

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100220\
 Data File : VX018743.D
 Acq On : 02 Oct 2020 12:59
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 03 05:20:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 14:11:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	182055	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	175144	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	95819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53858	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.70	69	44244	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.34	63	122425	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.55	46	152487	54.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.34%
24) Chloroform-d	5.14	84	136263	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	6.04	65	80684	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	6.05	84	231670	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	7.37	67	64971	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	8.70	98	224878	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
45) trans-1,3-Dichloropropene-	8.99	79	35726	5.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.40%
48) 2-Hexanone-d5	9.43	63	126792	55.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.76%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	52824	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	89788	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	69277	5.668	ug/L	96
3) Chloromethane	1.31	50	48067	5.459	ug/L	97
5) Vinyl chloride	1.39	62	54477	5.546	ug/L	94
6) Bromomethane	1.64	94	34476	5.923	ug/L	86
8) Chloroethane	1.72	64	31454	5.279	ug/L	92
9) Trichlorofluoromethane	1.92	101	120449	5.747	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	56902	5.566	ug/L	96
12) 1,1-Dichloroethene	2.36	96	49914	5.504	ug/L	96
13) Acetone	2.45	43	86451	56.766	ug/L	99
14) Carbon disulfide	2.55	76	157634	5.554	ug/L	97
15) Methyl Acetate	2.76	43	20035	5.353	ug/L	92
16) Methylene chloride	2.84	84	53609	4.875	ug/L	97
17) Methyl tert-butyl Ether	3.17	73	129338	5.529	ug/L	100
18) trans-1,2-Dichloroethene	3.14	96	53893	5.550	ug/L	96
19) 1,1-Dichloroethane	3.67	63	96776	5.606	ug/L	97
21) 2-Butanone	4.65	43	130361	58.800	ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	56915	5.683	ug/L #	96

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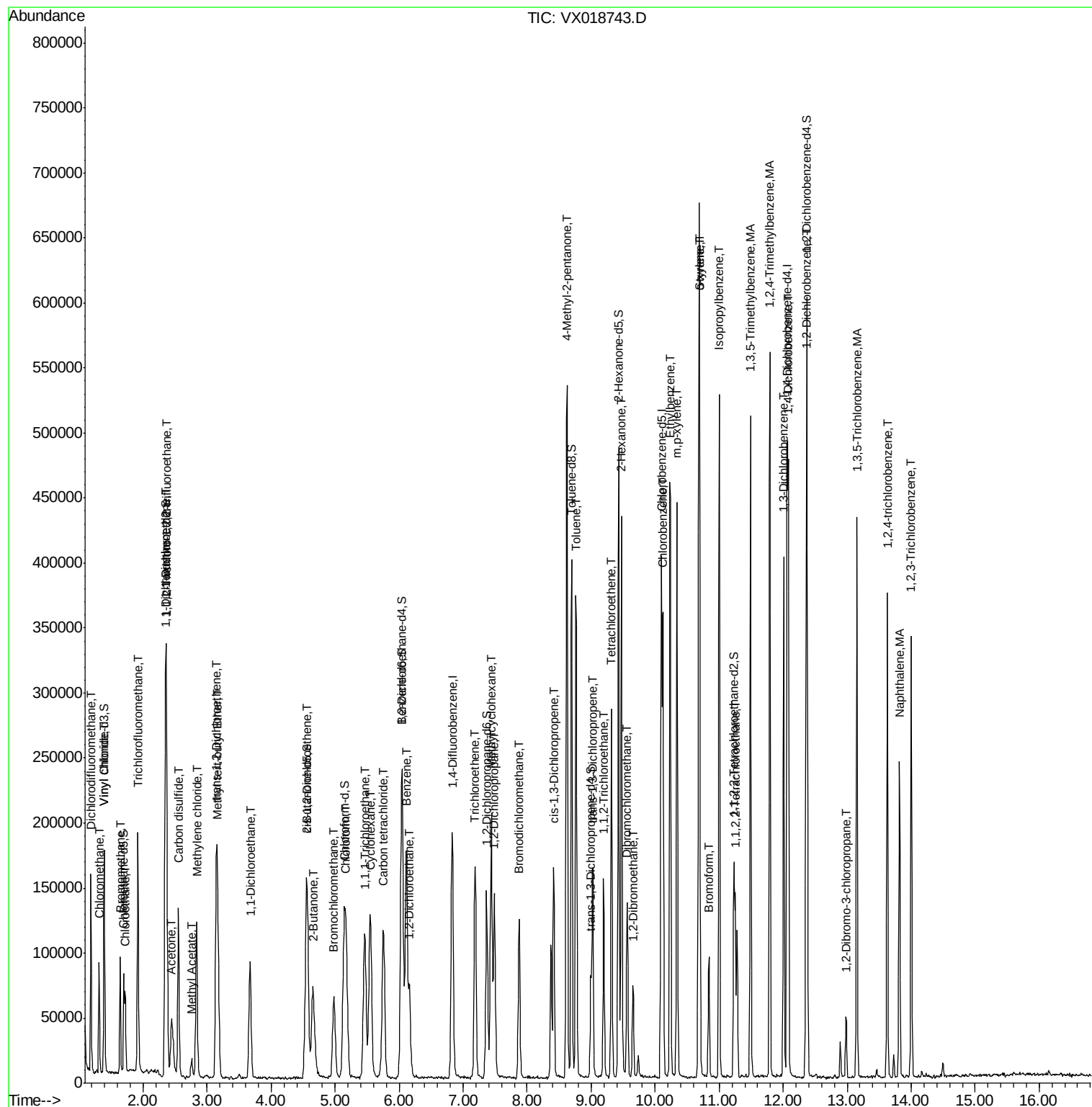
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	27958	5.506	ug/L	94
25) Chloroform	5.17	83	110333	5.593	ug/L	97
27) 1,2-Dichloroethane	6.16	62	77313	5.395	ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	113909	5.498	ug/L	98
30) Cyclohexane	5.54	56	77365	5.384	ug/L	97
31) Carbon tetrachloride	5.75	117	108111	5.657	ug/L	100
33) Benzene	6.11	78	204899	5.587	ug/L	100
34) Trichloroethene	7.18	95	61193	5.651	ug/L	96
35) Methylcyclohexane	7.44	83	86311	5.625	ug/L	98
37) 1,2-Dichloropropane	7.49	63	47361	5.155	ug/L	100
38) Bromodichloromethane	7.87	83	80103	5.466	ug/L #	91
39) cis-1,3-Dichloropropene	8.42	75	81484	5.556	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	298276	56.035	ug/L	99
42) Toluene	8.76	91	230935	5.754	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	224619	5.914	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	230156	5.970	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	76785	5.671	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	36531	5.268	ug/L	91
49) Tetrachloroethene	9.32	164	52242	5.519	ug/L	95
50) 2-Hexanone	9.48	43	225024	58.205	ug/L	100
51) Dibromochloromethane	9.57	129	57063	5.662	ug/L	95
52) 1,2-Dibromoethane	9.65	107	37663	5.373	ug/L #	98
53) Chlorobenzene	10.12	112	151199	5.508	ug/L	94
54) Ethylbenzene	10.23	91	263877	5.865	ug/L	99
55) m,p-xylene	10.34	106	99622	5.677	ug/L	97
56) o-xylene	10.68	106	96143	5.928	ug/L	97
57) Styrene	10.70	104	163650	5.916	ug/L	94
58) Isopropylbenzene	11.00	105	265301	5.844	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	44873	5.838	ug/L	95
62) Bromoform	10.84	173	33259	5.252	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	131772	5.658	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	136330	5.870	ug/L	93
66) 1,2-Dichlorobenzene	12.38	146	119333	5.488	ug/L	94
67) 1,2-Dibromo-3-chloropropan	12.98	75	9776	5.275	ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	100703	5.618	ug/L	95
69) 1,2,4-trichlorobenzene	13.63	180	89900	6.041	ug/L	95
70) Naphthalene	13.82	128	140208	5.764	ug/L	100
71) 1,2,3-Trichlorobenzene	14.00	180	74599	5.571	ug/L	94

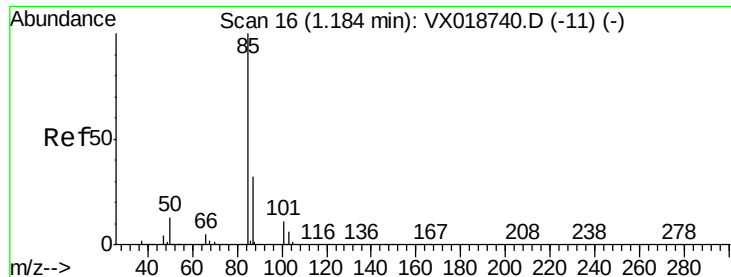
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 5.668 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

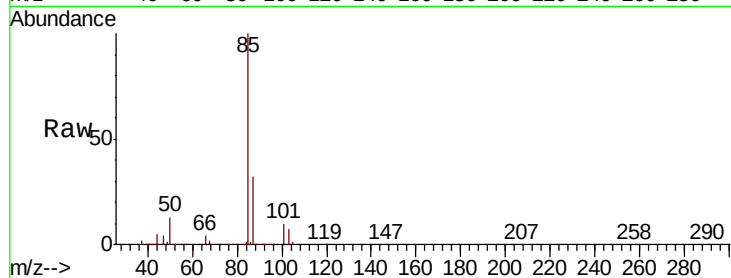
ClientSampleId :

Tot Ion: 85 Resp: 69277

Ion Ratio Lower Upper

85 100

87 33.9 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

1.18

80000

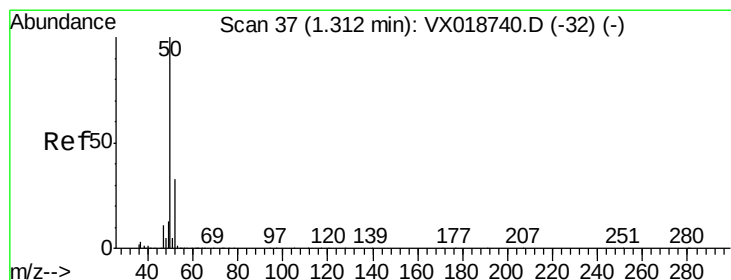
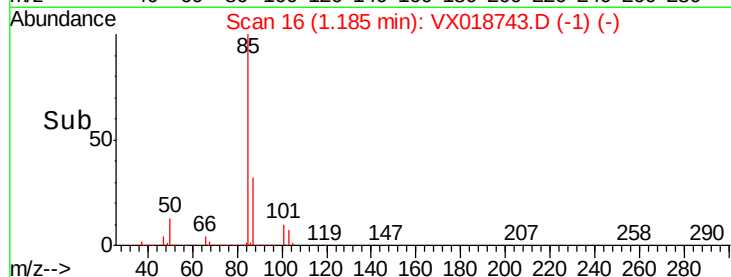
60000

40000

20000

0

Time--> 1.10 1.15 1.20 1.25



#3

Chloromethane

Concen: 5.459 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018743.D

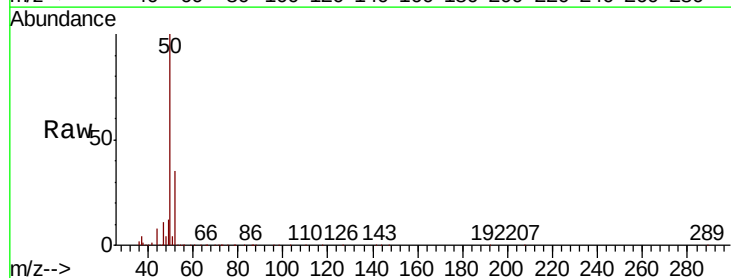
Acq: 02 Oct 2020 12:59

Tgt Ion: 50 Resp: 48067

Ion Ratio Lower Upper

50 100

52 35.4 23.4 43.6



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0

1.31

50000

40000

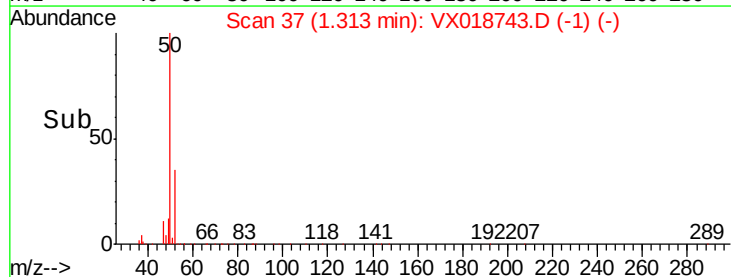
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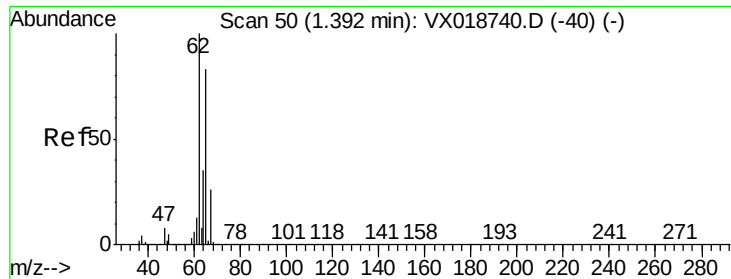
20000

10000

0

Time--> 1.25 1.30 1.35 1.40





#5

Vinyl chloride

Concen: 5.546 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

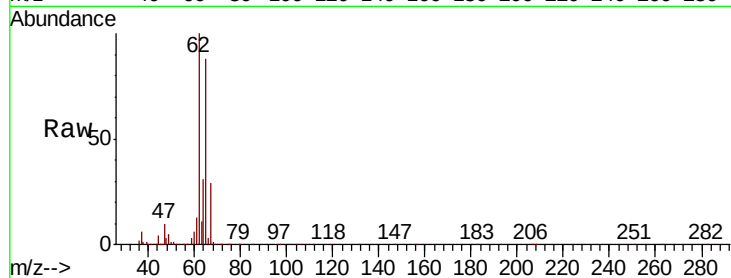
ClientSampleId :

Tot Ion: 62 Resp: 54477

Ion Ratio Lower Upper

62 100

64 31.2 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

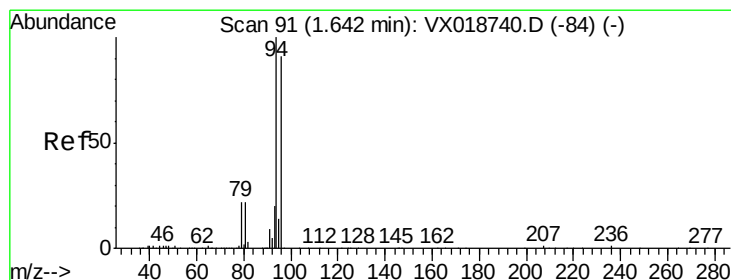
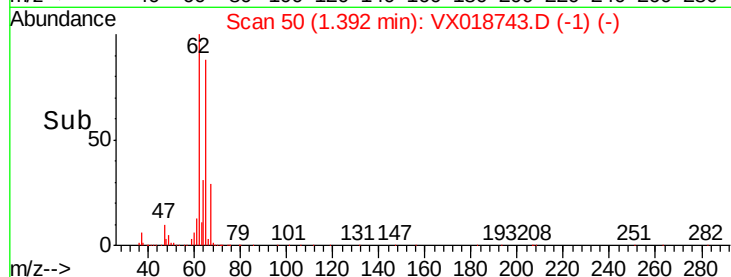
30000

20000

10000

0

Time--> 1.30 1.35 1.40 1.45 1.50



#6

Bromomethane

Concen: 5.923 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX018743.D

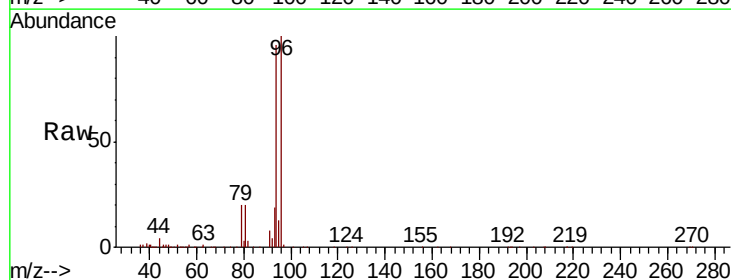
Acq: 02 Oct 2020 12:59

Tgt Ion: 94 Resp: 34476

Ion Ratio Lower Upper

94 100

96 104.2 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

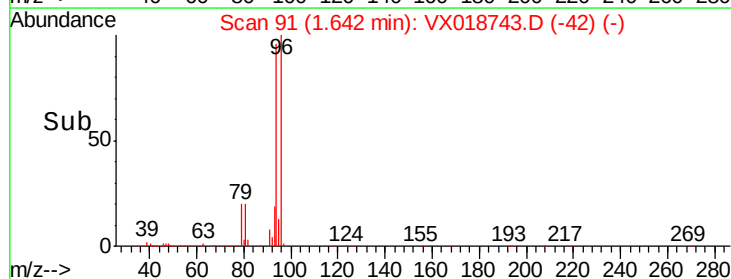
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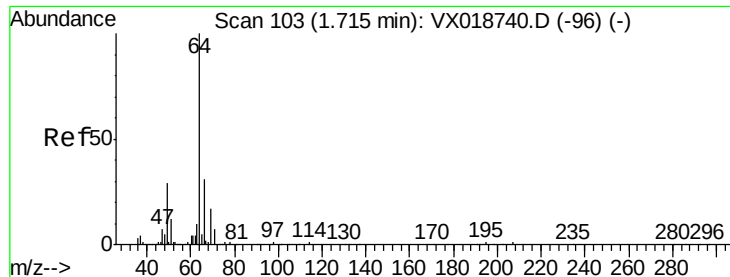
20000

10000

0

Time--> 1.60 1.65 1.70

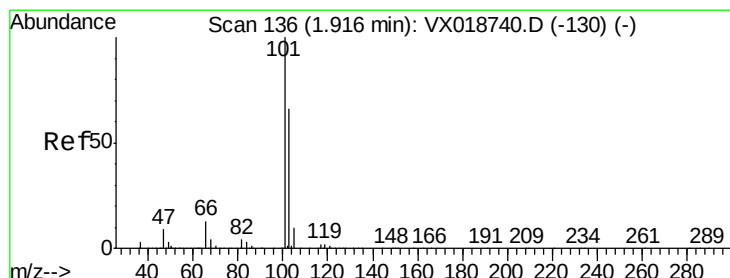
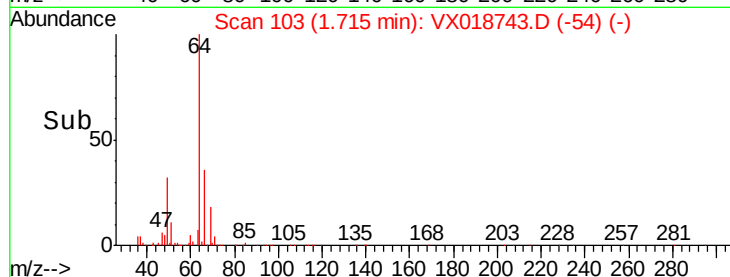
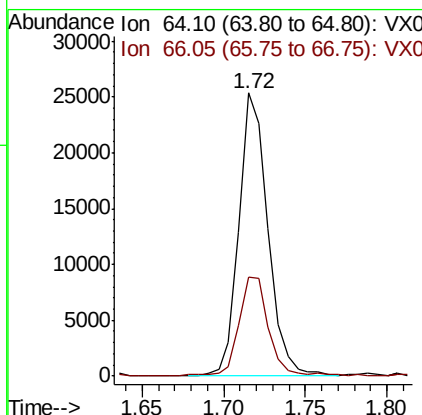
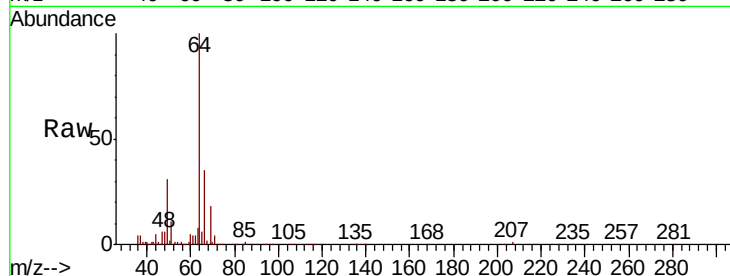




#8
Chloroethane
Concen: 5.279 ug/L
RT: 1.72 min Scan# 103
Delta R.T. 0.00 min
Lab File: VX018743.D
Acq: 02 Oct 2020 12:59

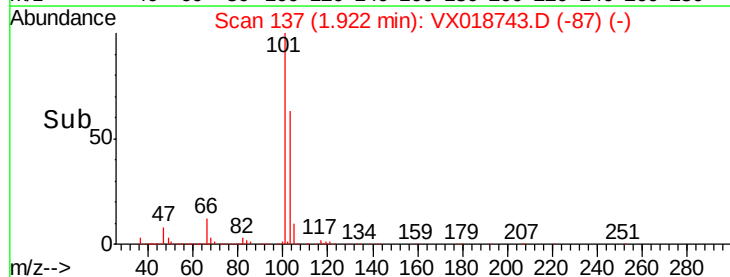
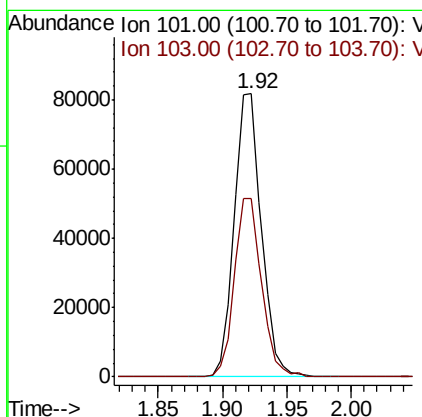
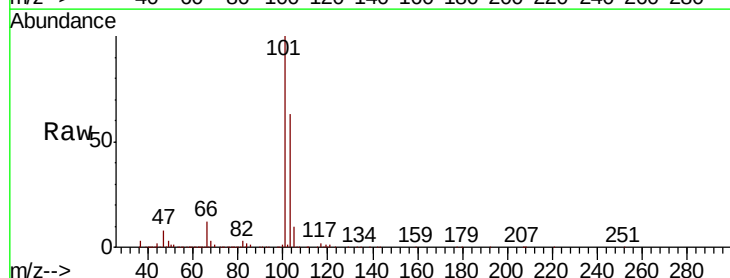
Instrument :
MSVOA_X
ClientSampled :

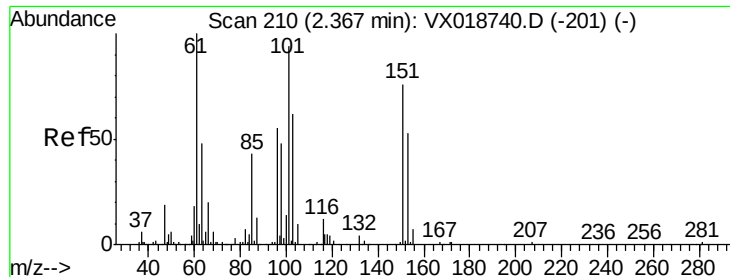
Tot Ion: 64 Resp: 31454
Ion Ratio Lower Upper
64 100
66 35.2 21.5 39.9



#9
Trichlorofluoromethane
Concen: 5.747 ug/L
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX018743.D
Acq: 02 Oct 2020 12:59

Tgt Ion: 101 Resp: 120449
Ion Ratio Lower Upper
101 100
103 63.3 52.2 78.4





#10

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

Concen: 5.566 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

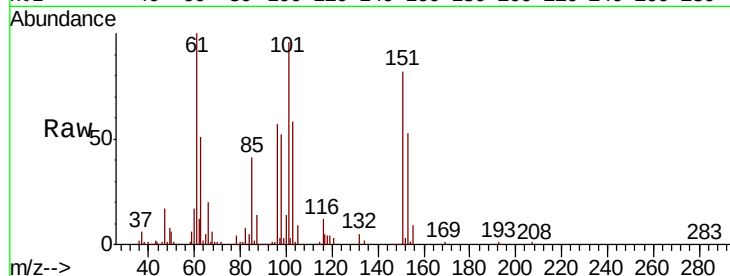
Tot Ion:101 Resp: 56902

Ion Ratio Lower Upper

101 100

85 47.1 37.1 55.7

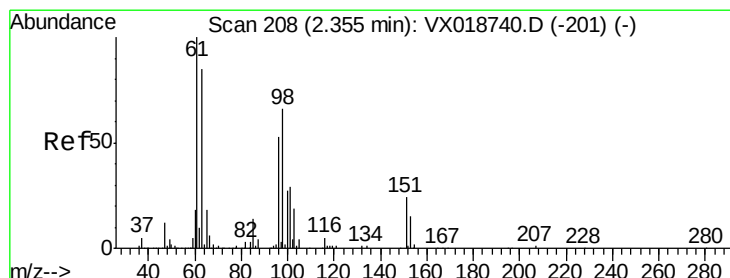
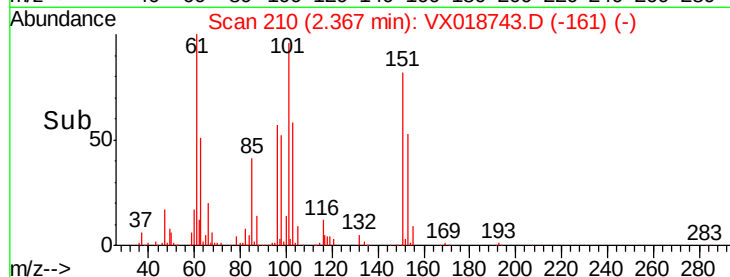
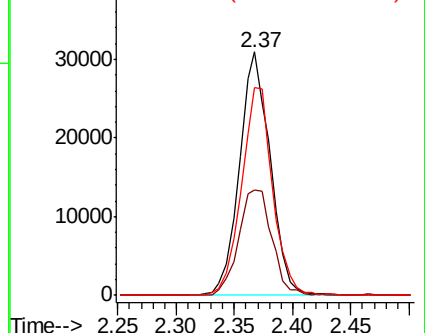
151 86.9 65.0 97.6



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: 5.504 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

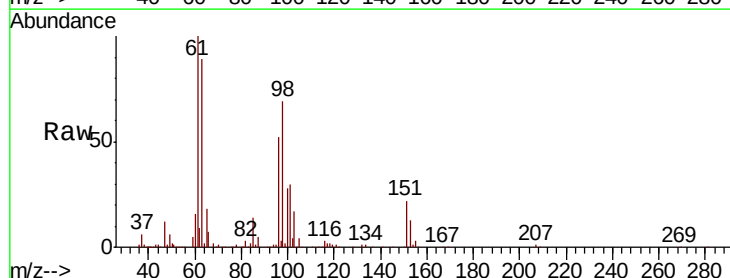
Tgt Ion: 96 Resp: 49914

Ion Ratio Lower Upper

96 100

61 192.7 133.2 247.4

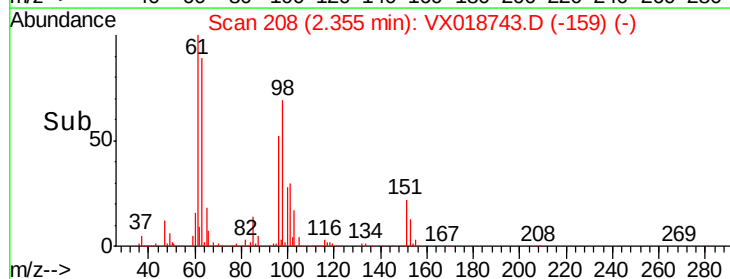
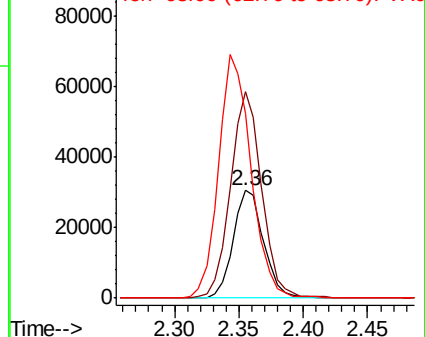
63 172.1 115.1 213.7

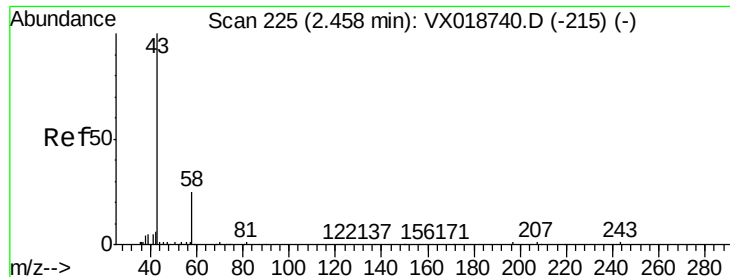


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 56.766 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.01 min

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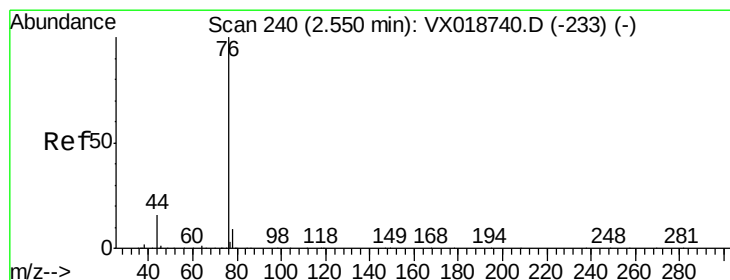
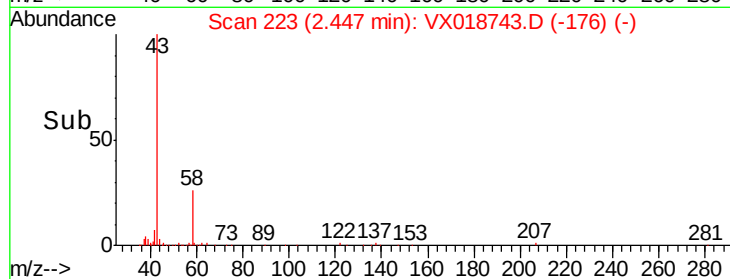
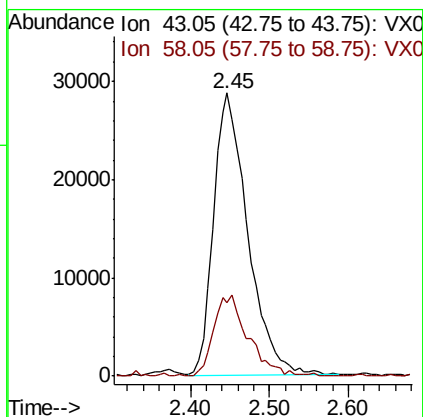
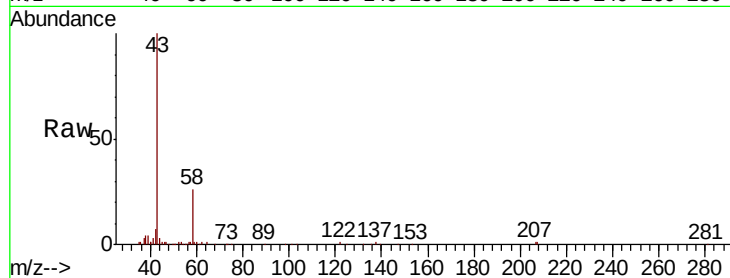
ClientSampleId :

Tot Ion: 43 Resp: 86451

Ion Ratio Lower Upper

43 100

58 28.8 0.0 56.4



#14

Carbon disulfide

Concen: 5.554 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018743.D

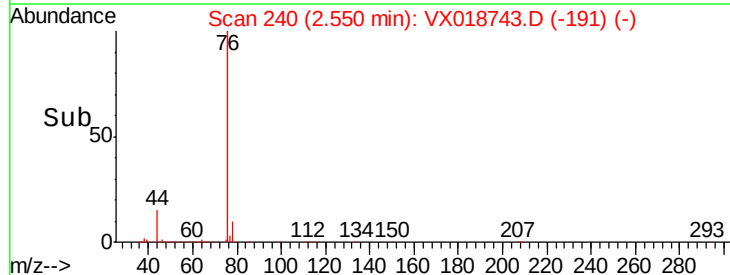
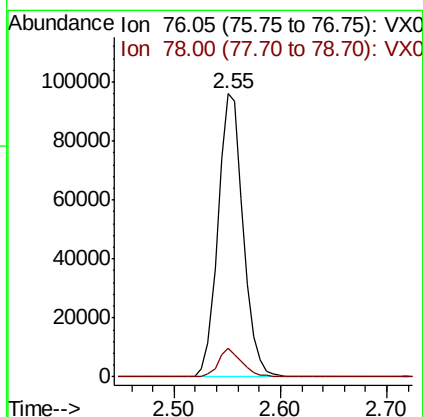
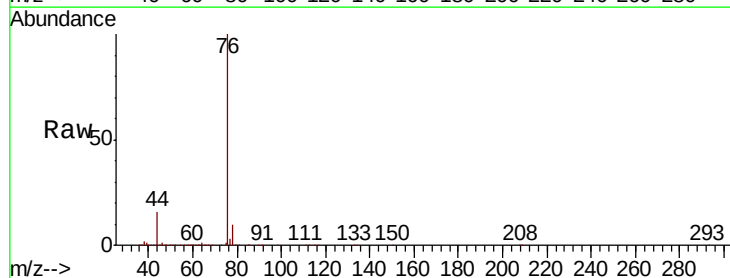
Acq: 02 Oct 2020 12:59

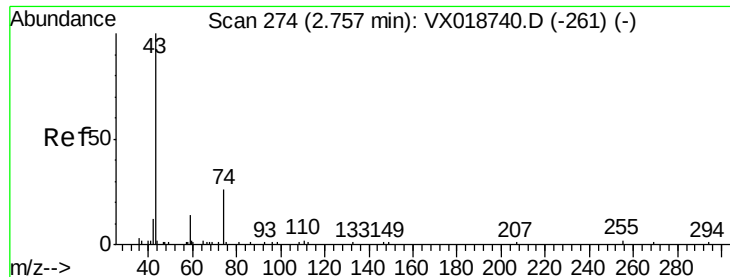
Tgt Ion: 76 Resp: 157634

Ion Ratio Lower Upper

76 100

78 10.3 7.4 11.2

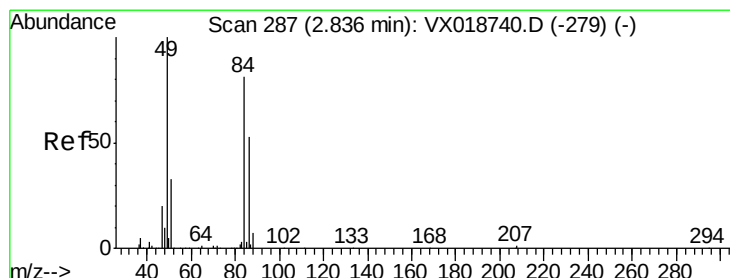
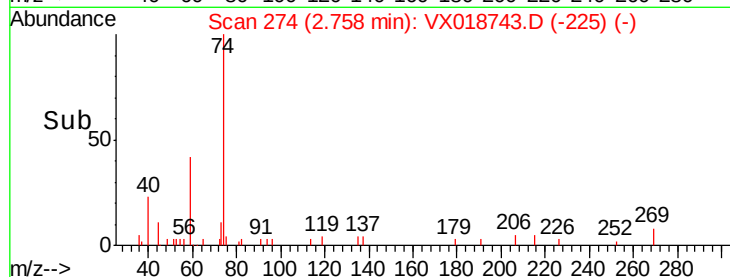
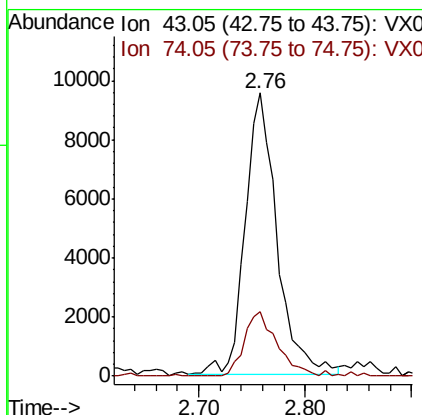
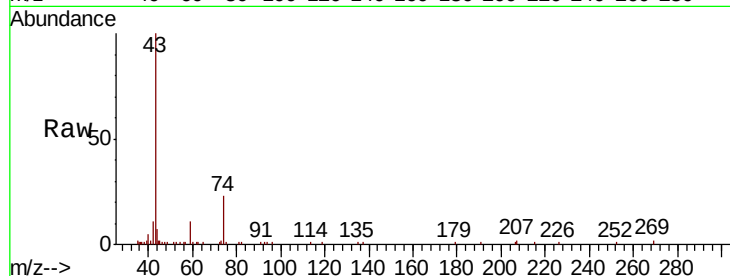




#15
Methyl Acetate
Concen: 5.353 ug/L
RT: 2.76 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX018743.D
Acq: 02 Oct 2020 12:59

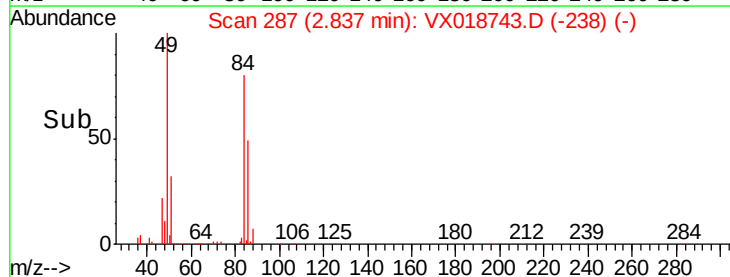
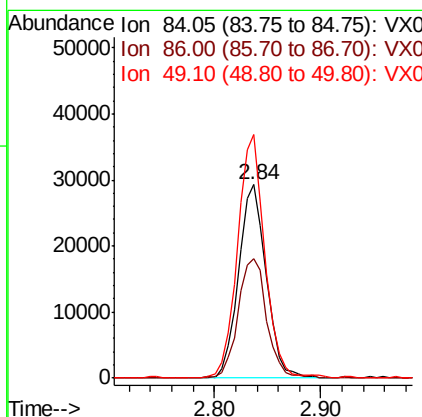
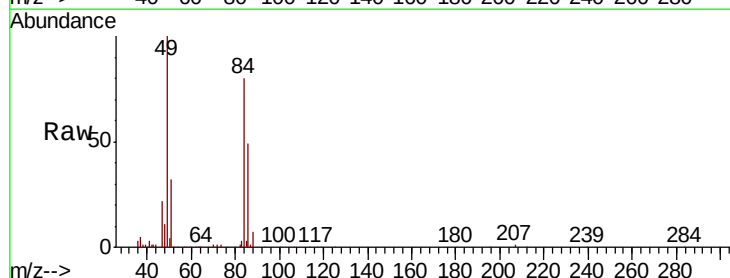
Instrument :
MSVOA_X
ClientSampled :

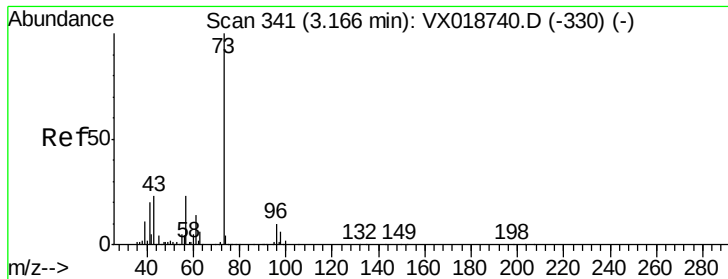
Tot Ion: 43 Resp: 20035
Ion Ratio Lower Upper
43 100
74 23.2 21.9 32.9



#16
Methylene chloride
Concen: 4.875 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018743.D
Acq: 02 Oct 2020 12:59

Tgt Ion: 84 Resp: 53609
Ion Ratio Lower Upper
84 100
86 61.9 45.6 84.8
49 125.8 85.8 159.3



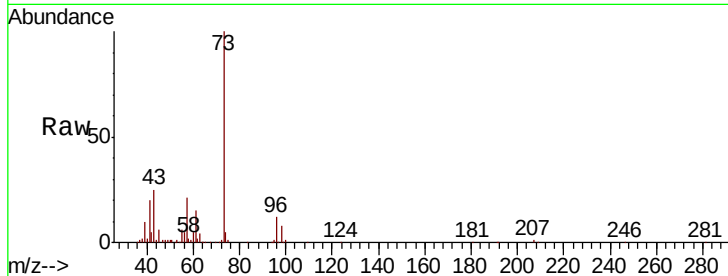


#17

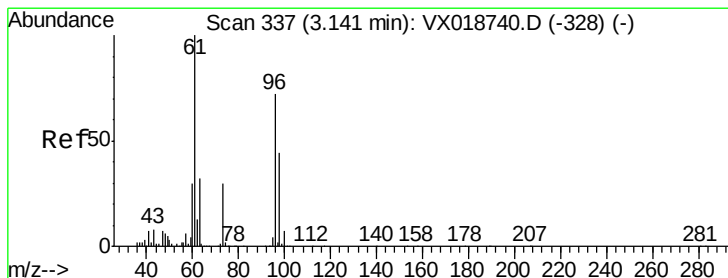
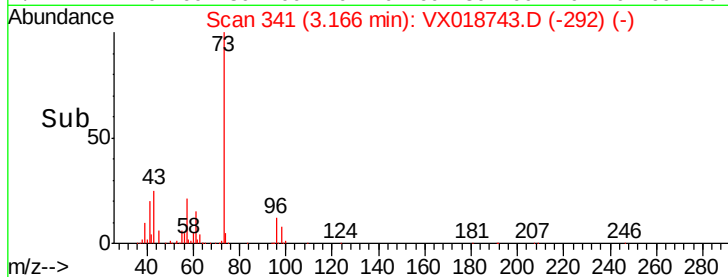
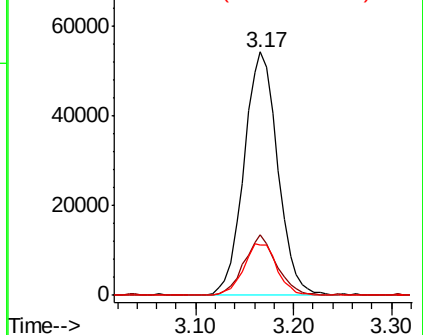
Methyl tert-butyl Ether
 Concen: 5.529 ug/L
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
73	100		
43	24.1	19.4	29.0
57	21.3	17.2	25.8



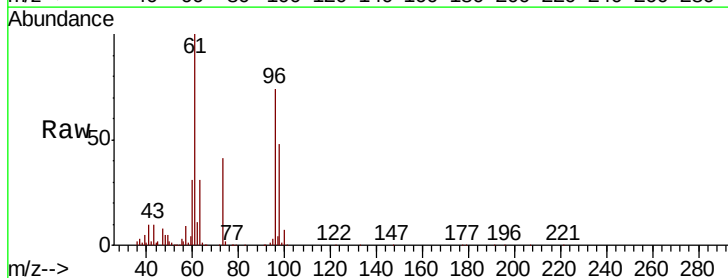
Abundance Ion 73.10 (72.80 to 73.80): VX0
 Ion 43.05 (42.75 to 43.75): VX0
 Ion 57.10 (56.80 to 57.80): VX0



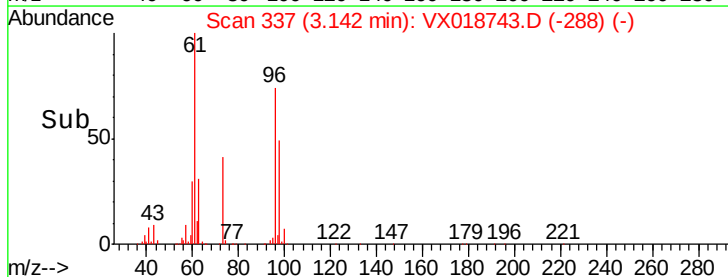
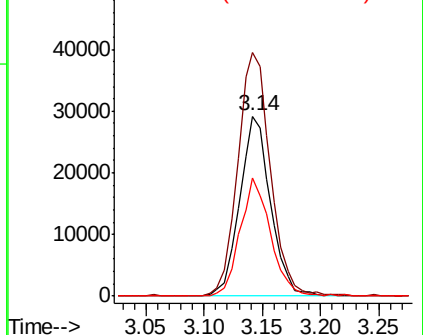
#18

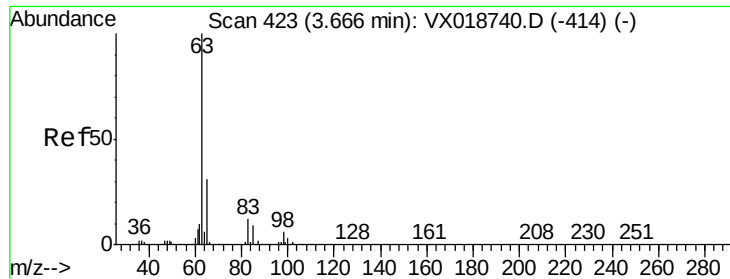
trans-1,2-Dichloroethene
 Concen: 5.550 ug/L
 RT: 3.14 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.6	97.6	181.4
98	65.6	43.1	80.1



Abundance Ion 96.00 (95.70 to 96.70): VX0
 Ion 61.05 (60.75 to 61.75): VX0
 Ion 97.95 (97.65 to 98.65): VX0

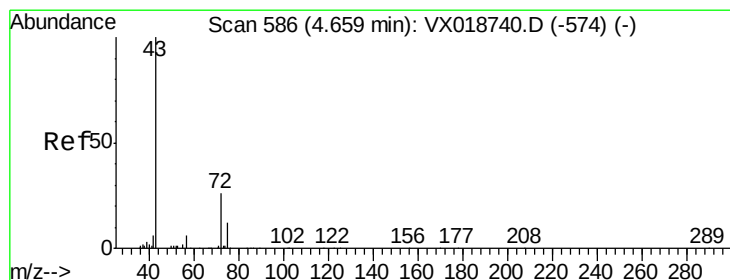
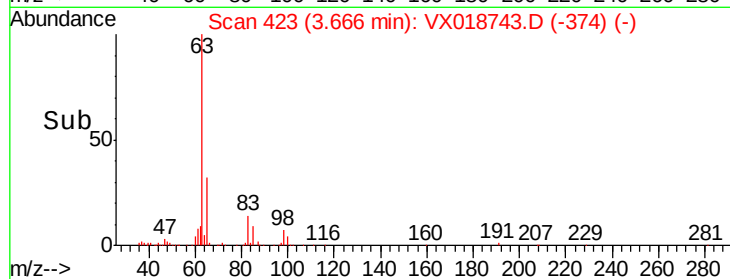
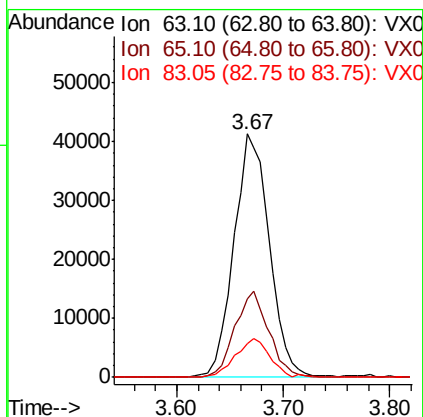
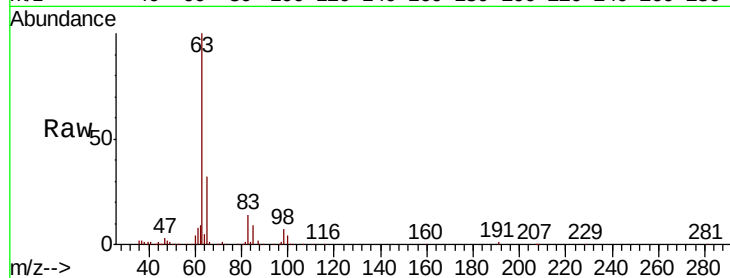




#19
 1,1-Dichloroethane
 Concen: 5.606 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

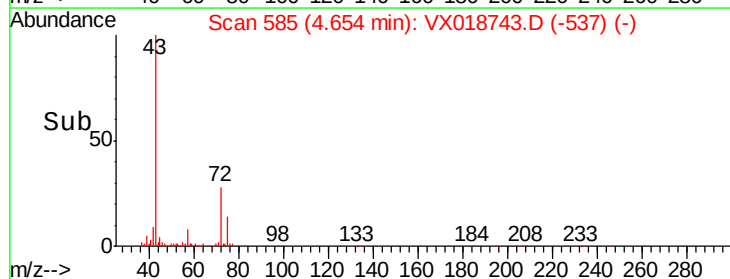
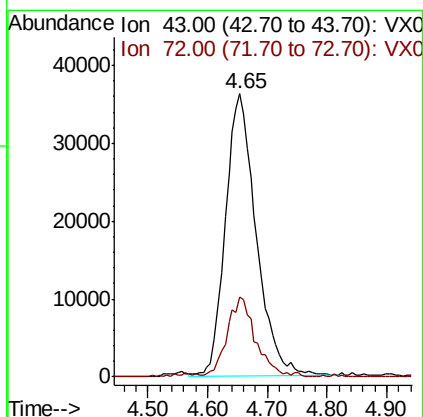
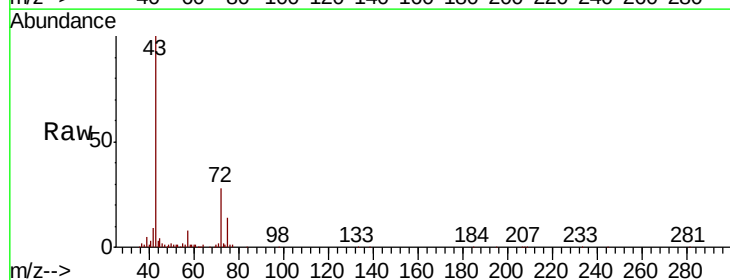
Instrument :
 MSVOA_X
 ClientSampleId :

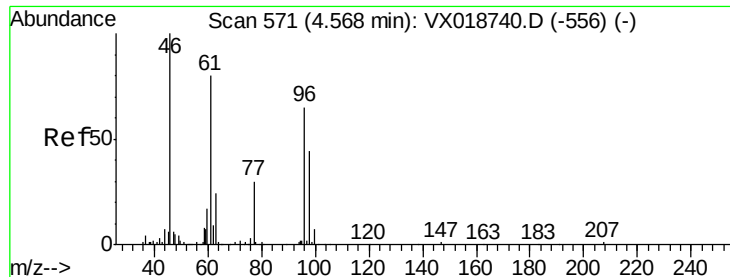
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.6	40.2
83	14.0	8.7	16.1



#21
 2-Butanone
 Concen: 58.800 ug/L
 RT: 4.65 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.9	12.4	37.2



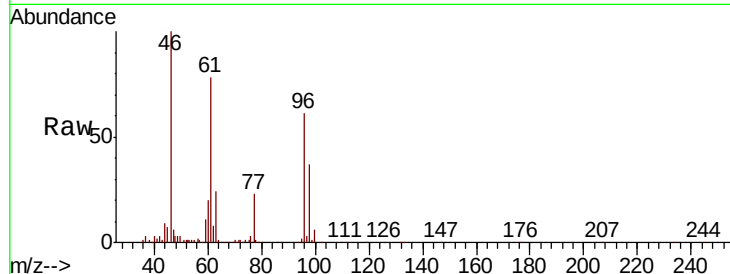


#22

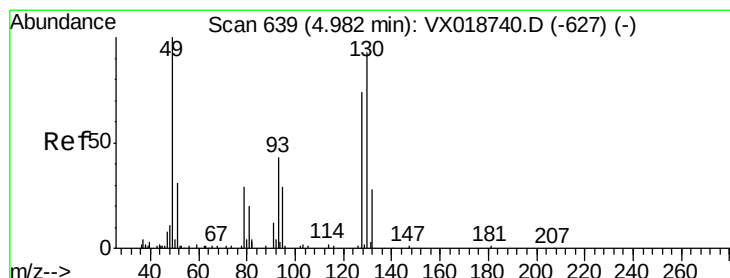
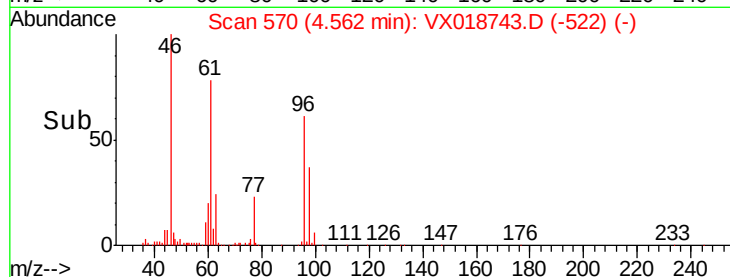
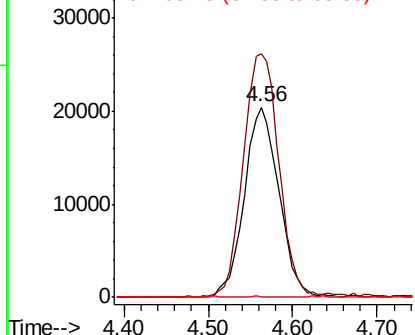
cis-1,2-Dichloroethene
Concen: 5.683 ug/L
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018743.D
Acq: 02 Oct 2020 12:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 96 Resp: 56915
Ion Ratio Lower Upper
96 100
61 128.1 86.2 160.0
68 0.0 0.3 0.7#



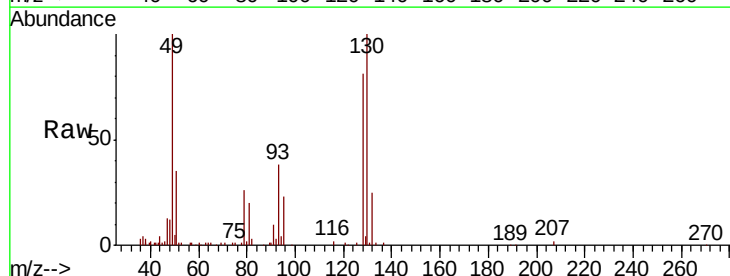
Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 68.15 (67.85 to 68.85): VX0



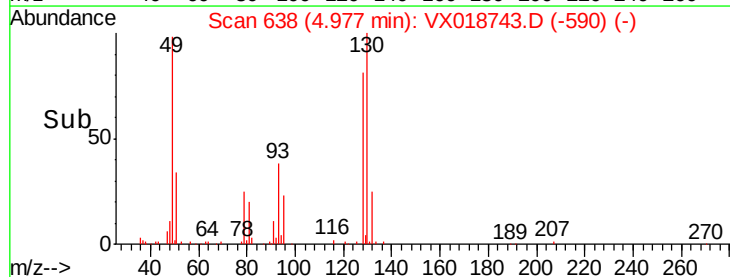
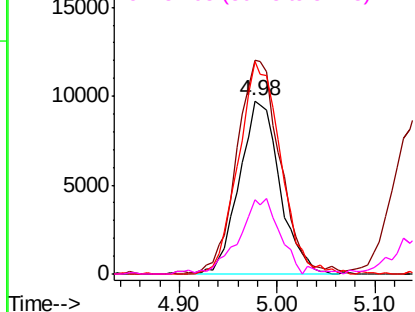
#23

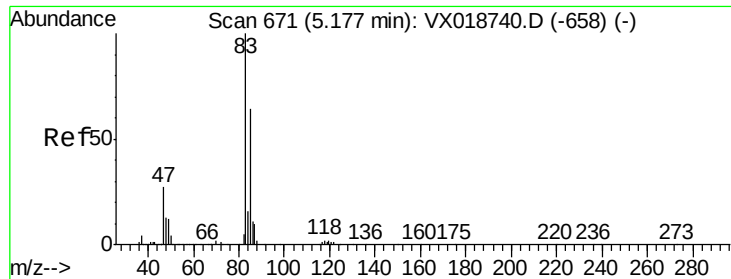
Bromochloromethane
Concen: 5.506 ug/L
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018743.D
Acq: 02 Oct 2020 12:59

Tgt Ion:128 Resp: 27958
Ion Ratio Lower Upper
128 100
49 123.3 94.5 175.5
130 122.8 88.2 163.8
51 42.8 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

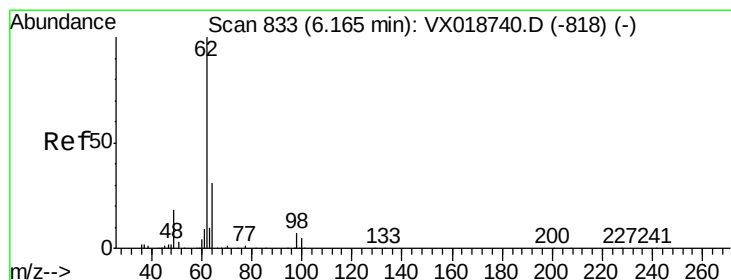
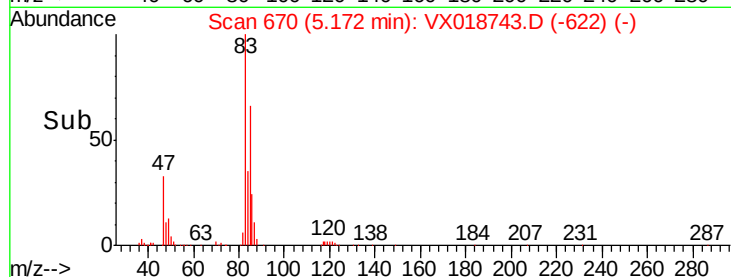
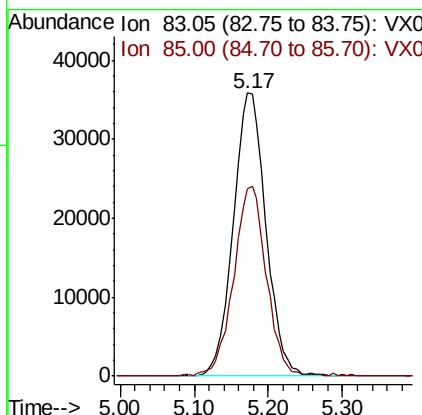
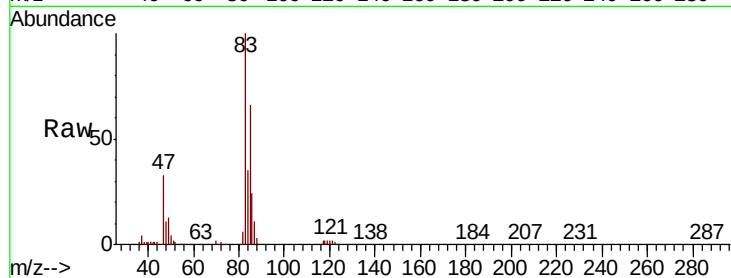




#25
Chloroform
Concen: 5.593 ug/L
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018743.D
Acq: 02 Oct 2020 12:59

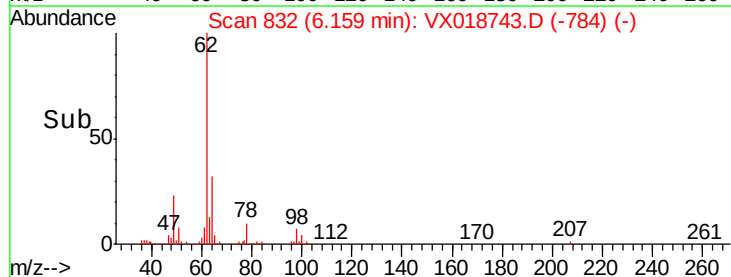
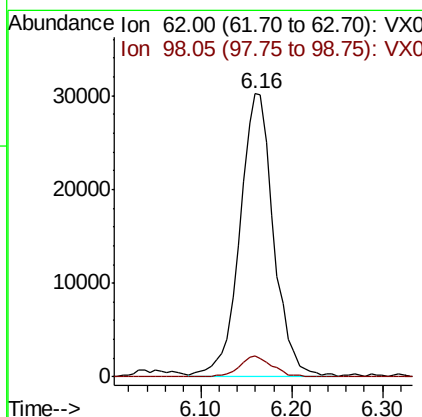
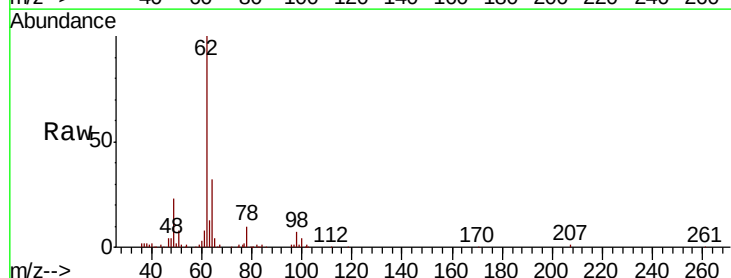
Instrument :
MSVOA_X
ClientSampleId :

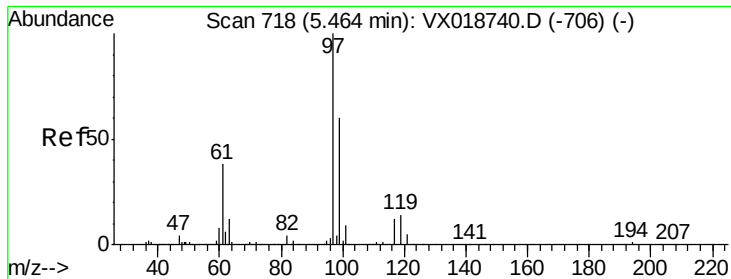
Tot Ion: 83 Resp: 110333
Ion Ratio Lower Upper
83 100
85 66.4 44.6 82.8



#27
1,2-Dichloroethane
Concen: 5.395 ug/L
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018743.D
Acq: 02 Oct 2020 12:59

Tgt Ion: 62 Resp: 77313
Ion Ratio Lower Upper
62 100
98 7.4 5.8 8.8

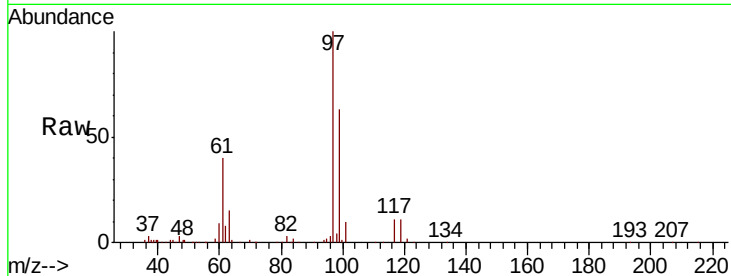




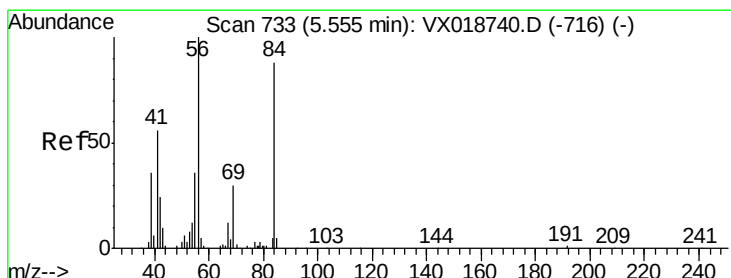
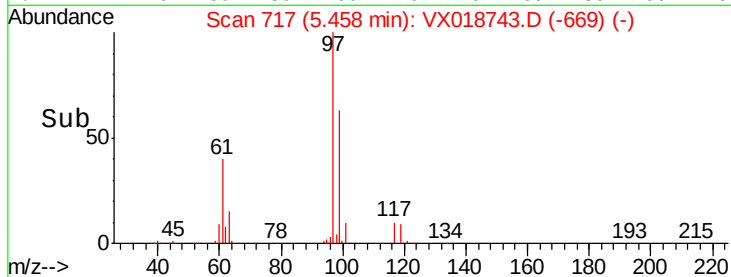
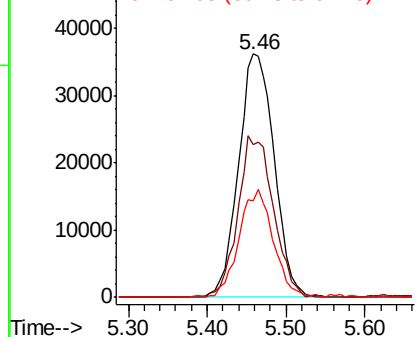
#29
 1,1,1-Trichloroethane
 Concen: 5.498 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 113909
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.3 76.9
 61 42.0 33.3 49.9

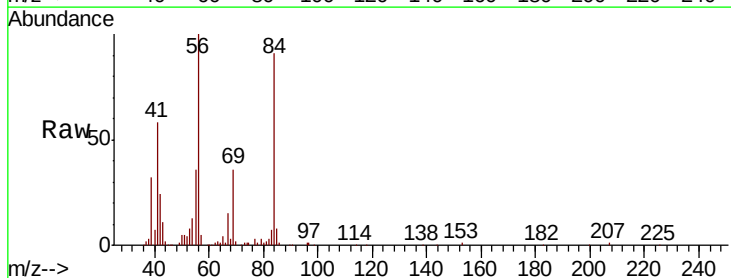


Abundance Ion 96.95 (96.65 to 97.65): VX0
 Ion 99.05 (98.75 to 99.75): VX0
 Ion 61.05 (60.75 to 61.75): VX0

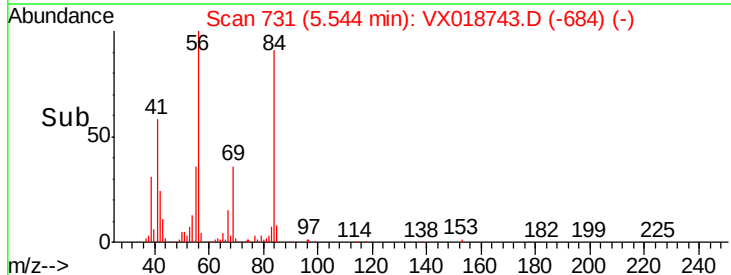
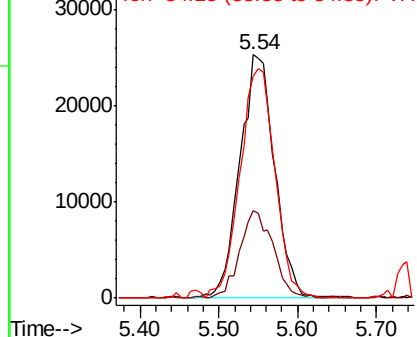


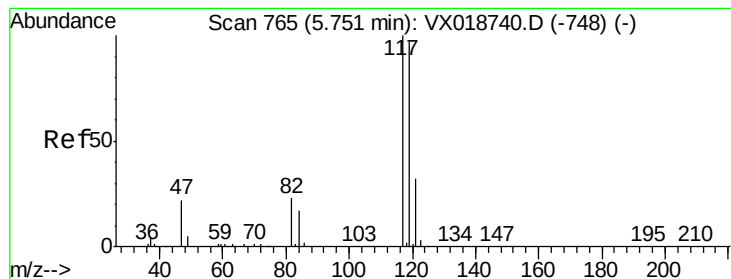
#30
 Cyclohexane
 Concen: 5.384 ug/L
 RT: 5.54 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

Tgt Ion: 56 Resp: 77365
 Ion Ratio Lower Upper
 56 100
 69 34.5 26.0 39.0
 84 94.8 73.8 110.6



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: 5.657 ug/L

RT: 5.75 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

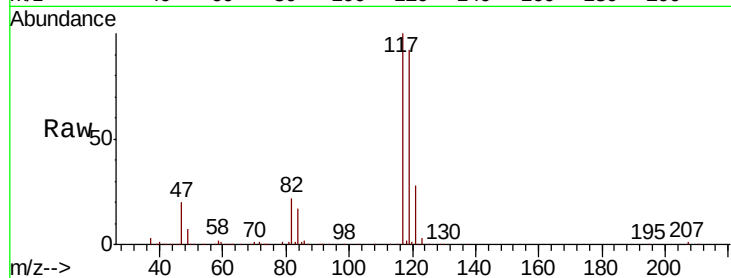
ClientSampleId :

Tot Ion:117 Resp: 108111

Ion Ratio Lower Upper

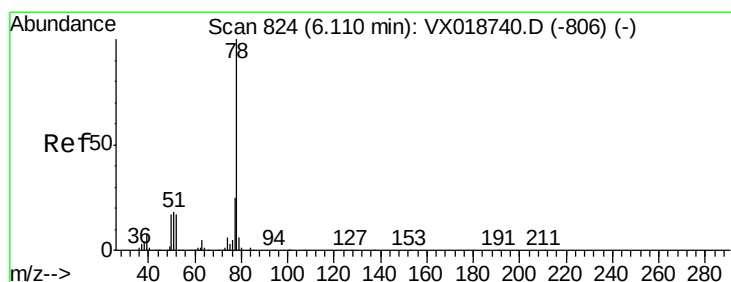
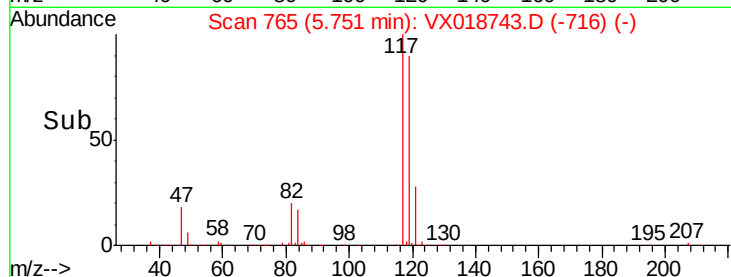
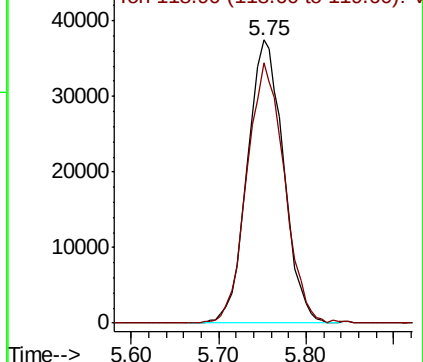
117 100

119 95.1 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: 5.587 ug/L

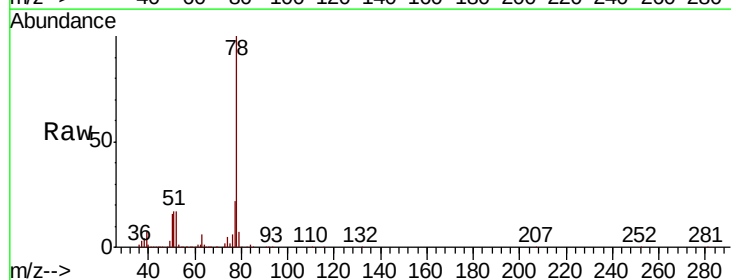
RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

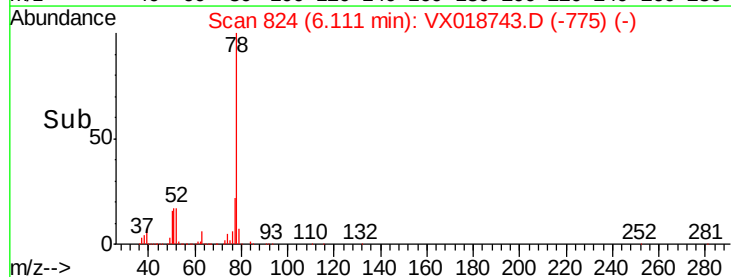
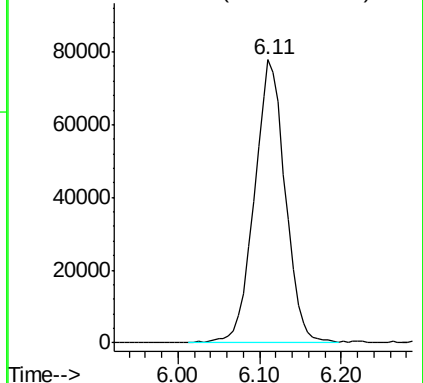
Lab File: VX018743.D

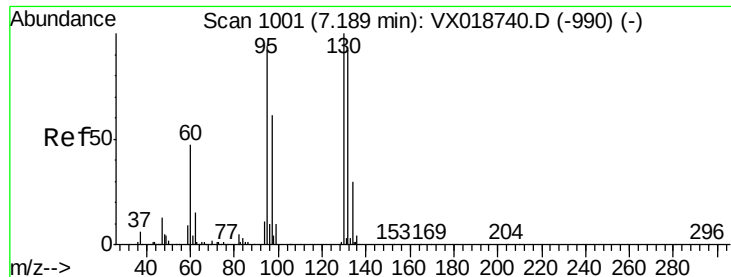
Acq: 02 Oct 2020 12:59

Tgt Ion: 78 Resp: 204899



Abundance Ion 78.10 (77.80 to 78.80): VX0

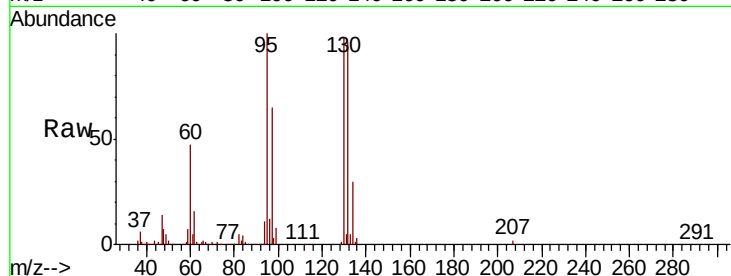




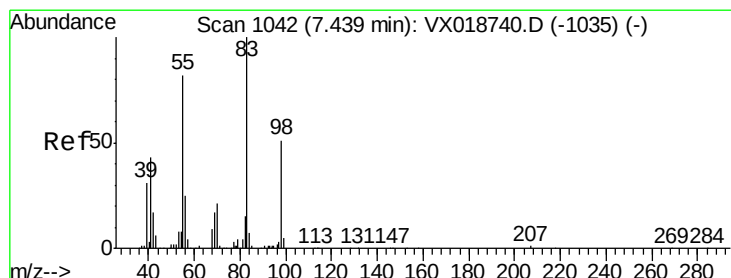
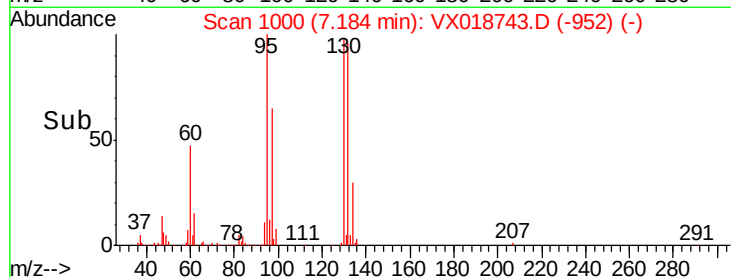
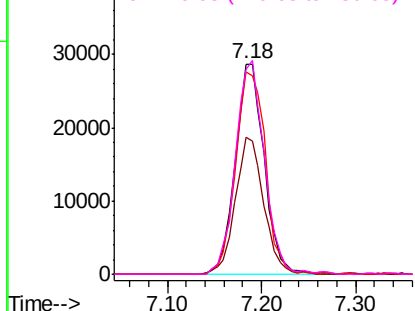
#34
 Trichloroethene
 Concen: 5.651 ug/L
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 95 Resp: 61193
 Ion Ratio Lower Upper
 95 100
 97 64.9 45.3 84.1
 132 96.4 68.6 127.4
 130 97.7 74.5 138.3

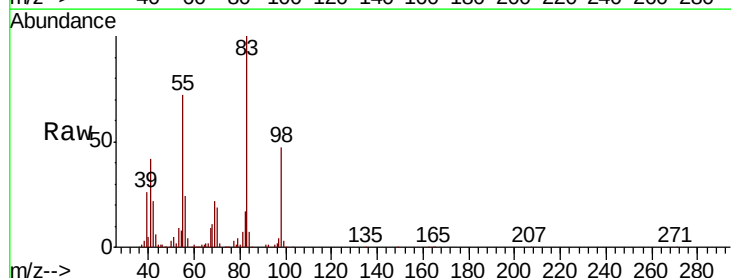


Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 96.95 (96.65 to 97.65): VX0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

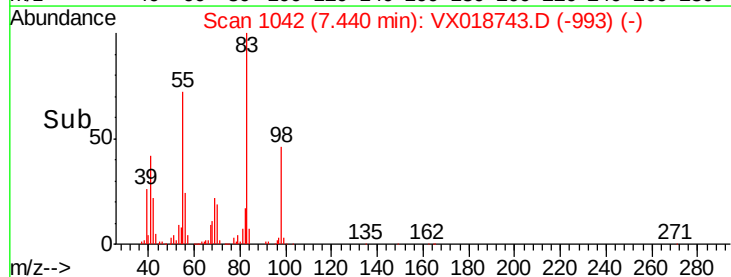
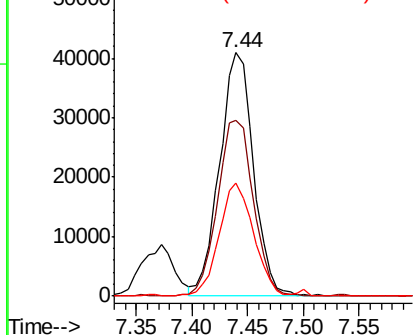


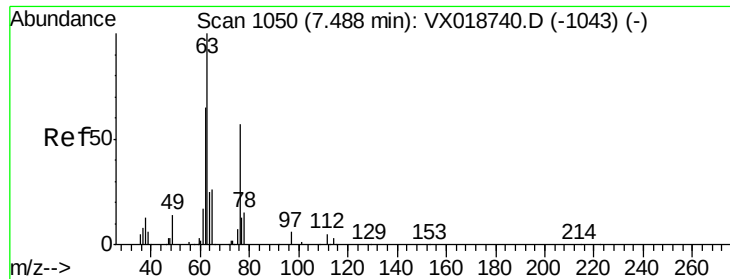
#35
 Methylcyclohexane
 Concen: 5.625 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

Tgt Ion: 83 Resp: 86311
 Ion Ratio Lower Upper
 83 100
 55 76.7 60.3 90.5
 98 47.6 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: 5.155 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

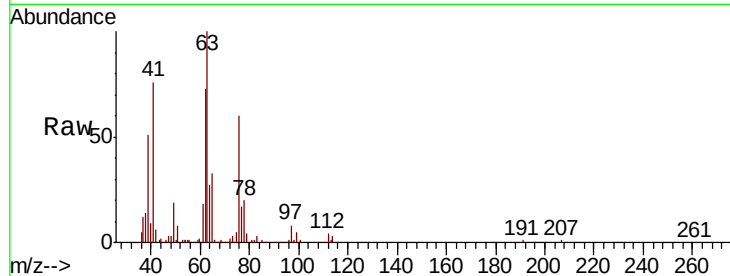
ClientSampled :

Tot Ion: 63 Resp: 47361

Ion Ratio Lower Upper

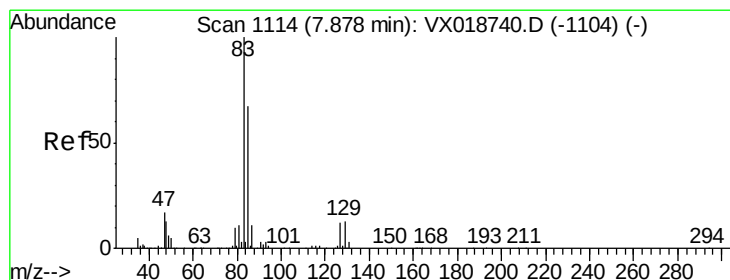
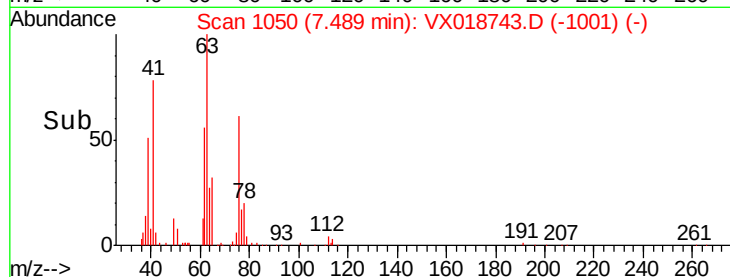
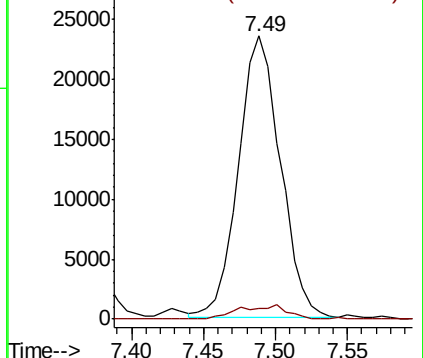
63 100

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



#38

Bromodichloromethane

Concen: 5.466 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

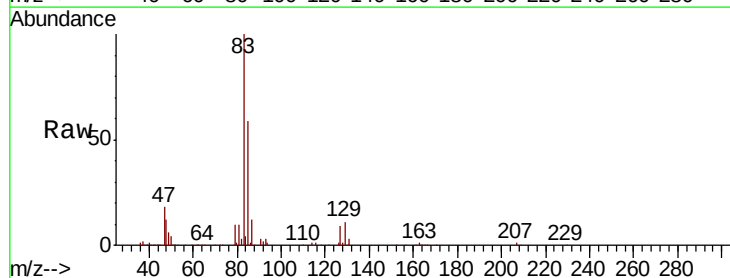
Tgt Ion: 83 Resp: 80103

Ion Ratio Lower Upper

83 100

85 59.0 46.6 86.6

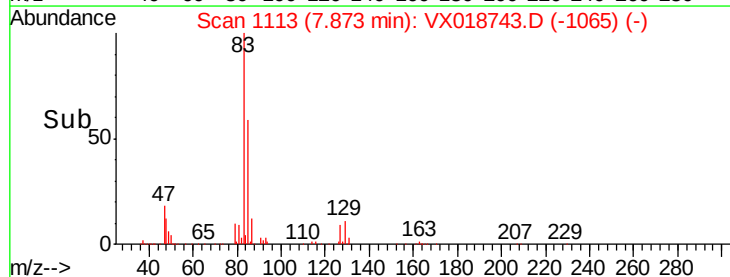
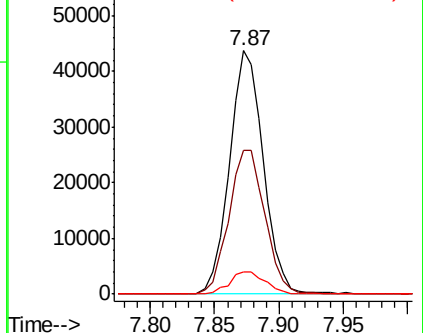
127 9.2 9.9 14.9#

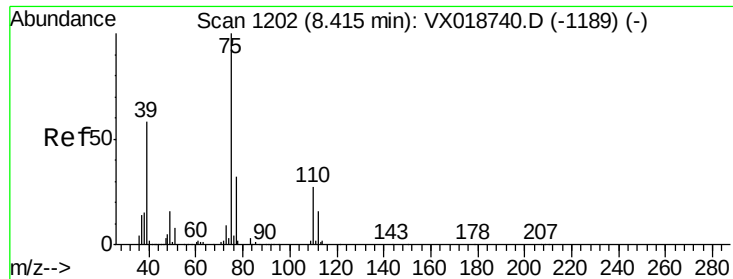


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 126.90 (126.60 to 127.60): V





#39

cis-1,3-Dichloropropene

Concen: 5.556 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

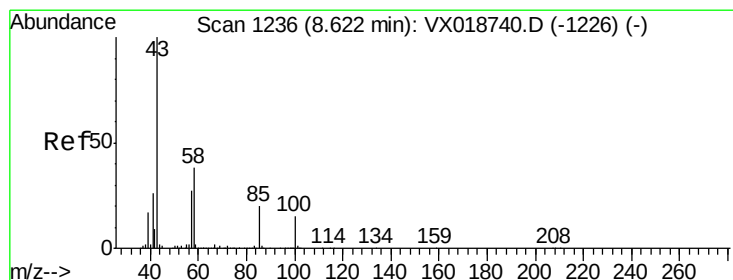
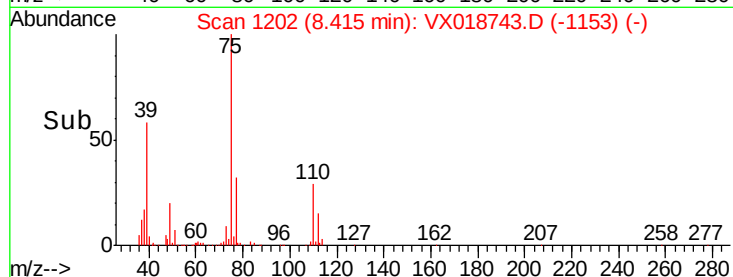
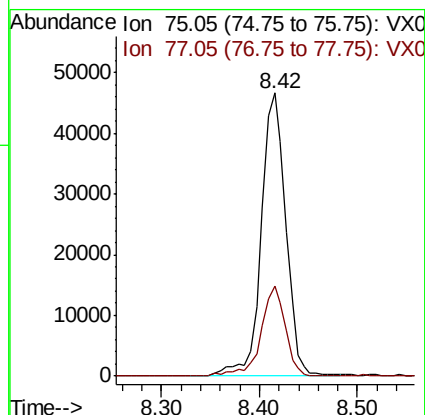
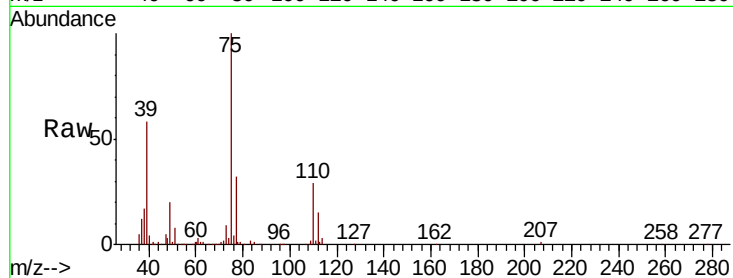
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 81484

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 56.035 ug/L

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

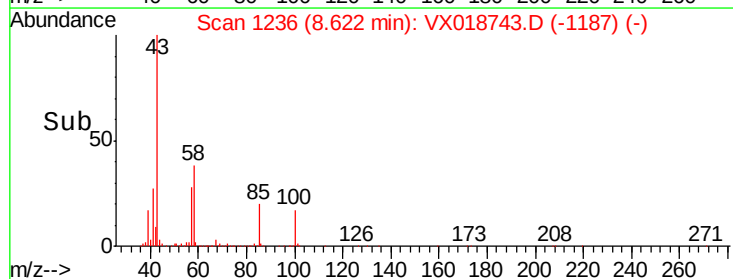
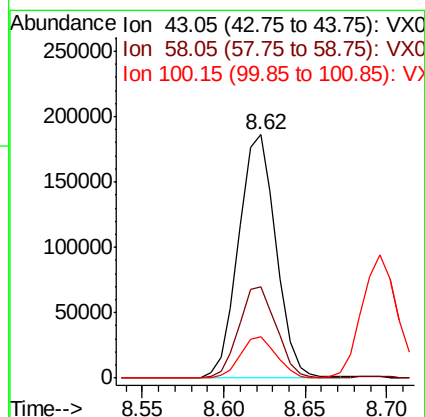
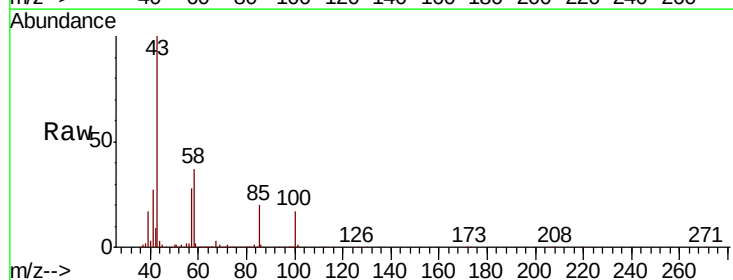
Tgt Ion: 43 Resp: 298276

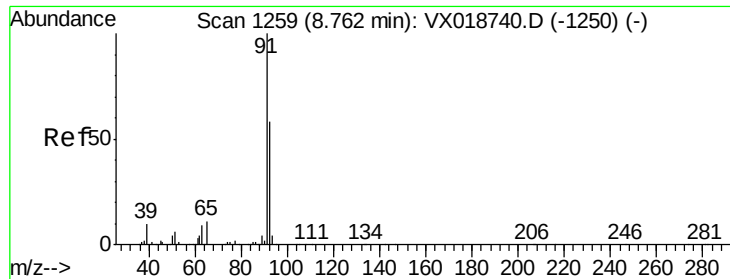
Ion Ratio Lower Upper

43 100

58 37.9 30.8 46.2

100 16.7 13.2 19.8





#42

Toluene

Concen: 5.754 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

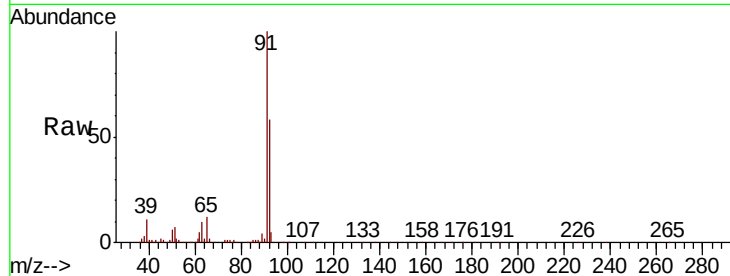
ClientSampleId :

Tot Ion: 91 Resp: 230935

Ion Ratio Lower Upper

91 100

92 57.7 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.76

150000

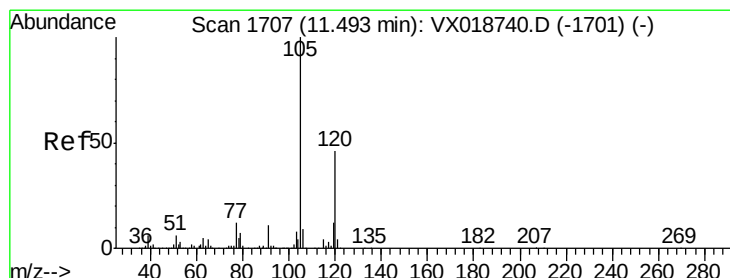
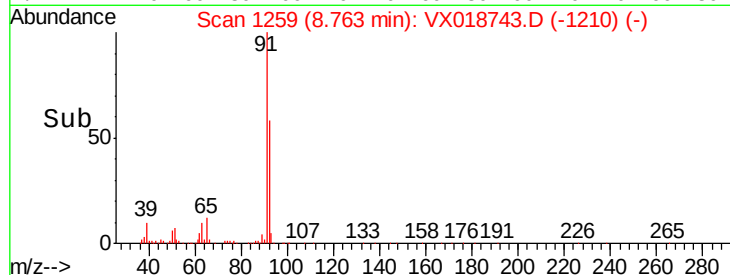
100000

50000

0

8.70 8.80 8.90

Time-->



#43

1,3,5-Trimethylbenzene

Concen: 5.914 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018743.D

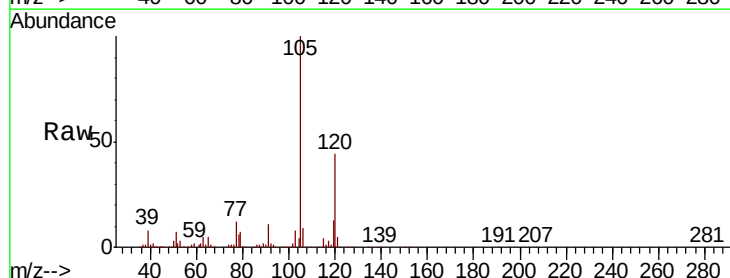
Acq: 02 Oct 2020 12:59

Tgt Ion: 105 Resp: 224619

Ion Ratio Lower Upper

105 100

120 46.0 37.7 56.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

200000

150000

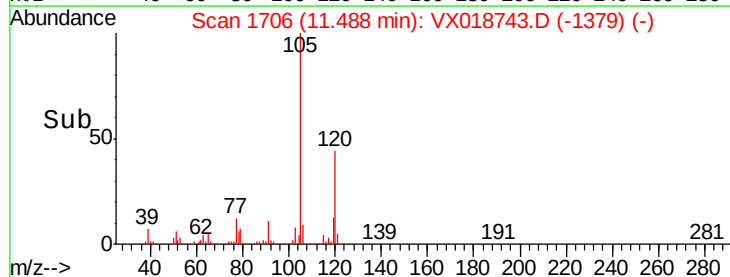
100000

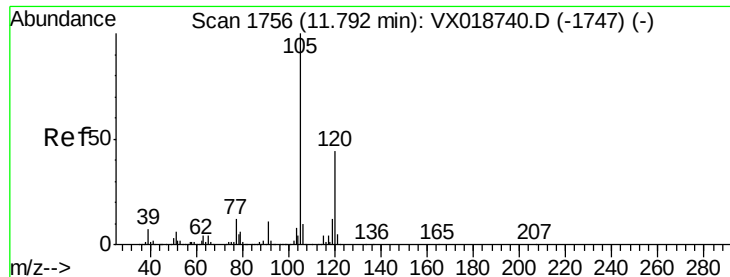
50000

0

11.45 11.50 11.55

Time-->





#44

1,2,4-Trimethylbenzene

Concen: 5.970 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

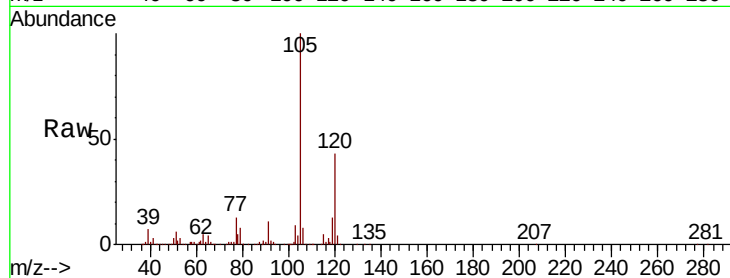
ClientSampleId :

Tot Ion:105 Resp: 230156

Ion Ratio Lower Upper

105 100

120 43.5 35.1 52.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.79

200000

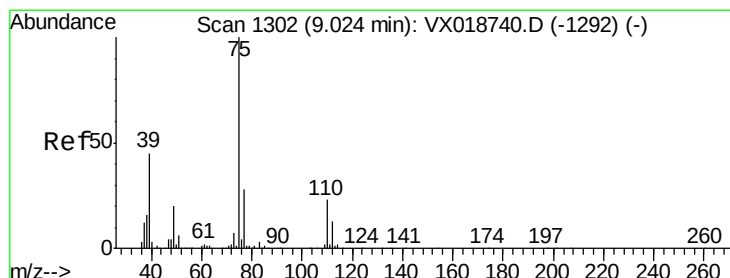
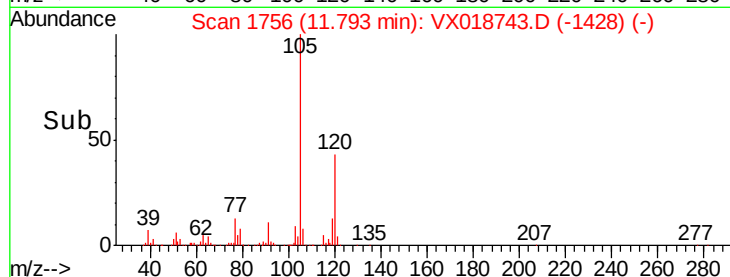
150000

100000

50000

0

Time--> 11.70 11.75 11.80 11.85



#46

trans-1,3-Dichloropropene

Concen: 5.671 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018743.D

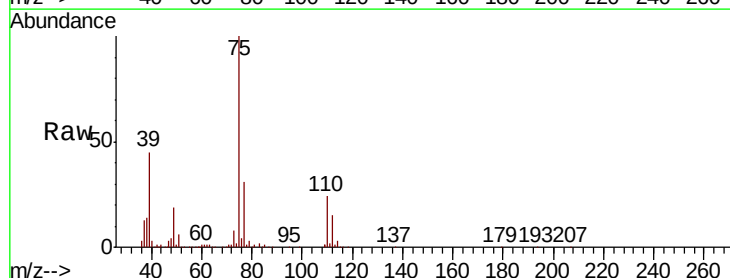
Acq: 02 Oct 2020 12:59

Tgt Ion: 75 Resp: 76785

Ion Ratio Lower Upper

75 100

77 30.7 19.9 37.0



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0

9.02

50000

40000

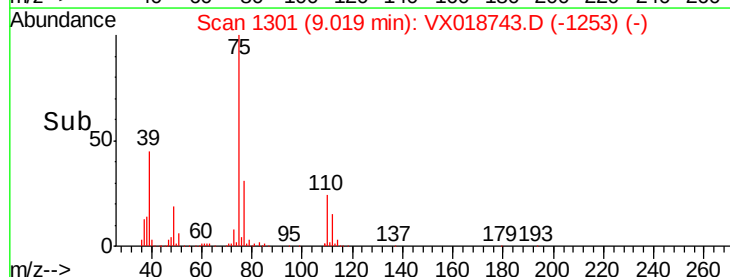
30000

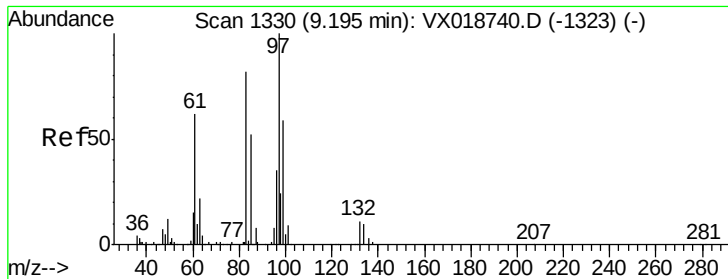
20000

10000

0

Time--> 8.90 9.00 9.10





#47

1,1,2-Trichloroethane

Concen: 5.268 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 36531

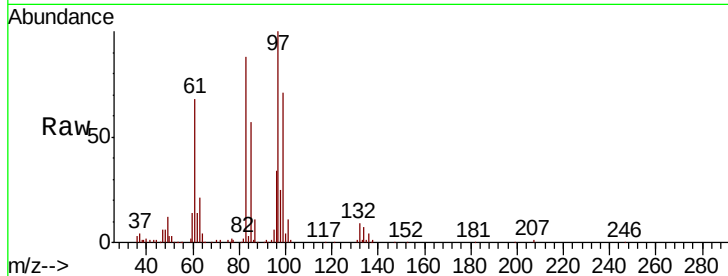
Ion Ratio Lower Upper

97 100

99 70.9 41.1 76.3

83 87.7 57.5 106.7

85 56.8 36.9 68.5



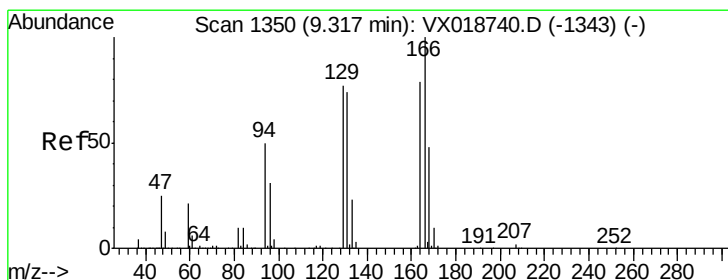
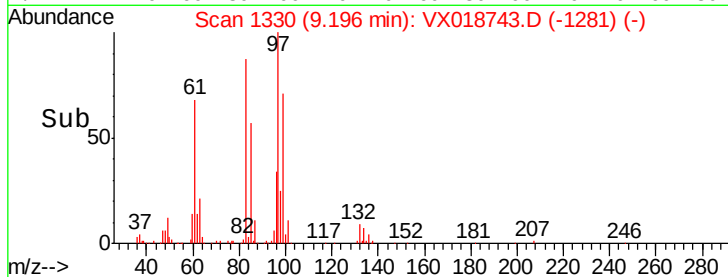
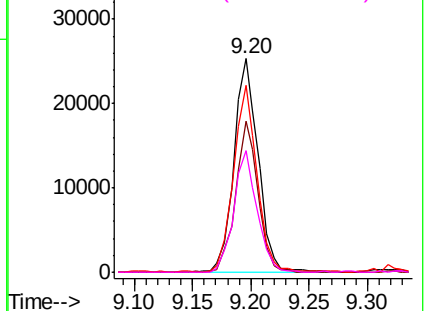
Abundance

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: 5.519 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Tgt Ion: 164 Resp: 52242

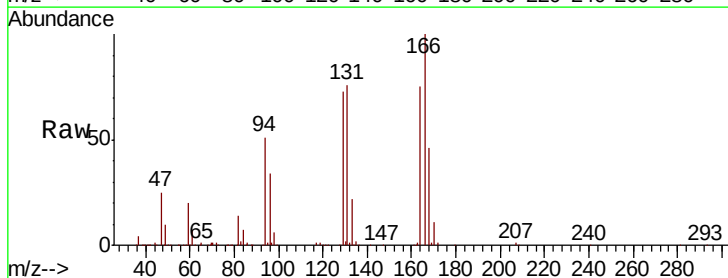
Ion Ratio Lower Upper

164 100

129 97.8 68.7 127.5

131 101.4 65.3 121.3

166 133.9 88.5 164.4



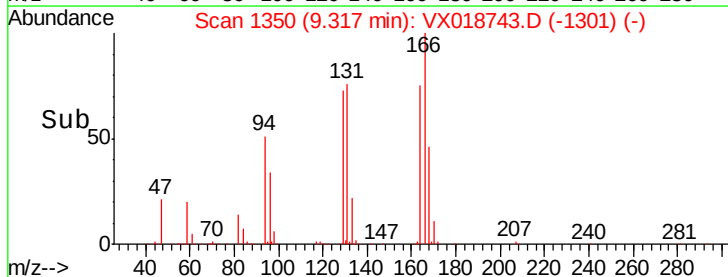
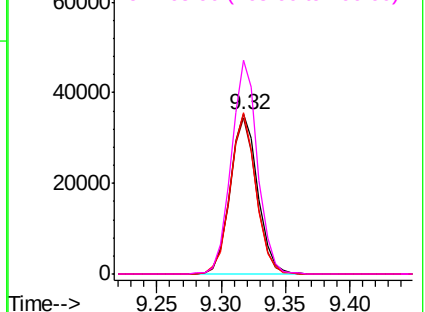
Abundance

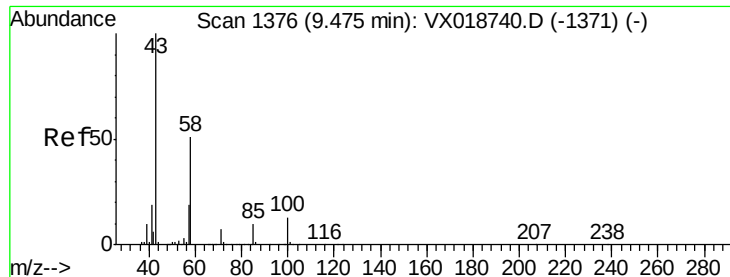
Ion 163.90 (163.60 to 164.60): V

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

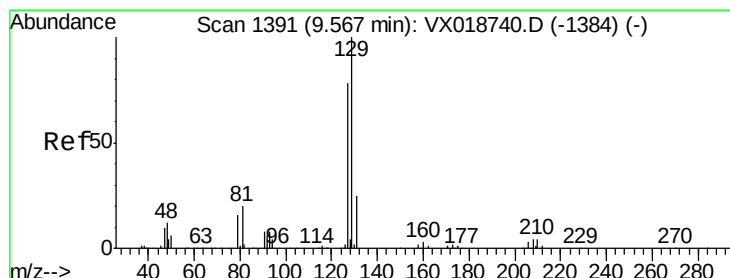
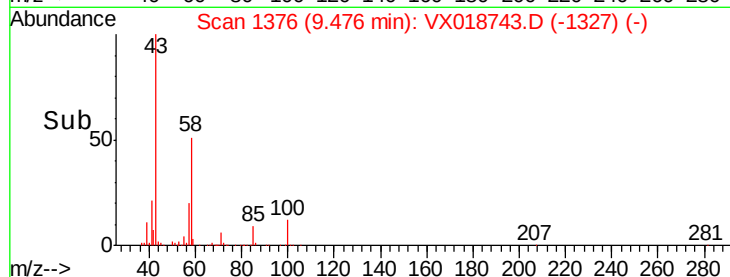
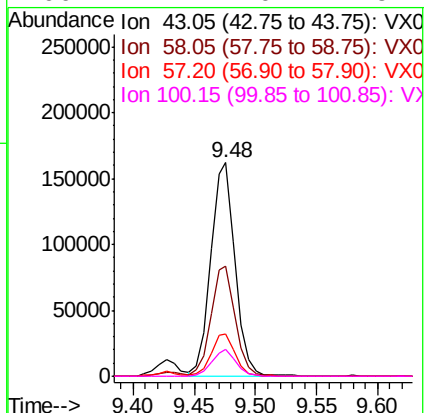
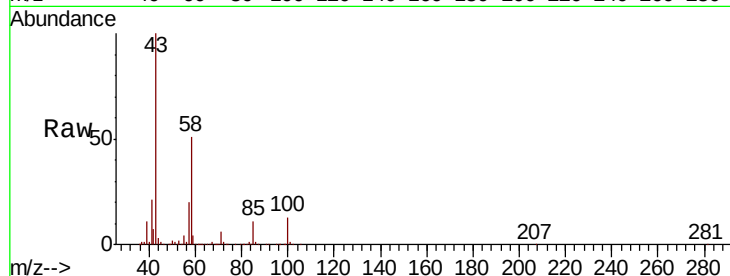




#50
2-Hexanone
Concen: 58.205 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018743.D
Acq: 02 Oct 2020 12:59

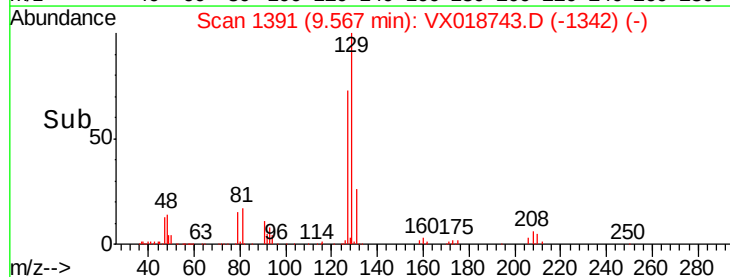
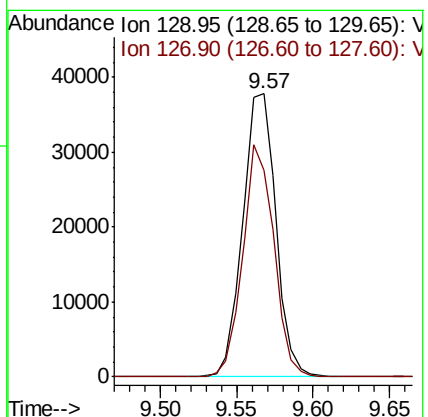
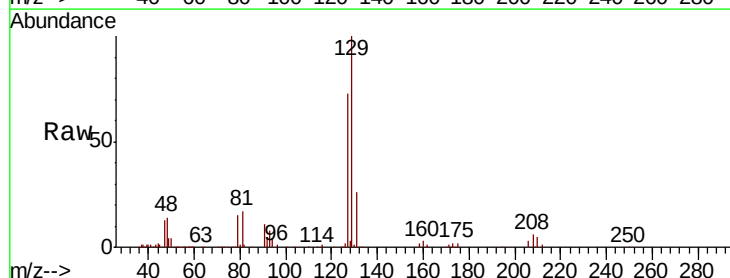
Instrument :
MSVOA_X
ClientSampleId :

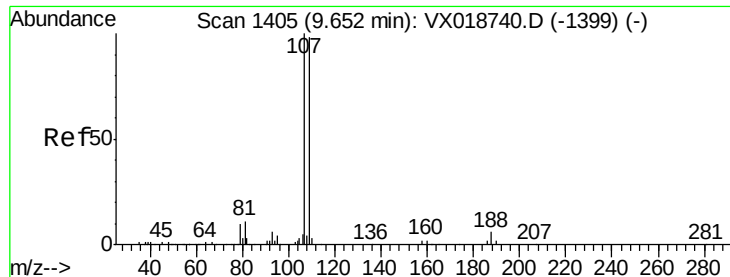
Tot Ion: 43 Resp: 225024
Ion Ratio Lower Upper
43 100
58 51.4 41.0 61.4
57 19.6 15.9 23.9
100 12.2 10.1 15.1



#51
Dibromochloromethane
Concen: 5.662 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018743.D
Acq: 02 Oct 2020 12:59

Tgt Ion: 129 Resp: 57063
Ion Ratio Lower Upper
129 100
127 73.0 54.5 101.1





#52

1,2-Dibromoethane

Concen: 5.373 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018743.D

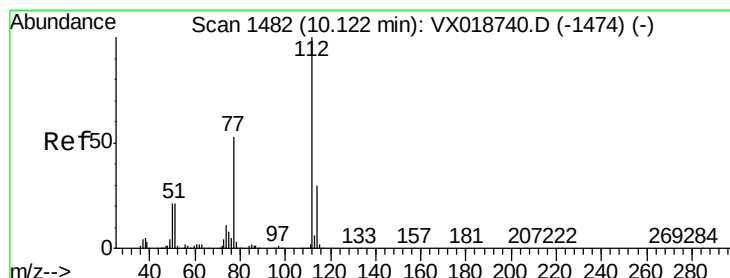
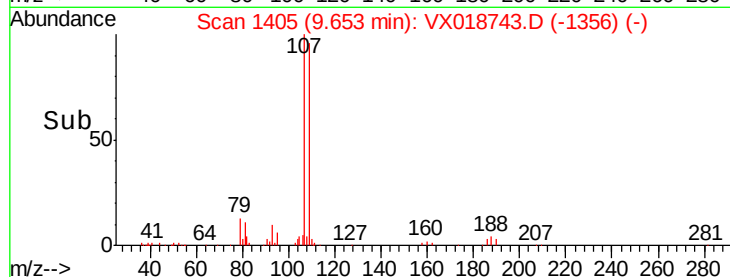
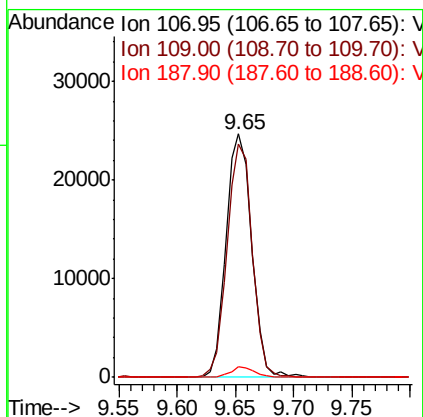
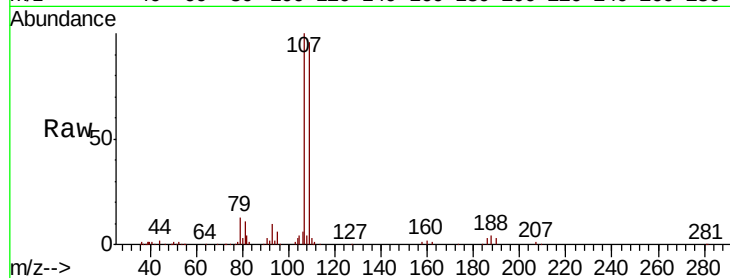
Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	107	Resp:	37663
Ion	Ratio	Lower	Upper
107	100		
109	95.9	68.7	127.5
188	4.5	4.5	6.7#



#53

Chlorobenzene

Concen: 5.508 ug/L

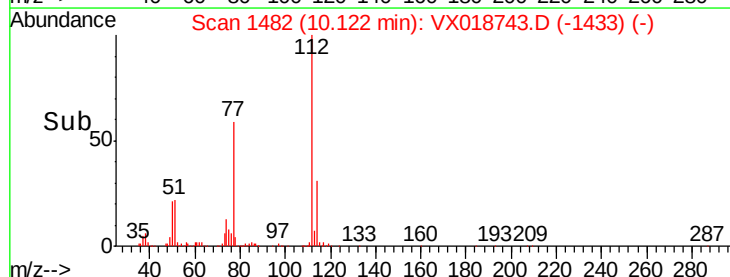
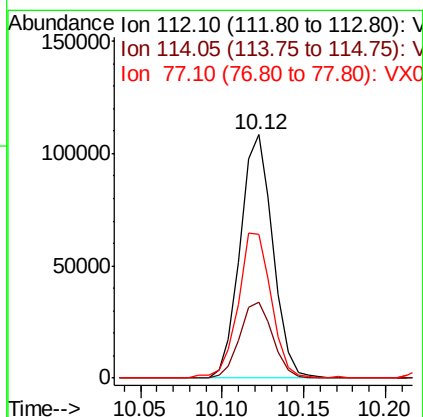
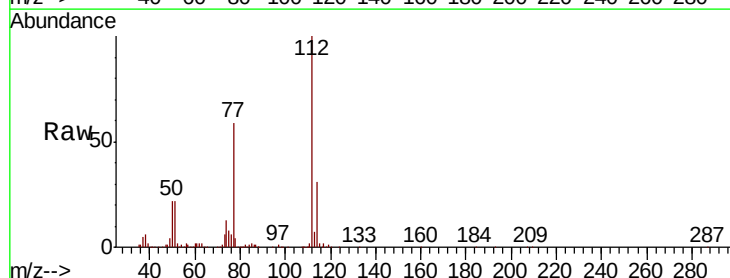
RT: 10.12 min Scan# 1482

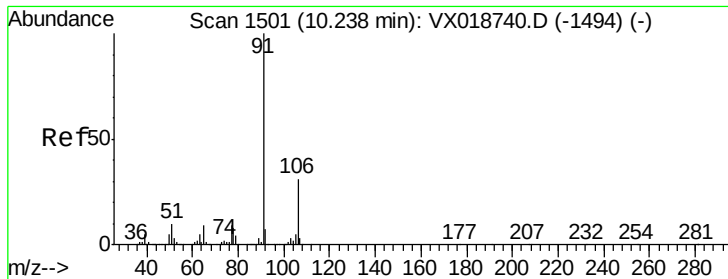
Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Tgt Ion:	112	Resp:	151199
Ion	Ratio	Lower	Upper
112	100		
114	31.1	21.3	39.5
77	59.0	42.4	63.6





#54

Ethylbenzene

Concen: 5.865 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

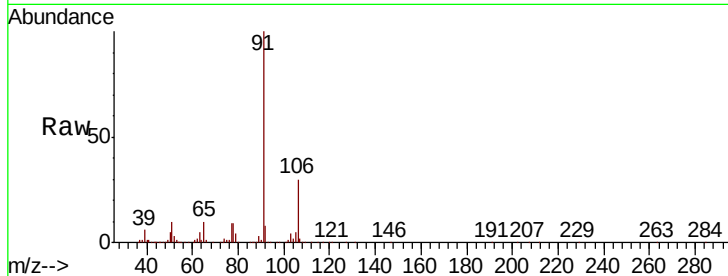
ClientSampleId :

Tot Ion: 91 Resp: 263877

Ion Ratio Lower Upper

91 100

106 30.4 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V

200000

150000

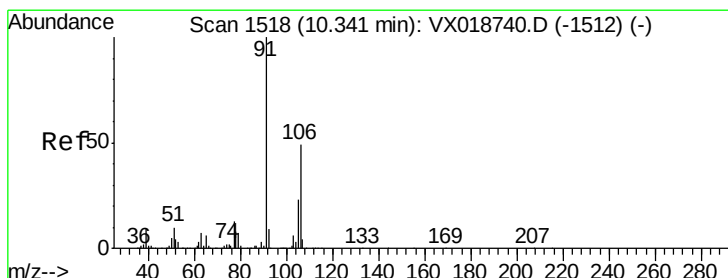
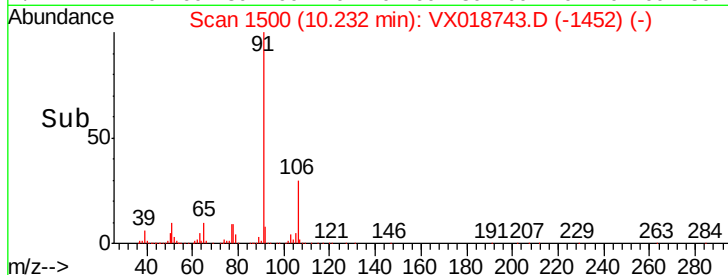
100000

50000

0

10.15 10.20 10.25 10.30

Time-->



#55

m,p-xylene

Concen: 5.677 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018743.D

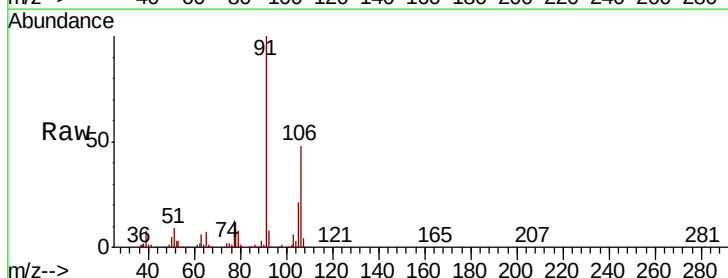
Acq: 02 Oct 2020 12:59

Tgt Ion: 106 Resp: 99622

Ion Ratio Lower Upper

106 100

91 209.5 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

200000

150000

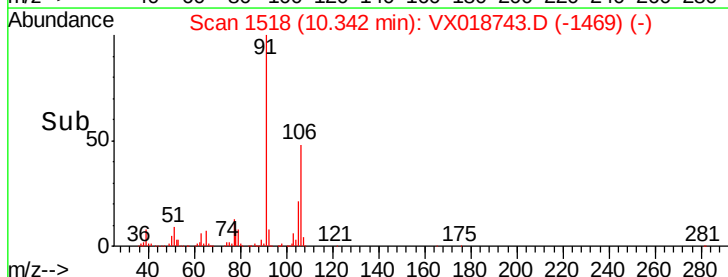
100000

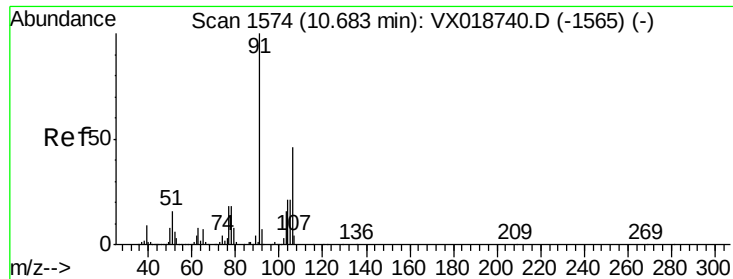
50000

0

10.30 10.34 10.40

Time-->

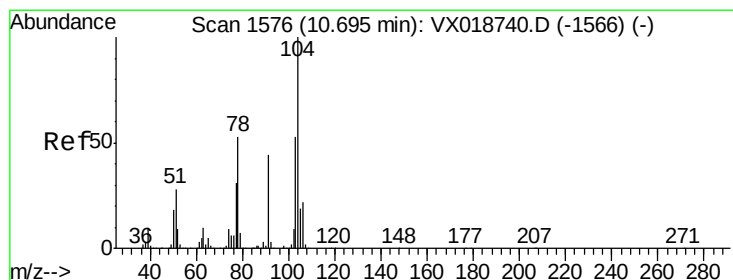
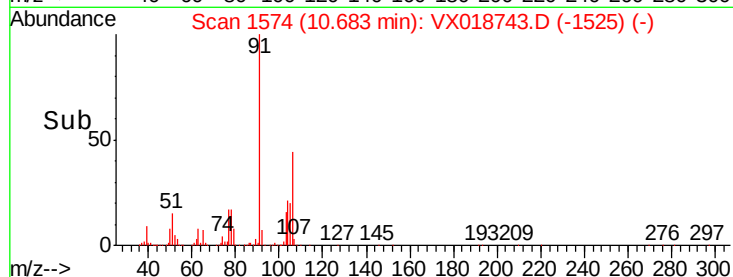
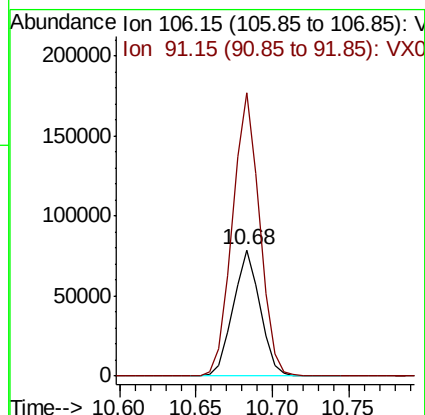
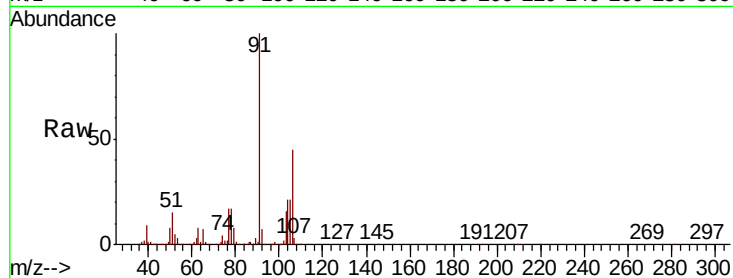




#56
o-xylene
Concen: 5.928 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018743.D
Acq: 02 Oct 2020 12:59

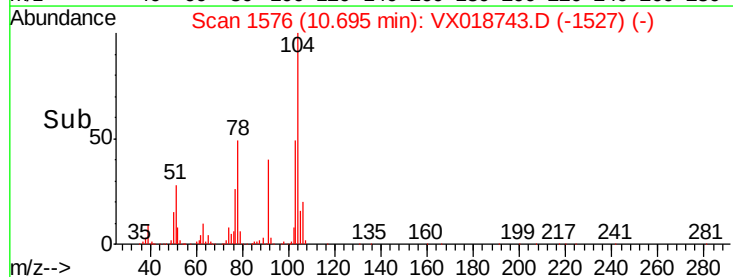
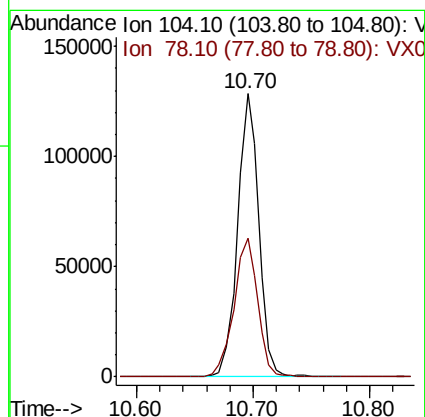
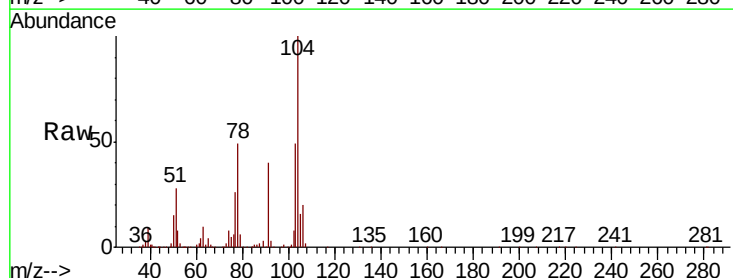
Instrument :
MSVOA_X
ClientSampleId :

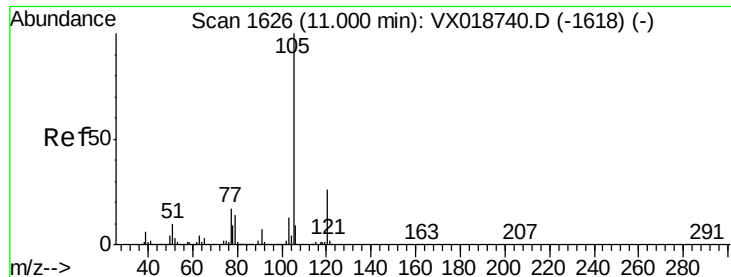
Tot Ion:106 Resp: 96143
Ion Ratio Lower Upper
106 100
91 224.7 153.4 284.8



#57
Styrene
Concen: 5.916 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018743.D
Acq: 02 Oct 2020 12:59

Tgt Ion:104 Resp: 163650
Ion Ratio Lower Upper
104 100
78 48.8 37.1 68.9





#58

Isopropylbenzene

Concen: 5.844 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

ClientSampled :

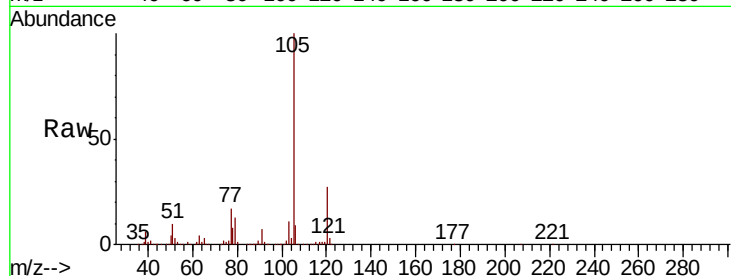
Tot Ion:105 Resp: 265301

Ion Ratio Lower Upper

105 100

120 25.8 20.2 30.2

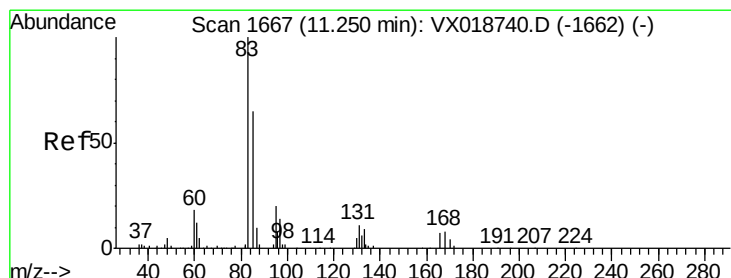
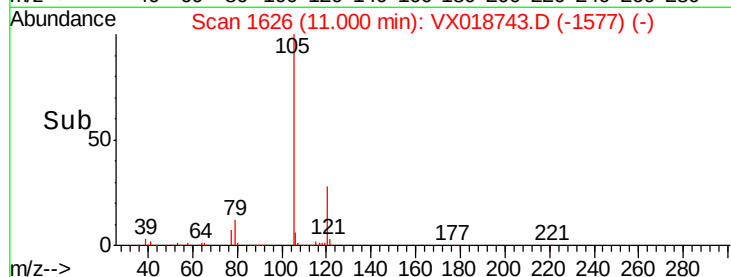
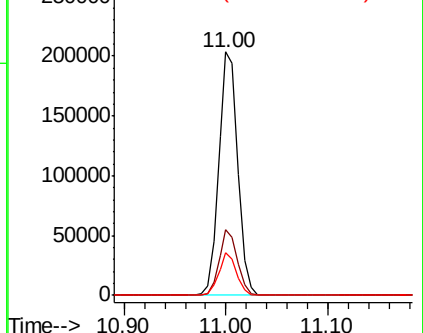
77 16.6 13.3 19.9



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: 5.838 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

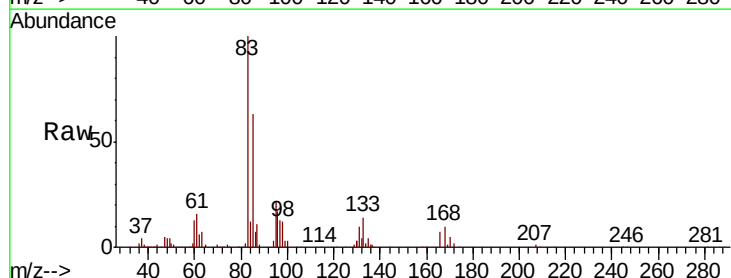
Tgt Ion: 83 Resp: 44873

Ion Ratio Lower Upper

83 100

85 62.8 46.5 86.5

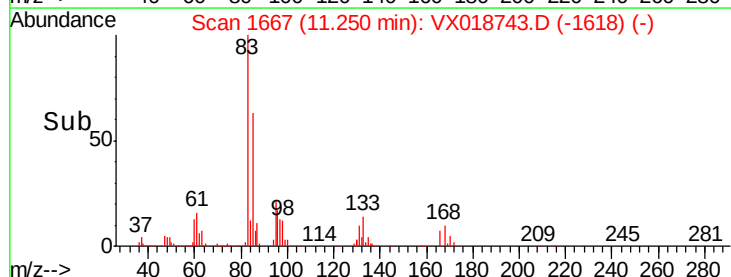
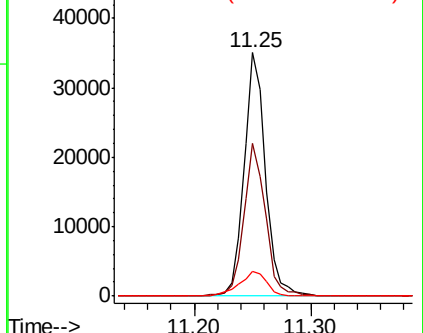
131 10.1 9.6 14.4

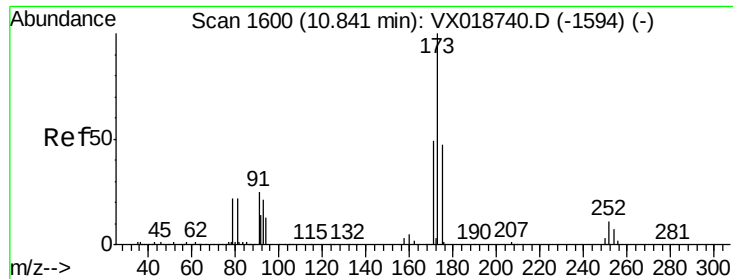


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 5.252 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

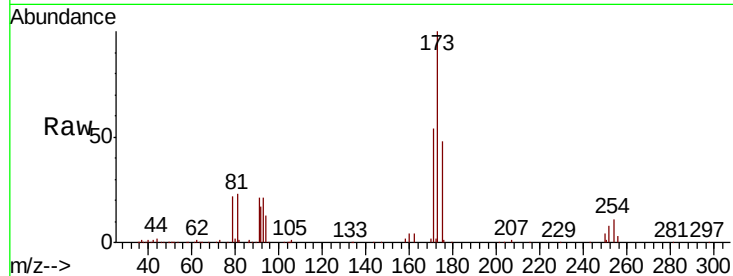
Tot Ion:173 Resp: 33259

Ion Ratio Lower Upper

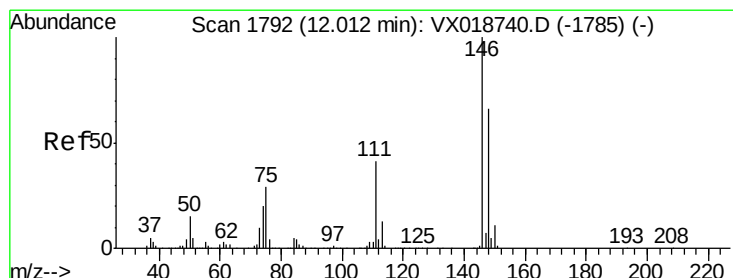
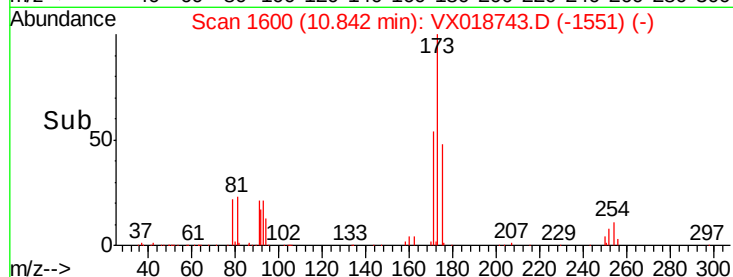
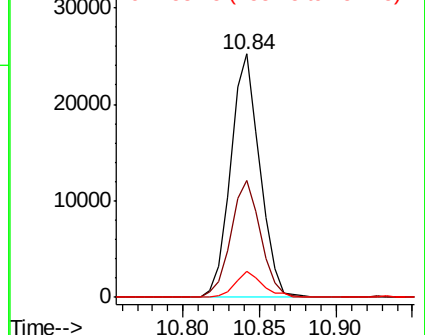
173 100

175 49.1 37.8 56.8

254 10.2 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: 5.658 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

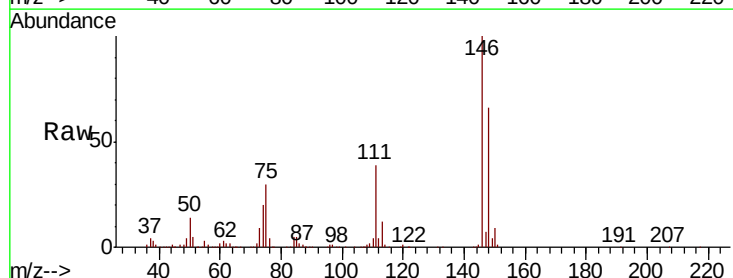
Tgt Ion:146 Resp: 131772

Ion Ratio Lower Upper

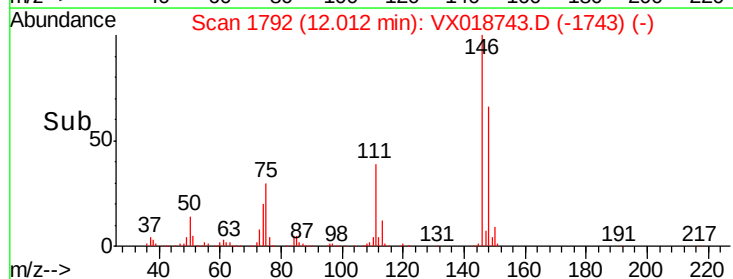
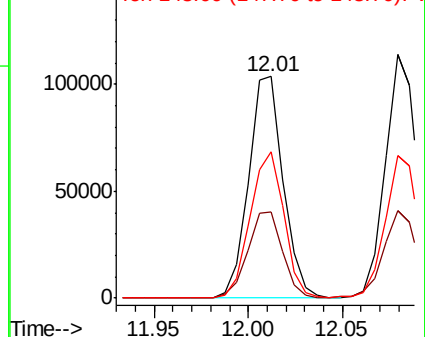
146 100

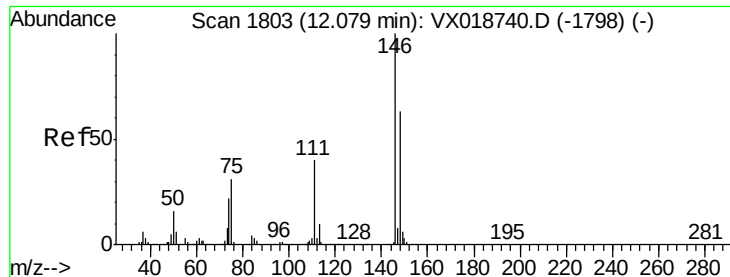
111 39.2 28.4 52.8

148 66.2 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

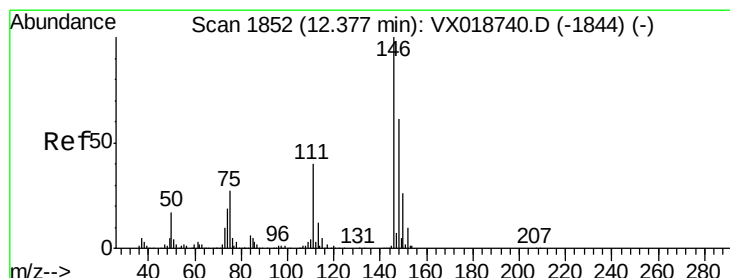
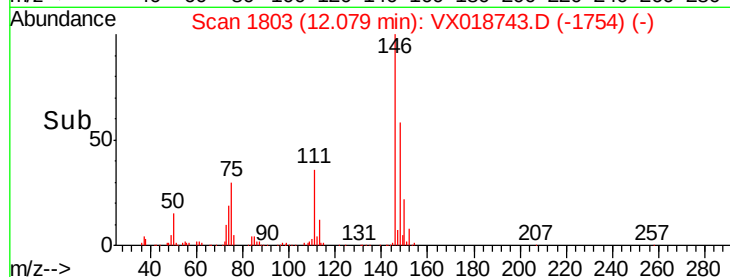
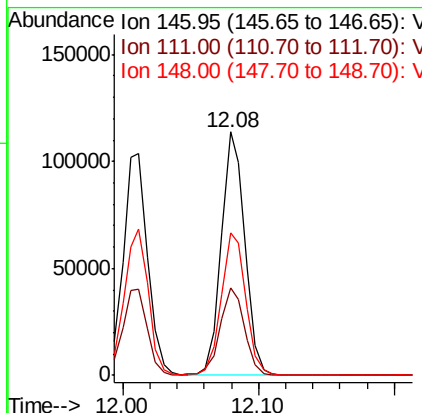
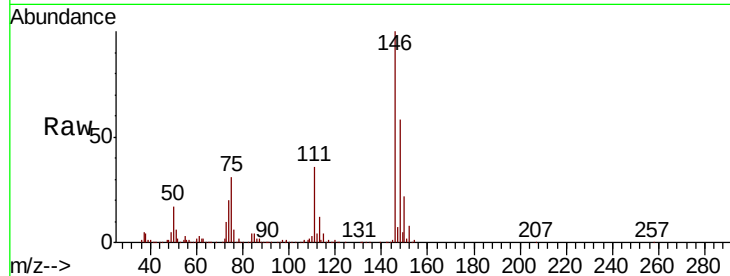




#64
 1,4-Dichlorobenzene
 Concen: 5.870 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

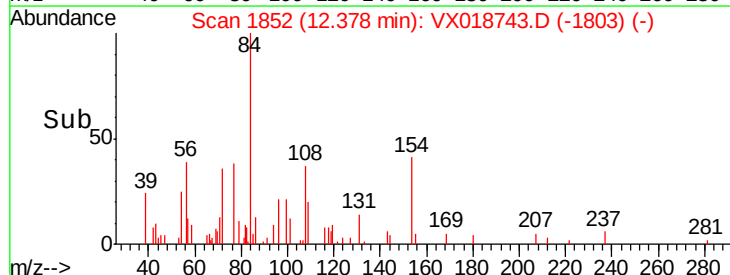
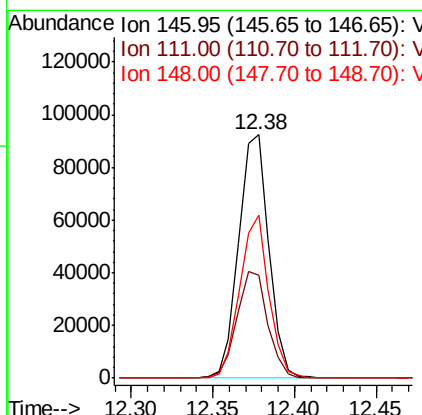
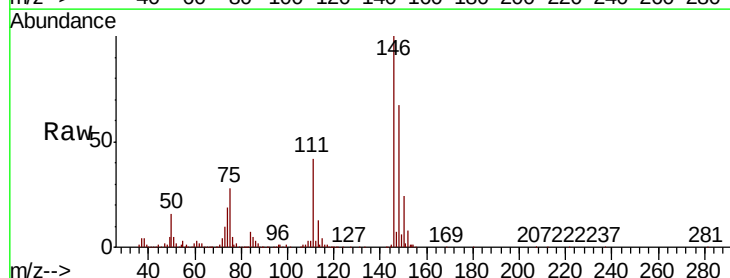
Instrument :
 MSVOA_X
 ClientSampled :

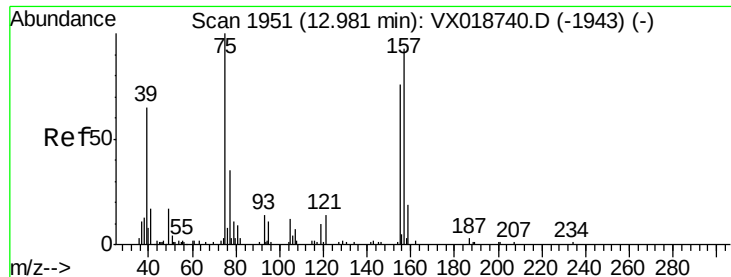
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	28.6	53.2
148	58.5	44.2	82.0



#66
 1,2-Dichlorobenzene
 Concen: 5.488 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	31.7	47.5
148	66.8	49.0	73.6





#67

1,2-Dibromo-3-chloropropane

Concen: 5.275 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Instrument :

MSVOA_X

ClientSampleId :

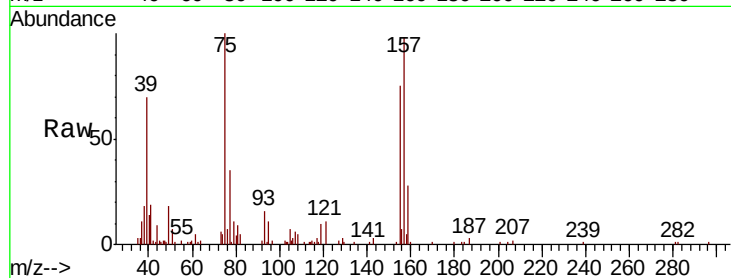
Tot Ion: 75 Resp: 9776

Ion Ratio Lower Upper

75 100

155 74.7 61.1 91.7

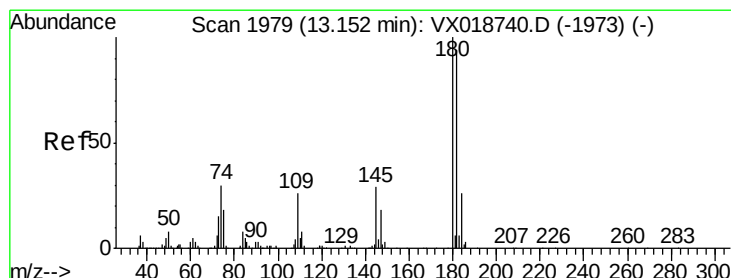
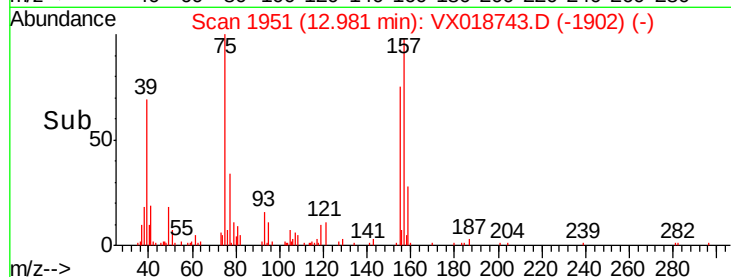
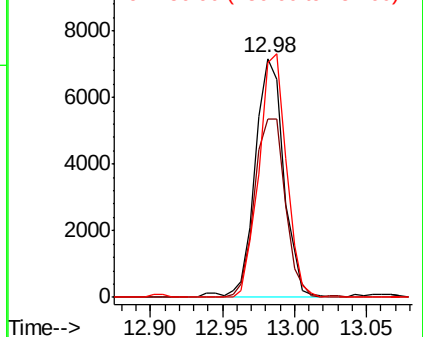
157 98.3 74.2 111.2



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V



#68

1,3,5-Trichlorobenzene

Concen: 5.618 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX018743.D

Acq: 02 Oct 2020 12:59

Tgt Ion: 180 Resp: 100703

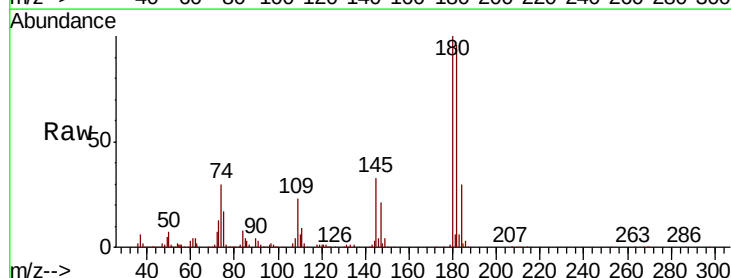
Ion Ratio Lower Upper

180 100

182 98.0 74.1 111.1

184 30.3 23.4 35.2

145 31.6 23.6 35.4

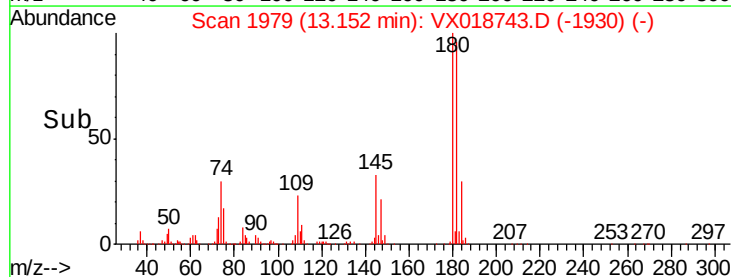
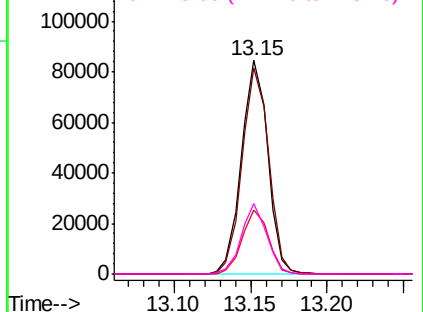


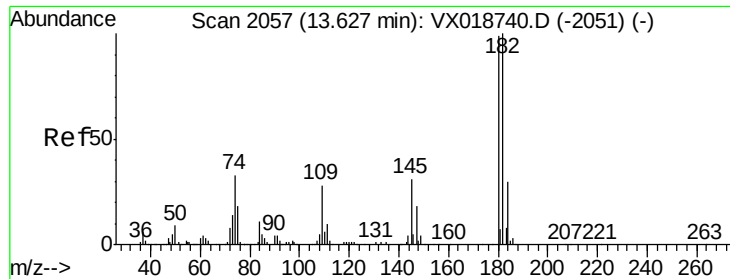
Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V

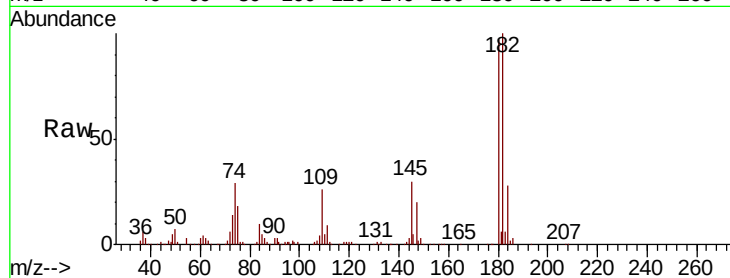




#69
 1,2,4-trichlorobenzene
 Concen: 6.041 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	80.2	120.4
145	29.7	25.2	37.8

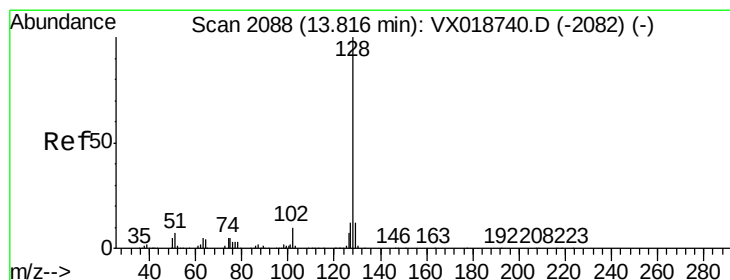
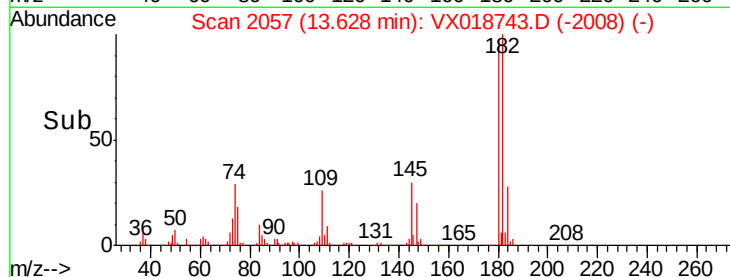
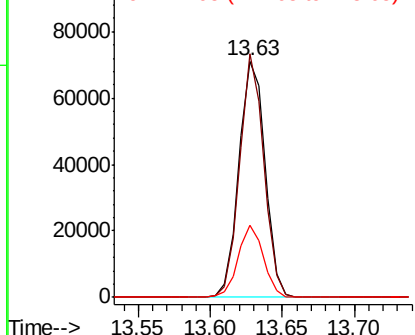


Abundance

Ion 179.90 (179.60 to 180.60): V

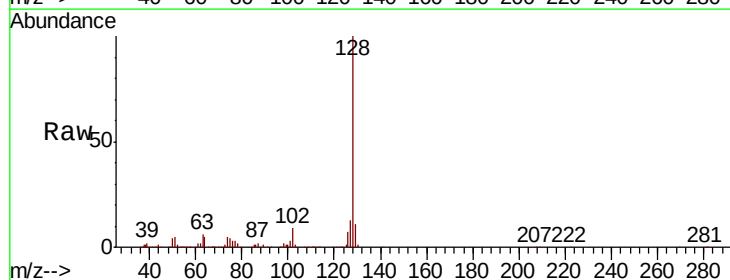
Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#70
 Naphthalene
 Concen: 5.764 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.1	10.5	15.7

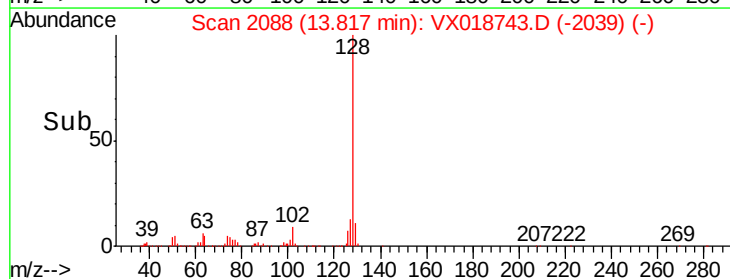
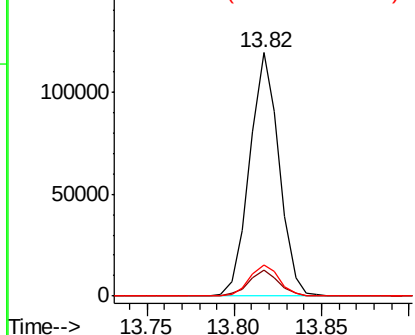


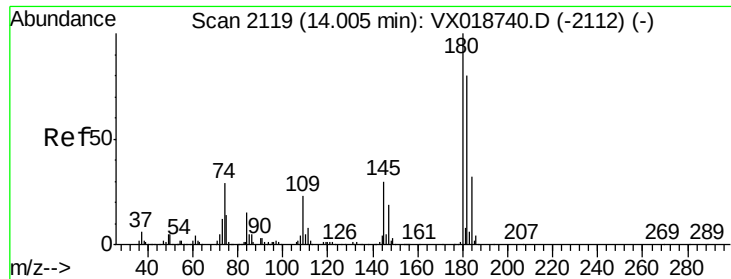
Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#71
 1,2,3-Trichlorobenzene
 Concen: 5.571 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX018743.D
 Acq: 02 Oct 2020 12:59

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.2	73.6	110.4
145	33.7	26.6	40.0

