

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
 Data File : VX018740.D
 Acq On : 02 Oct 2020 11:19
 Operator : JC/SP
 Sample : VSTD00566
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00566

Quant Time: Oct 02 11:54:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 11:50:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	189051	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	178115	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	95439	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55683	4.44	ug/L	0.00
7) Chloroethane-d5	1.70	69	41367	4.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	125289	4.80	ug/L	0.00
20) 2-Butanone-d5	4.56	46	143715	43.81	ug/L	0.00
24) Chloroform-d	5.13	84	133681	5.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.04	65	81036	5.51	ug/L	0.00
32) Benzene-d6	6.05	84	224367	4.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	64034	4.42	ug/L	0.00
41) Toluene-d8	8.70	98	224707	4.95	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	34659	5.31	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	121082	46.68	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	54082	4.83	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	88864	4.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	66637	3.320 ug/L	100
3) Chloromethane	1.31	50	45668	2.838 ug/L	100
5) Vinyl chloride	1.39	62	53969	3.318 ug/L	100
6) Bromomethane	1.64	94	30107	3.190 ug/L	100
8) Chloroethane	1.71	64	30769	3.365 ug/L	100
9) Trichlorofluoromethane	1.92	101	111967	4.131 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	55252	3.847 ug/L	100
12) 1,1-Dichloroethene	2.35	96	48473	3.641 ug/L	100
13) Acetone	2.46	43	79715	34.254 ug/L	100
14) Carbon disulfide	2.55	76	150615	3.175 ug/L	100
15) Methyl Acetate	2.76	43	18081	2.673 ug/L	100
16) Methylene chloride	2.84	84	51244	2.758 ug/L	100
17) Methyl tert-butyl Ether	3.17	73	123544	3.468 ug/L	100
18) trans-1,2-Dichloroethene	3.14	96	50486	3.336 ug/L	100
19) 1,1-Dichloroethane	3.67	63	92956	3.453 ug/L	100
21) 2-Butanone	4.66	43	119014	30.306 ug/L	100
22) cis-1,2-Dichloroethene	4.57	96	52681	3.338 ug/L	100
23) Bromochloromethane	4.98	128	25597	3.458 ug/L	100
25) Chloroform	5.18	83	108842	3.705 ug/L	100
27) 1,2-Dichloroethane	6.17	62	75487	3.973 ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	110660	4.022 ug/L	100
30) Cyclohexane	5.56	56	73698	3.213 ug/L	100
31) Carbon tetrachloride	5.75	117	102181	4.015 ug/L	100
33) Benzene	6.11	78	196006	3.407 ug/L	100
34) Trichloroethene	7.19	95	57321	3.380 ug/L	100
35) Methylcyclohexane	7.44	83	83009	3.506 ug/L	100
37) 1,2-Dichloropropane	7.49	63	45628	3.169 ug/L	100
38) Bromodichloromethane	7.88	83	76339	3.722 ug/L	100
39) cis-1,3-Dichloropropene	8.41	75	77679	3.460 ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	285071	30.898 ug/L	100

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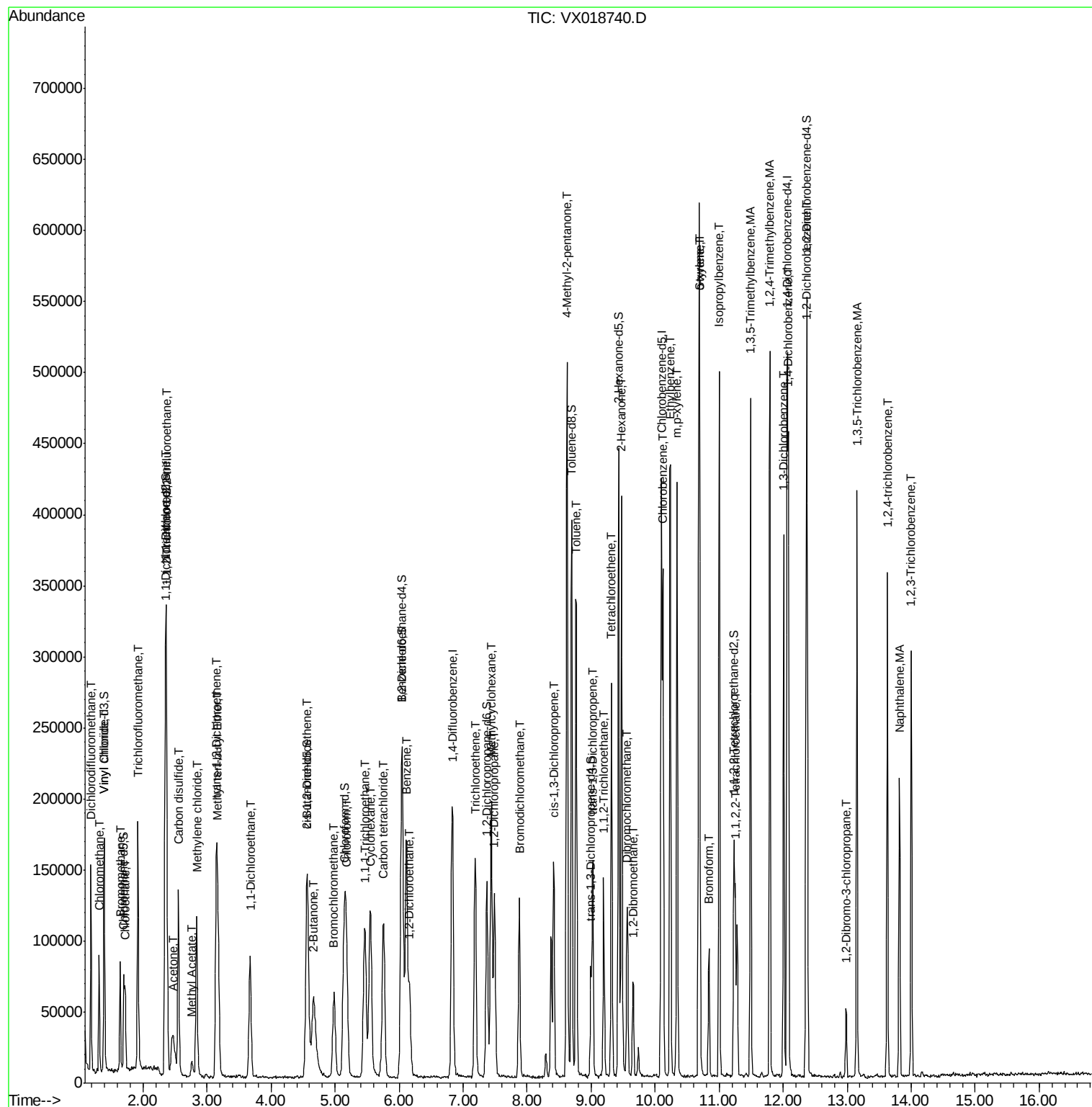
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	218334	3.491	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	212142	3.702	ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	218721	3.744	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	72022	3.595	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	37511	3.446	ug/L	100
49) Tetrachloroethene	9.32	164	51615	3.760	ug/L	100
50) 2-Hexanone	9.48	43	210915	31.919	ug/L	100
51) Dibromochloromethane	9.57	129	52039	3.461	ug/L	100
52) 1,2-Dibromoethane	9.65	107	34903	3.302	ug/L	100
53) Chlorobenzene	10.12	112	148800	3.610	ug/L	100
54) Ethylbenzene	10.24	91	245263	3.569	ug/L	100
55) m,p-xylene	10.34	106	96283	3.685	ug/L	100
56) o-xylene	10.68	106	89628	3.544	ug/L	100
57) Styrene	10.69	104	150161	3.531	ug/L	100
58) Isopropylbenzene	11.00	105	251962	3.695	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	41843	3.502	ug/L	100
62) Bromoform	10.84	173	32737	3.698	ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	122126	3.597	ug/L	100
64) 1,4-Dichlorobenzene	12.08	146	124998	3.682	ug/L	100
66) 1,2-Dichlorobenzene	12.38	146	117196	3.672	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.98	75	9501	3.413	ug/L	100
68) 1,3,5-Trichlorobenzene	13.15	180	94636	3.730	ug/L	100
69) 1,2,4-trichlorobenzene	13.63	180	77335	3.473	ug/L	100
70) Naphthalene	13.82	128	123246	3.065	ug/L	100
71) 1,2,3-Trichlorobenzene	14.01	180	71743	3.452	ug/L	100

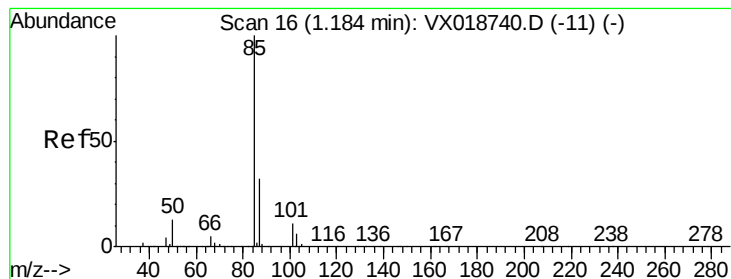
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 3.320 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

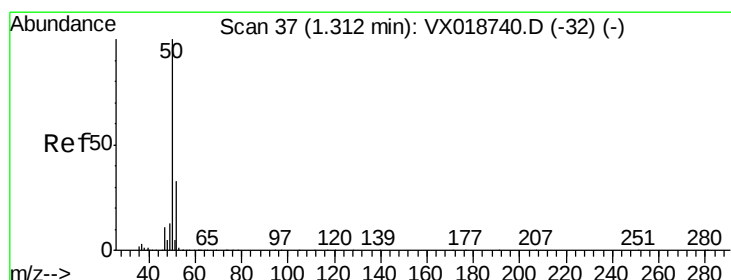
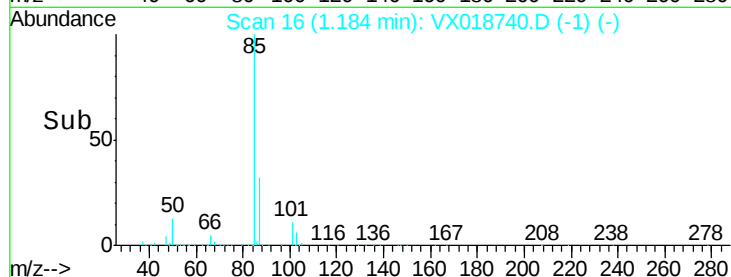
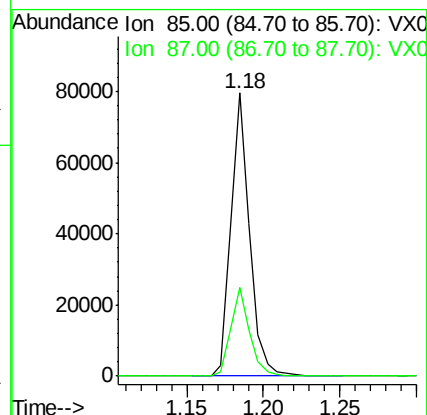
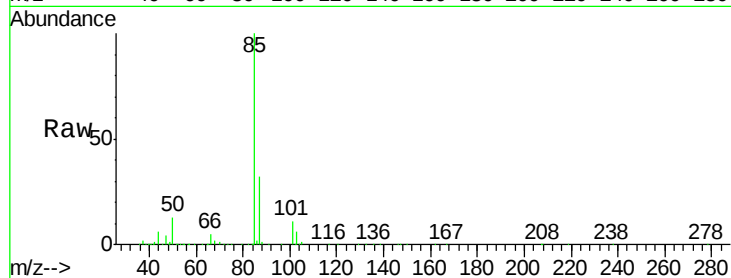
VSTD00566

Tgt Ion: 85 Resp: 66637

Ion Ratio Lower Upper

85 100

87 31.7 25.4 38.0



#3

Chloromethane

Concen: 2.838 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018740.D

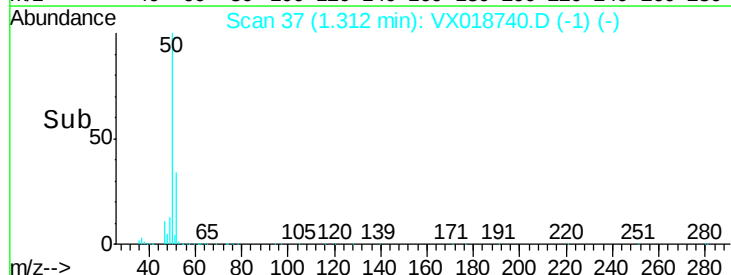
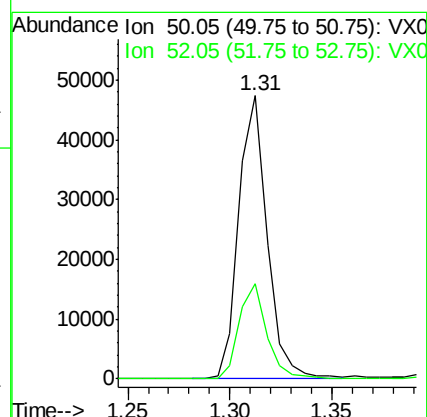
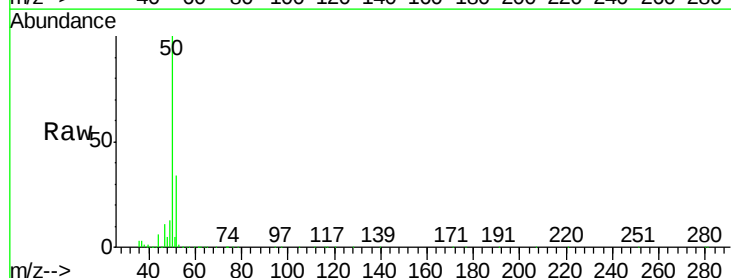
Acq: 02 Oct 2020 11:19

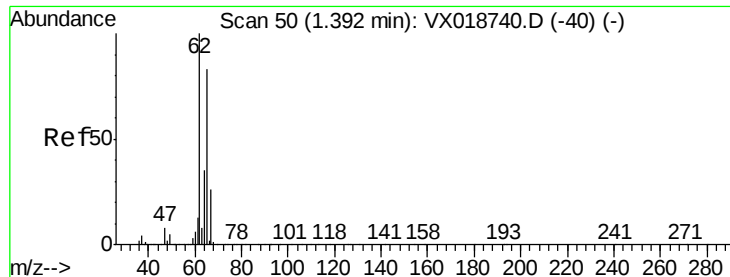
Tgt Ion: 50 Resp: 45668

Ion Ratio Lower Upper

50 100

52 33.5 23.4 43.6





#5

Vinyl chloride

Concen: 3.318 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

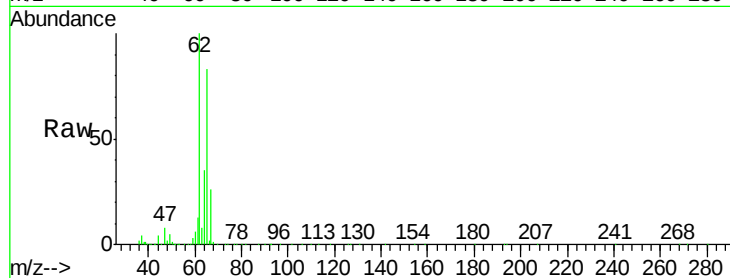
VSTD00566

Tgt Ion: 62 Resp: 53969

Ion Ratio Lower Upper

62 100

64 34.7 24.3 45.1



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0

1.39

60000

50000

40000

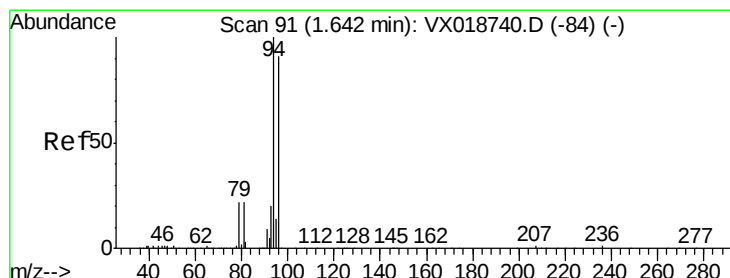
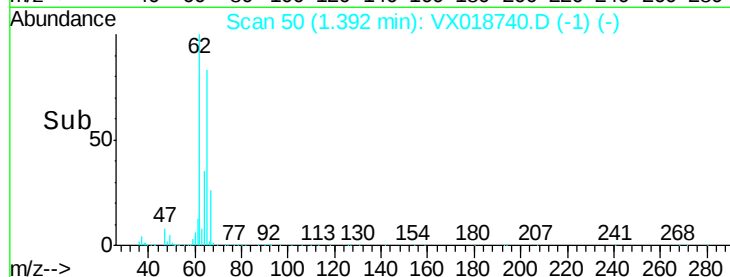
30000

20000

10000

0

Time-->



#6

Bromomethane

Concen: 3.190 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018740.D

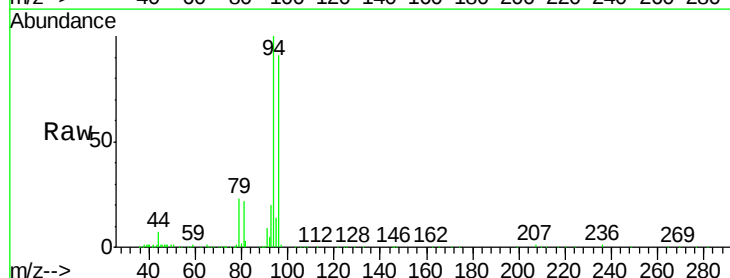
Acq: 02 Oct 2020 11:19

Tgt Ion: 94 Resp: 30107

Ion Ratio Lower Upper

94 100

96 90.7 63.5 117.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

30000

25000

20000

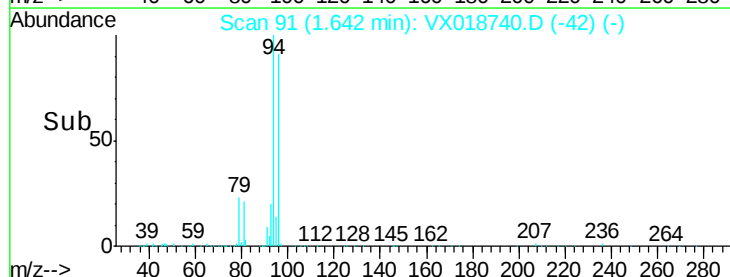
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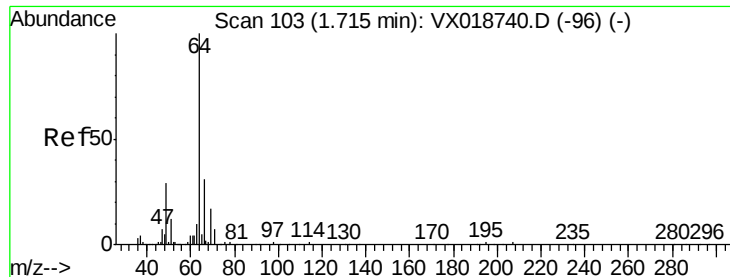
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5000

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Time-->





#8

Chloroethane

Concen: 3.365 ug/L

RT: 1.71 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampled :

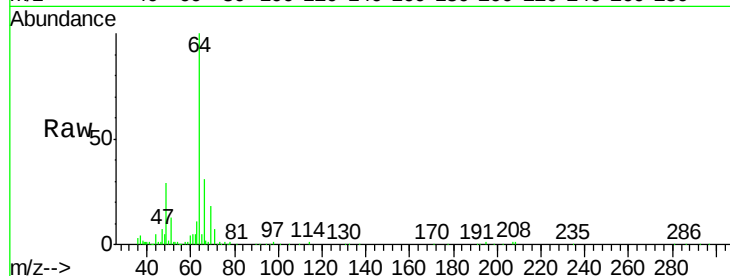
VSTD00566

Tgt Ion: 64 Resp: 30769

Ion Ratio Lower Upper

64 100

66 30.7 21.5 39.9



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0

1.71

25000

20000

15000

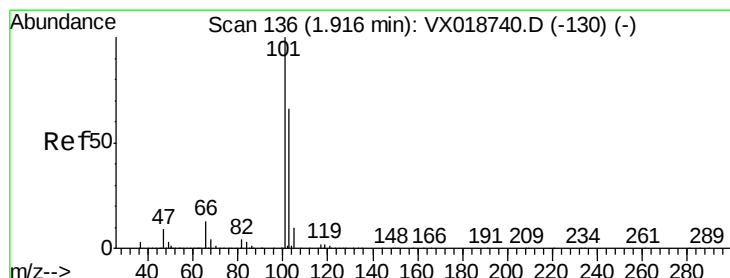
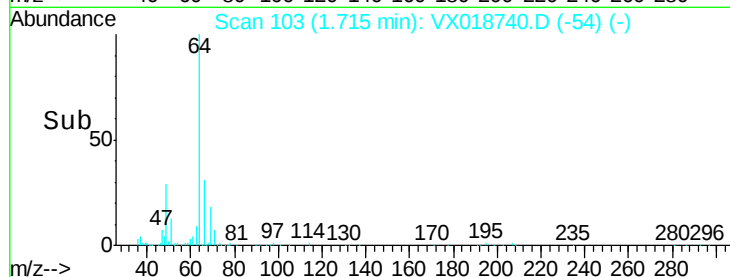
10000

5000

0

1.65 1.70 1.75 1.80

Time-->



#9

Trichlorofluoromethane

Concen: 4.131 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX018740.D

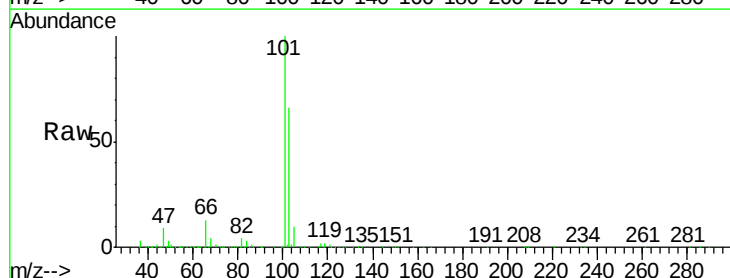
Acq: 02 Oct 2020 11:19

Tgt Ion: 101 Resp: 111967

Ion Ratio Lower Upper

101 100

103 65.3 52.2 78.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.92

80000

60000

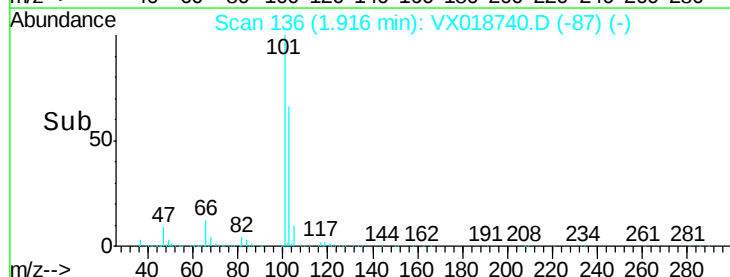
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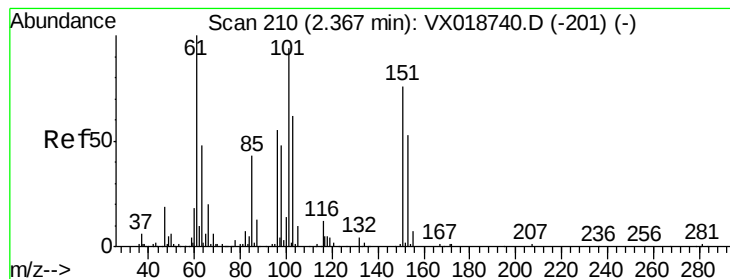
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0

1.85 1.90 1.95 2.00

Time-->





#10

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

Concen: 3.847 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD00566

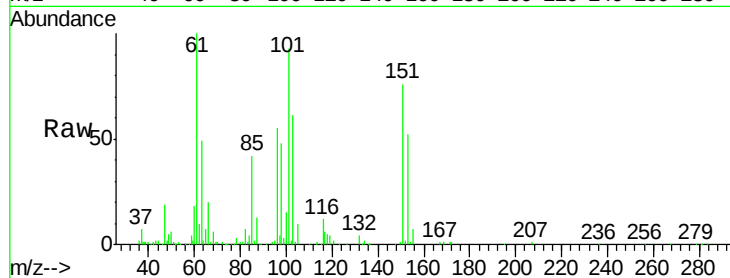
Tgt Ion: 101 Resp: 55252

Ion Ratio Lower Upper

101 100

85 46.4 37.1 55.7

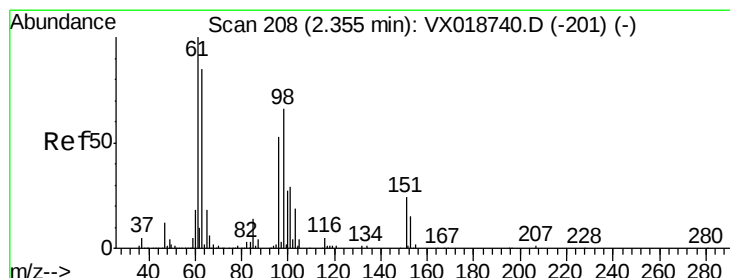
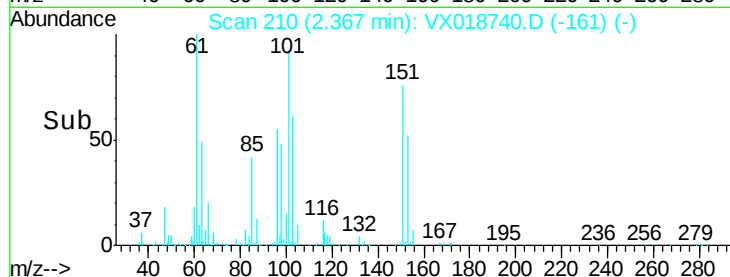
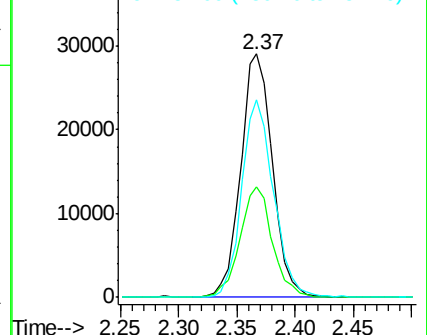
151 81.3 65.0 97.6



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: 3.641 ug/L

RT: 2.35 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

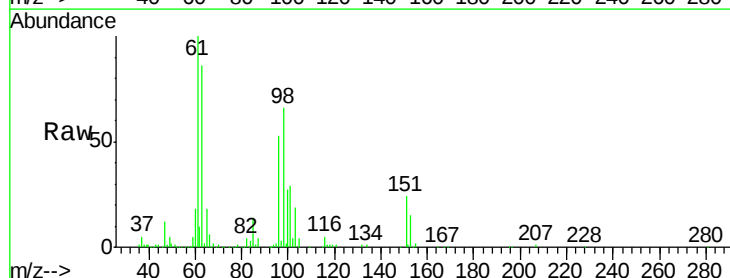
Tgt Ion: 96 Resp: 48473

Ion Ratio Lower Upper

96 100

61 190.3 133.2 247.4

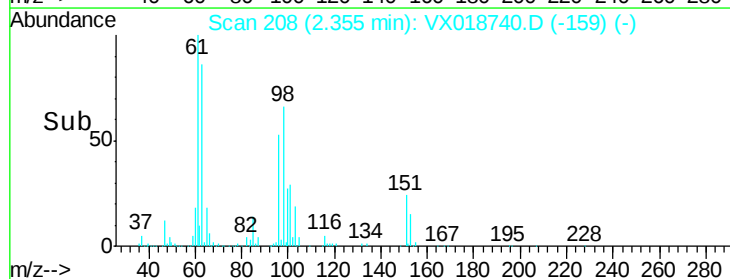
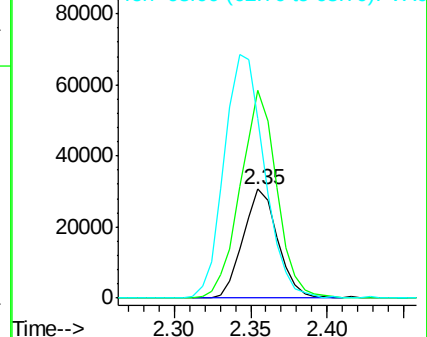
63 164.4 115.1 213.7

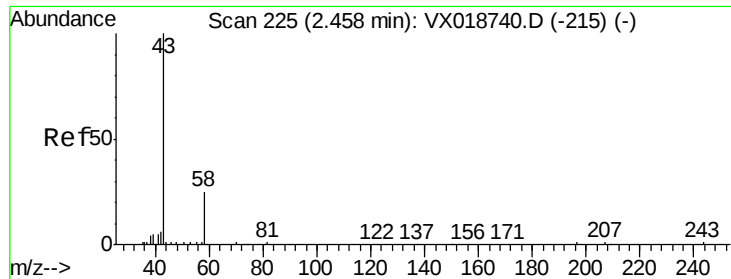


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 34.254 ug/L

RT: 2.46 min Scan# 225

Delta R.T. 0.00 min

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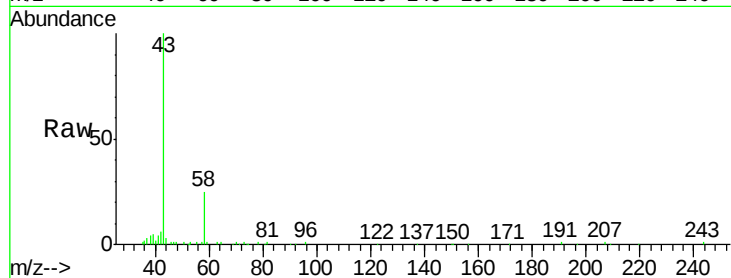
VSTD00566

Tgt Ion: 43 Resp: 79715

Ion Ratio Lower Upper

43 100

58 28.2 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

20000

15000

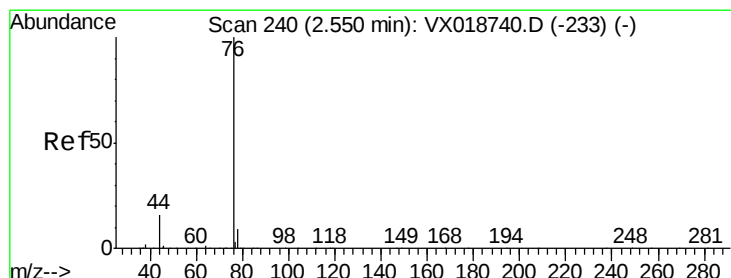
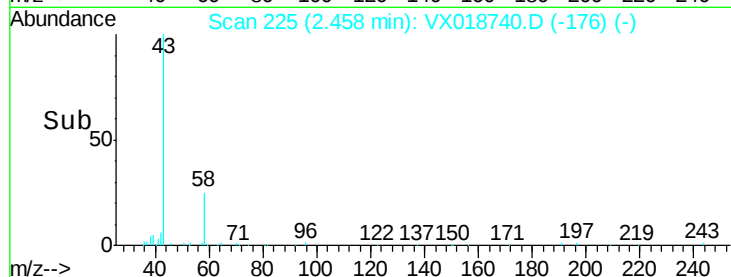
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5000

0

2.30 2.40 2.50 2.60

Time-->



#14

Carbon disulfide

Concen: 3.175 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018740.D

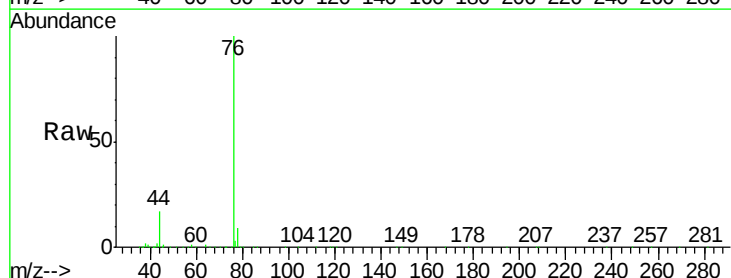
Acq: 02 Oct 2020 11:19

Tgt Ion: 76 Resp: 150615

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

100000

80000

60000

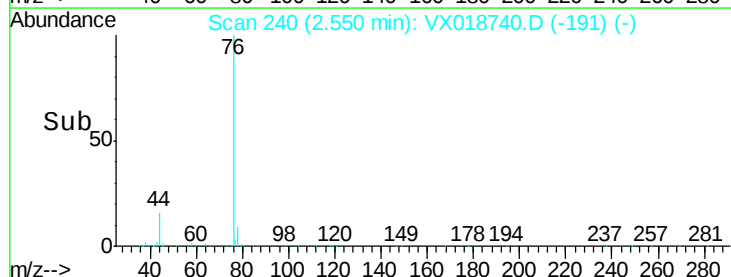
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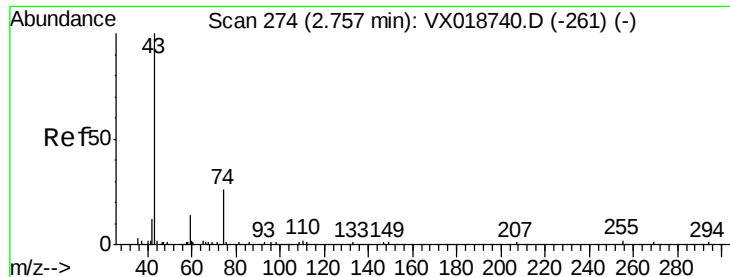
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2.45 2.50 2.55 2.60 2.65

Time-->

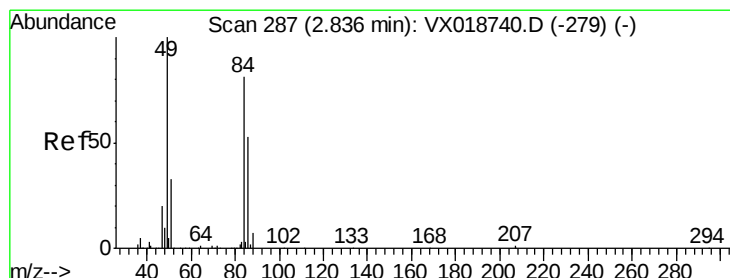
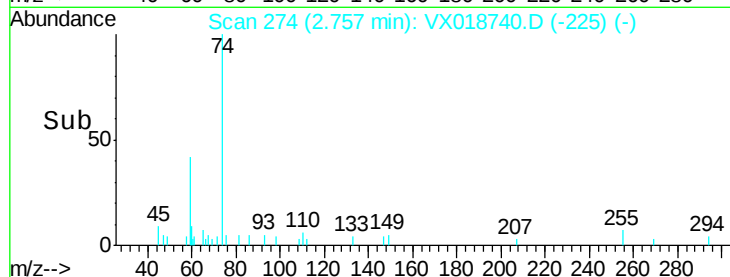
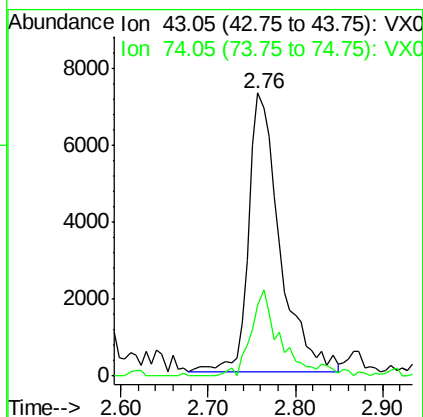
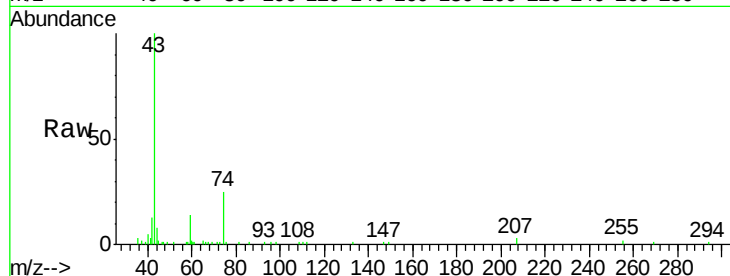




#15
Methyl Acetate
Concen: 2.673 ug/L
RT: 2.76 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX018740.D
Acq: 02 Oct 2020 11:19

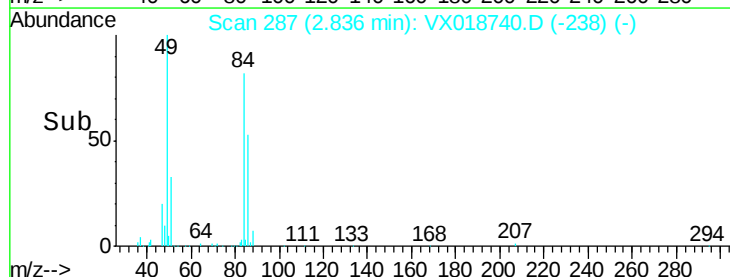
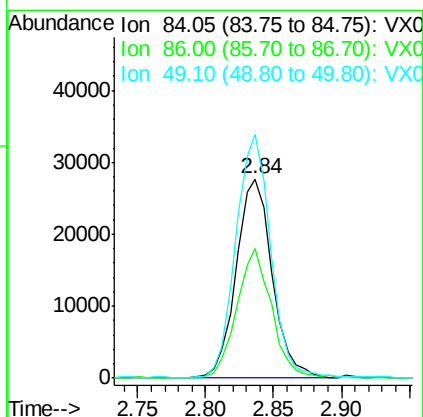
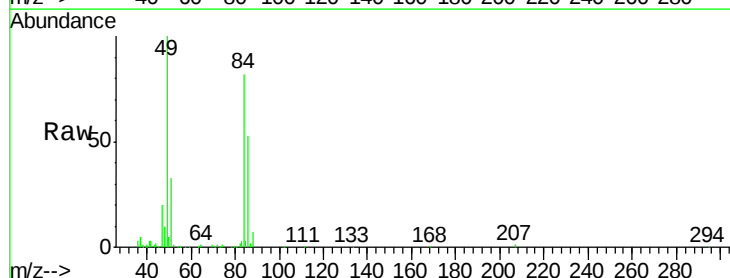
Instrument :
MSVOA_X
ClientSampleId :
VSTD00566

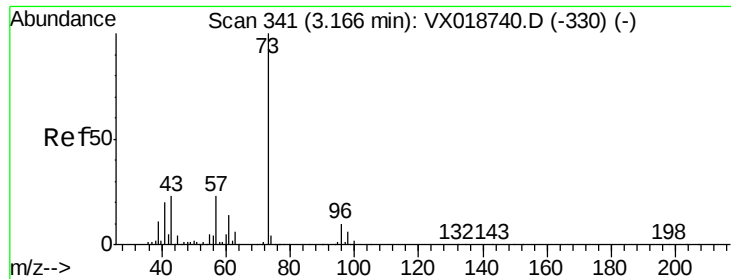
Tgt Ion: 43 Resp: 18081
Ion Ratio Lower Upper
43 100
74 27.4 21.9 32.9



#16
Methylene chloride
Concen: 2.758 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018740.D
Acq: 02 Oct 2020 11:19

Tgt Ion: 84 Resp: 51244
Ion Ratio Lower Upper
84 100
86 65.2 45.6 84.8
49 122.5 85.8 159.3

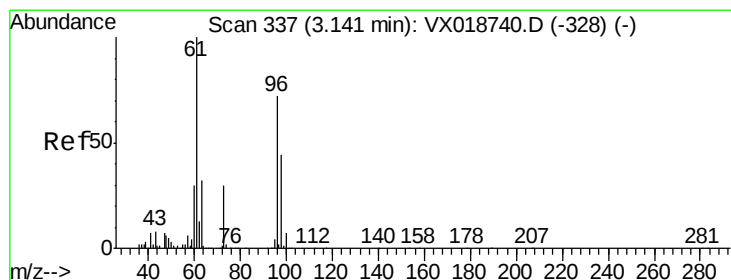
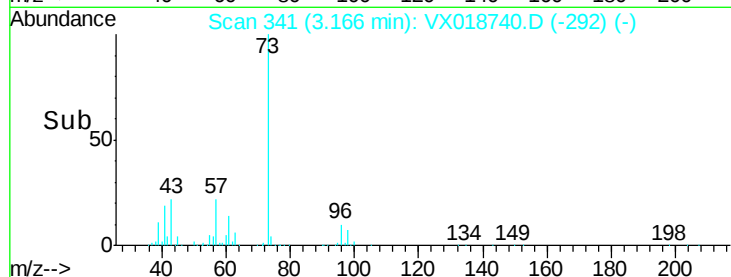
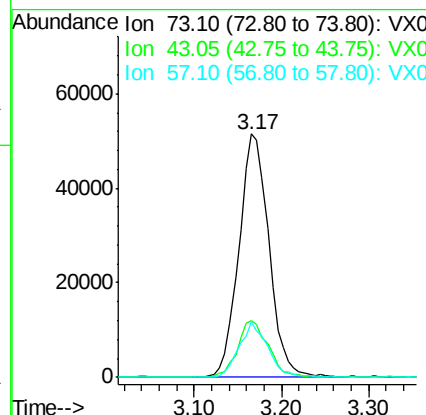
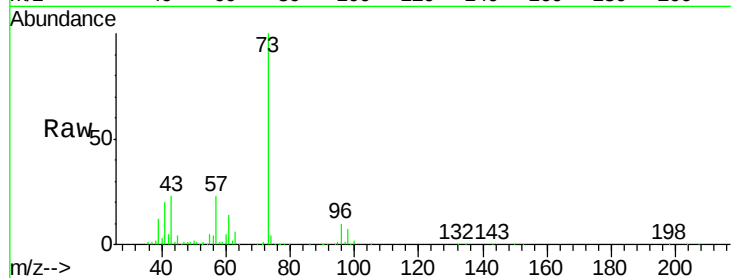




#17
Methyl tert-butyl Ether
Concen: 3.468 ug/L
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018740.D
Acq: 02 Oct 2020 11:19

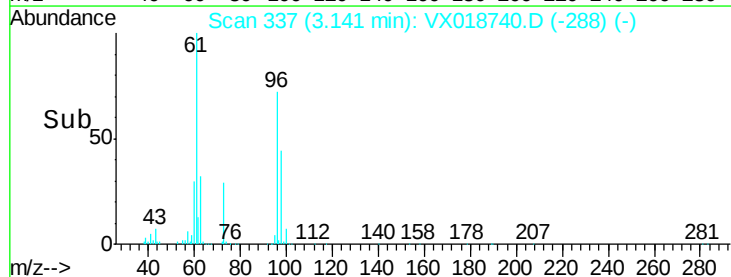
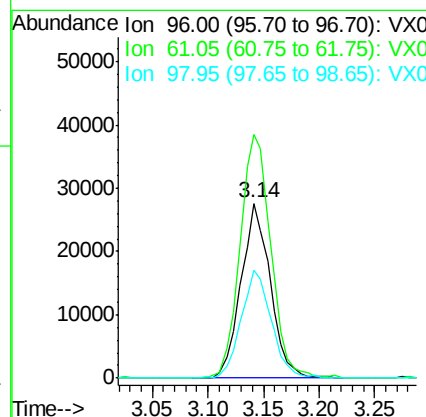
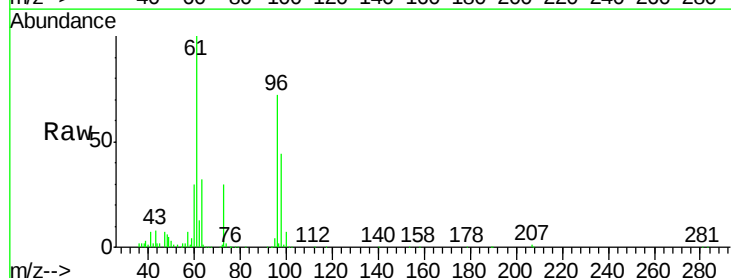
Instrument :
MSVOA_X
ClientSampleId :
VSTD00566

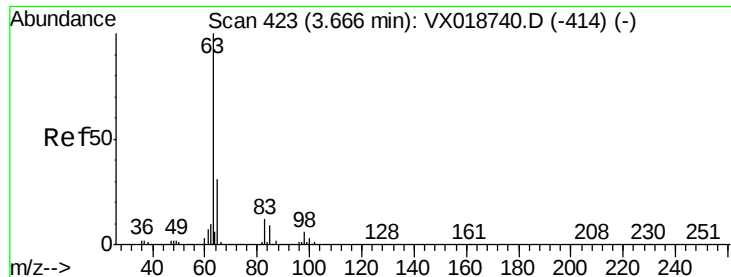
Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.2	19.4	29.0
57	21.5	17.2	25.8



#18
trans-1,2-Dichloroethene
Concen: 3.336 ug/L
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018740.D
Acq: 02 Oct 2020 11:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.5	97.6	181.4
98	61.6	43.1	80.1

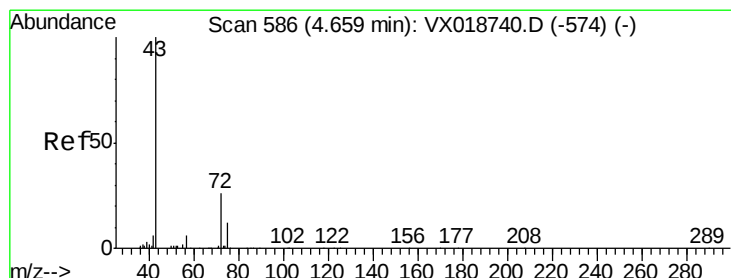
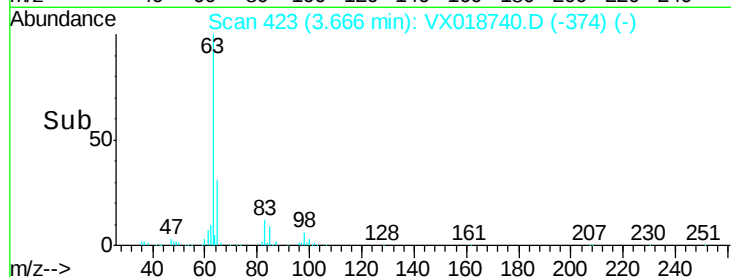
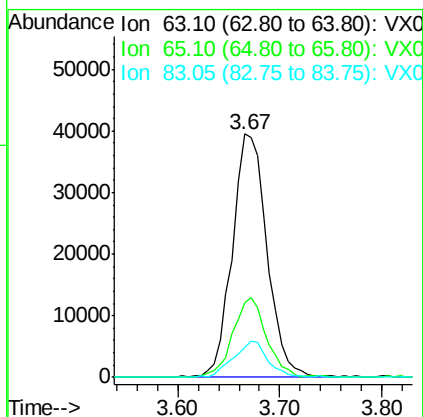
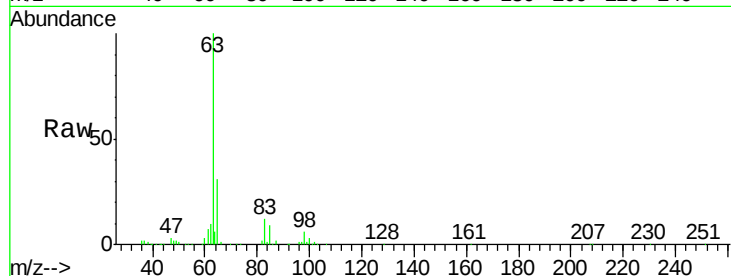




#19
 1,1-Dichloroethane
 Concen: 3.453 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX018740.D
 Acq: 02 Oct 2020 11:19

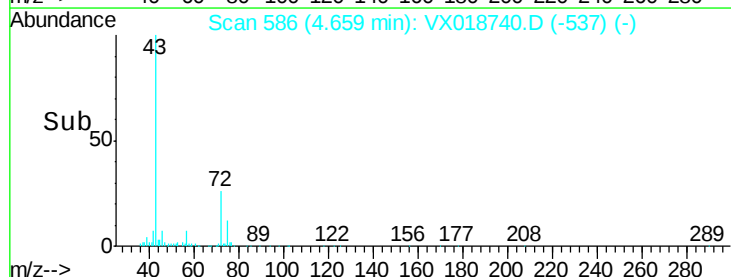
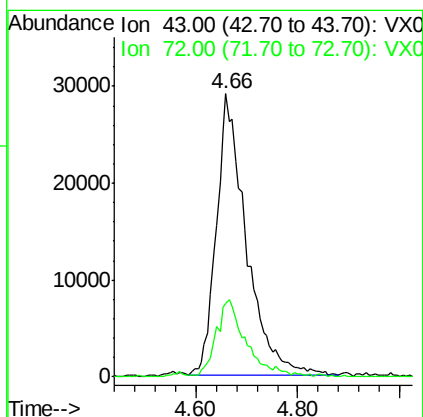
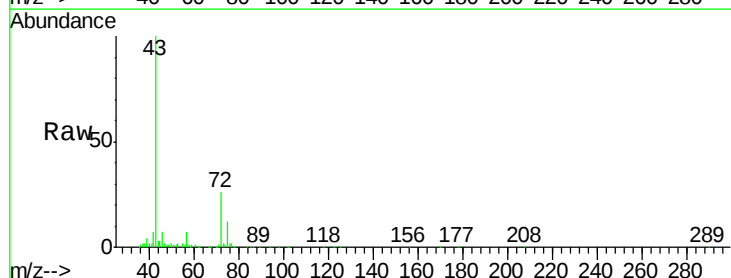
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00566

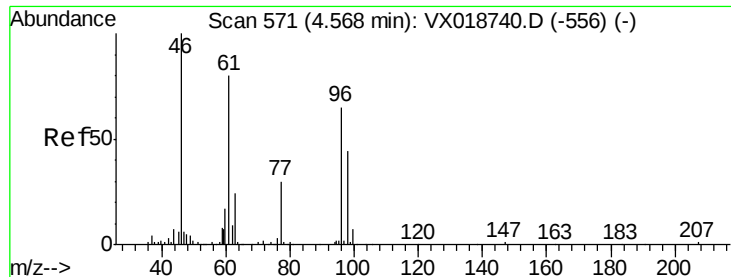
Tgt Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.6	40.2
83	12.4	8.7	16.1



#21
 2-Butanone
 Concen: 30.306 ug/L
 RT: 4.66 min Scan# 586
 Delta R.T. 0.00 min
 Lab File: VX018740.D
 Acq: 02 Oct 2020 11:19

Tgt Ion	Ratio	Lower	Upper
43	100		
72	24.8	12.4	37.2





#22

cis-1,2-Dichloroethene

Concen: 3.338 ug/L

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD00566

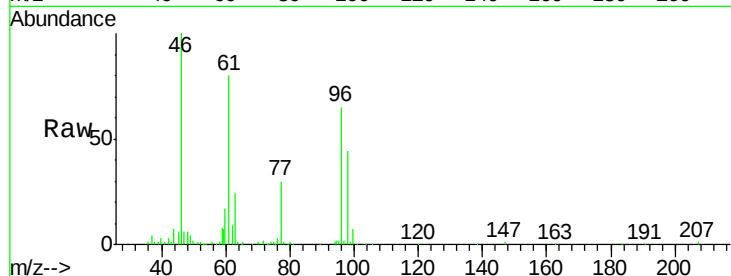
Tgt Ion: 96 Resp: 52681

Ion Ratio Lower Upper

96 100

61 123.1 86.2 160.0

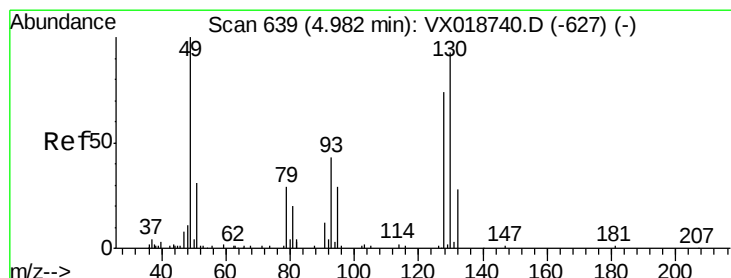
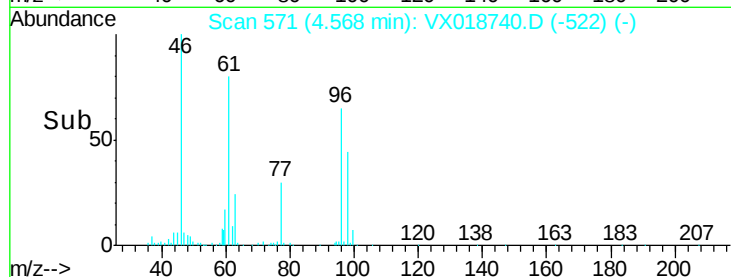
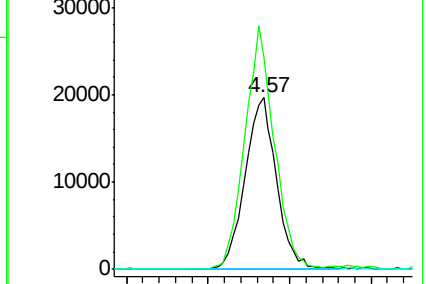
68 0.5 0.3 0.7



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: 3.458 ug/L

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Tgt Ion:128 Resp: 25597

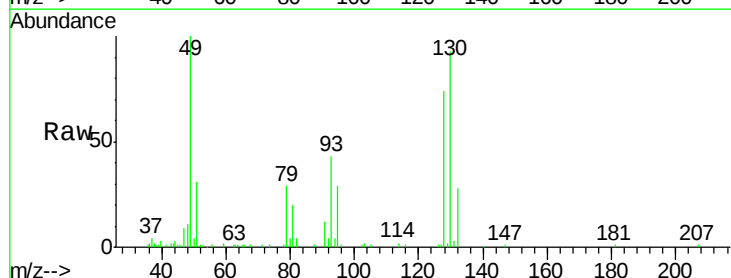
Ion Ratio Lower Upper

128 100

49 135.0 94.5 175.5

130 126.0 88.2 163.8

51 42.4 33.9 50.9

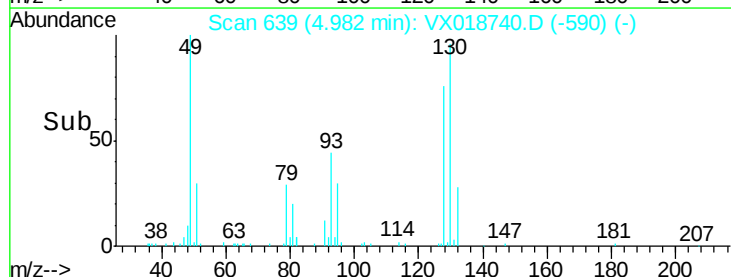
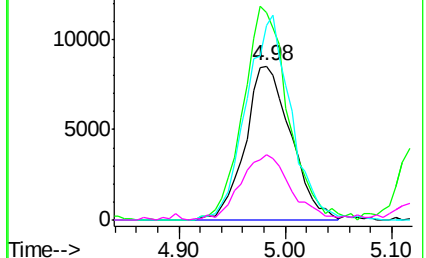


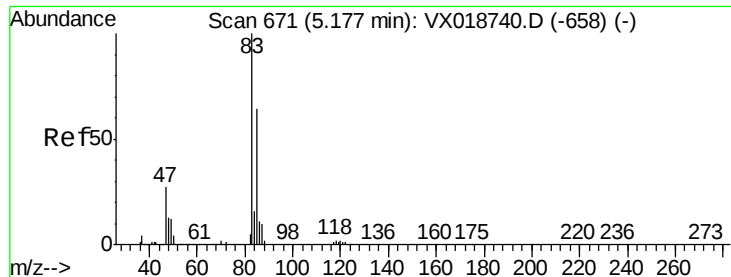
Abundance Ion 127.90 (127.60 to 128.60): V

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: 3.705 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

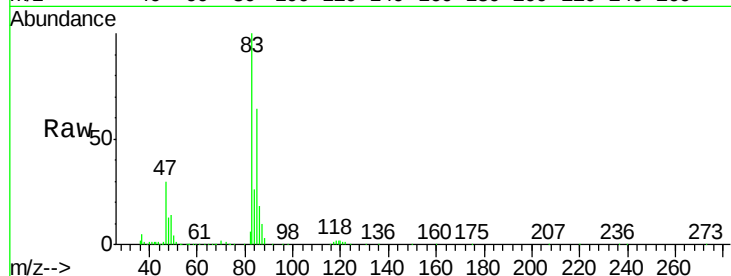
VSTD00566

Tgt Ion: 83 Resp: 108842

Ion Ratio Lower Upper

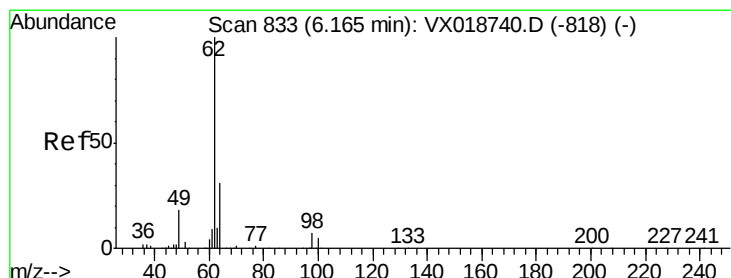
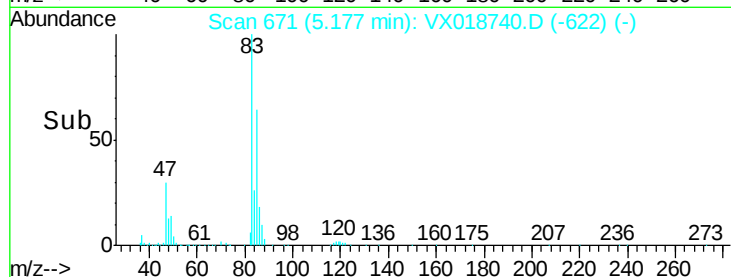
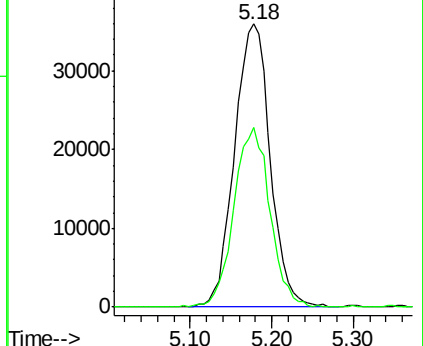
83 100

85 63.7 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



#27

1,2-Dichloroethane

Concen: 3.973 ug/L

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX018740.D

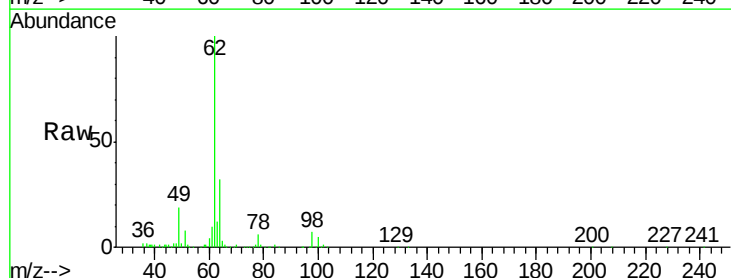
Acq: 02 Oct 2020 11:19

Tgt Ion: 62 Resp: 75487

Ion Ratio Lower Upper

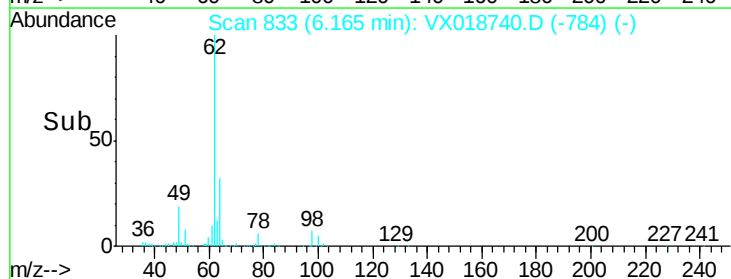
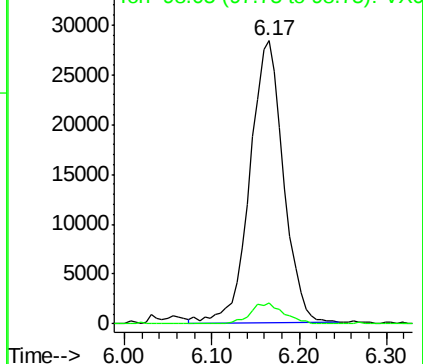
62 100

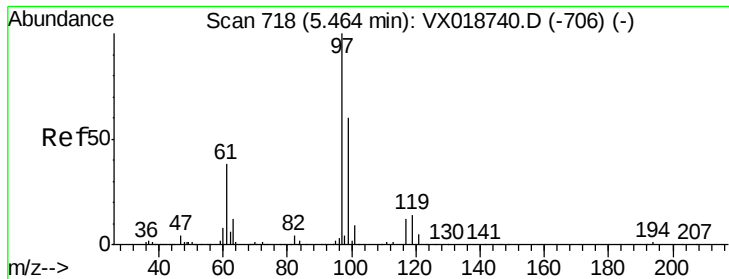
98 7.3 5.8 8.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0

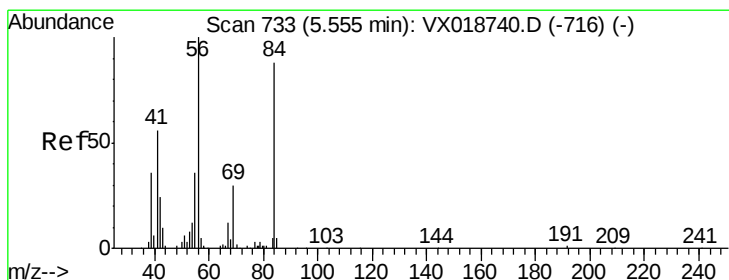
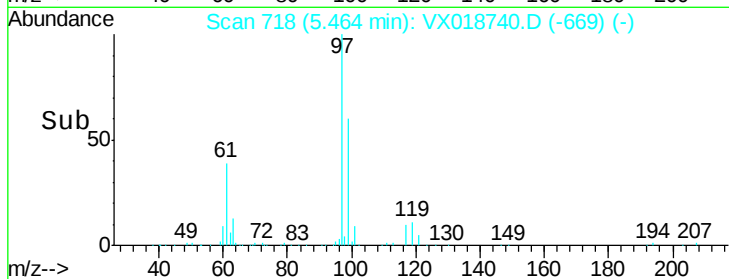
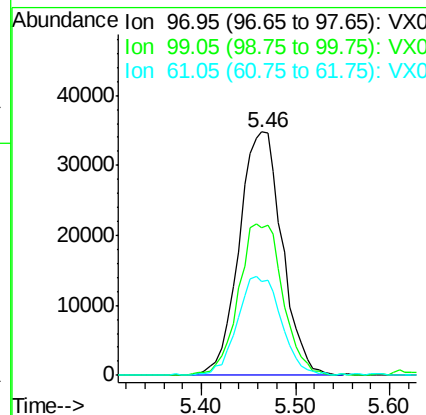
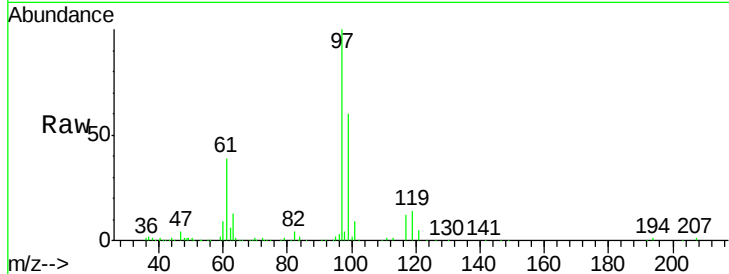




#29
 1,1,1-Trichloroethane
 Concen: 4.022 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018740.D
 Acq: 02 Oct 2020 11:19

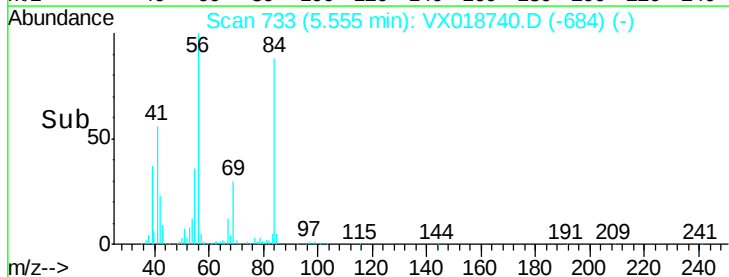
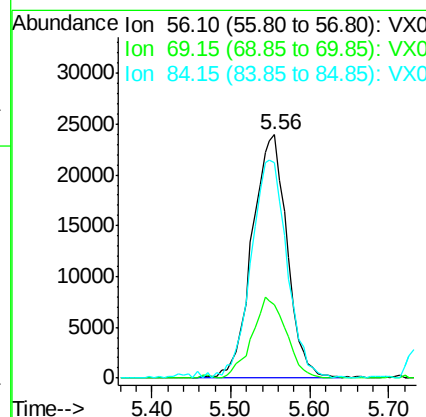
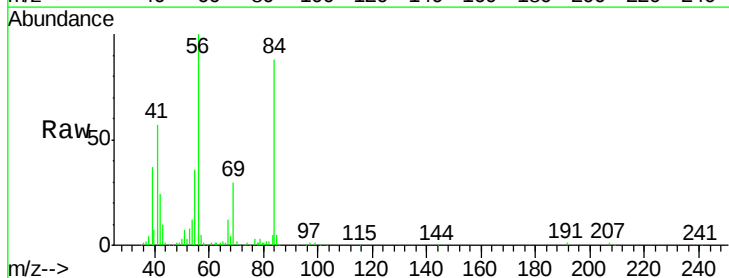
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00566

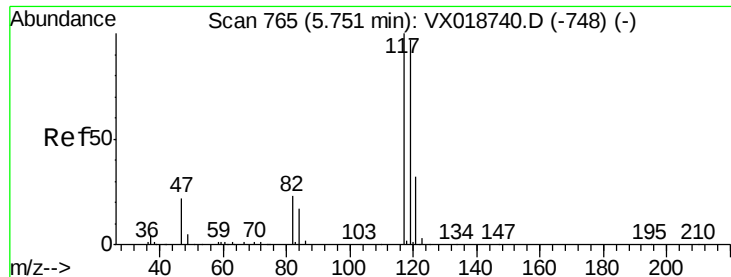
Tgt Ion: 97 Resp: 110660
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.3 76.9
 61 41.6 33.3 49.9



#30
 Cyclohexane
 Concen: 3.213 ug/L
 RT: 5.56 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: VX018740.D
 Acq: 02 Oct 2020 11:19

Tgt Ion: 56 Resp: 73698
 Ion Ratio Lower Upper
 56 100
 69 32.5 26.0 39.0
 84 92.2 73.8 110.6





#31

Carbon tetrachloride

Concen: 4.015 ug/L

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

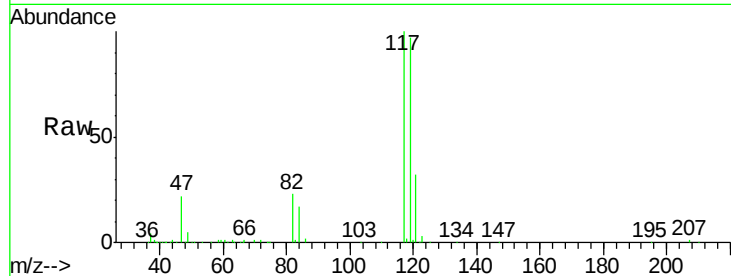
VSTD00566

Tgt Ion:117 Resp: 102181

Ion Ratio Lower Upper

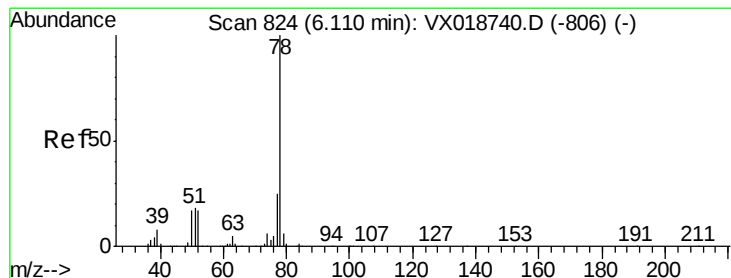
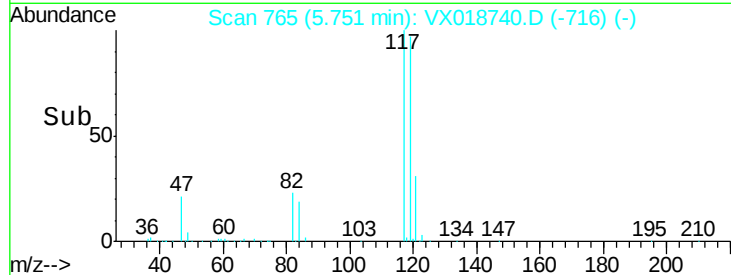
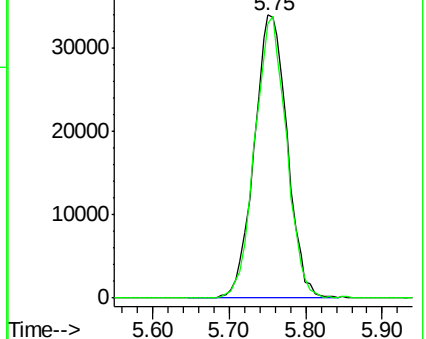
117 100

119 95.0 76.0 114.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 3.407 ug/L

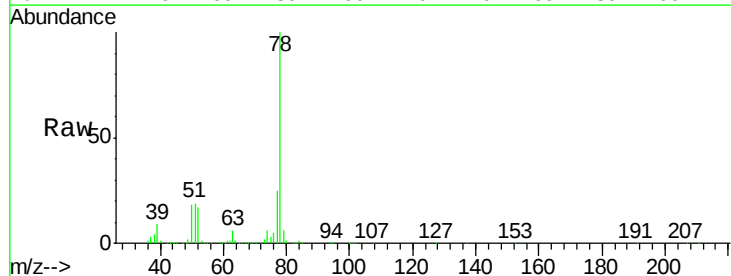
RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

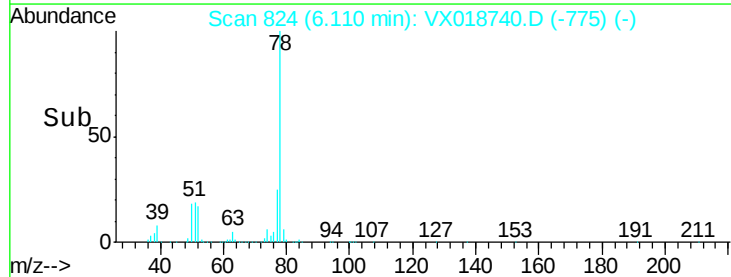
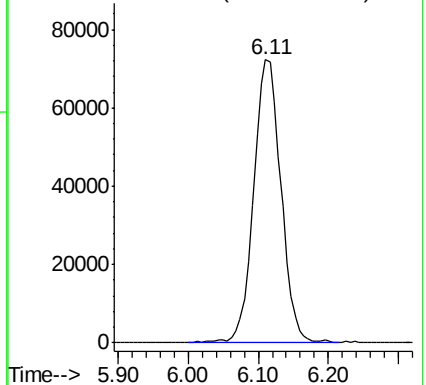
Lab File: VX018740.D

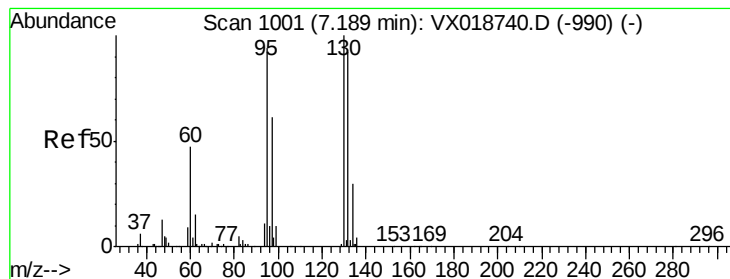
Acq: 02 Oct 2020 11:19

Tgt Ion: 78 Resp: 196006



Abundance Ion 78.10 (77.80 to 78.80): VX0





#34

Trichloroethene

Concen: 3.380 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD00566

Tgt Ion: 95 Resp: 57321

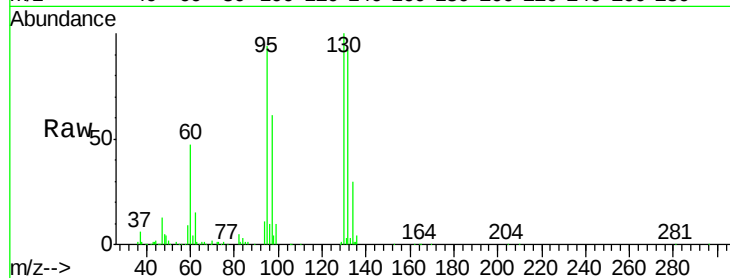
Ion Ratio Lower Upper

95 100

97 64.7 45.3 84.1

132 98.0 68.6 127.4

130 106.4 74.5 138.3

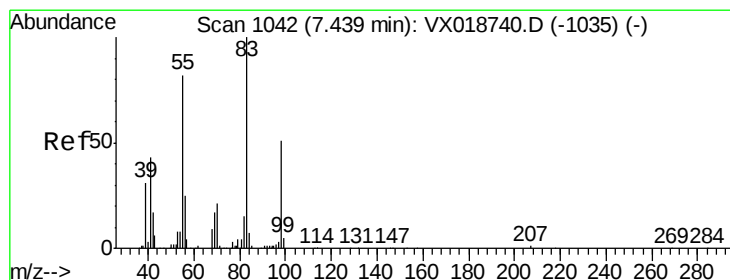
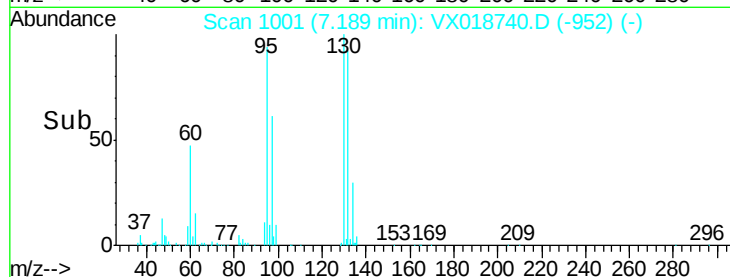
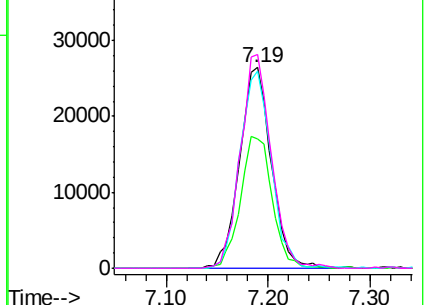


Abundance Ion 95.00 (94.70 to 95.70): VX0

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: 3.506 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

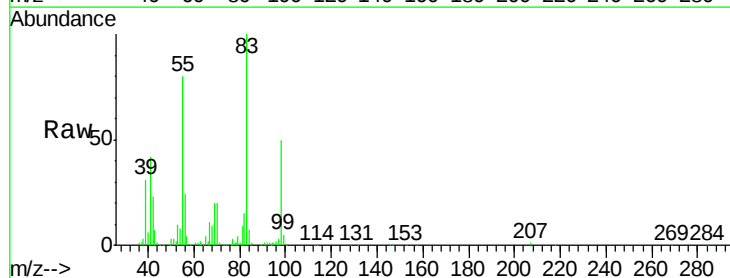
Tgt Ion: 83 Resp: 83009

Ion Ratio Lower Upper

83 100

55 75.4 60.3 90.5

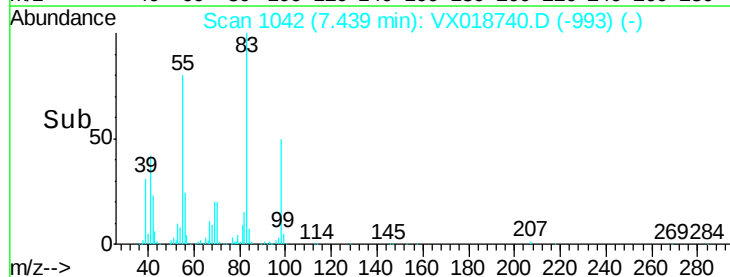
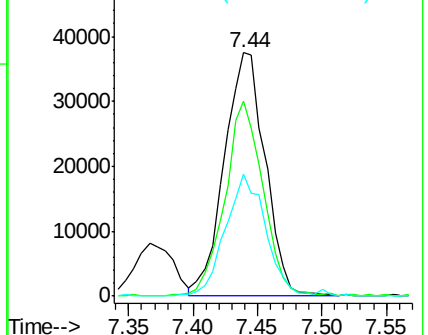
98 49.2 39.4 59.0

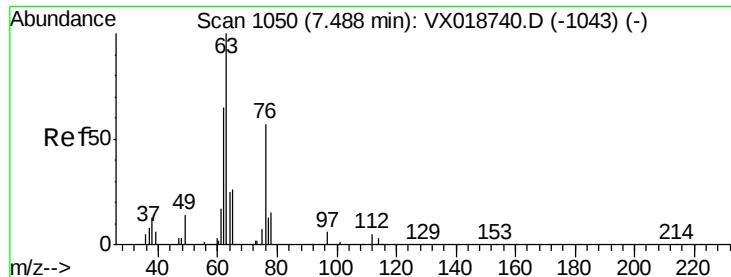


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#37

1,2-Dichloropropane

Concen: 3.169 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

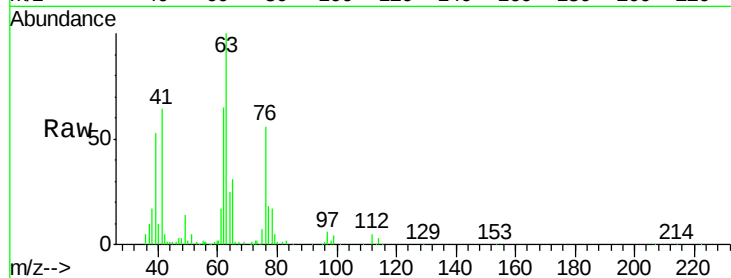
VSTD00566

Tgt Ion: 63 Resp: 45628

Ion Ratio Lower Upper

63 100

112 5.9 4.7 7.1



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V

7.49

25000

20000

15000

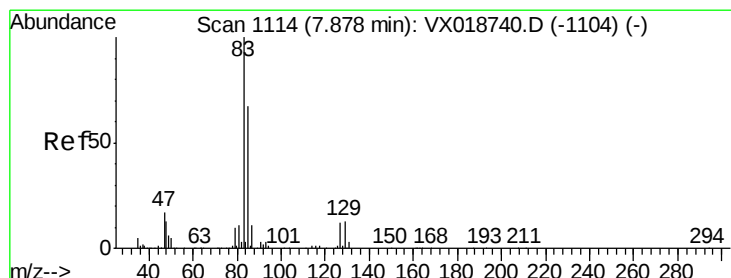
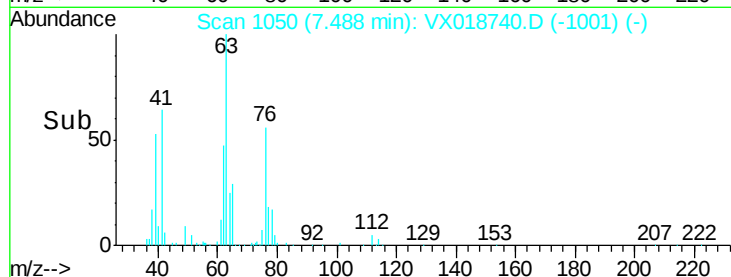
10000

5000

0

Time-->

7.40 7.45 7.50 7.55 7.60



#38

Bromodichloromethane

Concen: 3.722 ug/L

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

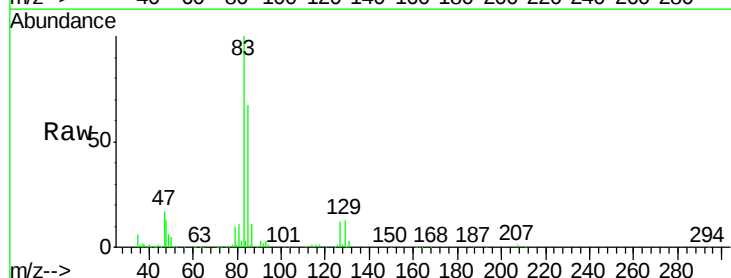
Tgt Ion: 83 Resp: 76339

Ion Ratio Lower Upper

83 100

85 66.6 46.6 86.6

127 12.4 9.9 14.9



Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V

7.88

50000

40000

30000

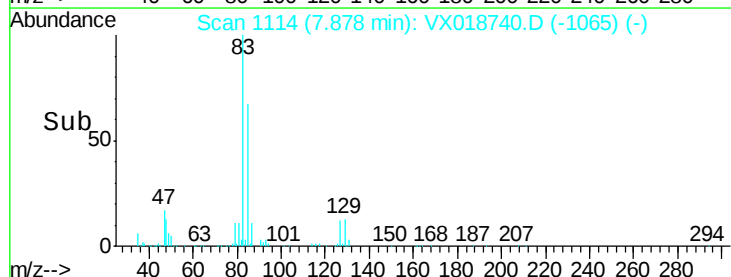
20000

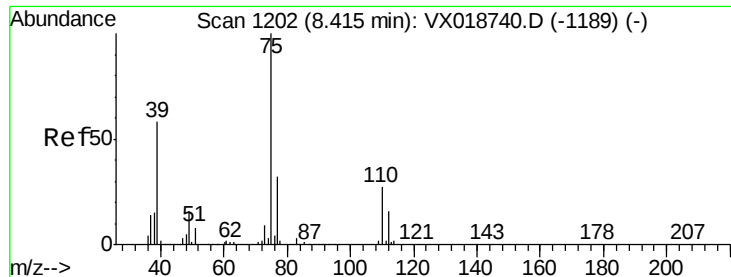
10000

0

Time-->

7.80 7.85 7.90 7.95





#39

cis-1,3-Dichloropropene

Concen: 3.460 ug/L

RT: 8.41 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

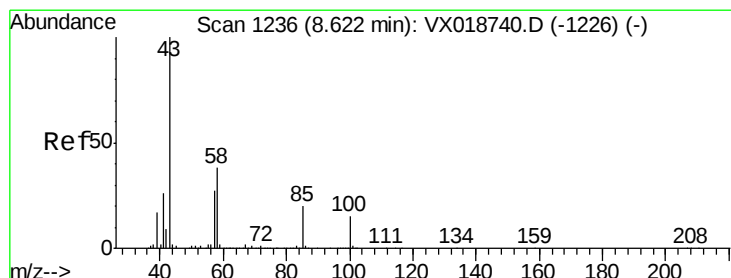
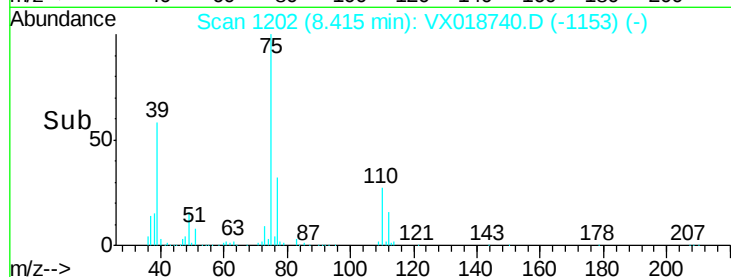
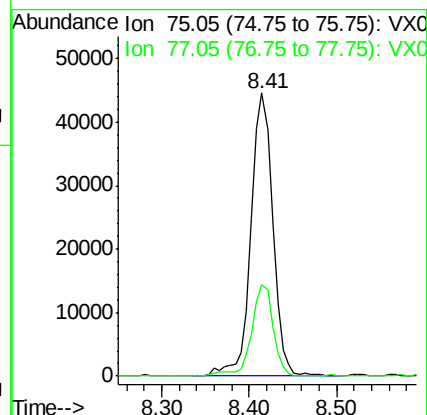
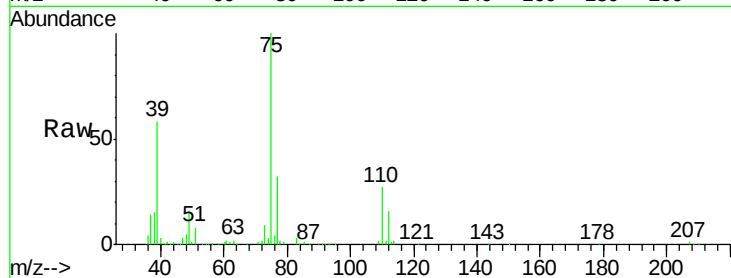
VSTD00566

Tgt Ion: 75 Resp: 77679

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 30.898 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

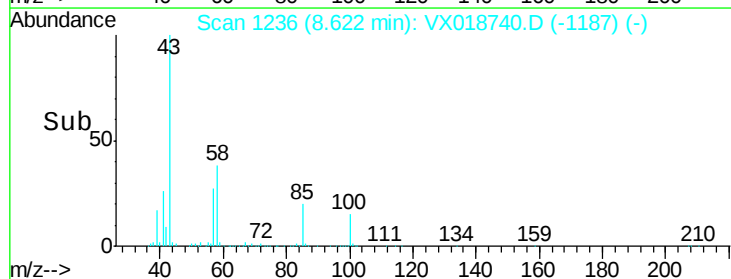
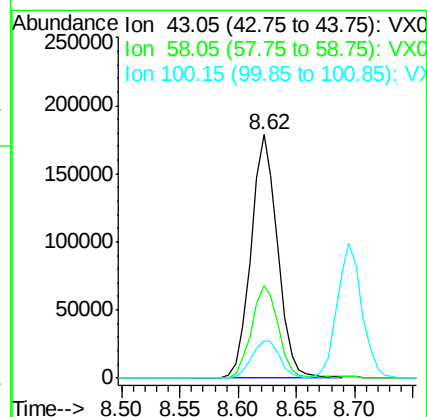
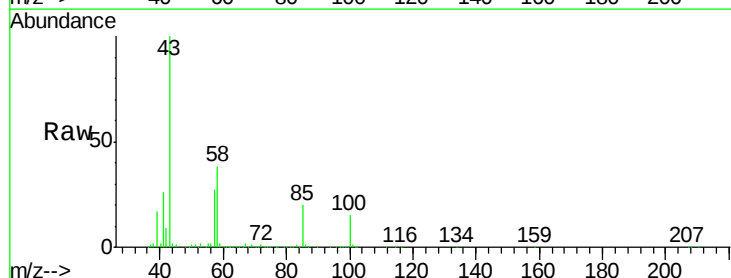
Tgt Ion: 43 Resp: 285071

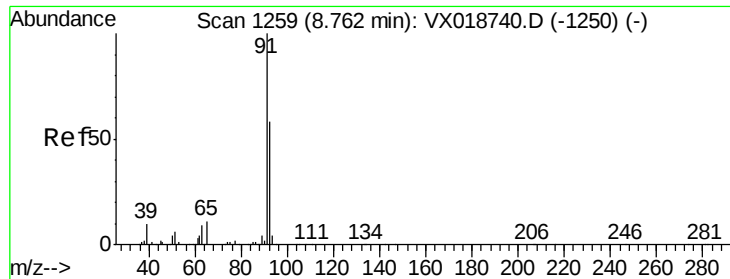
Ion Ratio Lower Upper

43 100

58 38.5 30.8 46.2

100 16.5 13.2 19.8





#42

Toluene

Concen: 3.491 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

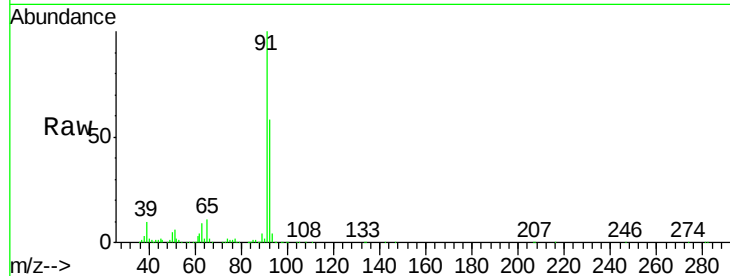
VSTD00566

Tgt Ion: 91 Resp: 218334

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VX018740.D (-1250) (-)

Ion 92.15 (91.85 to 92.85): VX018740.D (-1250) (-)

8.76

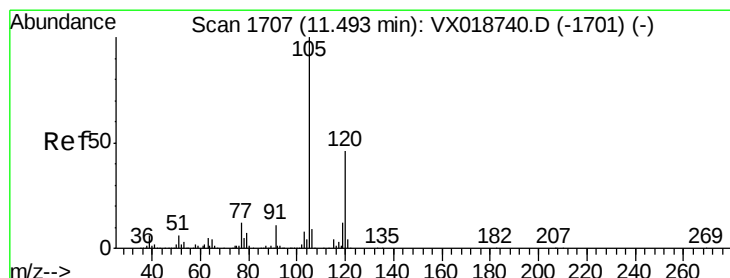
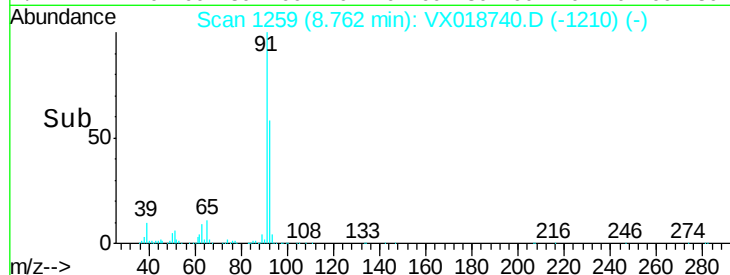
150000

100000

50000

0

Time-->



#43

1,3,5-Trimethylbenzene

Concen: 3.702 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018740.D

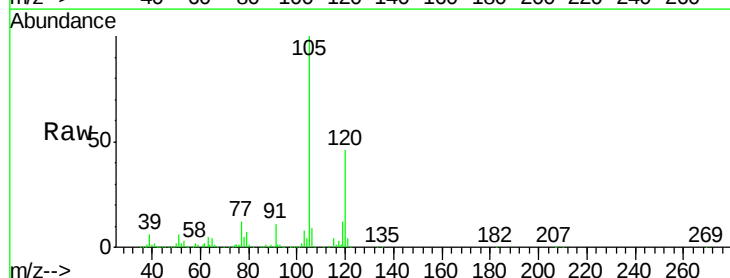
Acq: 02 Oct 2020 11:19

Tgt Ion: 105 Resp: 212142

Ion Ratio Lower Upper

105 100

120 47.1 37.7 56.5



Abundance Ion 105.00 (104.70 to 105.70): VX018740.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018740.D (-1701) (-)

11.49

200000

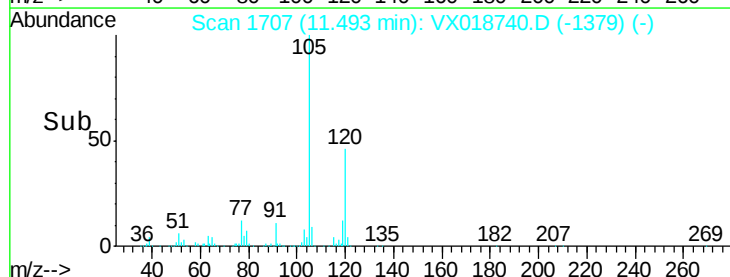
150000

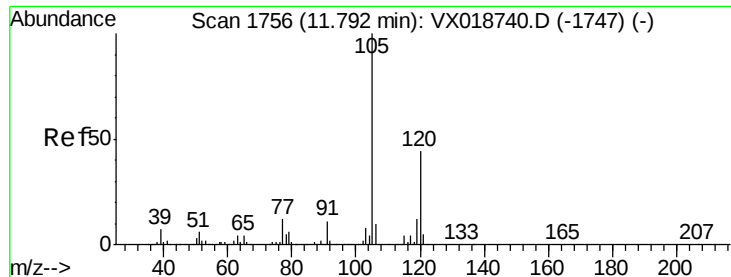
100000

50000

0

Time-->





#44

1,2,4-Trimethylbenzene

Concen: 3.744 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

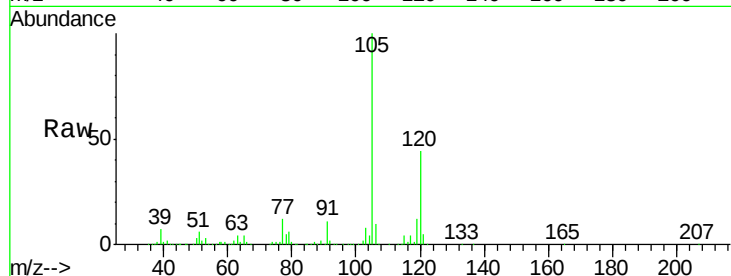
VSTD00566

Tgt Ion:105 Resp: 218721

Ion Ratio Lower Upper

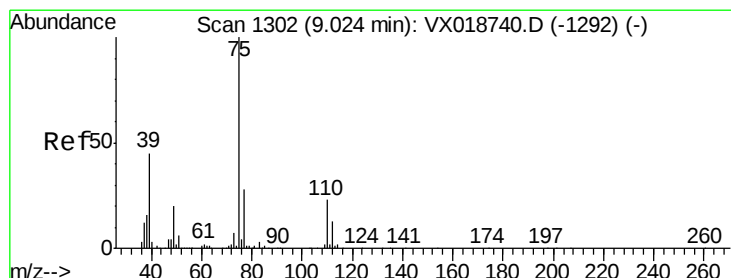
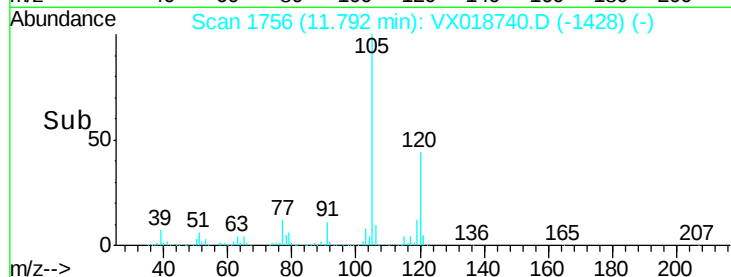
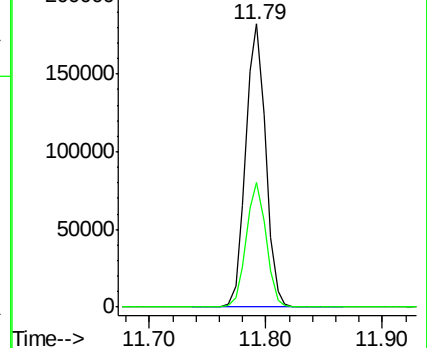
105 100

120 43.9 35.1 52.7



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: 3.595 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018740.D

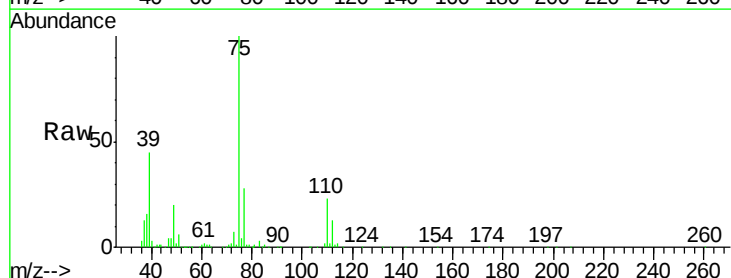
Acq: 02 Oct 2020 11:19

Tgt Ion: 75 Resp: 72022

Ion Ratio Lower Upper

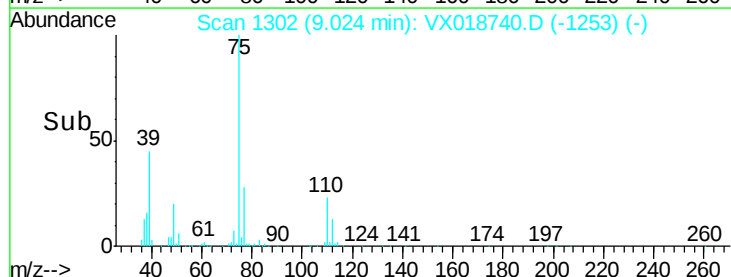
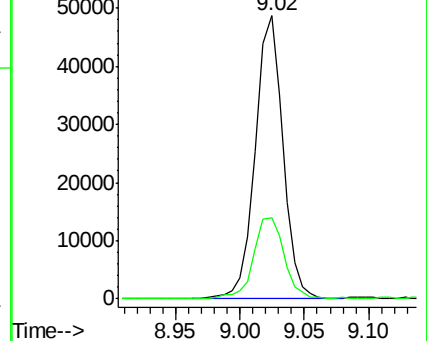
75 100

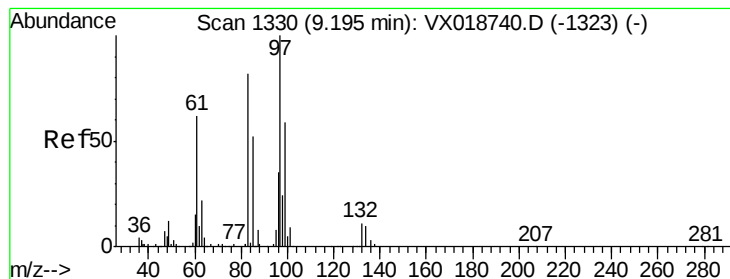
77 28.5 19.9 37.0



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: 3.446 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD00566

Tgt Ion: 97 Resp: 37511

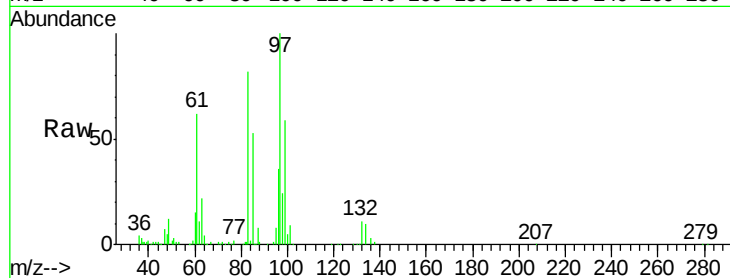
Ion Ratio Lower Upper

97 100

99 58.7 41.1 76.3

83 82.1 57.5 106.7

85 52.7 36.9 68.5

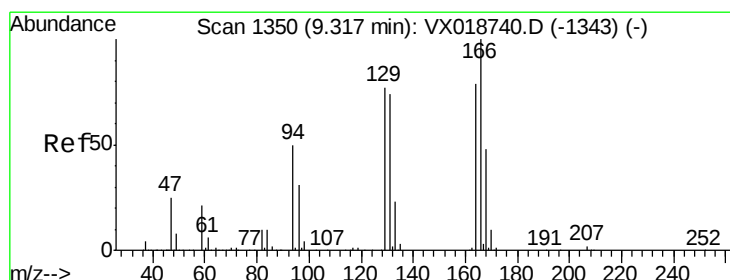
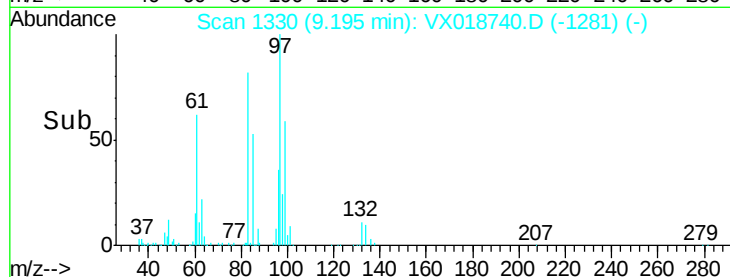
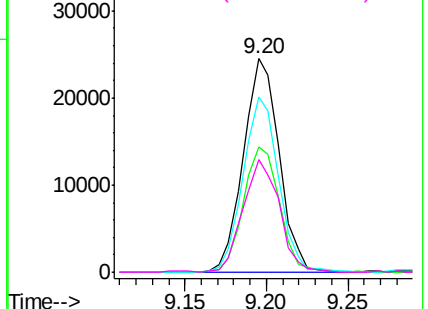


Abundance Ion 96.95 (96.65 to 97.65): VX0

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: 3.760 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Tgt Ion: 164 Resp: 51615

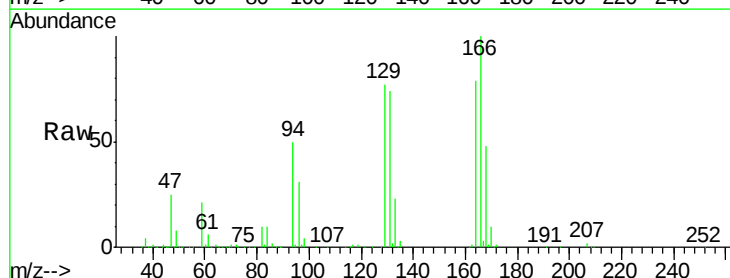
Ion Ratio Lower Upper

164 100

129 98.1 68.7 127.5

131 93.3 65.3 121.3

166 126.5 88.5 164.4

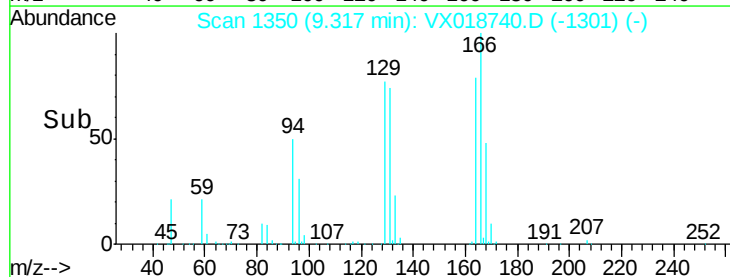
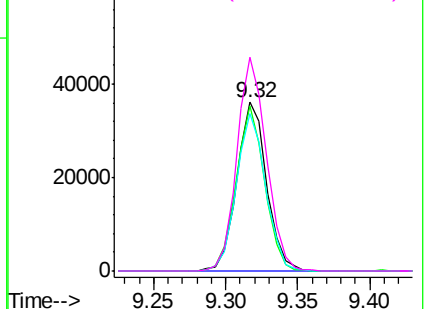


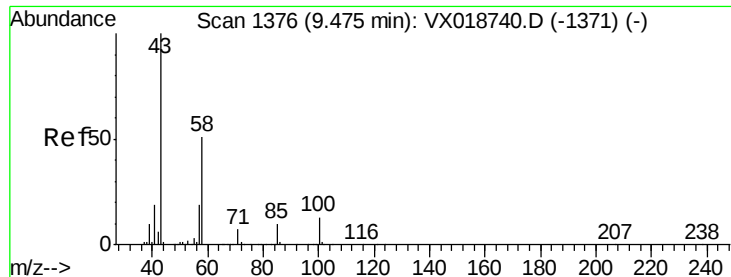
Abundance Ion 163.90 (163.60 to 164.60): V

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

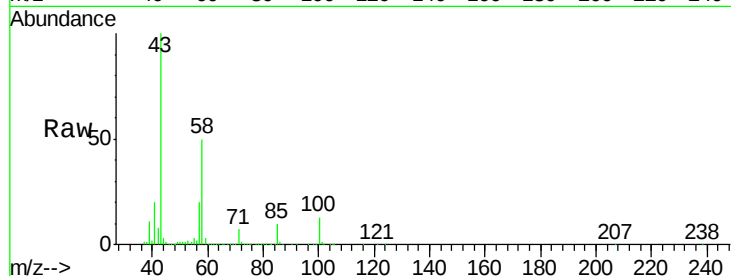




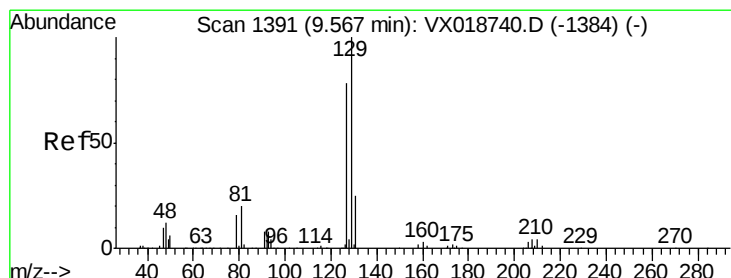
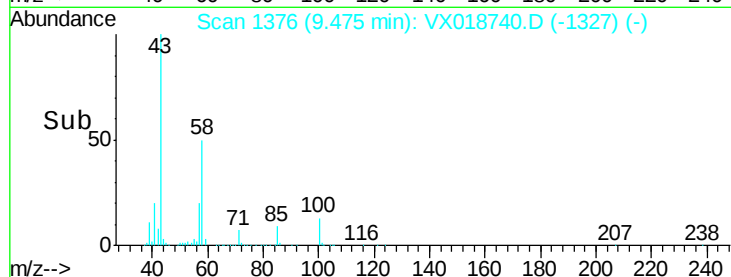
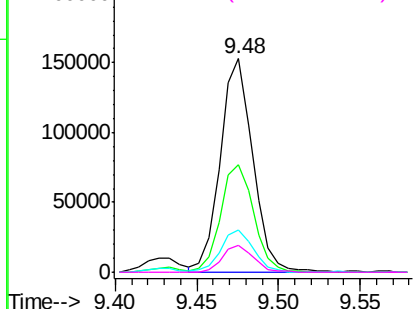
#50
2-Hexanone
Concen: 31.919 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018740.D
Acq: 02 Oct 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTD00566

Tgt Ion:	43	Resp:	210915
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.0	61.4
57	19.9	15.9	23.9
100	12.6	10.1	15.1

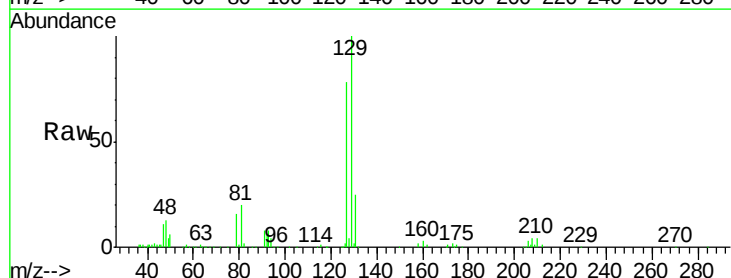


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

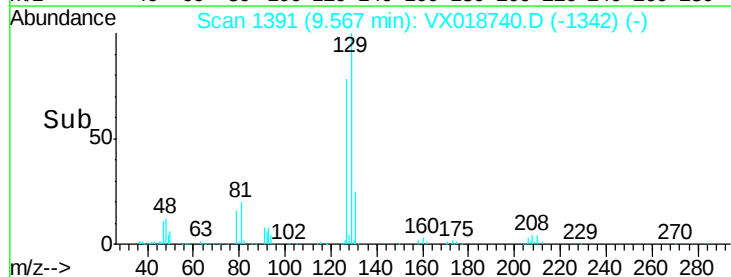
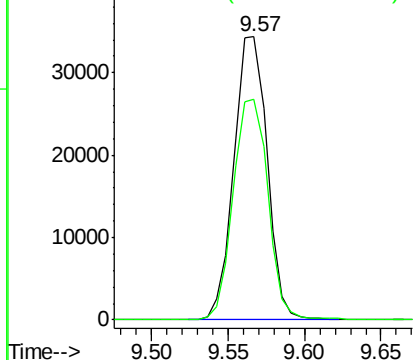


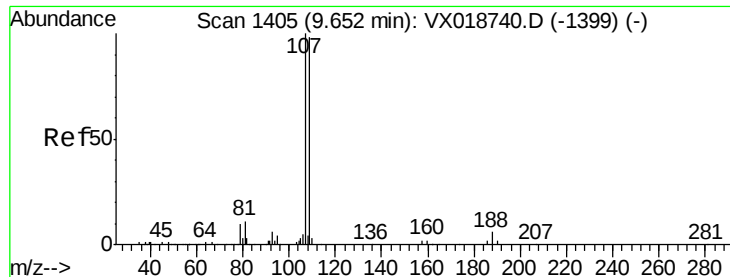
#51
Dibromochloromethane
Concen: 3.461 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018740.D
Acq: 02 Oct 2020 11:19

Tgt Ion:	129	Resp:	52039
Ion	Ratio	Lower	Upper
129	100		
127	77.8	54.5	101.1



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





#52

1,2-Dibromoethane

Concen: 3.302 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD00566

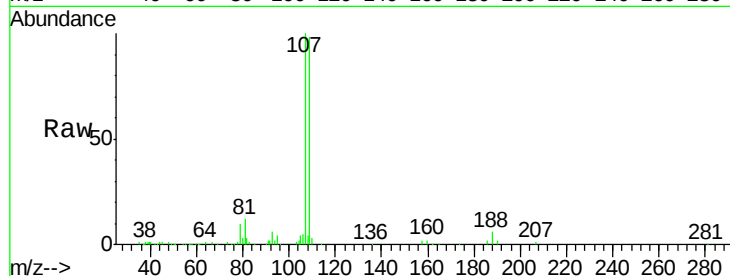
Tgt Ion:107 Resp: 34903

Ion Ratio Lower Upper

107 100

109 98.1 68.7 127.5

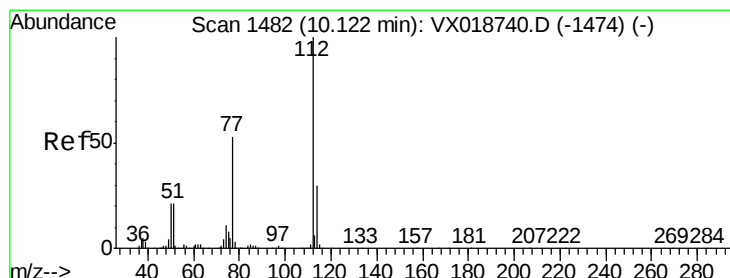
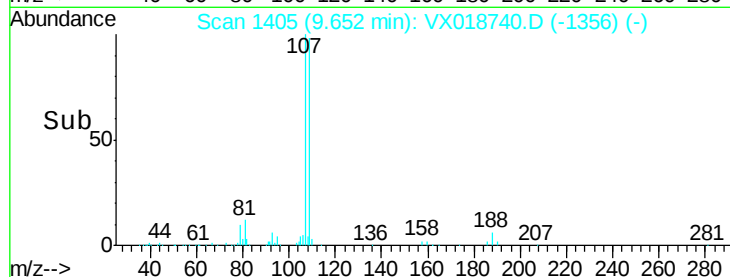
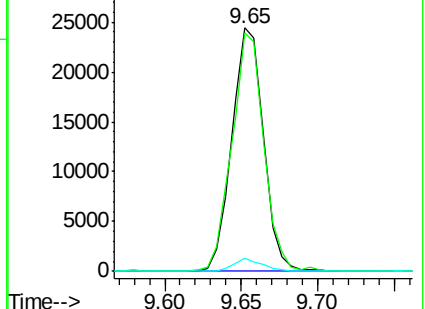
188 5.6 4.5 6.7



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: 3.610 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

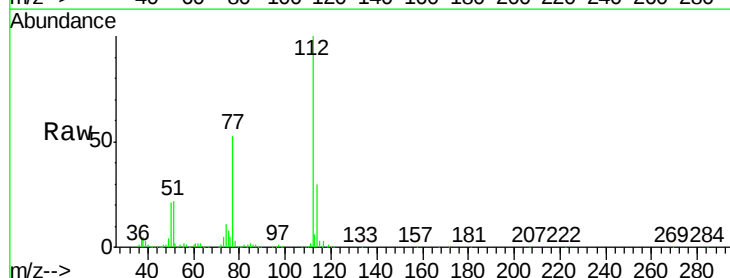
Tgt Ion:112 Resp: 148800

Ion Ratio Lower Upper

112 100

114 30.4 21.3 39.5

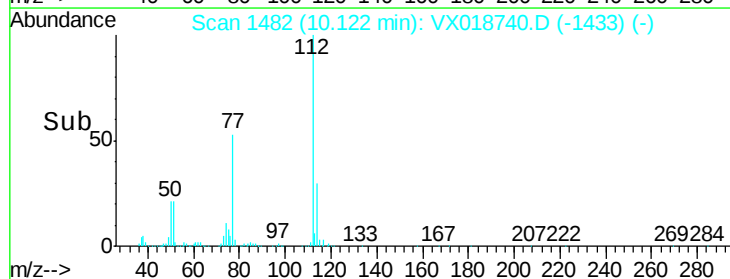
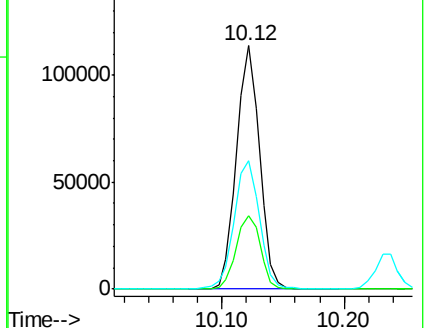
77 53.0 42.4 63.6

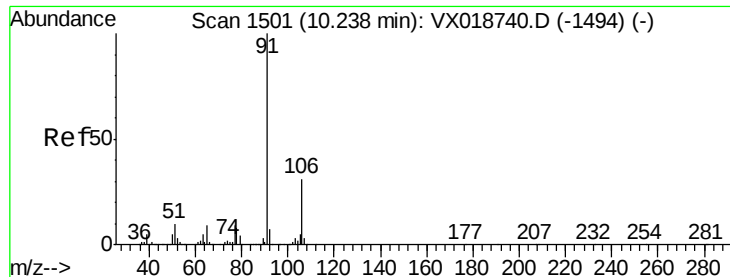


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V





#54

Ethylbenzene

Concen: 3.569 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

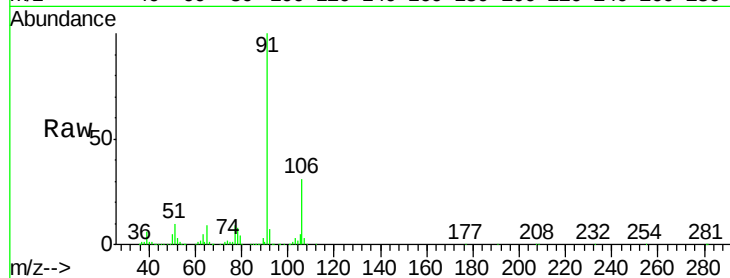
VSTD00566

Tgt Ion: 91 Resp: 245263

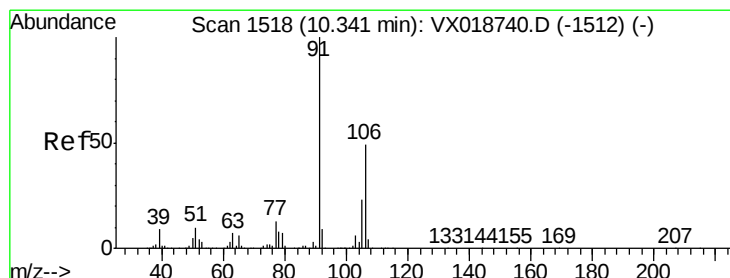
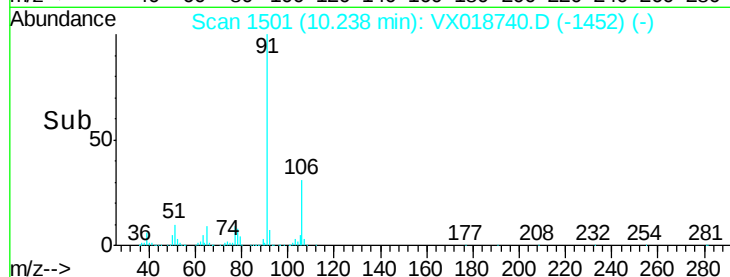
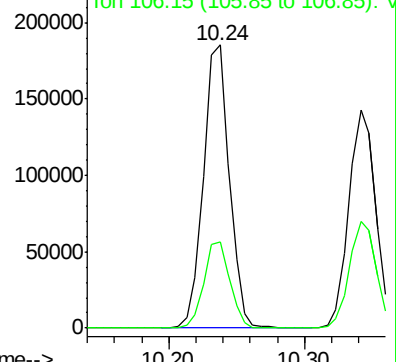
Ion Ratio Lower Upper

91 100

106 30.7 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX0



#55

m,p-xylene

Concen: 3.685 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018740.D

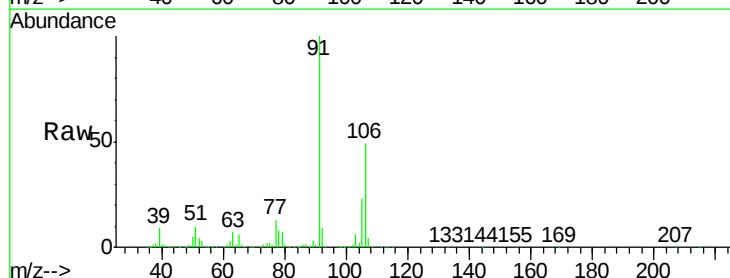
Acq: 02 Oct 2020 11:19

Tgt Ion: 106 Resp: 96283

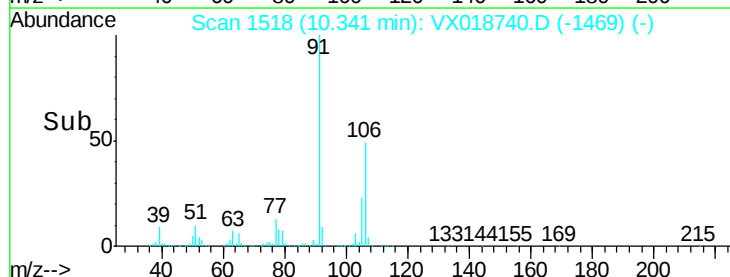
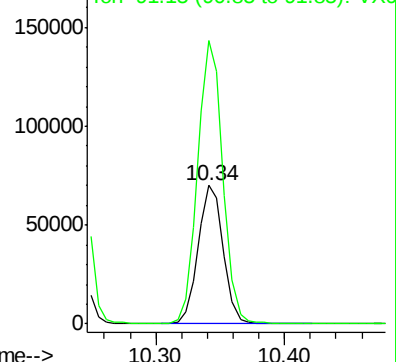
Ion Ratio Lower Upper

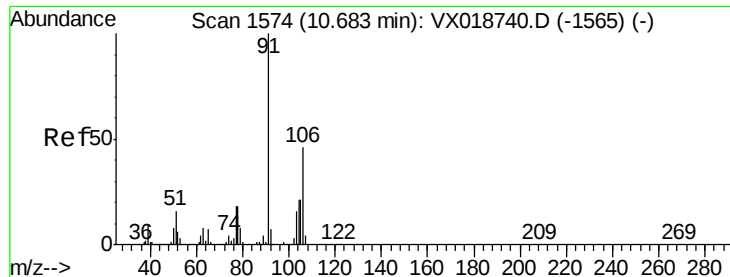
106 100

91 204.8 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

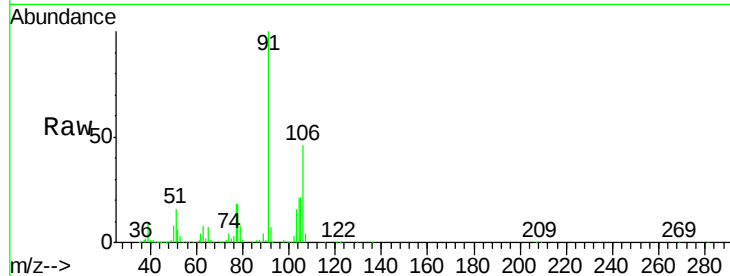




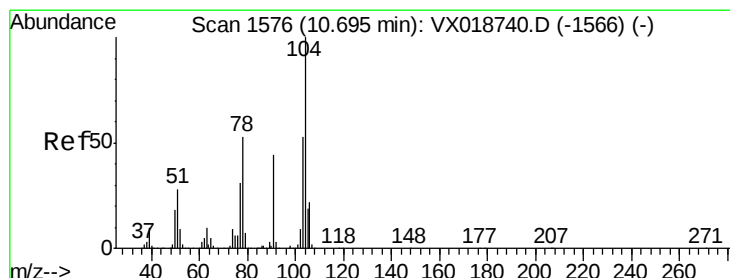
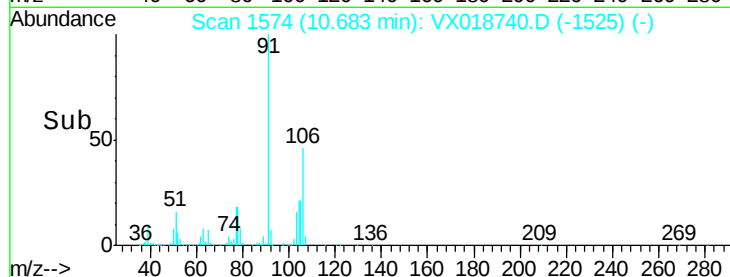
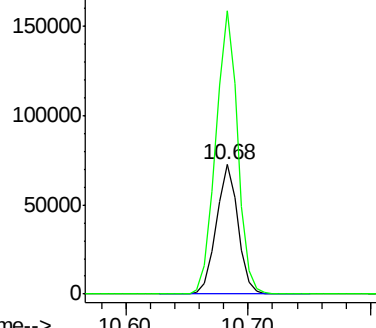
#56
o-xylene
Concen: 3.544 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018740.D
Acq: 02 Oct 2020 11:19

Instrument :
MSVOA_X
ClientSampleId :
VSTD00566

Tgt Ion:106 Resp: 89628
Ion Ratio Lower Upper
106 100
91 219.1 153.4 284.8

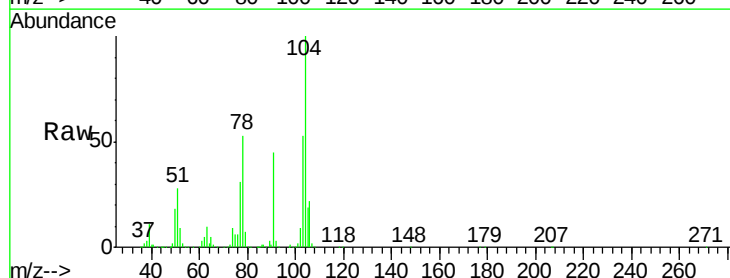


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VX0

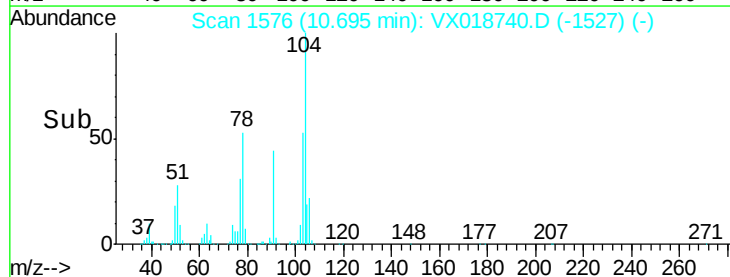
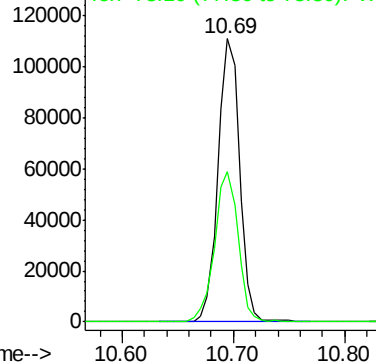


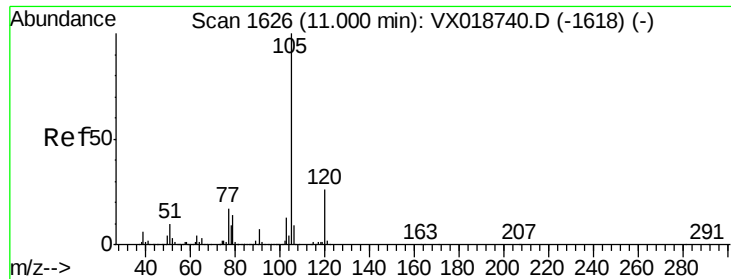
#57
Styrene
Concen: 3.531 ug/L
RT: 10.69 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018740.D
Acq: 02 Oct 2020 11:19

Tgt Ion:104 Resp: 150161
Ion Ratio Lower Upper
104 100
78 53.0 37.1 68.9



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VX0





#58

Isopropylbenzene

Concen: 3.695 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD00566

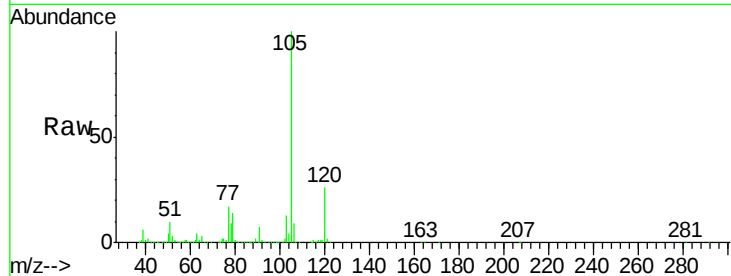
Tgt Ion: 105 Resp: 251962

Ion Ratio Lower Upper

105 100

120 25.2 20.2 30.2

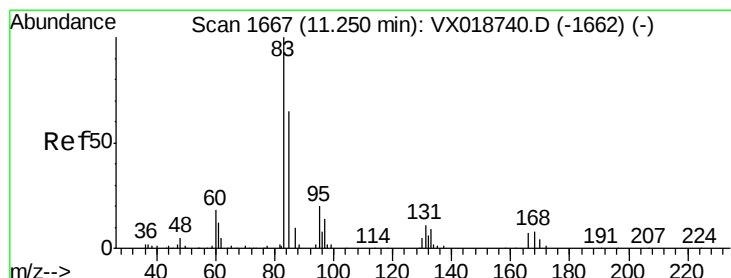
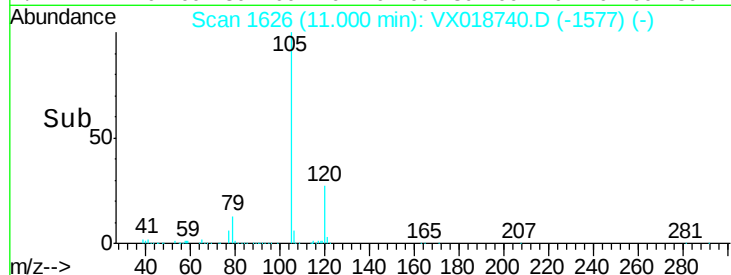
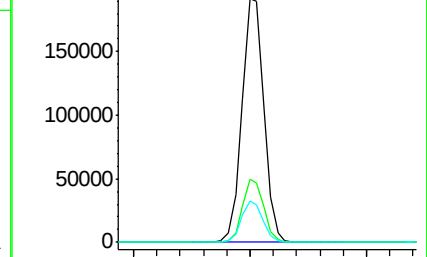
77 16.6 13.3 19.9



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: 3.502 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

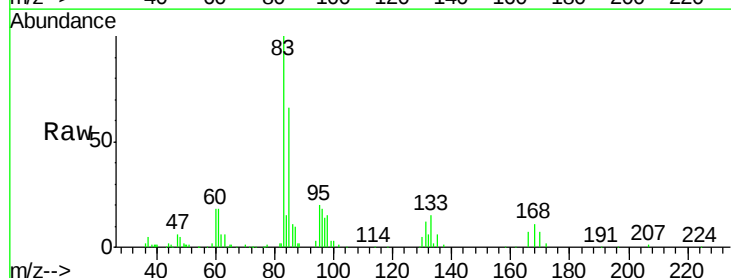
Tgt Ion: 83 Resp: 41843

Ion Ratio Lower Upper

83 100

85 66.5 46.5 86.5

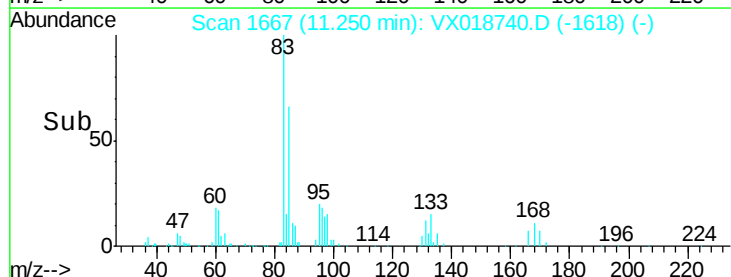
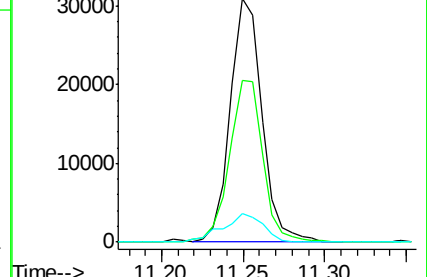
131 12.0 9.6 14.4

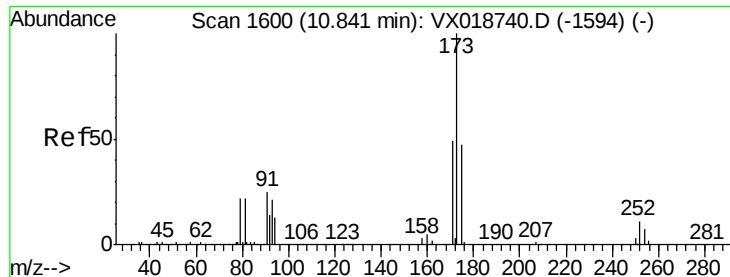


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 3.698 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

Instrument :

MSVOA_X

ClientSampleId :

VSTD00566

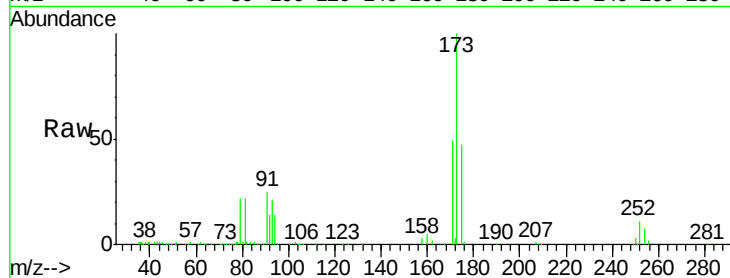
Tgt Ion:173 Resp: 32737

Ion Ratio Lower Upper

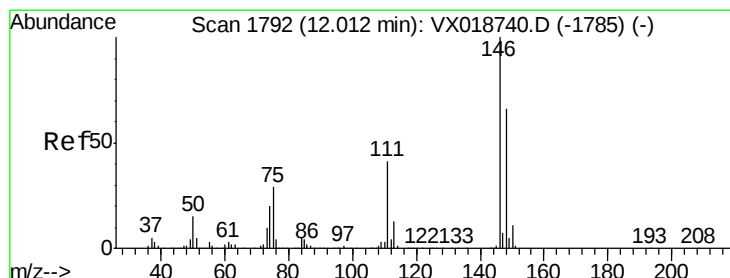
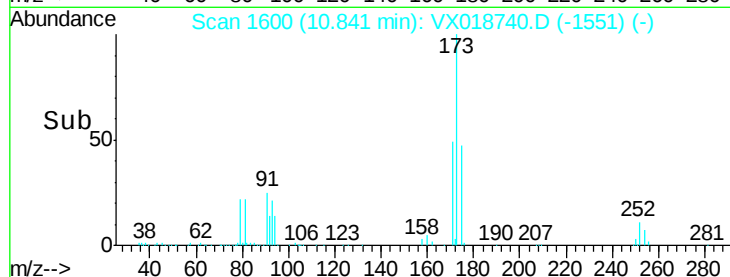
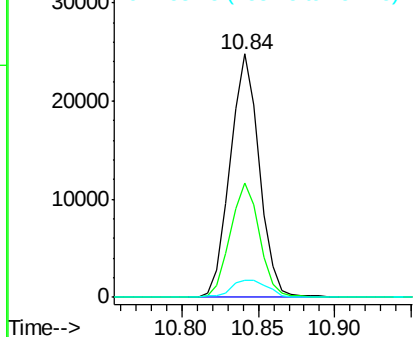
173 100

175 47.3 37.8 56.8

254 9.0 7.2 10.8



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: 3.597 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018740.D

Acq: 02 Oct 2020 11:19

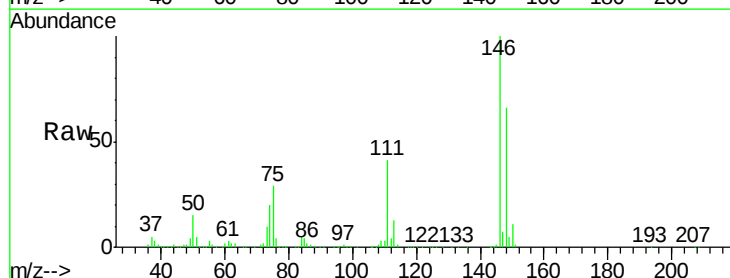
Tgt Ion:146 Resp: 122126

Ion Ratio Lower Upper

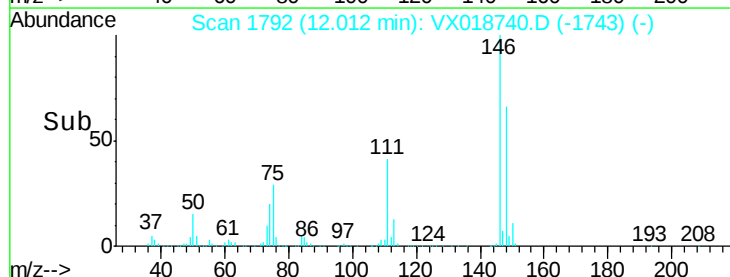
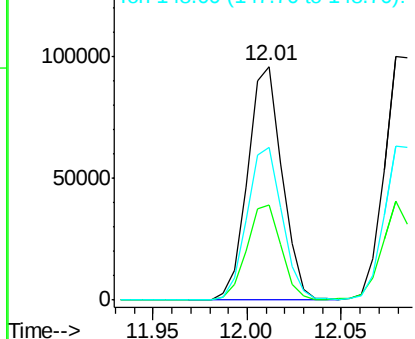
146 100

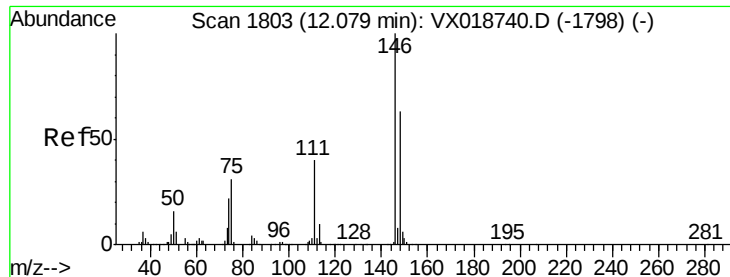
111 40.6 28.4 52.8

148 65.6 45.9 85.3



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

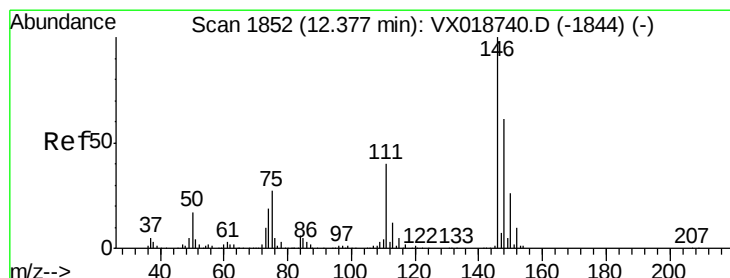
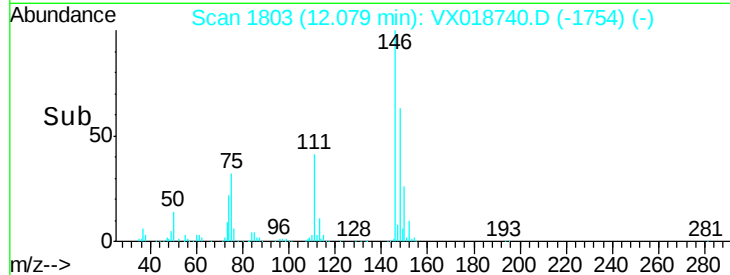
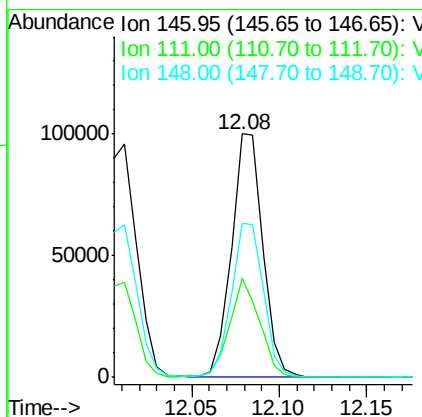
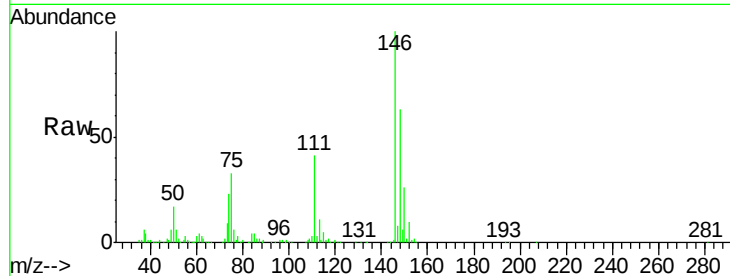




#64
 1,4-Dichlorobenzene
 Concen: 3.682 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018740.D
 Acq: 02 Oct 2020 11:19

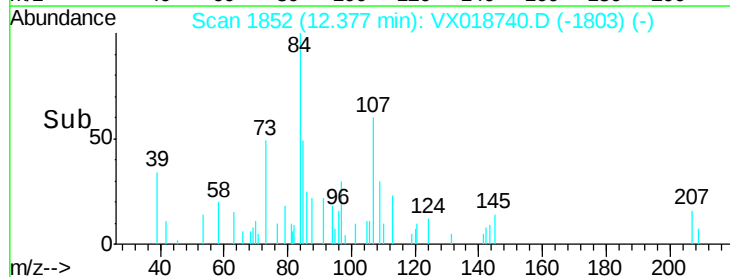
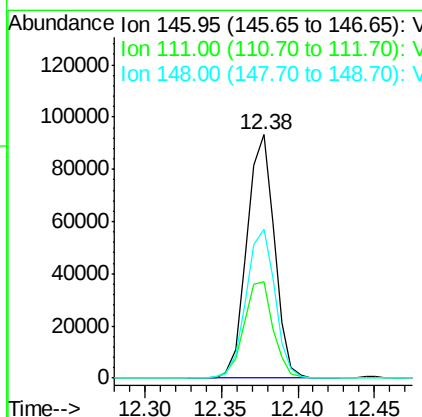
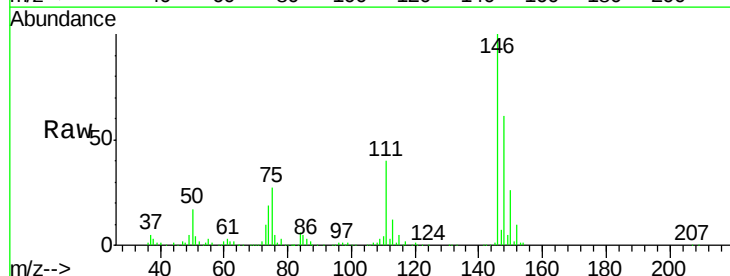
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00566

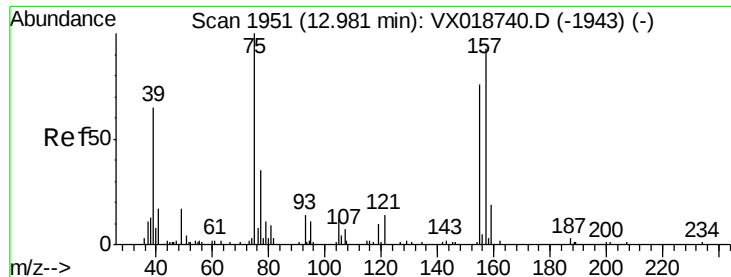
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	28.6	53.2
148	63.1	44.2	82.0



#66
 1,2-Dichlorobenzene
 Concen: 3.672 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018740.D
 Acq: 02 Oct 2020 11:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	31.7	47.5
148	61.3	49.0	73.6

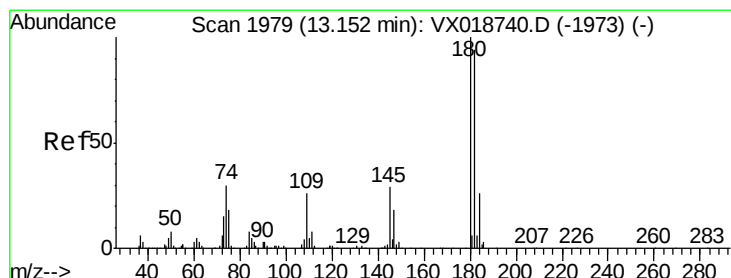
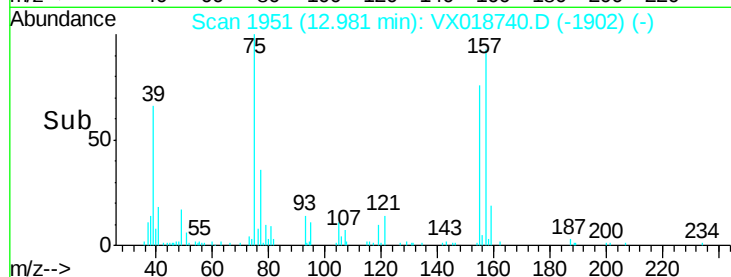
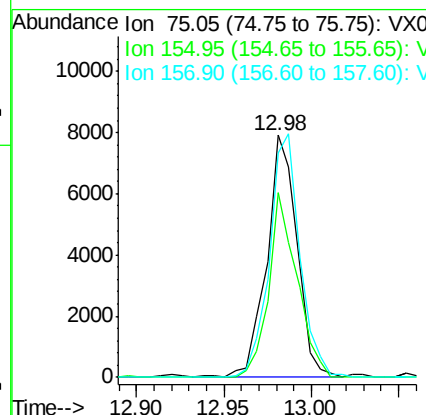
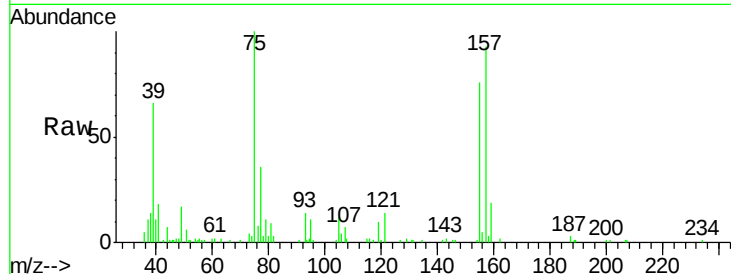




#67
 1,2-Dibromo-3-chloropropane
 Concen: 3.413 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018740.D
 Acq: 02 Oct 2020 11:19

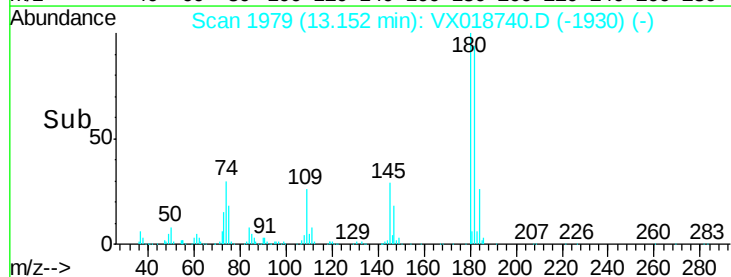
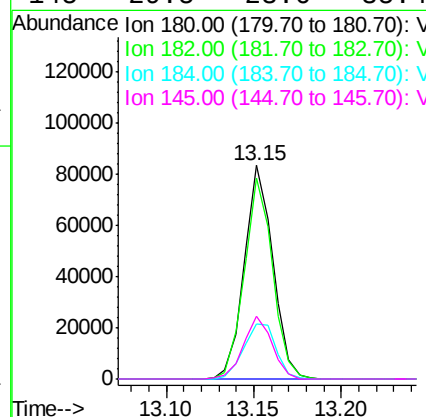
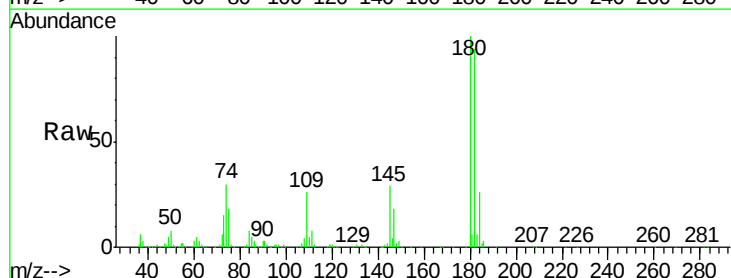
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00566

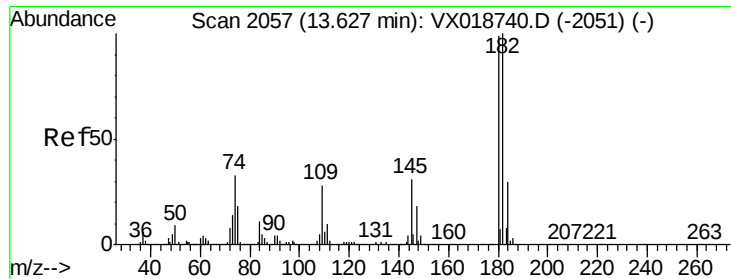
Tgt Ion: 75 Resp: 9501
 Ion Ratio Lower Upper
 75 100
 155 76.4 61.1 91.7
 157 92.7 74.2 111.2



#68
 1,3,5-Trichlorobenzene
 Concen: 3.730 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX018740.D
 Acq: 02 Oct 2020 11:19

Tgt Ion: 180 Resp: 94636
 Ion Ratio Lower Upper
 180 100
 182 92.6 74.1 111.1
 184 29.3 23.4 35.2
 145 29.5 23.6 35.4

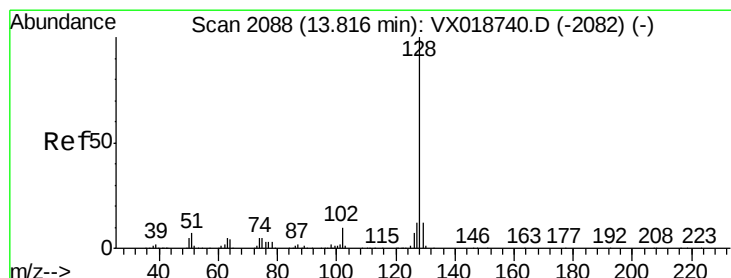
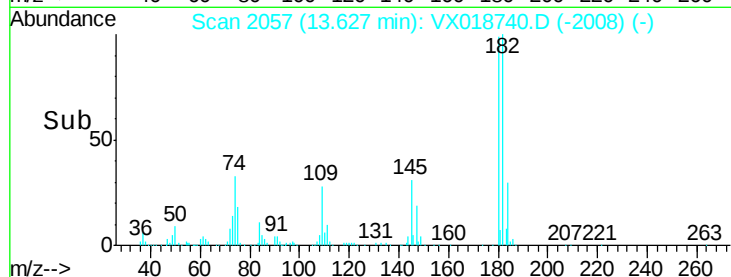
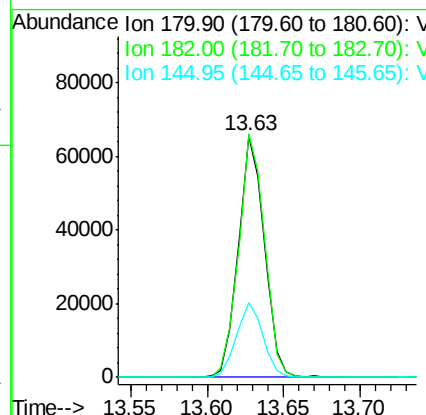
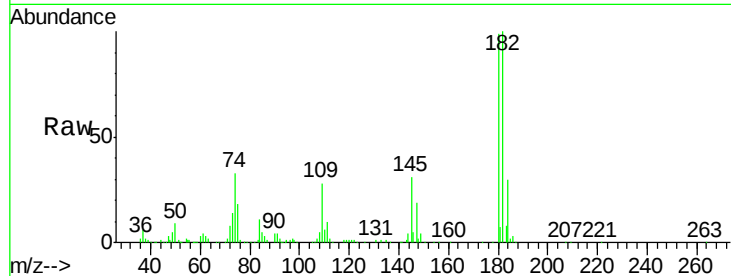




#69
 1,2,4-trichlorobenzene
 Concen: 3.473 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018740.D
 Acq: 02 Oct 2020 11:19

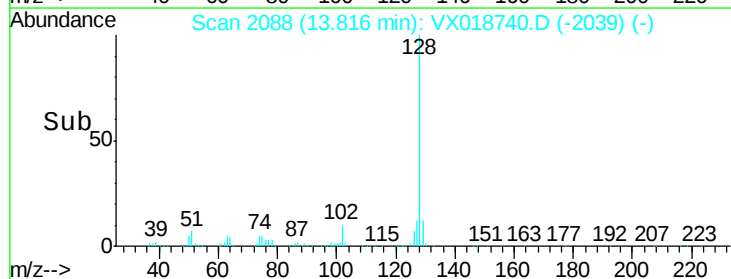
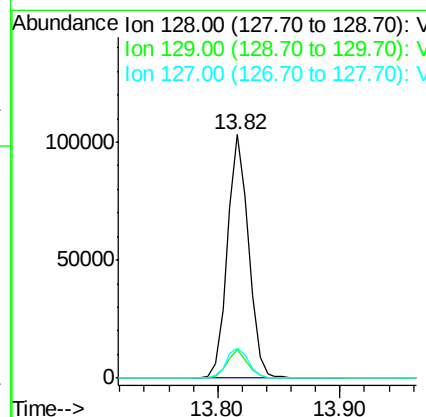
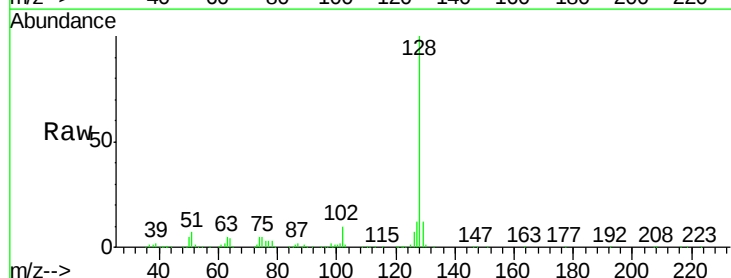
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00566

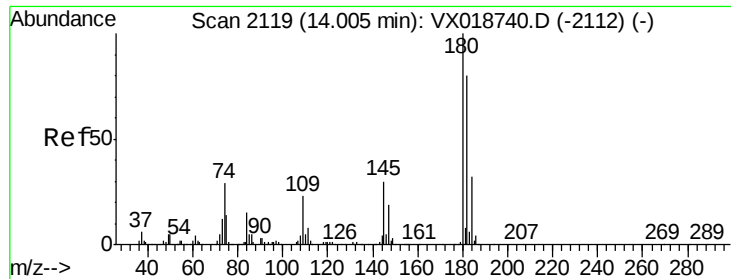
Tgt Ion:180 Resp: 77335
 Ion Ratio Lower Upper
 180 100
 182 100.3 80.2 120.4
 145 31.5 25.2 37.8



#70
 Naphthalene
 Concen: 3.065 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX018740.D
 Acq: 02 Oct 2020 11:19

Tgt Ion:128 Resp: 123246
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.4
 127 13.1 10.5 15.7





#71
 1,2,3-Trichlorobenzene
 Concen: 3.452 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX018740.D
 Acq: 02 Oct 2020 11:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00566

Tgt Ion:	180	Resp:	71743
Ion	Ratio	Lower	Upper
180	100		
182	92.0	73.6	110.4
145	33.3	26.6	40.0

