

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092520\
 Data File : VX018588.D
 Acq On : 25 Sep 2020 09:24
 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 25 13:45:59 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	67316	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	344773	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	326385	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	163612	30.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.70%
60) 4-Bromofluorobenzene	11.12	95	170291	30.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.33%
63) Toluene-d8	8.70	98	447558	31.11	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.70%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	70098	19.679	ug/l 94
3) Chloromethane	1.31	50	74165	19.601	ug/l 99
4) Vinyl Chloride	1.39	62	78591	19.726	ug/l 99
5) Bromomethane	1.64	94	55380	20.430	ug/l 99
6) Chloroethane	1.72	64	46733	19.299	ug/l 90
7) Trichlorofluoromethane	1.92	101	139155	20.610	ug/l 97
8) Diethyl Ether	2.17	74	41906	19.687	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71449	20.712	ug/l 99
10) 1,1-Dichloroethene	2.36	96	65267	19.274	ug/l 90
11) Methyl Iodide	2.50	142	68019	20.819	ug/l 96
12) Methyl Acetate	2.75	43	80928	18.155	ug/l 100
13) Acrolein	2.28	56	15676	43.576	ug/l 98
14) Acrylonitrile	3.12	53	177498	87.880	ug/l 99
15) Acetone	2.43	58	70762	128.858	ug/l 85
16) Carbon Disulfide	2.55	76	190728	19.344	ug/l 95
17) Allyl chloride	2.71	41	115618	19.102	ug/l 98
18) Methylene Chloride	2.83	84	78712	19.805	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	73053	19.431	ug/l 94
20) Diisopropyl ether	3.82	45	234140	19.541	ug/l 96
21) 1,1-Dichloroethane	3.67	63	134980	19.626	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	80084	19.252	ug/l 98
23) tert-Butyl Alcohol	3.04	59	65915	75.309	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	224121	18.617	ug/l 99
25) Chloroform	5.17	83	143239	19.515	ug/l 100
26) Cyclohexane	5.54	56	107556	19.375	ug/l # 52
29) 1,1-Dichloropropene	5.76	75	98968	18.805	ug/l 98
30) 2-Butanone	4.64	43	280943	97.494	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	138115	20.050	ug/l 99
33) Carbon Tetrachloride	5.76	117	127215	19.818	ug/l 98
34) Benzene	6.10	78	290776	19.356	ug/l 98
35) Methacrylonitrile	5.00	41	51307	16.895	ug/l 95
36) 1,2-Dichloroethane	6.15	62	120762	19.423	ug/l # 100
37) Trichloroethene	7.19	130	85163	19.604	ug/l 94
38) Methylcyclohexane	7.44	83	103629	18.486	ug/l 99
39) 1,2-Dichloropropane	7.49	63	78076	19.404	ug/l 97
40) Dibromomethane	7.63	93	57262	19.707	ug/l 97
41) Bromodichloromethane	7.87	83	118762	19.721	ug/l 95

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.78	43	993628	92.421	ug/l	100
43) Ethyl Acetate	4.79	43	96347	16.814	ug/l	99
44) Isopropyl Acetate	6.41	43	160122	17.340	ug/l	98
45) 1,4-Dioxane	7.75	88	11646	150.960	ug/l #	6
46) Methyl methacrylate	7.74	41	76408	16.812	ug/l	96
47) n-amyl Acetate	10.88	43	126491	15.589	ug/l	96
48) t-1,3-Dichloropropene	9.02	75	125513	19.403	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	133445	19.637	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	80660	19.922	ug/l	97
51) Ethyl methacrylate	9.16	69	102931	17.550	ug/l	98
52) 1,3-Dichloropropane	9.35	76	126389	18.807	ug/l	96
53) Dibromochloromethane	9.56	129	97141	19.296	ug/l	98
54) 1,2-Dibromoethane	9.65	107	83015	18.690	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	227481	74.273	ug/l	99
56) Bromoform	10.84	173	65938	17.239	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	493395	87.890	ug/l	100
59) 2-Hexanone	9.47	43	392190	92.235	ug/l	98
61) Tetrachloroethene	9.32	164	88762	21.806	ug/l	87
62) Toluene	8.76	91	321863	19.595	ug/l	99
64) Chlorobenzene	10.12	112	202698	19.203	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	85383	19.973	ug/l	97
66) Ethyl Benzene	10.23	91	347804	19.163	ug/l	94
67) m/p-Xylenes	10.34	106	266156	38.346	ug/l	98
68) o-Xylene	10.68	106	123257	18.794	ug/l	100
69) Styrene	10.70	104	215147	18.803	ug/l	100
70) Isopropylbenzene	11.00	105	348442	19.105	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	112002	18.792	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	131584	22.979	ug/l	88
73) Bromobenzene	11.24	156	93208	18.655	ug/l	99
74) n-propylbenzene	11.34	91	402534	18.744	ug/l	98
75) 2-Chlorotoluene	11.40	91	245797	18.884	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	299072	18.823	ug/l	96
77) t-1,4-Dichloro-2-butene	11.05	75	35586	15.991	ug/l	97
78) 4-Chlorotoluene	11.49	91	291700	18.786	ug/l	98
79) tert-butylbenzene	11.76	119	282640	18.466	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	304762	19.394	ug/l	99
81) sec-Butylbenzene	11.93	105	330301	18.475	ug/l	98
82) p-Isopropyltoluene	12.05	119	307972	18.476	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	166500	18.637	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	171967	19.251	ug/l	99
85) n-Butylbenzene	12.37	91	269050	18.333	ug/l	99
86) Hexachloroethane	12.58	117	60683	18.490	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	166080	19.853	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	24313	15.946	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	103472	18.282	ug/l	98
90) Hexachlorobutadiene	13.77	225	47361	19.783	ug/l	87
91) Naphthalene	13.82	128	293334	16.607	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	100613	17.969	ug/l	99

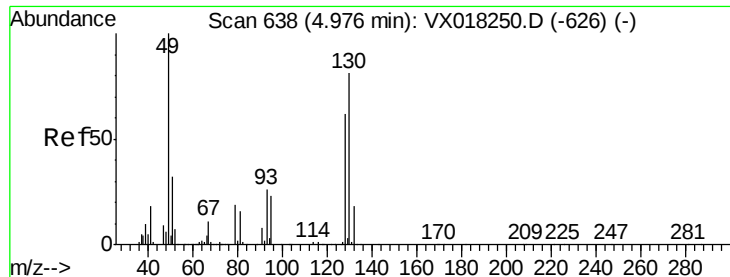
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=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: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

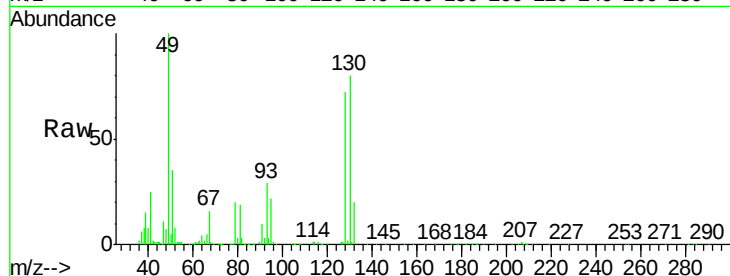
Tgt Ion:128 Resp: 67316

Ion Ratio Lower Upper

128 100

49 157.7 0.0 392.0

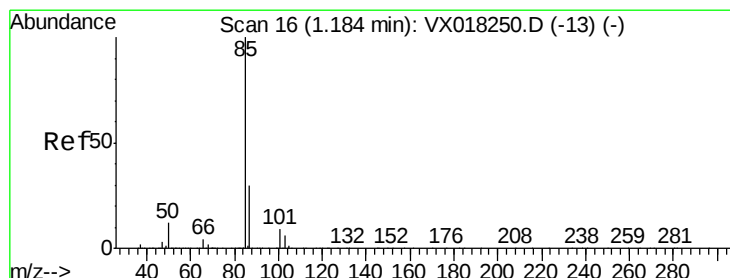
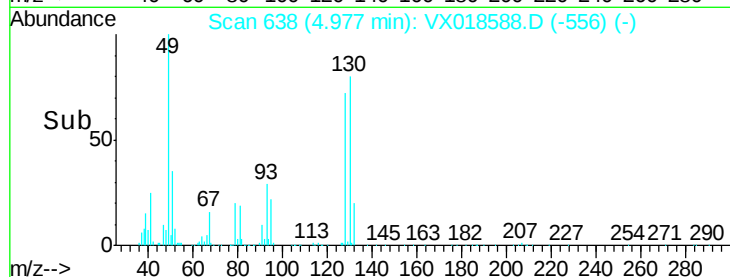
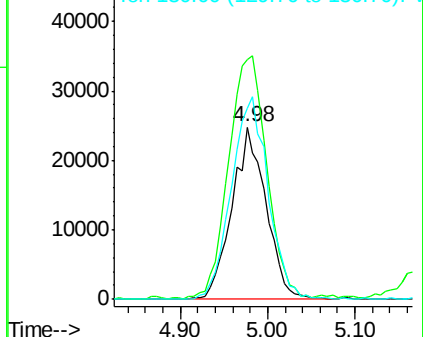
130 126.8 0.0 320.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.679 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018588.D

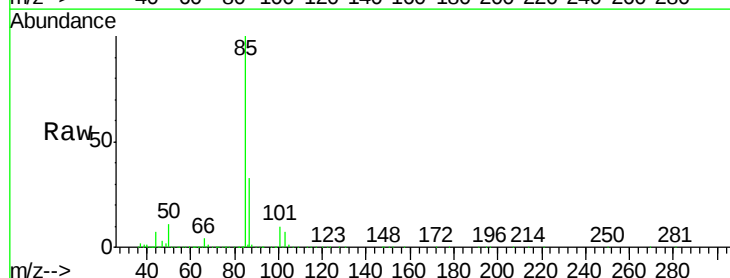
Acq: 25 Sep 2020 09:24

Tgt Ion: 85 Resp: 70098

Ion Ratio Lower Upper

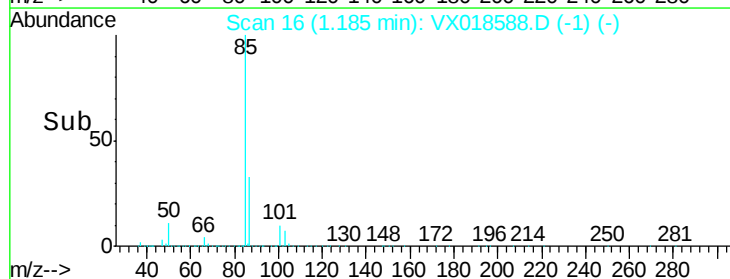
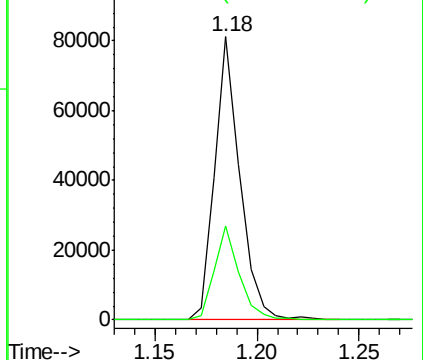
85 100

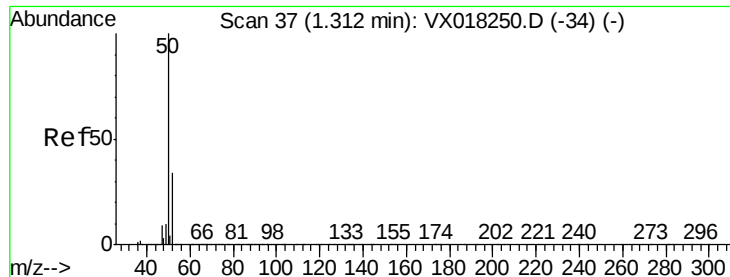
87 33.3 15.1 45.3



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

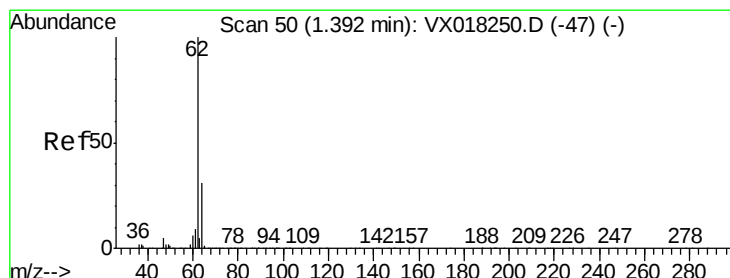
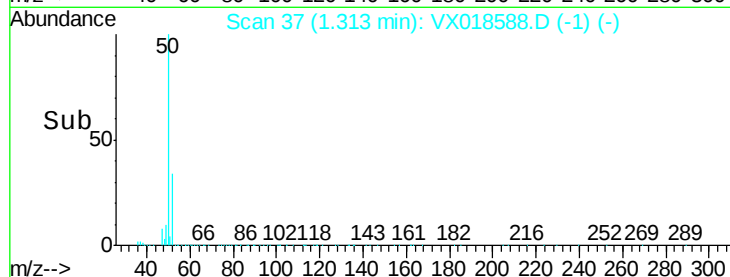
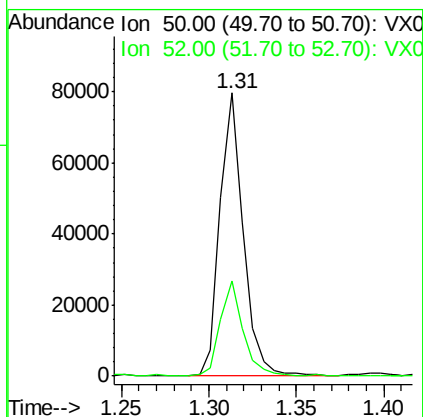
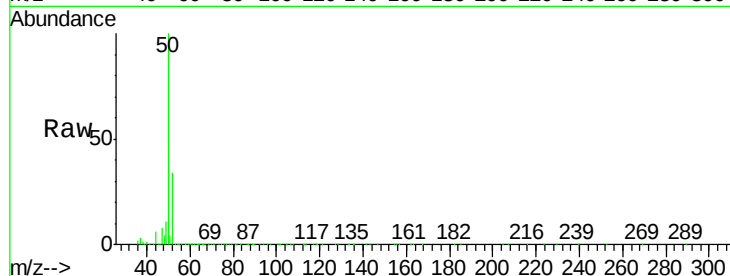




#3
Chloromethane
Concen: 19.601 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

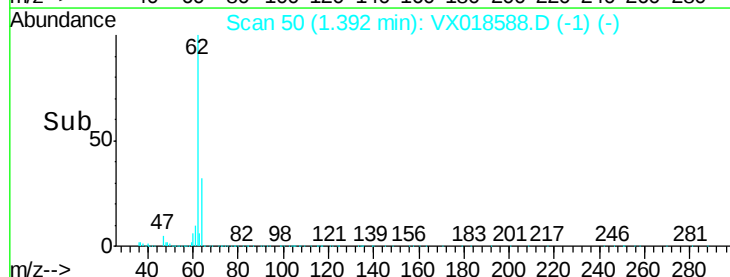
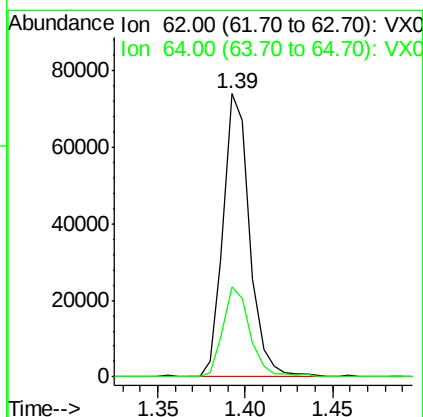
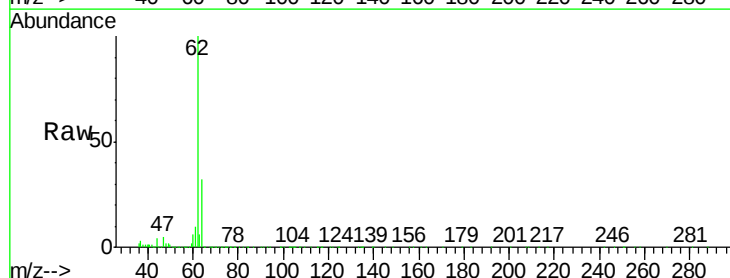
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

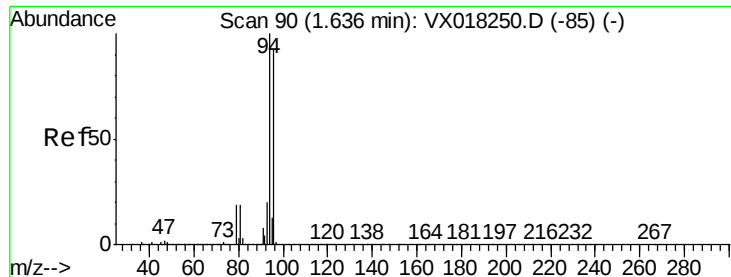
Tgt Ion: 50 Resp: 74165
Ion Ratio Lower Upper
50 100
52 33.6 27.1 40.7



#4
Vinyl Chloride
Concen: 19.726 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion: 62 Resp: 78591
Ion Ratio Lower Upper
62 100
64 31.8 25.2 37.8





#5

Bromomethane

Concen: 20.430 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

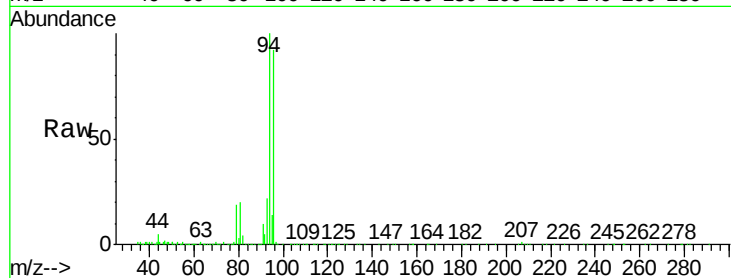
VSTDCCC020

Tgt Ion: 94 Resp: 55380

Ion Ratio Lower Upper

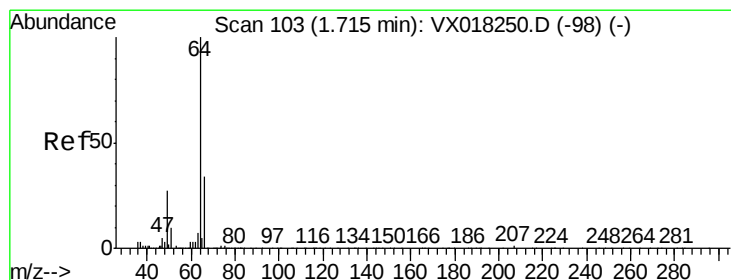
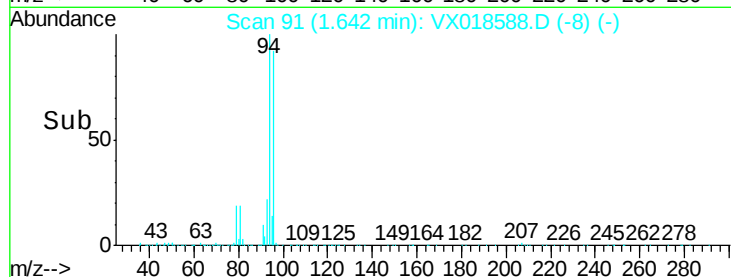
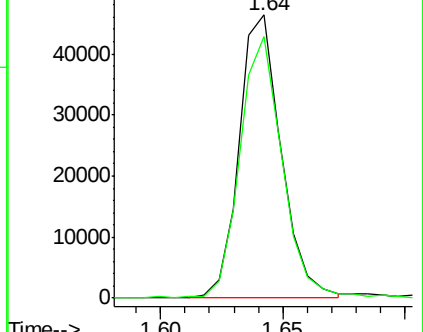
94 100

96 91.9 73.9 110.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 19.299 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018588.D

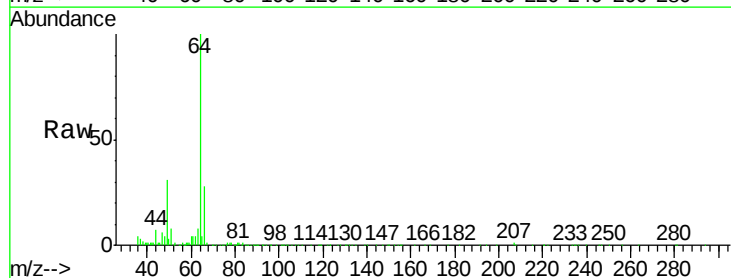
Acq: 25 Sep 2020 09:24

Tgt Ion: 64 Resp: 46733

Ion Ratio Lower Upper

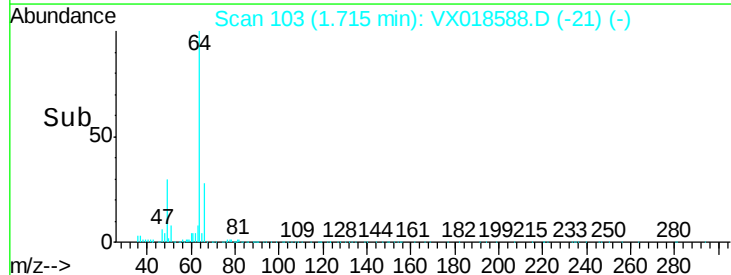
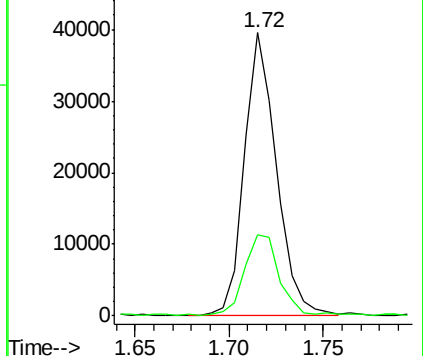
64 100

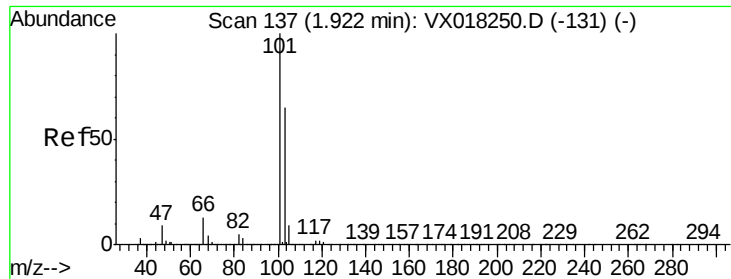
66 28.1 27.0 40.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



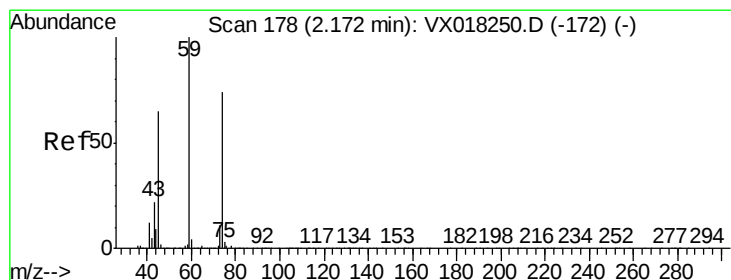
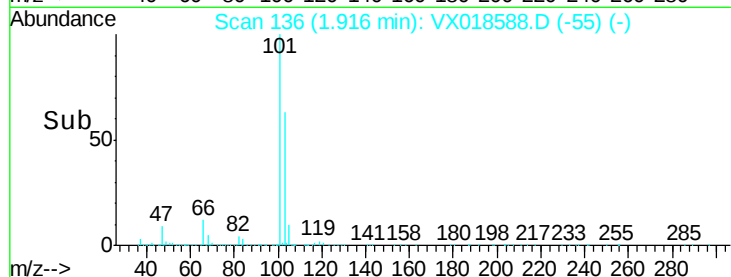
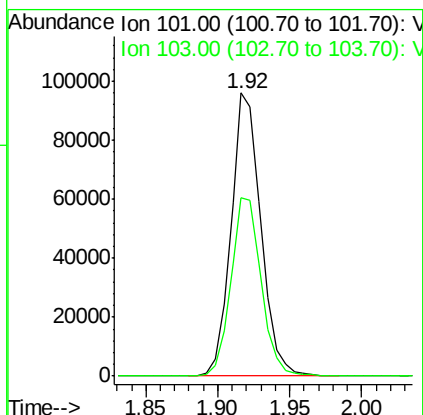
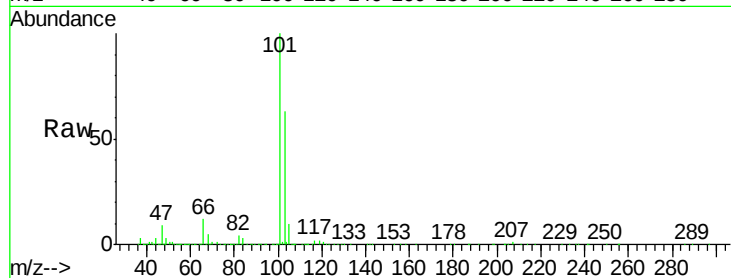


#7

Trichlorofluoromethane
 Concen: 20.610 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

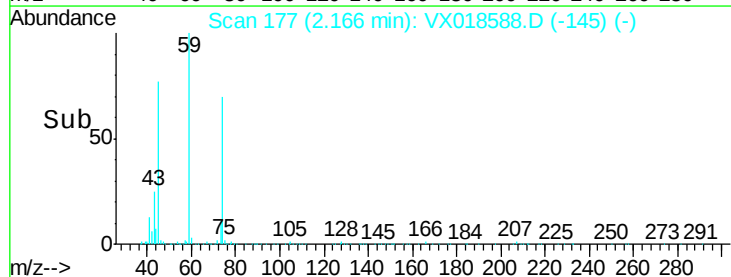
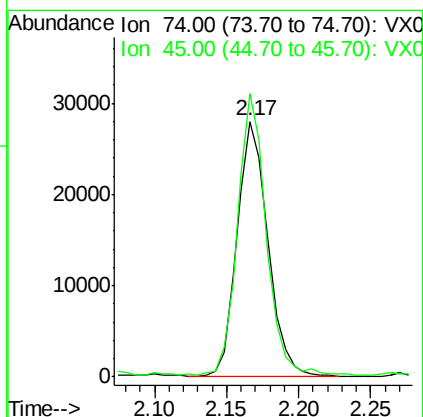
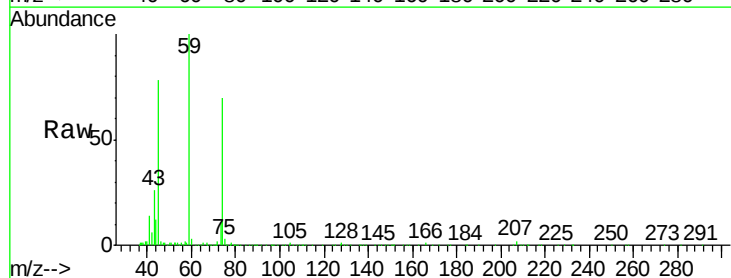
Tgt Ion:101 Resp: 139155
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.3 78.5

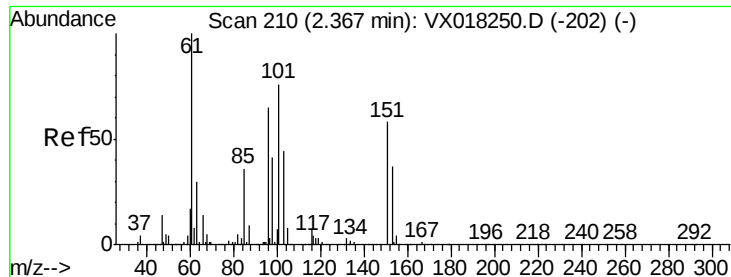


#8

Diethyl Ether
 Concen: 19.687 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion: 74 Resp: 41906
 Ion Ratio Lower Upper
 74 100
 45 101.4 20.5 184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.712 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

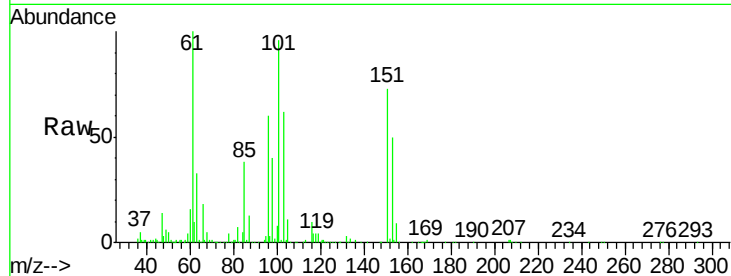
Tgt Ion: 101 Resp: 71449

Ion Ratio Lower Upper

101 100

85 43.3 0.0 87.8

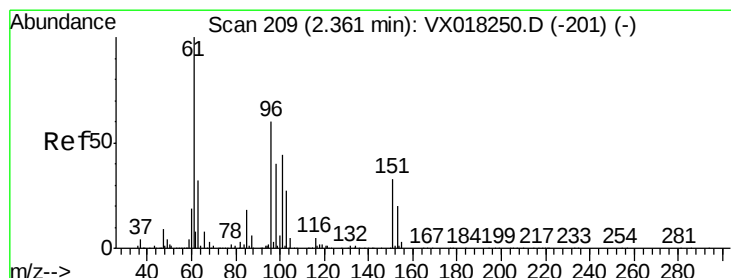
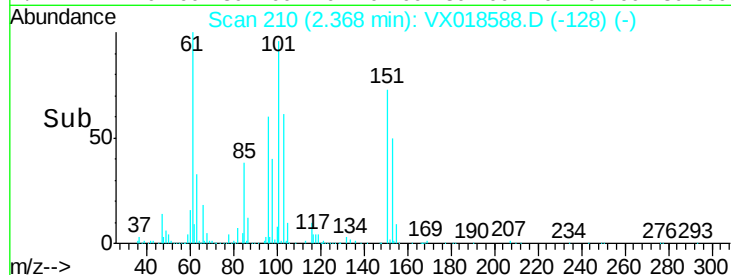
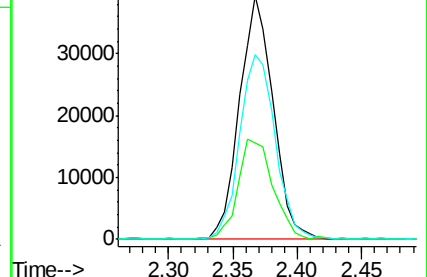
151 80.2 0.0 161.4



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: 19.274 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

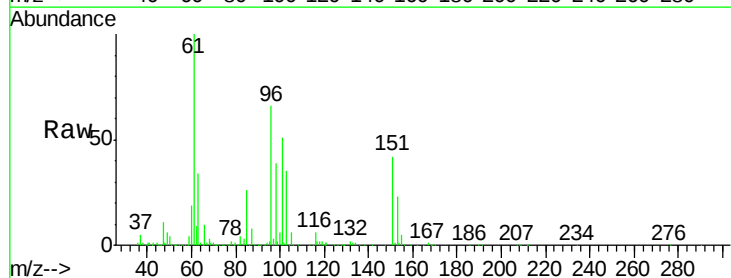
Tgt Ion: 96 Resp: 65267

Ion Ratio Lower Upper

96 100

61 151.1 132.5 198.7

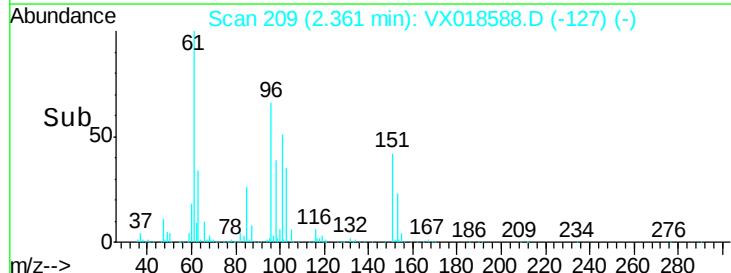
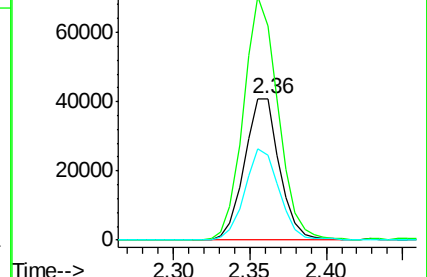
98 59.5 52.4 78.6

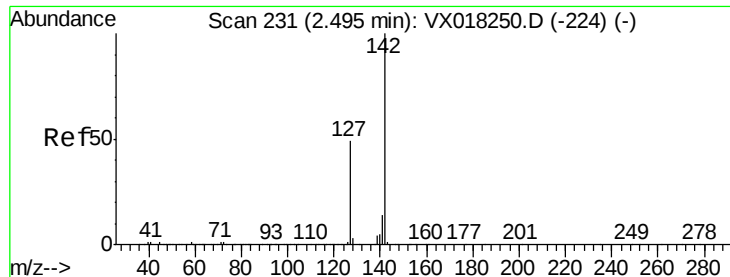


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

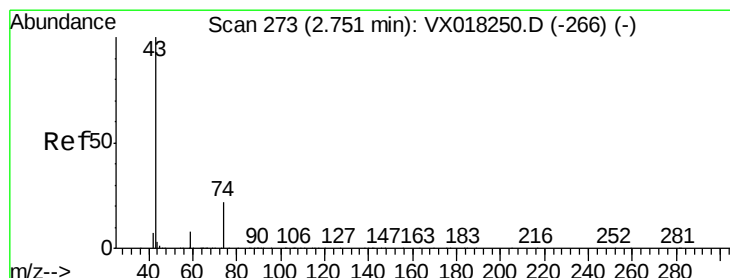
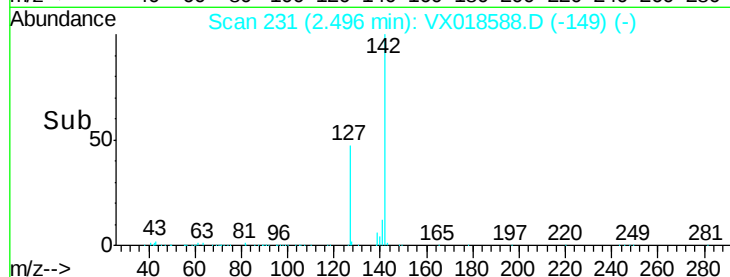
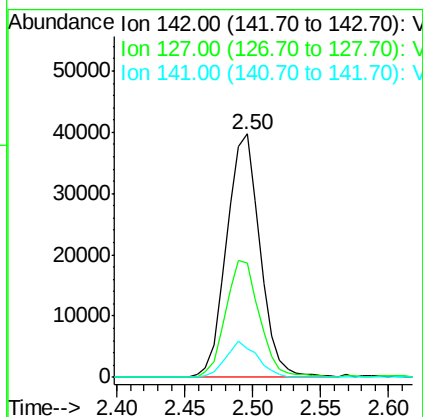
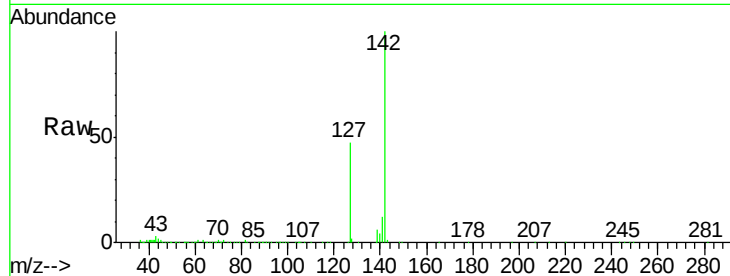




#11
Methyl Iodide
Concen: 20.819 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

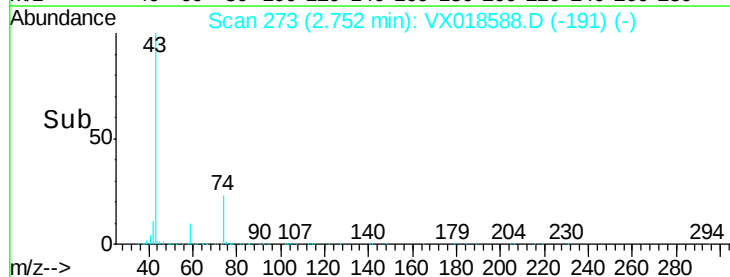
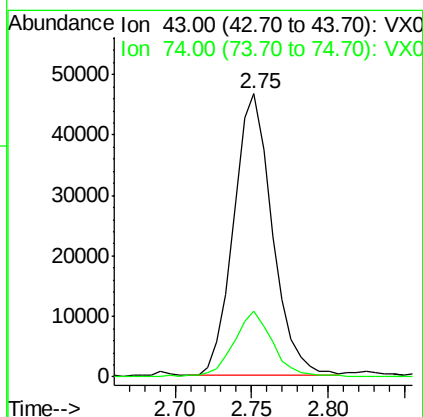
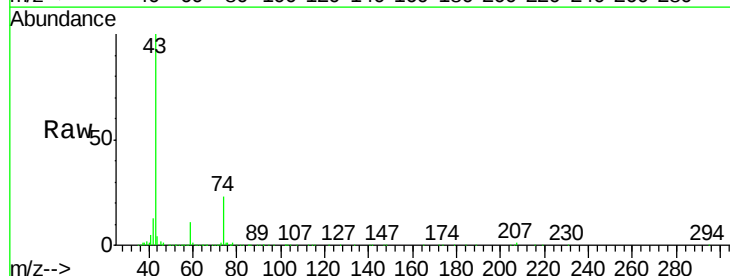
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

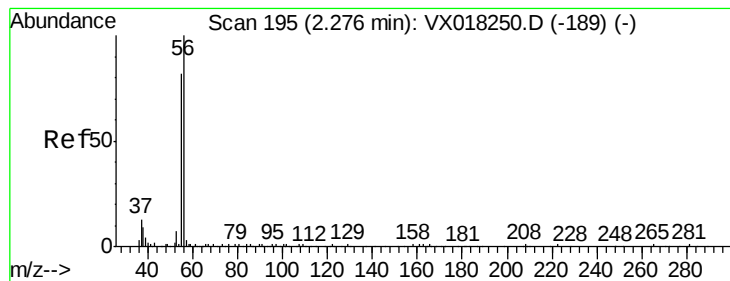
Tgt Ion:142 Resp: 68019
Ion Ratio Lower Upper
142 100
127 47.0 24.6 74.0
141 11.6 7.0 21.0



#12
Methyl Acetate
Concen: 18.155 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion: 43 Resp: 80928
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0





#13

Acrolein

Concen: 43.576 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

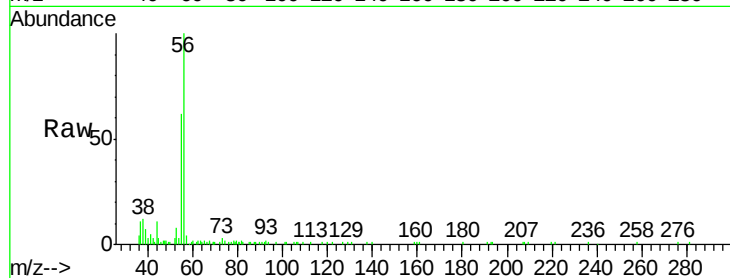
VSTDCCC020

Tgt Ion: 56 Resp: 15676

Ion Ratio Lower Upper

56 100

55 72.6 59.7 89.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

12000

10000

8000

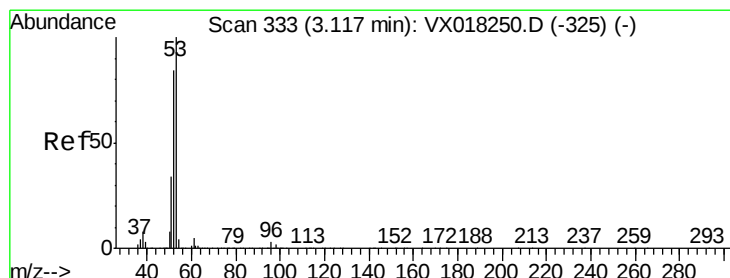
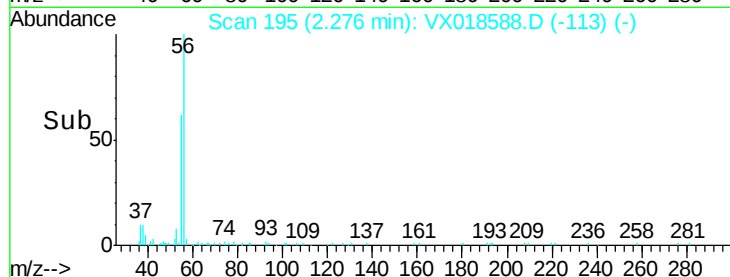
6000

4000

2000

0

Time--> 2.20 2.25 2.30 2.35



#14

Acrylonitrile

Concen: 87.880 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

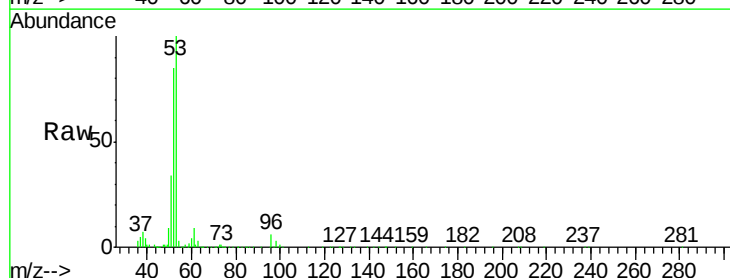
Tgt Ion: 53 Resp: 177498

Ion Ratio Lower Upper

53 100

52 83.7 41.9 125.7

51 37.4 18.3 54.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.12

120000

100000

80000

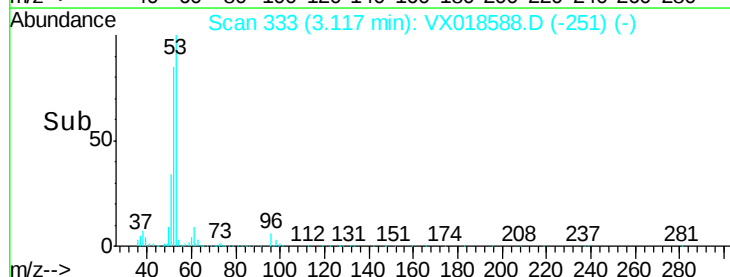
60000

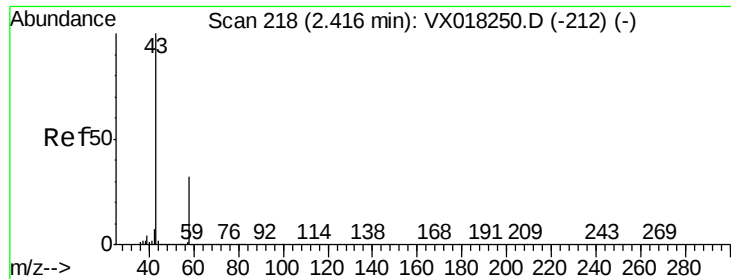
40000

20000

0

Time--> 3.05 3.10 3.15 3.20 3.25





#15

Acetone

Concen: 128.858 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

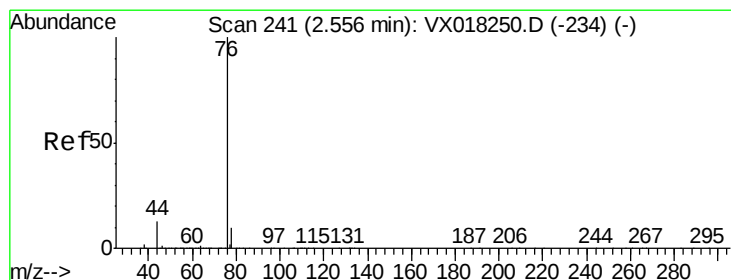
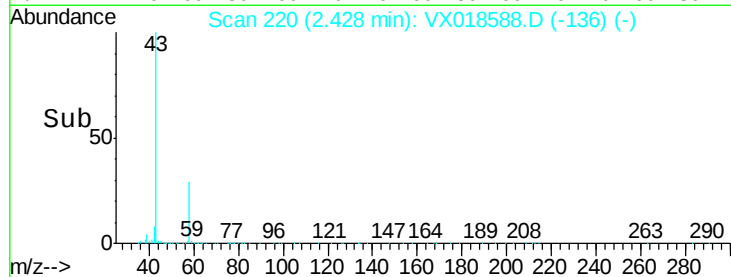
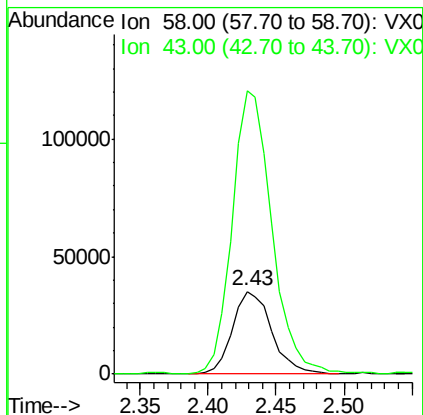
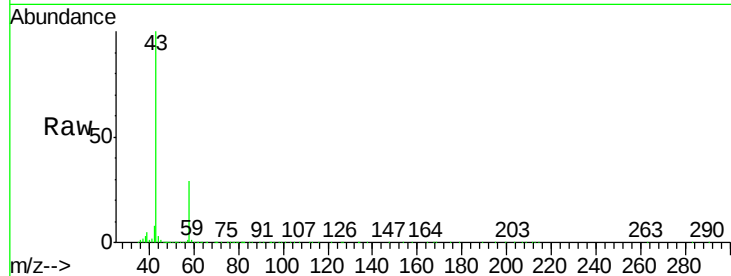
VSTDCCC020

Tgt Ion: 58 Resp: 70762

Ion Ratio Lower Upper

58 100

43 341.2 248.2 372.2



#16

Carbon Disulfide

Concen: 19.344 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018588.D

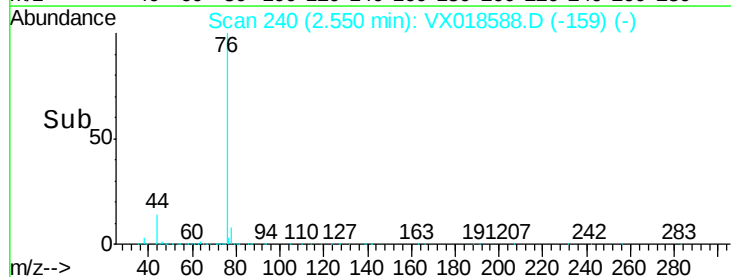
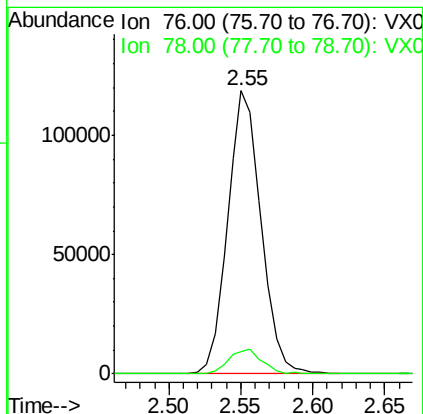
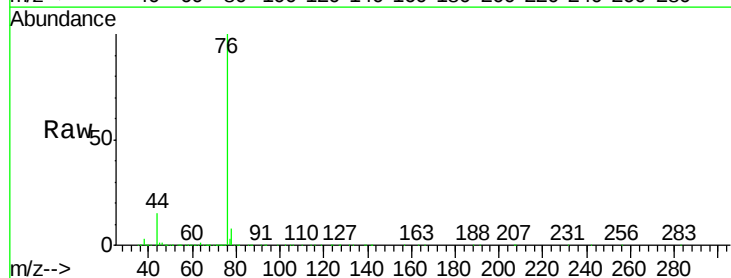
Acq: 25 Sep 2020 09:24

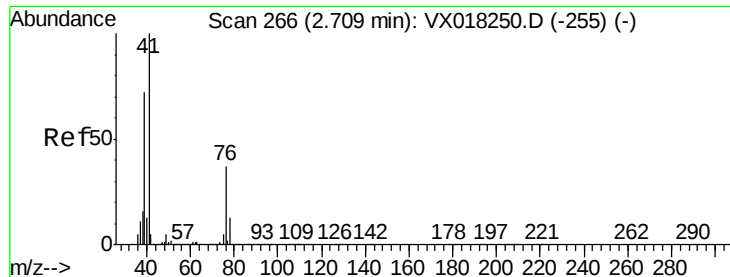
Tgt Ion: 76 Resp: 190728

Ion Ratio Lower Upper

76 100

78 8.0 7.8 11.6





#17

Allyl chloride

Concen: 19.102 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

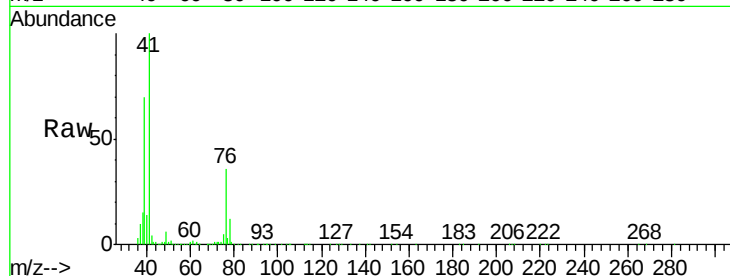
Tgt Ion: 41 Resp: 115618

Ion Ratio Lower Upper

41 100

39 69.6 36.0 108.1

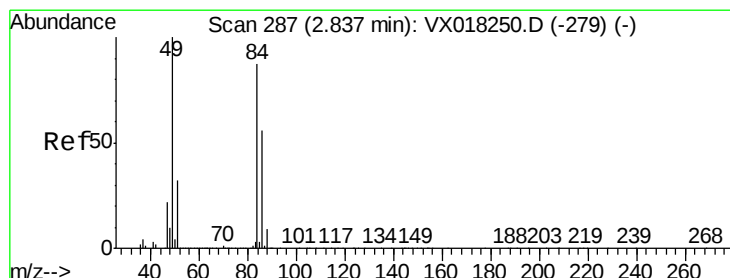
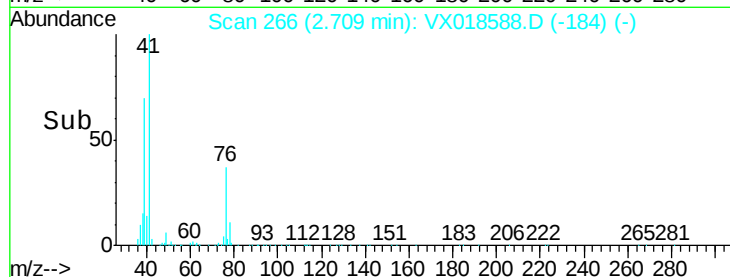
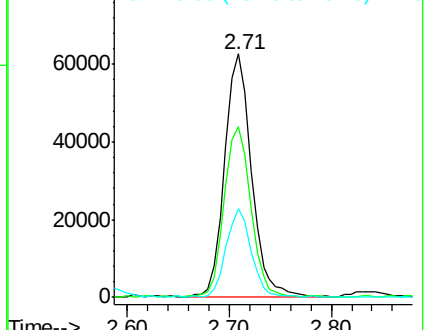
76 36.2 18.6 55.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 19.805 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion: 84 Resp: 78712

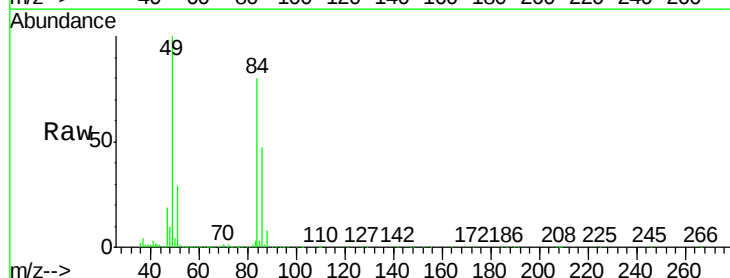
Ion Ratio Lower Upper

84 100

49 124.8 91.6 137.4

51 36.0 29.4 44.0

86 59.3 51.5 77.3

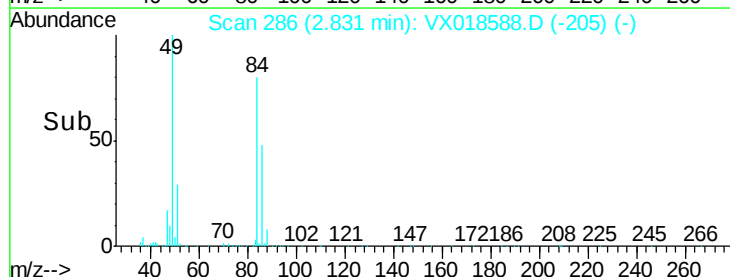
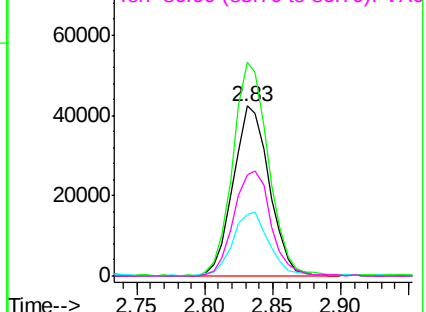


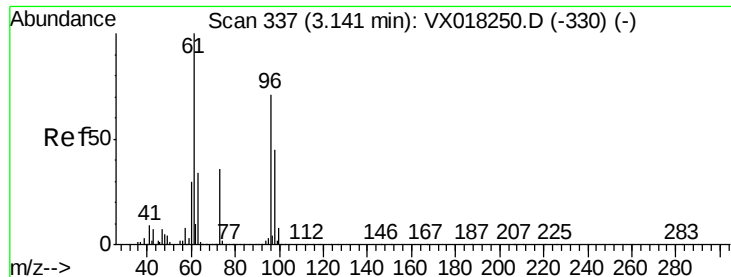
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 19.431 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

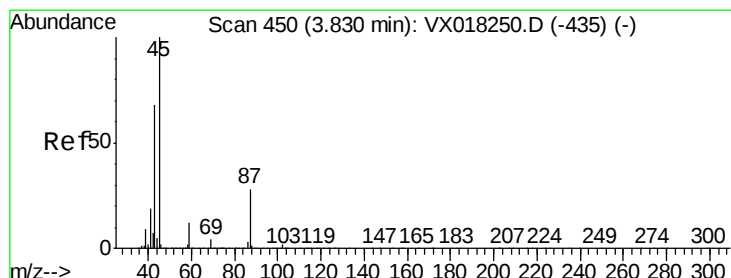
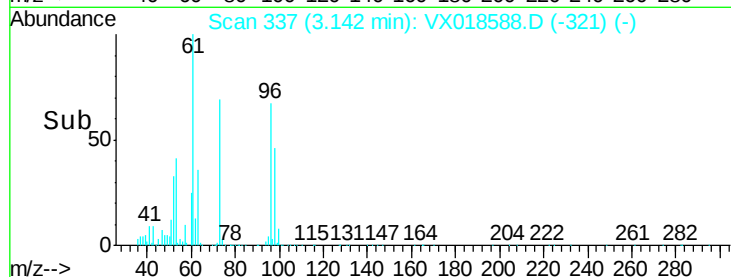
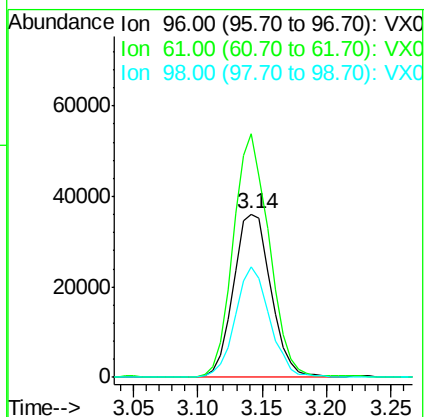
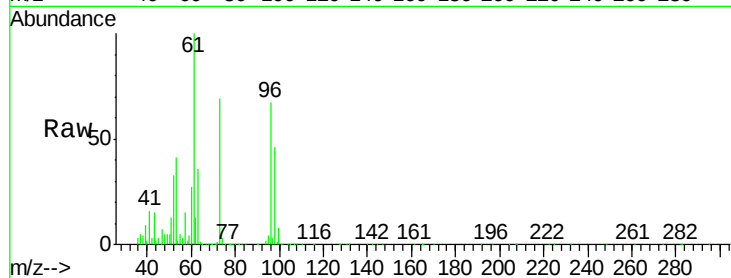
Tgt Ion: 96 Resp: 73053

Ion Ratio Lower Upper

96 100

61 148.7 112.8 169.2

98 67.7 51.0 76.4



#20

Diisopropyl ether

Concen: 19.541 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion: 45 Resp: 234140

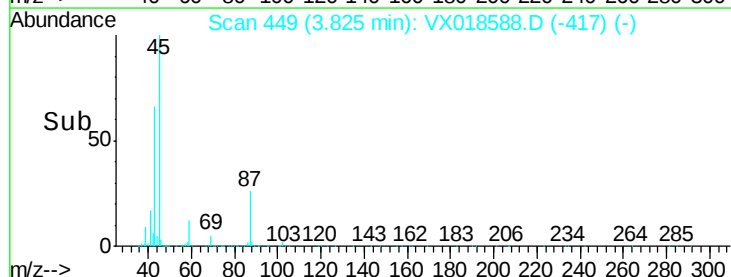
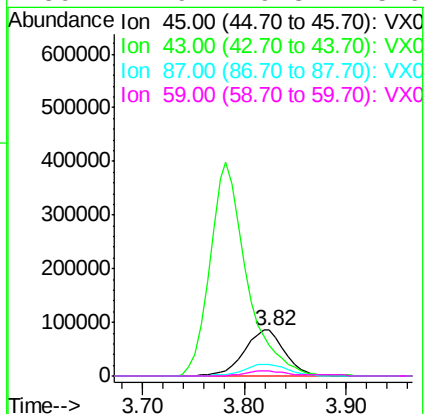
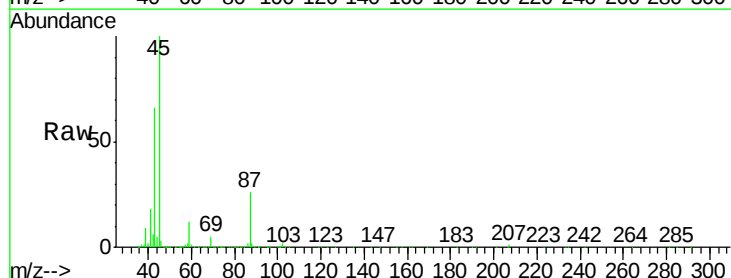
Ion Ratio Lower Upper

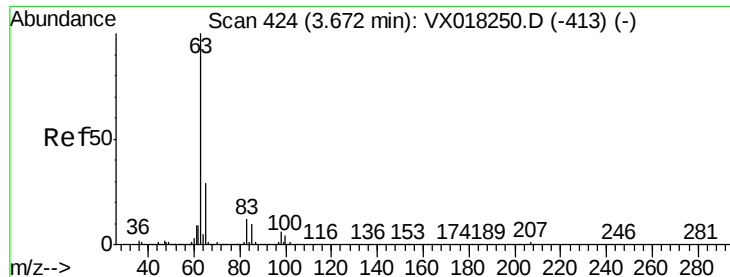
45 100

43 64.7 54.5 81.7

87 25.6 22.2 33.2

59 11.9 9.3 13.9

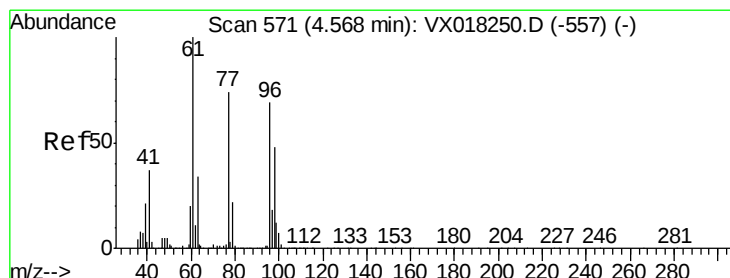
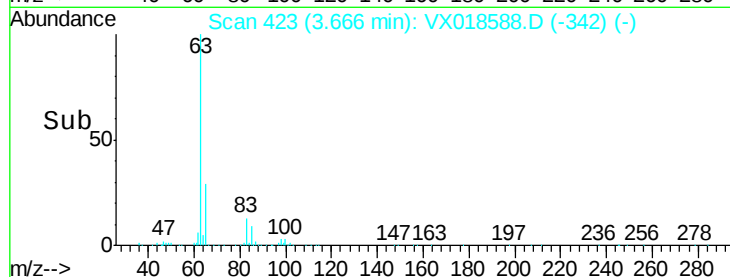
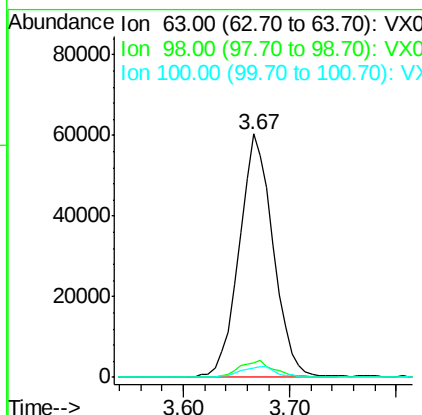
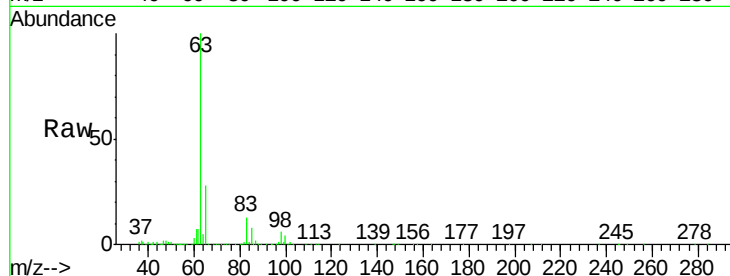




#21
 1,1-Dichloroethane
 Concen: 19.626 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

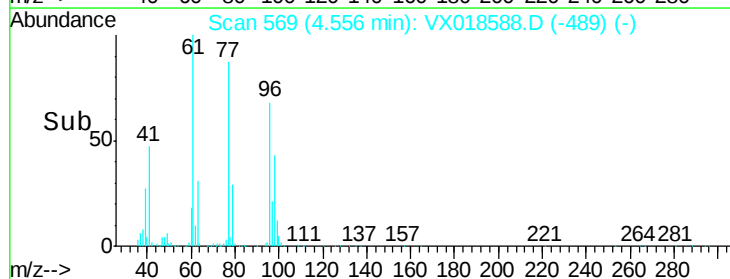
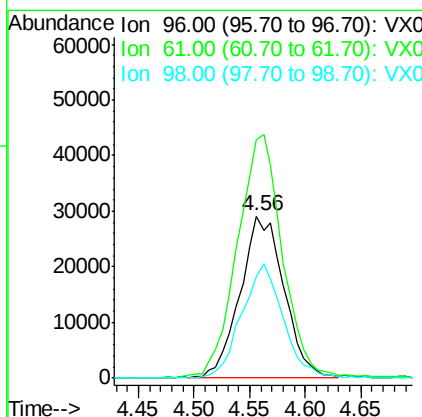
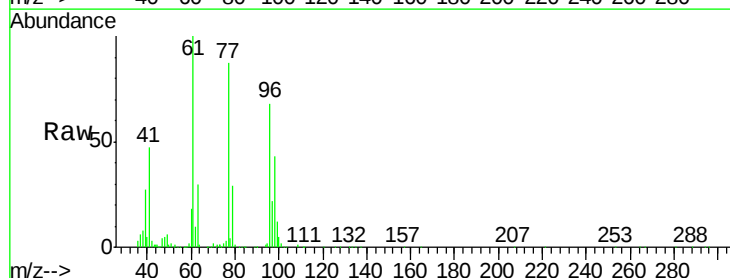
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

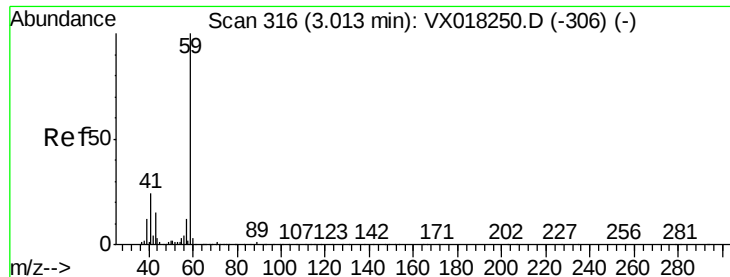
Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.2	9.6
100	4.0	2.1	6.3



#22
 cis-1,2-Dichloroethene
 Concen: 19.252 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.3	116.2	174.4
98	66.4	52.5	78.7





#23

tert-Butyl Alcohol

Concen: 75.309 ug/l

RT: 3.04 min Scan# 321

Delta R.T. 0.03 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

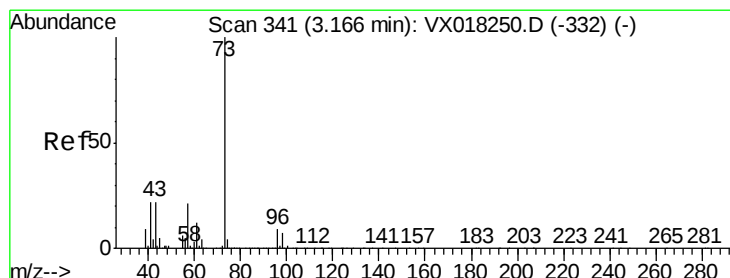
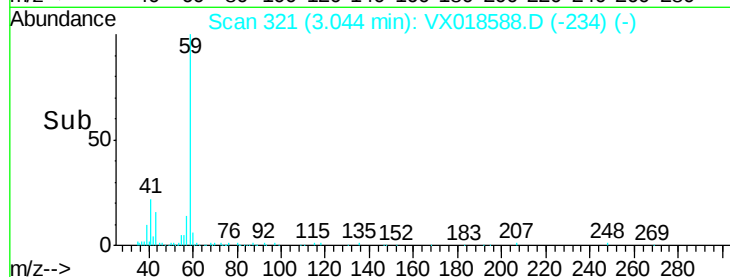
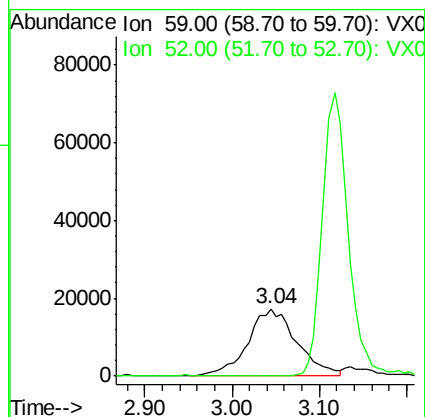
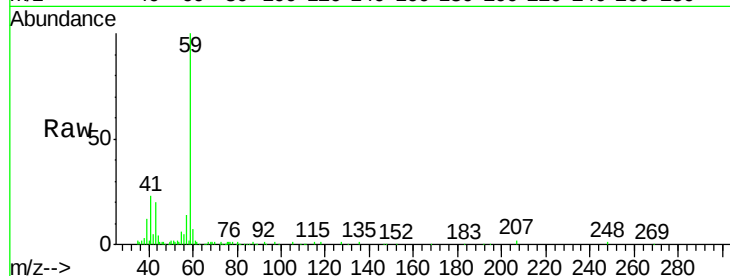
VSTDCCC020

Tgt Ion: 59 Resp: 65915

Ion Ratio Lower Upper

59 100

52 0.3 0.4 0.6#



#24

Methyl tert-Butyl Ether

Concen: 18.617 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX018588.D

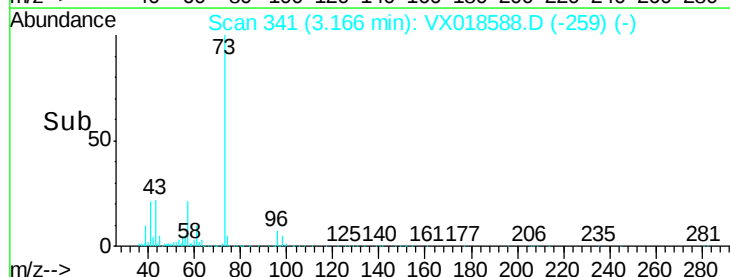
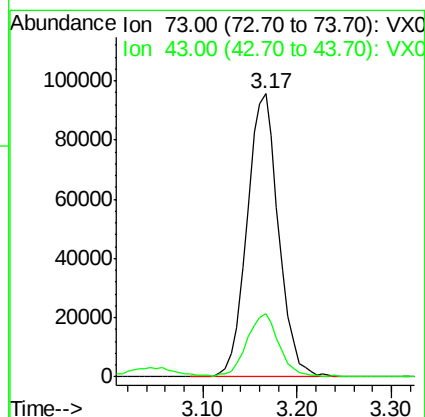
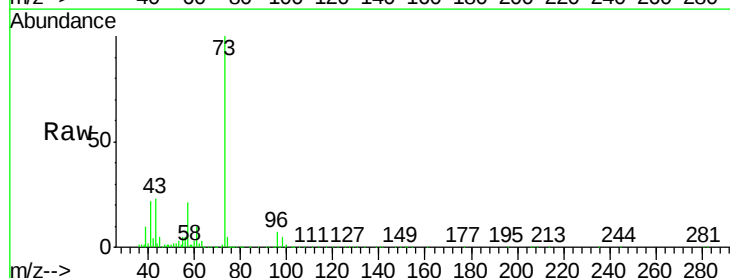
Acq: 25 Sep 2020 09:24

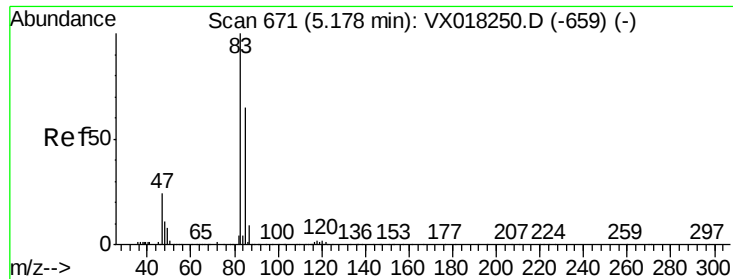
Tgt Ion: 73 Resp: 224121

Ion Ratio Lower Upper

73 100

43 22.5 17.8 26.6

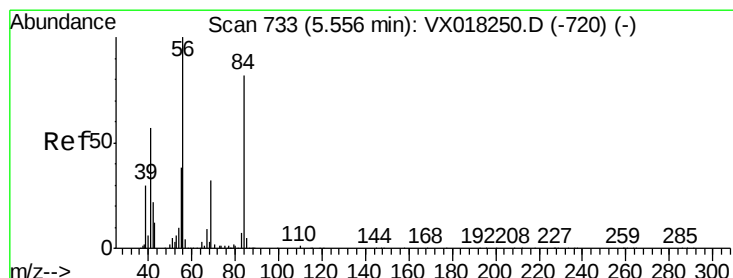
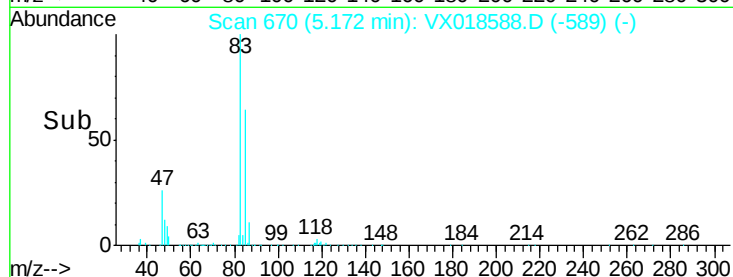
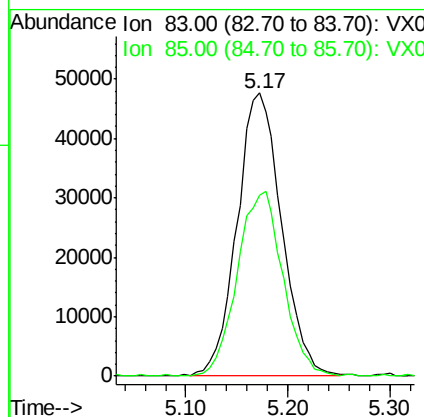
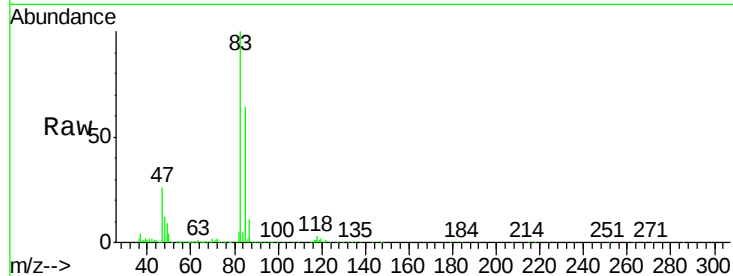




#25
Chloroform
Concen: 19.515 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

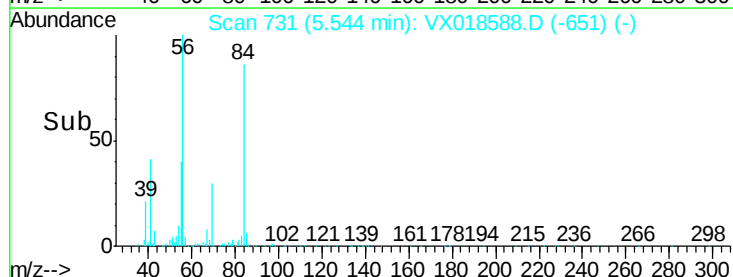
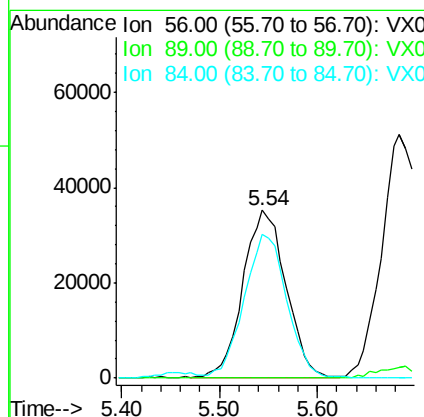
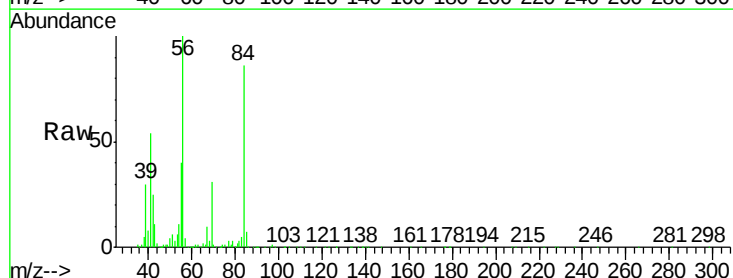
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

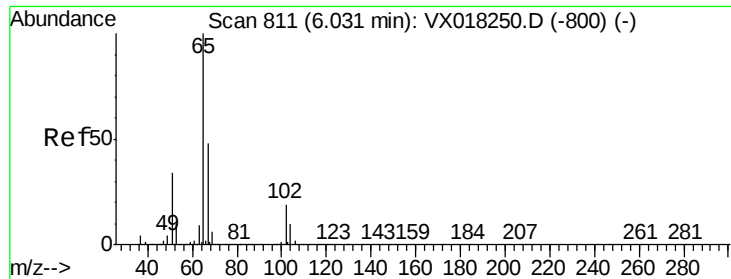
Tgt Ion: 83 Resp: 143239
Ion Ratio Lower Upper
83 100
85 64.3 51.6 77.4



#26
Cyclohexane
Concen: 19.375 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion: 56 Resp: 107556
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 84.8 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 30.807 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

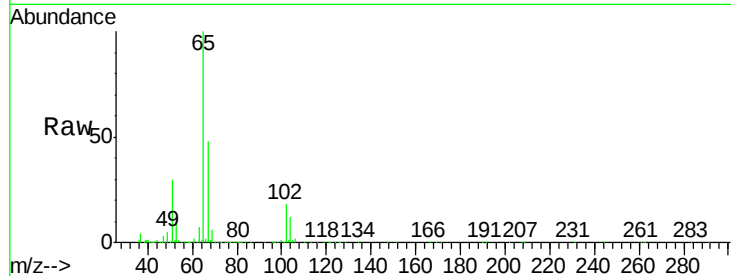
VSTDCCC020

Tgt Ion: 65 Resp: 163612

Ion Ratio Lower Upper

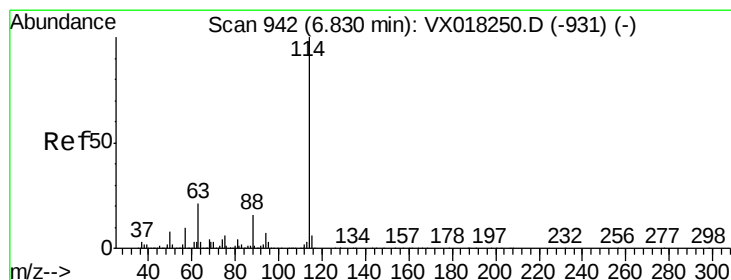
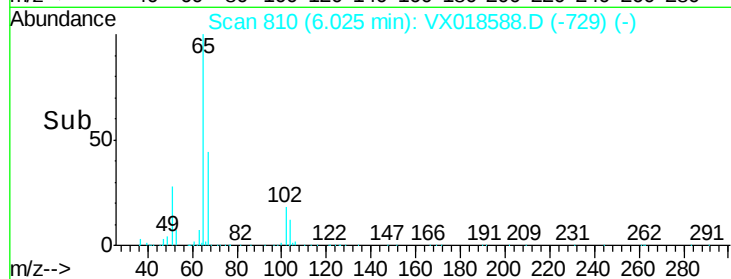
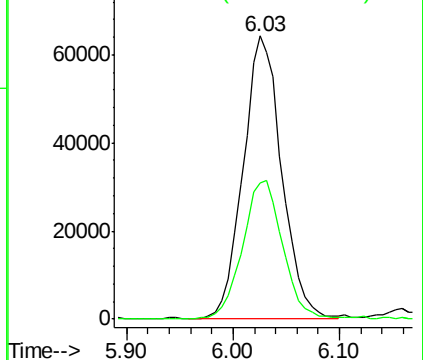
65 100

67 50.9 39.9 59.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

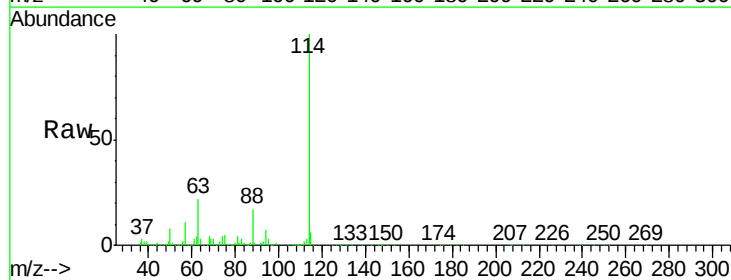
Tgt Ion: 114 Resp: 344773

Ion Ratio Lower Upper

114 100

63 20.8 16.7 25.1

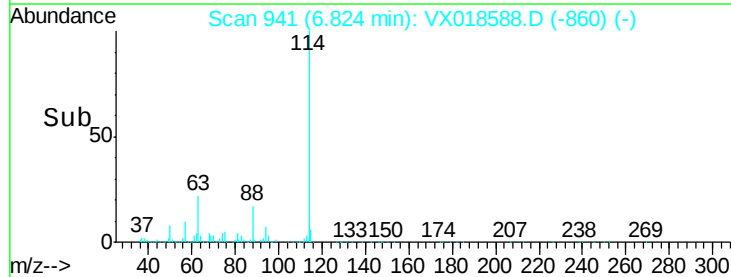
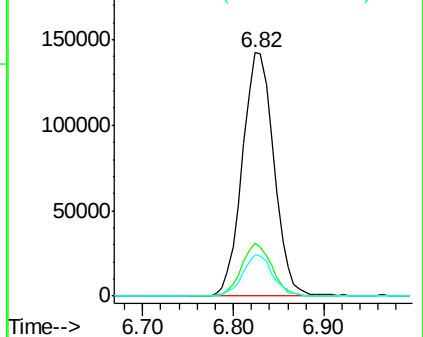
88 16.0 12.6 18.8

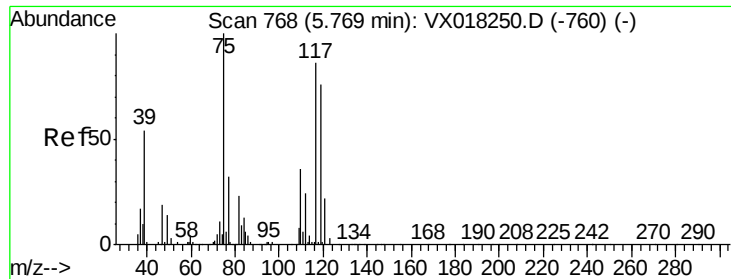


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

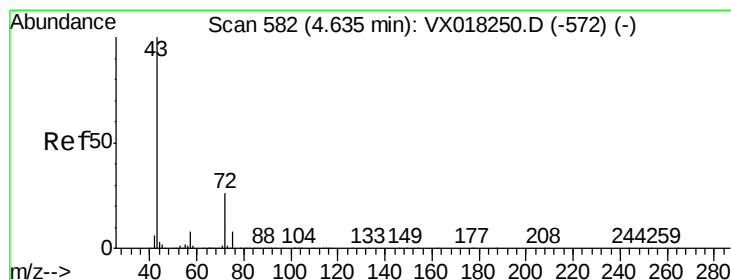
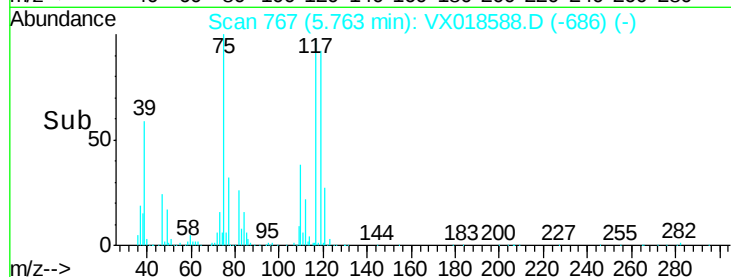
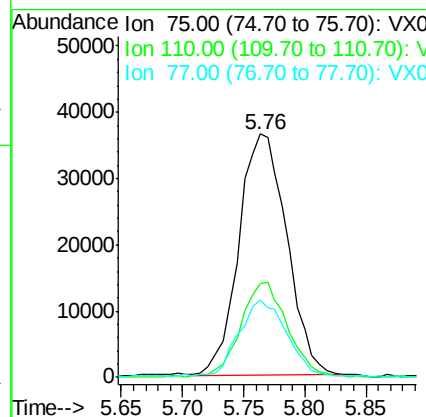
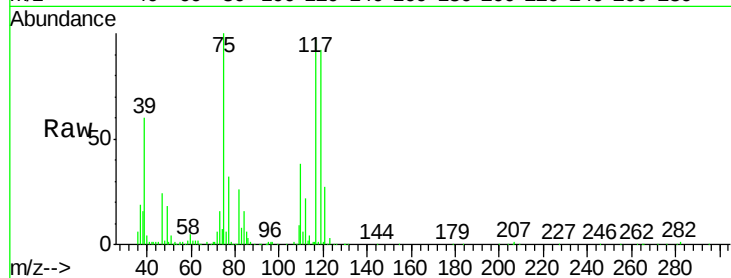




#29
 1,1-Dichloropropene
 Concen: 18.805 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

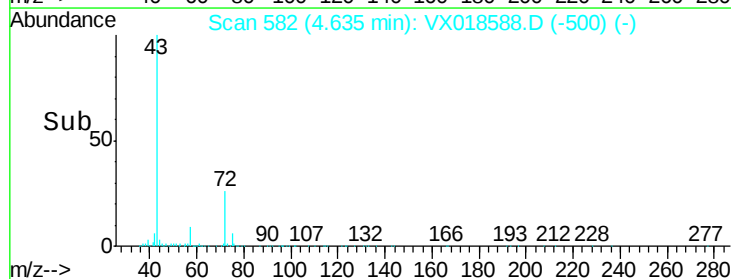
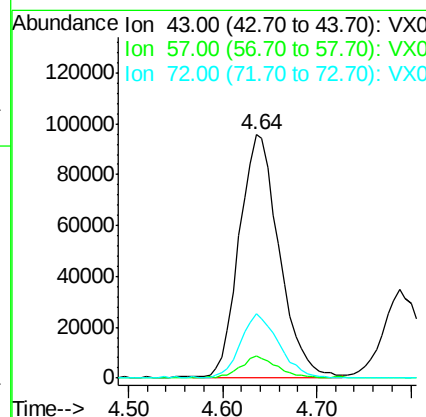
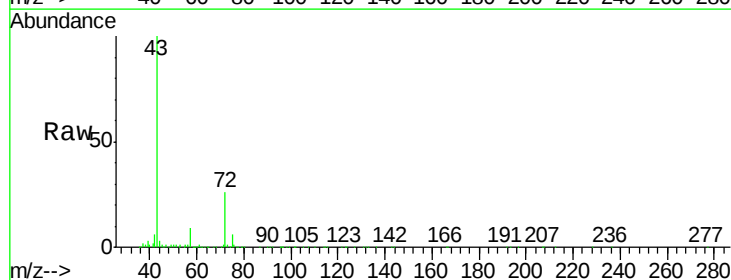
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

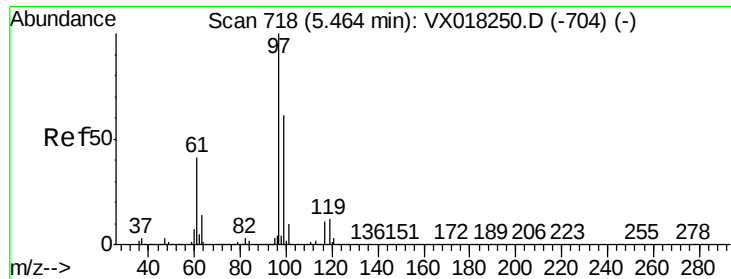
Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	0.0	72.2
77	30.9	0.0	61.0



#30
 2-Butanone
 Concen: 97.494 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.7	10.1
72	25.0	20.0	30.0





#32

1,1,1-Trichloroethane

Concen: 20.050 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

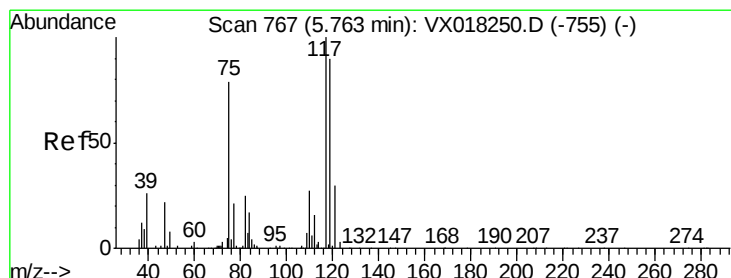
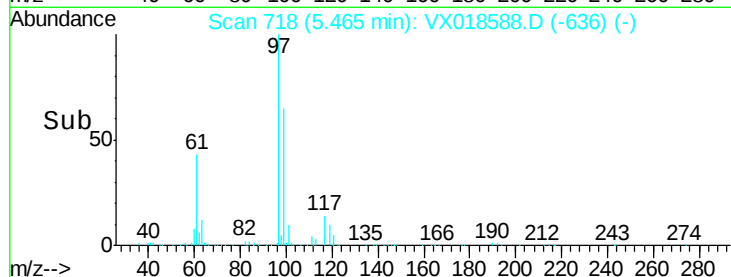
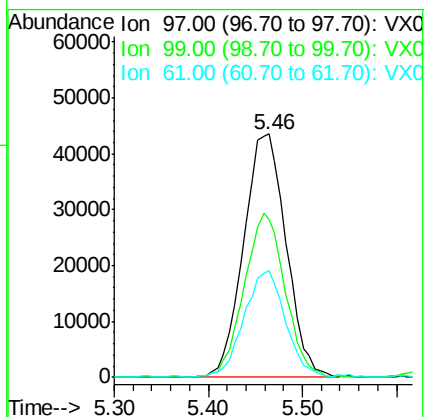
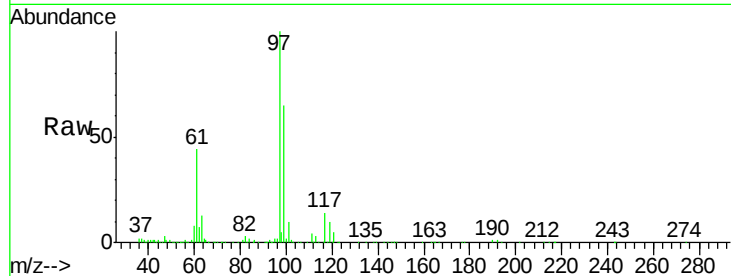
Tgt Ion: 97 Resp: 138115

Ion Ratio Lower Upper

97 100

99 64.2 50.7 76.1

61 42.7 34.5 51.7



#33

Carbon Tetrachloride

Concen: 19.818 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

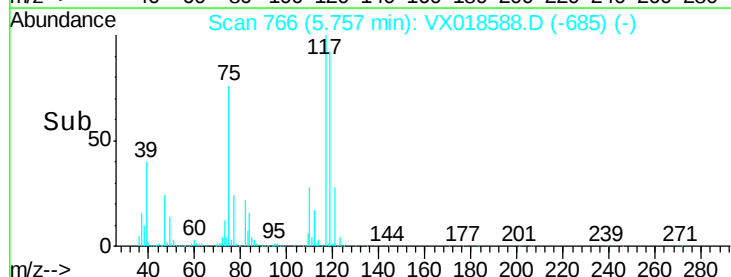
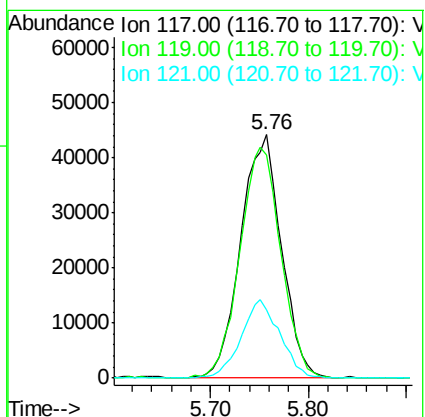
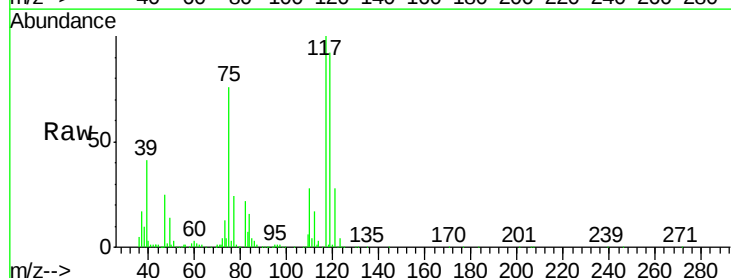
Tgt Ion: 117 Resp: 127215

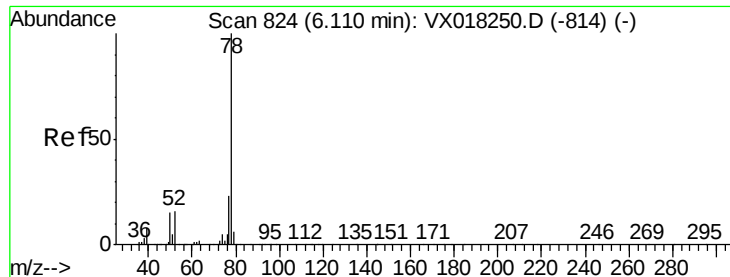
Ion Ratio Lower Upper

117 100

119 91.8 72.3 108.5

121 28.0 24.1 36.1





#34

Benzene

Concen: 19.356 ug/l

RT: 6.10 min Scan# 823

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

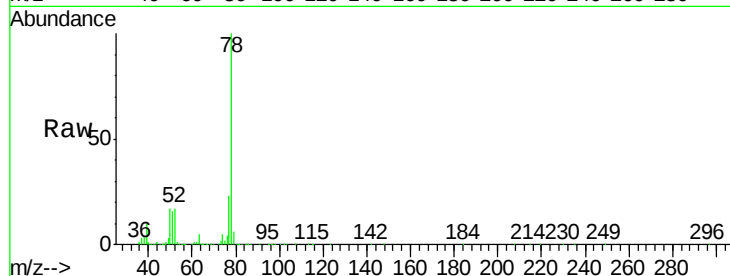
Tgt Ion: 78 Resp: 290776

Ion Ratio Lower Upper

78 100

77 23.1 18.3 27.5

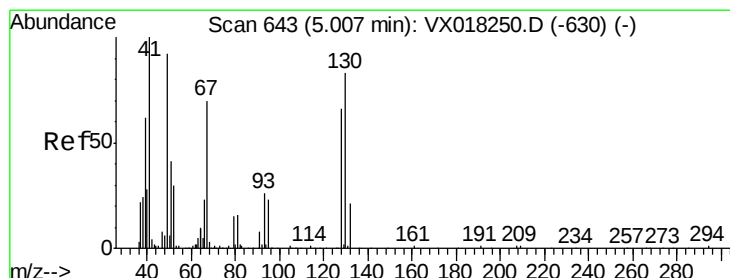
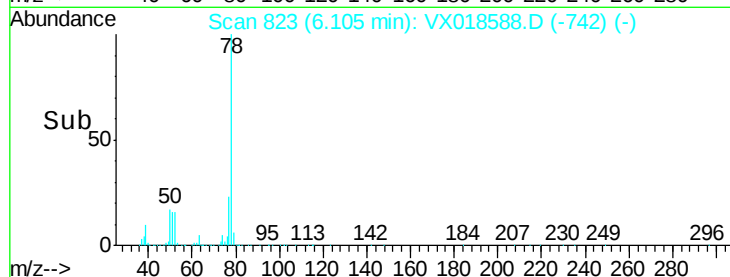
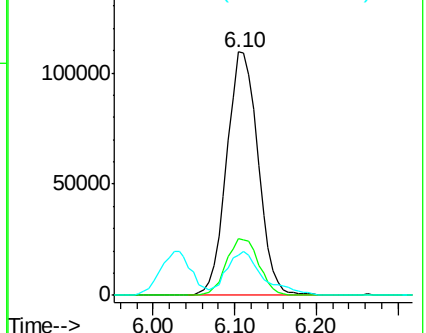
51 15.9 11.3 16.9



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: 16.895 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion: 41 Resp: 51307

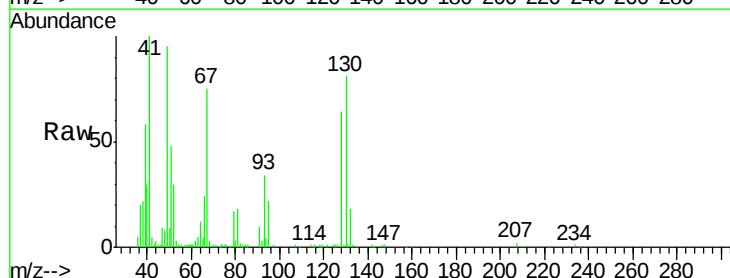
Ion Ratio Lower Upper

41 100

39 57.1 31.3 93.9

67 75.3 35.4 106.2

52 29.8 14.9 44.5

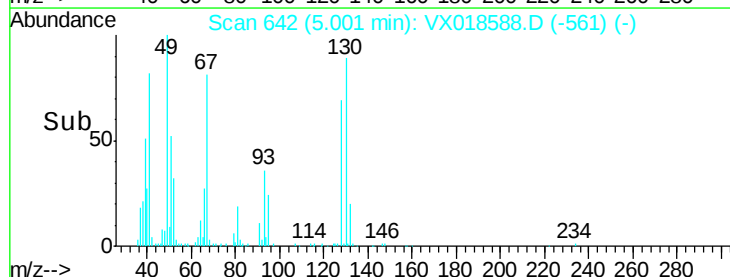
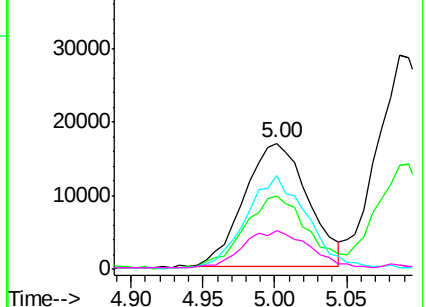


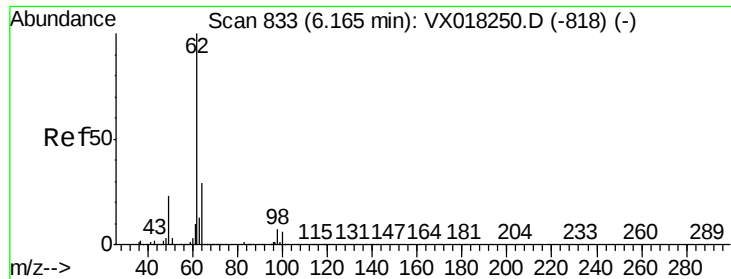
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#36

1,2-Dichloroethane

Concen: 19.423 ug/l

RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

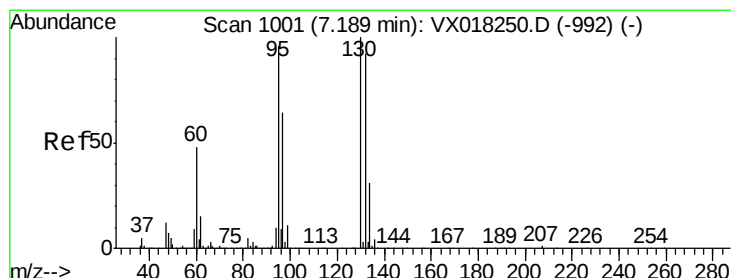
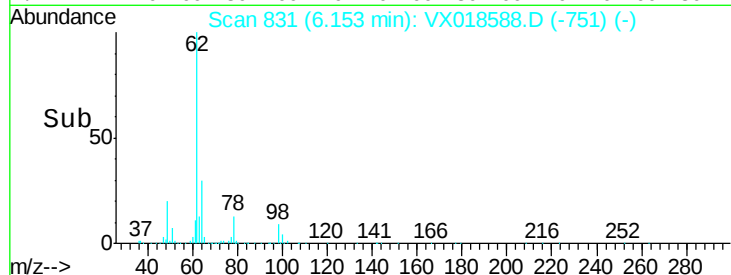
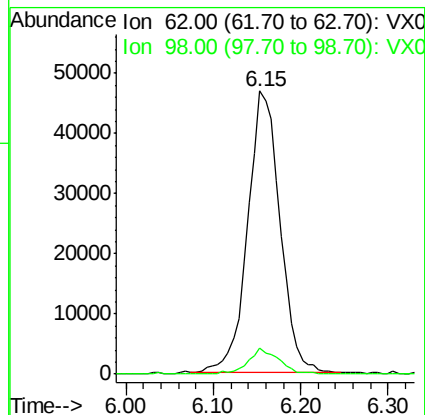
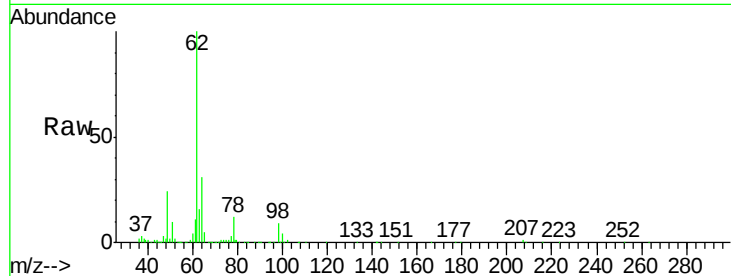
VSTDCCC020

Tgt Ion: 62 Resp: 120762

Ion Ratio Lower Upper

62 100

98 8.4 0.0 0.0#



#37

Trichloroethene

Concen: 19.604 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX018588.D

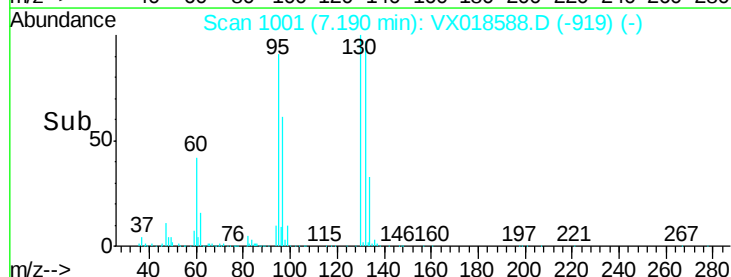
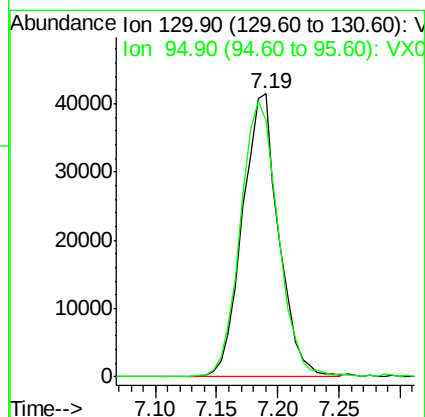
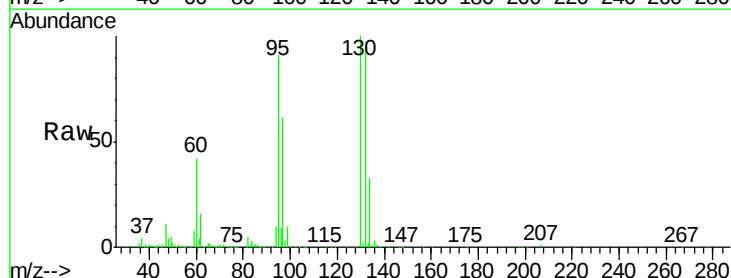
Acq: 25 Sep 2020 09:24

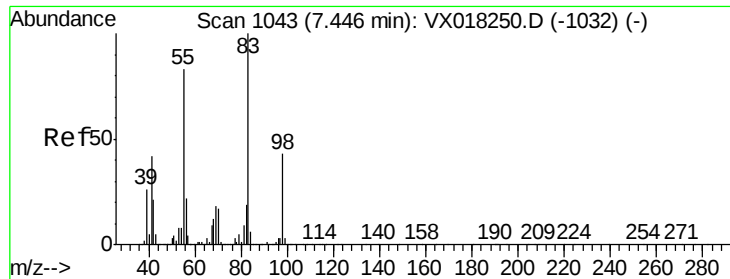
Tgt Ion: 130 Resp: 85163

Ion Ratio Lower Upper

130 100

95 90.4 76.9 115.3

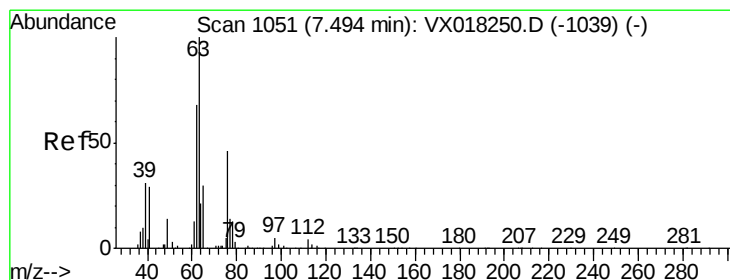
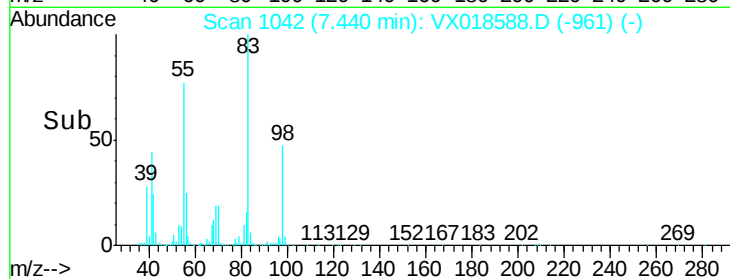
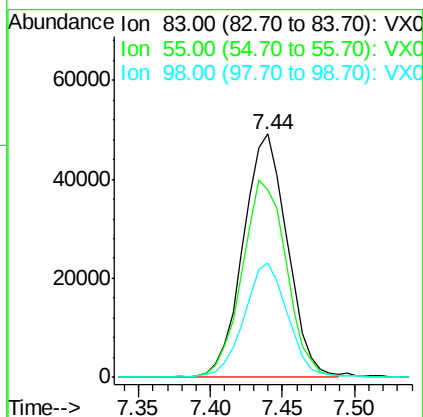
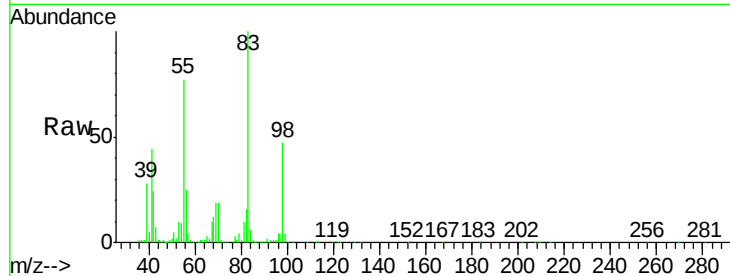




#38
Methylcyclohexane
Concen: 18.486 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

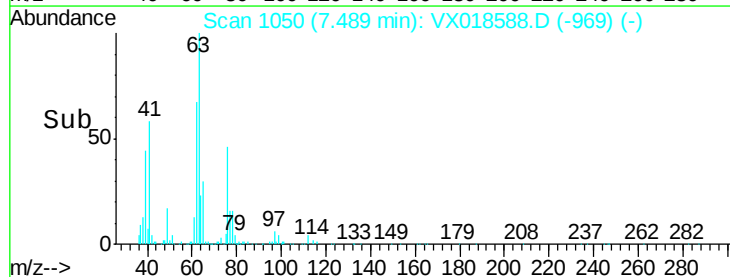
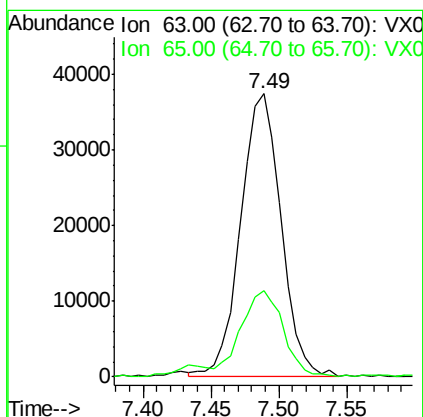
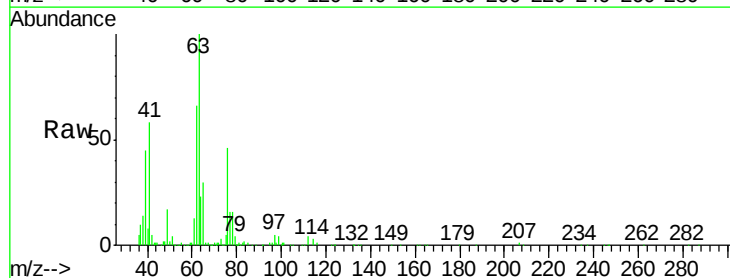
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

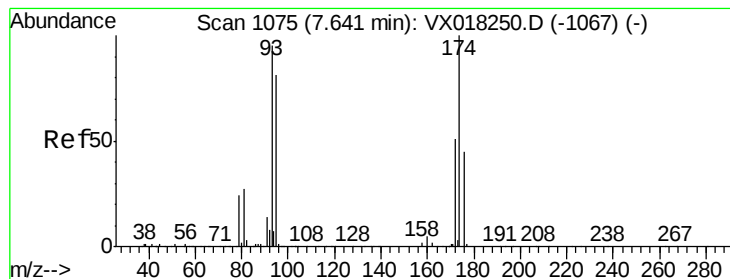
Tgt Ion: 83 Resp: 103629
Ion Ratio Lower Upper
83 100
55 82.0 41.1 123.4
98 46.4 24.0 72.0



#39
1,2-Dichloropropane
Concen: 19.404 ug/l
RT: 7.49 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion: 63 Resp: 78076
Ion Ratio Lower Upper
63 100
65 30.2 25.7 38.5





#40

Dibromomethane

Concen: 19.707 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

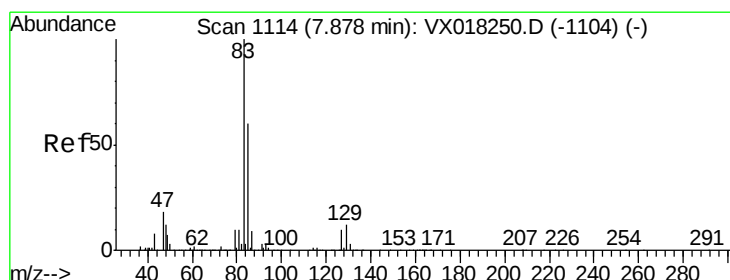
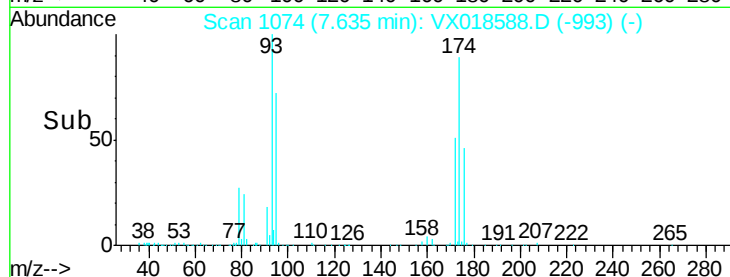
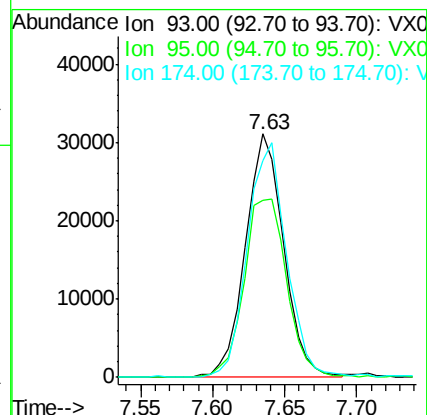
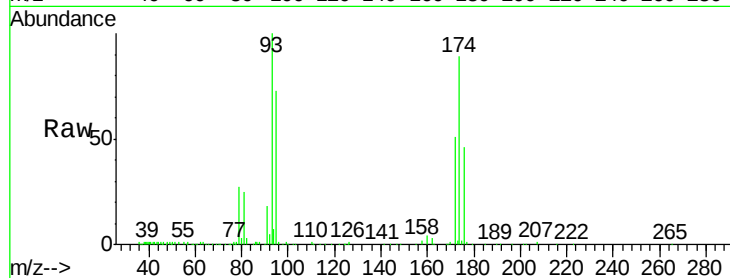
Tgt Ion: 93 Resp: 57262

Ion Ratio Lower Upper

93 100

95 81.0 0.0 167.0

174 98.1 0.0 202.0



#41

Bromodichloromethane

Concen: 19.721 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

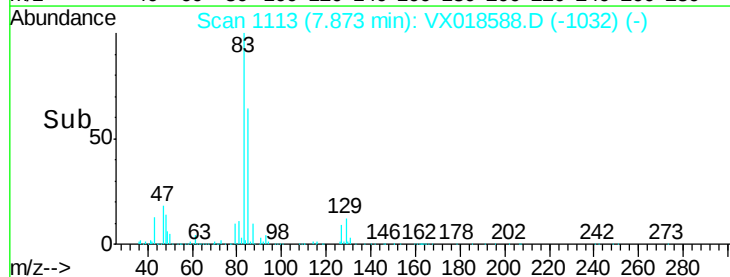
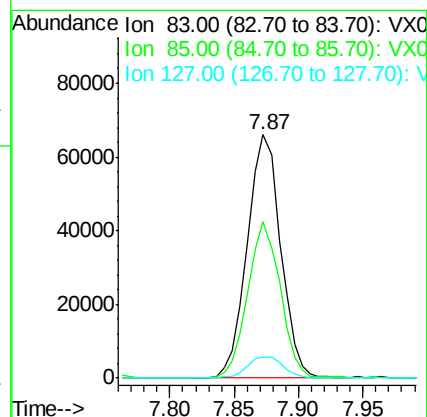
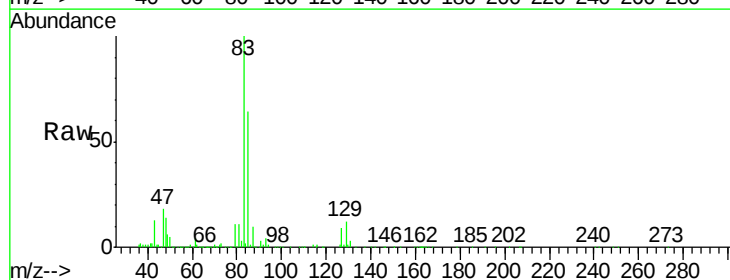
Tgt Ion: 83 Resp: 118762

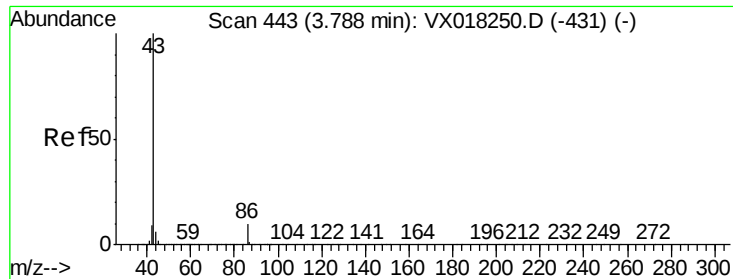
Ion Ratio Lower Upper

83 100

85 64.3 48.2 72.2

127 8.7 8.0 12.0





#42

Vinyl Acetate

Concen: 92.421 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

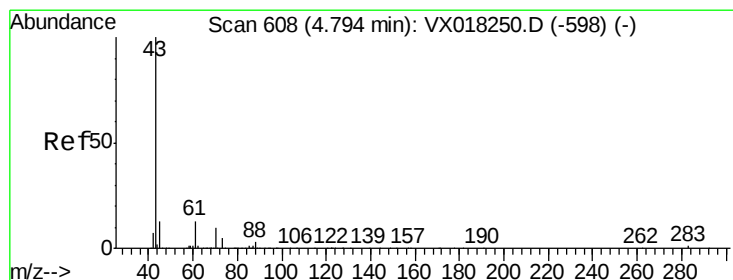
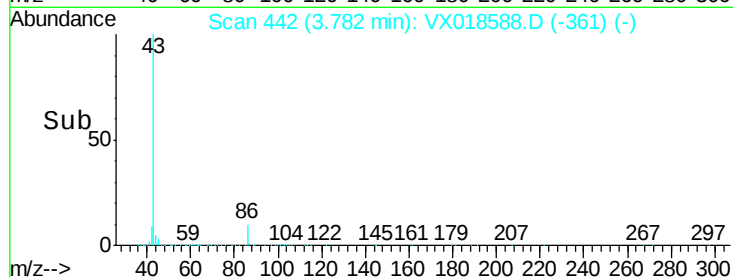
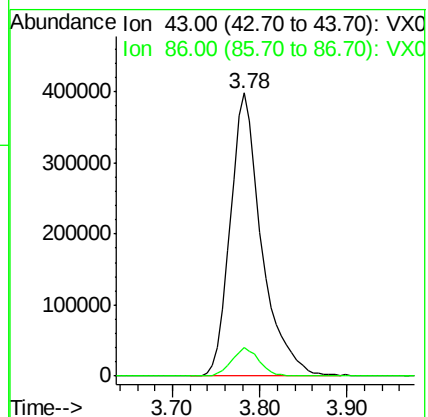
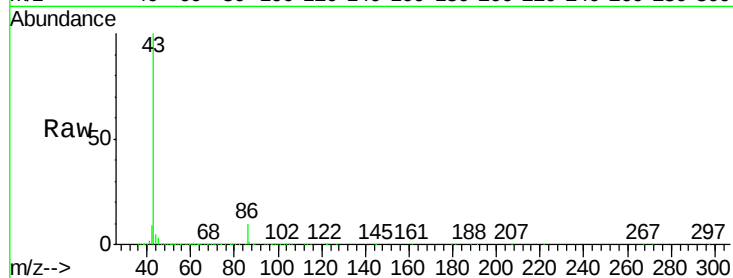
VSTDCCC020

Tgt Ion: 43 Resp: 993628

Ion Ratio Lower Upper

43 100

86 8.9 7.2 10.8



#43

Ethyl Acetate

Concen: 16.814 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX018588.D

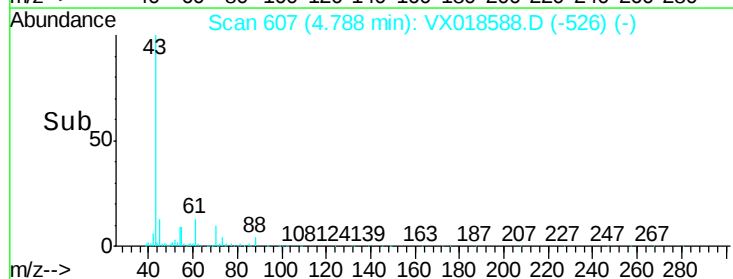
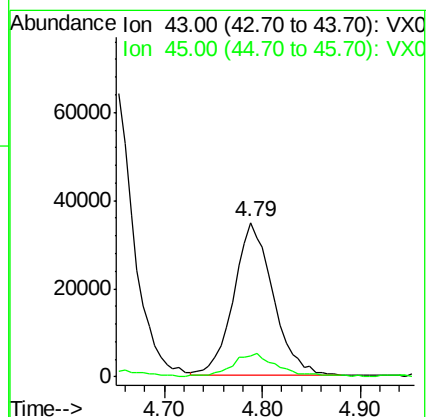
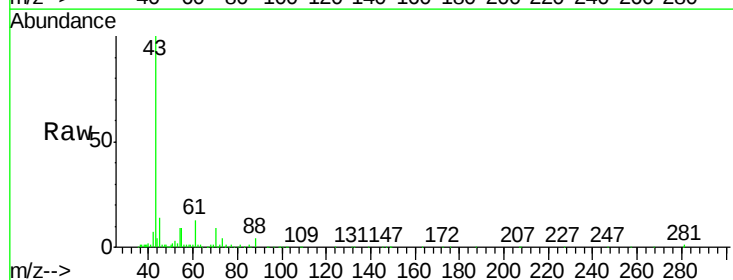
Acq: 25 Sep 2020 09:24

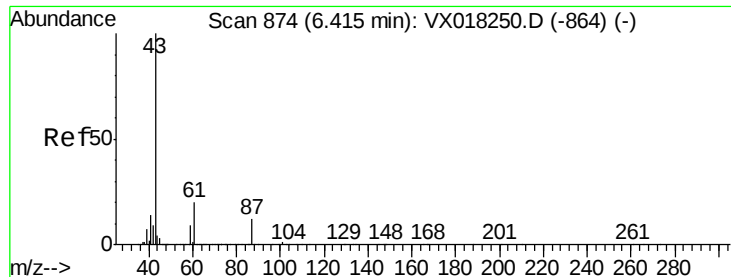
Tgt Ion: 43 Resp: 96347

Ion Ratio Lower Upper

43 100

45 14.5 11.2 16.8



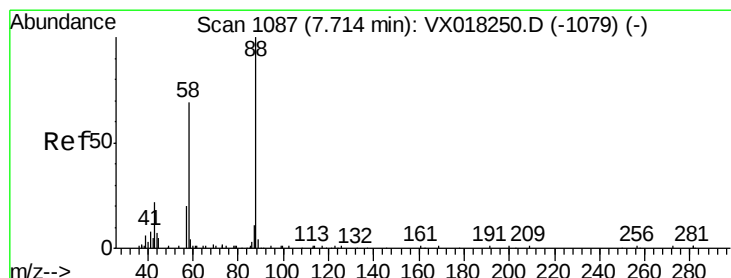
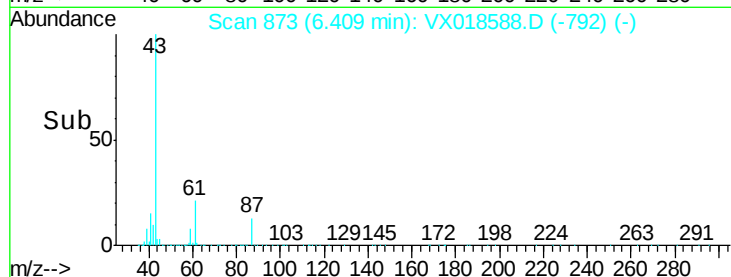
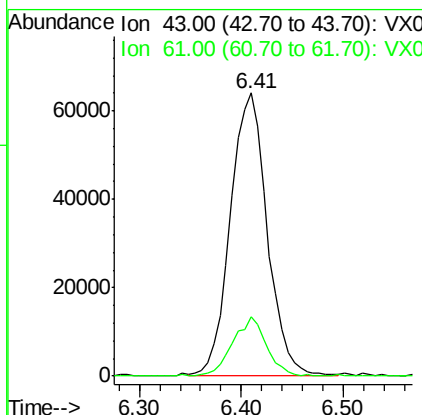
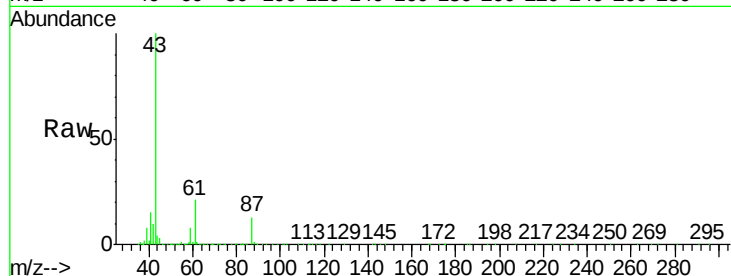


#44

Isopropyl Acetate
 Concen: 17.340 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

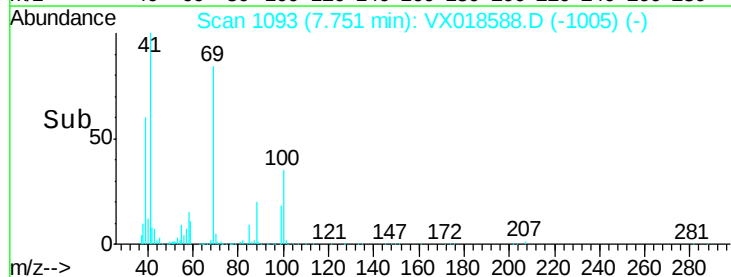
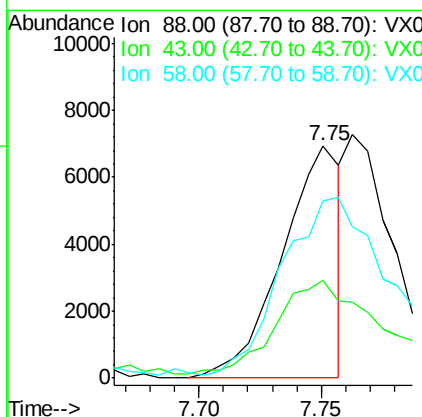
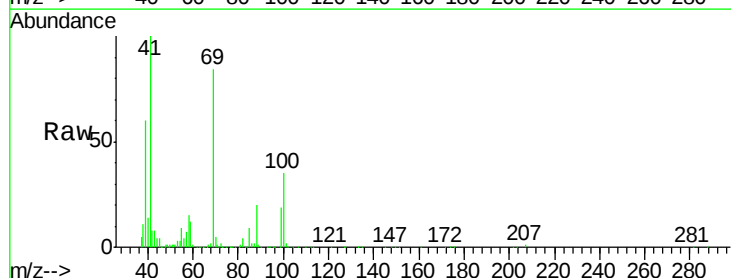
Tgt Ion: 43 Resp: 160122
 Ion Ratio Lower Upper
 43 100
 61 19.4 14.6 22.0

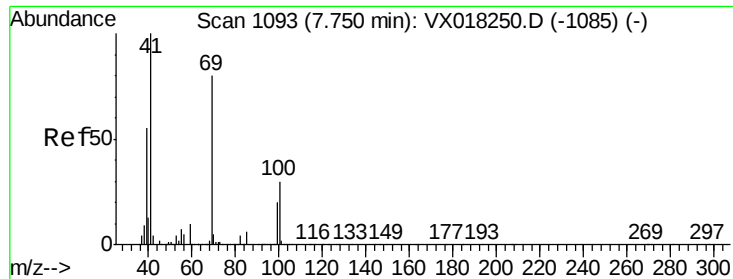


#45

1,4-Dioxane
 Concen: 150.960 ug/l
 RT: 7.75 min Scan# 1093
 Delta R.T. 0.04 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion: 88 Resp: 11646
 Ion Ratio Lower Upper
 88 100
 43 71.4 13.6 20.4#
 58 145.2 58.2 87.4#

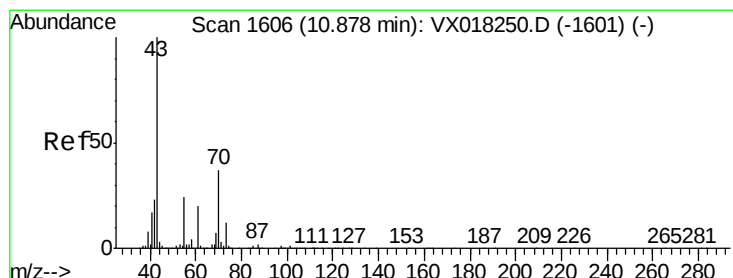
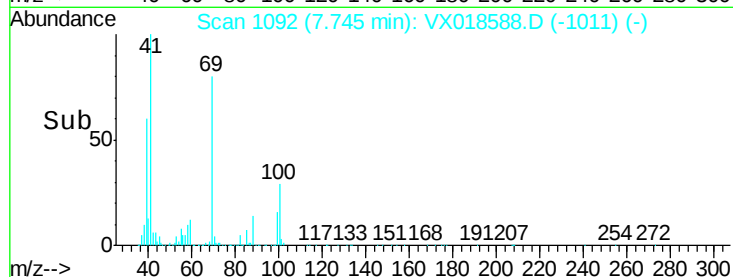
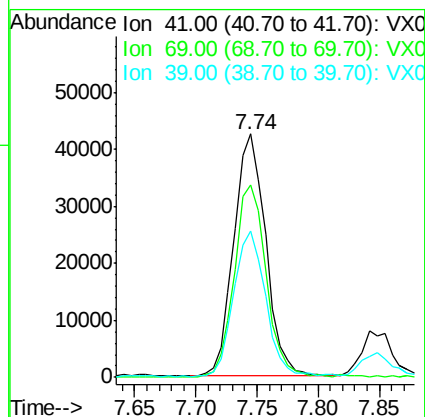
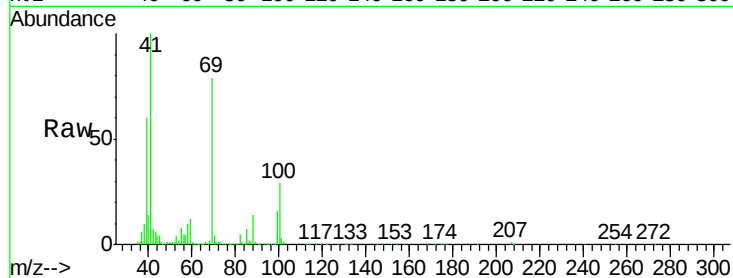




#46
Methyl methacrylate
Concen: 16.812 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

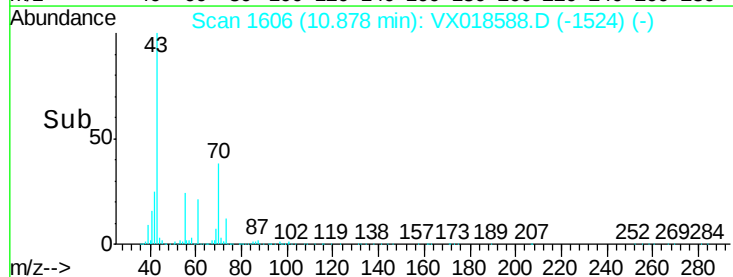
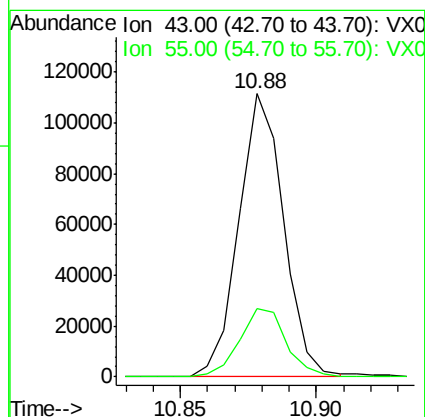
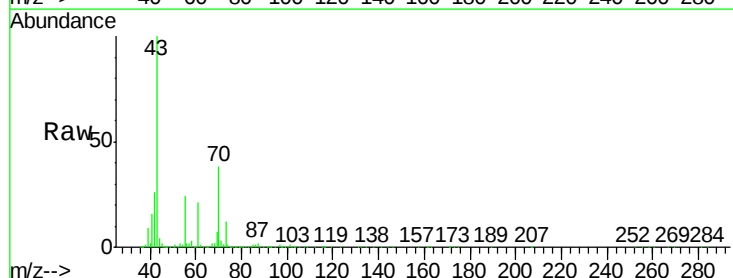
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

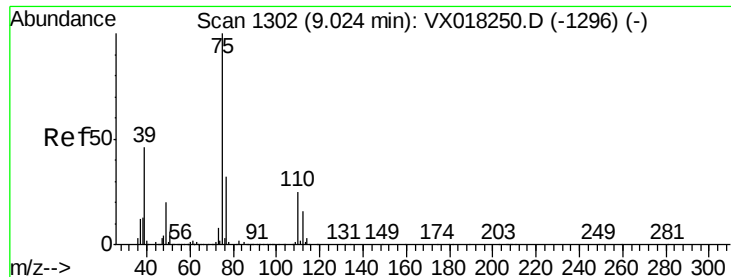
Tgt Ion: 41 Resp: 76408
Ion Ratio Lower Upper
41 100
69 79.4 40.3 120.8
39 60.1 27.3 81.9



#47
n-amyl acetate
Concen: 15.589 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion: 43 Resp: 126491
Ion Ratio Lower Upper
43 100
55 25.6 18.9 28.3





#48

t-1,3-Dichloropropene

Concen: 19.403 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

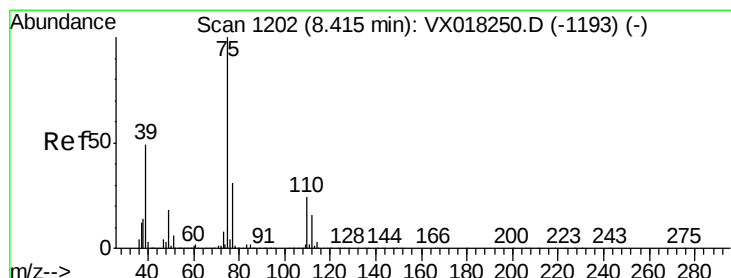
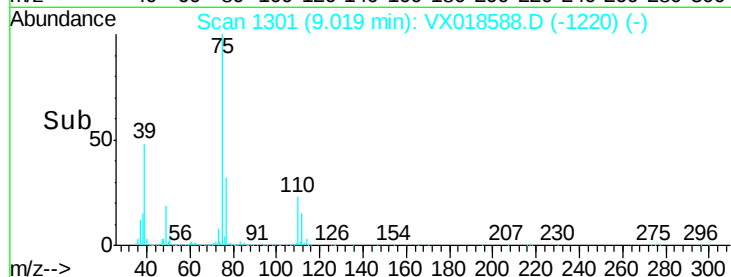
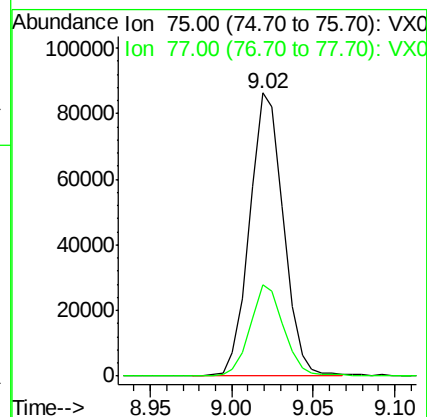
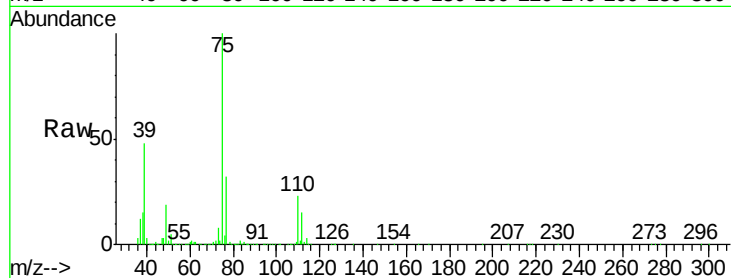
VSTDCCC020

Tgt Ion: 75 Resp: 125513

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#49

cis-1,3-Dichloropropene

Concen: 19.637 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

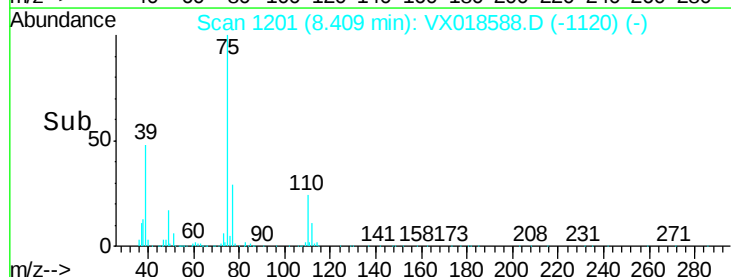
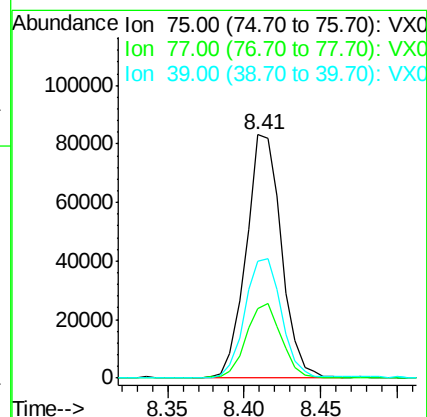
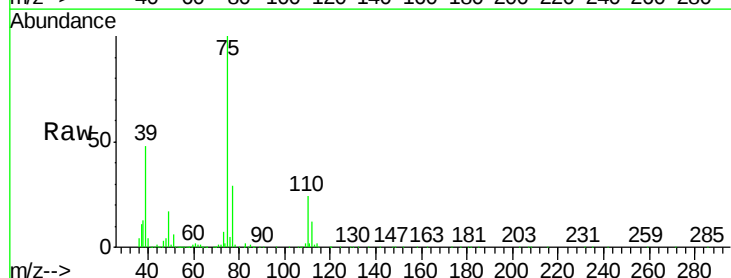
Tgt Ion: 75 Resp: 133445

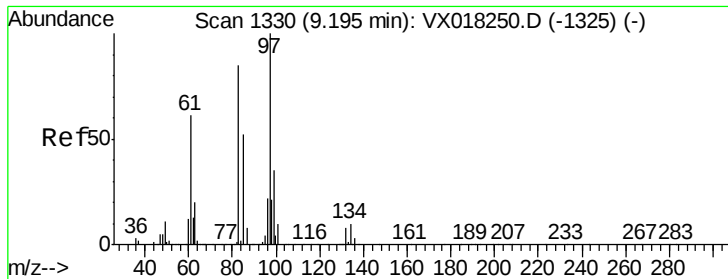
Ion Ratio Lower Upper

75 100

77 28.7 24.7 37.1

39 47.6 39.6 59.4





#50

1,1,2-Trichloroethane

Concen: 19.922 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 97 Resp: 80660

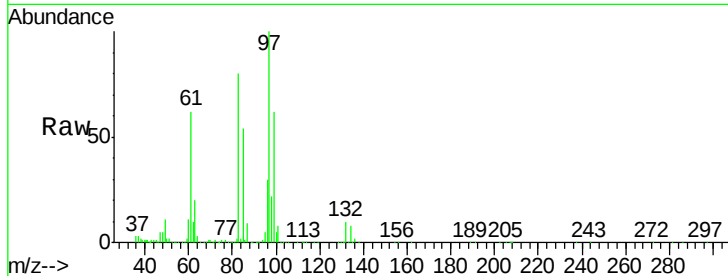
Ion Ratio Lower Upper

97 100

83 80.0 68.1 102.1

85 53.4 42.6 64.0

99 61.6 48.2 72.2

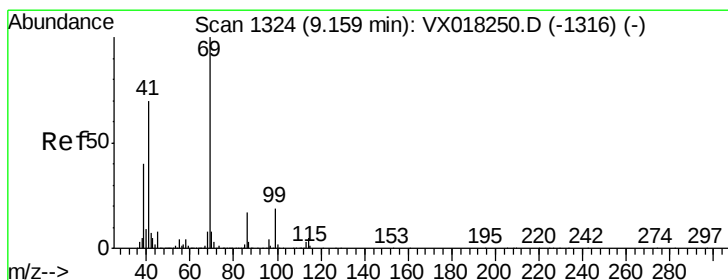
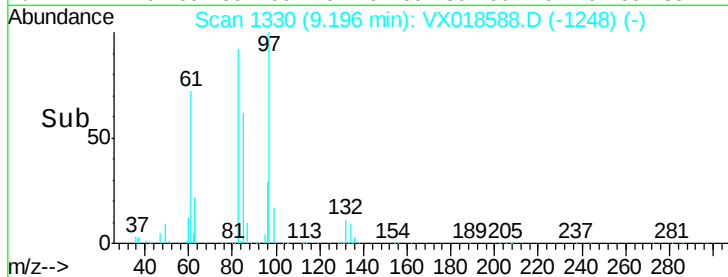
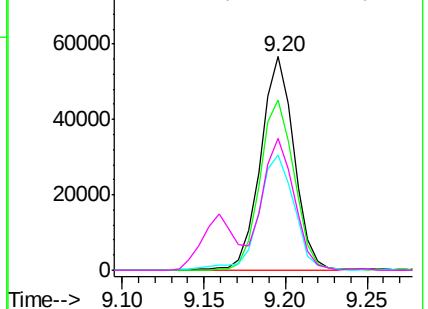


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 82.95 (82.65 to 83.65): VX0

Ion 84.95 (84.65 to 85.65): VX0

Ion 98.95 (98.65 to 99.65): VX0



#51

Ethyl methacrylate

Concen: 17.550 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

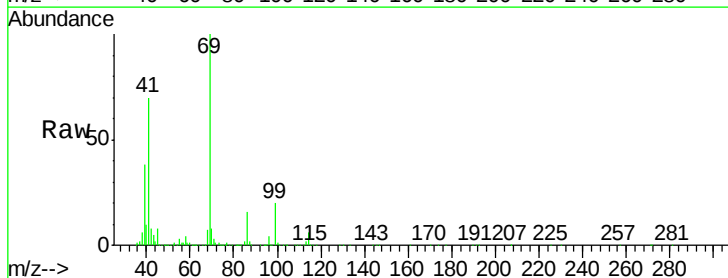
Tgt Ion: 69 Resp: 102931

Ion Ratio Lower Upper

69 100

41 69.2 34.9 104.7

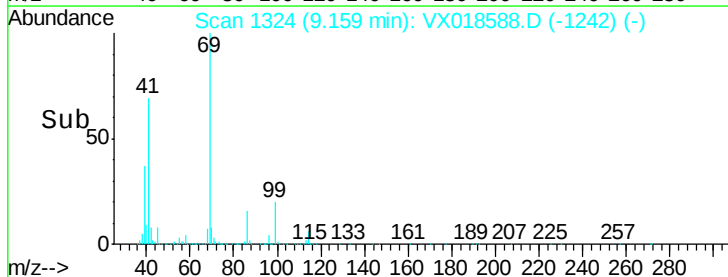
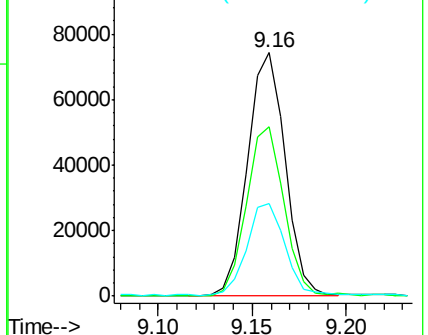
39 37.5 19.8 59.3

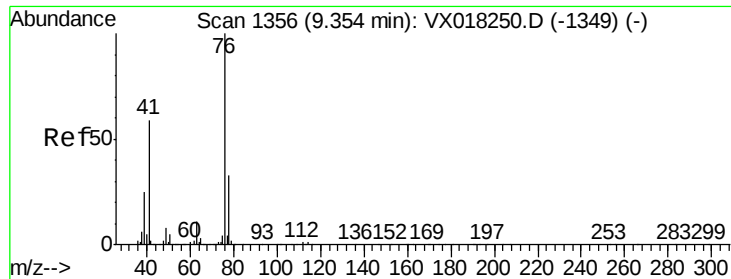


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#52

1,3-Dichloropropane

Concen: 18.807 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

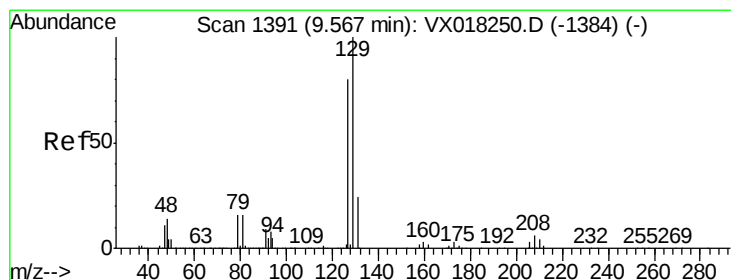
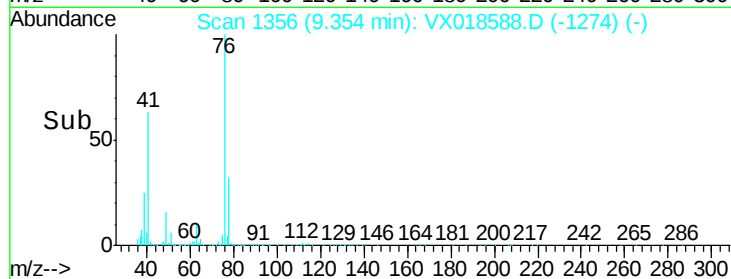
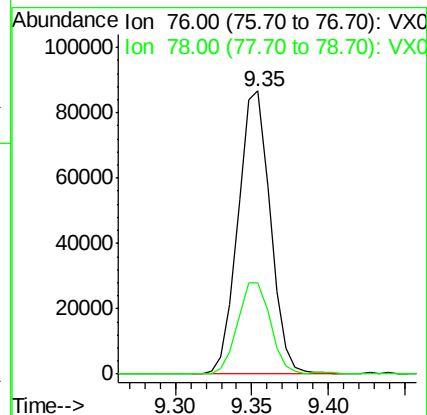
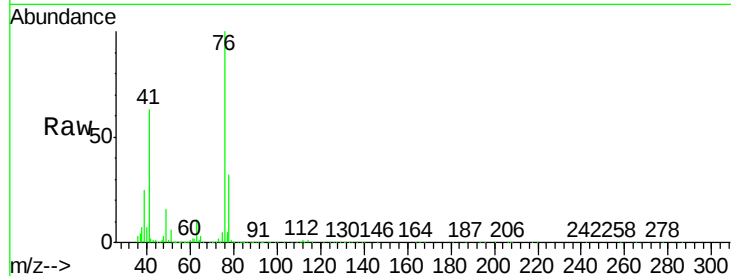
VSTDCCC020

Tgt Ion: 76 Resp: 126389

Ion Ratio Lower Upper

76 100

78 33.1 0.0 62.2



#53

Dibromochloromethane

Concen: 19.296 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018588.D

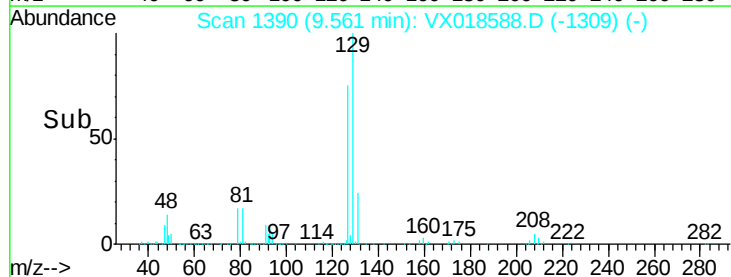
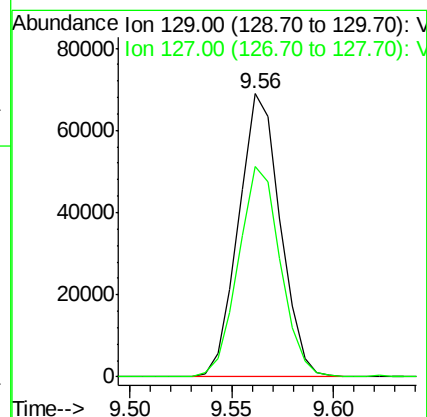
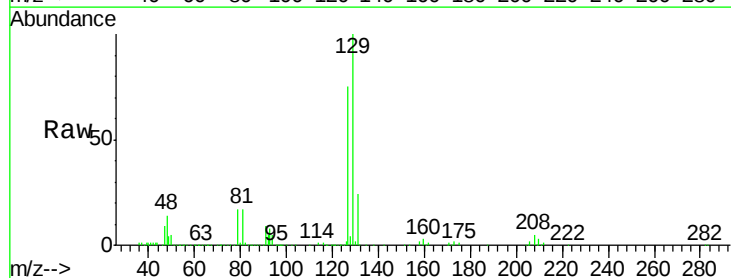
Acq: 25 Sep 2020 09:24

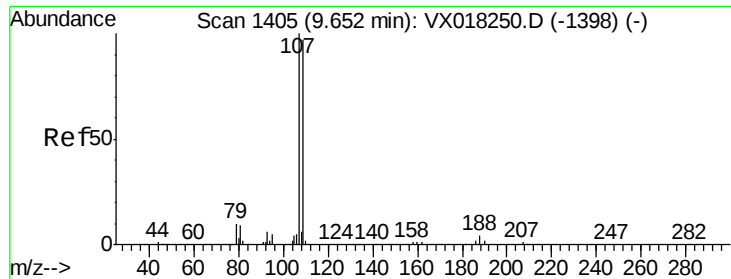
Tgt Ion: 129 Resp: 97141

Ion Ratio Lower Upper

129 100

127 75.8 38.9 116.6

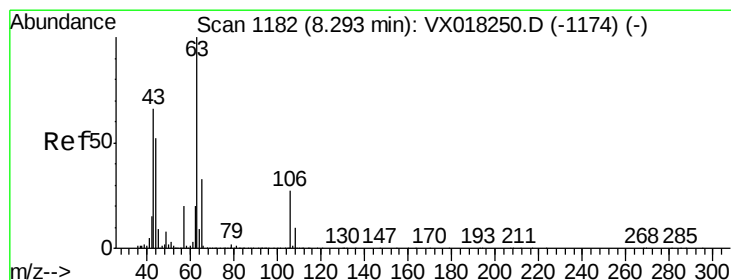
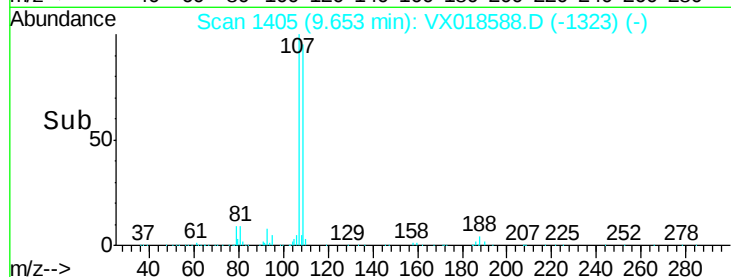
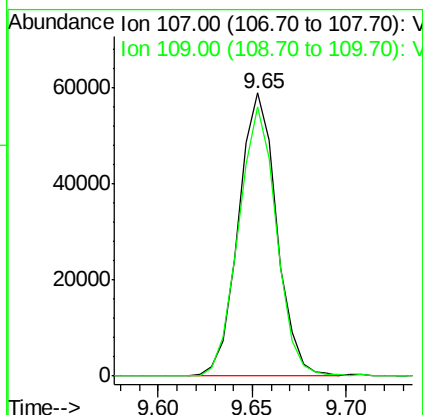
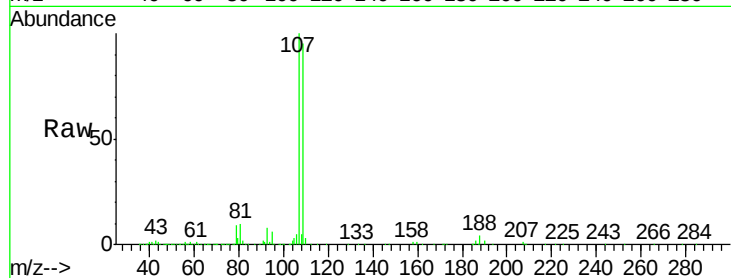




#54
 1,2-Dibromoethane
 Concen: 18.690 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

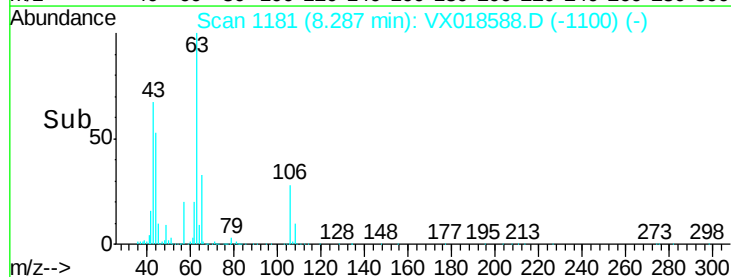
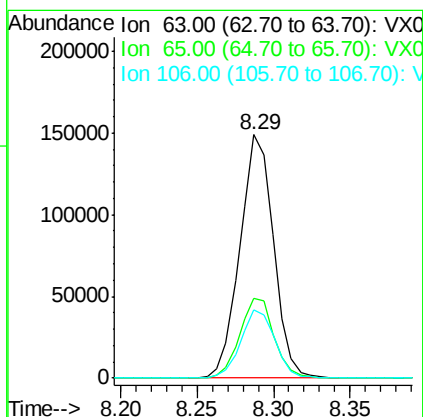
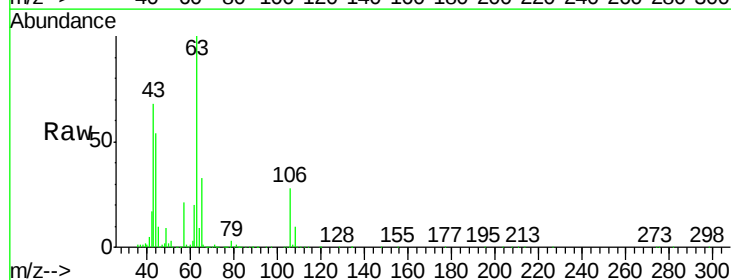
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

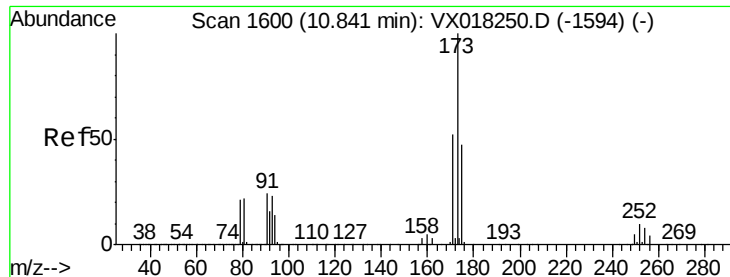
Tgt Ion: 107 Resp: 83015
 Ion Ratio Lower Upper
 107 100
 109 94.0 77.8 116.6



#55
 2-Chloroethyl vinyl ether
 Concen: 74.273 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion: 63 Resp: 227481
 Ion Ratio Lower Upper
 63 100
 65 33.3 26.0 39.0
 106 28.5 22.3 33.5

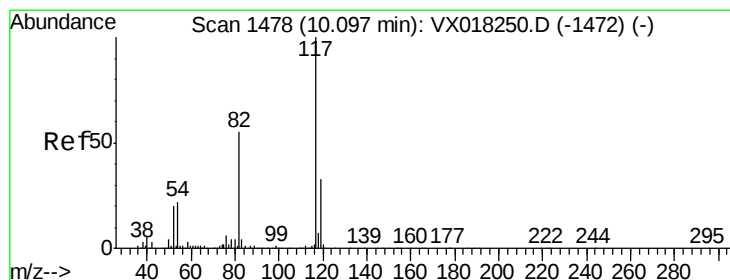
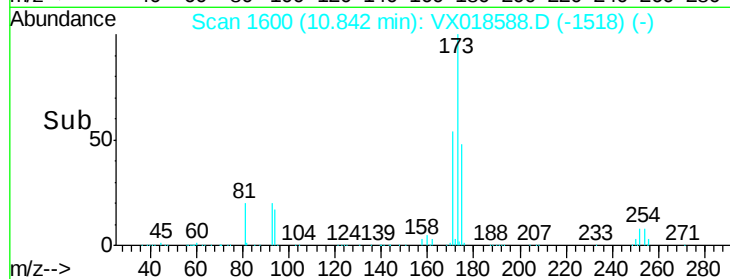
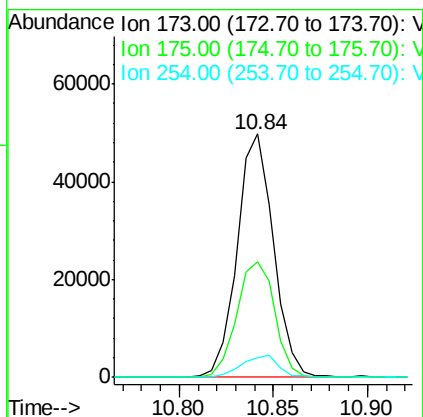
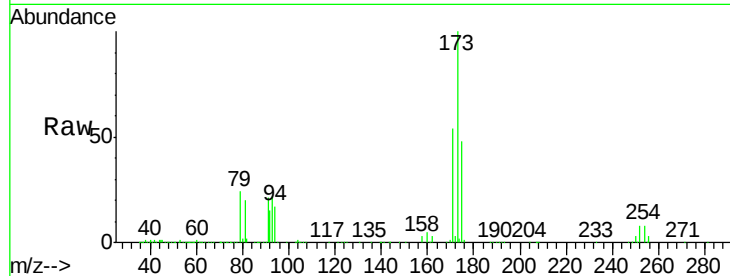




#56
Bromoform
Concen: 17.239 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

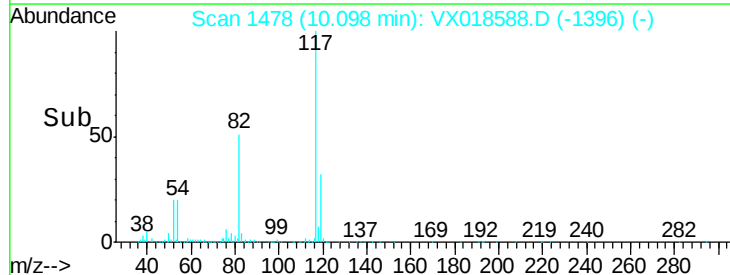
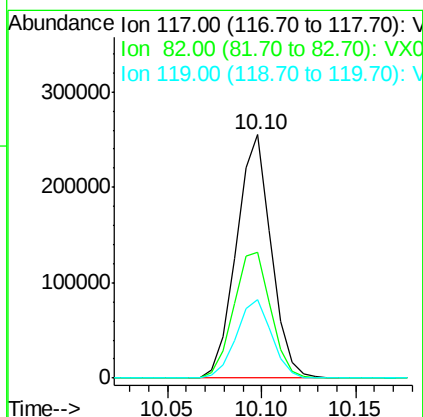
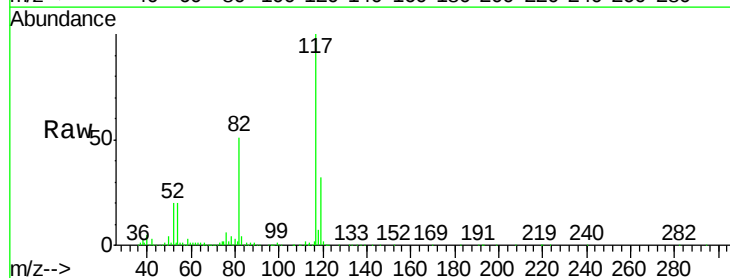
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

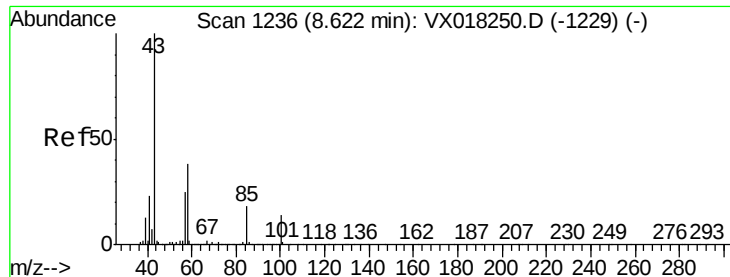
Tgt Ion:173 Resp: 65938
Ion Ratio Lower Upper
173 100
175 50.0 40.2 60.2
254 9.4 7.3 10.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion:117 Resp: 326385
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.4
119 32.9 26.1 39.1

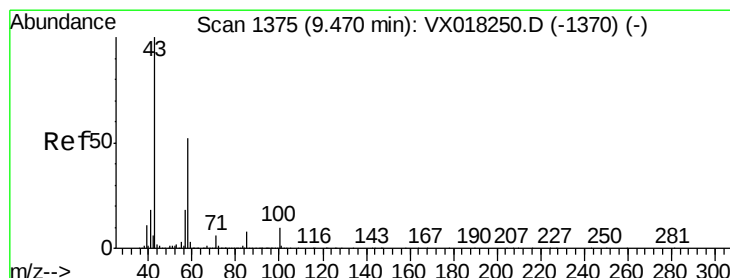
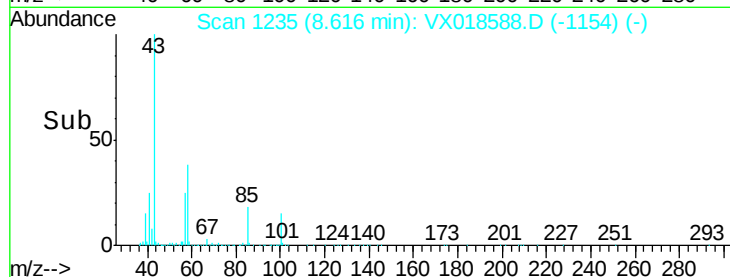
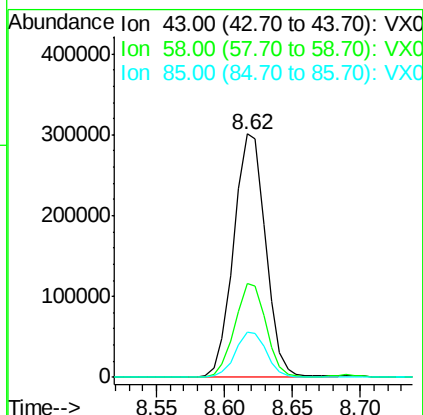
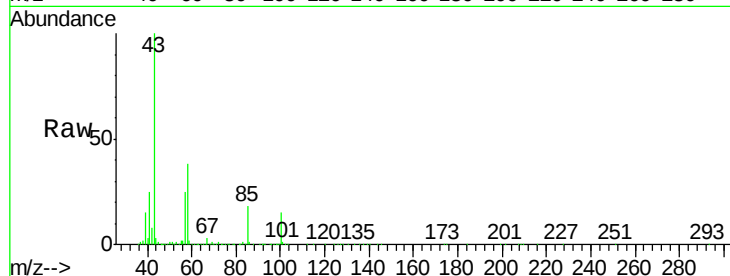




#58
 4-Methyl-2-Pentanone
 Concen: 87.890 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

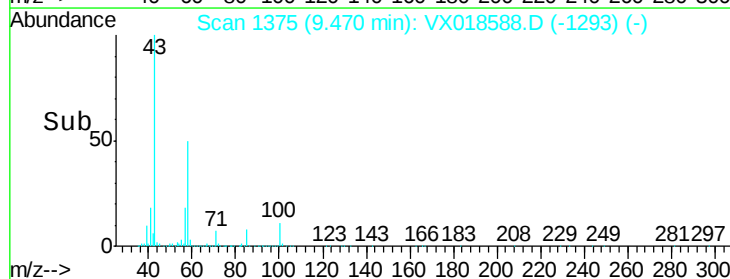
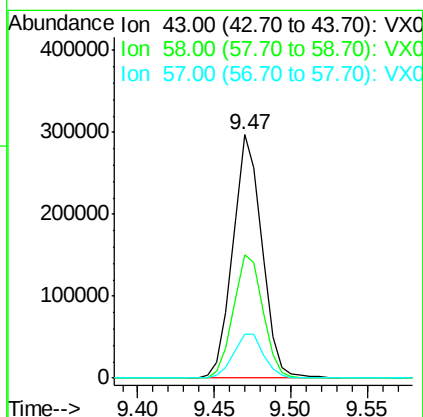
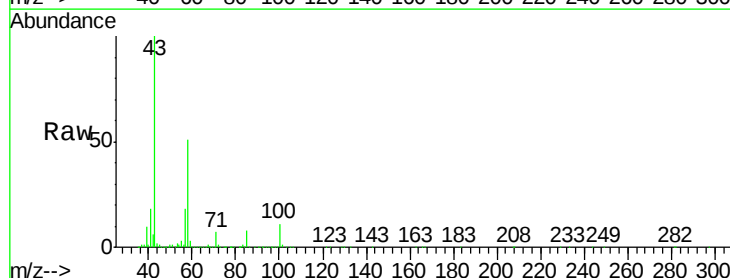
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

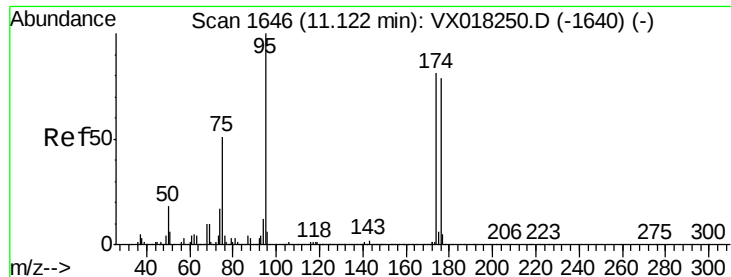
Tgt Ion:	43	Resp:	493395
Ion	Ratio	Lower	Upper
43	100		
58	37.6	30.0	45.0
85	18.2	14.2	21.4



#59
 2-Hexanone
 Concen: 92.235 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion:	43	Resp:	392190
Ion	Ratio	Lower	Upper
43	100		
58	51.6	42.5	63.7
57	18.8	14.8	22.2

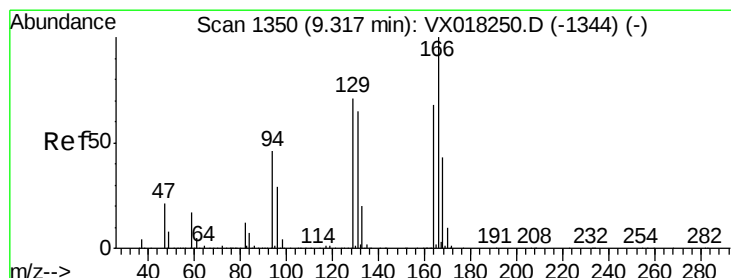
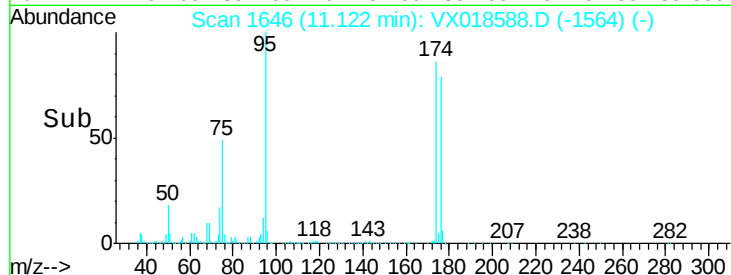
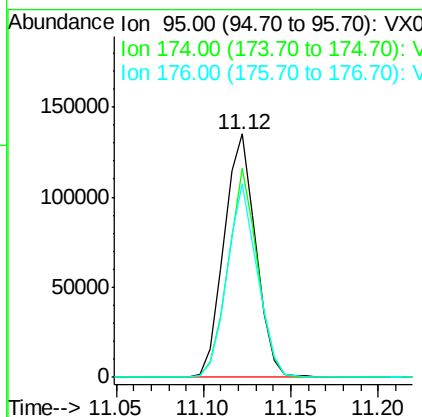
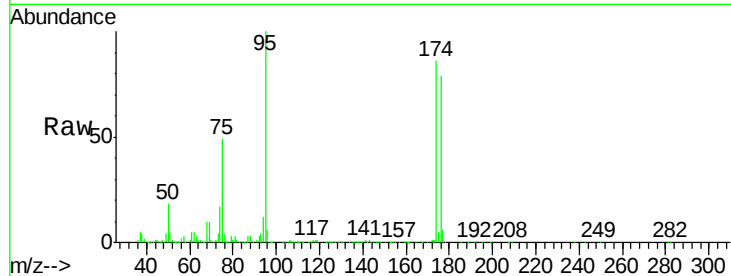




#60
4-Bromofluorobenzene
Concen: 30.102 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

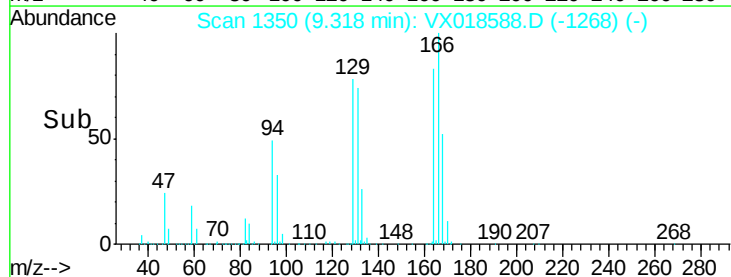
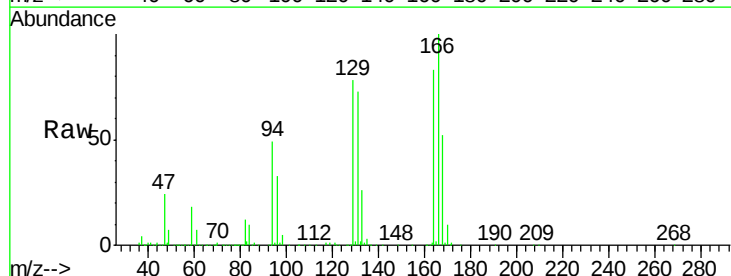
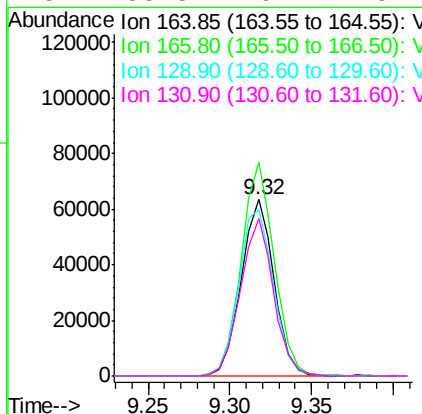
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

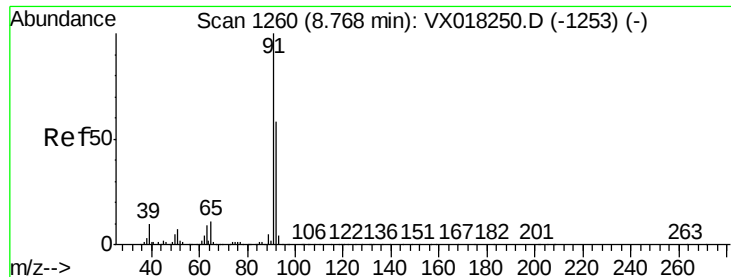
Tgt Ion: 95 Resp: 170291
Ion Ratio Lower Upper
95 100
174 79.9 64.2 96.4
176 75.7 62.2 93.4



#61
Tetrachloroethene
Concen: 21.806 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion: 164 Resp: 88762
Ion Ratio Lower Upper
164 100
166 120.9 117.4 176.0
129 94.1 82.7 124.1
131 88.8 76.7 115.1





#62

Toluene

Concen: 19.595 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

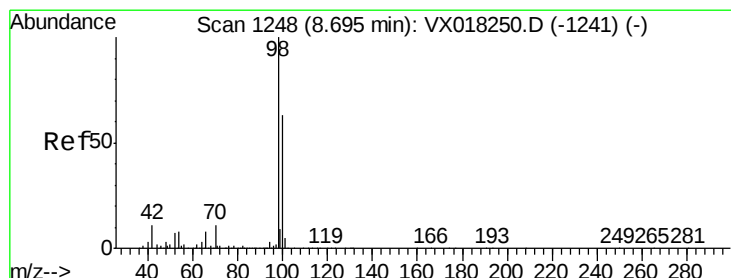
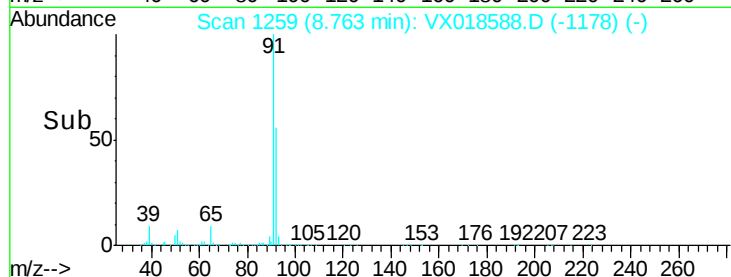
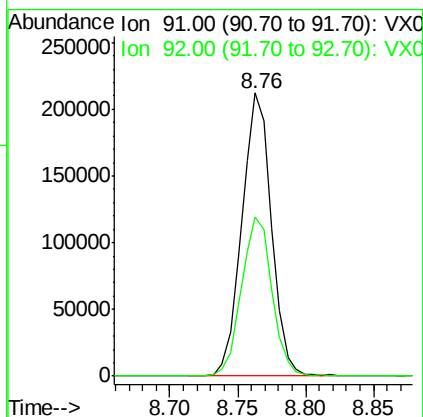
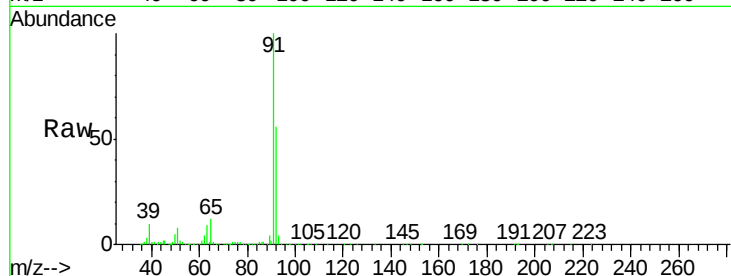
VSTDCCC020

Tgt Ion: 91 Resp: 321863

Ion Ratio Lower Upper

91 100

92 57.9 46.9 70.3



#63

Toluene-d8

Concen: 31.111 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018588.D

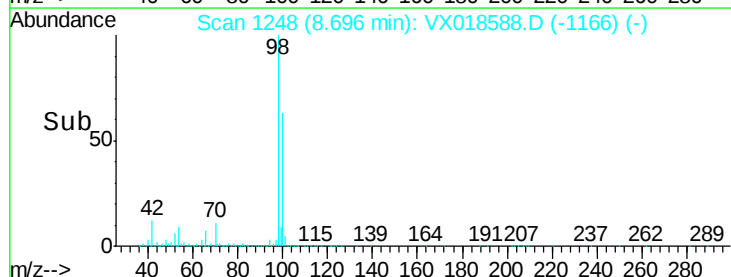
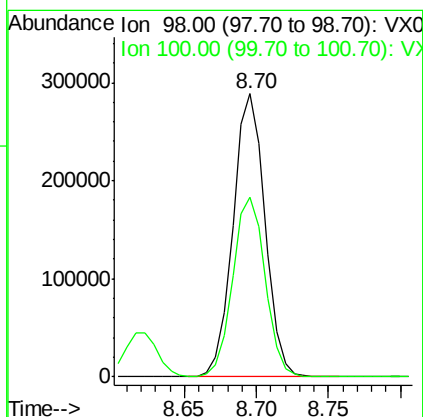
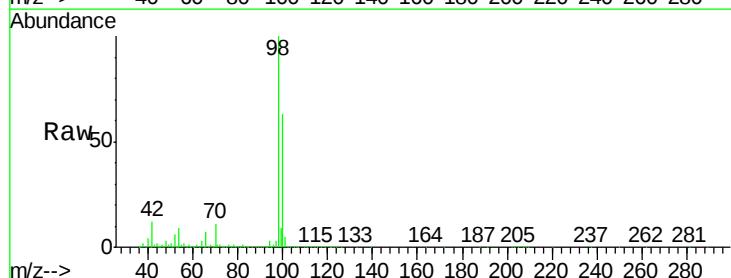
Acq: 25 Sep 2020 09:24

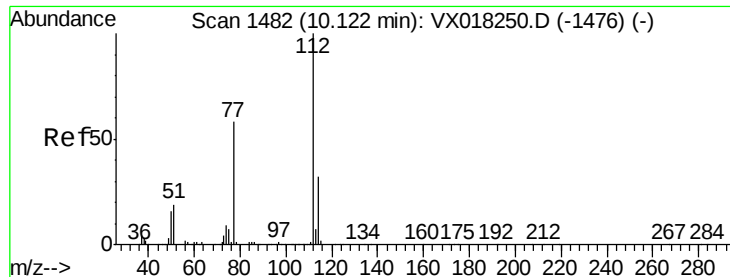
Tgt Ion: 98 Resp: 447558

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0





#64

Chlorobenzene

Concen: 19.203 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

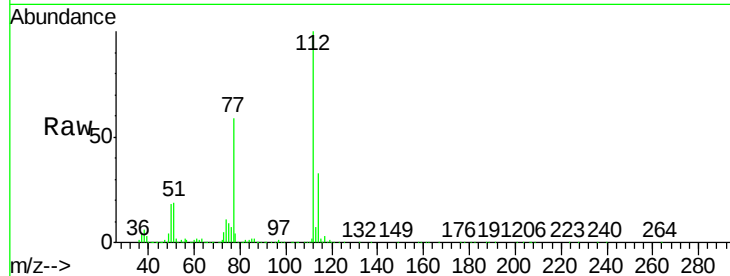
VSTDCCC020

Tgt Ion:112 Resp: 202698

Ion Ratio Lower Upper

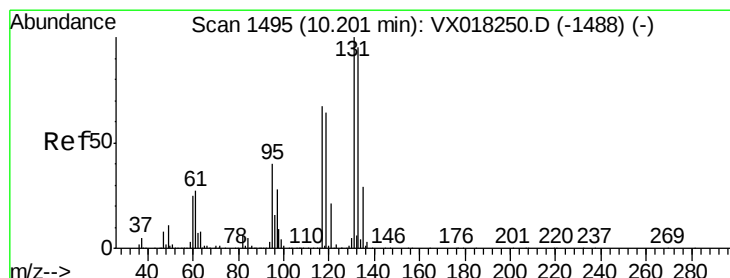
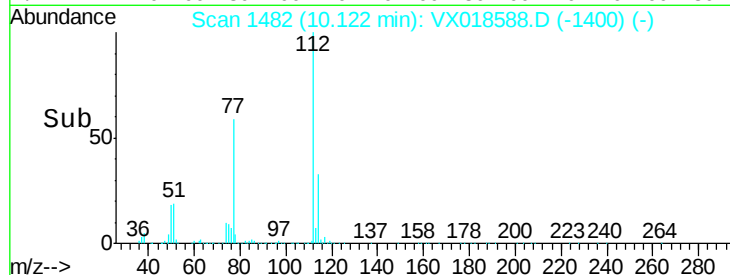
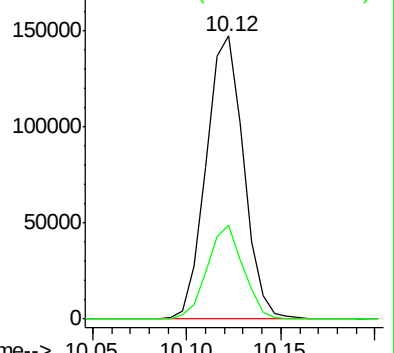
112 100

114 33.3 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 19.973 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

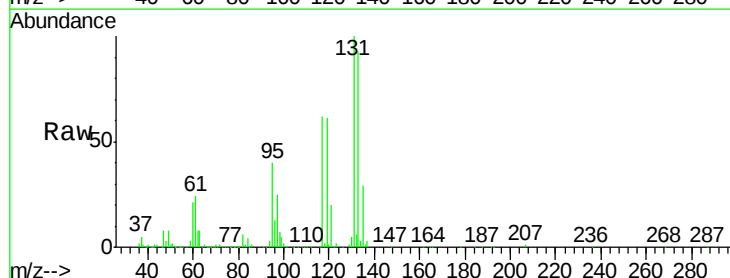
Tgt Ion:131 Resp: 85383

Ion Ratio Lower Upper

131 100

133 95.3 0.0 197.2

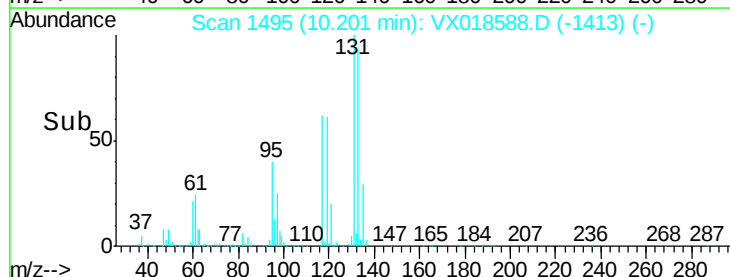
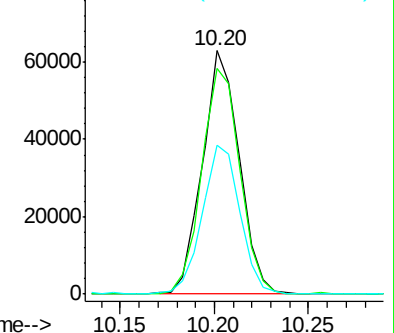
119 62.4 0.0 129.8

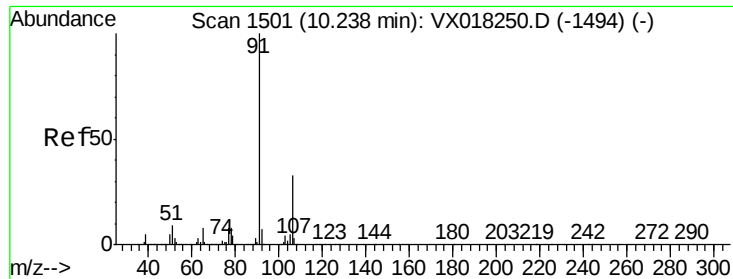


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

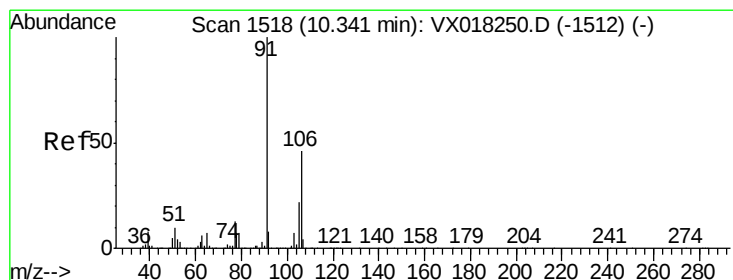
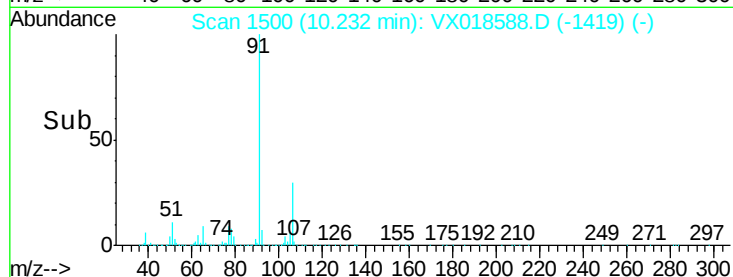
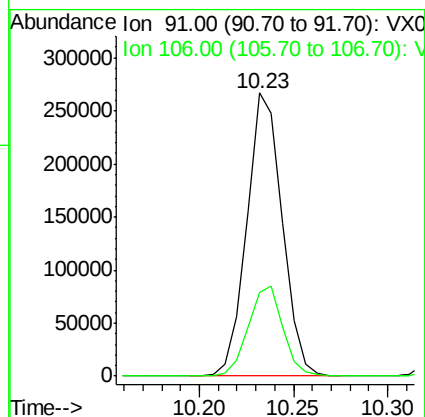
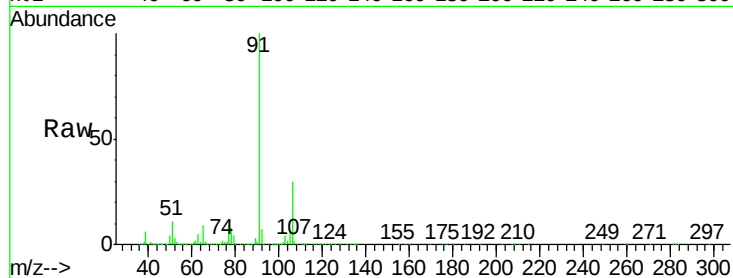




#66
Ethyl Benzene
Concen: 19.163 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

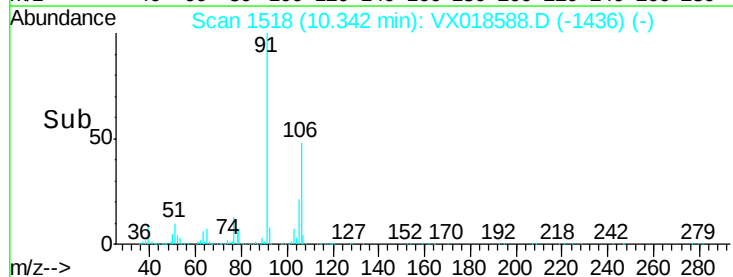
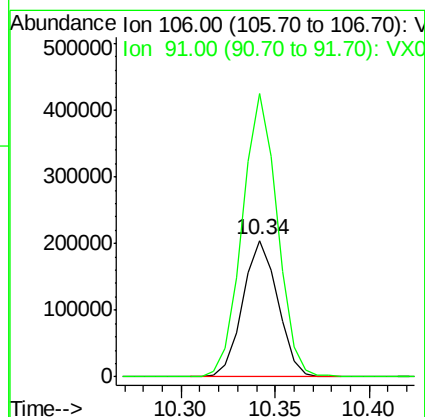
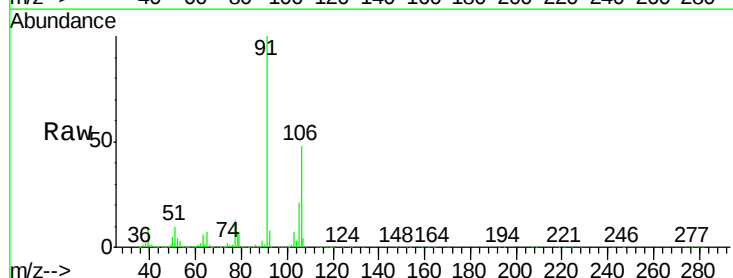
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

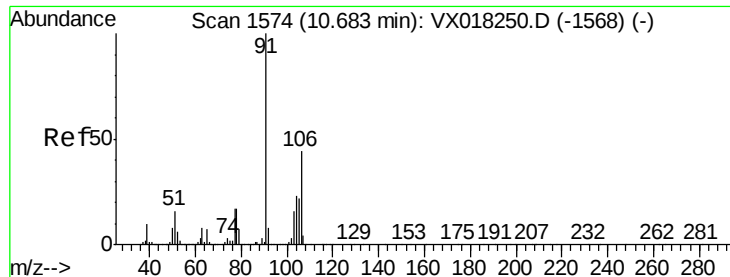
Tgt Ion: 91 Resp: 347804
Ion Ratio Lower Upper
91 100
106 29.5 26.3 39.5



#67
m/p-Xylenes
Concen: 38.346 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion: 106 Resp: 266156
Ion Ratio Lower Upper
106 100
91 205.3 166.2 249.2

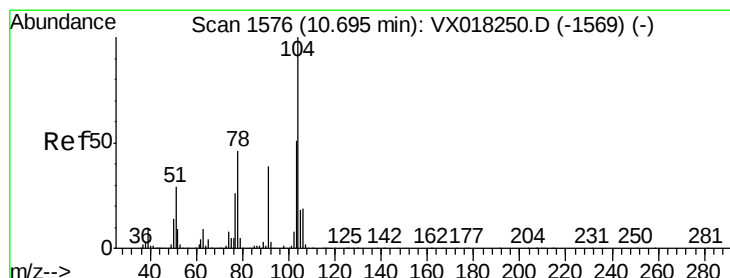
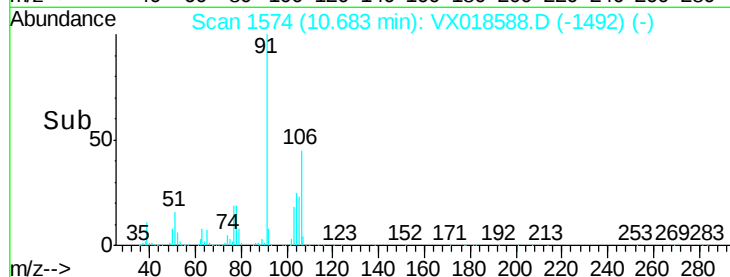
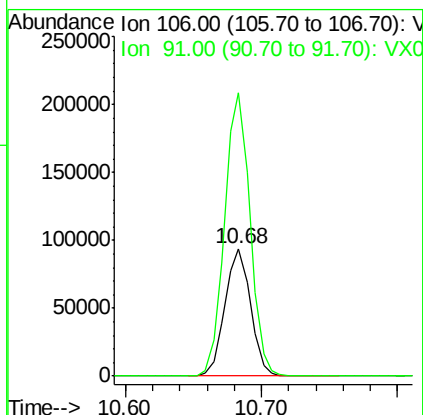
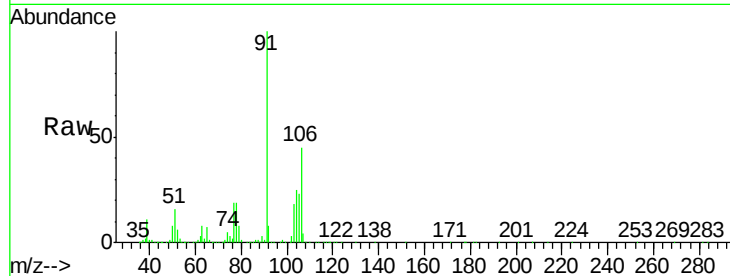




#68
o-Xylene
Concen: 18.794 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

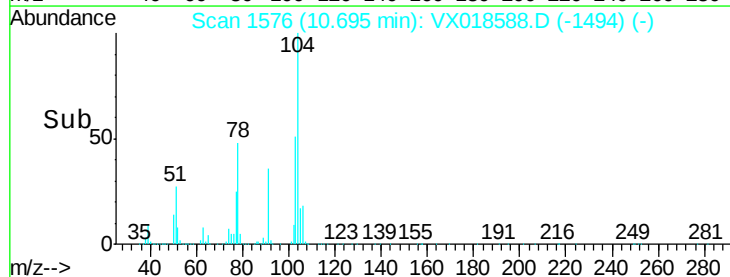
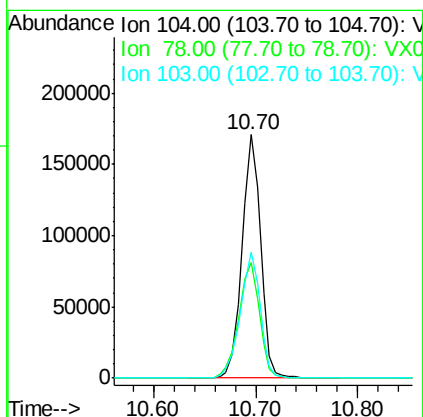
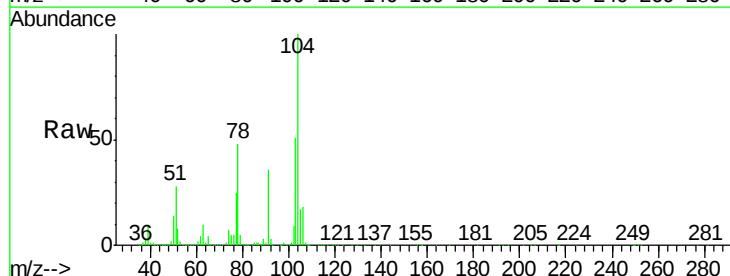
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

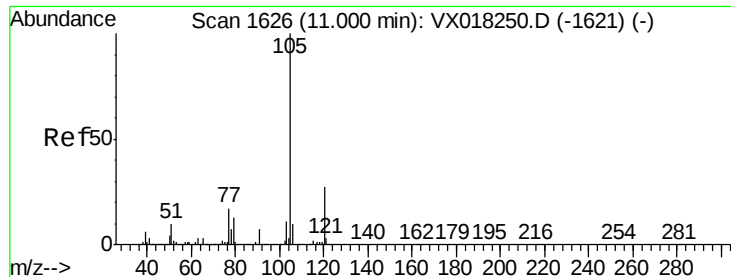
Tgt Ion:106 Resp: 123257
Ion Ratio Lower Upper
106 100
91 219.0 109.2 327.6



#69
Styrene
Concen: 18.803 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion:104 Resp: 215147
Ion Ratio Lower Upper
104 100
78 52.7 41.7 62.5
103 55.1 44.2 66.2





#70

Isopropylbenzene

Concen: 19.105 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

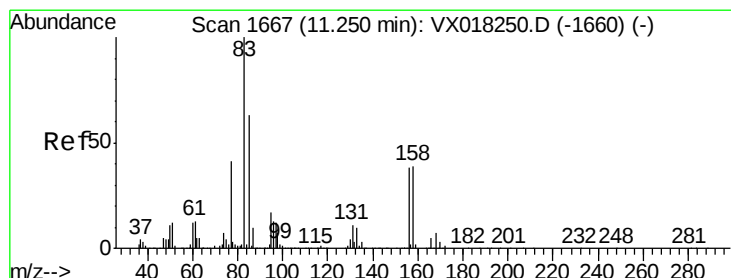
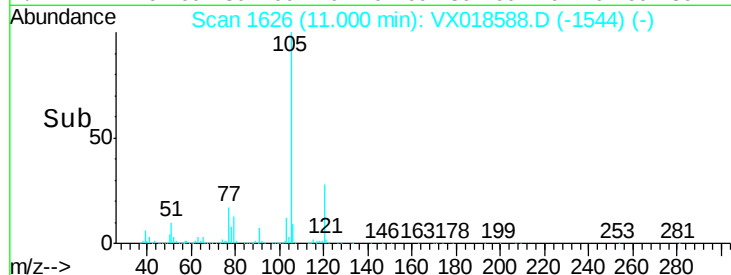
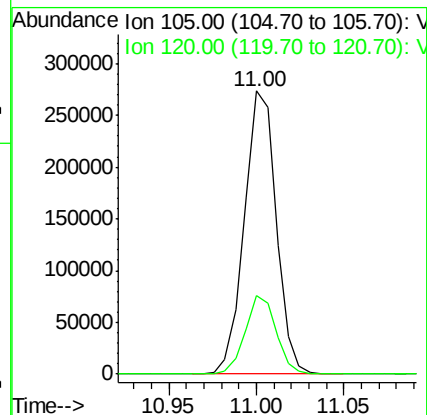
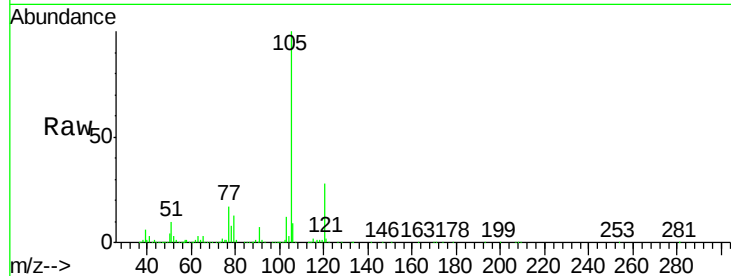
VSTDCCC020

Tgt Ion: 105 Resp: 348442

Ion Ratio Lower Upper

105 100

120 26.9 18.7 34.7



#71

1,1,2,2-Tetrachloroethane

Concen: 18.792 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

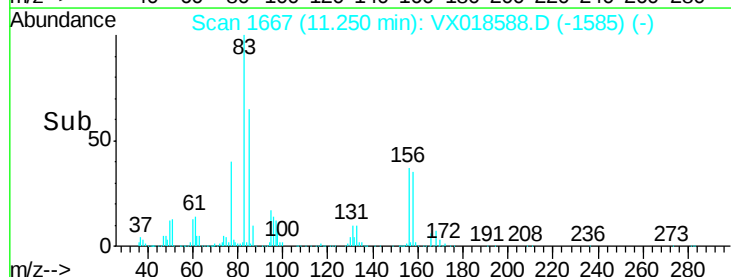
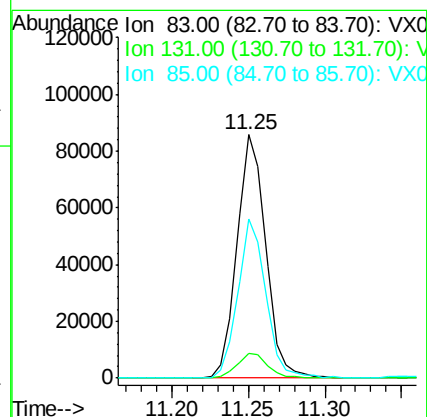
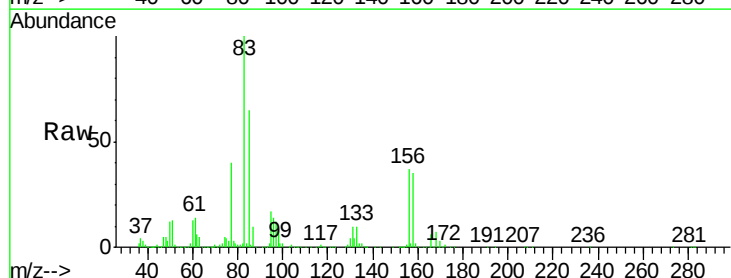
Tgt Ion: 83 Resp: 112002

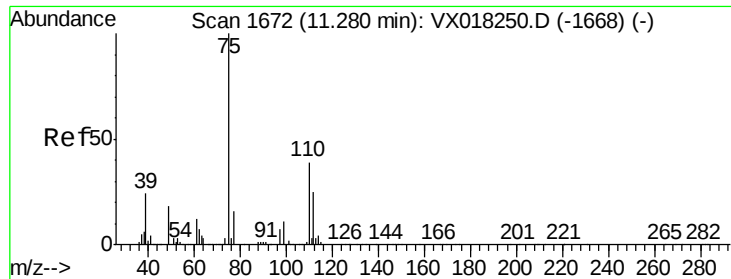
Ion Ratio Lower Upper

83 100

131 10.6 5.8 17.3

85 63.7 31.3 93.9





#72

1,2,3-Trichloropropane

Concen: 22.979 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

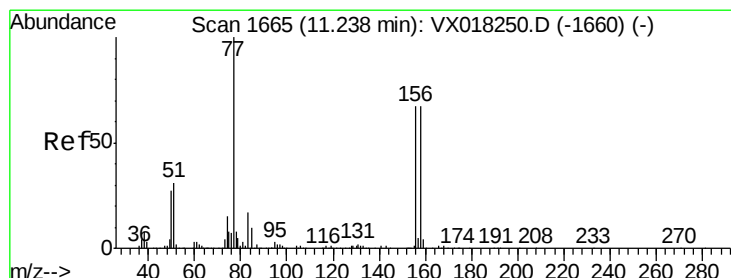
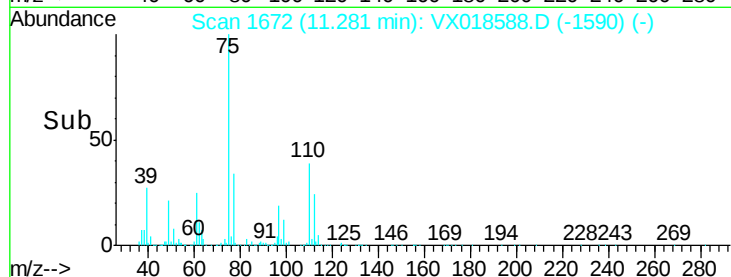
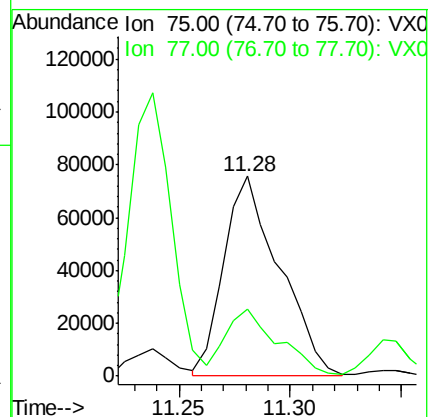
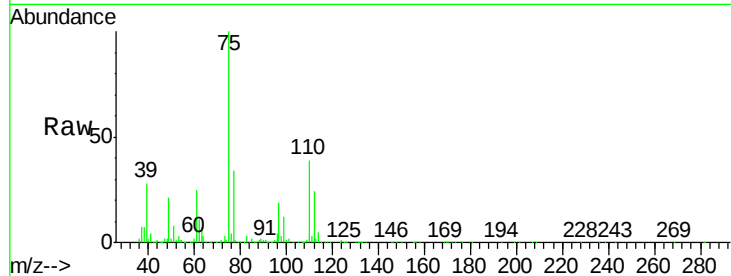
VSTDCCC020

Tgt Ion: 75 Resp: 131584

Ion Ratio Lower Upper

75 100

77 30.0 0.0 74.8



#73

Bromobenzene

Concen: 18.655 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

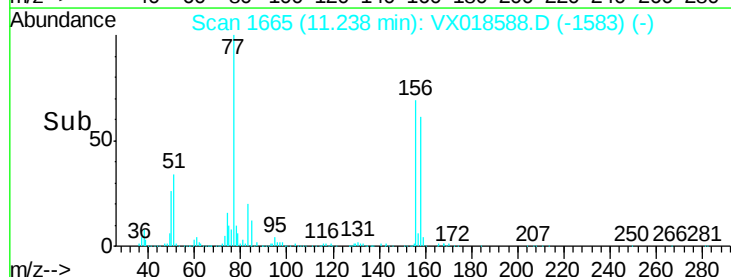
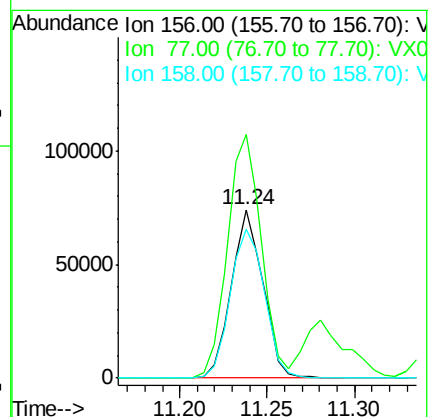
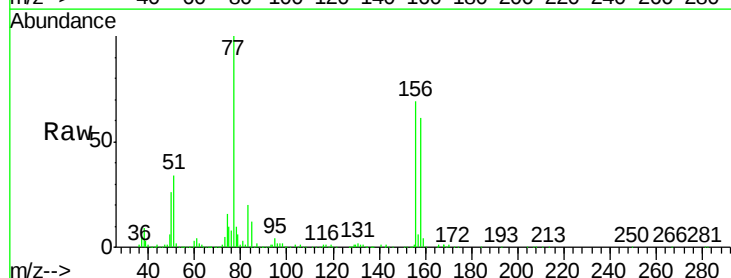
Tgt Ion: 156 Resp: 93208

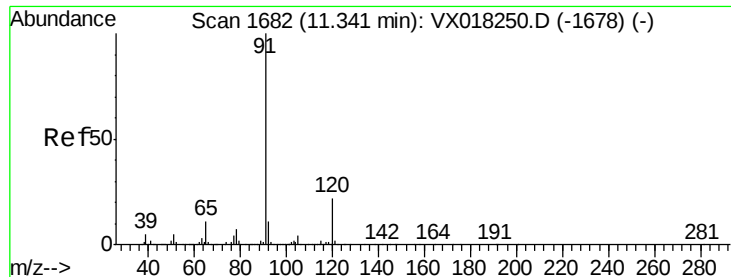
Ion Ratio Lower Upper

156 100

77 154.5 0.0 311.0

158 95.3 0.0 194.4





#74

n-propylbenzene

Concen: 18.744 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

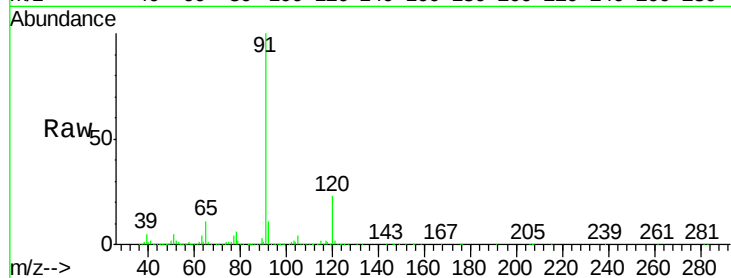
VSTDCCC020

Tgt Ion: 91 Resp: 402534

Ion Ratio Lower Upper

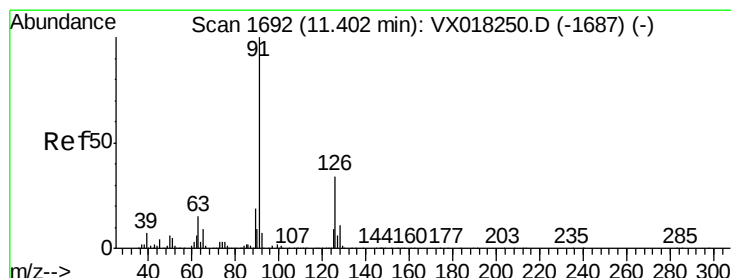
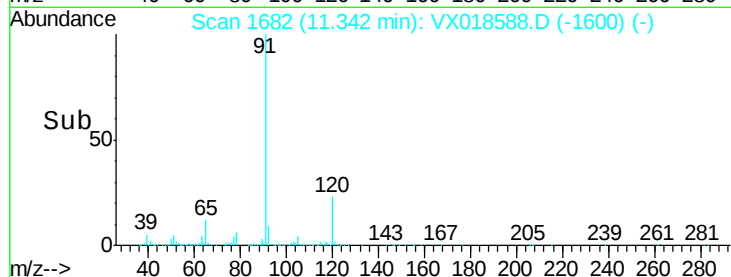
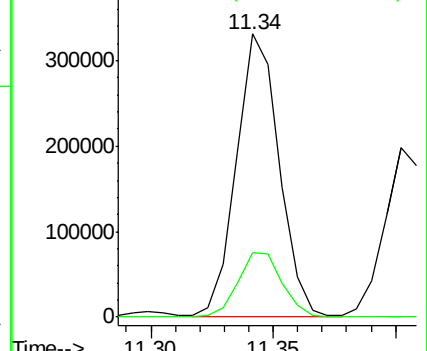
91 100

120 23.5 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: 18.884 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018588.D

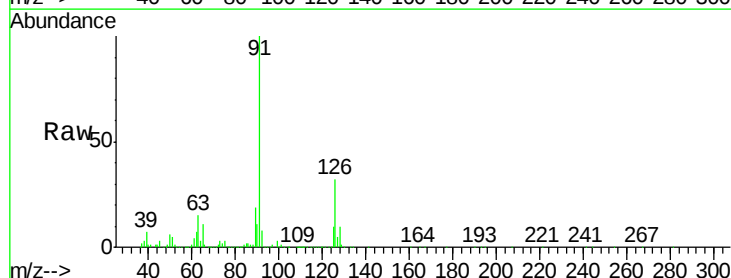
Acq: 25 Sep 2020 09:24

Tgt Ion: 91 Resp: 245797

Ion Ratio Lower Upper

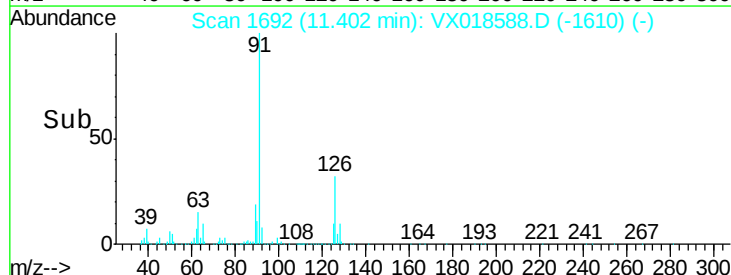
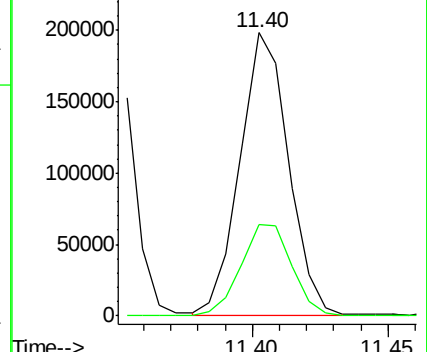
91 100

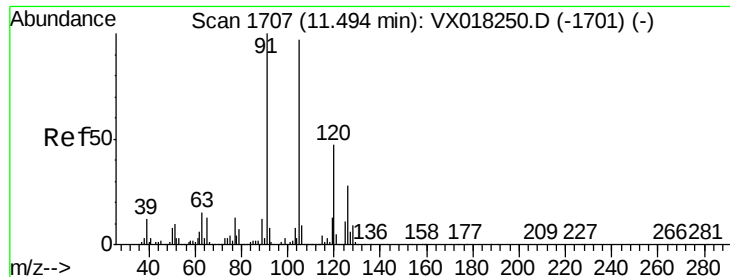
126 33.8 0.0 68.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

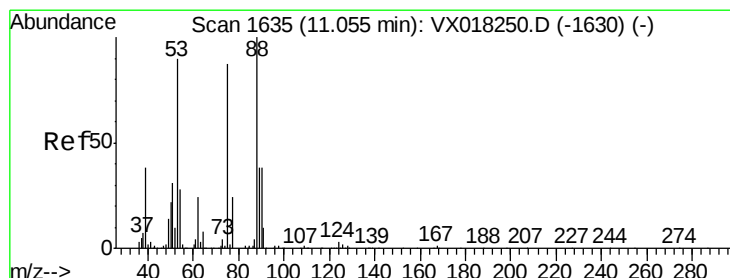
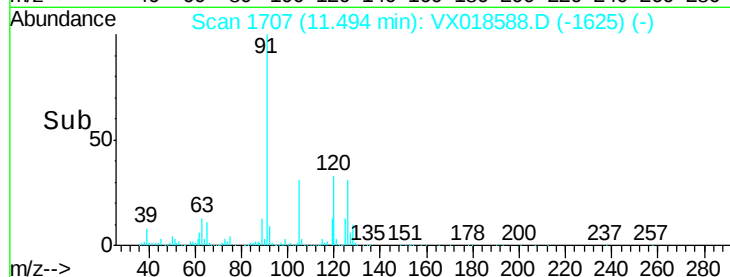
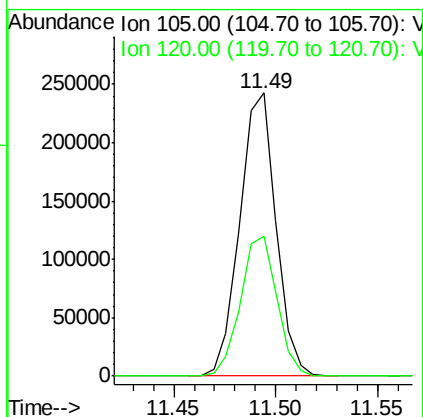
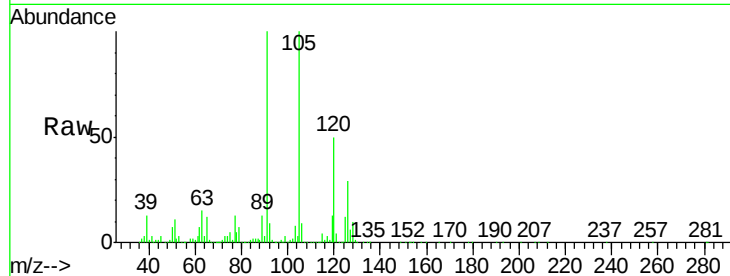




#76
 1,3,5-Trimethylbenzene
 Concen: 18.823 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

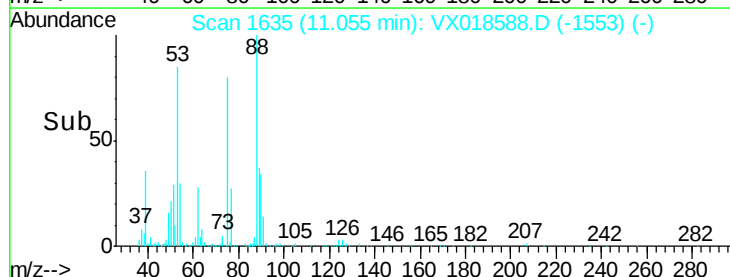
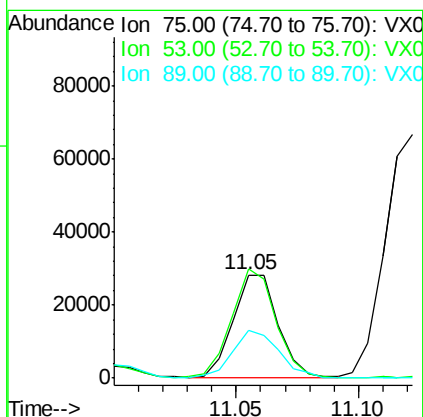
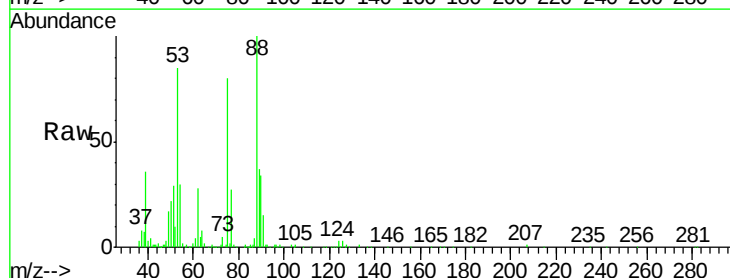
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

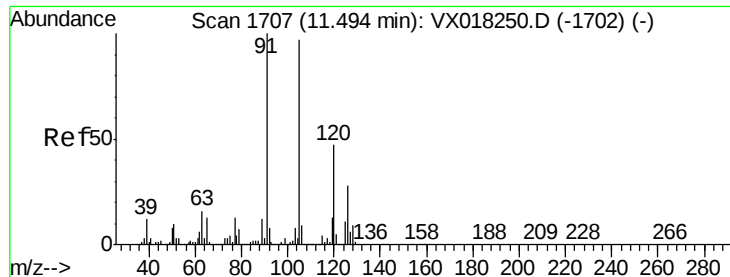
Tgt Ion: 105 Resp: 299072
 Ion Ratio Lower Upper
 105 100
 120 50.0 0.0 95.0



#77
 t-1,4-Dichloro-2-butene
 Concen: 15.991 ug/l
 RT: 11.05 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion: 75 Resp: 35586
 Ion Ratio Lower Upper
 75 100
 53 106.5 52.1 156.4
 89 46.9 22.1 66.3





#78

4-Chlorotoluene

Concen: 18.786 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampled :

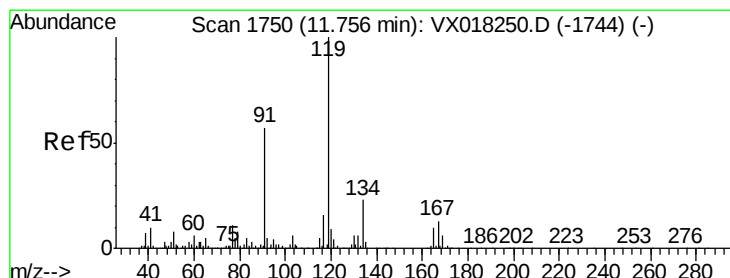
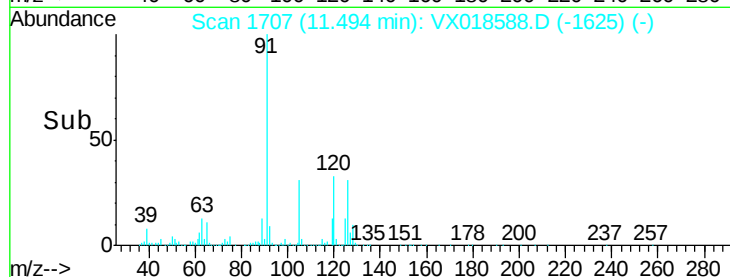
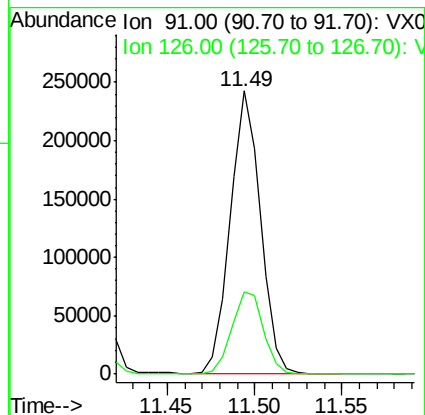
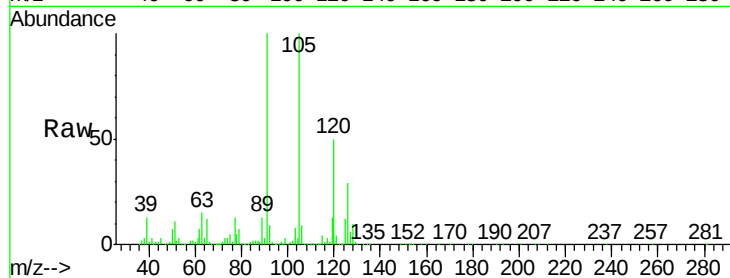
VSTDCCC020

Tgt Ion: 91 Resp: 291700

Ion Ratio Lower Upper

91 100

126 30.7 0.0 59.2



#79

tert-butylbenzene

Concen: 18.466 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

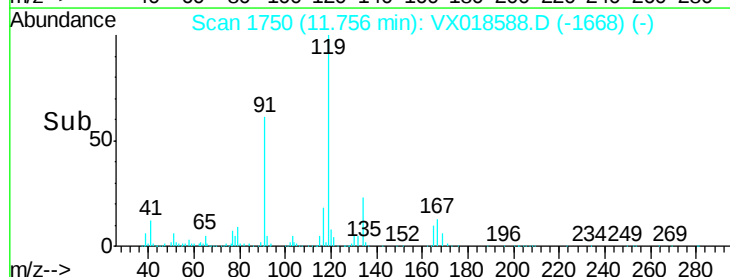
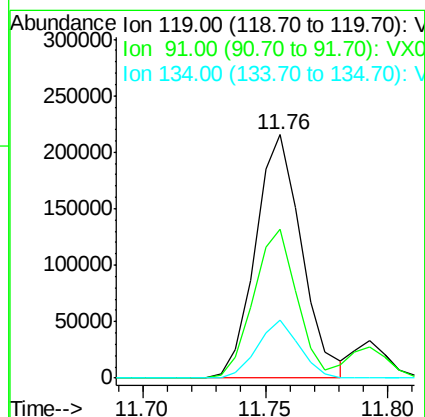
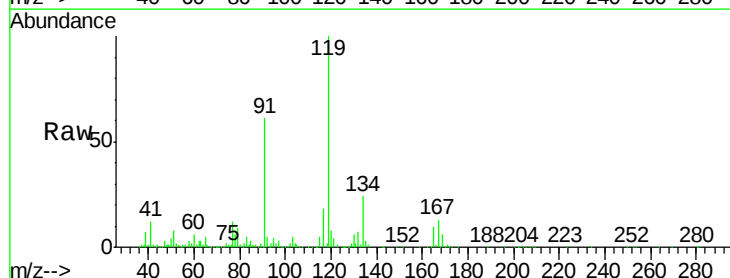
Tgt Ion: 119 Resp: 282640

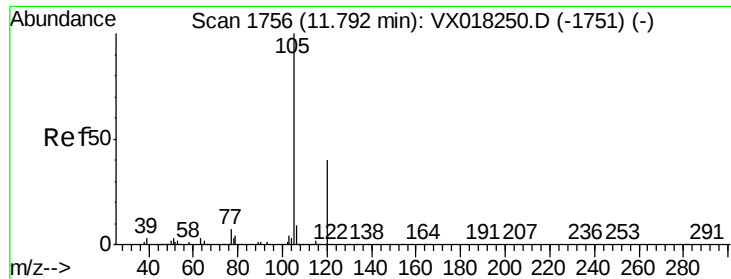
Ion Ratio Lower Upper

119 100

91 57.2 0.0 111.8

134 21.7 0.0 42.4

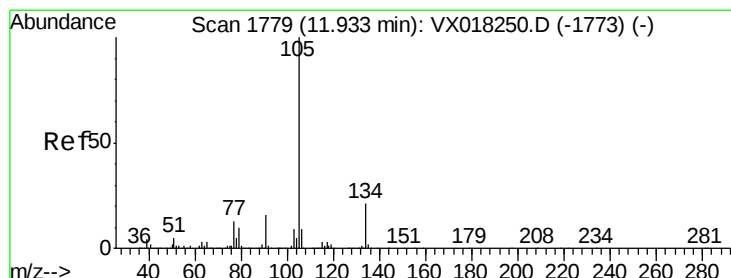
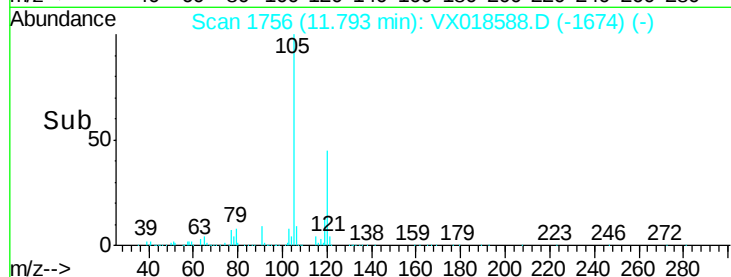
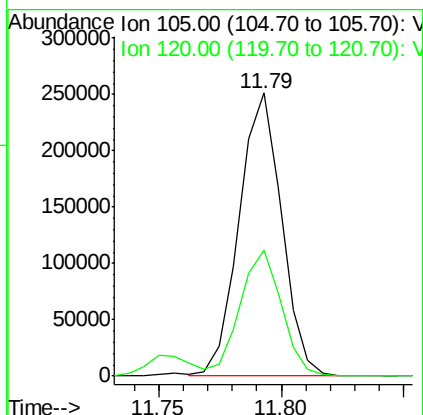
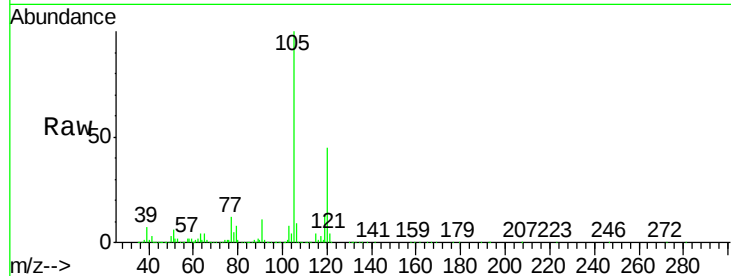




#80
 1,2,4-Trimethylbenzene
 Concen: 19.394 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

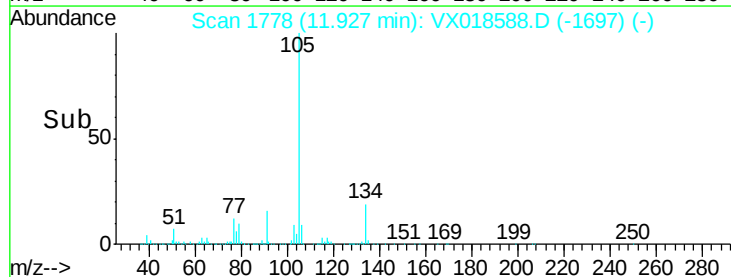
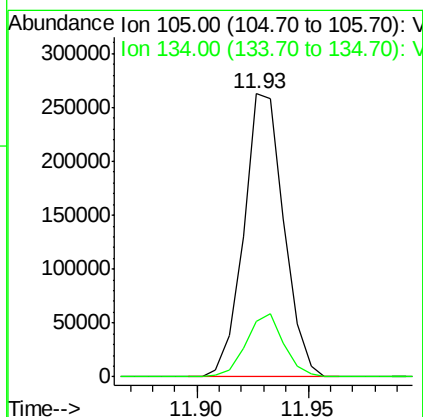
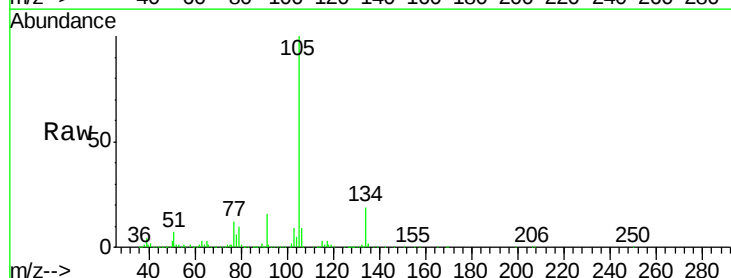
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

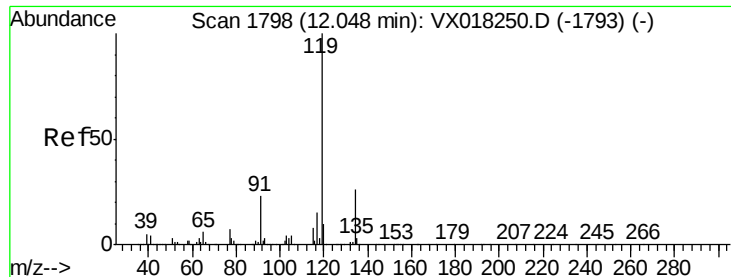
Tgt Ion:105 Resp: 304762
 Ion Ratio Lower Upper
 105 100
 120 43.7 0.0 89.2



#81
 sec-Butylbenzene
 Concen: 18.475 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion:105 Resp: 330301
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 40.0





#82

p-Isopropyltoluene

Concen: 18.476 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

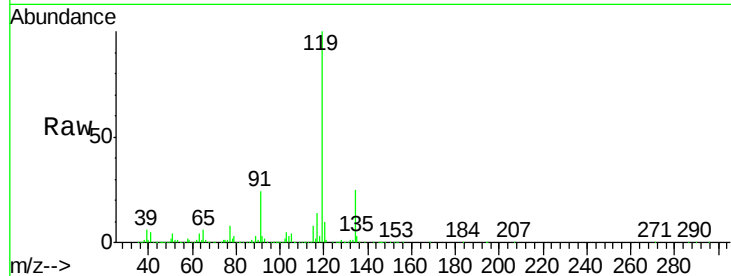
Tgt Ion:119 Resp: 307972

Ion Ratio Lower Upper

119 100

134 26.7 0.0 53.0

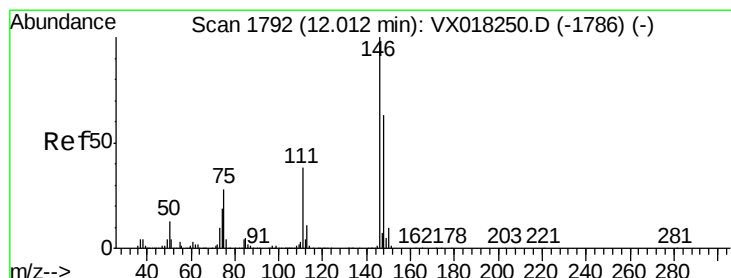
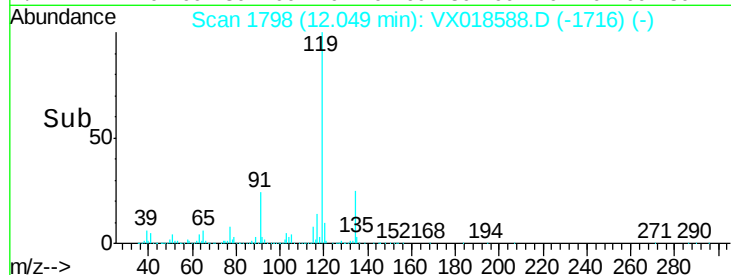
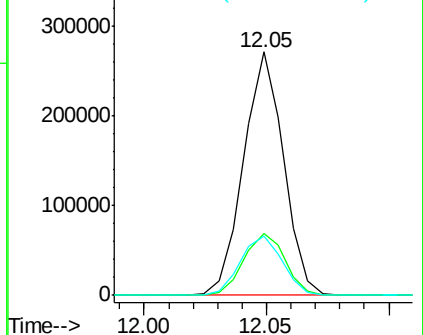
91 25.5 0.0 49.8



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): V



#83

1,3-Dichlorobenzene

Concen: 18.637 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

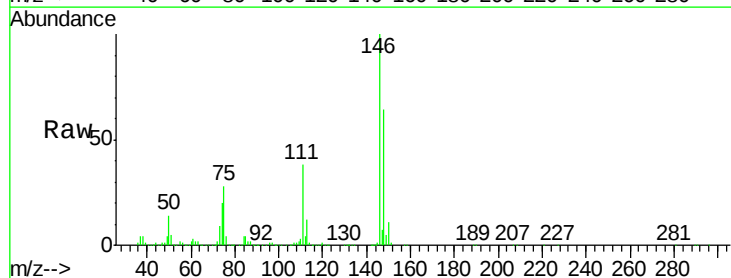
Tgt Ion:146 Resp: 166500

Ion Ratio Lower Upper

146 100

111 42.1 20.0 59.9

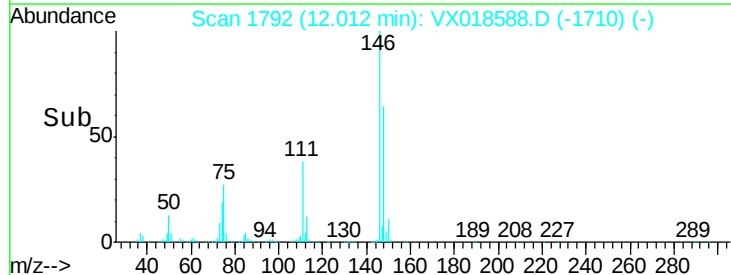
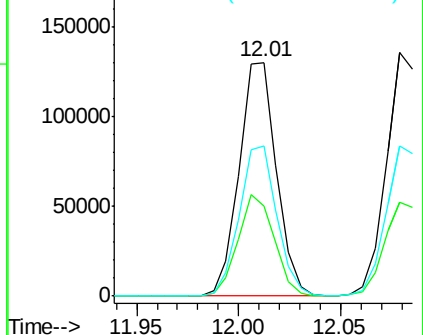
148 64.4 32.1 96.3

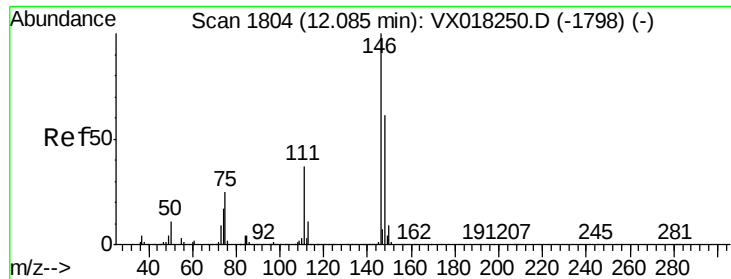


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

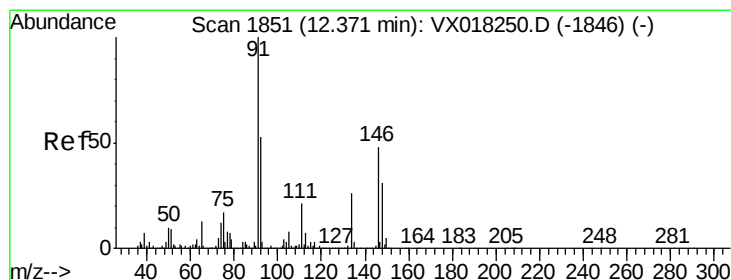
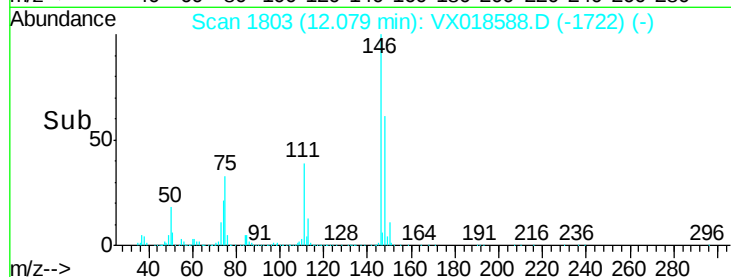
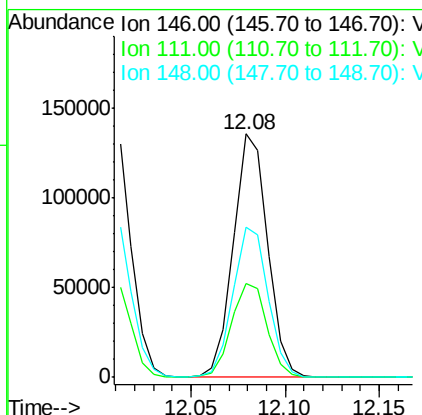
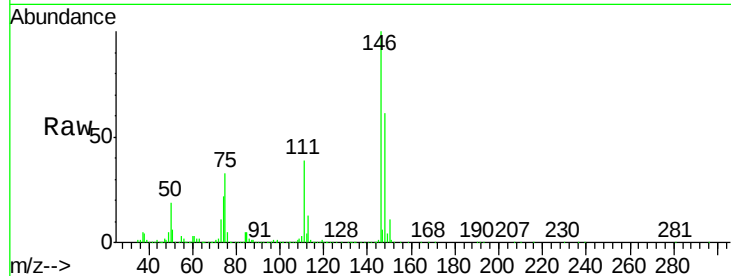




#84
 1,4-Dichlorobenzene
 Concen: 19.251 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

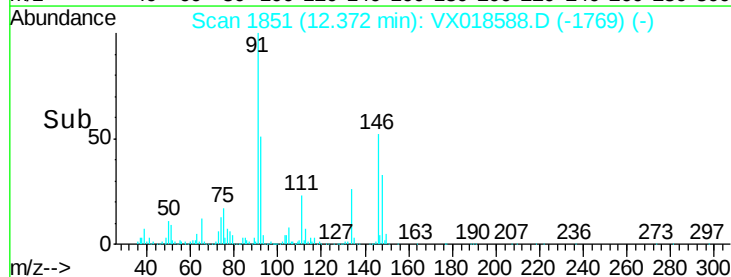
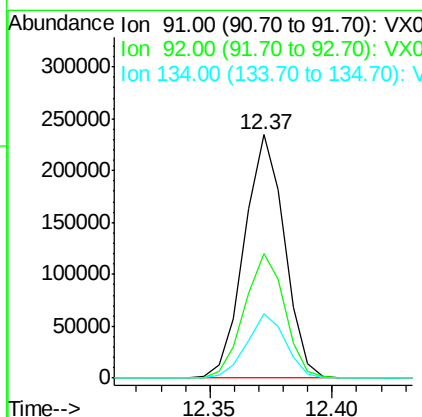
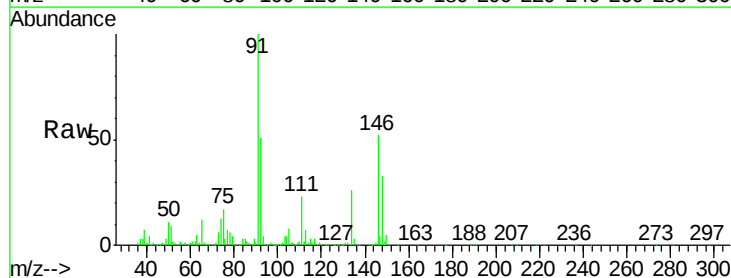
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

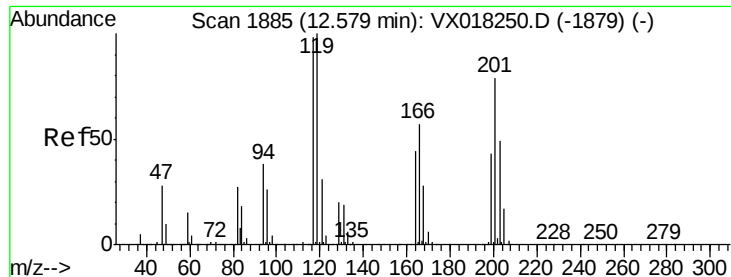
Tgt Ion: 146 Resp: 171967
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.3 57.8
 148 63.0 31.7 95.1



#85
 n-Butylbenzene
 Concen: 18.333 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion: 91 Resp: 269050
 Ion Ratio Lower Upper
 91 100
 92 51.3 0.0 105.0
 134 25.7 0.0 51.0





#86

Hexachloroethane

Concen: 18.490 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

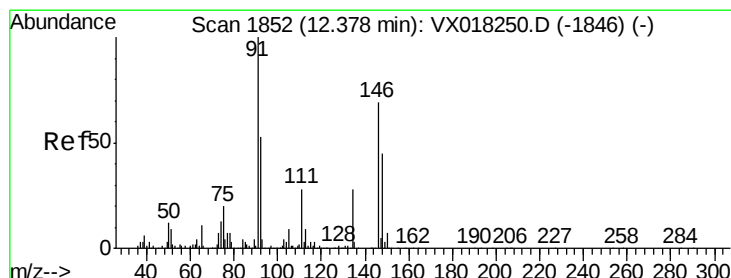
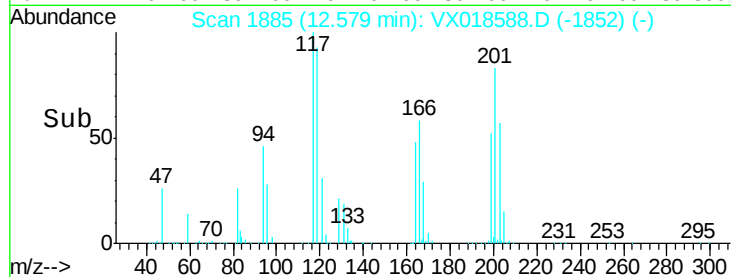
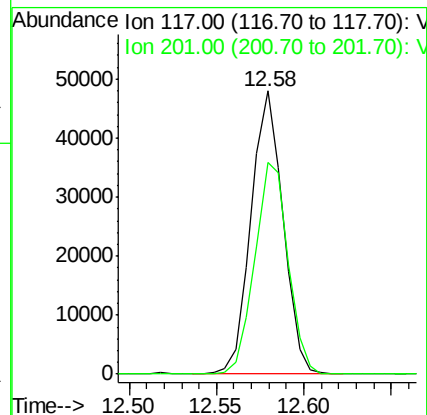
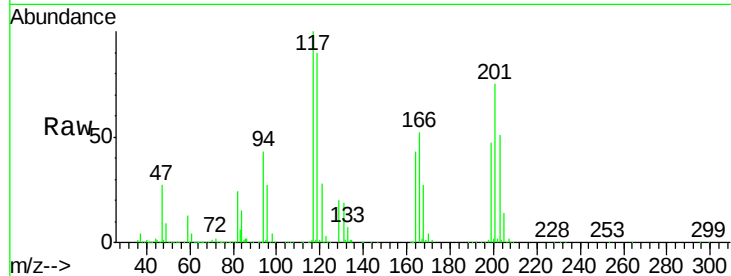
VSTDCCC020

Tgt Ion:117 Resp: 60683

Ion Ratio Lower Upper

117 100

201 78.2 39.6 118.8



#87

1,2-Dichlorobenzene

Concen: 19.853 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

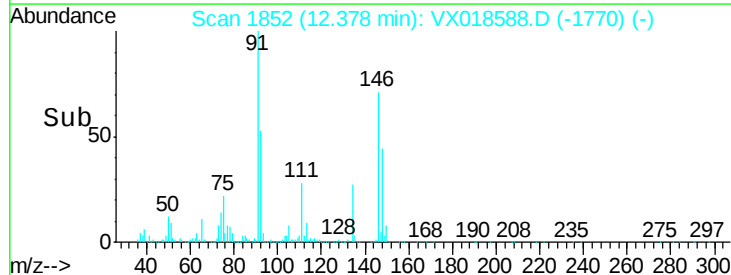
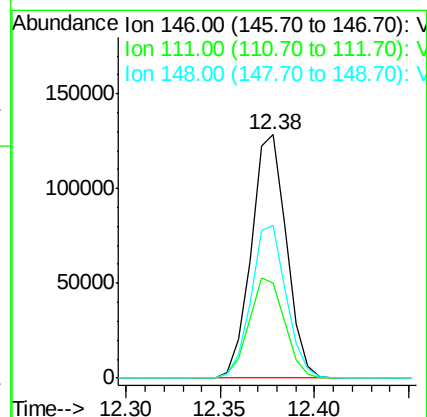
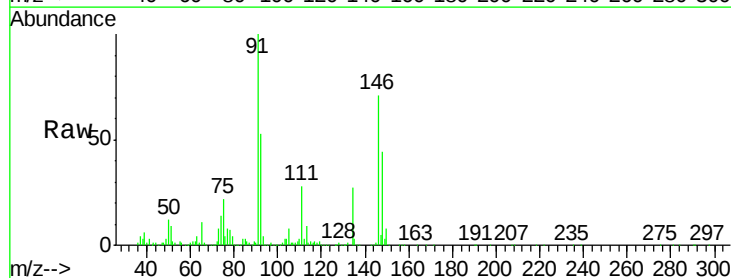
Tgt Ion:146 Resp: 166080

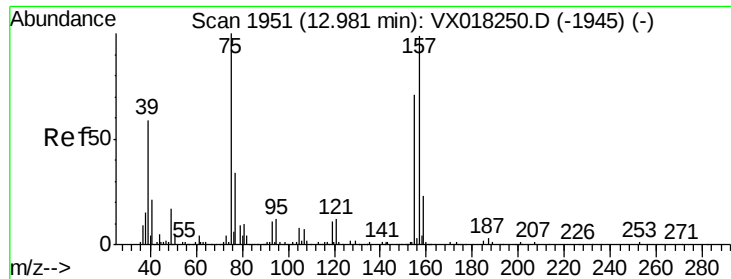
Ion Ratio Lower Upper

146 100

111 41.8 21.4 64.3

148 62.6 32.0 96.2





#88

1,2-Dibromo-3-Chloropropane

Concen: 15.946 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

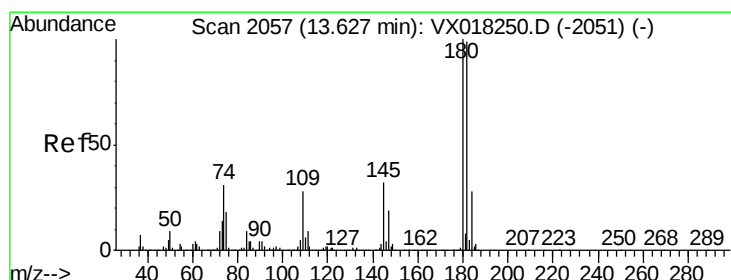
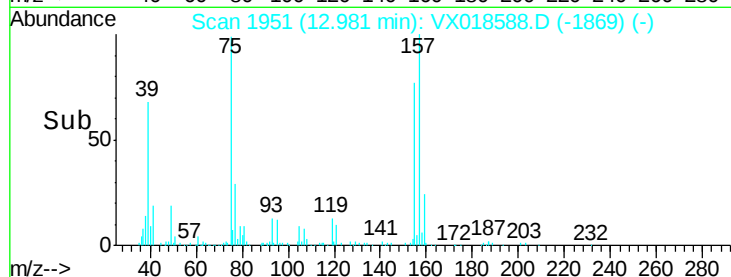
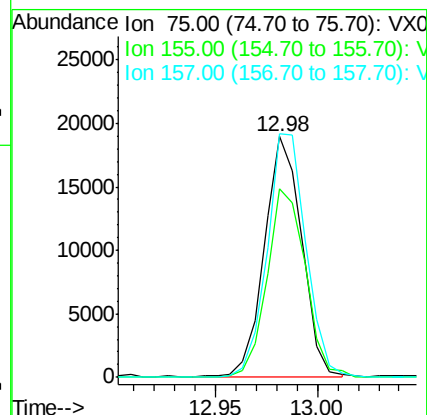
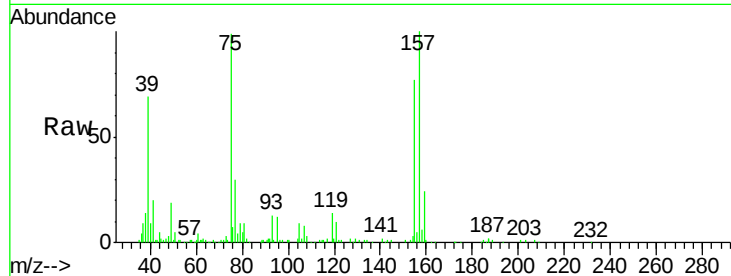
Tgt Ion: 75 Resp: 24313

Ion Ratio Lower Upper

75 100

155 80.1 63.4 95.2

157 104.9 87.0 130.6



#89

1,2,4-Trichlorobenzene

Concen: 18.282 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

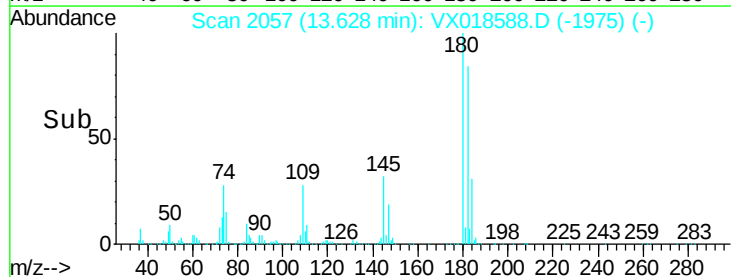
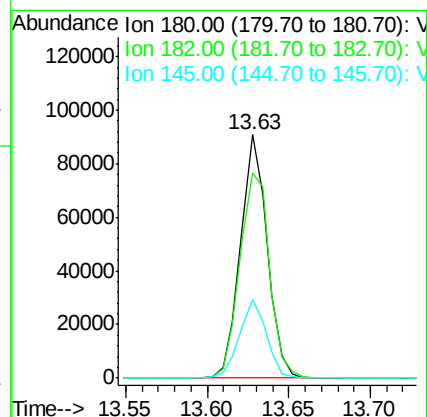
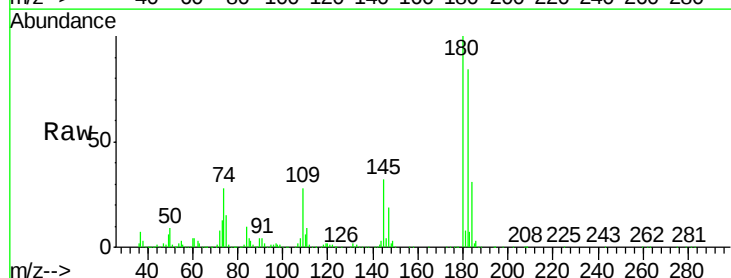
Tgt Ion: 180 Resp: 103472

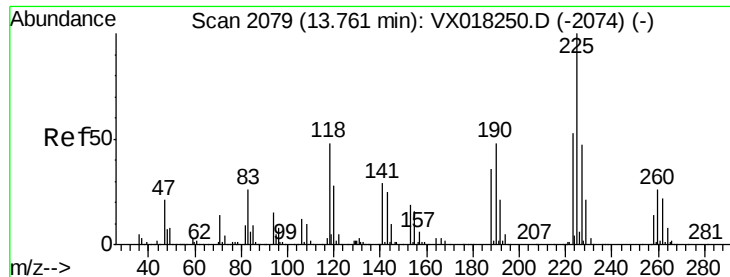
Ion Ratio Lower Upper

180 100

182 94.0 77.1 115.7

145 32.6 25.0 37.6

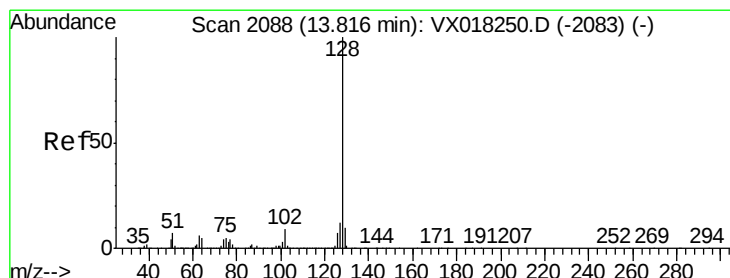
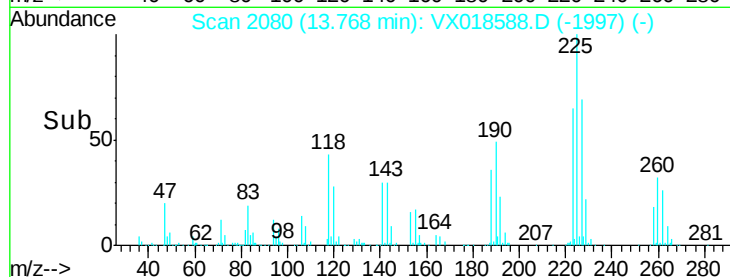
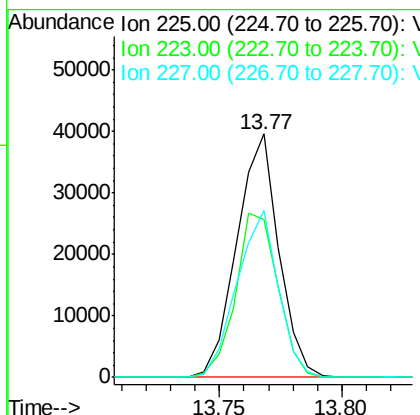
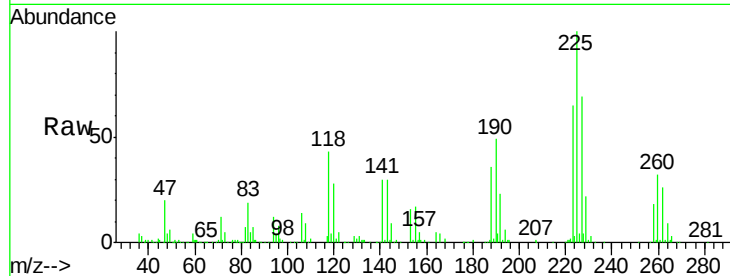




#90
Hexachlorobutadiene
Concen: 19.783 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

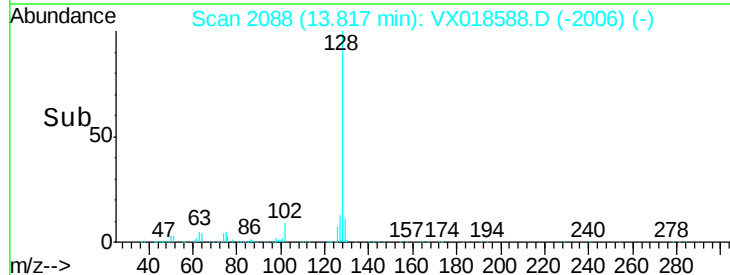
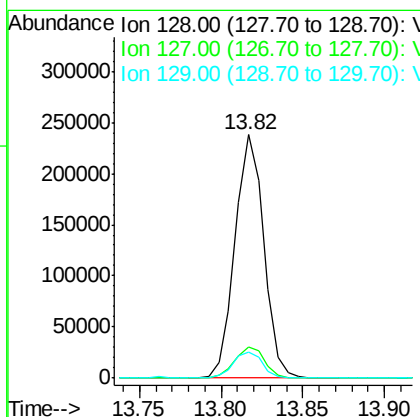
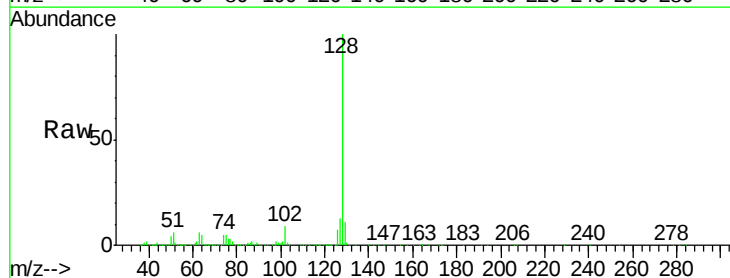
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

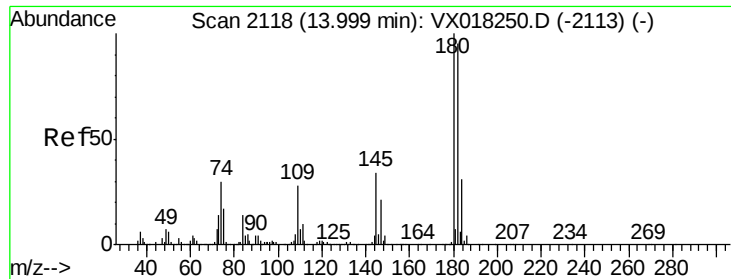
Tgt Ion: 225 Resp: 47361
Ion Ratio Lower Upper
225 100
223 68.1 0.0 115.8
227 67.8 0.0 117.0



#91
Naphthalene
Concen: 16.607 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion: 128 Resp: 293334
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.7 13.1





#92
 1,2,3-Trichlorobenzene
 Concen: 17.969 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:	180	Resp:	100613
Ion	Ratio	Lower	Upper
180	100		
182	97.3	0.0	191.6
145	34.0	0.0	67.4

