

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092220\
 Data File : VX018532.D
 Acq On : 22 Sep 2020 20:19
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

Quant Time: Sep 23 05:16:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 23 05:08:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	282856	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	270547	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	140380	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	77228	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	1.70	69	62140	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.34	63	170356	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.56	46	186145	51.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	5.14	84	167455	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	6.03	65	91832	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	6.04	84	315176	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	7.37	67	96176	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	8.70	98	306957	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	8.99	79	41375	5.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.20%
46) 2-Hexanone-d5	9.43	63	155869	53.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.96%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	71312	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
66) 1,2-Dichlorobenzene-d4	12.36	152	113367	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	85820	5.203 ug/L	98
3) Chloromethane	1.31	50	71526	5.073 ug/L	100
5) Vinyl chloride	1.39	62	73626	5.052 ug/L	97
6) Bromomethane	1.64	94	45082	5.115 ug/L	97
8) Chloroethane	1.72	64	42078	5.152 ug/L	98
9) Trichlorofluoromethane	1.92	101	125810	5.212 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	69509	5.038 ug/L	97
12) 1,1-Dichloroethene	2.36	96	65897	5.142 ug/L	99
13) Acetone	2.45	43	96627	47.695 ug/L	94
14) Carbon disulfide	2.55	76	211857	5.191 ug/L	95
15) Methyl Acetate	2.76	43	25722	5.076 ug/L #	91
16) Methylene chloride	2.84	84	71063	4.120 ug/L	95
17) Methyl tert-butyl Ether	3.17	73	153419	5.303 ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	65060	4.905 ug/L	94
19) 1,1-Dichloroethane	3.67	63	118447	5.001 ug/L	97
21) 2-Butanone	4.67	43	160714	53.972 ug/L	97
22) cis-1,2-Dichloroethene	4.56	96	68010	4.966 ug/L #	87

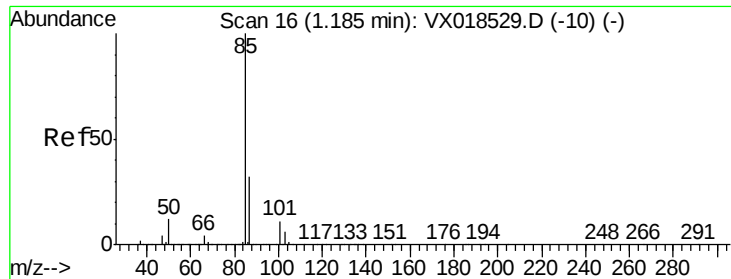
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092220\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	33170	4.930	ug/L	96
25) Chloroform	5.18	83	126414	4.881	ug/L	98
27) 1,2-Dichloroethane	6.16	62	84598	5.143	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	123971	5.088	ug/L	97
30) Cyclohexane	5.55	56	101309	5.056	ug/L	99
31) Carbon tetrachloride	5.76	117	113411	5.211	ug/L	98
33) Benzene	6.11	78	261541	5.264	ug/L	100
34) Trichloroethene	7.19	95	73035	5.189	ug/L	94
35) Methylcyclohexane	7.44	83	103317	5.203	ug/L	100
37) 1,2-Dichloropropane	7.49	63	63025	4.924	ug/L	100
38) Bromodichloromethane	7.88	83	90399	5.082	ug/L	96
39) cis-1,3-Dichloropropene	8.42	75	95804	5.091	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	393750	55.428	ug/L	99
42) Toluene	8.77	91	279919	5.254	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	87563	5.160	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	47584	5.172	ug/L	96
47) Tetrachloroethene	9.32	164	57735	4.939	ug/L	91
48) 2-Hexanone	9.48	43	288821	55.619	ug/L	100
49) Dibromochloromethane	9.57	129	63511	5.218	ug/L	97
50) 1,2-Dibromoethane	9.65	107	47083	5.374	ug/L #	86
51) Chlorobenzene	10.12	112	187281	5.323	ug/L	97
52) Ethylbenzene	10.24	91	305038	5.327	ug/L	97
53) m,p-xylene	10.34	106	117762	5.367	ug/L	99
54) o-xylene	10.68	106	111488	5.462	ug/L	97
55) Styrene	10.70	104	191441	5.500	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	56128	5.370	ug/L #	99
59) Bromoform	10.84	173	35336	4.700	ug/L	98
60) Isopropylbenzene	11.00	105	304387	5.314	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	41315	4.823	ug/L	97
62) 1,3,5-Trimethylbenzene	11.49	105	243056	5.228	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	253673	5.371	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	150732	5.156	ug/L	98
65) 1,4-Dichlorobenzene	12.08	146	151616	5.087	ug/L	99
67) 1,2-Dichlorobenzene	12.38	146	139994	5.126	ug/L	94
68) 1,2-Dibromo-3-chloropropan	12.98	75	10746	4.561	ug/L	94
69) 1,3,5-Trichlorobenzene	13.15	180	109976	5.119	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	92977	5.212	ug/L	98
71) Naphthalene	13.82	128	157054	5.299	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	83101	5.152	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 5.203 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

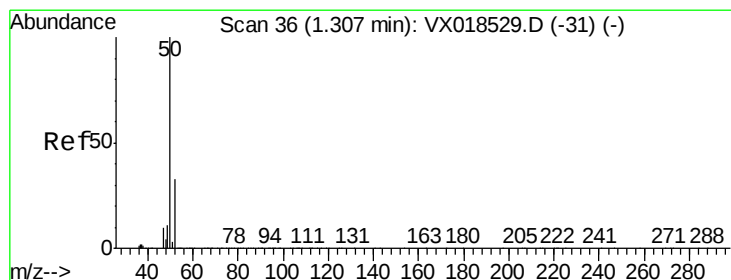
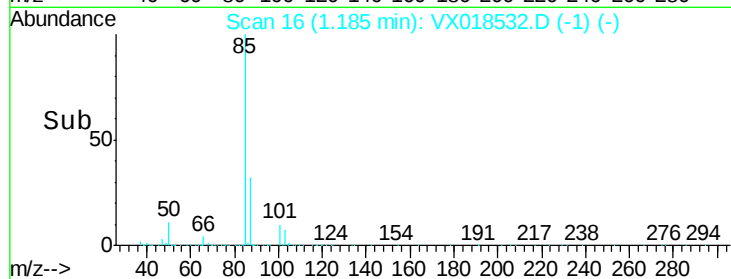
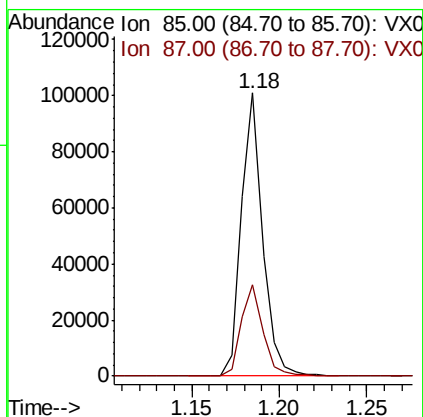
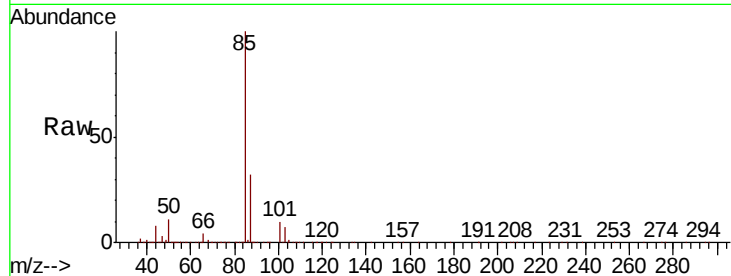
VICV306

Tot Ion: 85 Resp: 85820

Ion Ratio Lower Upper

85 100

87 33.3 25.8 38.8



#3

Chloromethane

Concen: 5.073 ug/L

RT: 1.31 min Scan# 36

Delta R.T. 0.00 min

Lab File: VX018532.D

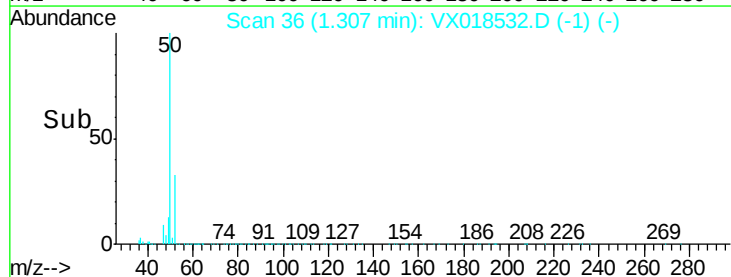
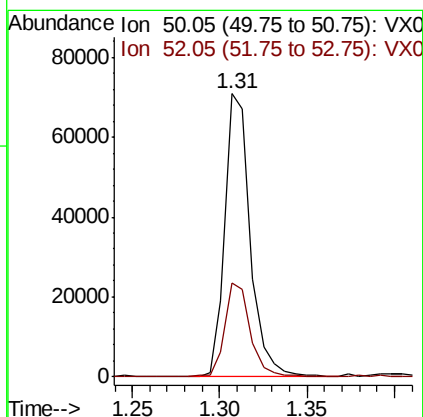
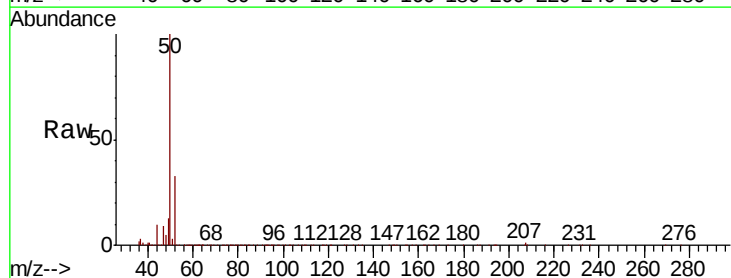
Acq: 22 Sep 2020 20:19

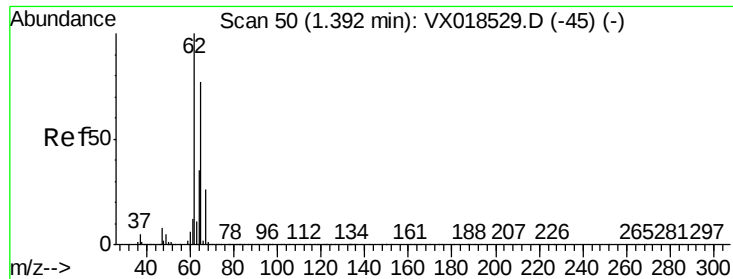
Tgt Ion: 50 Resp: 71526

Ion Ratio Lower Upper

50 100

52 33.1 23.1 42.9





#5

Vinyl chloride

Concen: 5.052 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

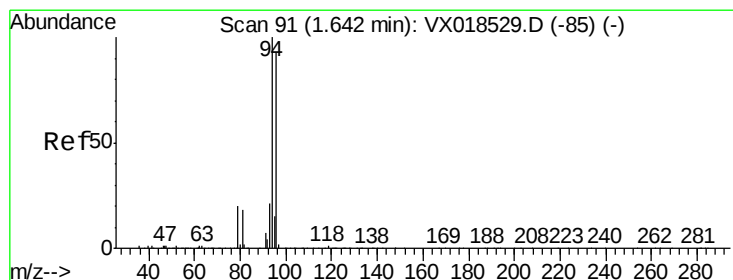
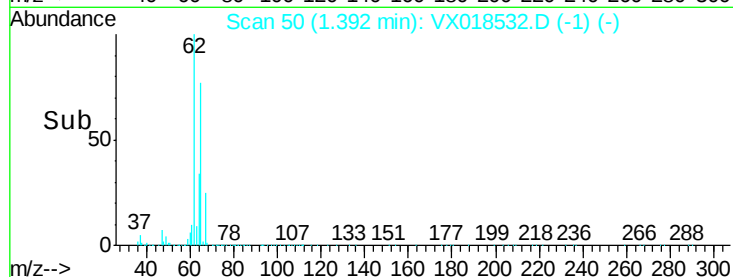
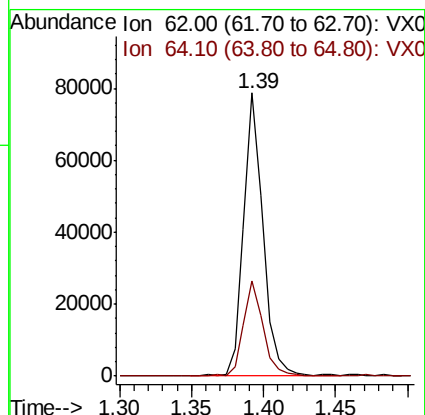
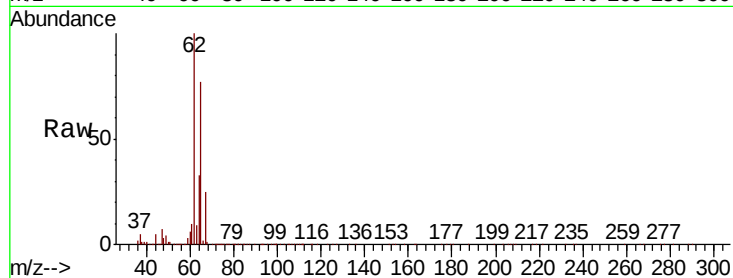
VICV306

Tot Ion: 62 Resp: 73626

Ion Ratio Lower Upper

62 100

64 33.5 24.8 46.0



#6

Bromomethane

Concen: 5.115 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018532.D

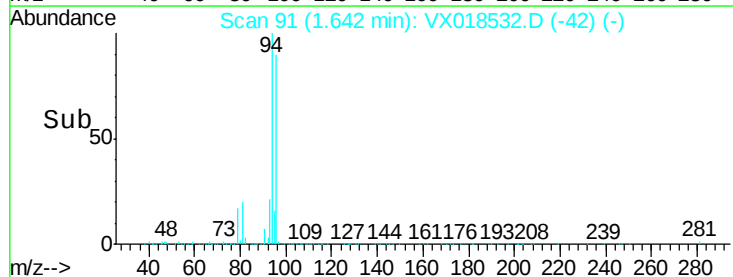
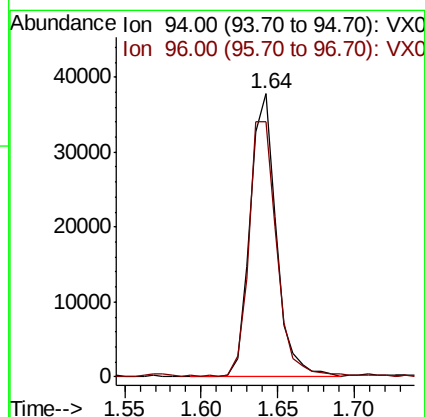
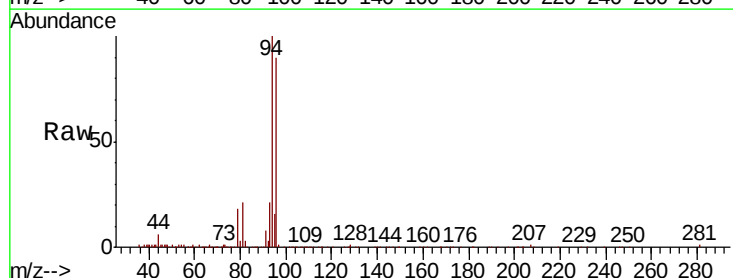
Acq: 22 Sep 2020 20:19

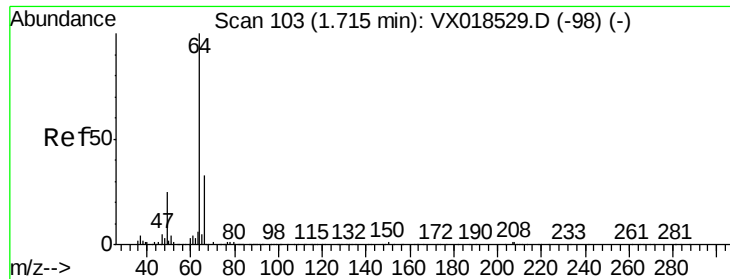
Tgt Ion: 94 Resp: 45082

Ion Ratio Lower Upper

94 100

96 90.1 65.2 121.2

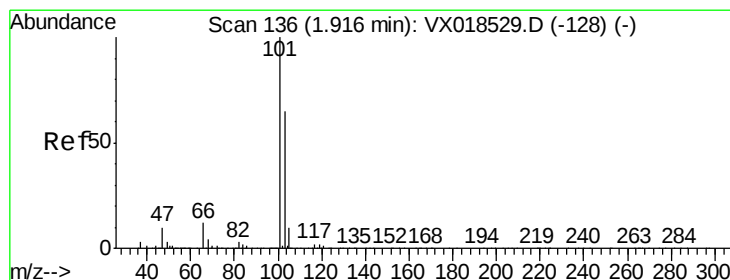
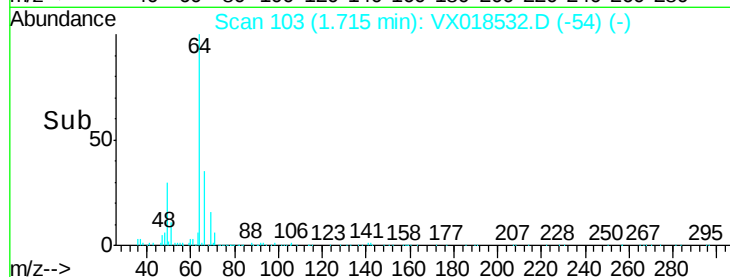
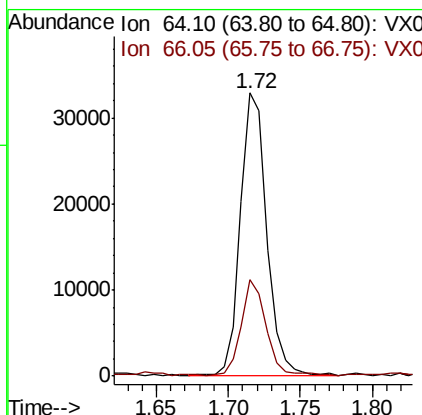
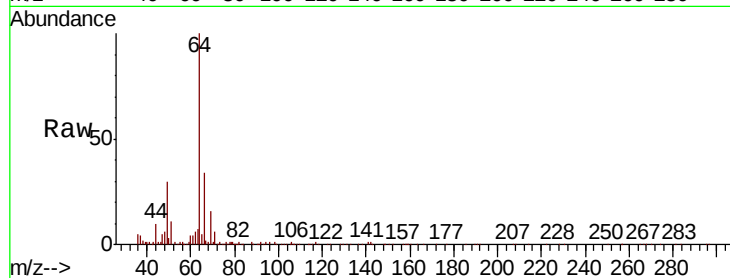




#8
Chloroethane
Concen: 5.152 ug/L
RT: 1.72 min Scan# 103
Delta R.T. 0.00 min
Lab File: VX018532.D
Acq: 22 Sep 2020 20:19

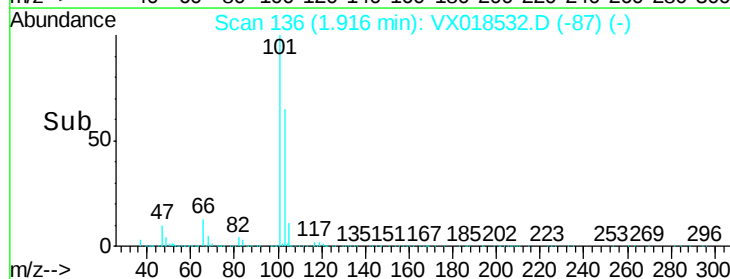
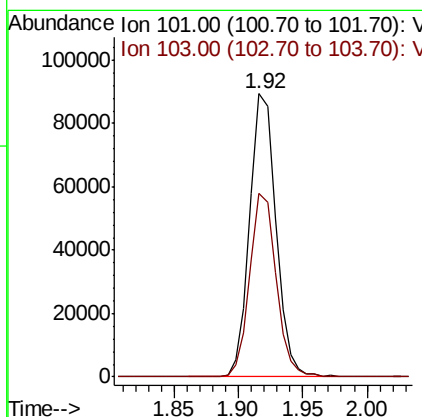
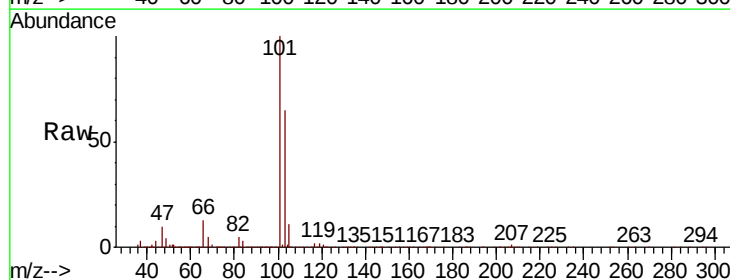
Instrument :
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VICV306

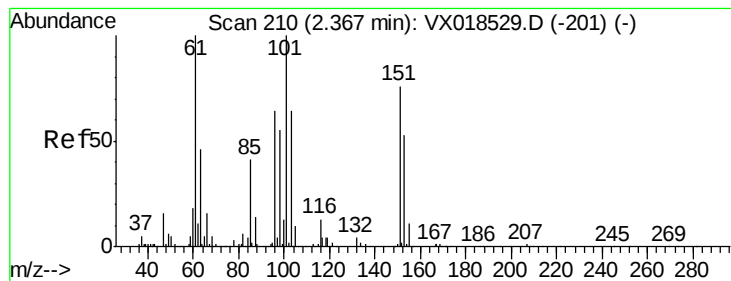
Tot Ion: 64 Resp: 42078
Ion Ratio Lower Upper
64 100
66 34.3 23.4 43.4



#9
Trichlorofluoromethane
Concen: 5.212 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018532.D
Acq: 22 Sep 2020 20:19

Tgt Ion: 101 Resp: 125810
Ion Ratio Lower Upper
101 100
103 65.7 50.2 75.2





#10

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

Concen: 5.038 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

VICV306

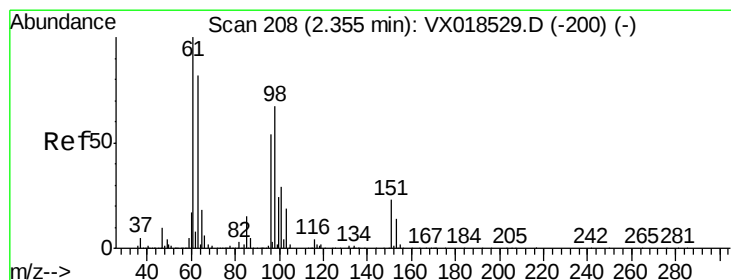
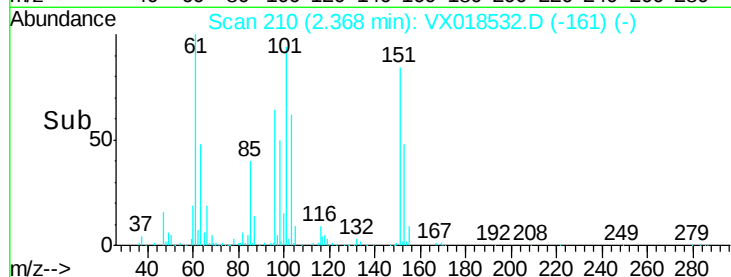
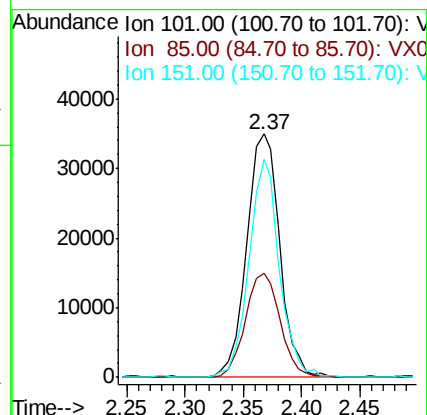
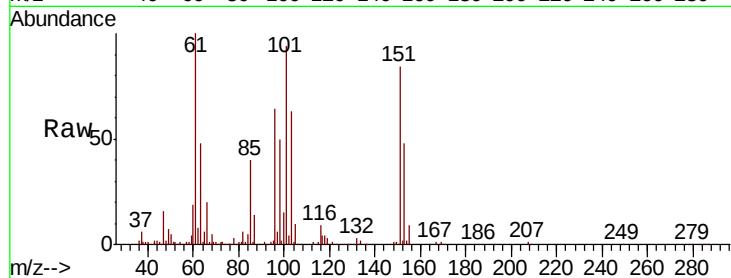
Tot Ion:101 Resp: 69509

Ion Ratio Lower Upper

101 100

85 45.0 35.9 53.9

151 82.4 62.4 93.6



#12

1,1-Dichloroethene

Concen: 5.142 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

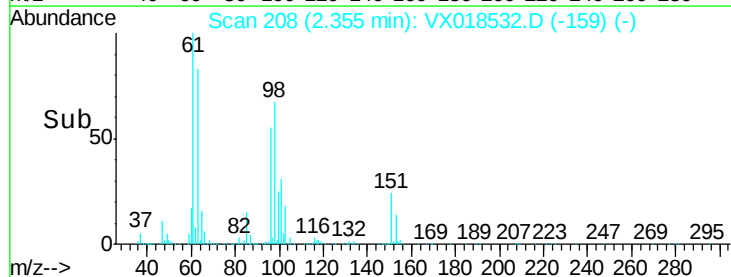
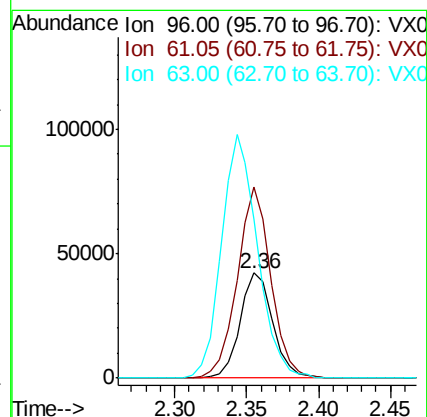
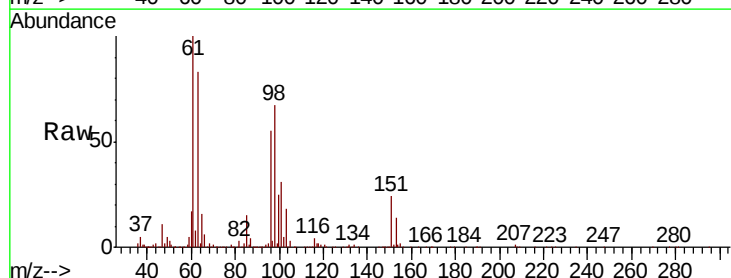
Tgt Ion: 96 Resp: 65897

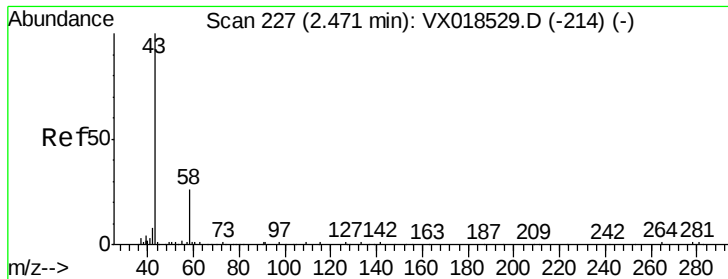
Ion Ratio Lower Upper

96 100

61 182.1 128.9 239.3

63 151.6 105.6 196.2





#13

Acetone

Concen: 47.695 ug/L

RT: 2.45 min Scan# 224

Delta R.T. -0.02 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

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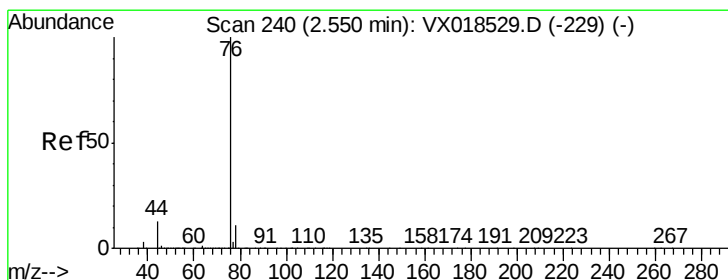
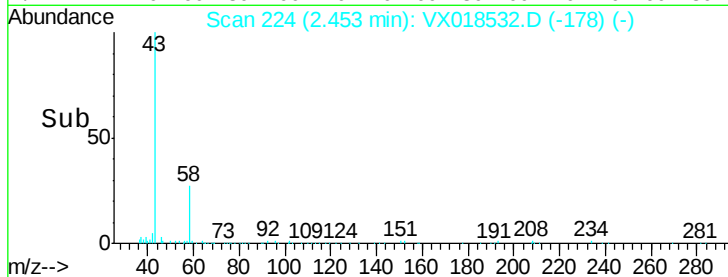
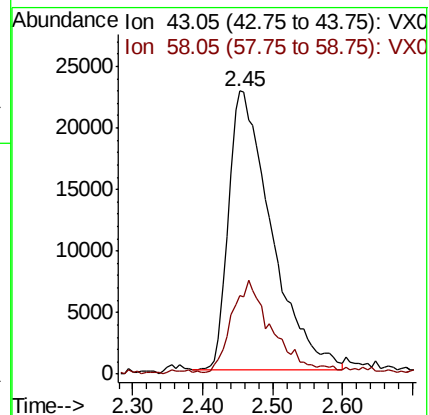
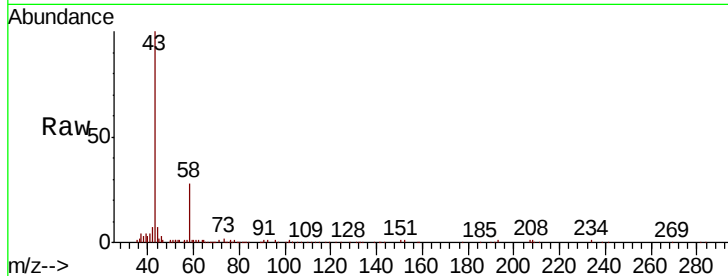
VICV306

Tot Ion: 43 Resp: 96627

Ion Ratio Lower Upper

43 100

58 32.0 0.0 58.0



#14

Carbon disulfide

Concen: 5.191 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018532.D

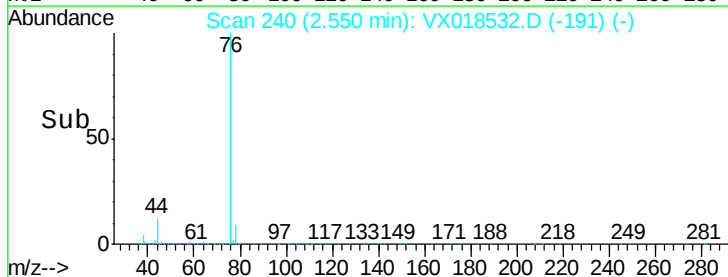
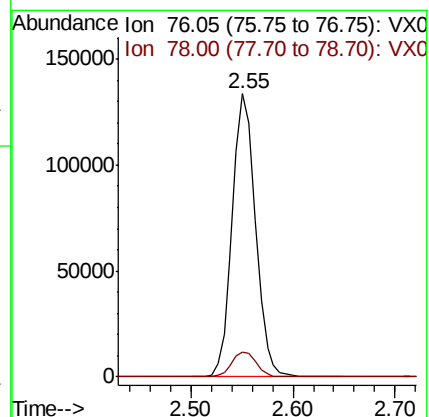
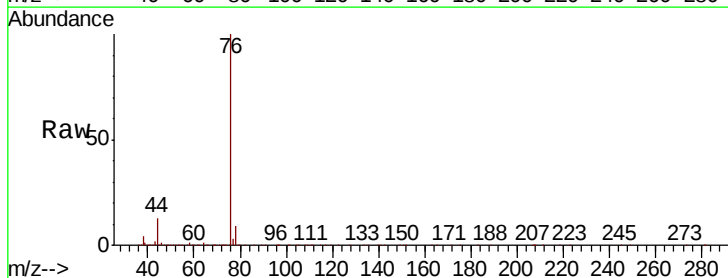
Acq: 22 Sep 2020 20:19

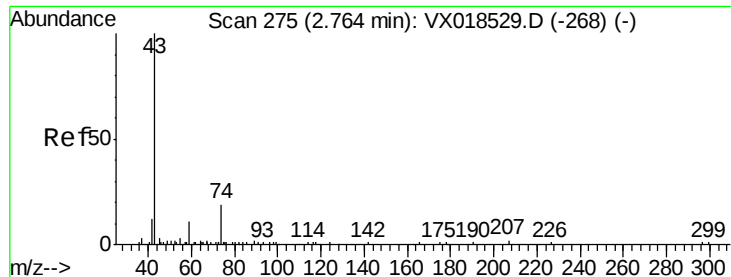
Tgt Ion: 76 Resp: 211857

Ion Ratio Lower Upper

76 100

78 8.8 8.5 12.7

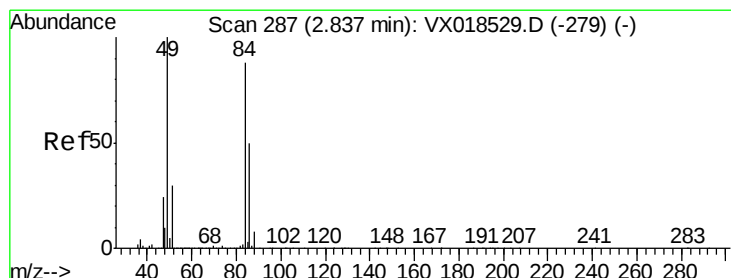
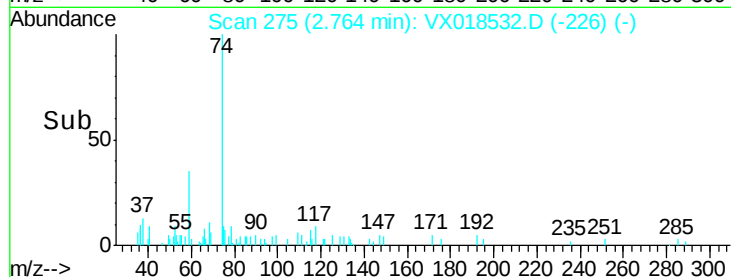
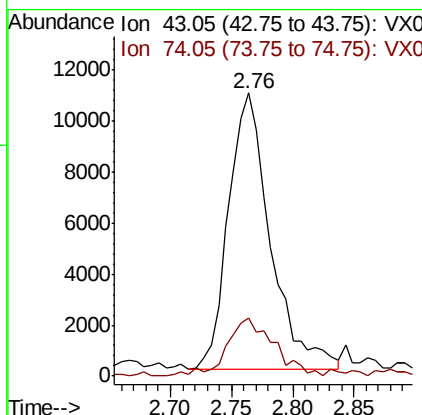
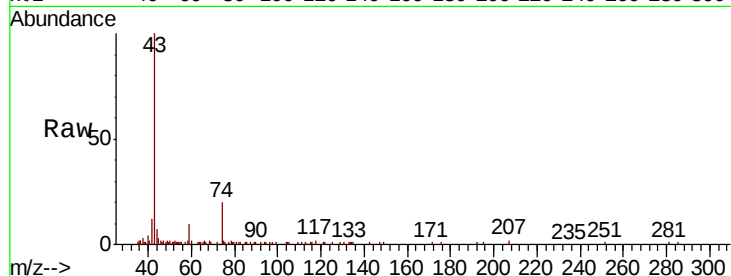




#15
Methyl Acetate
Concen: 5.076 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX018532.D
Acq: 22 Sep 2020 20:19

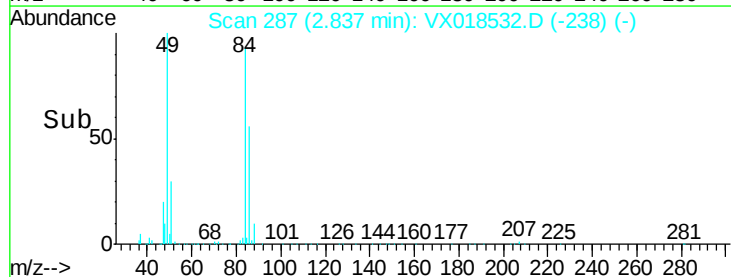
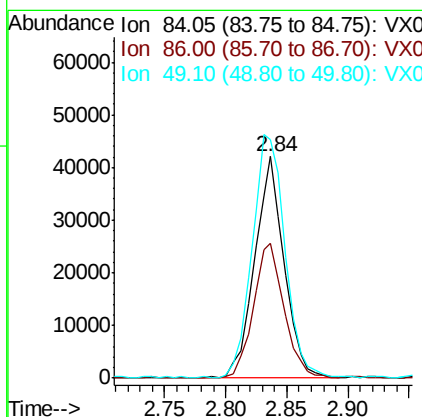
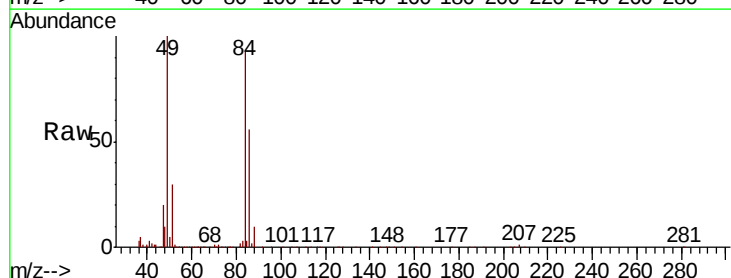
Instrument :
MSVOA_X
ClientSampled :
VICV306

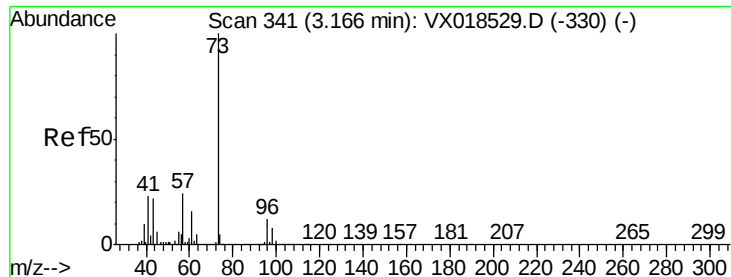
Tot Ion: 43 Resp: 25722
Ion Ratio Lower Upper
43 100
74 23.8 15.8 23.6#



#16
Methylene chloride
Concen: 4.120 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018532.D
Acq: 22 Sep 2020 20:19

Tgt Ion: 84 Resp: 71063
Ion Ratio Lower Upper
84 100
86 60.7 39.8 74.0
49 107.7 79.5 147.6



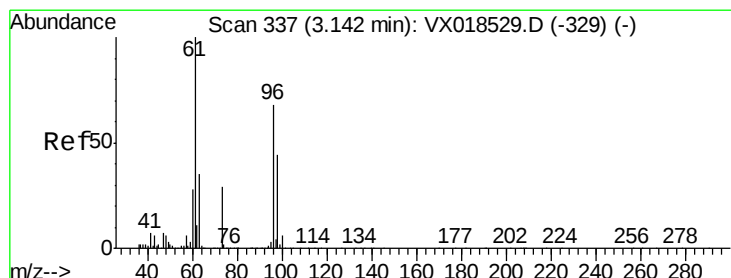
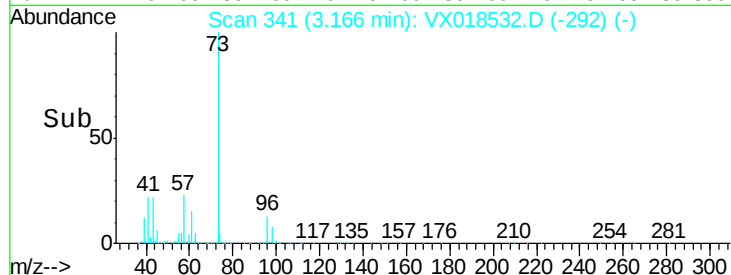
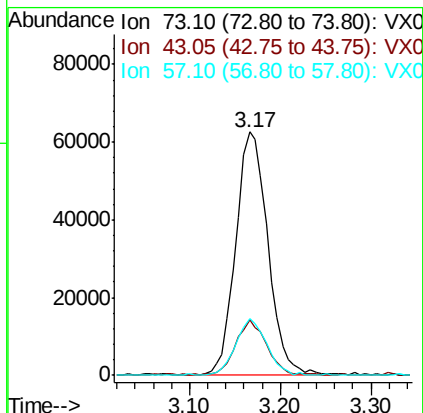
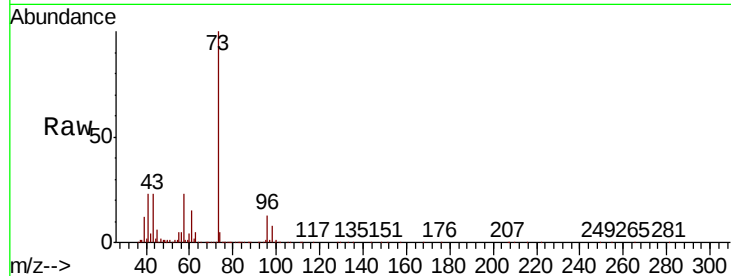


#17

Methvl tert-butvl Ether
 Concen: 5.303 ug/L
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

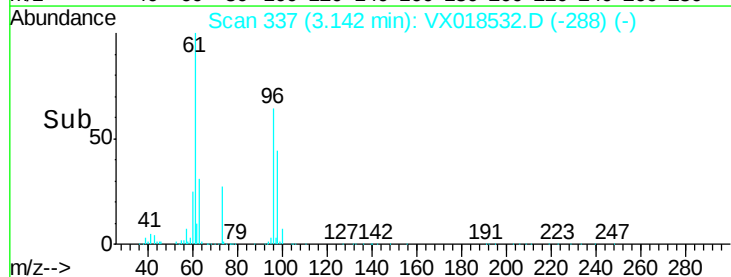
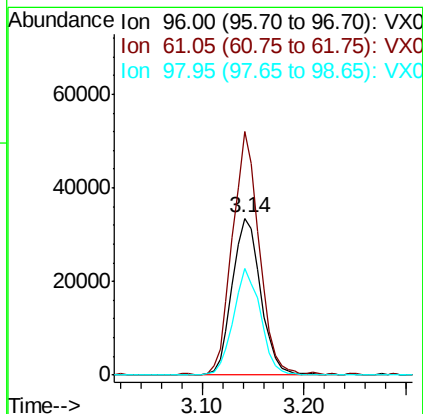
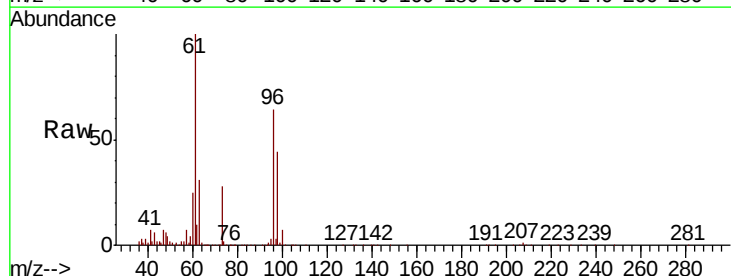
Tot Ion	Ratio	Lower	Upper
73	100		
43	21.7	18.3	27.5
57	22.8	18.0	27.0

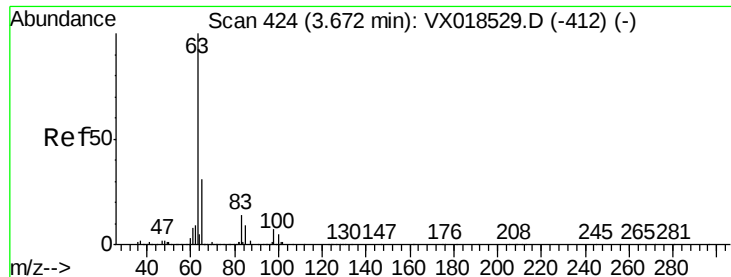


#18

trans-1,2-Dichloroethene
 Concen: 4.905 ug/L
 RT: 3.14 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.3	102.6	190.6
98	67.7	45.2	84.0

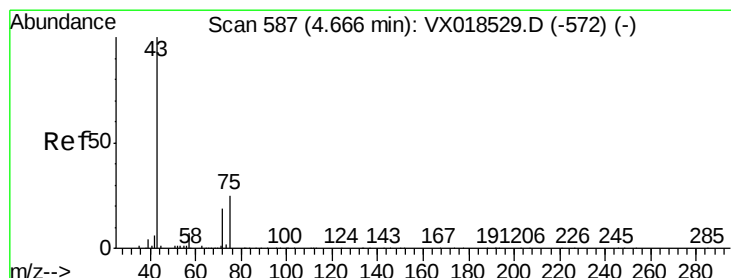
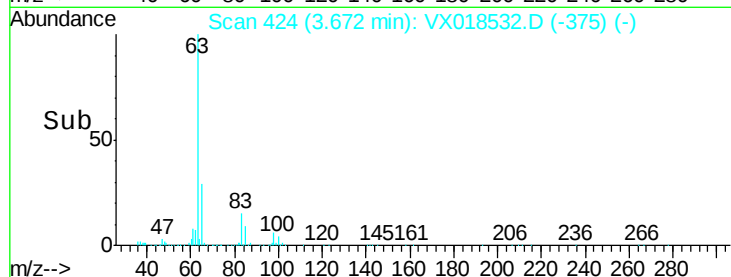
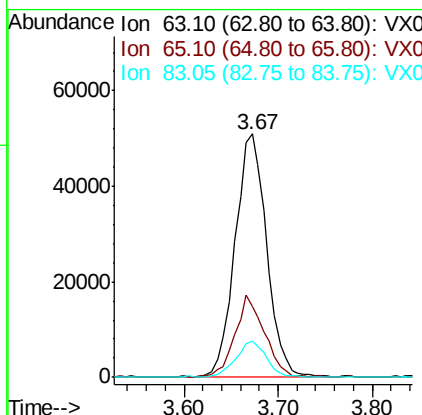
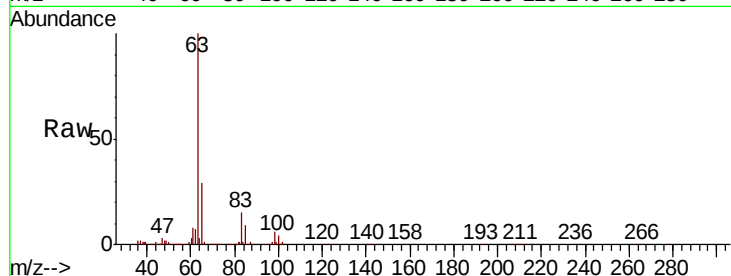




#19
 1,1-Dichloroethane
 Concen: 5.001 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

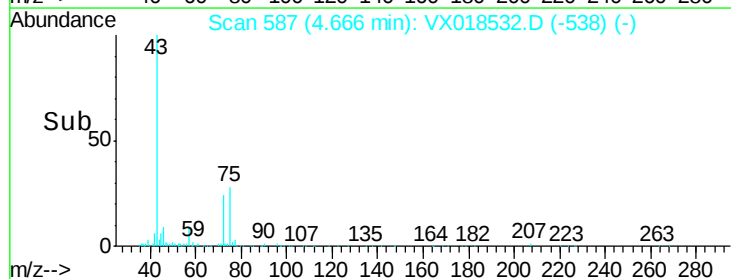
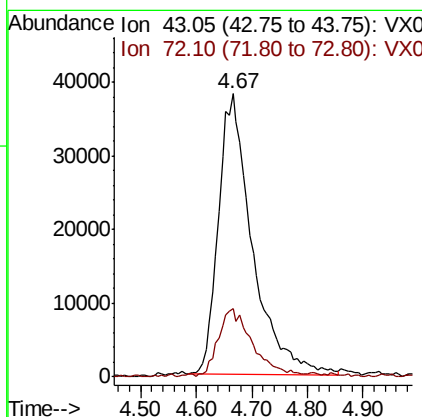
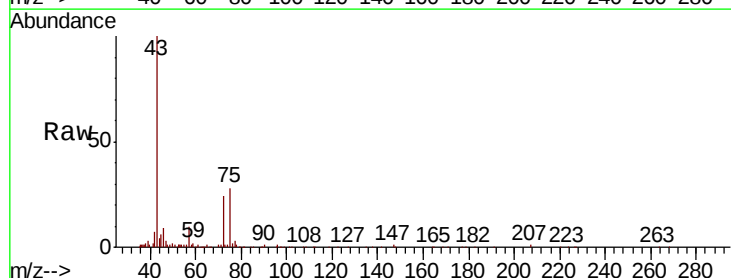
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

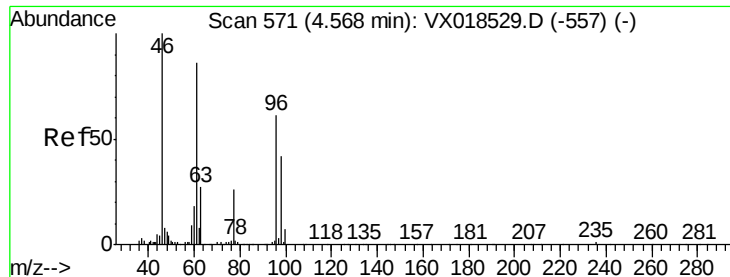
Tot Ion	Ratio	Lower	Upper
63	100		
65	29.1	21.7	40.3
83	15.0	10.0	18.6



#21
 2-Butanone
 Concen: 53.972 ug/L
 RT: 4.67 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.2	13.0	38.9



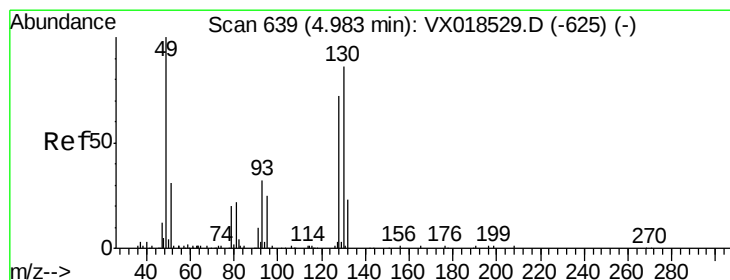
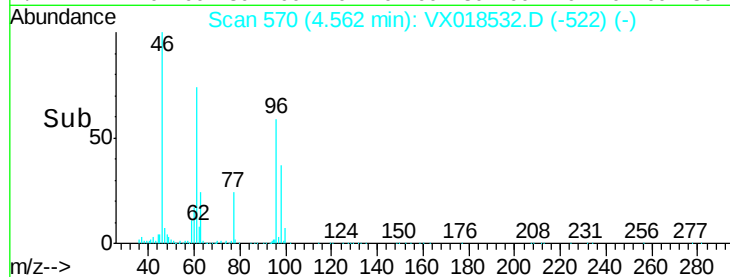
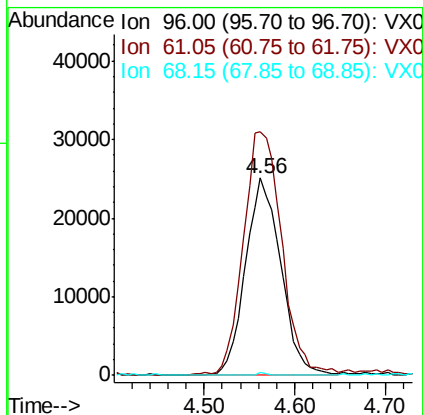
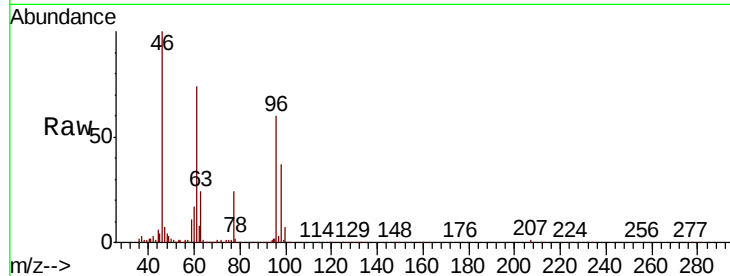


#22

cis-1,2-Dichloroethene
Concen: 4.966 ug/L
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018532.D
Acq: 22 Sep 2020 20:19

Instrument :
MSVOA_X
ClientSampleId :
VICV306

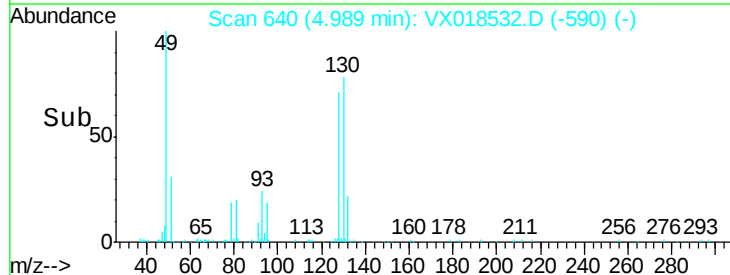
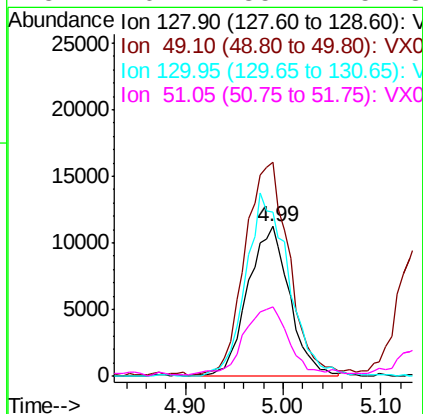
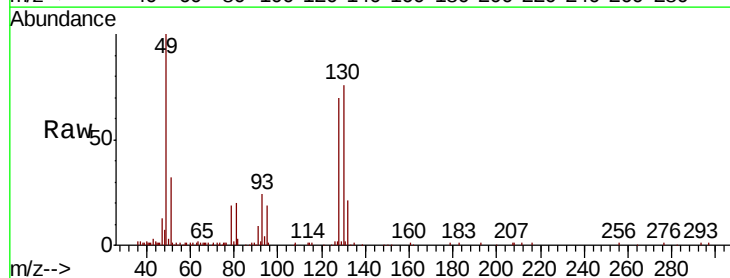
Tot Ion: 96 Resp: 68010
Ion Ratio Lower Upper
96 100
61 123.5 97.5 181.1
68 1.2 0.0 0.0#

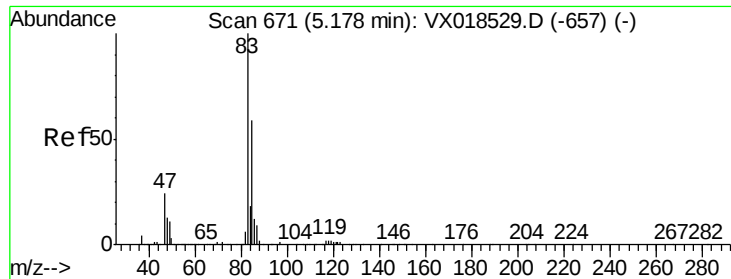


#23

Bromochloromethane
Concen: 4.930 ug/L
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX018532.D
Acq: 22 Sep 2020 20:19

Tgt Ion:128 Resp: 33170
Ion Ratio Lower Upper
128 100
49 142.8 99.6 185.0
130 109.2 83.6 155.2
51 46.2 35.2 52.8





#25

Chloroform

Concen: 4.881 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

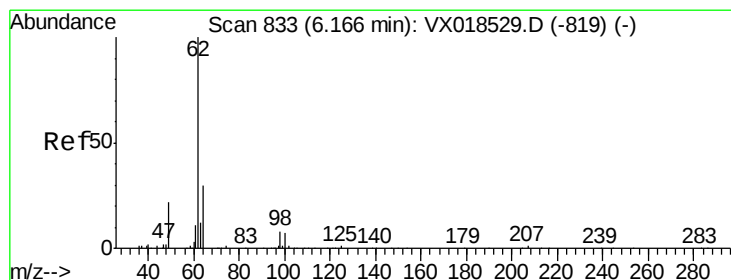
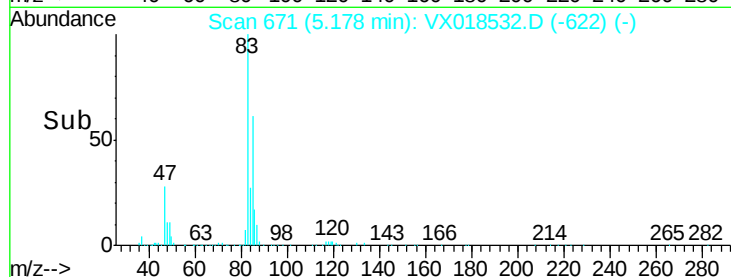
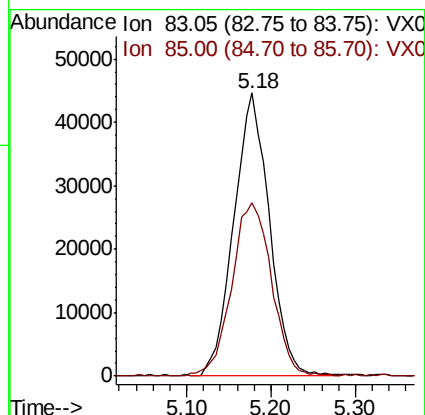
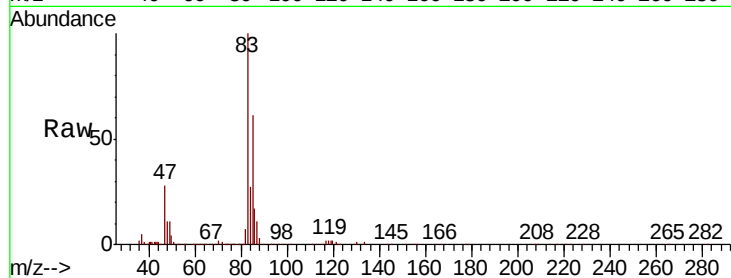
VICV306

Tot Ion: 83 Resp: 126414

Ion Ratio Lower Upper

83 100

85 61.2 41.6 77.3



#27

1,2-Dichloroethane

Concen: 5.143 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018532.D

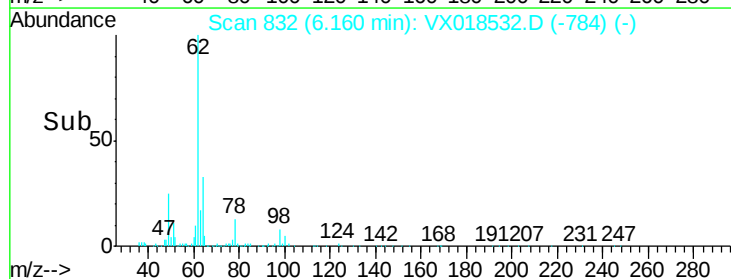
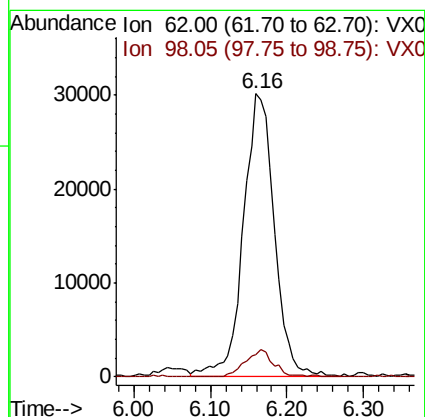
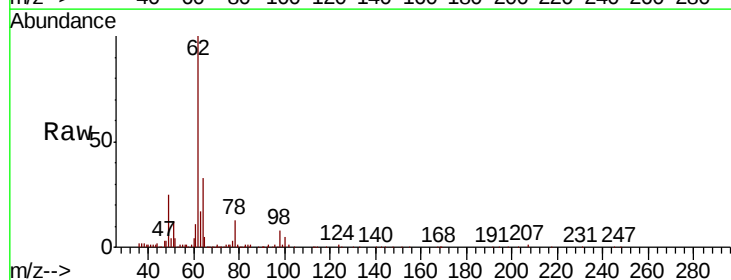
Acq: 22 Sep 2020 20:19

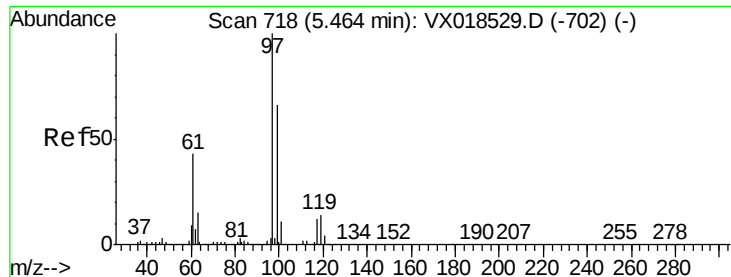
Tgt Ion: 62 Resp: 84598

Ion Ratio Lower Upper

62 100

98 8.1 6.2 9.4

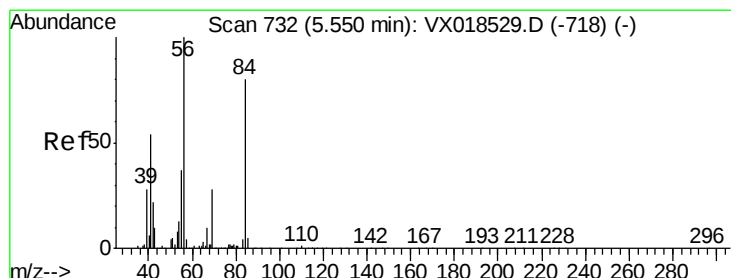
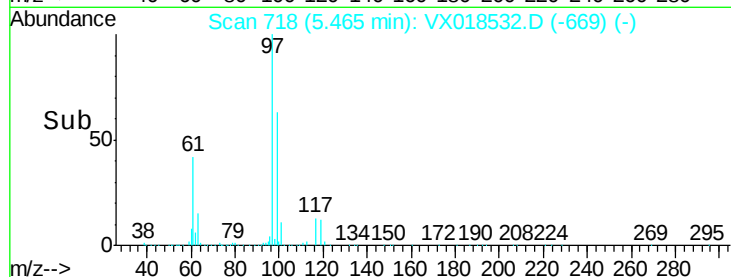
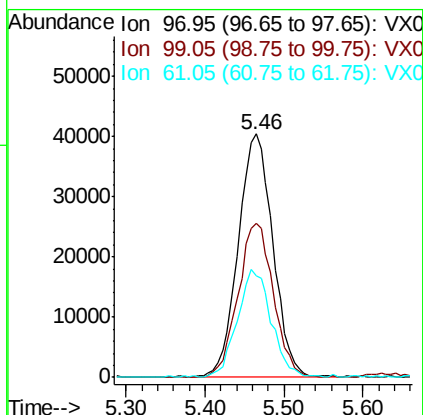
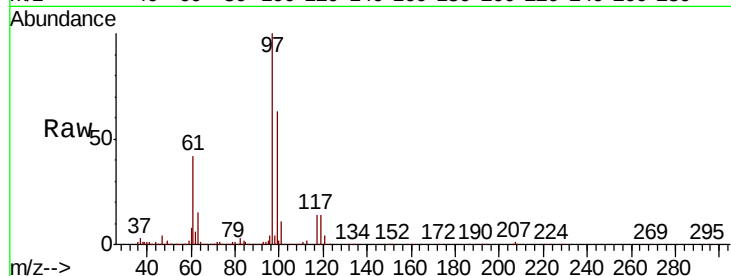




#29
 1,1,1-Trichloroethane
 Concen: 5.088 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

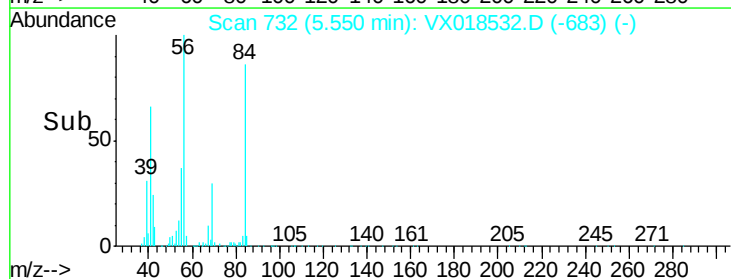
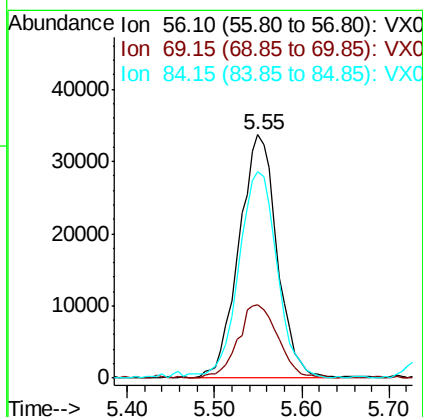
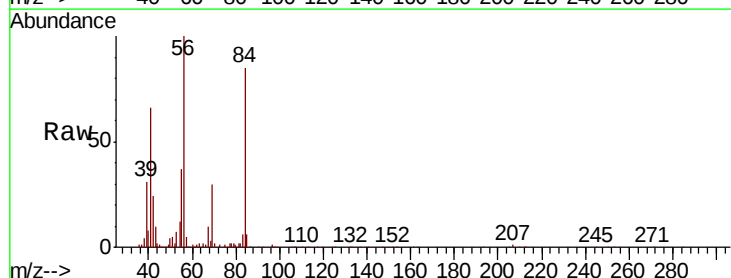
Instrument :
 MSVOA_X
 ClientSampled :
 VICV306

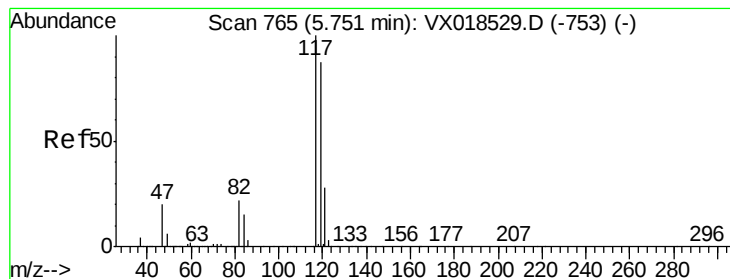
Tot Ion	Ratio	Lower	Upper
97	100		
99	64.4	53.6	80.4
61	42.2	34.8	52.2



#30
 Cyclohexane
 Concen: 5.056 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.7	37.1
84	86.1	68.6	103.0





#31

Carbon tetrachloride

Concen: 5.211 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

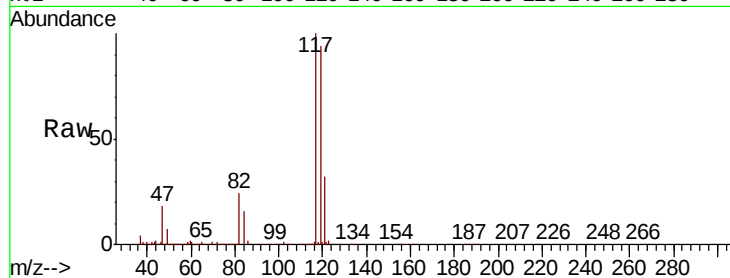
VICV306

Tot Ion:117 Resp: 113411

Ion Ratio Lower Upper

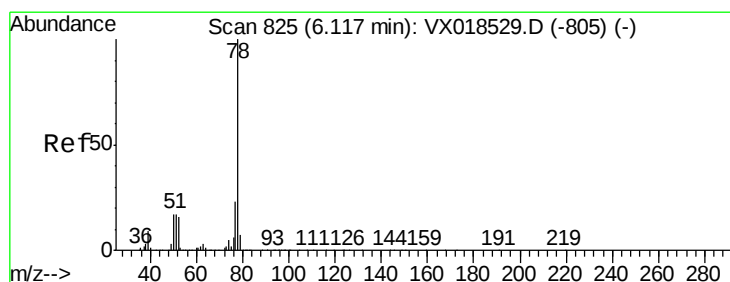
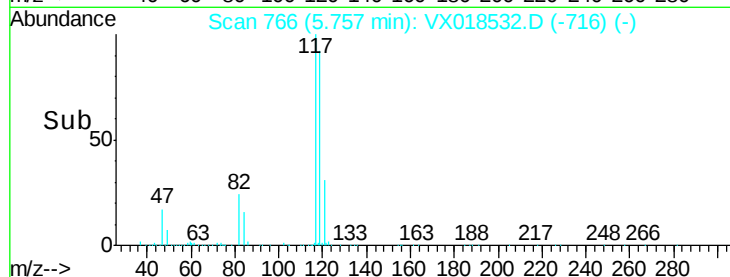
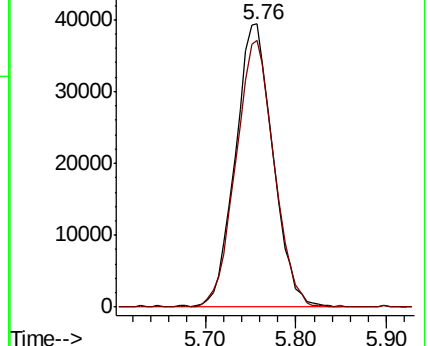
117 100

119 95.6 78.3 117.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.264 ug/L

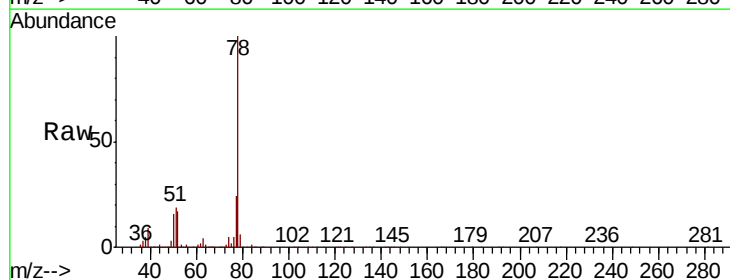
RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

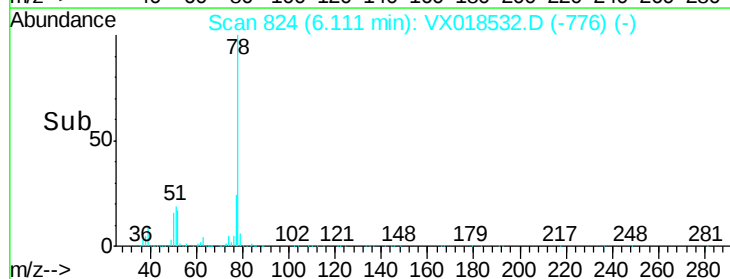
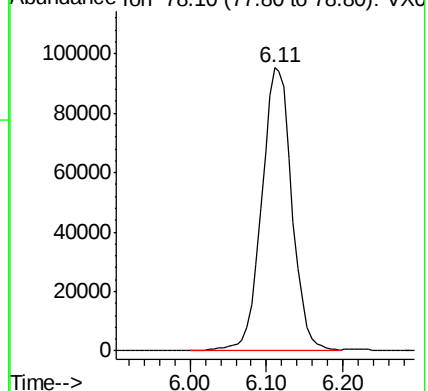
Lab File: VX018532.D

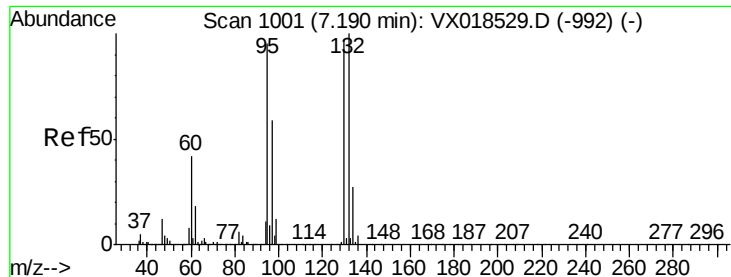
Acq: 22 Sep 2020 20:19

Tgt Ion: 78 Resp: 261541



Abundance Ion 78.10 (77.80 to 78.80): VX0

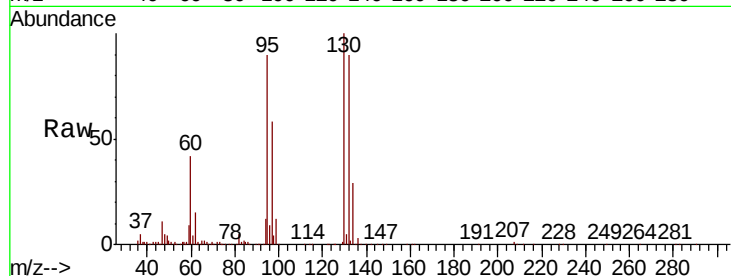




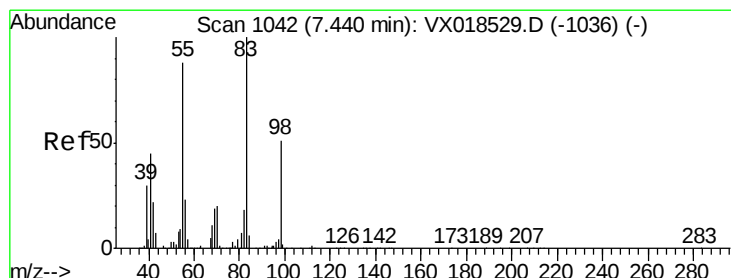
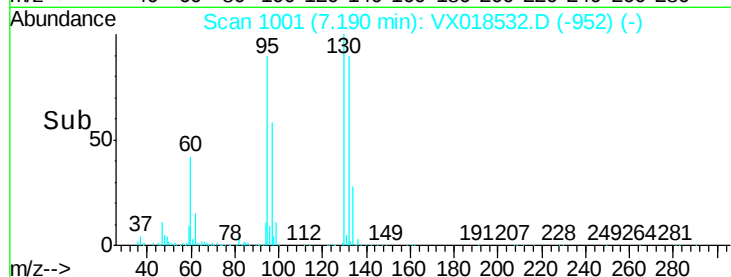
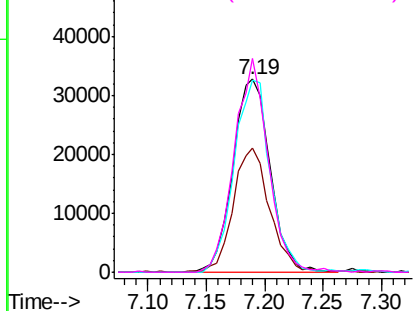
#34
 Trichloroethene
 Concen: 5.189 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

Instrument :
 MSVOA_X
 ClientSampled :
 VICV306

Tot Ion: 95 Resp: 73035
 Ion Ratio Lower Upper
 95 100
 97 64.1 44.0 81.8
 132 99.2 74.1 137.7
 130 110.7 71.7 133.1

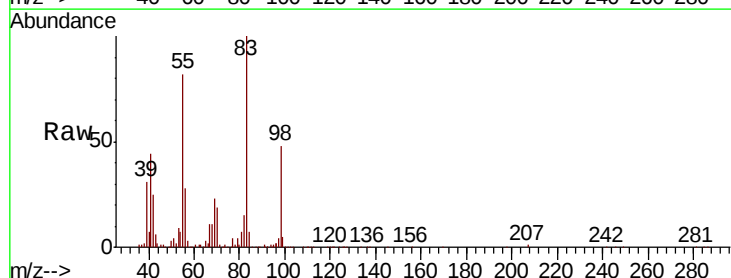


Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 96.95 (96.65 to 97.65): VX0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

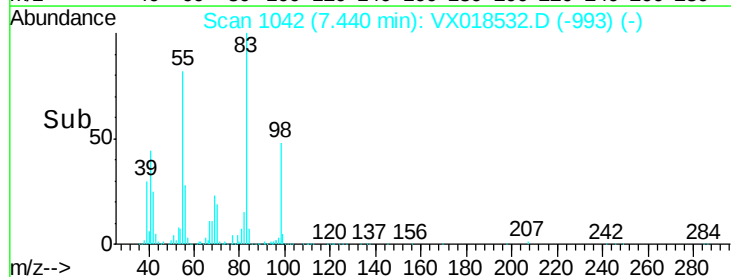
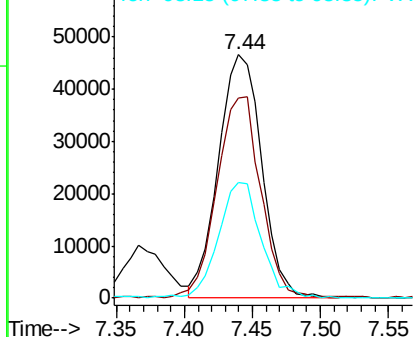


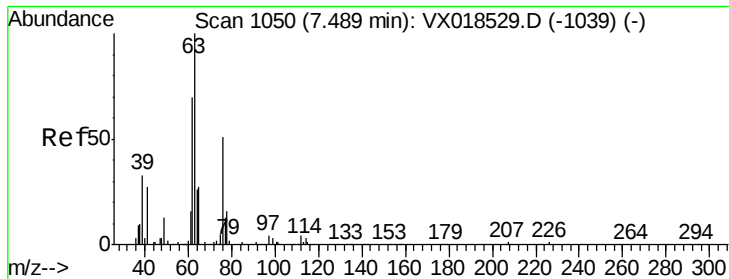
#35
 Methylcyclohexane
 Concen: 5.203 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

Tgt Ion: 83 Resp: 103317
 Ion Ratio Lower Upper
 83 100
 55 82.7 65.7 98.5
 98 47.4 37.8 56.8



Abundance Ion 83.15 (82.85 to 83.85): VX0
 Ion 55.10 (54.80 to 55.80): VX0
 Ion 98.15 (97.85 to 98.85): VX0

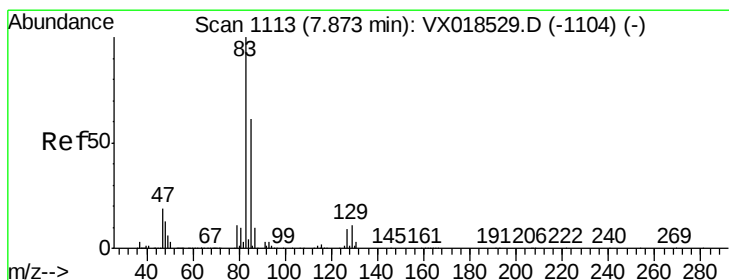
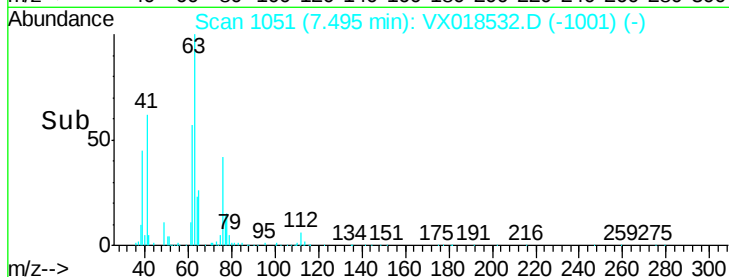
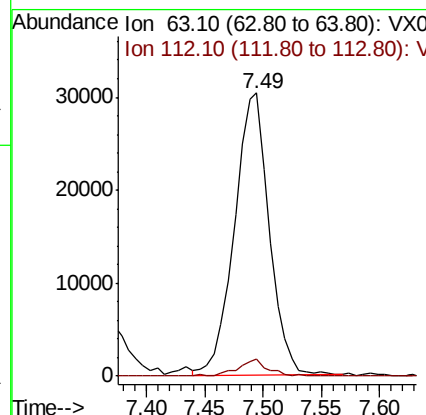
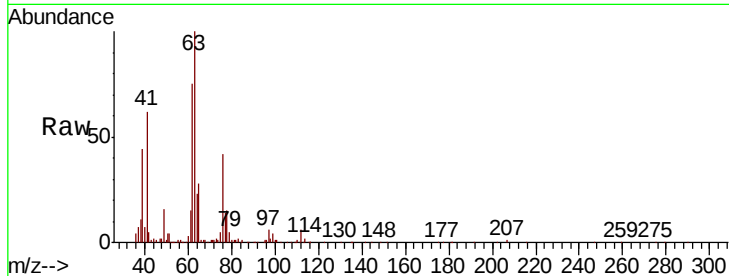




#37
 1,2-Dichloropropane
 Concen: 4.924 ug/L
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

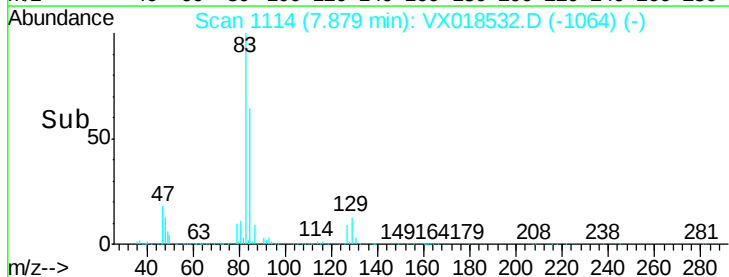
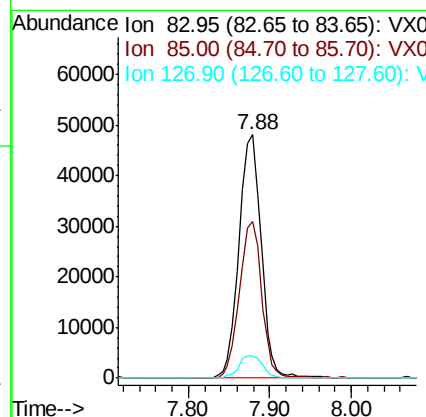
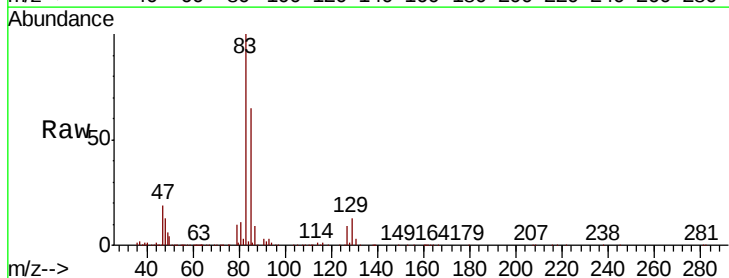
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

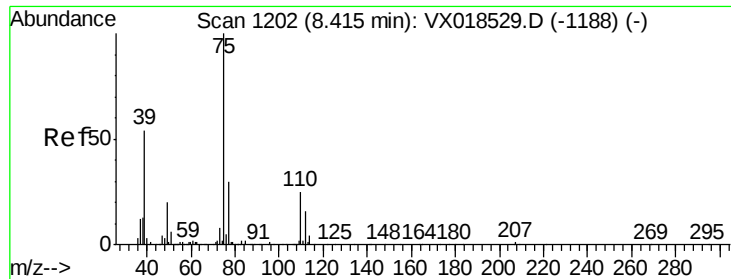
Tot Ion: 63 Resp: 63025
 Ion Ratio Lower Upper
 63 100
 112 5.1 4.1 6.1



#38
 Bromodichloromethane
 Concen: 5.082 ug/L
 RT: 7.88 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

Tgt Ion: 83 Resp: 90399
 Ion Ratio Lower Upper
 83 100
 85 64.6 42.9 79.7
 127 9.2 7.2 10.8

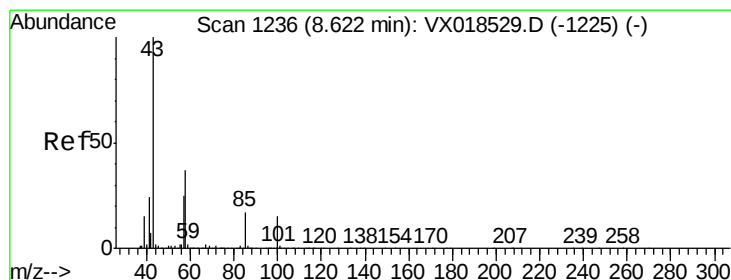
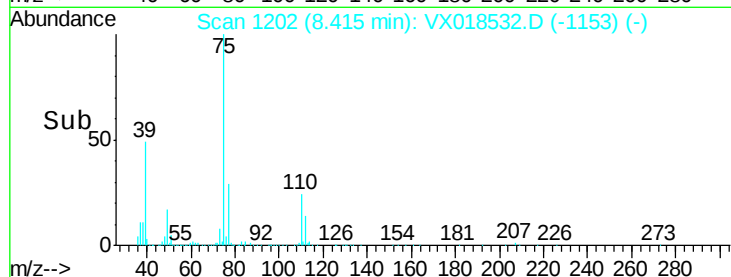
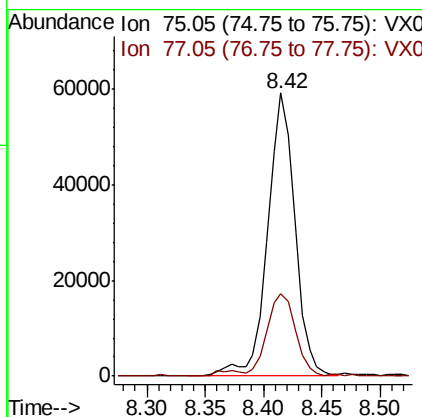
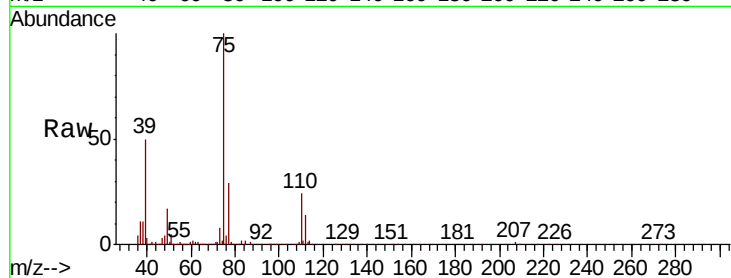




#39
 cis-1,3-Dichloropropene
 Concen: 5.091 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

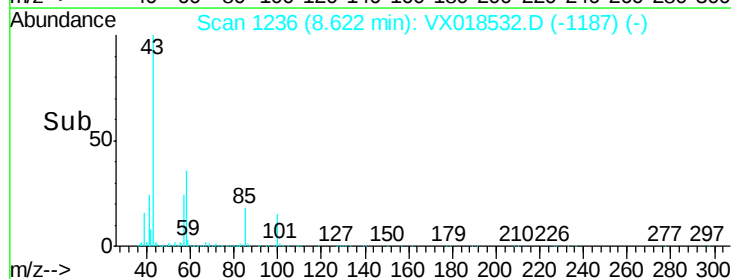
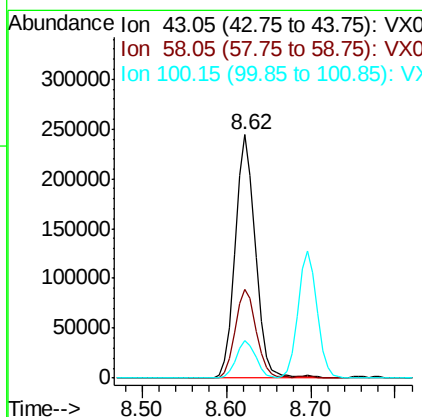
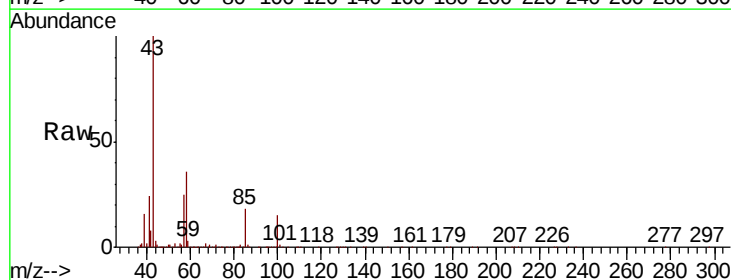
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

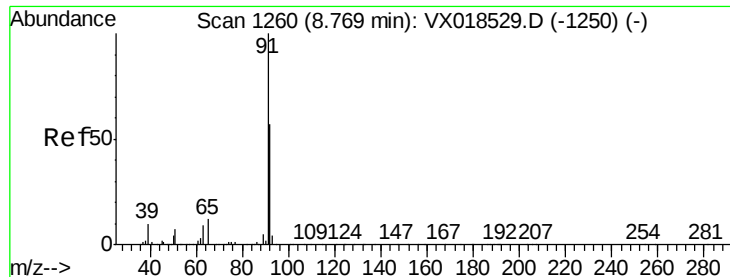
Tot Ion: 75 Resp: 95804
 Ion Ratio Lower Upper
 75 100
 77 29.2 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 55.428 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

Tgt Ion: 43 Resp: 393750
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.8 44.8
 100 15.0 11.5 17.3





#42

Toluene

Concen: 5.254 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

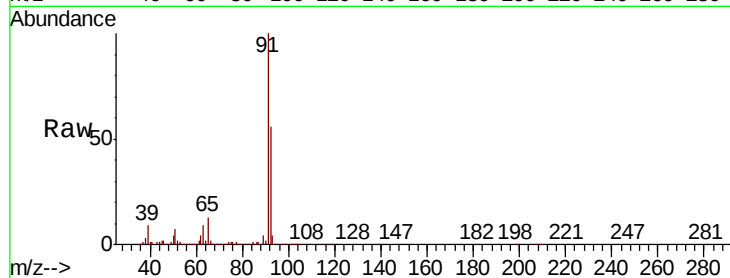
VICV306

Tot Ion: 91 Resp: 279919

Ion Ratio Lower Upper

91 100

92 56.4 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.77

200000

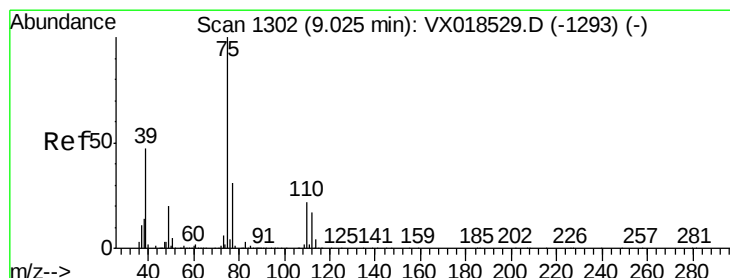
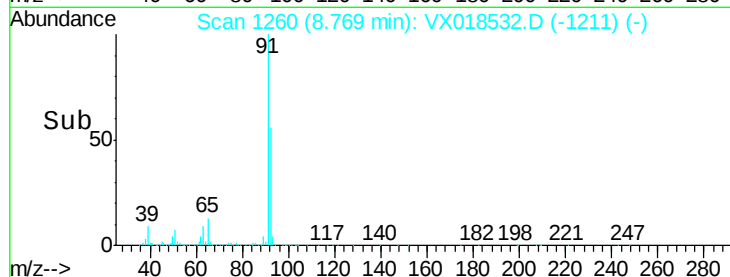
150000

100000

50000

0

Time--> 8.70 8.80 8.90



#44

trans-1,3-Dichloropropene

Concen: 5.160 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018532.D

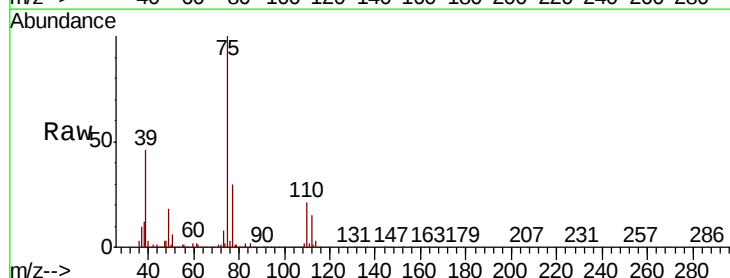
Acq: 22 Sep 2020 20:19

Tgt Ion: 75 Resp: 87563

Ion Ratio Lower Upper

75 100

77 30.2 22.0 41.0



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

9.02

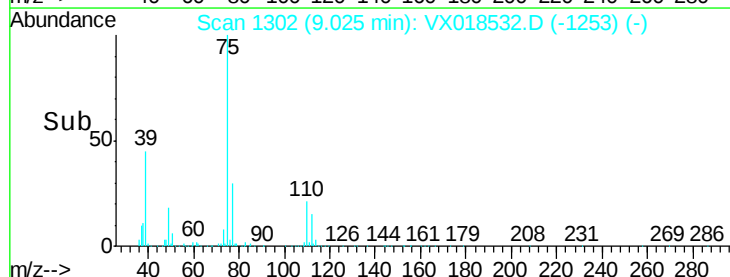
60000

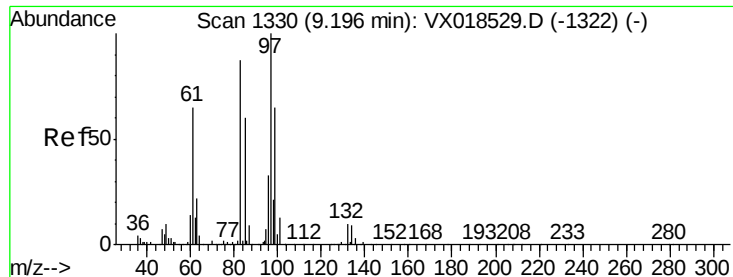
40000

20000

0

Time--> 8.90 8.95 9.00 9.05 9.10

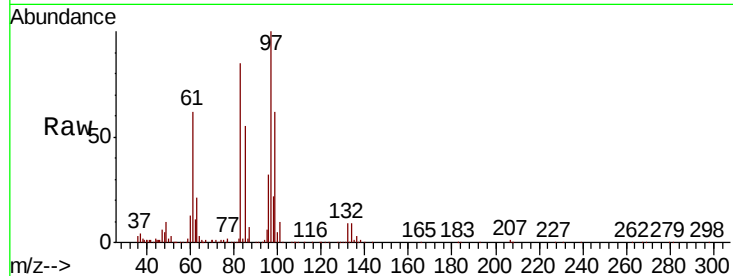




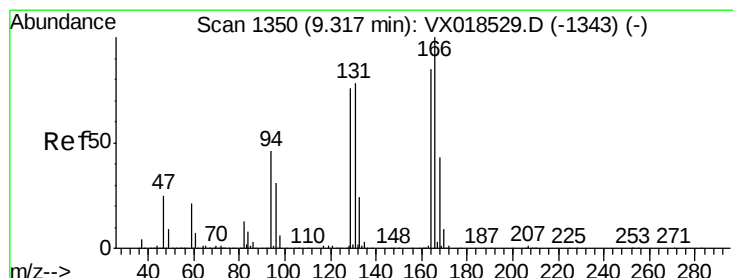
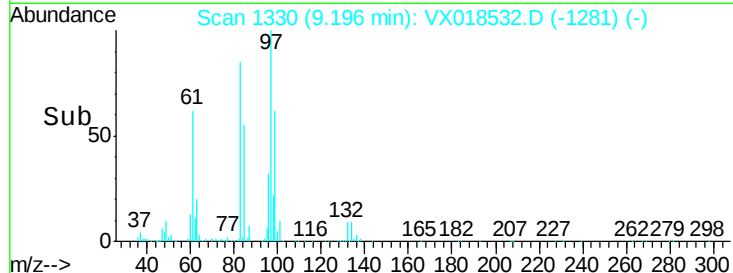
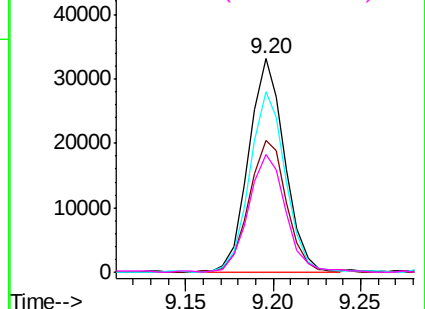
#45
 1,1,2-Trichloroethane
 Concen: 5.172 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

Tot Ion:	97	Resp:	47584
Ion	Ratio	Lower	Upper
97	100		
99	61.6	45.2	84.0
83	84.6	60.9	113.1
85	55.3	41.9	77.7

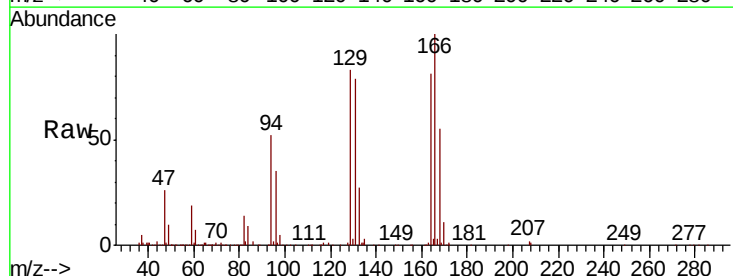


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 85.00 (84.70 to 85.70): VX0

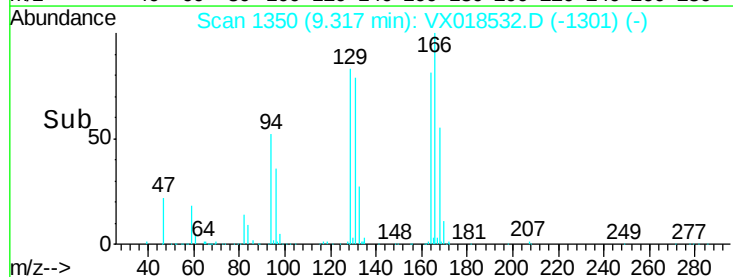
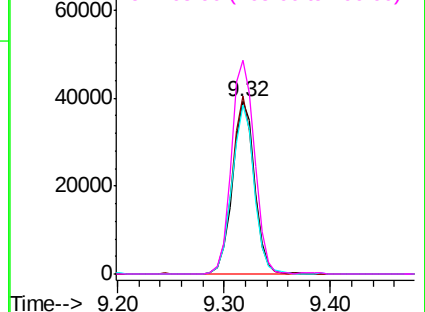


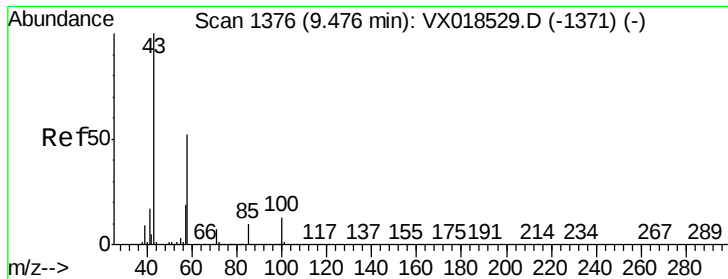
#47
 Tetrachloroethene
 Concen: 4.939 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

Tgt Ion:	164	Resp:	57735
Ion	Ratio	Lower	Upper
164	100		
129	103.1	62.3	115.7
131	98.2	64.5	119.7
166	124.0	82.5	153.1



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

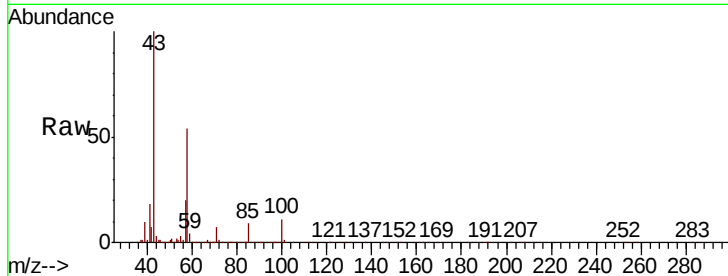




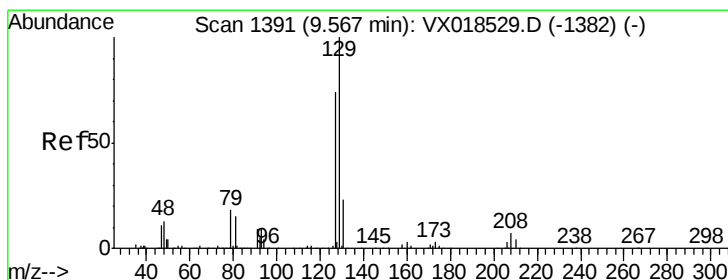
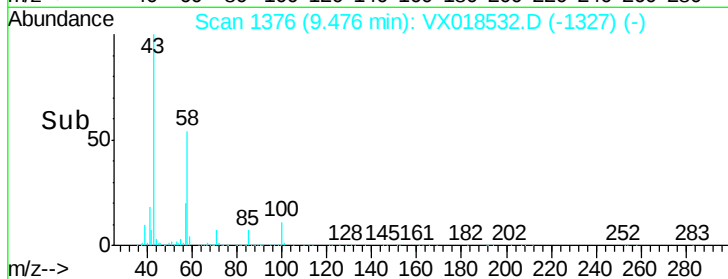
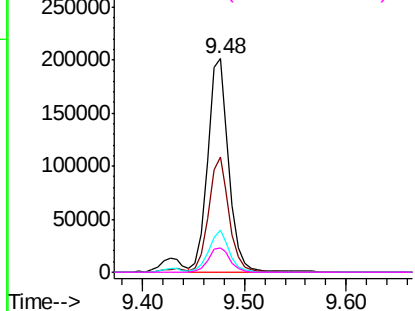
#48
2-Hexanone
Concen: 55.619 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018532.D
Acq: 22 Sep 2020 20:19

Instrument :
MSVOA_X
ClientSampleId :
VICV306

Tot Ion:	43	Resp:	288821
Ion	Ratio	Lower	Upper
43	100		
58	52.1	41.5	62.3
57	18.9	15.4	23.0
100	11.8	9.4	14.0

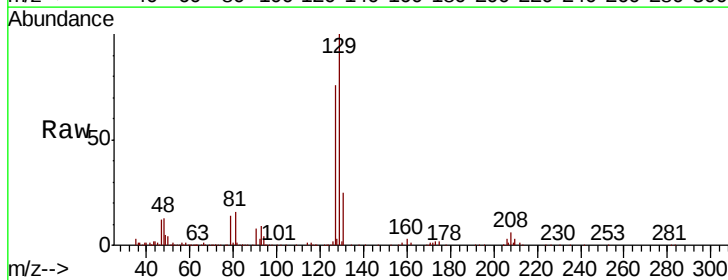


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

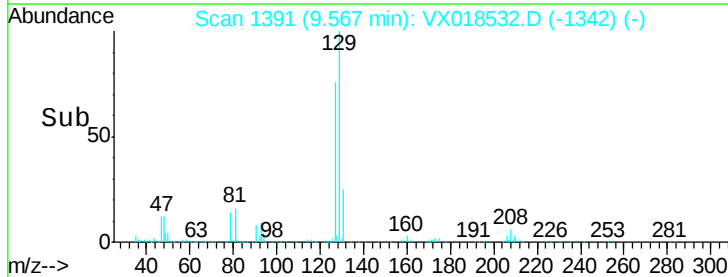
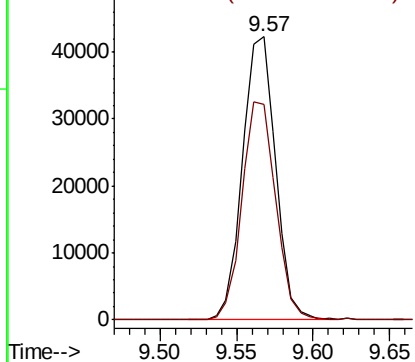


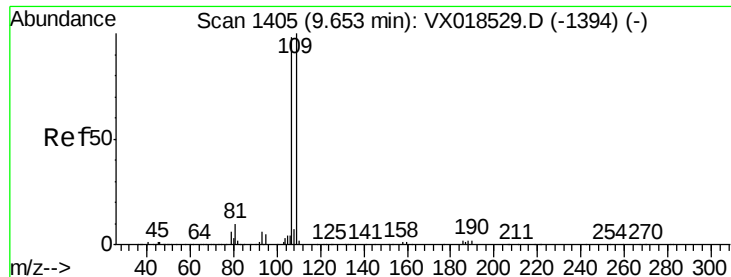
#49
Dibromochloromethane
Concen: 5.218 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018532.D
Acq: 22 Sep 2020 20:19

Tgt Ion:	129	Resp:	63511
Ion	Ratio	Lower	Upper
129	100		
127	76.3	51.6	95.8



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

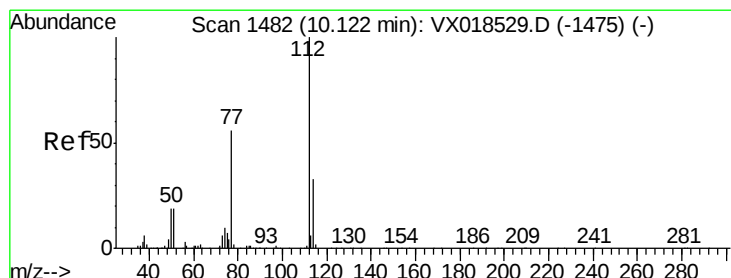
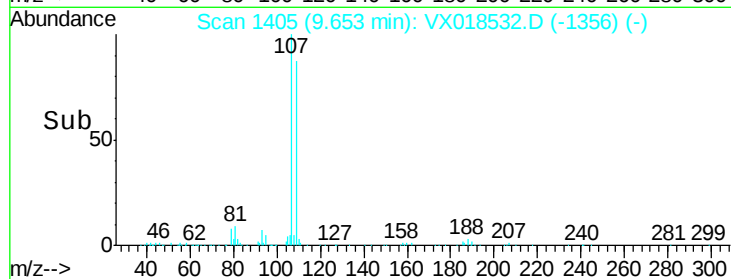
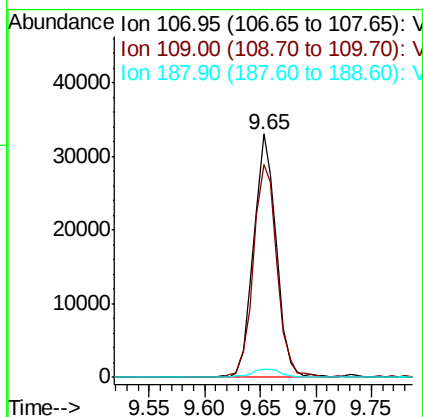
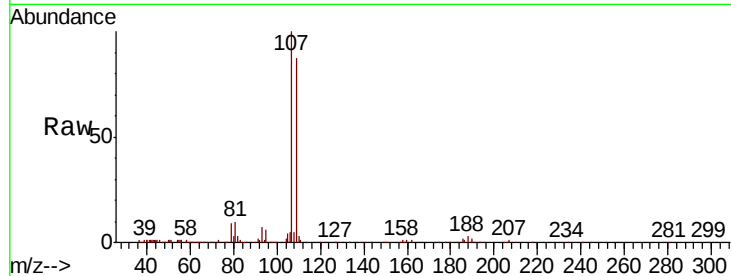




#50
1,2-Dibromoethane
Concen: 5.374 ug/L
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX018532.D
Acq: 22 Sep 2020 20:19

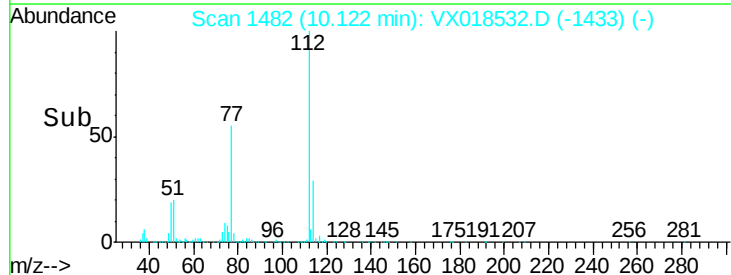
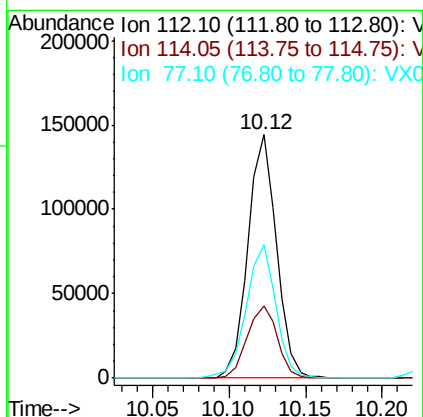
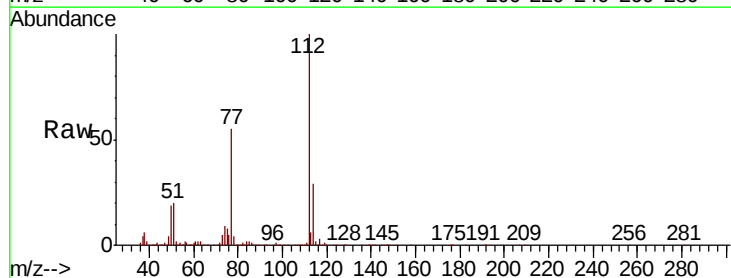
Instrument :
MSVOA_X
ClientSampleId :
VICV306

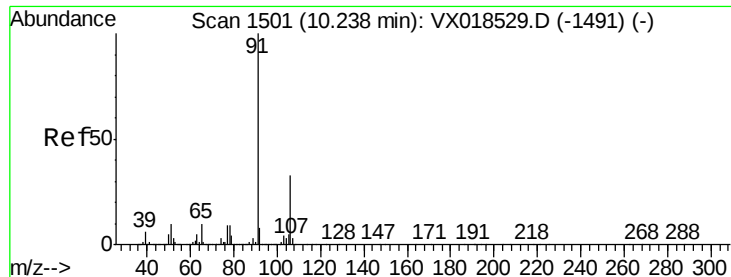
Tot Ion:107 Resp: 47083
Ion Ratio Lower Upper
107 100
109 87.2 71.2 132.2
188 3.3 1.9 2.9#



#51
Chlorobenzene
Concen: 5.323 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018532.D
Acq: 22 Sep 2020 20:19

Tgt Ion:112 Resp: 187281
Ion Ratio Lower Upper
112 100
114 29.4 23.1 42.9
77 54.8 44.9 67.3





#52

Ethylbenzene

Concen: 5.327 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

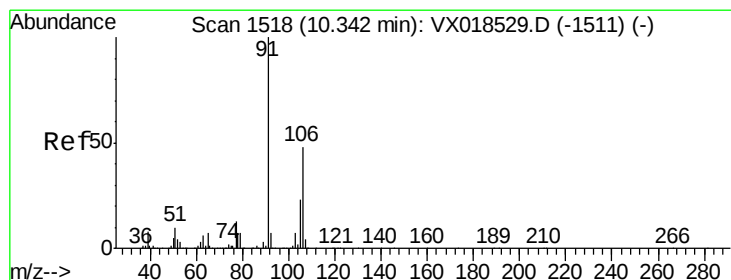
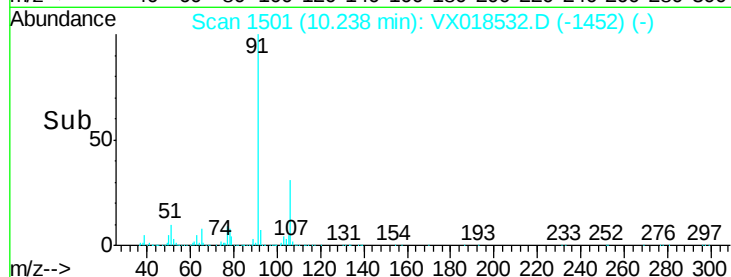
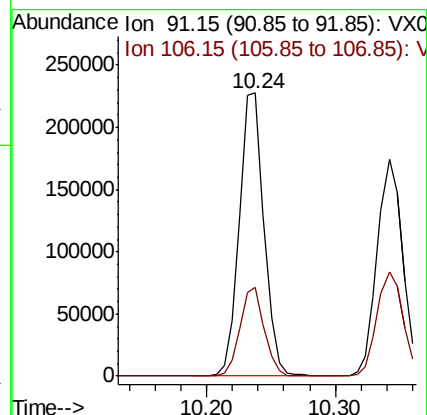
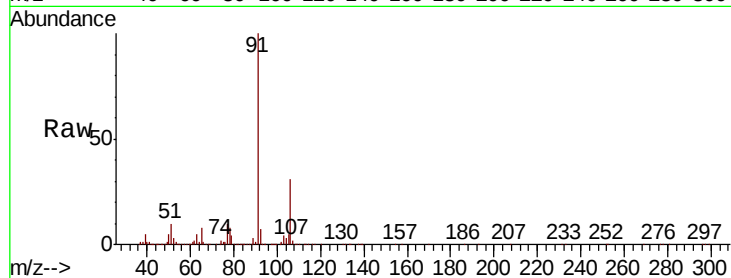
VICV306

Tot Ion: 91 Resp: 305038

Ion Ratio Lower Upper

91 100

106 31.4 23.3 43.3



#53

m,p-xylene

Concen: 5.367 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018532.D

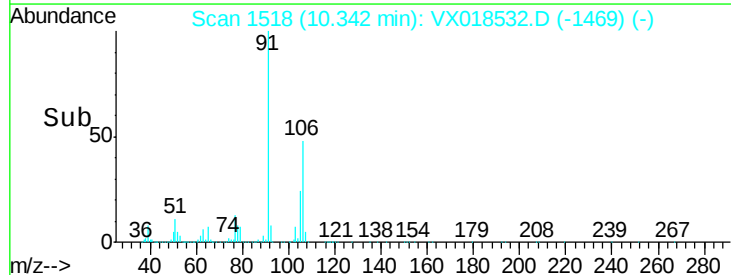
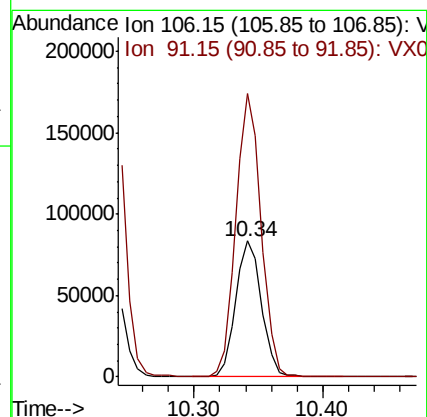
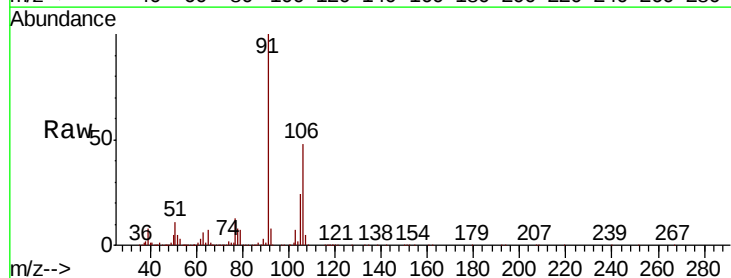
Acq: 22 Sep 2020 20:19

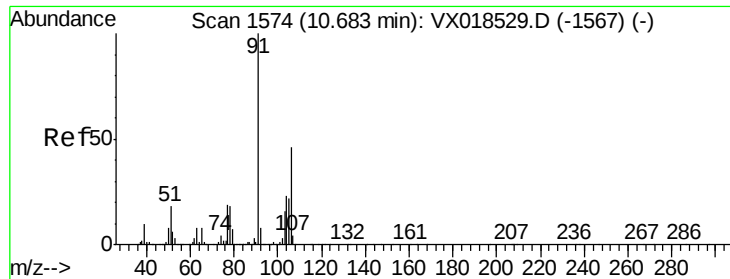
Tgt Ion: 106 Resp: 117762

Ion Ratio Lower Upper

106 100

91 208.0 146.8 272.6





#54

o-xylene

Concen: 5.462 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

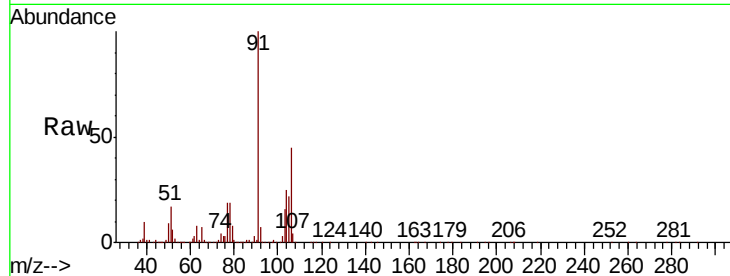
VICV306

Tot Ion:106 Resp: 111488

Ion Ratio Lower Upper

106 100

91 220.0 150.9 280.3



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

200000

150000

100000

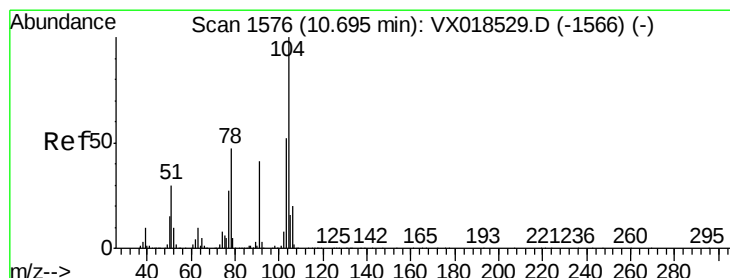
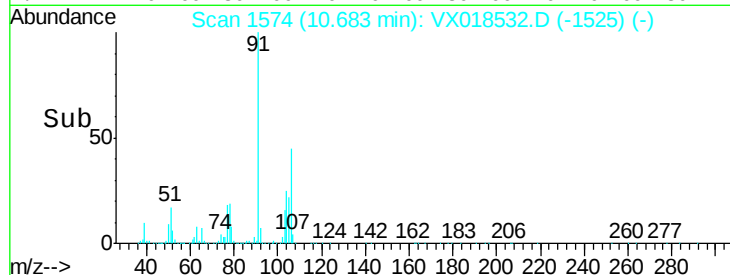
50000

0

10.60

10.70

Time-->



#55

Styrene

Concen: 5.500 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018532.D

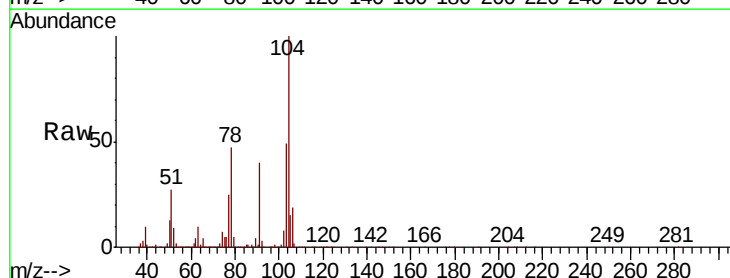
Acq: 22 Sep 2020 20:19

Tgt Ion:104 Resp: 191441

Ion Ratio Lower Upper

104 100

78 47.4 33.0 61.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0

150000

100000

50000

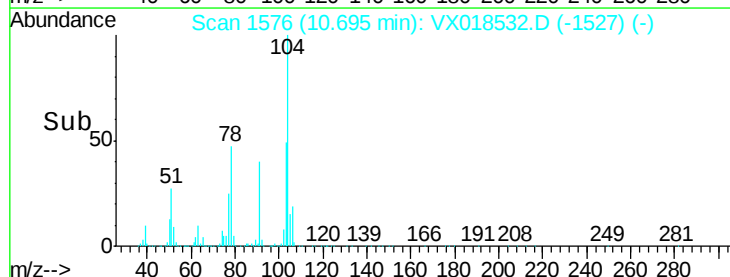
0

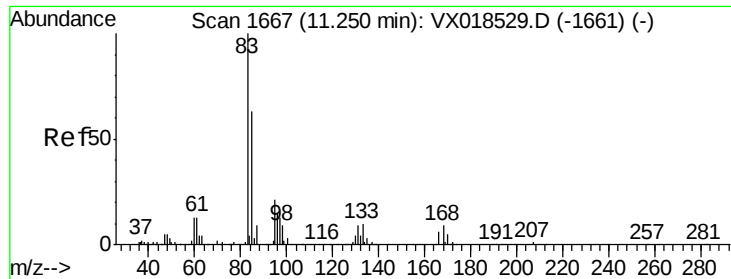
10.60

10.70

10.80

Time-->





#57

1,1,2,2-Tetrachloroethane

Concen: 5.370 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampled :

VICV306

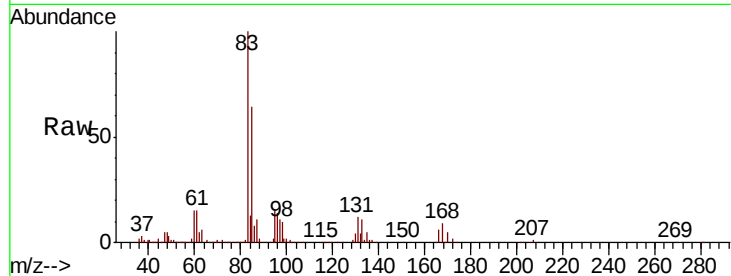
Tot Ion: 83 Resp: 56128

Ion Ratio Lower Upper

83 100

85 63.8 44.4 82.4

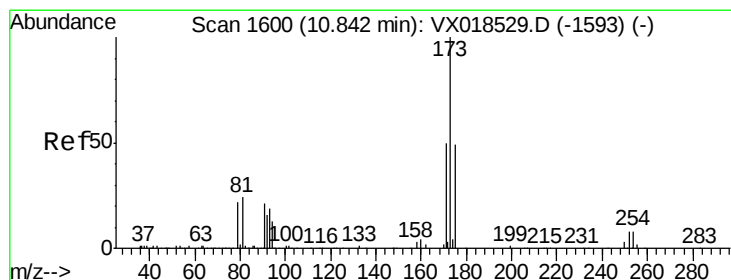
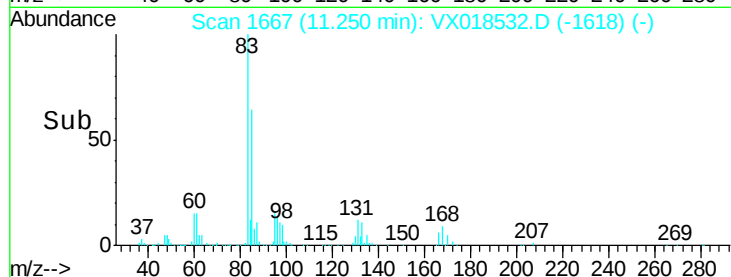
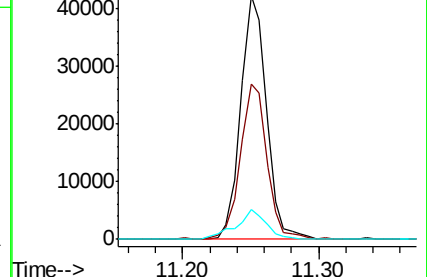
131 12.2 7.4 11.0#



Abundance Ion 82.95 (82.65 to 83.65): VX018529.D (-1661) (-)

Ion 85.00 (84.70 to 85.70): VX018529.D (-1661) (-)

Ion 130.95 (130.65 to 131.65): VX018529.D (-1661) (-)



#59

Bromoform

Concen: 4.700 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

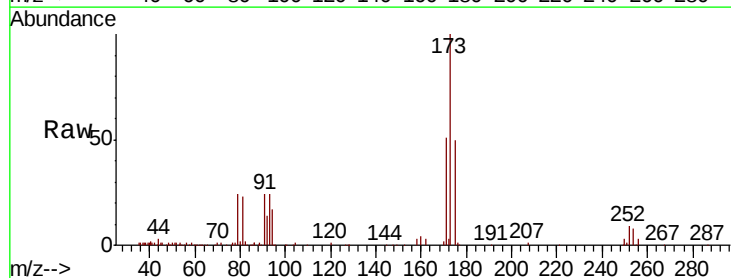
Tgt Ion: 173 Resp: 35336

Ion Ratio Lower Upper

173 100

175 51.0 39.8 59.8

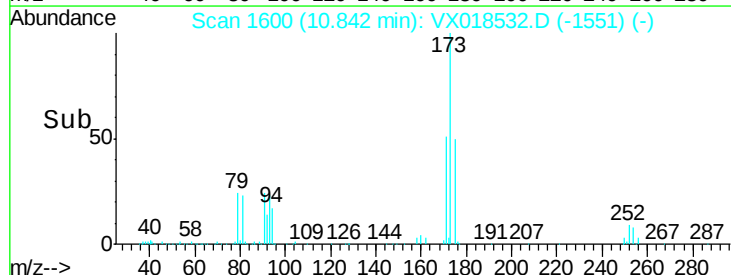
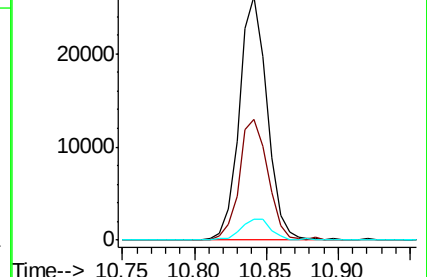
254 9.2 7.5 11.3

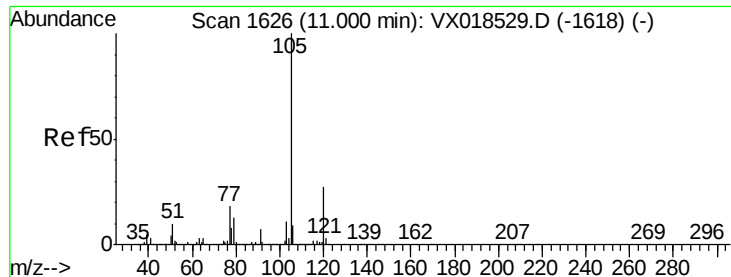


Abundance Ion 172.90 (172.60 to 173.60): VX018529.D (-1593) (-)

Ion 174.90 (174.60 to 175.60): VX018529.D (-1593) (-)

Ion 253.75 (253.45 to 254.45): VX018529.D (-1593) (-)





#60

Isopropylbenzene

Concen: 5.314 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

VICV306

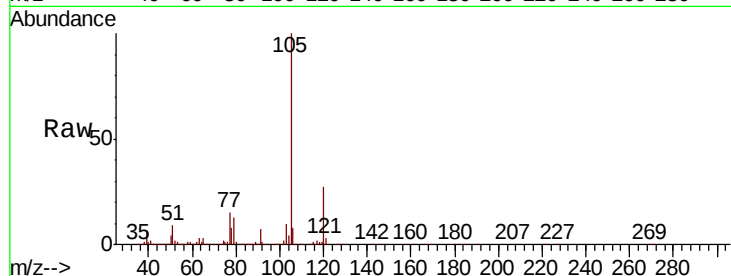
Tot Ion:105 Resp: 304387

Ion Ratio Lower Upper

105 100

120 26.7 21.8 32.8

77 16.0 13.1 19.7

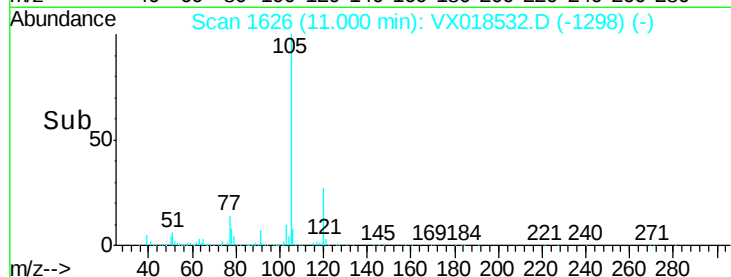


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

Time--> 10.90 11.00 11.10

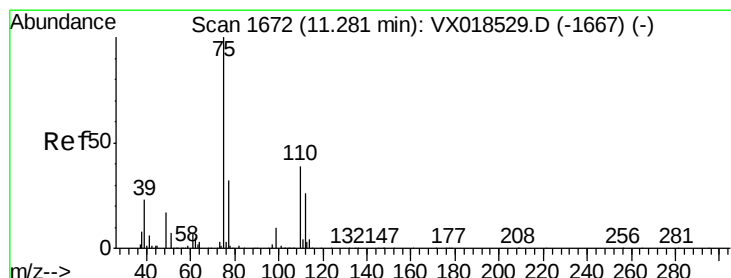


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

Time--> 10.90 11.00 11.10



#61

1,2,3-Trichloropropane

Concen: 4.823 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

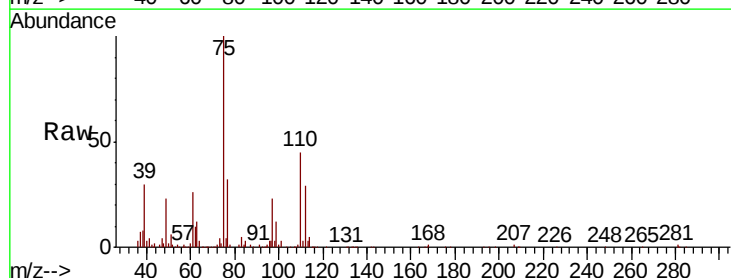
Tgt Ion: 75 Resp: 41315

Ion Ratio Lower Upper

75 100

77 36.6 27.1 40.7

110 41.8 32.4 48.6

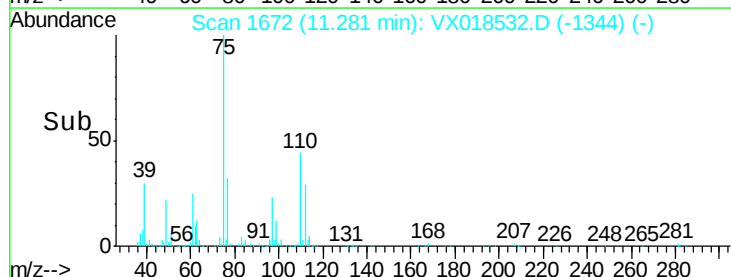


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V

Time--> 11.25 11.30

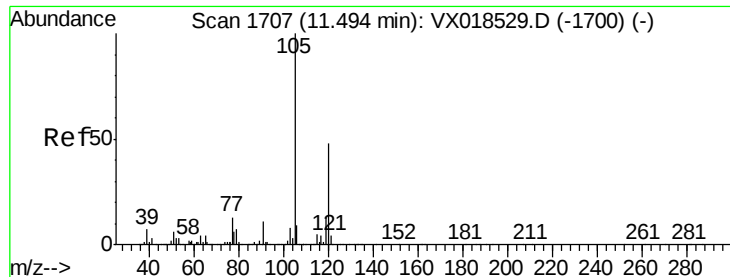


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V

Time--> 11.25 11.30



#62

1,3,5-Trimethylbenzene

Concen: 5.228 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

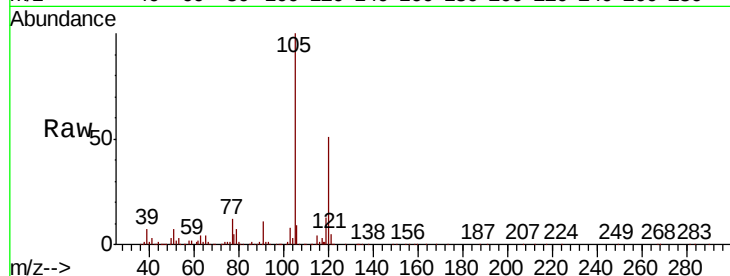
VICV306

Tot Ion:105 Resp: 243056

Ion Ratio Lower Upper

105 100

120 49.8 39.3 58.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

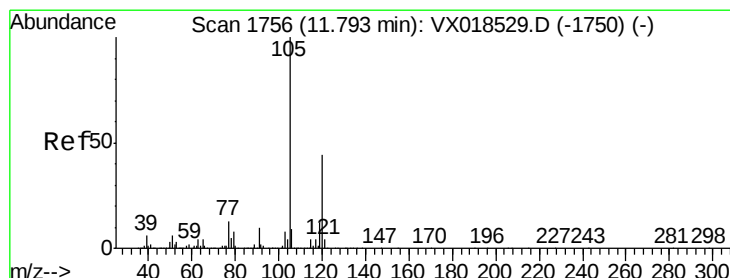
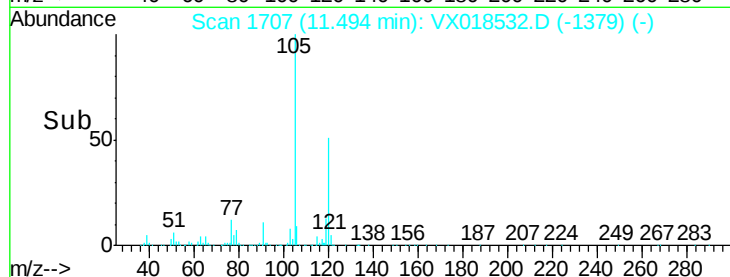
100000

50000

0

11.45 11.50 11.55

Time-->



#63

1,2,4-Trimethylbenzene

Concen: 5.371 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018532.D

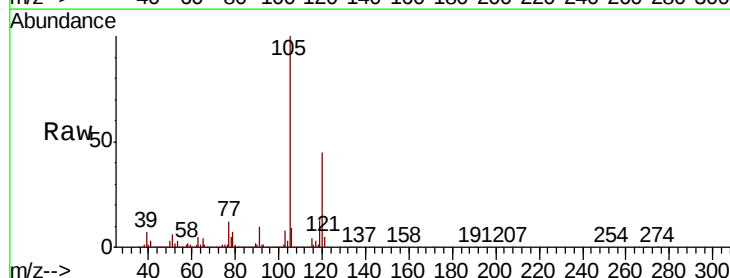
Acq: 22 Sep 2020 20:19

Tgt Ion:105 Resp: 253673

Ion Ratio Lower Upper

105 100

120 45.0 36.2 54.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

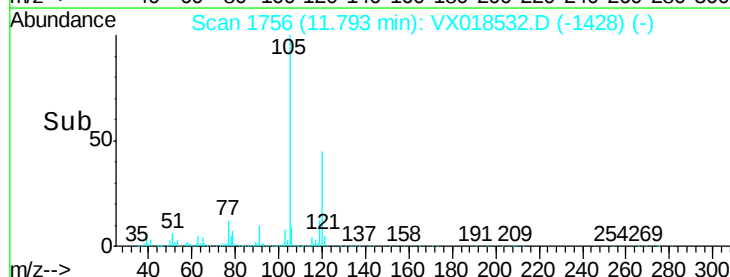
100000

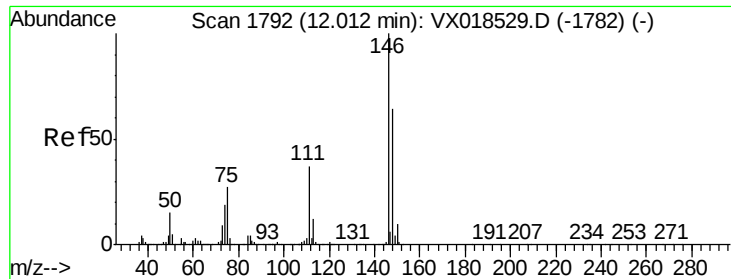
50000

0

11.70 11.75 11.80 11.85

Time-->





#64

1,3-Dichlorobenzene

Concen: 5.156 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampleId :

VICV306

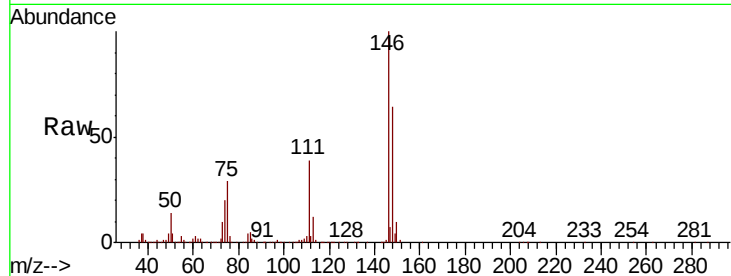
Tot Ion:146 Resp: 150732

Ion Ratio Lower Upper

146 100

111 39.2 25.7 47.7

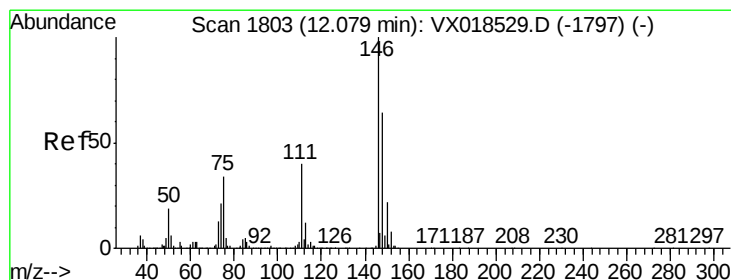
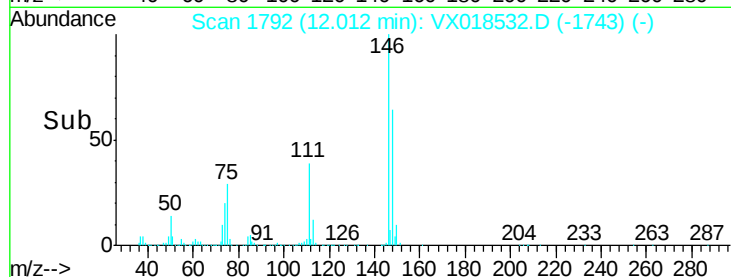
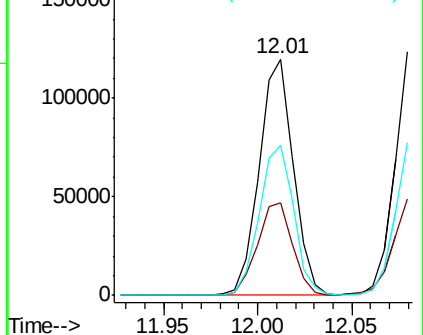
148 63.6 44.9 83.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,4-Dichlorobenzene

Concen: 5.087 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

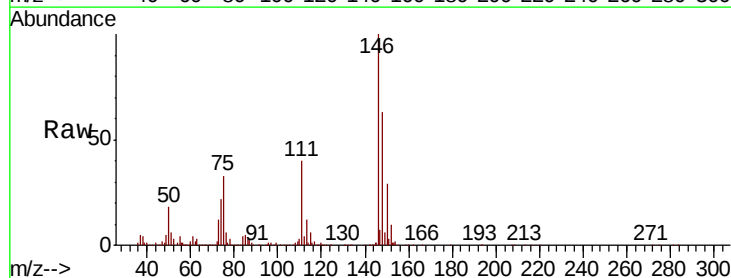
Tgt Ion:146 Resp: 151616

Ion Ratio Lower Upper

146 100

111 39.6 27.9 51.9

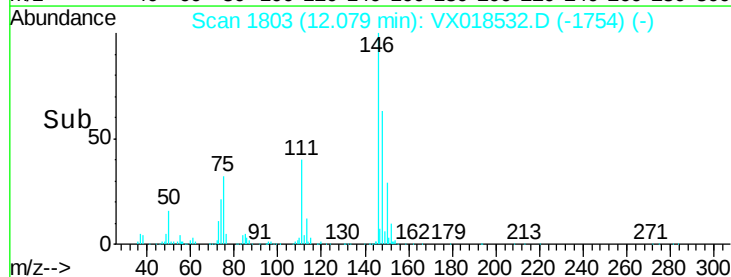
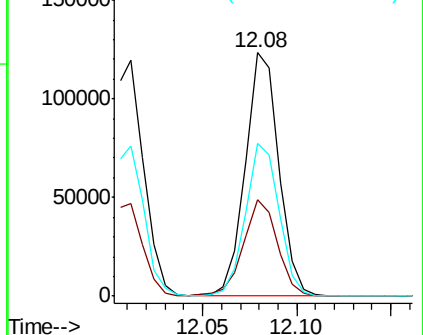
148 62.7 45.0 83.6

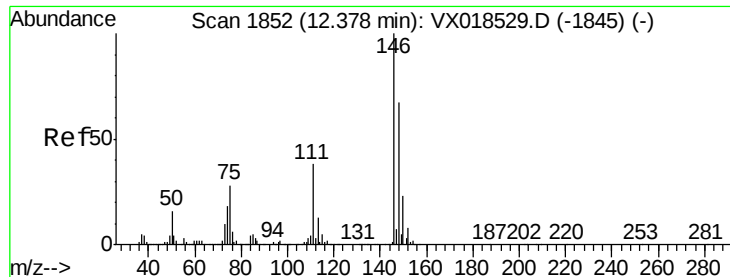


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

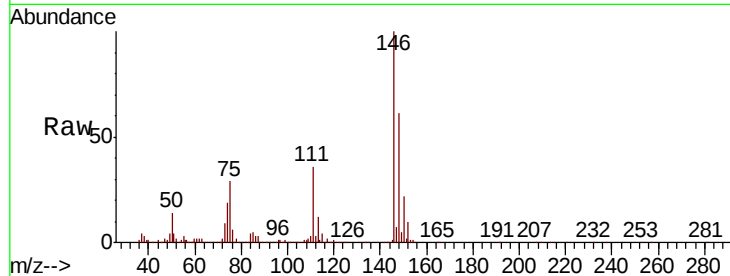




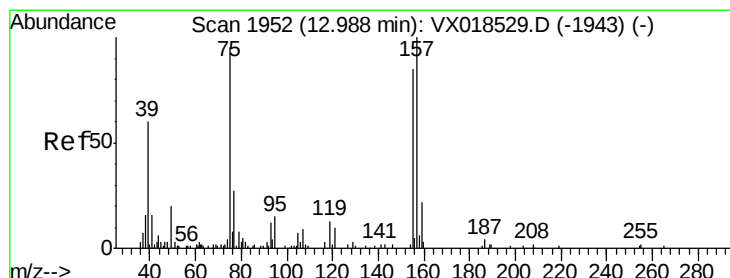
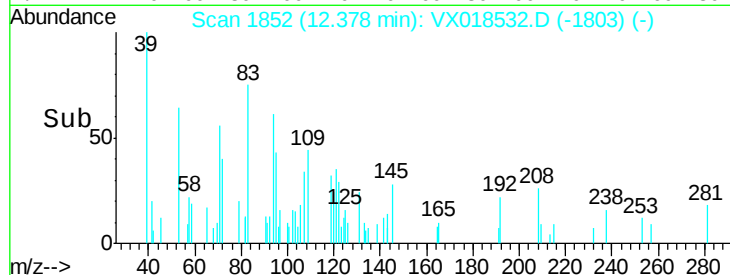
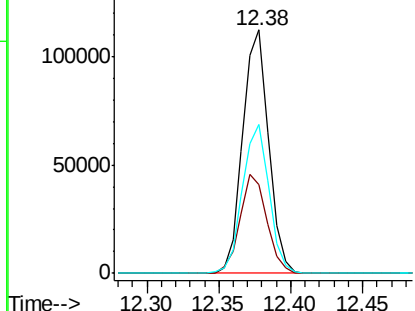
#67
 1,2-Dichlorobenzene
 Concen: 5.126 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

Instrument :
 MSVOA_X
 ClientSampled :
 VICV306

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	30.6	45.8
148	61.0	53.5	80.3

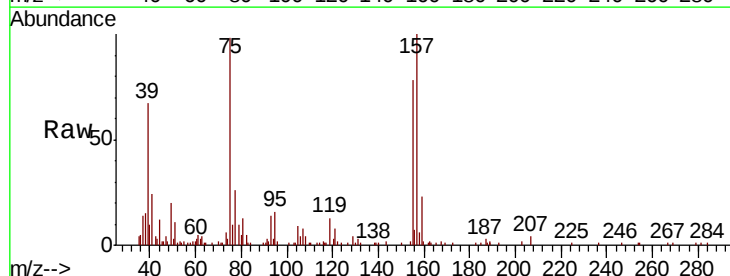


Abundance Ion 145.95 (145.65 to 146.65): V
 150000 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

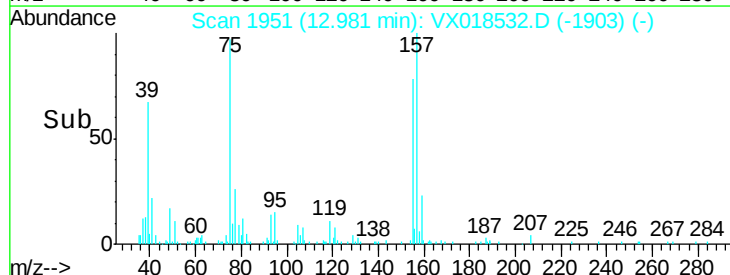
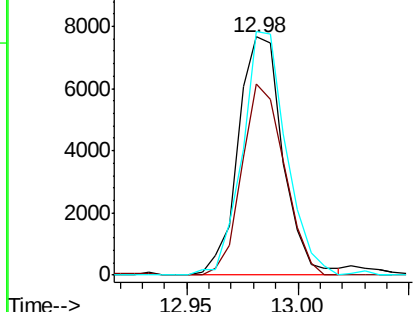


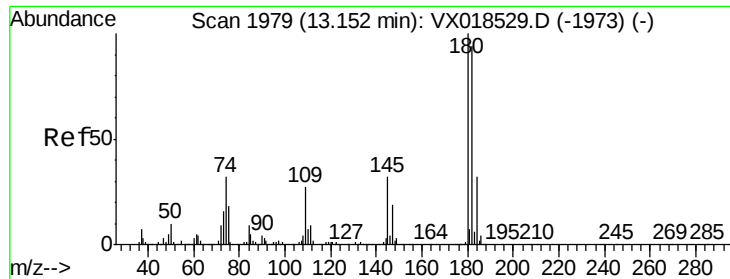
#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.561 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX018532.D
 Acq: 22 Sep 2020 20:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	71.1	106.7
157	102.1	83.5	125.3



Abundance Ion 75.05 (74.75 to 75.75): VX0
 10000 Ion 154.95 (154.65 to 155.65): V
 Ion 156.90 (156.60 to 157.60): V





#69

1,3,5-Trichlorobenzene

Concen: 5.119 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

Instrument :

MSVOA_X

ClientSampled :

VICV306

Tot Ion:180 Resp: 109976

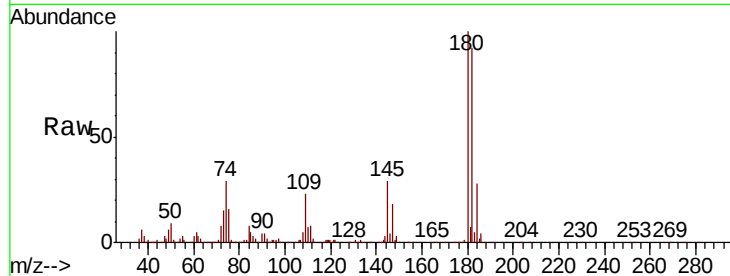
Ion Ratio Lower Upper

180 100

182 94.1 74.3 111.5

184 29.6 24.6 37.0

145 30.9 24.6 37.0

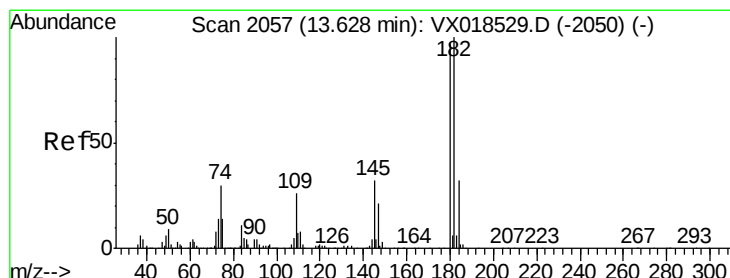
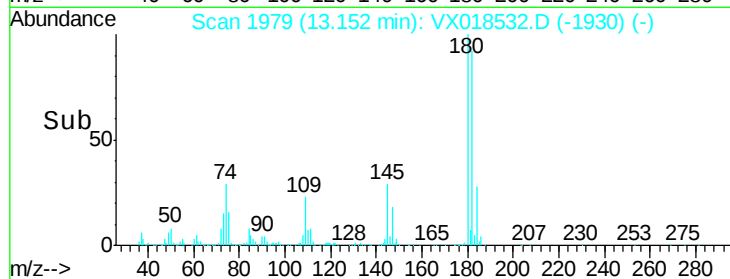
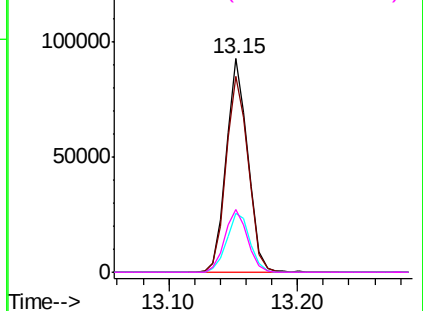


Abundance Ion 180.00 (179.70 to 180.70): V

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



#70

1,2,4-trichlorobenzene

Concen: 5.212 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018532.D

Acq: 22 Sep 2020 20:19

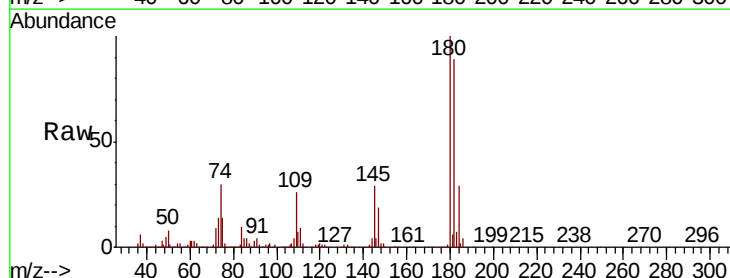
Tgt Ion:180 Resp: 92977

Ion Ratio Lower Upper

180 100

182 94.2 74.7 112.1

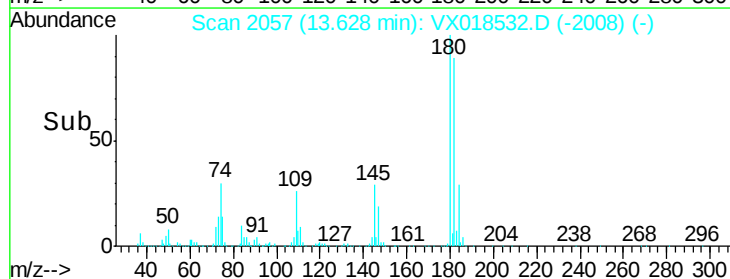
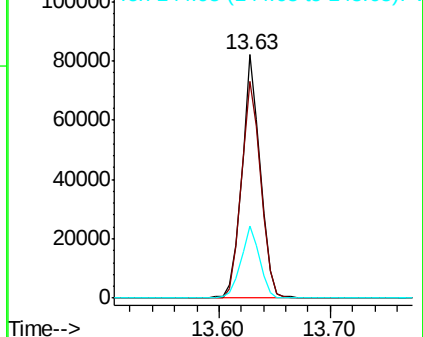
145 30.3 26.6 39.8

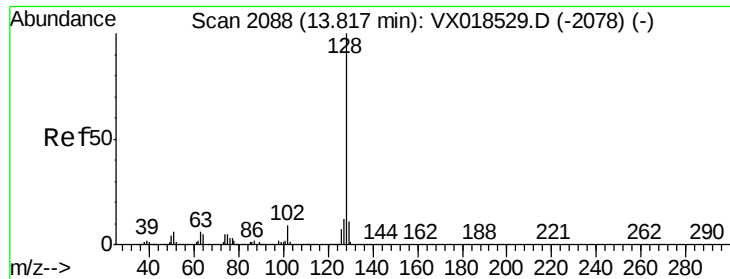


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

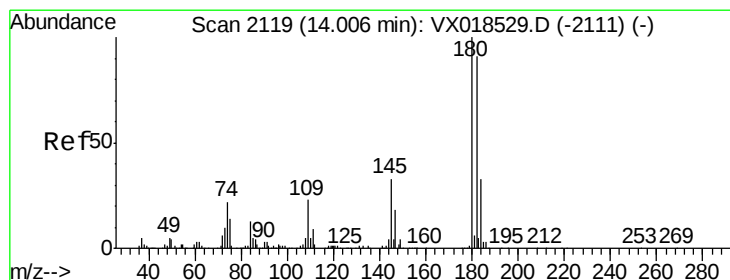
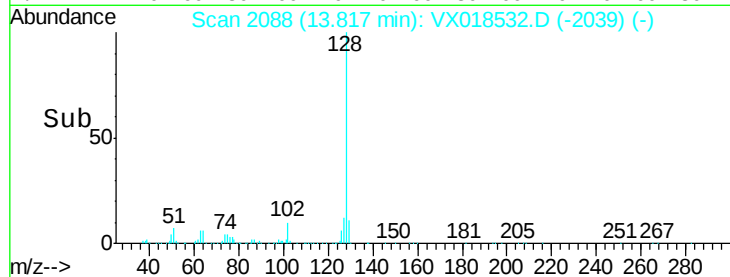
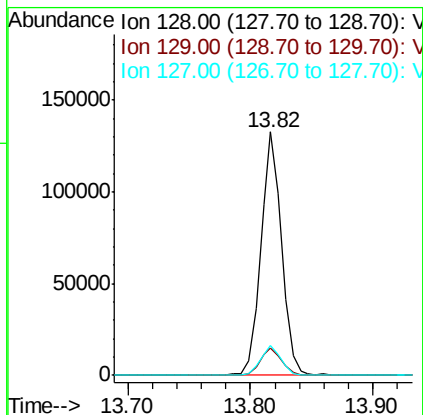
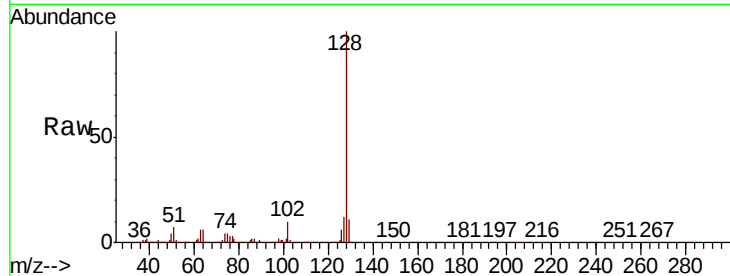




#71
Naphthalene
Concen: 5.299 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018532.D
Acq: 22 Sep 2020 20:19

Instrument :
MSVOA_X
ClientSampleId :
VICV306

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	12.4	10.1	15.1



#72
1,2,3-Trichlorobenzene
Concen: 5.152 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX018532.D
Acq: 22 Sep 2020 20:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.9	115.3
145	33.9	27.6	41.4

