: 22 Oct 2020 12:40

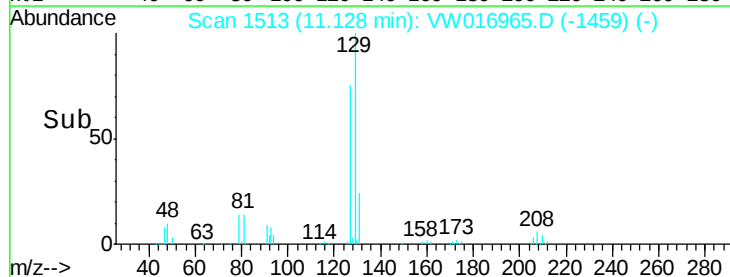
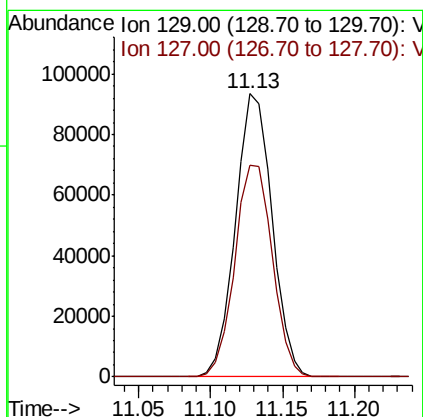
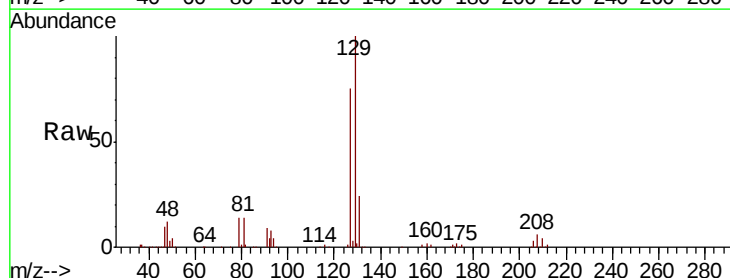
Instrument :
MSVOA_W
ClientSampled :
VICV02

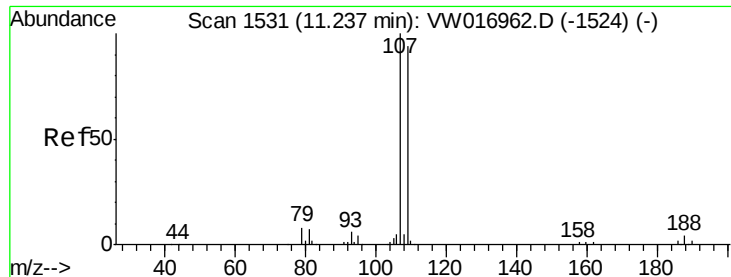
Tot Ion: 43 Resp: 109182
Ion Ratio Lower Upper
43 100
58 61.0 49.2 73.8
57 21.4 17.0 25.4
100 16.0 13.2 19.8



#50
Dibromochloromethane
Concen: 28.883 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW016965.D
Acq: 22 Oct 2020 12:40

Tgt Ion: 129 Resp: 165693
Ion Ratio Lower Upper
129 100
127 74.9 55.4 102.8

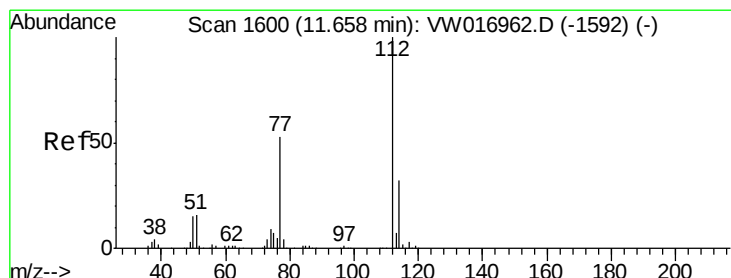
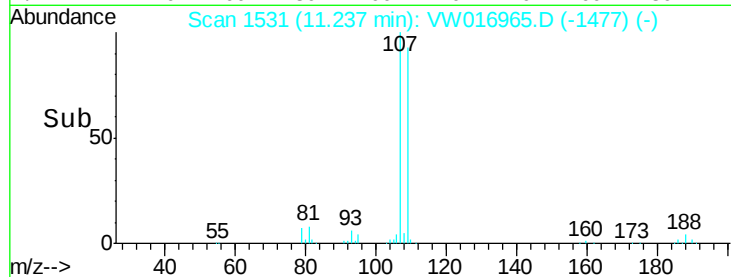
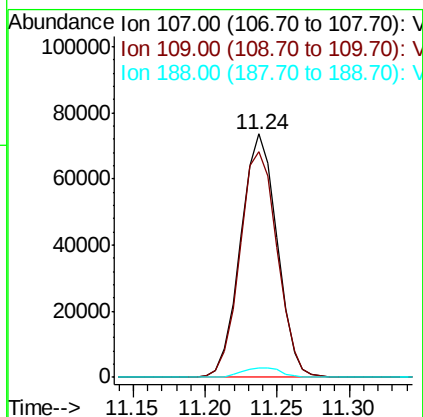
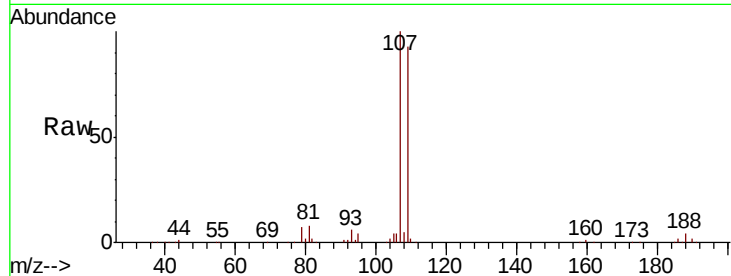




#51
 1,2-Dibromoethane
 Concen: 28.754 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

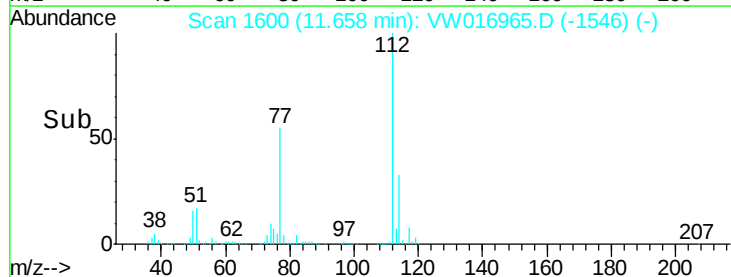
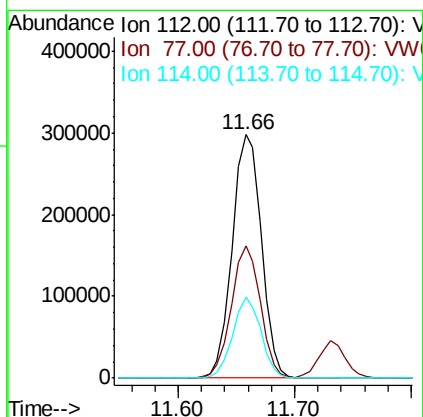
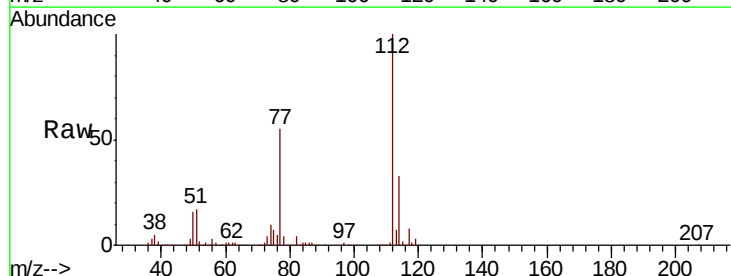
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV02

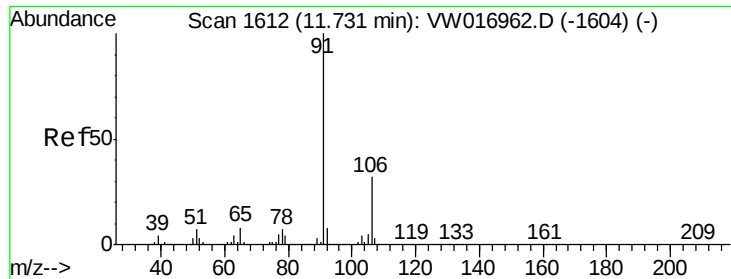
Tot Ion:107 Resp: 129095
 Ion Ratio Lower Upper
 107 100
 109 92.8 65.7 121.9
 188 3.8 3.1 4.7



#52
 Chlorobenzene
 Concen: 27.338 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Tgt Ion:112 Resp: 521611
 Ion Ratio Lower Upper
 112 100
 77 54.5 42.5 63.7
 114 33.5 22.3 41.3





#53

Ethylbenzene

Concen: 27.590 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

Instrument :

MSVOA_W

ClientSampleId :

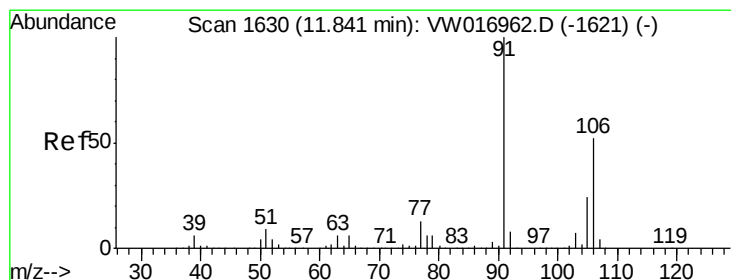
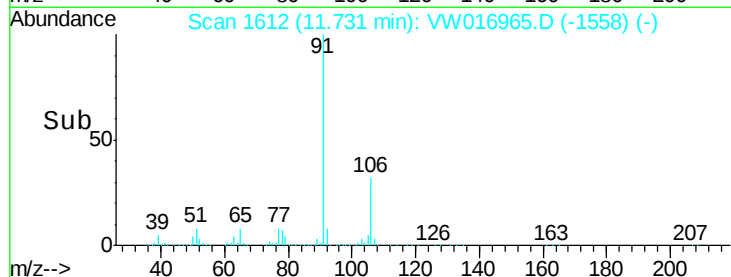
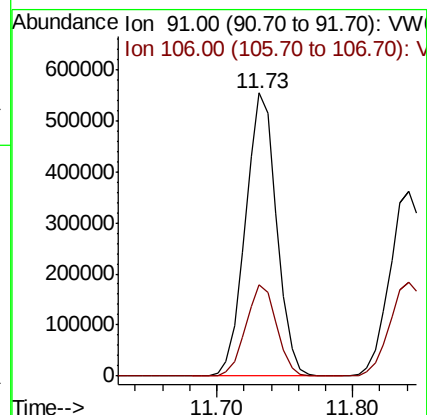
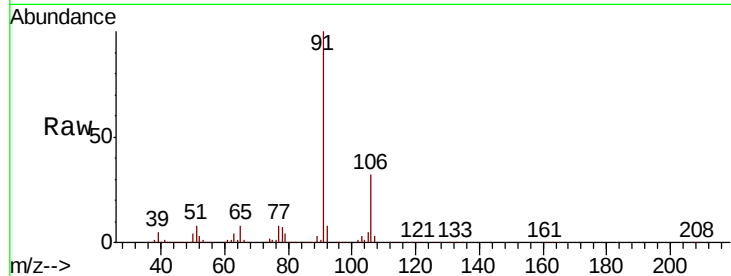
VICV02

Tot Ion: 91 Resp: 884380

Ion Ratio Lower Upper

91 100

106 32.3 22.5 41.7



#54

m,p-Xylene

Concen: 27.724 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW016965.D

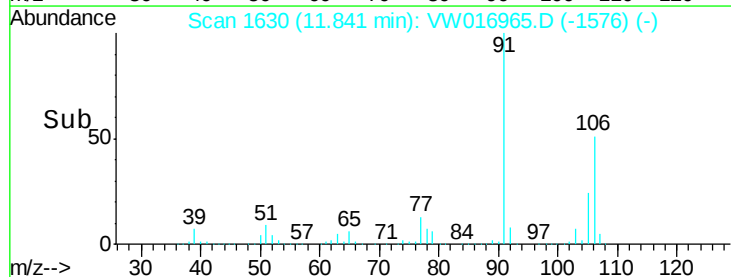
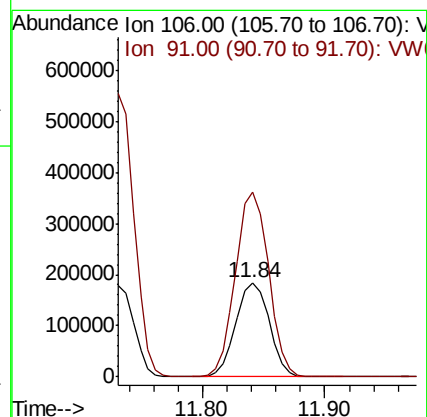
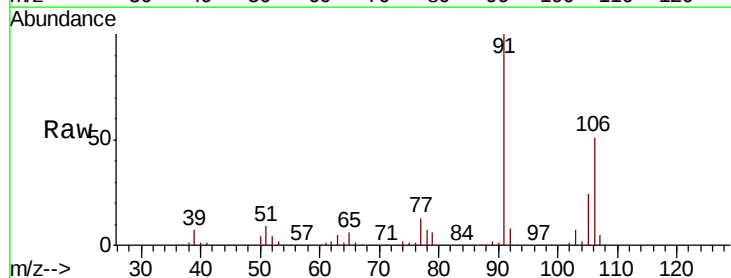
Acq: 22 Oct 2020 12:40

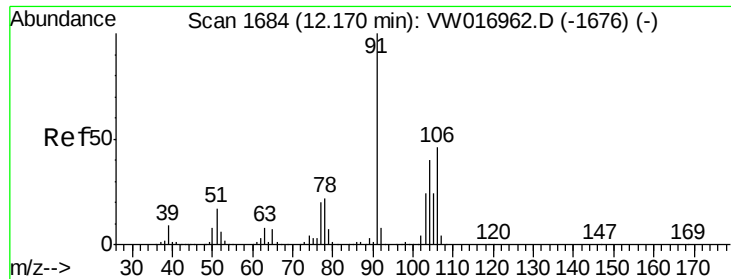
Tgt Ion: 106 Resp: 349616

Ion Ratio Lower Upper

106 100

91 196.4 134.2 249.2

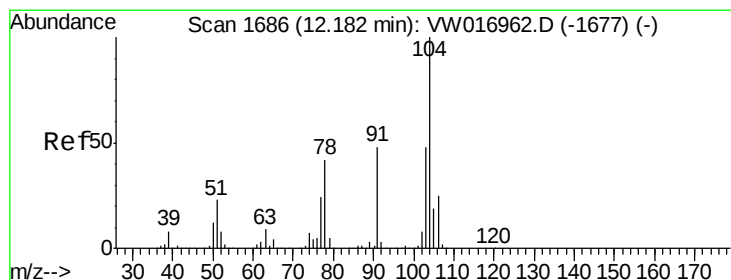
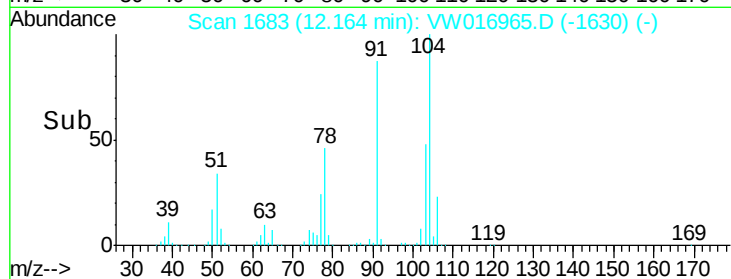
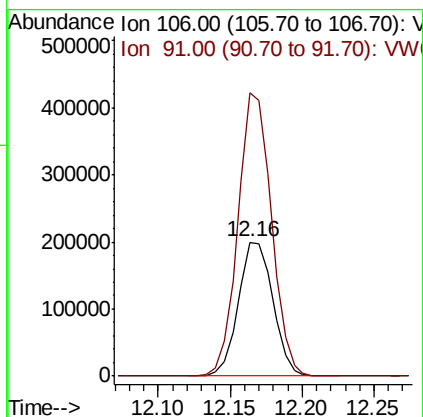
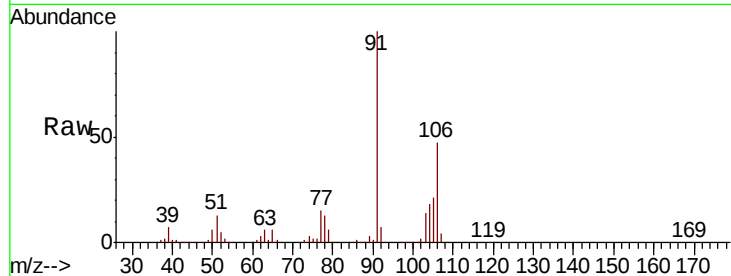




#55
o-xylene
Concen: 28.411 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016965.D
Acq: 22 Oct 2020 12:40

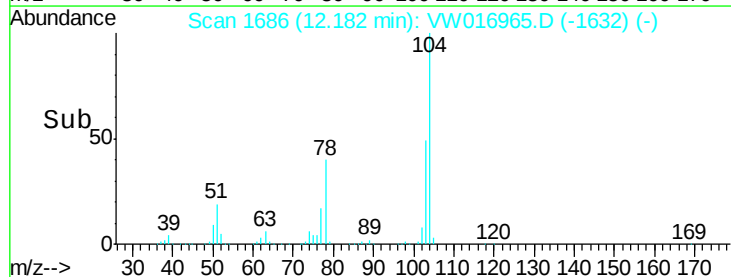
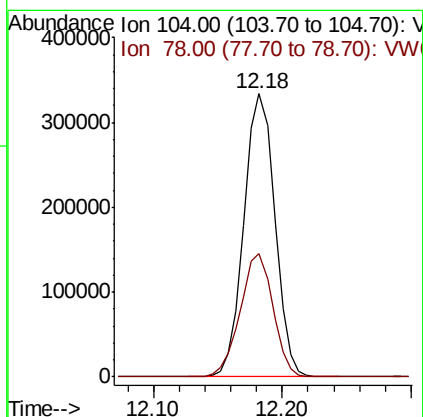
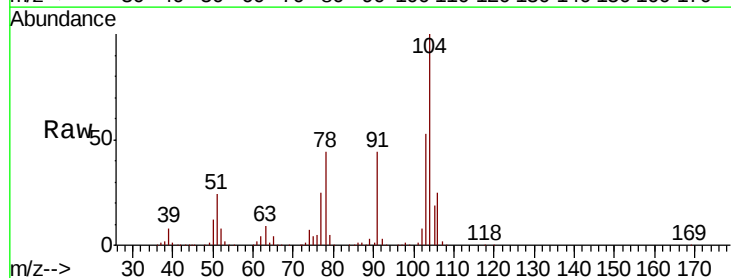
Instrument :
MSVOA_W
ClientSampled :
VICV02

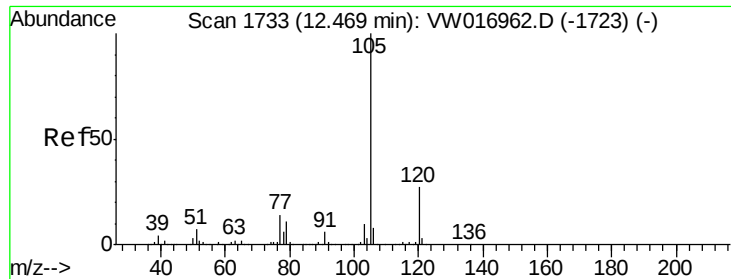
Tot Ion:106 Resp: 331888
Ion Ratio Lower Upper
106 100
91 211.1 150.9 280.3



#56
Styrene
Concen: 28.384 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016965.D
Acq: 22 Oct 2020 12:40

Tgt Ion:104 Resp: 554693
Ion Ratio Lower Upper
104 100
78 43.7 29.3 54.5





#57

Isopropylbenzene

Concen: 27.778 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

Instrument :

MSVOA_W

ClientSampleId :

VICV02

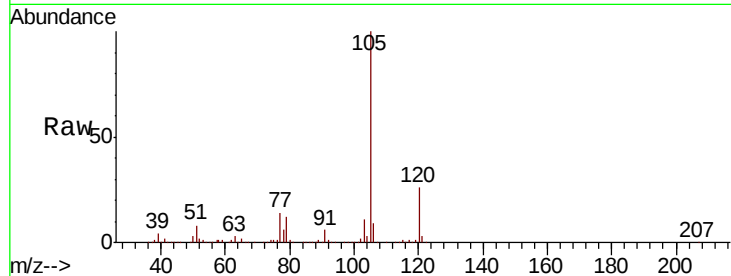
Tot Ion:105 Resp: 897538

Ion Ratio Lower Upper

105 100

120 27.2 21.4 32.2

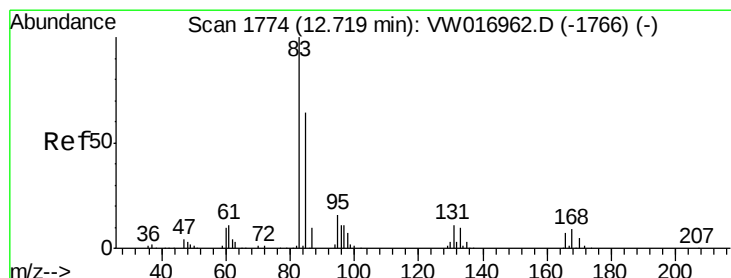
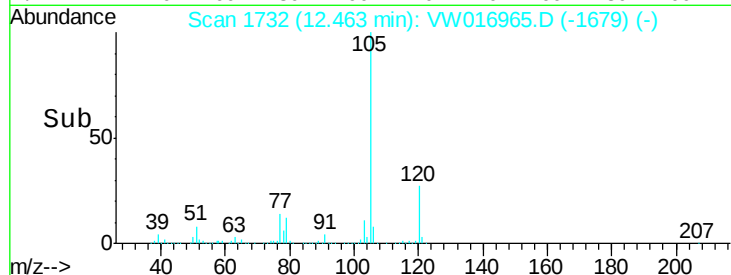
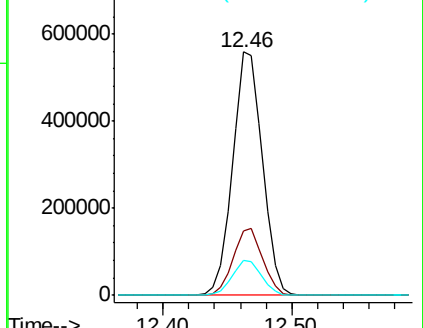
77 14.2 11.4 17.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 29.330 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

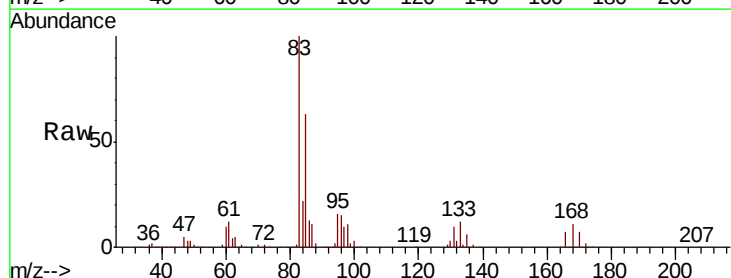
Tgt Ion: 83 Resp: 148249

Ion Ratio Lower Upper

83 100

85 63.5 45.1 83.7

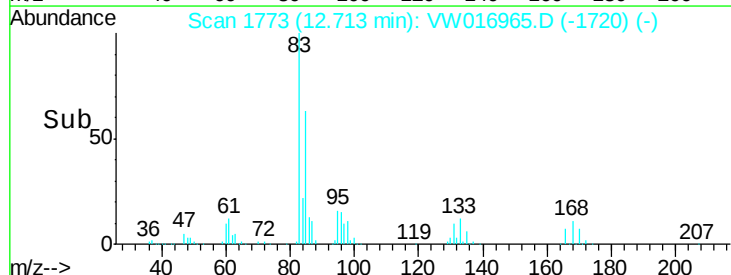
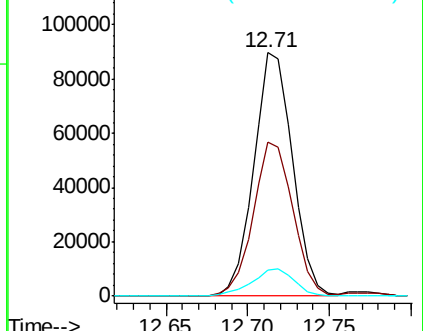
131 10.5 9.1 13.7

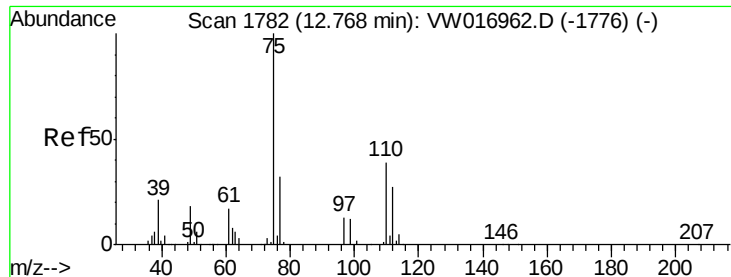


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 29.040 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

Instrument :

MSVOA_W

ClientSampleId :

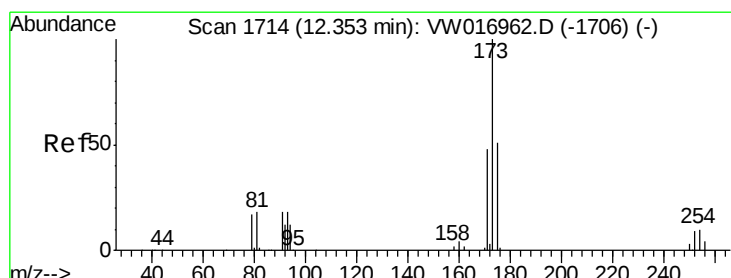
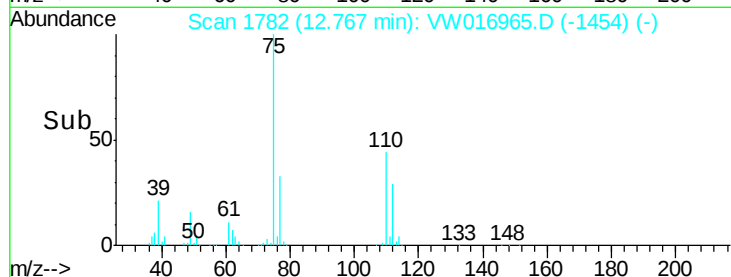
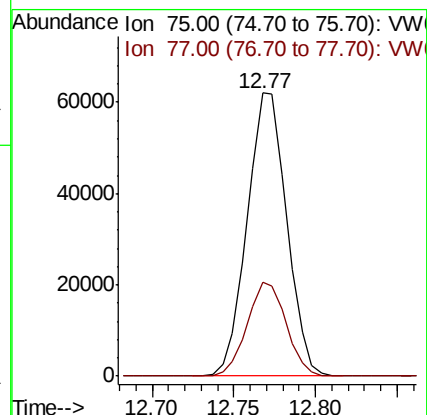
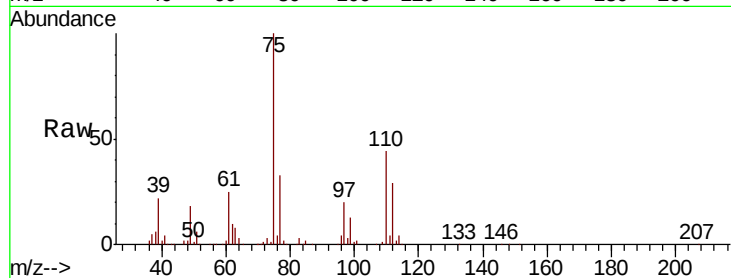
VICV02

Tot Ion: 75 Resp: 105042

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8



#62

Bromoform

Concen: 27.790 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

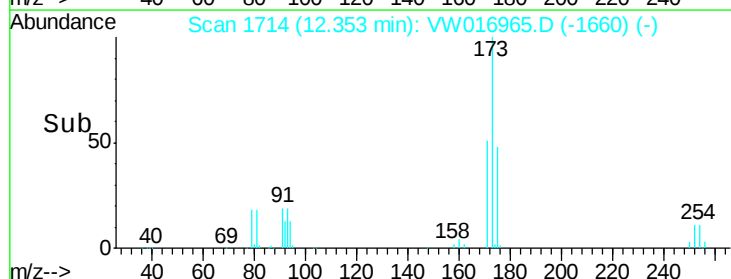
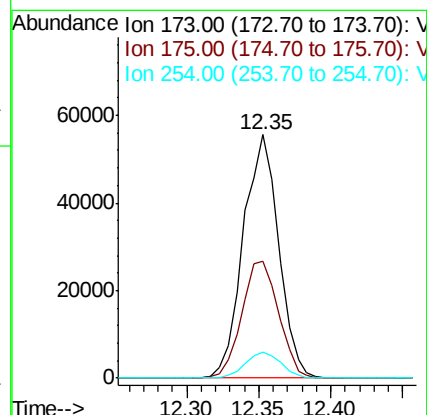
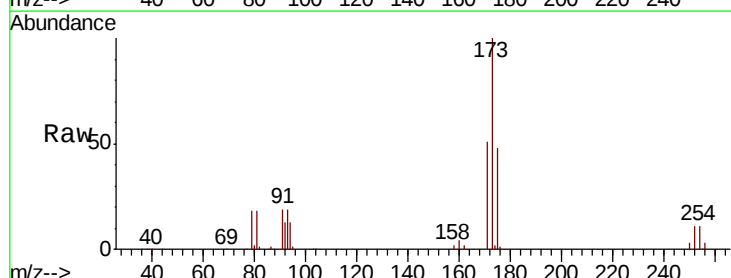
Tgt Ion: 173 Resp: 94489

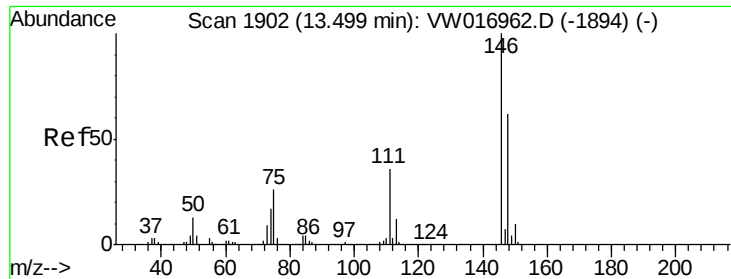
Ion Ratio Lower Upper

173 100

175 50.0 38.3 57.5

254 10.7 7.8 11.6

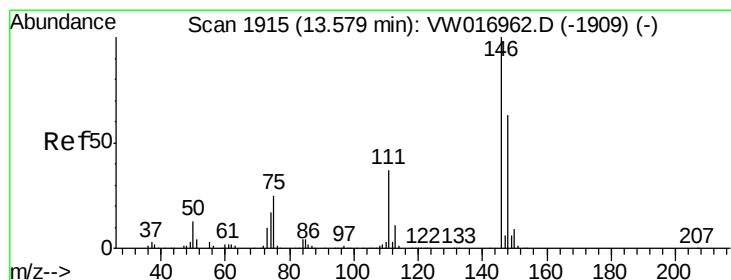
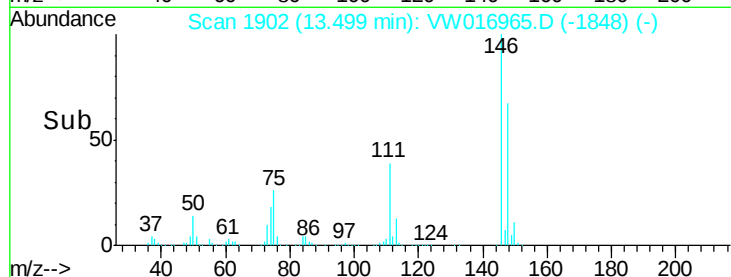
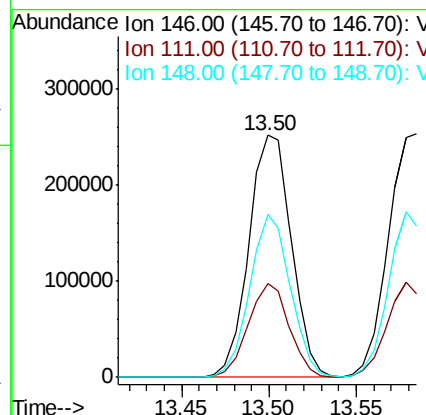
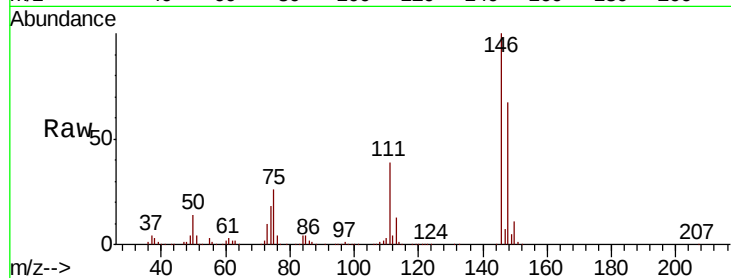




#63
 1,3-Dichlorobenzene
 Concen: 27.218 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

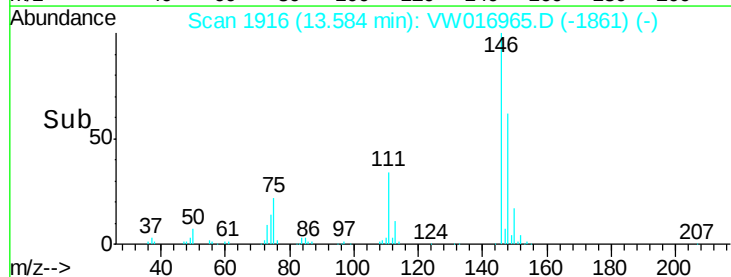
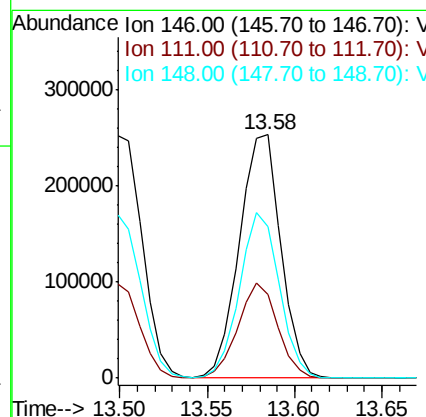
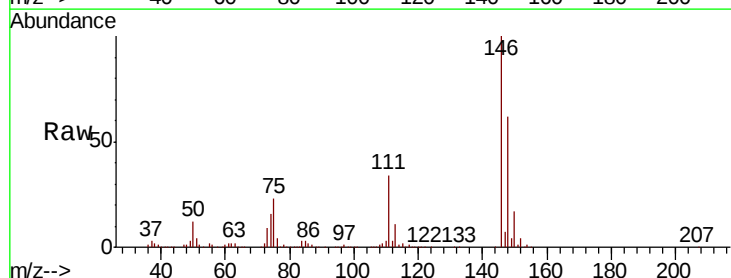
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV02

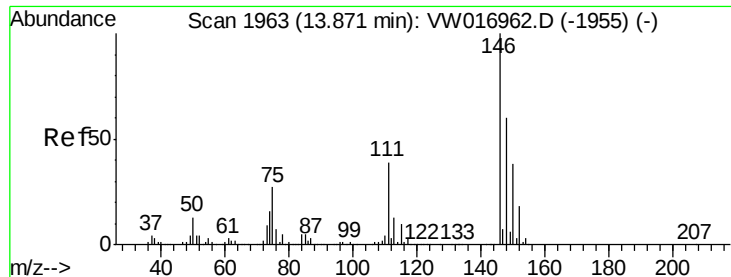
Tot Ion:146 Resp: 424937
 Ion Ratio Lower Upper
 146 100
 111 39.1 25.5 47.3
 148 67.5 43.1 80.1



#64
 1,4-Dichlorobenzene
 Concen: 26.822 ug/L
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Tgt Ion:146 Resp: 417435
 Ion Ratio Lower Upper
 146 100
 111 34.3 25.7 47.7
 148 62.1 44.3 82.3





#65

1,2-Dichlorobenzene

Concen: 27.280 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

Instrument :

MSVOA_W

ClientSampleId :

VICV02

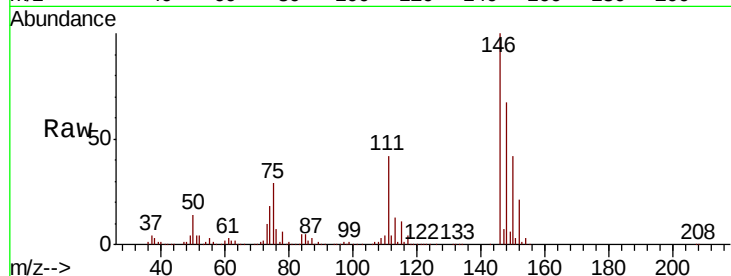
Tot Ion:146 Resp: 375712

Ion Ratio Lower Upper

146 100

111 42.0 31.4 47.0

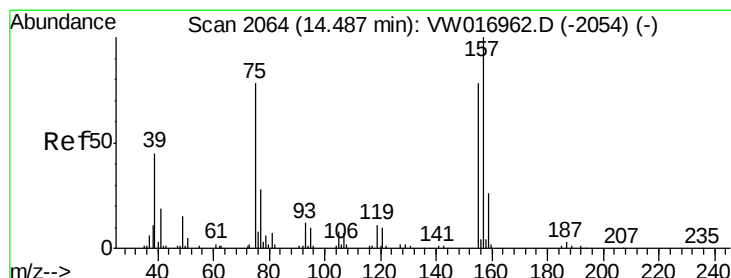
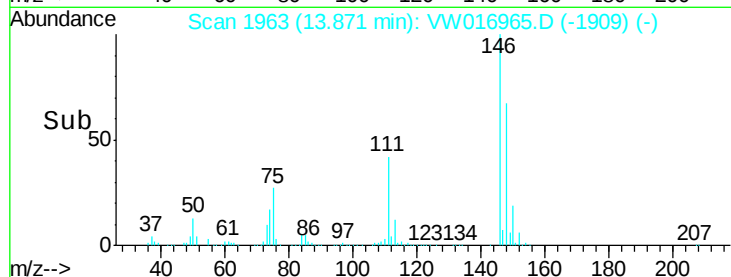
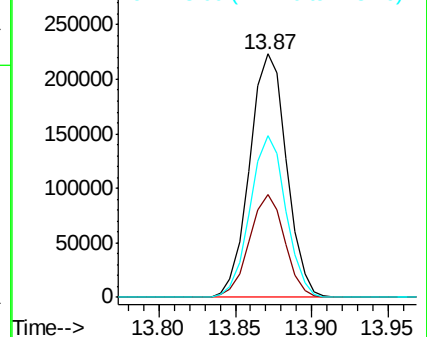
148 66.6 47.7 71.5



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 30.550 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

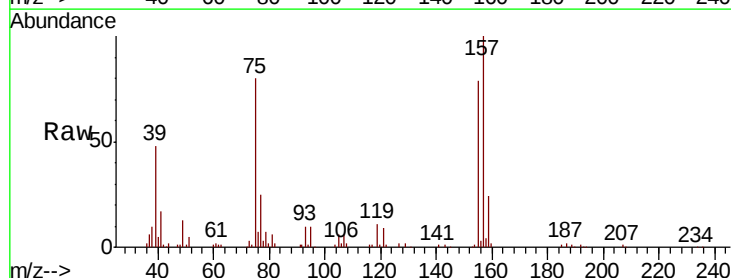
Tgt Ion: 75 Resp: 22888

Ion Ratio Lower Upper

75 100

157 125.3 102.5 153.7

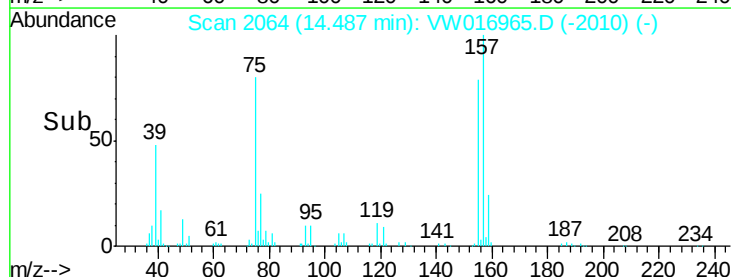
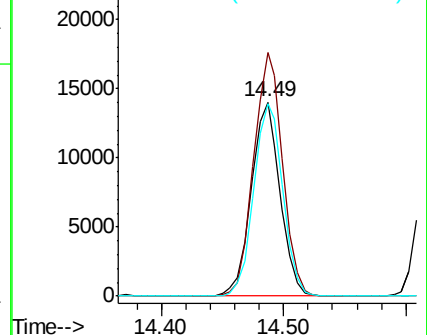
155 98.9 80.3 120.5

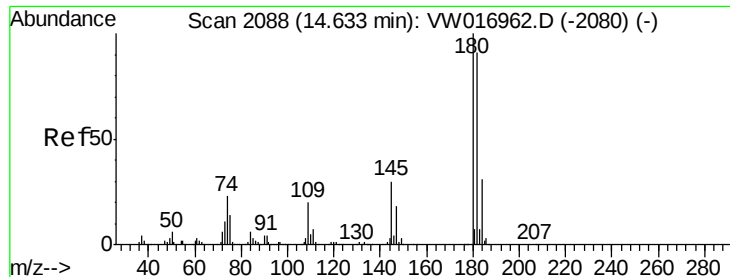


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

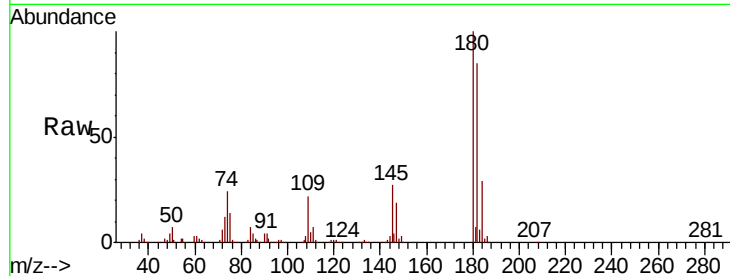




#67
 1,3,5-Trichlorobenzene
 Concen: 28.522 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV02

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	77.4	116.0
184	30.1	24.8	37.2
145	28.2	23.4	35.2



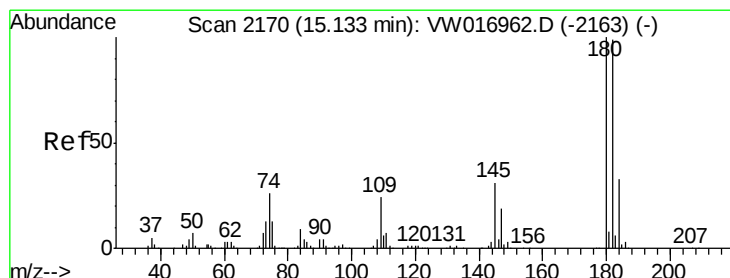
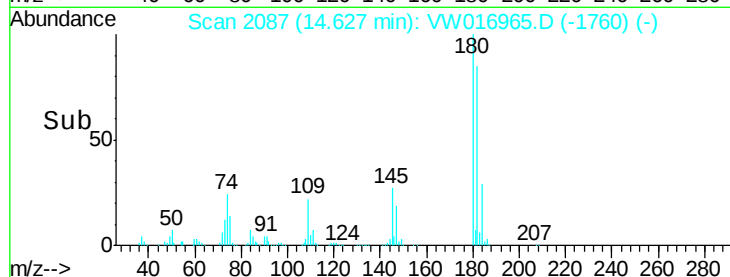
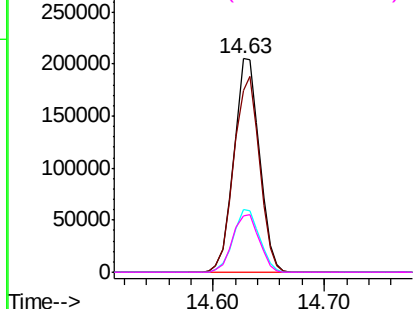
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

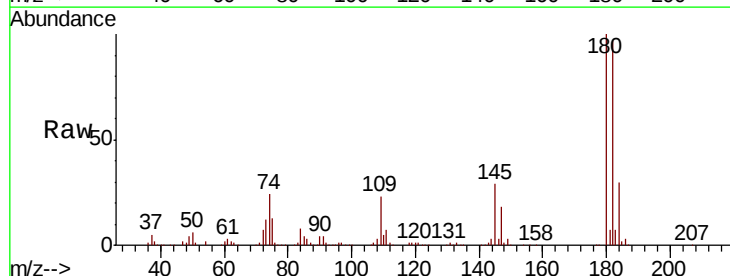
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 29.506 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW016965.D
 Acq: 22 Oct 2020 12:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.6	114.8
145	29.7	23.4	35.0

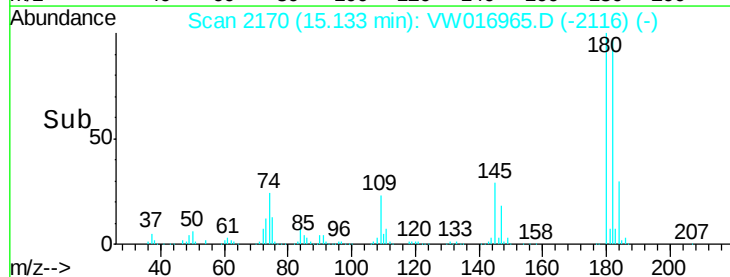
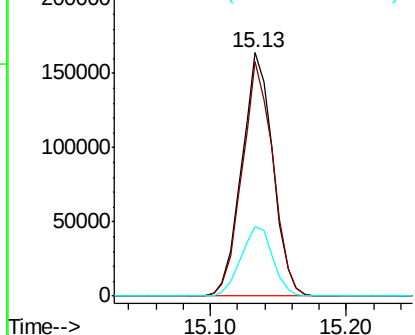


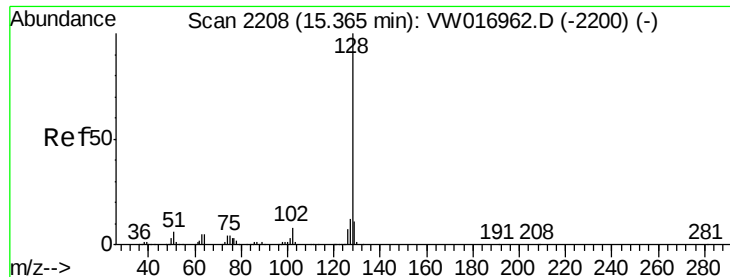
Abundance

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: 32.746 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

Instrument :

MSVOA_W

ClientSampleId :

VICV02

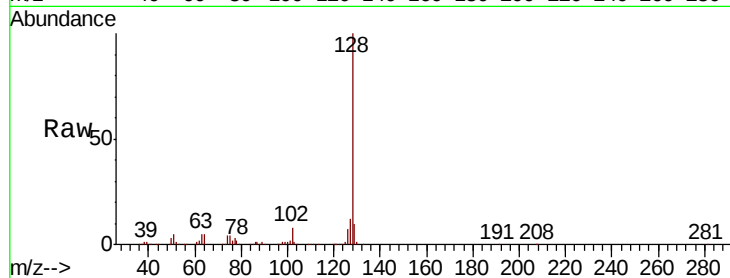
Tot Ion:128 Resp: 470443

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

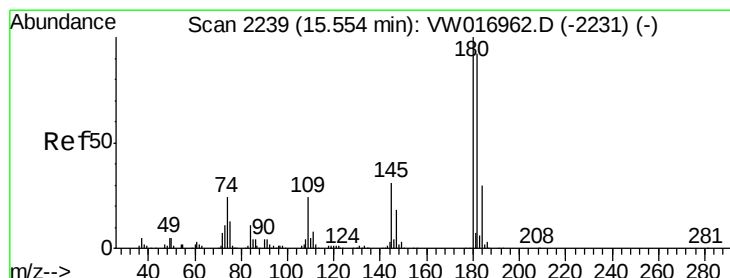
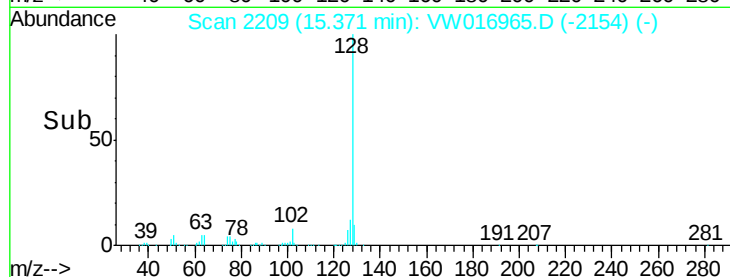
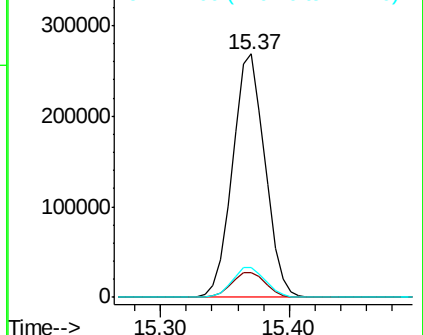
127 12.6 10.0 15.0



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: 28.843 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.01 min

Lab File: VW016965.D

Acq: 22 Oct 2020 12:40

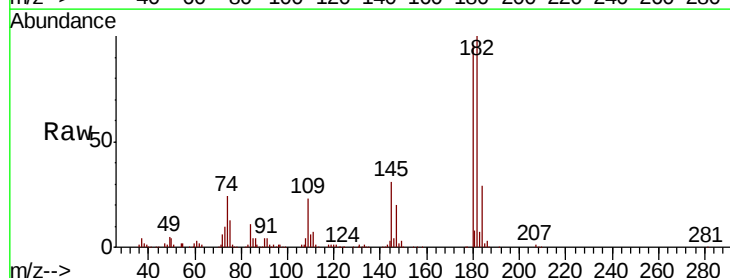
Tgt Ion:180 Resp: 222621

Ion Ratio Lower Upper

180 100

182 101.8 76.8 115.2

145 32.6 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

