

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018615.D
 Acq On : 28 Sep 2020 12:39
 Operator : JC/SP
 Sample : VSTD02061
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02061

Quant Time: Sep 29 00:17:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 00:09:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	278867	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	264185	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	138887	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	289671	19.85	ug/L	0.00
7) Chloroethane-d5	1.70	69	236743	19.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	651600	20.21	ug/L	0.00
20) 2-Butanone-d5	4.55	46	787587	211.66	ug/L	0.00
24) Chloroform-d	5.14	84	688933	19.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	363587	18.05	ug/L	0.00
32) Benzene-d6	6.05	84	1255535	20.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	371960	20.02	ug/L	0.00
41) Toluene-d8	8.70	98	1219157	20.09	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	169146	20.46	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	676713	228.66	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	281568	20.35	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	458956	20.22	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	339991	20.146 ug/L	99
3) Chloromethane	1.31	50	284727	19.753 ug/L	92
5) Vinyl chloride	1.39	62	304339	20.156 ug/L	95
6) Bromomethane	1.64	94	175459	19.438 ug/L	100
8) Chloroethane	1.72	64	170009	20.057 ug/L	99
9) Trichlorofluoromethane	1.92	101	533965	20.417 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	295946	20.615 ug/L	98
12) 1,1-Dichloroethene	2.36	96	266886	19.603 ug/L	95
13) Acetone	2.45	43	418029	202.966 ug/L	97
14) Carbon disulfide	2.55	76	831460	20.086 ug/L	99
15) Methyl Acetate	2.76	43	107449	18.849 ug/L	94
16) Methylene chloride	2.83	84	268258	14.421 ug/L	94
17) Methyl tert-butyl Ether	3.17	73	649180	21.425 ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	272717	20.041 ug/L	94
19) 1,1-Dichloroethane	3.67	63	499624	20.472 ug/L	99
21) 2-Butanone	4.65	43	694285	212.376 ug/L	# 60
22) cis-1,2-Dichloroethene	4.56	96	290636	20.468 ug/L	# 94
23) Bromochloromethane	4.98	128	131625	19.334 ug/L	92
25) Chloroform	5.17	83	533551	20.003 ug/L	94
27) 1,2-Dichloroethane	6.16	62	352483	20.891 ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	522449	20.762 ug/L	98
30) Cyclohexane	5.55	56	451133	22.538 ug/L	96
31) Carbon tetrachloride	5.76	117	488879	21.069 ug/L	99
33) Benzene	6.11	78	1091961	21.438 ug/L	100
34) Trichloroethene	7.19	95	306980	20.829 ug/L	91
35) Methylcyclohexane	7.44	83	467012	22.780 ug/L	94
37) 1,2-Dichloropropane	7.49	63	273147	20.096 ug/L	# 97
38) Bromodichloromethane	7.88	83	384366	20.949 ug/L	97
39) cis-1,3-Dichloropropene	8.42	75	429679	22.292 ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	1685849	223.795 ug/L	99

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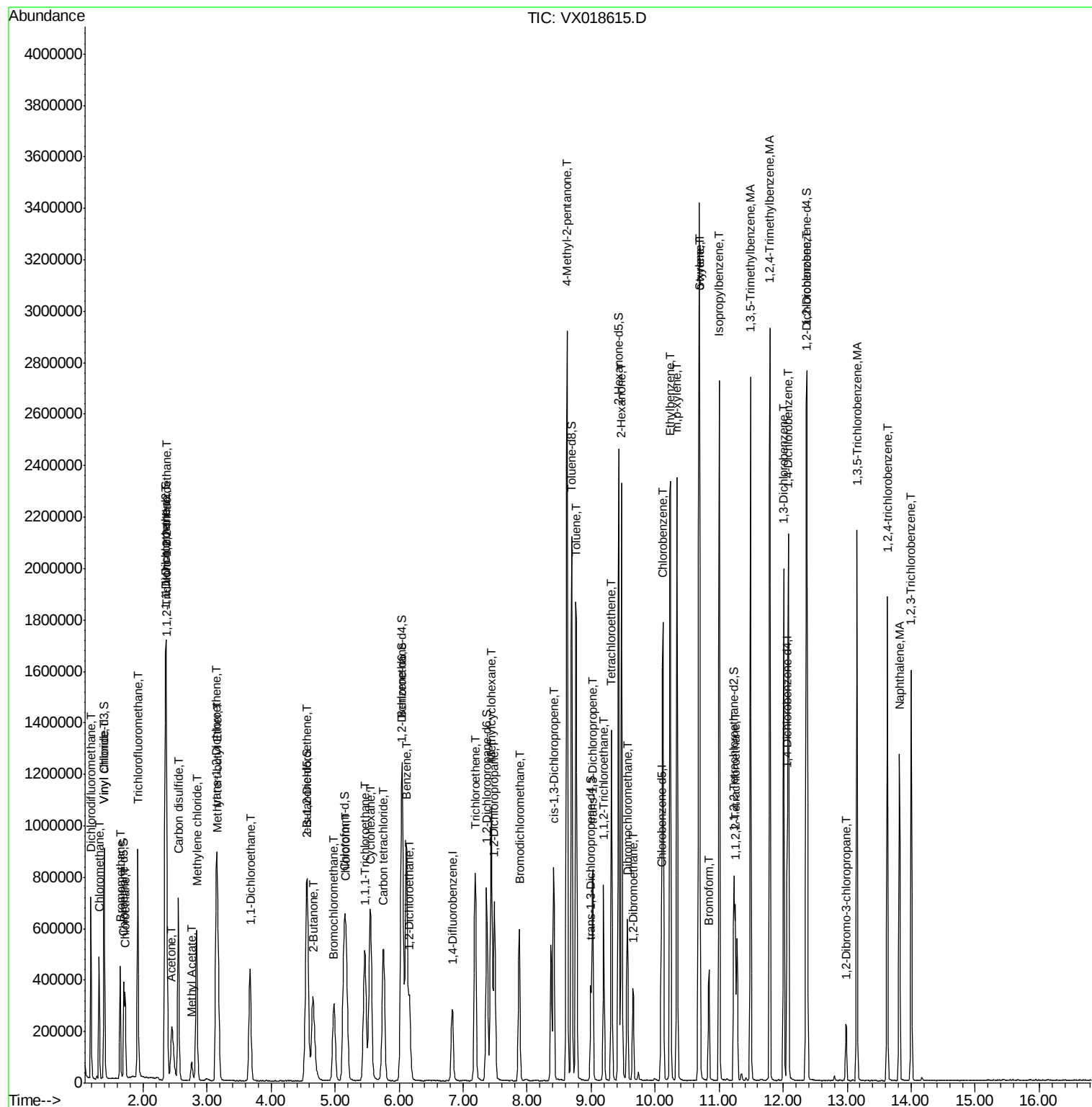
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	1203055	21.866	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	1176932	24.467	ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	1204086	25.020	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	386195	21.968	ug/L	97
47) 1,1,2-Trichloroethane	9.20	97	196918	20.191	ug/L	94
49) Tetrachloroethene	9.32	164	252706	21.777	ug/L	94
50) 2-Hexanone	9.48	43	1236249	231.854	ug/L	99
51) Dibromochloromethane	9.57	129	272688	21.367	ug/L	99
52) 1,2-Dibromoethane	9.65	107	189821	20.892	ug/L #	90
53) Chlorobenzene	10.12	112	768484	21.144	ug/L	97
54) Ethylbenzene	10.24	91	1357447	22.650	ug/L	98
55) m,p-xylene	10.34	106	520658	22.721	ug/L	97
56) o-xylene	10.68	106	501492	23.161	ug/L	87
57) Styrene	10.70	104	855075	23.920	ug/L	99
58) Isopropylbenzene	11.00	105	1379419	23.761	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	229090	20.798	ug/L	94
62) Bromoform	10.84	173	157604	21.314	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	652910	21.626	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	634029	20.789	ug/L	100
66) 1,2-Dichlorobenzene	12.38	146	589065	20.942	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.98	75	48005	20.071	ug/L	92
68) 1,3,5-Trichlorobenzene	13.15	180	489616	21.600	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	417655	22.477	ug/L	97
70) Naphthalene	13.82	128	747358	23.794	ug/L	99
71) 1,2,3-Trichlorobenzene	14.01	180	369147	21.984	ug/L	98

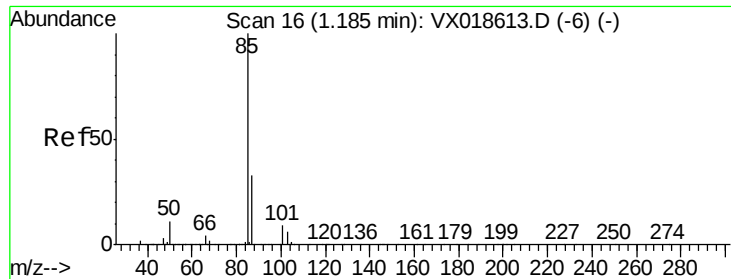
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#2

Dichlorodifluoromethane

Concen: 20.146 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

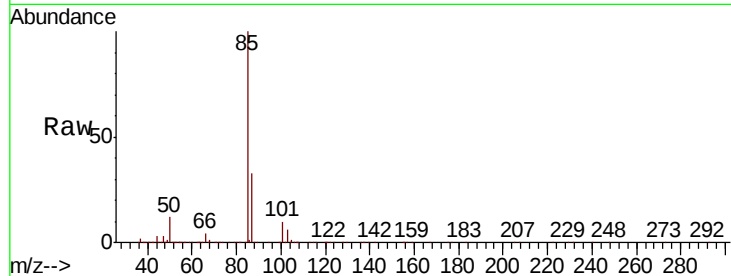
VSTD02061

Tot Ion: 85 Resp: 339991

Ion Ratio Lower Upper

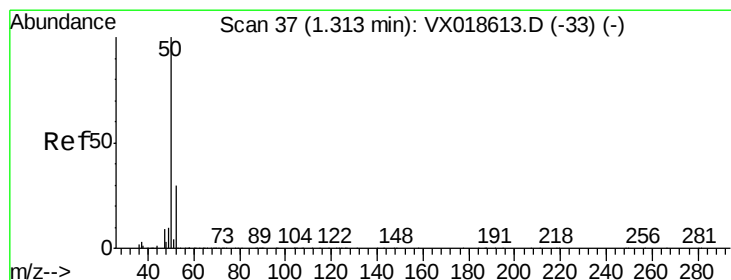
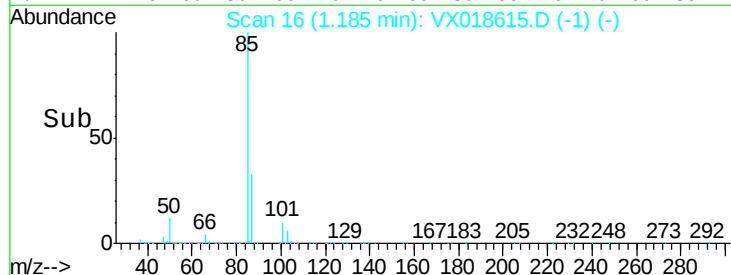
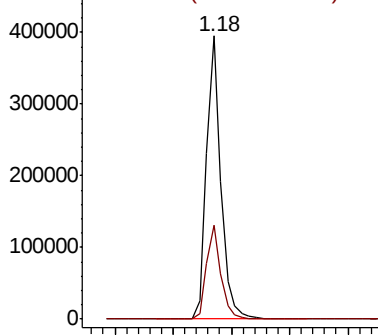
85 100

87 33.4 26.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 19.753 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018615.D

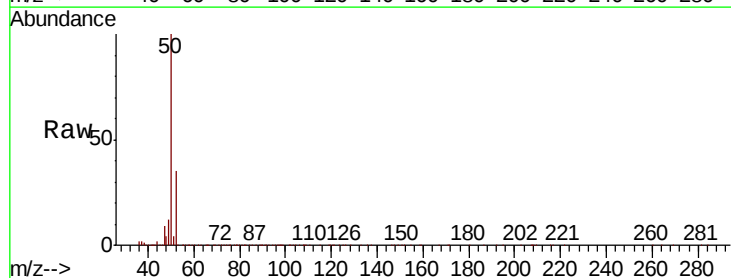
Acq: 28 Sep 2020 12:39

Tgt Ion: 50 Resp: 284727

Ion Ratio Lower Upper

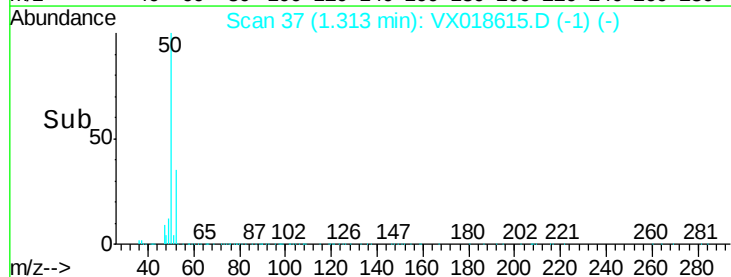
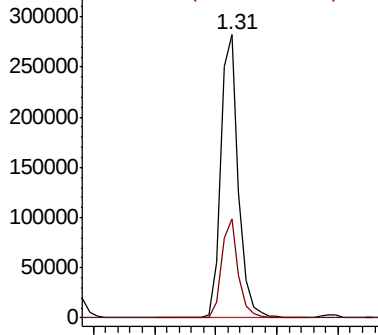
50 100

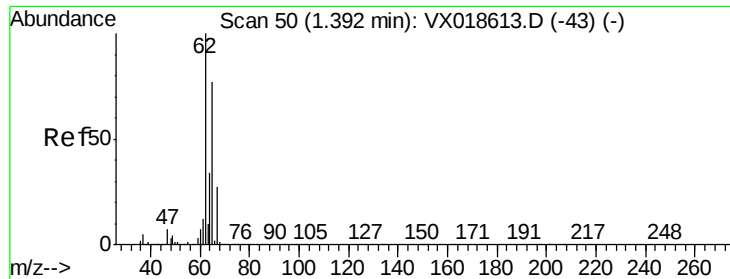
52 34.8 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0





#5

Vinyl chloride

Concen: 20.156 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

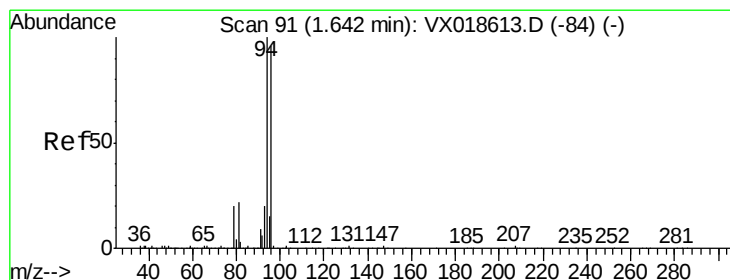
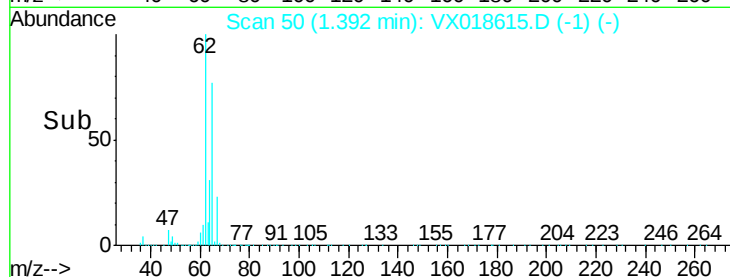
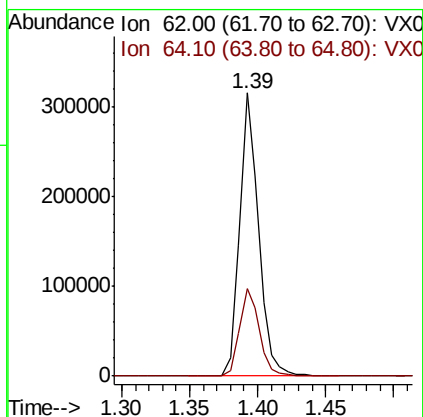
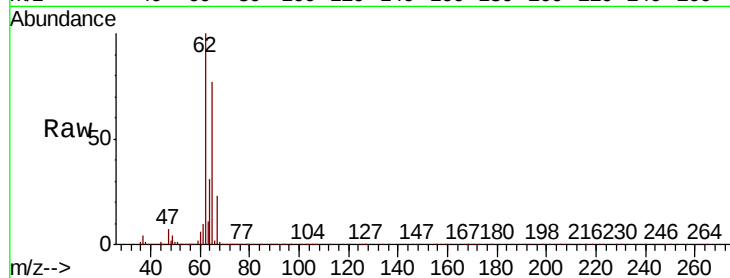
VSTD02061

Tot Ion: 62 Resp: 304339

Ion Ratio Lower Upper

62 100

64 31.1 23.6 43.8



#6

Bromomethane

Concen: 19.438 ug/L

RT: 1.64 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX018615.D

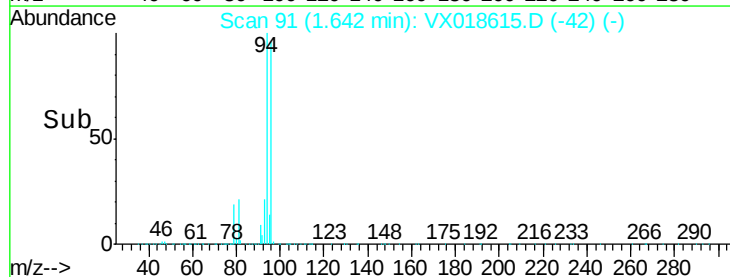
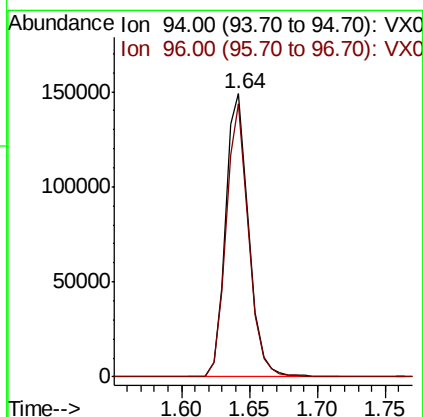
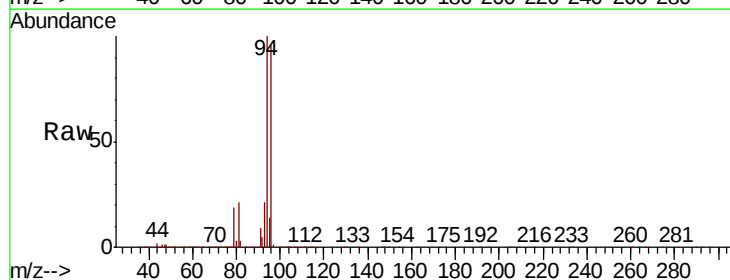
Acq: 28 Sep 2020 12:39

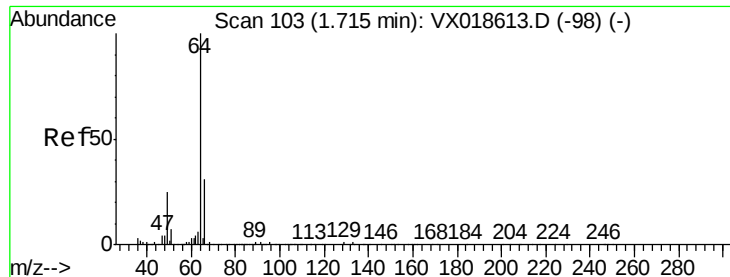
Tgt Ion: 94 Resp: 175459

Ion Ratio Lower Upper

94 100

96 96.4 67.8 125.8

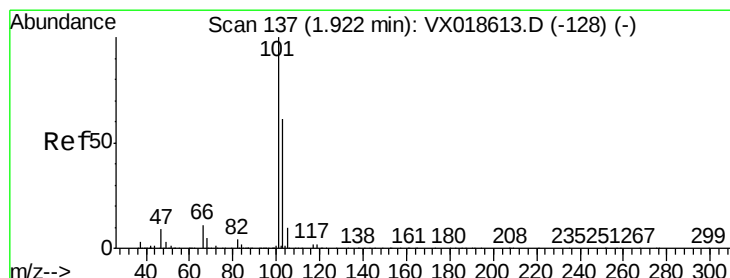
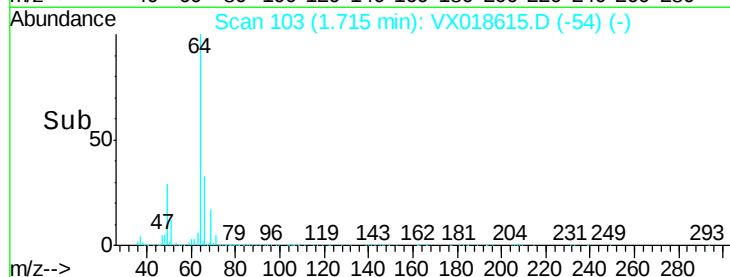
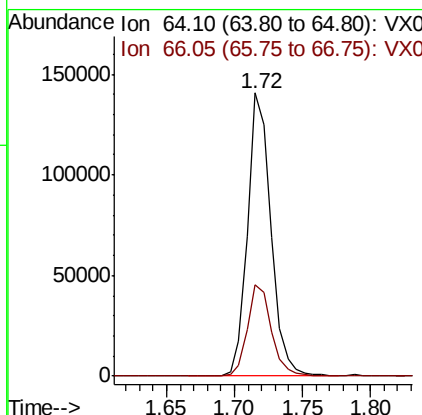
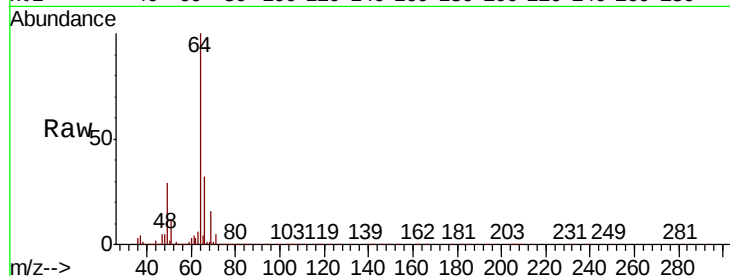




#8
Chloroethane
Concen: 20.057 ug/L
RT: 1.72 min Scan# 103
Delta R.T. -0.00 min
Lab File: VX018615.D
Acq: 28 Sep 2020 12:39

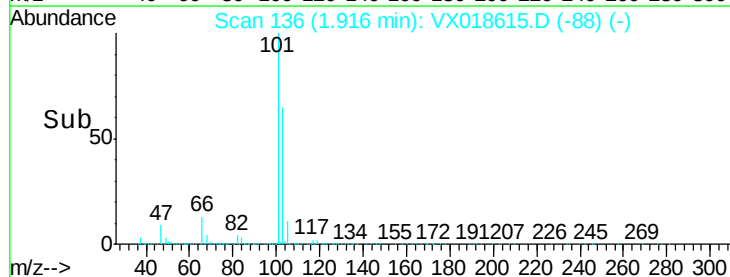
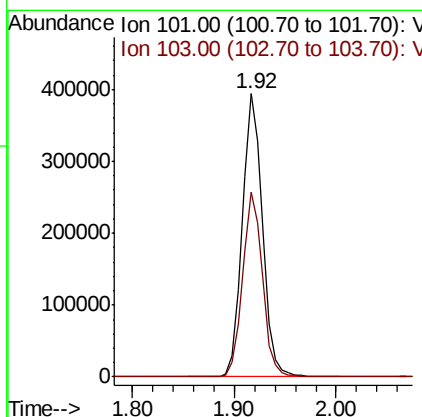
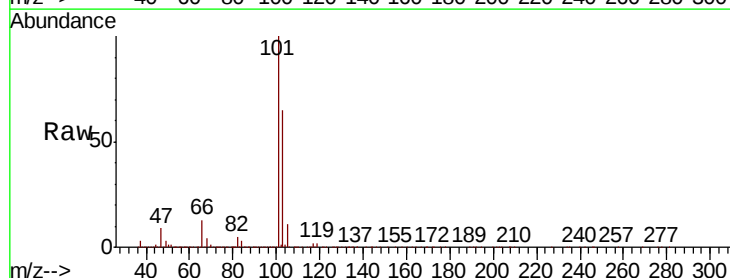
Instrument :
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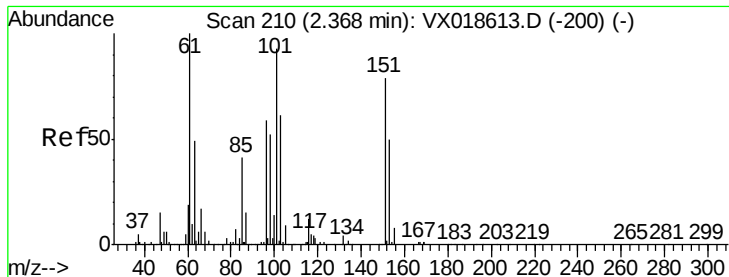
Tot Ion: 64 Resp: 170009
Ion Ratio Lower Upper
64 100
66 32.2 22.3 41.3



#9
Trichlorofluoromethane
Concen: 20.417 ug/L
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018615.D
Acq: 28 Sep 2020 12:39

Tgt Ion: 101 Resp: 533965
Ion Ratio Lower Upper
101 100
103 64.3 49.8 74.6





#10

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

Concen: 20.615 ug/L

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD02061

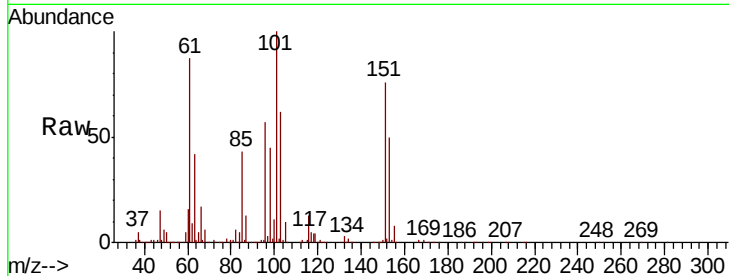
Tot Ion:101 Resp: 295946

Ion Ratio Lower Upper

101 100

85 44.2 36.1 54.1

151 79.2 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

200000

150000

100000

50000

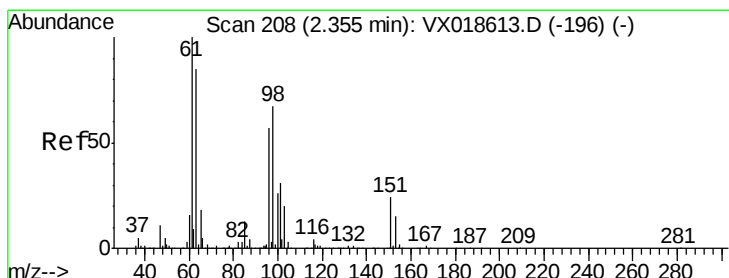
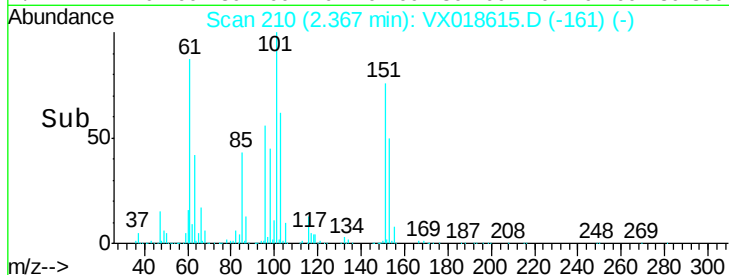
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2.37

2.30

2.40

Time-->



#12

1,1-Dichloroethene

Concen: 19.603 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

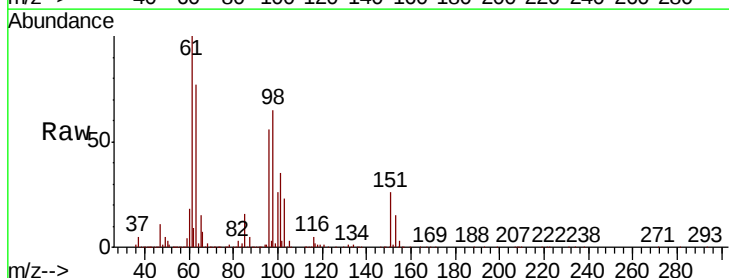
Tgt Ion: 96 Resp: 266886

Ion Ratio Lower Upper

96 100

61 177.4 123.8 229.8

63 135.9 104.7 194.4



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

500000

400000

300000

200000

100000

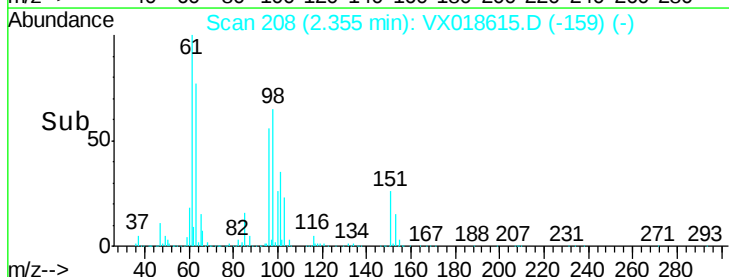
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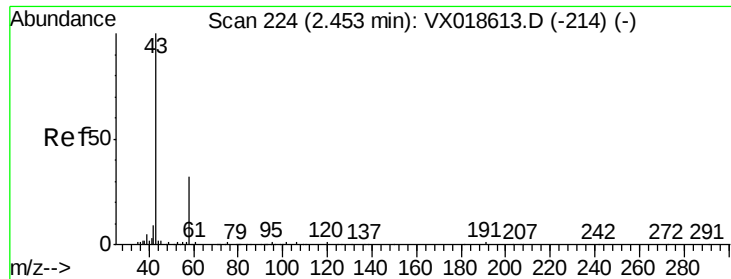
2.36

2.30

2.40

Time-->





#13

Acetone

Concen: 202.966 ug/L

RT: 2.45 min Scan# 223

Delta R.T. -0.01 min

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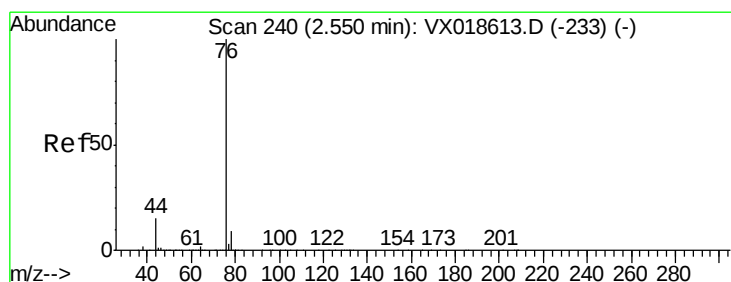
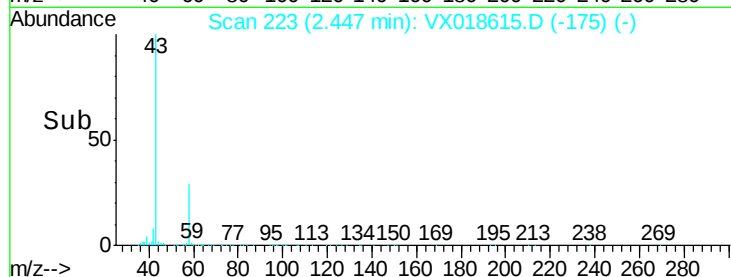
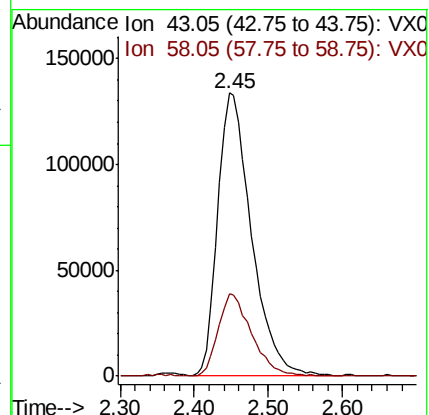
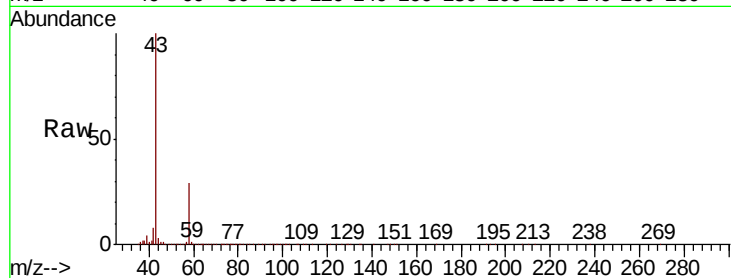
VSTD02061

Tot Ion: 43 Resp: 418029

Ion Ratio Lower Upper

43 100

58 29.1 0.0 61.6



#14

Carbon disulfide

Concen: 20.086 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018615.D

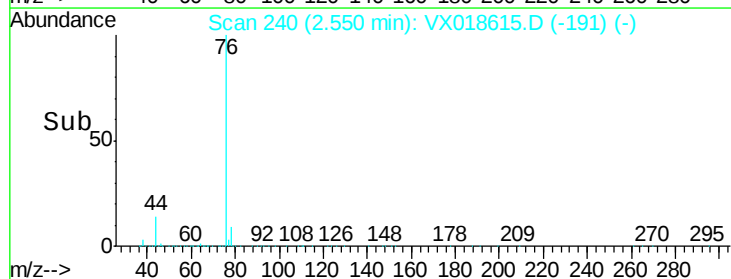
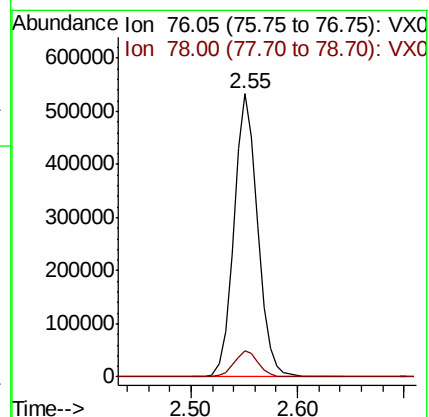
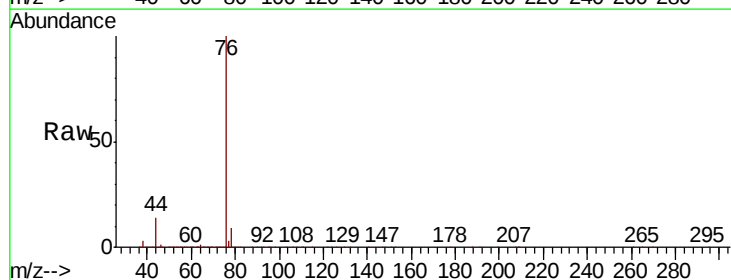
Acq: 28 Sep 2020 12:39

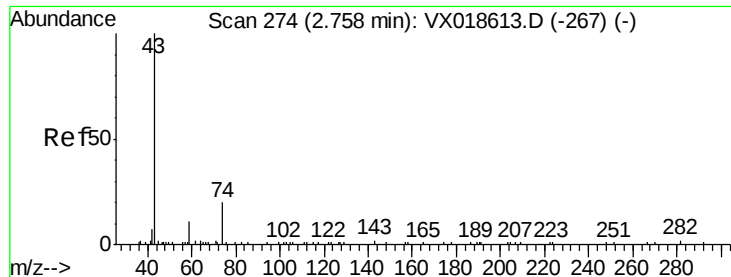
Tgt Ion: 76 Resp: 831460

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

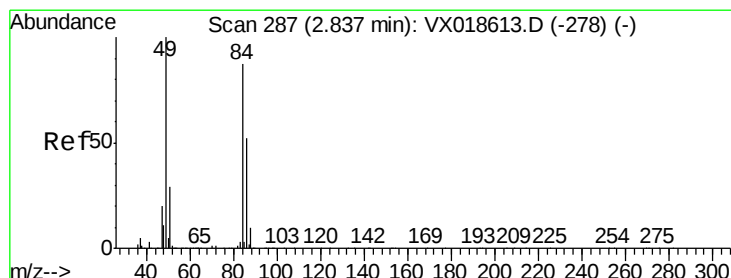
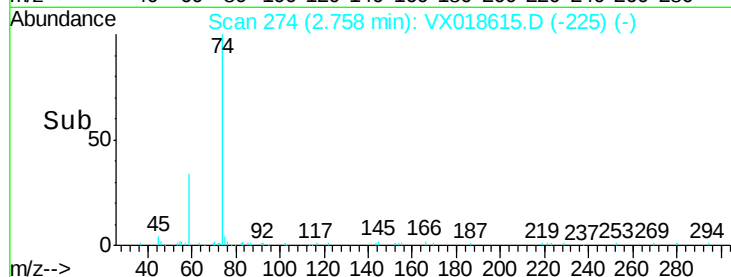
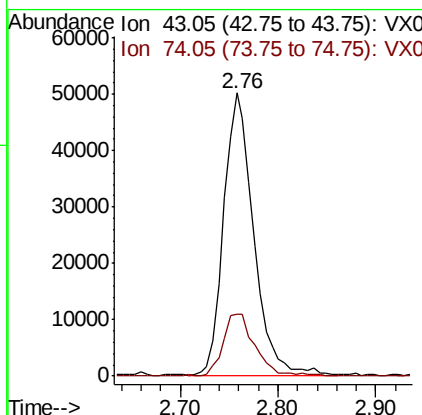
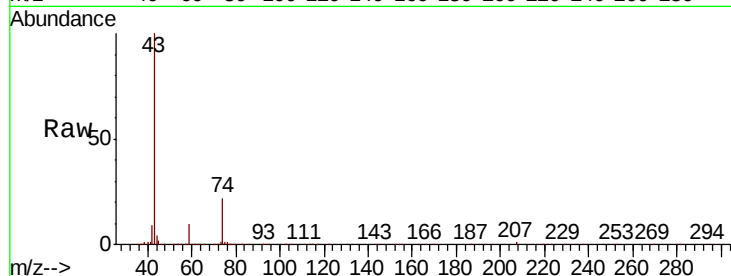




#15
Methvl Acetate
Concen: 18.849 ug/L
RT: 2.76 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX018615.D
Acq: 28 Sep 2020 12:39

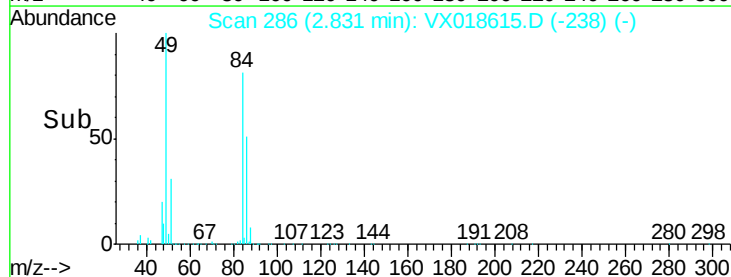
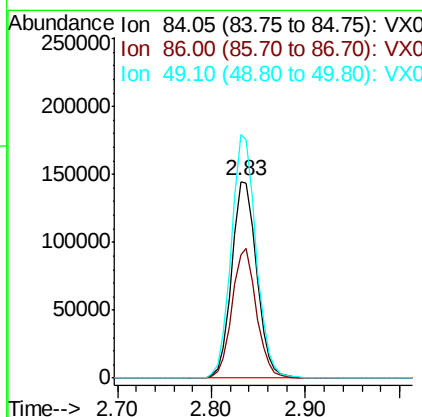
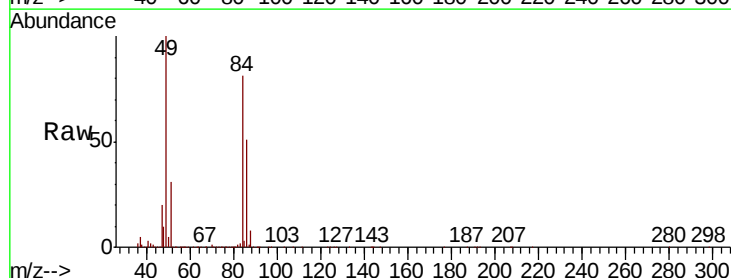
Instrument :
MSVOA_X
ClientSampleId :
VSTD02061

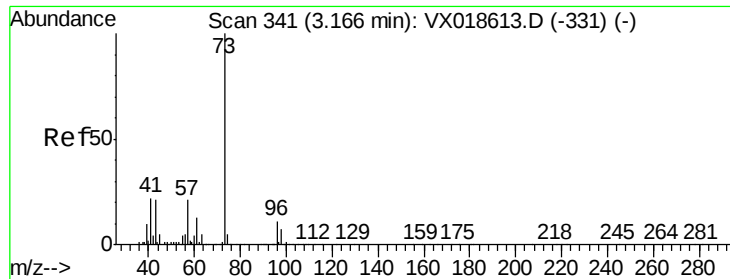
Tot Ion: 43 Resp: 107449
Ion Ratio Lower Upper
43 100
74 23.7 21.2 31.8



#16
Methylene chloride
Concen: 14.421 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018615.D
Acq: 28 Sep 2020 12:39

Tgt Ion: 84 Resp: 268258
Ion Ratio Lower Upper
84 100
86 62.8 41.9 77.7
49 123.7 80.8 150.2

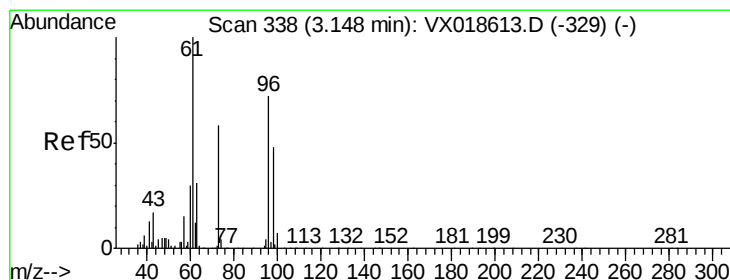
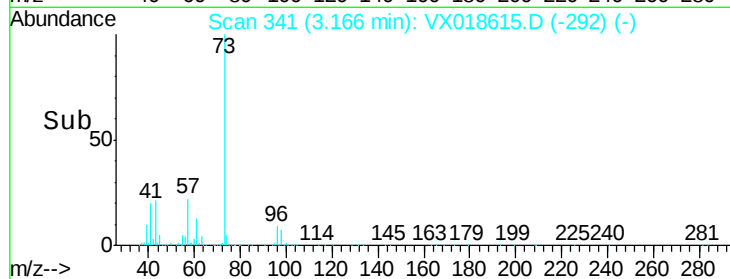
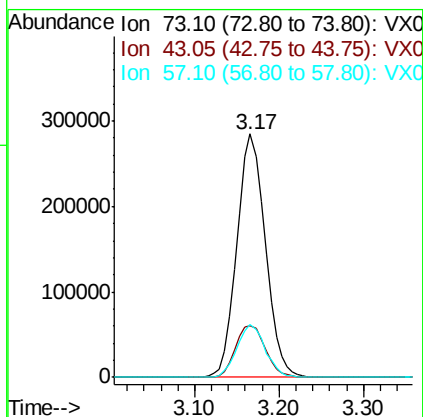
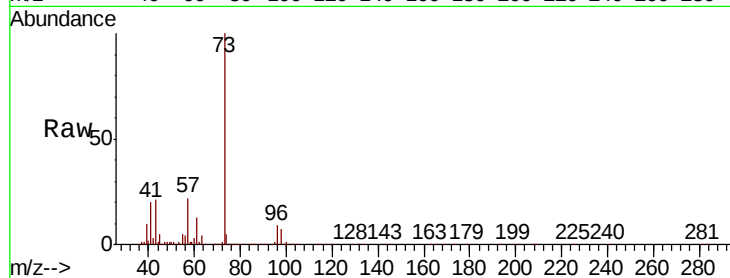




#17
Methvl tert-butvl Ether
Concen: 21.425 ug/L
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018615.D
Acq: 28 Sep 2020 12:39

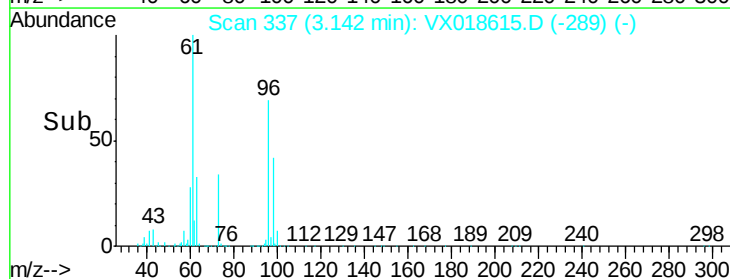
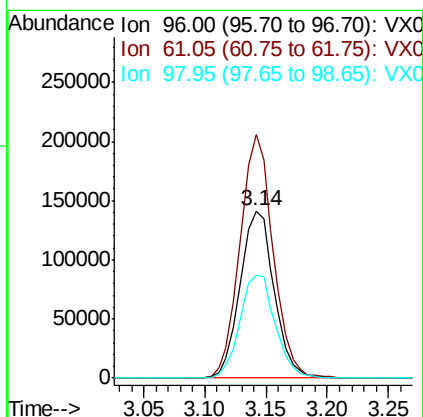
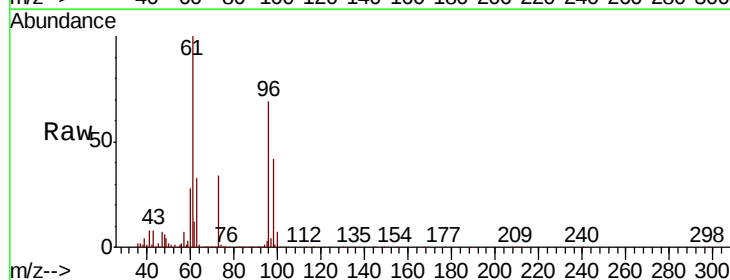
Instrument :
MSVOA_X
ClientSampleId :
VSTD02061

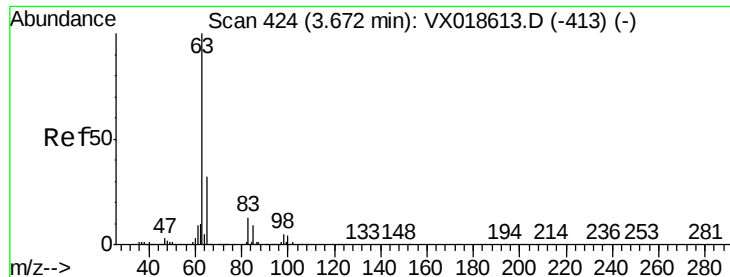
Tot Ion	Ratio	Lower	Upper
73	100		
43	22.4	18.6	27.8
57	21.6	17.3	25.9



#18
trans-1,2-Dichloroethene
Concen: 20.041 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX018615.D
Acq: 28 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.9	97.3	180.7
98	61.3	46.6	86.6

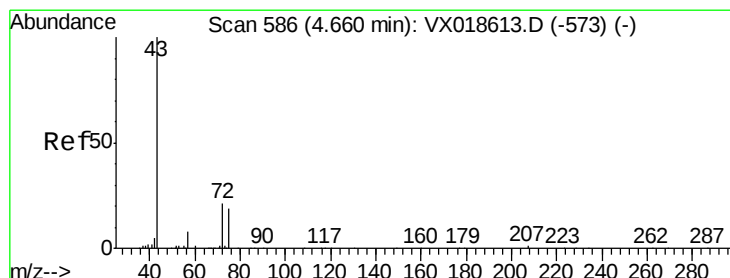
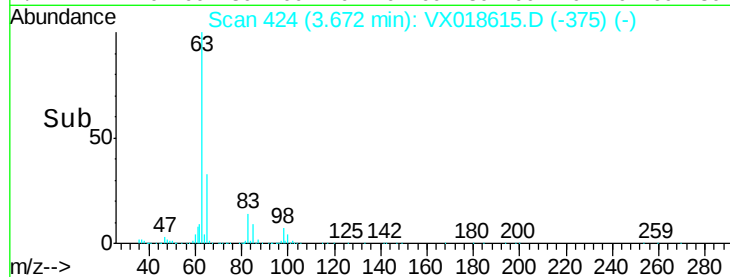
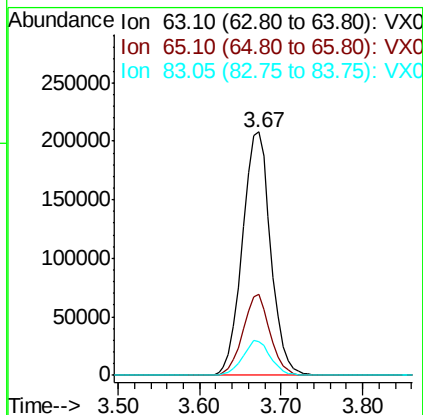
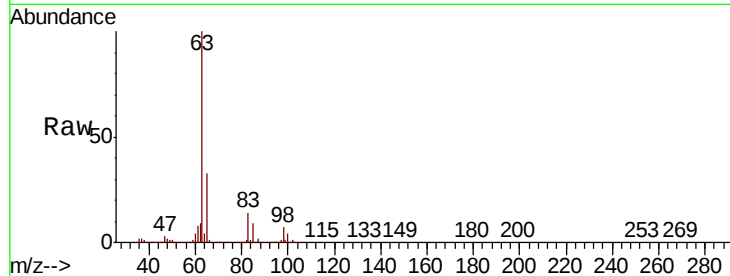




#19
 1,1-Dichloroethane
 Concen: 20.472 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

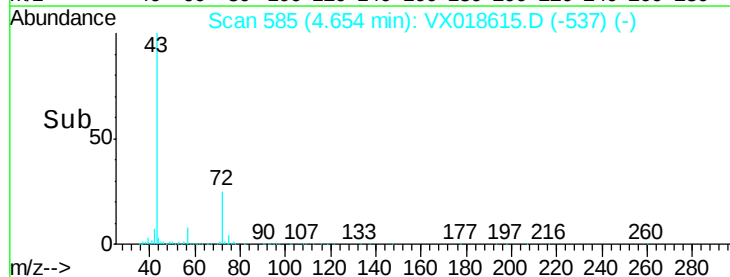
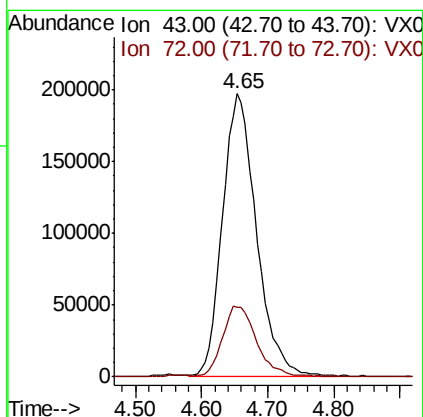
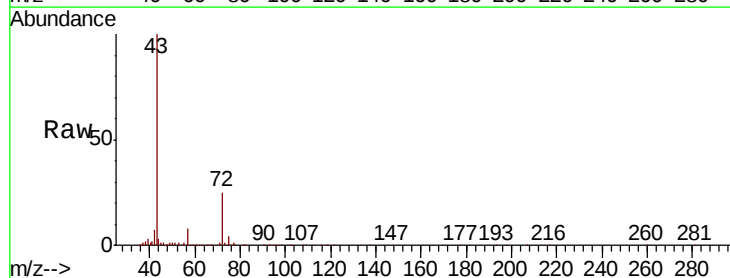
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD02061

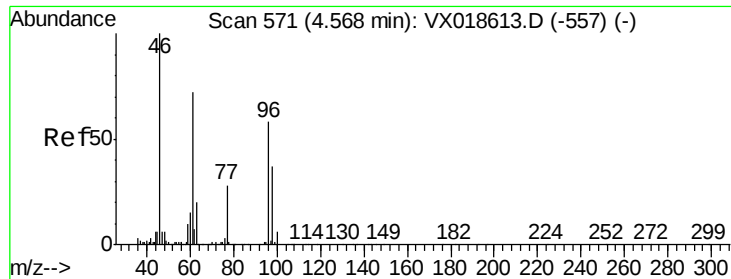
Tot Ion:	63	Resp:	499624
Ion	Ratio	Lower	Upper
63	100		
65	33.1	22.7	42.1
83	13.8	9.3	17.3



#21
 2-Butanone
 Concen: 212.376 ug/L
 RT: 4.65 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

Tgt Ion:	43	Resp:	694285
Ion	Ratio	Lower	Upper
43	100		
72	25.5	5.2	15.6#



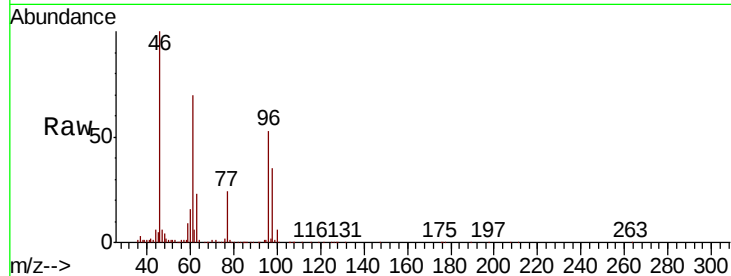


#22

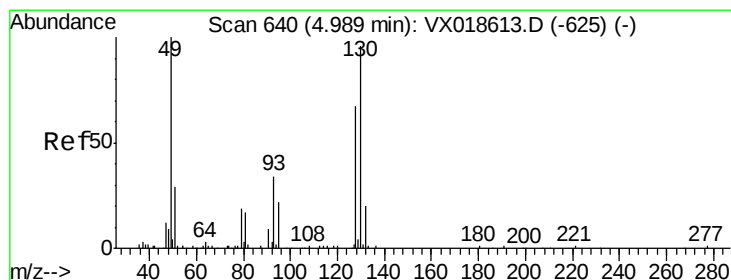
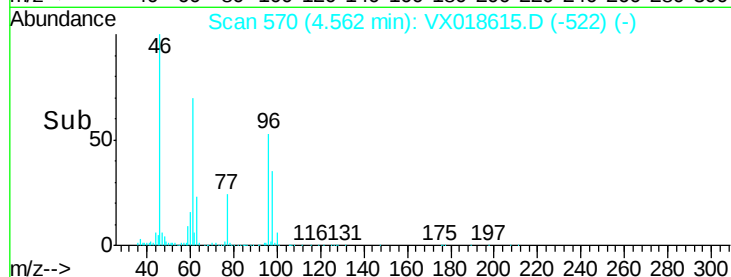
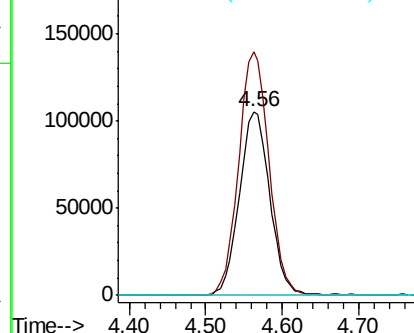
cis-1,2-Dichloroethene
 Concen: 20.468 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02061

Tot Ion: 96 Resp: 290636
 Ion Ratio Lower Upper
 96 100
 61 132.3 87.7 162.9
 68 0.2 0.3 0.7#



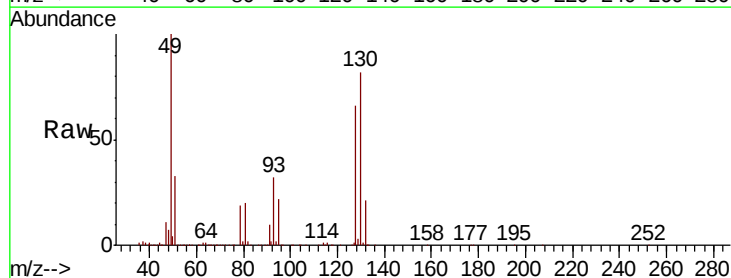
Abundance Ion 96.00 (95.70 to 96.70): VX0
 Ion 61.05 (60.75 to 61.75): VX0
 Ion 68.15 (67.85 to 68.85): VX0



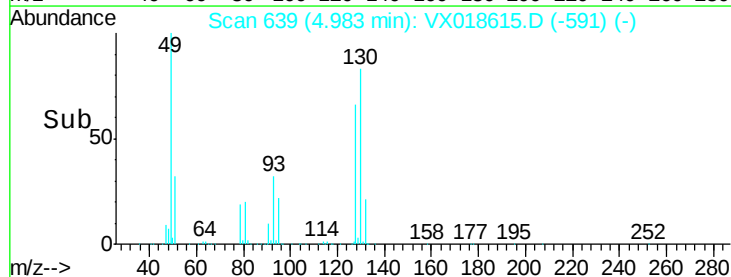
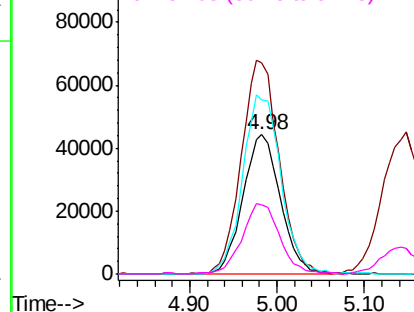
#23

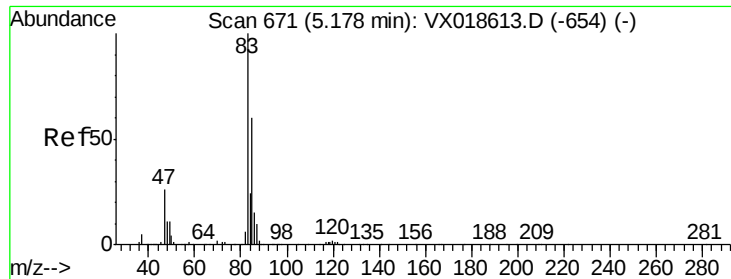
Bromochloromethane
 Concen: 19.334 ug/L
 RT: 4.98 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

Tgt Ion: 128 Resp: 131625
 Ion Ratio Lower Upper
 128 100
 49 151.8 105.2 195.4
 130 125.2 100.6 186.8
 51 50.0 35.8 53.8



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





#25

Chloroform

Concen: 20.003 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

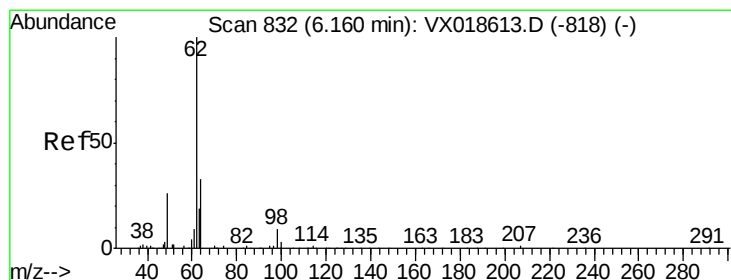
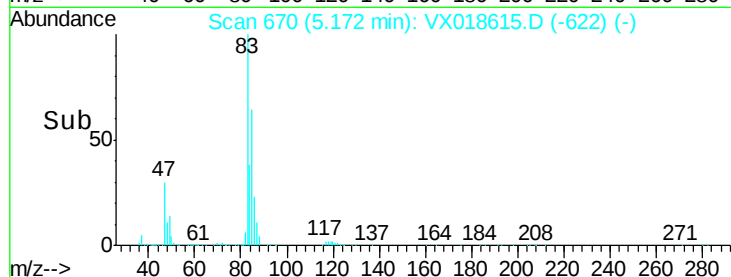
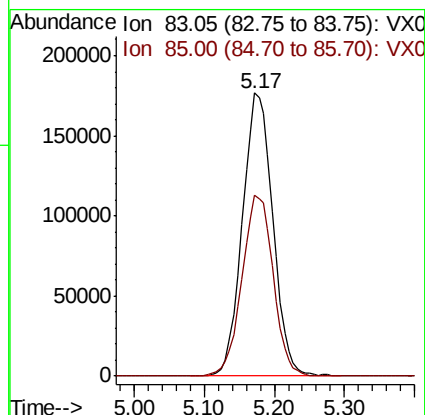
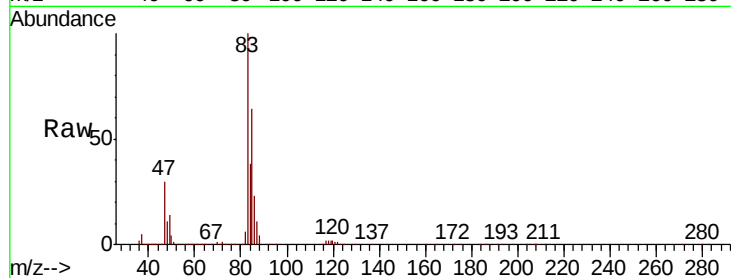
VSTD02061

Tot Ion: 83 Resp: 533551

Ion Ratio Lower Upper

83 100

85 63.9 41.8 77.6



#27

1,2-Dichloroethane

Concen: 20.891 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX018615.D

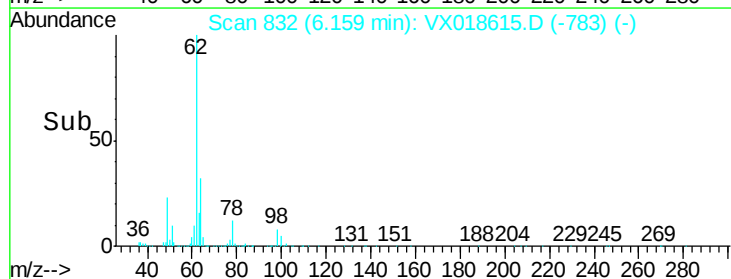
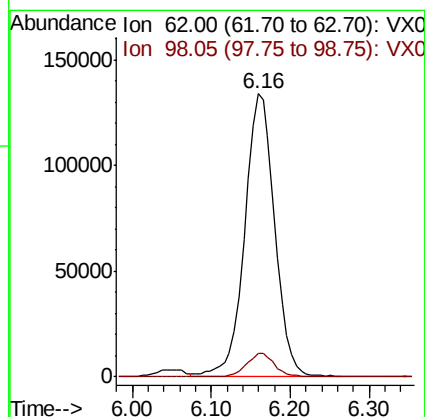
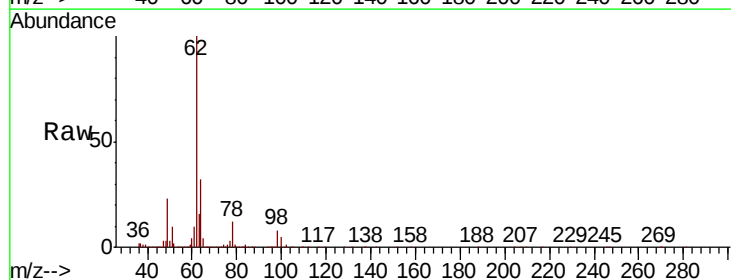
Acq: 28 Sep 2020 12:39

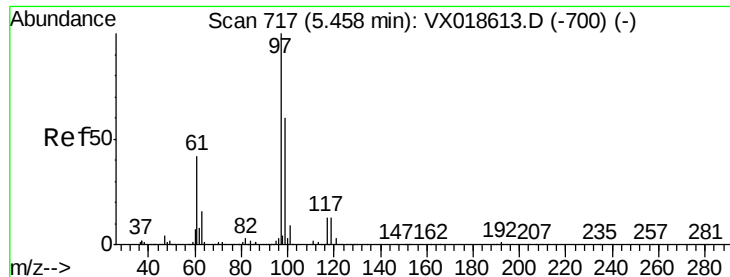
Tgt Ion: 62 Resp: 352483

Ion Ratio Lower Upper

62 100

98 8.1 7.0 10.4

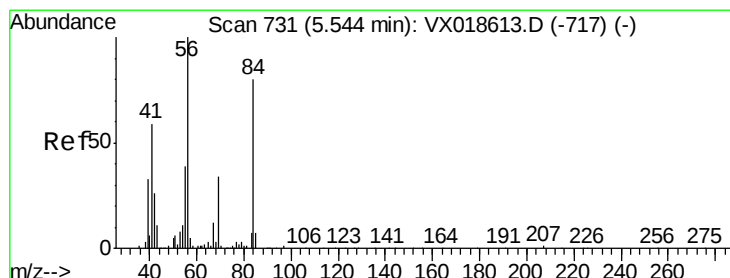
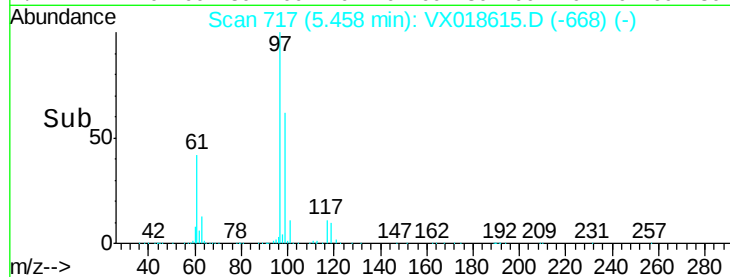
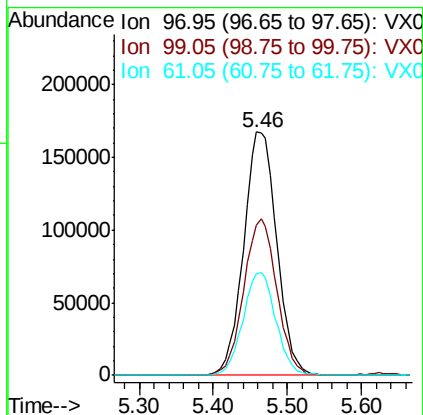
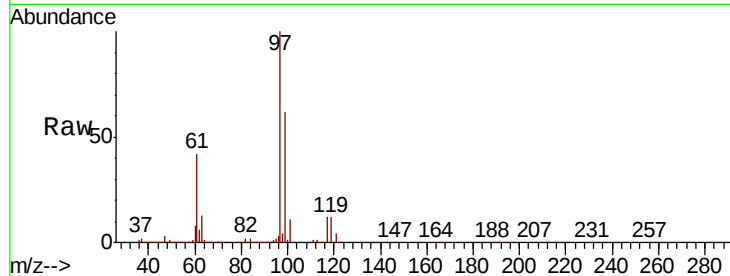




#29
 1,1,1-Trichloroethane
 Concen: 20.762 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

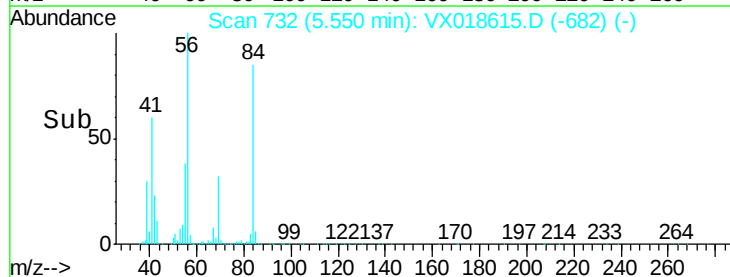
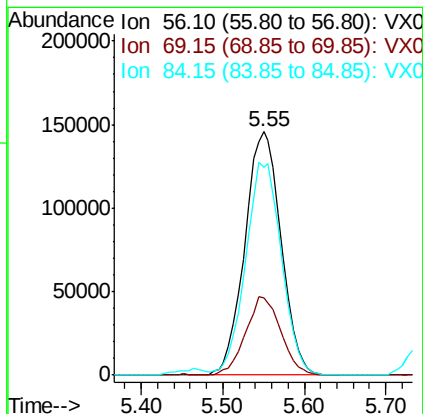
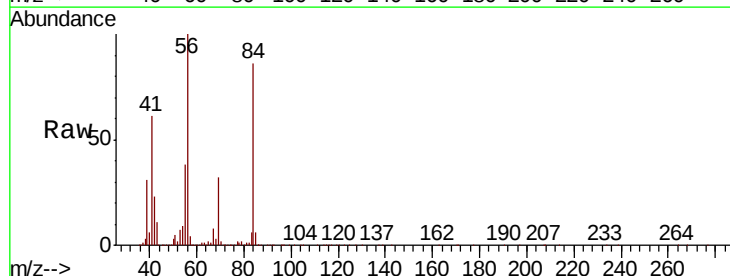
Instrument :
 MSVOA_X
 ClientSampled :
 VSTD02061

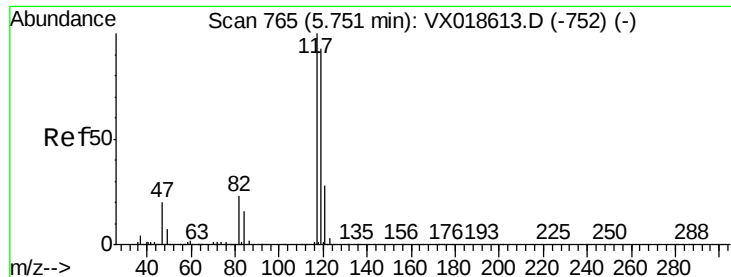
Tot Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.0	75.0
61	41.9	33.9	50.9



#30
 Cyclohexane
 Concen: 22.538 ug/L
 RT: 5.55 min Scan# 732
 Delta R.T. 0.01 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.4	26.4	39.6
84	86.7	72.7	109.1





#31

Carbon tetrachloride

Concen: 21.069 ug/L

RT: 5.76 min Scan# 766

Delta R.T. 0.01 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

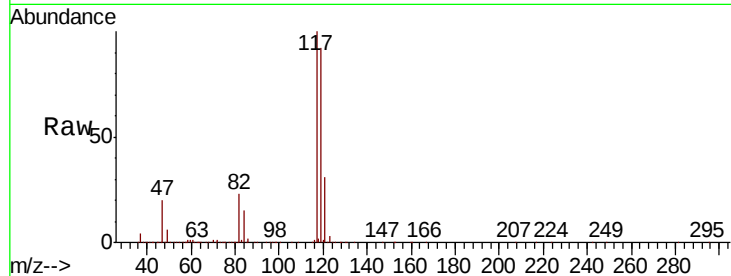
VSTD02061

Tot Ion:117 Resp: 488879

Ion Ratio Lower Upper

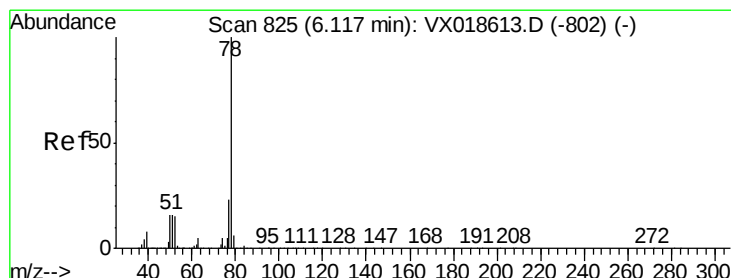
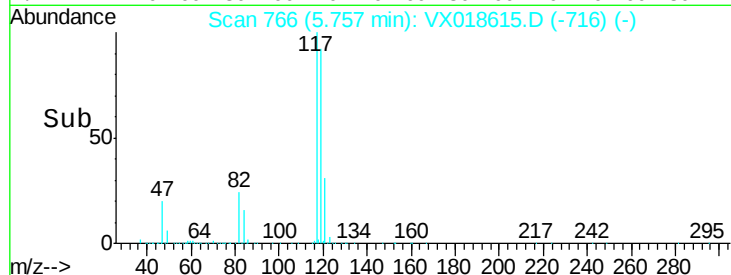
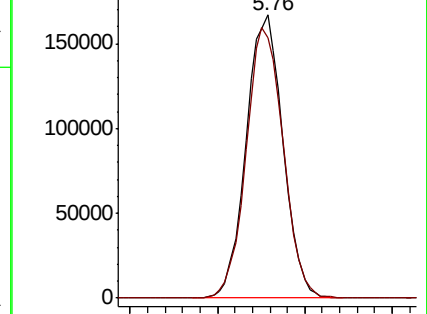
117 100

119 96.2 76.3 114.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 21.438 ug/L

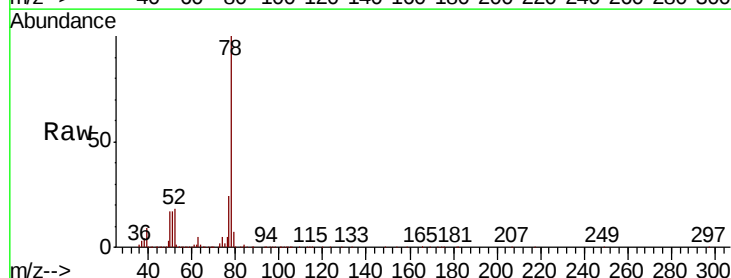
RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

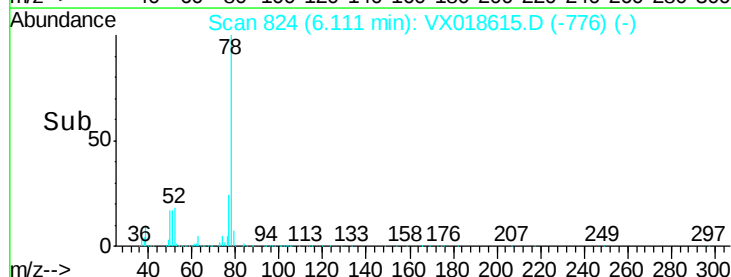
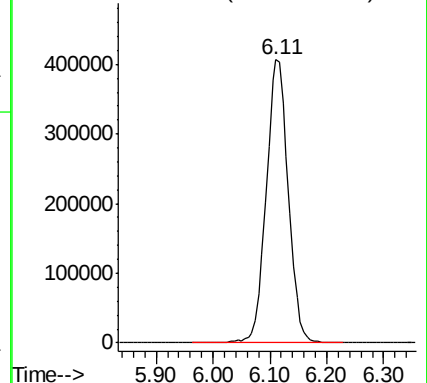
Lab File: VX018615.D

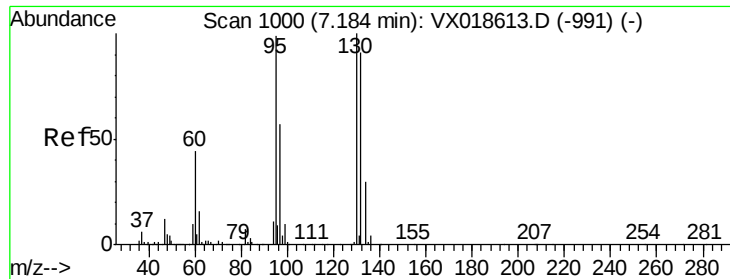
Acq: 28 Sep 2020 12:39

Tgt Ion: 78 Resp: 1091961



Abundance Ion 78.10 (77.80 to 78.80): VX0

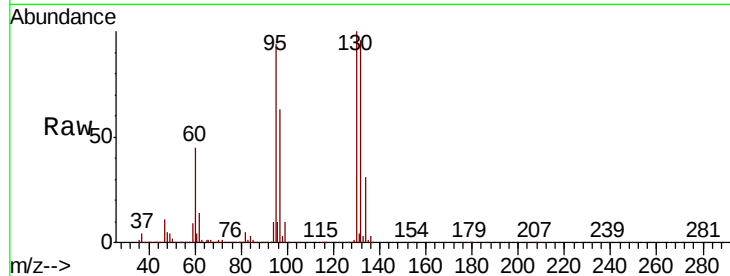




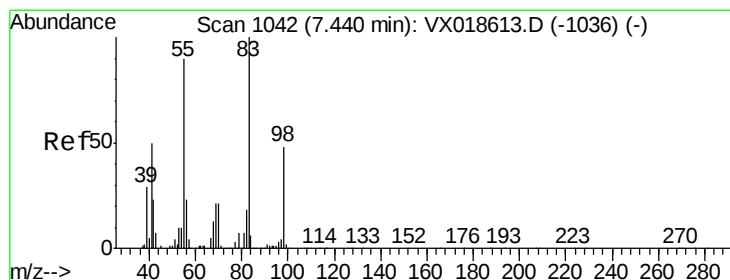
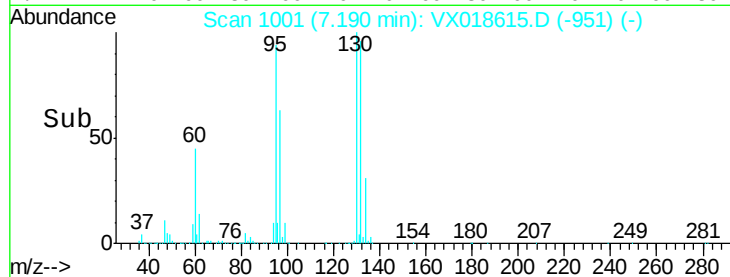
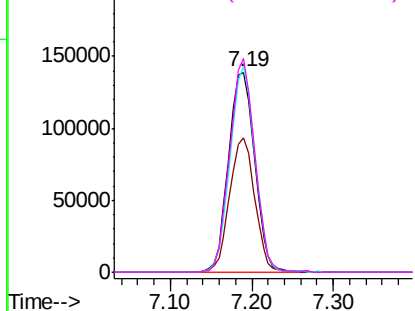
#34
 Trichloroethene
 Concen: 20.829 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02061

Tot Ion: 95 Resp: 306980
 Ion Ratio Lower Upper
 95 100
 97 67.3 40.6 75.4
 132 102.8 64.3 119.5
 130 106.8 70.6 131.0

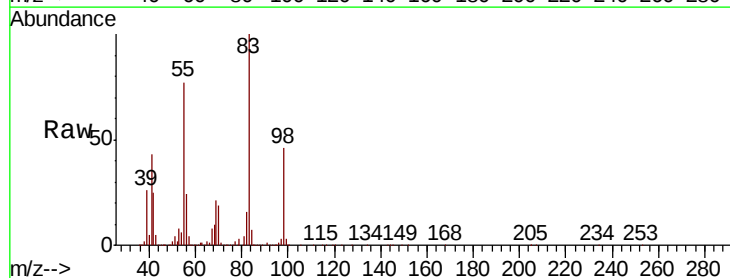


Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 96.95 (96.65 to 97.65): VX0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

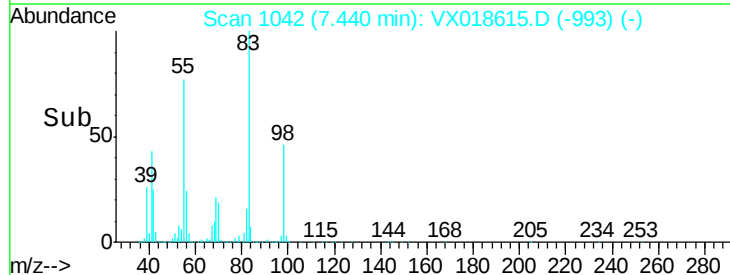
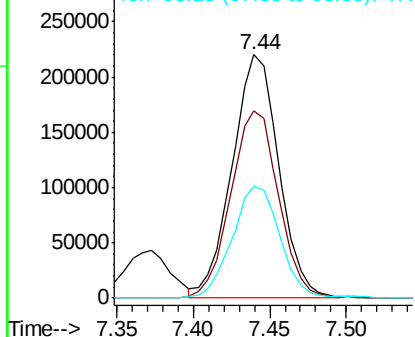


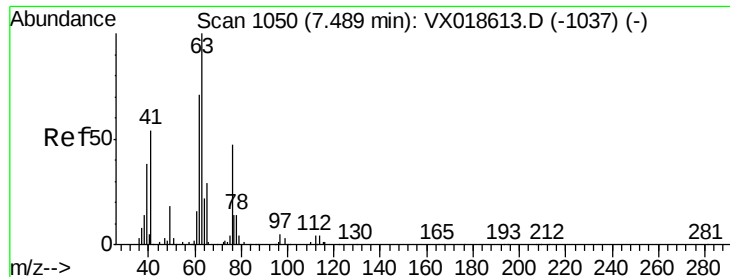
#35
 Methylcyclohexane
 Concen: 22.780 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

Tgt Ion: 83 Resp: 467012
 Ion Ratio Lower Upper
 83 100
 55 78.6 67.4 101.0
 98 47.6 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: 20.096 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampled :

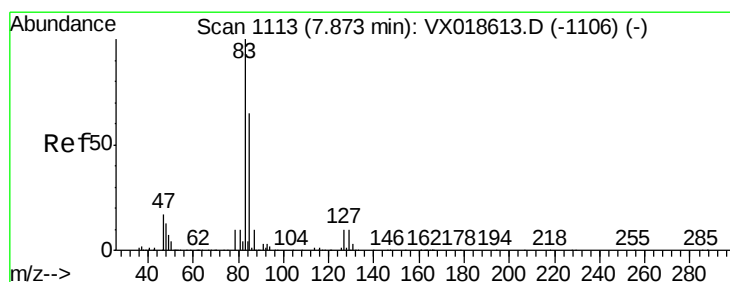
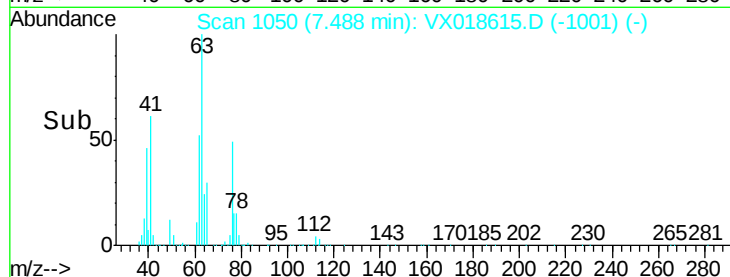
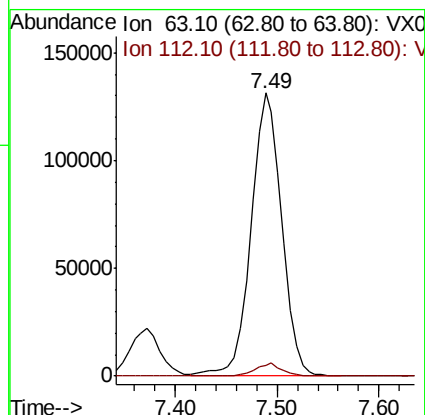
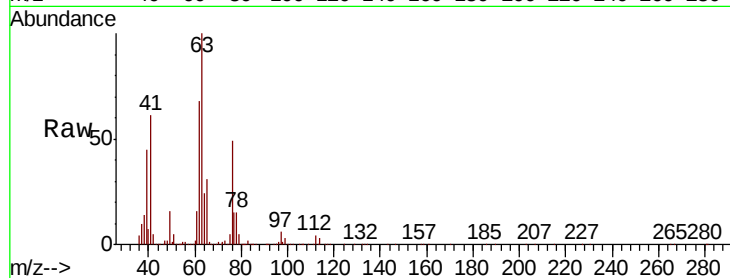
VSTD02061

Tot Ion: 63 Resp: 273147

Ion Ratio Lower Upper

63 100

112 4.0 4.1 6.1#



#38

Bromodichloromethane

Concen: 20.949 ug/L

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

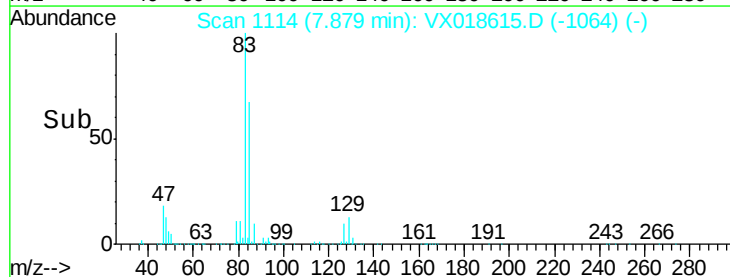
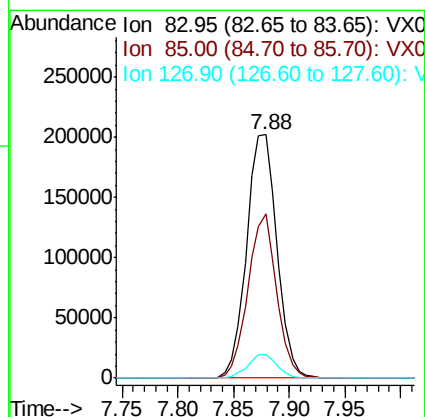
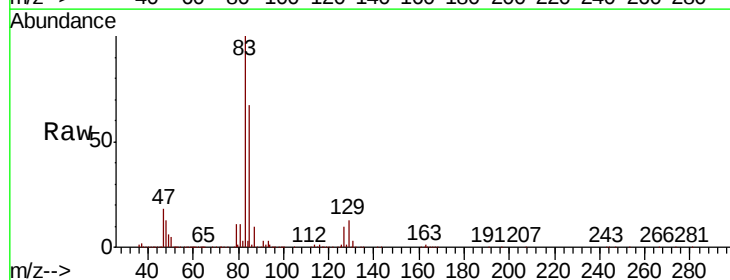
Tgt Ion: 83 Resp: 384366

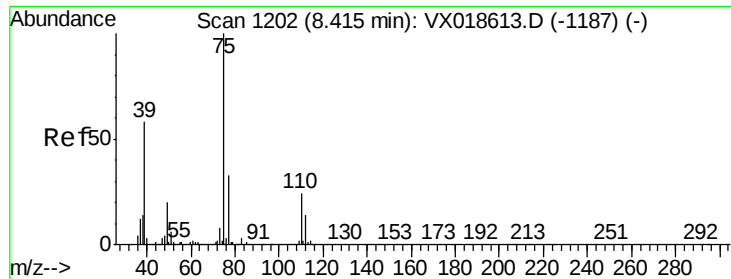
Ion Ratio Lower Upper

83 100

85 67.2 45.2 84.0

127 9.7 8.2 12.2

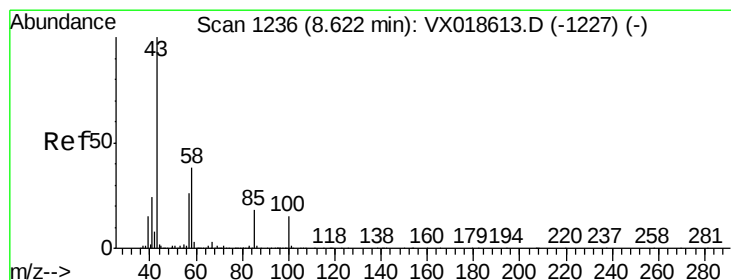
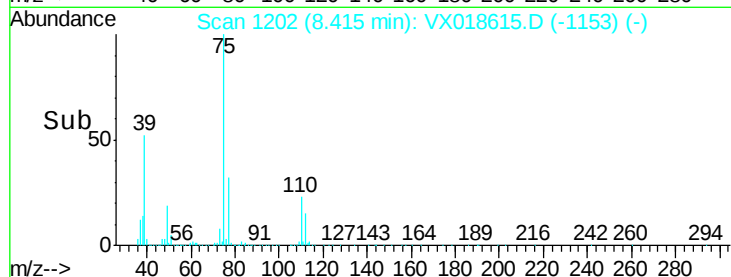
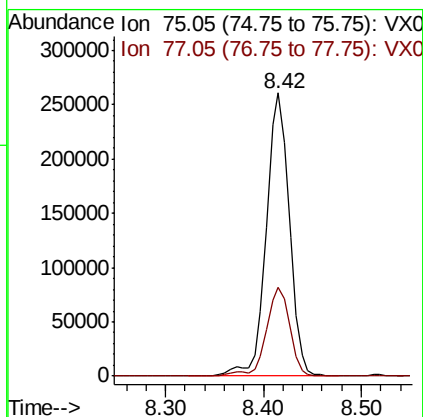
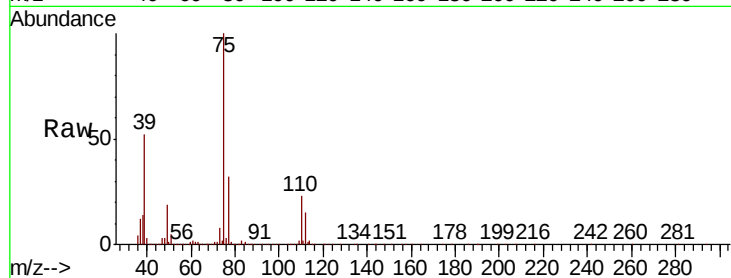




#39
 cis-1,3-Dichloropropene
 Concen: 22.292 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

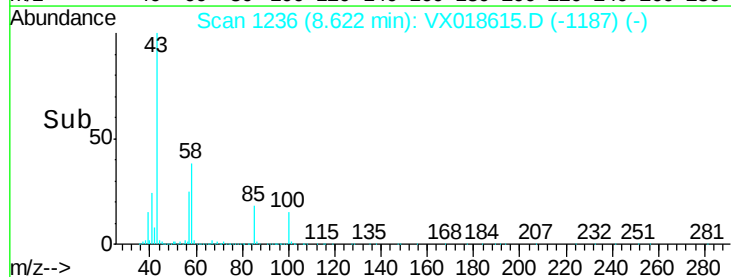
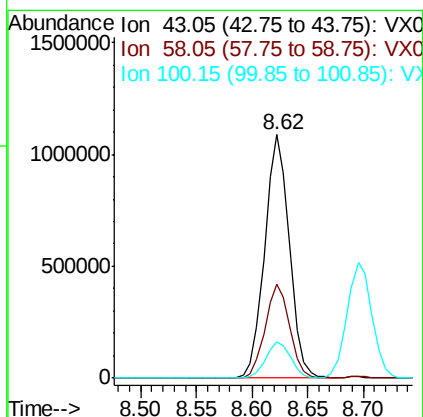
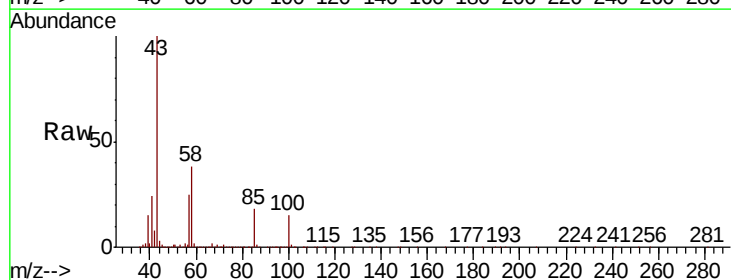
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02061

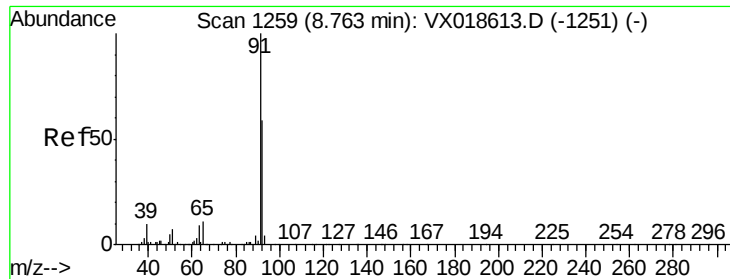
Tot Ion: 75 Resp: 429679
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.0 42.8



#40
 4-Methyl-2-pentanone
 Concen: 223.795 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

Tgt Ion: 43 Resp: 1685849
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.2 45.4
 100 15.1 11.8 17.8





#42

Toluene

Concen: 21.866 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

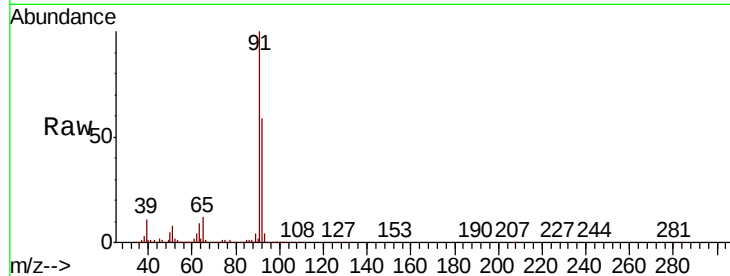
VSTD02061

Tot Ion: 91 Resp: 1203055

Ion Ratio Lower Upper

91 100

92 59.2 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.76

800000

600000

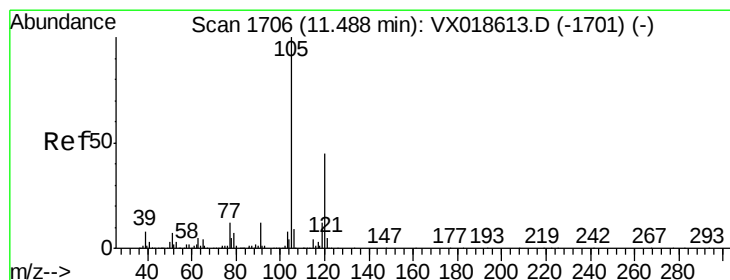
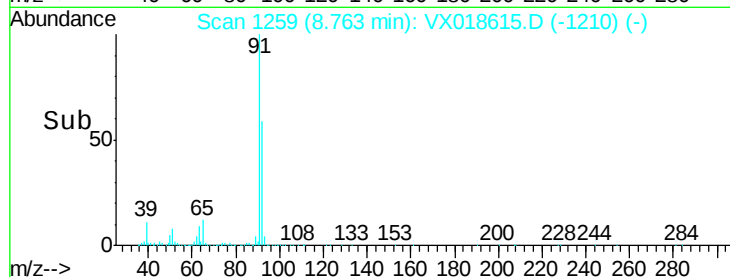
400000

200000

0

8.70 8.80 8.90

Time-->



#43

1,3,5-Trimethylbenzene

Concen: 24.467 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX018615.D

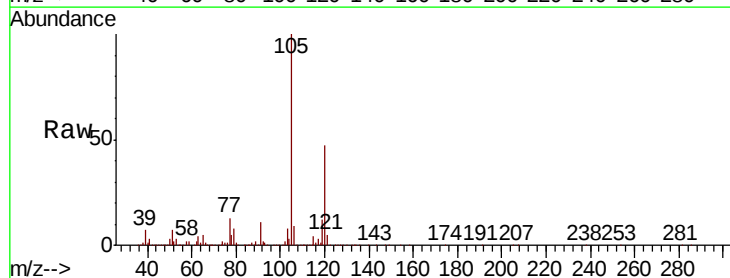
Acq: 28 Sep 2020 12:39

Tgt Ion:105 Resp: 1176932

Ion Ratio Lower Upper

105 100

120 48.7 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.49

1000000

800000

600000

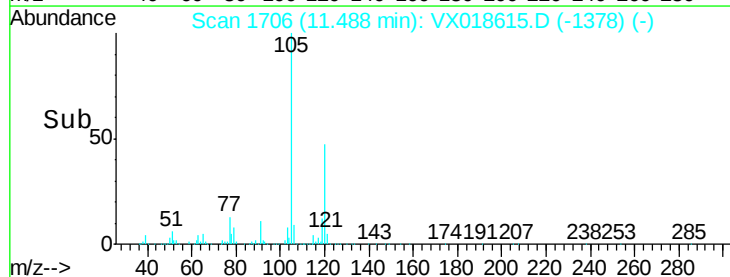
400000

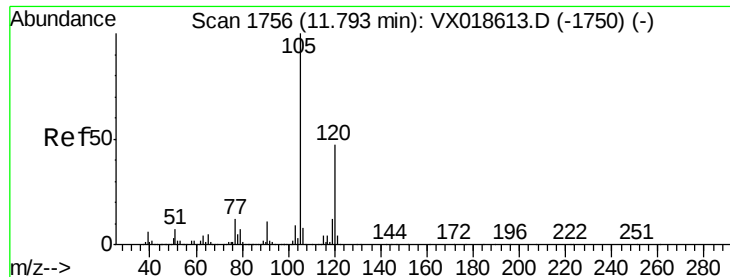
200000

0

11.40 11.50 11.60

Time-->





#44

1,2,4-Trimethylbenzene

Concen: 25.020 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampled :

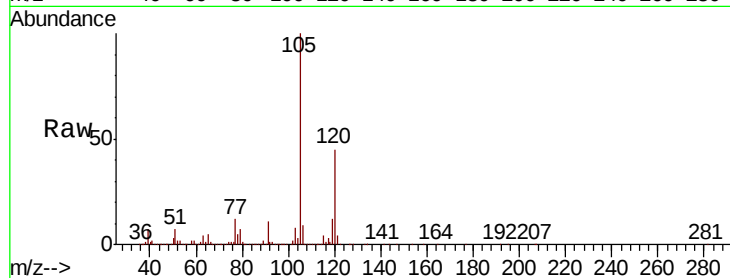
VSTD02061

Tot Ion:105 Resp: 1204086

Ion Ratio Lower Upper

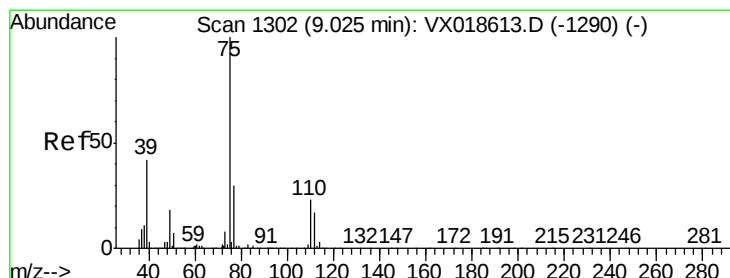
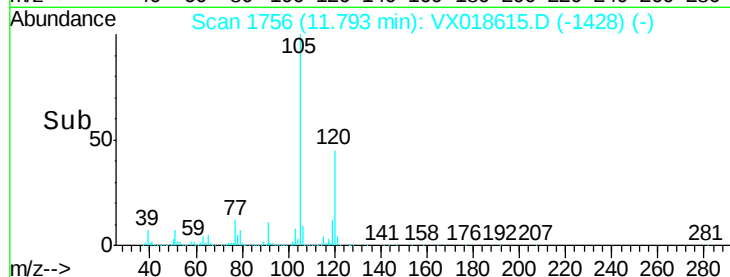
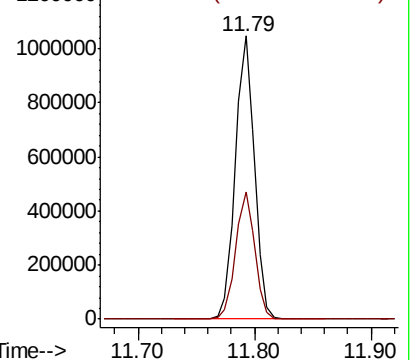
105 100

120 45.2 36.8 55.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#46

trans-1,3-Dichloropropene

Concen: 21.968 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018615.D

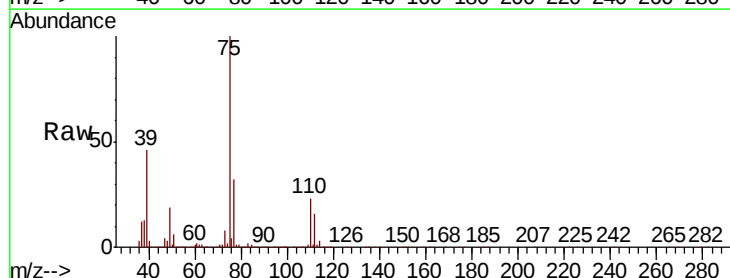
Acq: 28 Sep 2020 12:39

Tgt Ion: 75 Resp: 386195

Ion Ratio Lower Upper

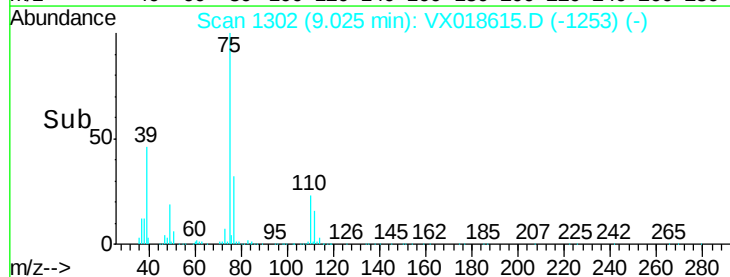
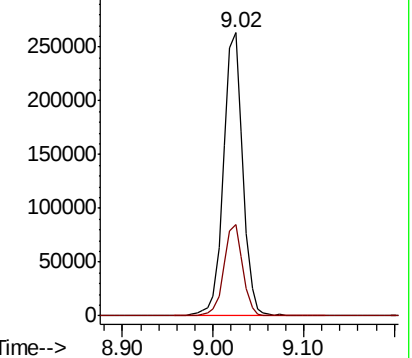
75 100

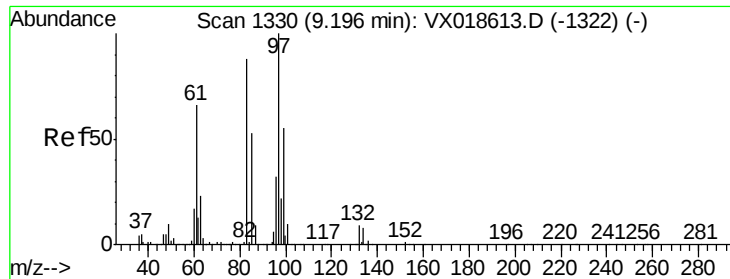
77 32.2 21.2 39.4



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0





#47

1,1,2-Trichloroethane

Concen: 20.191 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD02061

Tot Ion: 97 Resp: 196918

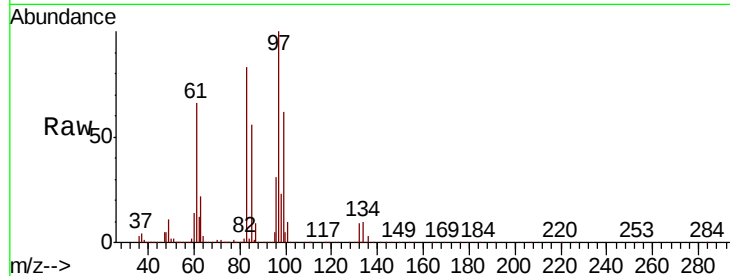
Ion Ratio Lower Upper

97 100

99 61.5 38.9 72.2

83 83.3 61.9 114.9

85 55.6 37.2 69.2

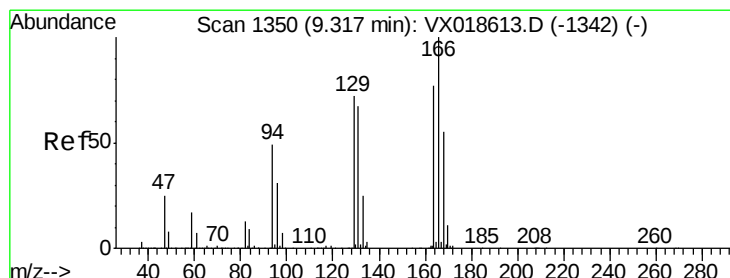
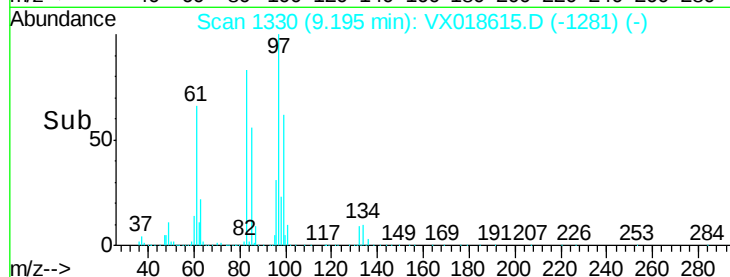
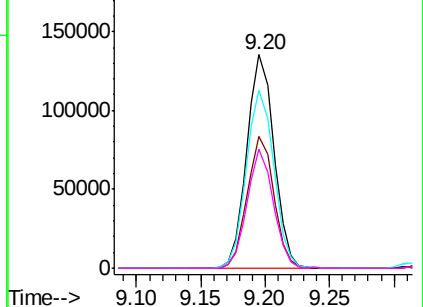


Abundance Ion 96.95 (96.65 to 97.65): VX0

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: 21.777 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Tgt Ion: 164 Resp: 252706

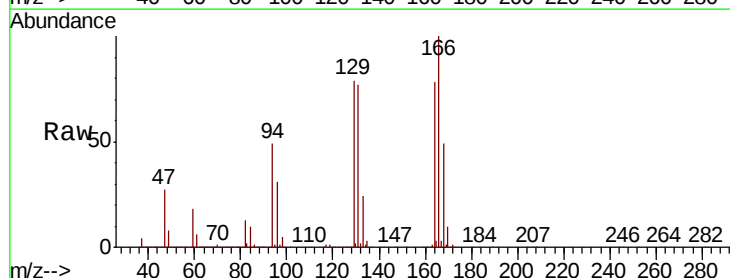
Ion Ratio Lower Upper

164 100

129 101.1 65.9 122.3

131 99.0 61.4 114.0

166 127.8 91.0 169.0

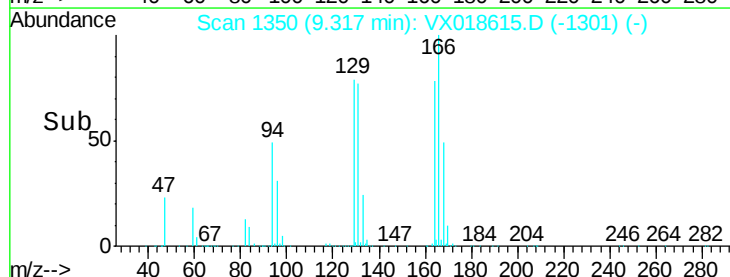
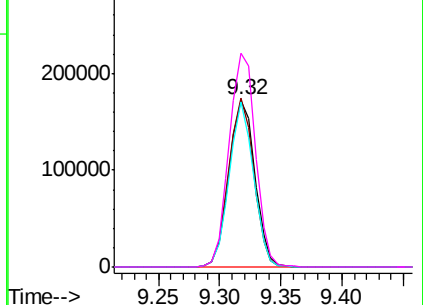


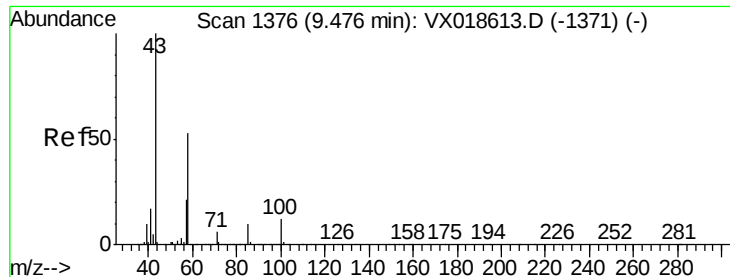
Abundance Ion 163.90 (163.60 to 164.60): V

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



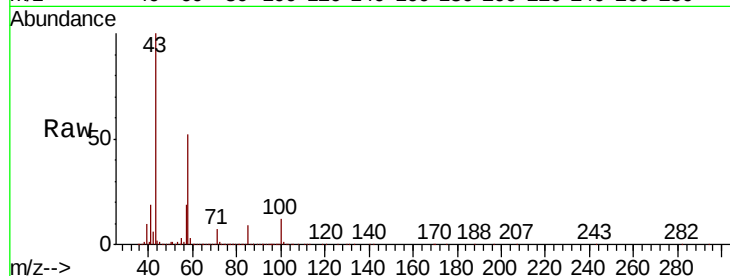


#50
2-Hexanone
Concen: 231.854 ug/L
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018615.D
Acq: 28 Sep 2020 12:39

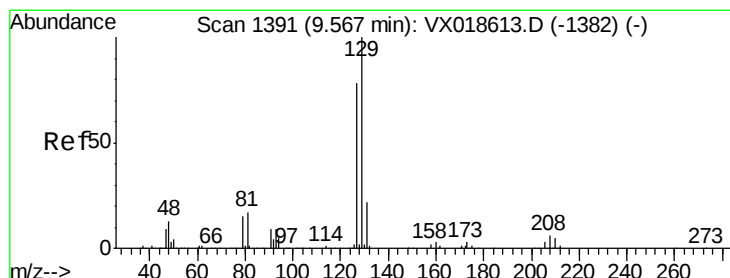
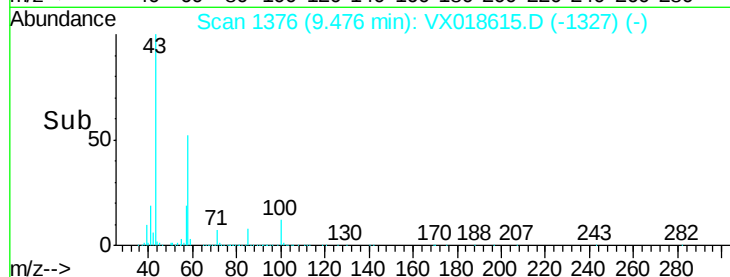
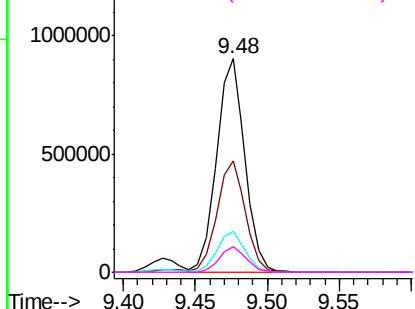
Instrument :
MSVOA_X
ClientSampleId :
VSTD02061

Tot Ion: 43 Resp: 1236249

Ion	Ratio	Lower	Upper
43	100		
58	52.5	42.5	63.7
57	19.1	15.9	23.9
100	11.7	9.4	14.0



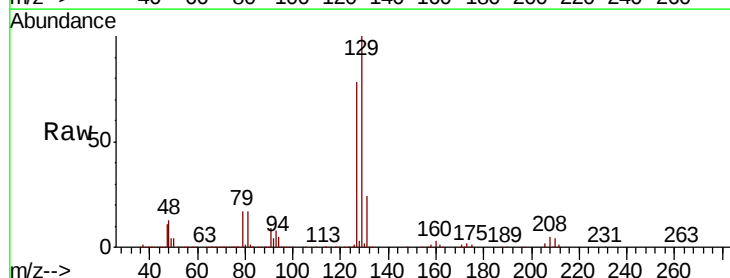
Abundance Ion 43.05 (42.75 to 43.75): VX0
Ion 58.05 (57.75 to 58.75): VX0
Ion 57.20 (56.90 to 57.90): VX0
Ion 100.15 (99.85 to 100.85): V



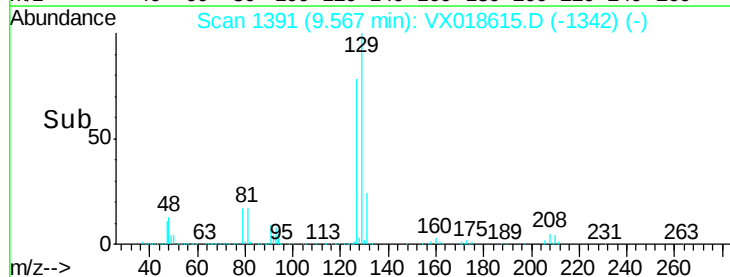
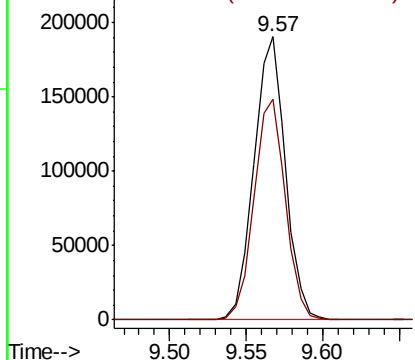
#51
Dibromochloromethane
Concen: 21.367 ug/L
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018615.D
Acq: 28 Sep 2020 12:39

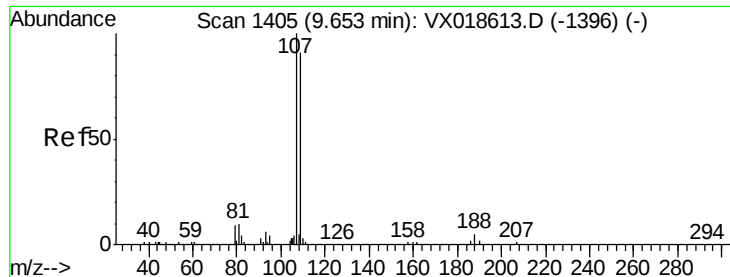
Tgt Ion: 129 Resp: 272688

Ion	Ratio	Lower	Upper
129	100		
127	77.9	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: 20.892 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD02061

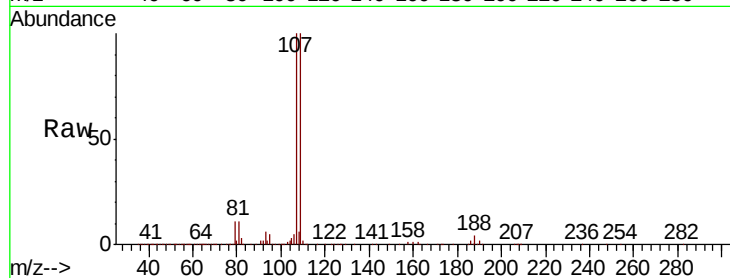
Tot Ion:107 Resp: 189821

Ion Ratio Lower Upper

107 100

109 100.4 63.4 117.8

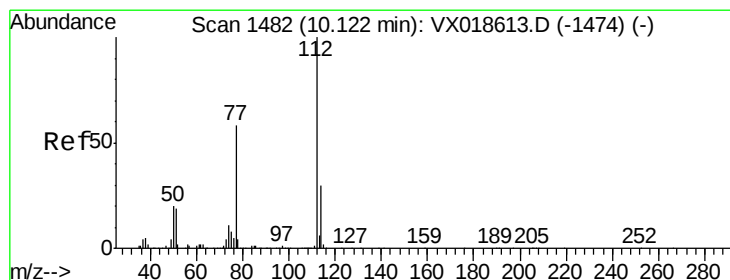
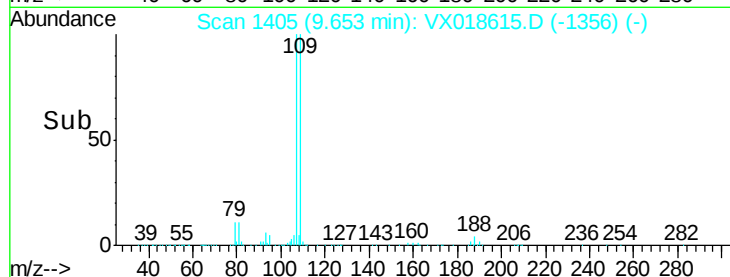
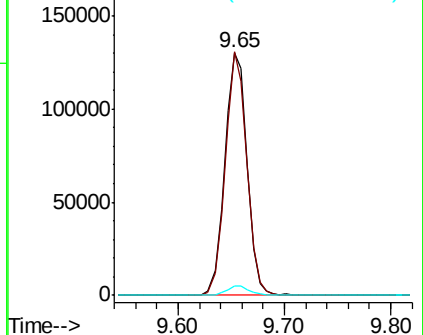
188 3.8 4.1 6.1#



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: 21.144 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

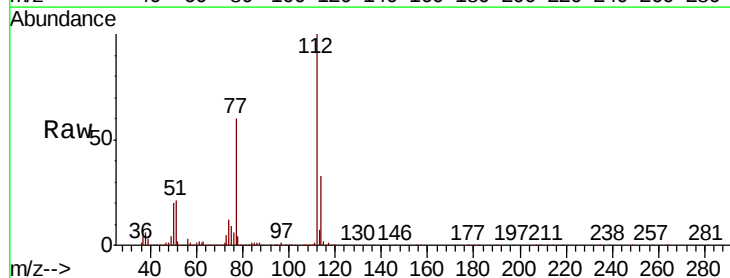
Tgt Ion:112 Resp: 768484

Ion Ratio Lower Upper

112 100

114 32.7 20.6 38.4

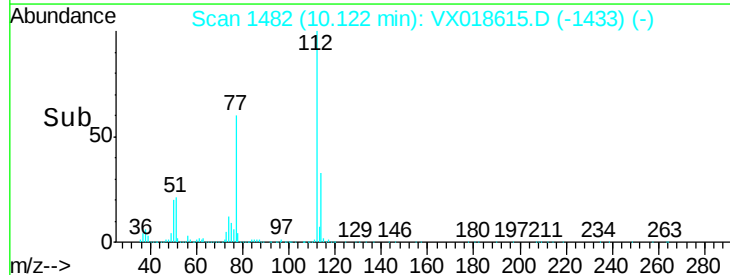
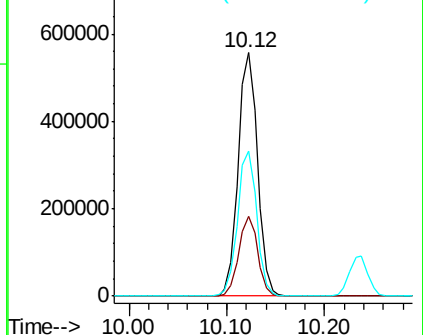
77 59.8 46.6 69.8

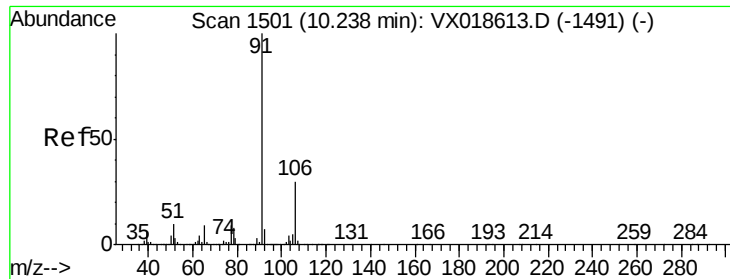


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0





#54

Ethylbenzene

Concen: 22.650 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampled :

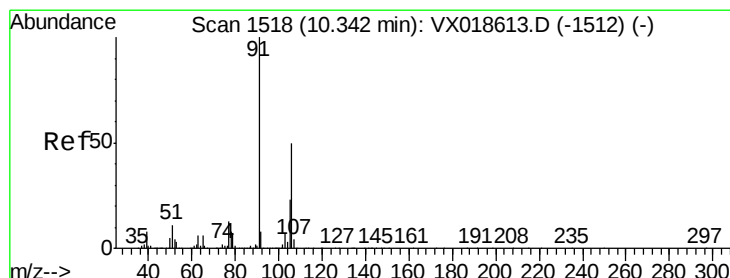
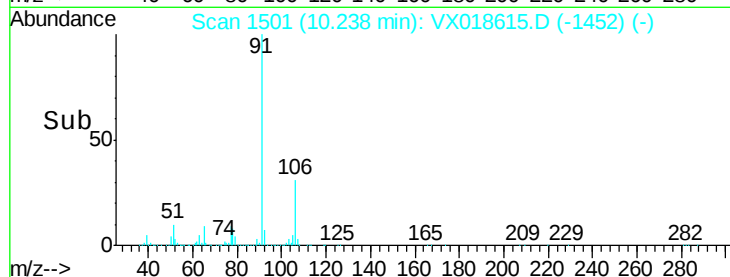
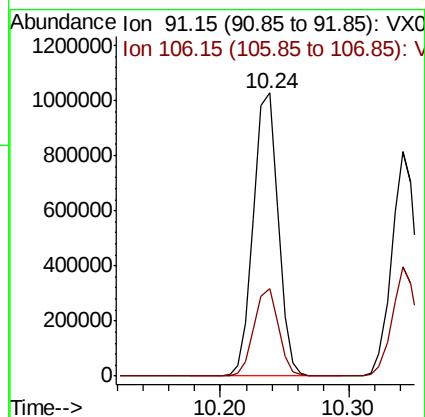
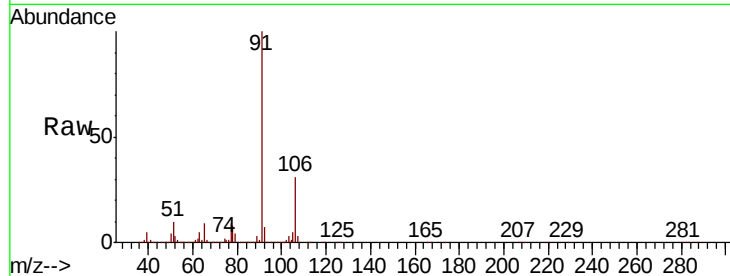
VSTD02061

Tot Ion: 91 Resp: 1357447

Ion Ratio Lower Upper

91 100

106 31.0 21.0 39.0



#55

m,p-xylene

Concen: 22.721 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018615.D

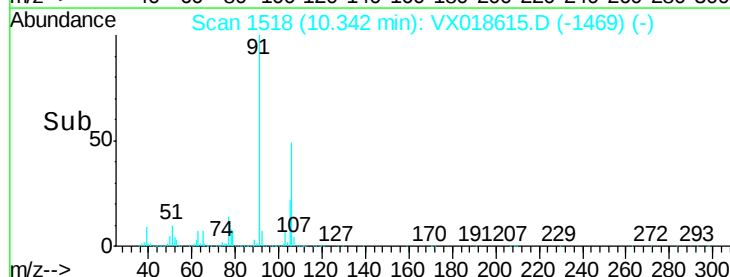
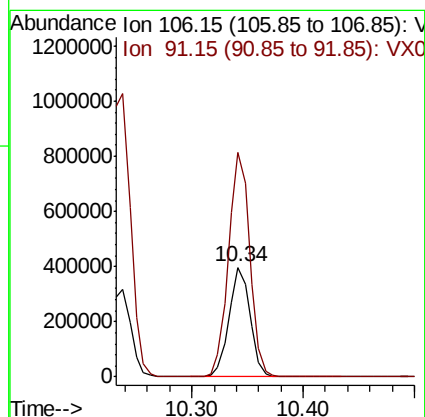
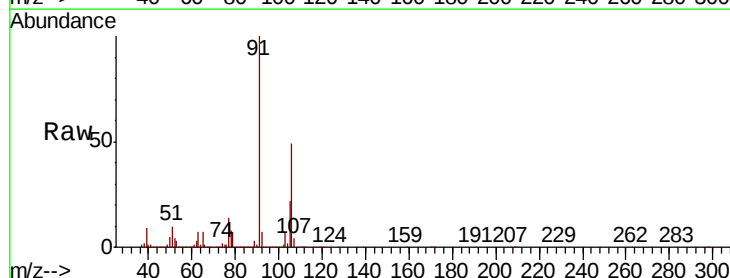
Acq: 28 Sep 2020 12:39

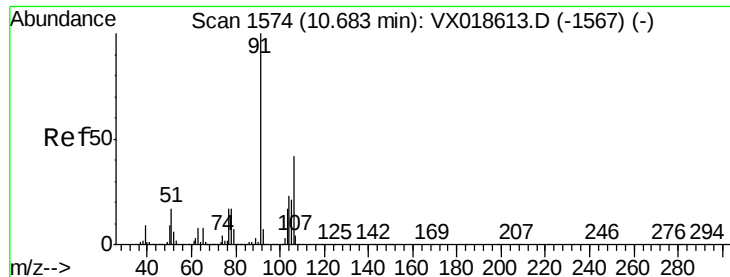
Tgt Ion: 106 Resp: 520658

Ion Ratio Lower Upper

106 100

91 204.9 140.3 260.6





#56

o-xylene

Concen: 23.161 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

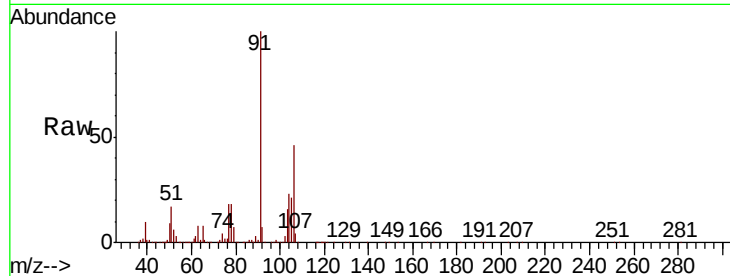
VSTD02061

Tot Ion:106 Resp: 501492

Ion Ratio Lower Upper

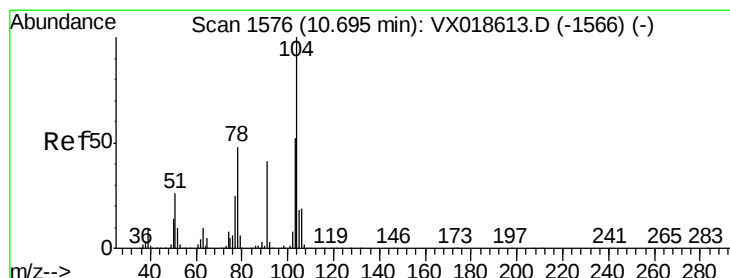
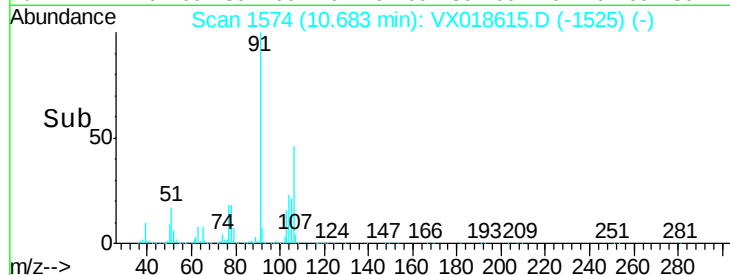
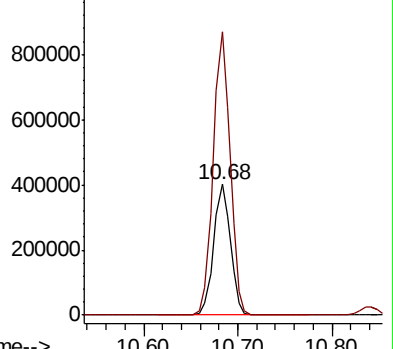
106 100

91 216.8 167.5 311.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#57

Styrene

Concen: 23.920 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX018615.D

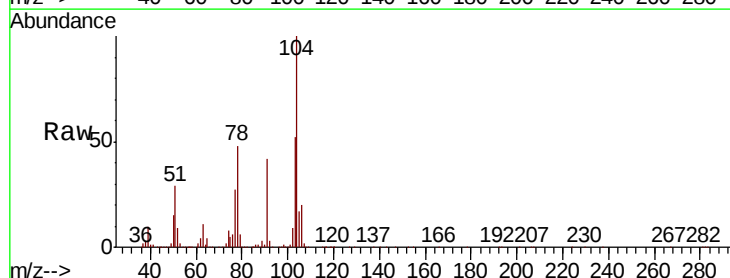
Acq: 28 Sep 2020 12:39

Tgt Ion:104 Resp: 855075

Ion Ratio Lower Upper

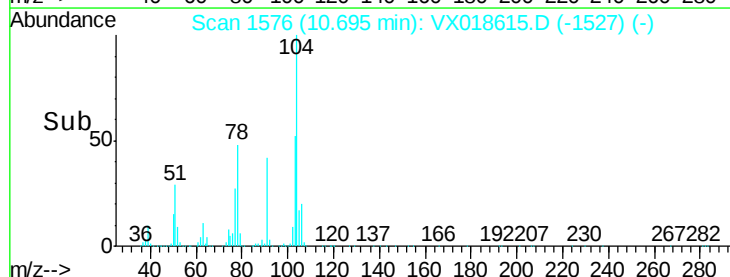
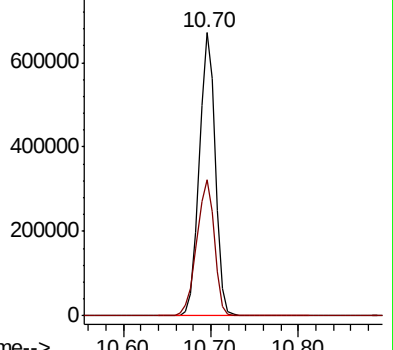
104 100

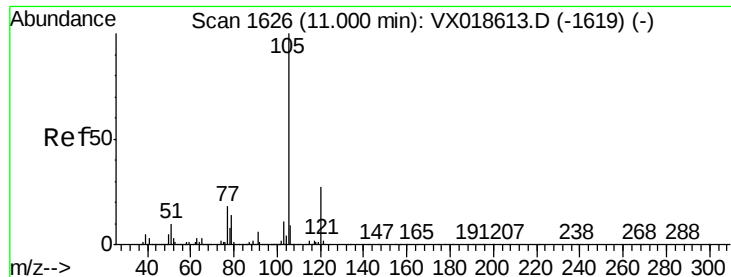
78 48.3 33.3 61.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0





#58

Isopropylbenzene

Concen: 23.761 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

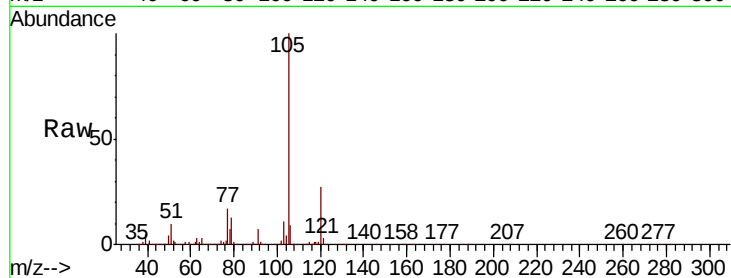
MSVOA_X

ClientSampleId :

VSTD02061

Tot Ion:105 Resp: 1379419

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.2	31.8
77	16.1	13.3	19.9

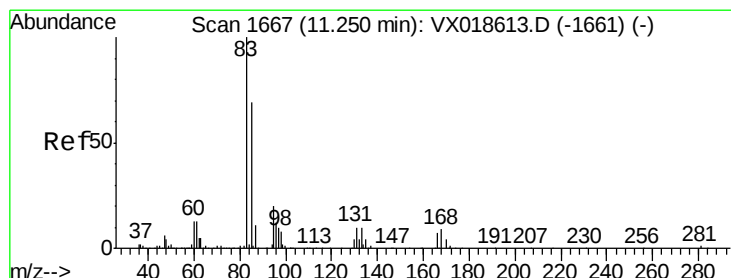
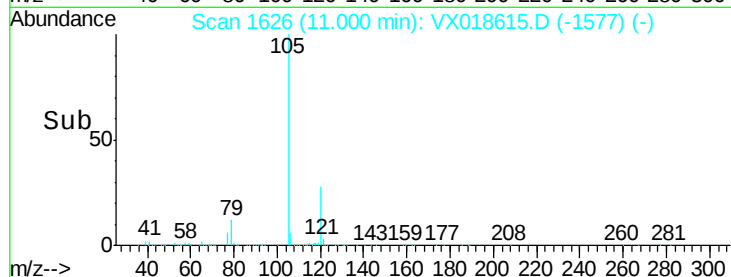
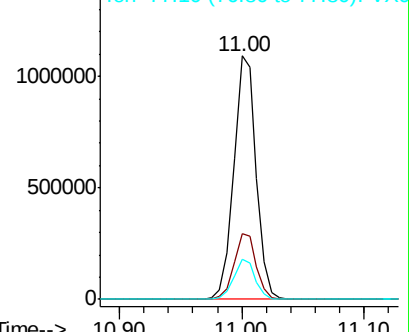


Abundance

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: 20.798 ug/L

RT: 11.25 min Scan# 1667

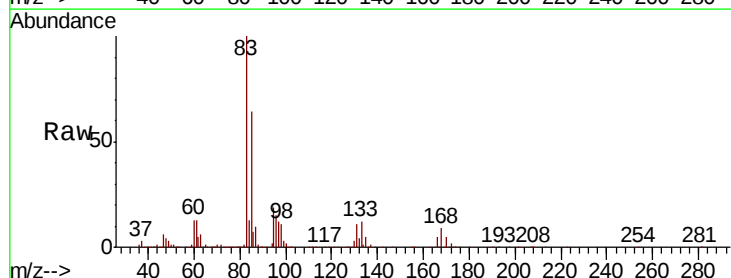
Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Tgt Ion: 83 Resp: 229090

Ion	Ratio	Lower	Upper
83	100		
85	63.7	48.5	90.1
131	10.6	7.8	11.6

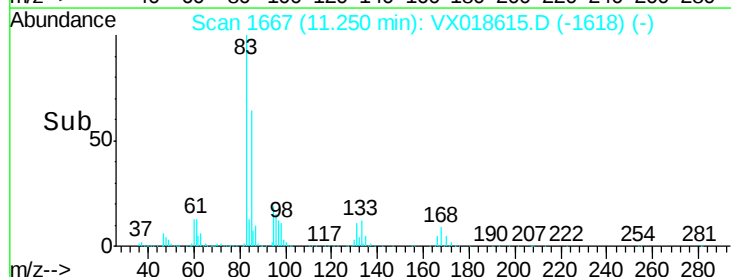
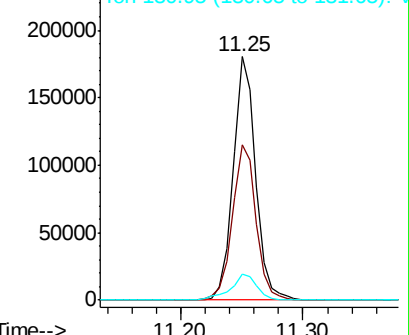


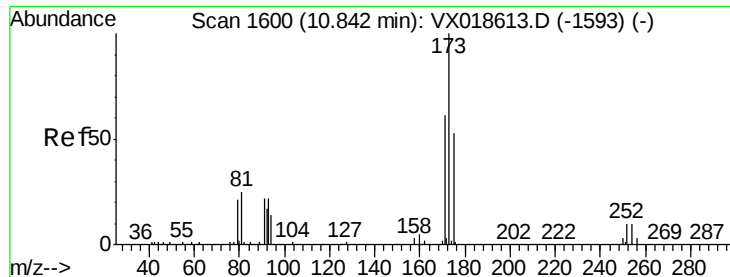
Abundance

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: 21.314 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD02061

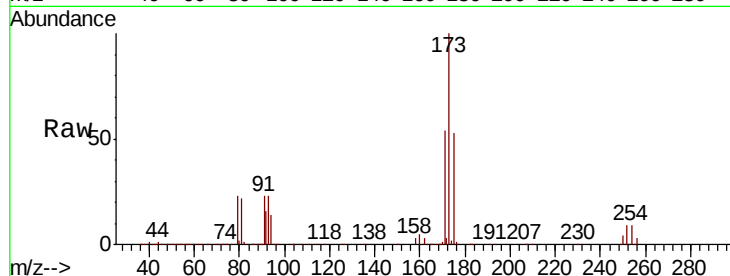
Tot Ion:173 Resp: 157604

Ion Ratio Lower Upper

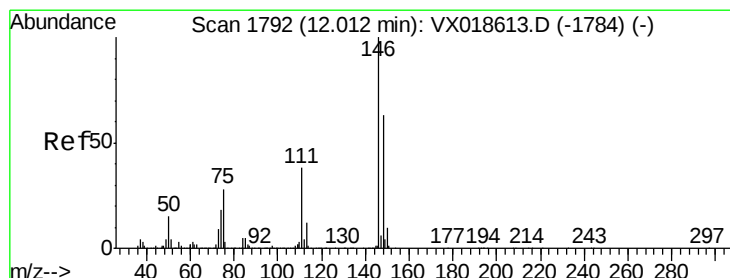
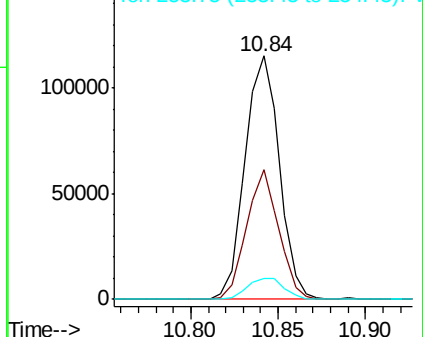
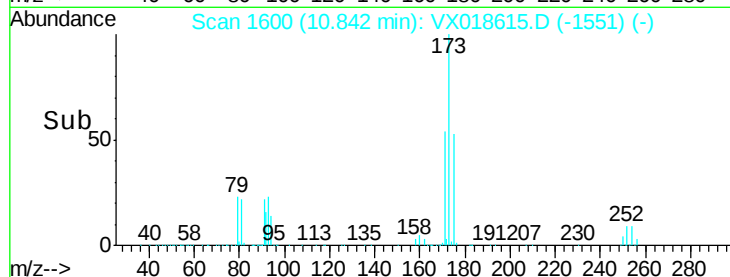
173 100

175 49.8 41.6 62.4

254 9.4 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: 21.626 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

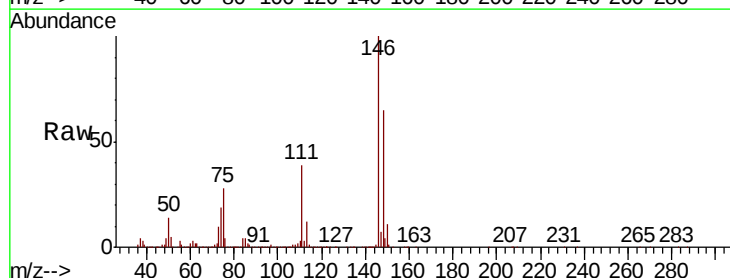
Tgt Ion:146 Resp: 652910

Ion Ratio Lower Upper

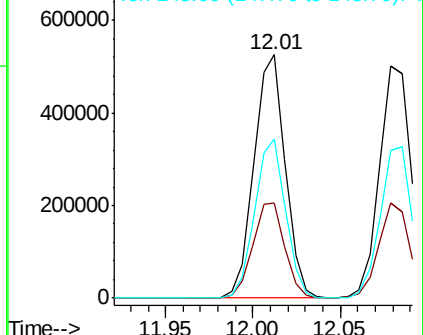
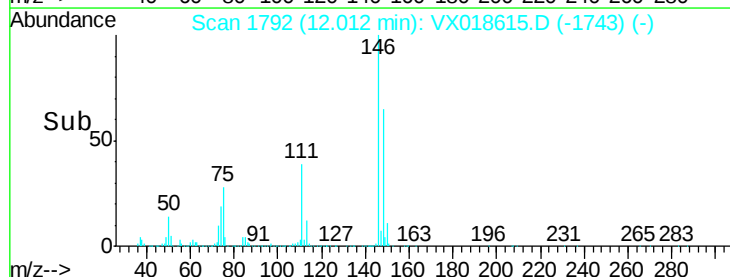
146 100

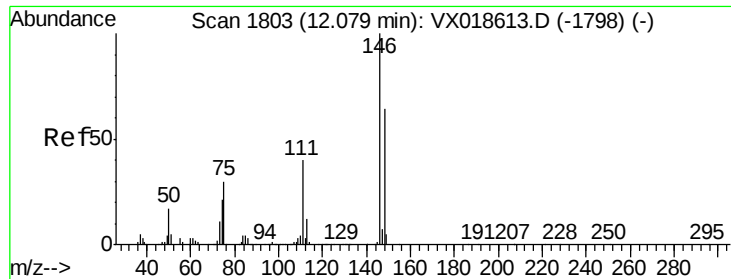
111 39.3 26.7 49.7

148 65.4 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: 20.789 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTD02061

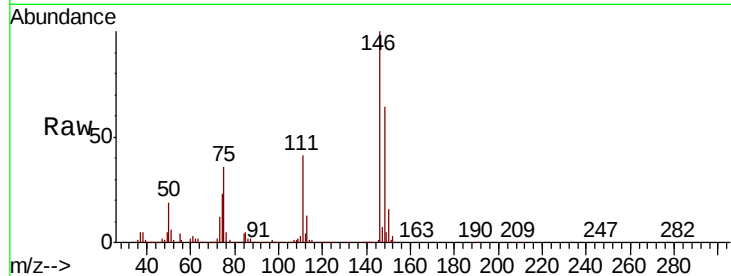
Tot Ion:146 Resp: 634029

Ion Ratio Lower Upper

146 100

111 41.3 28.8 53.4

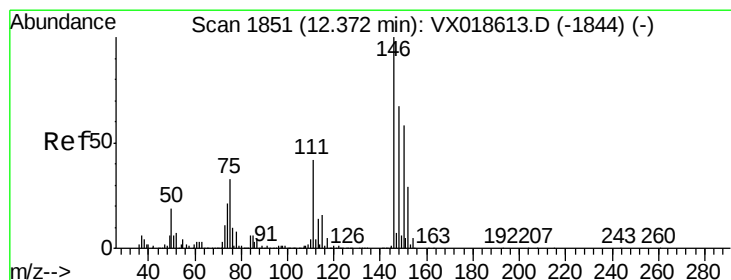
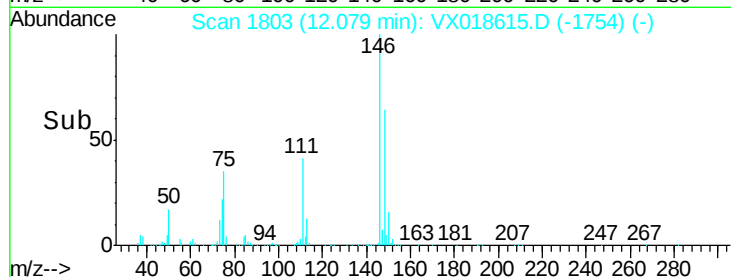
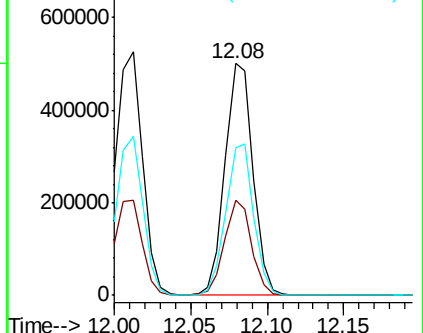
148 63.9 44.9 83.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dichlorobenzene

Concen: 20.942 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX018615.D

Acq: 28 Sep 2020 12:39

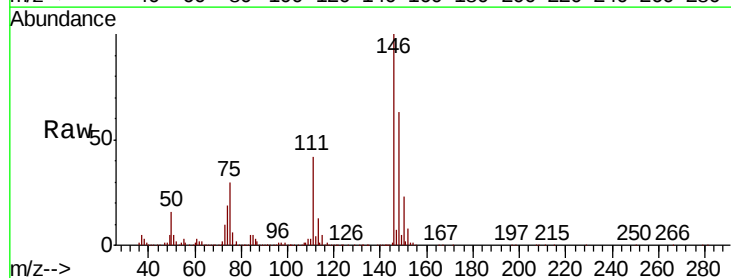
Tgt Ion:146 Resp: 589065

Ion Ratio Lower Upper

146 100

111 41.5 33.6 50.4

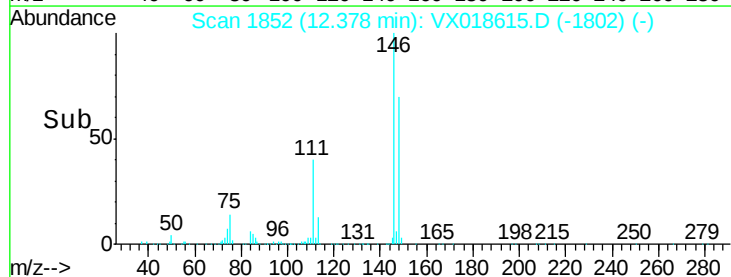
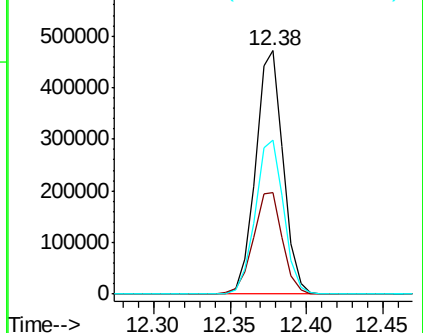
148 63.1 53.4 80.2

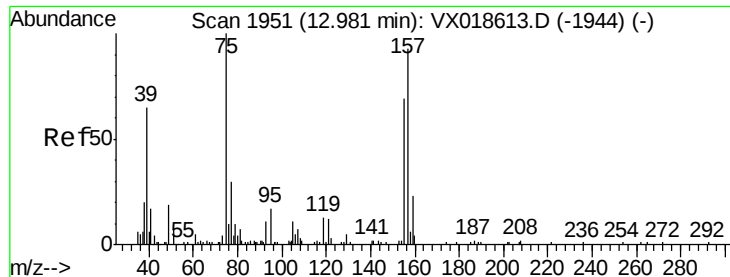


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

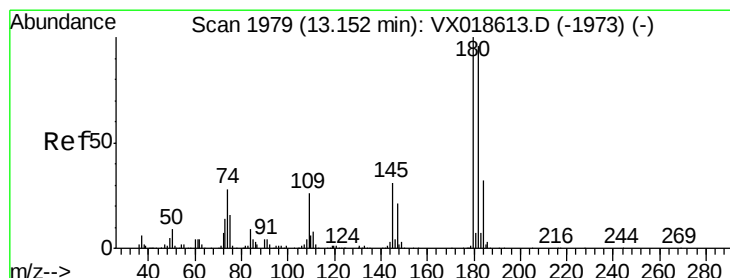
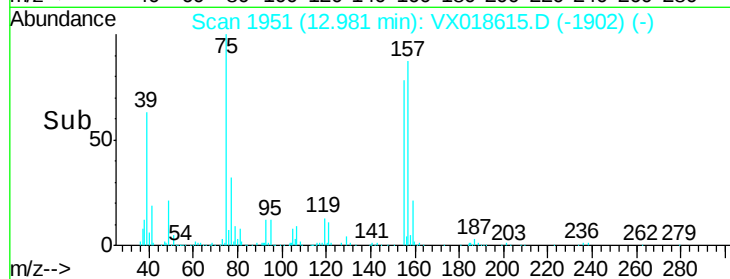
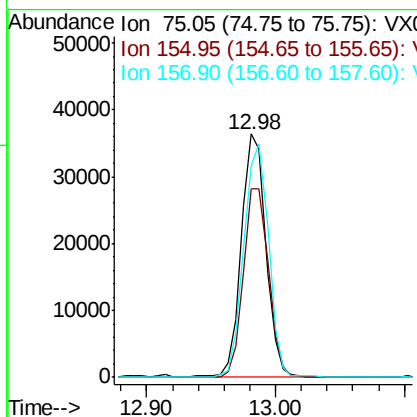
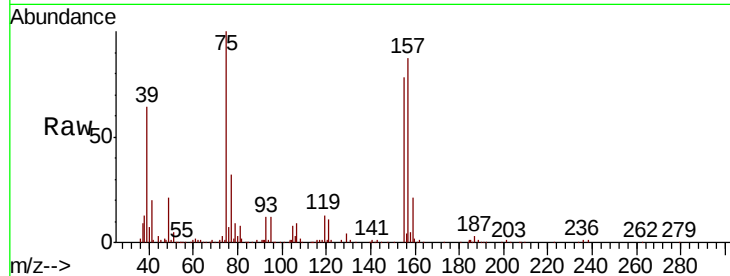




#67
 1,2-Dibromo-3-chloropropane
 Concen: 20.071 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

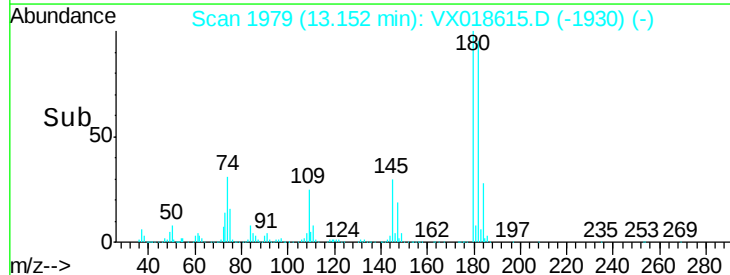
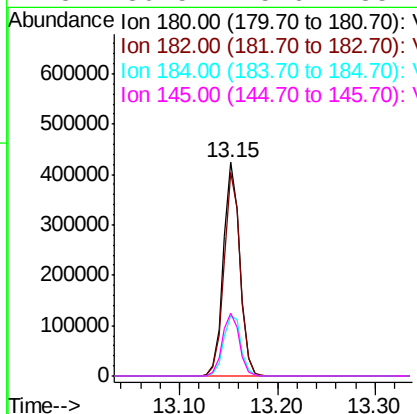
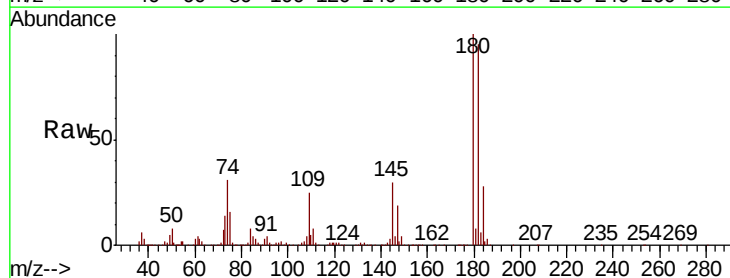
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02061

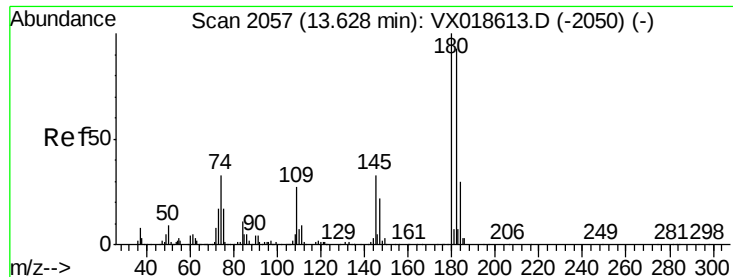
Tot Ion	Ratio	Lower	Upper
75	100		
155	77.6	54.6	81.8
157	87.2	73.5	110.3



#68
 1,3,5-Trichlorobenzene
 Concen: 21.600 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	72.4	108.6
184	30.1	25.3	37.9
145	30.5	25.6	38.4

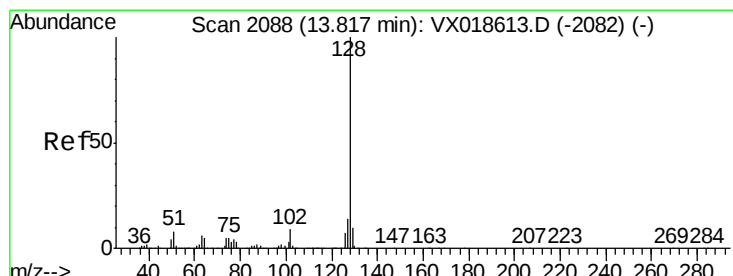
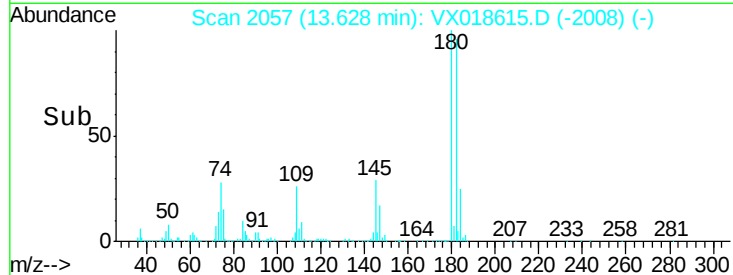
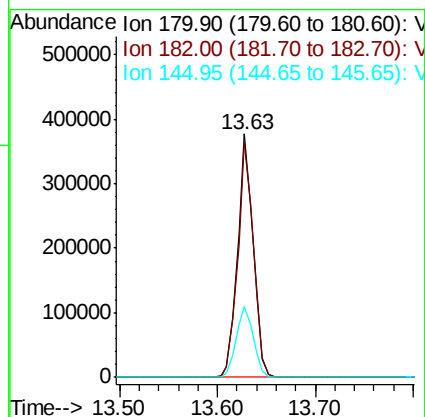
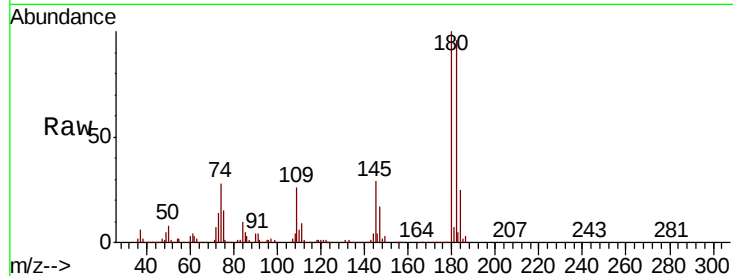




#69
 1,2,4-trichlorobenzene
 Concen: 22.477 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

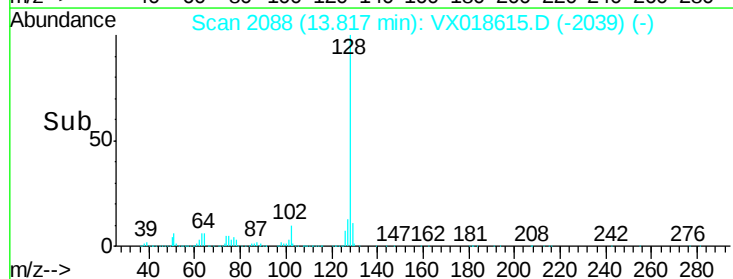
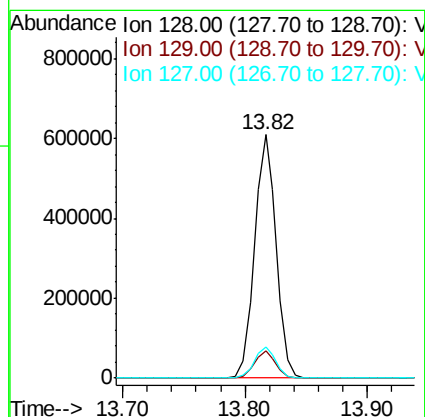
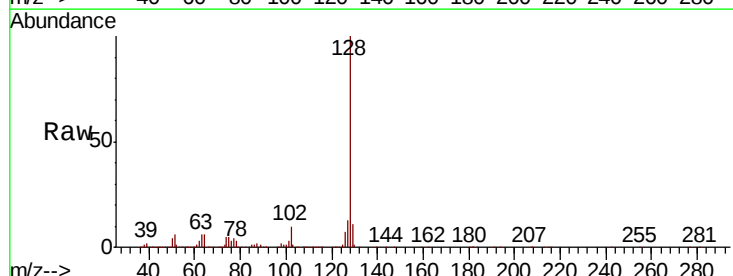
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02061

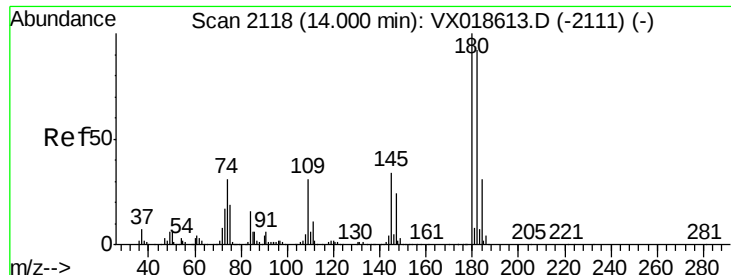
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	74.6	112.0
145	32.1	25.0	37.6



#70
 Naphthalene
 Concen: 23.794 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.8	10.7	16.1

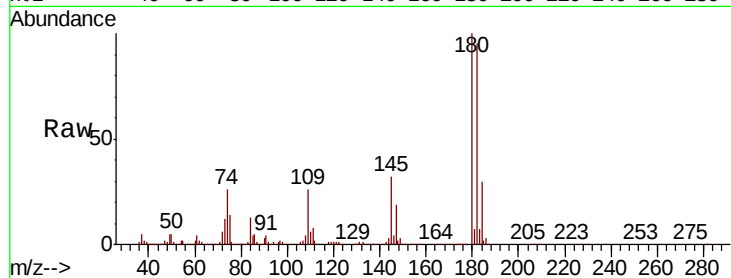




#71
 1,2,3-Trichlorobenzene
 Concen: 21.984 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018615.D
 Acq: 28 Sep 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD02061

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.7	116.5
145	34.0	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

