

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092920\
 Data File : VX018643.D
 Acq On : 29 Sep 2020 08:55
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 30 04:51:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 02:30:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	321496	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	304652	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	162066	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74188	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.70	69	65337	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.34	63	168126	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.54	46	220144	51.32	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.64%
24) Chloroform-d	5.14	84	186092	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	6.03	65	97389	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	6.04	84	338553	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	7.37	67	103726	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	8.70	98	324887	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	8.99	79	43893	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
48) 2-Hexanone-d5	9.43	63	180793	52.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.94%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	79509	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	122937	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	95847	4.926	ug/L 99
3) Chloromethane	1.31	50	80018	4.815	ug/L 99
5) Vinyl chloride	1.39	62	82046	4.713	ug/L 99
6) Bromomethane	1.64	94	36682	3.525	ug/L 93
8) Chloroethane	1.71	64	47782	4.992	ug/L 96
9) Trichlorofluoromethane	1.92	101	138400	4.590	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	78581	4.748	ug/L 99
12) 1,1-Dichloroethene	2.36	96	71597	4.562	ug/L 97
13) Acetone	2.44	43	121618	51.220	ug/L 100
14) Carbon disulfide	2.55	76	223864	4.691	ug/L 99
15) Methyl Acetate	2.75	43	29137	4.433	ug/L 97
16) Methylene chloride	2.83	84	75459	3.519	ug/L 88
17) Methyl tert-butyl Ether	3.17	73	176846	5.063	ug/L 99
18) trans-1,2-Dichloroethene	3.14	96	75519	4.814	ug/L 93
19) 1,1-Dichloroethane	3.67	63	139904	4.972	ug/L 99
21) 2-Butanone	4.65	43	195129	51.774	ug/L # 59
22) cis-1,2-Dichloroethene	4.56	96	78833	4.816	ug/L # 98

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :

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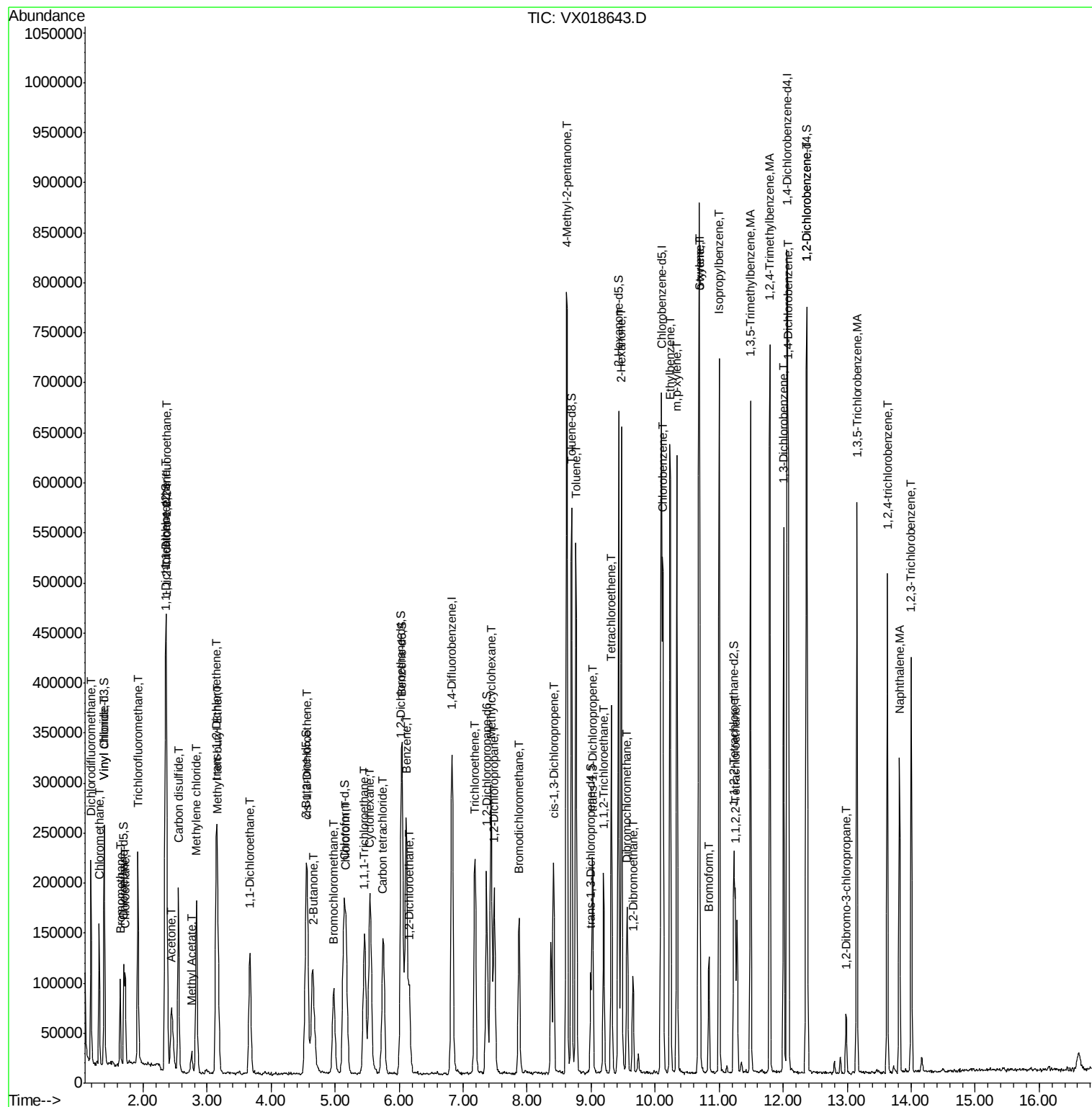
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	37049	4.720	ug/L	88
25) Chloroform	5.17	83	145487	4.731	ug/L	88
27) 1,2-Dichloroethane	6.16	62	94494	4.858	ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	139743	4.816	ug/L	99
30) Cyclohexane	5.54	56	119106	5.160	ug/L	97
31) Carbon tetrachloride	5.75	117	125391	4.686	ug/L	96
33) Benzene	6.11	78	299447	5.098	ug/L	100
34) Trichloroethene	7.18	95	83948	4.939	ug/L	96
35) Methylcyclohexane	7.44	83	123978	5.244	ug/L	96
37) 1,2-Dichloropropane	7.49	63	74749	4.769	ug/L	99
38) Bromodichloromethane	7.87	83	103398	4.887	ug/L	96
39) cis-1,3-Dichloropropene	8.41	75	111954	5.037	ug/L	96
40) 4-Methyl-2-pentanone	8.62	43	465135	53.544	ug/L	100
42) Toluene	8.76	91	330332	5.207	ug/L	96
43) 1,3,5-Trimethylbenzene	11.49	105	294808	5.315	ug/L	95
44) 1,2,4-Trimethylbenzene	11.79	105	310210	5.590	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	100949	4.980	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	54503	4.846	ug/L	94
49) Tetrachloroethene	9.32	164	69450	5.190	ug/L	93
50) 2-Hexanone	9.47	43	339371	55.193	ug/L	98
51) Dibromochloromethane	9.57	129	72926	4.955	ug/L	95
52) 1,2-Dibromoethane	9.65	107	52123	4.975	ug/L	93
53) Chlorobenzene	10.12	112	220095	5.251	ug/L	95
54) Ethylbenzene	10.23	91	361004	5.224	ug/L	97
55) m,p-xylene	10.34	106	137510	5.204	ug/L	96
56) o-xylene	10.68	106	132328	5.300	ug/L	86
57) Styrene	10.70	104	223331	5.418	ug/L	99
58) Isopropylbenzene	11.00	105	361749	5.403	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	65730	5.175	ug/L	91
62) Bromoform	10.84	173	41769	4.841	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	175978	4.995	ug/L	95
64) 1,4-Dichlorobenzene	12.08	146	171695	4.824	ug/L	93
66) 1,2-Dichlorobenzene	12.37	146	160725	4.897	ug/L	96
67) 1,2-Dibromo-3-chloropropan	12.98	75	12176	4.363	ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	134821	5.097	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	113119	5.217	ug/L	97
70) Naphthalene	13.82	128	191181	5.216	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	100395	5.124	ug/L	99

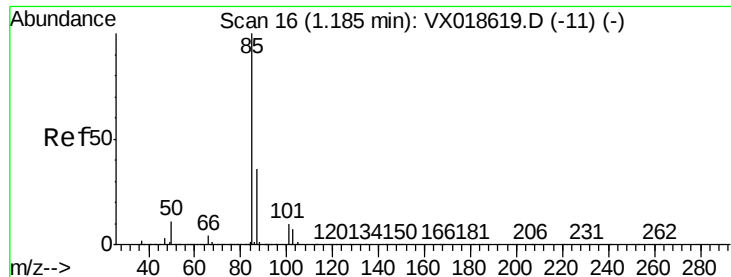
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 4.926 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

Instrument :

MSVOA_X

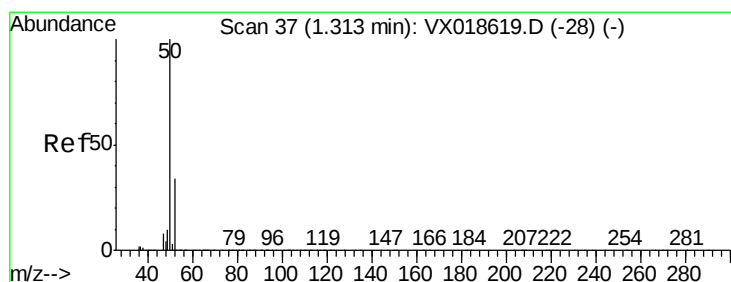
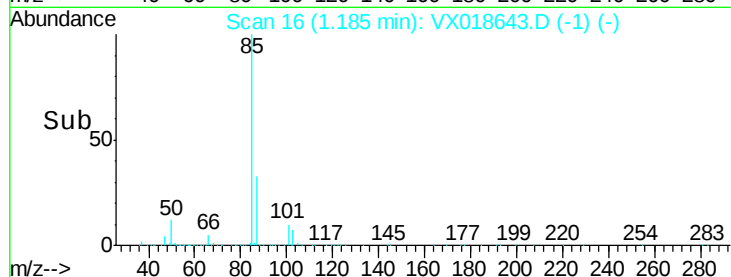
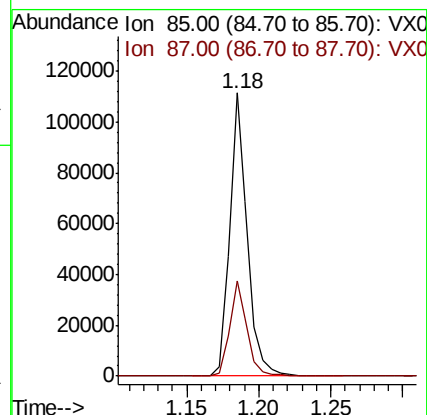
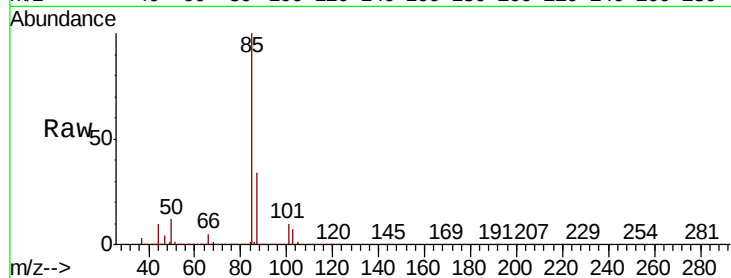
ClientSampled :

Tot Ion: 85 Resp: 95847

Ion Ratio Lower Upper

85 100

87 33.4 26.1 39.1



#3

Chloromethane

Concen: 4.815 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018643.D

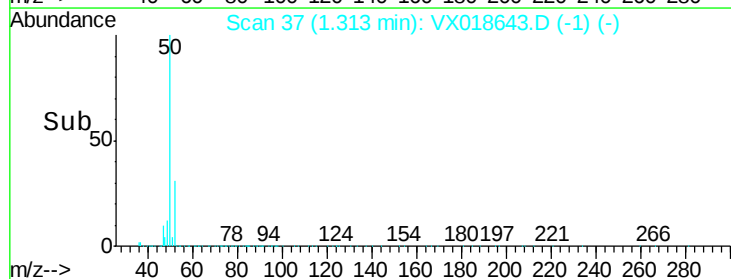
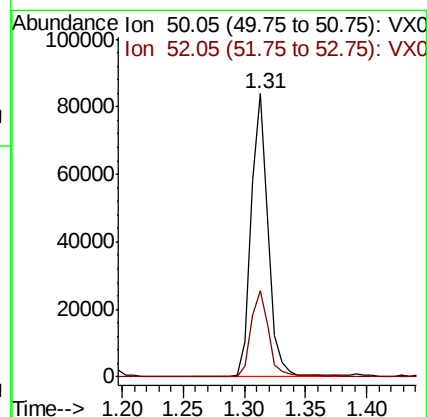
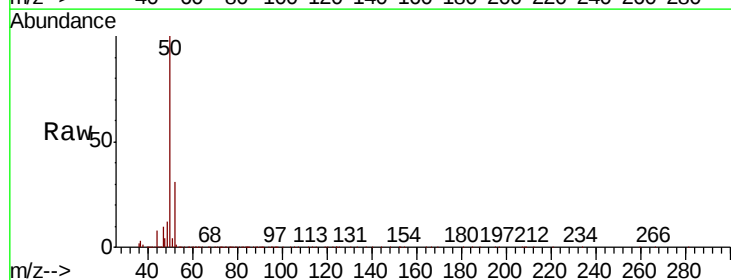
Acq: 29 Sep 2020 08:55

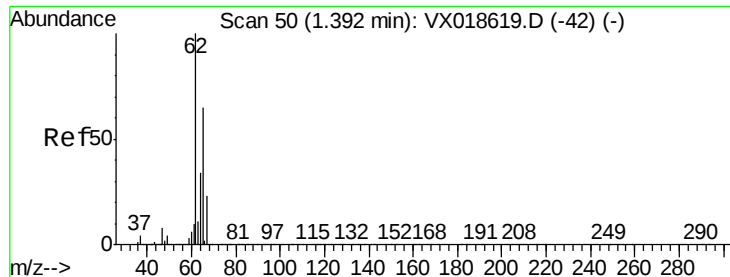
Tgt Ion: 50 Resp: 80018

Ion Ratio Lower Upper

50 100

52 30.7 21.2 39.4





#5

Vinyl chloride

Concen: 4.713 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

Instrument :

MSVOA_X

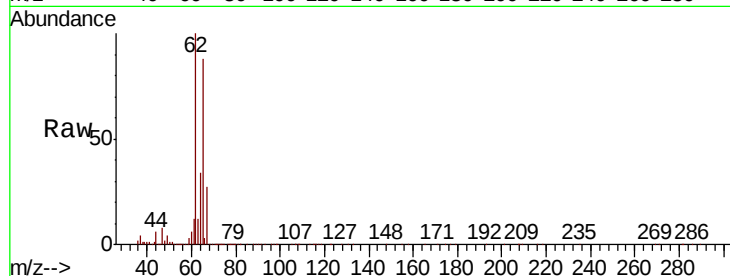
ClientSampleId :

Tot Ion: 62 Resp: 82046

Ion Ratio Lower Upper

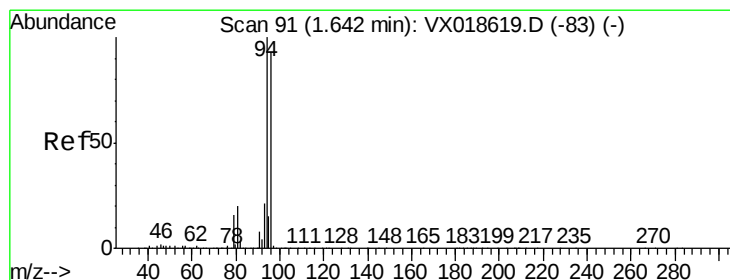
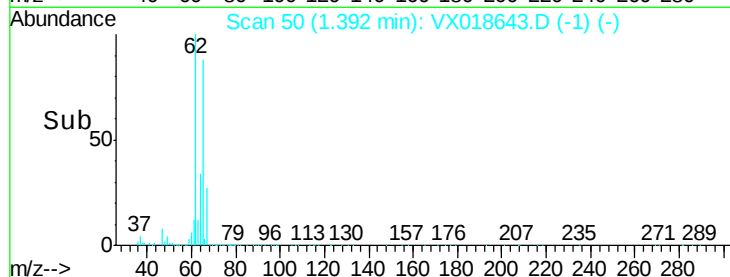
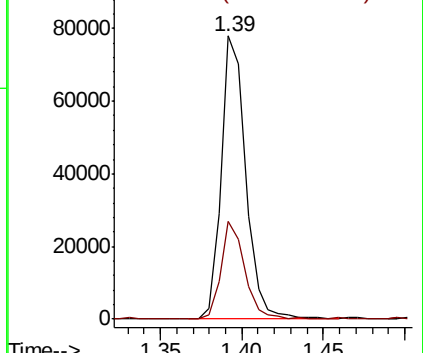
62 100

64 34.5 23.6 43.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.10 (63.80 to 64.80): VX0



#6

Bromomethane

Concen: 3.525 ug/L

RT: 1.64 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX018643.D

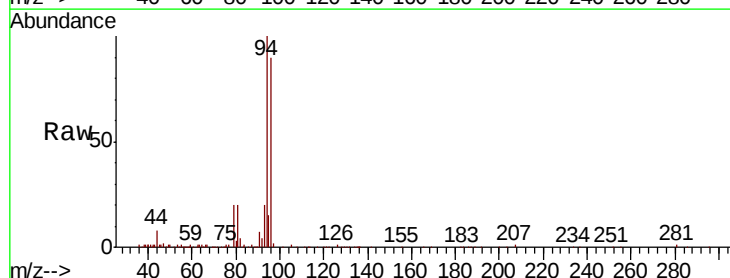
Acq: 29 Sep 2020 08:55

Tgt Ion: 94 Resp: 36682

Ion Ratio Lower Upper

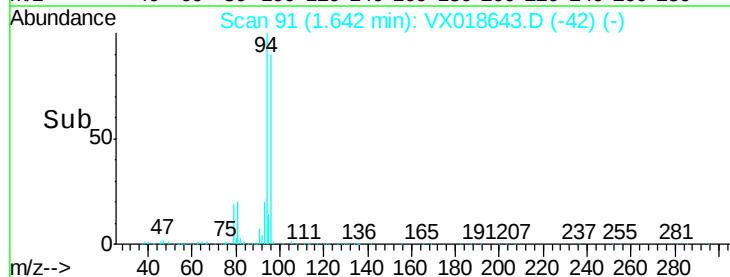
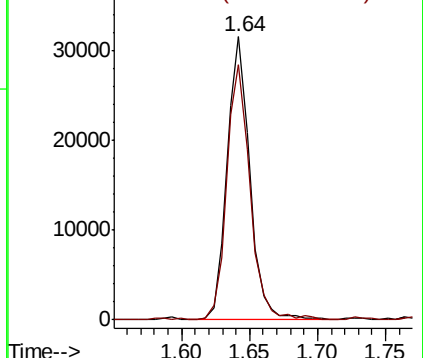
94 100

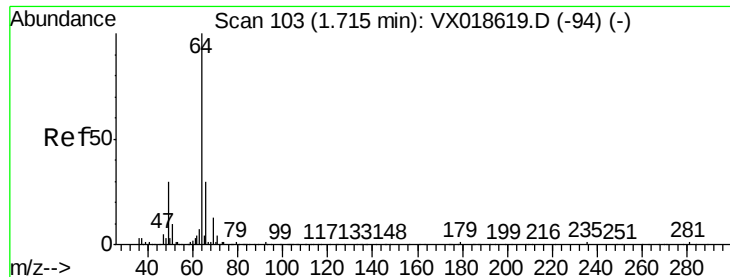
96 90.0 67.8 125.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0





#8

Chloroethane

Concen: 4.992 ug/L

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

Instrument :

MSVOA_X

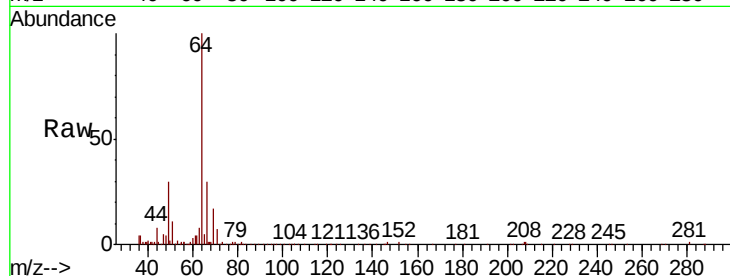
ClientSampleId :

Tot Ion: 64 Resp: 47782

Ion Ratio Lower Upper

64 100

66 29.8 22.3 41.3



Abundance Ion 64.10 (63.80 to 64.80): VX0

Ion 66.05 (65.75 to 66.75): VX0

1.71

40000

30000

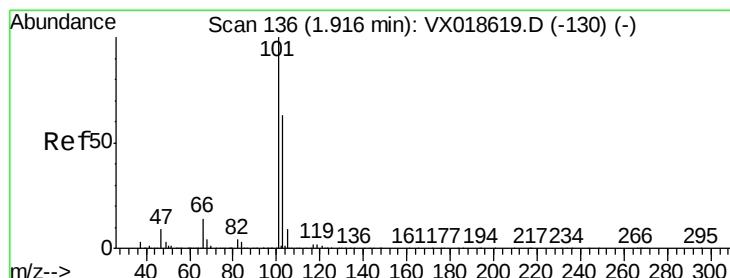
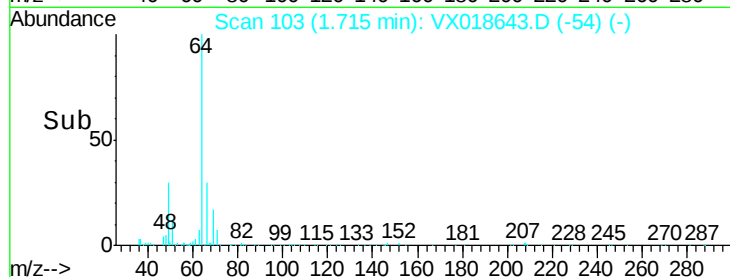
20000

10000

0

Time-->

1.65 1.70 1.75 1.80



#9

Trichlorofluoromethane

Concen: 4.590 ug/L

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX018643.D

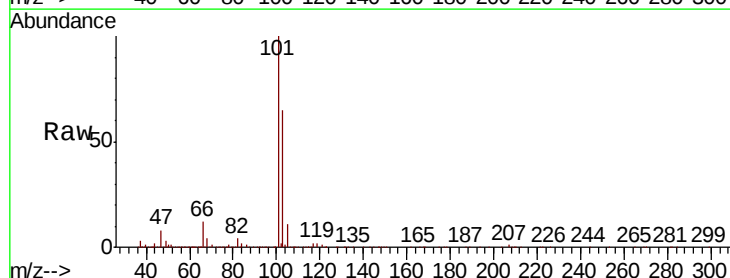
Acq: 29 Sep 2020 08:55

Tgt Ion: 101 Resp: 138400

Ion Ratio Lower Upper

101 100

103 64.4 49.8 74.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.92

100000

80000

60000

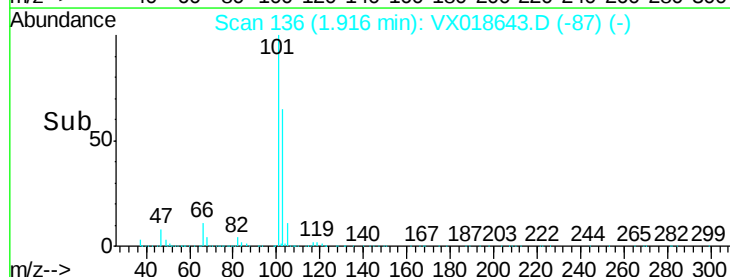
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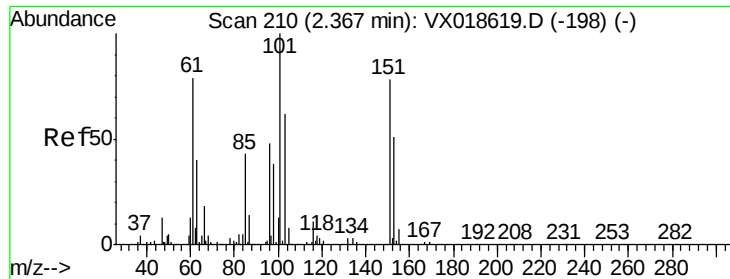
20000

0

Time-->

1.85 1.90 1.95 2.00





#10

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

Concen: 4.748 ug/L

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

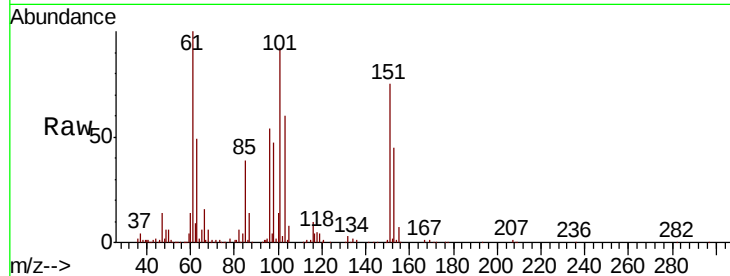
Tot Ion:101 Resp: 78581

Ion Ratio Lower Upper

101 100

85 44.7 36.1 54.1

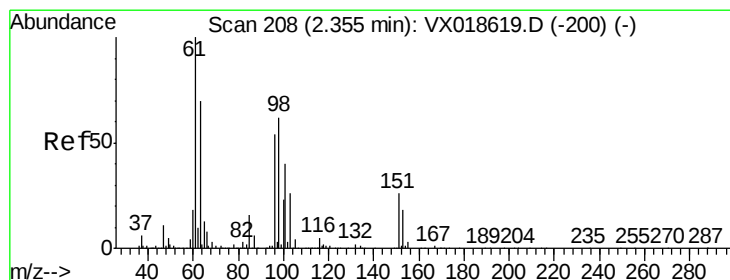
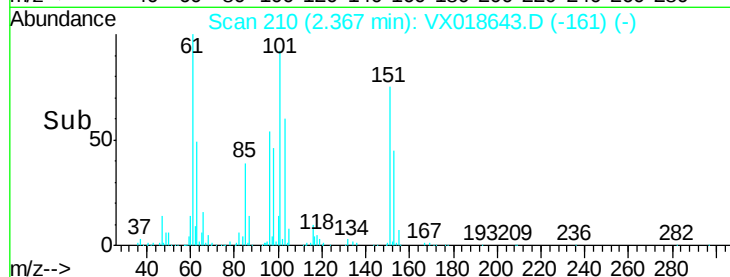
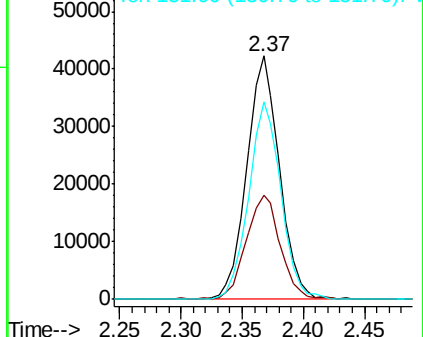
151 80.5 65.5 98.3



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: 4.562 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

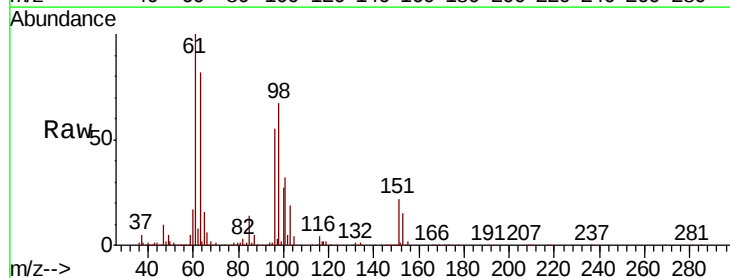
Tgt Ion: 96 Resp: 71597

Ion Ratio Lower Upper

96 100

61 183.5 123.8 229.8

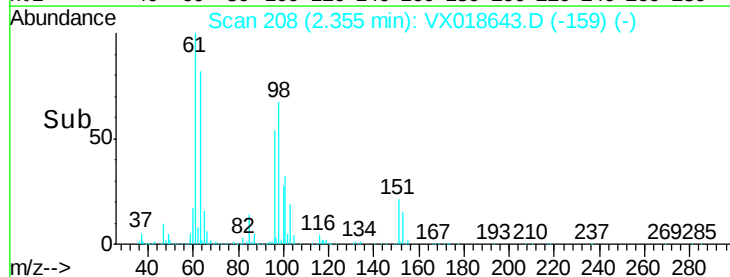
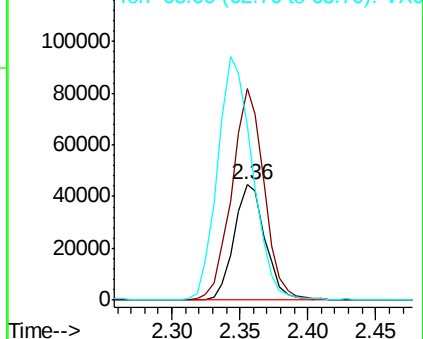
63 150.8 104.7 194.4

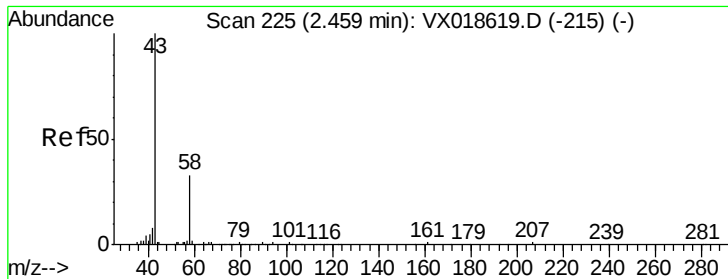


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 51.220 ug/L

RT: 2.44 min Scan# 222

Delta R.T. -0.02 min

Lab File: VX018643.D

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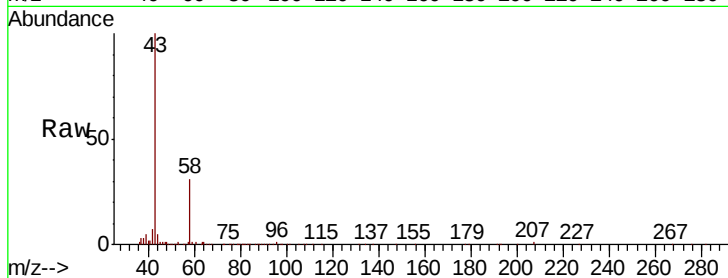
ClientSampleId :

Tot Ion: 43 Resp: 121618

Ion Ratio Lower Upper

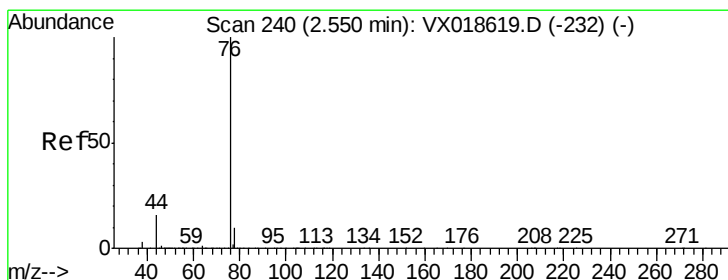
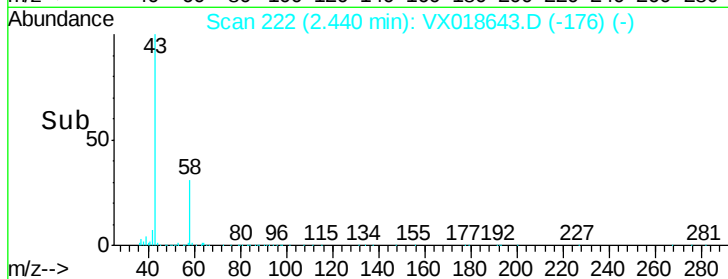
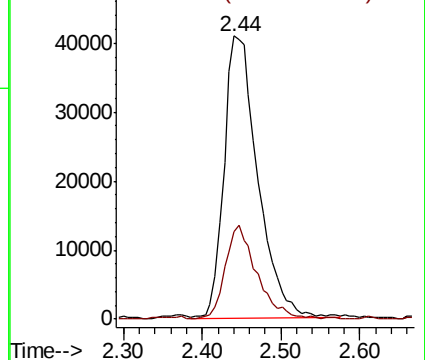
43 100

58 30.6 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#14

Carbon disulfide

Concen: 4.691 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018643.D

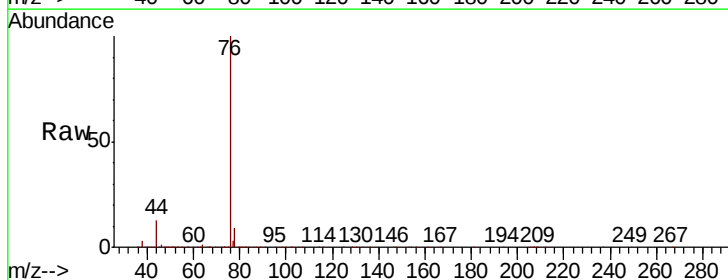
Acq: 29 Sep 2020 08:55

Tgt Ion: 76 Resp: 223864

Ion Ratio Lower Upper

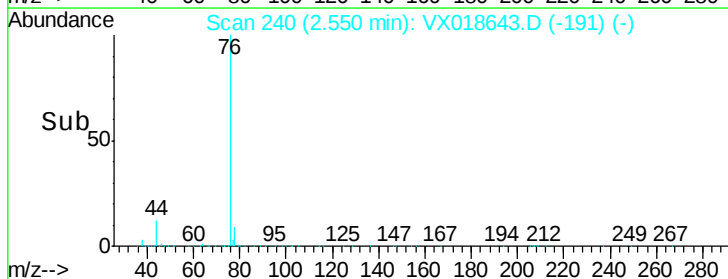
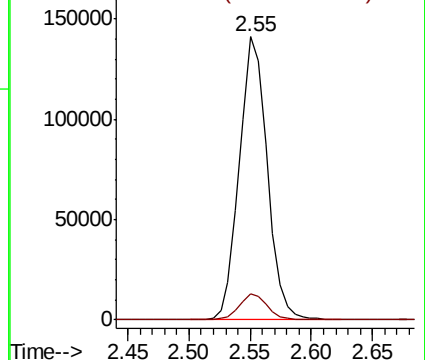
76 100

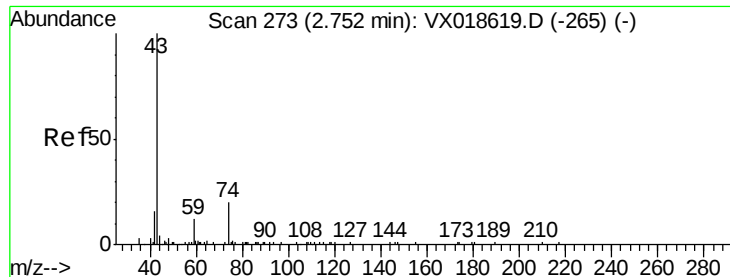
78 9.0 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

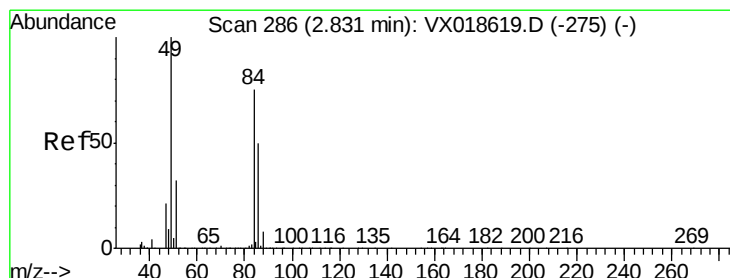
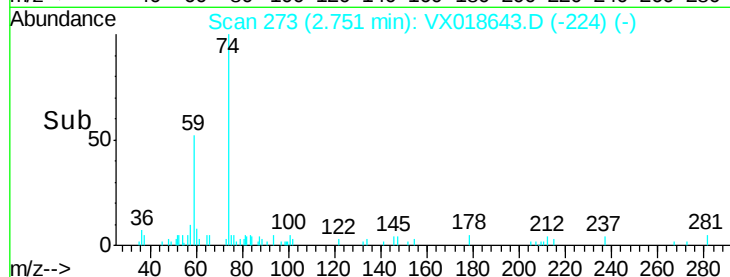
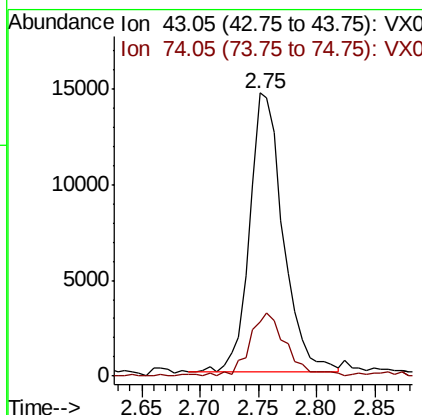
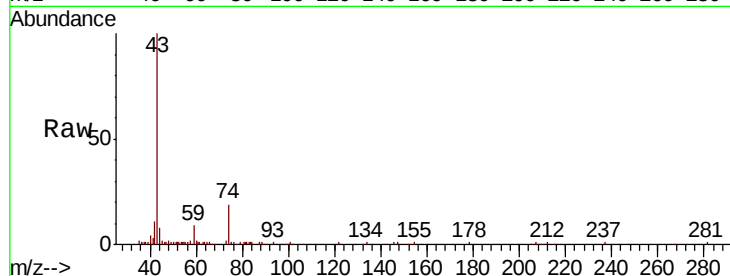




#15
Methvl Acetate
Concen: 4.433 ug/L
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

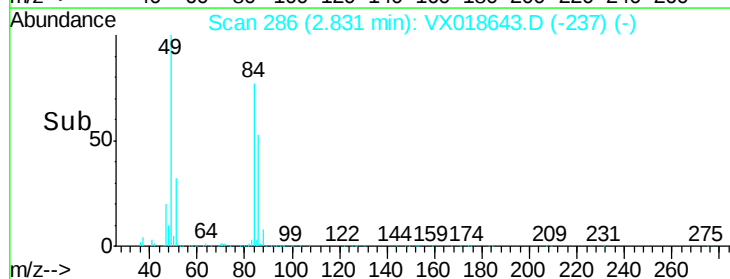
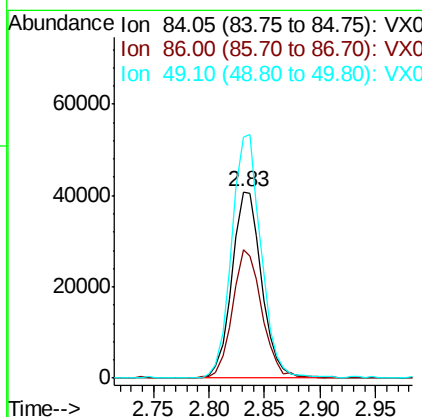
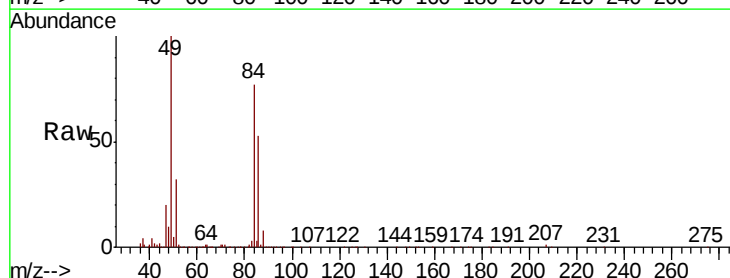
Instrument :
MSVOA_X
ClientSampleId :

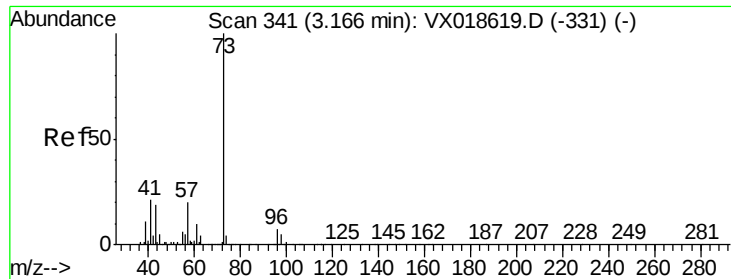
Tot Ion: 43 Resp: 29137
Ion Ratio Lower Upper
43 100
74 24.7 21.2 31.8



#16
Methylene chloride
Concen: 3.519 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

Tgt Ion: 84 Resp: 75459
Ion Ratio Lower Upper
84 100
86 68.7 41.9 77.7
49 129.4 80.8 150.2

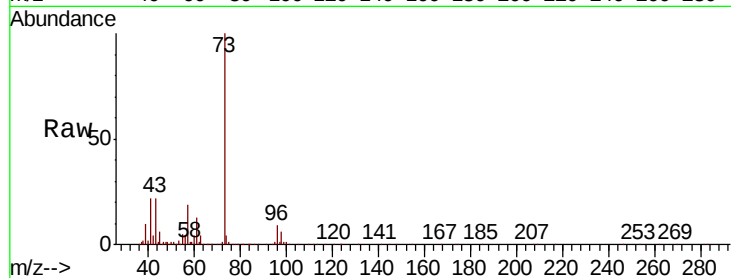




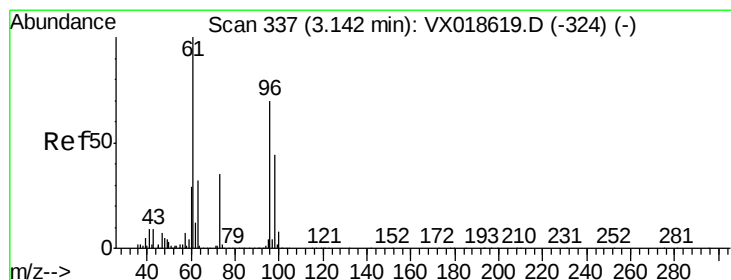
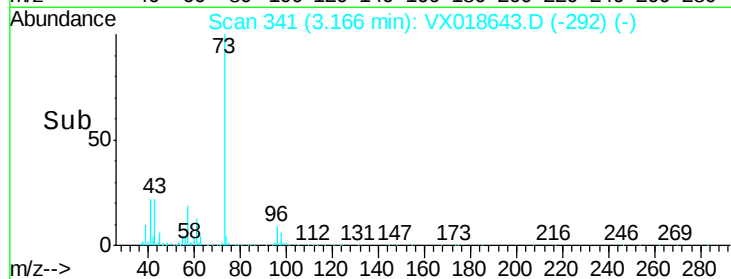
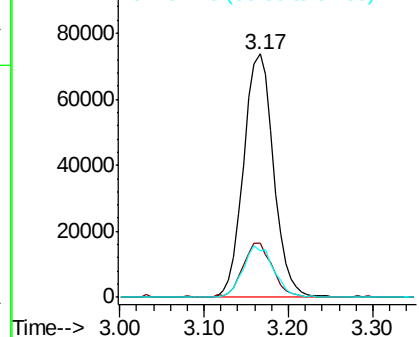
#17
Methvl tert-butvl Ether
Concen: 5.063 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 176846
Ion Ratio Lower Upper
73 100
43 22.1 18.6 27.8
57 21.4 17.3 25.9

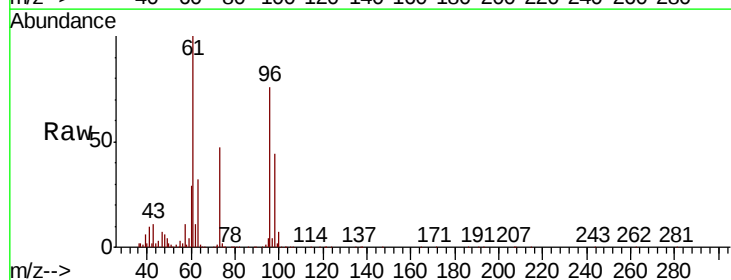


Abundance Ion 73.10 (72.80 to 73.80): VX0
Ion 43.05 (42.75 to 43.75): VX0
Ion 57.10 (56.80 to 57.80): VX0

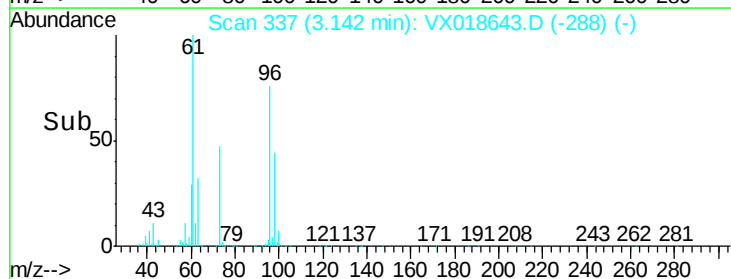
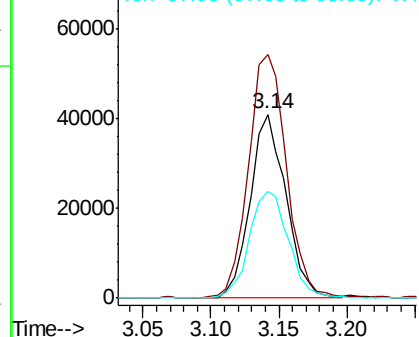


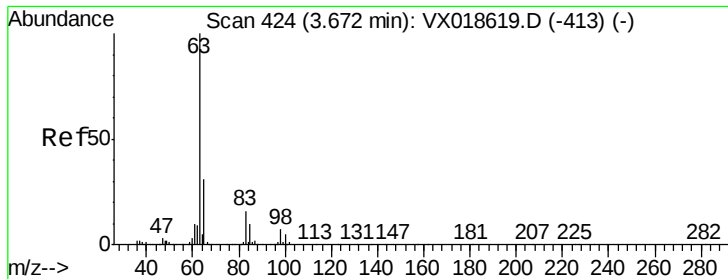
#18
trans-1,2-Dichloroethene
Concen: 4.814 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

Tgt Ion: 96 Resp: 75519
Ion Ratio Lower Upper
96 100
61 132.4 97.3 180.7
98 57.7 46.6 86.6



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

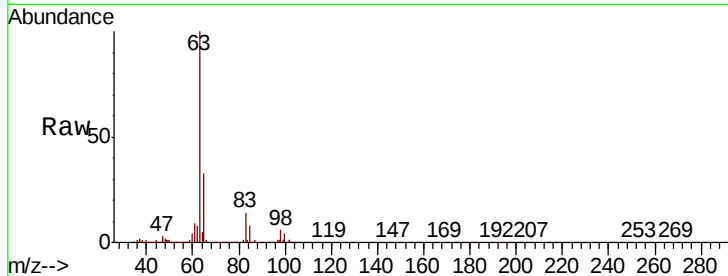




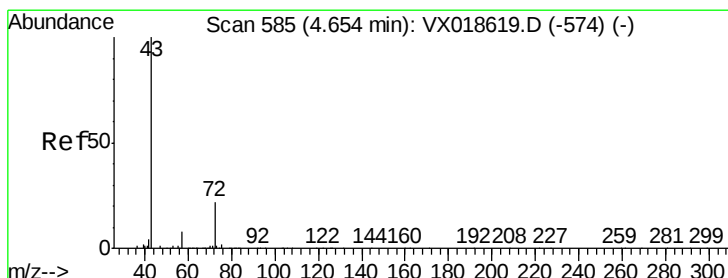
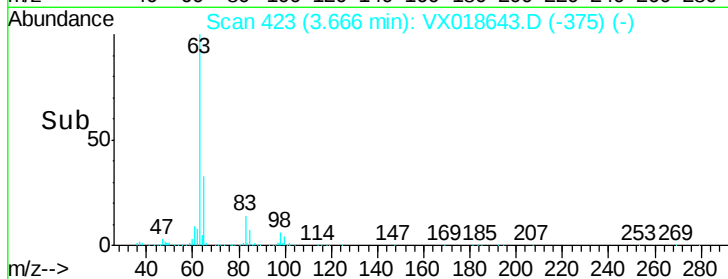
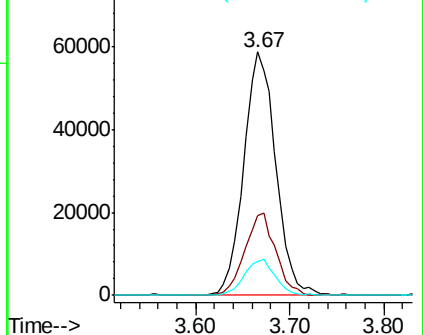
#19
 1,1-Dichloroethane
 Concen: 4.972 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	22.7	42.1
83	14.0	9.3	17.3

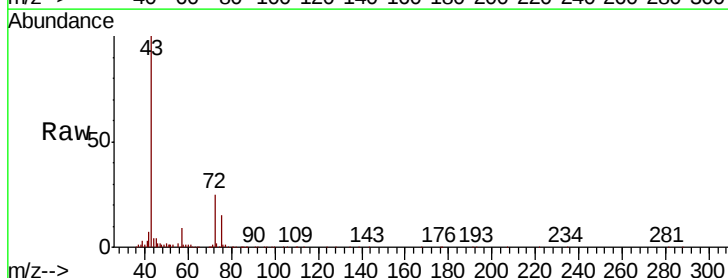


Abundance Ion 63.10 (62.80 to 63.80): VX0
 Ion 65.10 (64.80 to 65.80): VX0
 Ion 83.05 (82.75 to 83.75): VX0

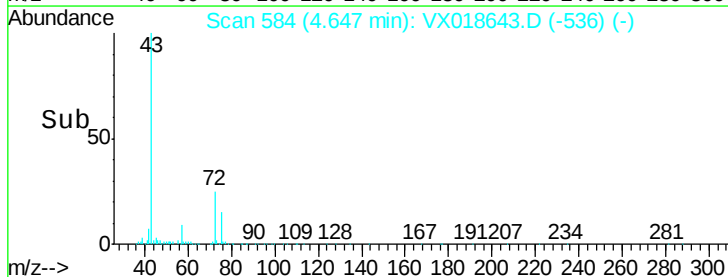
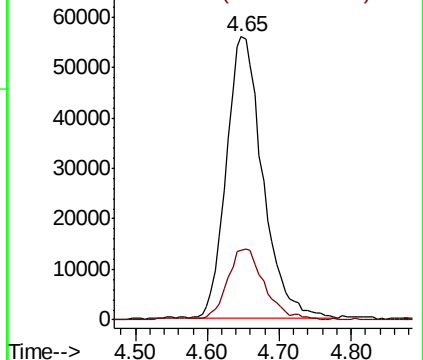


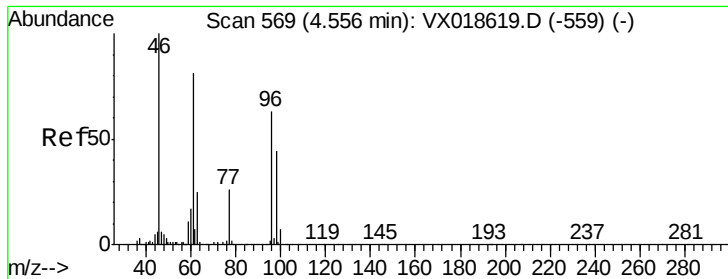
#21
 2-Butanone
 Concen: 51.774 ug/L
 RT: 4.65 min Scan# 584
 Delta R.T. -0.01 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Tgt Ion	Ratio	Lower	Upper
43	100		
72	25.7	5.2	15.6#



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



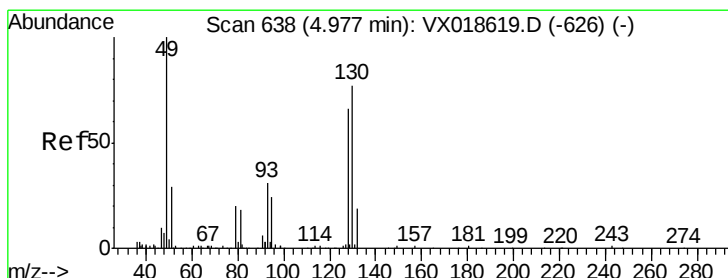
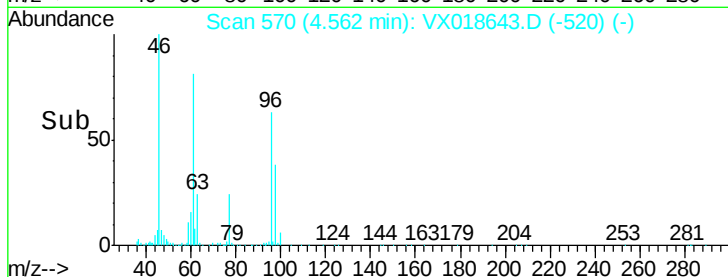
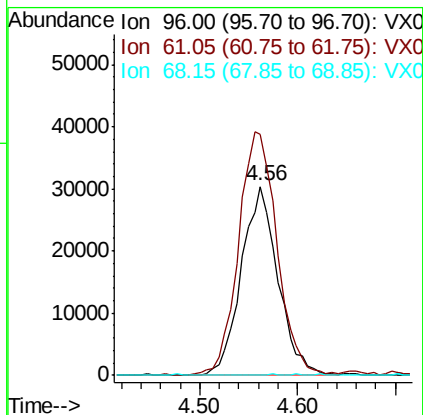
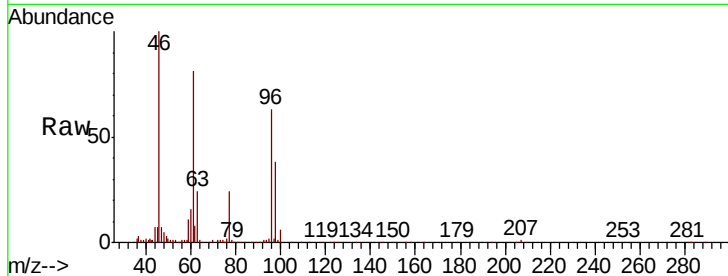


#22

cis-1,2-Dichloroethene
 Concen: 4.816 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Instrument :
 MSVOA_X
 ClientSampleId :

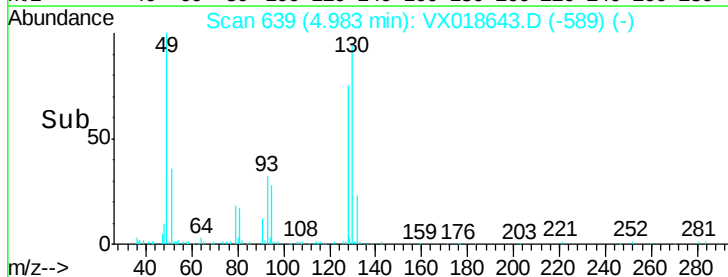
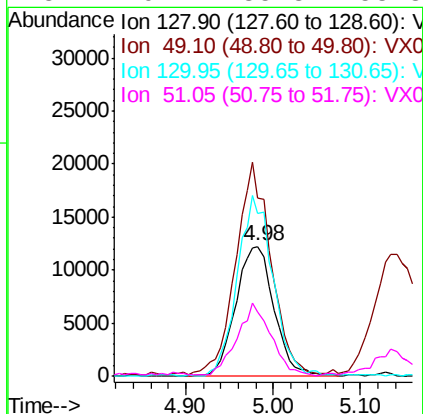
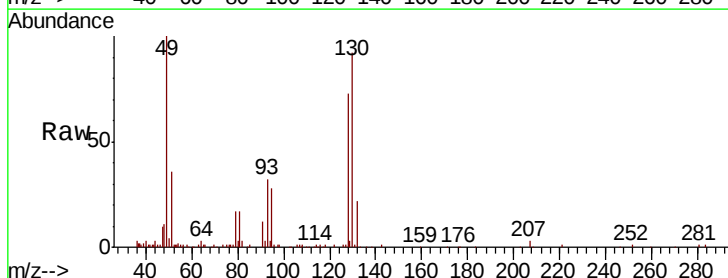
Tot Ion: 96 Resp: 78833
 Ion Ratio Lower Upper
 96 100
 61 127.4 87.7 162.9
 68 0.3 0.3 0.7#

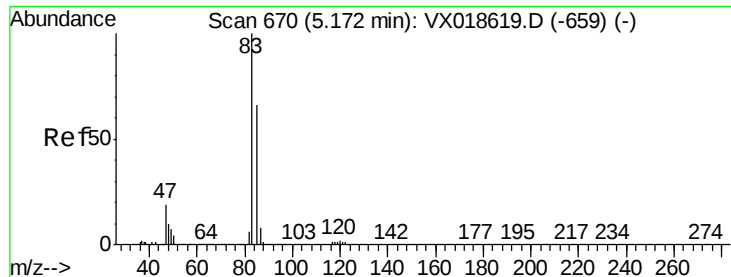


#23

Bromochloromethane
 Concen: 4.720 ug/L
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Tgt Ion:128 Resp: 37049
 Ion Ratio Lower Upper
 128 100
 49 137.3 105.2 195.4
 130 125.9 100.6 186.8
 51 49.4 35.8 53.8





#25

Chloroform

Concen: 4.731 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

Instrument :

MSVOA_X

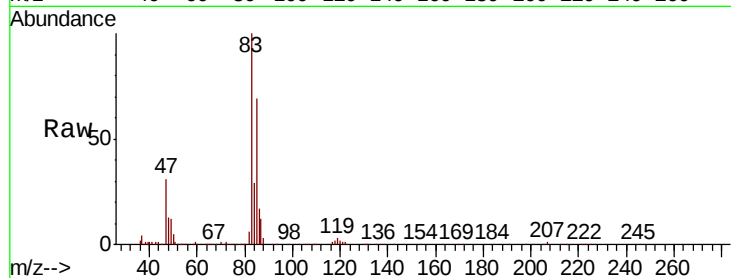
ClientSampleId :

Tot Ion: 83 Resp: 145487

Ion Ratio Lower Upper

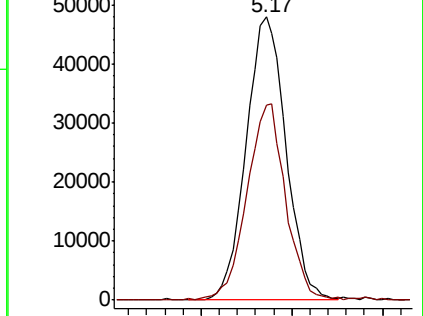
83 100

85 69.1 41.8 77.6

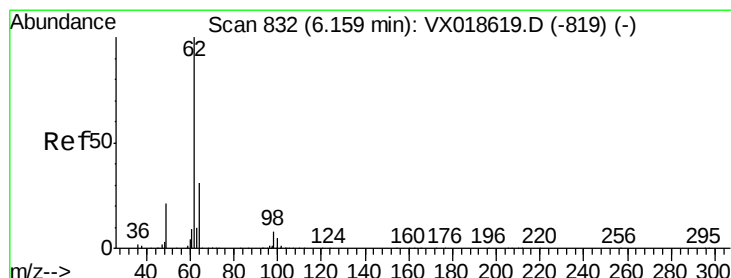
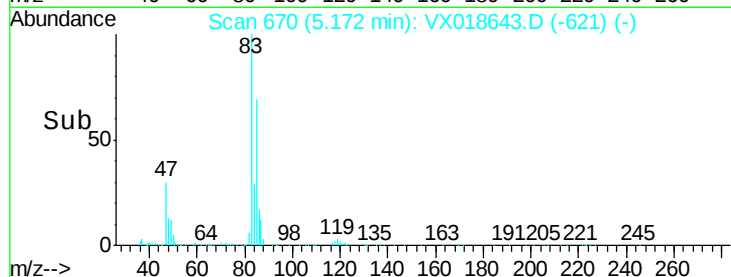


Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0



Time-->



#27

1,2-Dichloroethane

Concen: 4.858 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX018643.D

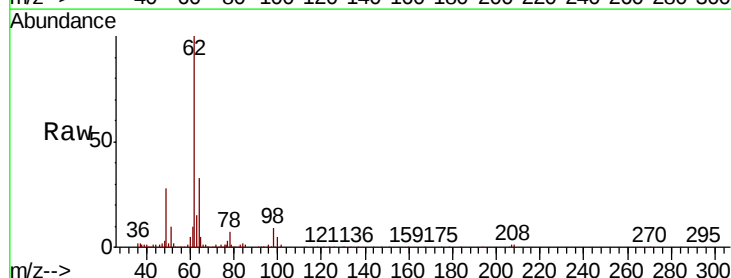
Acq: 29 Sep 2020 08:55

Tgt Ion: 62 Resp: 94494

Ion Ratio Lower Upper

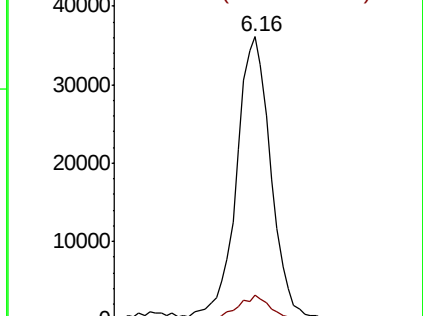
62 100

98 8.6 7.0 10.4

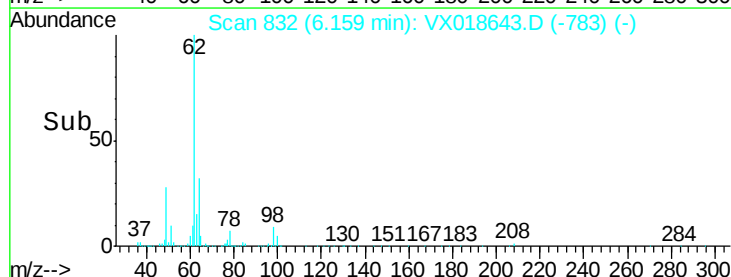


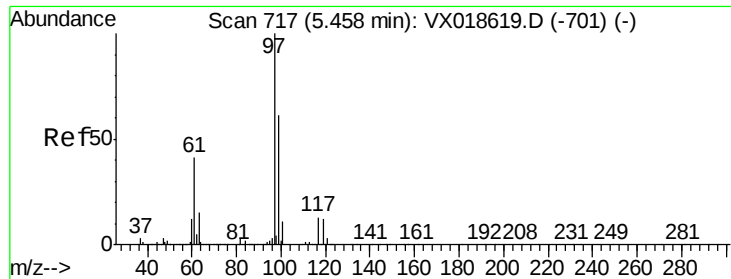
Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 98.05 (97.75 to 98.75): VX0



Time-->

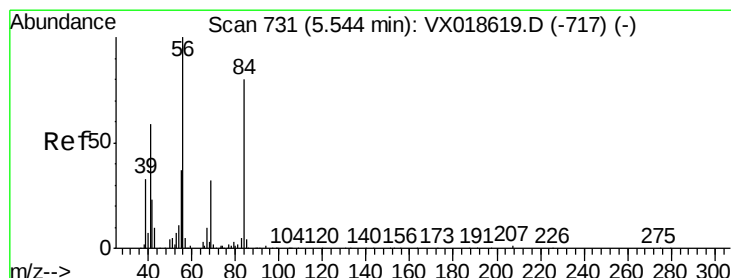
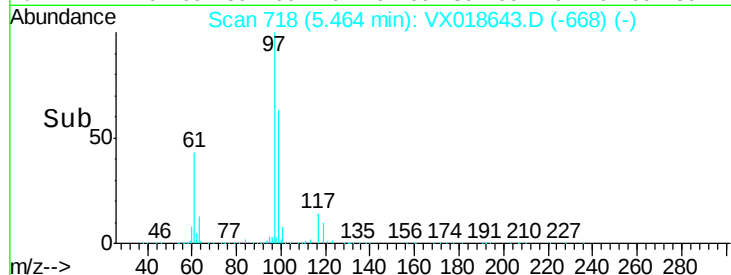
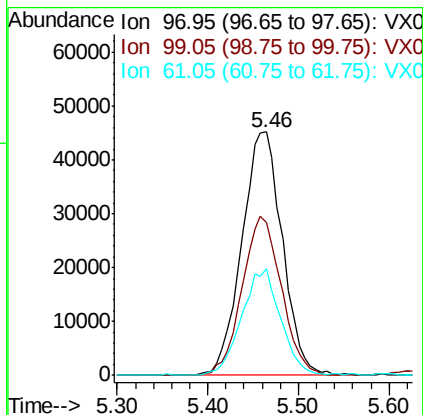
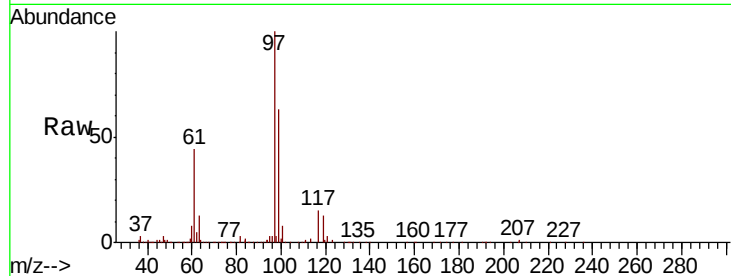




#29
 1,1,1-Trichloroethane
 Concen: 4.816 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

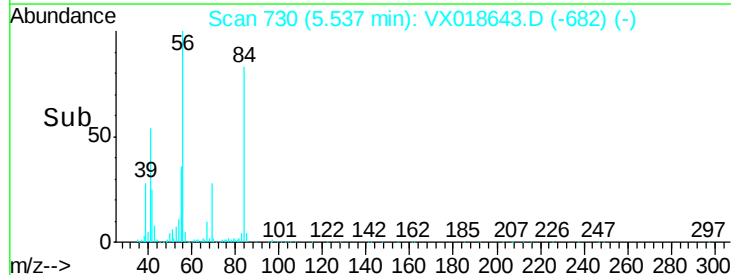
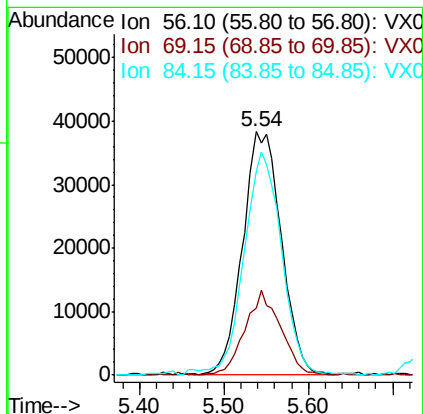
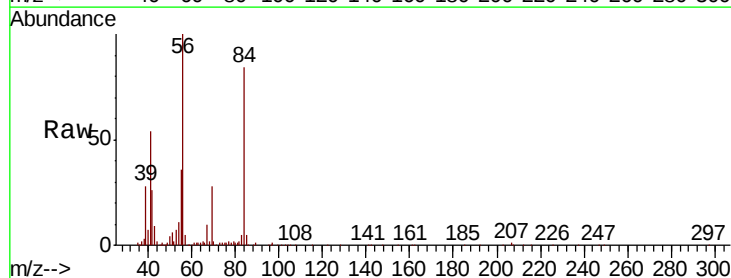
Instrument :
 MSVOA_X
 ClientSampleId :

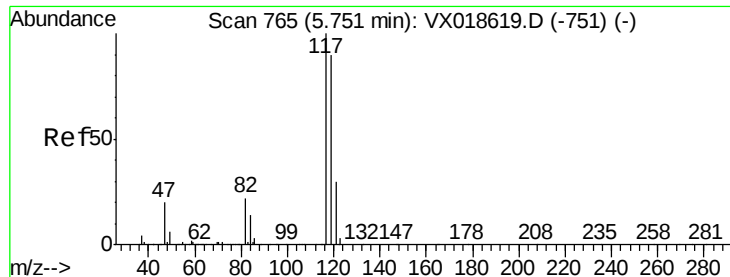
Tot Ion: 97 Resp: 139743
 Ion Ratio Lower Upper
 97 100
 99 63.5 50.0 75.0
 61 42.1 33.9 50.9



#30
 Cyclohexane
 Concen: 5.160 ug/L
 RT: 5.54 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Tgt Ion: 56 Resp: 119106
 Ion Ratio Lower Upper
 56 100
 69 32.2 26.4 39.6
 84 87.5 72.7 109.1





#31

Carbon tetrachloride

Concen: 4.686 ug/L

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

Instrument :

MSVOA_X

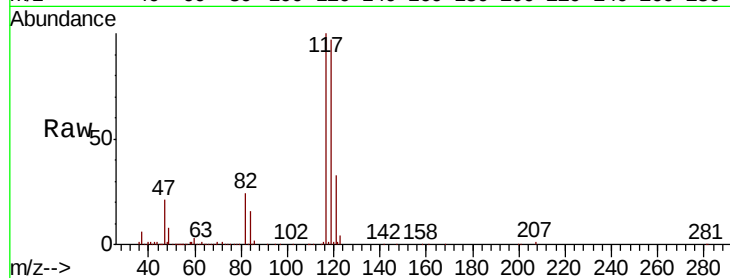
ClientSampleId :

Tot Ion:117 Resp: 125391

Ion Ratio Lower Upper

117 100

119 98.9 76.3 114.5

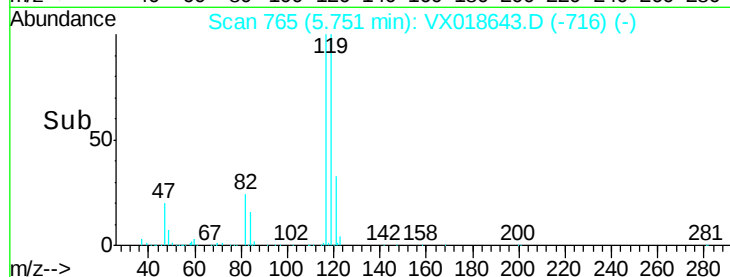


Abundance Ion 116.90 (116.60 to 117.60): V

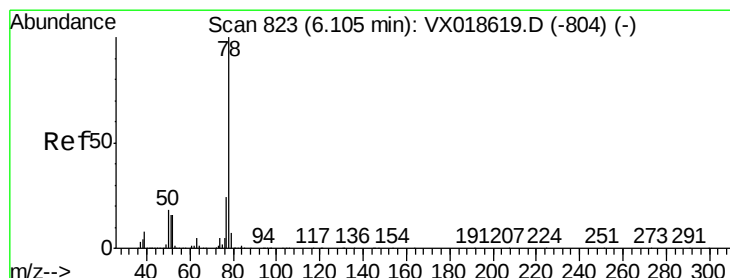
Ion 118.90 (118.60 to 119.60): V

5.75

Time-->



Time-->



#33

Benzene

Concen: 5.098 ug/L

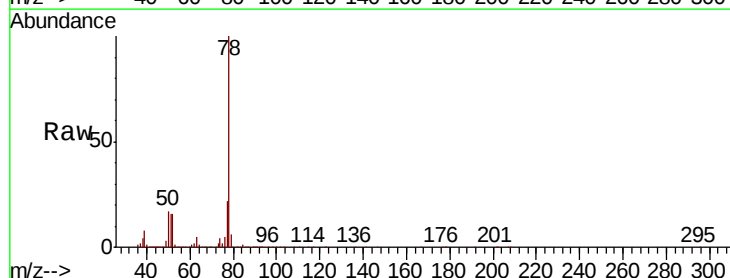
RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

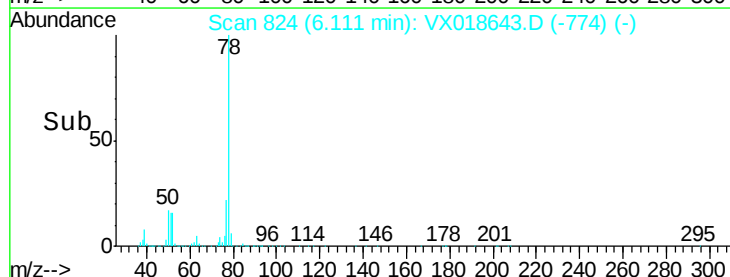
Tgt Ion: 78 Resp: 299447



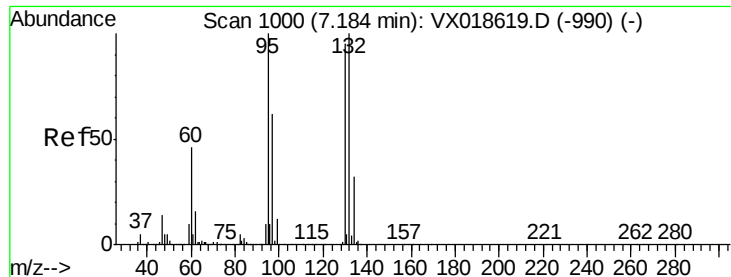
Abundance Ion 78.10 (77.80 to 78.80): VX0

6.11

Time-->



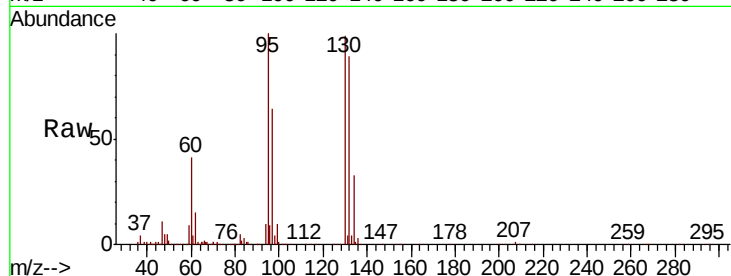
Time-->



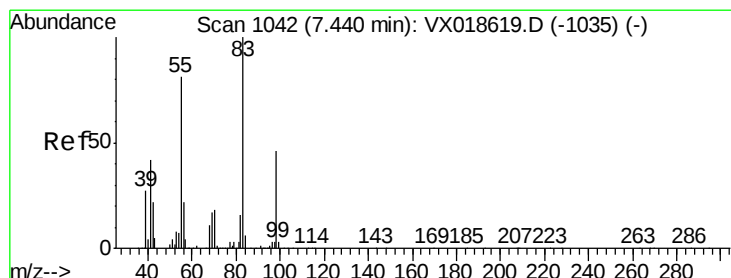
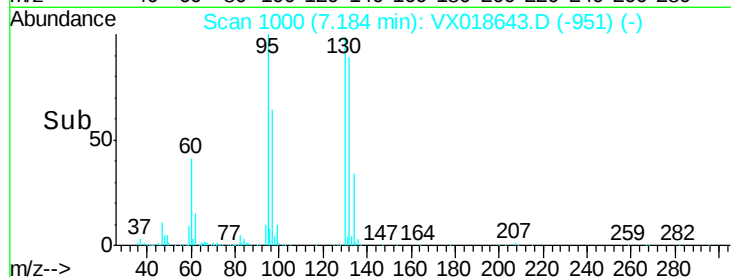
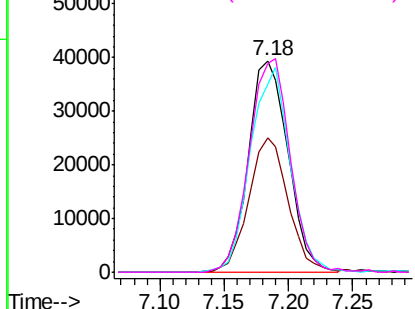
#34
 Trichloroethene
 Concen: 4.939 ug/L
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 95 Resp: 83948
 Ion Ratio Lower Upper
 95 100
 97 63.8 40.6 75.4
 132 89.1 64.3 119.5
 130 98.8 70.6 131.0

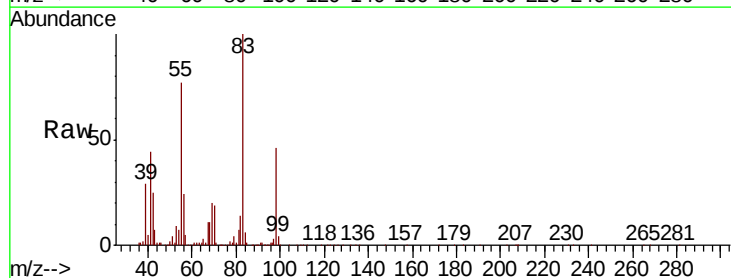


Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 96.95 (96.65 to 97.65): VX0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

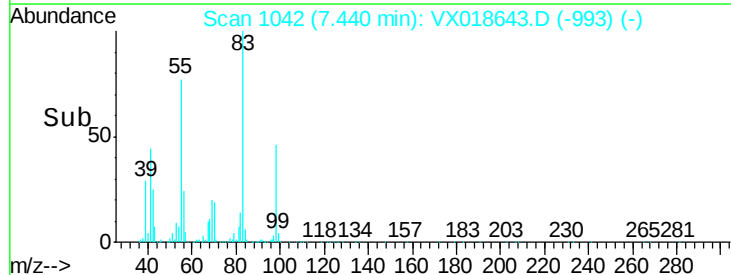
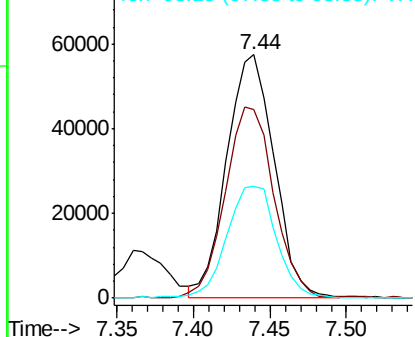


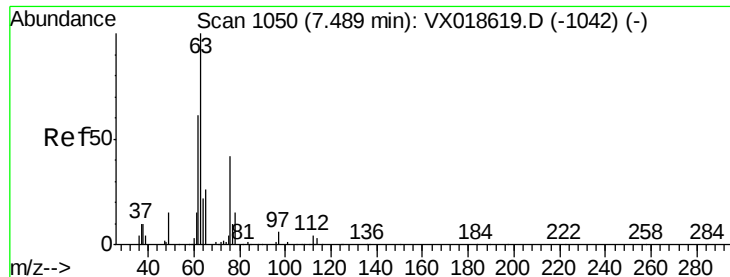
#35
 Methylcyclohexane
 Concen: 5.244 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Tgt Ion: 83 Resp: 123978
 Ion Ratio Lower Upper
 83 100
 55 80.5 67.4 101.0
 98 48.4 41.1 61.7



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





#37

1,2-Dichloropropane

Concen: 4.769 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

Instrument :

MSVOA_X

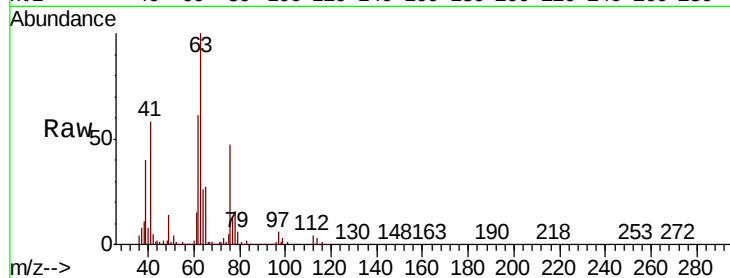
ClientSampleId :

Tot Ion: 63 Resp: 74749

Ion Ratio Lower Upper

63 100

112 4.9 4.1 6.1



Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 112.10 (111.80 to 112.80): V

7.49

40000

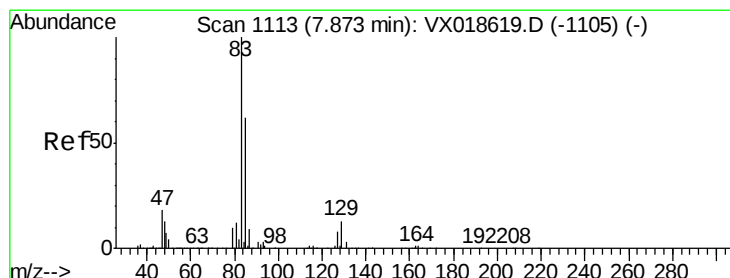
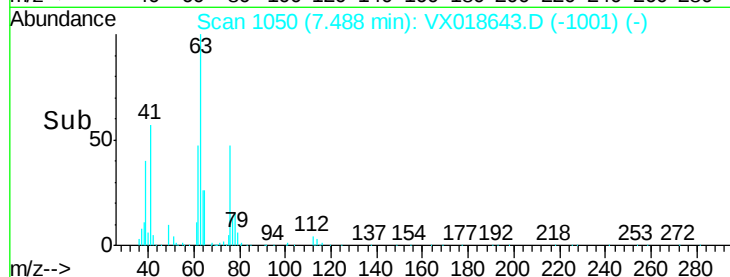
30000

20000

10000

0

Time-->



#38

Bromodichloromethane

Concen: 4.887 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

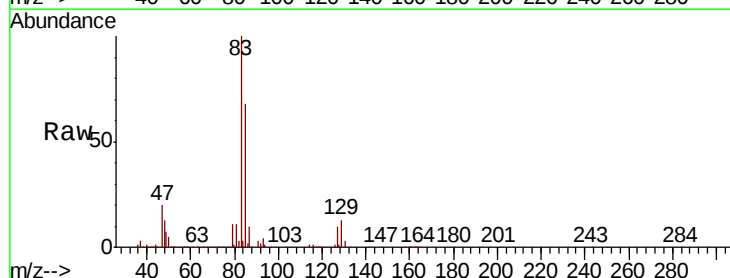
Tgt Ion: 83 Resp: 103398

Ion Ratio Lower Upper

83 100

85 68.5 45.2 84.0

127 9.7 8.2 12.2



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

7.87

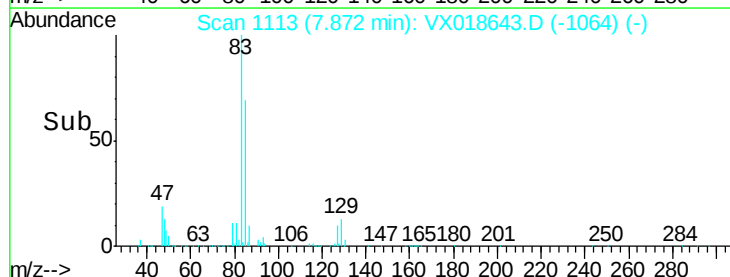
60000

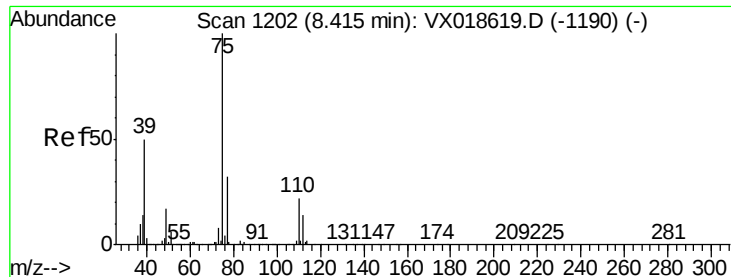
40000

20000

0

Time-->

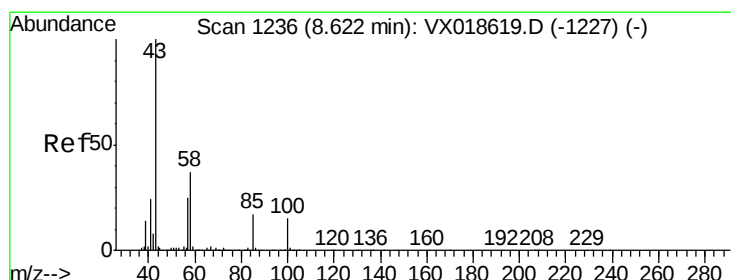
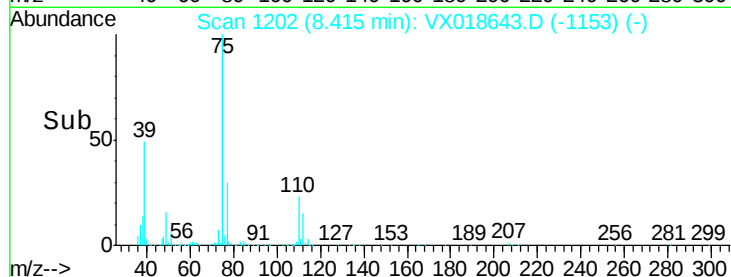
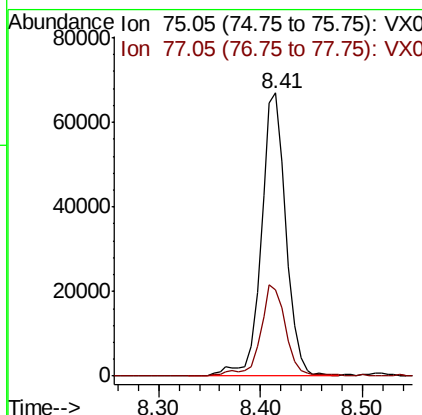
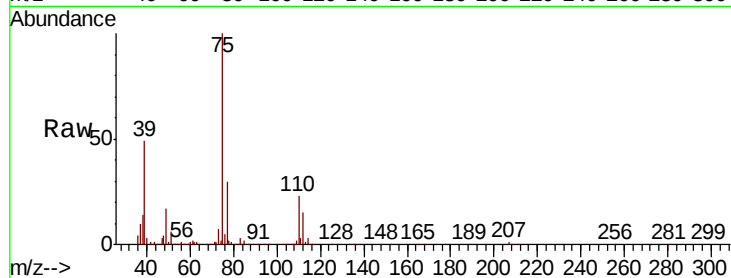




#39
 cis-1,3-Dichloropropene
 Concen: 5.037 ug/L
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

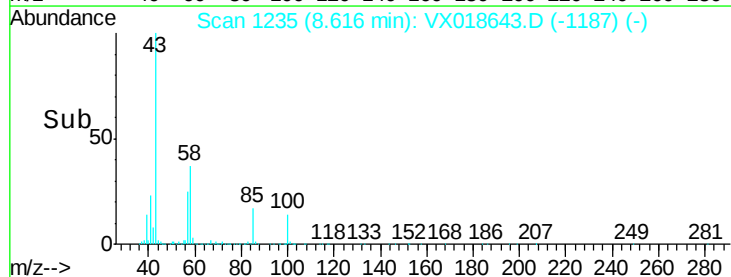
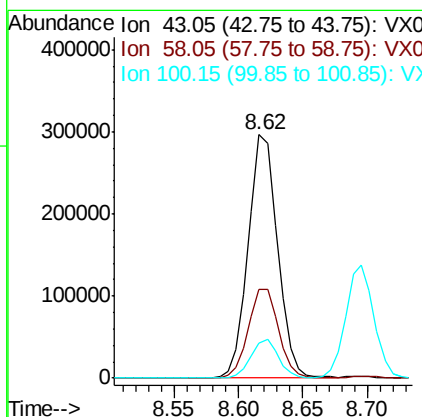
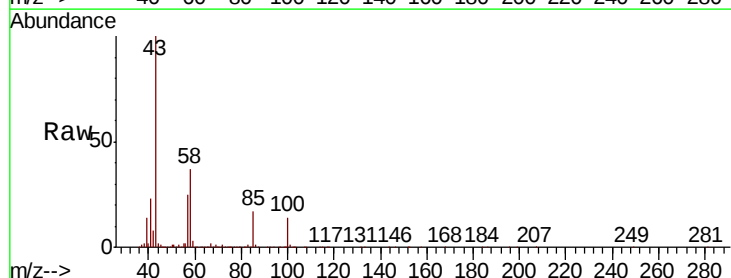
Instrument :
 MSVOA_X
 ClientSampleId :

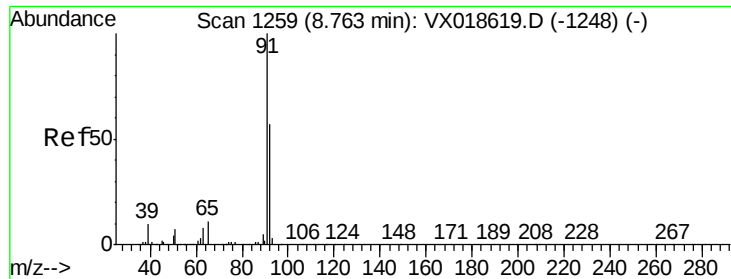
Tot Ion: 75 Resp: 111954
 Ion Ratio Lower Upper
 75 100
 77 30.5 23.0 42.8



#40
 4-Methyl-2-pentanone
 Concen: 53.544 ug/L
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Tgt Ion: 43 Resp: 465135
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.2 45.4
 100 15.1 11.8 17.8





#42

Toluene

Concen: 5.207 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

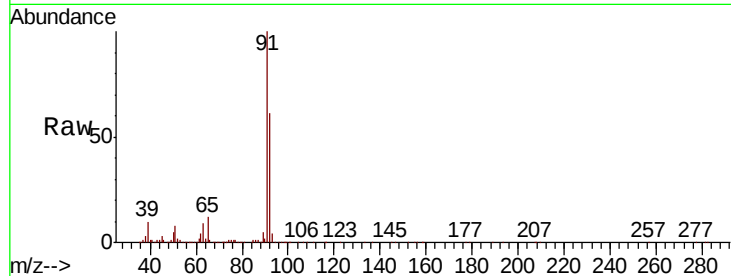
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 330332

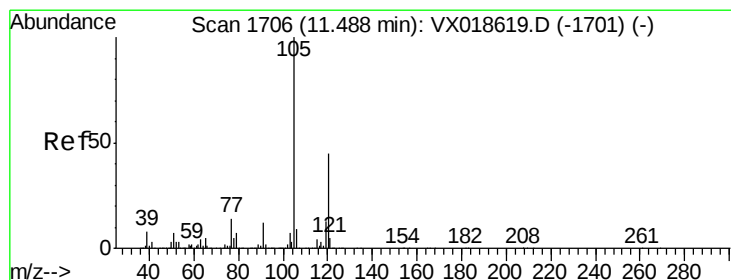
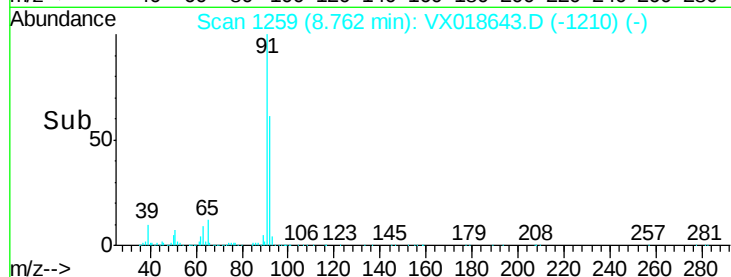
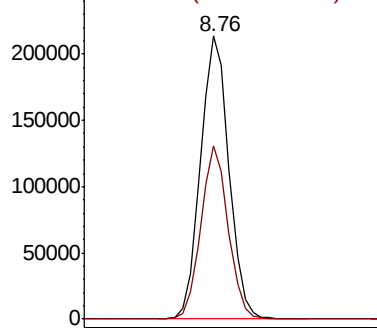
Ion Ratio Lower Upper

91 100

92 61.4 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VX0
Ion 92.15 (91.85 to 92.85): VX0



#43

1,3,5-Trimethylbenzene

Concen: 5.315 ug/L

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX018643.D

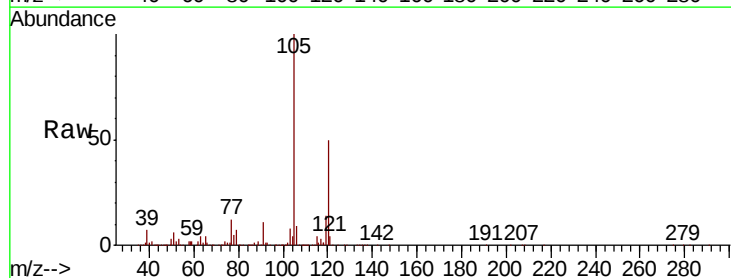
Acq: 29 Sep 2020 08:55

Tgt Ion:105 Resp: 294808

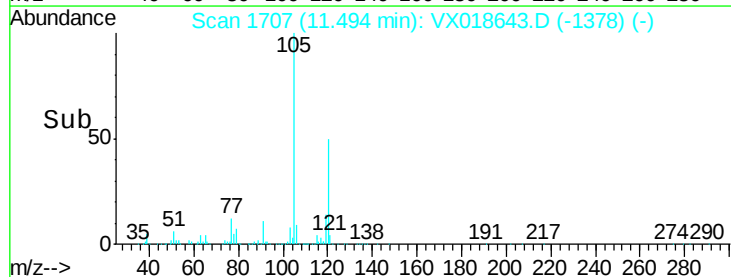
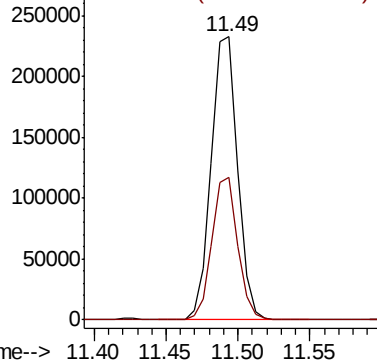
Ion Ratio Lower Upper

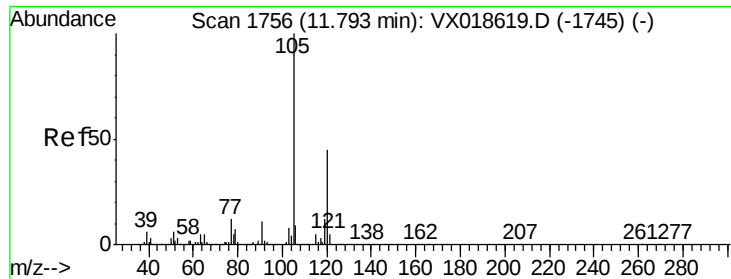
105 100

120 49.5 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

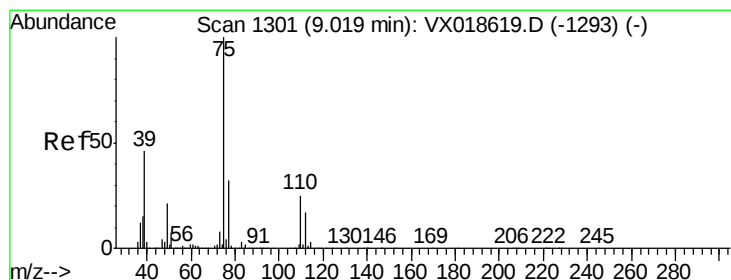
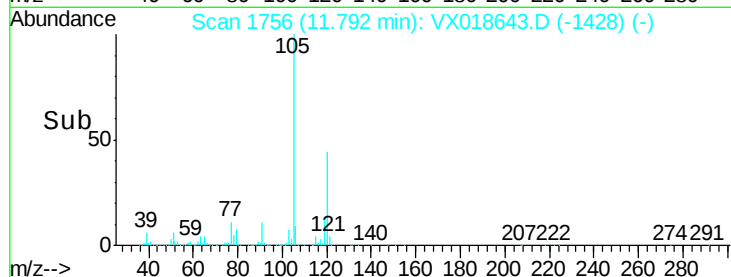
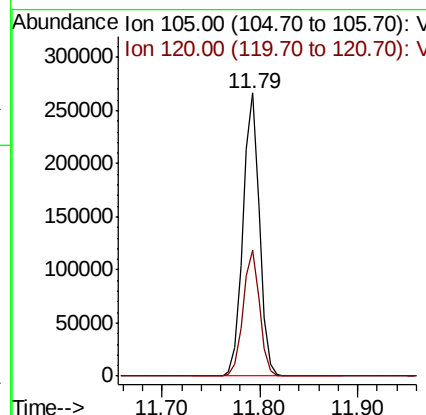
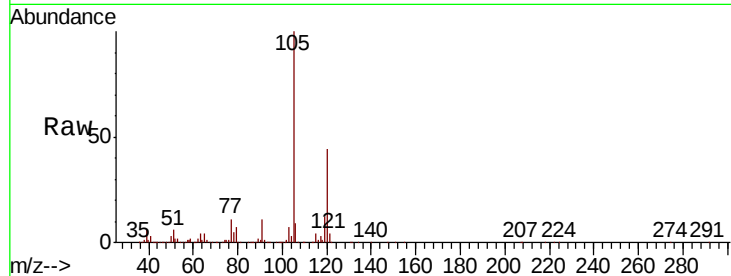




#44
 1,2,4-Trimethylbenzene
 Concen: 5.590 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

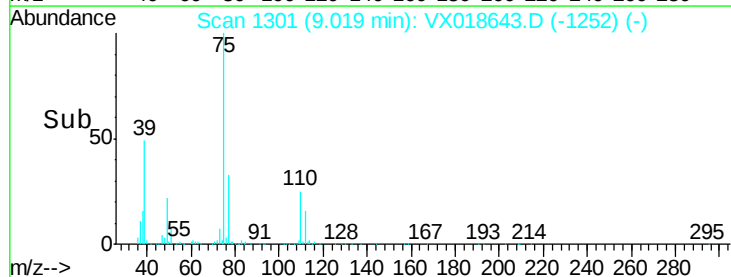
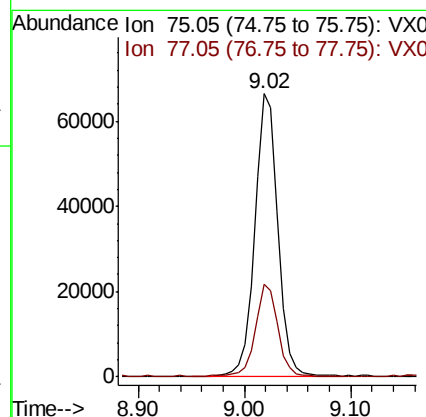
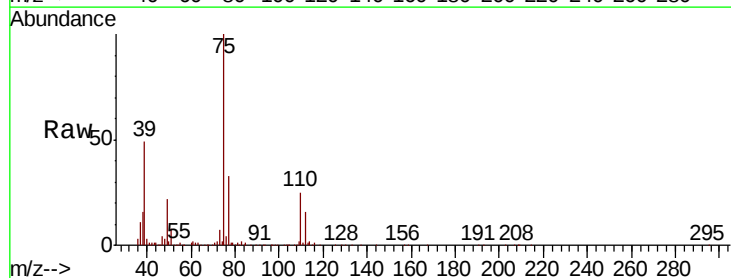
Instrument :
 MSVOA_X
 ClientSampleId :

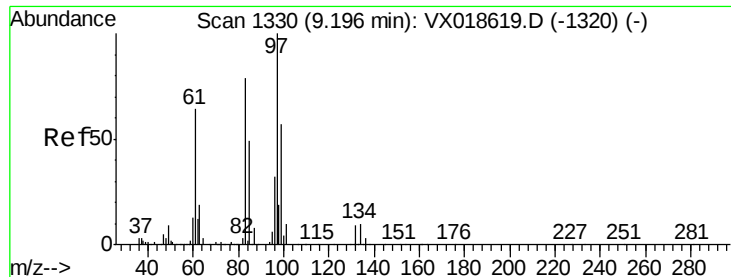
Tot Ion:105 Resp: 310210
 Ion Ratio Lower Upper
 105 100
 120 44.4 36.8 55.2



#46
 trans-1,3-Dichloropropene
 Concen: 4.980 ug/L
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Tgt Ion: 75 Resp: 100949
 Ion Ratio Lower Upper
 75 100
 77 32.7 21.2 39.4

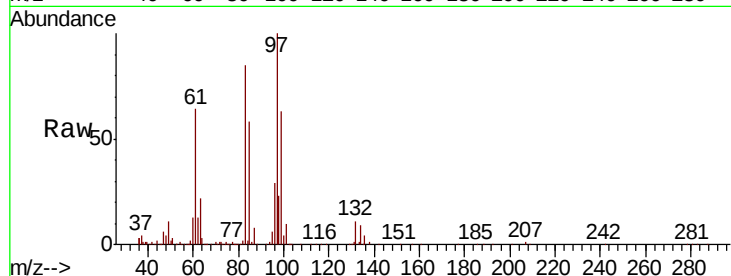




#47
 1,1,2-Trichloroethane
 Concen: 4.846 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	54503
Ion	Ratio	Lower	Upper
97	100		
99	63.0	38.9	72.2
83	85.5	61.9	114.9
85	58.4	37.2	69.2



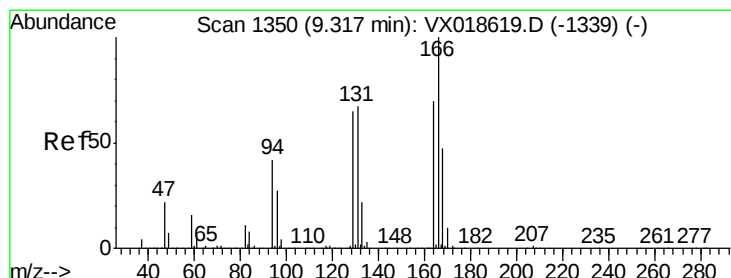
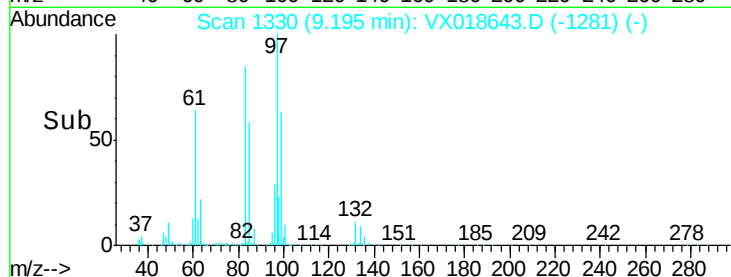
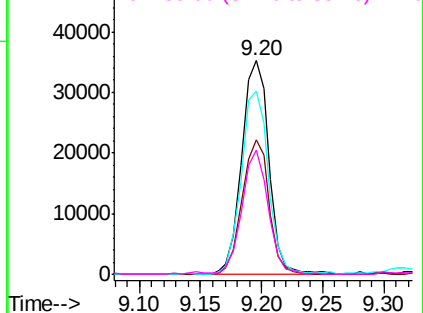
Abundance

Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

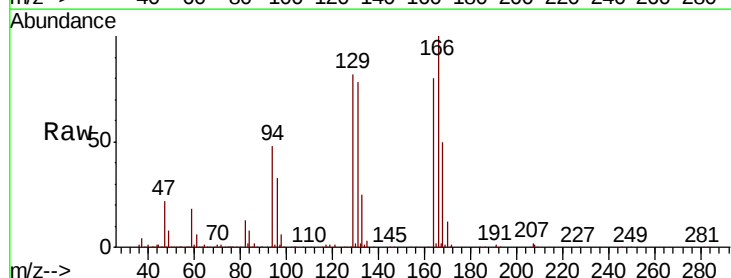
Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0



#49
 Tetrachloroethene
 Concen: 5.190 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Tgt Ion:	164	Resp:	69450
Ion	Ratio	Lower	Upper
164	100		
129	101.9	65.9	122.3
131	97.3	61.4	114.0
166	124.7	91.0	169.0



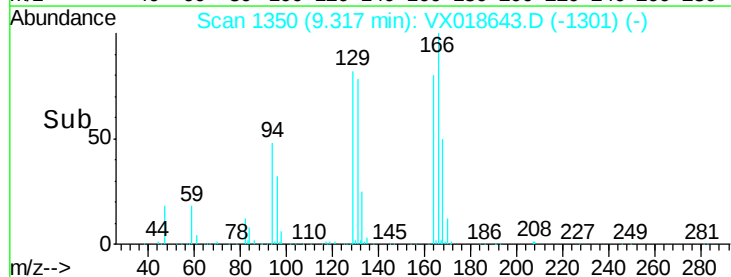
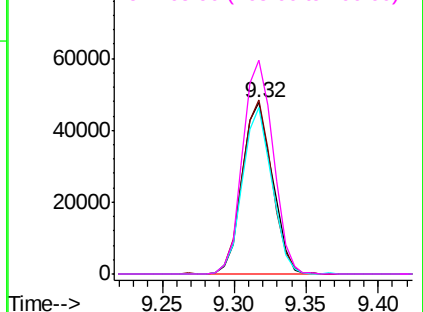
Abundance

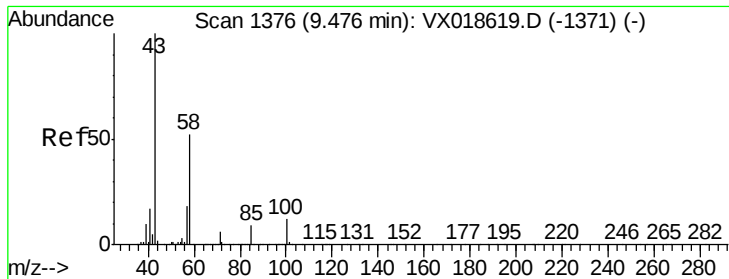
Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

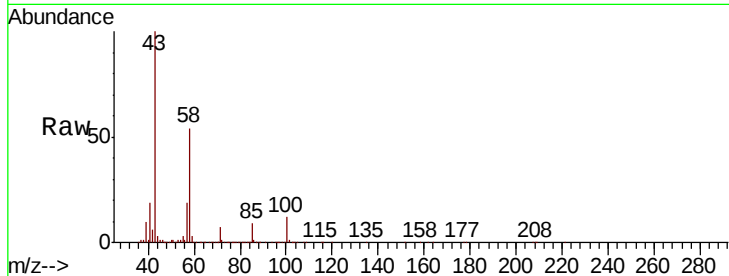




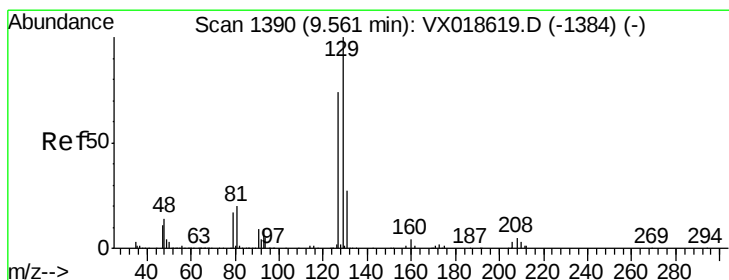
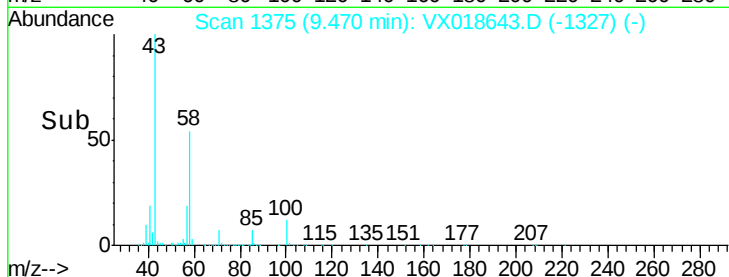
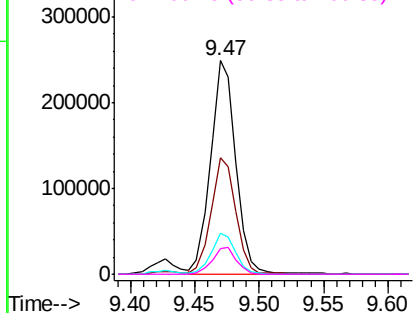
#50
2-Hexanone
Concen: 55.193 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	43	Resp:	339371
Ion	Ratio	Lower	Upper
43	100		
58	53.9	42.5	63.7
57	18.6	15.9	23.9
100	12.2	9.4	14.0

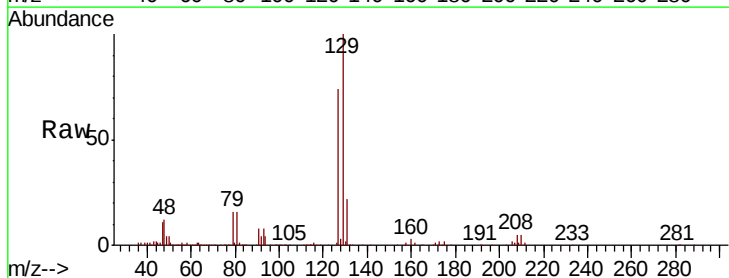


Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V

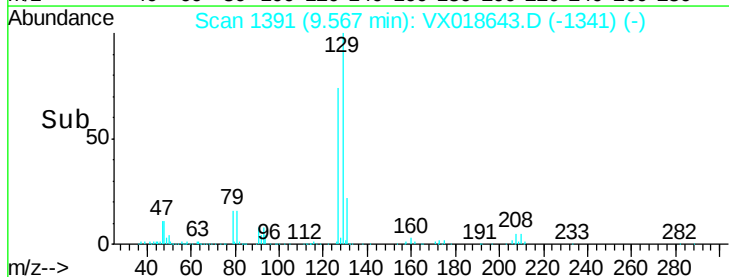
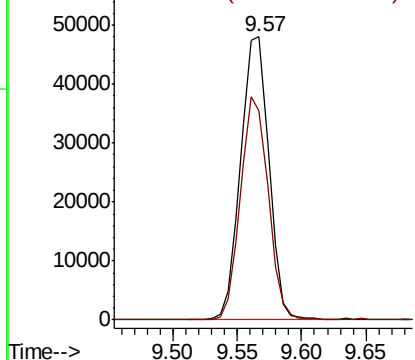


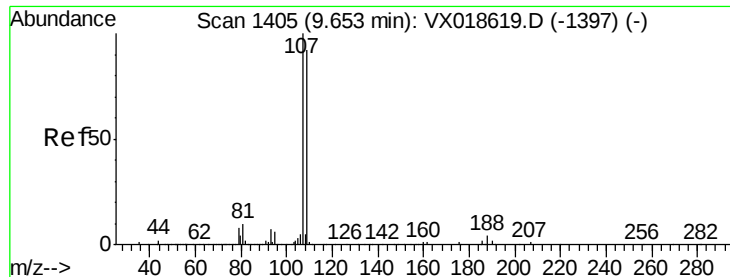
#51
Dibromochloromethane
Concen: 4.955 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

Tgt Ion:	129	Resp:	72926
Ion	Ratio	Lower	Upper
129	100		
127	74.1	55.0	102.2



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

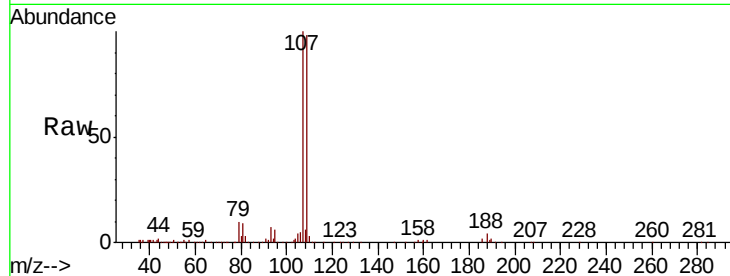




#52
1,2-Dibromoethane
Concen: 4.975 ug/L
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.9	63.4	117.8
188	4.2	4.1	6.1

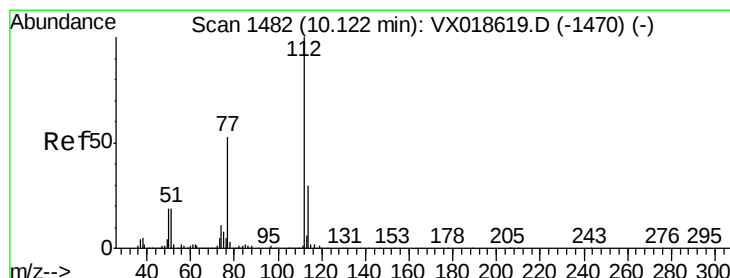
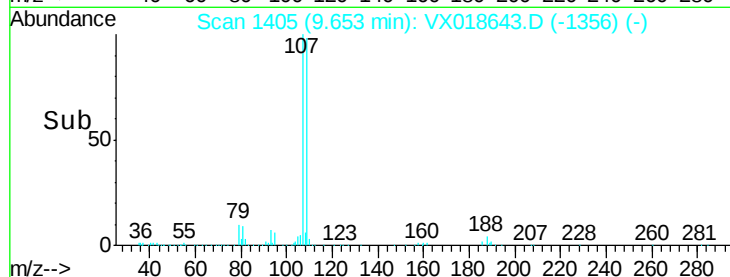
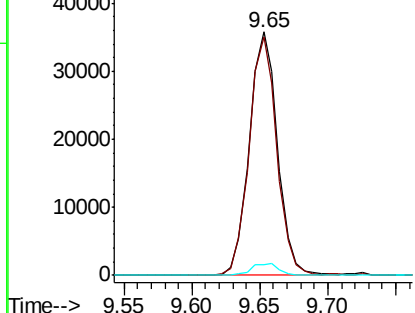


Abundance

Ion 106.95 (106.65 to 107.65): V

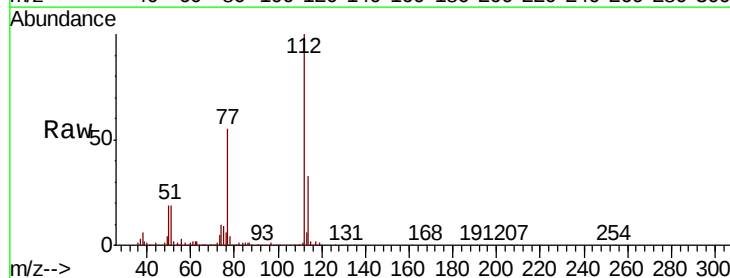
Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#53
Chlorobenzene
Concen: 5.251 ug/L
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.1	20.6	38.4
77	55.2	46.6	69.8

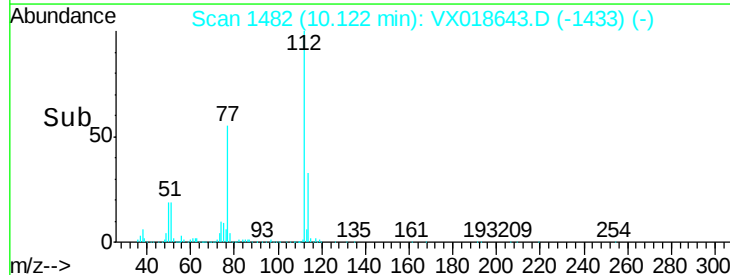
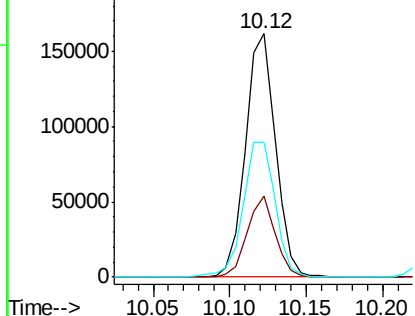


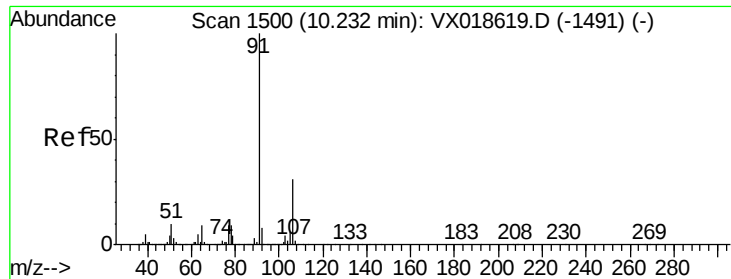
Abundance

Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V

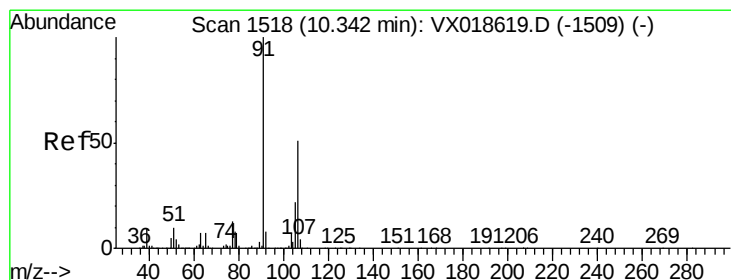
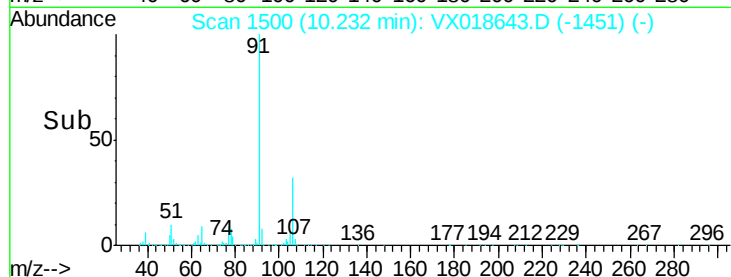
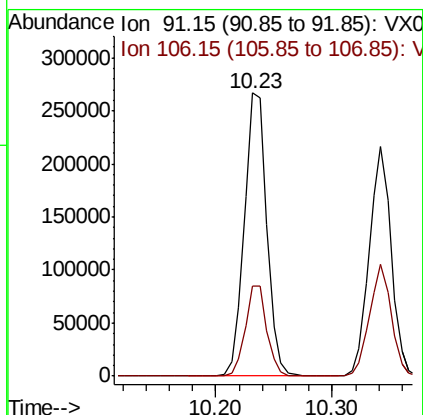
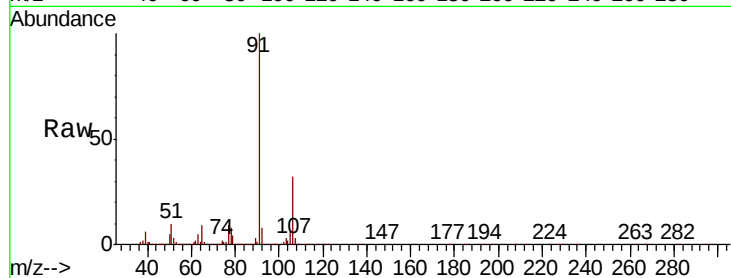




#54
Ethylbenzene
Concen: 5.224 ug/L
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

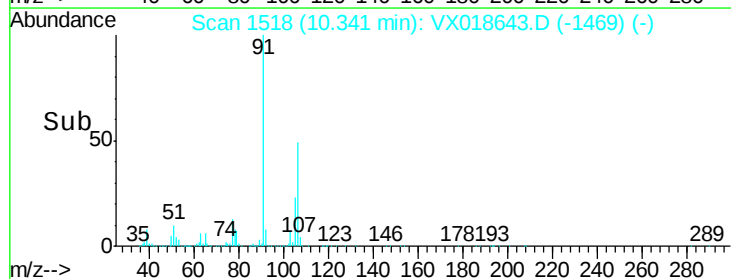
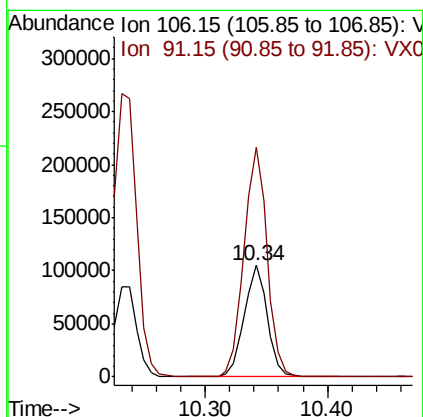
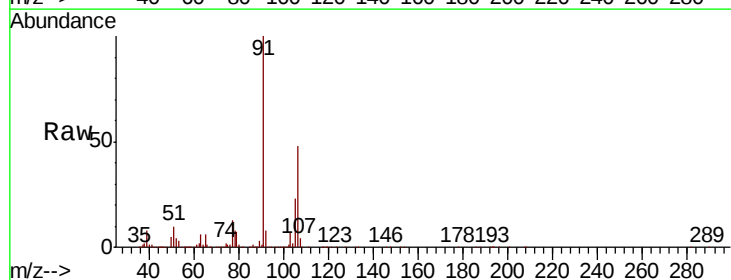
Instrument :
MSVOA_X
ClientSampled :

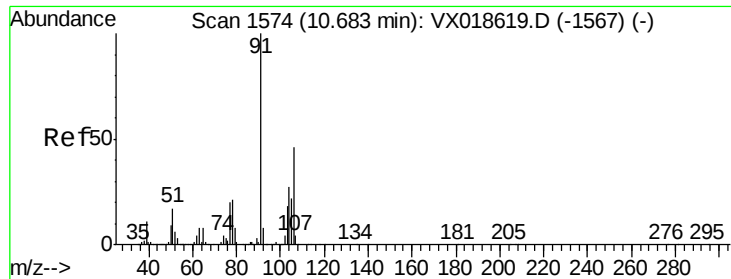
Tot Ion: 91 Resp: 361004
Ion Ratio Lower Upper
91 100
106 31.8 21.0 39.0



#55
m,p-xylene
Concen: 5.204 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

Tgt Ion: 106 Resp: 137510
Ion Ratio Lower Upper
106 100
91 206.2 140.3 260.6

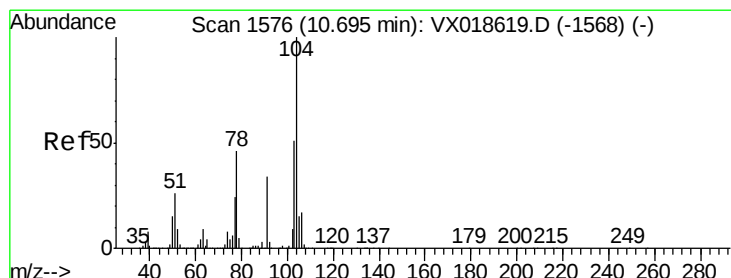
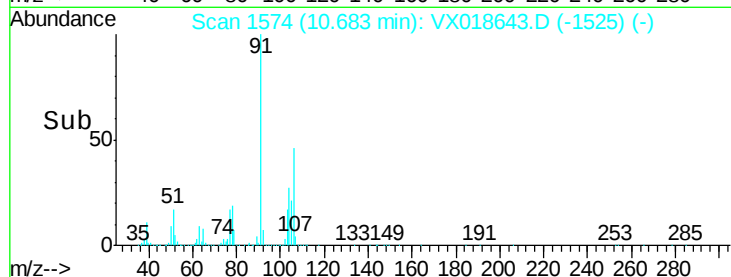
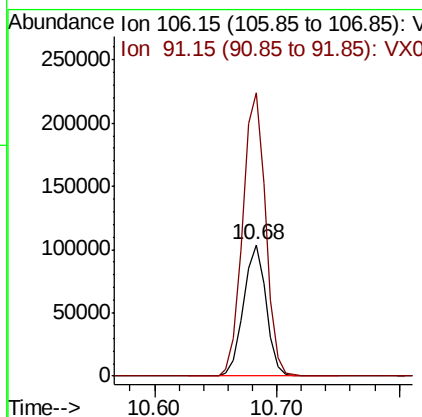
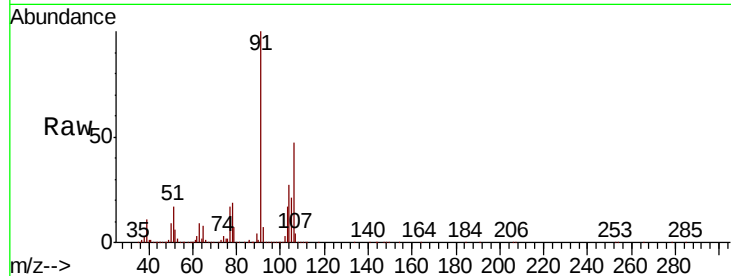




#56
o-xylene
Concen: 5.300 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

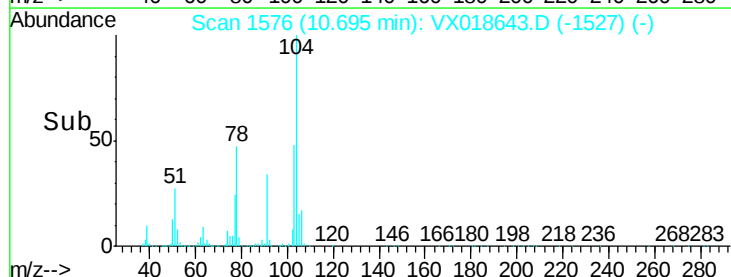
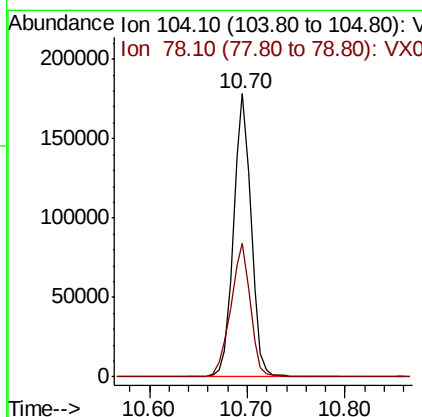
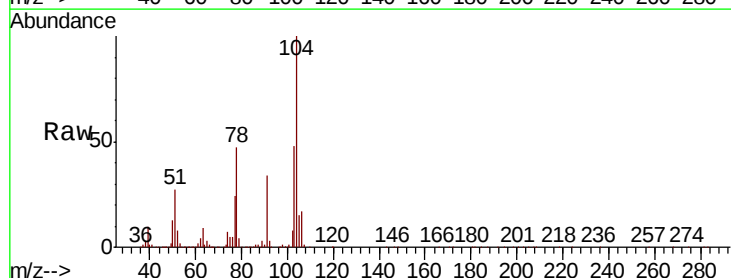
Instrument :
MSVOA_X
ClientSampled :

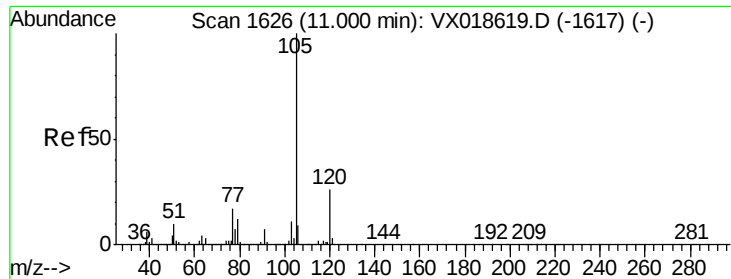
Tot Ion:106 Resp: 132328
Ion Ratio Lower Upper
106 100
91 215.0 167.5 311.1



#57
Styrene
Concen: 5.418 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

Tgt Ion:104 Resp: 223331
Ion Ratio Lower Upper
104 100
78 47.0 33.3 61.9





#58

Isopropylbenzene

Concen: 5.403 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

Instrument :

MSVOA_X

ClientSampled :

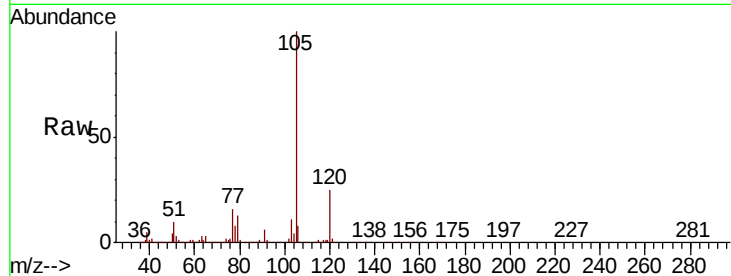
Tot Ion:105 Resp: 361749

Ion Ratio Lower Upper

105 100

120 26.7 21.2 31.8

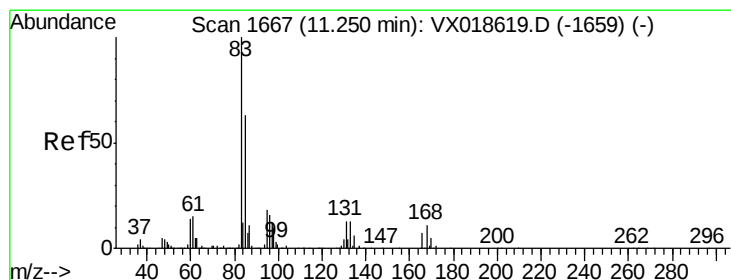
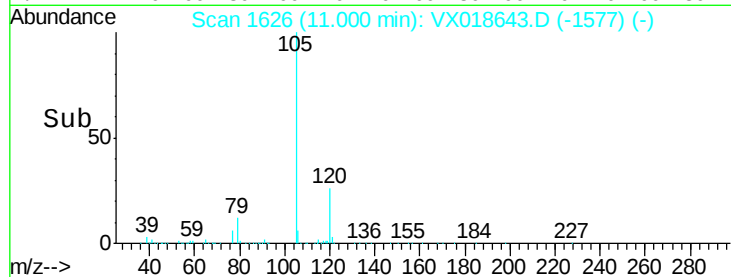
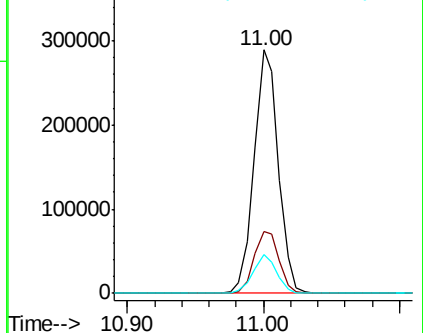
77 15.6 13.3 19.9



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: 5.175 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

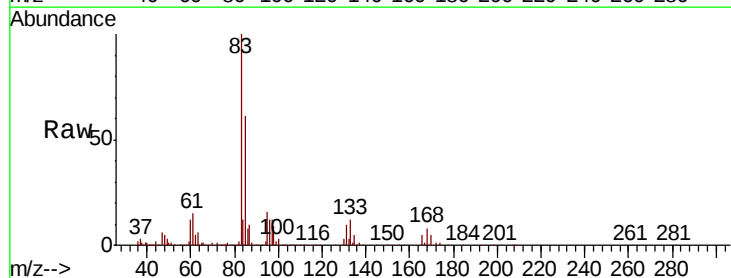
Tgt Ion: 83 Resp: 65730

Ion Ratio Lower Upper

83 100

85 61.0 48.5 90.1

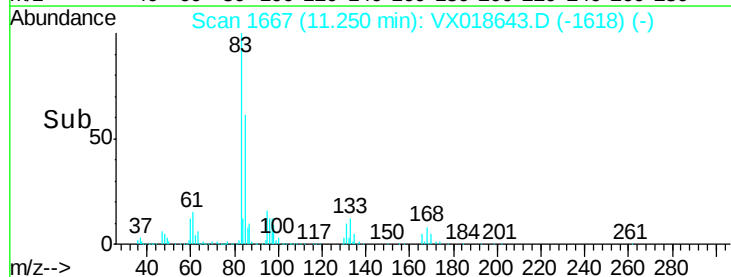
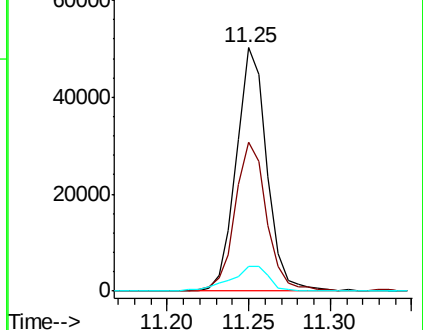
131 10.2 7.8 11.6

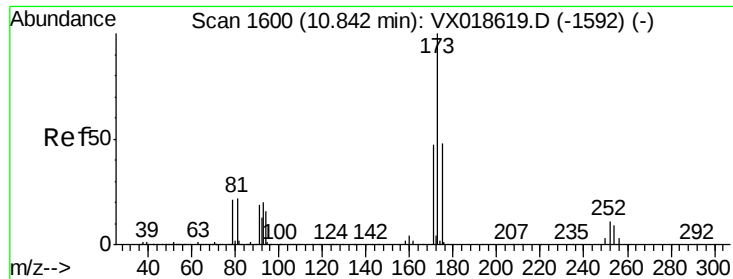


Abundance Ion 82.95 (82.65 to 83.65): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 130.95 (130.65 to 131.65): V





#62

Bromoform

Concen: 4.841 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

Instrument :

MSVOA_X

ClientSampleId :

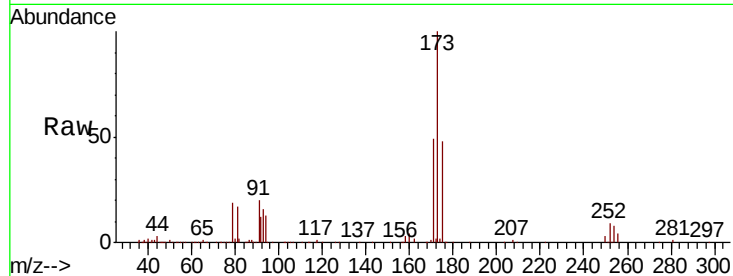
Tot Ion:173 Resp: 41769

Ion Ratio Lower Upper

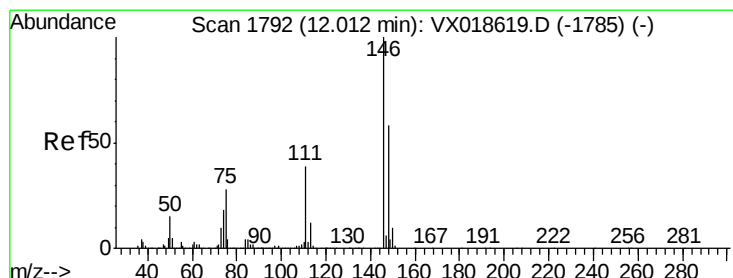
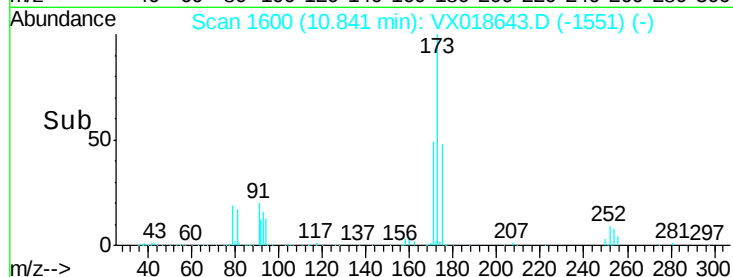
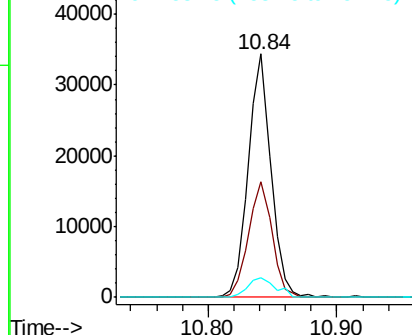
173 100

175 49.3 41.6 62.4

254 9.8 7.7 11.5



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#63

1,3-Dichlorobenzene

Concen: 4.995 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

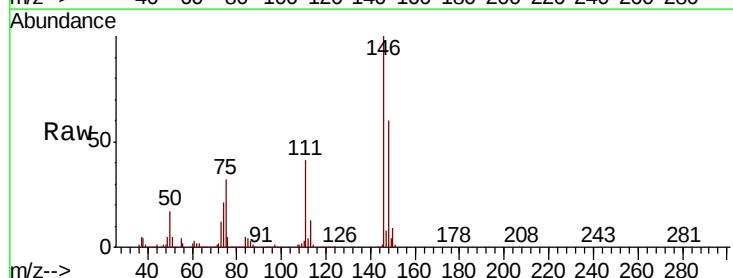
Tgt Ion:146 Resp: 175978

Ion Ratio Lower Upper

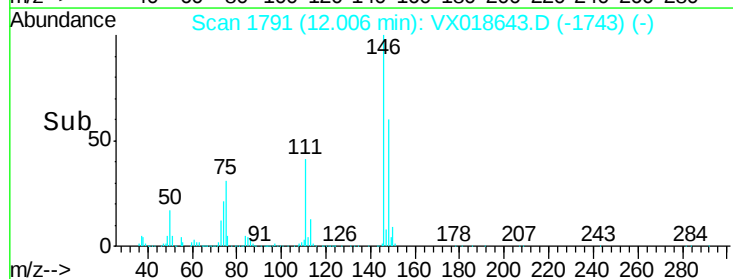
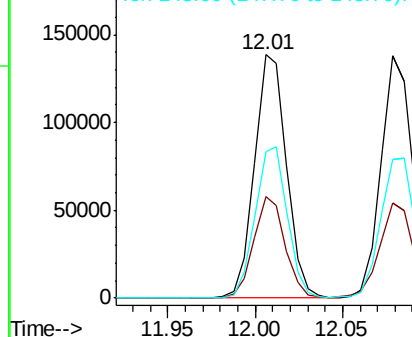
146 100

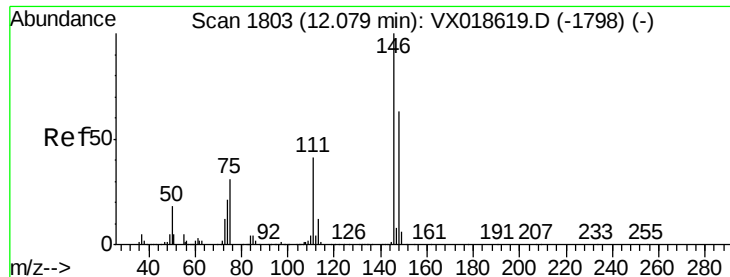
111 41.5 26.7 49.7

148 60.3 44.4 82.5



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

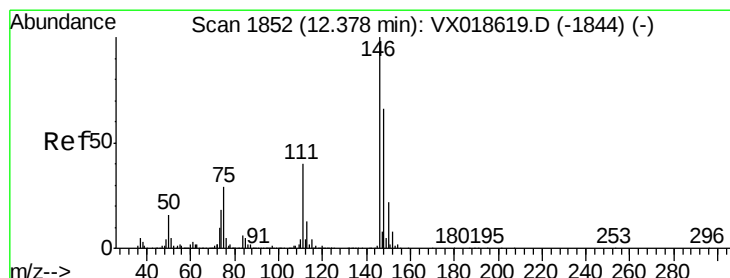
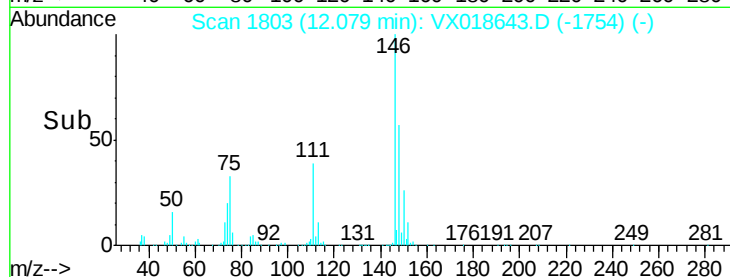
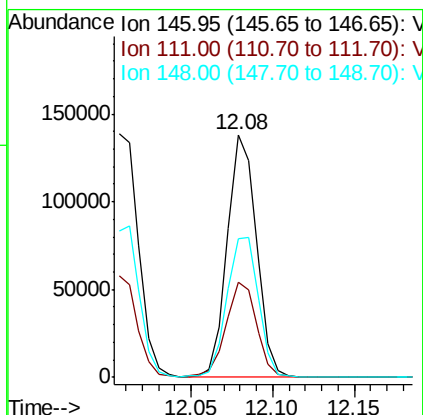
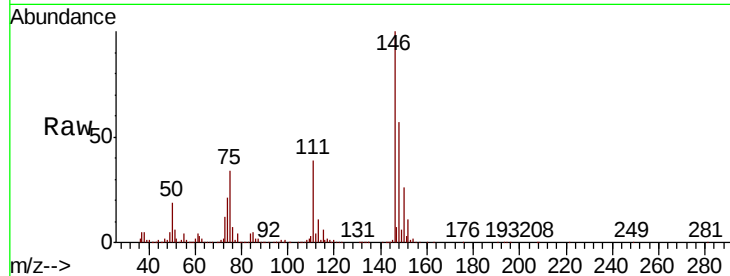




#64
 1,4-Dichlorobenzene
 Concen: 4.824 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

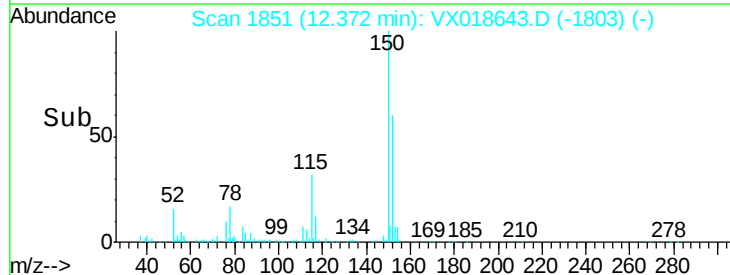
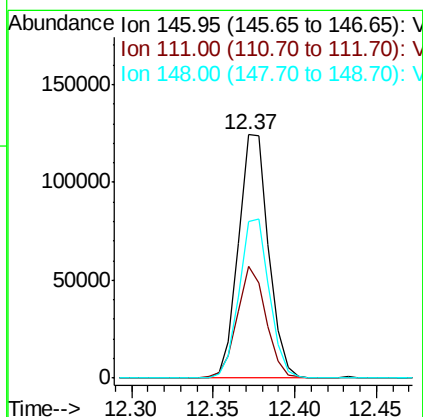
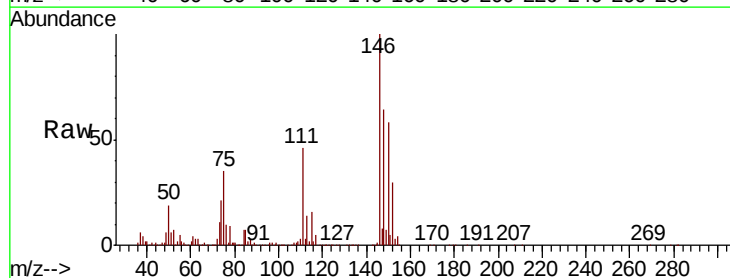
Instrument :
 MSVOA_X
 ClientSampled :

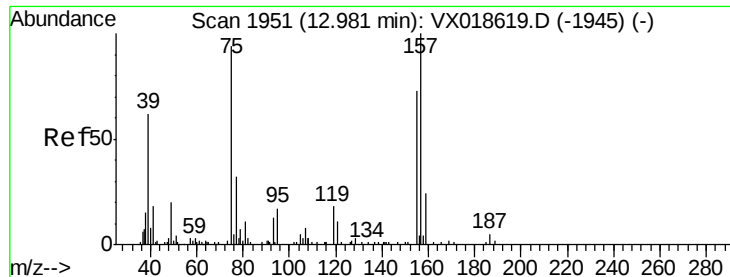
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	28.8	53.4
148	56.9	44.9	83.3



#66
 1,2-Dichlorobenzene
 Concen: 4.897 ug/L
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.9	33.6	50.4
148	64.3	53.4	80.2





#67

1,2-Dibromo-3-chloropropane

Concen: 4.363 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

Instrument :

MSVOA_X

ClientSampled :

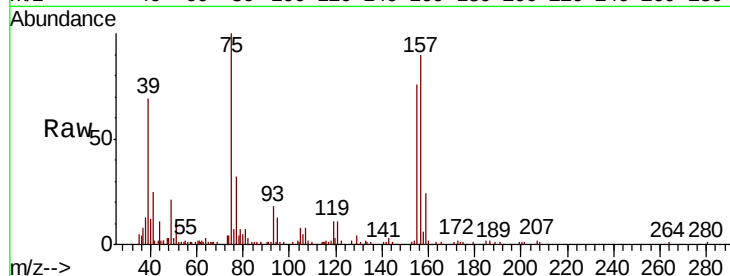
Tot Ion: 75 Resp: 12176

Ion Ratio Lower Upper

75 100

155 76.4 54.6 81.8

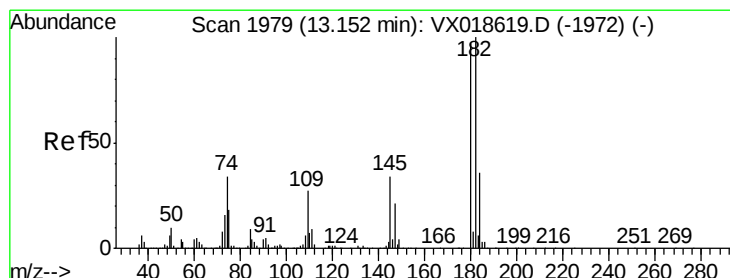
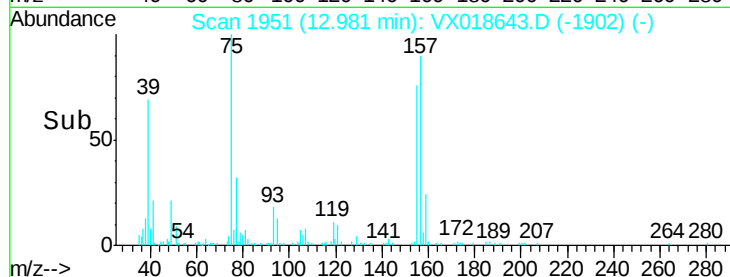
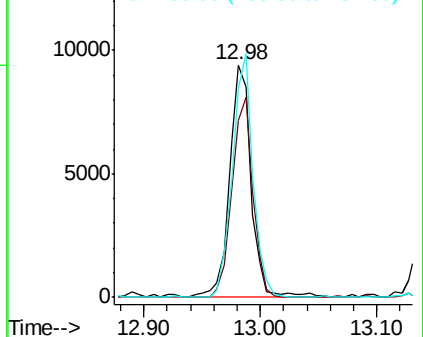
157 89.8 73.5 110.3



Abundance Ion 75.05 (74.75 to 75.75): VX018619.D (-1945) (-)

Ion 154.95 (154.65 to 155.65): VX018619.D (-1945) (-)

Ion 156.90 (156.60 to 157.60): VX018619.D (-1945) (-)



#68

1,3,5-Trichlorobenzene

Concen: 5.097 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VX018643.D

Acq: 29 Sep 2020 08:55

Tgt Ion: 180 Resp: 134821

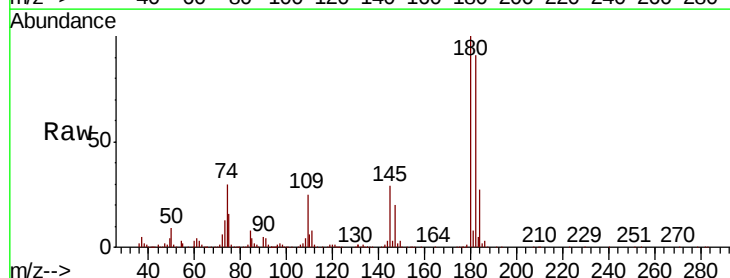
Ion Ratio Lower Upper

180 100

182 92.4 72.4 108.6

184 29.0 25.3 37.9

145 30.6 25.6 38.4

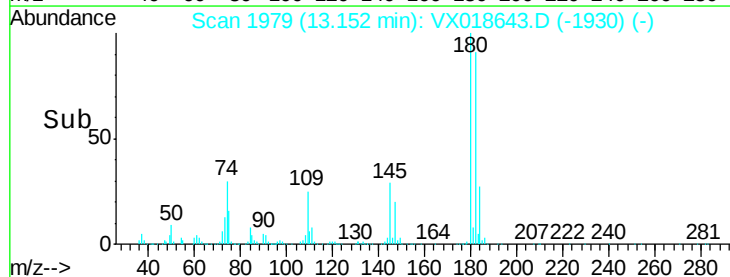
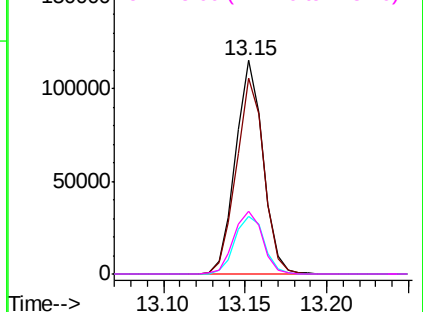


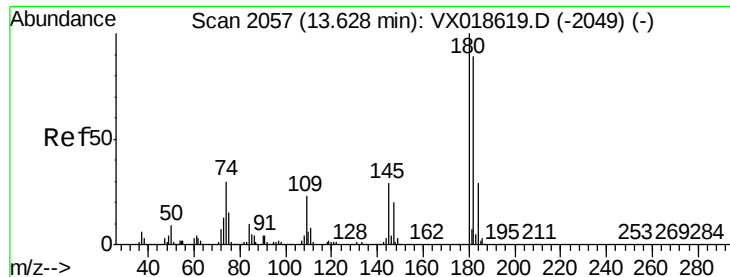
Abundance Ion 180.00 (179.70 to 180.70): VX018619.D (-1972) (-)

Ion 182.00 (181.70 to 182.70): VX018619.D (-1972) (-)

Ion 184.00 (183.70 to 184.70): VX018619.D (-1972) (-)

Ion 145.00 (144.70 to 145.70): VX018619.D (-1972) (-)

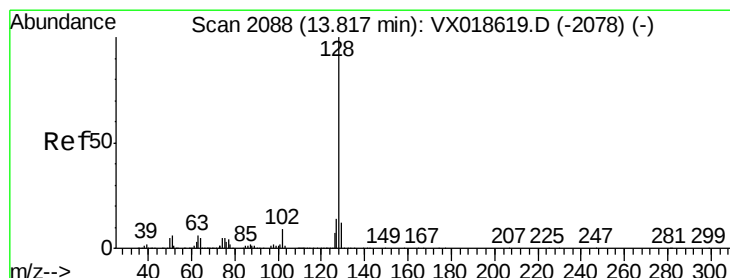
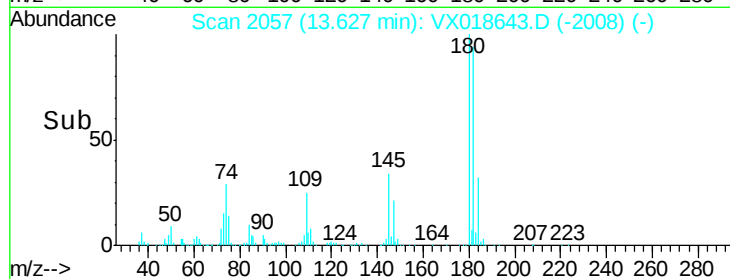
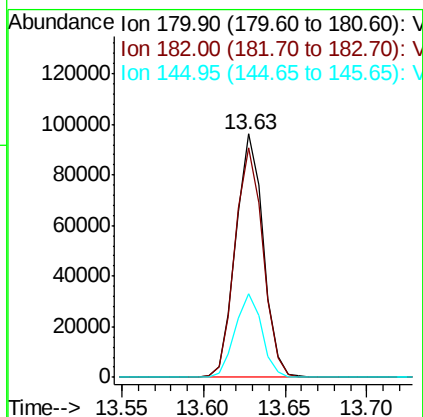
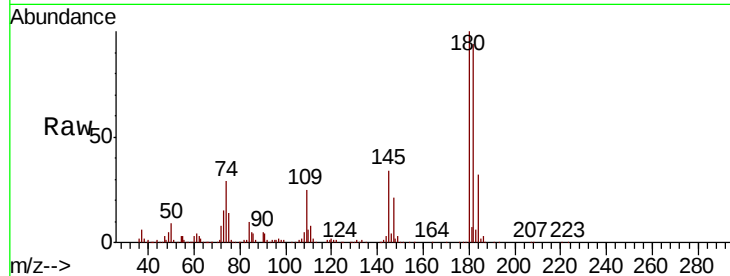




#69
1,2,4-trichlorobenzene
Concen: 5.217 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

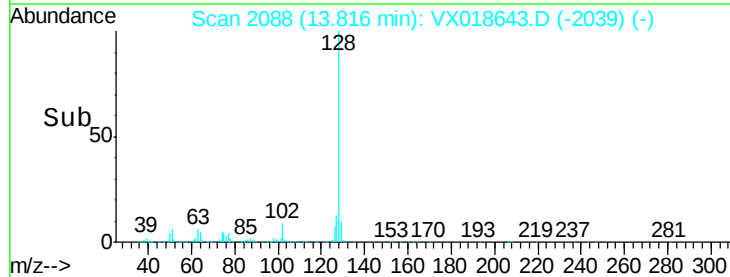
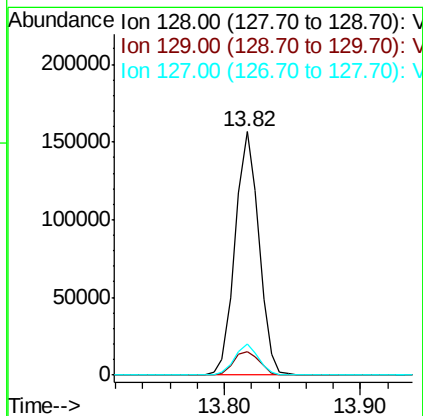
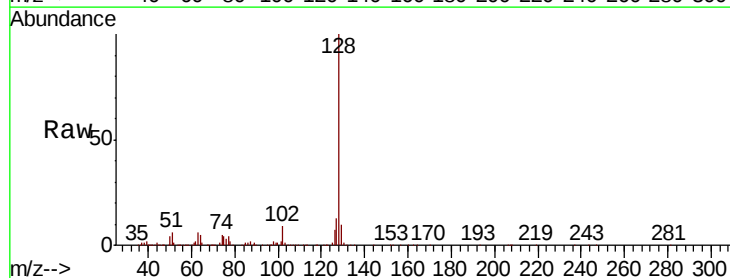
Instrument :
MSVOA_X
ClientSampleId :

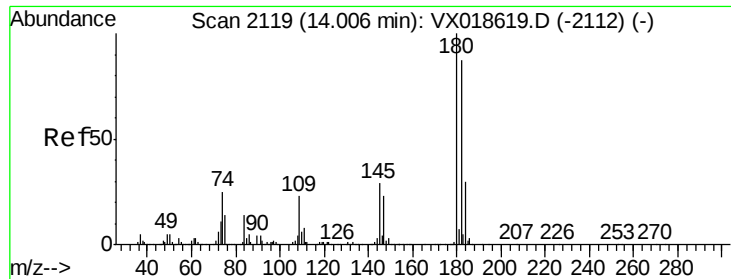
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	74.6	112.0
145	33.3	25.0	37.6



#70
Naphthalene
Concen: 5.216 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018643.D
Acq: 29 Sep 2020 08:55

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.0	10.7	16.1

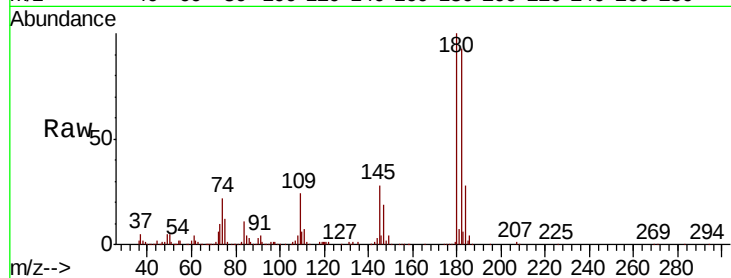




#71
 1,2,3-Trichlorobenzene
 Concen: 5.124 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX018643.D
 Acq: 29 Sep 2020 08:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.7	116.5
145	33.2	28.6	42.8



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

