

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018480.D
 Acq On : 18 Sep 2020 09:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Sep 19 01:50:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	78731	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	409390	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	384962	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	187738	30.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.73%
60) 4-Bromofluorobenzene	11.12	95	198812	29.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.33%
63) Toluene-d8	8.70	98	519607	30.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	77062	18.498	ug/l 93
3) Chloromethane	1.31	50	82441	18.630	ug/l 94
4) Vinyl Chloride	1.39	62	83322	17.881	ug/l 100
5) Bromomethane	1.64	94	63525	20.037	ug/l 99
6) Chloroethane	1.72	64	52555	18.557	ug/l 93
7) Trichlorofluoromethane	1.92	101	149691	18.956	ug/l 97
8) Diethyl Ether	2.17	74	45982	18.470	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78950	19.568	ug/l 99
10) 1,1-Dichloroethene	2.36	96	74953	18.925	ug/l 99
11) Methyl Iodide	2.49	142	63091	18.074	ug/l 98
12) Methyl Acetate	2.75	43	95931	18.401	ug/l 95
13) Acrolein	2.27	56	38371	91.198	ug/l 99
14) Acrylonitrile	3.11	53	208291	88.174	ug/l 99
15) Acetone	2.42	58	66694	103.841	ug/l 90
16) Carbon Disulfide	2.55	76	212404	18.419	ug/l 99
17) Allyl chloride	2.71	41	130153	18.386	ug/l 99
18) Methylene Chloride	2.83	84	84661	18.213	ug/l 89
19) trans-1,2-Dichloroethene	3.14	96	83956	19.093	ug/l 96
20) Diisopropyl ether	3.82	45	265319	18.932	ug/l # 85
21) 1,1-Dichloroethane	3.67	63	151057	18.779	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	89659	18.428	ug/l 94
23) tert-Butyl Alcohol	3.01	59	91417	89.303	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	257937	18.319	ug/l 100
25) Chloroform	5.18	83	159771	18.611	ug/l 97
26) Cyclohexane	5.54	56	121764	18.754	ug/l # 50
29) 1,1-Dichloropropene	5.76	75	117159	18.748	ug/l 100
30) 2-Butanone	4.63	43	314276	91.847	ug/l 99
31) 2,2-Dichloropropane	4.55	77	148150	19.627	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	153593	18.777	ug/l 99
33) Carbon Tetrachloride	5.75	117	141180	18.523	ug/l 97
34) Benzene	6.11	78	328906	18.438	ug/l 97
35) Methacrylonitrile	5.01	41	61916	17.170	ug/l 90
36) 1,2-Dichloroethane	6.16	62	137801	18.666	ug/l # 100
37) Trichloroethene	7.19	130	94924	18.402	ug/l 97
38) Methylcyclohexane	7.44	83	119790	17.996	ug/l 98
39) 1,2-Dichloropropane	7.49	63	83871	17.554	ug/l 98
40) Dibromomethane	7.63	93	61232	17.747	ug/l 98

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 VSTDCCC020

Quant Time: Sep 19 01:50:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	130409	18.237	ug/l	92
42) Vinyl Acetate	3.78	43	1149642	90.055	ug/l	100
43) Ethyl Acetate	4.79	43	114522	16.832	ug/l	96
44) Isopropyl Acetate	6.41	43	191860	17.497	ug/l	99
45) 1,4-Dioxane	7.71	88	35614	388.779	ug/l #	90
46) Methyl methacrylate	7.74	41	92187	17.082	ug/l	90
47) n-amyl Acetate	10.88	43	157468	16.343	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	141796	18.460	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	148359	18.386	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	86585	18.010	ug/l	98
51) Ethyl methacrylate	9.16	69	120564	17.311	ug/l	97
52) 1,3-Dichloropropane	9.35	76	141399	17.720	ug/l	98
53) Dibromochloromethane	9.57	129	102380	17.127	ug/l	97
54) 1,2-Dibromoethane	9.65	107	93575	17.742	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	337472	92.794	ug/l	99
56) Bromoform	10.84	173	74590	16.423	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	588662	88.905	ug/l	99
59) 2-Hexanone	9.47	43	455427	90.809	ug/l	99
61) Tetrachloroethene	9.32	164	97608	20.330	ug/l	89
62) Toluene	8.76	91	362424	18.707	ug/l	98
64) Chlorobenzene	10.12	112	232015	18.636	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	91204	18.088	ug/l	97
66) Ethyl Benzene	10.23	91	386730	18.065	ug/l	99
67) m/p-Xylenes	10.34	106	304109	37.147	ug/l	99
68) o-Xylene	10.68	106	145001	18.745	ug/l	97
69) Styrene	10.70	104	249764	18.507	ug/l	99
70) Isopropylbenzene	11.00	105	398522	18.526	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	126159	17.946	ug/l	96
72) 1,2,3-Trichloropropane	11.28	75	152261	22.544	ug/l	92
73) Bromobenzene	11.24	156	106842	18.129	ug/l	100
74) n-propylbenzene	11.34	91	469270	18.526	ug/l	100
75) 2-Chlorotoluene	11.40	91	279903	18.232	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	342467	18.274	ug/l	98
77) t-1,4-Dichloro-2-butene	11.05	75	43939	16.741	ug/l	97
78) 4-Chlorotoluene	11.49	91	337883	18.450	ug/l	97
79) tert-butylbenzene	11.76	119	324042	17.950	ug/l	96
80) 1,2,4-Trimethylbenzene	11.79	105	349468	18.855	ug/l	99
81) sec-Butylbenzene	11.93	105	386804	18.344	ug/l	99
82) p-Isopropyltoluene	12.05	119	365728	18.602	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	195761	18.578	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	194772	18.486	ug/l	99
85) n-Butylbenzene	12.37	91	323845	18.709	ug/l	98
86) Hexachloroethane	12.58	117	70008	18.086	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	185632	18.813	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	30197	16.791	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	125059	18.734	ug/l	98
90) Hexachlorobutadiene	13.76	225	54733	19.384	ug/l	92
91) Naphthalene	13.82	128	362822	17.415	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	117654	17.815	ug/l	97

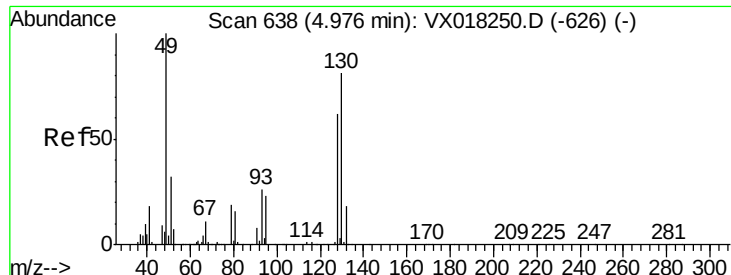
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
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Quant Time: Sep 19 01:50:50 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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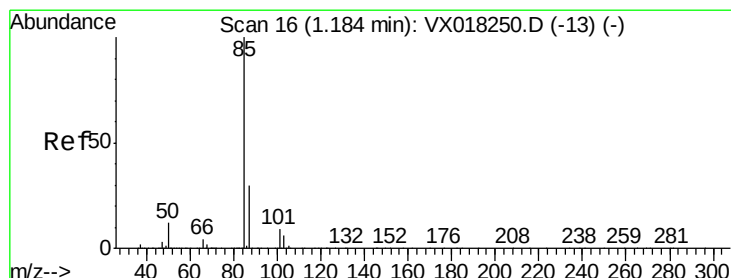
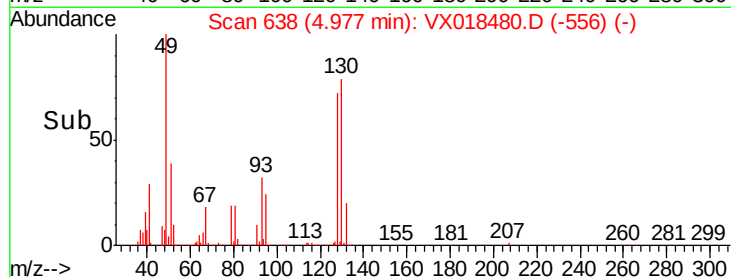
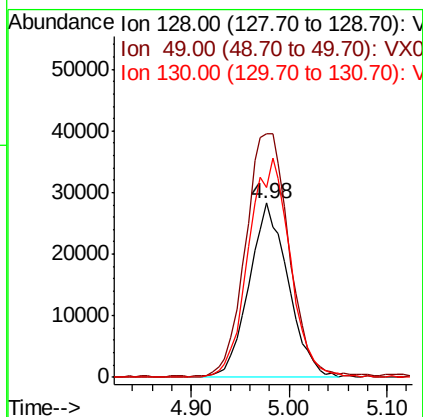
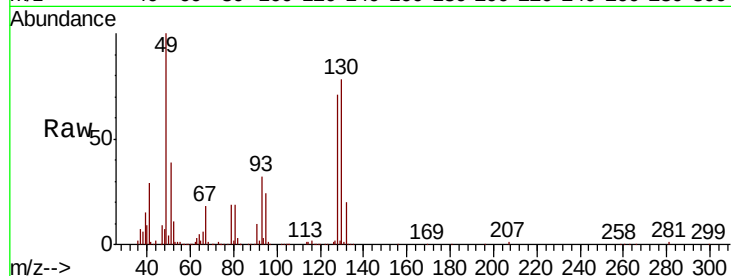
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

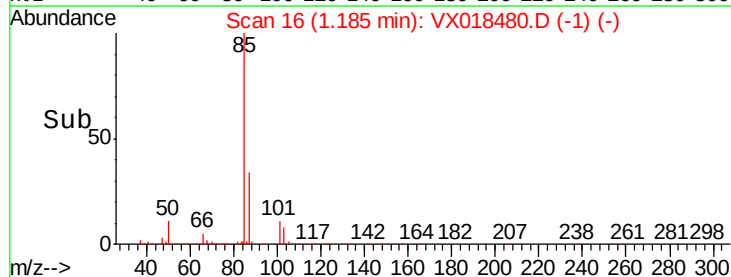
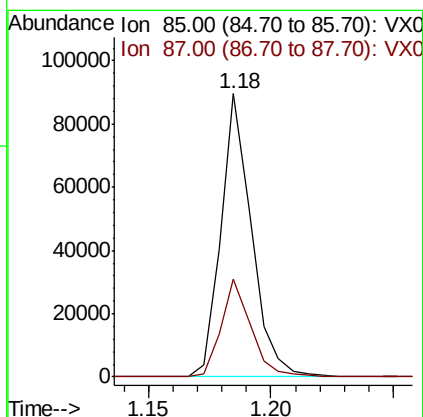
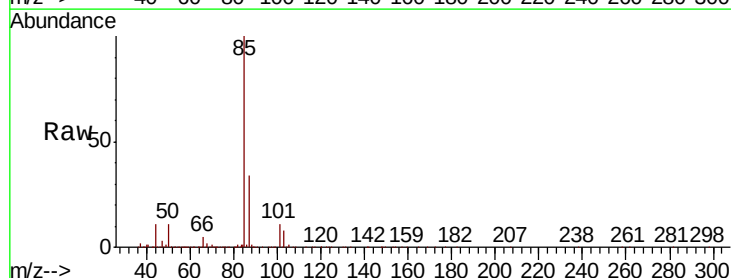
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

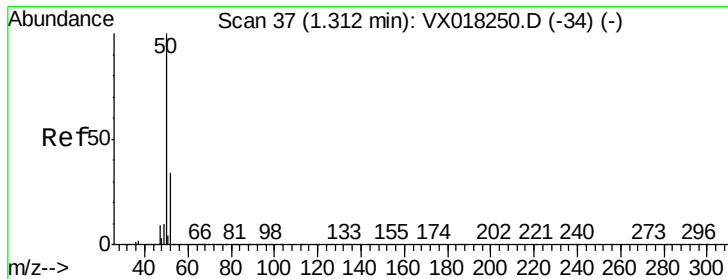
Tot Ion:128 Resp: 78731
 Ion Ratio Lower Upper
 128 100
 49 153.6 0.0 392.0
 130 133.1 0.0 320.2



#2
 Dichlorodifluoromethane
 Concen: 18.498 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion: 85 Resp: 77062
 Ion Ratio Lower Upper
 85 100
 87 34.3 15.1 45.3

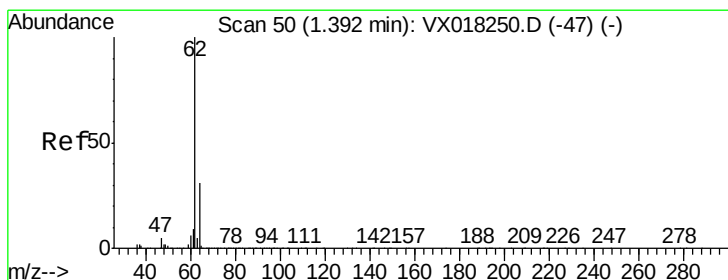
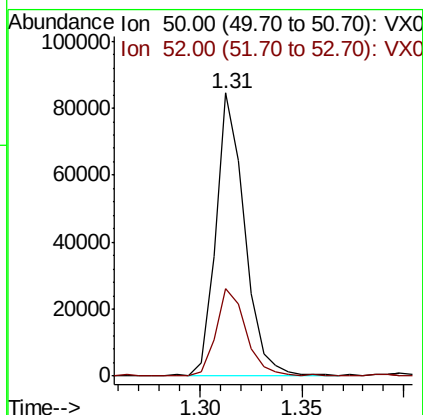
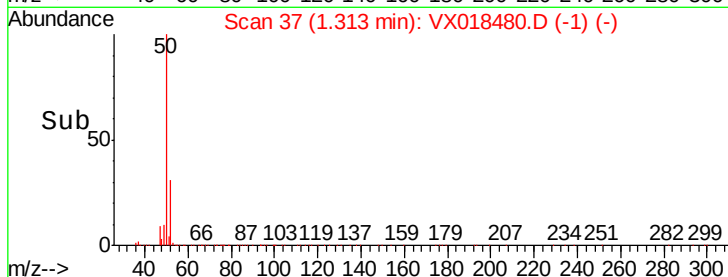
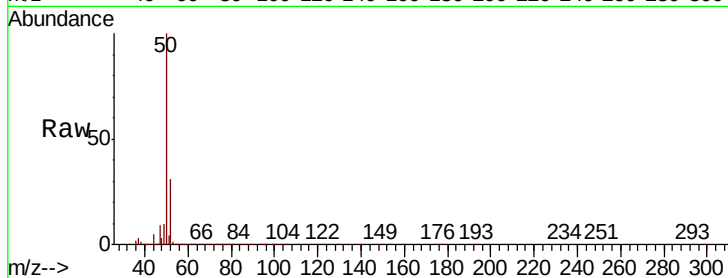




#3
Chloromethane
Concen: 18.630 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

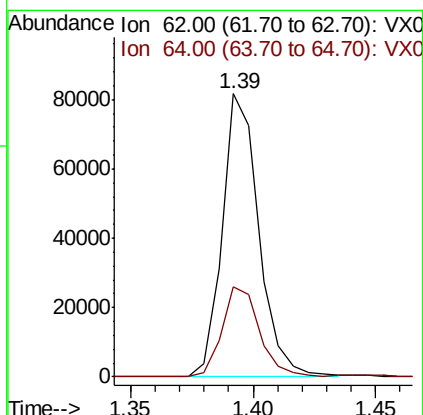
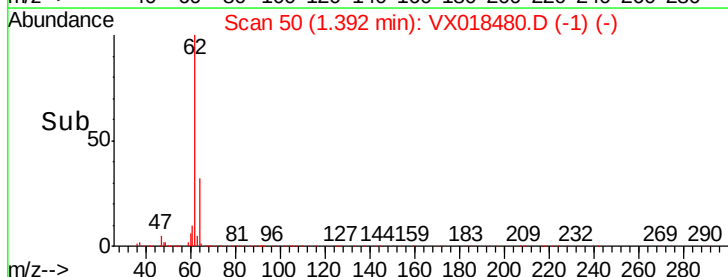
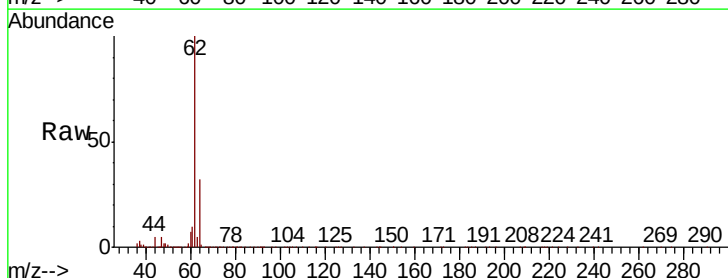
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

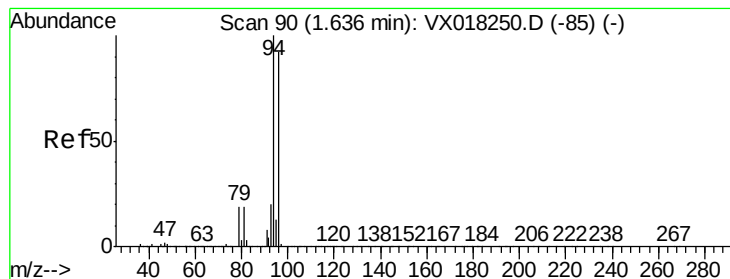
Tot Ion: 50 Resp: 82441
Ion Ratio Lower Upper
50 100
52 30.7 27.1 40.7



#4
Vinyl Chloride
Concen: 17.881 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion: 62 Resp: 83322
Ion Ratio Lower Upper
62 100
64 31.7 25.2 37.8





#5

Bromomethane

Concen: 20.037 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

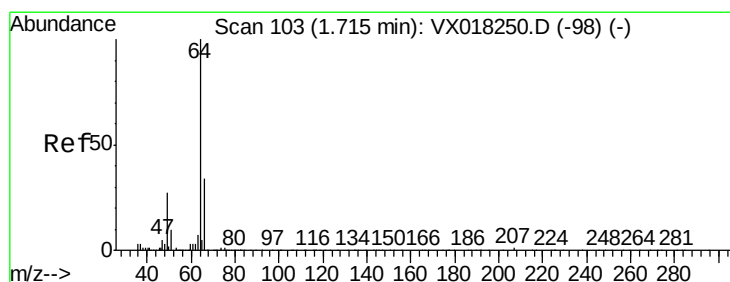
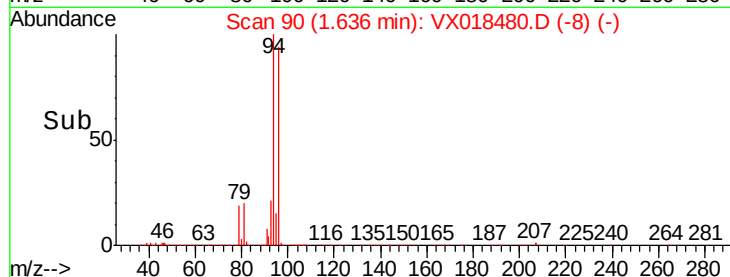
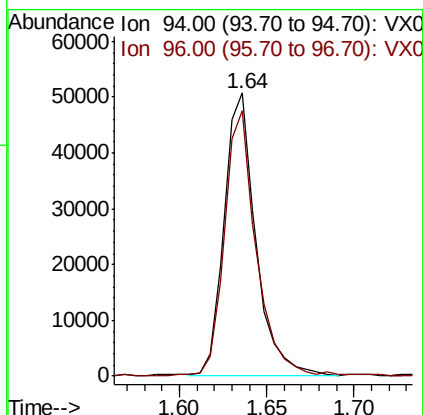
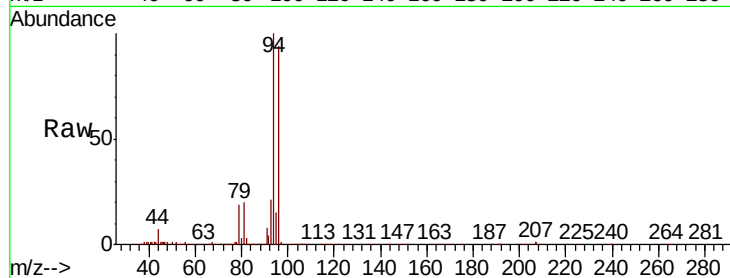
VSTDCCC020

Tot Ion: 94 Resp: 63525

Ion Ratio Lower Upper

94 100

96 93.8 73.9 110.9



#6

Chloroethane

Concen: 18.557 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018480.D

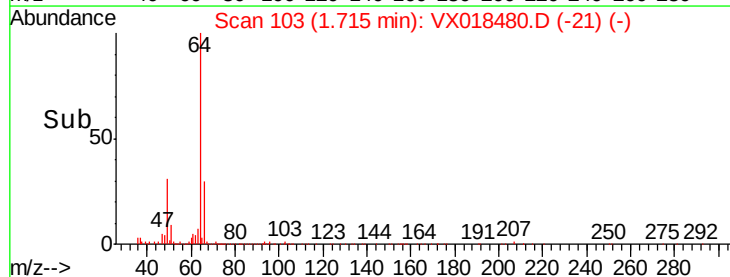
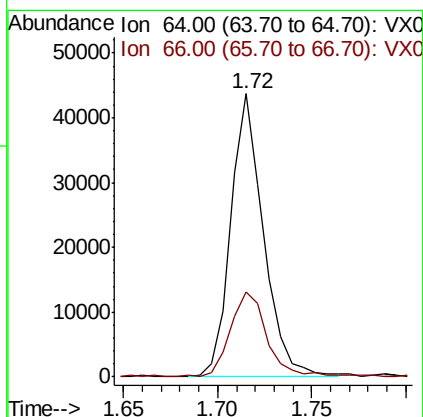
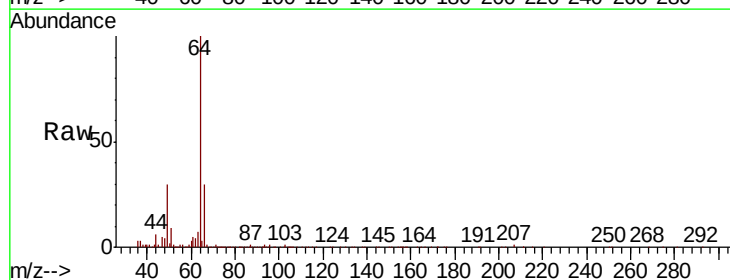
Acq: 18 Sep 2020 09:53

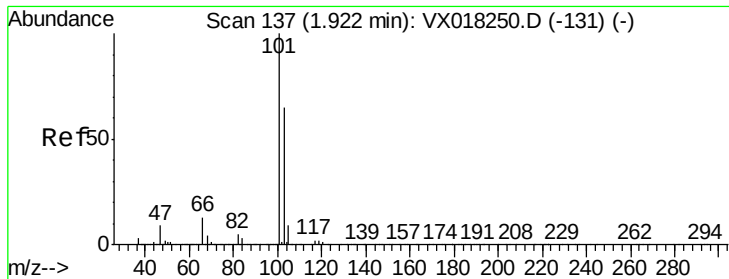
Tgt Ion: 64 Resp: 52555

Ion Ratio Lower Upper

64 100

66 29.7 27.0 40.4



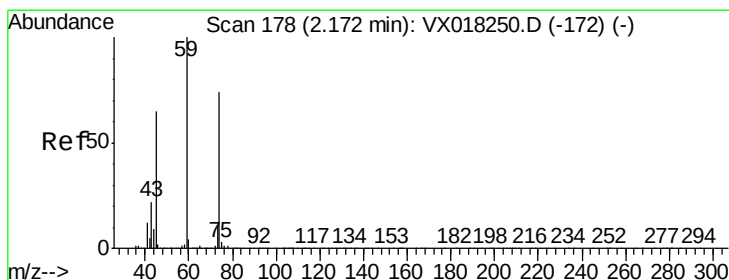
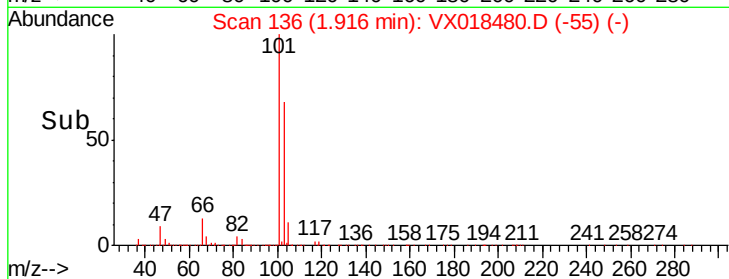
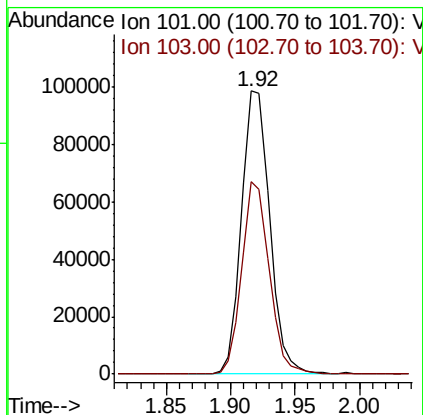
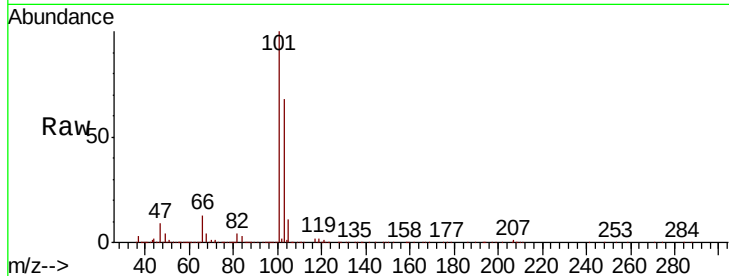


#7

Trichlorofluoromethane
Concen: 18.956 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

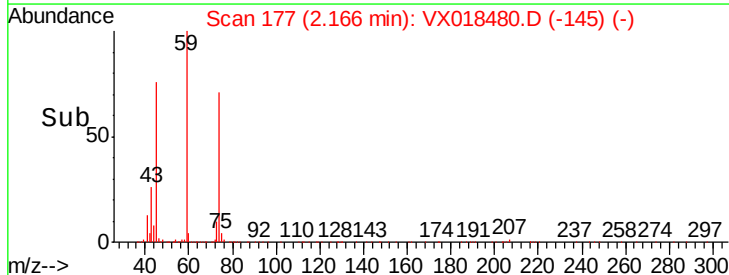
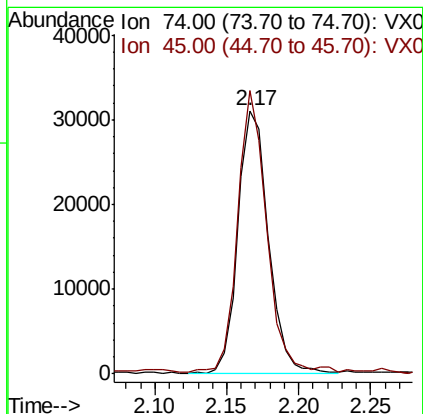
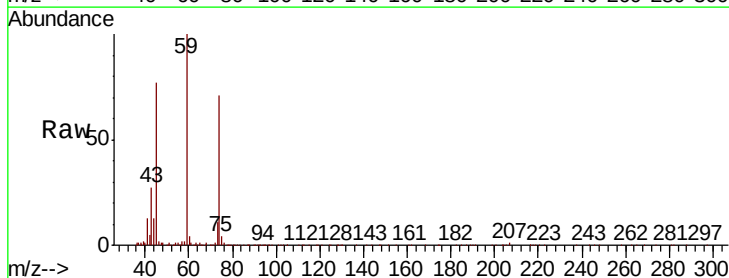
Tot Ion:101 Resp: 149691
Ion Ratio Lower Upper
101 100
103 68.0 52.3 78.5

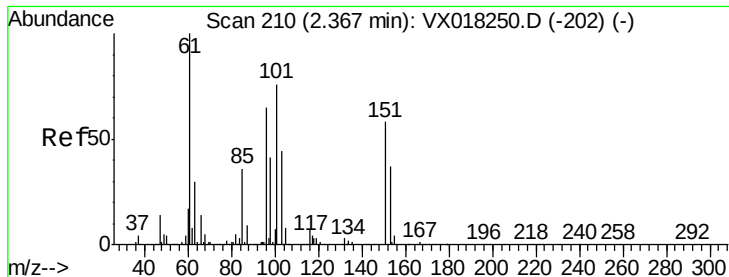


#8

Diethyl Ether
Concen: 18.470 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion: 74 Resp: 45982
Ion Ratio Lower Upper
74 100
45 98.6 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.568 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

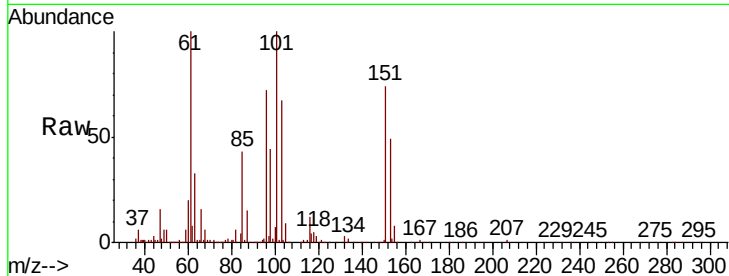
Tot Ion:101 Resp: 78950

Ion Ratio Lower Upper

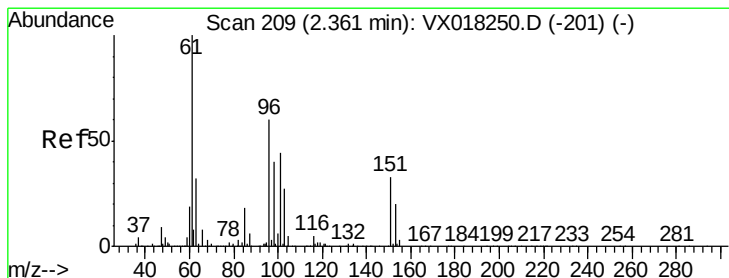
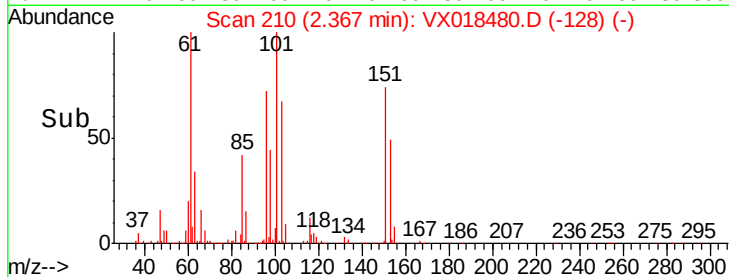
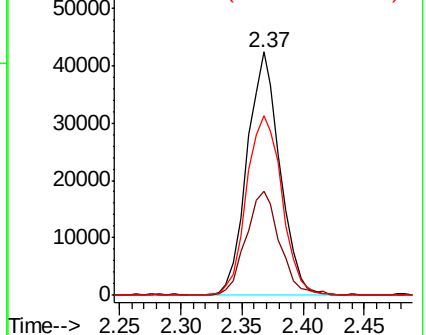
101 100

85 44.4 0.0 87.8

151 80.0 0.0 161.4



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



#10

1,1-Dichloroethene

Concen: 18.925 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

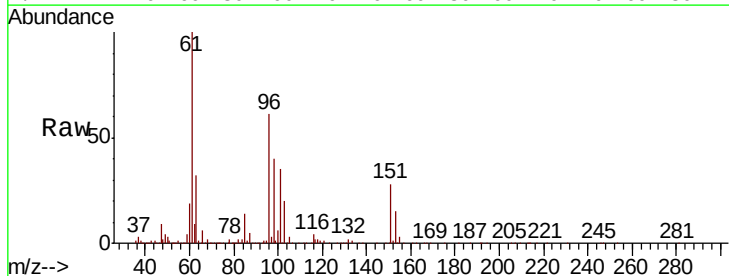
Tgt Ion: 96 Resp: 74953

Ion Ratio Lower Upper

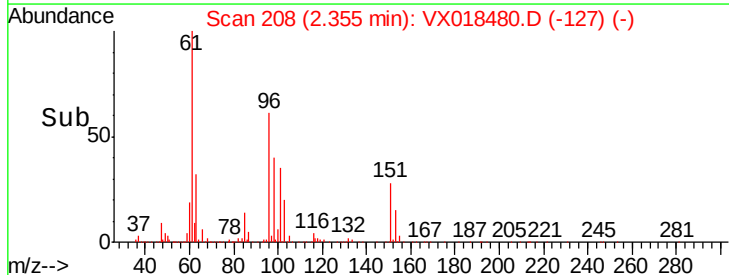
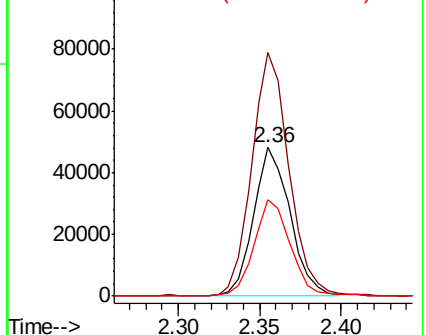
96 100

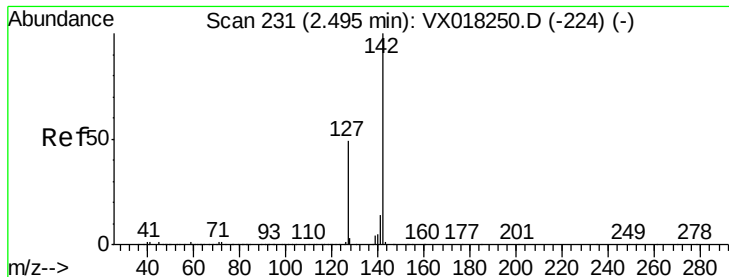
61 164.1 132.5 198.7

98 64.8 52.4 78.6



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

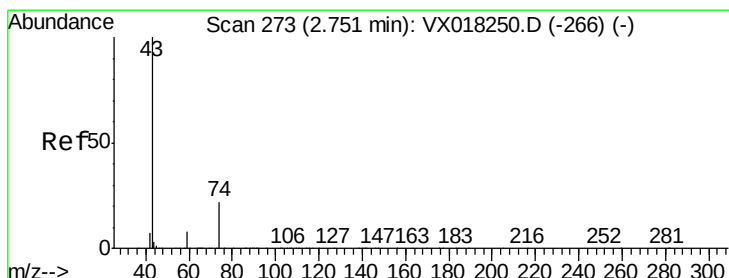
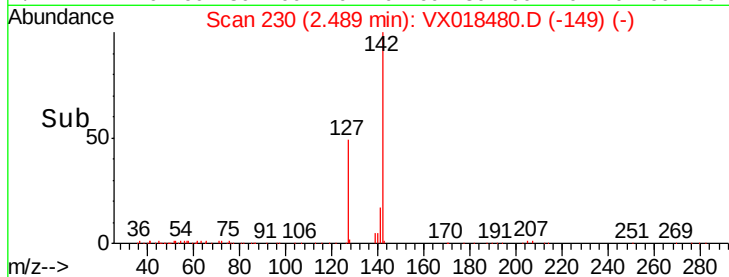
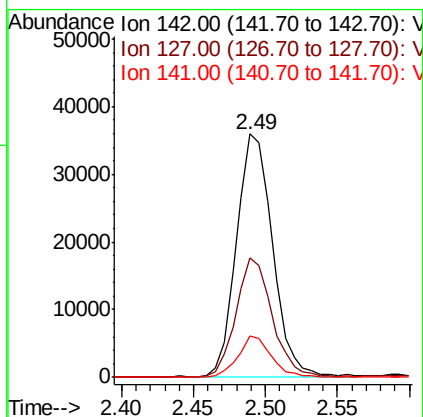
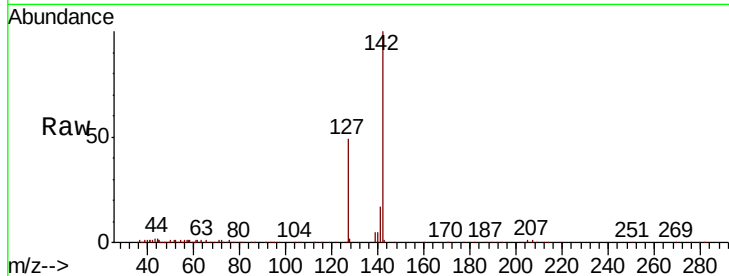




#11
Methvl Iodide
Concen: 18.074 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

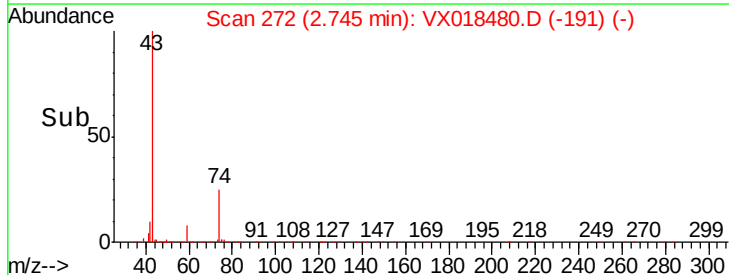
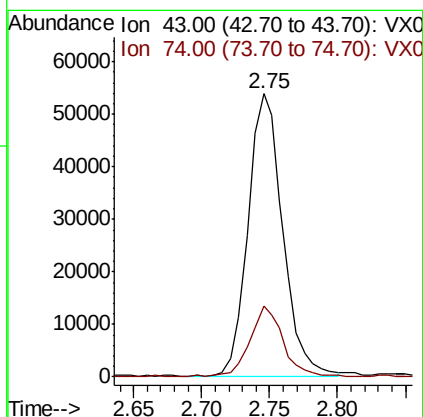
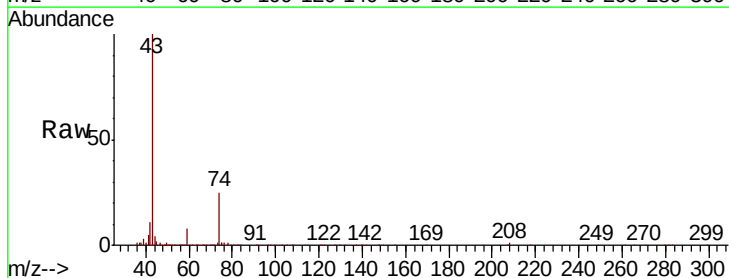
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

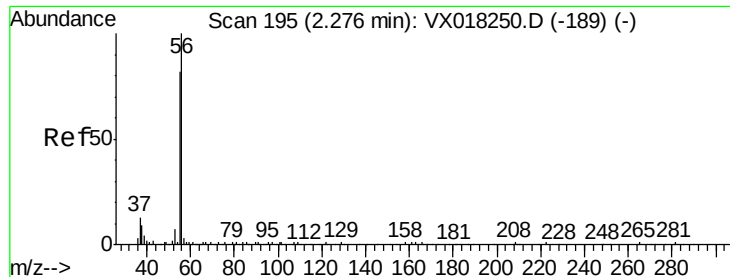
Tot Ion:142 Resp: 63091
Ion Ratio Lower Upper
142 100
127 48.9 24.6 74.0
141 16.9 7.0 21.0



#12
Methyl Acetate
Concen: 18.401 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion: 43 Resp: 95931
Ion Ratio Lower Upper
43 100
74 24.7 18.0 27.0





#13

Acrolein

Concen: 91.198 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

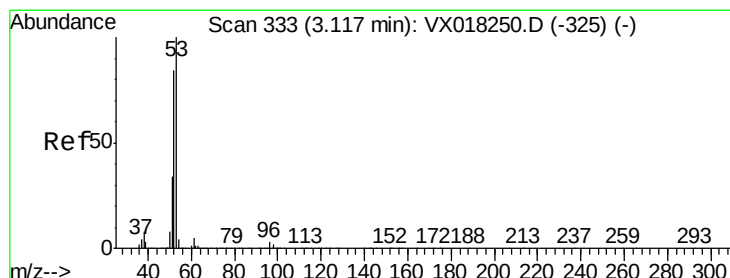
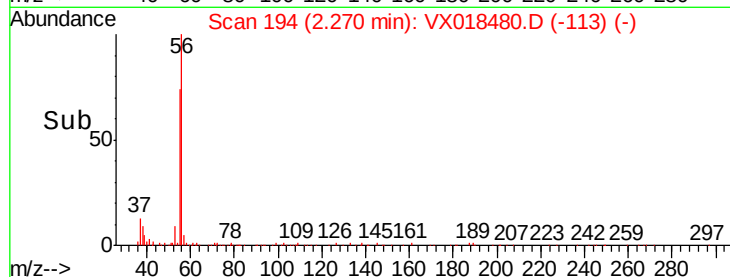
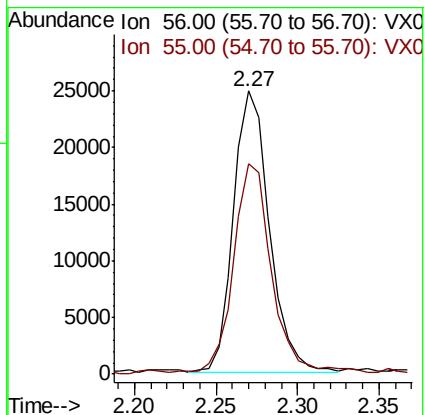
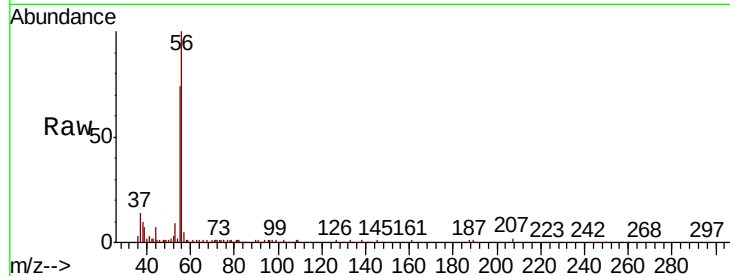
VSTDCCC020

Tot Ion: 56 Resp: 38371

Ion Ratio Lower Upper

56 100

55 75.2 59.7 89.5



#14

Acrylonitrile

Concen: 88.174 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

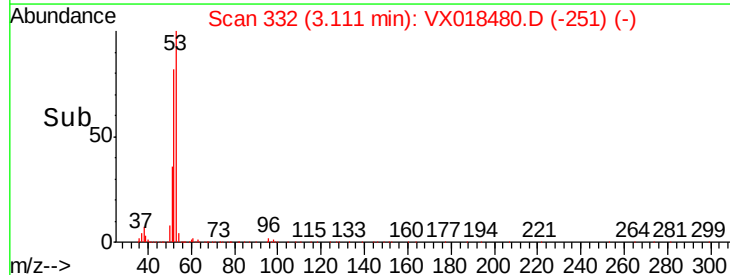
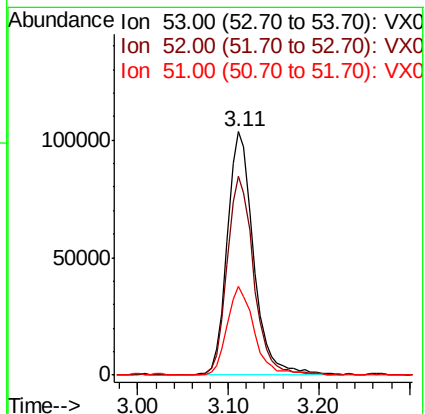
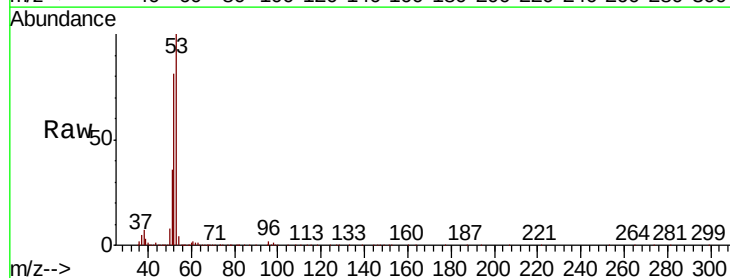
Tgt Ion: 53 Resp: 208291

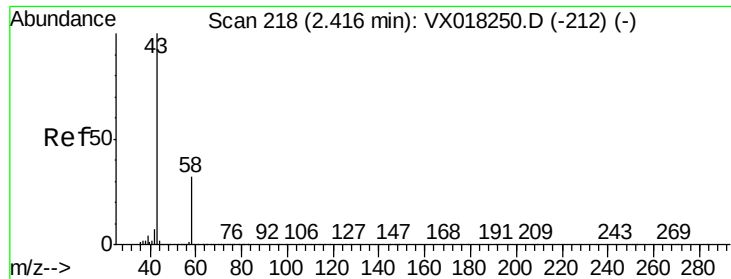
Ion Ratio Lower Upper

53 100

52 82.1 41.9 125.7

51 36.6 18.3 54.8





#15

Acetone

Concen: 103.841 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

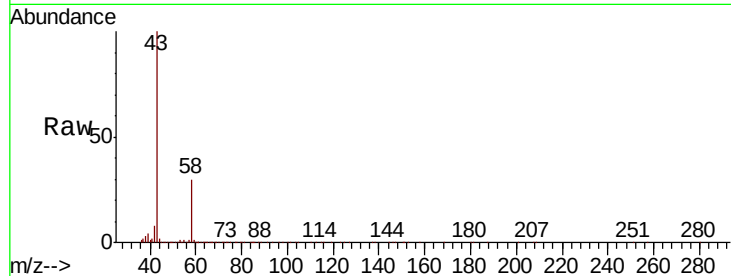
VSTDCCC020

Tot Ion: 58 Resp: 66694

Ion Ratio Lower Upper

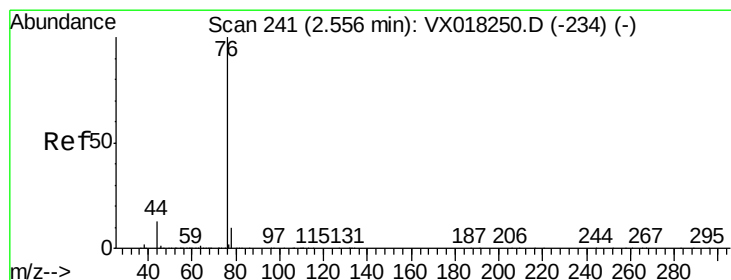
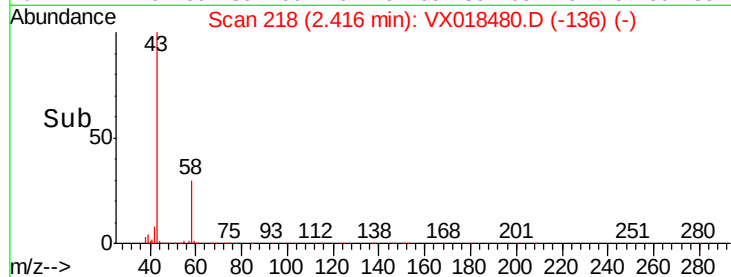
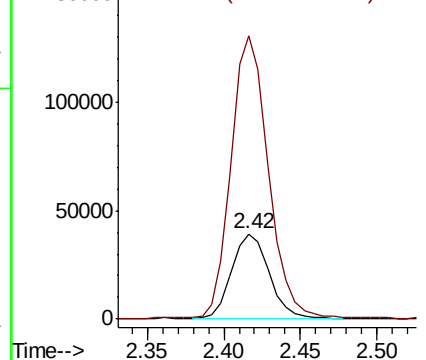
58 100

43 331.2 248.2 372.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.419 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018480.D

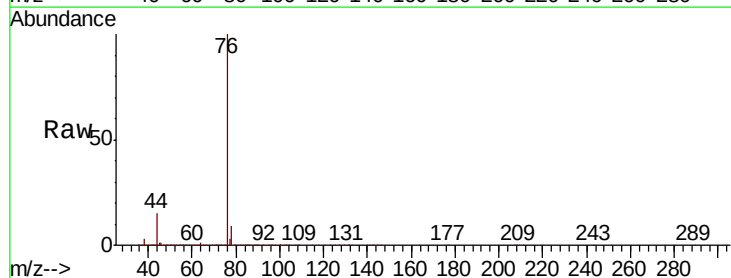
Acq: 18 Sep 2020 09:53

Tgt Ion: 76 Resp: 212404

Ion Ratio Lower Upper

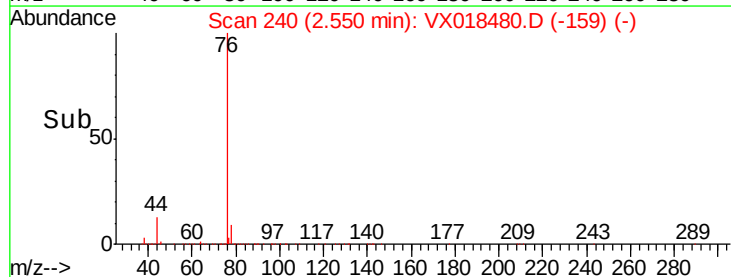
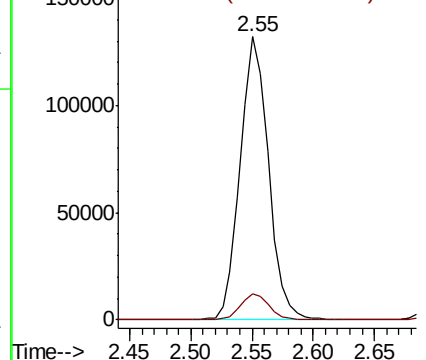
76 100

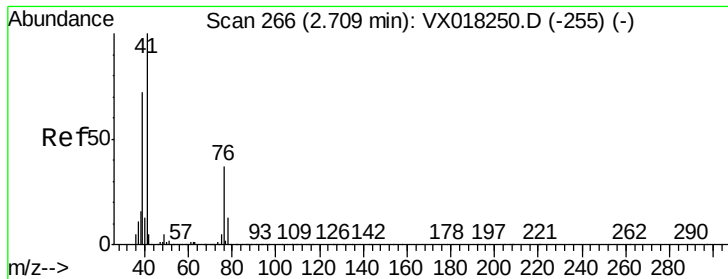
78 9.4 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

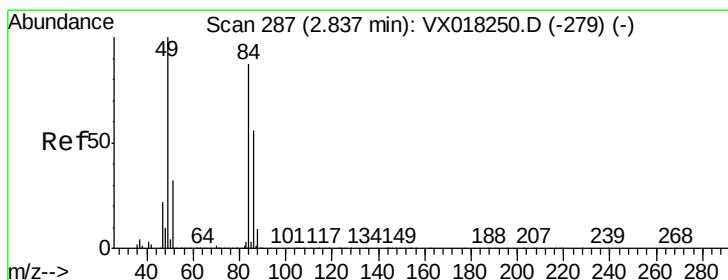
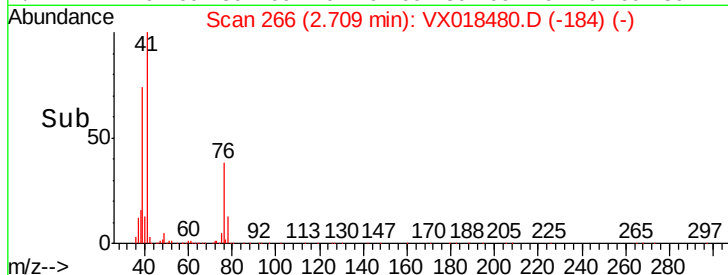
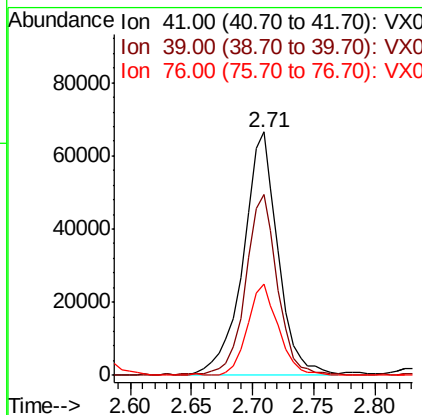
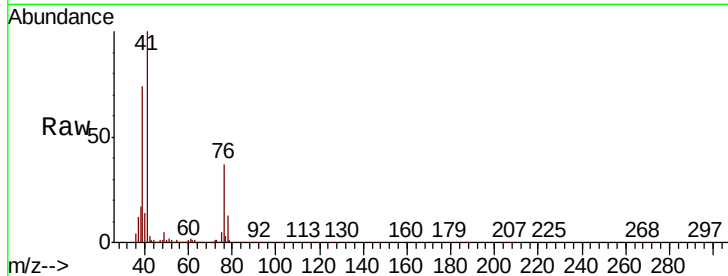




#17
Allvl chloride
Concen: 18.386 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

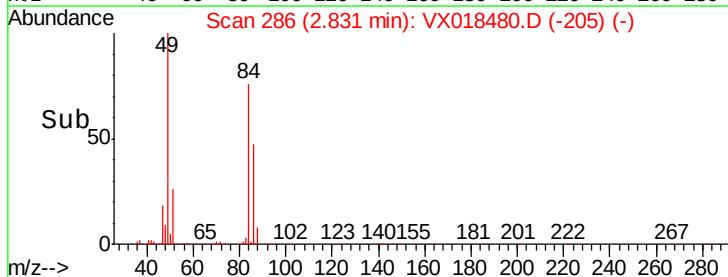
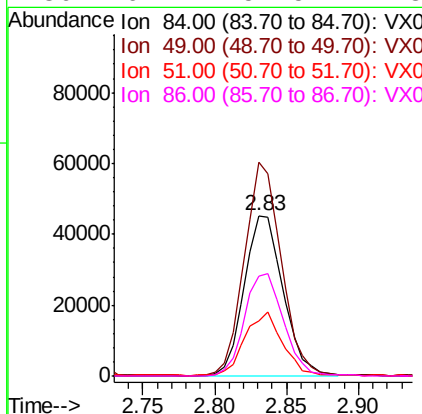
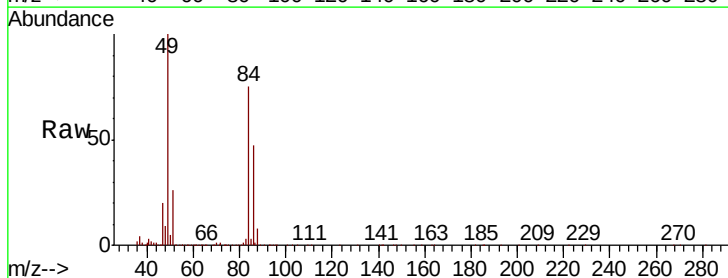
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

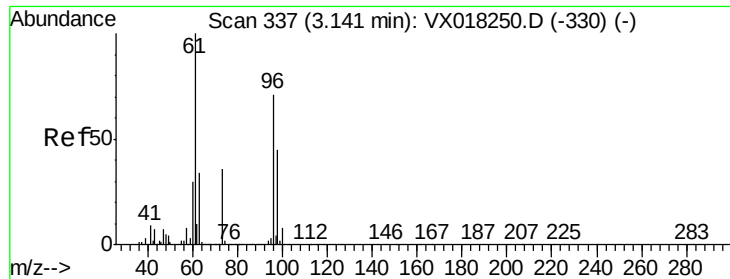
Tot Ion: 41 Resp: 130153
Ion Ratio Lower Upper
41 100
39 73.8 36.0 108.1
76 37.3 18.6 55.6



#18
Methylene Chloride
Concen: 18.213 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion: 84 Resp: 84661
Ion Ratio Lower Upper
84 100
49 132.9 91.6 137.4
51 33.4 29.4 44.0
86 62.1 51.5 77.3





#19

trans-1,2-Dichloroethene

Concen: 19.093 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

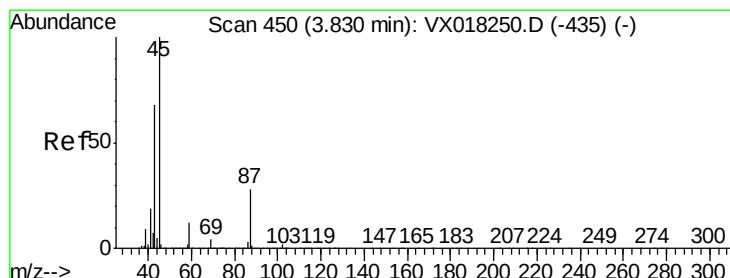
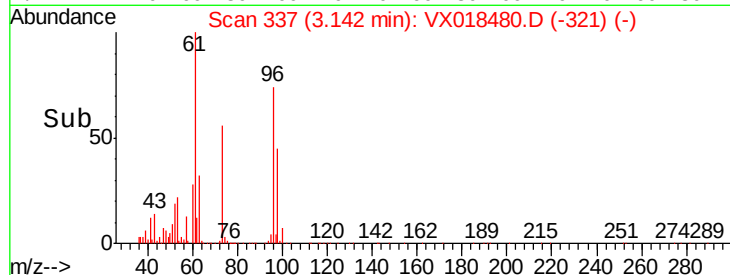
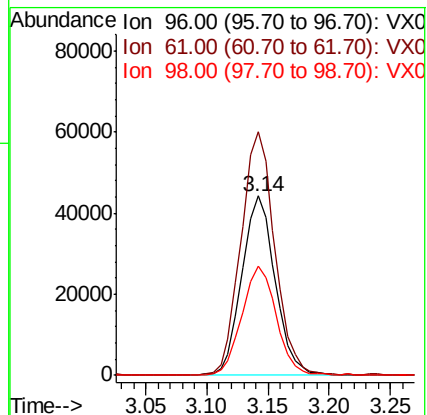
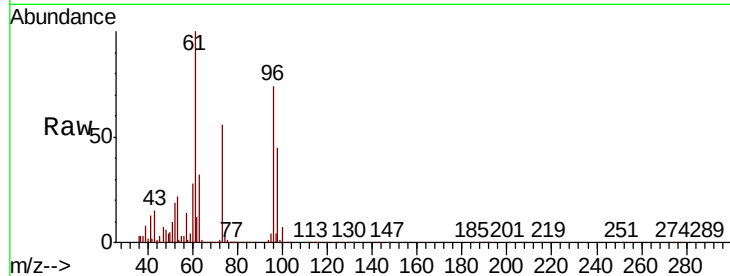
Tot Ion: 96 Resp: 83956

Ion Ratio Lower Upper

96 100

61 136.0 112.8 169.2

98 60.9 51.0 76.4



#20

Diisopropyl ether

Concen: 18.932 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion: 45 Resp: 265319

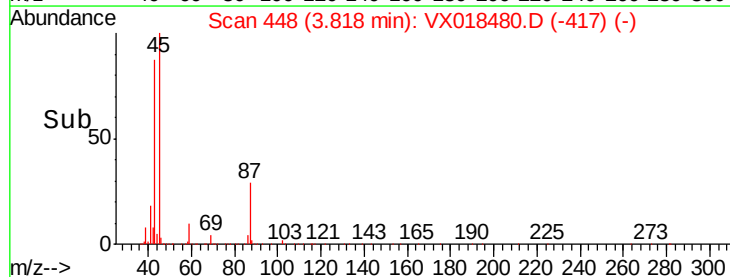
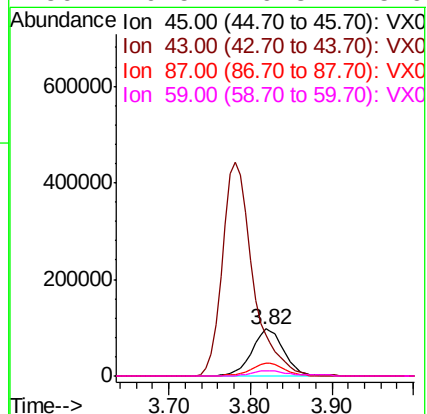
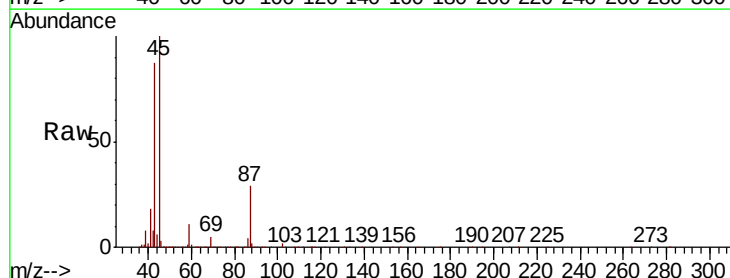
Ion Ratio Lower Upper

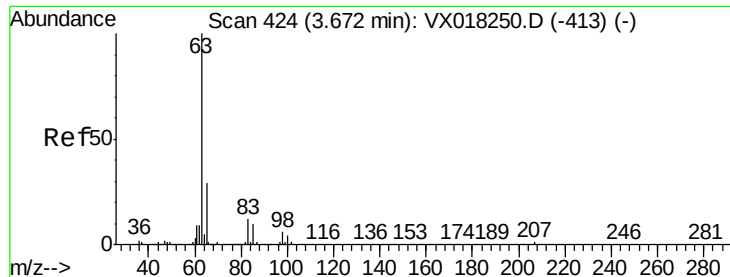
45 100

43 86.1 54.5 81.7#

87 28.6 22.2 33.2

59 10.5 9.3 13.9





#21

1,1-Dichloroethane

Concen: 18.779 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

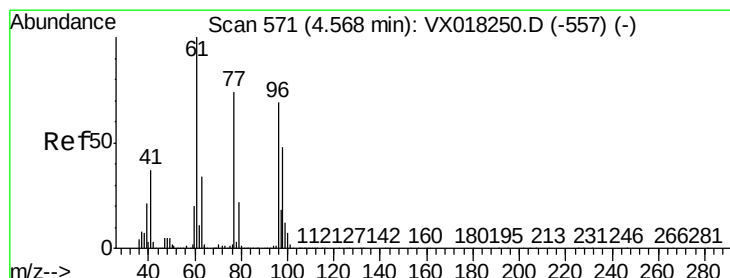
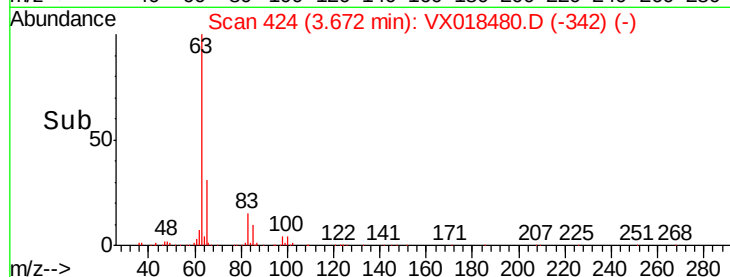
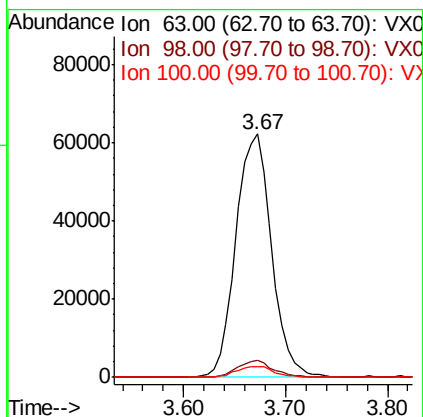
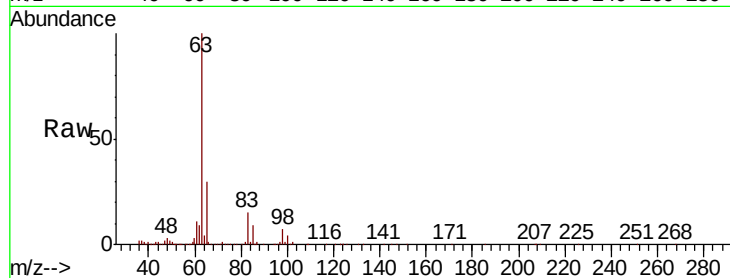
Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	151057
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.2	9.6
100	4.3	2.1	6.3



#22

cis-1,2-Dichloroethene

Concen: 18.428 ug/l

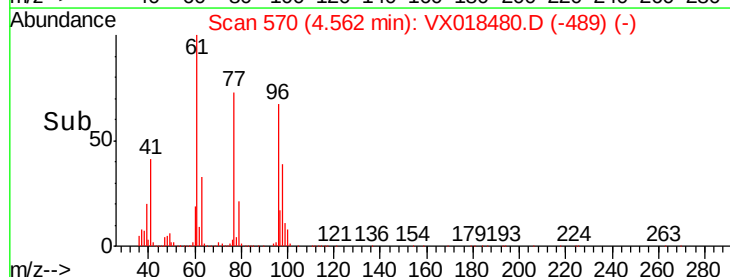
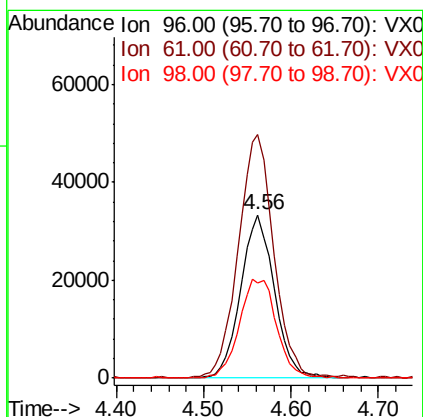
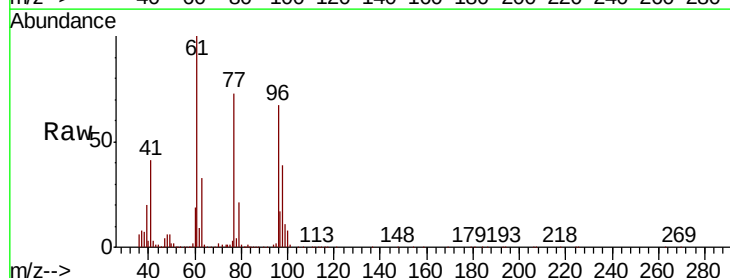
RT: 4.56 min Scan# 570

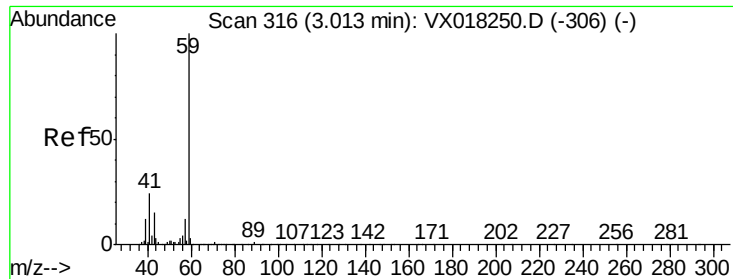
Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion:	96	Resp:	89659
Ion	Ratio	Lower	Upper
96	100		
61	155.9	116.2	174.4
98	66.5	52.5	78.7





#23

tert-Butyl Alcohol

Concen: 89.303 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

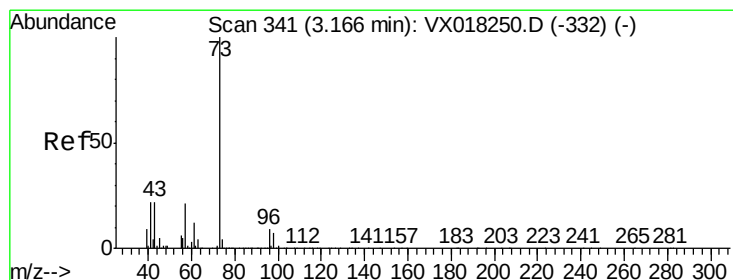
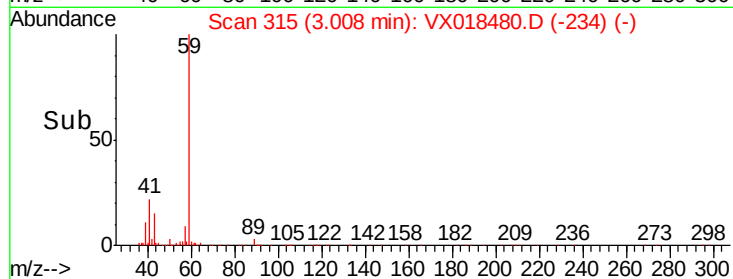
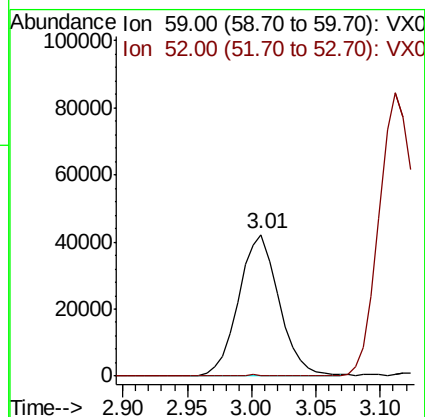
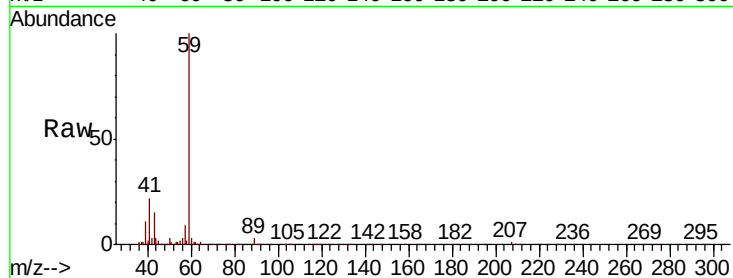
Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 59 Resp: 91417

Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.4	0.6#



#24

Methyl tert-Butyl Ether

Concen: 18.319 ug/l

RT: 3.17 min Scan# 341

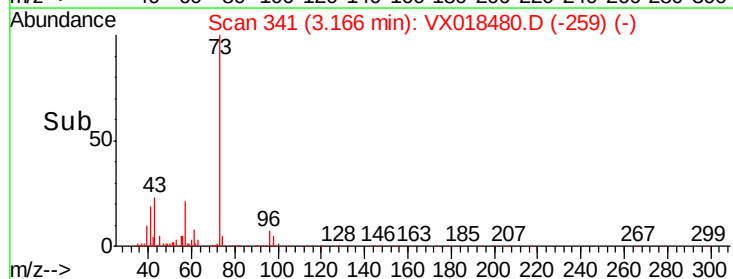
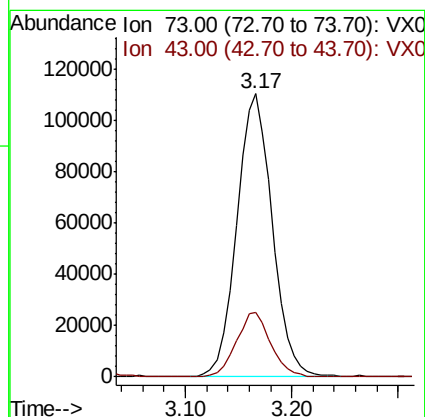
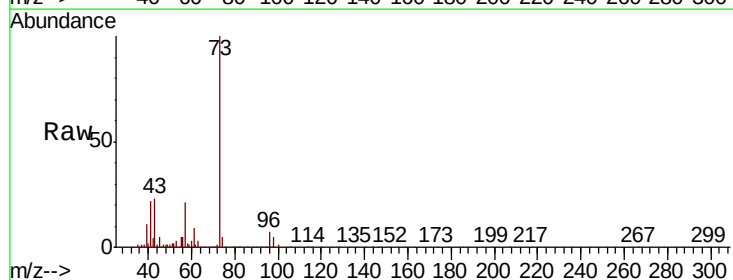
Delta R.T. 0.00 min

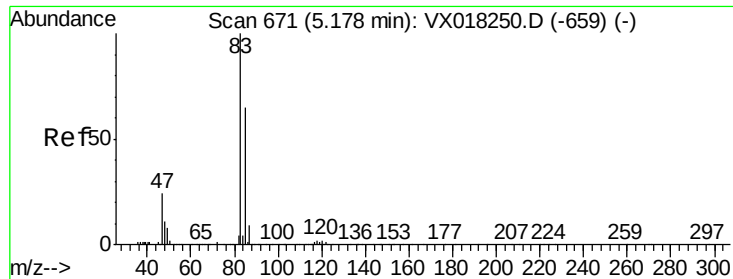
Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion: 73 Resp: 257937

Ion	Ratio	Lower	Upper
73	100		
43	22.3	17.8	26.6

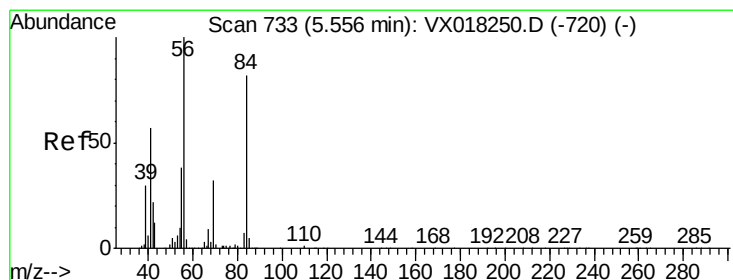
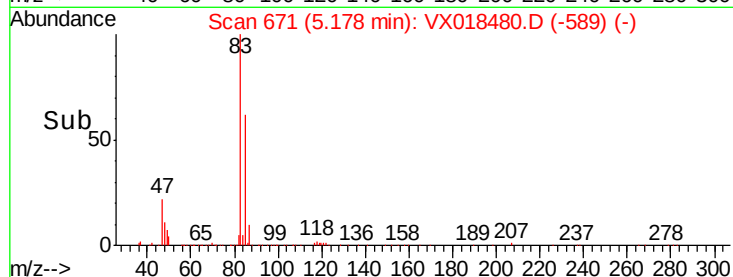
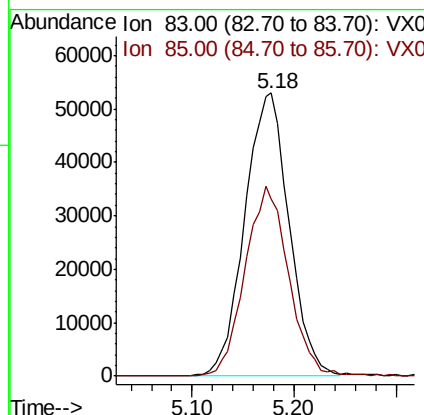
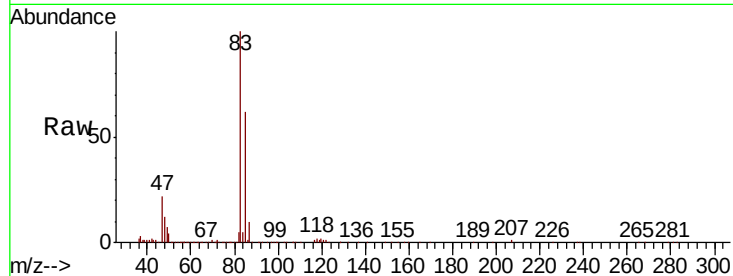




#25
Chloroform
Concen: 18.611 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

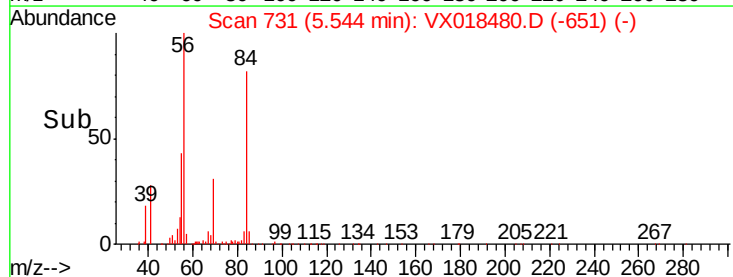
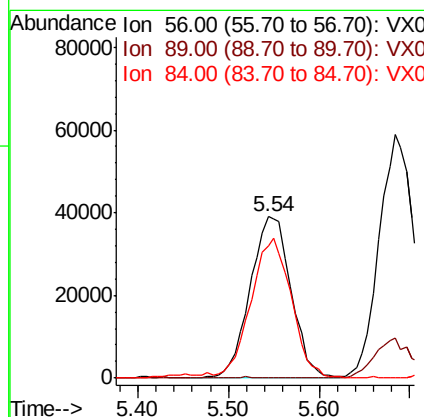
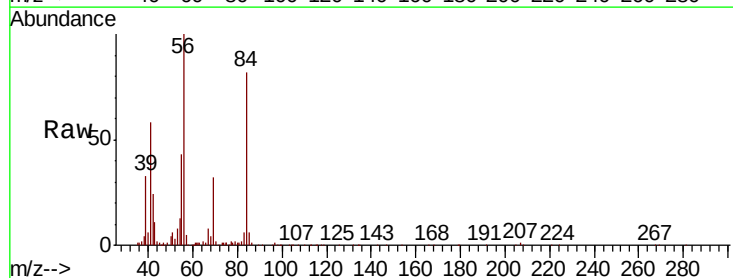
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

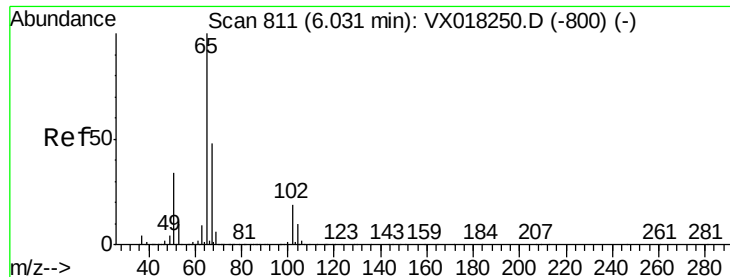
Tot Ion: 83 Resp: 159771
Ion Ratio Lower Upper
83 100
85 62.3 51.6 77.4



#26
Cyclohexane
Concen: 18.754 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion: 56 Resp: 121764
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1
84 86.0 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 30.225 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

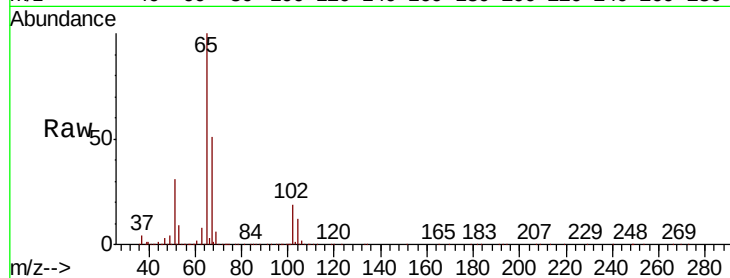
VSTDCCC020

Tot Ion: 65 Resp: 187738

Ion Ratio Lower Upper

65 100

67 50.8 39.9 59.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

80000

60000

40000

20000

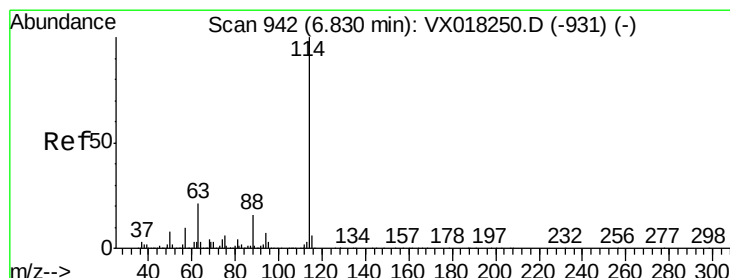
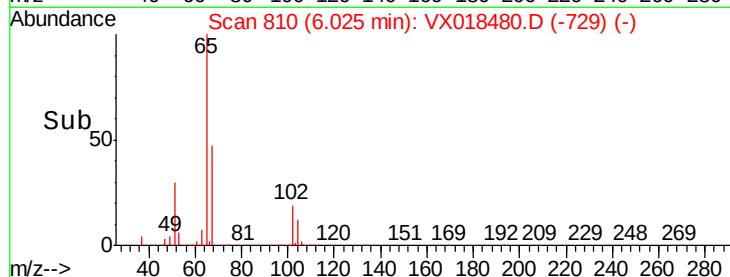
0

Time-->

5.90

6.00

6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

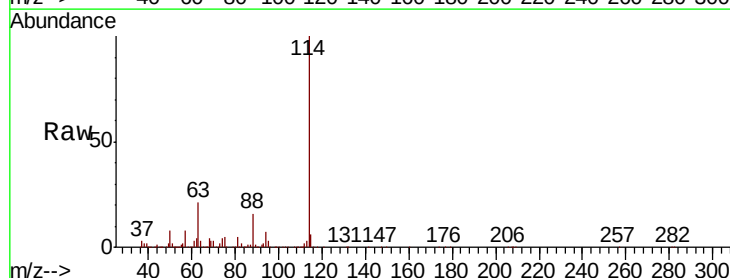
Tgt Ion: 114 Resp: 409390

Ion Ratio Lower Upper

114 100

63 20.9 16.7 25.1

88 15.8 12.6 18.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

200000

150000

100000

50000

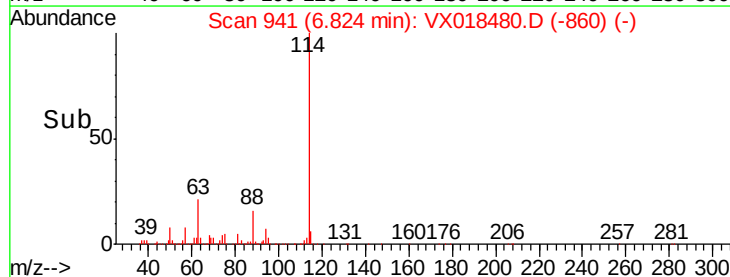
0

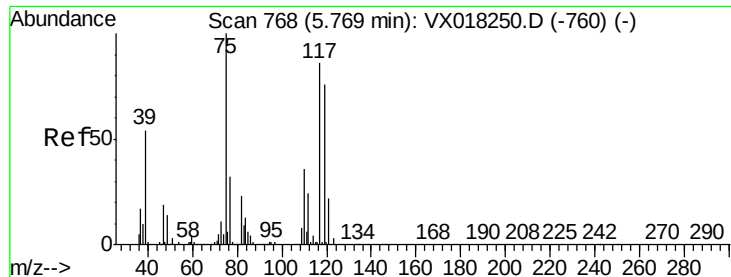
Time-->

6.70

6.80

6.90

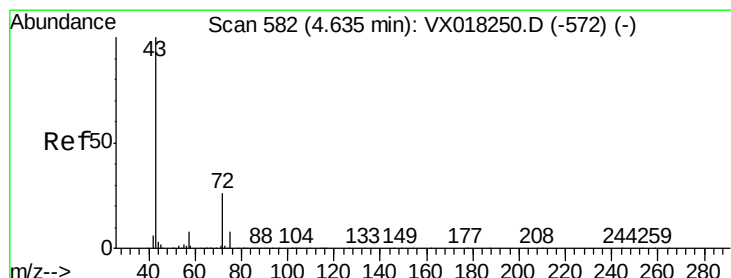
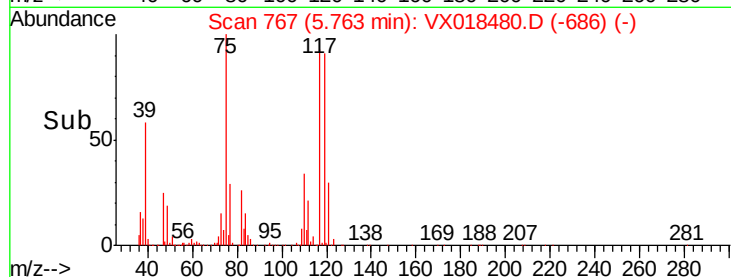
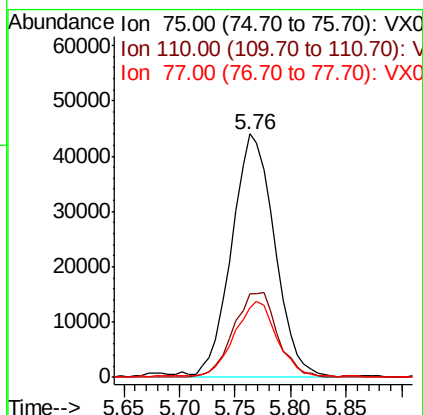
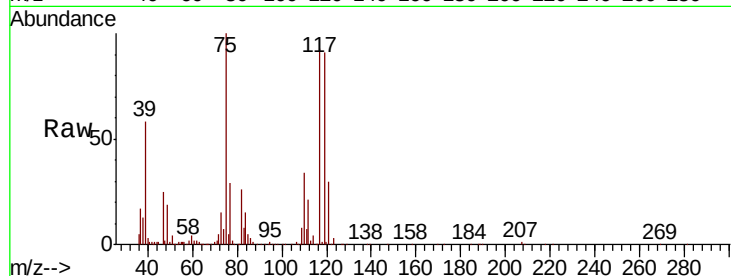




#29
 1,1-Dichloropropene
 Concen: 18.748 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

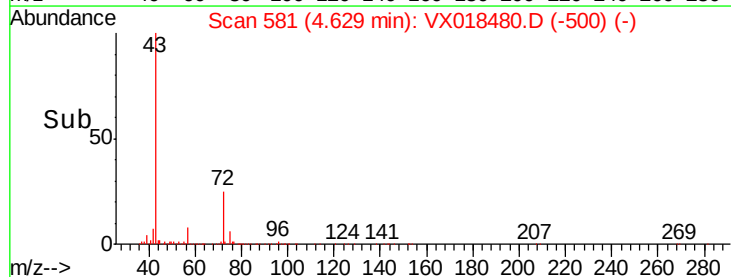
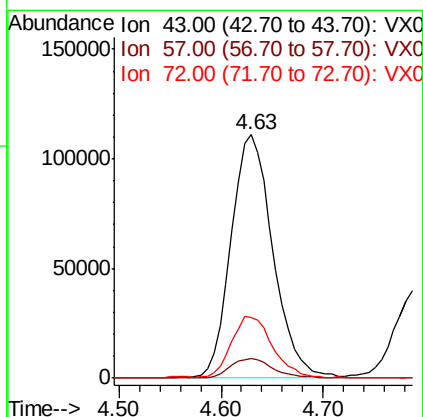
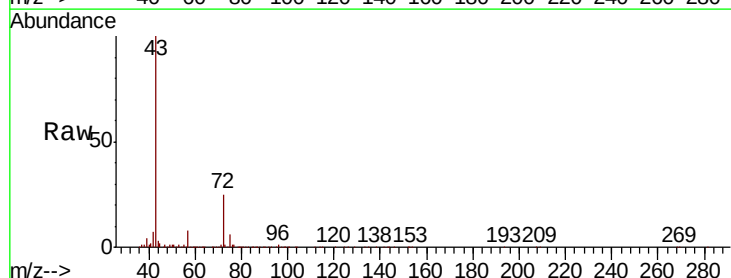
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

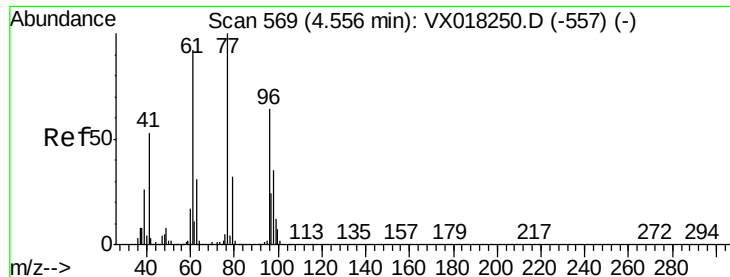
Tot Ion:	75	Resp:	117159
Ion	Ratio	Lower	Upper
75	100		
110	36.1	0.0	72.2
77	30.8	0.0	61.0



#30
 2-Butanone
 Concen: 91.847 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion:	43	Resp:	314276
Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.7	10.1
72	24.4	20.0	30.0

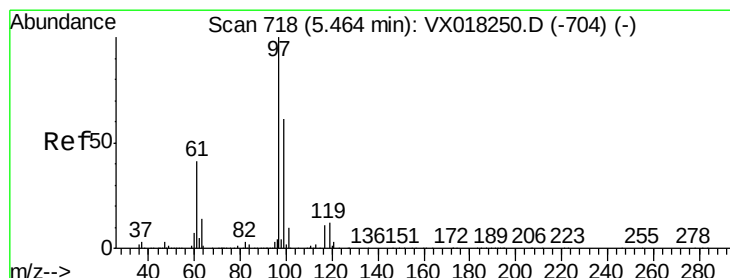
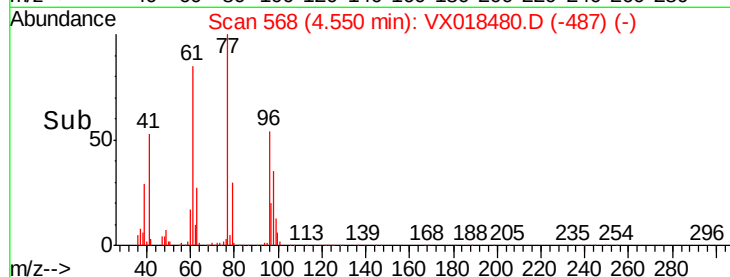
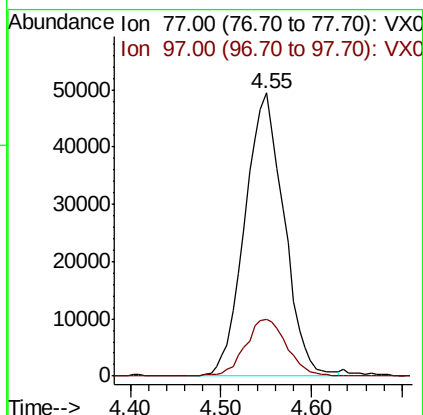
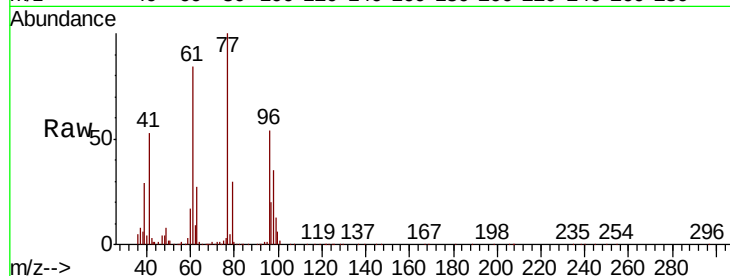




#31
 2,2-Dichloropropane
 Concen: 19.627 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

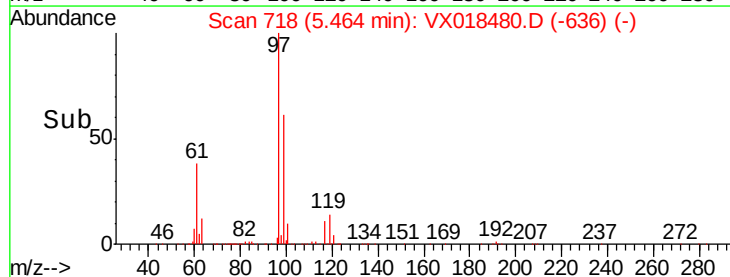
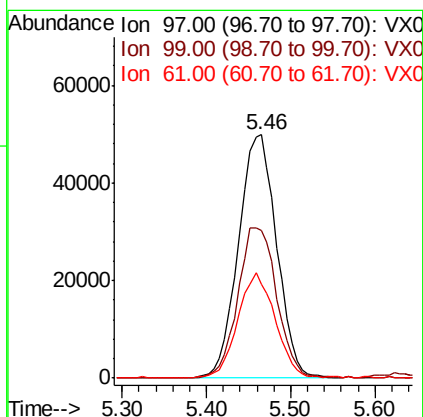
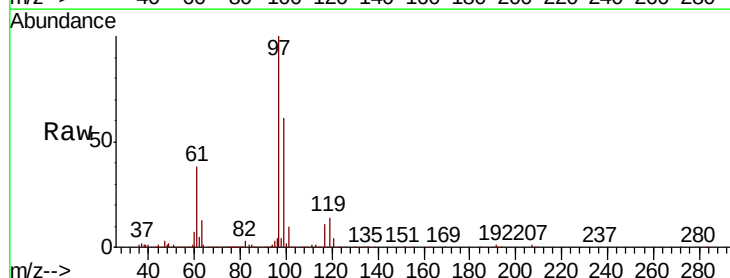
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

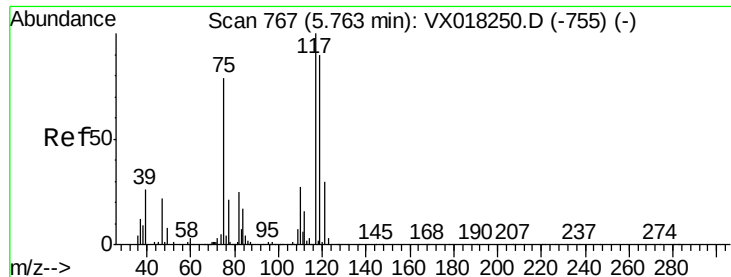
Tot Ion: 77 Resp: 148150
 Ion Ratio Lower Upper
 77 100
 97 21.1 18.1 27.1



#32
 1,1,1-Trichloroethane
 Concen: 18.777 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion: 97 Resp: 153593
 Ion Ratio Lower Upper
 97 100
 99 63.2 50.7 76.1
 61 42.1 34.5 51.7





#33

Carbon Tetrachloride

Concen: 18.523 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

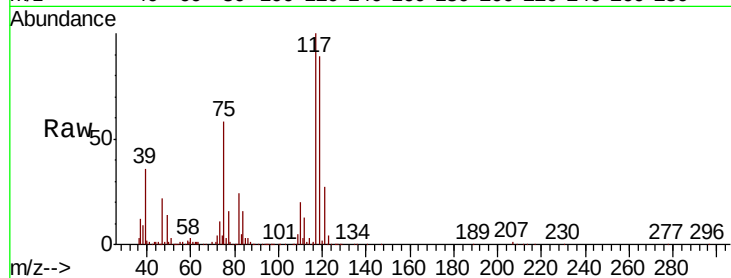
Tot Ion:117 Resp: 141180

Ion Ratio Lower Upper

117 100

119 89.0 72.3 108.5

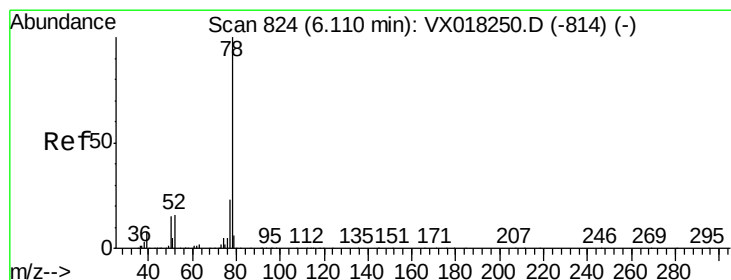
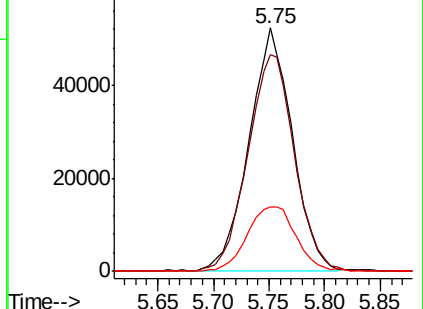
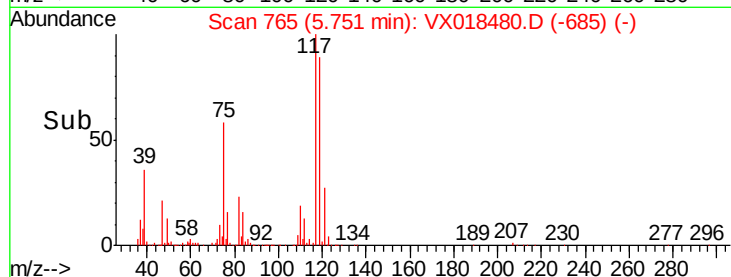
121 26.7 24.1 36.1



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 18.438 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

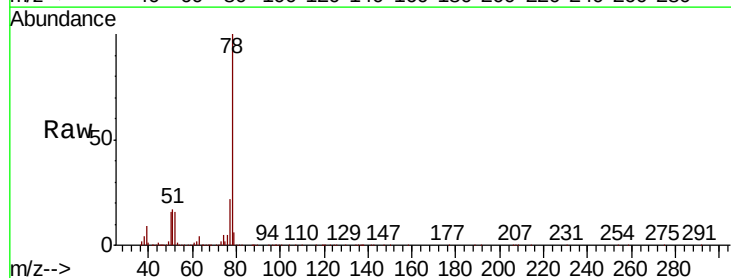
Tgt Ion: 78 Resp: 328906

Ion Ratio Lower Upper

78 100

77 22.3 18.3 27.5

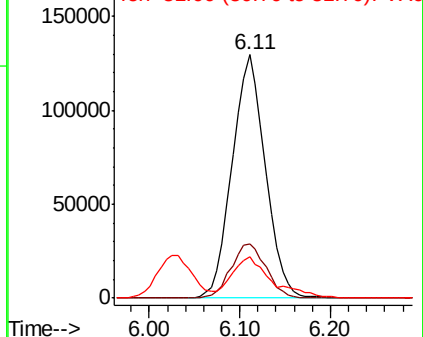
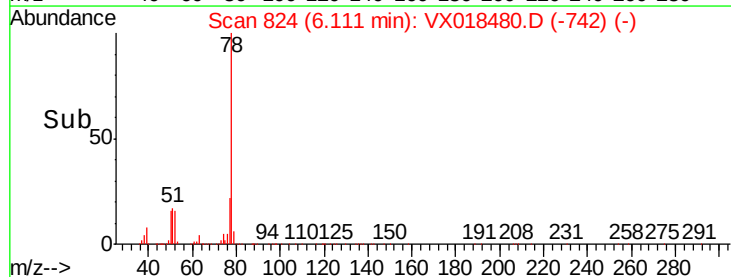
51 16.7 11.3 16.9

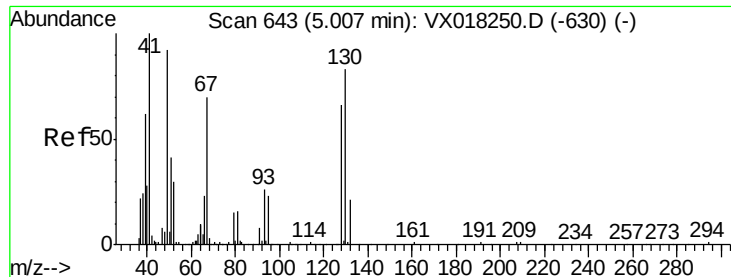


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

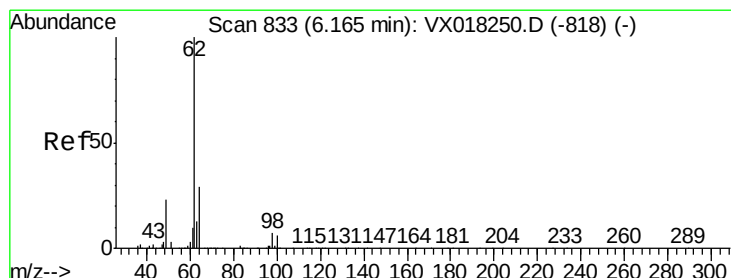
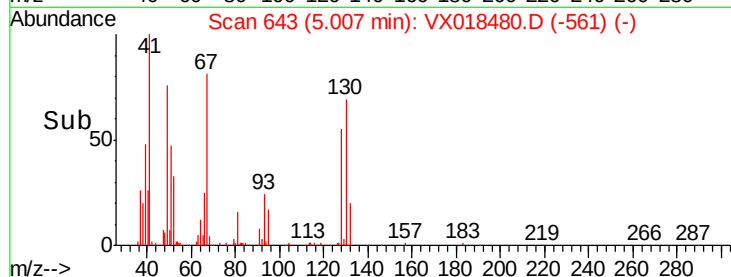
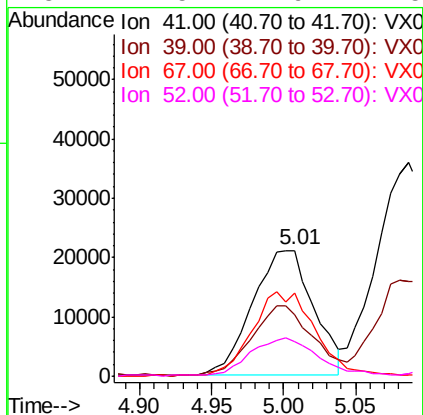
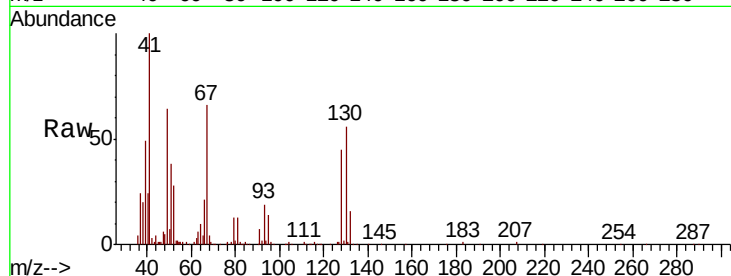




#35
Methacrylonitrile
Concen: 17.170 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

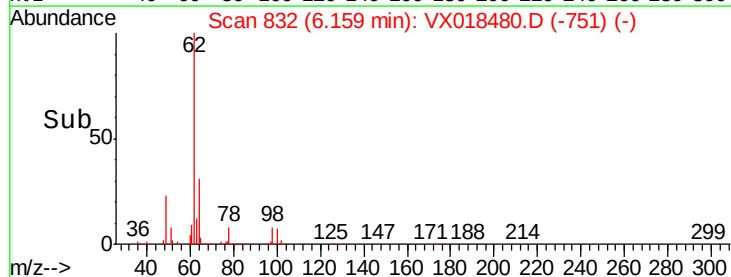
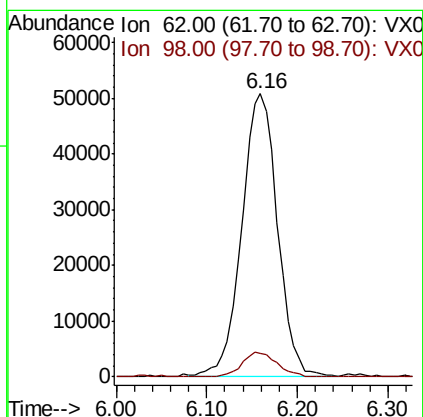
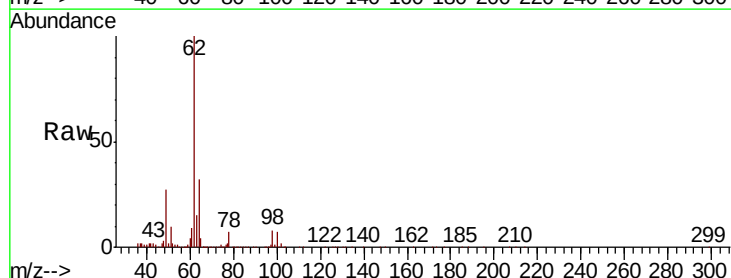
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

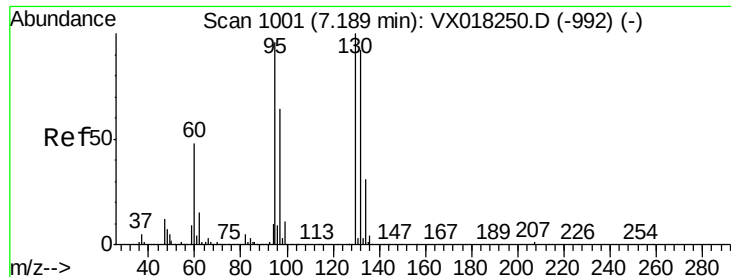
Tot Ion:	41	Resp:	61916
Ion	Ratio	Lower	Upper
41	100		
39	48.5	31.3	93.9
67	66.7	35.4	106.2
52	27.5	14.9	44.5



#36
1,2-Dichloroethane
Concen: 18.666 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion:	62	Resp:	137801
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	0.0#

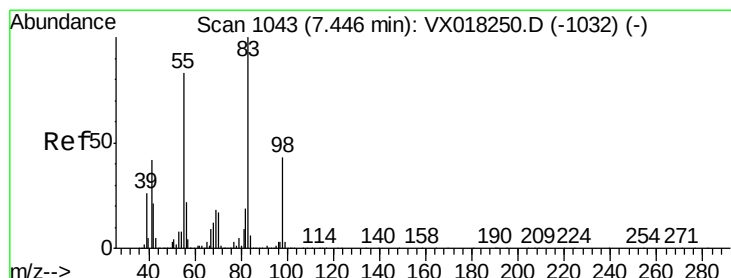
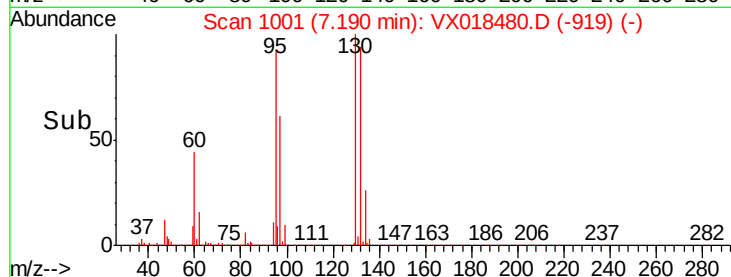
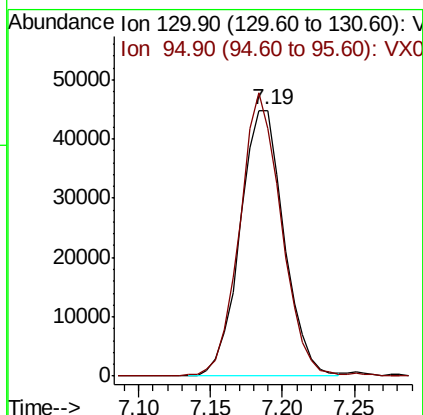
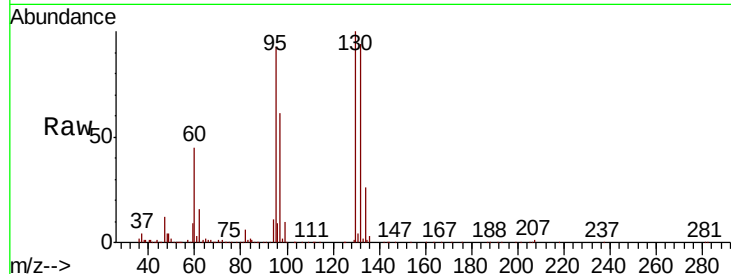




#37
 Trichloroethene
 Concen: 18.402 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

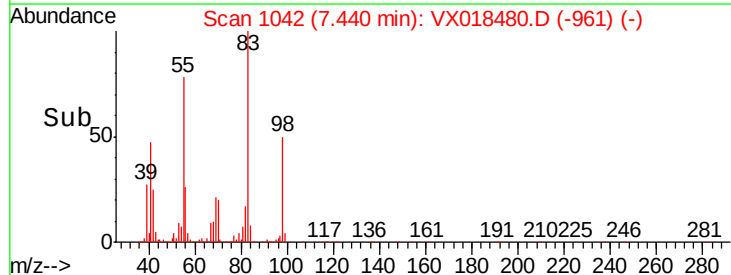
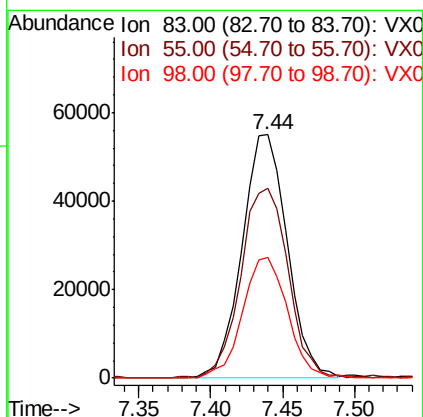
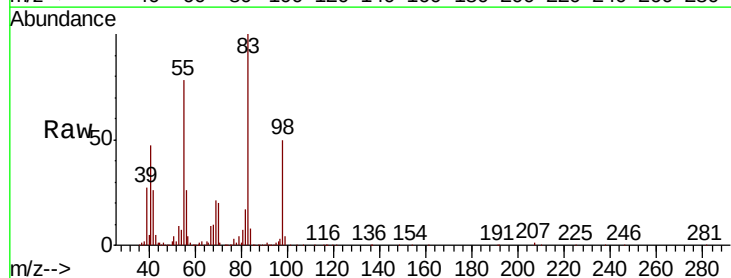
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

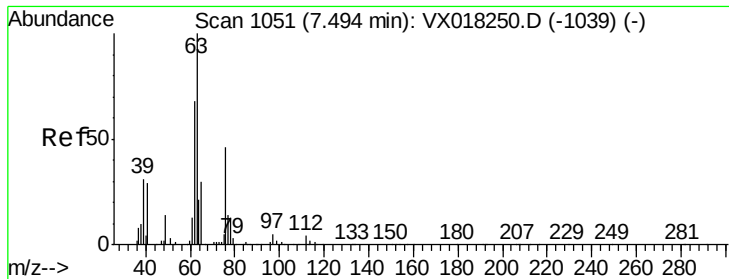
Tot Ion:130 Resp: 94924
 Ion Ratio Lower Upper
 130 100
 95 92.8 76.9 115.3



#38
 Methylcyclohexane
 Concen: 17.996 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion: 83 Resp: 119790
 Ion Ratio Lower Upper
 83 100
 55 80.2 41.1 123.4
 98 49.0 24.0 72.0





#39

1,2-Dichloropropane

Concen: 17.554 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

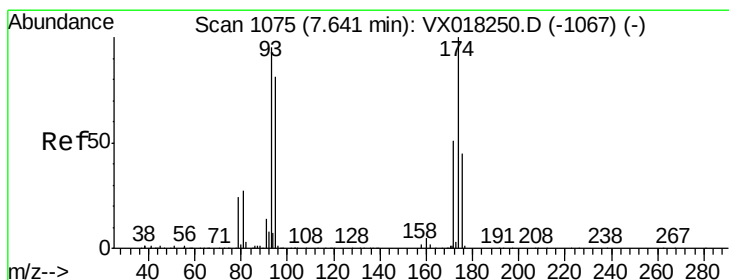
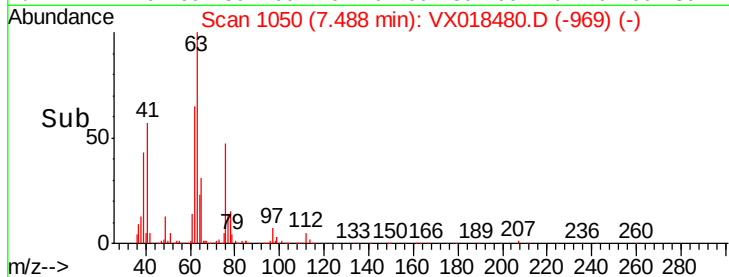
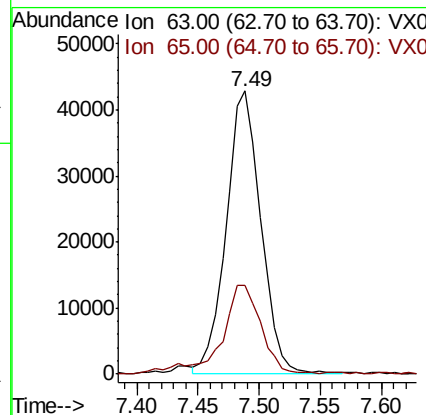
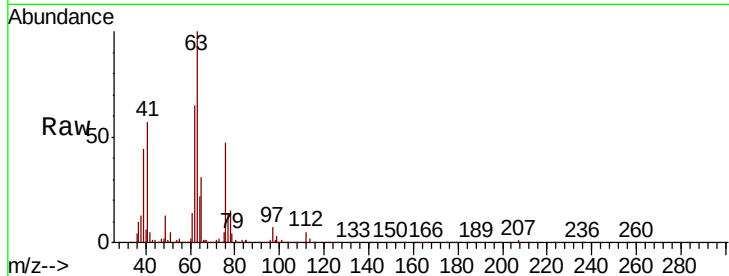
VSTDCCC020

Tot Ion: 63 Resp: 83871

Ion Ratio Lower Upper

63 100

65 30.9 25.7 38.5



#40

Dibromomethane

Concen: 17.747 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

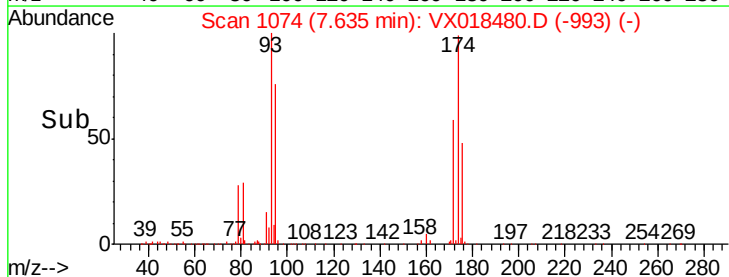
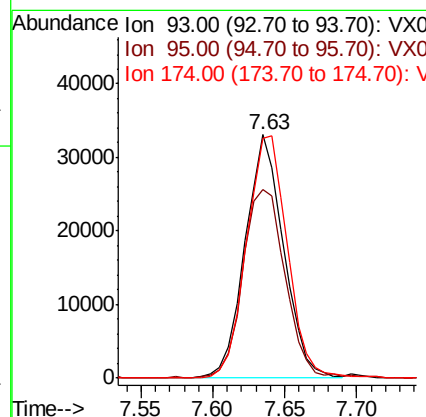
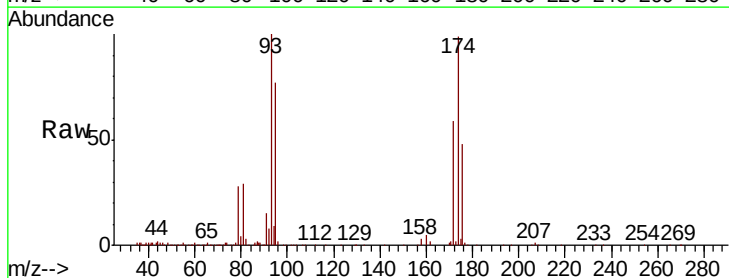
Tgt Ion: 93 Resp: 61232

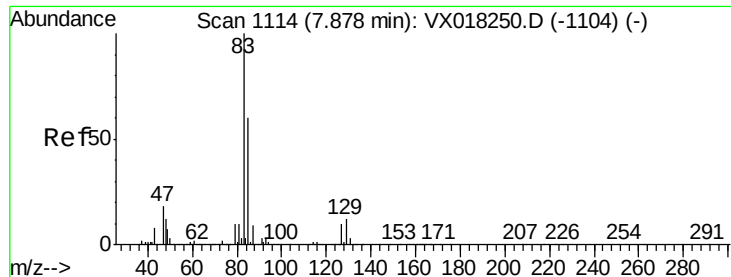
Ion Ratio Lower Upper

93 100

95 83.6 0.0 167.0

174 105.2 0.0 202.0





#41

Bromodichloromethane

Concen: 18.237 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

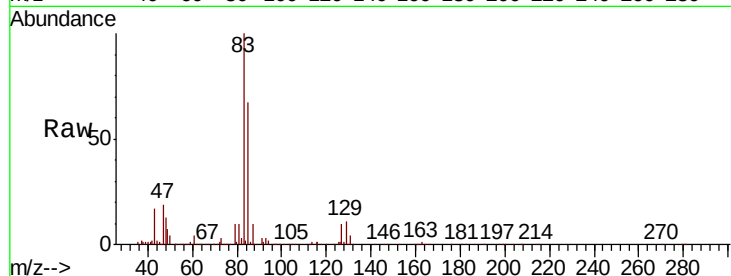
Tot Ion: 83 Resp: 130409

Ion Ratio Lower Upper

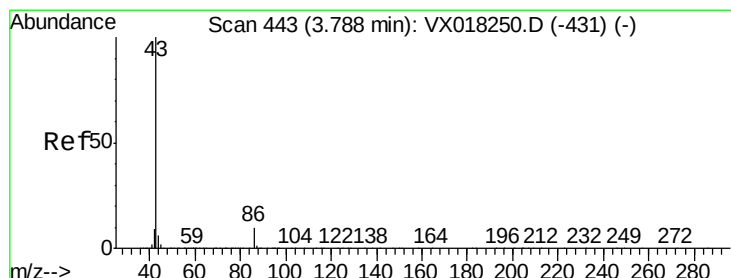
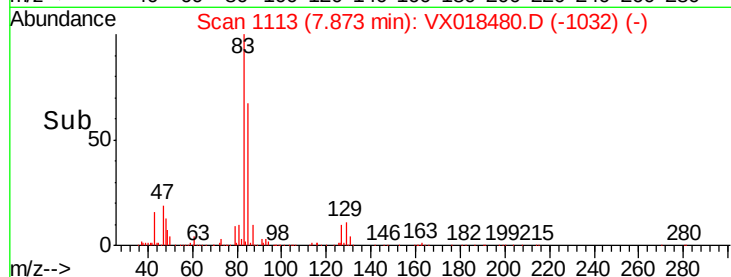
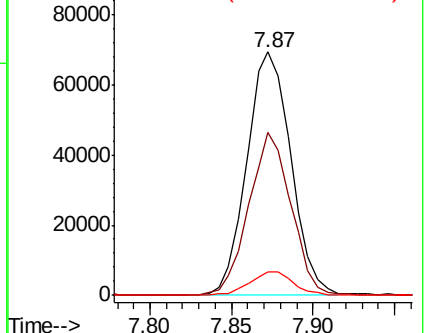
83 100

85 66.9 48.2 72.2

127 9.7 8.0 12.0



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 90.055 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018480.D

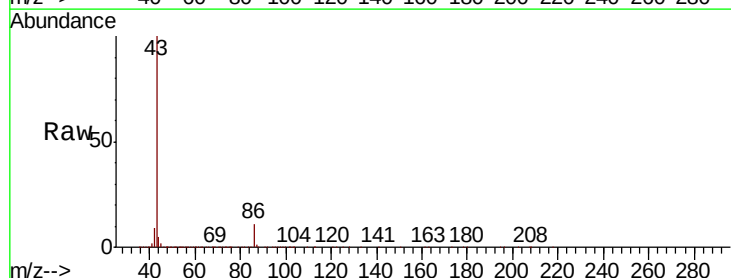
Acq: 18 Sep 2020 09:53

Tgt Ion: 43 Resp: 1149642

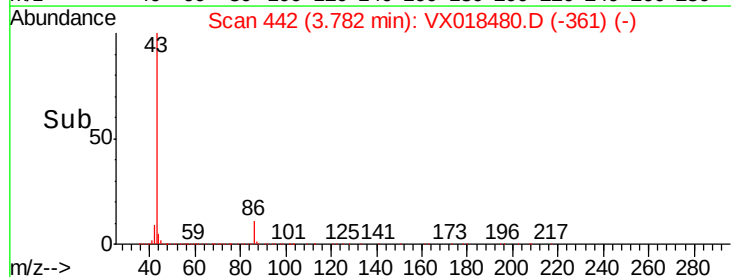
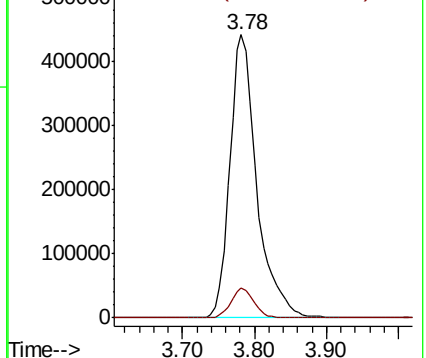
Ion Ratio Lower Upper

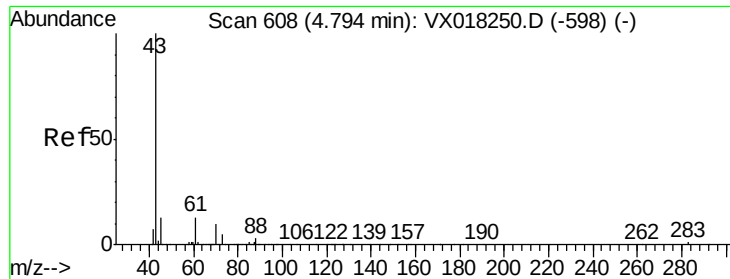
43 100

86 9.0 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

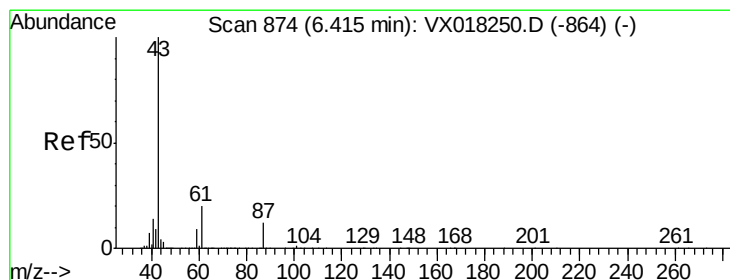
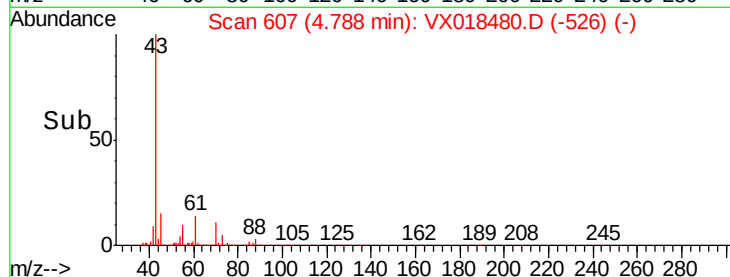
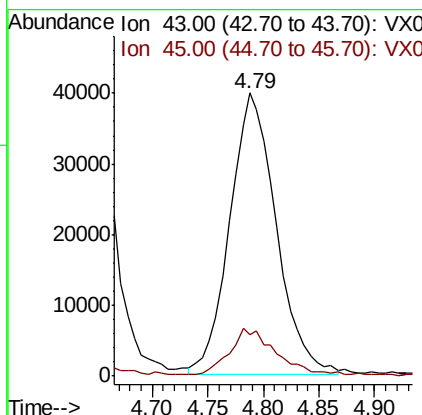
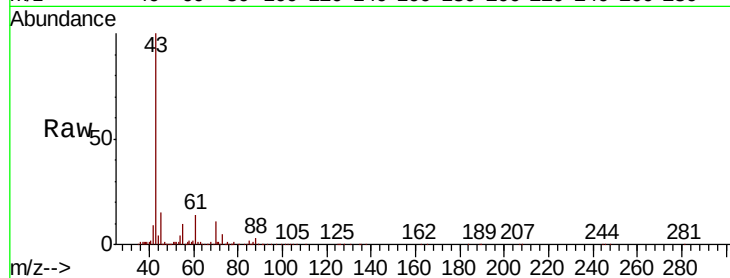




#43
Ethyl Acetate
Concen: 16.832 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

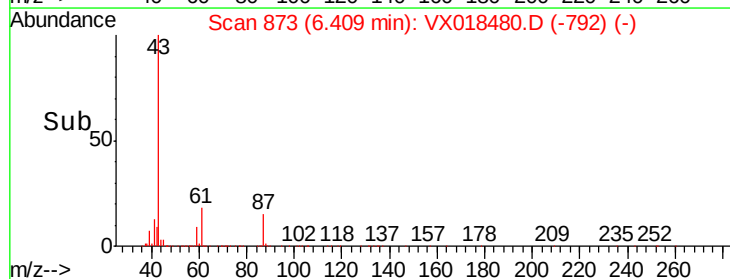
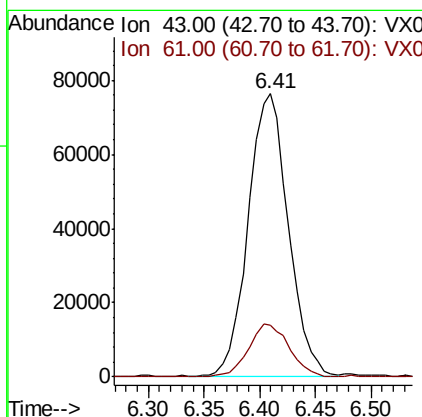
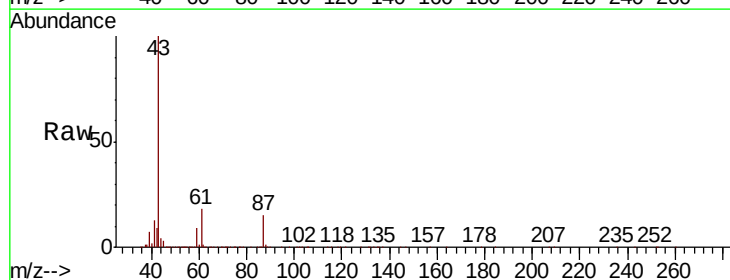
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

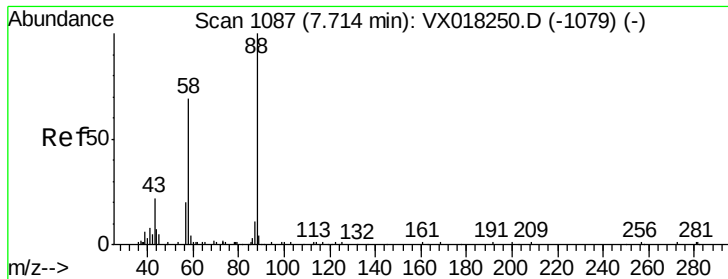
Tot Ion: 43 Resp: 114522
Ion Ratio Lower Upper
43 100
45 15.5 11.2 16.8



#44
Isopropyl Acetate
Concen: 17.497 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion: 43 Resp: 191860
Ion Ratio Lower Upper
43 100
61 18.9 14.6 22.0





#45

1,4-Dioxane

Concen: 388.779 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

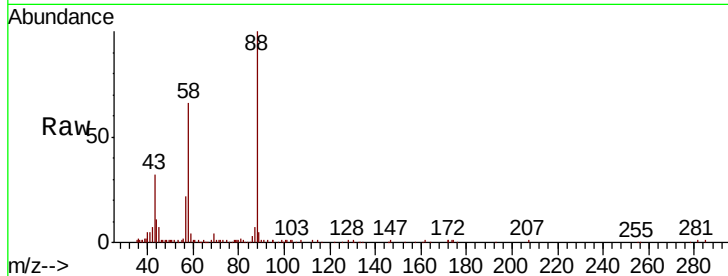
Tot Ion: 88 Resp: 35614

Ion Ratio Lower Upper

88 100

43 37.4 13.6 20.4#

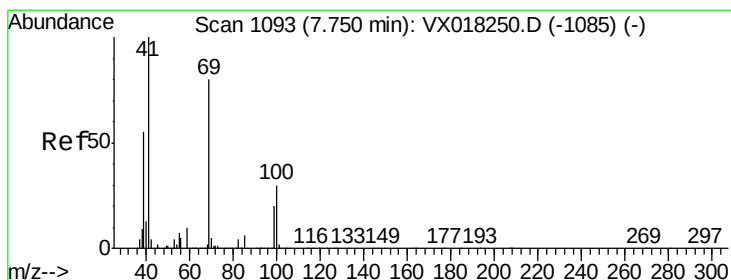
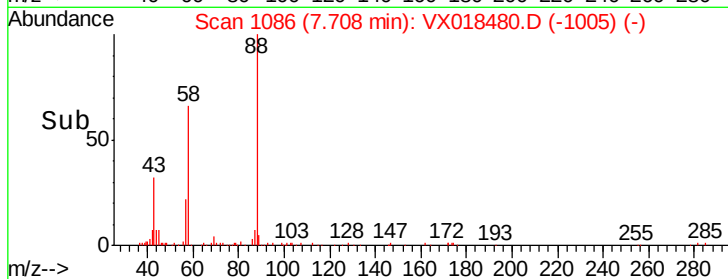
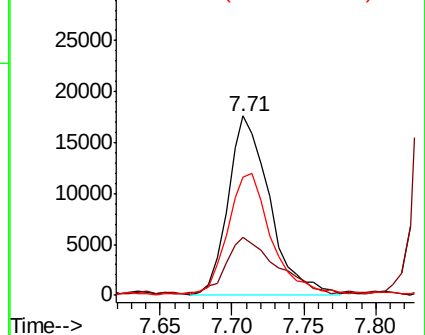
58 71.5 58.2 87.4



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 17.082 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

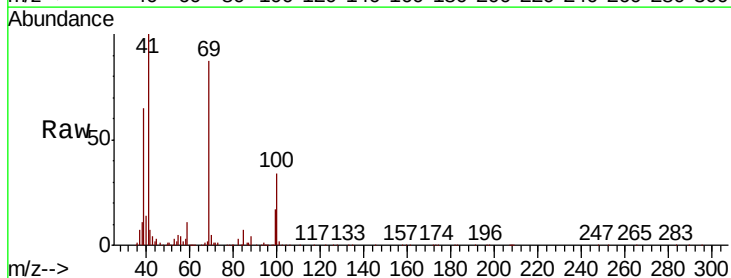
Tgt Ion: 41 Resp: 92187

Ion Ratio Lower Upper

41 100

69 87.1 40.3 120.8

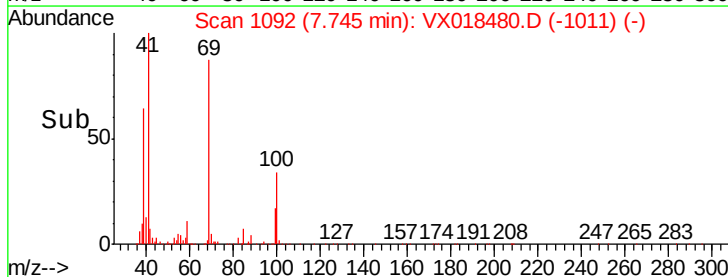
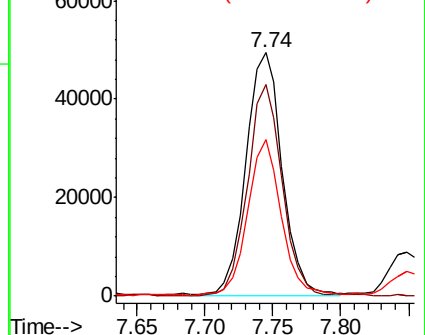
39 64.6 27.3 81.9

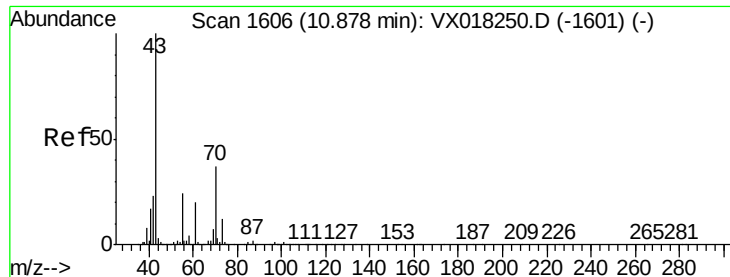


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amyl Acetate

Concen: 16.343 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampled :

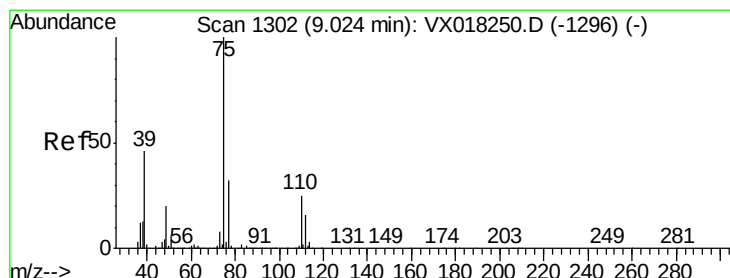
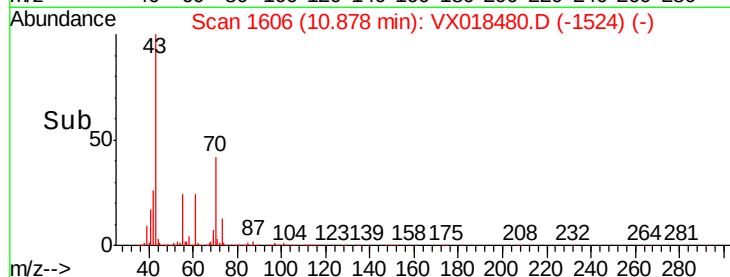
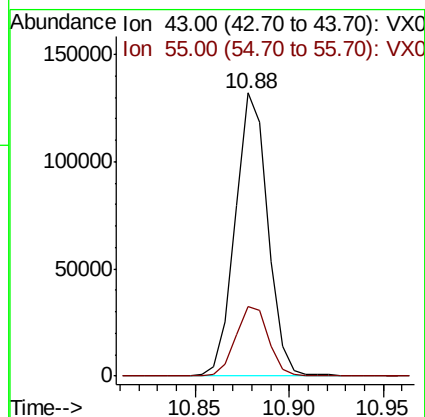
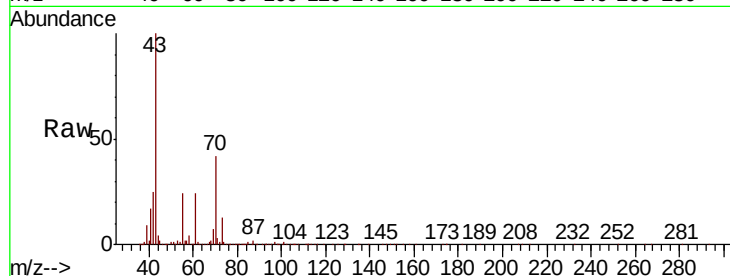
VSTDCCC020

Tot Ion: 43 Resp: 157468

Ion Ratio Lower Upper

43 100

55 24.8 18.9 28.3



#48

t-1,3-Dichloropropene

Concen: 18.460 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018480.D

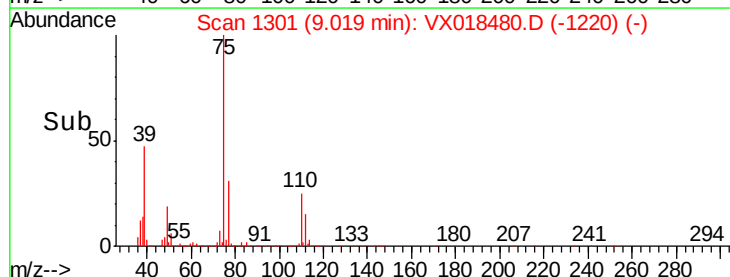
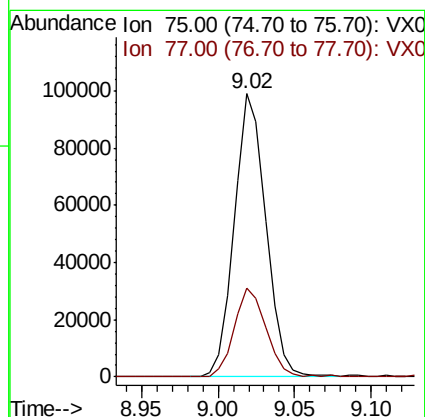
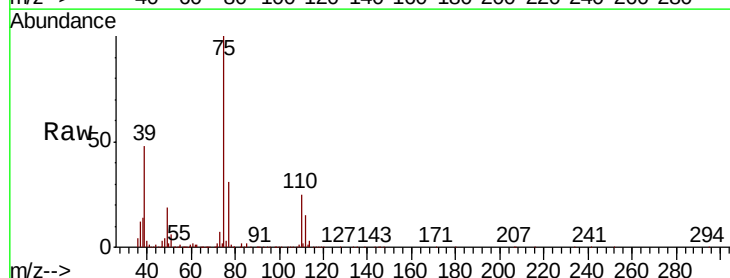
Acq: 18 Sep 2020 09:53

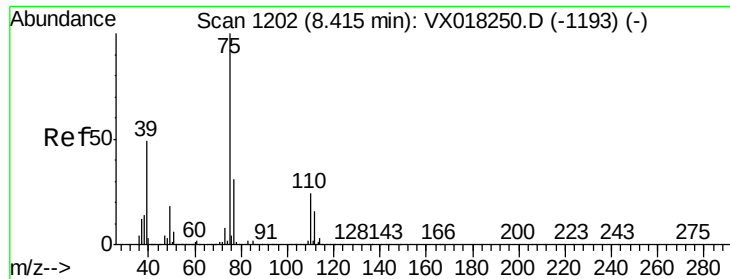
Tgt Ion: 75 Resp: 141796

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2



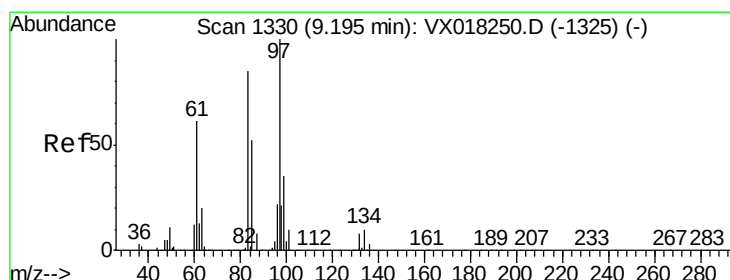
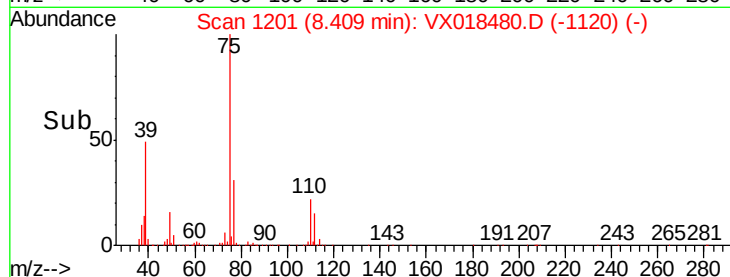
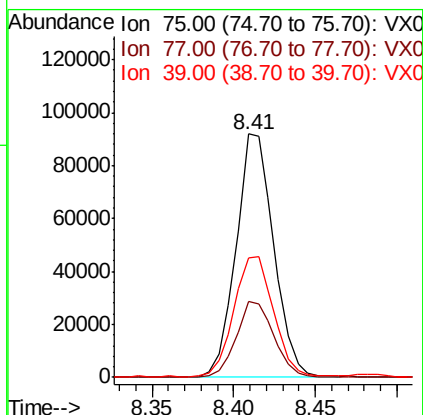
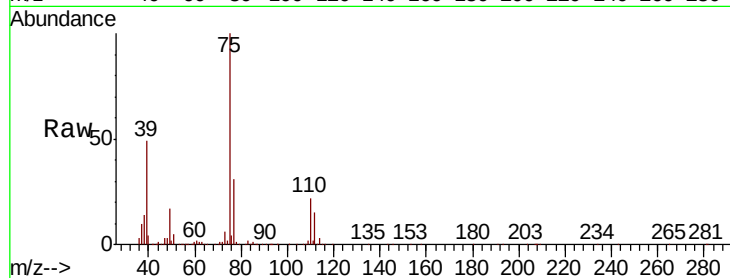


#49

cis-1,3-Dichloropropene
 Concen: 18.386 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

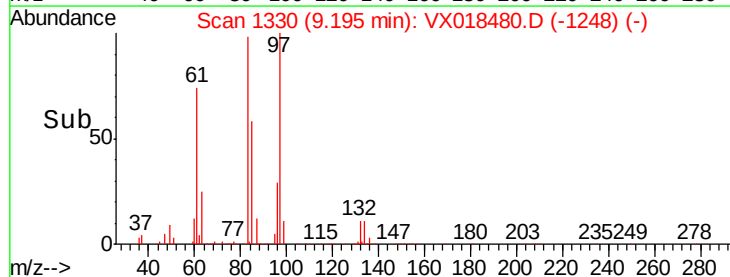
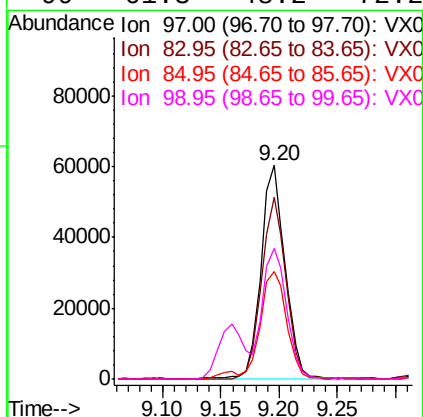
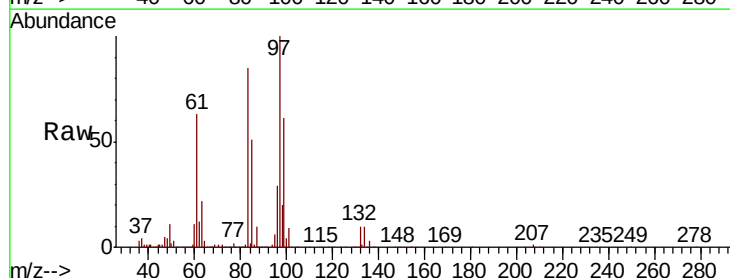
Tot Ion:	75	Resp:	148359
Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	48.7	39.6	59.4

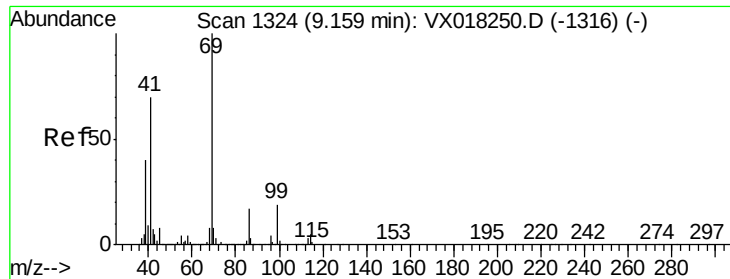


#50

1,1,2-Trichloroethane
 Concen: 18.010 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion:	97	Resp:	86585
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	50.5	42.6	64.0
99	61.3	48.2	72.2





#51

Ethyl methacrylate

Concen: 17.311 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

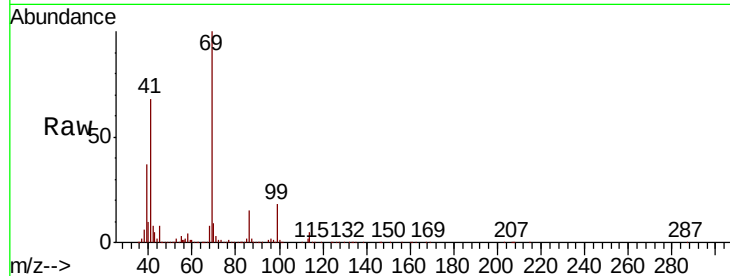
Tot Ion: 69 Resp: 120564

Ion Ratio Lower Upper

69 100

41 67.5 34.9 104.7

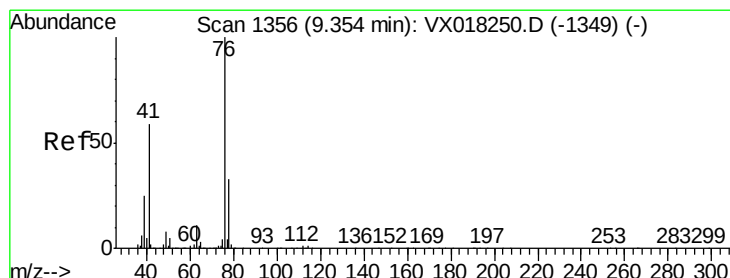
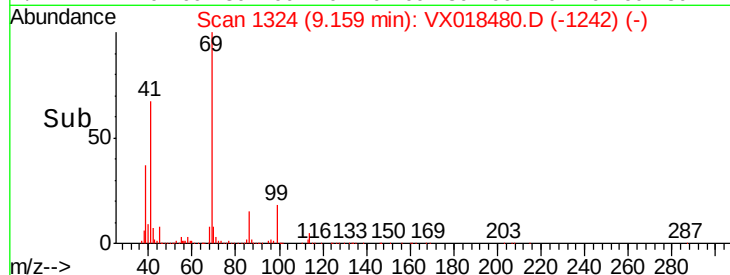
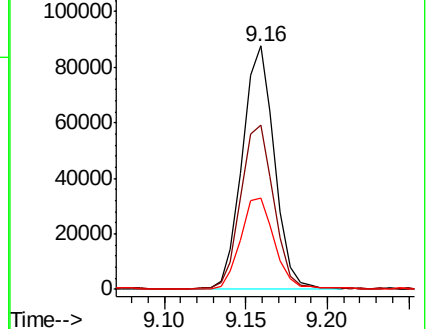
39 37.1 19.8 59.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 17.720 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018480.D

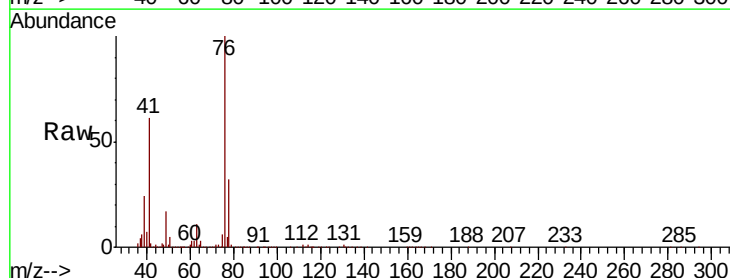
Acq: 18 Sep 2020 09:53

Tgt Ion: 76 Resp: 141399

Ion Ratio Lower Upper

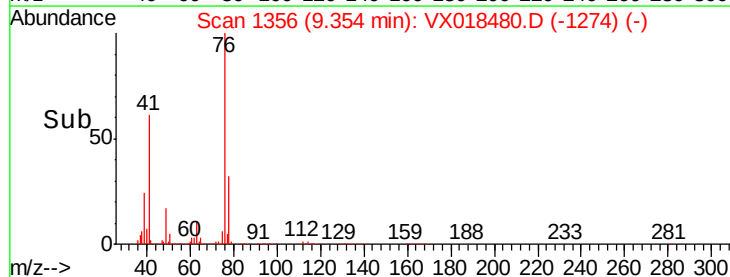
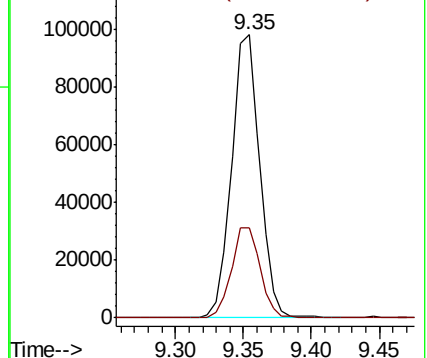
76 100

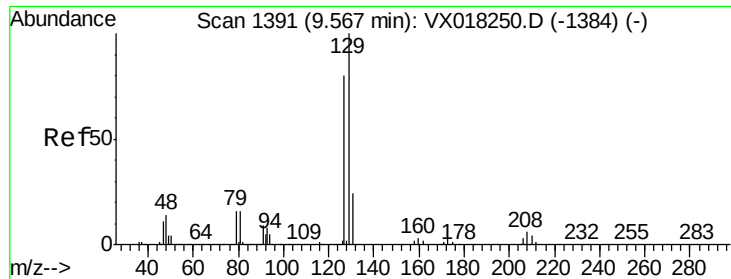
78 32.4 0.0 62.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

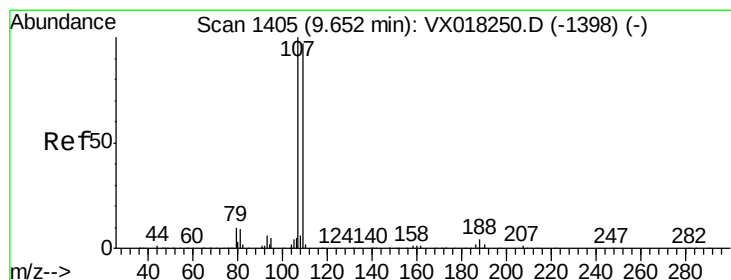
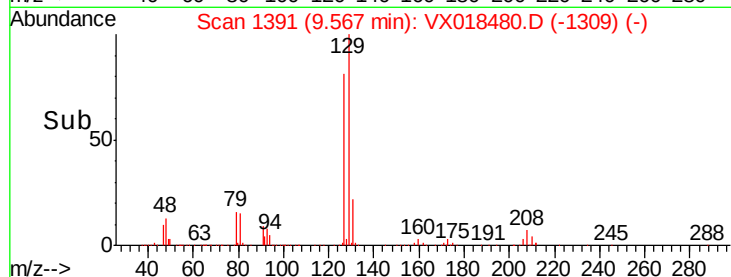
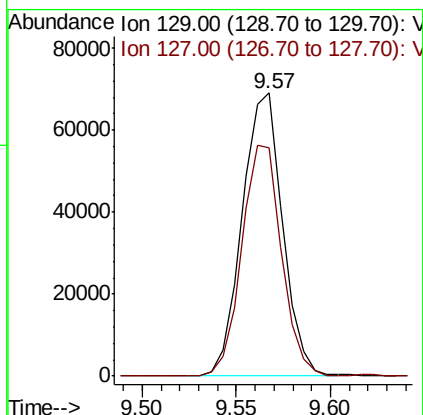
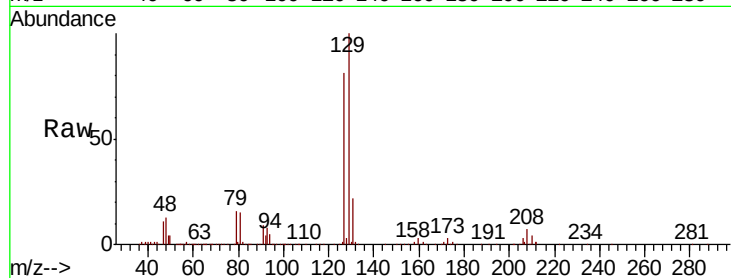




#53
 Dibromochloromethane
 Concen: 17.127 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

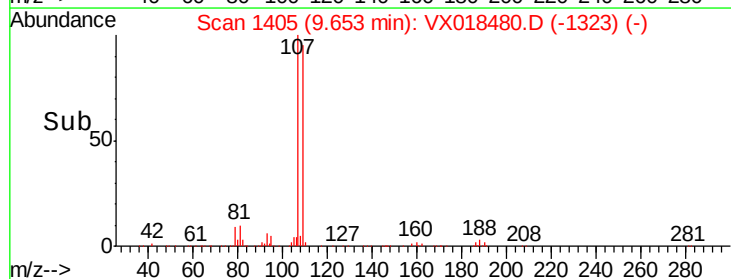
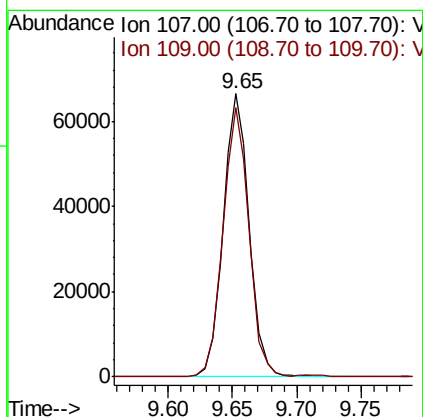
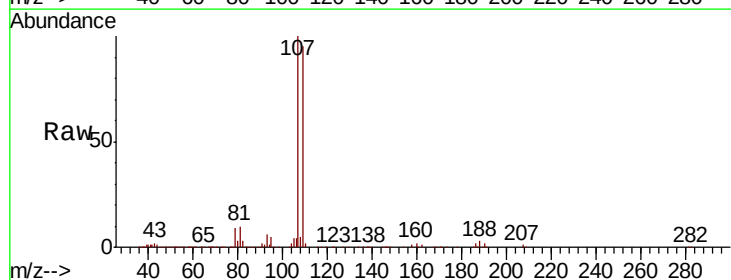
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

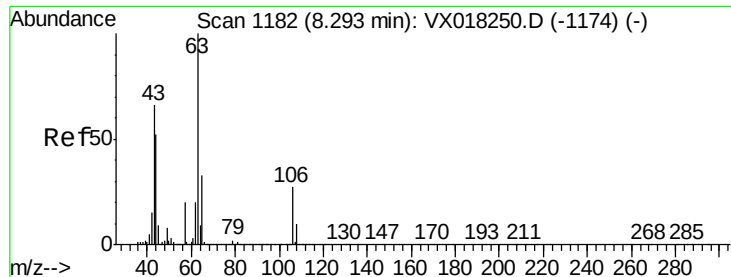
Tot Ion:129 Resp: 102380
 Ion Ratio Lower Upper
 129 100
 127 80.5 38.9 116.6



#54
 1,2-Dibromoethane
 Concen: 17.742 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion:107 Resp: 93575
 Ion Ratio Lower Upper
 107 100
 109 95.3 77.8 116.6

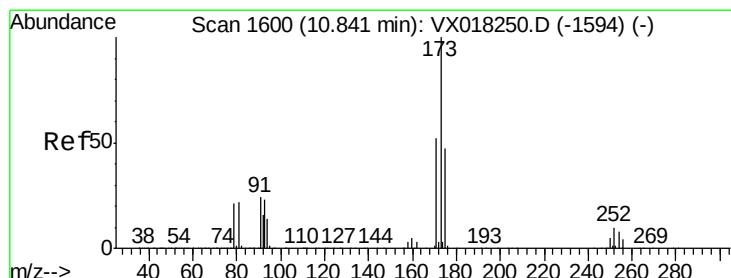
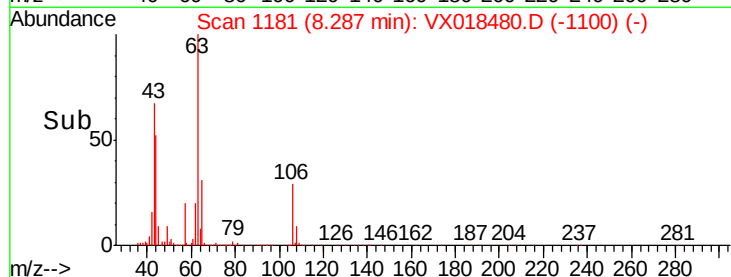
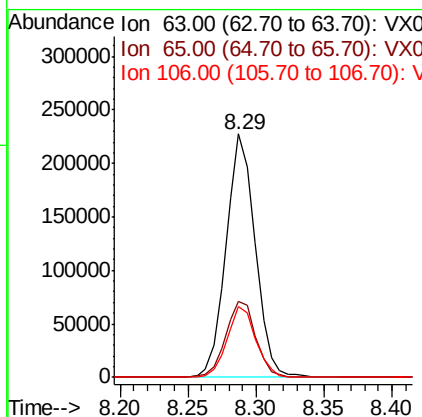
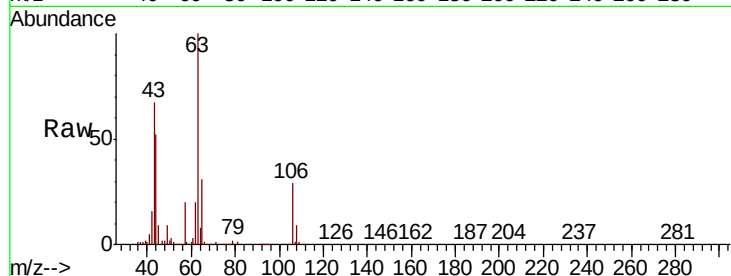




#55
 2-Chloroethyl vinyl ether
 Concen: 92.794 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

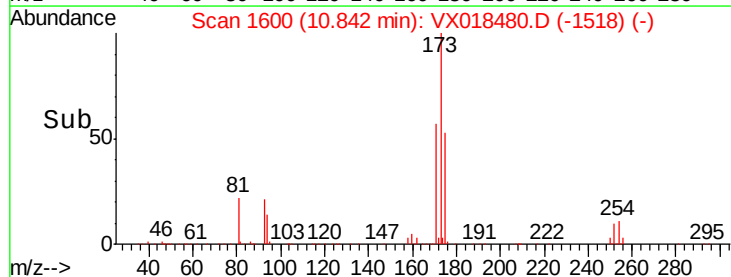
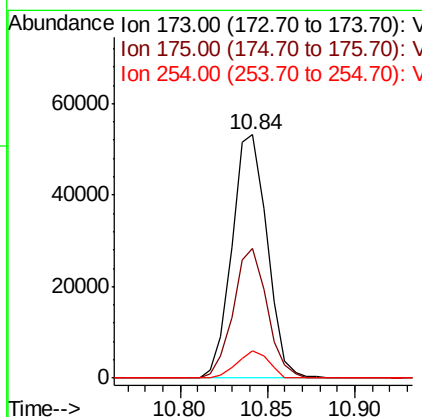
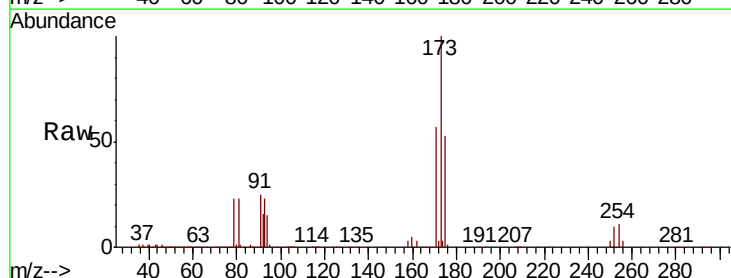
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

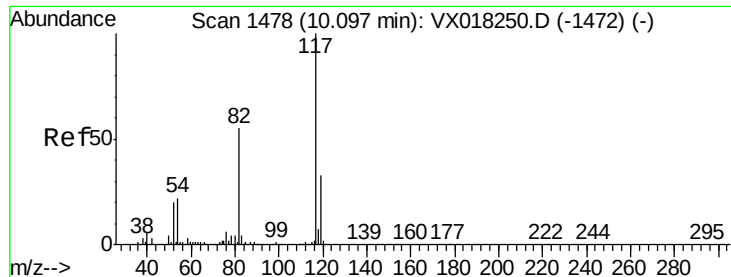
Tot Ion: 63 Resp: 337472
 Ion Ratio Lower Upper
 63 100
 65 32.3 26.0 39.0
 106 28.8 22.3 33.5



#56
 Bromoform
 Concen: 16.423 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion: 173 Resp: 74590
 Ion Ratio Lower Upper
 173 100
 175 51.2 40.2 60.2
 254 9.9 7.3 10.9

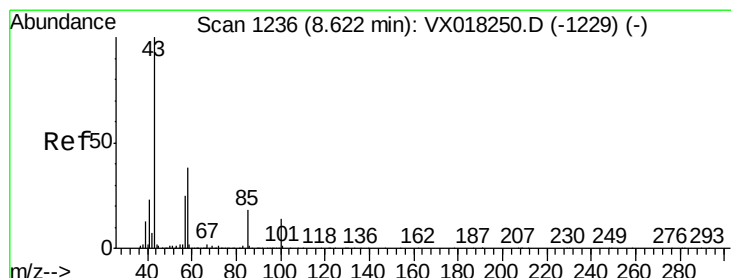
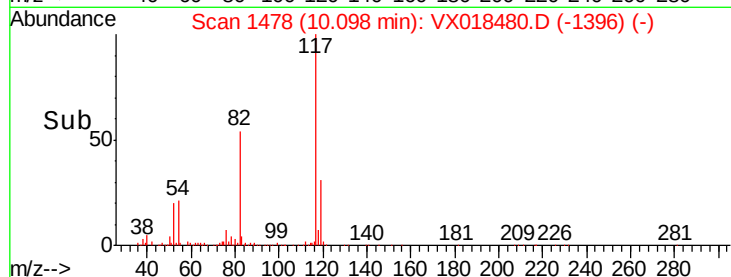
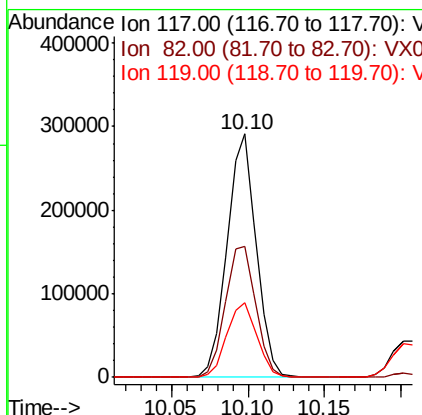
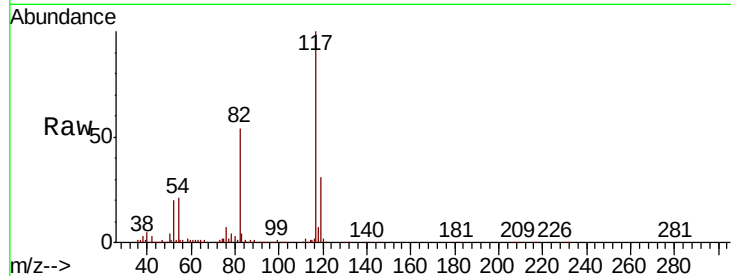




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

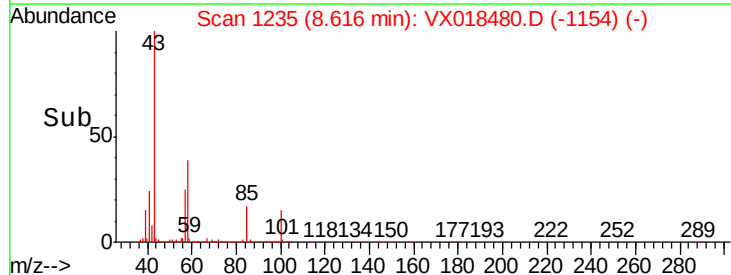
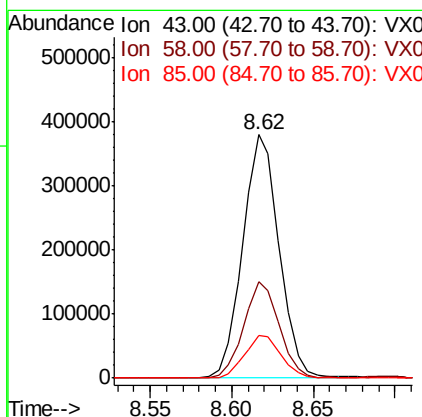
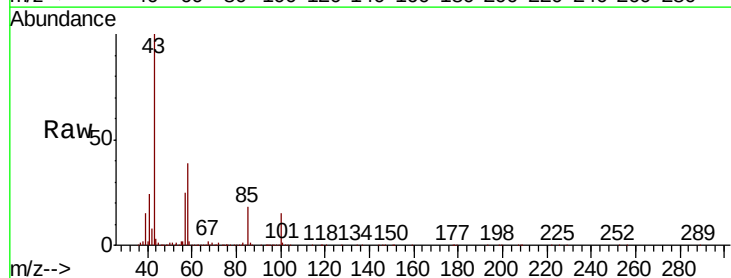
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

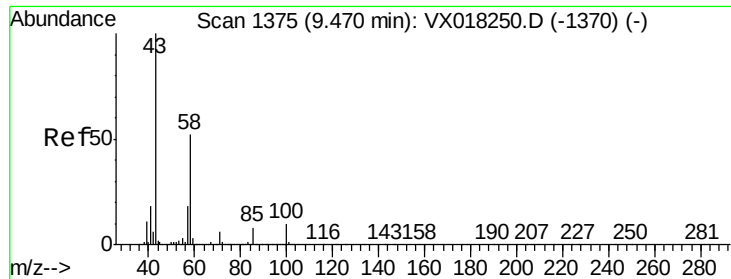
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.2	66.4
119	31.7	26.1	39.1



#58
4-Methyl-2-Pentanone
Concen: 88.905 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.8	30.0	45.0
85	17.8	14.2	21.4

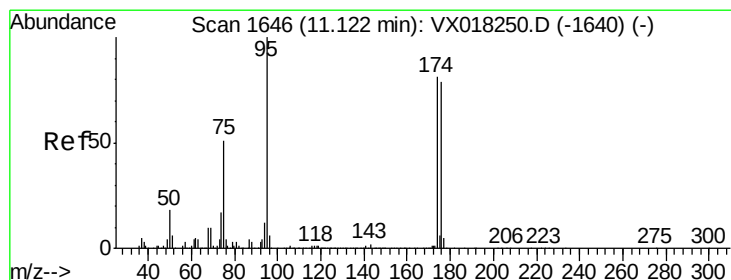
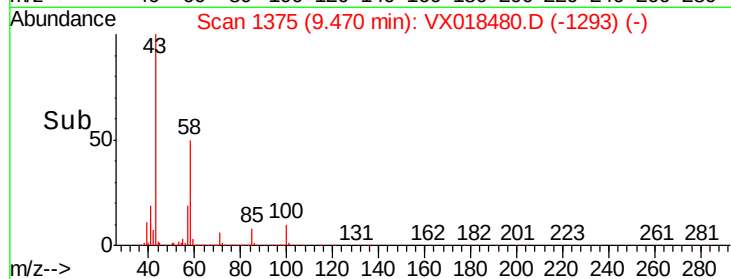
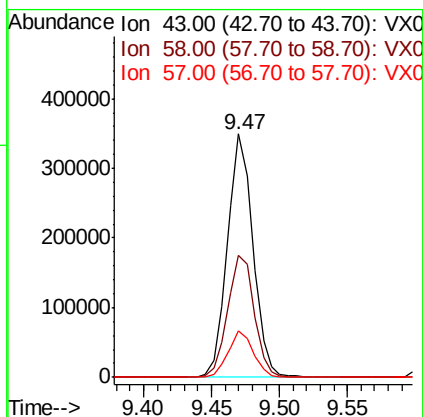
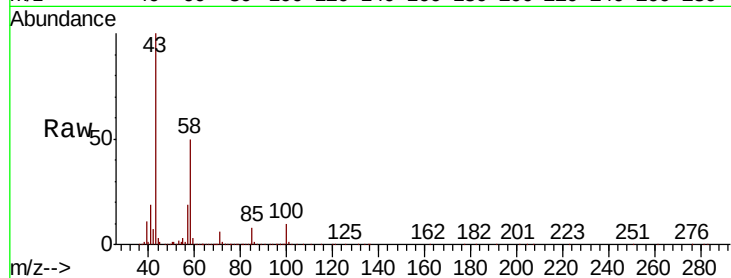




#59
2-Hexanone
Concen: 90.809 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

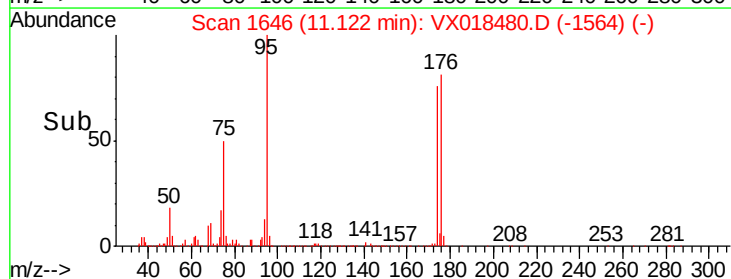
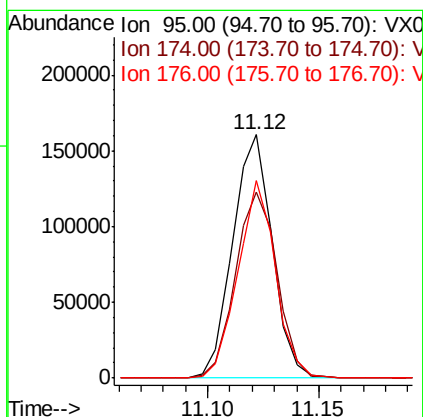
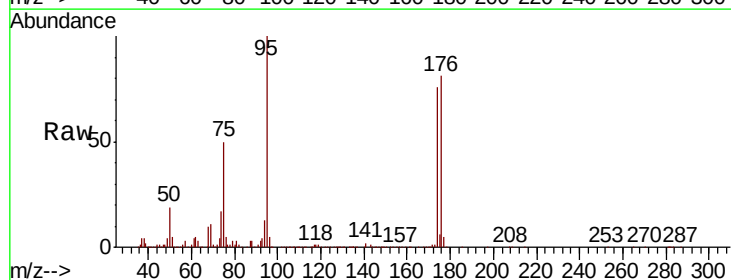
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

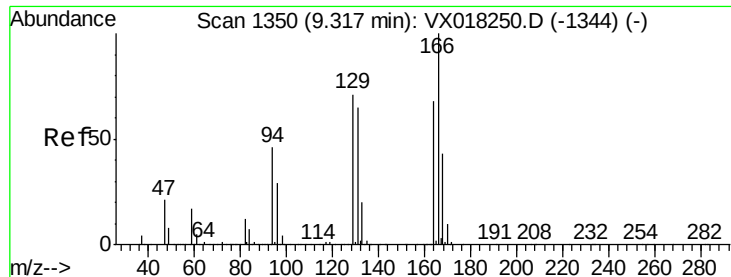
Tot Ion:	43	Resp:	455427
Ion	Ratio	Lower	Upper
43	100		
58	52.3	42.5	63.7
57	19.1	14.8	22.2



#60
4-Bromofluorobenzene
Concen: 29.796 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion:	95	Resp:	198812
Ion	Ratio	Lower	Upper
95	100		
174	80.4	64.2	96.4
176	77.5	62.2	93.4





#61

Tetrachloroethene

Concen: 20.330 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 97608

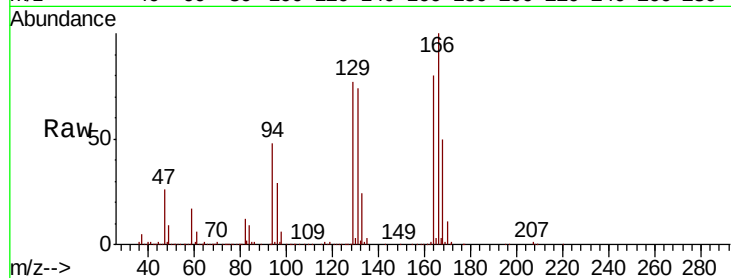
Ion Ratio Lower Upper

164 100

166 124.3 117.4 176.0

129 96.1 82.7 124.1

131 92.0 76.7 115.1

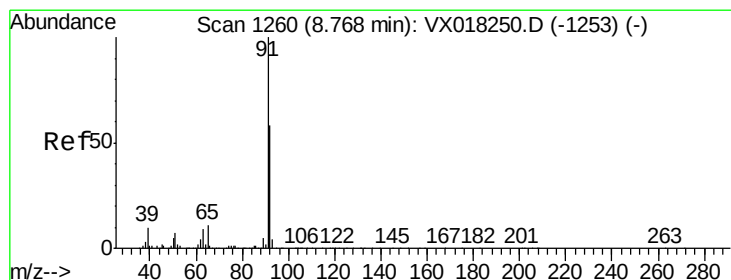
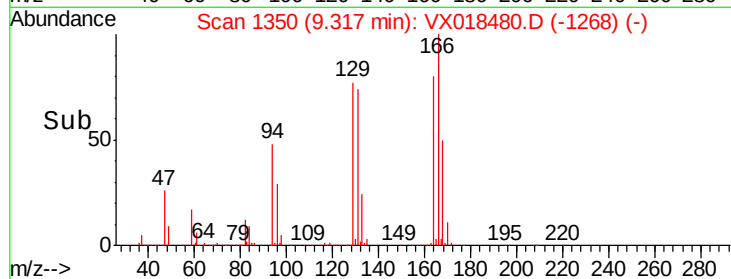
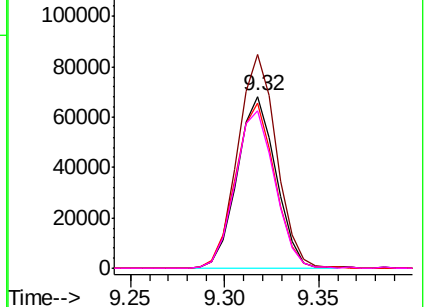


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.707 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018480.D

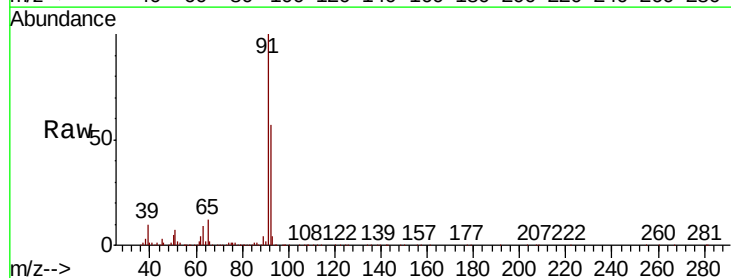
Acq: 18 Sep 2020 09:53

Tgt Ion: 91 Resp: 362424

Ion Ratio Lower Upper

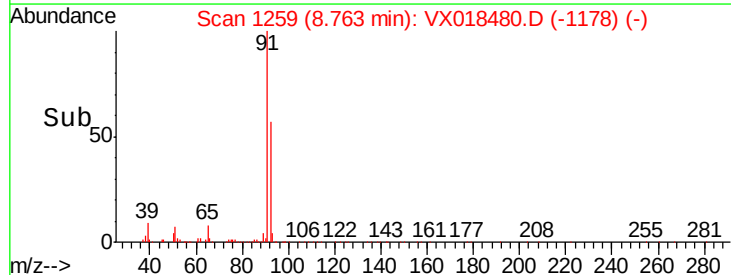
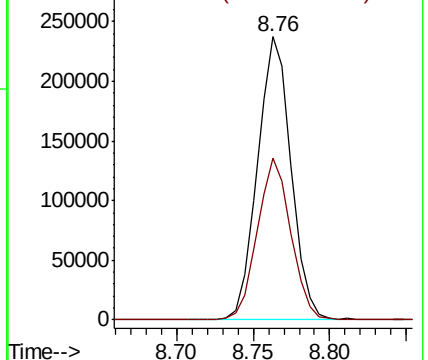
91 100

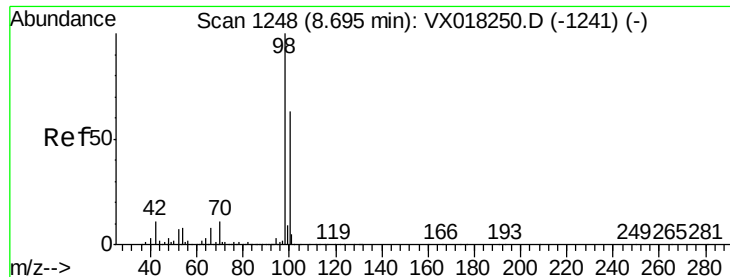
92 57.2 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.623 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

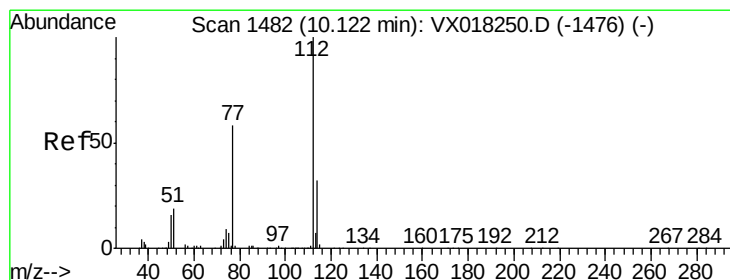
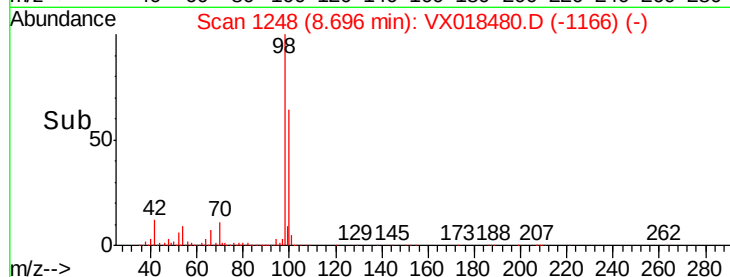
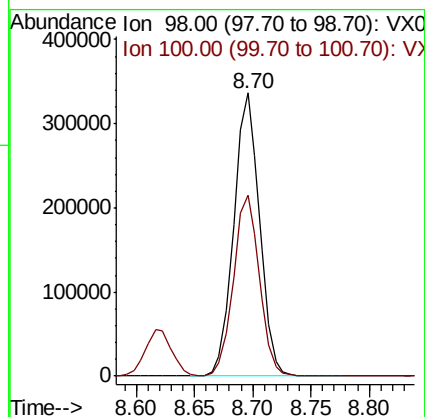
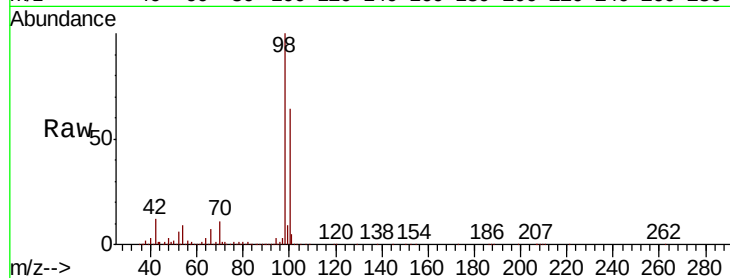
VSTDCCC020

Tot Ion: 98 Resp: 519607

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



#64

Chlorobenzene

Concen: 18.636 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018480.D

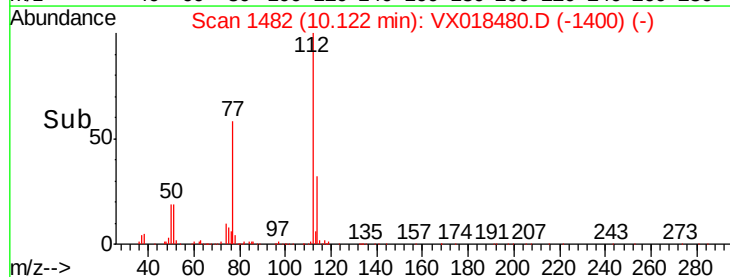
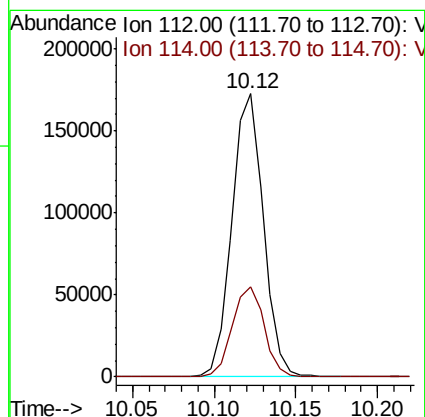
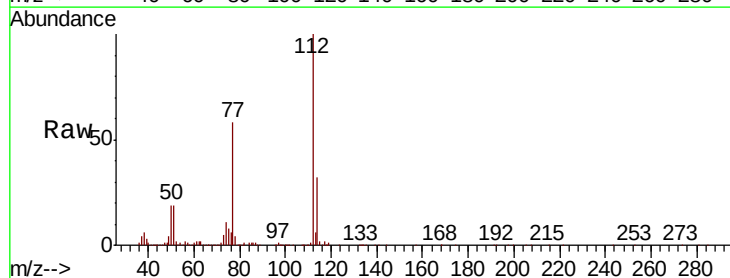
Acq: 18 Sep 2020 09:53

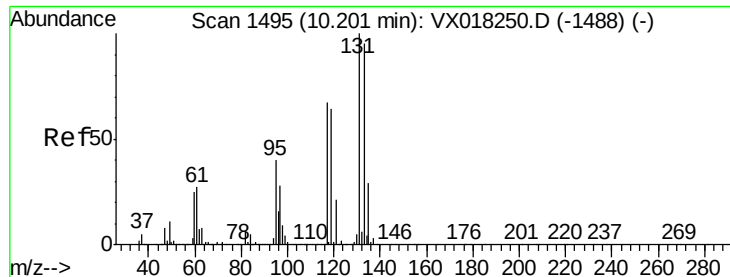
Tgt Ion: 112 Resp: 232015

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.088 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

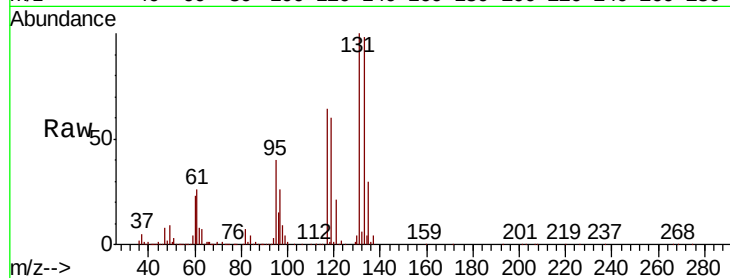
Tot Ion:131 Resp: 91204

Ion Ratio Lower Upper

131 100

133 101.8 0.0 197.2

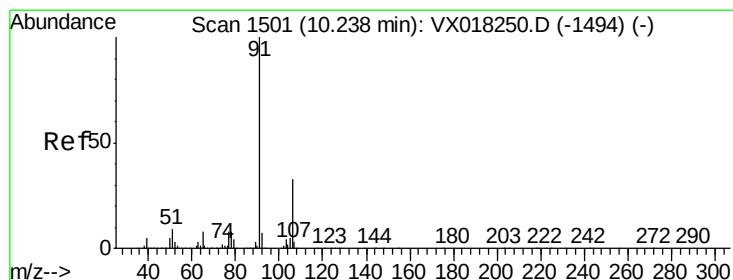
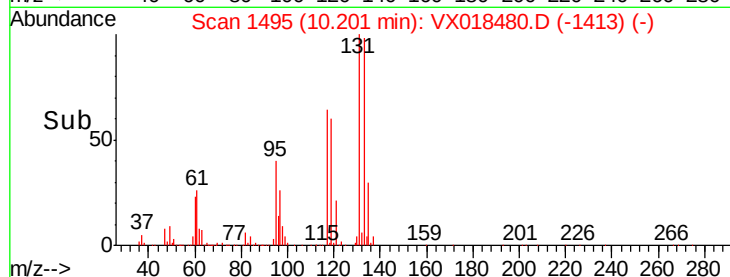
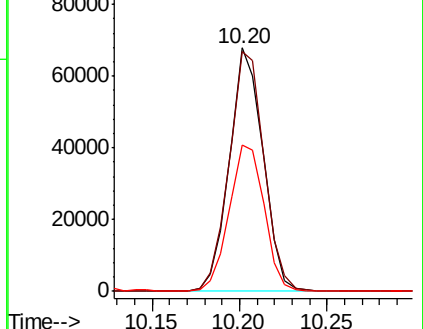
119 62.4 0.0 129.8



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 18.065 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018480.D

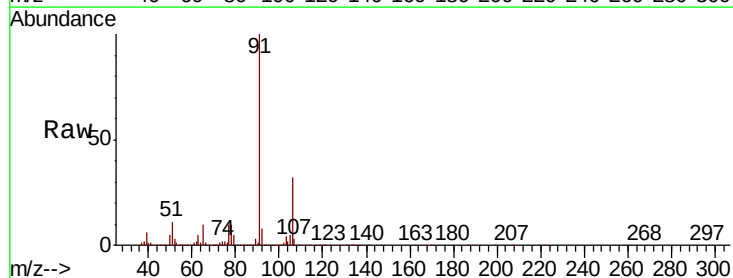
Acq: 18 Sep 2020 09:53

Tgt Ion: 91 Resp: 386730

Ion Ratio Lower Upper

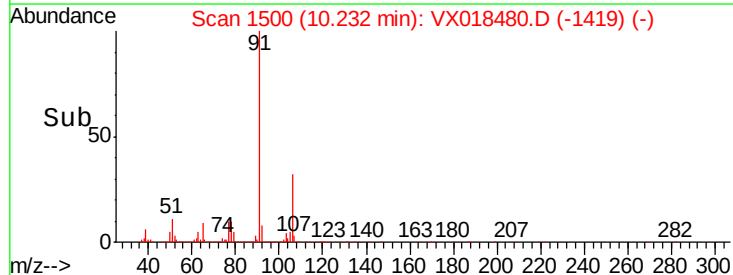
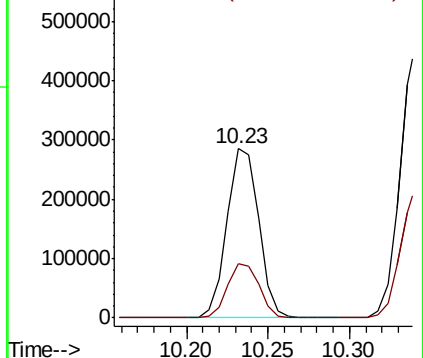
91 100

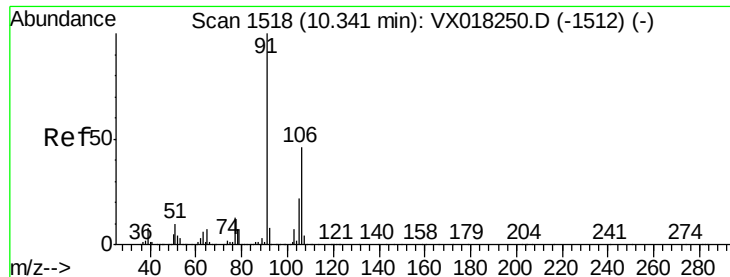
106 32.4 26.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

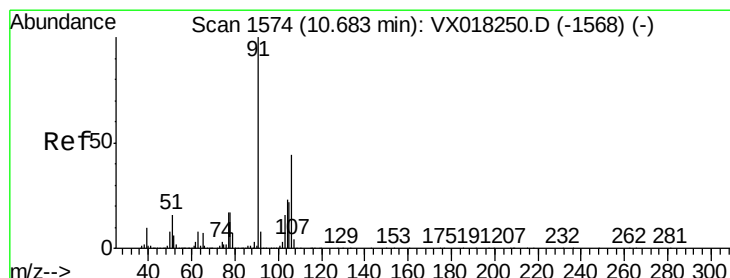
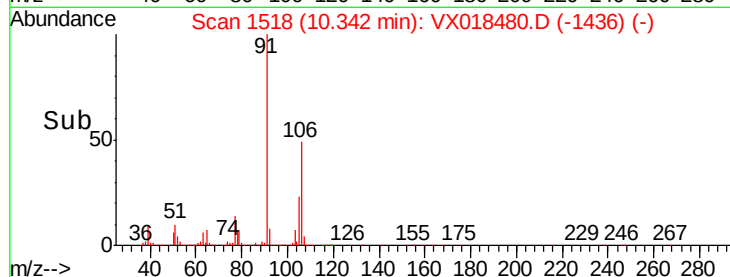
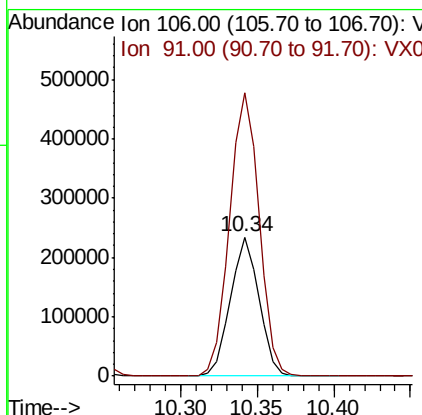
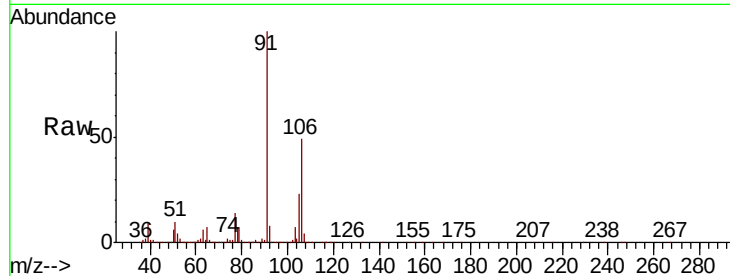




#67
m/p-Xylenes
Concen: 37.147 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

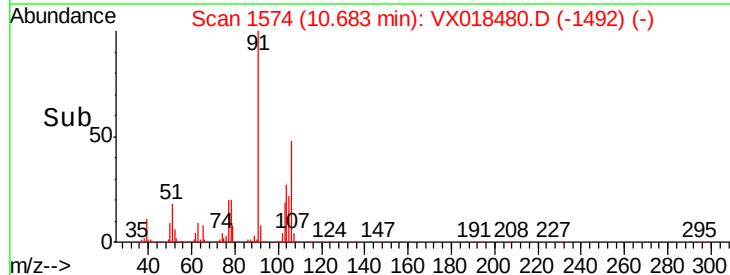
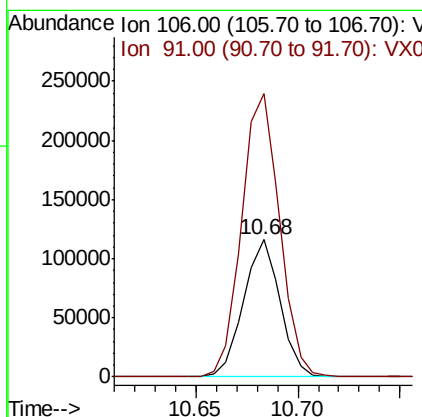
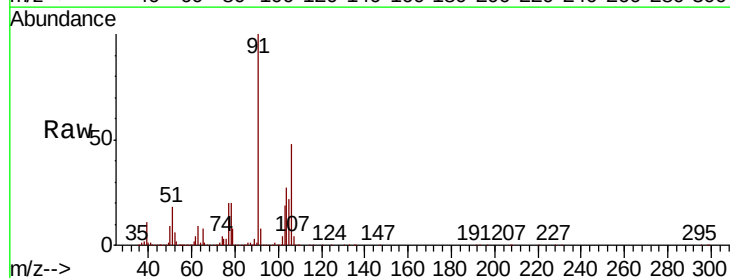
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

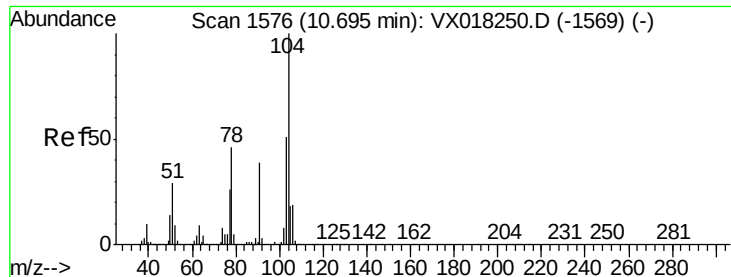
Tot Ion:106 Resp: 304109
Ion Ratio Lower Upper
106 100
91 209.8 166.2 249.2



#68
o-Xylene
Concen: 18.745 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion:106 Resp: 145001
Ion Ratio Lower Upper
106 100
91 212.9 109.2 327.6

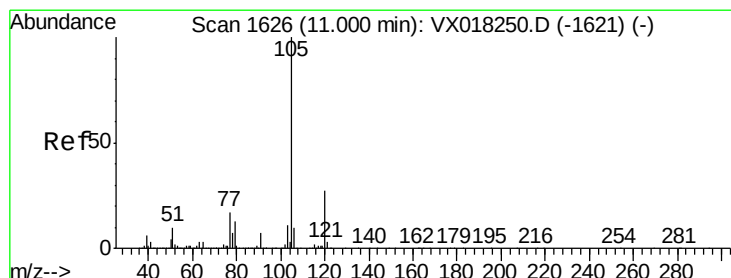
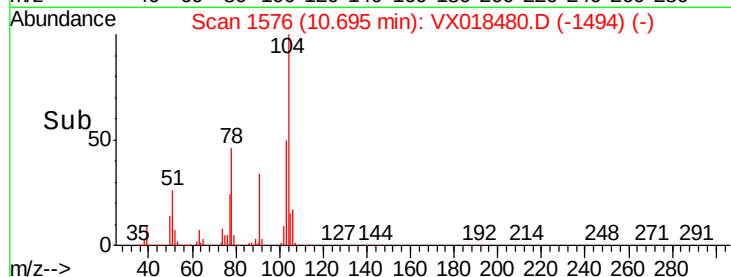
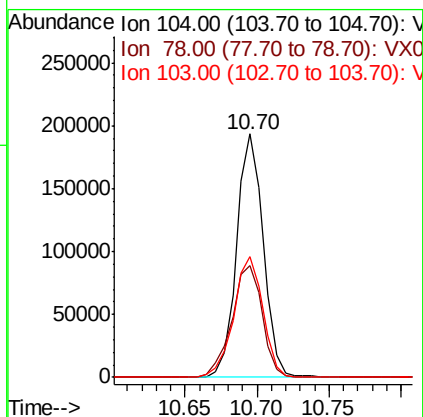
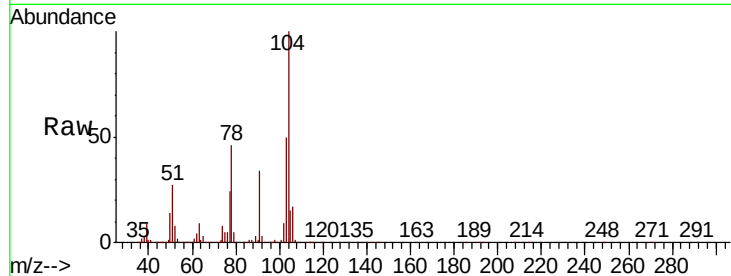




#69
Stvrene
Concen: 18.507 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

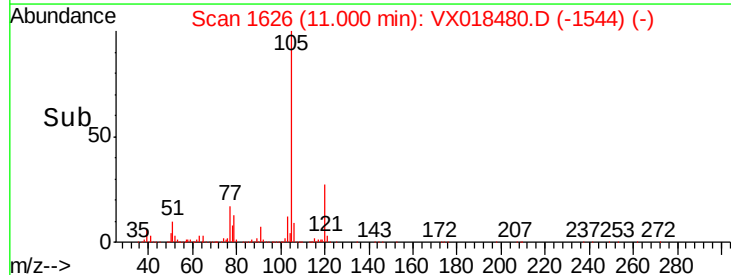
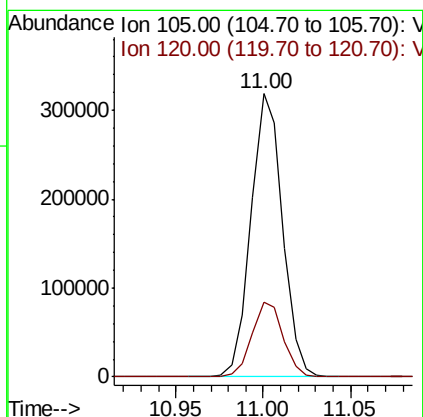
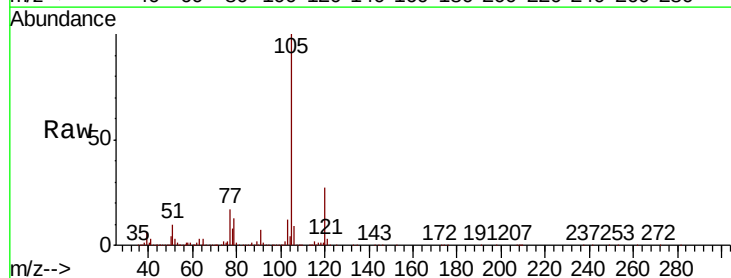
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

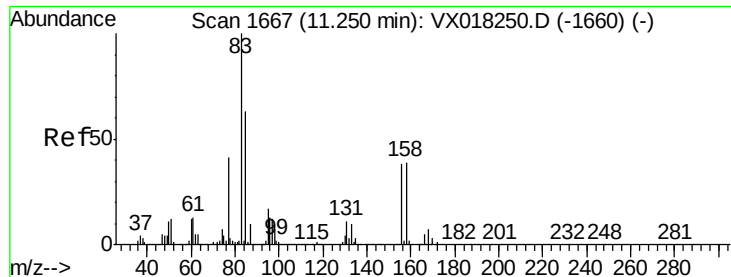
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.6	41.7	62.5
103	54.5	44.2	66.2



#70
Isopropylbenzene
Concen: 18.526 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 17.946 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

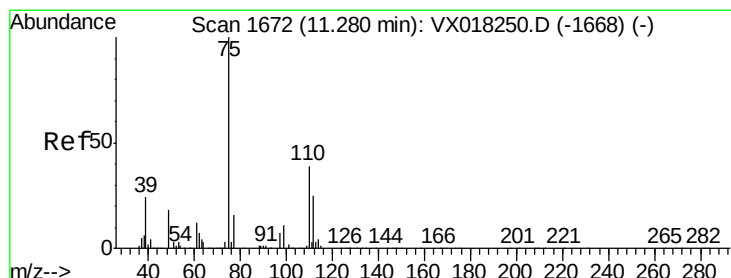
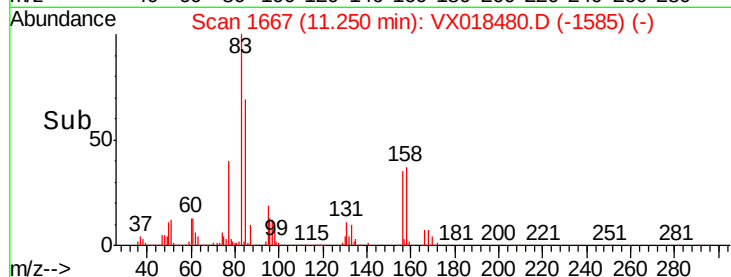
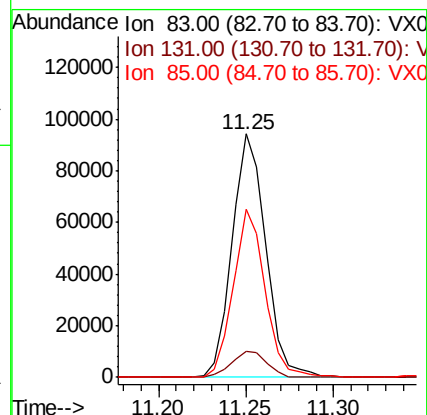
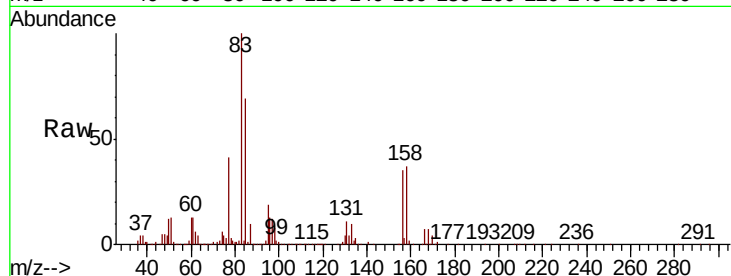
Tot Ion: 83 Resp: 126159

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.3

85 65.9 31.3 93.9



#72

1,2,3-Trichloropropane

Concen: 22.544 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018480.D

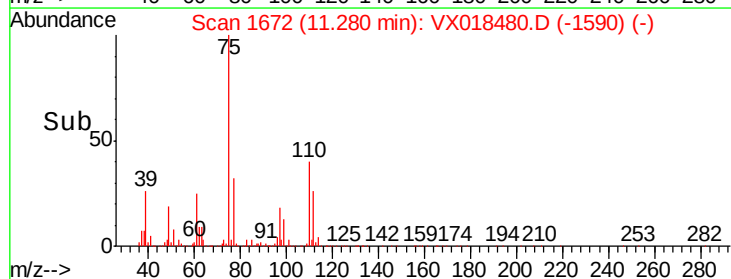
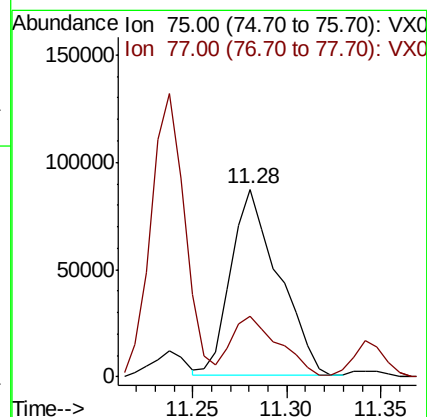
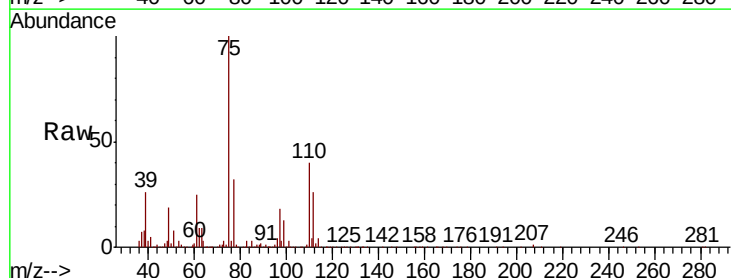
Acq: 18 Sep 2020 09:53

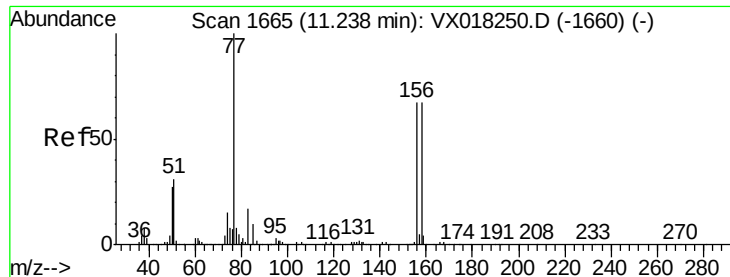
Tgt Ion: 75 Resp: 152261

Ion Ratio Lower Upper

75 100

77 32.4 0.0 74.8





#73

Bromobenzene

Concen: 18.129 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

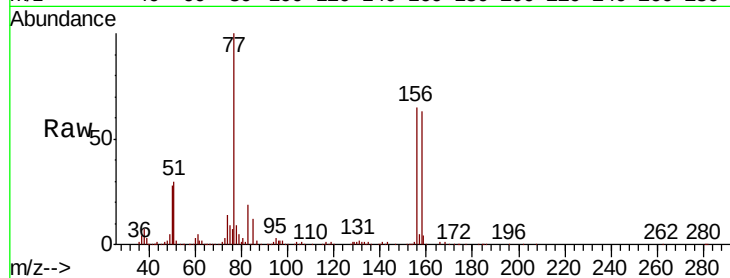
Tot Ion:156 Resp: 106842

Ion Ratio Lower Upper

156 100

77 155.2 0.0 311.0

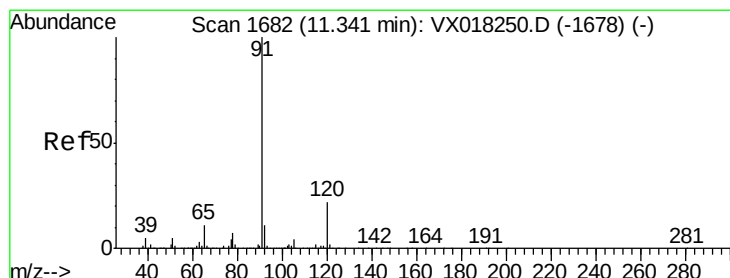
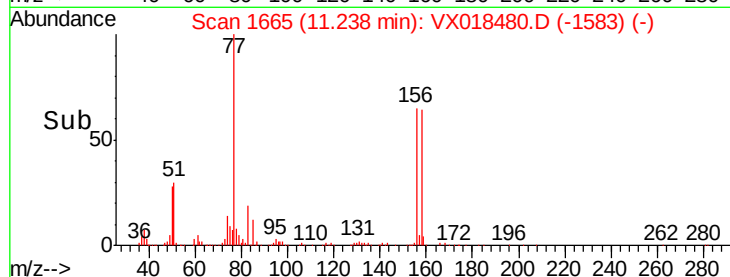
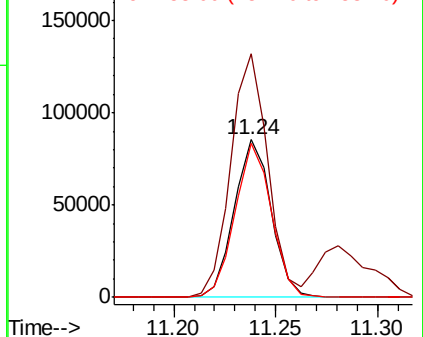
158 96.9 0.0 194.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.526 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018480.D

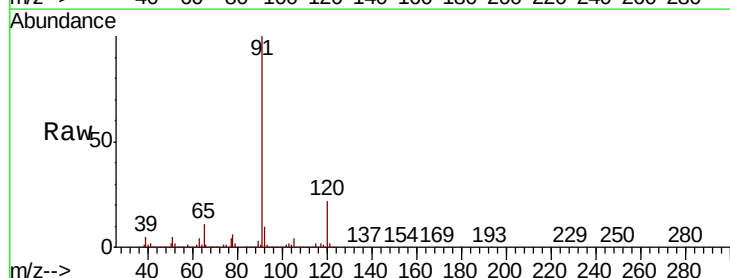
Acq: 18 Sep 2020 09:53

Tgt Ion: 91 Resp: 469270

Ion Ratio Lower Upper

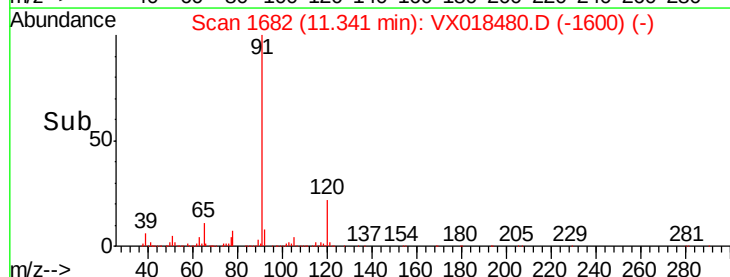
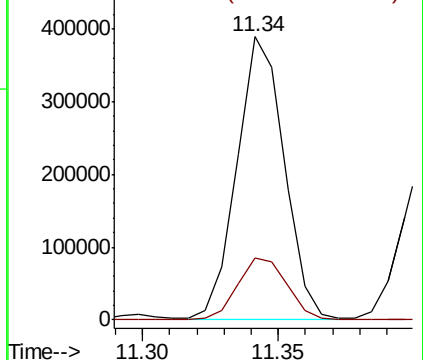
91 100

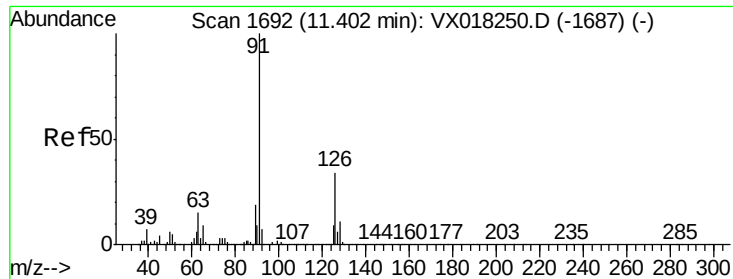
120 22.9 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.232 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

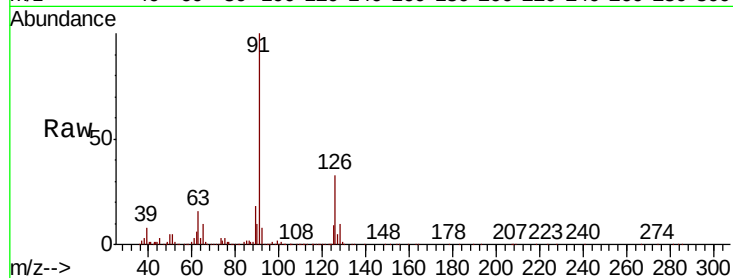
VSTDCCC020

Tot Ion: 91 Resp: 279903

Ion Ratio Lower Upper

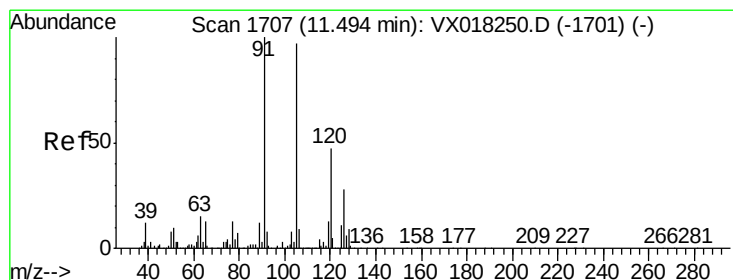
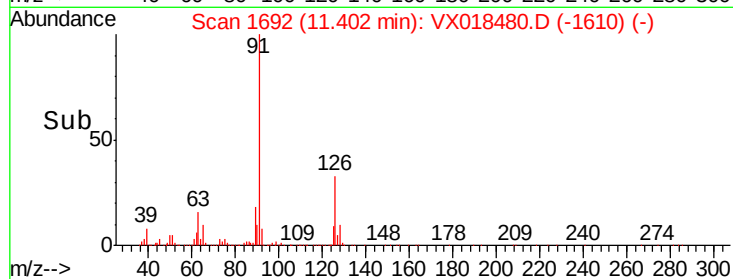
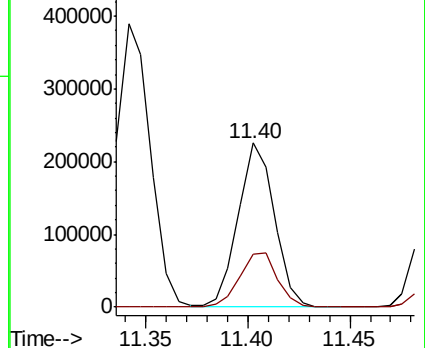
91 100

126 34.2 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.274 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018480.D

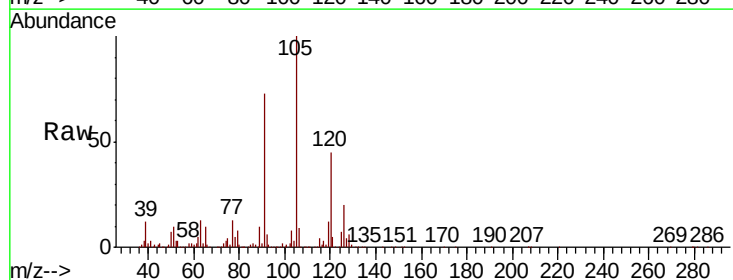
Acq: 18 Sep 2020 09:53

Tgt Ion: 105 Resp: 342467

Ion Ratio Lower Upper

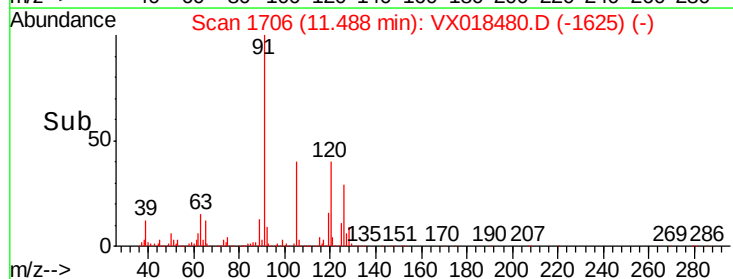
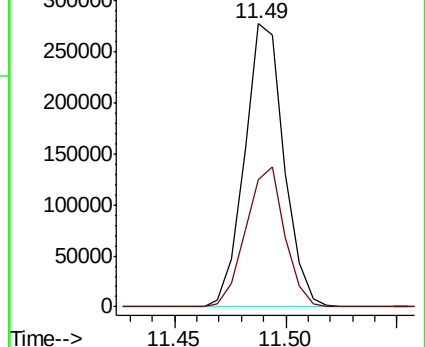
105 100

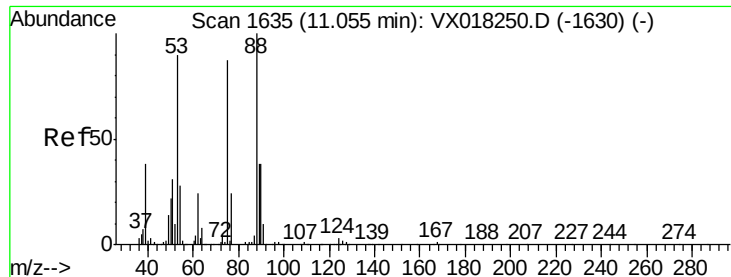
120 48.6 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 16.741 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

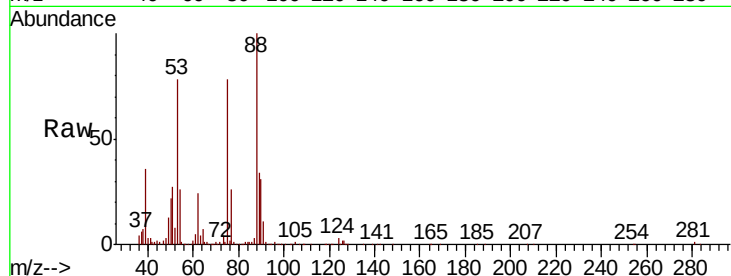
Tot Ion: 75 Resp: 43939

Ion Ratio Lower Upper

75 100

53 100.0 52.1 156.4

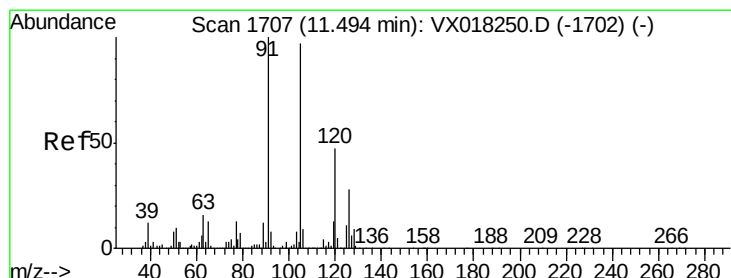
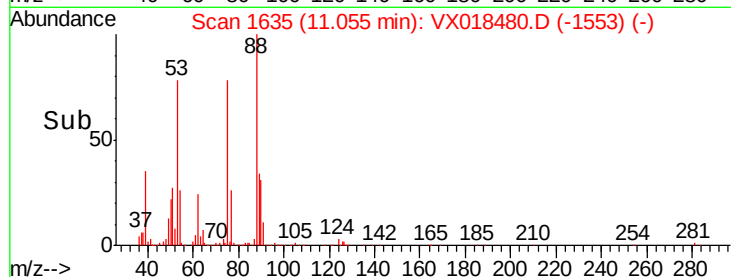
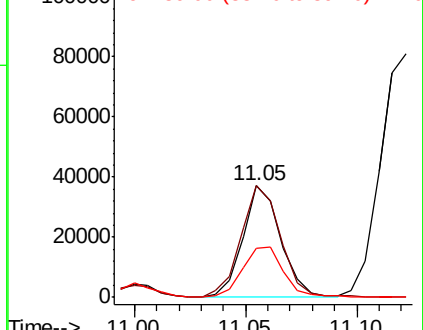
89 43.5 22.1 66.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.450 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018480.D

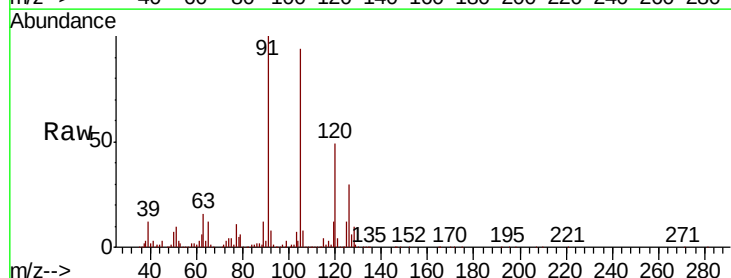
Acq: 18 Sep 2020 09:53

Tgt Ion: 91 Resp: 337883

Ion Ratio Lower Upper

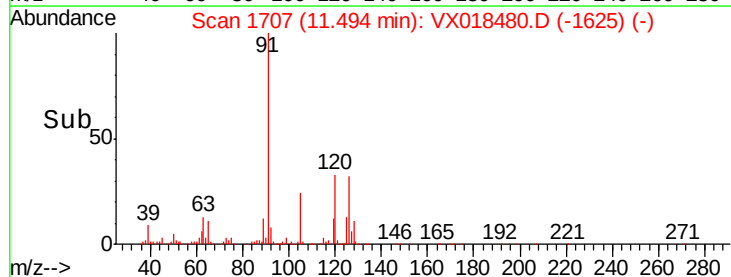
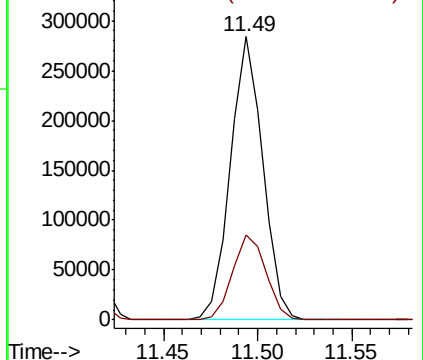
91 100

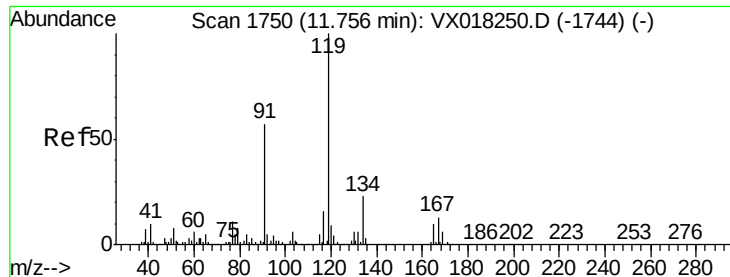
126 31.2 0.0 59.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

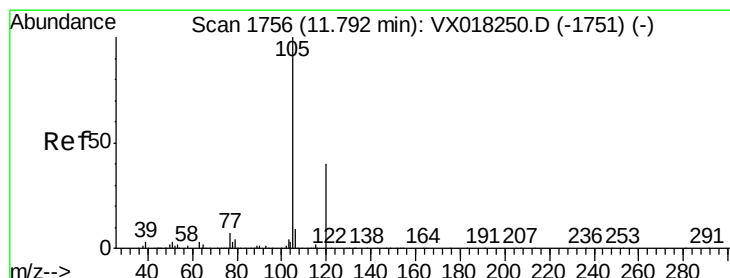
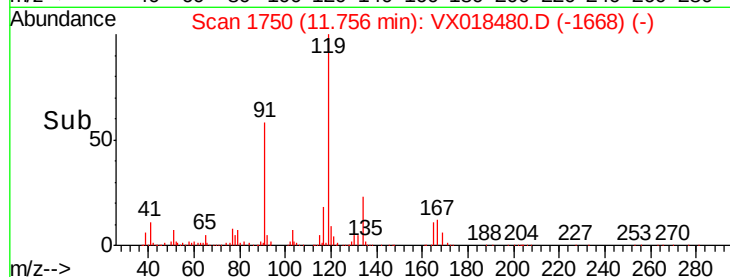
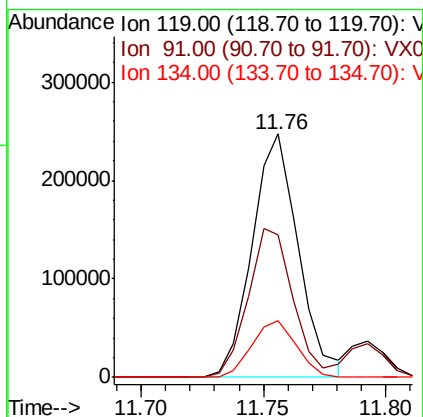
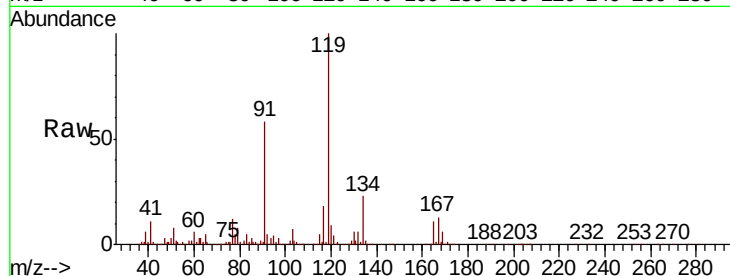




#79
tert-butylbenzene
Concen: 17.950 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

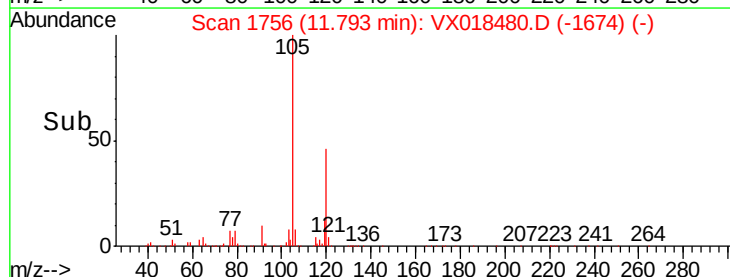
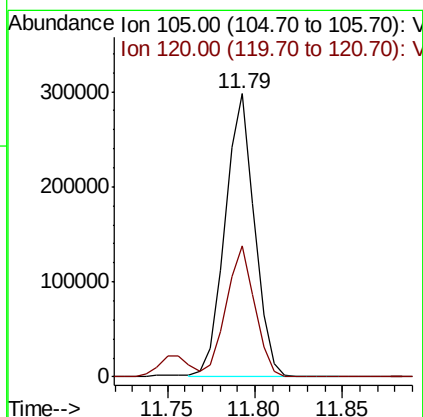
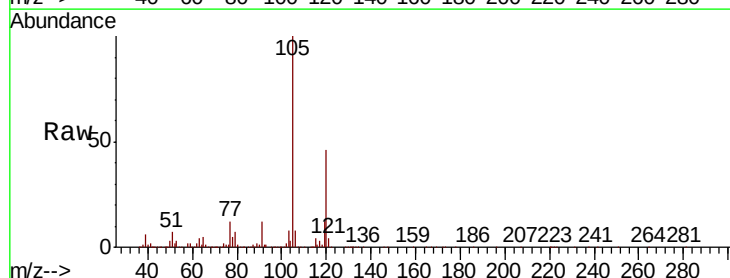
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

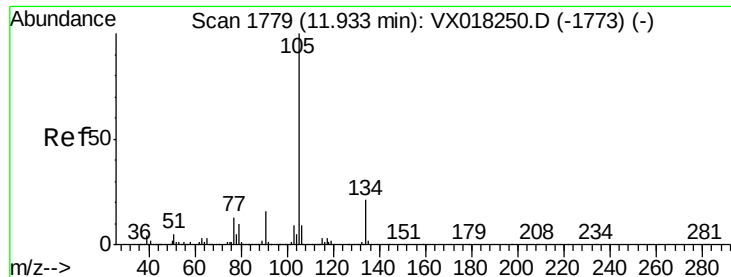
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.2	0.0	111.8
134	22.6	0.0	42.4



#80
1,2,4-Trimethylbenzene
Concen: 18.855 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	0.0	89.2





#81

sec-Butylbenzene

Concen: 18.344 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

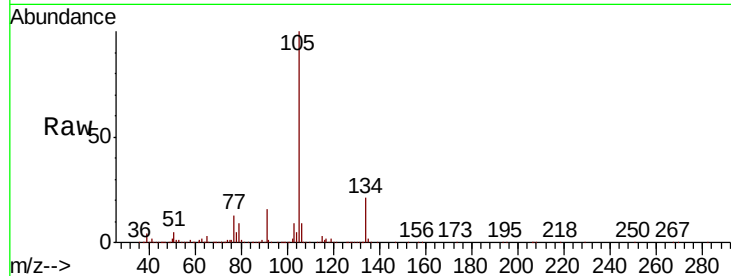
VSTDCCC020

Tot Ion:105 Resp: 386804

Ion Ratio Lower Upper

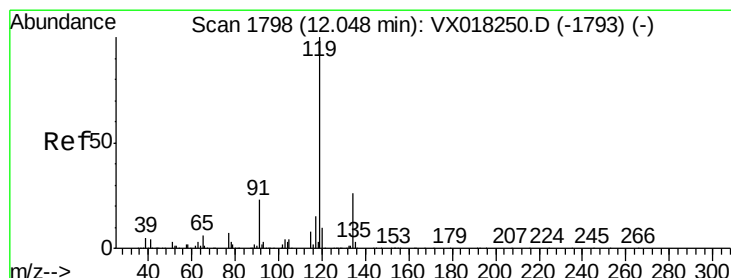
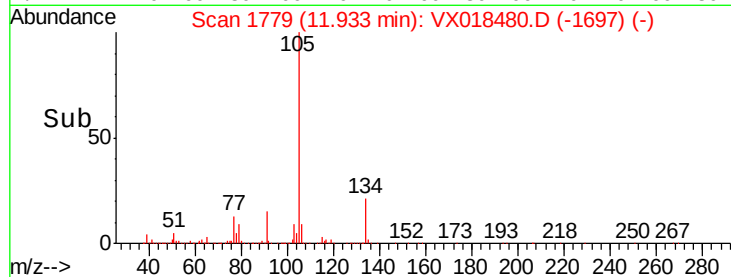
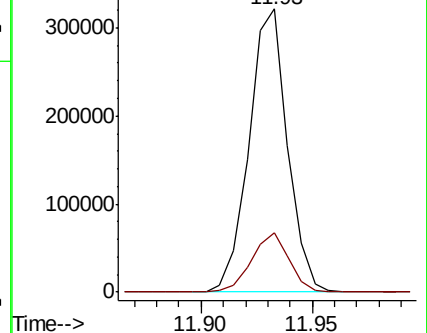
105 100

134 20.4 0.0 40.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.602 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

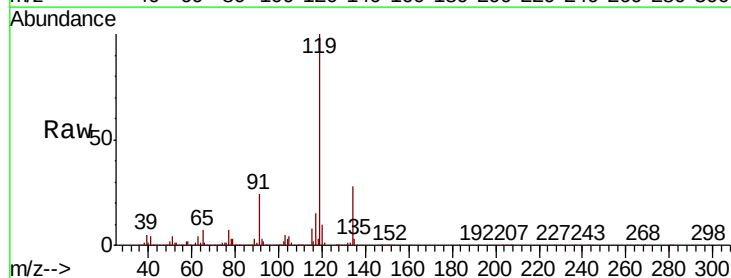
Tgt Ion:119 Resp: 365728

Ion Ratio Lower Upper

119 100

134 26.1 0.0 53.0

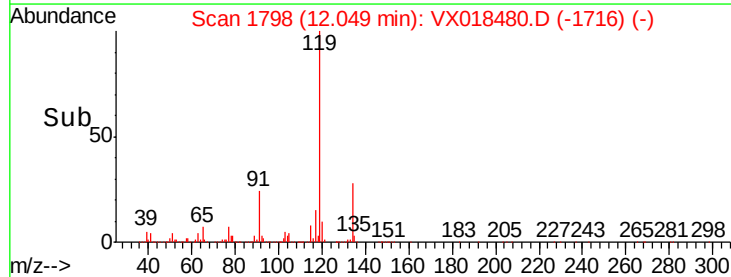
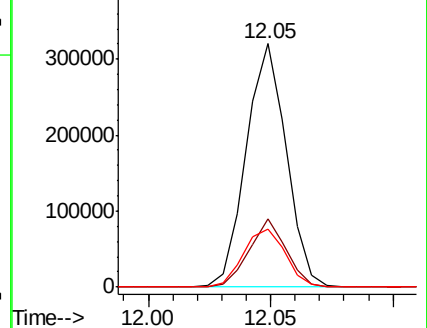
91 25.4 0.0 49.8

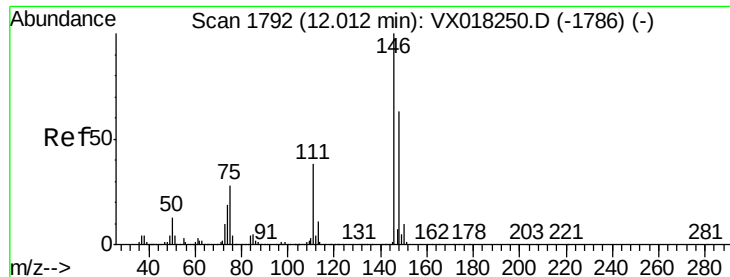


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

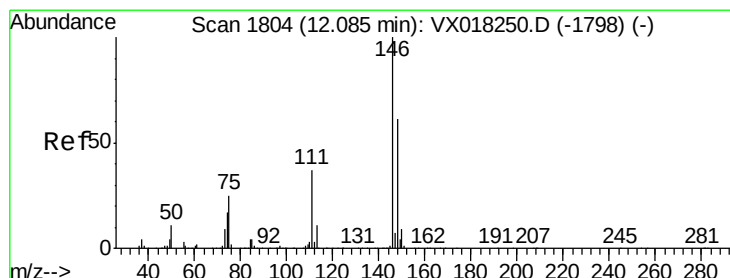
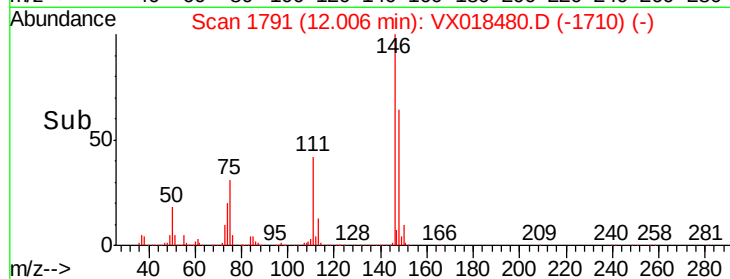
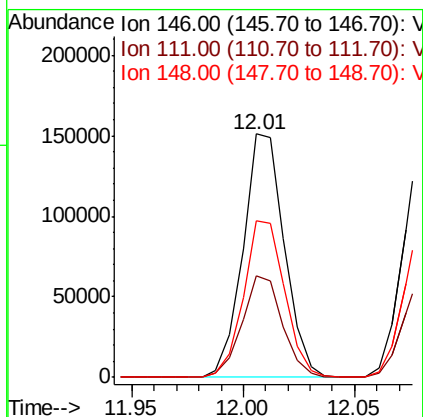
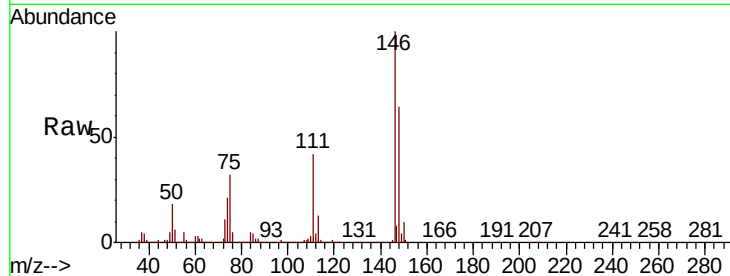




#83
 1,3-Dichlorobenzene
 Concen: 18.578 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

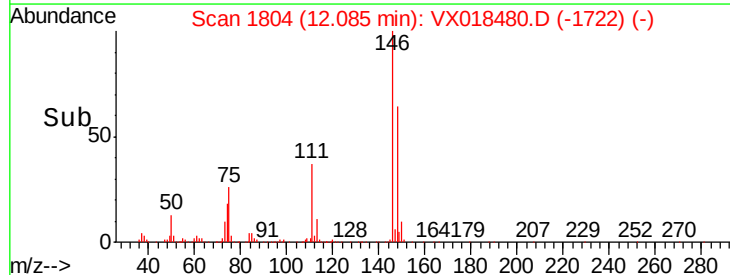
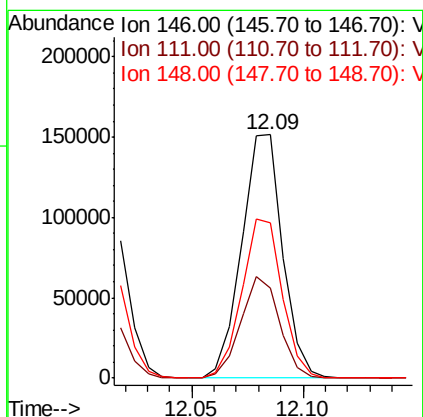
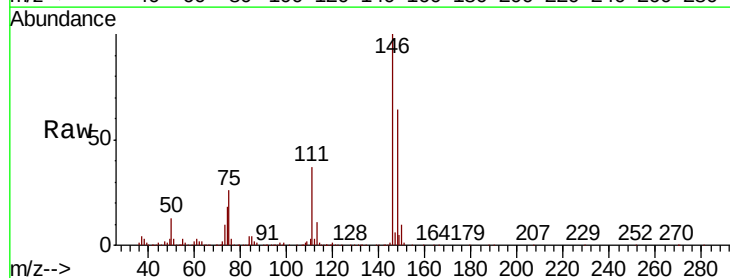
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

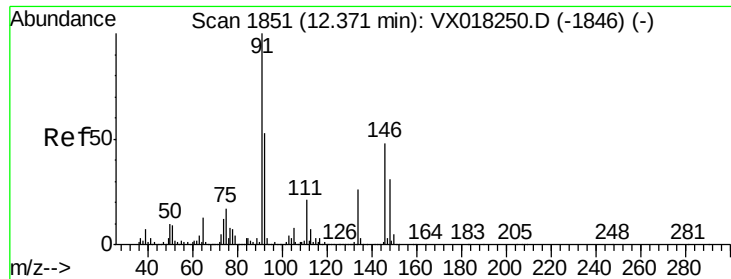
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	59.9
148	63.9	32.1	96.3



#84
 1,4-Dichlorobenzene
 Concen: 18.486 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.3	57.8
148	64.3	31.7	95.1

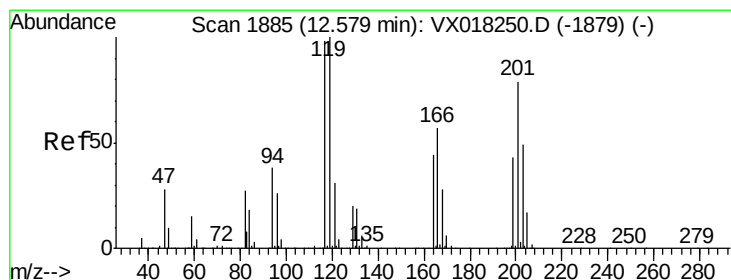
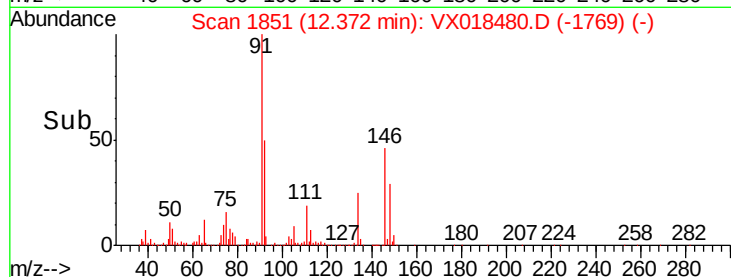
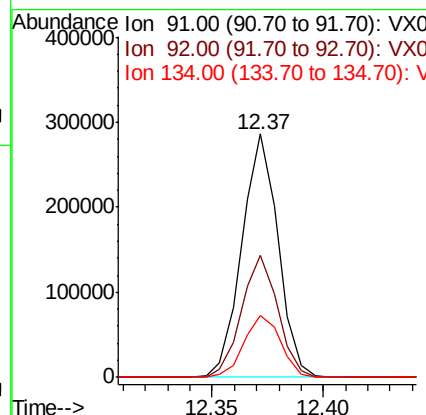
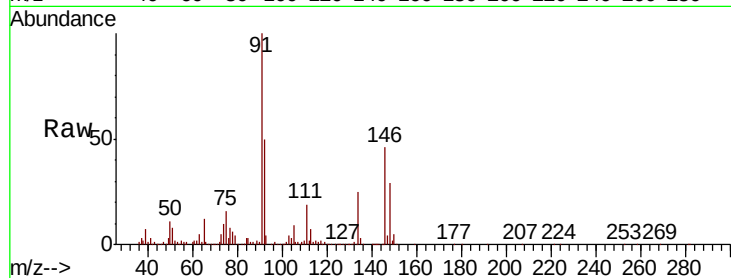




#85
n-Butylbenzene
Concen: 18.709 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

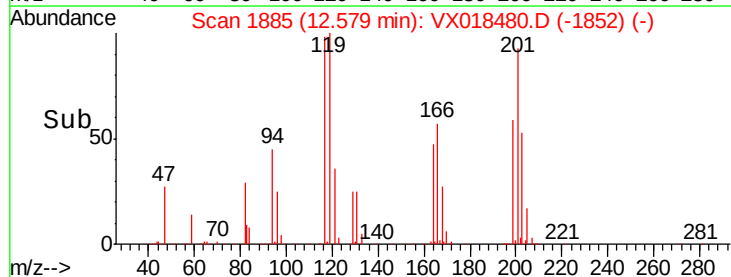
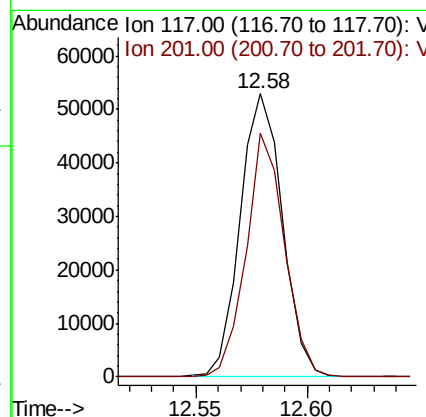
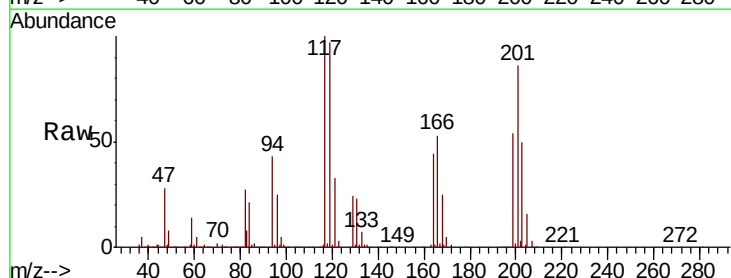
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

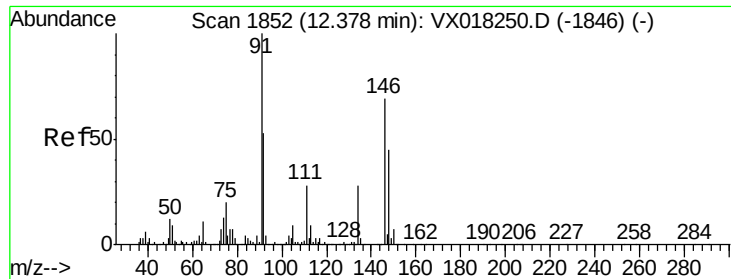
Tot Ion: 91 Resp: 323845
Ion Ratio Lower Upper
91 100
92 50.4 0.0 105.0
134 26.0 0.0 51.0



#86
Hexachloroethane
Concen: 18.086 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion: 117 Resp: 70008
Ion Ratio Lower Upper
117 100
201 78.5 39.6 118.8

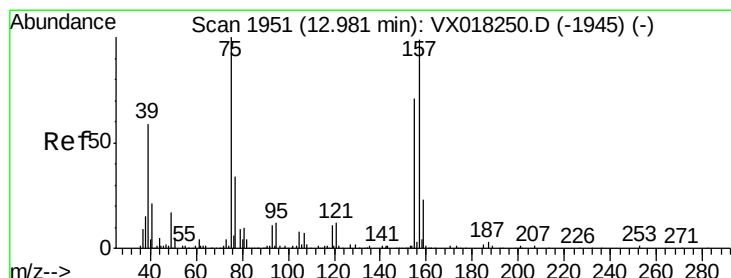
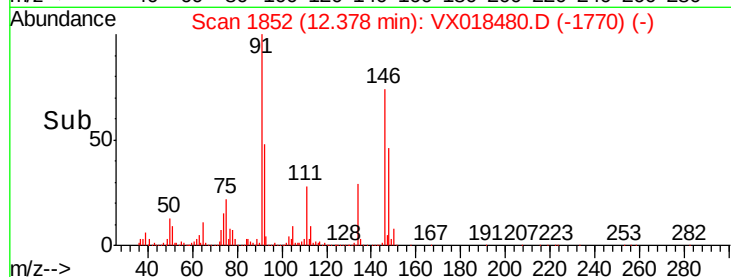
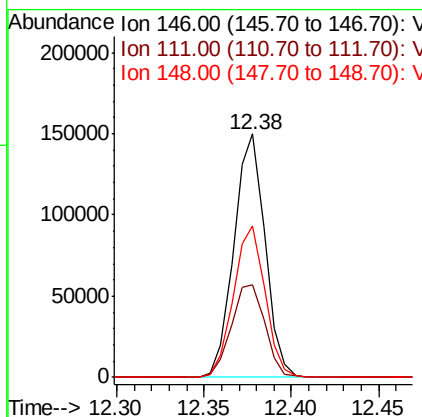
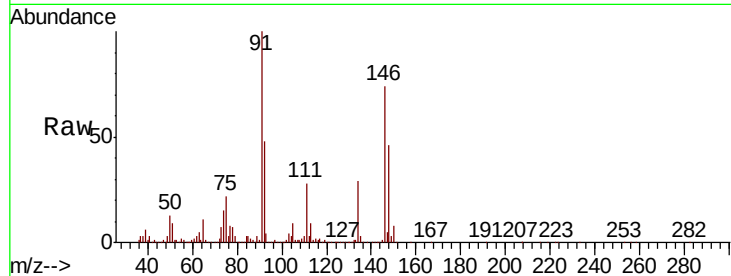




#87
 1,2-Dichlorobenzene
 Concen: 18.813 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

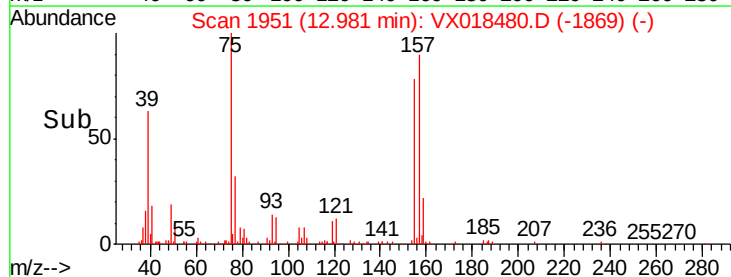
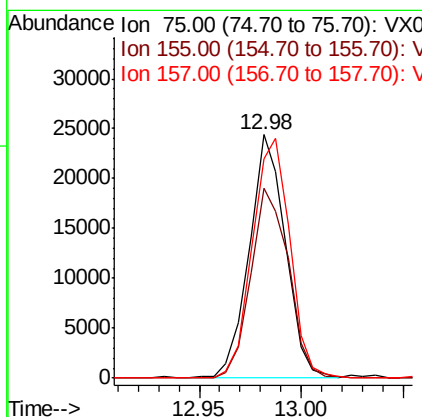
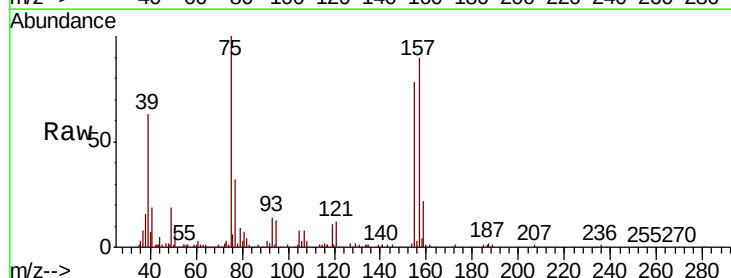
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

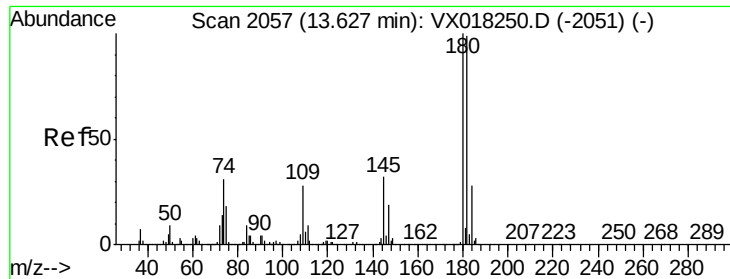
Tot Ion:146 Resp: 185632
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.4 64.3
 148 63.1 32.0 96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.791 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion: 75 Resp: 30197
 Ion Ratio Lower Upper
 75 100
 155 80.9 63.4 95.2
 157 101.9 87.0 130.6

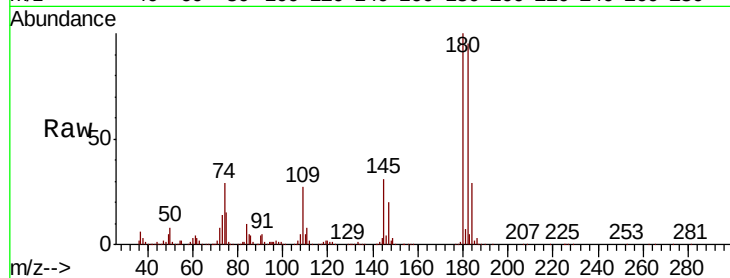




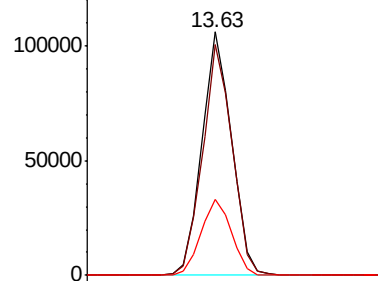
#89
 1,2,4-Trichlorobenzene
 Concen: 18.734 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

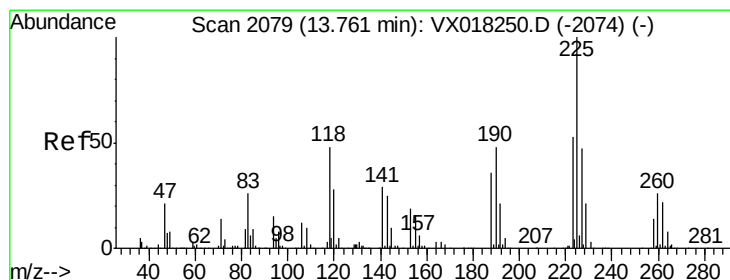
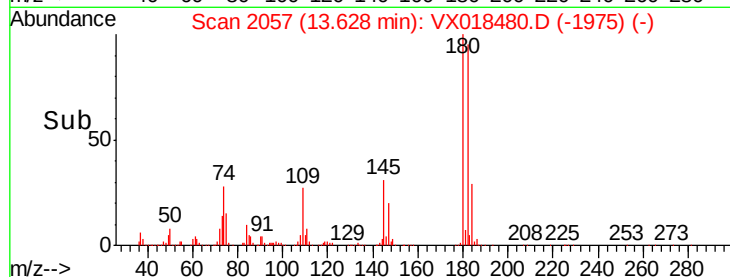
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.1	115.7
145	32.1	25.0	37.6



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

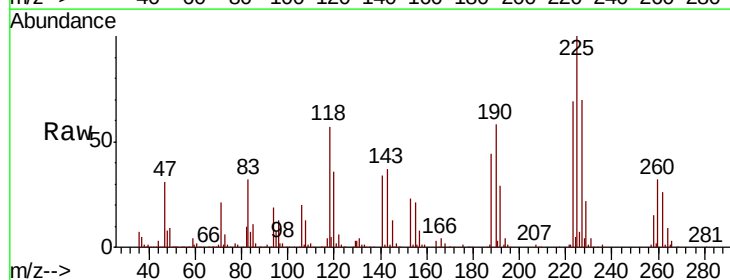


Time-->

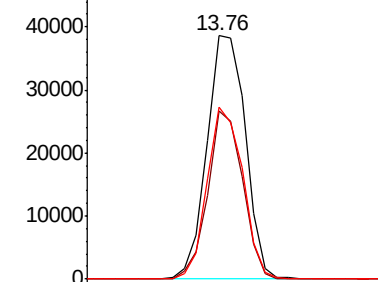


#90
 Hexachlorobutadiene
 Concen: 19.384 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

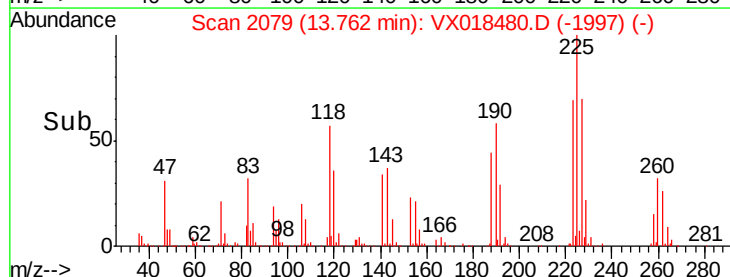
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	0.0	115.8
227	65.4	0.0	117.0

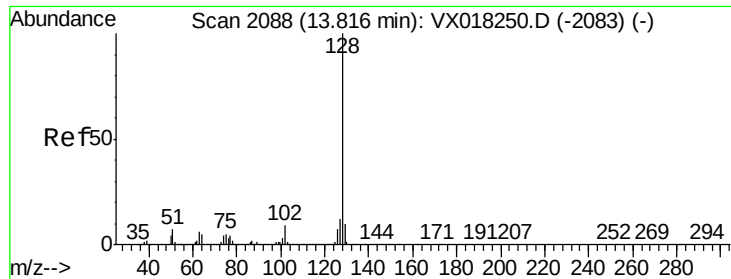


Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V



Time-->





#91

Naphthalene

Concen: 17.415 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

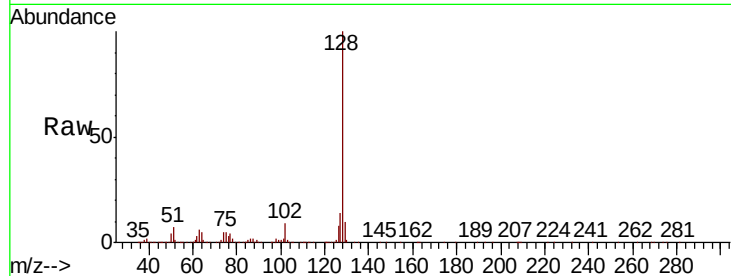
Tot Ion:128 Resp: 362822

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

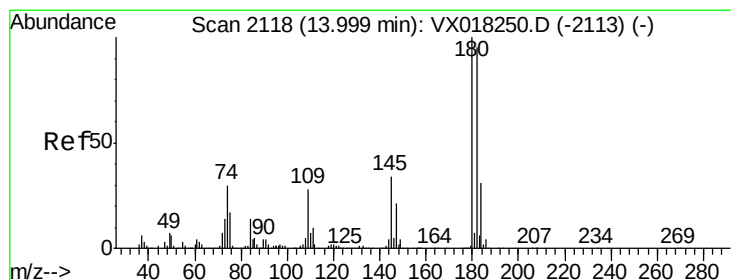
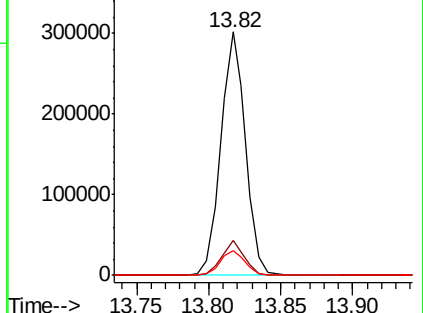
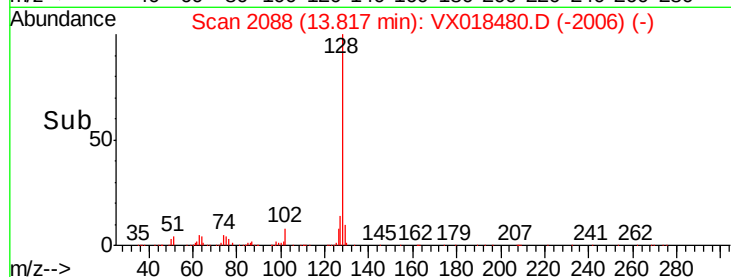
129 10.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 17.815 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

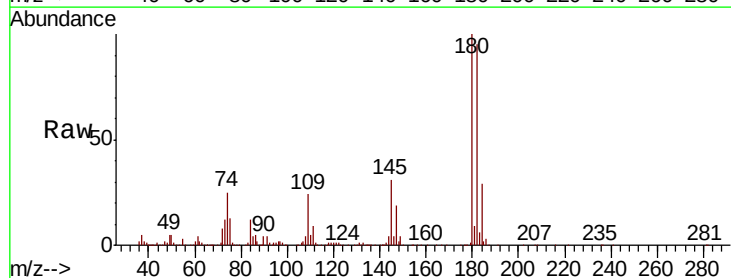
Tgt Ion:180 Resp: 117654

Ion Ratio Lower Upper

180 100

182 99.0 0.0 191.6

145 34.2 0.0 67.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

