

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081220\
 Data File : VX017856.D
 Acq On : 12 Aug 2020 12:10
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00570

Quant Time: Aug 13 01:16:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 12 15:55:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	402397	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	377584	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	185126	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	141941	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.69	69	104140	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.34	63	287509	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.40%
20) 2-Butanone-d5	4.54	46	342118	46.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.66%
24) Chloroform-d	5.14	84	255077	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	6.03	65	140988	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
32) Benzene-d6	6.04	84	481870	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	7.37	67	149255	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	8.70	98	466686	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
45) trans-1,3-Dichloropropene-	8.99	79	68138	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
48) 2-Hexanone-d5	9.43	63	281266	48.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.54%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	111731	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	158424	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	206892	4.422 ug/L	97
3) Chloromethane	1.31	50	195480	5.116 ug/L	98
5) Vinyl chloride	1.39	62	198688	5.243 ug/L	100
6) Bromomethane	1.64	94	113458	5.144 ug/L	93
8) Chloroethane	1.71	64	117838	5.559 ug/L	94
9) Trichlorofluoromethane	1.92	101	327805	5.375 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	188658	5.668 ug/L	98
12) 1,1-Dichloroethene	2.35	96	167900	5.444 ug/L #	89
13) Acetone	2.43	43	289180	53.599 ug/L	100
14) Carbon disulfide	2.54	76	535140	4.831 ug/L	100
15) Methyl Acetate	2.75	43	76543	4.812 ug/L	98
16) Methylene chloride	2.83	84	182189	4.276 ug/L	95
17) Methyl tert-butyl Ether	3.17	73	441432	5.345 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	179361	5.125 ug/L	99
19) 1,1-Dichloroethane	3.67	63	334271	5.354 ug/L	95
21) 2-Butanone	4.64	43	497005	53.337 ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	194900	5.307 ug/L	97

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 Data File : VX017856.D
 Acq On : 12 Aug 2020 12:10
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00570

Quant Time: Aug 13 01:16:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
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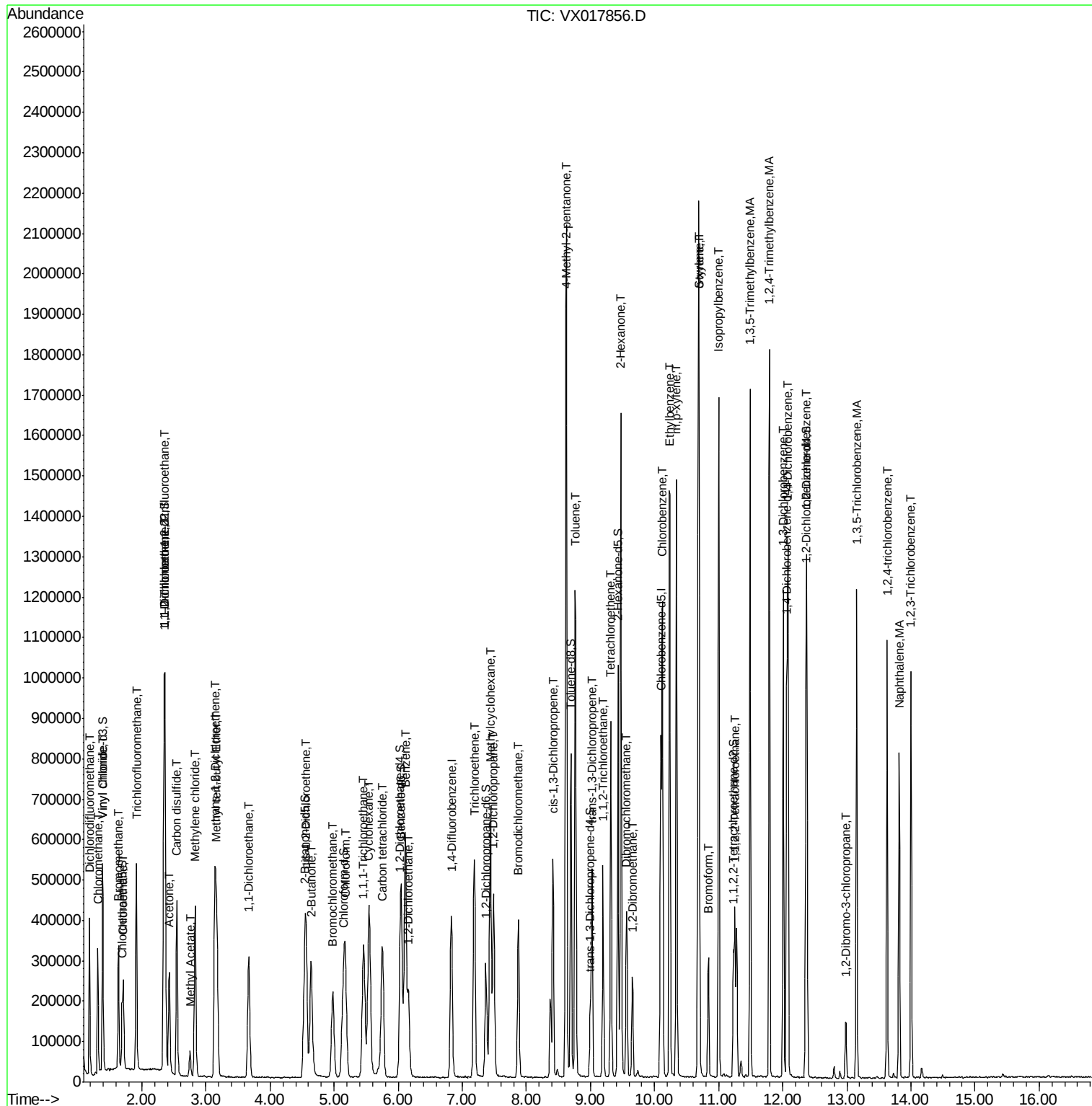
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	93664	5.450	ug/L	98
25) Chloroform	5.18	83	353639	5.260	ug/L	100
27) 1,2-Dichloroethane	6.16	62	228038	5.287	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	337143	5.443	ug/L	98
30) Cyclohexane	5.54	56	276889	5.152	ug/L	100
31) Carbon tetrachloride	5.75	117	309870	5.428	ug/L	98
33) Benzene	6.11	78	720404	5.389	ug/L	100
34) Trichloroethene	7.19	95	201062	5.153	ug/L	94
35) Methylcyclohexane	7.44	83	289318	5.274	ug/L	99
37) 1,2-Dichloropropane	7.49	63	185222	5.510	ug/L	99
38) Bromodichloromethane	7.87	83	254371	5.432	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	274912	5.312	ug/L	97
40) 4-Methyl-2-pentanone	8.62	43	1209654	55.271	ug/L	100
42) Toluene	8.76	91	771019	5.313	ug/L	94
43) 1,3,5-Trimethylbenzene	11.49	105	724705	5.472	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	742284	5.503	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	247989	5.372	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	135624	5.377	ug/L	97
49) Tetrachloroethene	9.32	164	169007	5.414	ug/L	94
50) 2-Hexanone	9.47	43	872989	55.649	ug/L	99
51) Dibromochloromethane	9.56	129	185766	5.347	ug/L	97
52) 1,2-Dibromoethane	9.65	107	133774	5.418	ug/L	100
53) Chlorobenzene	10.12	112	505772	5.355	ug/L	98
54) Ethylbenzene	10.24	91	855453	5.402	ug/L	99
55) m,p-xylene	10.34	106	334967	5.540	ug/L	98
56) o-xylene	10.68	106	323284	5.514	ug/L	99
57) Styrene	10.70	104	546084	5.508	ug/L	99
58) Isopropylbenzene	11.00	105	859106	5.475	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	149613	5.401	ug/L	99
62) Bromoform	10.84	173	107269	5.794	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	401593	5.570	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	398948	5.562	ug/L	97
66) 1,2-Dichlorobenzene	12.38	146	362092	5.407	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.98	75	29087	4.999	ug/L #	92
68) 1,3,5-Trichlorobenzene	13.15	180	291763	5.480	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	251333	5.332	ug/L	98
70) Naphthalene	13.82	128	468806	5.414	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	242683	5.472	ug/L	96

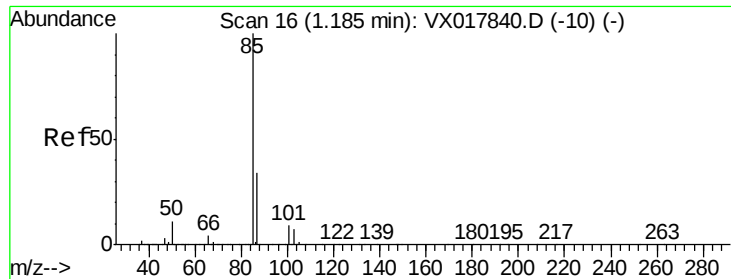
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTD00570

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#2

Dichlorodifluoromethane

Concen: 4.422 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

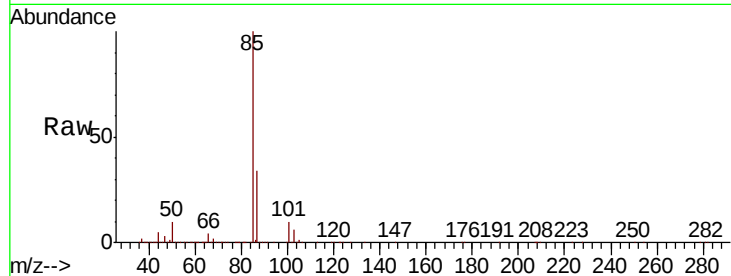
VSTD00570

Tot Ion: 85 Resp: 206892

Ion Ratio Lower Upper

85 100

87 33.0 25.2 37.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

1.18

250000

200000

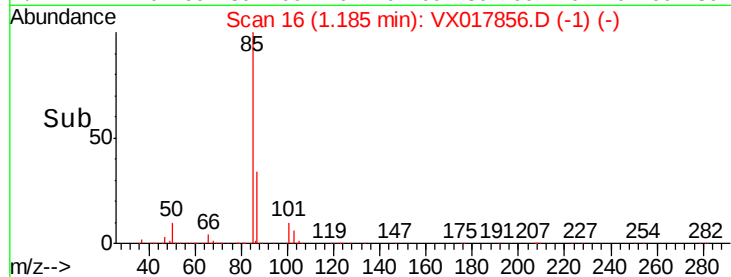
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100000

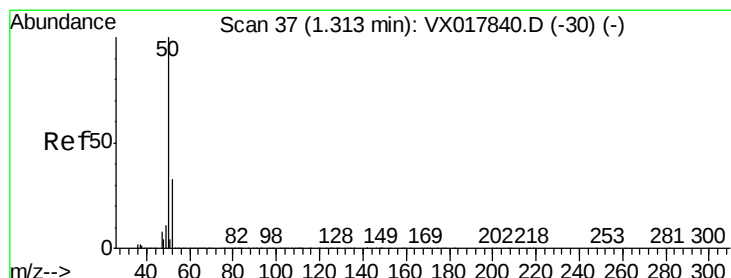
50000

0

Time-->



Time-->



#3

Chloromethane

Concen: 5.116 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017856.D

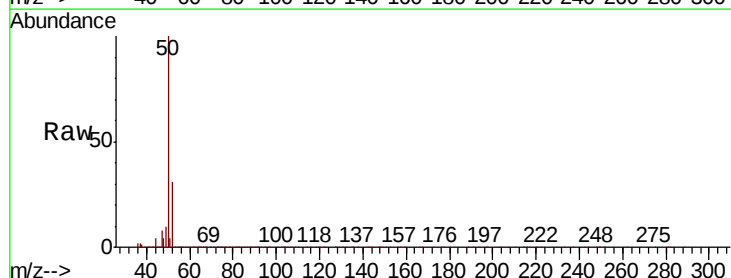
Acq: 12 Aug 2020 12:10

Tgt Ion: 50 Resp: 195480

Ion Ratio Lower Upper

50 100

52 31.1 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0

1.31

200000

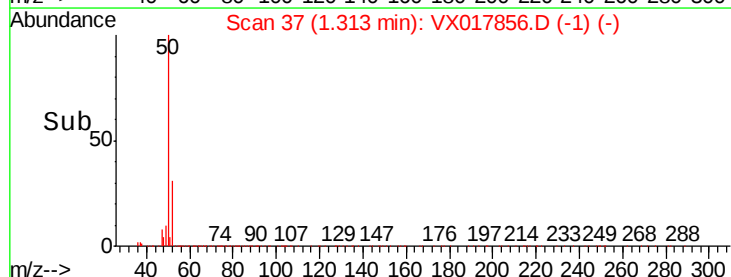
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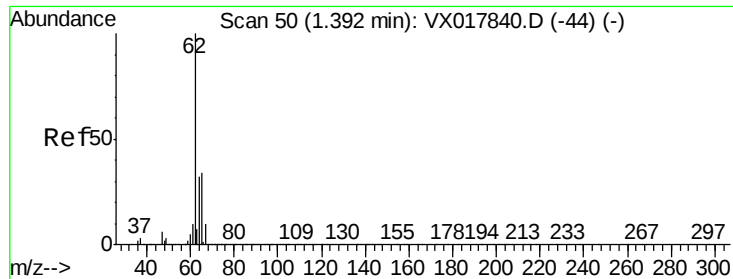
100000

50000

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Time-->





#5

Vinyl chloride

Concen: 5.243 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

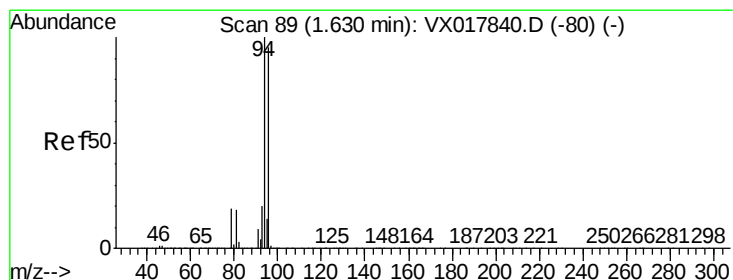
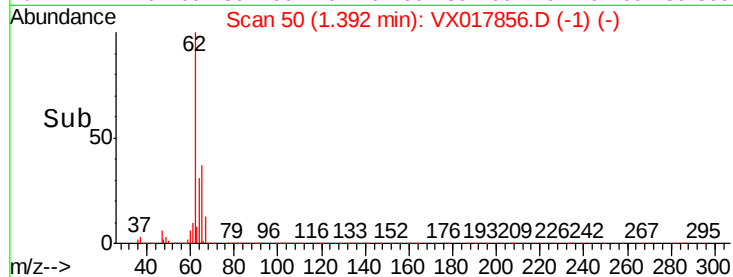
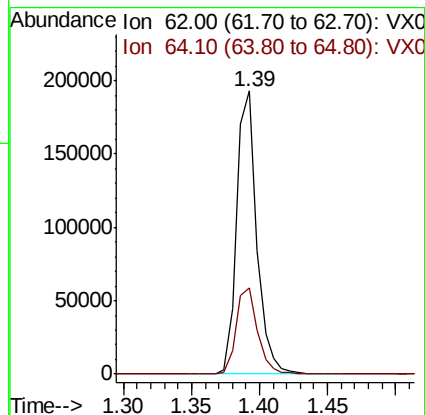
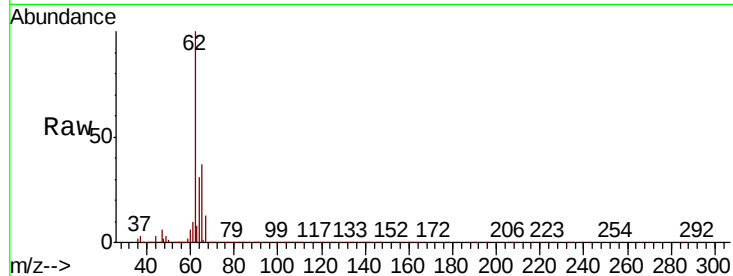
VSTD00570

Tot Ion: 62 Resp: 198688

Ion Ratio Lower Upper

62 100

64 30.5 21.3 39.6



#6

Bromomethane

Concen: 5.144 ug/L

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX017856.D

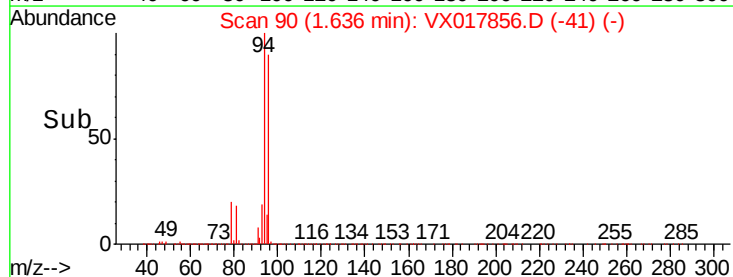
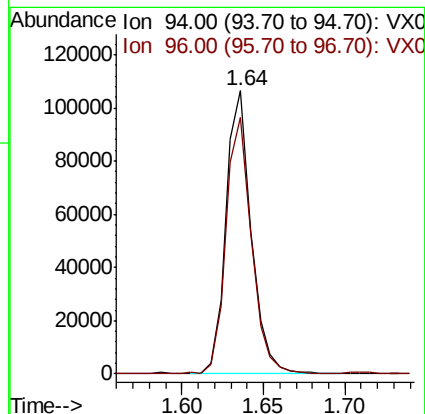
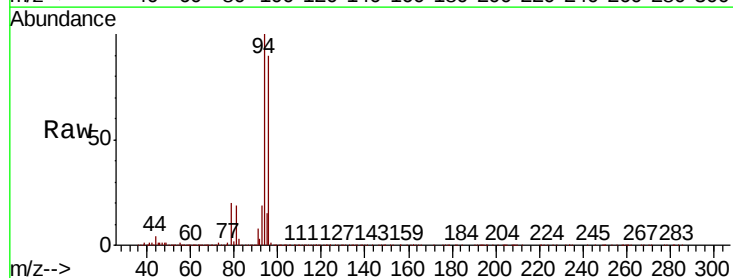
Acq: 12 Aug 2020 12:10

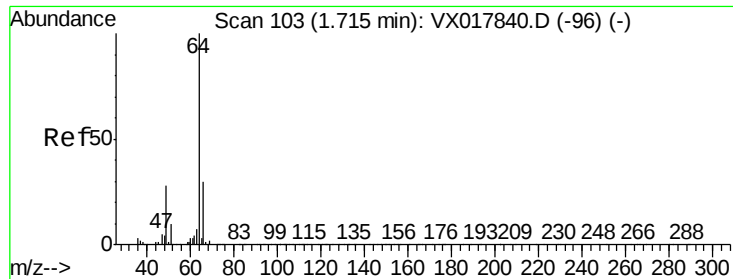
Tgt Ion: 94 Resp: 113458

Ion Ratio Lower Upper

94 100

96 90.4 68.5 127.1

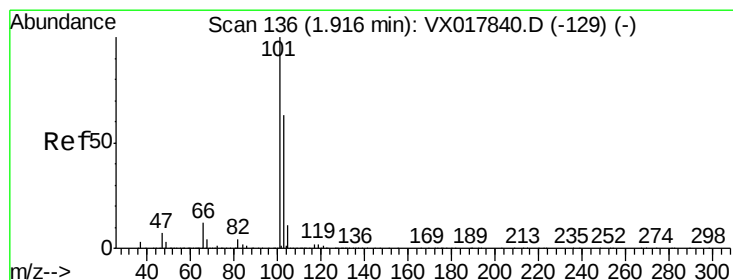
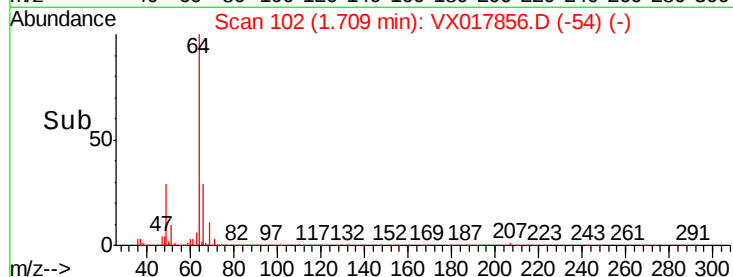
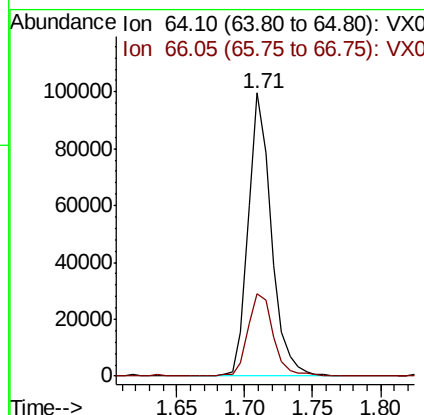
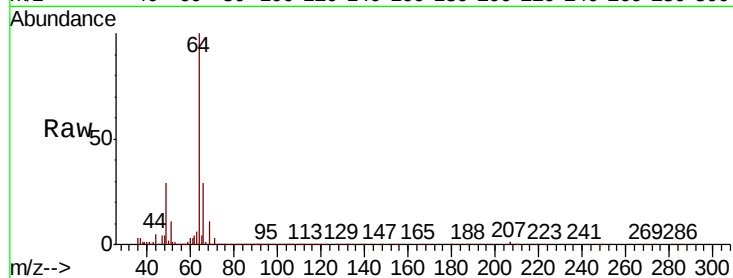




#8
Chloroethane
Concen: 5.559 ug/L
RT: 1.71 min Scan# 102
Delta R.T. -0.01 min
Lab File: VX017856.D
Acq: 12 Aug 2020 12:10

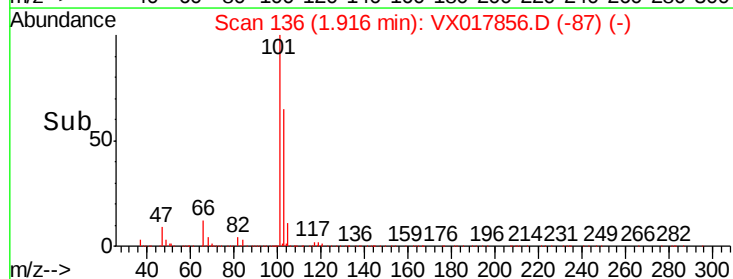
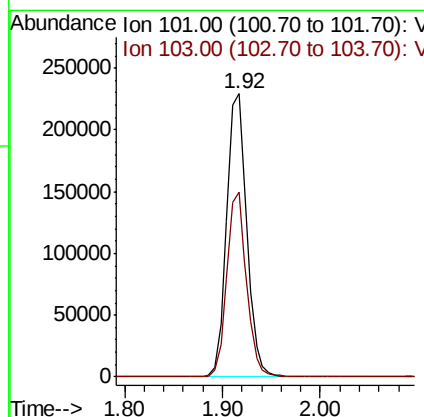
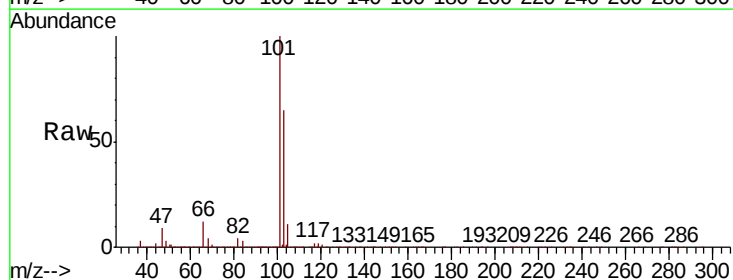
Instrument :
MSVOA_X
ClientSampled :
VSTD00570

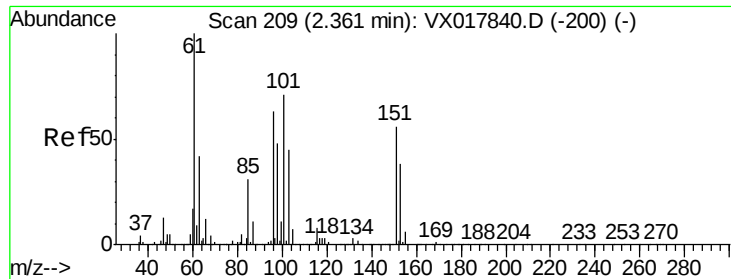
Tot Ion: 64 Resp: 117838
Ion Ratio Lower Upper
64 100
66 29.0 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.375 ug/L
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017856.D
Acq: 12 Aug 2020 12:10

Tgt Ion: 101 Resp: 327805
Ion Ratio Lower Upper
101 100
103 63.2 52.0 78.0





#10

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

Concen: 5.668 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD00570

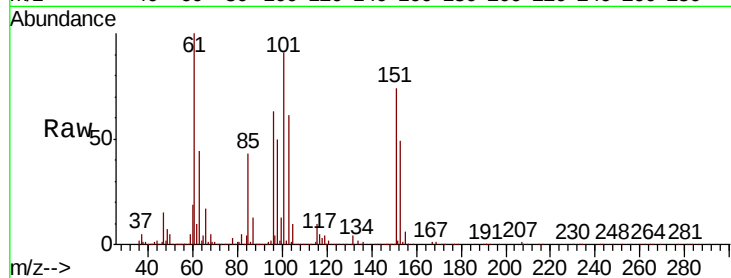
Tot Ion:101 Resp: 188658

Ion Ratio Lower Upper

101 100

85 44.7 34.3 51.5

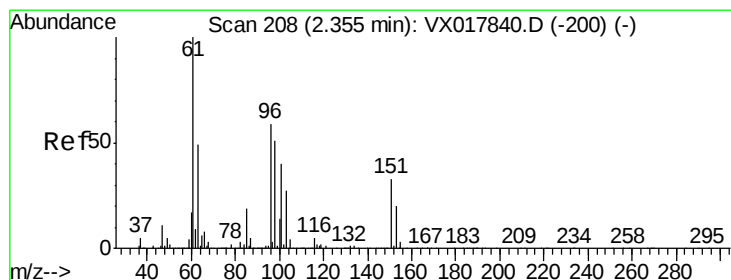
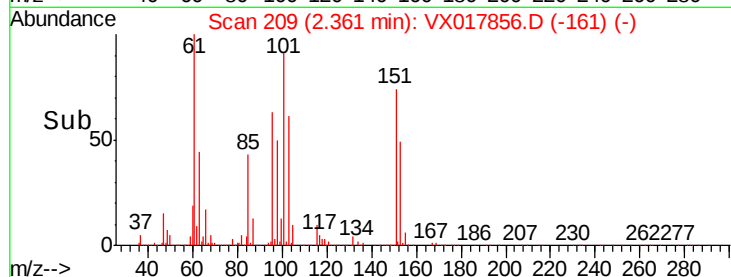
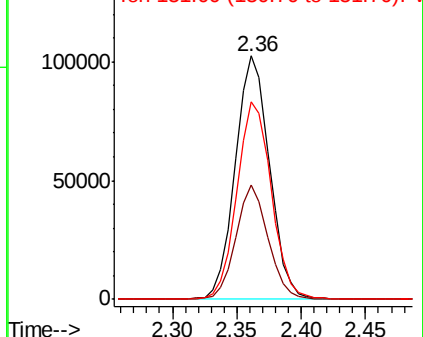
151 81.9 64.8 97.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 5.444 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

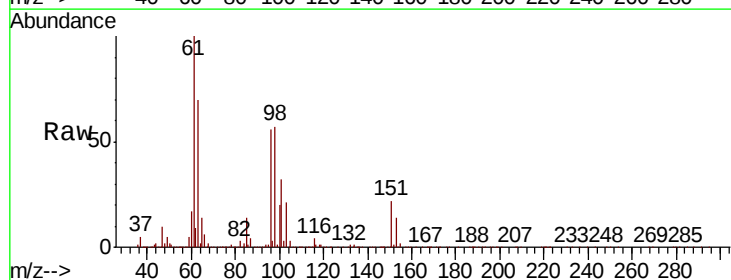
Tgt Ion: 96 Resp: 167900

Ion Ratio Lower Upper

96 100

61 177.7 123.5 229.3

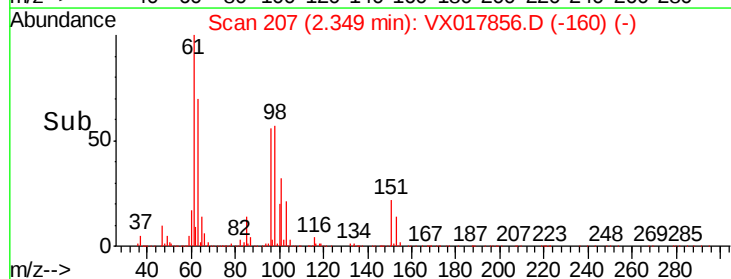
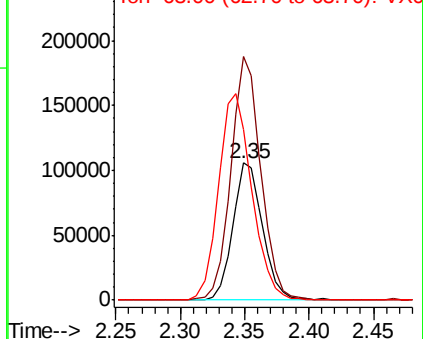
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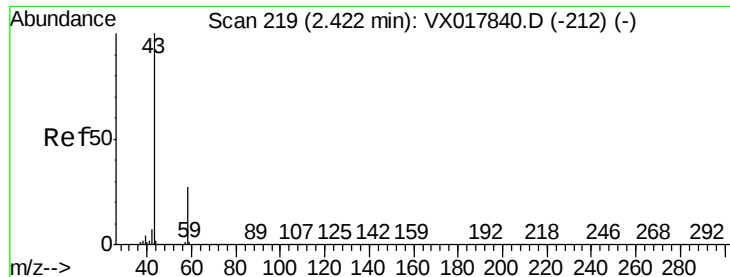


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 53.599 ug/L

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

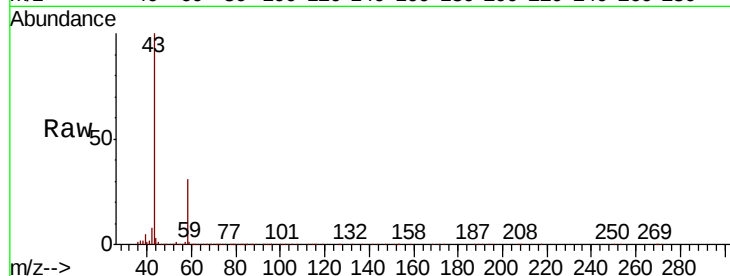
VSTD00570

Tot Ion: 43 Resp: 289180

Ion Ratio Lower Upper

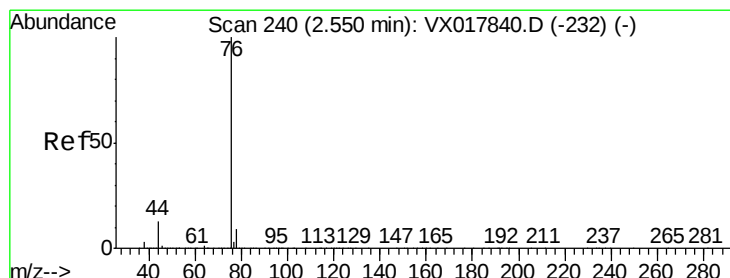
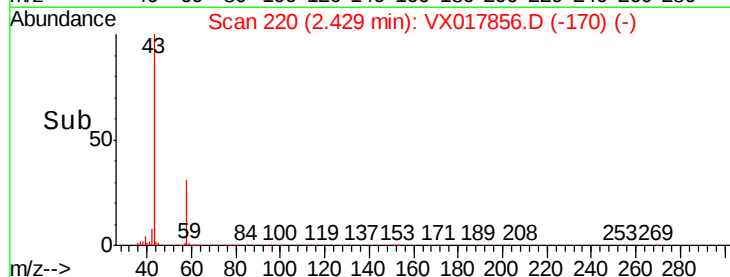
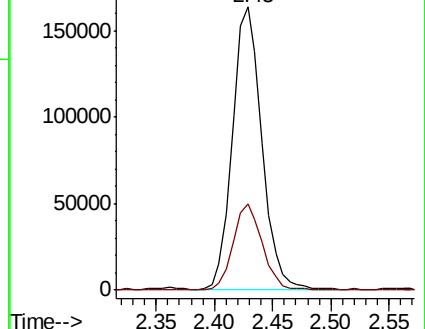
43 100

58 30.2 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 4.831 ug/L

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX017856.D

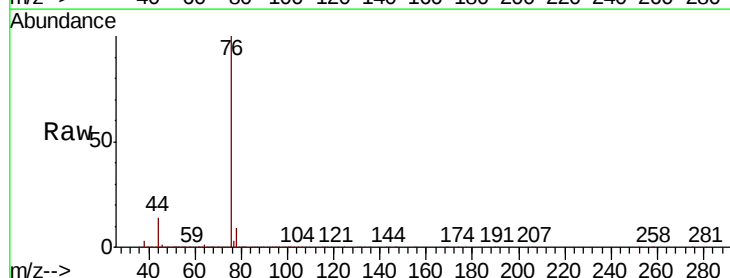
Acq: 12 Aug 2020 12:10

Tgt Ion: 76 Resp: 535140

Ion Ratio Lower Upper

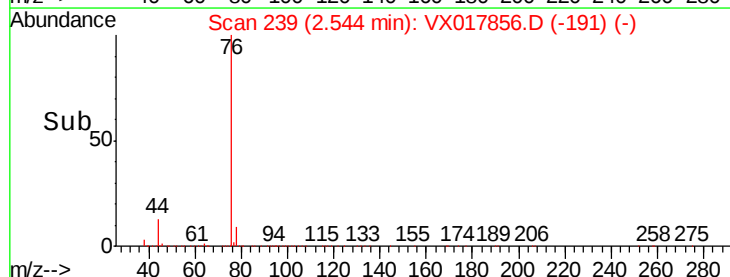
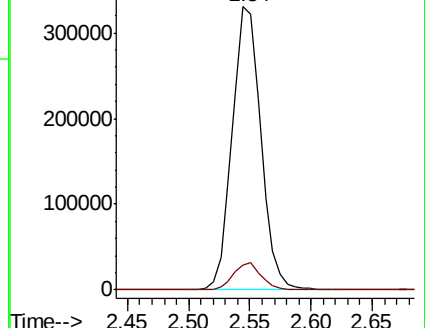
76 100

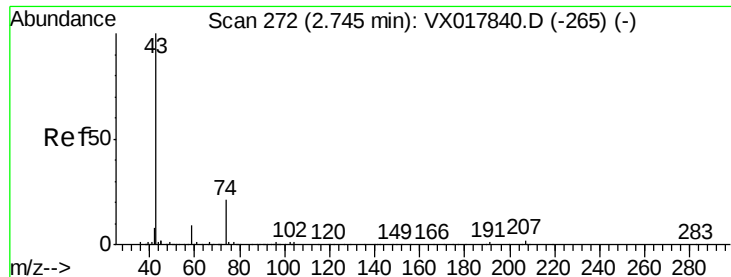
78 8.7 7.0 10.4



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0





#15

Methyl Acetate

Concen: 4.812 ug/L

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

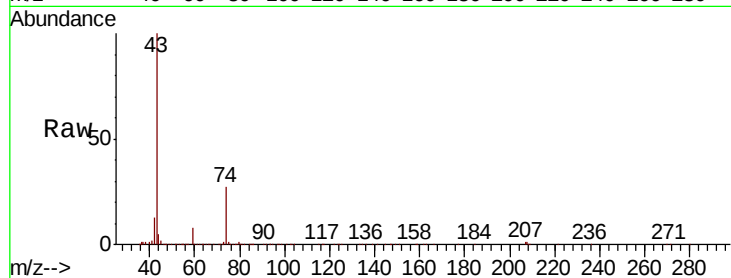
VSTD00570

Tot Ion: 43 Resp: 76543

Ion Ratio Lower Upper

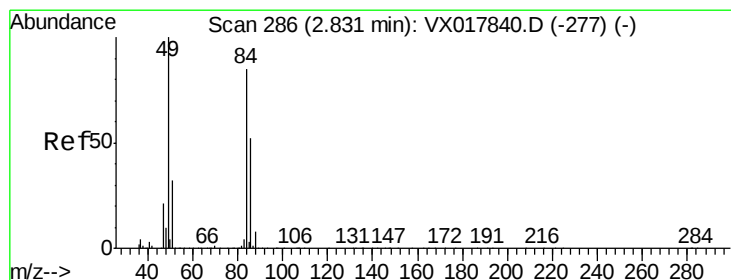
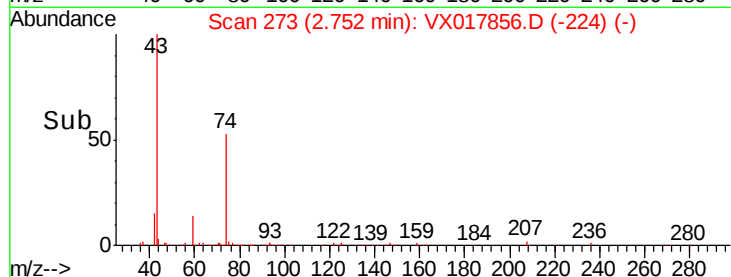
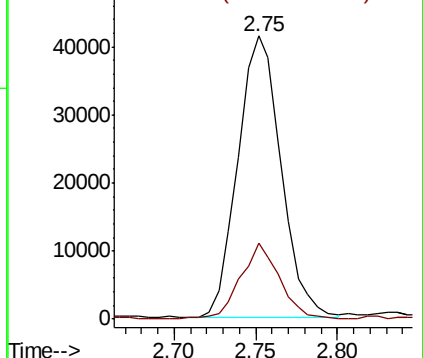
43 100

74 24.7 20.4 30.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 74.05 (73.75 to 74.75): VX0



#16

Methylene chloride

Concen: 4.276 ug/L

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

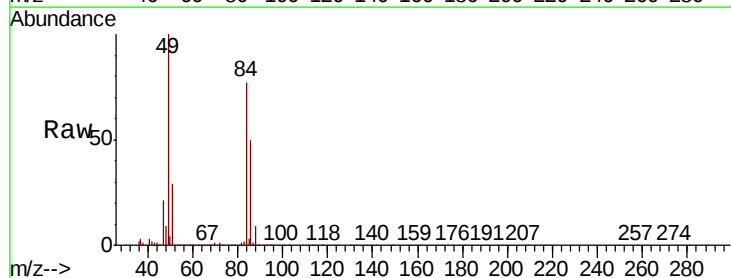
Tgt Ion: 84 Resp: 182189

Ion Ratio Lower Upper

84 100

86 65.0 43.0 80.0

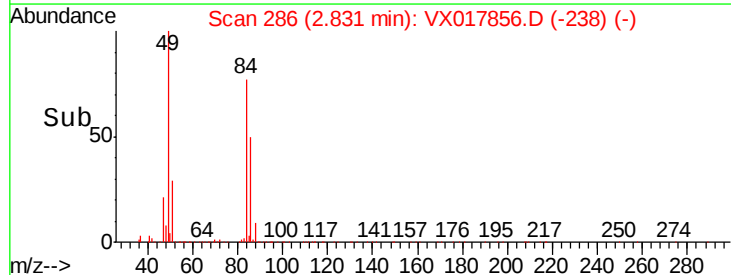
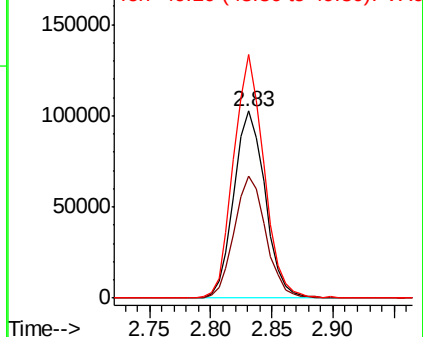
49 130.3 86.9 161.3

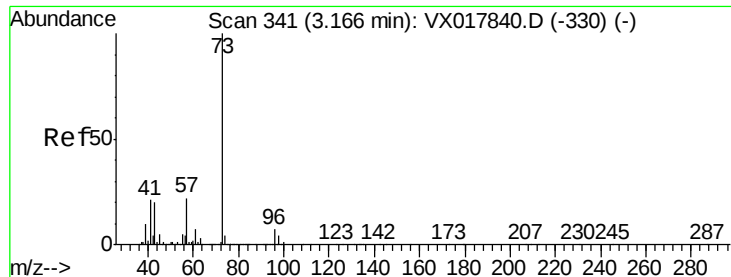


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

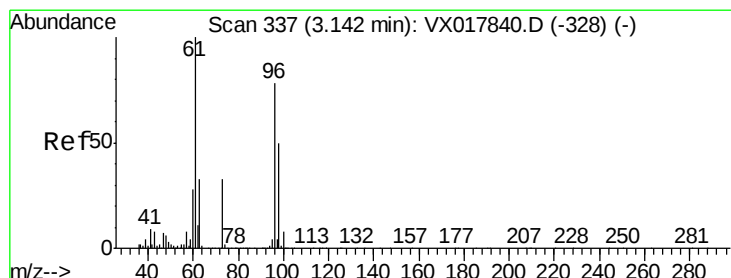
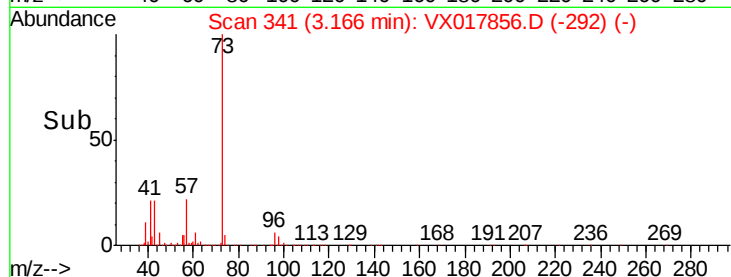
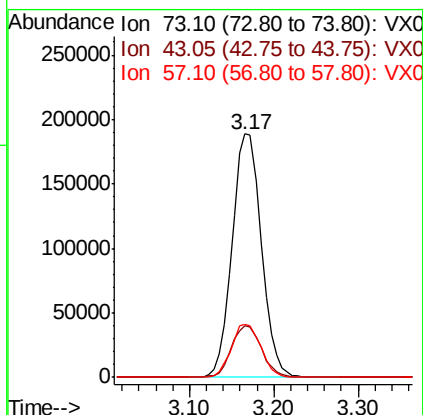
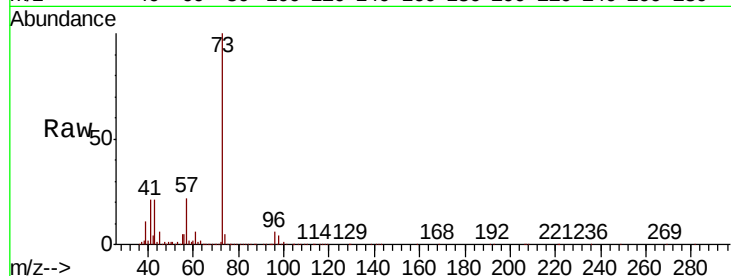




#17
Methvl tert-butvl Ether
Concen: 5.345 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017856.D
Acq: 12 Aug 2020 12:10

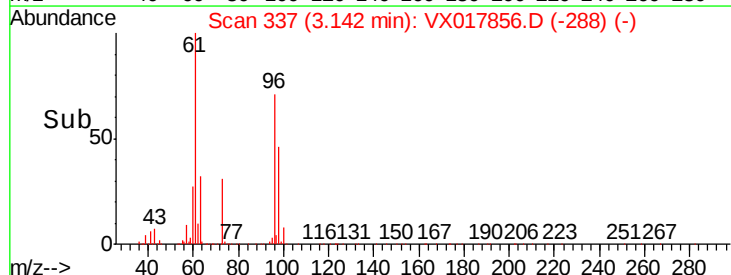
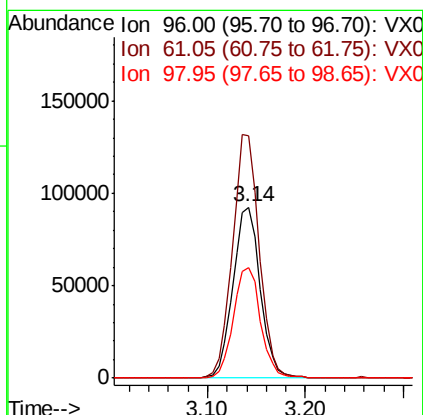
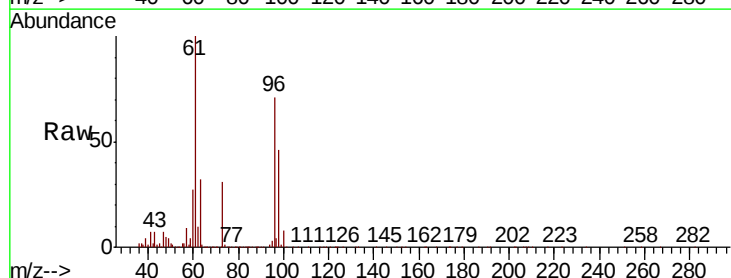
Instrument :
MSVOA_X
ClientSampleId :
VSTD00570

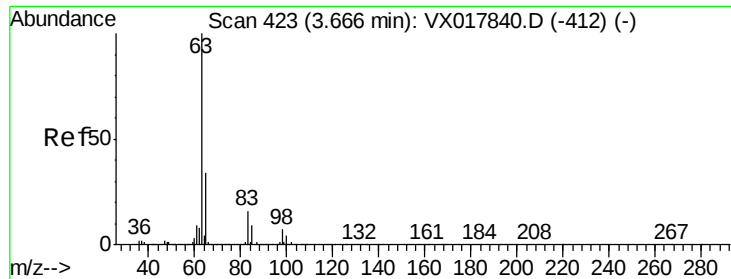
Tot Ion: 73 Resp: 441432
Ion Ratio Lower Upper
73 100
43 22.0 17.7 26.5
57 22.3 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 5.125 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017856.D
Acq: 12 Aug 2020 12:10

Tgt Ion: 96 Resp: 179361
Ion Ratio Lower Upper
96 100
61 141.4 98.4 182.8
98 64.8 44.9 83.5

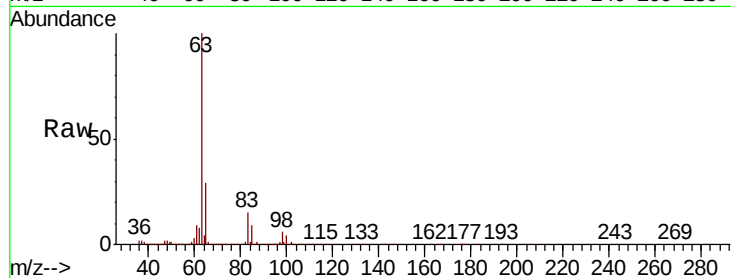




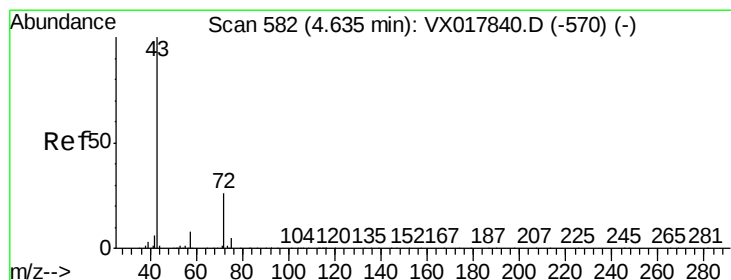
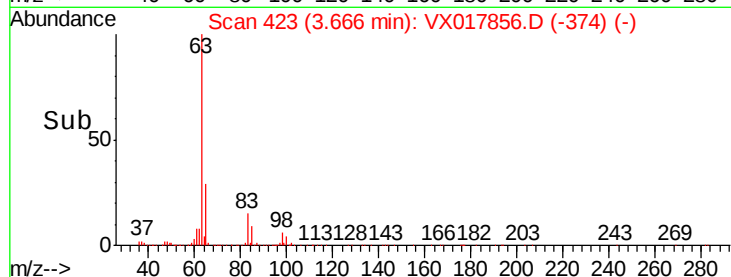
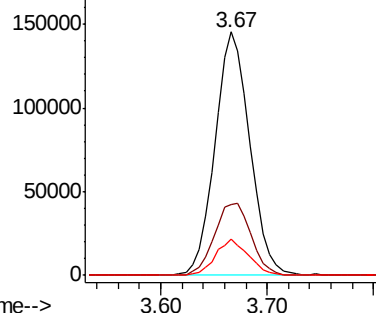
#19
 1,1-Dichloroethane
 Concen: 5.354 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00570

Tot Ion:	63	Resp:	334271
Ion	Ratio	Lower	Upper
63	100		
65	29.3	22.6	42.0
83	15.0	9.5	17.7

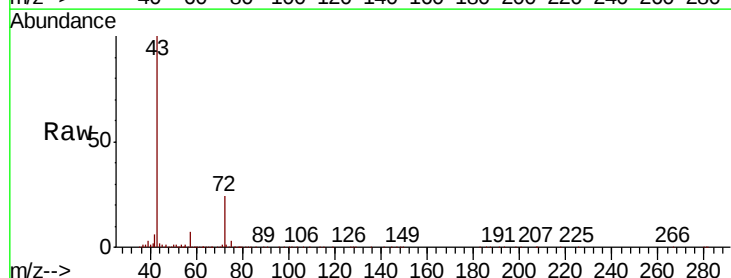


Abundance Ion 63.10 (62.80 to 63.80): VX0
 Ion 65.10 (64.80 to 65.80): VX0
 Ion 83.05 (82.75 to 83.75): VX0

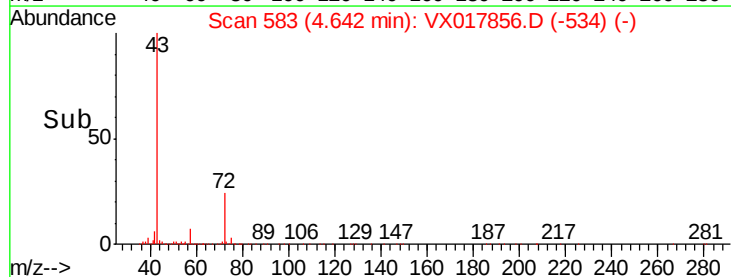
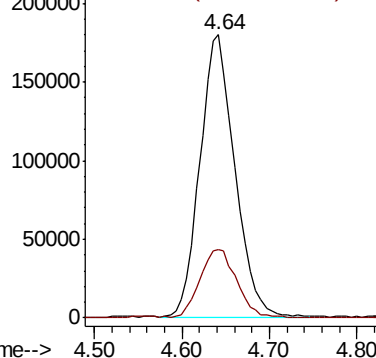


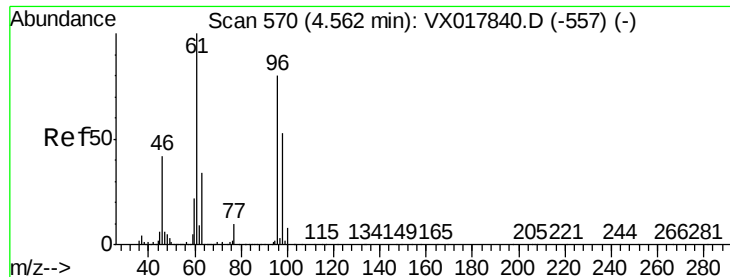
#21
 2-Butanone
 Concen: 53.337 ug/L
 RT: 4.64 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

Tgt Ion:	43	Resp:	497005
Ion	Ratio	Lower	Upper
43	100		
72	25.3	13.2	39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0



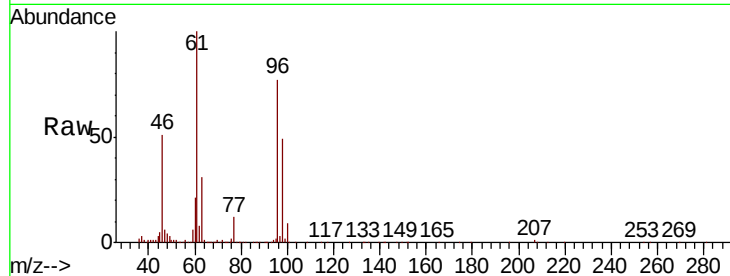


#22

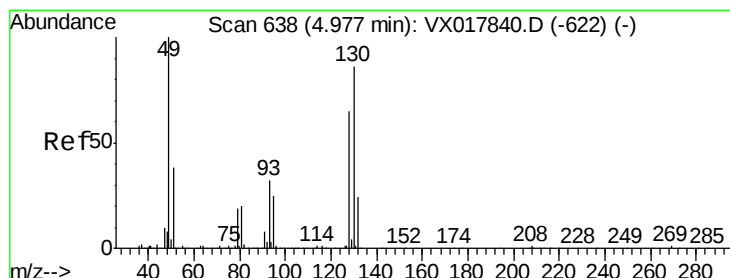
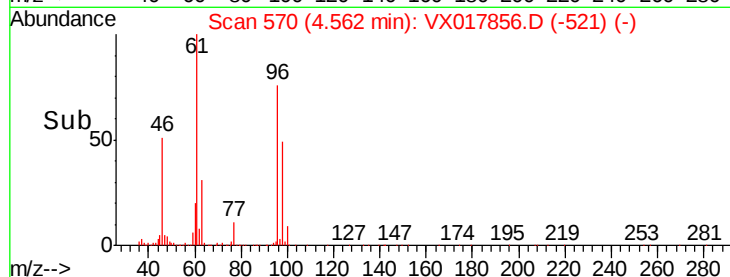
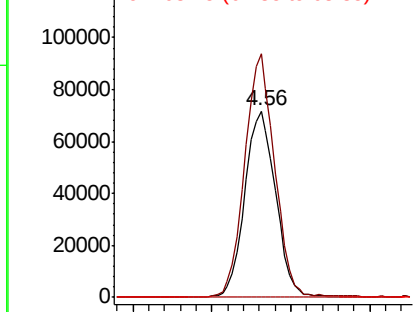
cis-1,2-Dichloroethene
Concen: 5.307 ug/L
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX017856.D
Acq: 12 Aug 2020 12:10

Instrument :
MSVOA_X
ClientSampleId :
VSTD00570

Tot Ion: 96 Resp: 194900
Ion Ratio Lower Upper
96 100
61 130.6 88.8 165.0
68 0.2 0.2 0.4



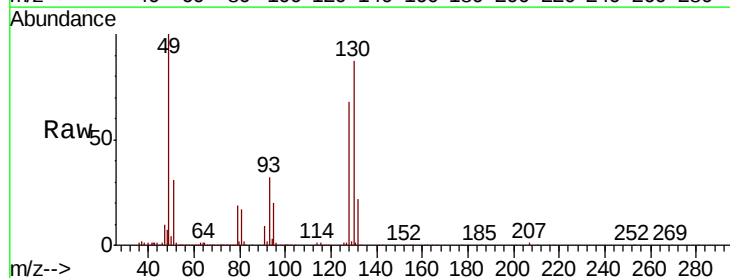
Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 68.15 (67.85 to 68.85): VX0



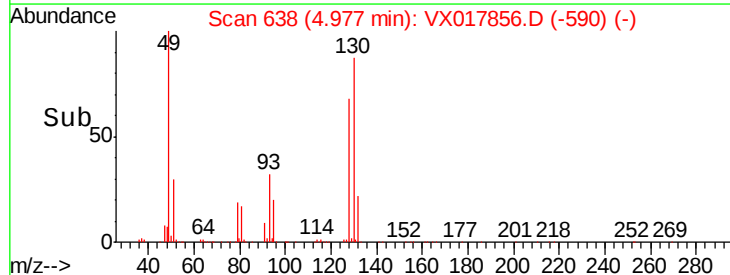
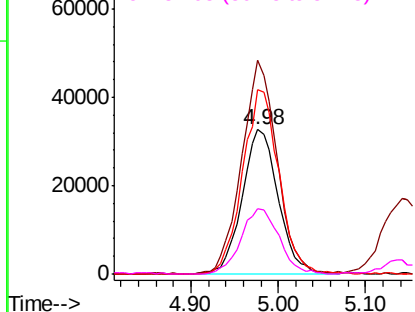
#23

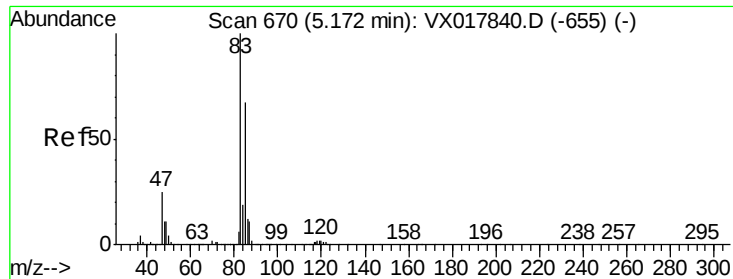
Bromochloromethane
Concen: 5.450 ug/L
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX017856.D
Acq: 12 Aug 2020 12:10

Tgt Ion:128 Resp: 93664
Ion Ratio Lower Upper
128 100
49 148.1 100.2 186.0
130 128.2 89.1 165.5
51 45.4 37.2 55.8



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VX0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VX0





#25

Chloroform

Concen: 5.260 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampled :

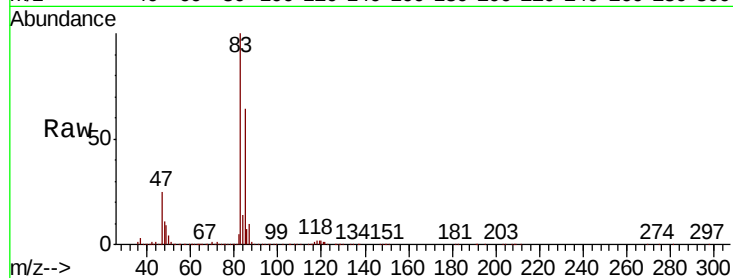
VSTD00570

Tot Ion: 83 Resp: 353639

Ion Ratio Lower Upper

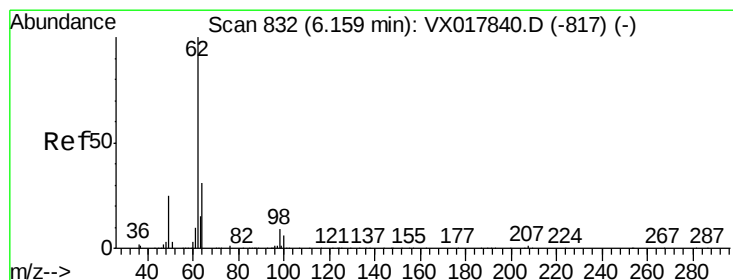
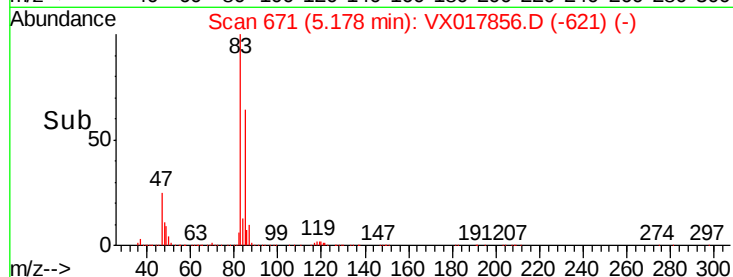
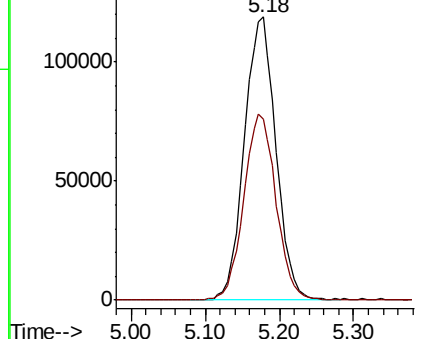
83 100

85 64.0 44.7 83.1



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane

Concen: 5.287 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017856.D

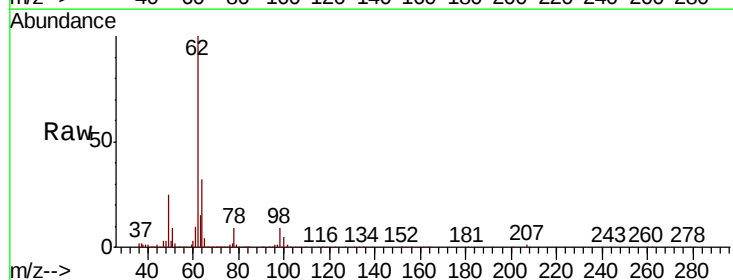
Acq: 12 Aug 2020 12:10

Tgt Ion: 62 Resp: 228038

Ion Ratio Lower Upper

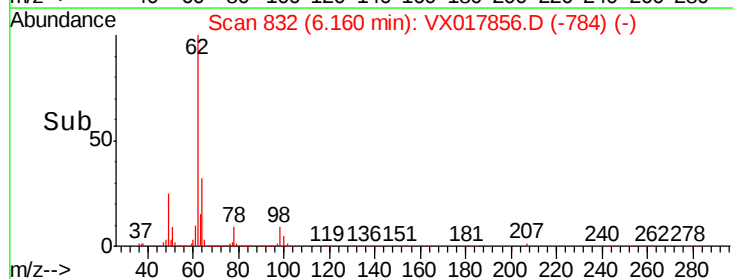
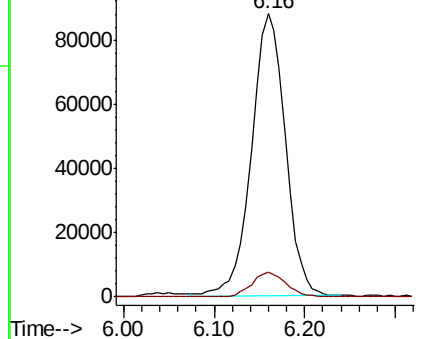
62 100

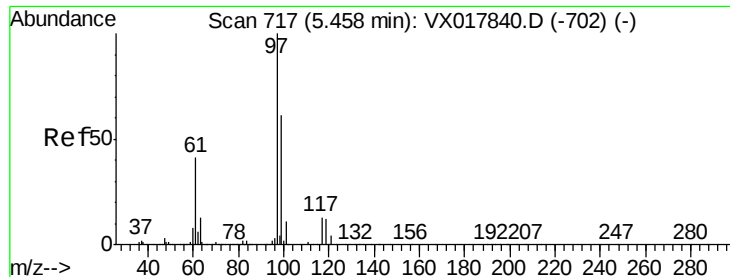
98 8.9 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0





#29

1,1,1-Trichloroethane

Concen: 5.443 ug/L

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampled :

VSTD00570

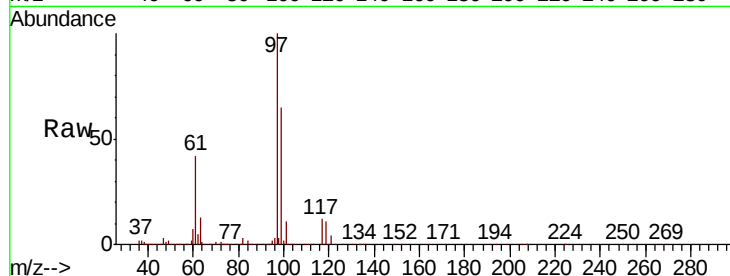
Tot Ion: 97 Resp: 337143

Ion Ratio Lower Upper

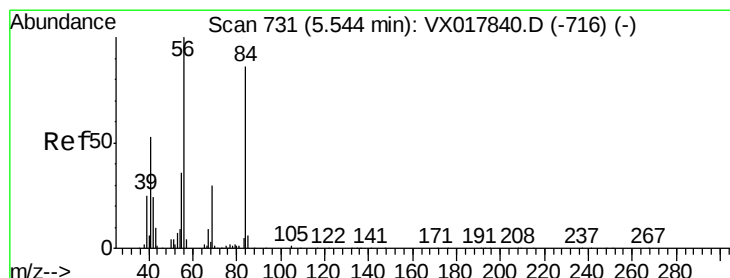
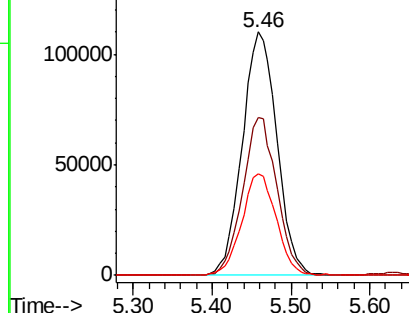
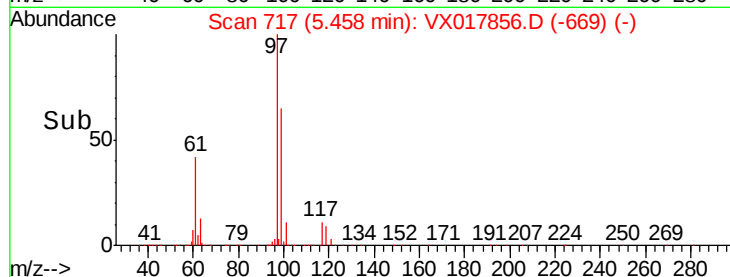
97 100

99 63.8 52.2 78.2

61 41.2 33.8 50.6



Abundance Ion 96.95 (96.65 to 97.65): VX0
Ion 99.05 (98.75 to 99.75): VX0
Ion 61.05 (60.75 to 61.75): VX0



#30

Cyclohexane

Concen: 5.152 ug/L

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

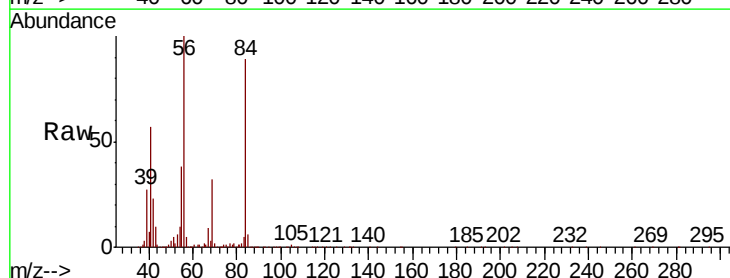
Tgt Ion: 56 Resp: 276889

Ion Ratio Lower Upper

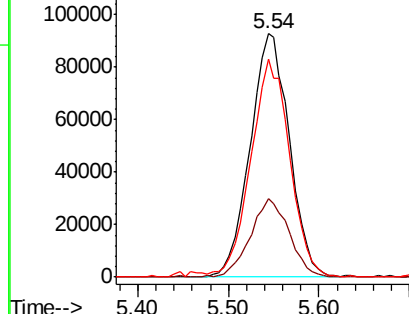
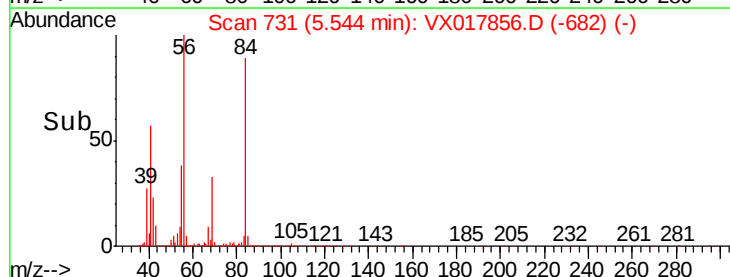
56 100

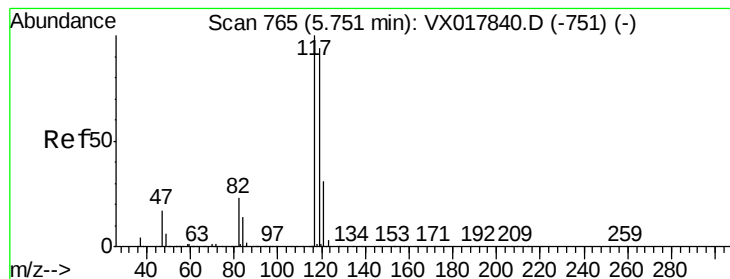
69 32.0 25.1 37.7

84 88.7 70.7 106.1



Abundance Ion 56.10 (55.80 to 56.80): VX0
Ion 69.15 (68.85 to 69.85): VX0
Ion 84.15 (83.85 to 84.85): VX0





#31

Carbon tetrachloride

Concen: 5.428 ug/L

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

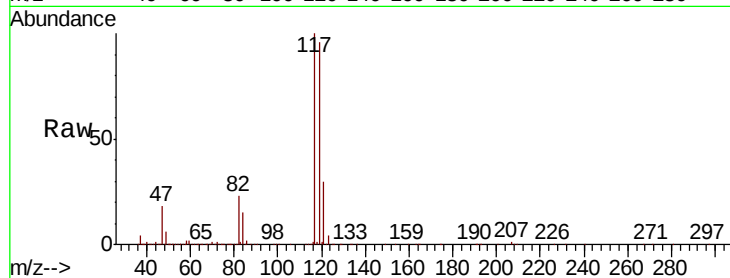
VSTD00570

Tot Ion:117 Resp: 309870

Ion Ratio Lower Upper

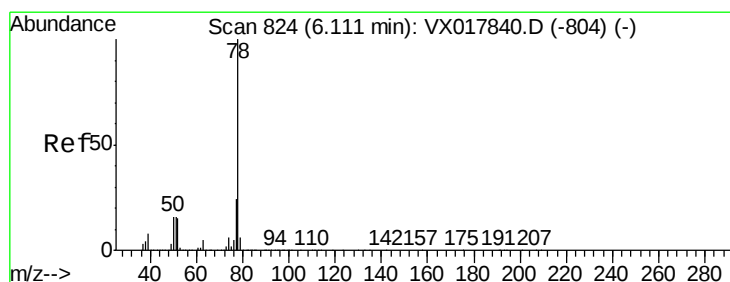
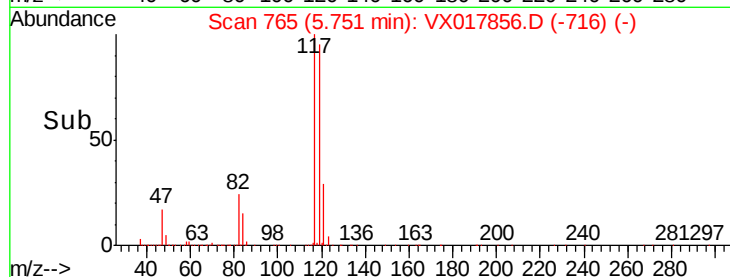
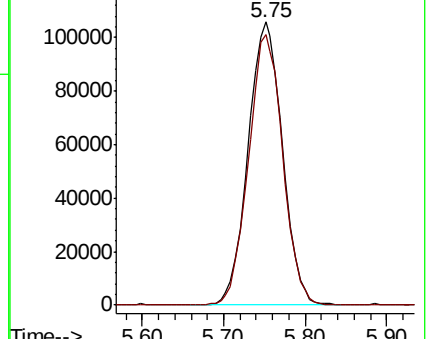
117 100

119 95.4 77.6 116.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.389 ug/L

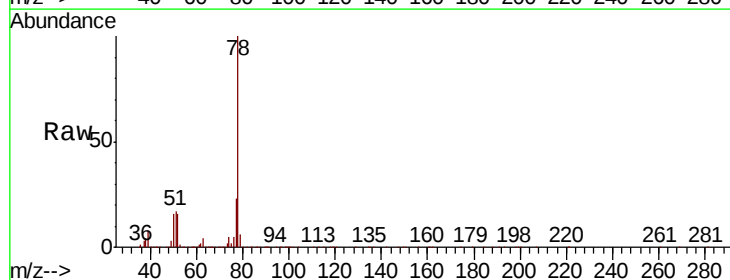
RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

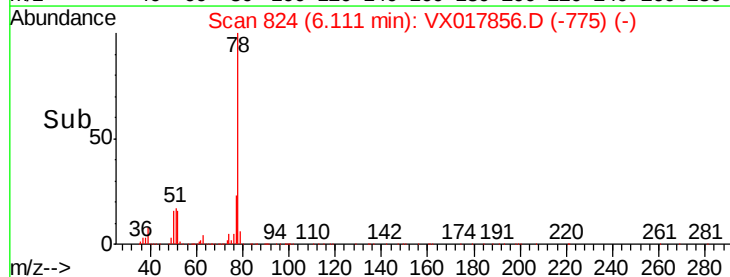
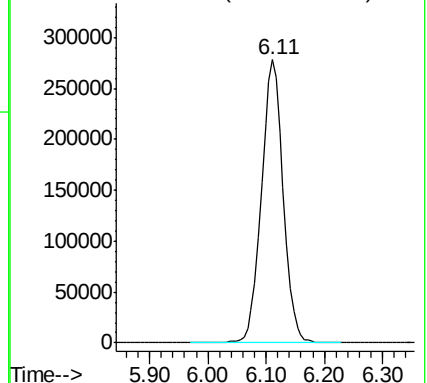
Lab File: VX017856.D

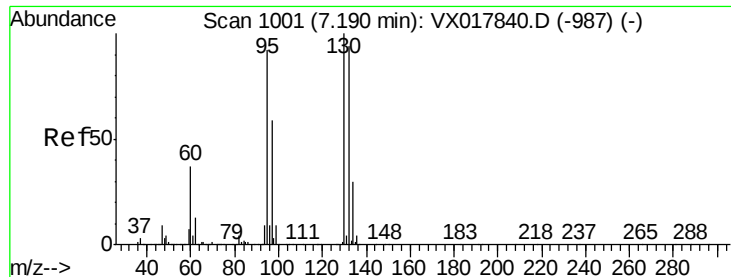
Acq: 12 Aug 2020 12:10

Tgt Ion: 78 Resp: 720404



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 5.153 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD00570

Tot Ion: 95 Resp: 201062

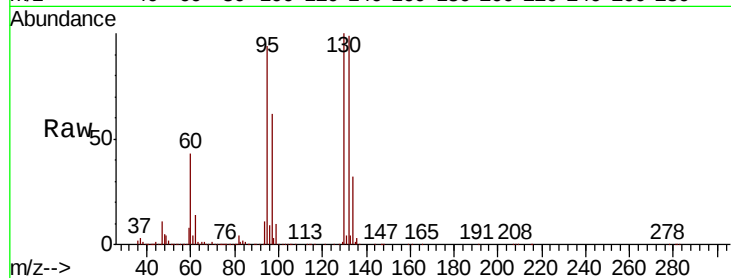
Ion Ratio Lower Upper

95 100

97 66.7 46.1 85.5

132 106.3 66.0 122.6

130 106.8 71.7 133.1

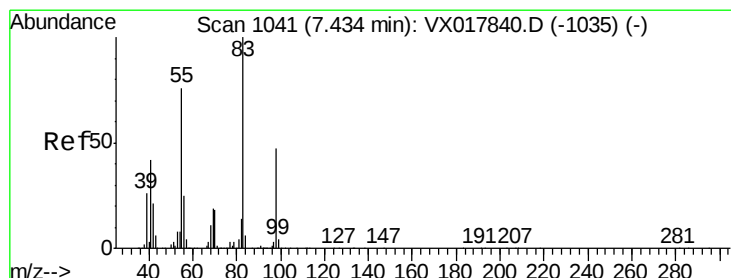
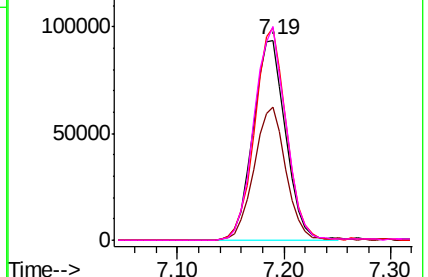
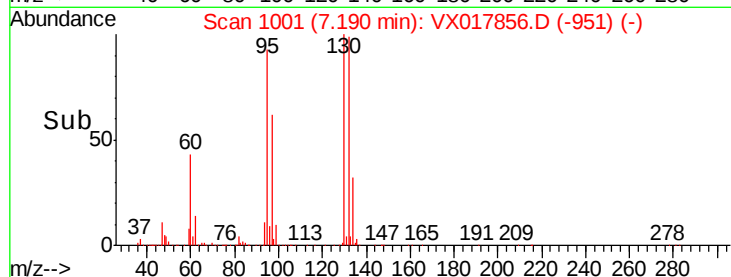


Abundance Ion 95.00 (94.70 to 95.70): VX0

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: 5.274 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

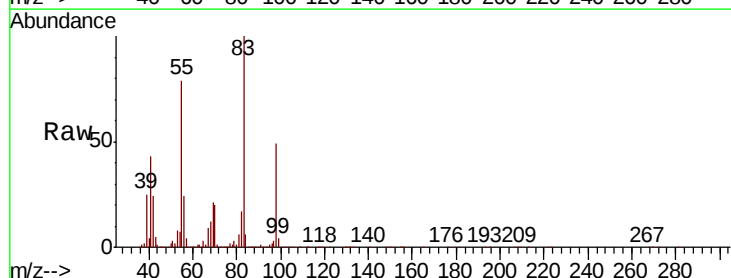
Tgt Ion: 83 Resp: 289318

Ion Ratio Lower Upper

83 100

55 78.6 62.4 93.6

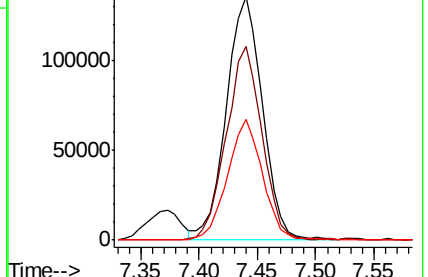
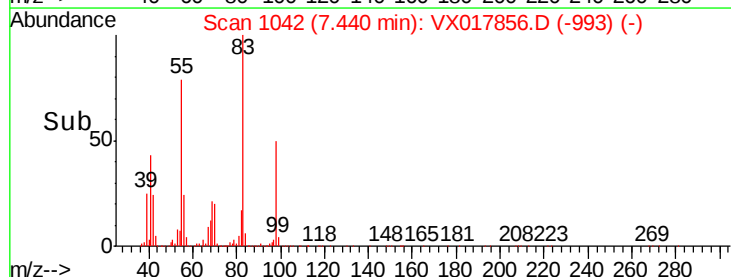
98 48.8 38.0 57.0

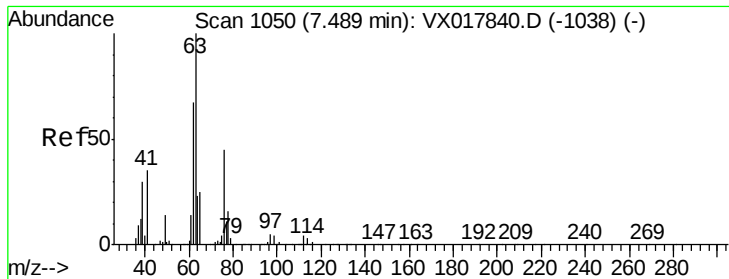


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0

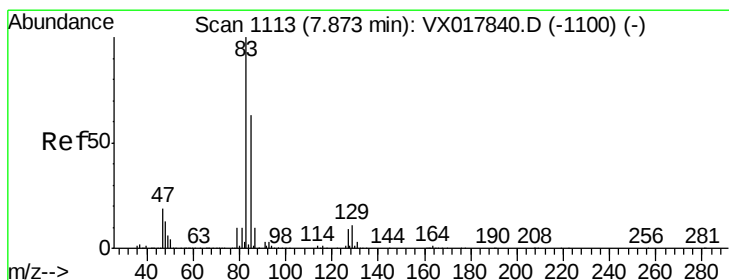
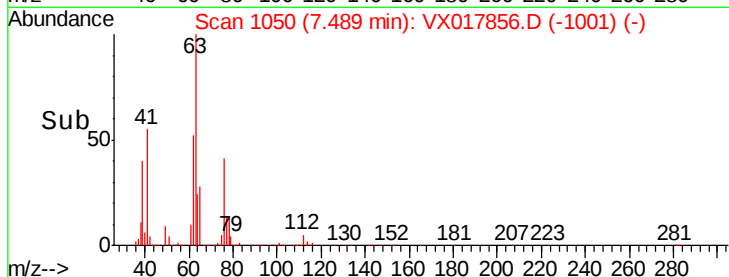
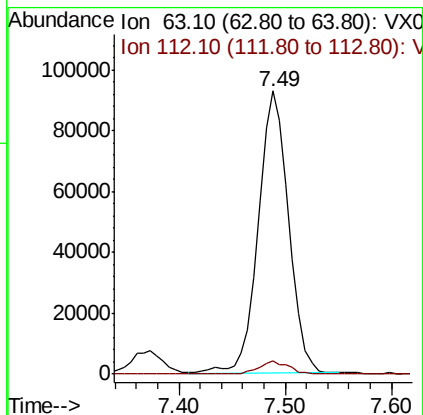
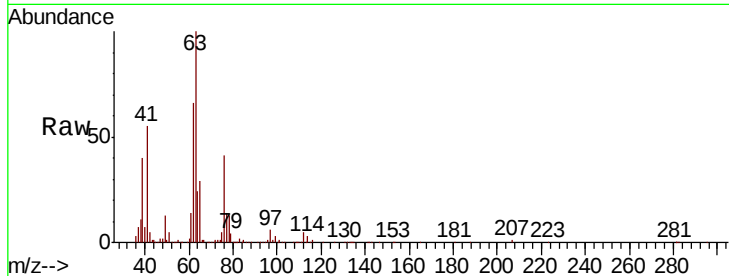




#37
 1,2-Dichloropropane
 Concen: 5.510 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

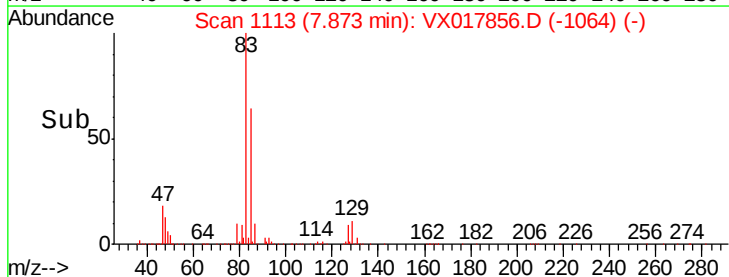
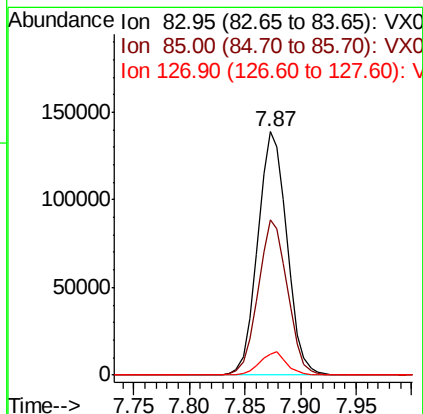
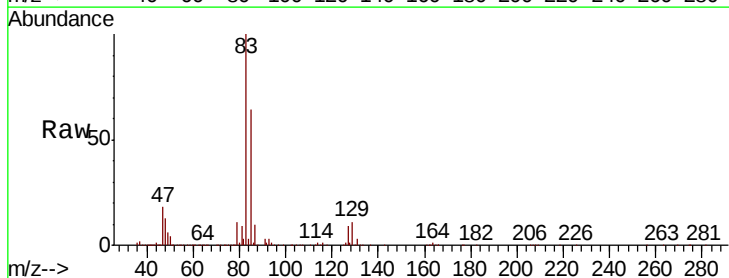
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00570

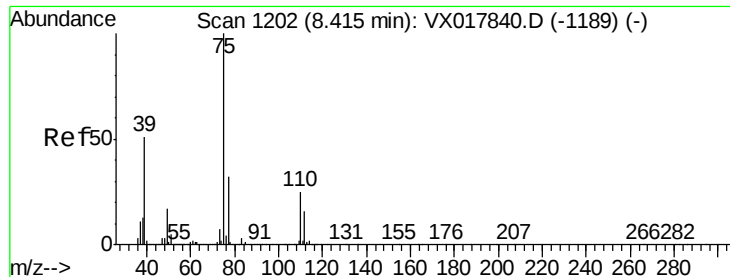
Tot Ion: 63 Resp: 185222
 Ion Ratio Lower Upper
 63 100
 112 4.7 3.6 5.4



#38
 Bromodichloromethane
 Concen: 5.432 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

Tgt Ion: 83 Resp: 254371
 Ion Ratio Lower Upper
 83 100
 85 64.0 45.9 85.3
 127 8.8 7.9 11.9





#39

cis-1,3-Dichloropropene

Concen: 5.312 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

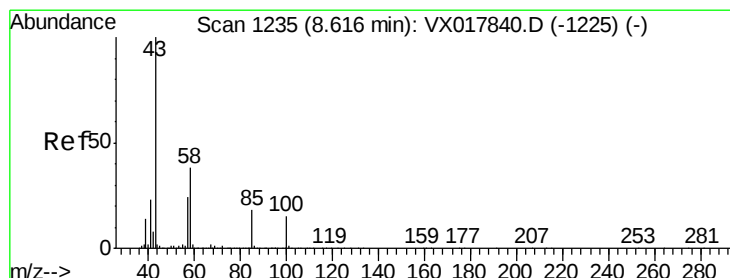
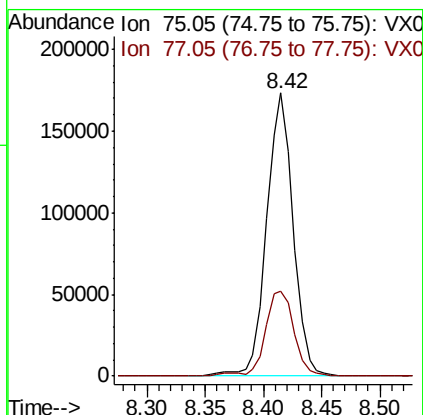
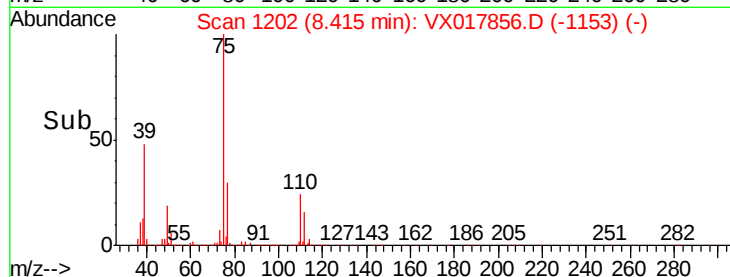
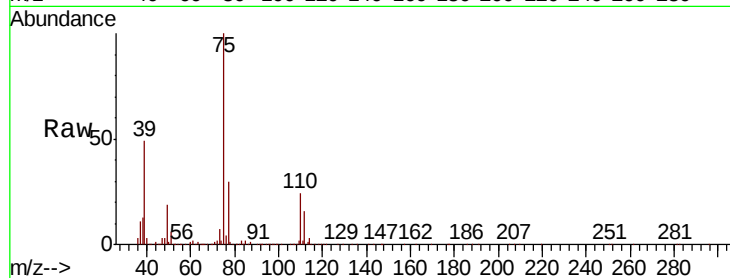
VSTD00570

Tot Ion: 75 Resp: 274912

Ion Ratio Lower Upper

75 100

77 30.1 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 55.271 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

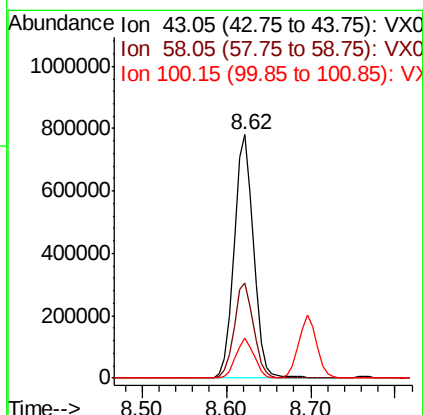
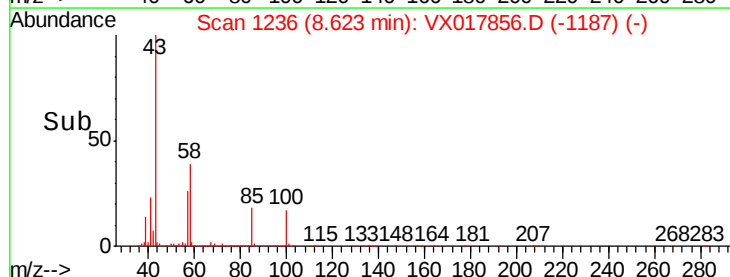
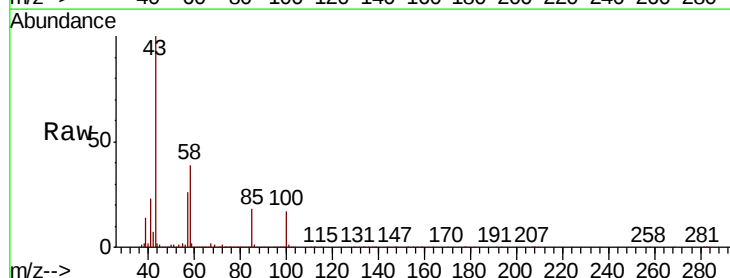
Tgt Ion: 43 Resp: 1209654

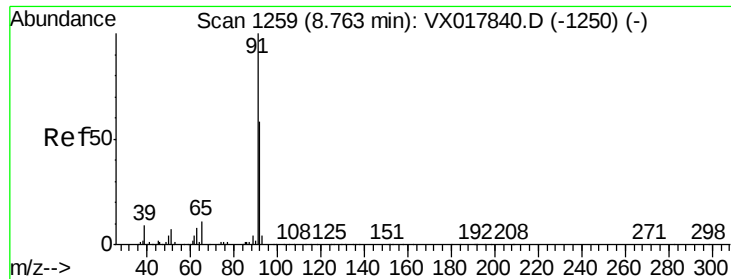
Ion Ratio Lower Upper

43 100

58 38.8 31.1 46.7

100 15.7 12.2 18.4





#42

Toluene

Concen: 5.313 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampled :

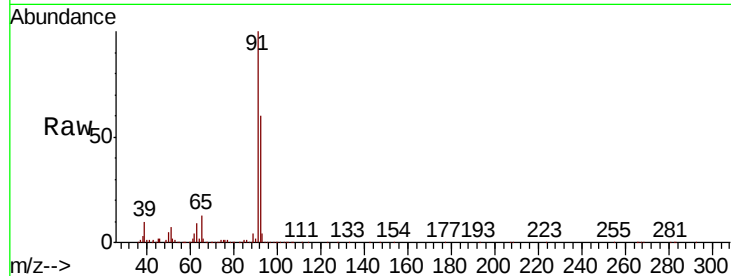
VSTD00570

Tot Ion: 91 Resp: 771019

Ion Ratio Lower Upper

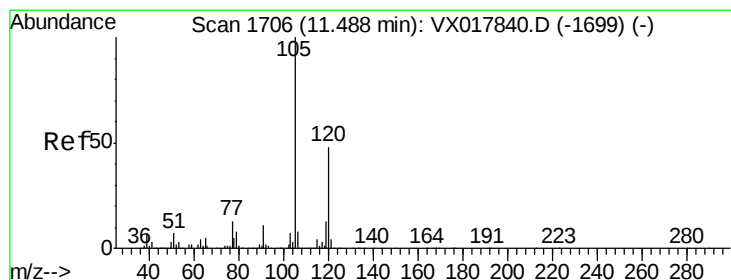
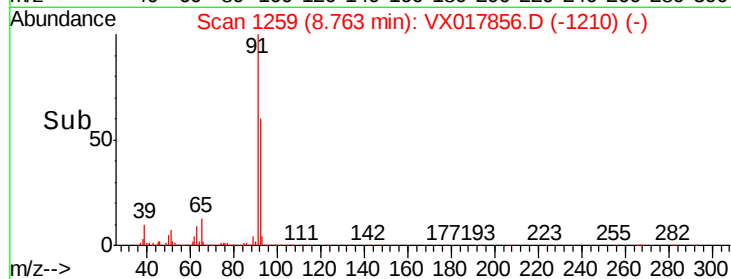
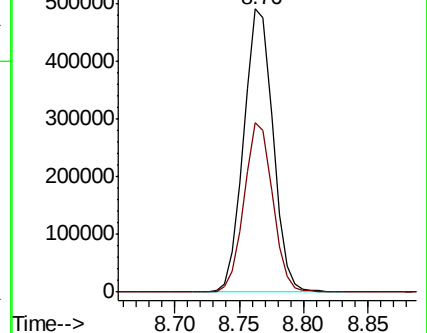
91 100

92 60.1 38.8 72.0



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#43

1,3,5-Trimethylbenzene

Concen: 5.472 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017856.D

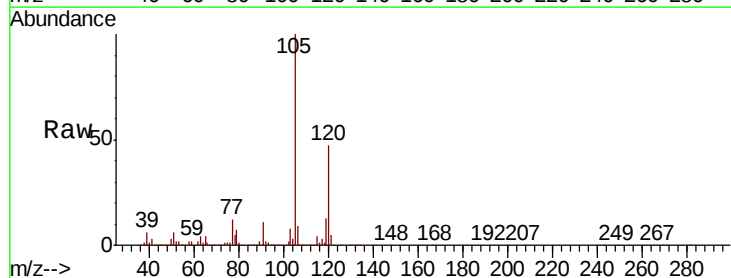
Acq: 12 Aug 2020 12:10

Tgt Ion:105 Resp: 724705

Ion Ratio Lower Upper

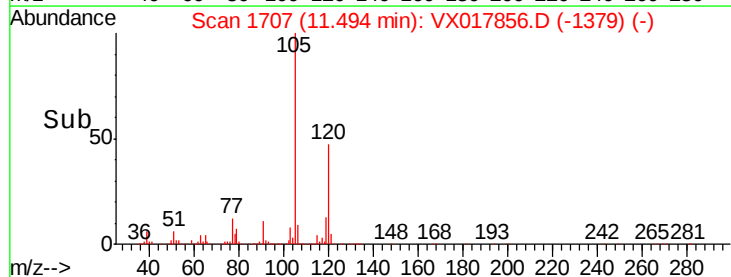
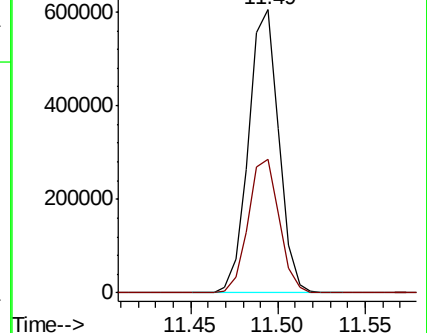
105 100

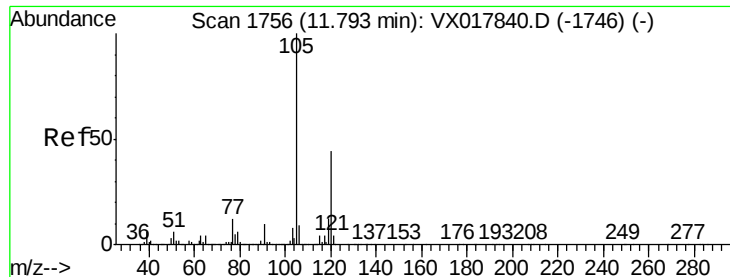
120 48.4 38.1 57.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#44

1,2,4-Trimethylbenzene

Concen: 5.503 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

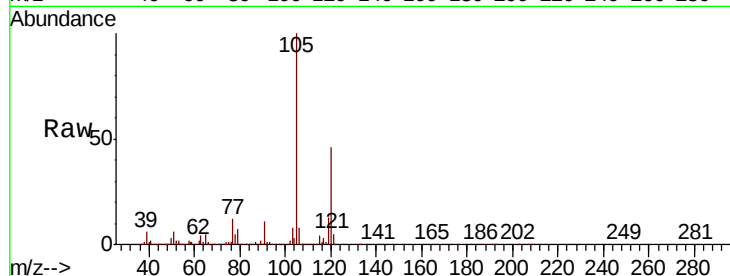
VSTD00570

Tot Ion:105 Resp: 742284

Ion Ratio Lower Upper

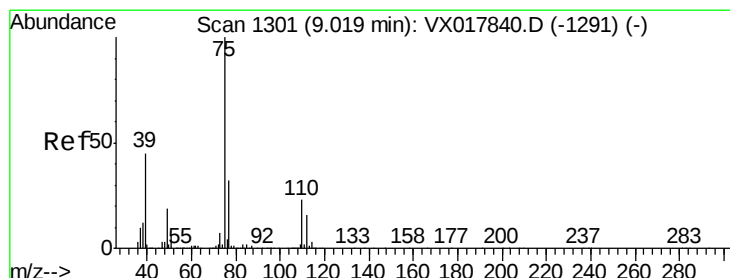
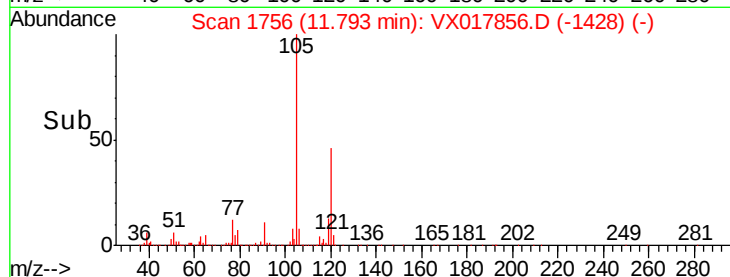
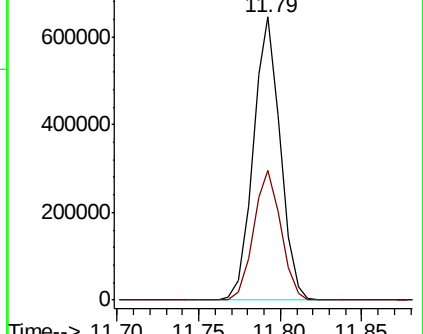
105 100

120 46.4 35.8 53.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#46

trans-1,3-Dichloropropene

Concen: 5.372 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX017856.D

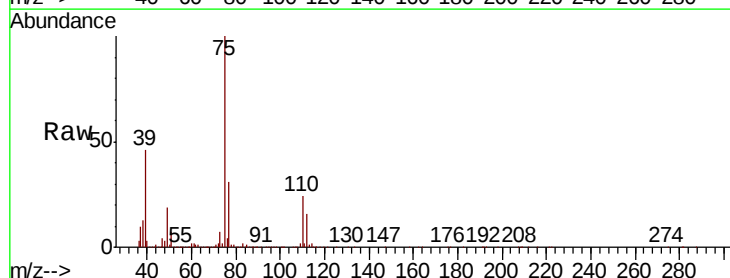
Acq: 12 Aug 2020 12:10

Tgt Ion: 75 Resp: 247989

Ion Ratio Lower Upper

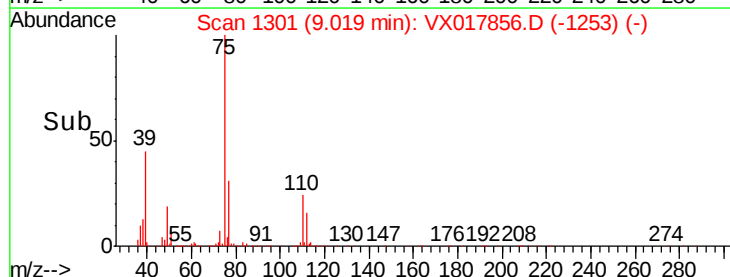
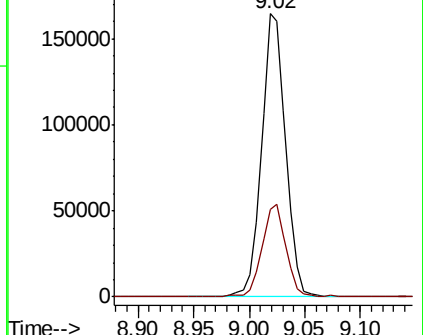
75 100

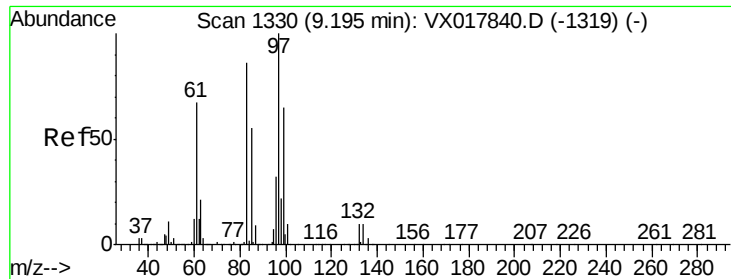
77 31.0 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

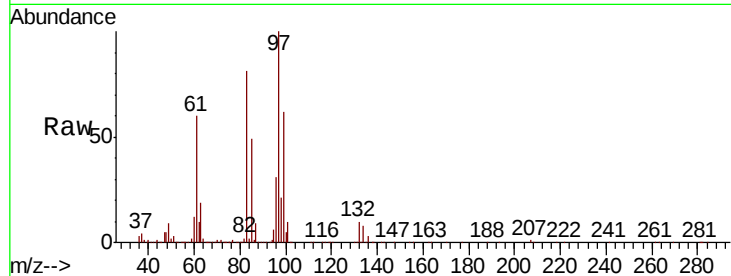




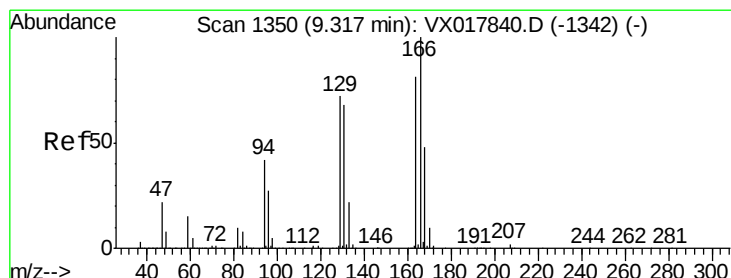
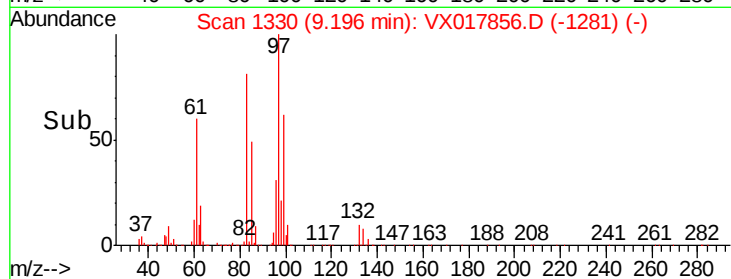
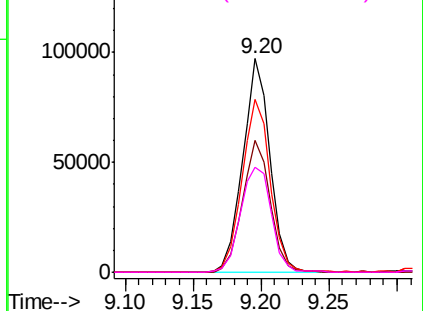
#47
 1,1,2-Trichloroethane
 Concen: 5.377 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00570

Tot Ion:	97	Resp:	135624
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.9	81.5
83	81.2	58.4	108.6
85	49.4	37.5	69.6

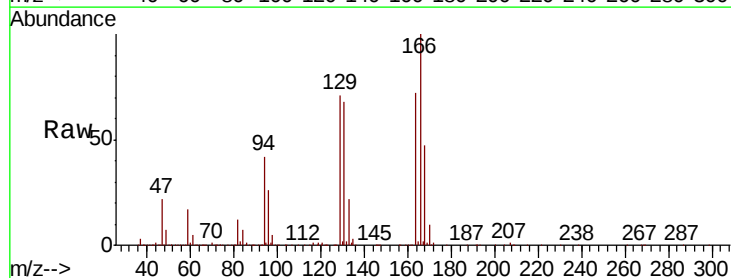


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 85.00 (84.70 to 85.70): VX0

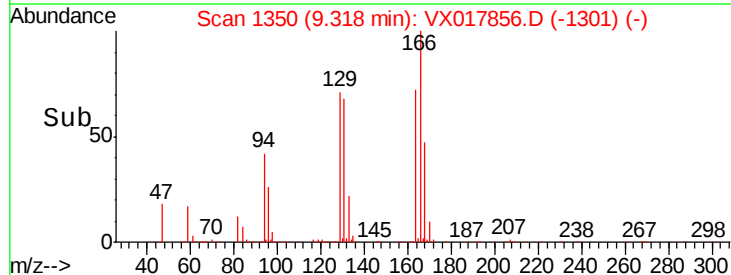
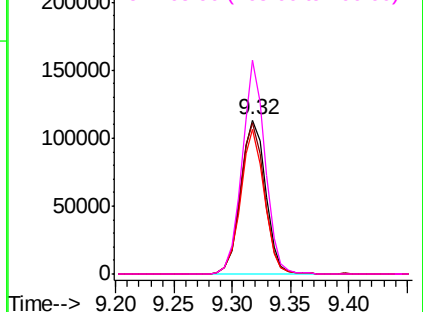


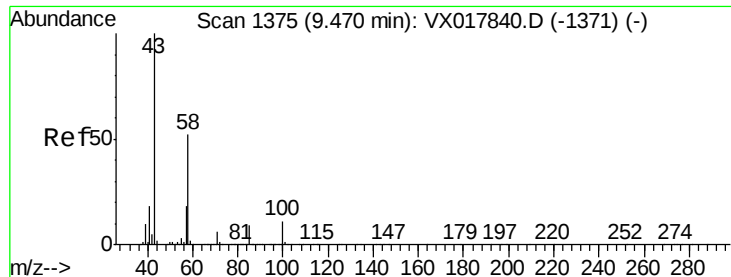
#49
 Tetrachloroethene
 Concen: 5.414 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

Tgt Ion:	164	Resp:	169007
Ion	Ratio	Lower	Upper
164	100		
129	97.7	67.4	125.2
131	93.9	65.3	121.3
166	138.6	87.2	161.9



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

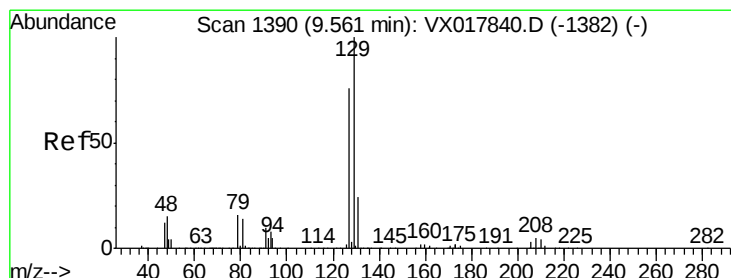
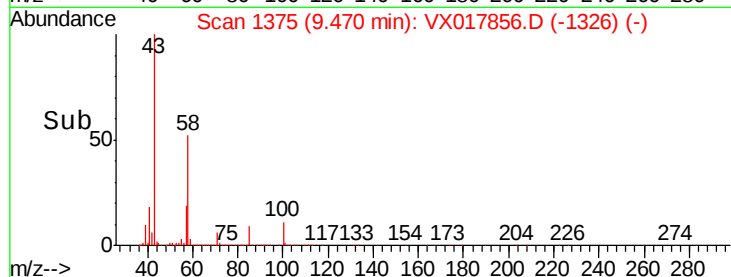
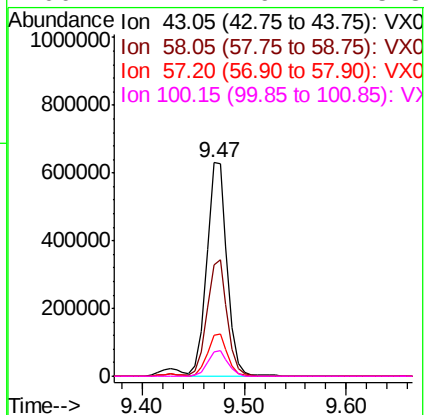
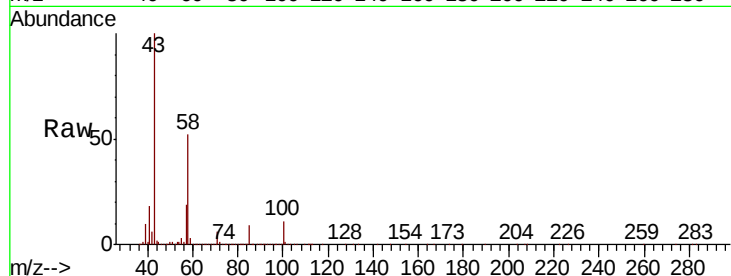




#50
2-Hexanone
Concen: 55.649 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017856.D
Acq: 12 Aug 2020 12:10

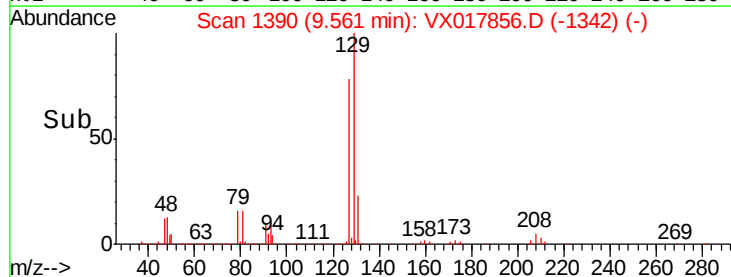
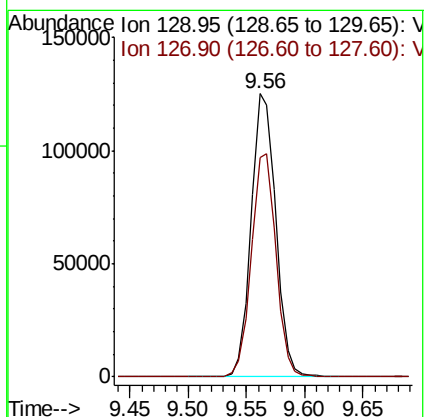
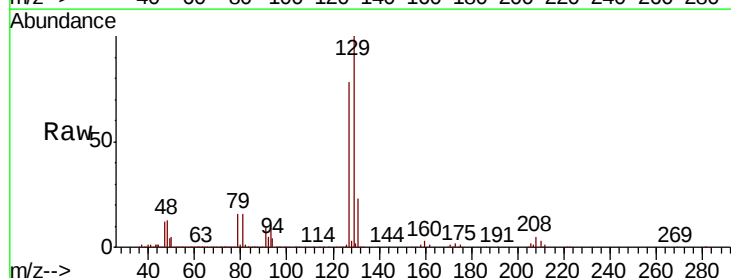
Instrument :
MSVOA_X
ClientSampleId :
VSTD00570

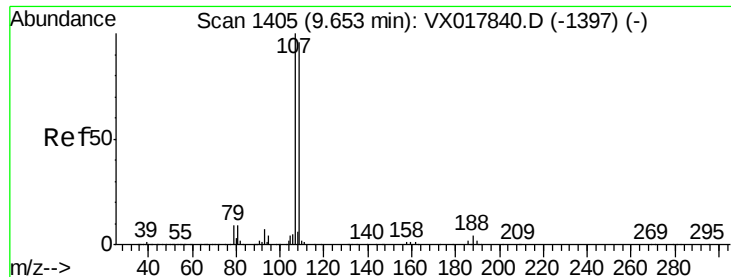
Tot Ion:	43	Resp:	872989
Ion	Ratio	Lower	Upper
43	100		
58	54.4	43.0	64.6
57	19.6	15.0	22.4
100	12.1	9.2	13.8



#51
Dibromochloromethane
Concen: 5.347 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017856.D
Acq: 12 Aug 2020 12:10

Tgt Ion:	129	Resp:	185766
Ion	Ratio	Lower	Upper
129	100		
127	77.6	52.5	97.5





#52

1,2-Dibromoethane

Concen: 5.418 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD00570

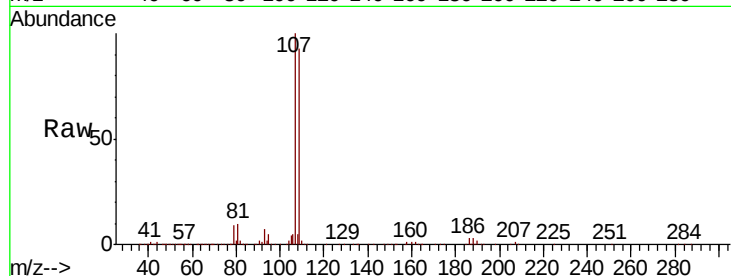
Tot Ion:107 Resp: 133774

Ion Ratio Lower Upper

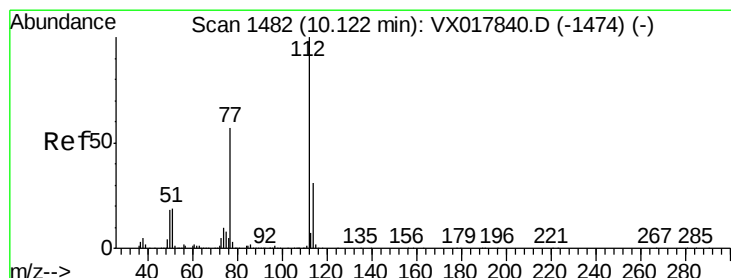
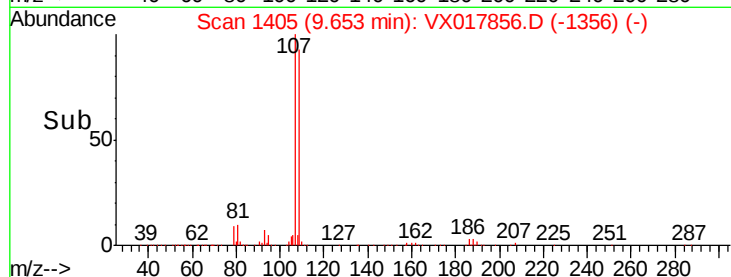
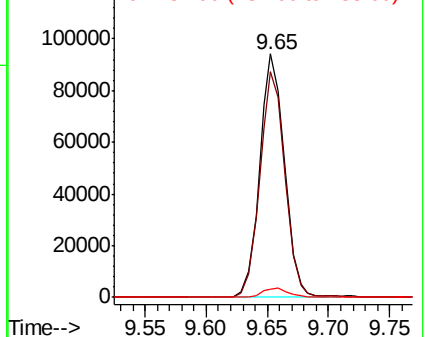
107 100

109 92.6 64.6 120.0

188 3.3 2.5 3.7



Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V



#53

Chlorobenzene

Concen: 5.355 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

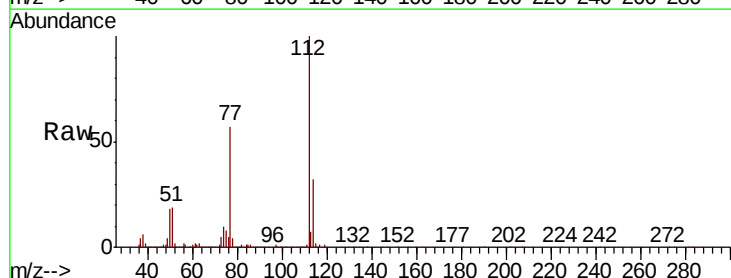
Tgt Ion:112 Resp: 505772

Ion Ratio Lower Upper

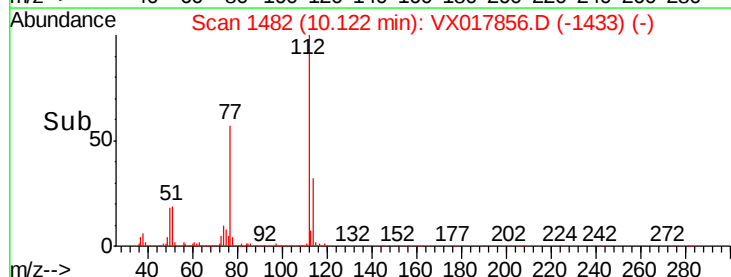
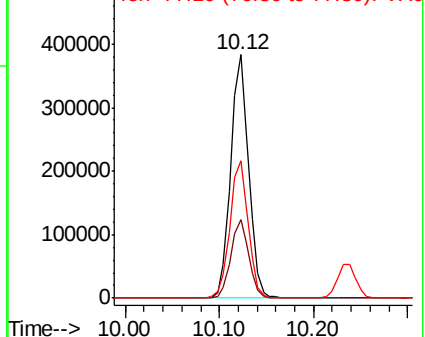
112 100

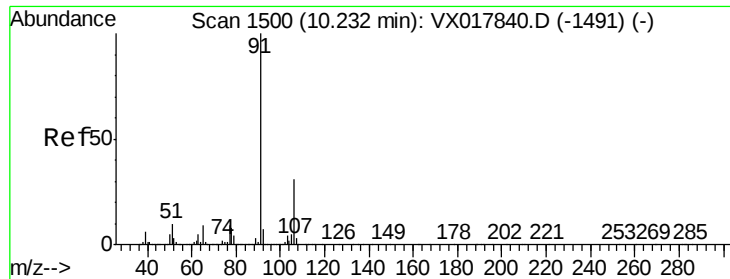
114 32.4 23.5 43.7

77 56.6 46.7 70.1



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 5.402 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

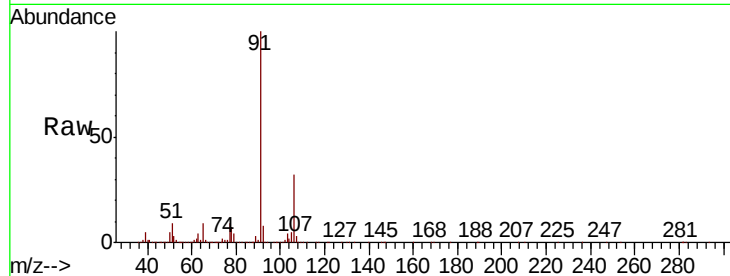
VSTD00570

Tot Ion: 91 Resp: 855453

Ion Ratio Lower Upper

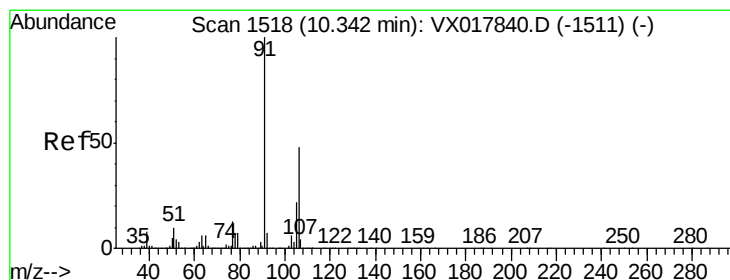
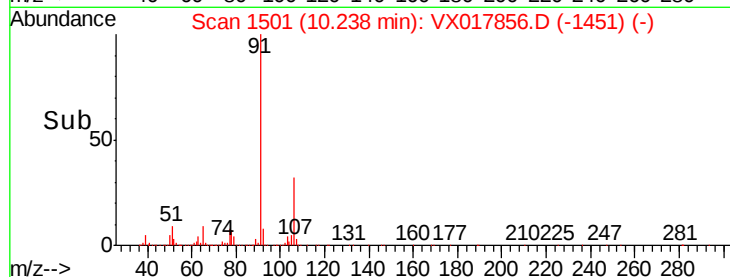
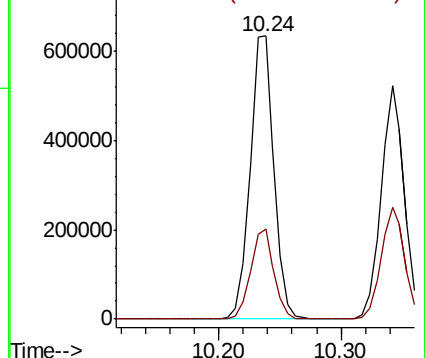
91 100

106 31.6 22.5 41.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V



#55

m,p-xylene

Concen: 5.540 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017856.D

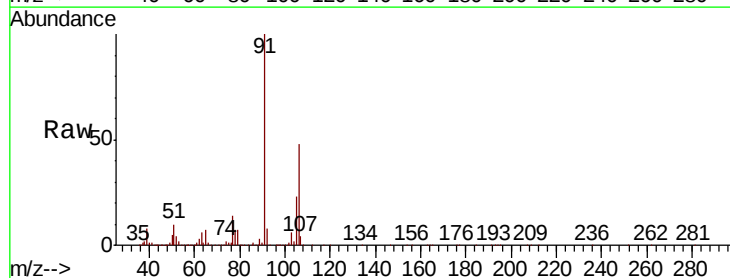
Acq: 12 Aug 2020 12:10

Tgt Ion: 106 Resp: 334967

Ion Ratio Lower Upper

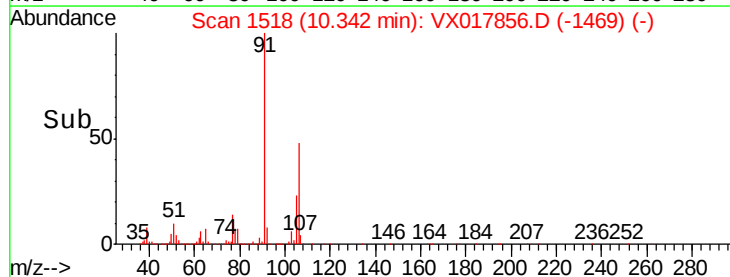
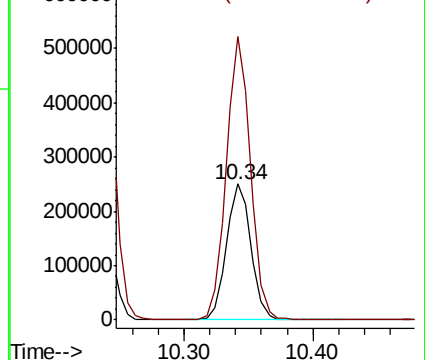
106 100

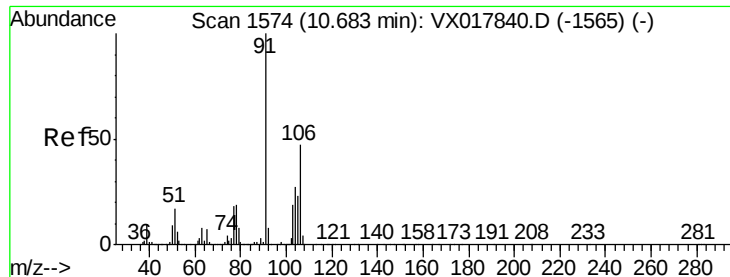
91 207.9 143.3 266.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

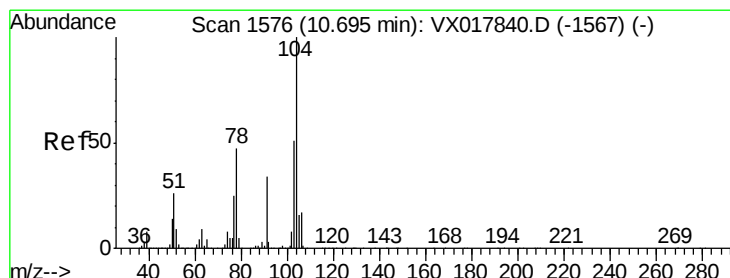
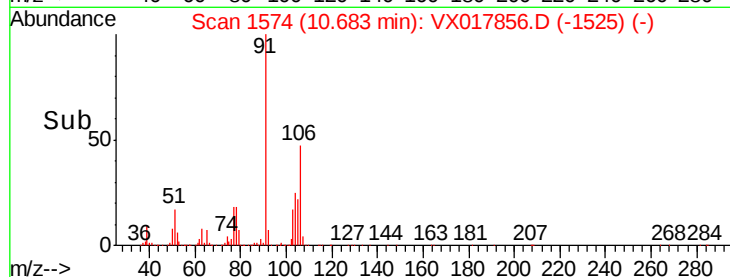
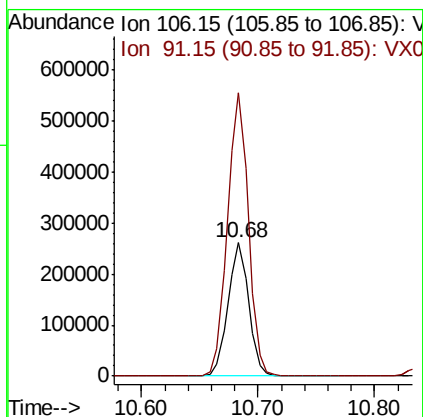
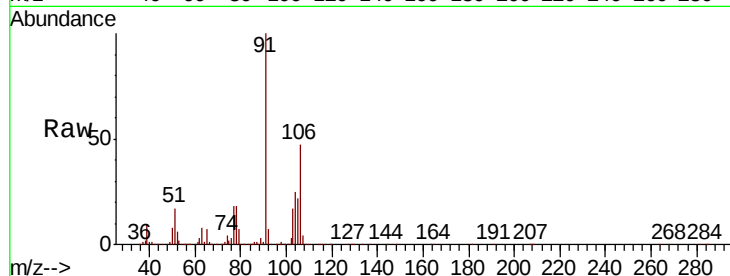




#56
o-xylene
Concen: 5.514 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017856.D
Acq: 12 Aug 2020 12:10

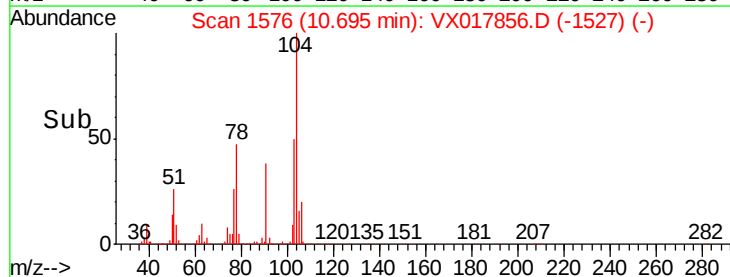
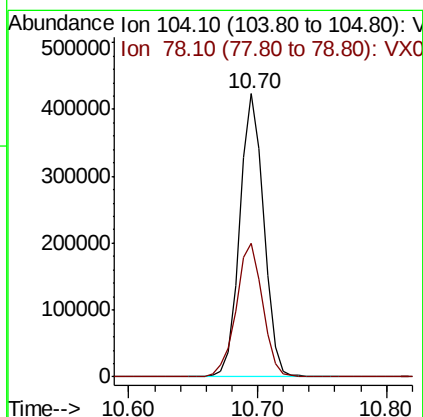
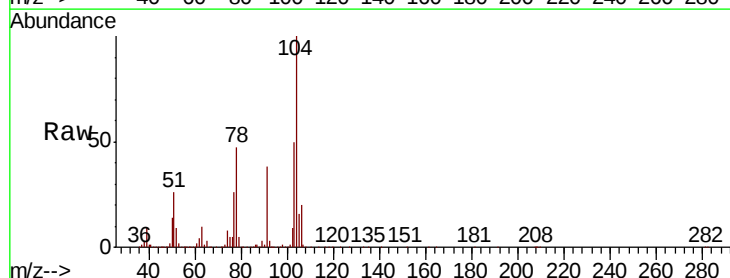
Instrument :
MSVOA_X
ClientSampleId :
VSTD00570

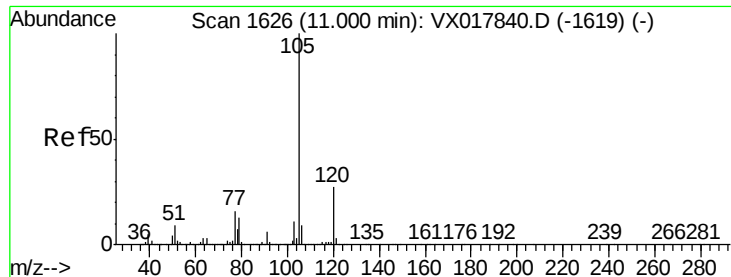
Tot Ion:106 Resp: 323284
Ion Ratio Lower Upper
106 100
91 212.6 149.8 278.2



#57
Styrene
Concen: 5.508 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017856.D
Acq: 12 Aug 2020 12:10

Tgt Ion:104 Resp: 546084
Ion Ratio Lower Upper
104 100
78 47.1 33.7 62.5





#58

Isopropylbenzene

Concen: 5.475 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD00570

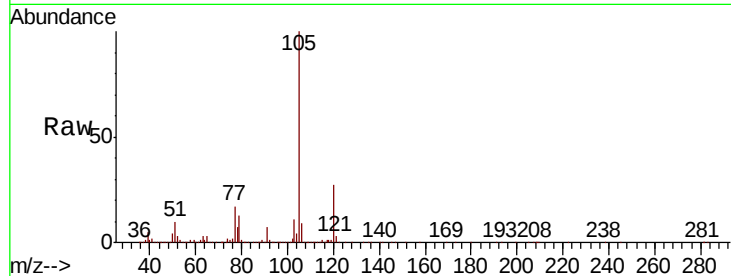
Tot Ion: 105 Resp: 859106

Ion Ratio Lower Upper

105 100

120 26.9 21.8 32.6

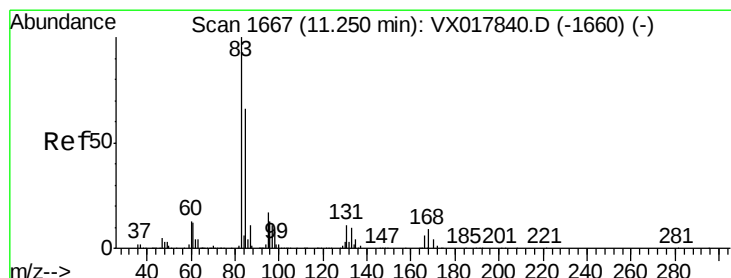
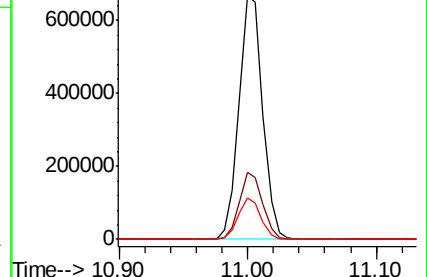
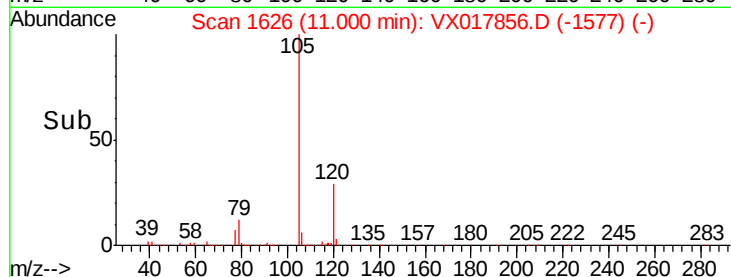
77 16.3 12.8 19.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#60

1,1,2,2-Tetrachloroethane

Concen: 5.401 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

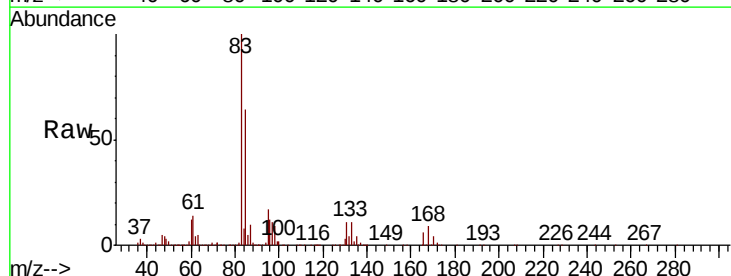
Tgt Ion: 83 Resp: 149613

Ion Ratio Lower Upper

83 100

85 63.6 44.6 82.8

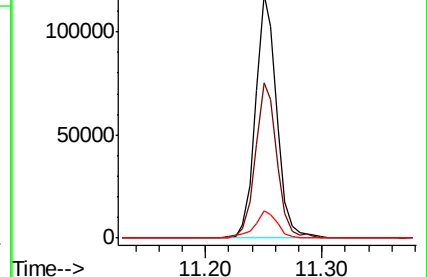
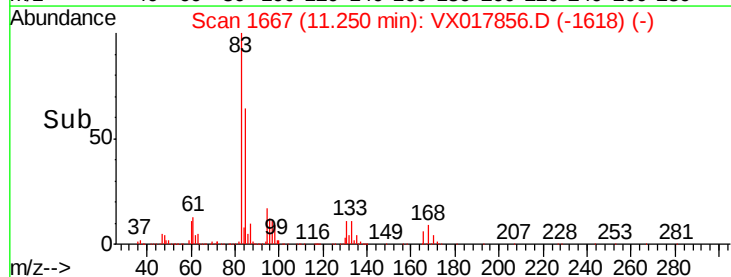
131 11.4 8.2 12.2

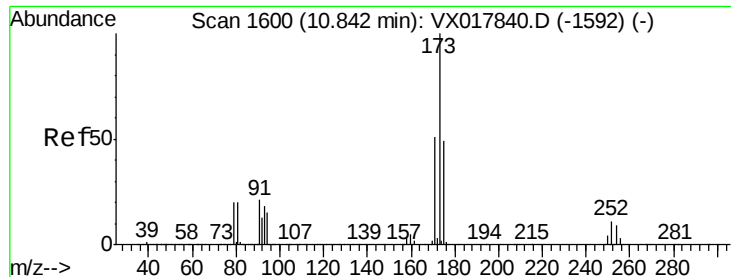


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 5.794 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTD00570

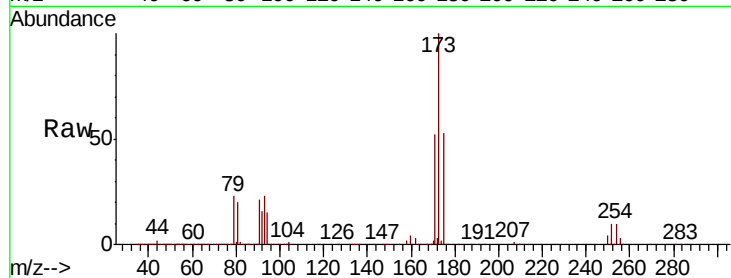
Tot Ion:173 Resp: 107269

Ion Ratio Lower Upper

173 100

175 49.1 40.0 60.0

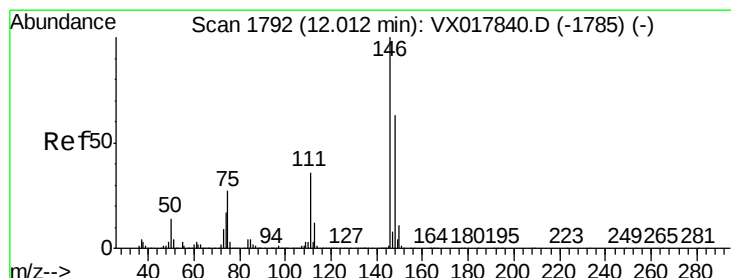
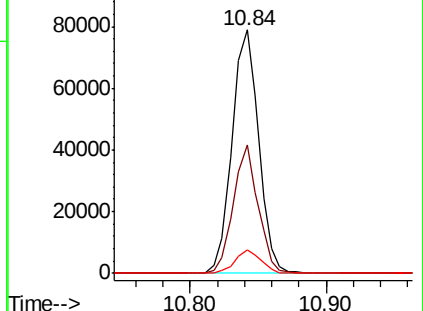
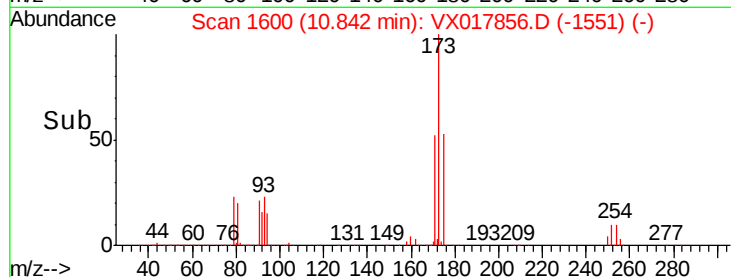
254 9.5 7.7 11.5



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 5.570 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX017856.D

Acq: 12 Aug 2020 12:10

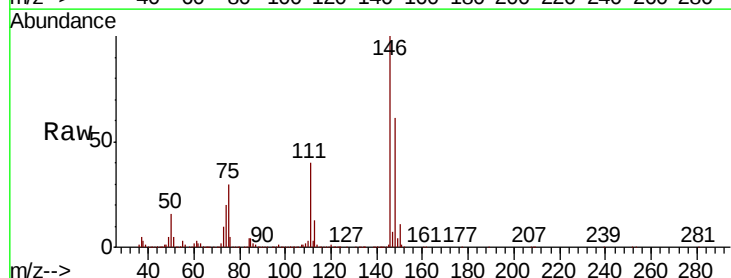
Tgt Ion:146 Resp: 401593

Ion Ratio Lower Upper

146 100

111 40.5 27.6 51.4

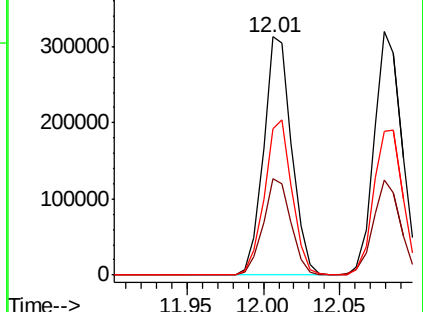
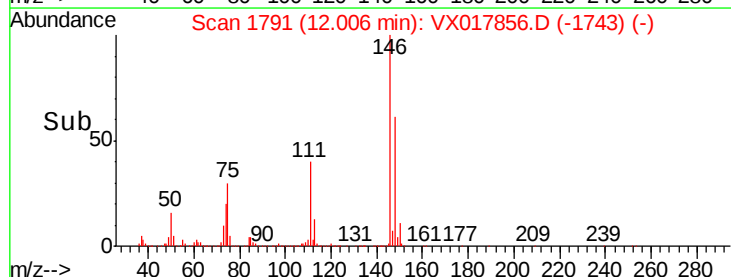
148 61.5 43.9 81.5

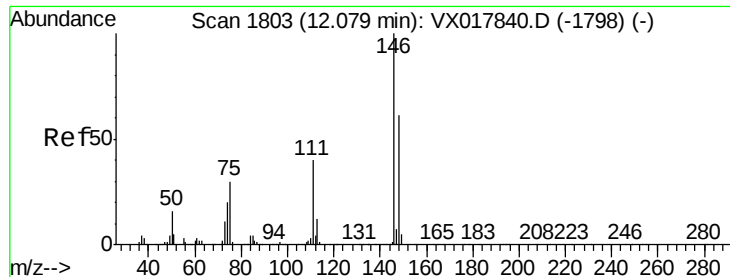


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

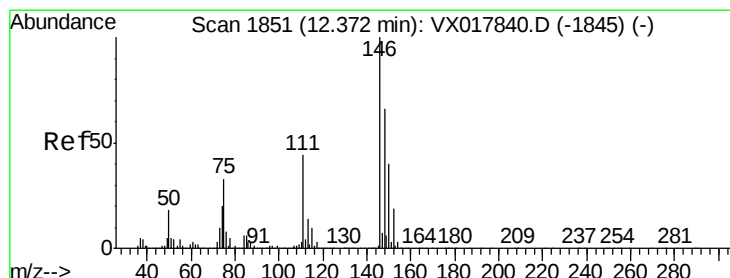
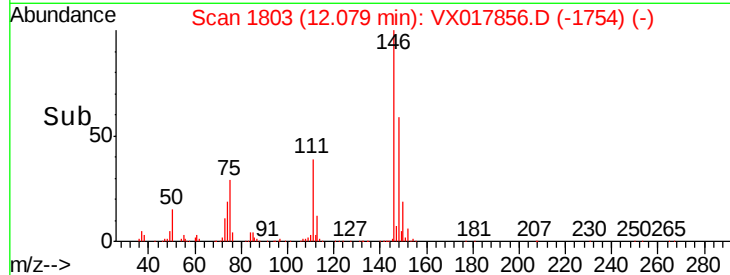
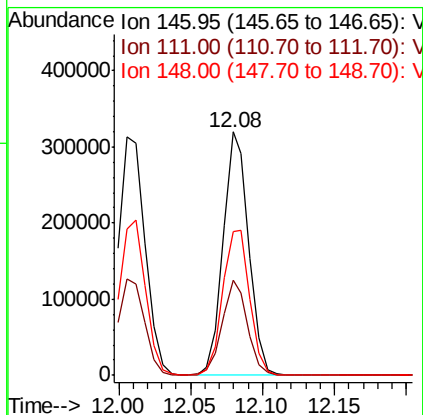
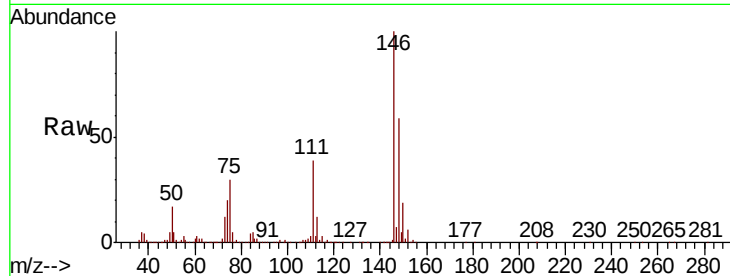




#64
 1,4-Dichlorobenzene
 Concen: 5.562 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

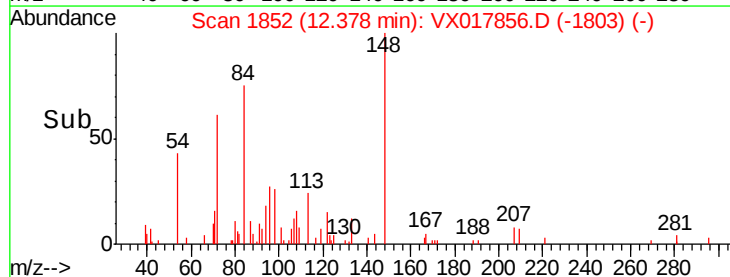
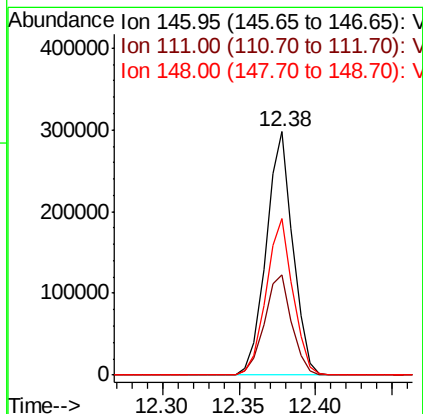
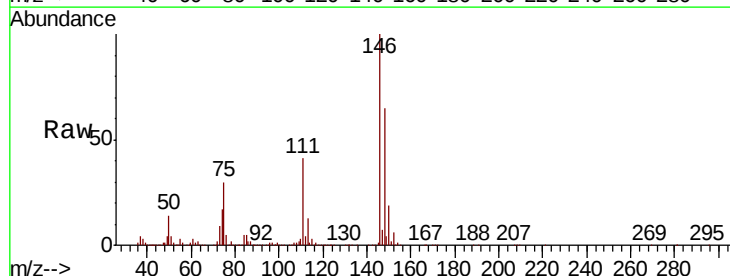
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD00570

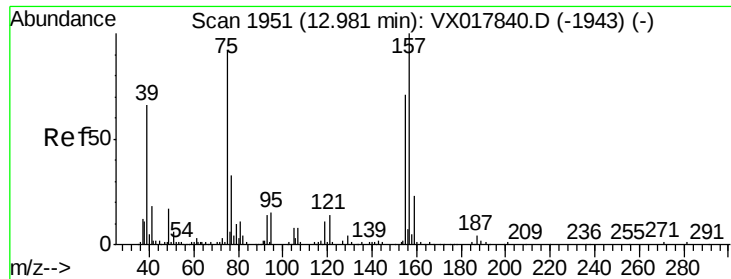
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	26.0	48.2
148	59.2	43.2	80.2



#66
 1,2-Dichlorobenzene
 Concen: 5.407 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	32.2	48.4
148	64.6	52.3	78.5

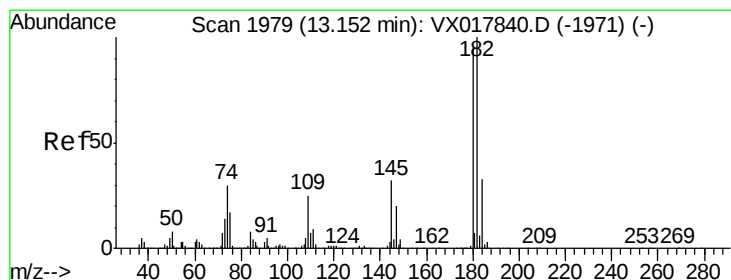
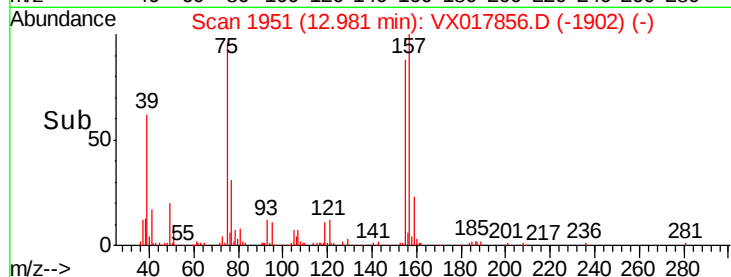
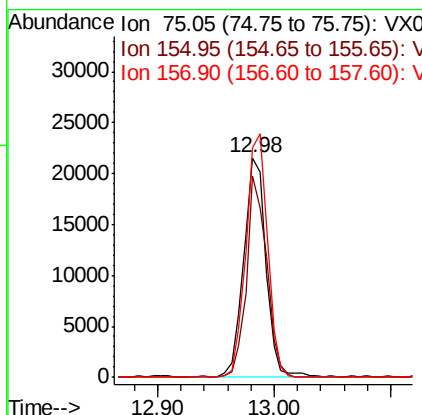
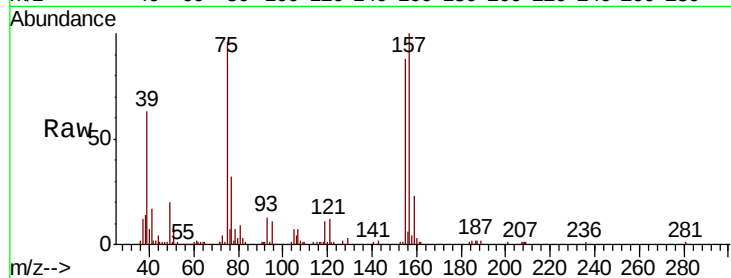




#67
 1,2-Dibromo-3-chloropropane
 Concen: 4.999 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

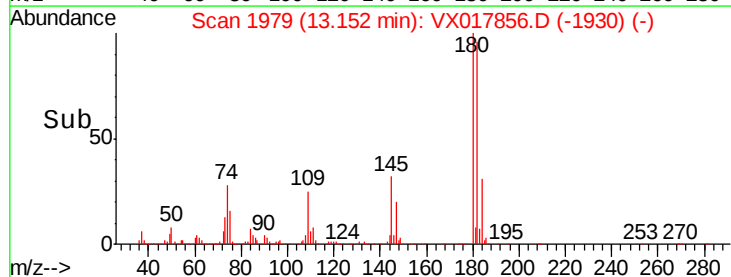
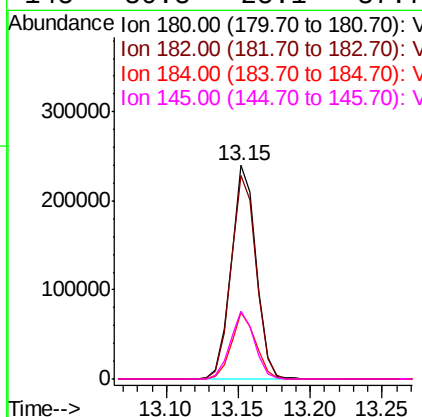
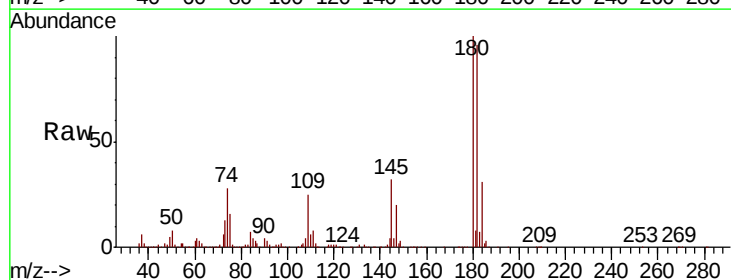
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00570

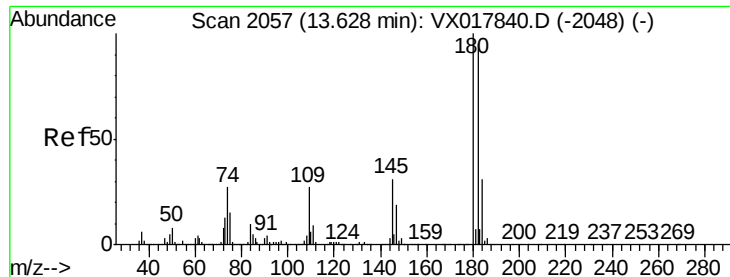
Tot Ion: 75 Resp: 29087
 Ion Ratio Lower Upper
 75 100
 155 91.8 60.9 91.3#
 157 104.5 83.3 124.9



#68
 1,3,5-Trichlorobenzene
 Concen: 5.480 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

Tgt Ion: 180 Resp: 291763
 Ion Ratio Lower Upper
 180 100
 182 96.1 80.2 120.4
 184 30.2 24.9 37.3
 145 30.8 25.1 37.7

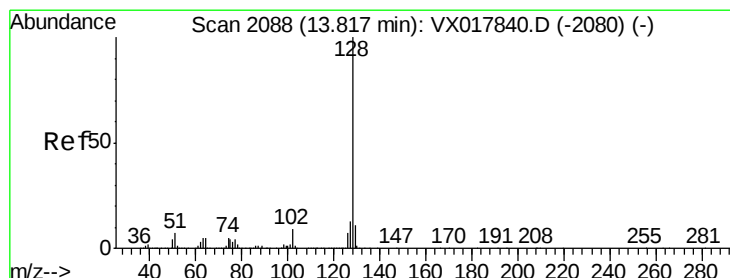
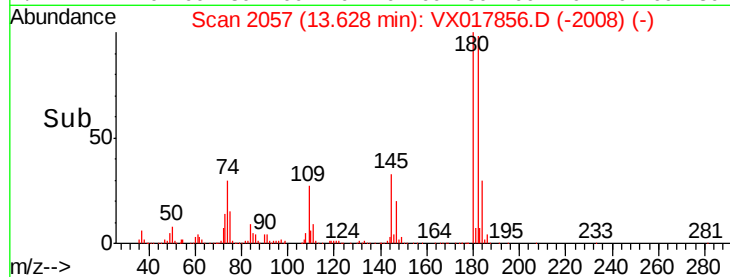
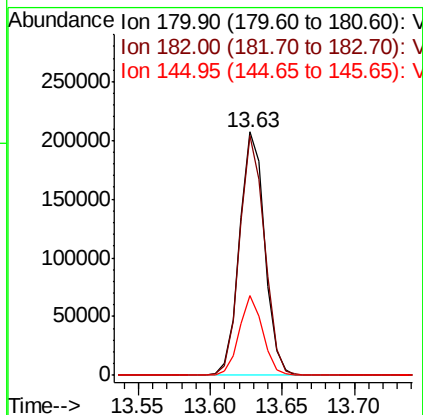
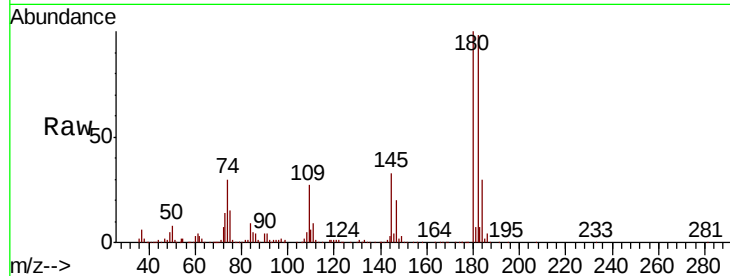




#69
 1,2,4-trichlorobenzene
 Concen: 5.332 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

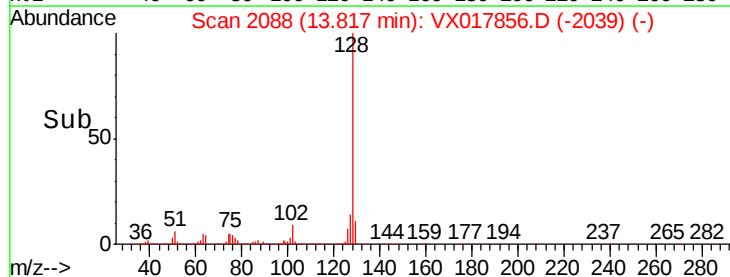
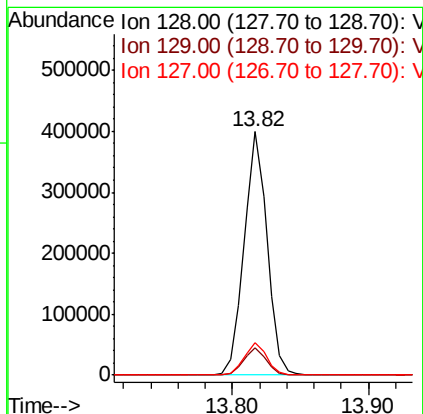
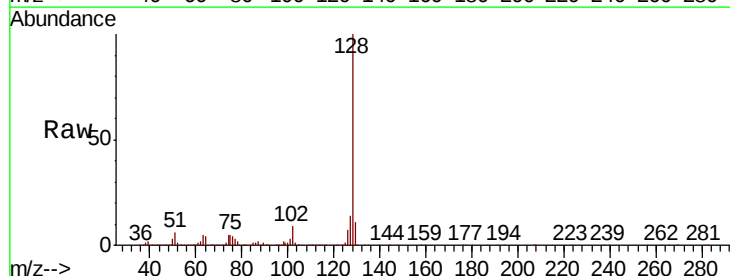
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD00570

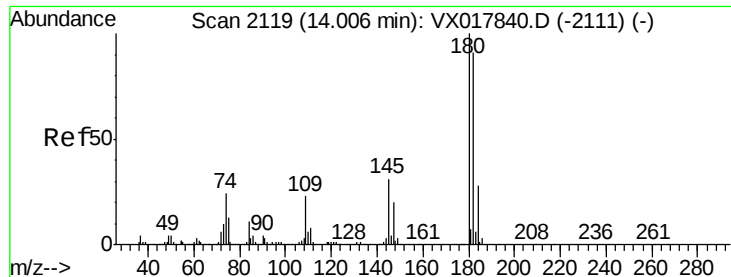
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.5	114.7
145	30.8	25.4	38.0



#70
 Naphthalene
 Concen: 5.414 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.4	12.6
127	13.3	11.0	16.4





#71
 1,2,3-Trichlorobenzene
 Concen: 5.472 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX017856.D
 Acq: 12 Aug 2020 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00570

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.6	75.4	113.0
145	32.8	27.4	41.0

