

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082420\
 Data File : VW016326.D
 Acq On : 24 Aug 2020 12:57
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV01

Quant Time: Aug 25 15:00:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 25 05:29:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	304326	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	276421	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137148	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	71806	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.40%
7) Chloroethane-d5	2.89	69	56249	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
10) 1,1-Dichloroethene-d2	4.02	63	176071	22.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.24%
20) 2-Butanone-d5	7.07	46	44632	48.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.60%
24) Chloroform-d	7.65	84	191222	24.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	8.31	65	98428	24.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.28%
29) Benzene-d6	8.27	84	373868	24.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.92%
33) 1,2-Dichloropropane-d6	9.27	67	103793	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.20%
37) Toluene-d8	10.32	98	359131	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.68%
38) trans-1,3-Dichloropropene-	10.58	79	52248	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.40%
39) 2-Hexanone-d5	10.93	63	33412	48.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91345	25.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	127522	24.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	74025	22.138 ug/L	100
3) Chloromethane	2.21	50	62728	24.026 ug/L	99
5) Vinyl chloride	2.37	62	87205	24.524 ug/L	97
6) Bromomethane	2.78	94	56670	24.377 ug/L	97
8) Chloroethane	2.93	64	50861	25.652 ug/L	100
9) Trichlorofluoromethane	3.26	101	86079	22.369 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	104517	24.882 ug/L	99
12) 1,1-Dichloroethene	4.04	96	100145	24.788 ug/L	94
13) Acetone	4.12	43	35606	46.428 ug/L	99
14) Carbon disulfide	4.38	76	289041	24.130 ug/L	99
15) Methyl Acetate	4.67	43	39991	25.918 ug/L #	72
16) Methylene chloride	4.91	84	112492	19.996 ug/L	99
17) Methyl tert-butyl Ether	5.42	73	152073	25.743 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	105236	24.797 ug/L	98
19) 1,1-Dichloroethane	6.21	63	175581	25.110 ug/L	98
21) 2-Butanone	7.17	43	53706	49.153 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	112576	25.222 ug/L	95

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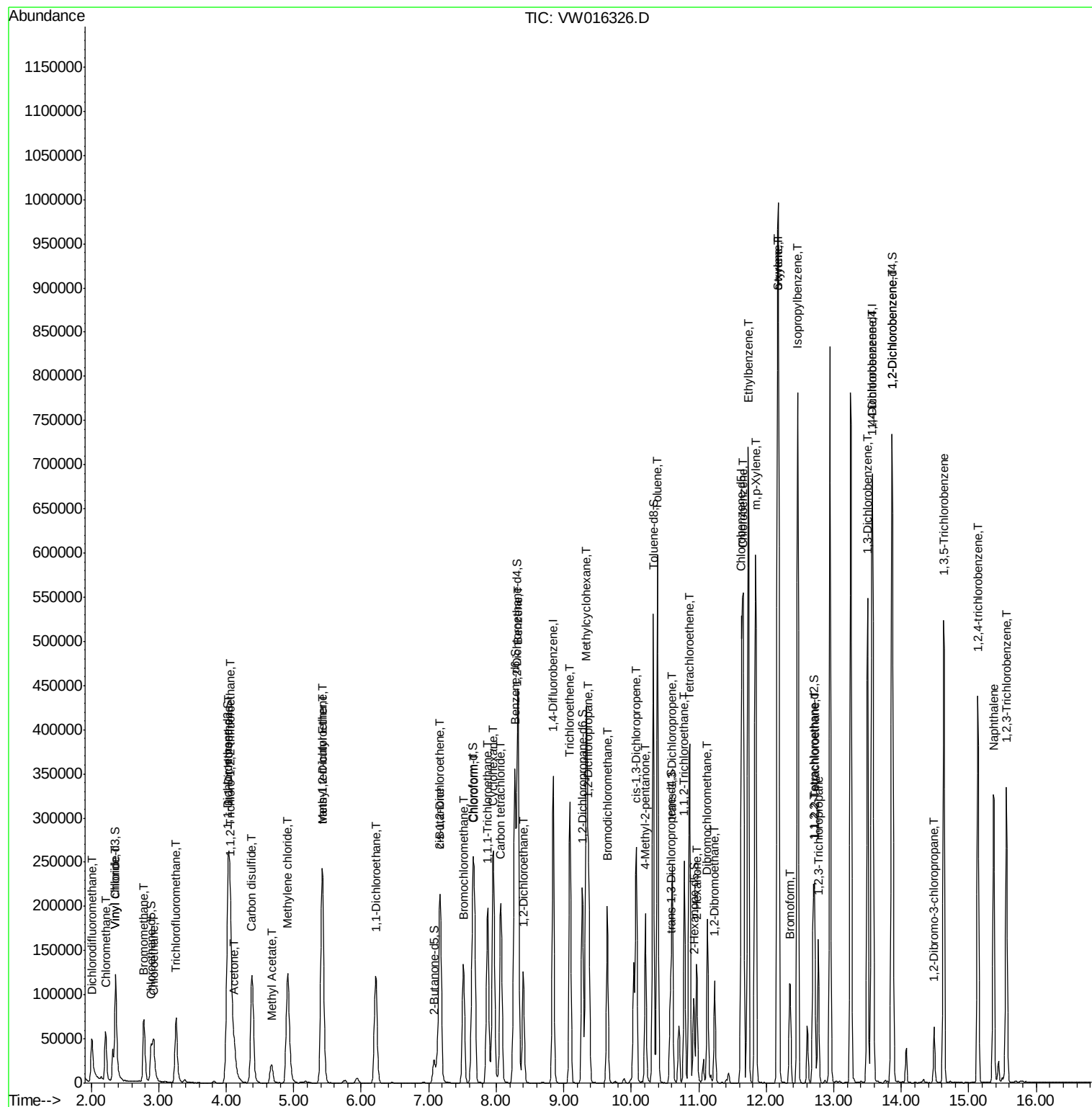
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	51707	25.257	ug/L	94
25) Chloroform	7.68	83	189022	25.101	ug/L	98
27) 1,2-Dichloroethane	8.40	62	119307	25.296	ug/L	100
30) Cyclohexane	7.96	56	153123	25.629	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	168988	25.418	ug/L	99
32) Carbon tetrachloride	8.07	117	159310	25.236	ug/L	97
34) Benzene	8.32	78	406220	25.620	ug/L	100
35) Trichloroethene	9.09	95	112060	24.962	ug/L	99
36) Methylcyclohexane	9.34	83	186778	25.486	ug/L	99
40) 1,2-Dichloropropane	9.37	63	95014	25.481	ug/L	99
41) Bromodichloromethane	9.65	83	135981	25.744	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	161796	26.501	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	116193	52.117	ug/L	99
44) Toluene	10.39	91	451314	26.138	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	143437	26.573	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	80311	26.095	ug/L	98
47) Tetrachloroethene	10.87	164	89822	25.373	ug/L	95
49) 2-Hexanone	10.97	43	80073	55.441	ug/L	98
50) Dibromochloromethane	11.13	129	100640	26.256	ug/L	100
51) 1,2-Dibromoethane	11.24	107	78233	25.970	ug/L #	97
52) Chlorobenzene	11.66	112	293848	25.481	ug/L	99
53) Ethylbenzene	11.73	91	516240	26.007	ug/L	98
54) m,p-Xylene	11.84	106	200381	26.267	ug/L	100
55) o-xylene	12.16	106	188844	26.350	ug/L	99
56) Styrene	12.18	104	325008	26.951	ug/L	95
57) Isopropylbenzene	12.46	105	520562	26.092	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	95926	26.711	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	70644	26.560	ug/L	96
62) Bromoform	12.35	173	56636	25.409	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	231355	25.031	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	227880	24.337	ug/L	94
65) 1,2-Dichlorobenzene	13.87	146	210952	25.560	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	17023	26.238	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	162247	25.437	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	137656	27.190	ug/L	97
69) Naphthalene	15.36	128	286689	28.827	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	121312	27.245	ug/L	96

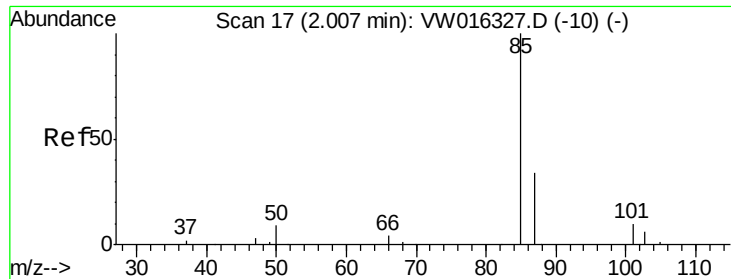
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 22.138 ug/L

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

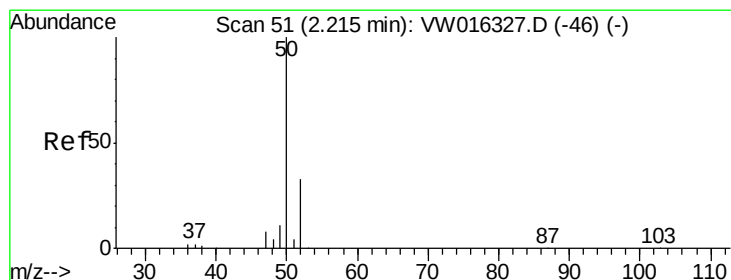
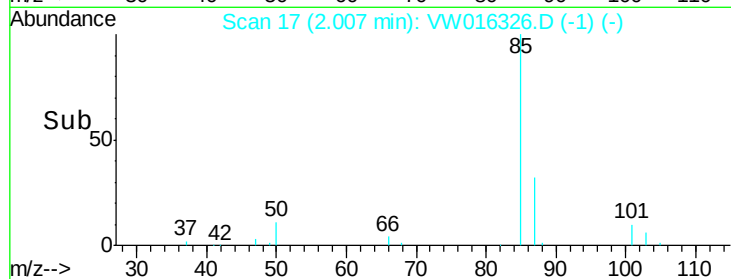
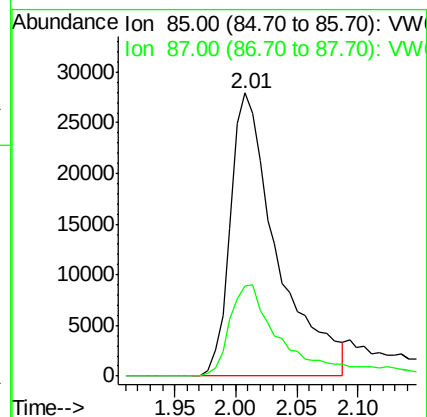
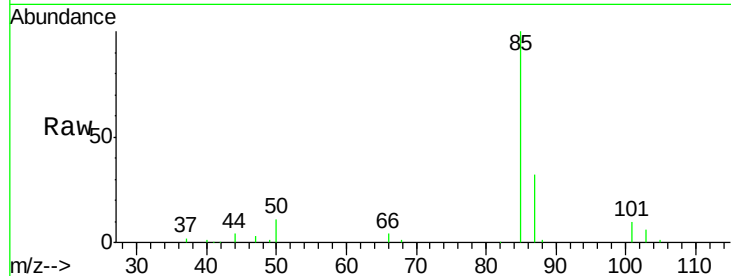
VICV01

Tgt Ion: 85 Resp: 74025

Ion Ratio Lower Upper

85 100

87 30.7 21.6 40.0



#3

Chloromethane

Concen: 24.026 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016326.D

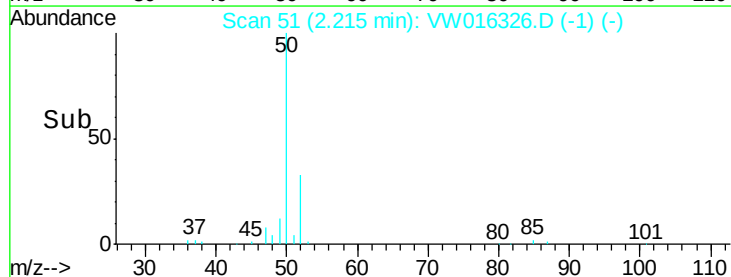
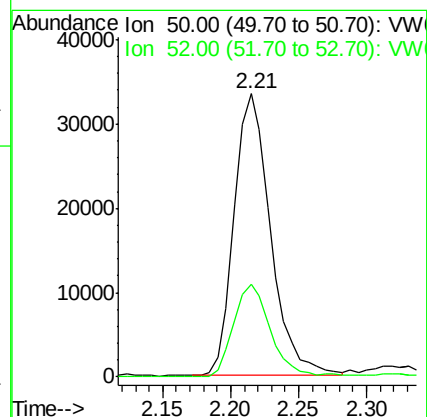
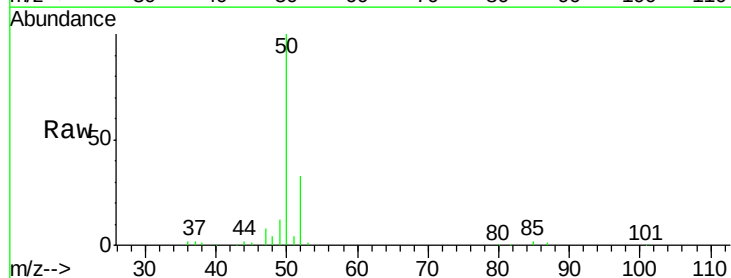
Acq: 24 Aug 2020 12:57

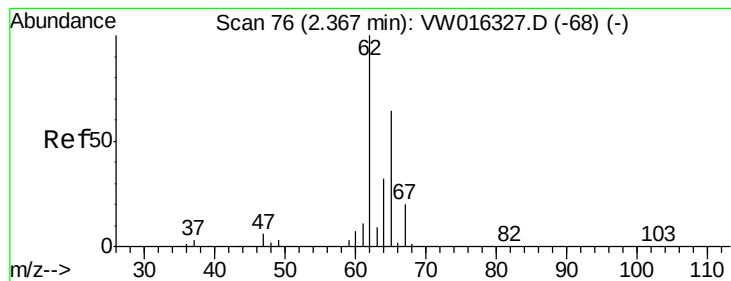
Tgt Ion: 50 Resp: 62728

Ion Ratio Lower Upper

50 100

52 32.6 23.3 43.3





#5

Vinyl chloride

Concen: 24.524 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

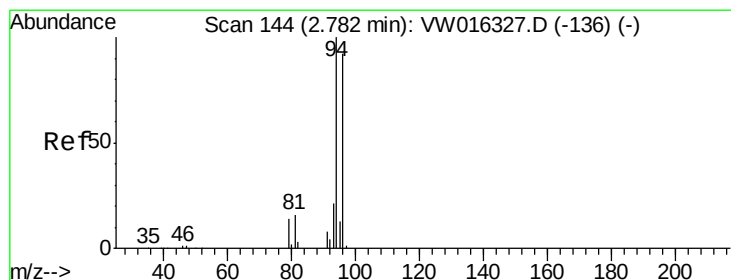
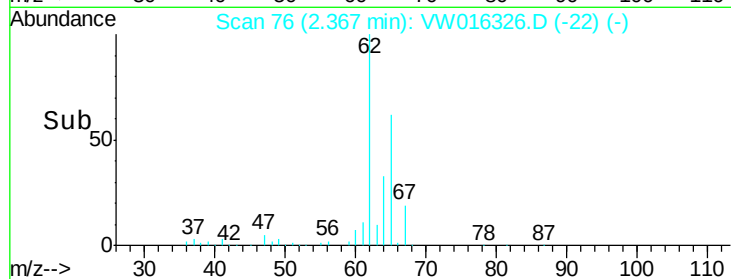
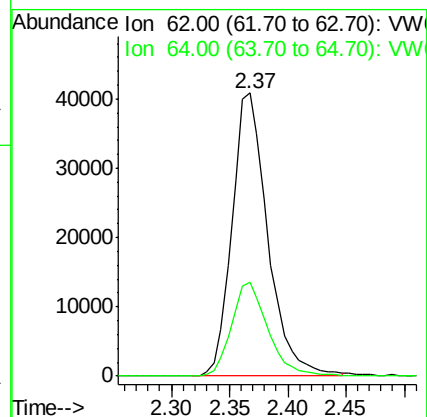
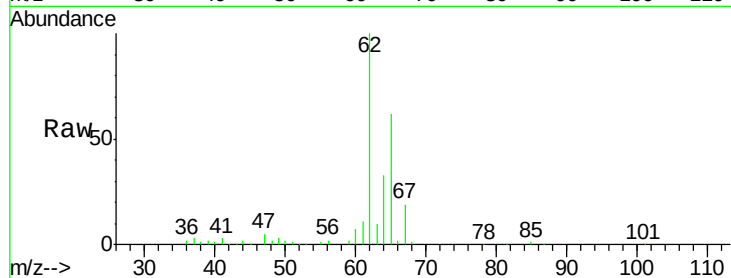
VICV01

Tgt Ion: 62 Resp: 87205

Ion Ratio Lower Upper

62 100

64 33.4 22.0 41.0



#6

Bromomethane

Concen: 24.377 ug/L

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW016326.D

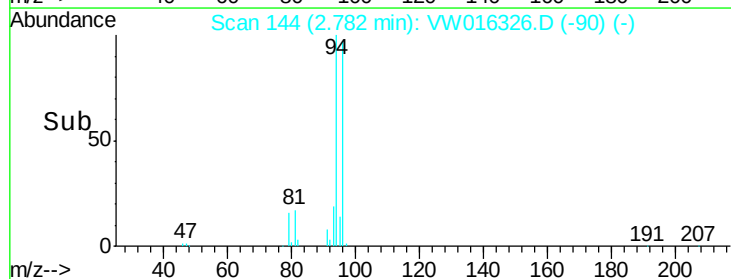
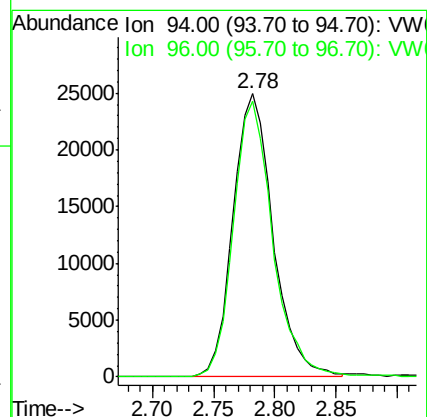
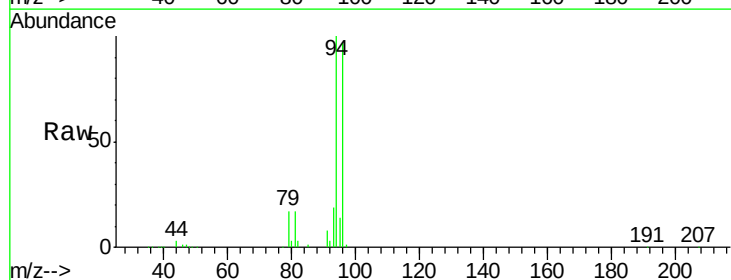
Acq: 24 Aug 2020 12:57

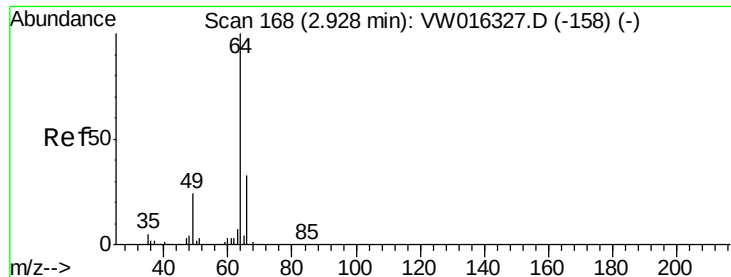
Tgt Ion: 94 Resp: 56670

Ion Ratio Lower Upper

94 100

96 95.9 9.3 176.7





#8

Chloroethane

Concen: 25.652 ug/L

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

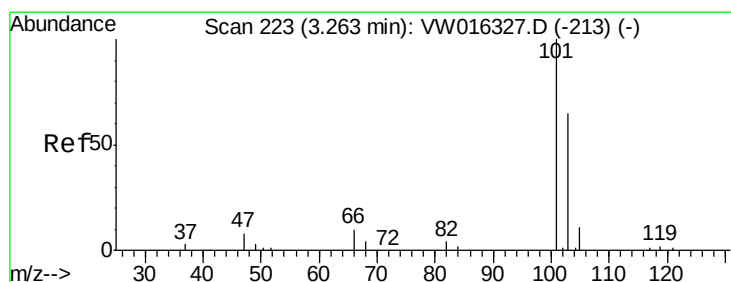
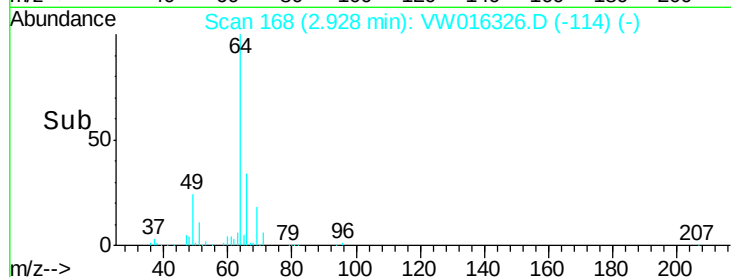
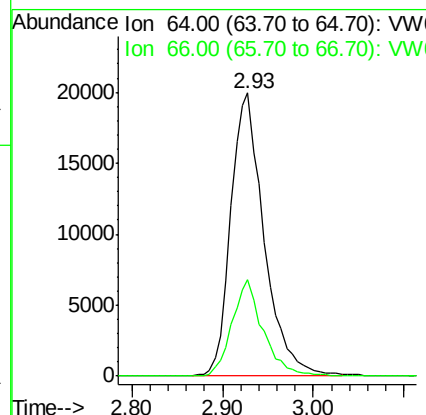
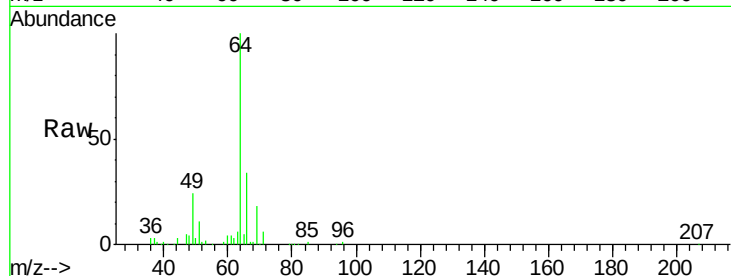
VICV01

Tgt Ion: 64 Resp: 50861

Ion Ratio Lower Upper

64 100

66 34.3 24.1 44.8



#9

Trichlorofluoromethane

Concen: 22.369 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

Lab File: VW016326.D

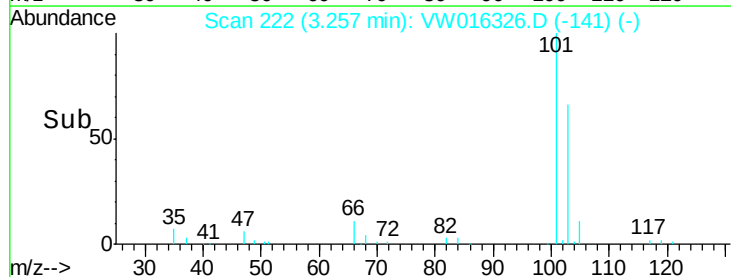
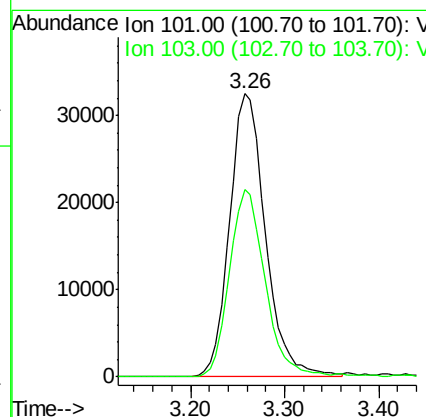
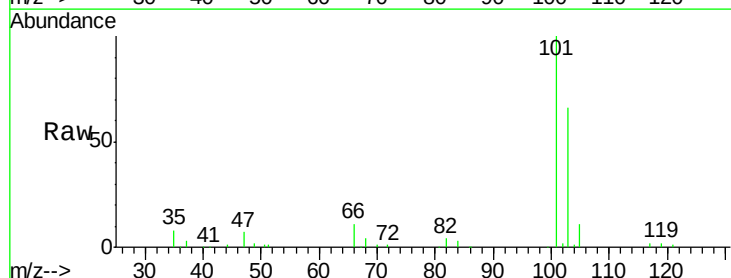
Acq: 24 Aug 2020 12:57

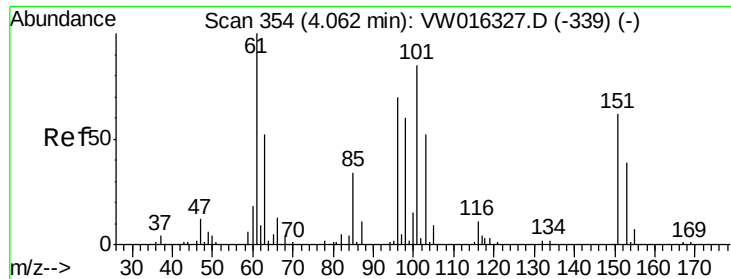
Tgt Ion: 101 Resp: 86079

Ion Ratio Lower Upper

101 100

103 65.6 44.8 83.2





#11

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

Concen: 24.882 ug/L

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

VICV01

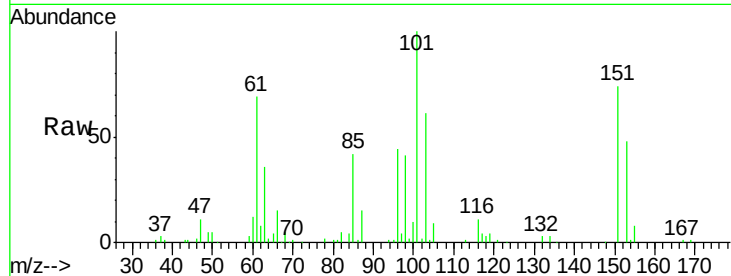
Tgt Ion:101 Resp: 104517

Ion Ratio Lower Upper

101 100

85 39.3 31.8 47.6

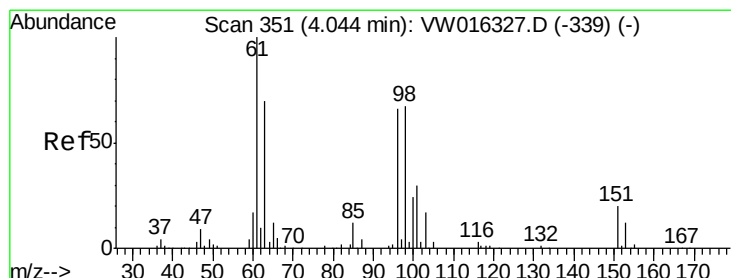
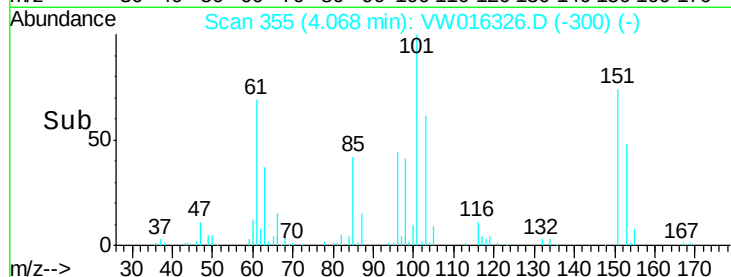
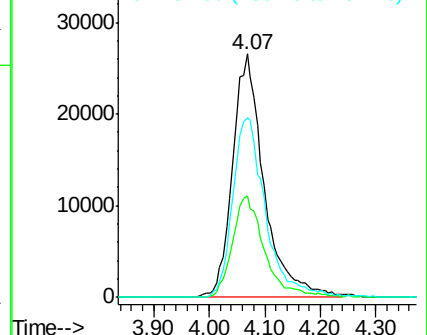
151 75.6 60.9 91.3



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: 24.788 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

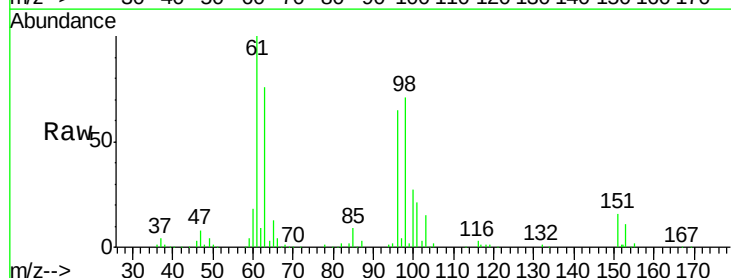
Tgt Ion: 96 Resp: 100145

Ion Ratio Lower Upper

96 100

61 153.9 112.3 208.5

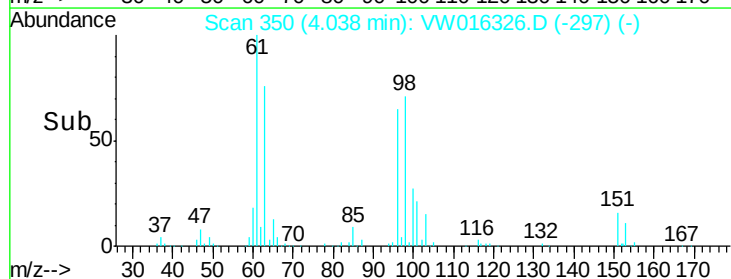
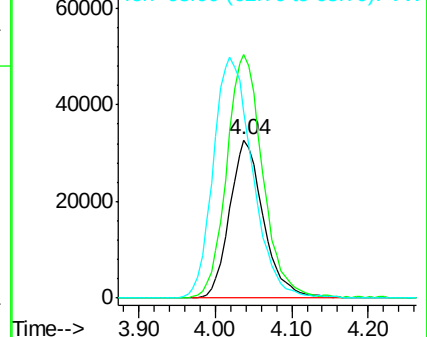
63 117.3 77.3 143.7

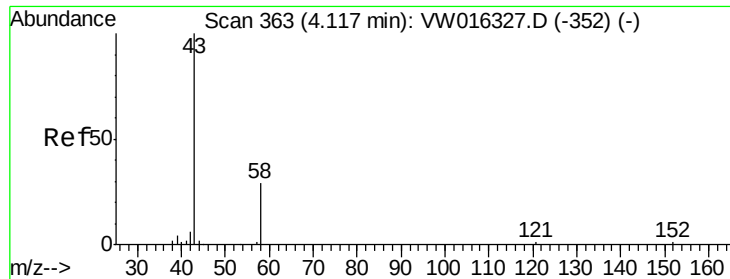


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 46.428 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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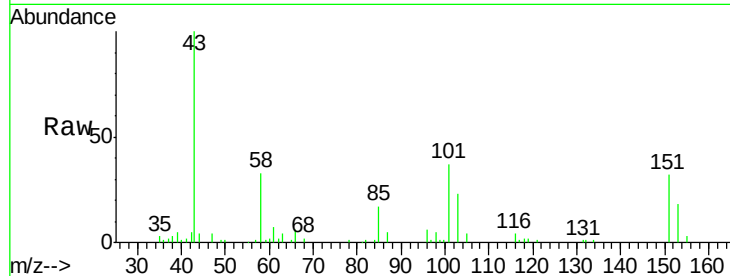
VICV01

Tgt Ion: 43 Resp: 35606

Ion Ratio Lower Upper

43 100

58 32.6 0.0 63.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

15000

10000

5000

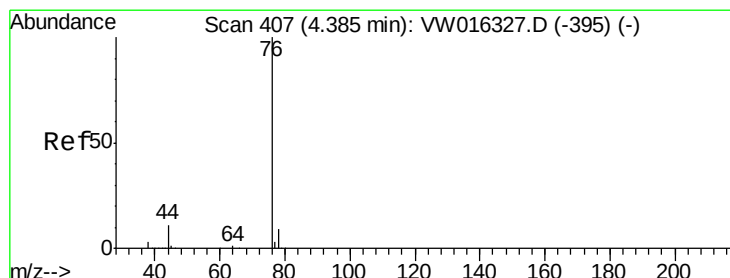
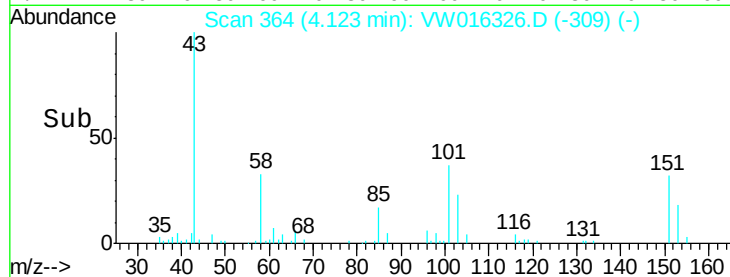
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Time-->

4.00

4.10

4.20



#14

Carbon disulfide

Concen: 24.130 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW016326.D

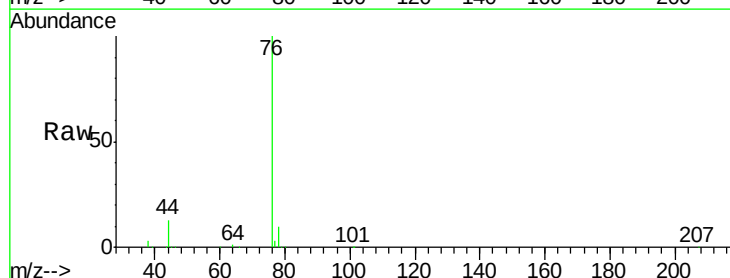
Acq: 24 Aug 2020 12:57

Tgt Ion: 76 Resp: 289041

Ion Ratio Lower Upper

76 100

78 10.0 7.7 11.5



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

4.38

100000

80000

60000

40000

20000

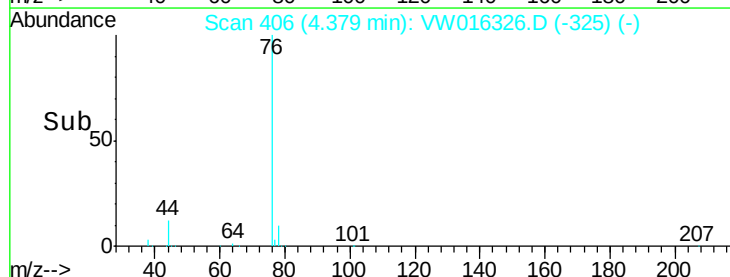
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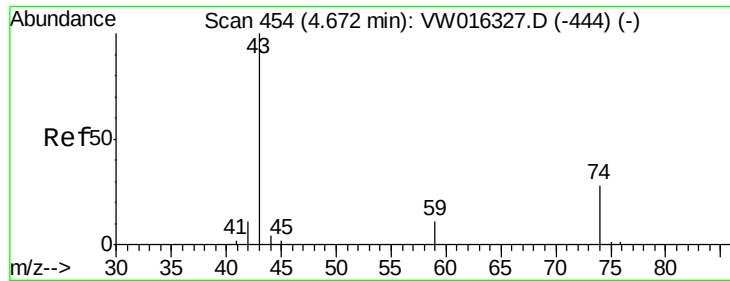
Time-->

4.30

4.40

4.50

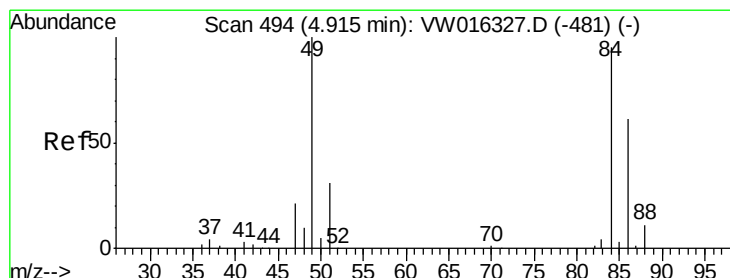
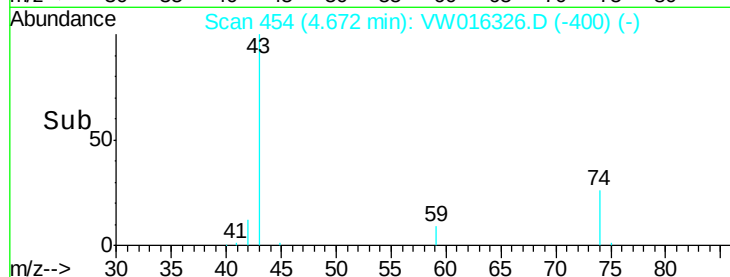
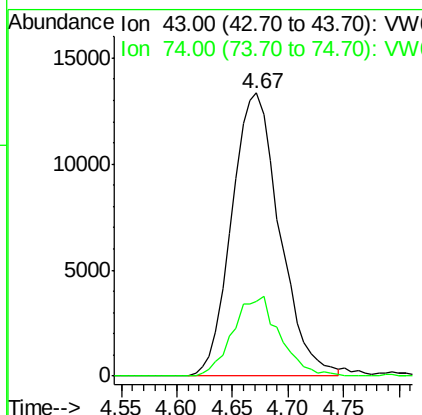
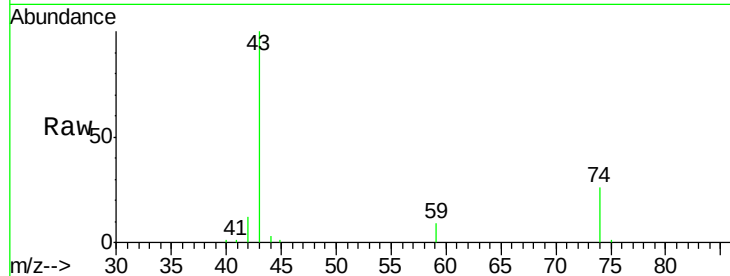




#15
Methyl Acetate
Concen: 25.918 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

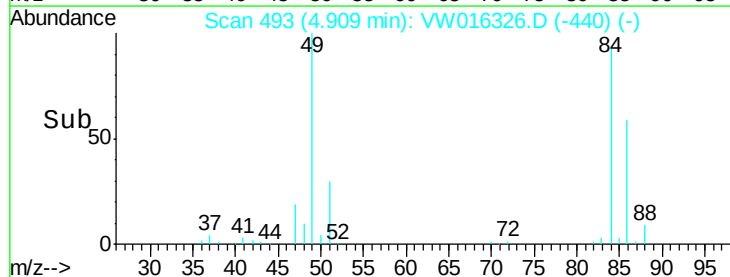
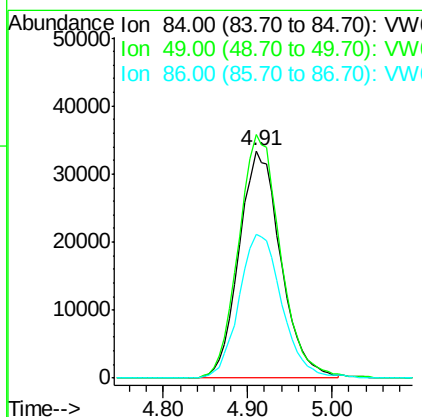
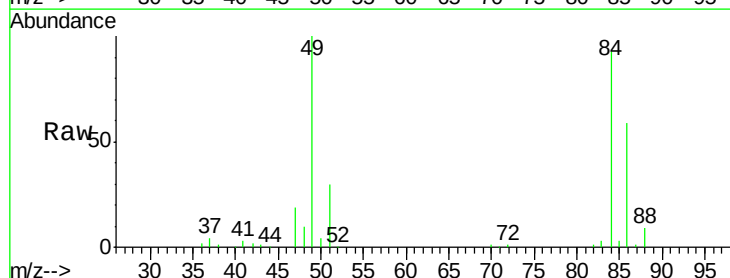
Instrument :
MSVOA_W
ClientSampled :
VICV01

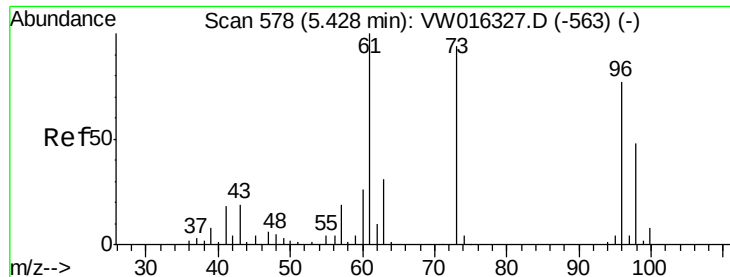
Tgt Ion: 43 Resp: 39991
Ion Ratio Lower Upper
43 100
74 12.0 21.0 31.6#



#16
Methylene chloride
Concen: 19.996 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

Tgt Ion: 84 Resp: 112492
Ion Ratio Lower Upper
84 100
49 107.0 75.3 139.9
86 63.2 43.3 80.3

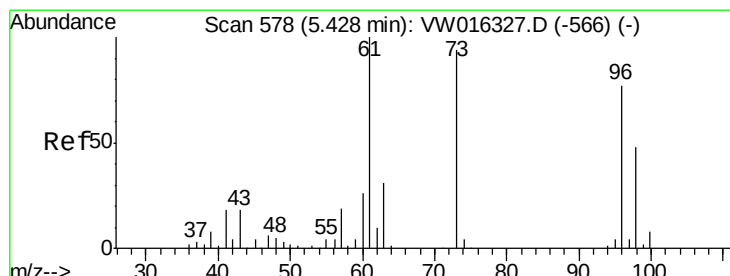
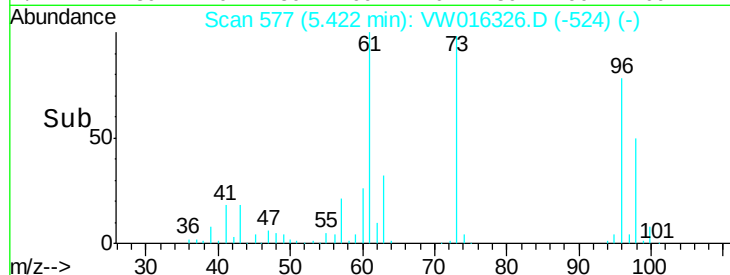
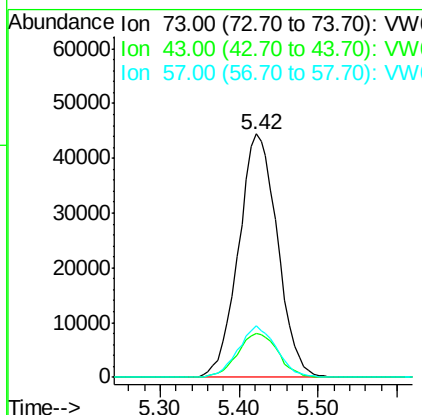
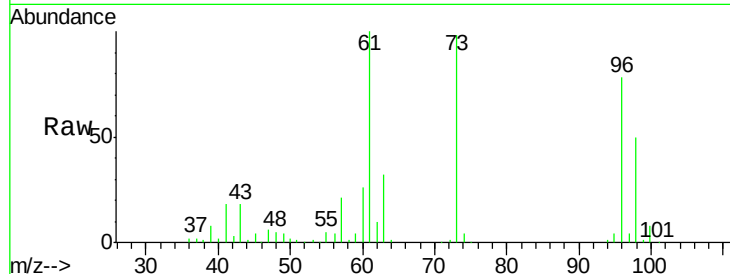




#17
Methyl tert-butyl Ether
Concen: 25.743 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

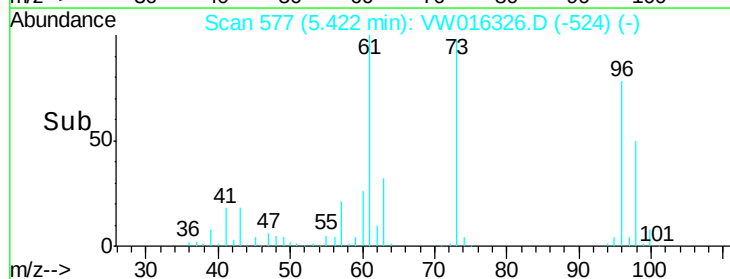
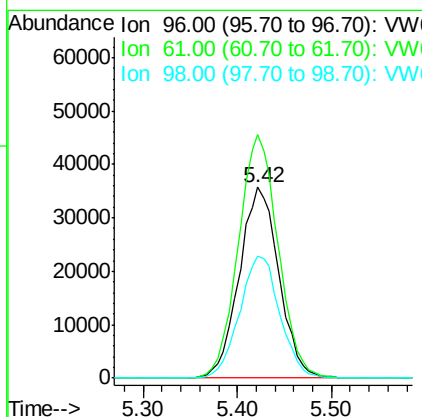
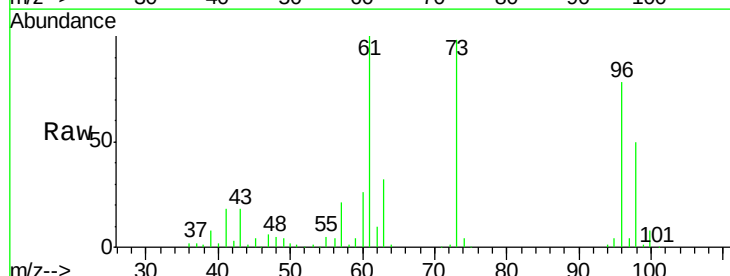
Instrument :
MSVOA_W
ClientSampleId :
VICV01

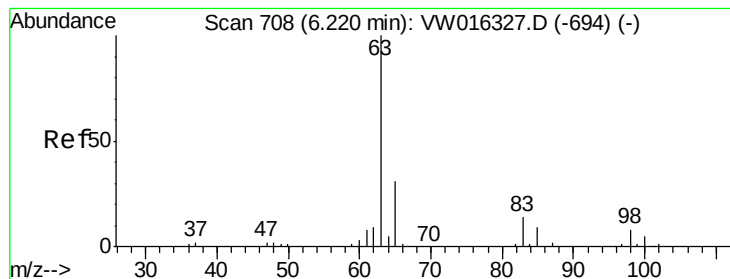
Tgt Ion: 73 Resp: 152073
Ion Ratio Lower Upper
73 100
43 18.8 15.3 22.9
57 20.8 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 24.797 ug/L
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

Tgt Ion: 96 Resp: 105236
Ion Ratio Lower Upper
96 100
61 127.6 89.9 167.0
98 64.1 41.6 77.2





#19

1,1-Dichloroethane

Concen: 25.110 ug/L

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VICV01

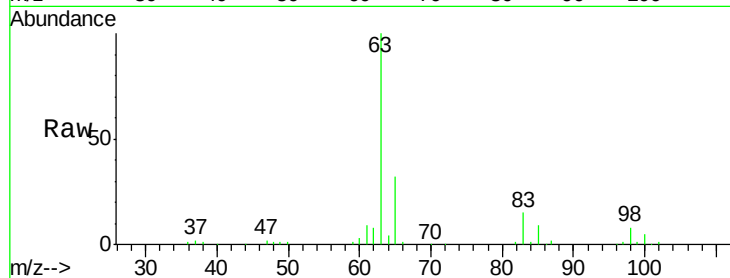
Tgt Ion: 63 Resp: 175581

Ion Ratio Lower Upper

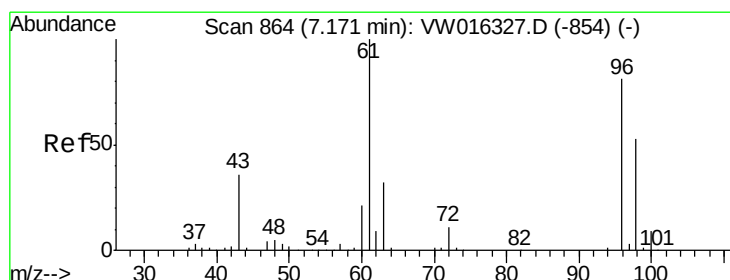
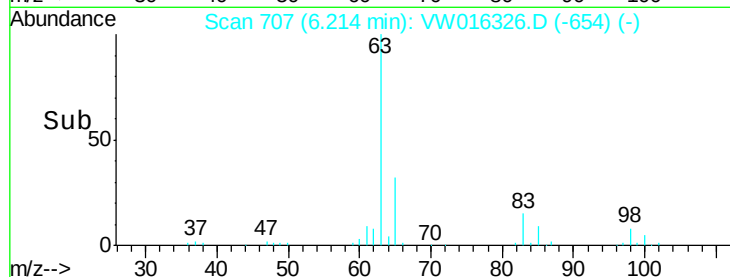
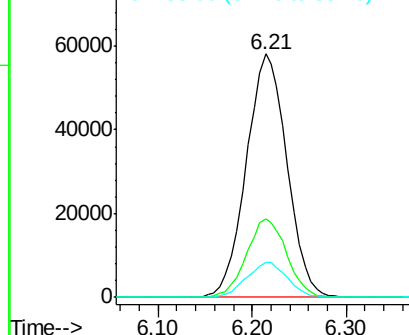
63 100

65 32.3 21.8 40.6

83 14.6 9.6 17.8



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: 49.153 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016326.D

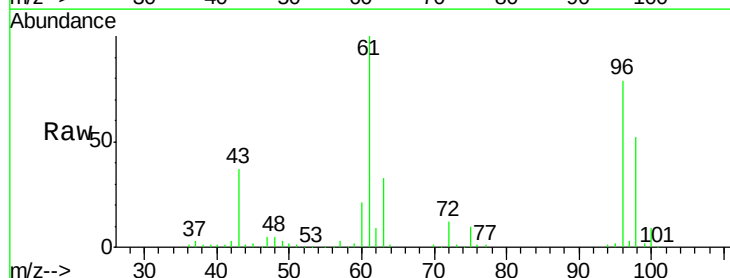
Acq: 24 Aug 2020 12:57

Tgt Ion: 43 Resp: 53706

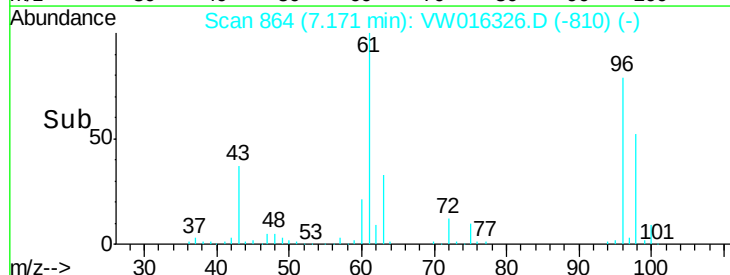
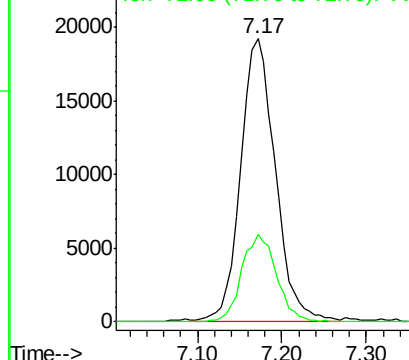
Ion Ratio Lower Upper

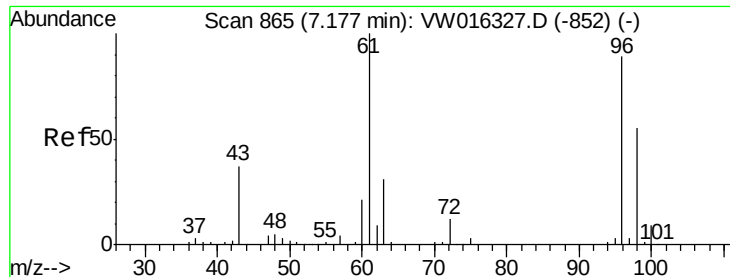
43 100

72 30.8 16.0 48.0



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



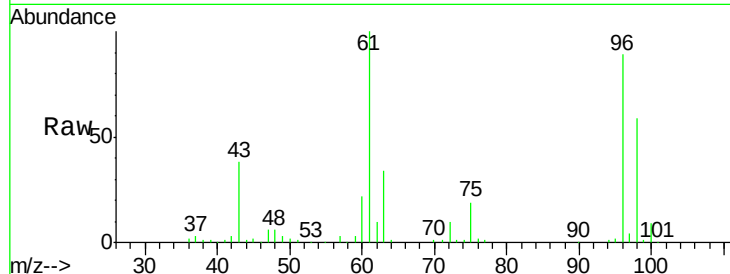


#22

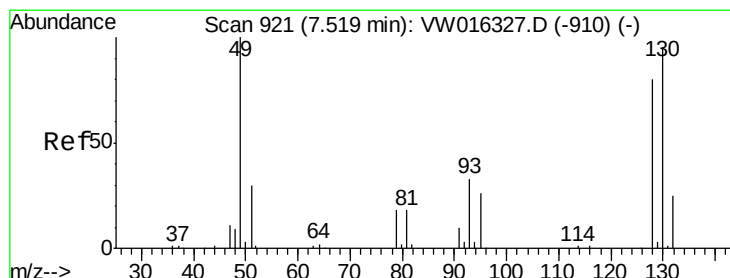
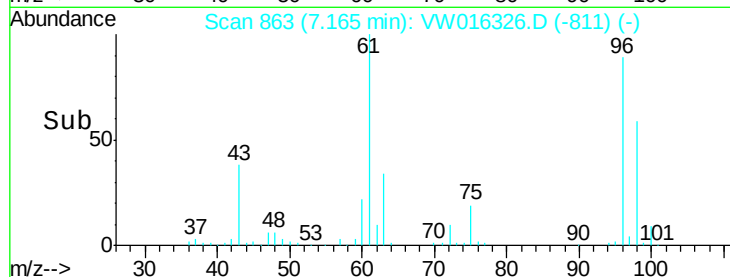
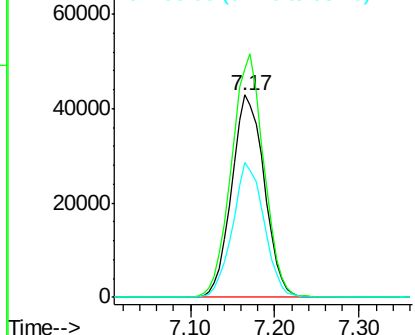
cis-1,2-Dichloroethene
Concen: 25.222 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampleId :
VICV01

Tgt Ion: 96 Resp: 112576
Ion Ratio Lower Upper
96 100
61 112.7 84.9 157.7
98 67.0 46.8 86.8



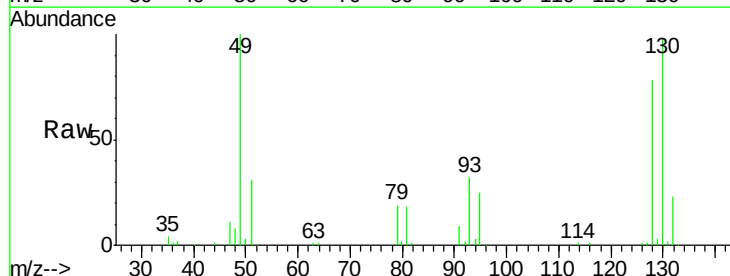
Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW



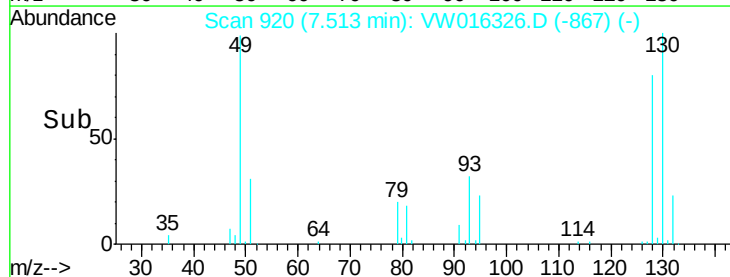
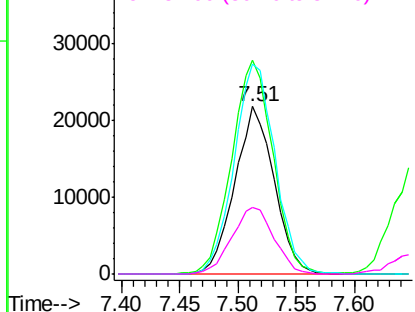
#23

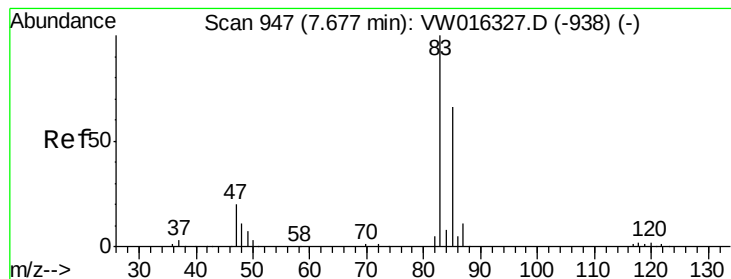
Bromochloromethane
Concen: 25.257 ug/L
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

Tgt Ion: 128 Resp: 51707
Ion Ratio Lower Upper
128 100
49 127.4 94.5 175.5
130 124.9 83.0 154.1
51 39.6 33.4 50.0



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: 25.101 ug/L

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

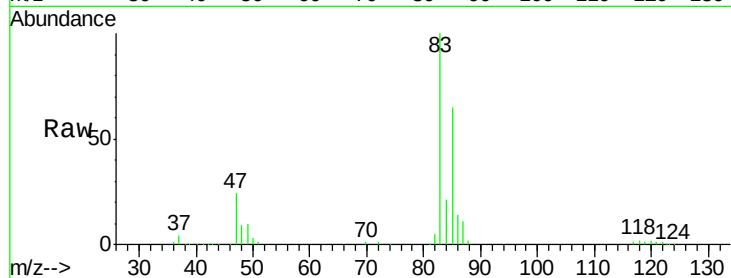
VICV01

Tgt Ion: 83 Resp: 189022

Ion Ratio Lower Upper

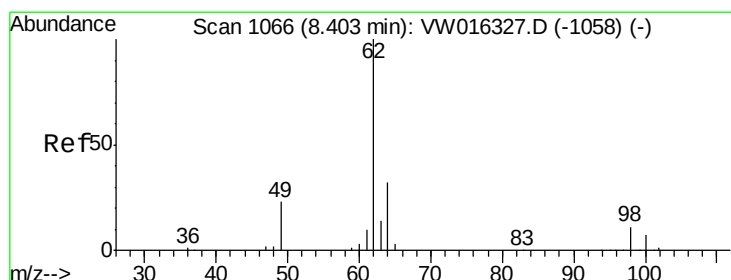
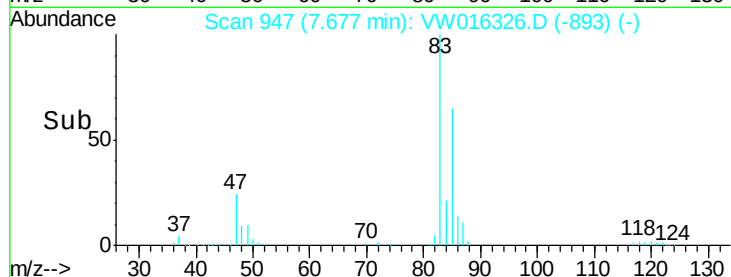
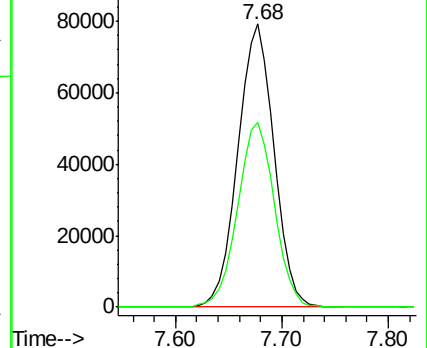
83 100

85 66.6 45.3 84.1



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#27

1,2-Dichloroethane

Concen: 25.296 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016326.D

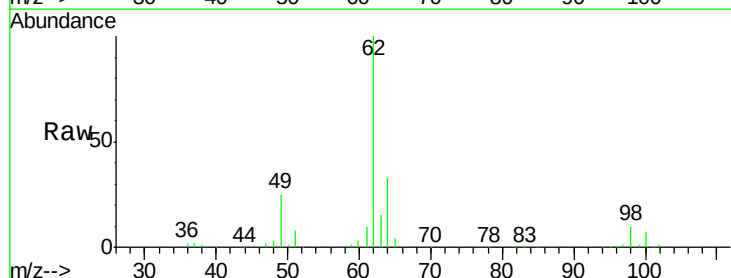
Acq: 24 Aug 2020 12:57

Tgt Ion: 62 Resp: 119307

Ion Ratio Lower Upper

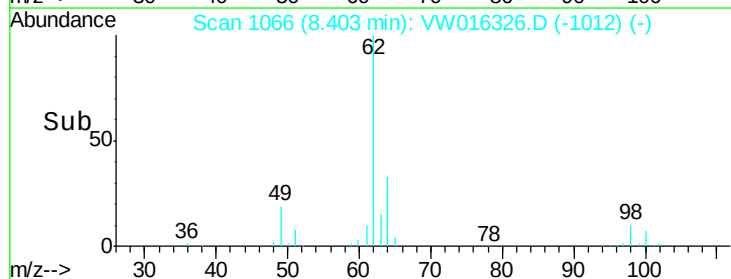
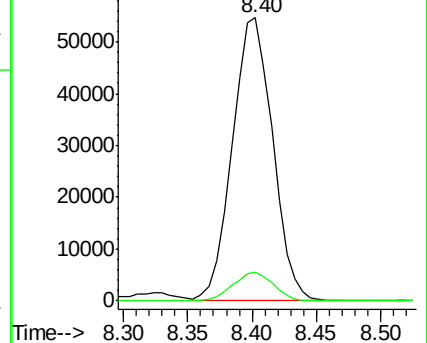
62 100

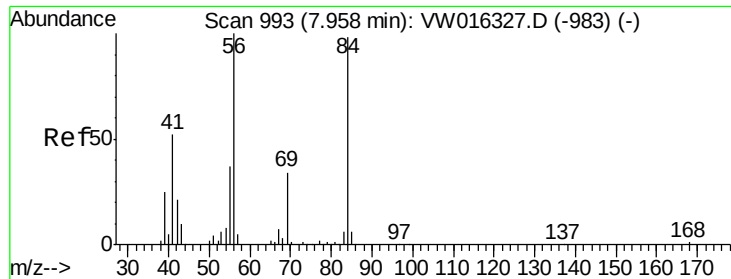
98 9.9 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

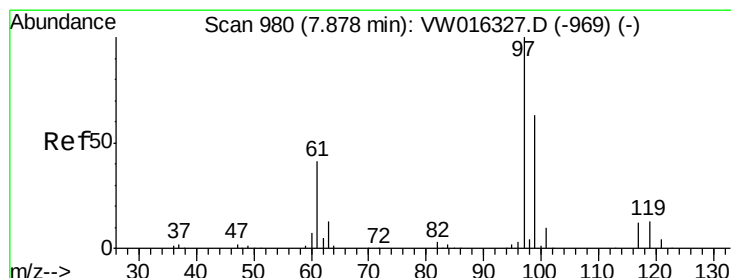
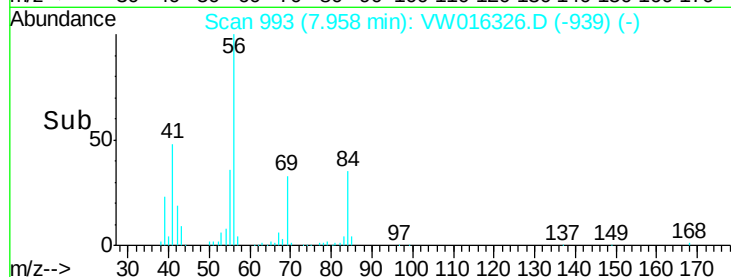
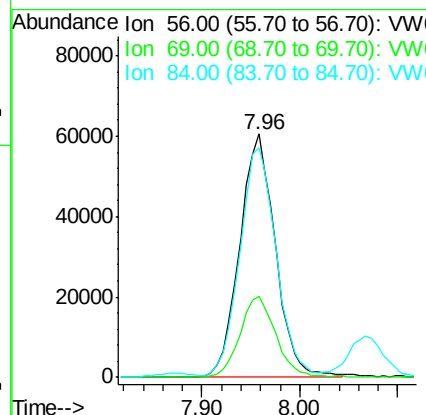
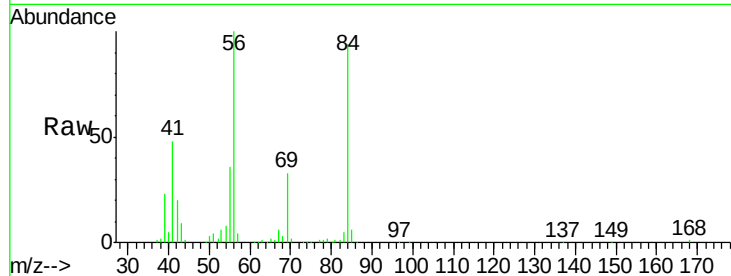




#30
Cyclohexane
Concen: 25.629 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

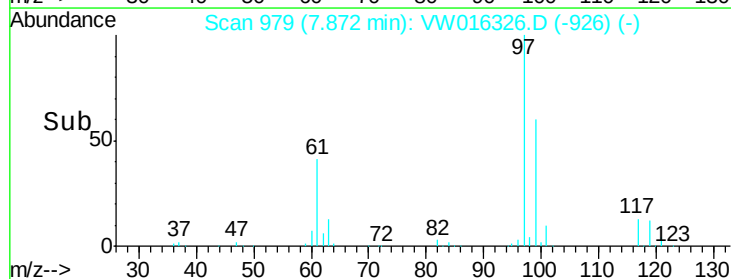
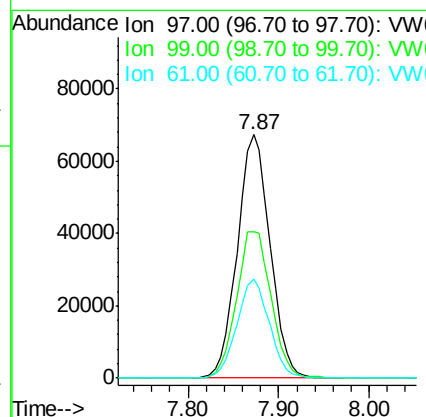
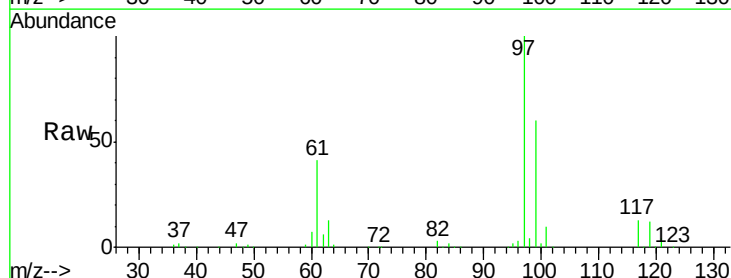
Instrument :
MSVOA_W
ClientSampleId :
VICV01

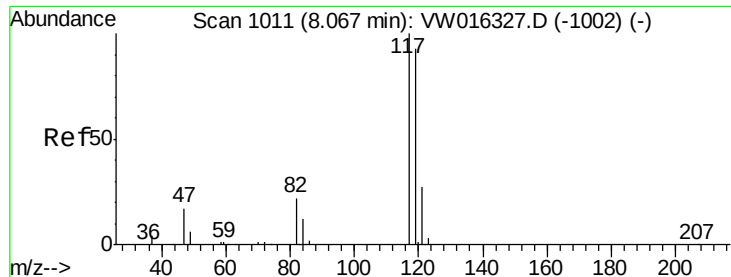
Tgt Ion: 56 Resp: 153123
Ion Ratio Lower Upper
56 100
69 33.2 26.6 40.0
84 96.5 78.4 117.6



#31
1,1,1-Trichloroethane
Concen: 25.418 ug/L
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

Tgt Ion: 97 Resp: 168988
Ion Ratio Lower Upper
97 100
99 63.6 51.5 77.3
61 40.2 32.0 48.0





#32

Carbon tetrachloride

Concen: 25.236 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

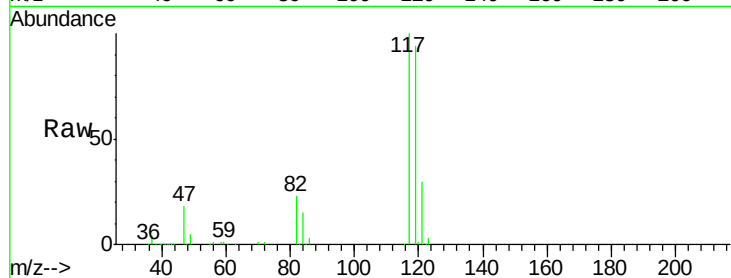
VICV01

Tgt Ion:117 Resp: 159310

Ion Ratio Lower Upper

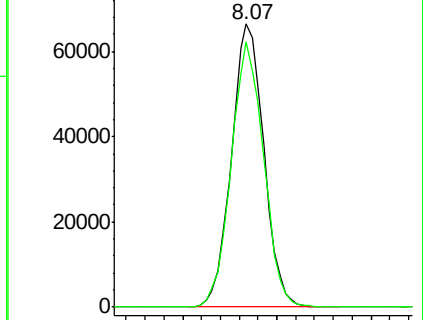
117 100

119 93.7 77.3 115.9

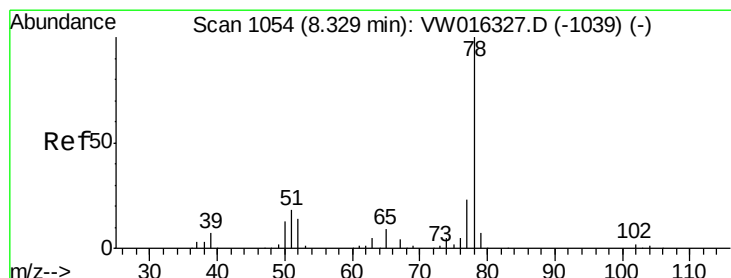
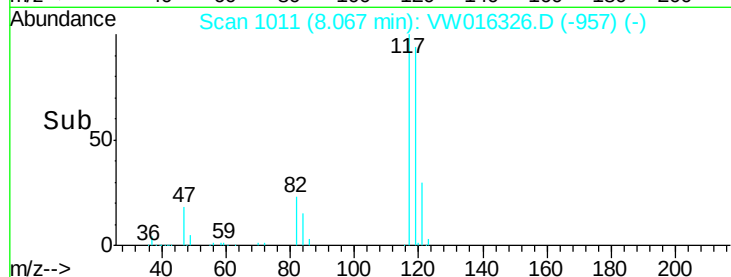


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



Time-->



#34

Benzene

Concen: 25.620 ug/L

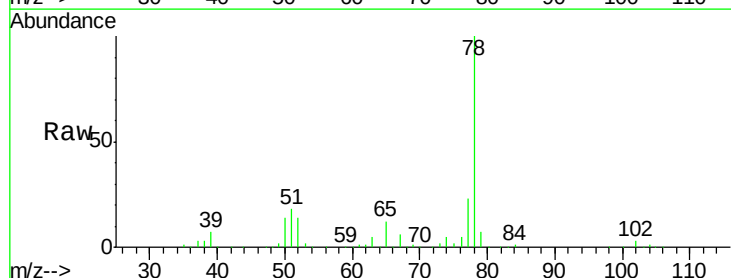
RT: 8.32 min Scan# 1053

Delta R.T. -0.01 min

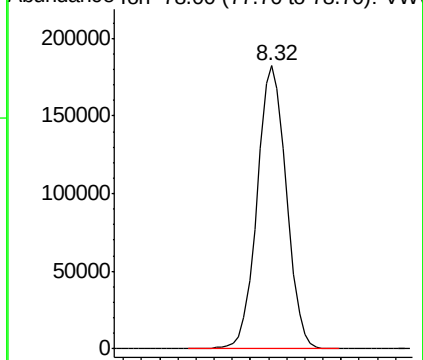
Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

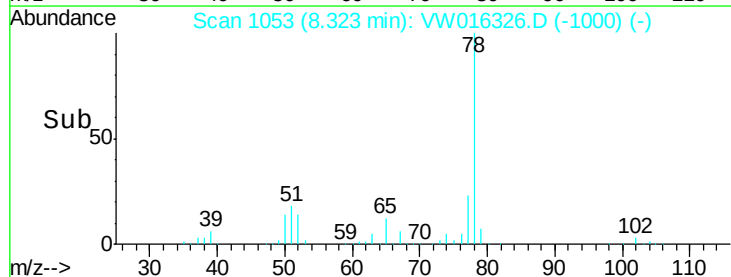
Tgt Ion: 78 Resp: 406220

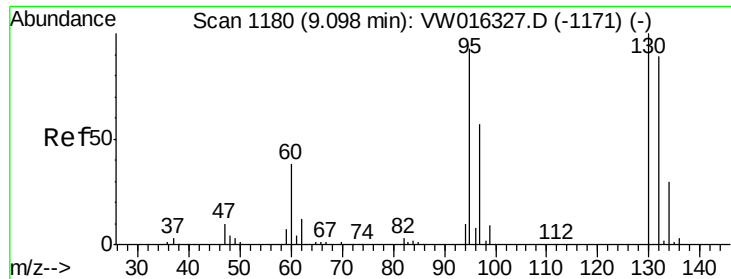


Abundance Ion 78.00 (77.70 to 78.70): VW



Time-->





#35

Trichloroethene

Concen: 24.962 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VICV01

Tgt Ion: 95 Resp: 112060

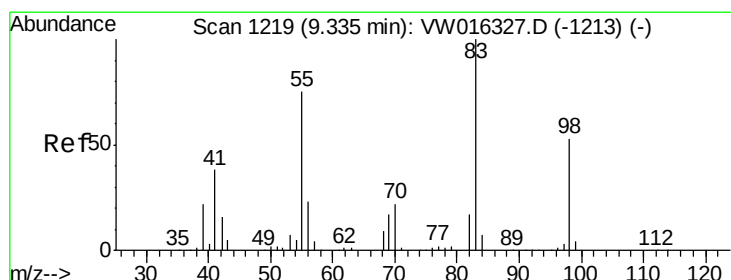
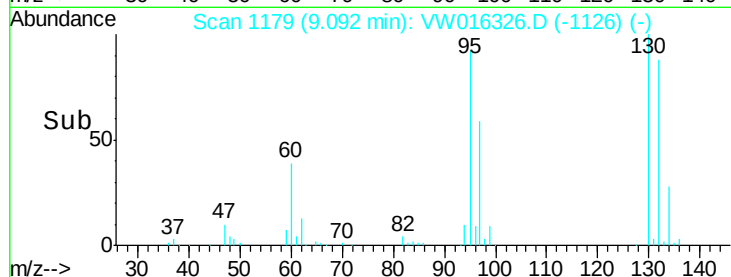
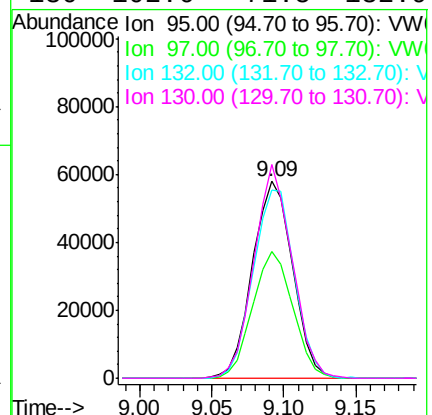
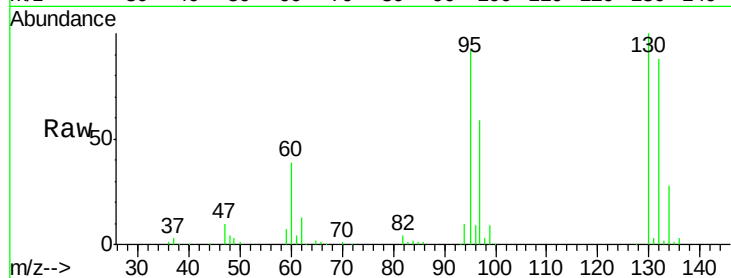
Ion Ratio Lower Upper

95 100

97 64.6 44.9 83.5

132 98.4 68.2 126.6

130 102.6 71.5 132.9



#36

Methylcyclohexane

Concen: 25.486 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

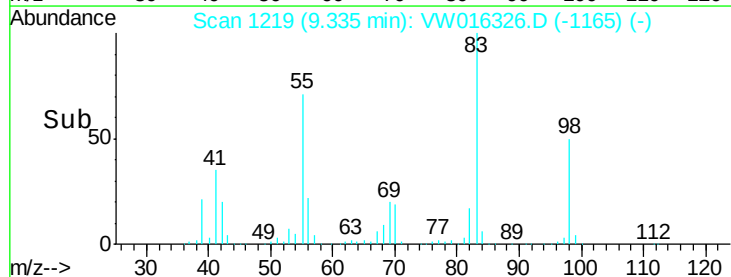
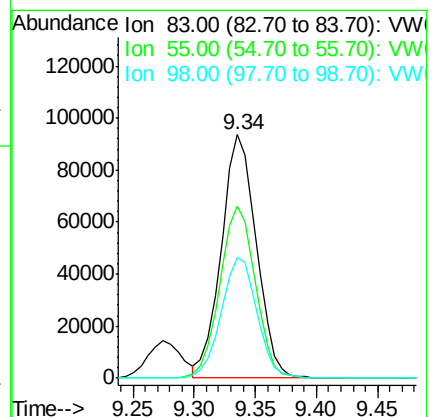
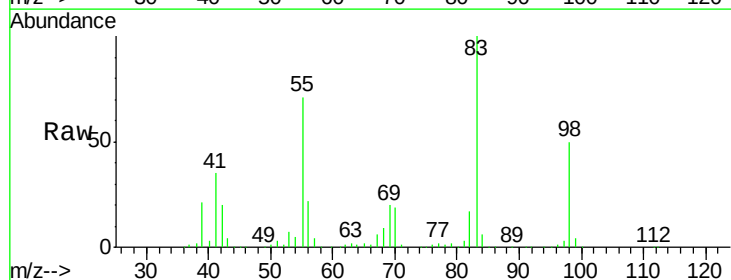
Tgt Ion: 83 Resp: 186778

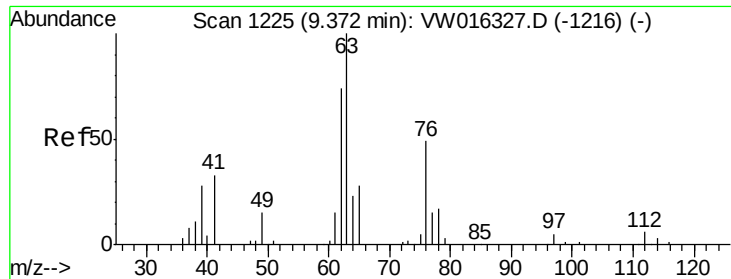
Ion Ratio Lower Upper

83 100

55 71.2 55.6 83.4

98 50.4 40.6 61.0

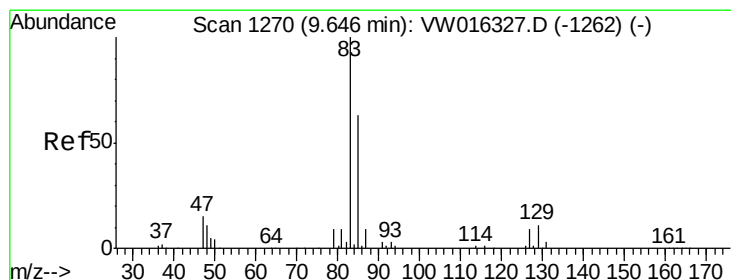
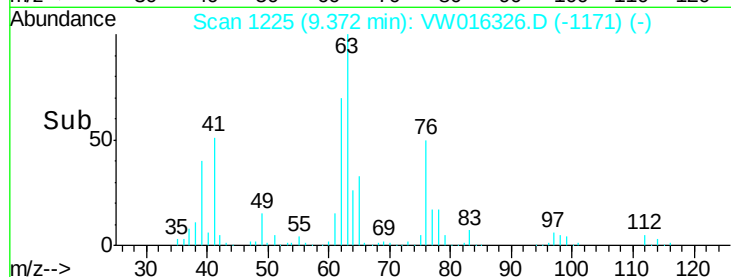
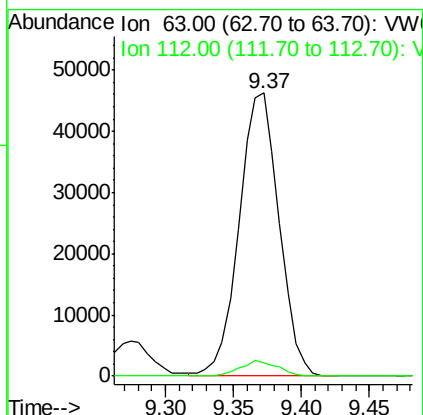
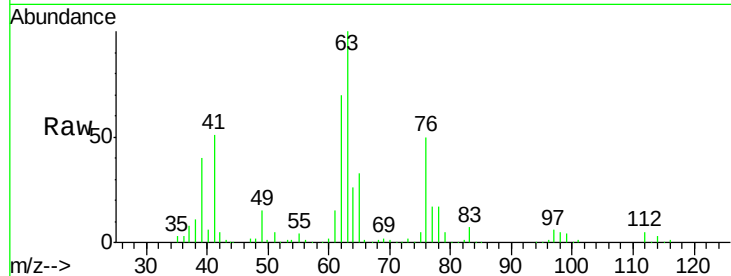




#40
 1,2-Dichloropropane
 Concen: 25.481 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016326.D
 Acq: 24 Aug 2020 12:57

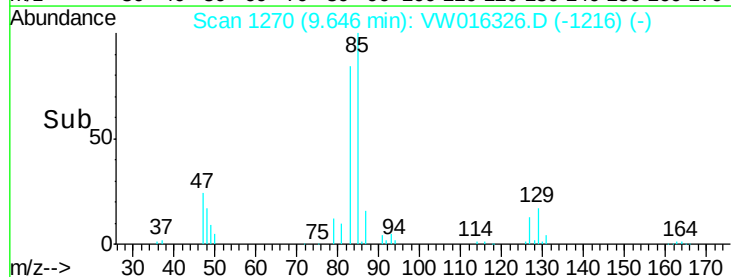
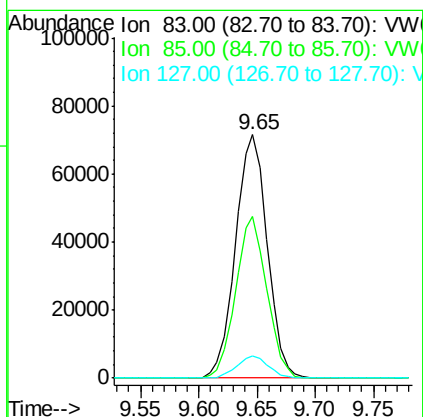
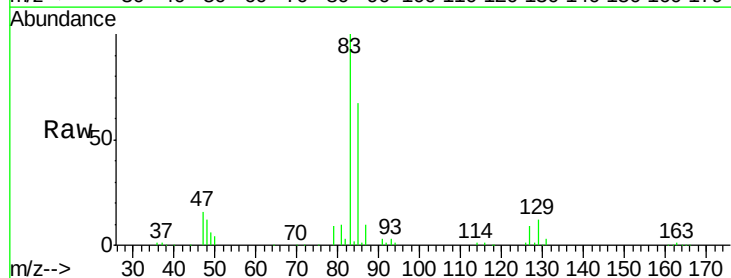
Instrument :
 MSVOA_W
 ClientSampled :
 VICV01

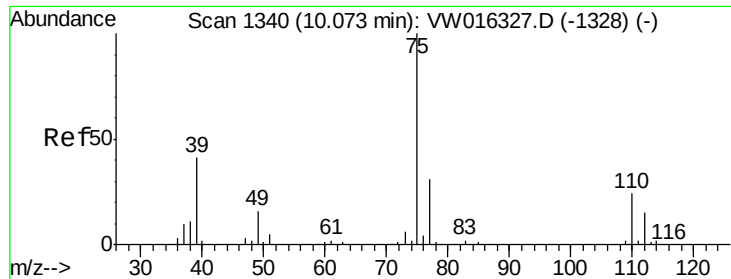
Tgt Ion: 63 Resp: 95014
 Ion Ratio Lower Upper
 63 100
 112 5.2 4.4 6.6



#41
 Bromodichloromethane
 Concen: 25.744 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW016326.D
 Acq: 24 Aug 2020 12:57

Tgt Ion: 83 Resp: 135981
 Ion Ratio Lower Upper
 83 100
 85 66.7 44.7 83.1
 127 8.9 7.0 10.4

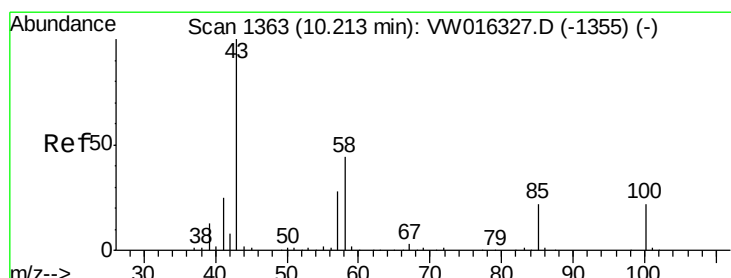
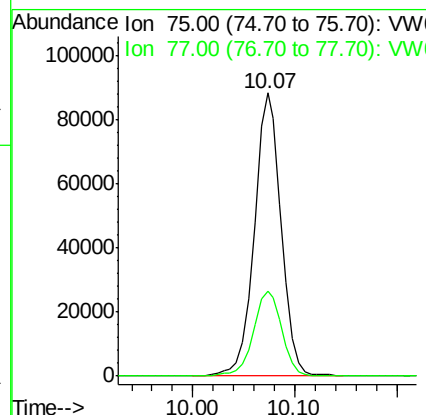
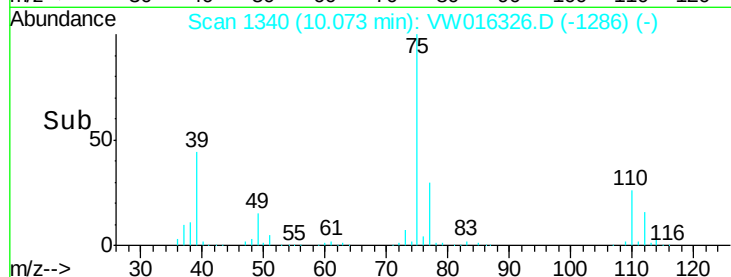
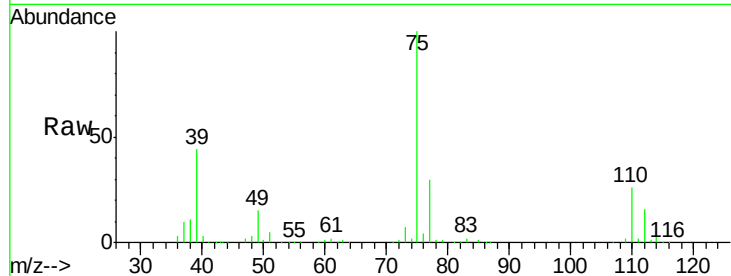




#42
 cis-1,3-Dichloropropene
 Concen: 26.501 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW016326.D
 Acq: 24 Aug 2020 12:57

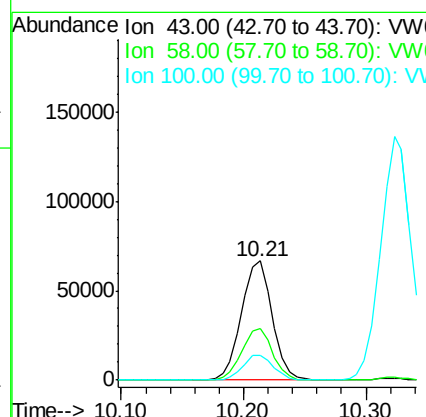
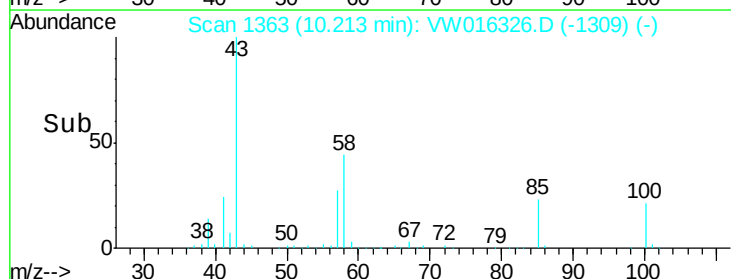
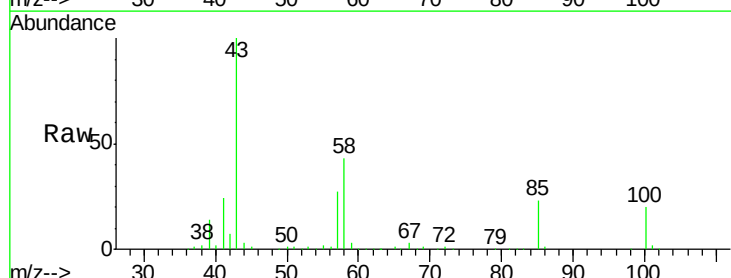
Instrument :
 MSVOA_W
 ClientSampled :
 VICV01

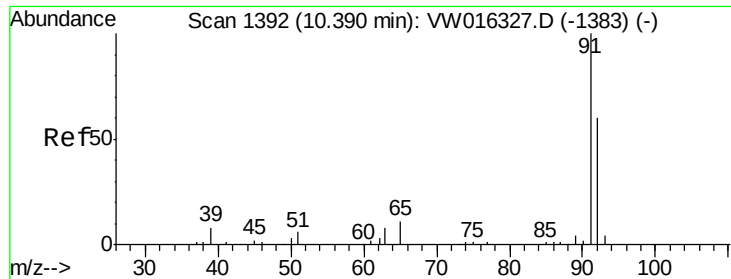
Tgt Ion: 75 Resp: 161796
 Ion Ratio Lower Upper
 75 100
 77 30.0 22.0 40.8



#43
 4-Methyl-2-pentanone
 Concen: 52.117 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW016326.D
 Acq: 24 Aug 2020 12:57

Tgt Ion: 43 Resp: 116193
 Ion Ratio Lower Upper
 43 100
 58 43.3 34.9 52.3
 100 20.8 15.9 23.9





#44

Toluene

Concen: 26.138 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

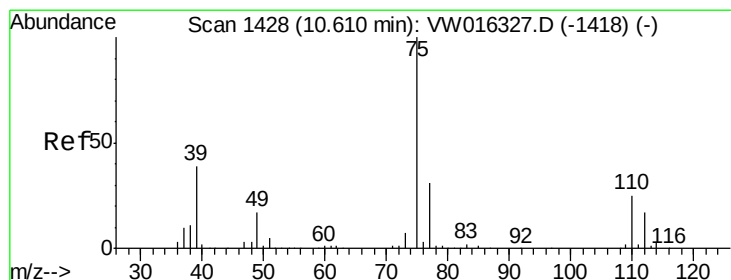
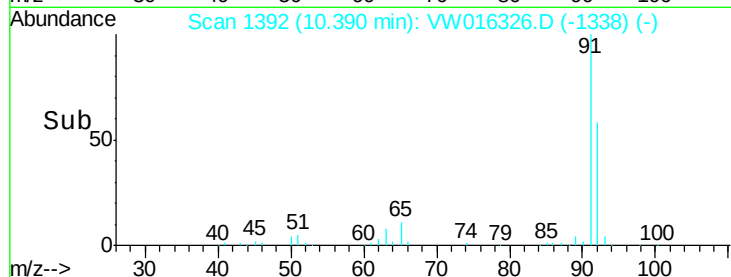
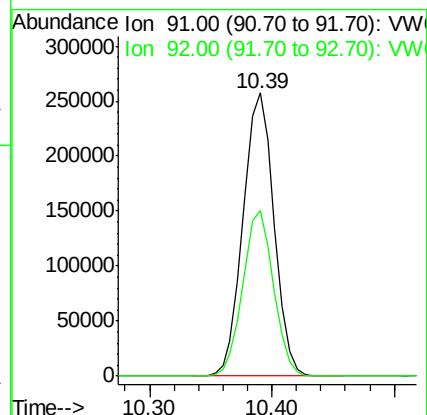
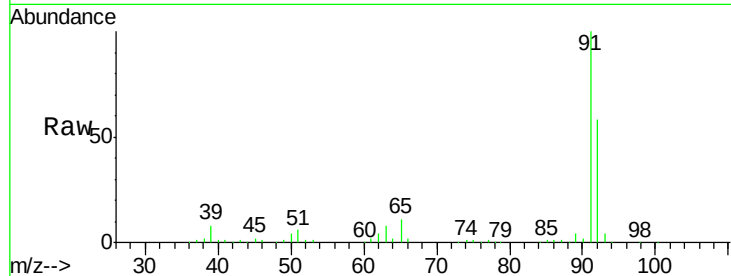
VICV01

Tgt Ion: 91 Resp: 451314

Ion Ratio Lower Upper

91 100

92 58.3 41.5 77.1



#45

trans-1,3-Dichloropropene

Concen: 26.573 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW016326.D

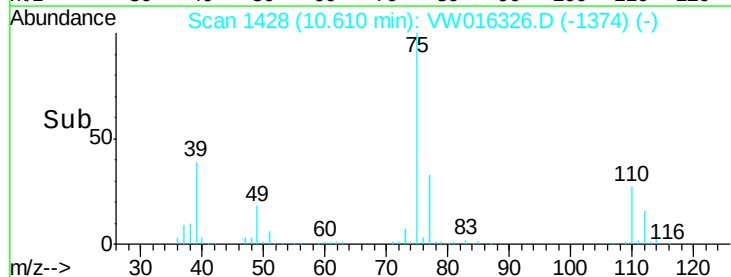
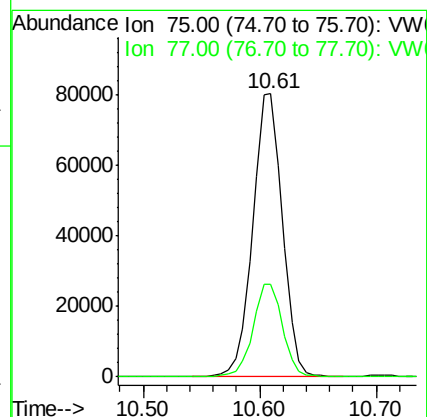
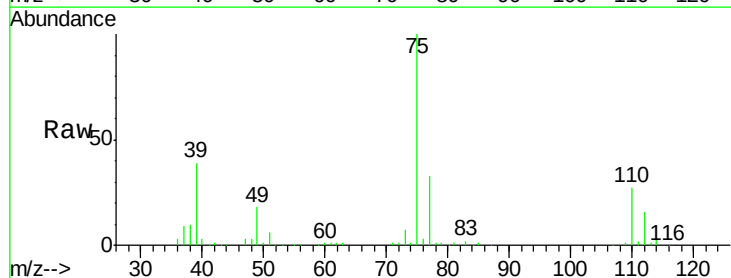
Acq: 24 Aug 2020 12:57

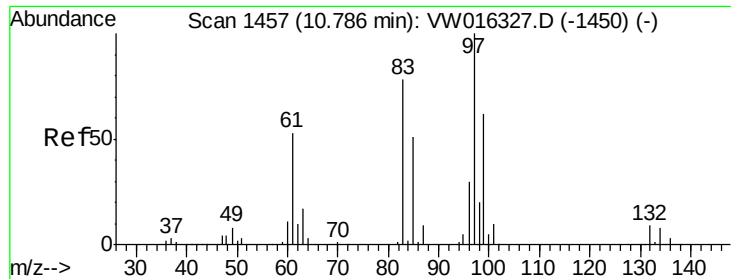
Tgt Ion: 75 Resp: 143437

Ion Ratio Lower Upper

75 100

77 32.8 21.3 39.5

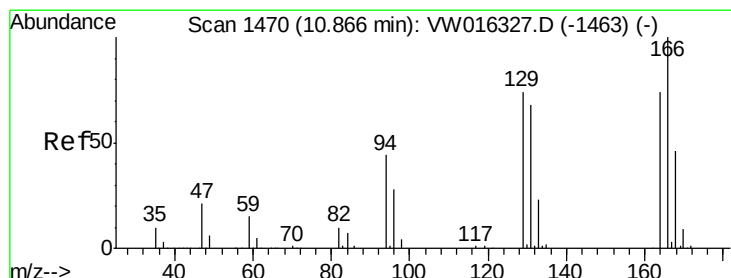
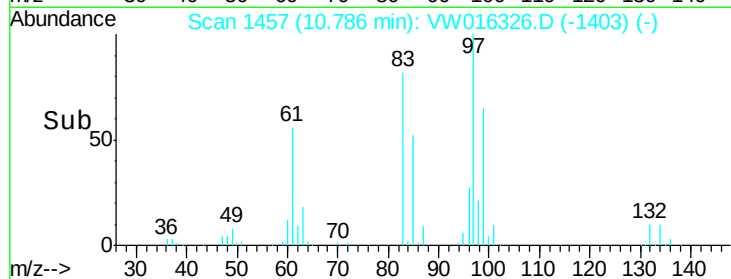
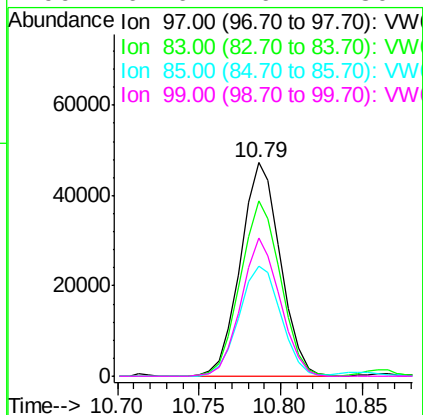
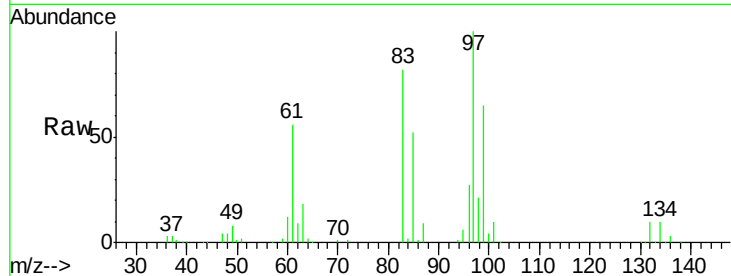




#46
1,1,2-Trichloroethane
Concen: 26.095 ug/L
RT: 10.79 min Scan# 1457
Delta R.T. 0.00 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

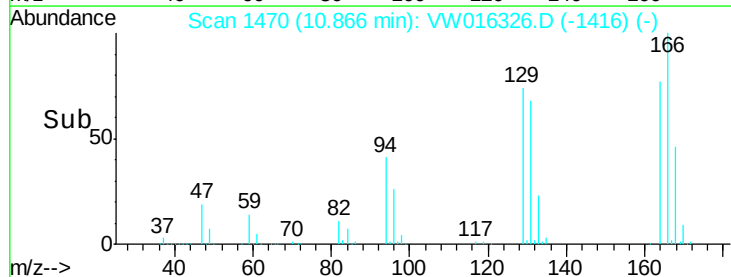
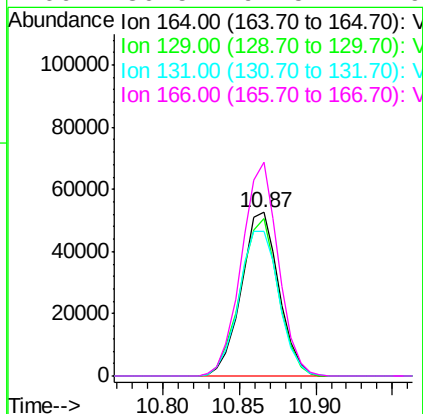
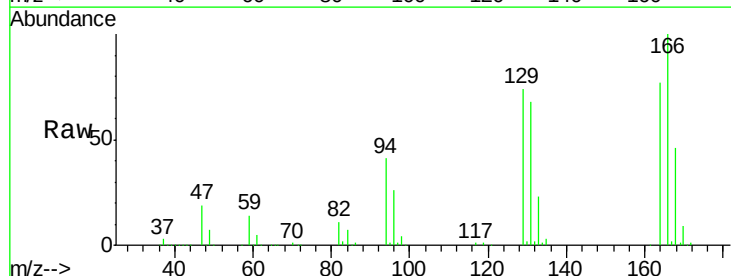
Instrument :
MSVOA_W
ClientSampleId :
VICV01

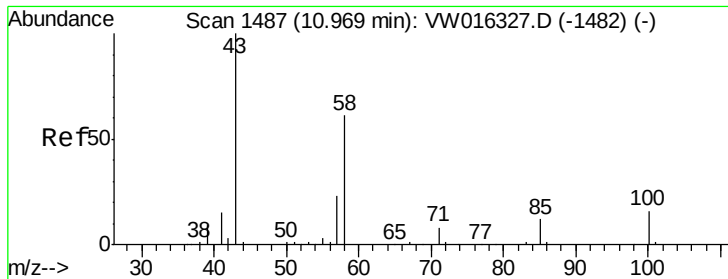
Tgt Ion:	97	Resp:	80311
Ion	Ratio	Lower	Upper
97	100		
83	81.9	57.9	107.5
85	51.6	38.8	72.0
99	64.6	46.4	86.2



#47
Tetrachloroethene
Concen: 25.373 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

Tgt Ion:	164	Resp:	89822
Ion	Ratio	Lower	Upper
164	100		
129	96.5	71.5	132.7
131	88.1	67.4	125.2
166	130.5	92.5	171.9





#49

2-Hexanone

Concen: 55.441 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

VICV01

Tgt Ion: 43 Resp: 80073

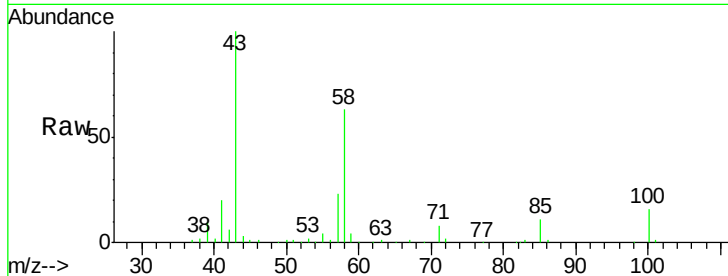
Ion Ratio Lower Upper

43 100

58 60.3 49.5 74.3

57 21.8 17.7 26.5

100 15.9 12.9 19.3

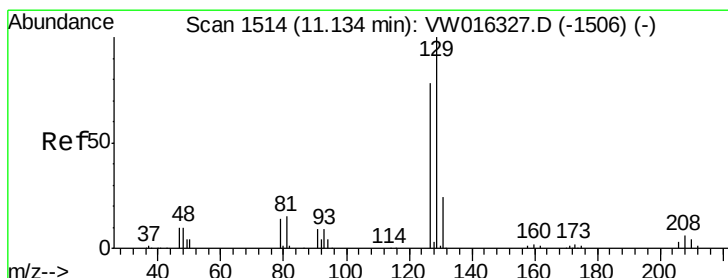
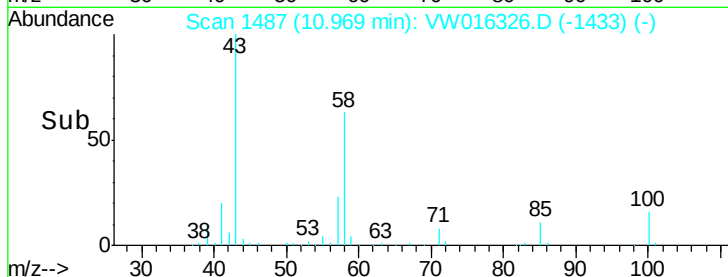
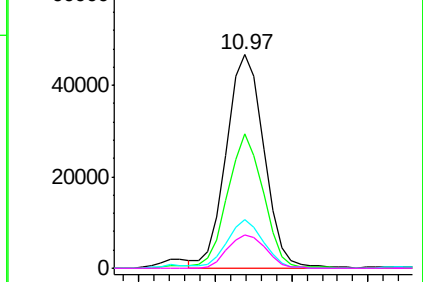


Abundance Ion 43.00 (42.70 to 43.70): VW

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: 26.256 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW016326.D

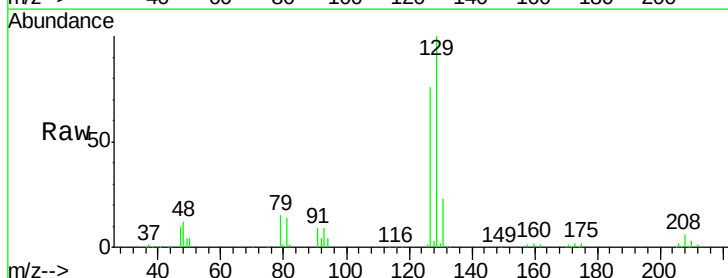
Acq: 24 Aug 2020 12:57

Tgt Ion: 129 Resp: 100640

Ion Ratio Lower Upper

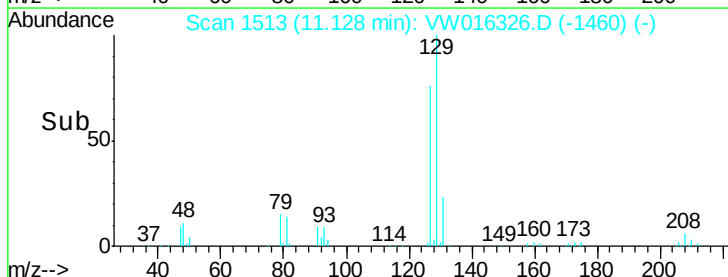
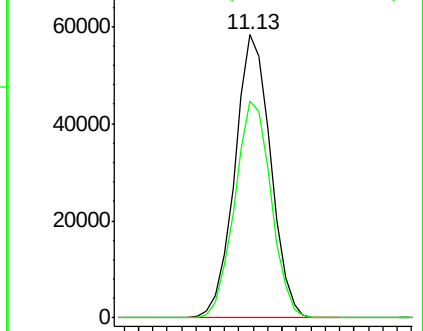
129 100

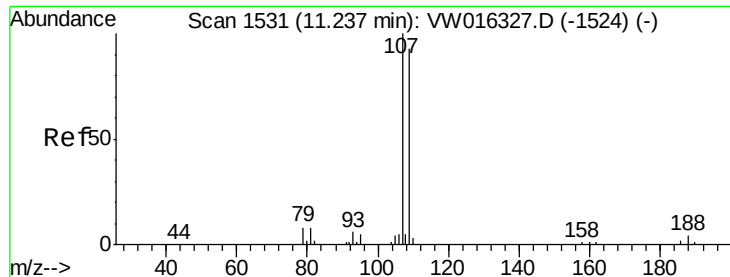
127 76.5 53.8 99.8



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

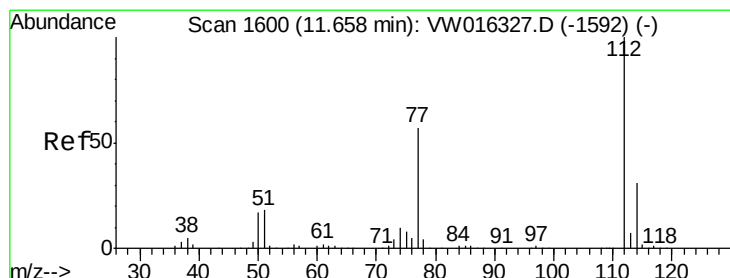
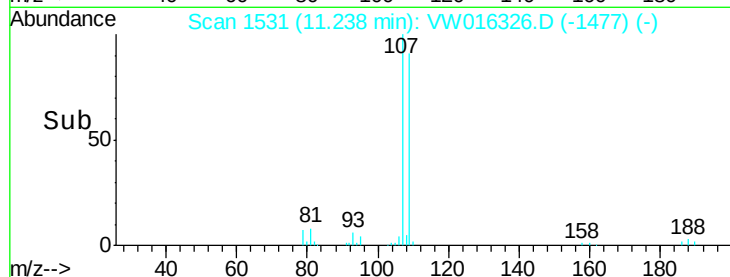
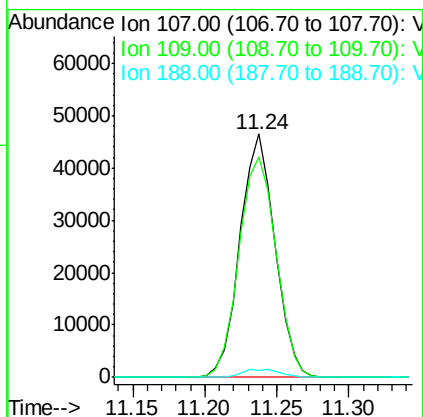
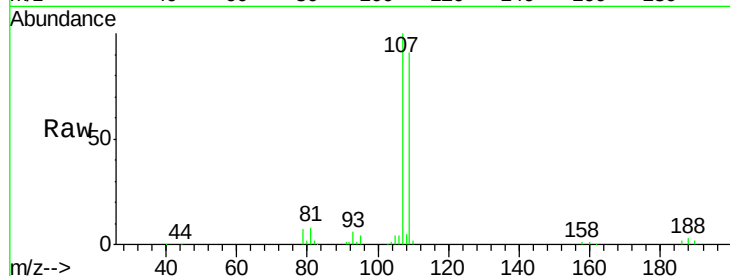




#51
1,2-Dibromoethane
Concen: 25.970 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

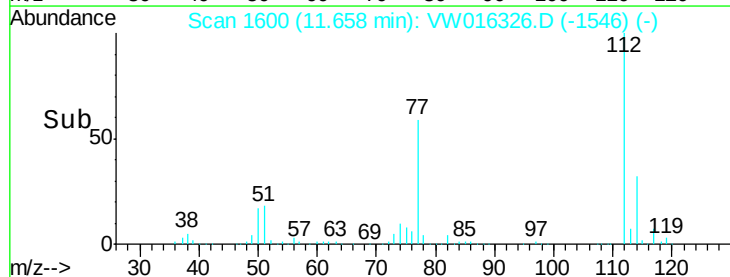
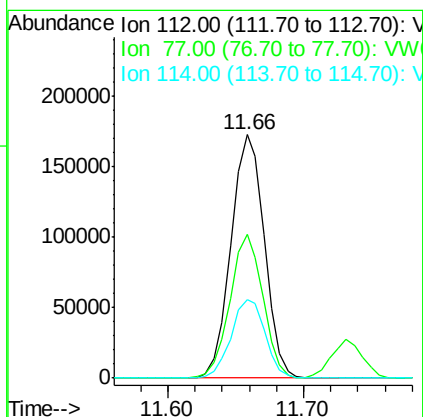
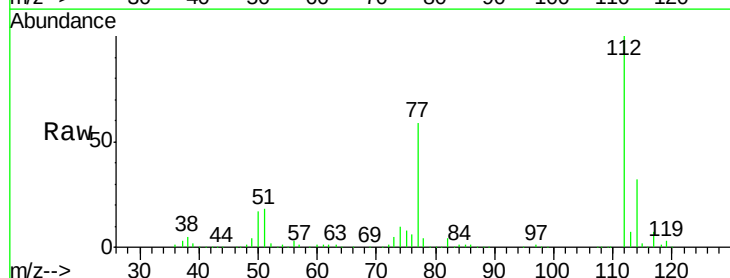
Instrument :
MSVOA_W
ClientSampleId :
VICV01

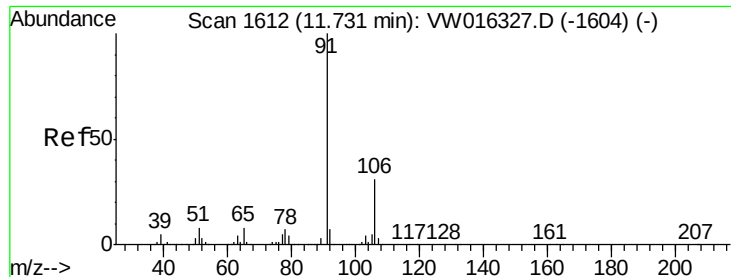
Tgt Ion:107 Resp: 78233
Ion Ratio Lower Upper
107 100
109 90.9 65.7 121.9
188 2.9 3.3 4.9#



#52
Chlorobenzene
Concen: 25.481 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

Tgt Ion:112 Resp: 293848
Ion Ratio Lower Upper
112 100
77 59.1 46.9 70.3
114 32.3 23.3 43.3

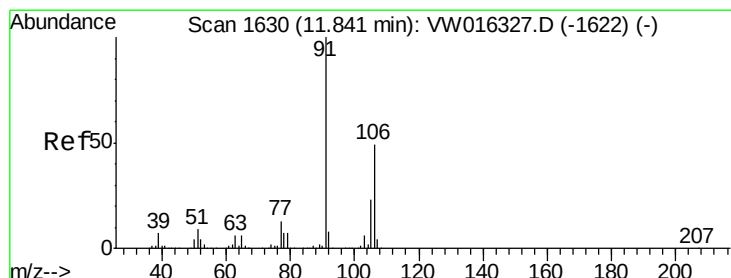
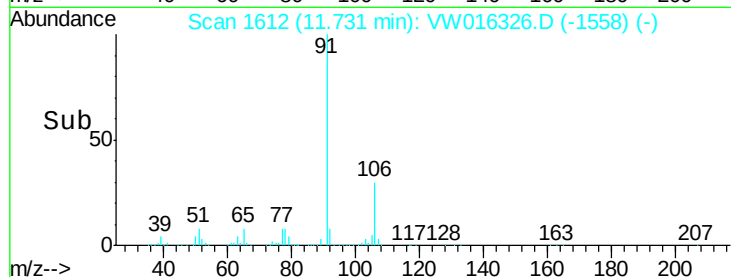
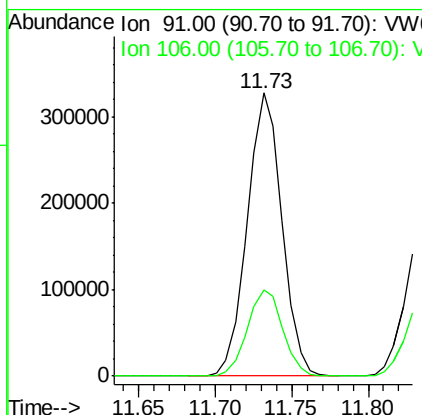
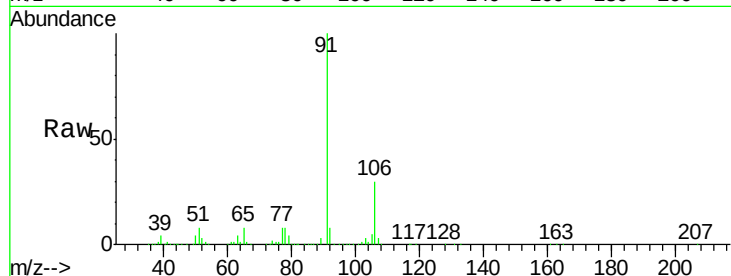




#53
Ethylbenzene
Concen: 26.007 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

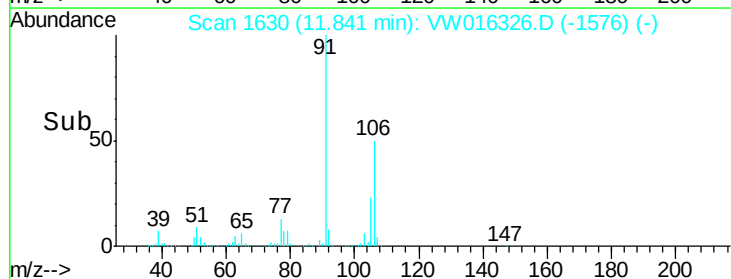
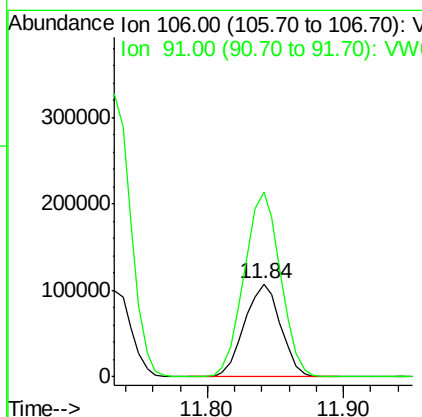
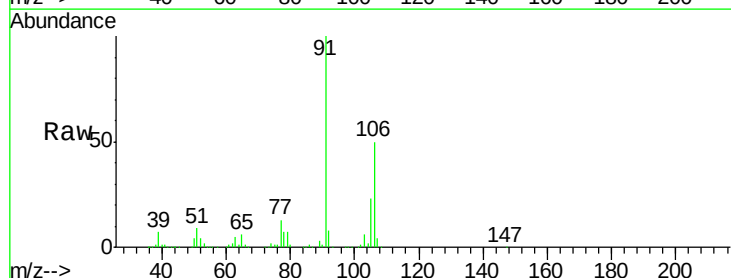
Instrument :
MSVOA_W
ClientSampled :
VICV01

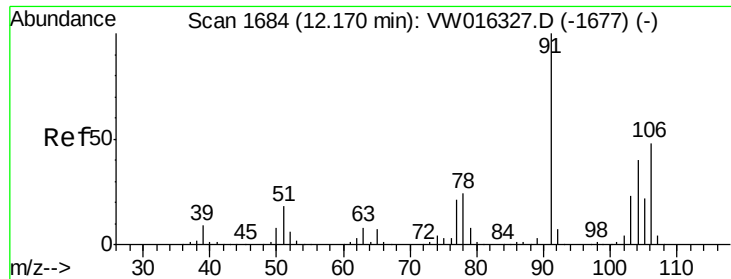
Tgt Ion: 91 Resp: 516240
Ion Ratio Lower Upper
91 100
106 30.3 22.0 41.0



#54
m,p-Xylene
Concen: 26.267 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

Tgt Ion: 106 Resp: 200381
Ion Ratio Lower Upper
106 100
91 199.0 138.8 257.8

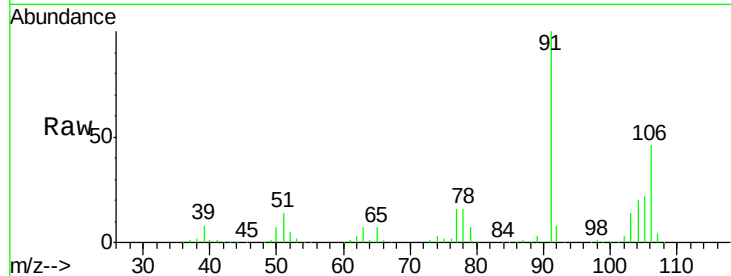




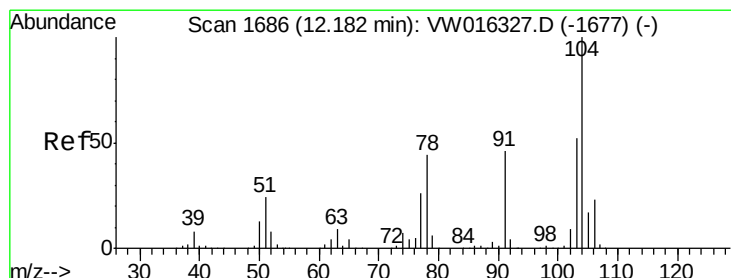
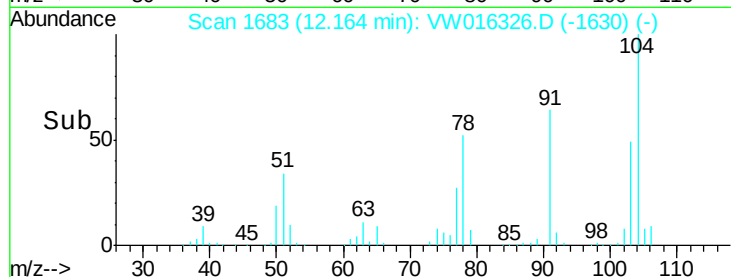
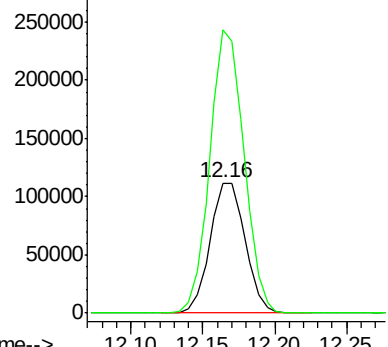
#55
o-xylene
Concen: 26.350 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

Instrument :
MSVOA_W
ClientSampled :
VICV01

Tgt Ion:106 Resp: 188844
Ion Ratio Lower Upper
106 100
91 217.8 151.3 281.1

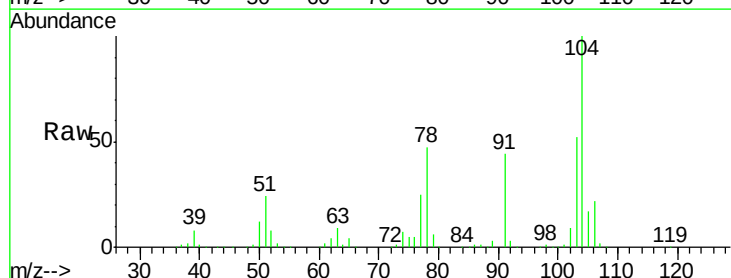


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

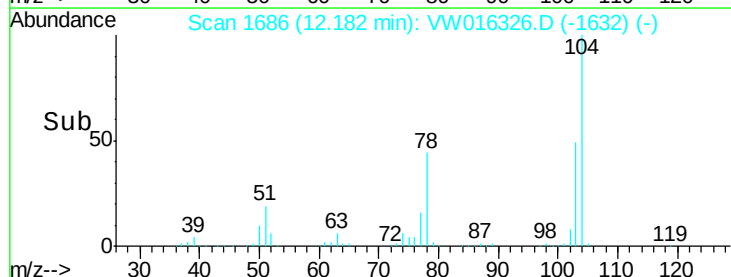
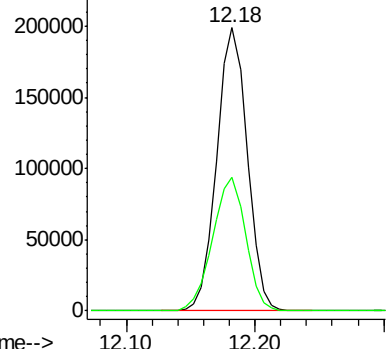


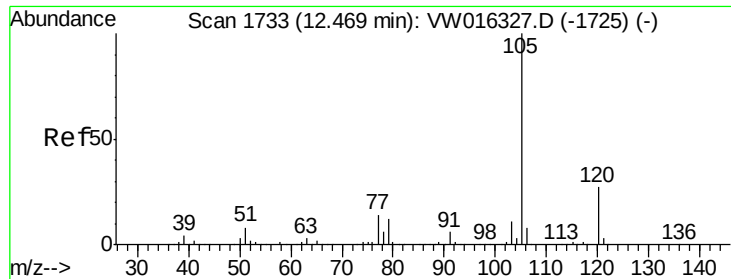
#56
Styrene
Concen: 26.951 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016326.D
Acq: 24 Aug 2020 12:57

Tgt Ion:104 Resp: 325008
Ion Ratio Lower Upper
104 100
78 47.4 30.9 57.5



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





#57

Isopropylbenzene

Concen: 26.092 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampled :

VICV01

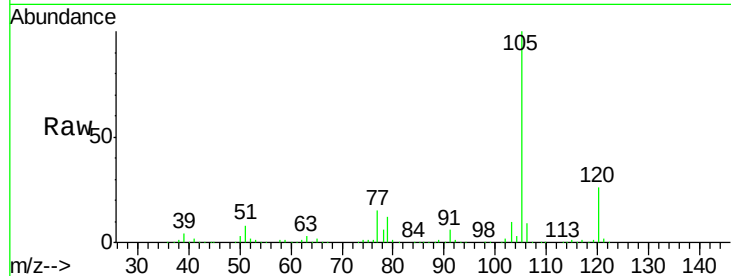
Tgt Ion: 105 Resp: 520562

Ion Ratio Lower Upper

105 100

120 26.6 21.2 31.8

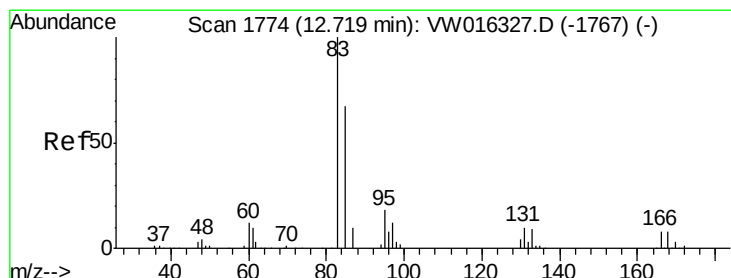
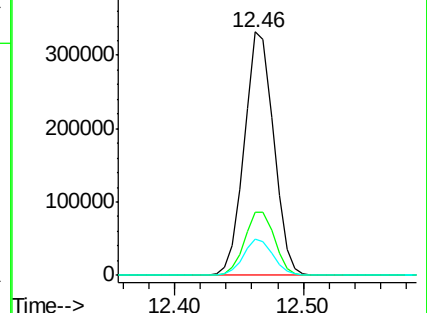
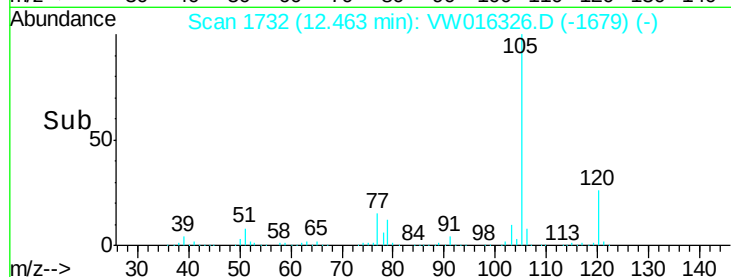
77 15.0 12.2 18.4



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: 26.711 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

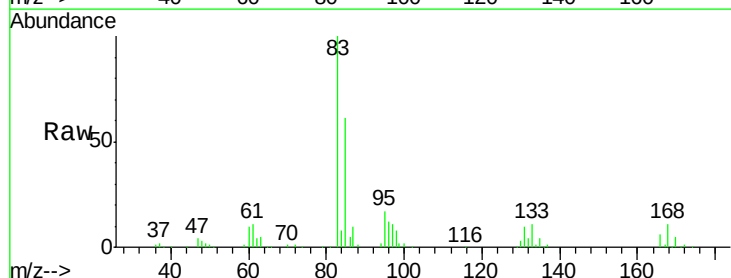
Tgt Ion: 83 Resp: 95926

Ion Ratio Lower Upper

83 100

85 61.3 46.0 85.4

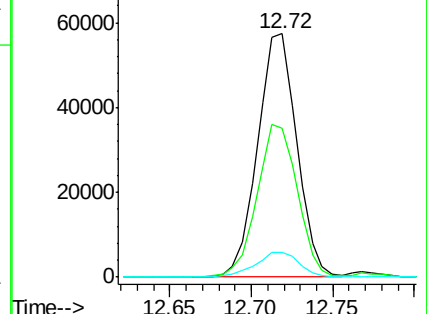
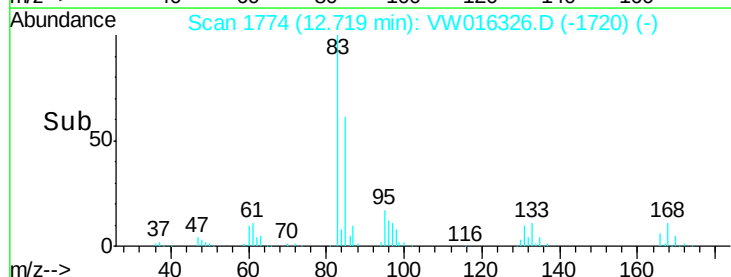
131 10.4 8.8 13.2

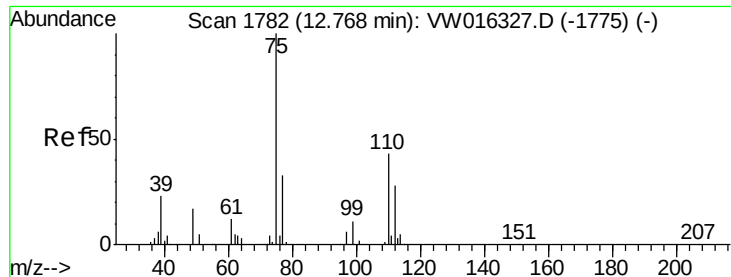


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 26.560 ug/L

RT: 12.77 min Scan# 1783

Delta R.T. 0.01 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

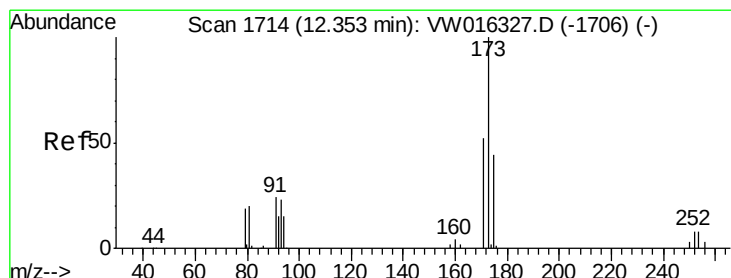
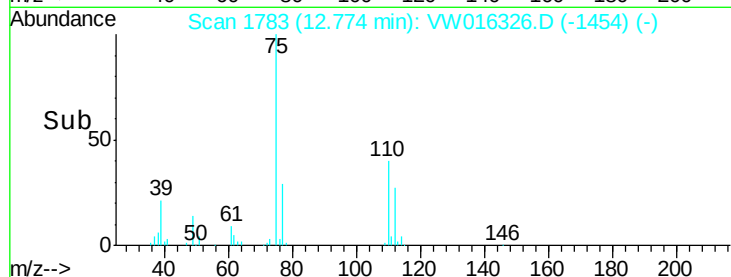
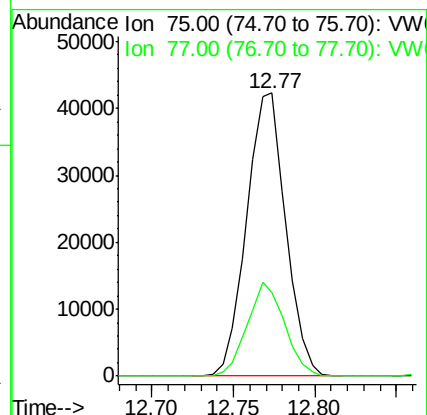
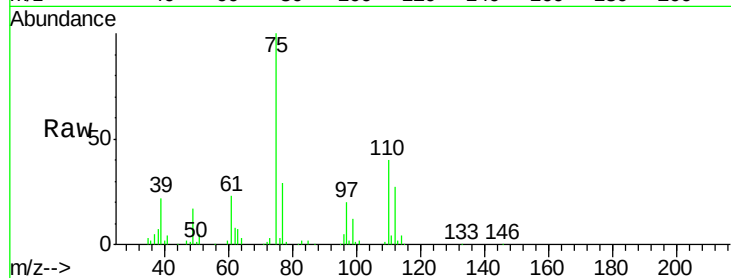
VICV01

Tgt Ion: 75 Resp: 70644

Ion Ratio Lower Upper

75 100

77 31.7 27.1 40.7



#62

Bromoform

Concen: 25.409 ug/L

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

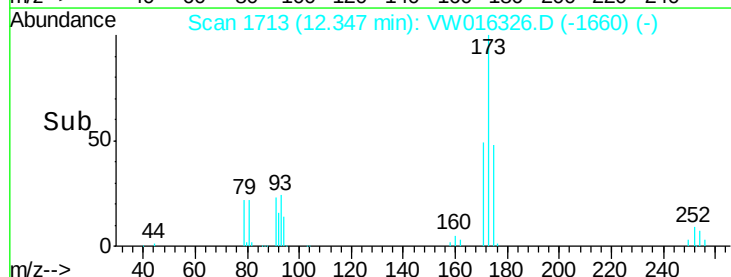
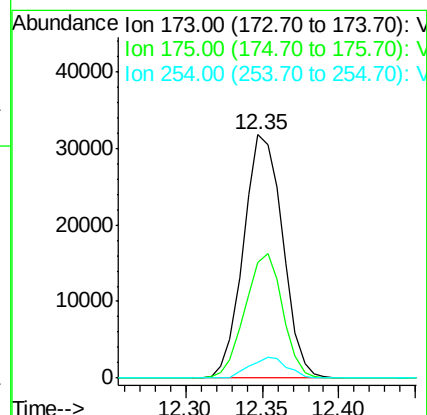
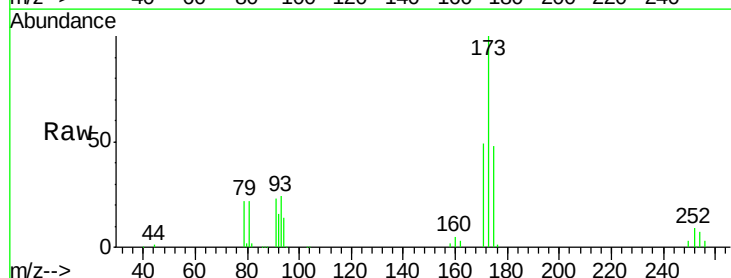
Tgt Ion: 173 Resp: 56636

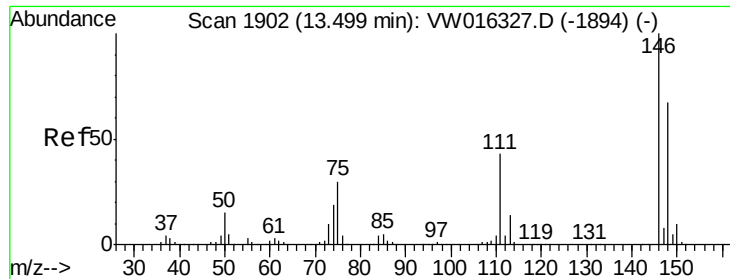
Ion Ratio Lower Upper

173 100

175 49.1 39.0 58.4

254 8.0 6.9 10.3





#63

1,3-Dichlorobenzene

Concen: 25.031 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VICV01

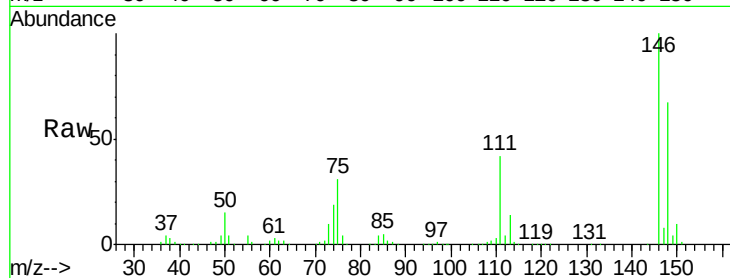
Tgt Ion:146 Resp: 231355

Ion Ratio Lower Upper

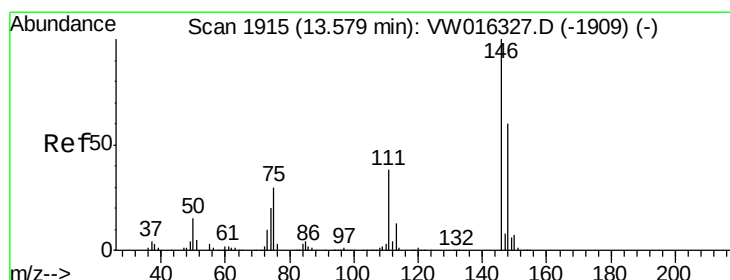
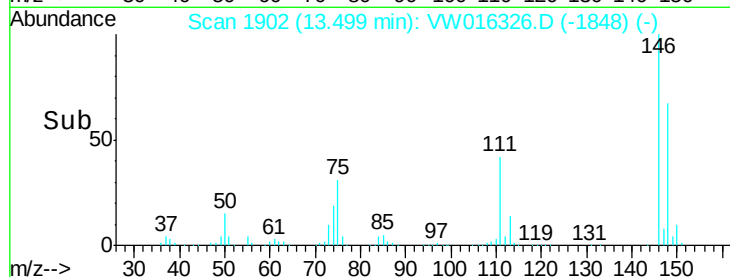
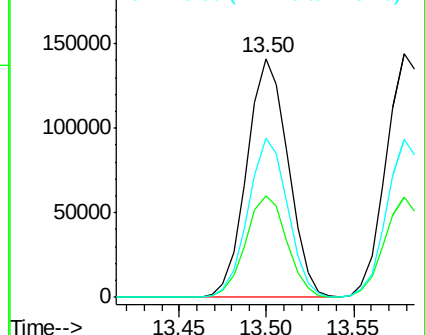
146 100

111 42.4 30.2 56.2

148 66.6 45.1 83.7



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#64

1,4-Dichlorobenzene

Concen: 24.337 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

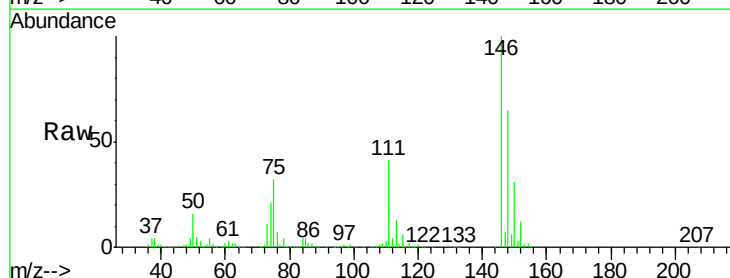
Tgt Ion:146 Resp: 227880

Ion Ratio Lower Upper

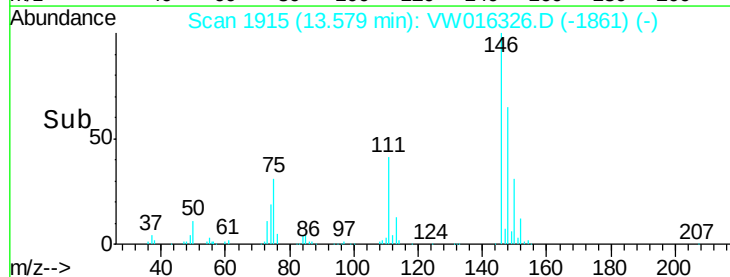
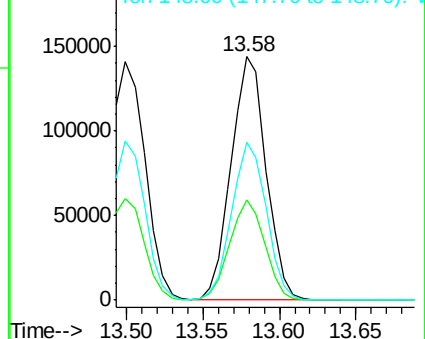
146 100

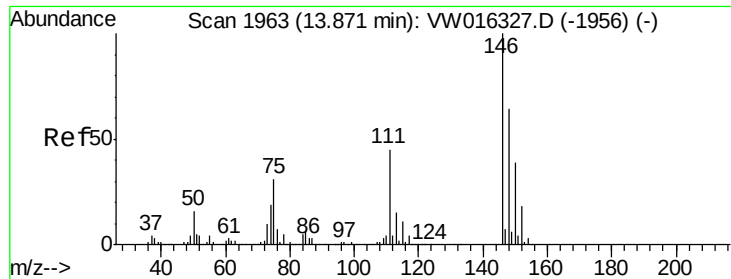
111 41.4 28.0 52.0

148 65.0 41.4 76.8



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 25.560 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VICV01

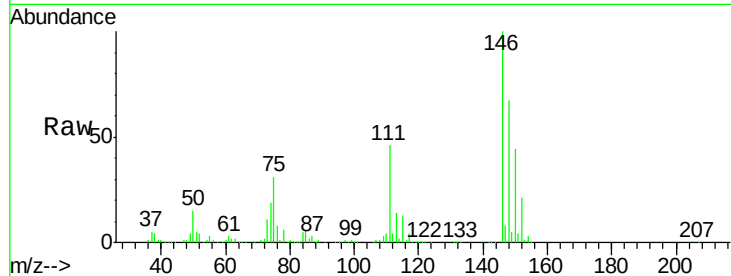
Tgt Ion:146 Resp: 210952

Ion Ratio Lower Upper

146 100

111 45.7 36.9 55.3

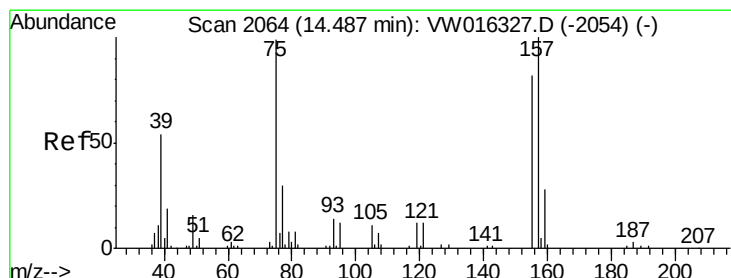
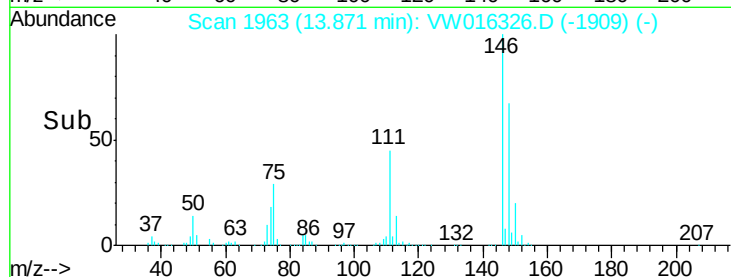
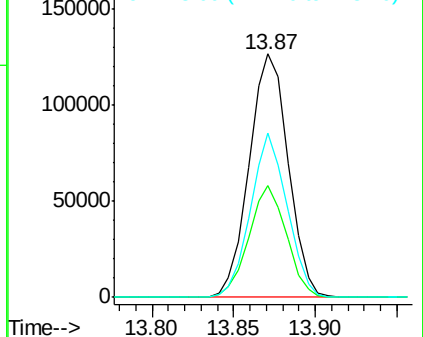
148 67.5 51.4 77.2



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: 26.238 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

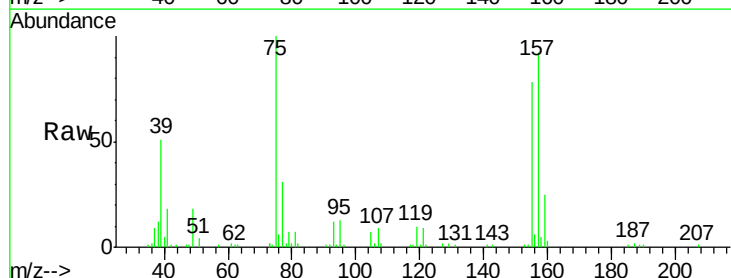
Tgt Ion: 75 Resp: 17023

Ion Ratio Lower Upper

75 100

157 92.5 82.2 123.4

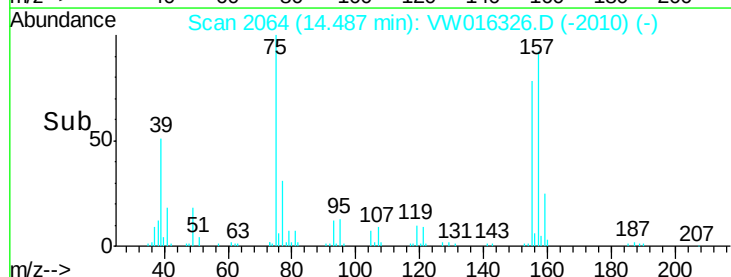
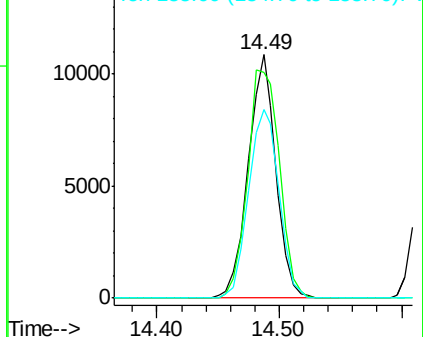
155 77.7 66.8 100.2

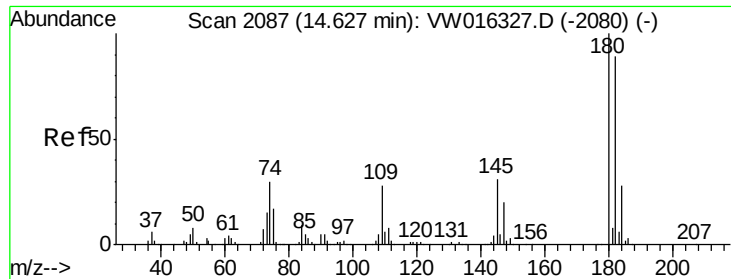


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

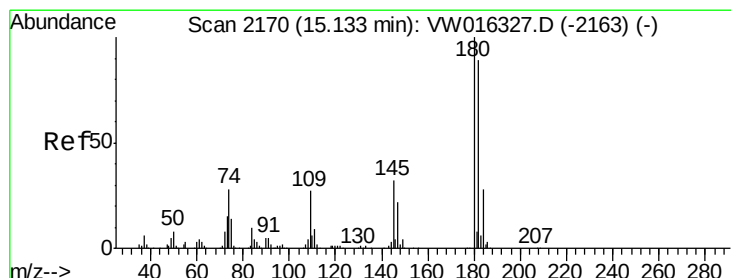
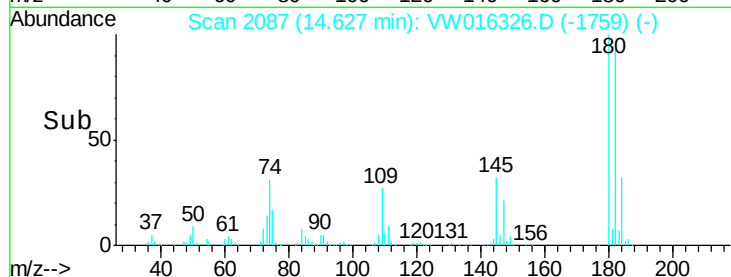
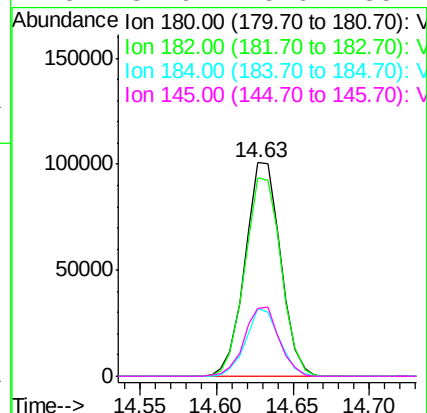
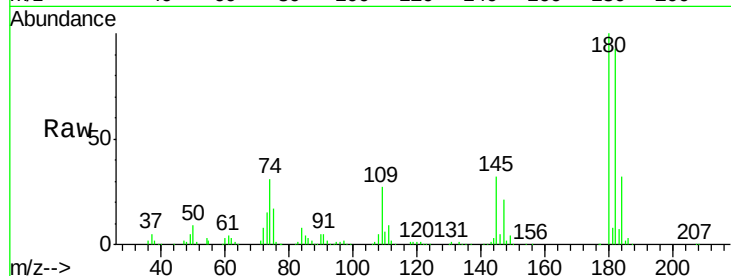




#67
 1,3,5-Trichlorobenzene
 Concen: 25.437 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. 0.00 min
 Lab File: VW016326.D
 Acq: 24 Aug 2020 12:57

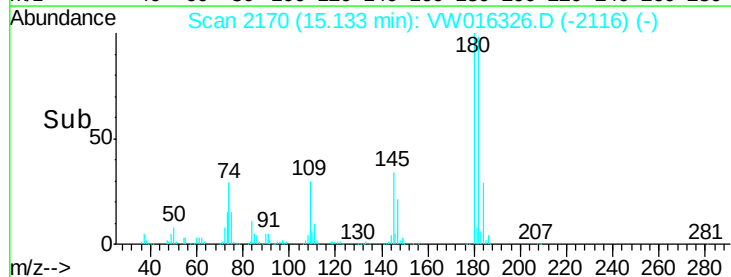
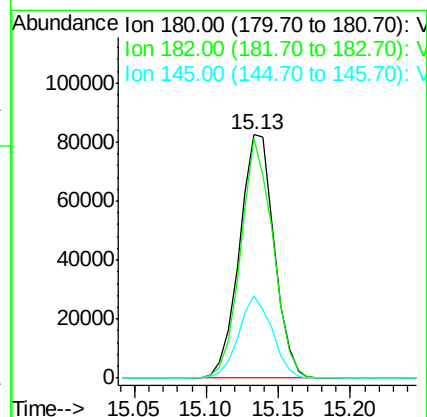
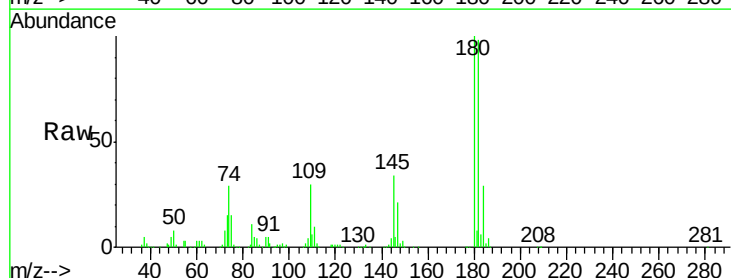
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV01

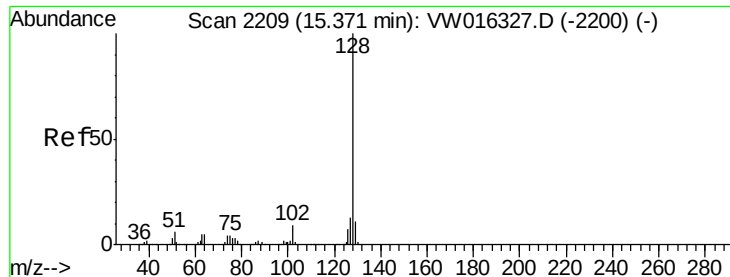
Tgt Ion:	180	Resp:	162247
Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.4	116.2
184	30.1	24.4	36.6
145	31.9	25.6	38.4



#68
 1,2,4-trichlorobenzene
 Concen: 27.190 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016326.D
 Acq: 24 Aug 2020 12:57

Tgt Ion:	180	Resp:	137656
Ion	Ratio	Lower	Upper
180	100		
182	91.8	76.5	114.7
145	32.8	26.0	39.0





#69

Naphthalene

Concen: 28.827 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

Instrument :

MSVOA_W

ClientSampleId :

VICV01

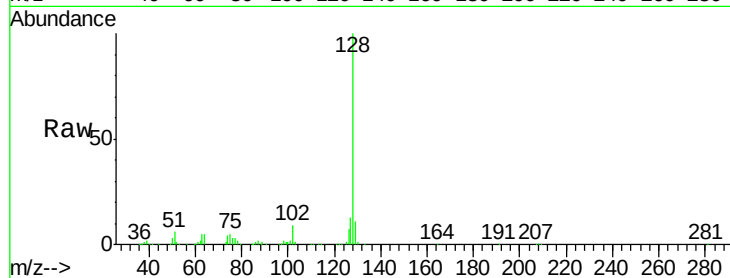
Tgt Ion:128 Resp: 286689

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

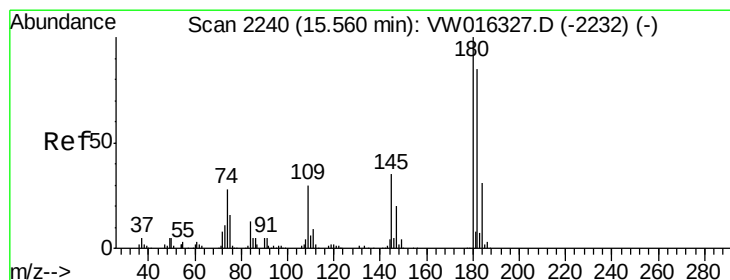
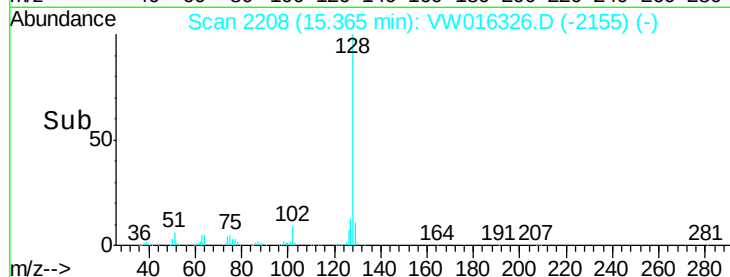
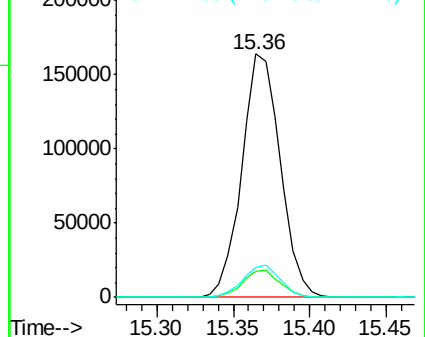
127 13.0 10.3 15.5



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: 27.245 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW016326.D

Acq: 24 Aug 2020 12:57

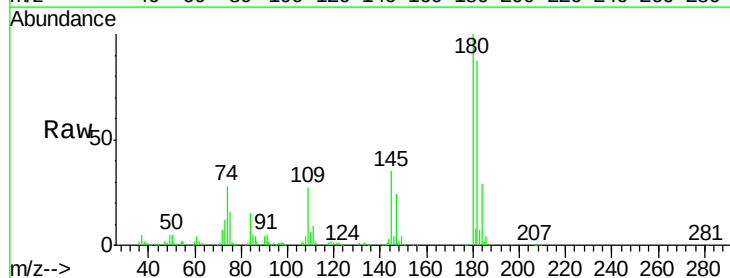
Tgt Ion:180 Resp: 121312

Ion Ratio Lower Upper

180 100

182 91.7 77.0 115.4

145 36.4 28.6 42.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

