

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013766.D
 Acq On : 05 Dec 2019 10:27
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Dec 06 02:18:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	119829	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	675275	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	601141	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	251595	28.43	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.77%
60) 4-Bromofluorobenzene	11.13	95	287916	29.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.33%
63) Toluene-d8	8.71	98	820164	30.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	181074	20.168	ug/l 100
3) Chloromethane	1.32	50	185079	18.914	ug/l 99
4) Vinyl Chloride	1.40	62	222676	20.028	ug/l 99
5) Bromomethane	1.63	94	118209	17.685	ug/l 99
6) Chloroethane	1.72	64	121001	19.798	ug/l 99
7) Trichlorofluoromethane	1.92	101	243324	20.328	ug/l 99
8) Diethyl Ether	2.18	74	109560	20.046	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	149870	20.811	ug/l 100
10) 1,1-Dichloroethene	2.36	96	144959	19.587	ug/l 99
11) Methyl Iodide	2.50	142	144194	15.780	ug/l 98
12) Methyl Acetate	2.76	43	239456	18.465	ug/l 99
13) Acrolein	2.28	56	117970	85.641	ug/l 99
14) Acrylonitrile	3.12	53	417722	87.597	ug/l 99
15) Acetone	2.43	58	164374	113.811	ug/l 99
16) Carbon Disulfide	2.56	76	400524	19.404	ug/l 100
17) Allyl chloride	2.72	41	259646	19.051	ug/l 98
18) Methylene Chloride	2.84	84	164520	19.593	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	156271	19.758	ug/l 98
20) Diisopropyl ether	3.84	45	519051	19.796	ug/l 93
21) 1,1-Dichloroethane	3.69	63	281321	19.699	ug/l 100
22) cis-1,2-Dichloroethene	4.58	96	176652	19.590	ug/l 99
23) tert-Butyl Alcohol	3.03	59	186588	81.305	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	485437	19.819	ug/l 100
25) Chloroform	5.20	83	275411	19.702	ug/l 100
26) Cyclohexane	5.56	56	253224	19.525	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	211884	20.543	ug/l 99
30) 2-Butanone	4.65	43	658087	96.666	ug/l 100
31) 2,2-Dichloropropane	4.56	77	235536	21.086	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	235503	20.543	ug/l 100
33) Carbon Tetrachloride	5.77	117	204445	20.532	ug/l 98
34) Benzene	6.13	78	638599	20.413	ug/l 99
35) Methacrylonitrile	5.03	41	128242	18.863	ug/l 97
36) 1,2-Dichloroethane	6.18	62	224402	20.493	ug/l 99
37) Trichloroethene	7.20	130	177612	21.192	ug/l 93
38) Methylcyclohexane	7.45	83	266602	21.081	ug/l 98
39) 1,2-Dichloropropane	7.50	63	162052	20.033	ug/l 100
40) Dibromomethane	7.65	93	108221	20.103	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	214615	20.422	ug/l	99
42) Vinyl Acetate	3.80	43	2097051	97.839	ug/l	100
43) Ethyl Acetate	4.81	43	231243	18.624	ug/l	99
44) Isopropyl Acetate	6.43	43	374866	18.782	ug/l	100
45) 1,4-Dioxane	7.73	88	75011	340.406	ug/l	99
46) Methyl methacrylate	7.76	41	188059	18.942	ug/l	97
47) n-amyl Acetate	10.89	43	326606	18.655	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	232165	19.702	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	263026	20.370	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	163855	20.569	ug/l	97
51) Ethyl methacrylate	9.17	69	254156	19.378	ug/l	99
52) 1,3-Dichloropropane	9.36	76	273210	20.062	ug/l	99
53) Dibromochloromethane	9.57	129	172709	20.456	ug/l	97
54) 1,2-Dibromoethane	9.67	107	169201	19.864	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	596627	106.460	ug/l	99
56) Bromoform	10.85	173	131091	19.511	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	1174126	93.496	ug/l	99
59) 2-Hexanone	9.48	43	927358	93.331	ug/l	99
61) Tetrachloroethene	9.33	164	162018	21.857	ug/l	99
62) Toluene	8.78	91	695167	20.761	ug/l	100
64) Chlorobenzene	10.13	112	435361	20.794	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	161334	20.586	ug/l	99
66) Ethyl Benzene	10.25	91	762578	20.730	ug/l	99
67) m/p-Xylenes	10.36	106	589751	41.561	ug/l	100
68) o-Xylene	10.69	106	282967	20.663	ug/l	100
69) Styrene	10.71	104	482521	20.634	ug/l	99
70) Isopropylbenzene	11.01	105	762327	21.126	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	250530	19.390	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	276485	25.343	ug/l	84
73) Bromobenzene	11.25	156	197181	20.720	ug/l	96
74) n-propylbenzene	11.35	91	864484	21.080	ug/l	99
75) 2-Chlorotoluene	11.42	91	509947	20.911	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	632633	20.857	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	80498	18.248	ug/l	96
78) 4-Chlorotoluene	11.51	91	575120	20.584	ug/l	98
79) tert-butylbenzene	11.76	119	618244	20.202	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	630949	20.874	ug/l	99
81) sec-Butylbenzene	11.94	105	744701	21.328	ug/l	100
82) p-Isopropyltoluene	12.06	119	685772	21.317	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	344416	20.586	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	344094	20.720	ug/l	99
85) n-Butylbenzene	12.39	91	574880	20.705	ug/l	99
86) Hexachloroethane	12.59	117	119732	20.282	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	346991	20.741	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	51683	17.887	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	235384	20.406	ug/l	99
90) Hexachlorobutadiene	13.78	225	115635	20.920	ug/l	97
91) Naphthalene	13.83	128	704040	19.277	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	234721	20.135	ug/l	100

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
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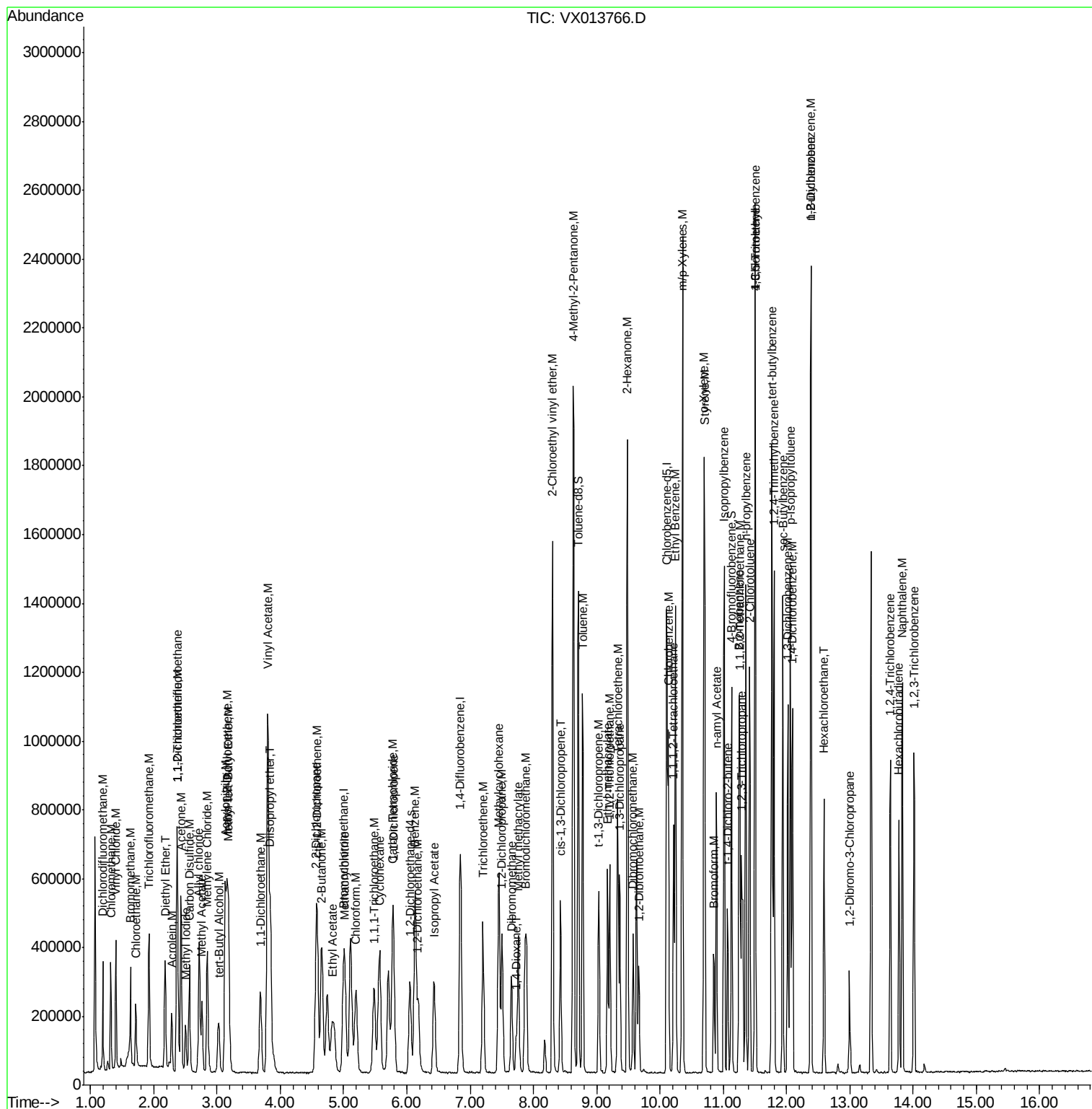
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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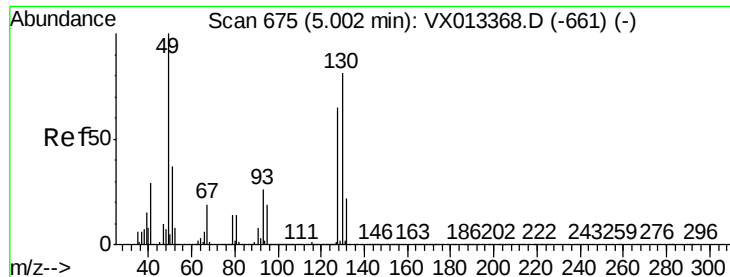
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120519\
Data File : VX013766.D
Acq On    : 05 Dec 2019 10:27
Operator  : JC/SP
Sample    : VSTDCCC020
Misc      : 5.0mL/MSVOA X/WATER
ALS Vial  : 3      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Quant Time: Dec 06 02:18:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

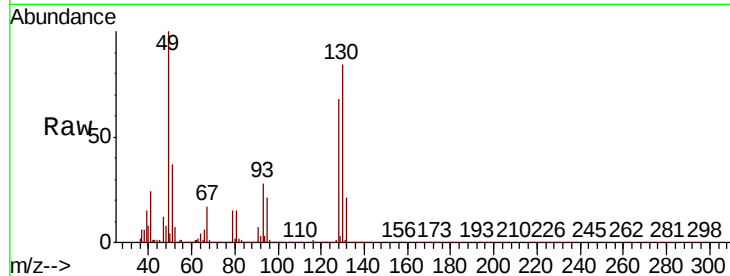
Tot Ion:128 Resp: 119829

Ion Ratio Lower Upper

128 100

49 154.8 0.0 388.3

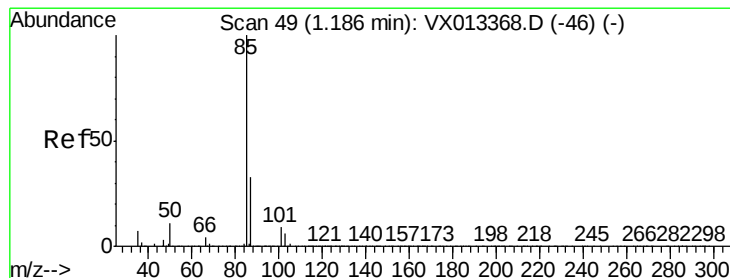
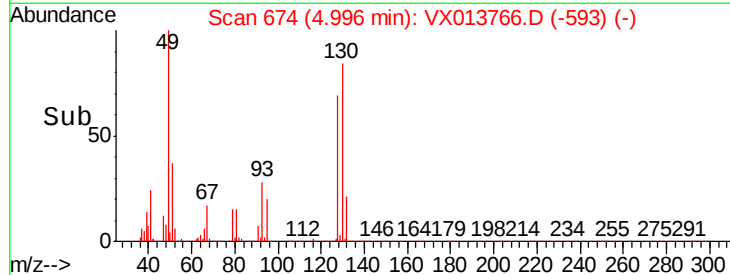
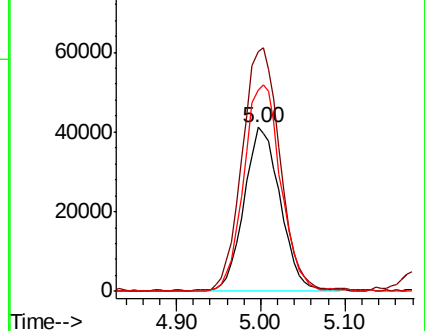
130 129.2 0.0 318.5



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: 20.168 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013766.D

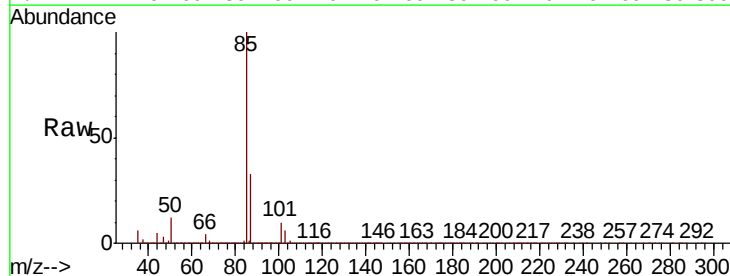
Acq: 05 Dec 2019 10:27

Tgt Ion: 85 Resp: 181074

Ion Ratio Lower Upper

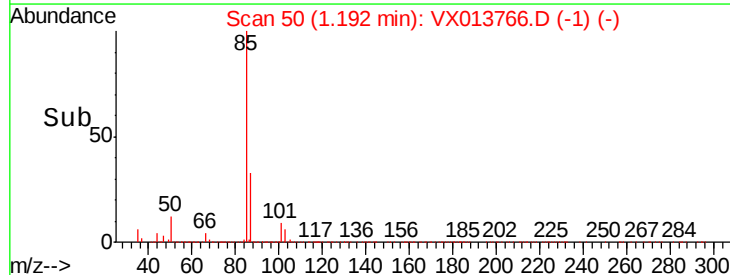
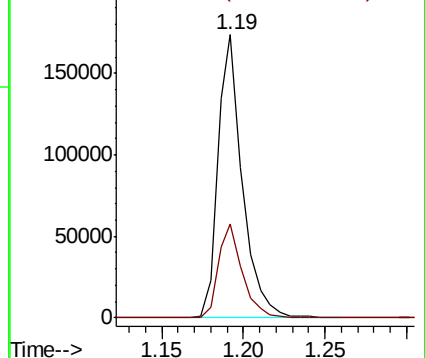
85 100

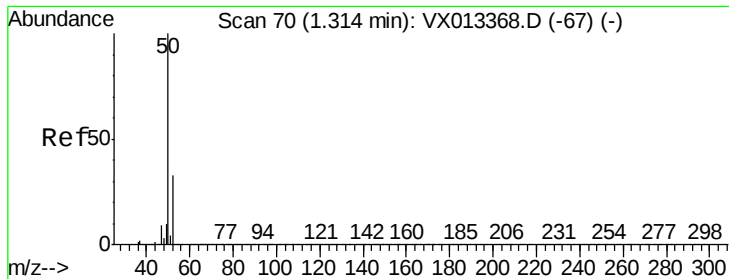
87 33.0 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 18.914 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

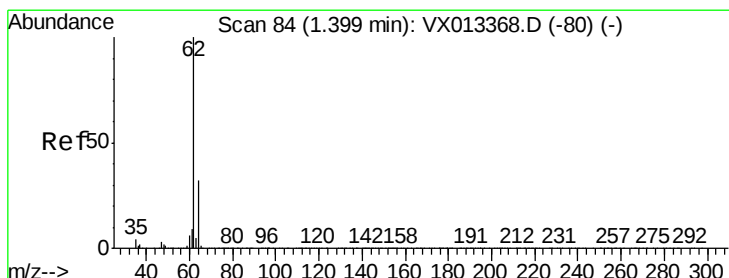
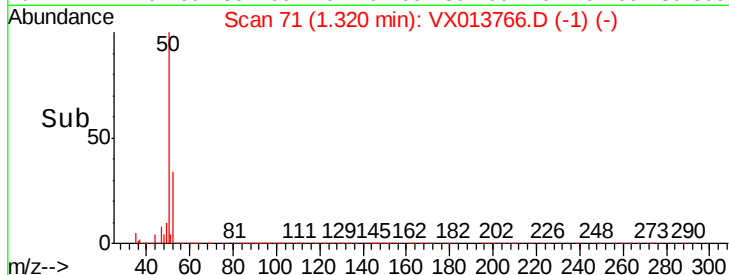
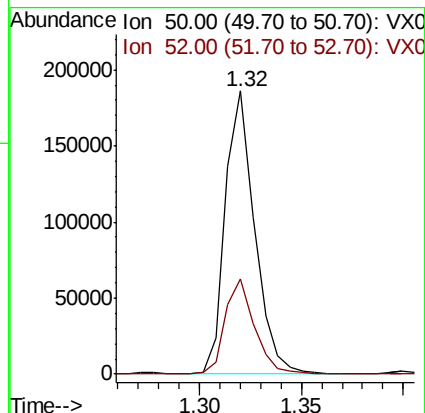
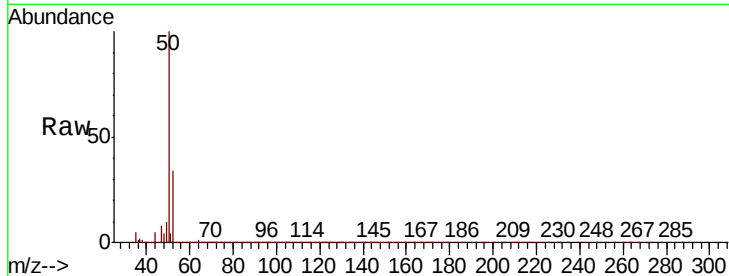
VSTDCCC020

Tot Ion: 50 Resp: 185079

Ion Ratio Lower Upper

50 100

52 33.7 26.6 40.0



#4

Vinyl Chloride

Concen: 20.028 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013766.D

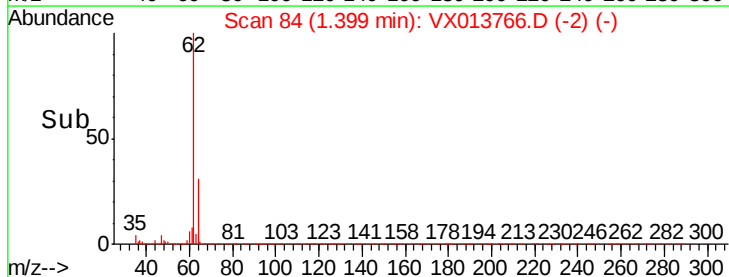
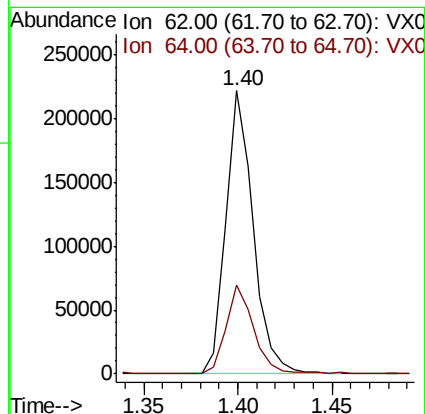
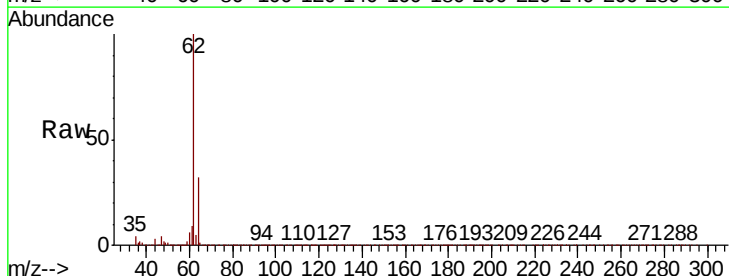
Acq: 05 Dec 2019 10:27

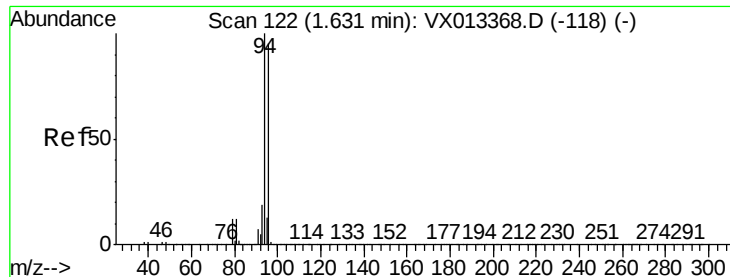
Tgt Ion: 62 Resp: 222676

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.2





#5

Bromomethane

Concen: 17.685 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

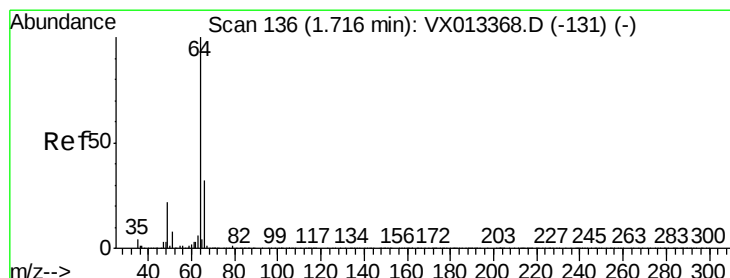
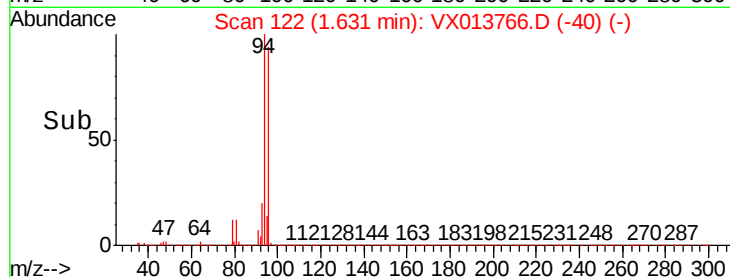
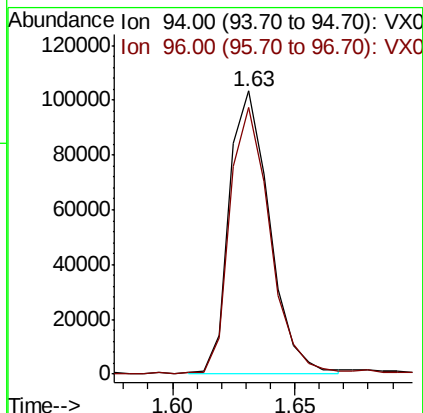
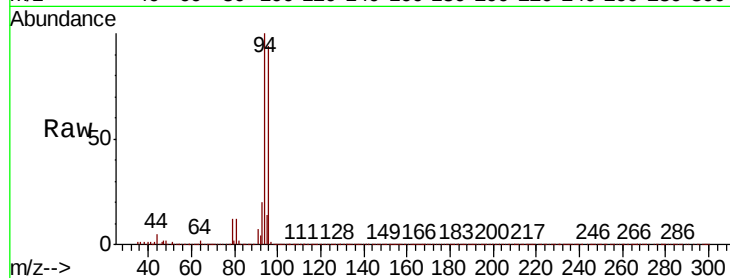
VSTDCCC020

Tot Ion: 94 Resp: 118209

Ion Ratio Lower Upper

94 100

96 94.1 75.7 113.5



#6

Chloroethane

Concen: 19.798 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013766.D

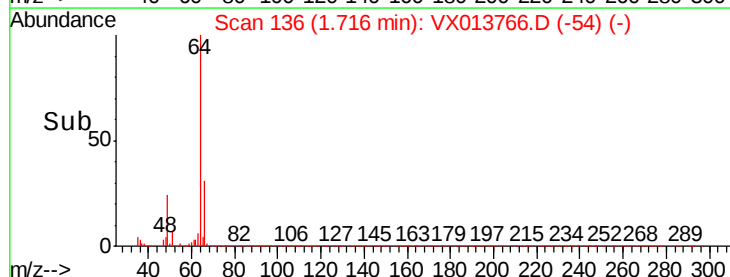
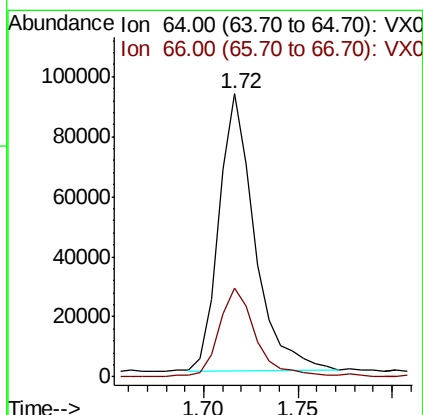
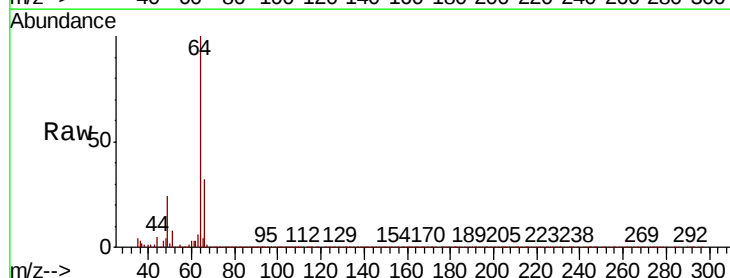
Acq: 05 Dec 2019 10:27

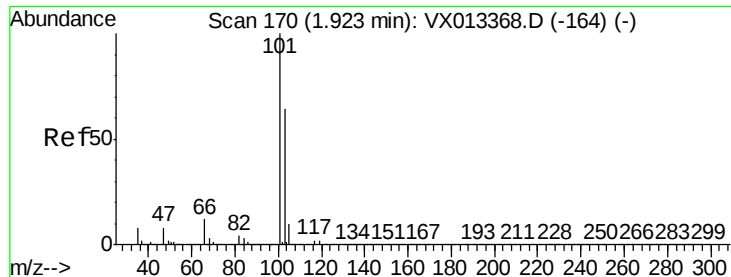
Tgt Ion: 64 Resp: 121001

Ion Ratio Lower Upper

64 100

66 31.4 25.5 38.3



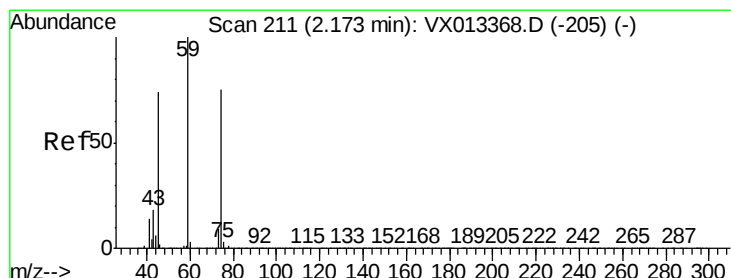
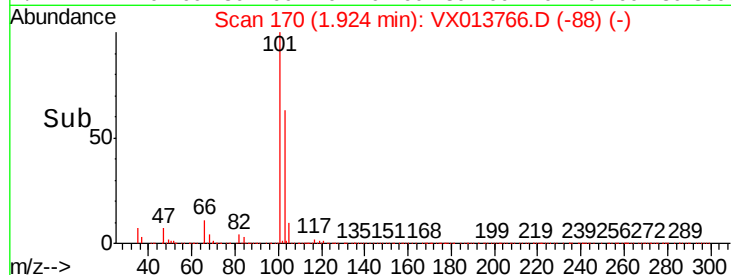
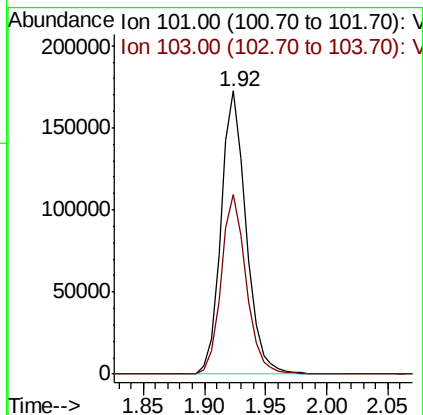
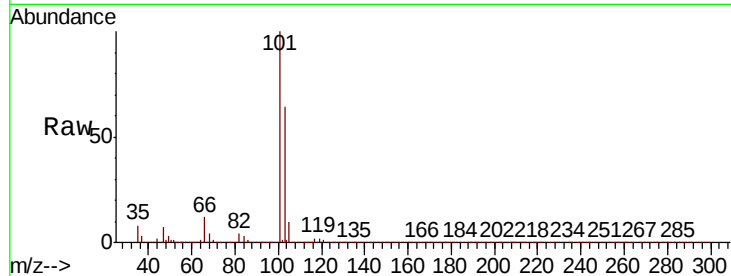


#7

Trichlorofluoromethane
Concen: 20.328 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

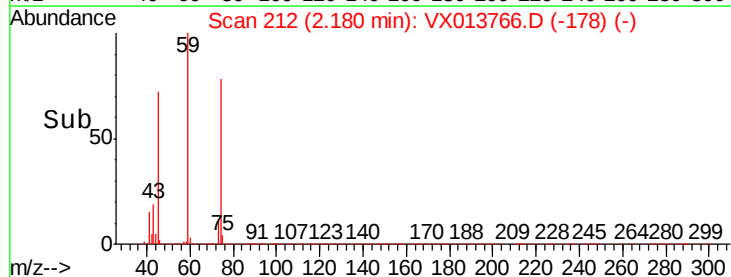
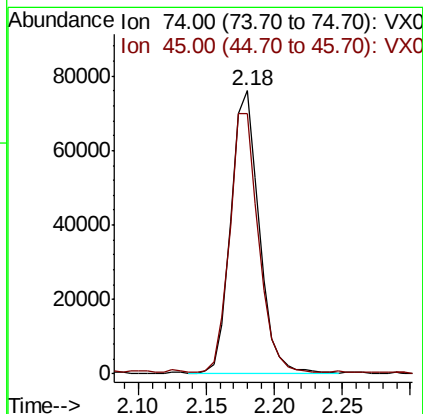
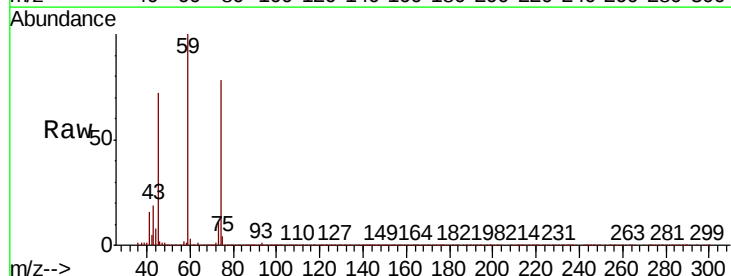
Tot Ion:101 Resp: 243324
Ion Ratio Lower Upper
101 100
103 63.5 51.2 76.8

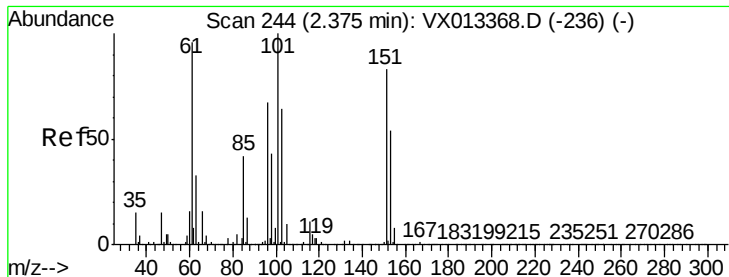


#8

Diethyl Ether
Concen: 20.046 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion: 74 Resp: 109560
Ion Ratio Lower Upper
74 100
45 94.0 19.5 175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.811 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

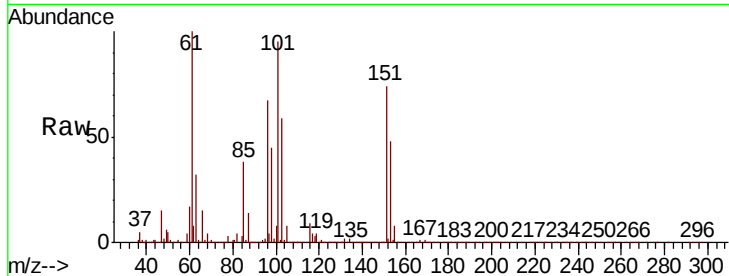
Tot Ion:101 Resp: 149870

Ion Ratio Lower Upper

101 100

85 41.2 0.0 83.2

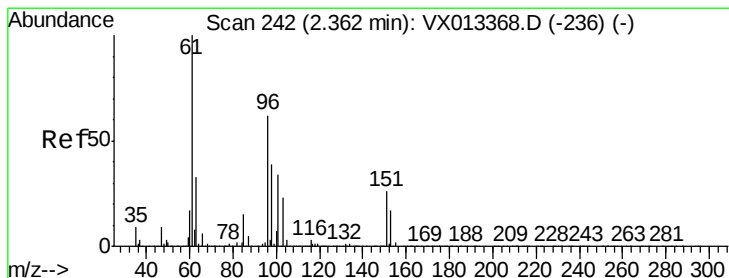
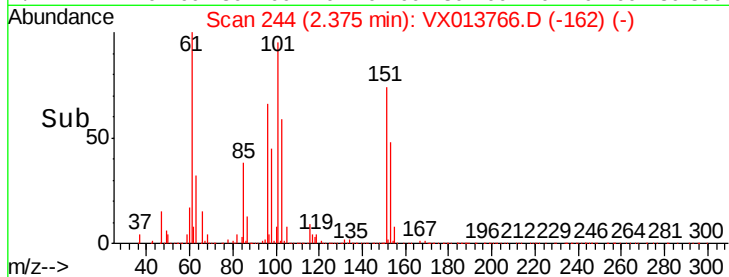
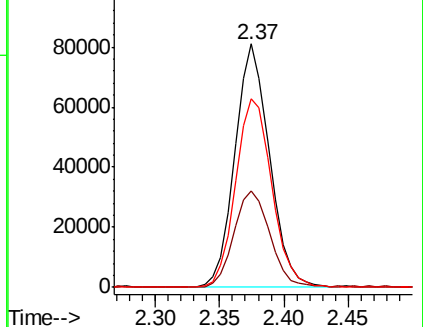
151 81.8 0.0 163.8



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: 19.587 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

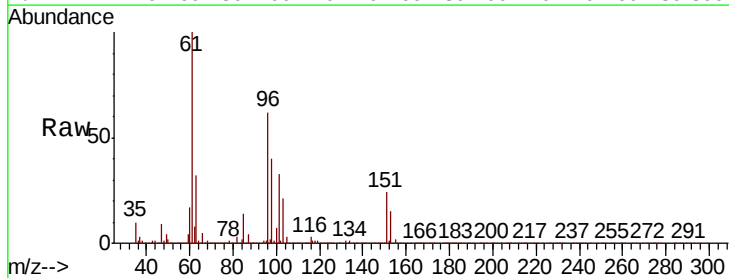
Tgt Ion: 96 Resp: 144959

Ion Ratio Lower Upper

96 100

61 160.3 128.9 193.3

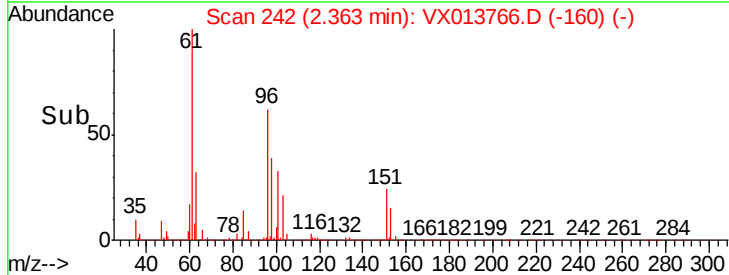
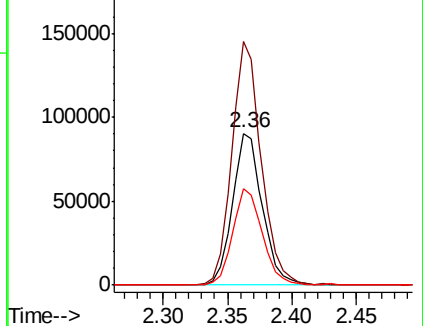
98 63.1 49.7 74.5

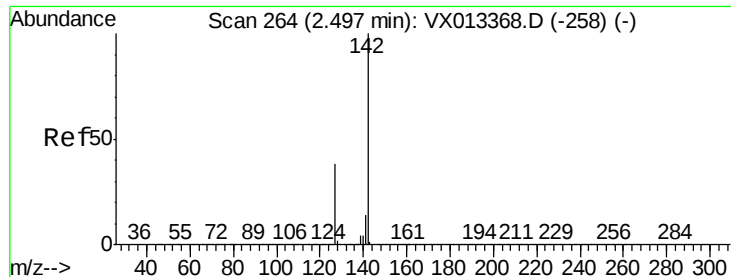


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

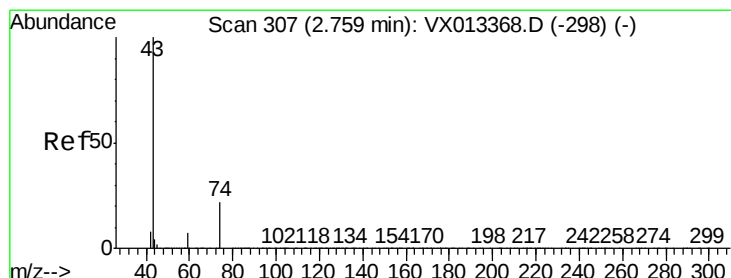
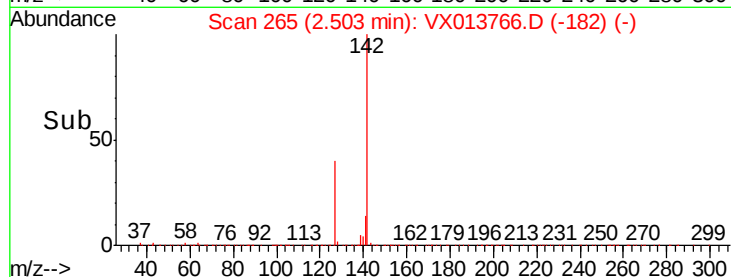
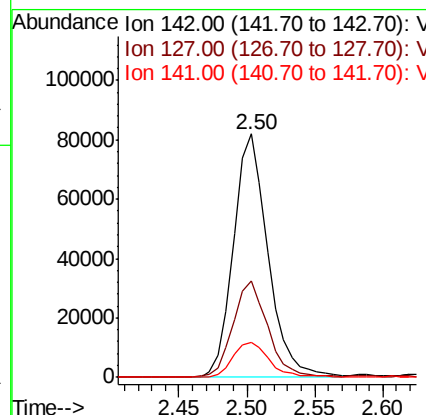
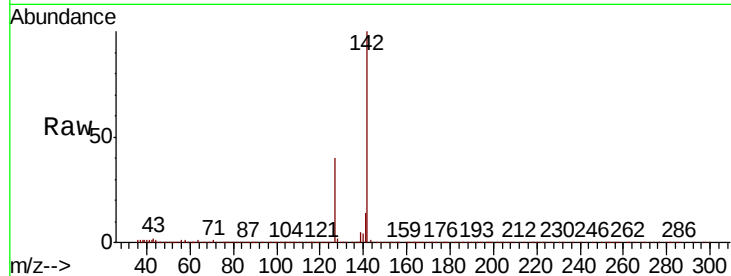




#11
Methvl Iodide
Concen: 15.780 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

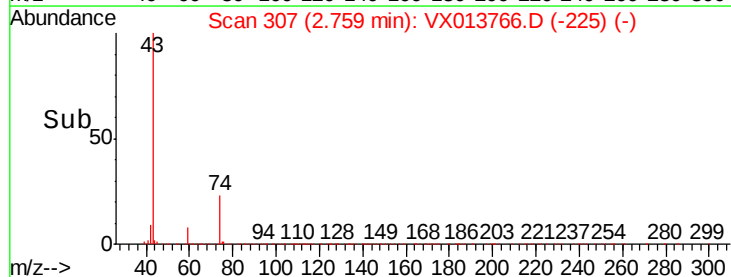
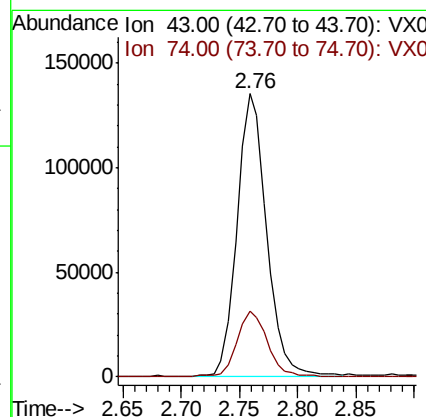
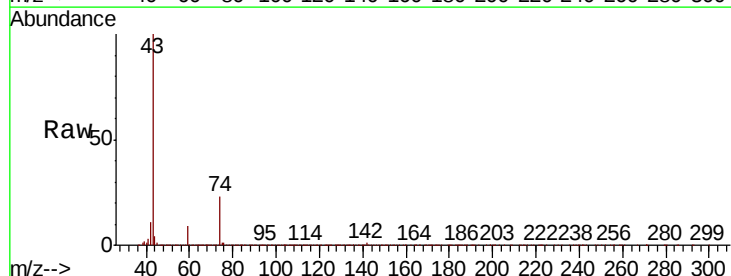
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

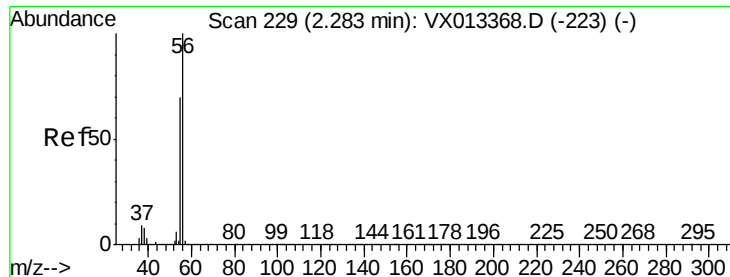
Tot Ion:142 Resp: 144194
Ion Ratio Lower Upper
142 100
127 39.6 19.1 57.5
141 14.0 7.0 21.0



#12
Methyl Acetate
Concen: 18.465 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion: 43 Resp: 239456
Ion Ratio Lower Upper
43 100
74 23.0 18.0 27.0

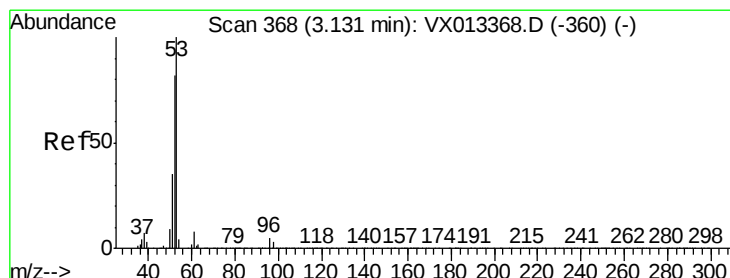
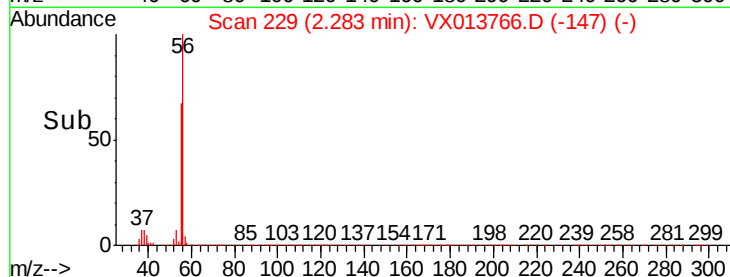
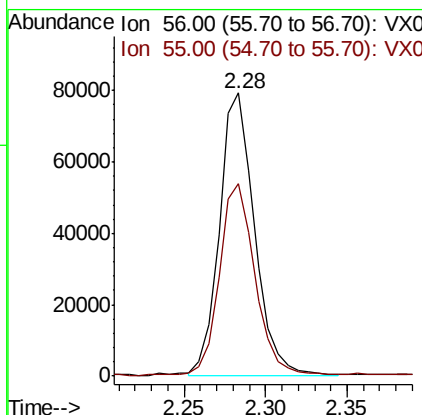
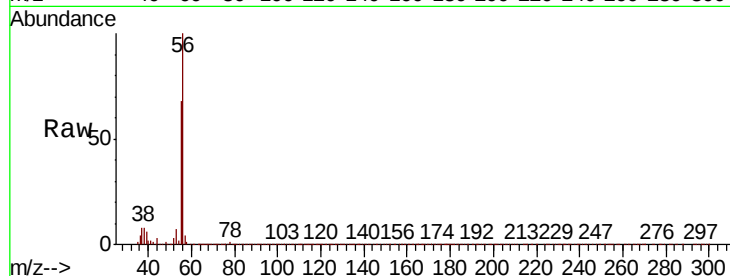




#13
Acrolein
Concen: 85.641 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

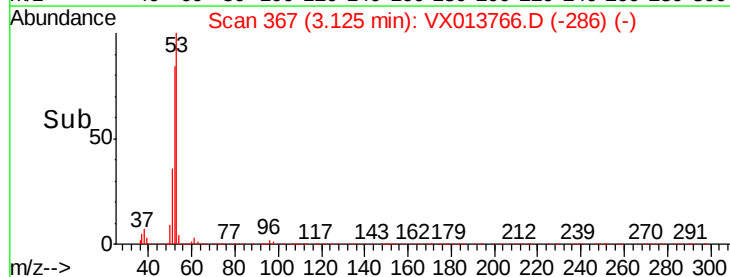
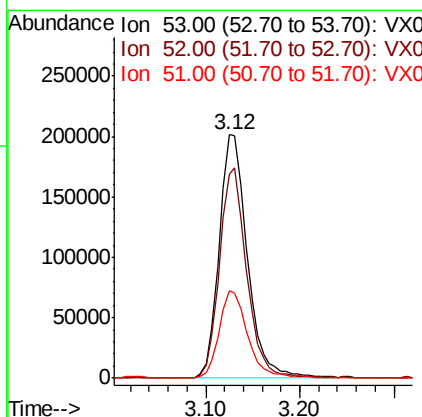
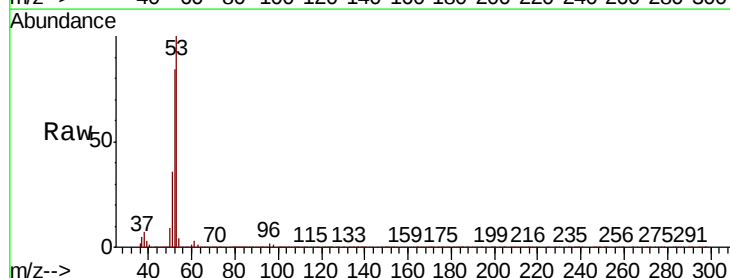
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

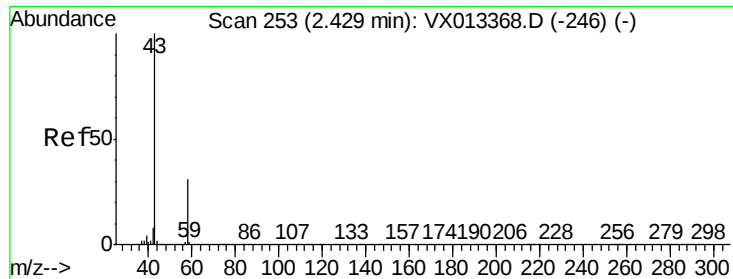
Tot Ion: 56 Resp: 117970
Ion Ratio Lower Upper
56 100
55 68.8 55.8 83.8



#14
Acrylonitrile
Concen: 87.597 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion: 53 Resp: 417722
Ion Ratio Lower Upper
53 100
52 82.4 41.0 123.0
51 35.6 17.3 51.9

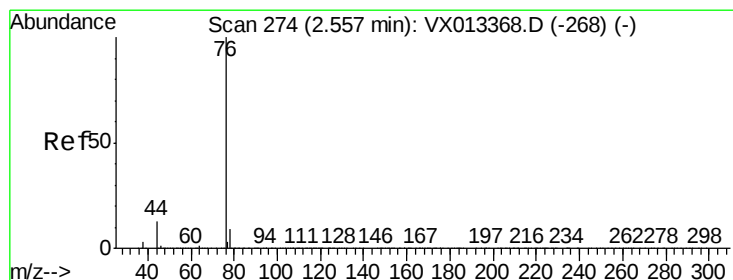
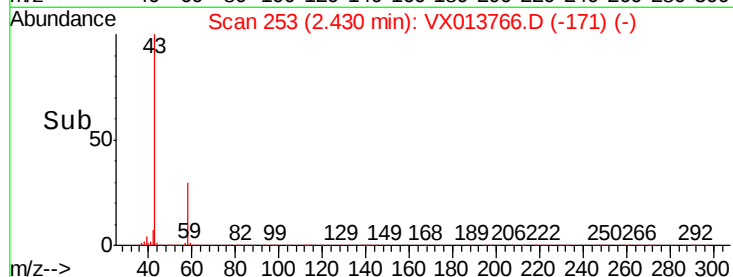
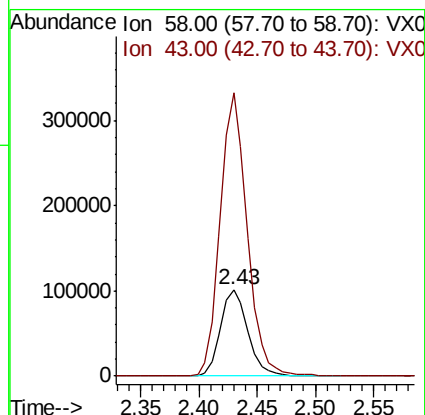
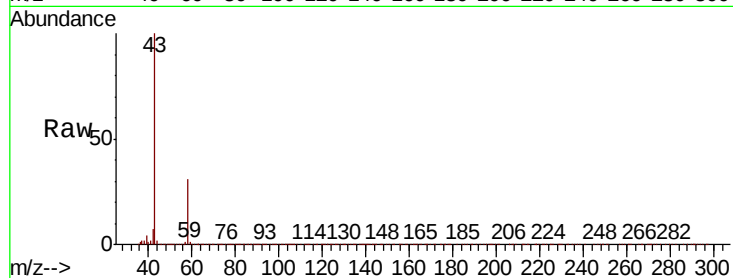




#15
Acetone
Concen: 113.811 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

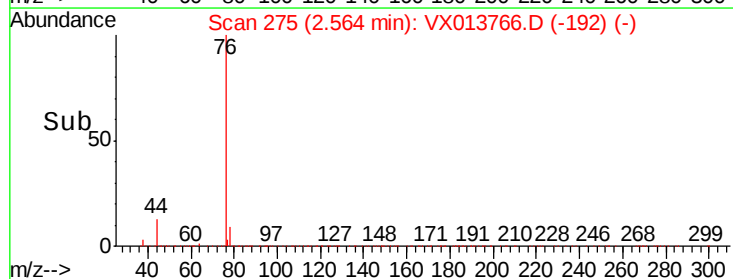
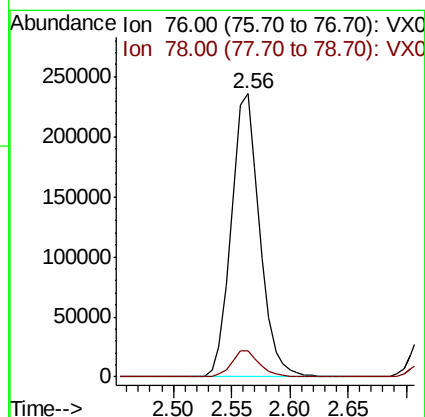
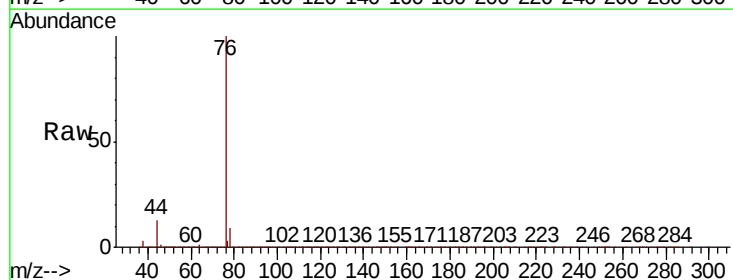
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

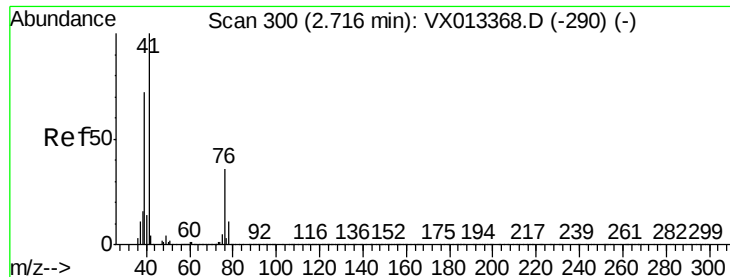
Tot Ion: 58 Resp: 164374
Ion Ratio Lower Upper
58 100
43 327.9 261.4 392.2



#16
Carbon Disulfide
Concen: 19.404 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion: 76 Resp: 400524
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

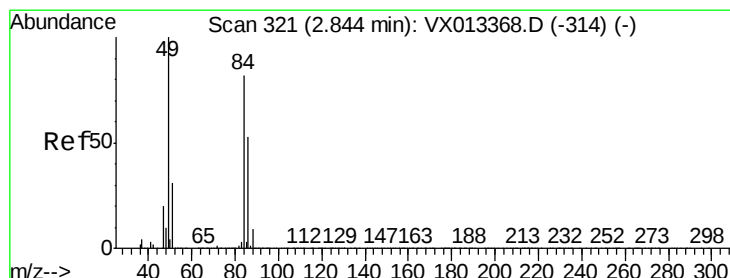
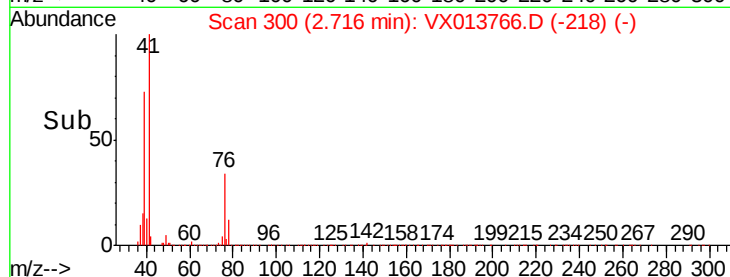
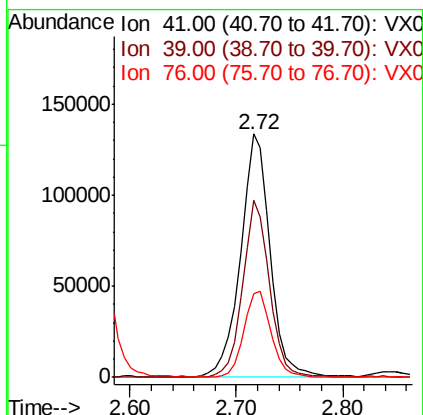
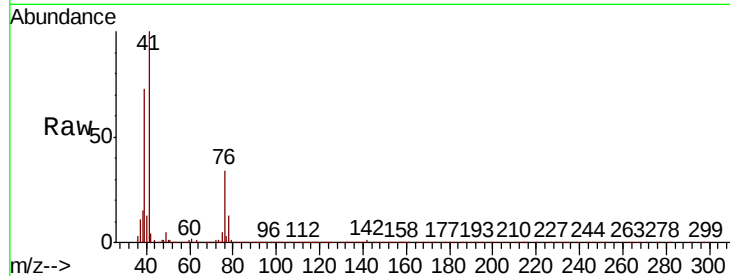




#17
Allvl chloride
Concen: 19.051 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

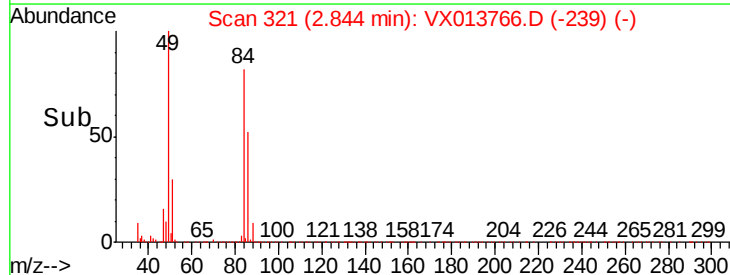
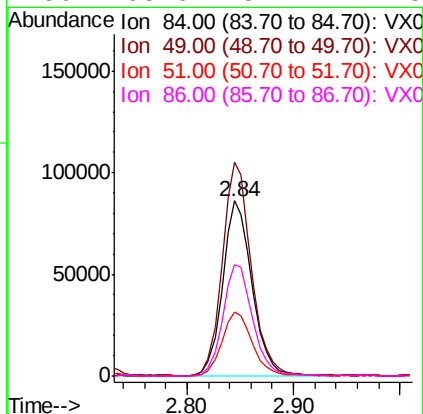
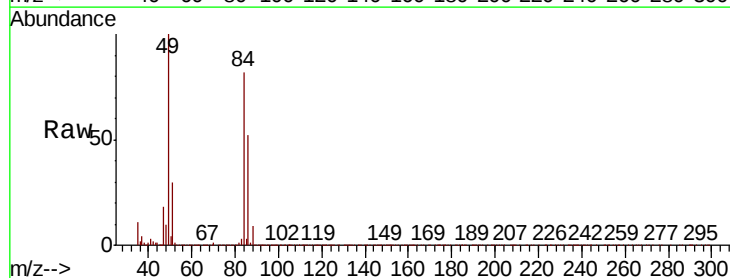
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

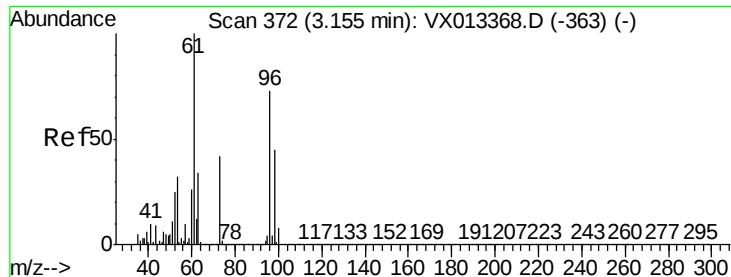
Tot Ion: 41 Resp: 259646
Ion Ratio Lower Upper
41 100
39 72.7 36.1 108.3
76 34.1 18.1 54.4



#18
Methylene Chloride
Concen: 19.593 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion: 84 Resp: 164520
Ion Ratio Lower Upper
84 100
49 122.2 96.8 145.2
51 36.4 30.0 45.0
86 63.6 51.7 77.5





#19

trans-1,2-Dichloroethene

Concen: 19.758 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

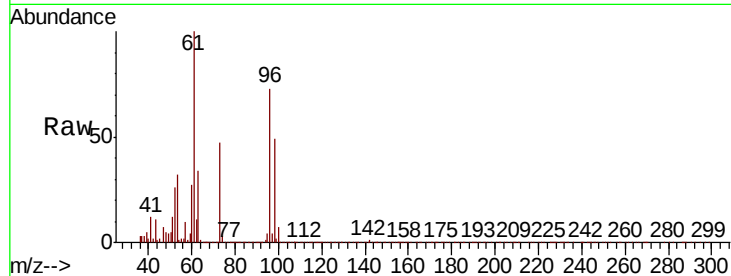
Tot Ion: 96 Resp: 156271

Ion Ratio Lower Upper

96 100

61 136.2 109.9 164.9

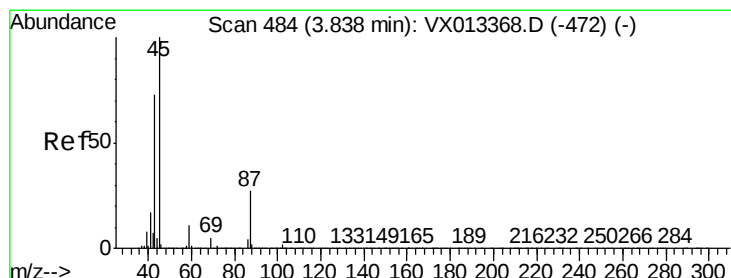
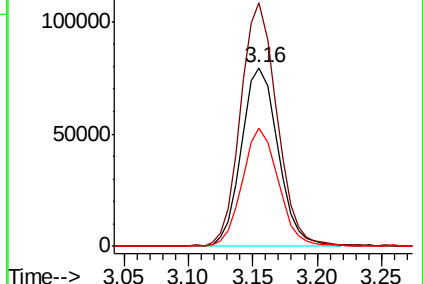
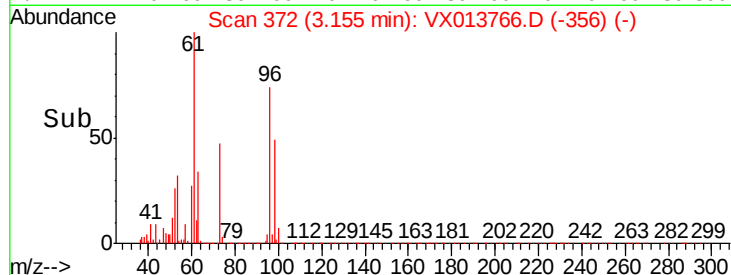
98 66.3 49.7 74.5



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



#20

Diisopropyl ether

Concen: 19.796 ug/l

RT: 3.84 min Scan# 484

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Tgt Ion: 45 Resp: 519051

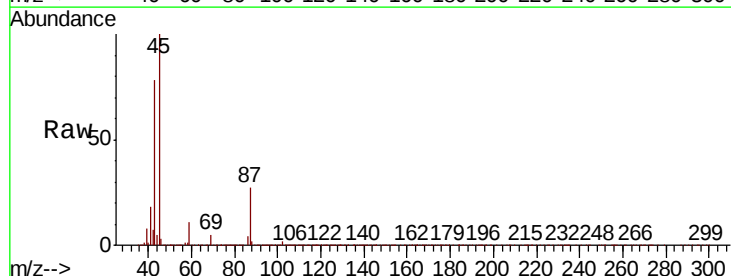
Ion Ratio Lower Upper

45 100

43 76.3 67.7 101.5

87 26.7 21.5 32.3

59 11.1 8.5 12.7

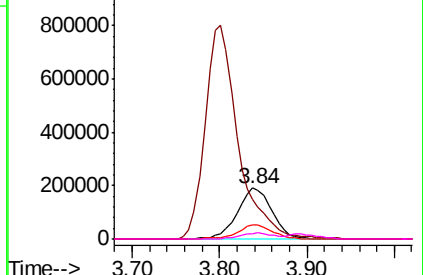
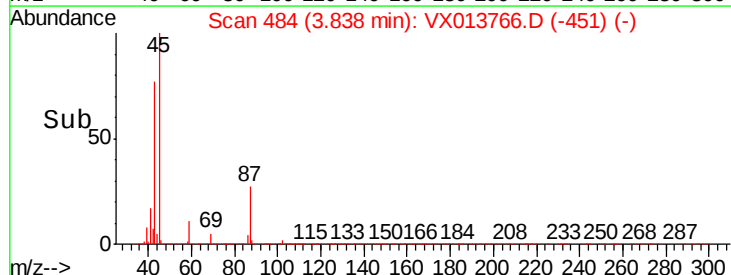


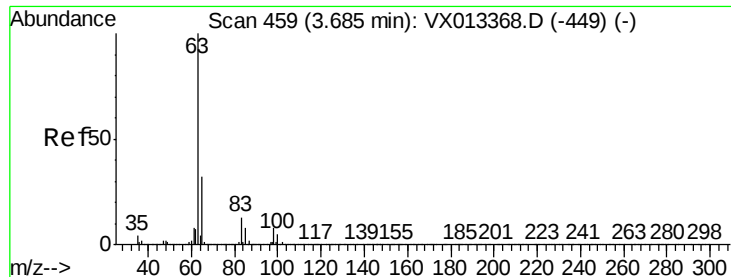
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.699 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

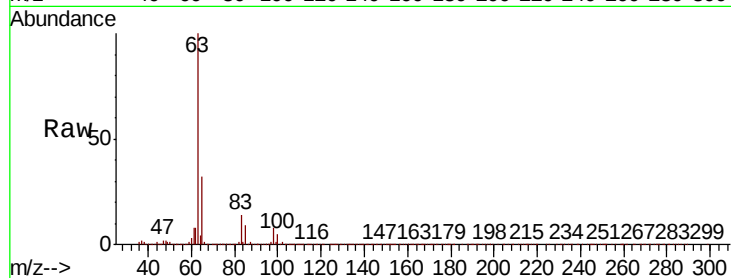
Tot Ion: 63 Resp: 281321

Ion Ratio Lower Upper

63 100

98 7.8 4.0 11.9

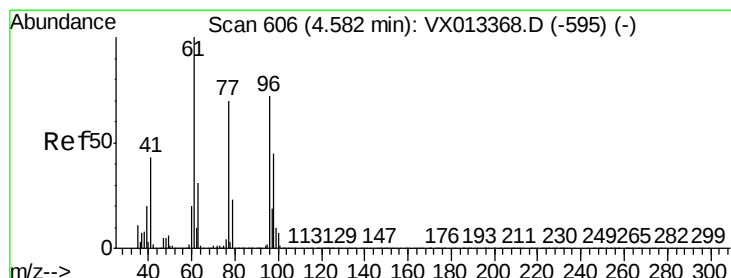
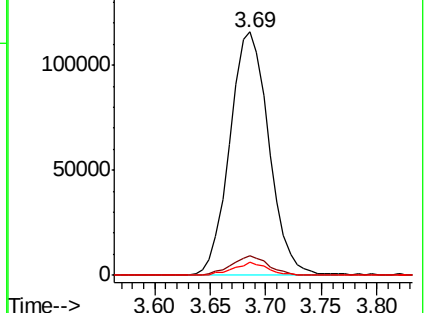
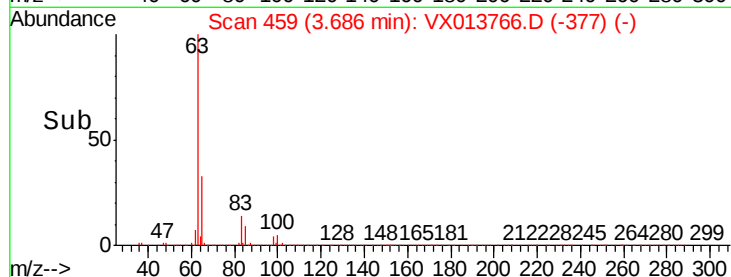
100 5.1 2.5 7.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.590 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

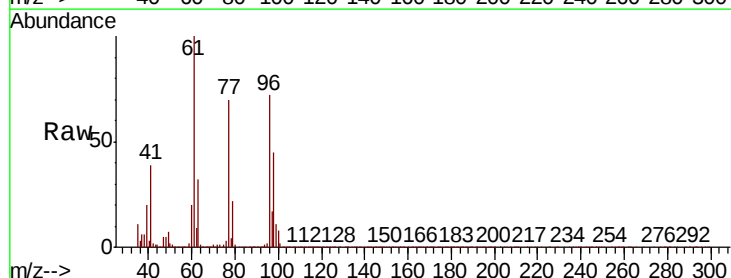
Tgt Ion: 96 Resp: 176652

Ion Ratio Lower Upper

96 100

61 146.2 117.0 175.6

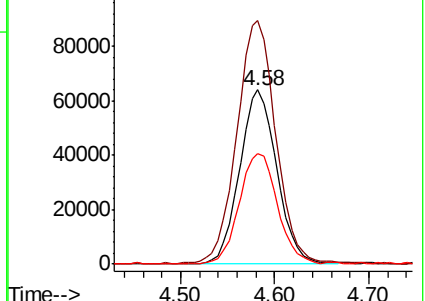
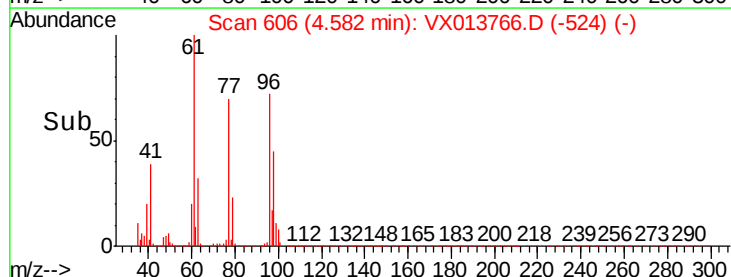
98 65.2 51.1 76.7

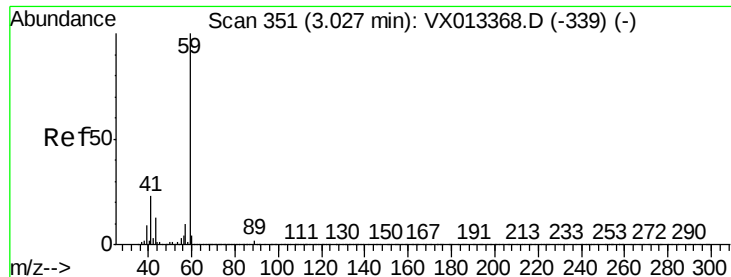


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 81.305 ug/l

RT: 3.03 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

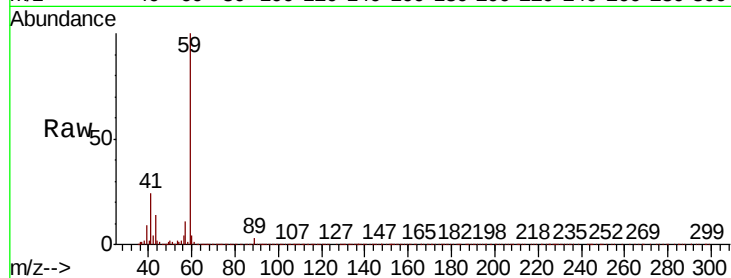
VSTDCCC020

Tot Ion: 59 Resp: 186588

Ion Ratio Lower Upper

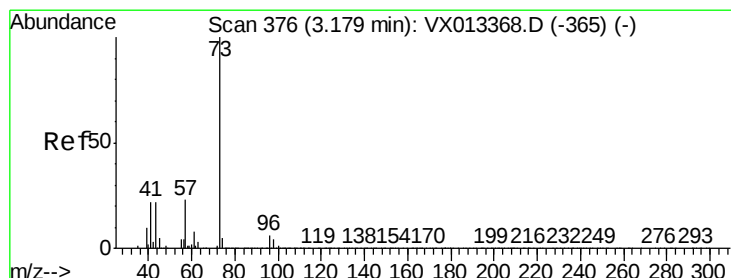
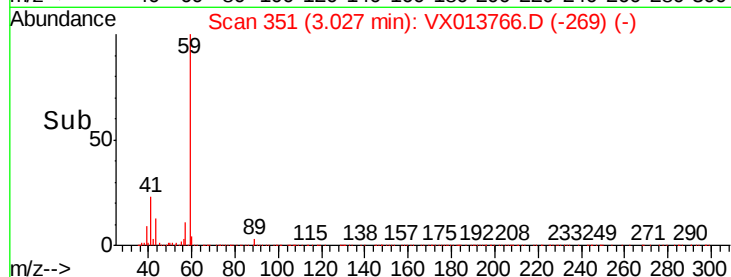
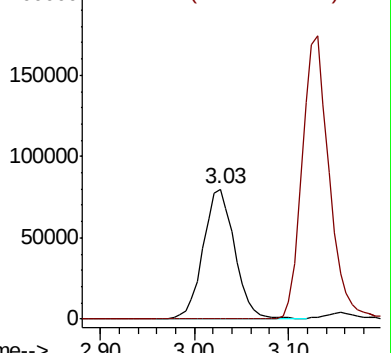
59 100

52 0.3 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 19.819 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX013766.D

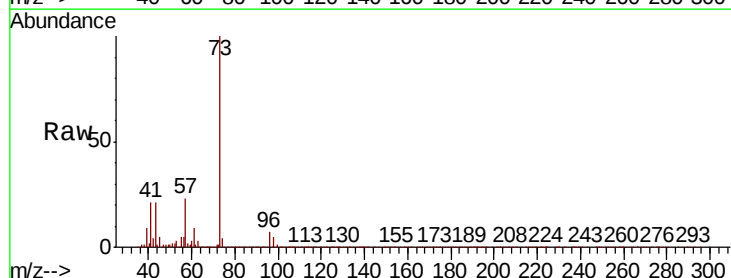
Acq: 05 Dec 2019 10:27

Tgt Ion: 73 Resp: 485437

Ion Ratio Lower Upper

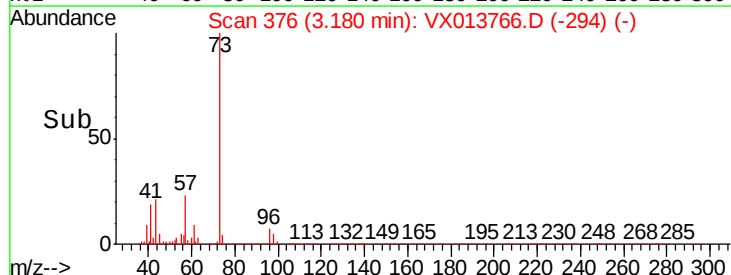
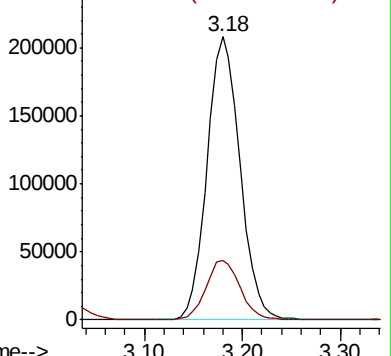
73 100

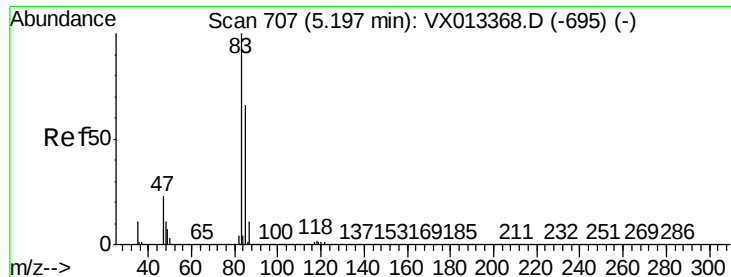
43 21.3 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 19.702 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

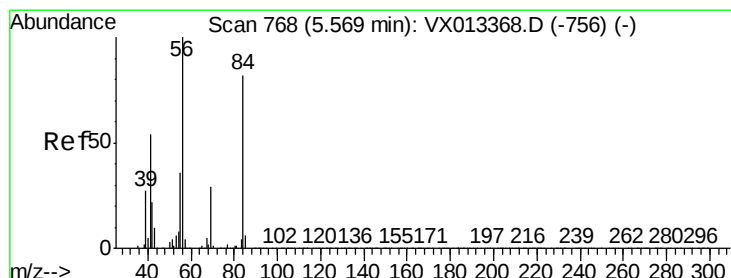
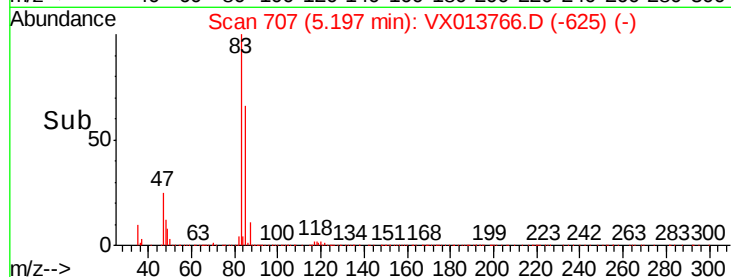
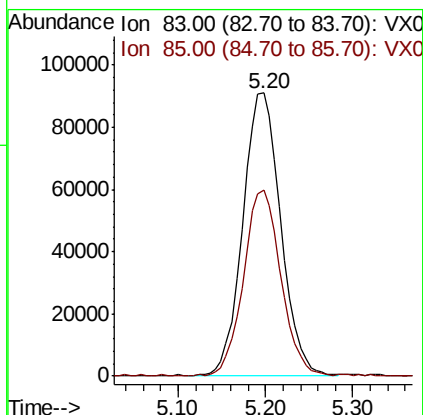
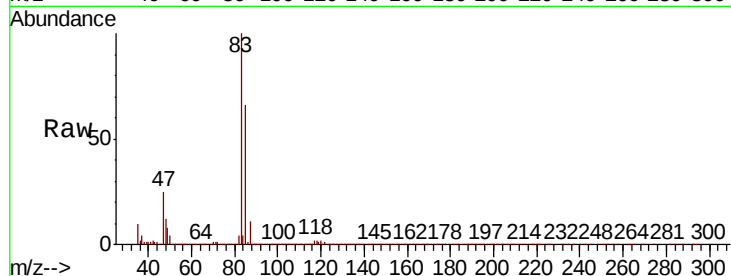
VSTDCCC020

Tot Ion: 83 Resp: 275411

Ion Ratio Lower Upper

83 100

85 65.5 52.4 78.6



#26

Cyclohexane

Concen: 19.525 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

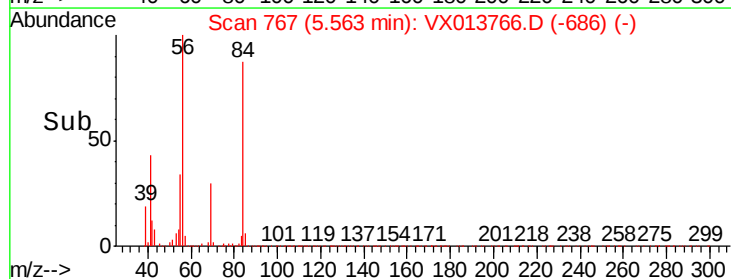
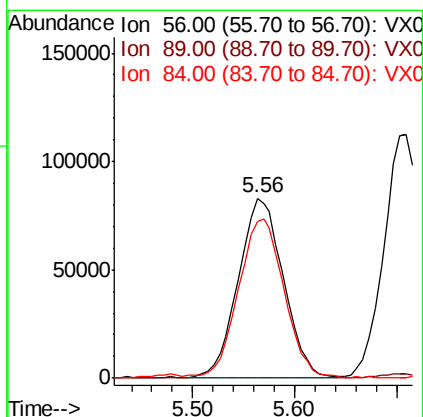
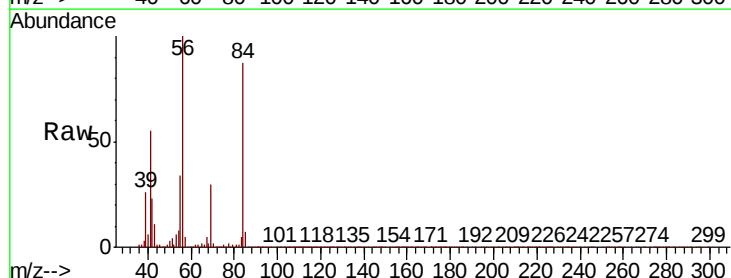
Tgt Ion: 56 Resp: 253224

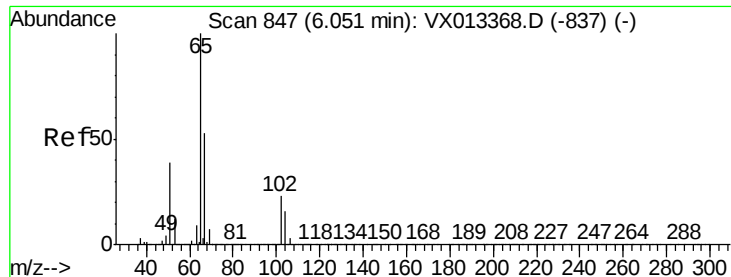
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 89.9 70.5 105.7





#27

1,2-Dichloroethane-d4

Concen: 28.434 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

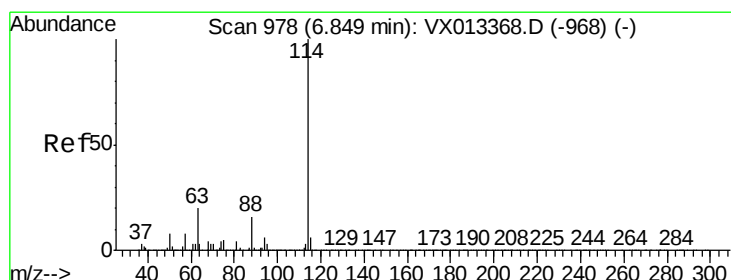
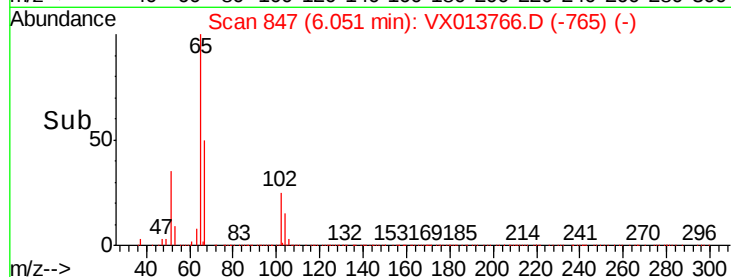
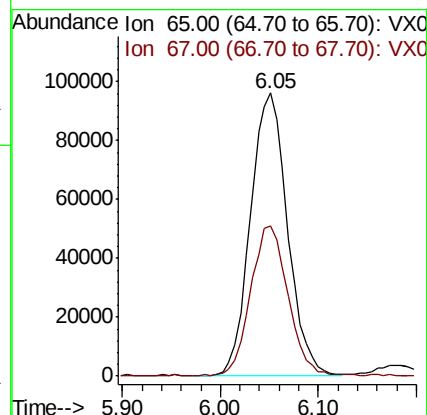
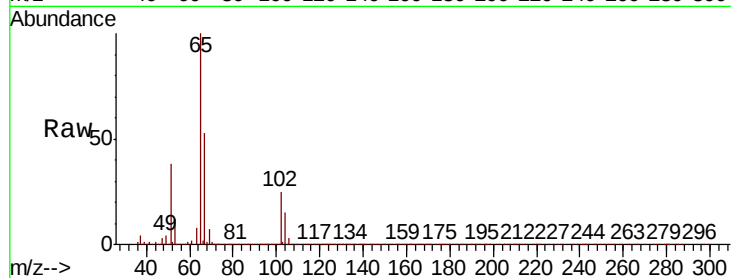
VSTDCCC020

Tot Ion: 65 Resp: 251595

Ion Ratio Lower Upper

65 100

67 53.0 41.0 61.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

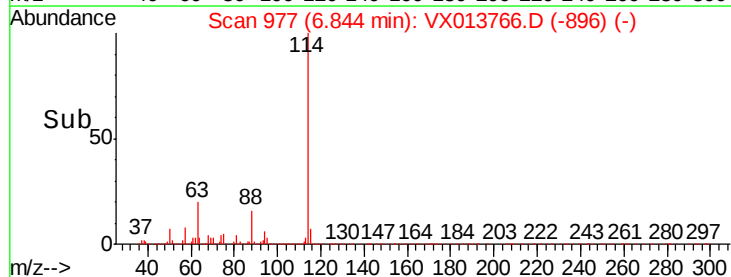
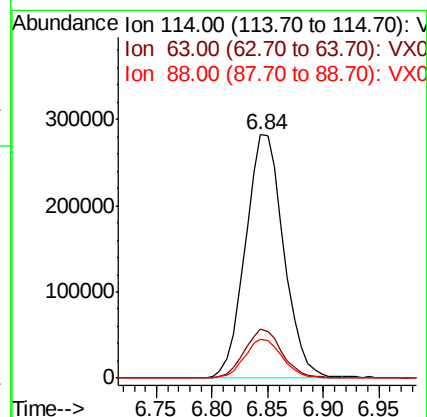
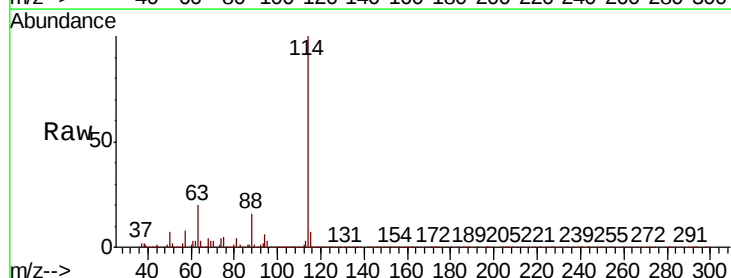
Tgt Ion: 114 Resp: 675275

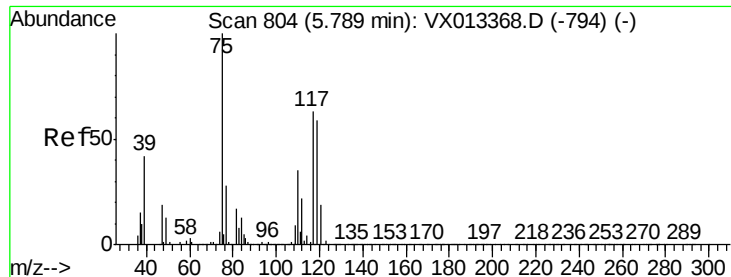
Ion Ratio Lower Upper

114 100

63 19.5 16.1 24.1

88 15.6 12.3 18.5





#29

1,1-Dichloropropene

Concen: 20.543 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

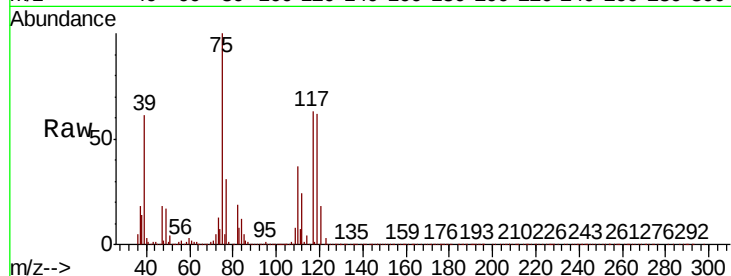
Tot Ion: 75 Resp: 211884

Ion Ratio Lower Upper

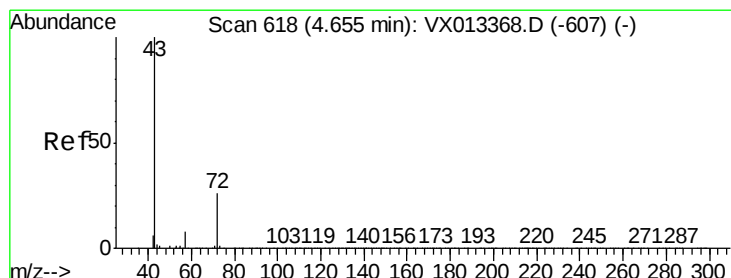
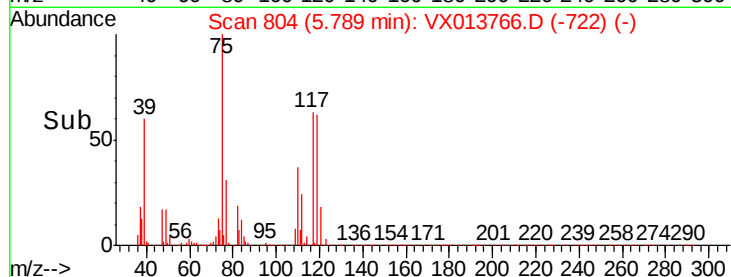
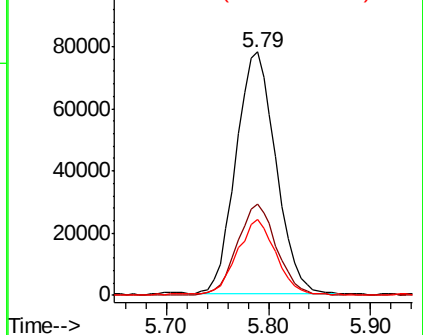
75 100

110 37.4 0.0 74.6

77 30.1 0.0 62.6



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 110.00 (109.70 to 110.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 96.666 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

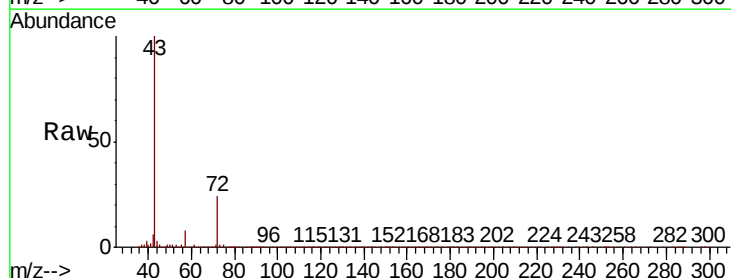
Tgt Ion: 43 Resp: 658087

Ion Ratio Lower Upper

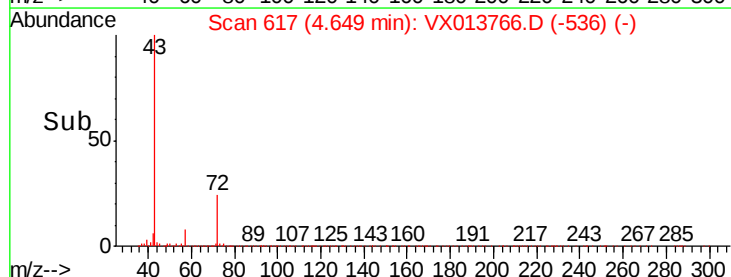
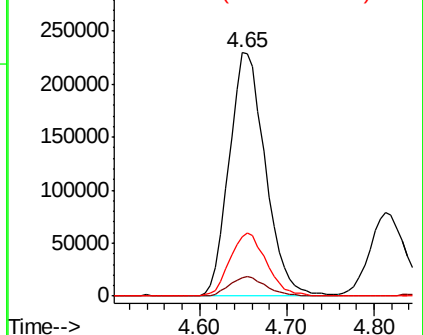
43 100

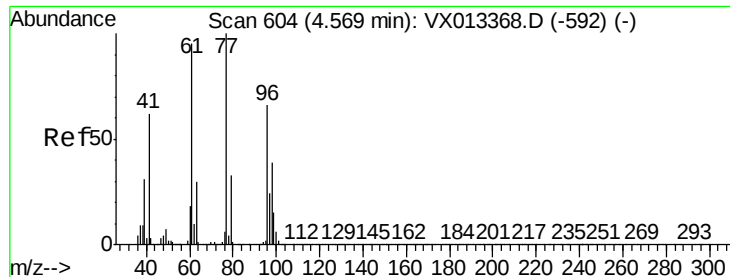
57 7.8 6.1 9.1

72 25.4 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 21.086 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

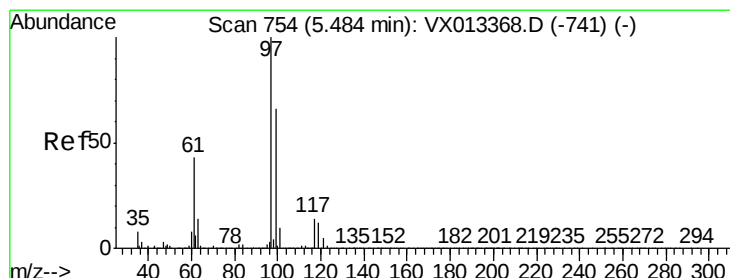
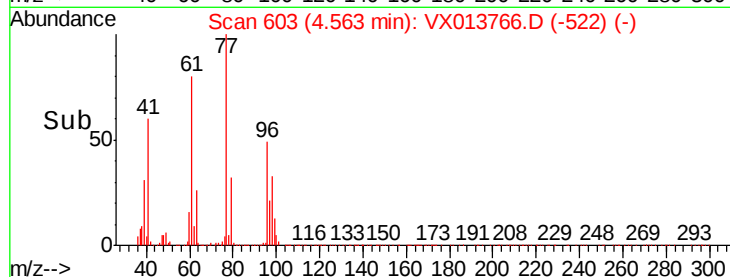
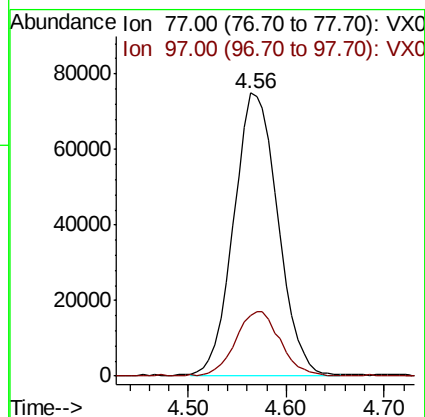
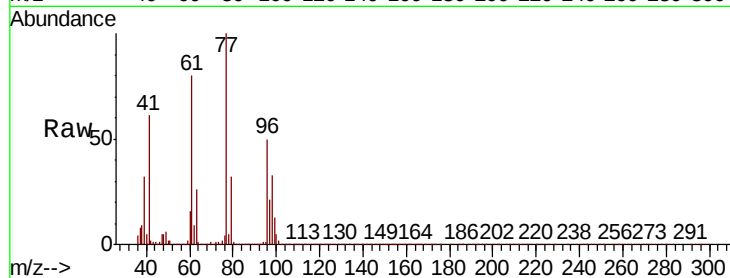
VSTDCCC020

Tot Ion: 77 Resp: 235536

Ion Ratio Lower Upper

77 100

97 22.9 19.2 28.8



#32

1,1,1-Trichloroethane

Concen: 20.543 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

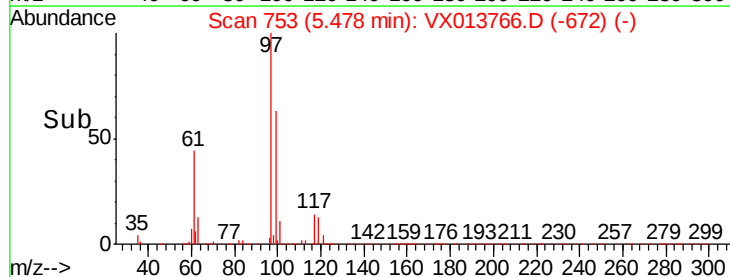
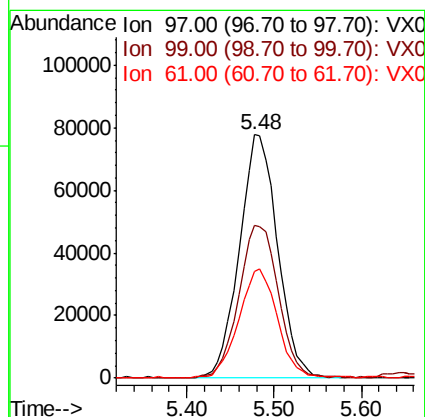
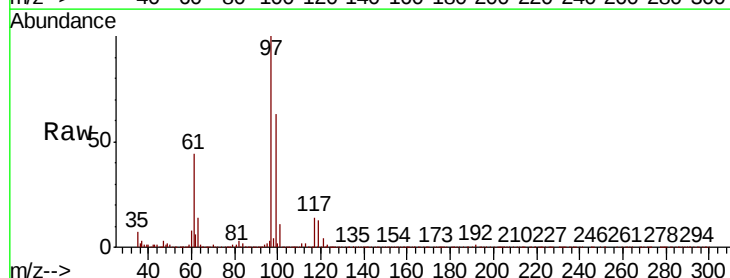
Tgt Ion: 97 Resp: 235503

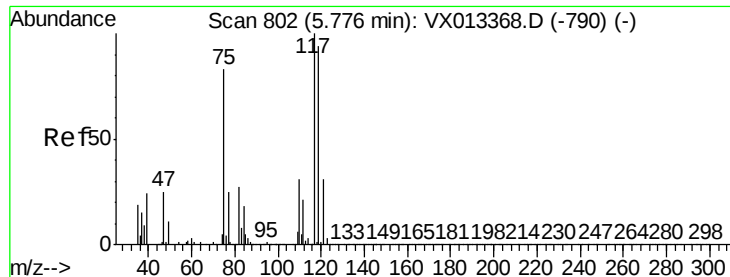
Ion Ratio Lower Upper

97 100

99 65.4 52.5 78.7

61 44.6 36.1 54.1





#33

Carbon Tetrachloride

Concen: 20.532 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

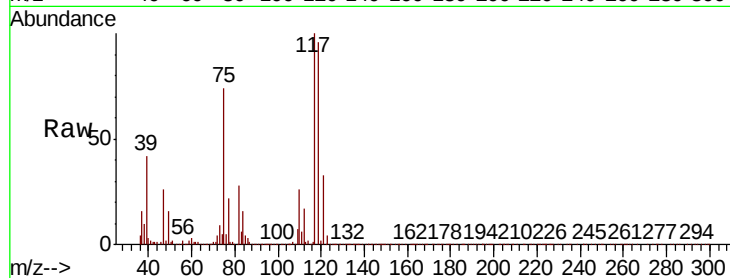
Tot Ion:117 Resp: 204445

Ion Ratio Lower Upper

117 100

119 95.3 75.0 112.6

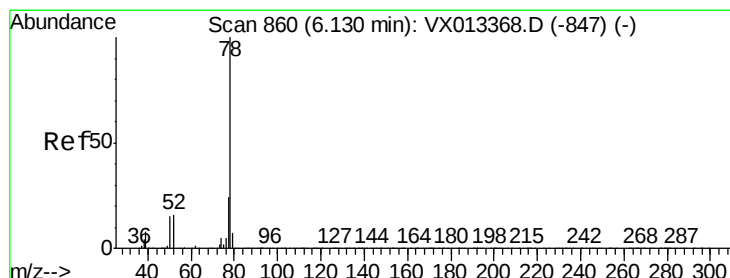
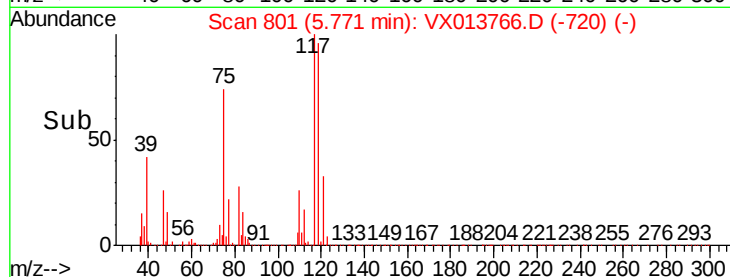
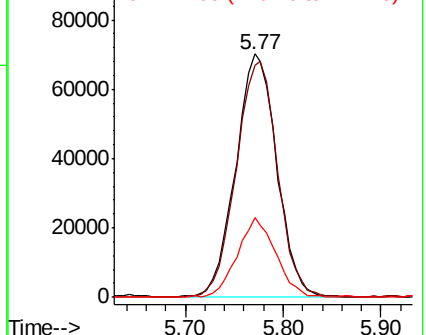
121 32.7 24.9 37.3



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 20.413 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

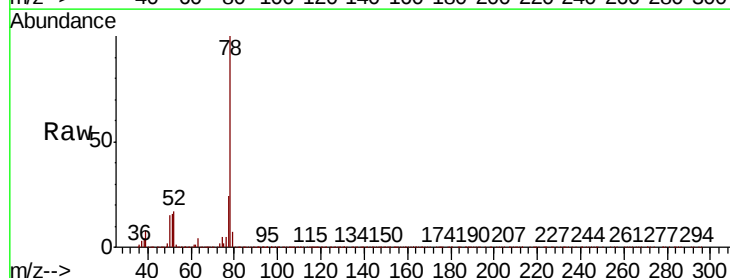
Tgt Ion: 78 Resp: 638599

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9

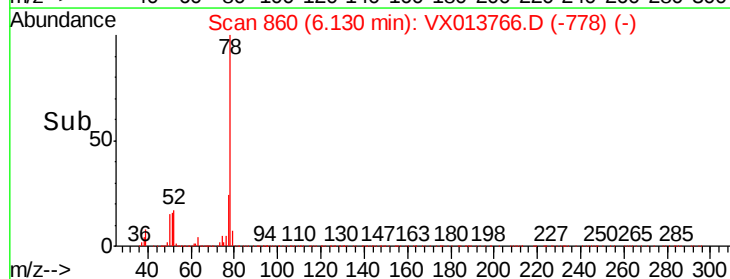
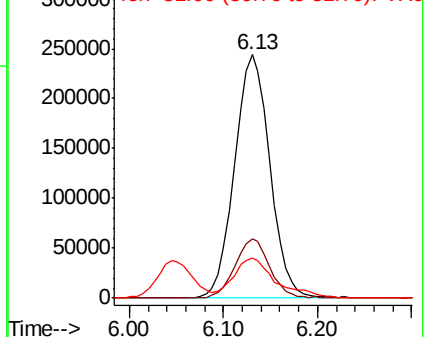
51 16.1 12.2 18.4

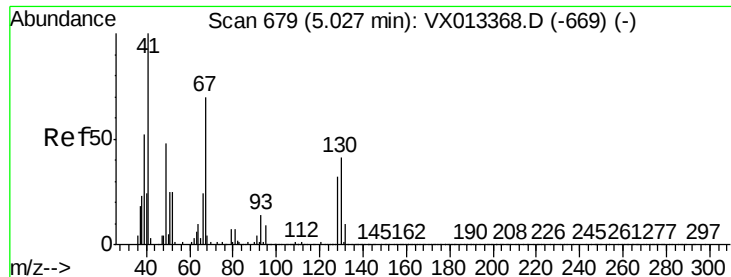


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

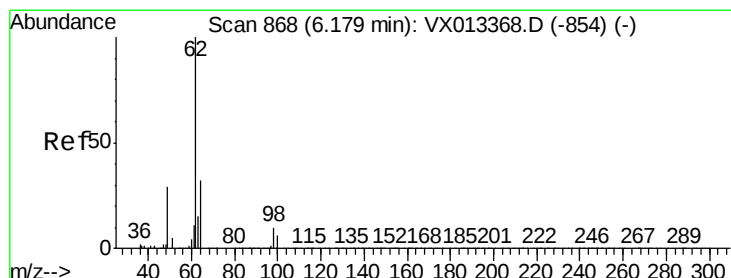
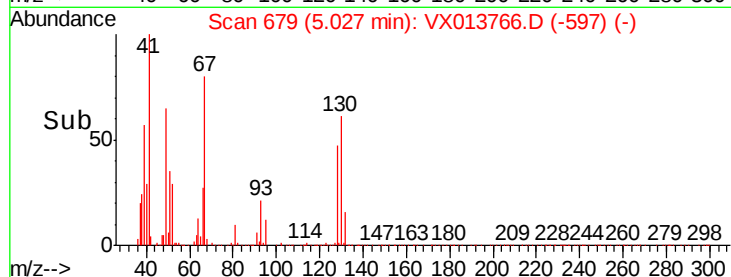
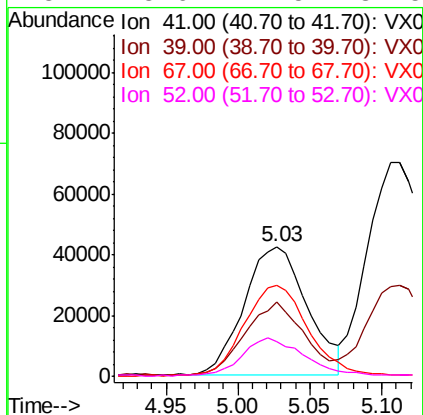
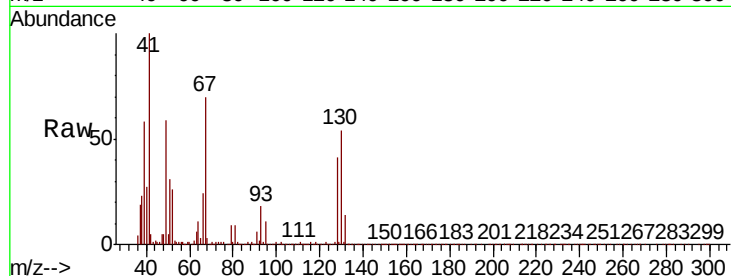




#35
Methacrylonitrile
Concen: 18.863 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

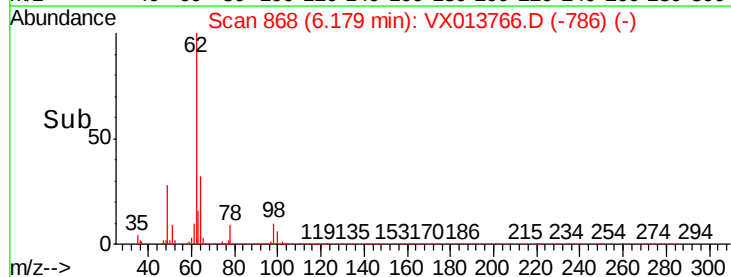
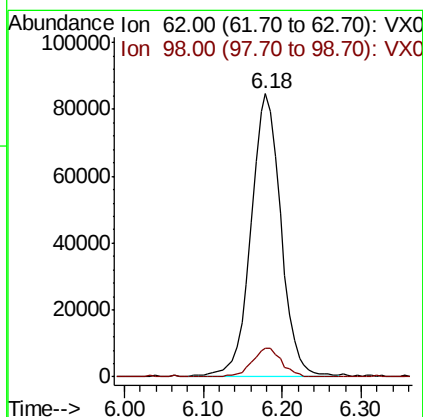
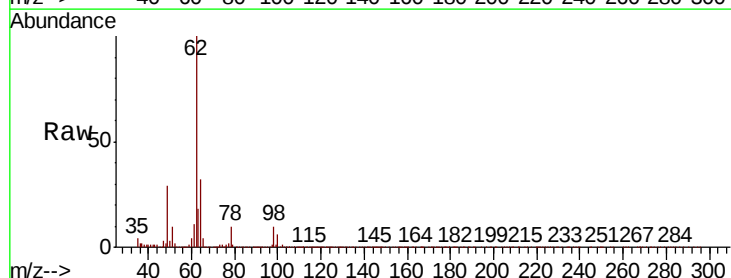
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

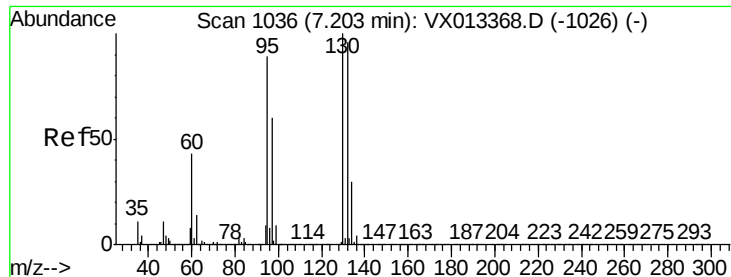
Tot Ion:	41	Resp:	128242
Ion	Ratio	Lower	Upper
41	100		
39	56.9	25.9	77.8
67	69.2	35.1	105.5
52	25.6	12.5	37.5



#36
1,2-Dichloroethane
Concen: 20.493 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion:	62	Resp:	224402
Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.2	12.2





#37

Trichloroethene

Concen: 21.192 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

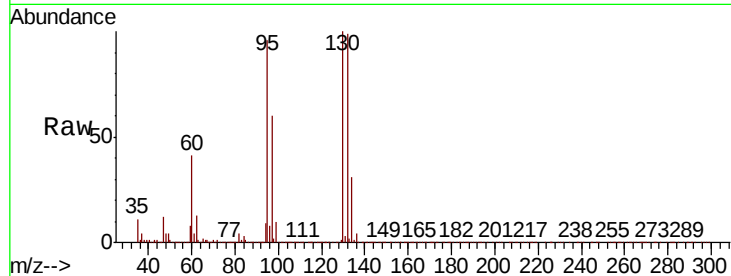
VSTDCCC020

Tot Ion:130 Resp: 177612

Ion Ratio Lower Upper

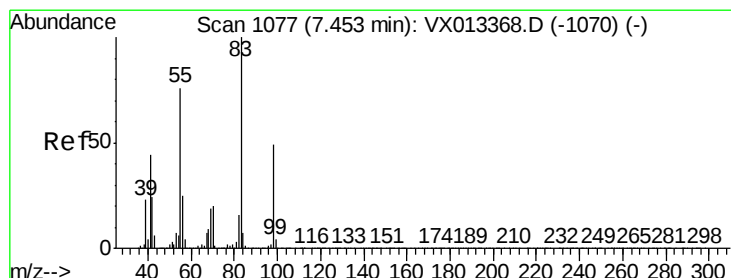
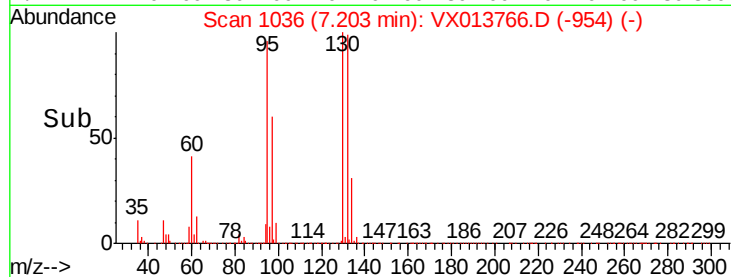
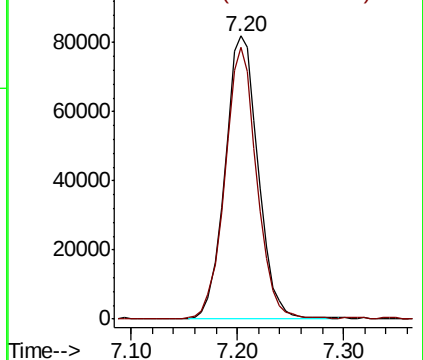
130 100

95 95.6 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 21.081 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

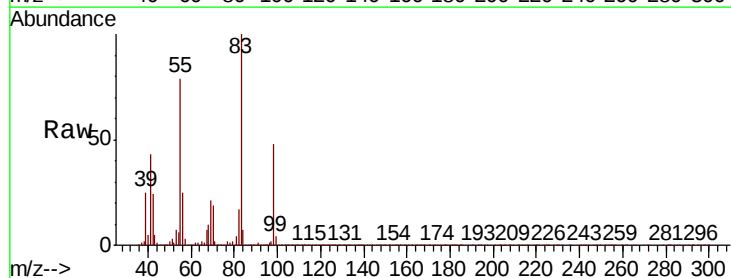
Tgt Ion: 83 Resp: 266602

Ion Ratio Lower Upper

83 100

55 77.6 37.9 113.7

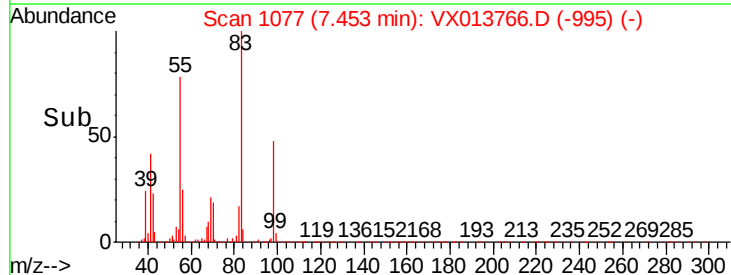
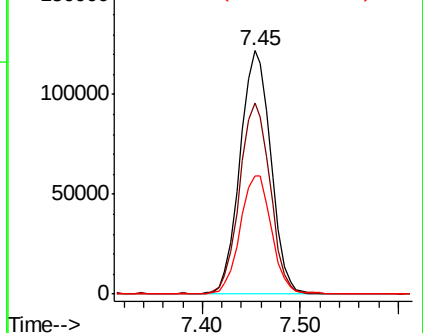
98 49.8 25.1 75.3

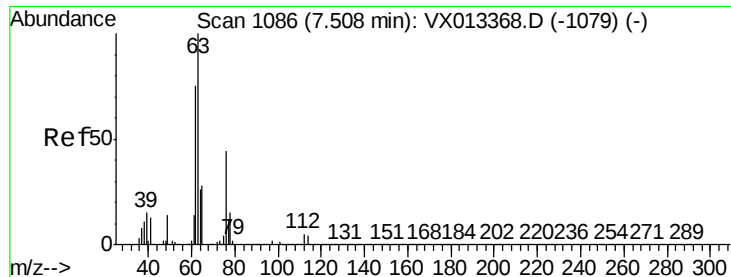


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 20.033 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

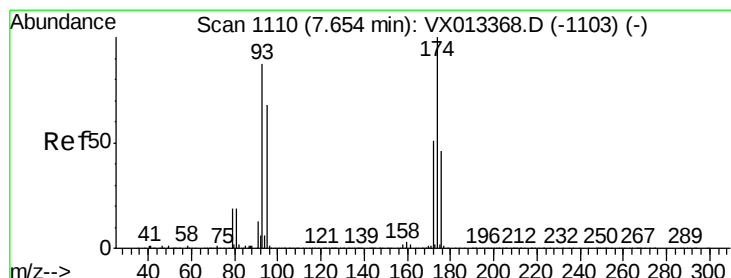
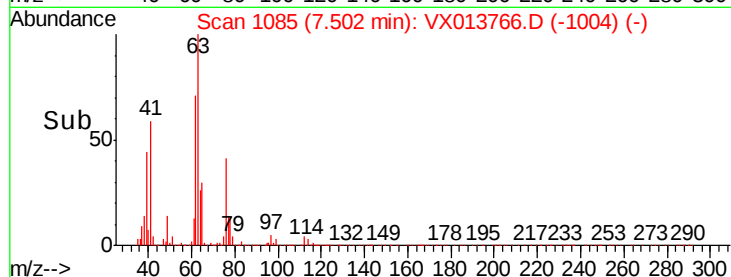
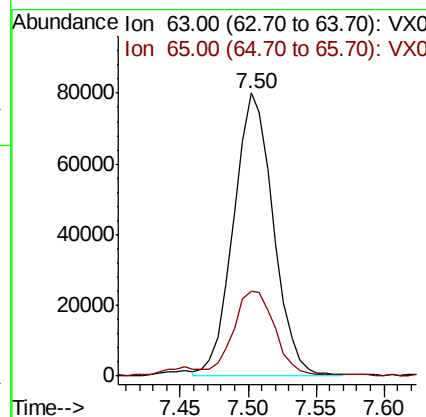
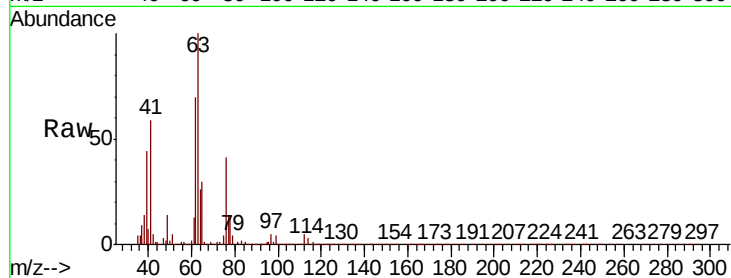
VSTDCCC020

Tot Ion: 63 Resp: 162052

Ion Ratio Lower Upper

63 100

65 29.7 23.8 35.8



#40

Dibromomethane

Concen: 20.103 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

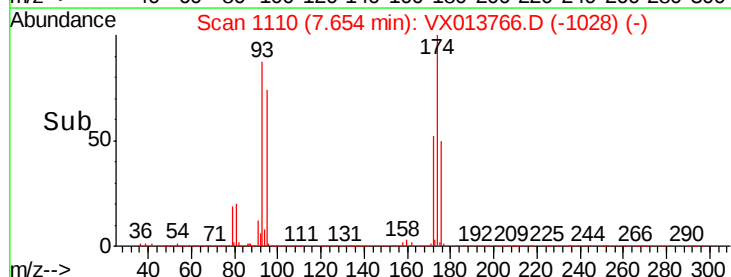
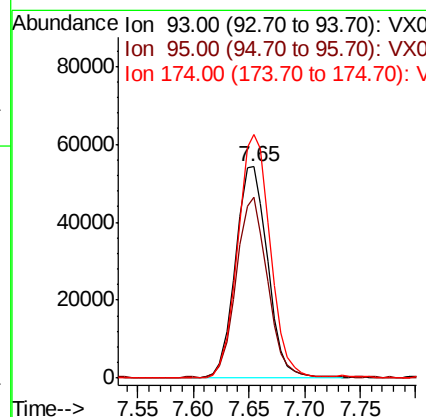
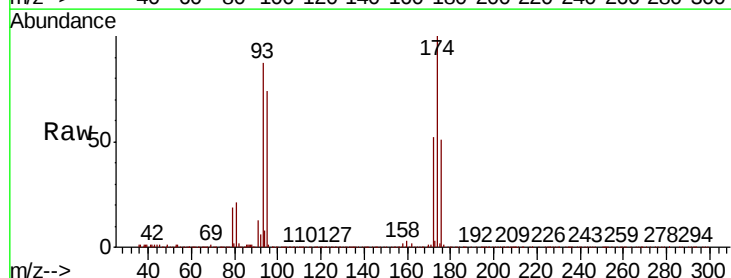
Tgt Ion: 93 Resp: 108221

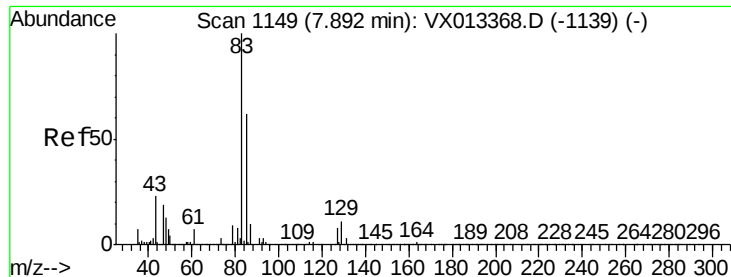
Ion Ratio Lower Upper

93 100

95 82.9 0.0 160.8

174 115.6 0.0 228.8





#41

Bromodichloromethane

Concen: 20.422 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

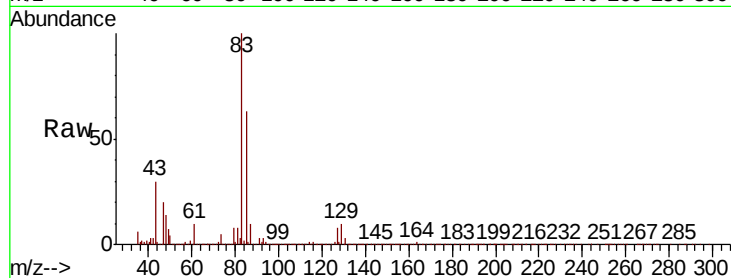
Tot Ion: 83 Resp: 214615

Ion Ratio Lower Upper

83 100

85 62.4 49.3 73.9

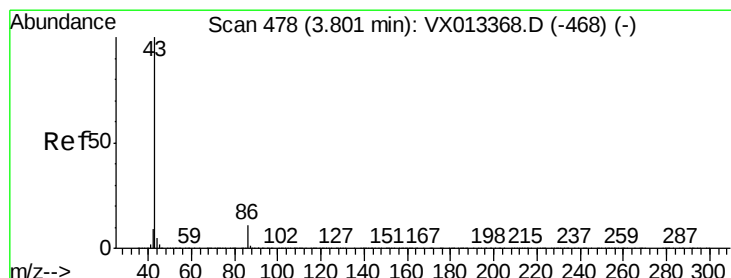
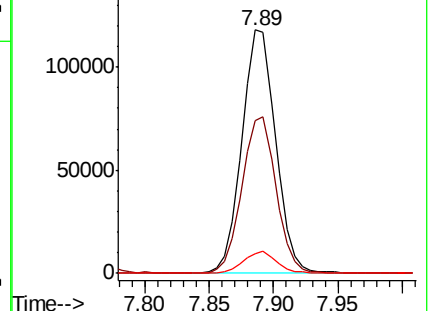
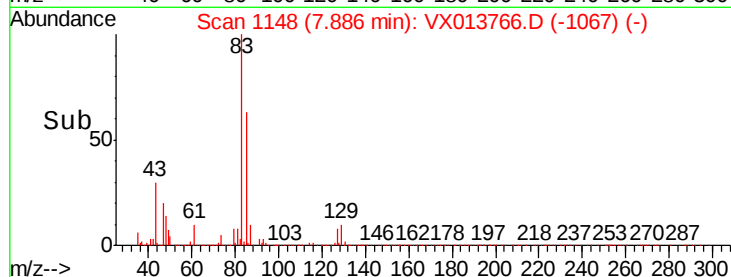
127 8.0 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 97.839 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013766.D

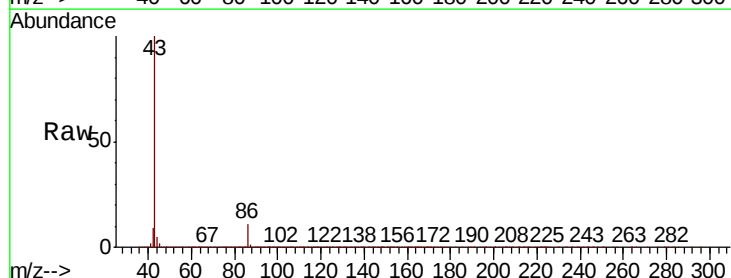
Acq: 05 Dec 2019 10:27

Tgt Ion: 43 Resp: 2097051

Ion Ratio Lower Upper

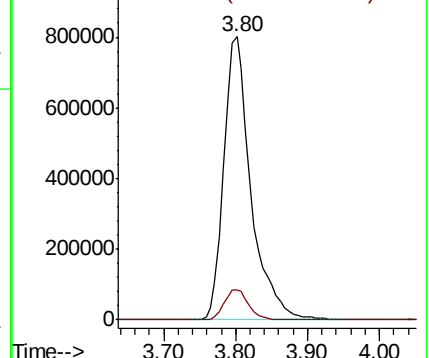
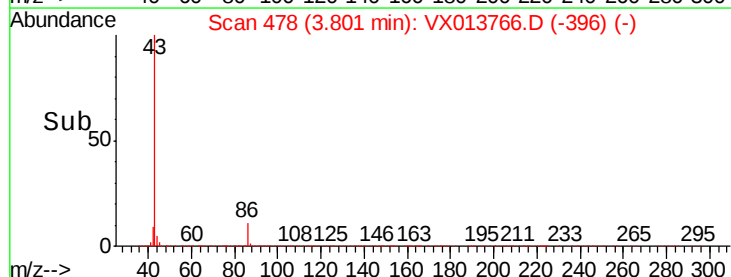
43 100

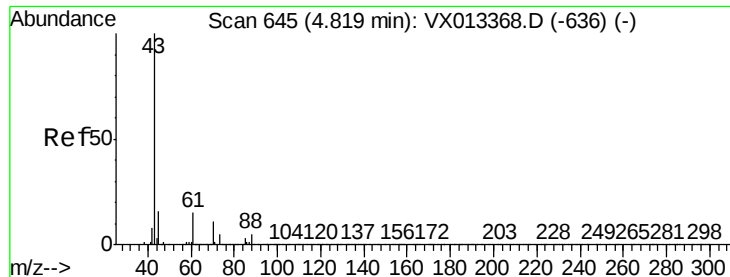
86 9.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 18.624 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

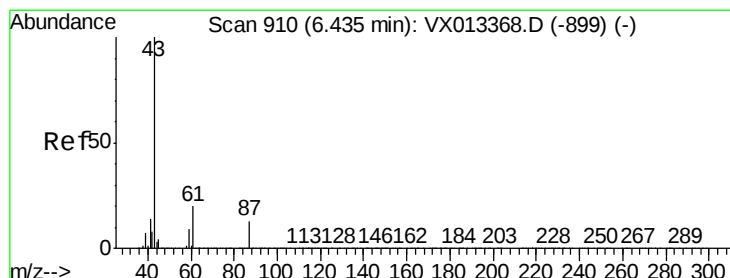
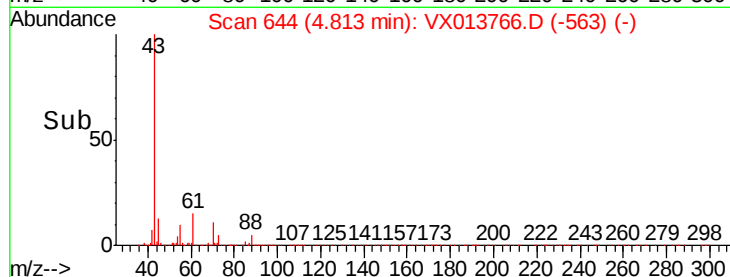
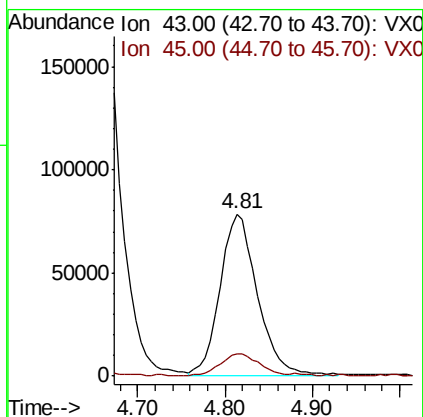
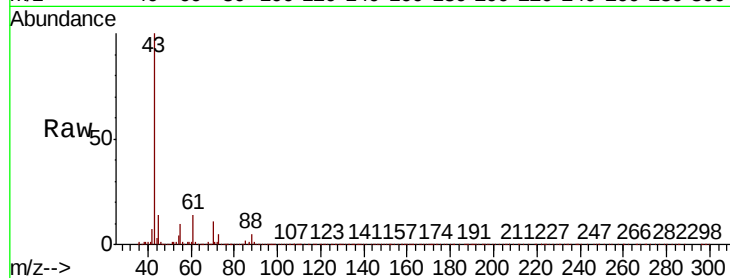
VSTDCCC020

Tot Ion: 43 Resp: 231243

Ion Ratio Lower Upper

43 100

45 14.0 10.9 16.3



#44

Isopropyl Acetate

Concen: 18.782 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013766.D

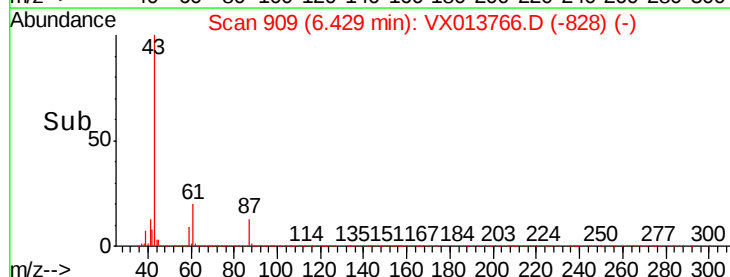
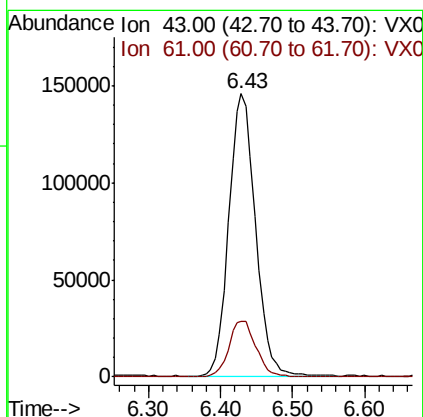
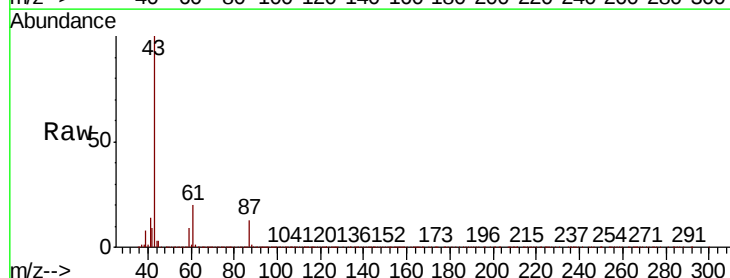
Acq: 05 Dec 2019 10:27

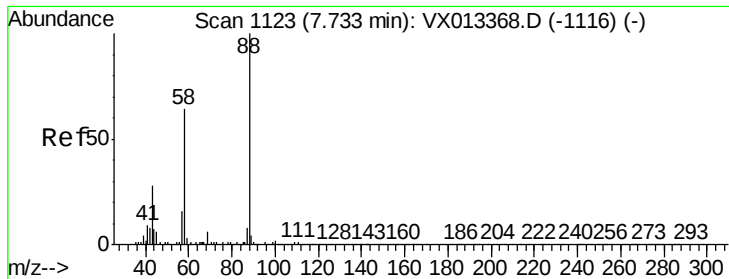
Tgt Ion: 43 Resp: 374866

Ion Ratio Lower Upper

43 100

61 19.9 15.8 23.8

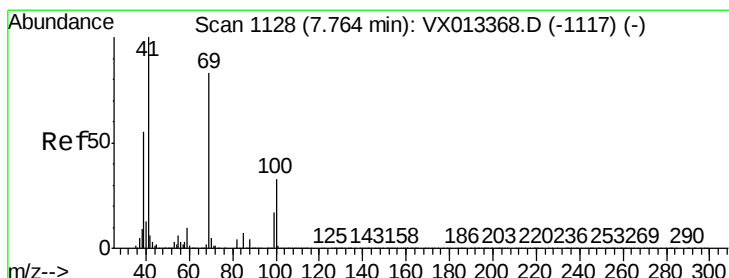
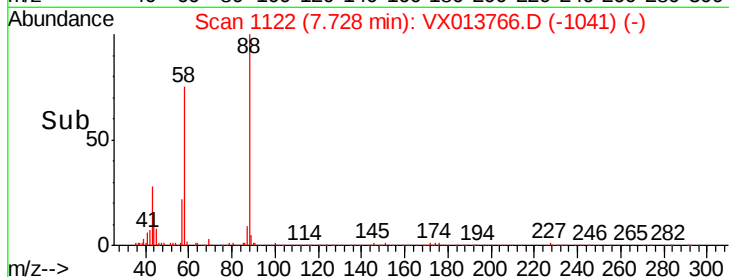
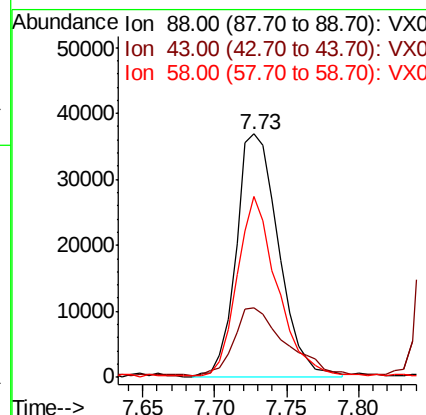
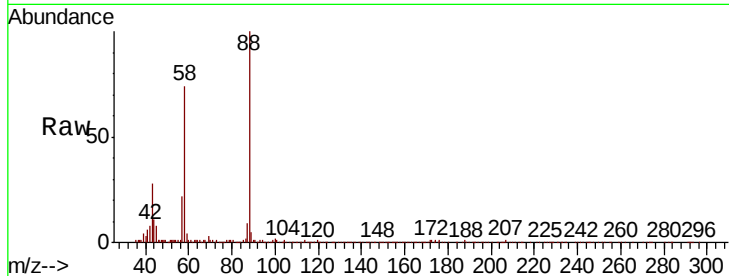




#45
 1,4-Dioxane
 Concen: 340.406 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

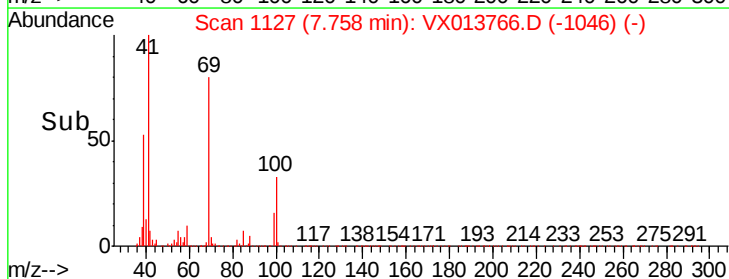
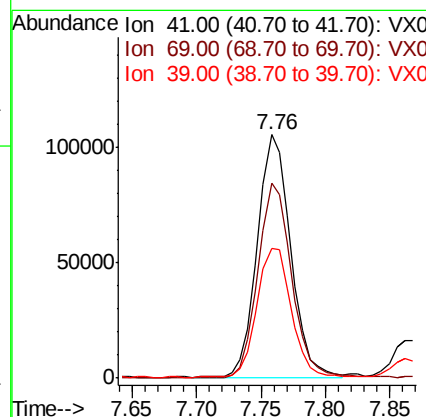
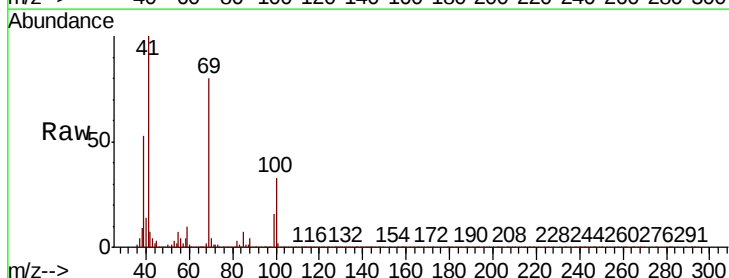
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

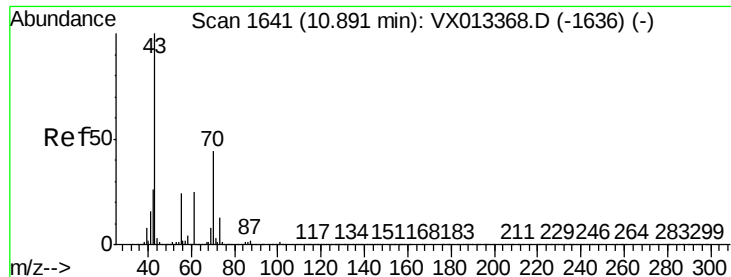
Tot Ion: 88 Resp: 75011
 Ion Ratio Lower Upper
 88 100
 43 34.4 26.1 39.1
 58 70.1 55.8 83.8



#46
 Methyl methacrylate
 Concen: 18.942 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion: 41 Resp: 188059
 Ion Ratio Lower Upper
 41 100
 69 80.3 41.4 124.4
 39 53.4 27.9 83.6

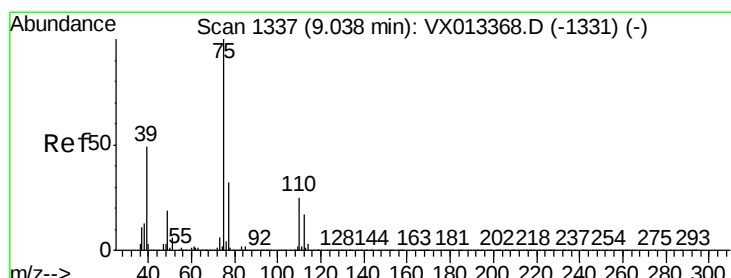
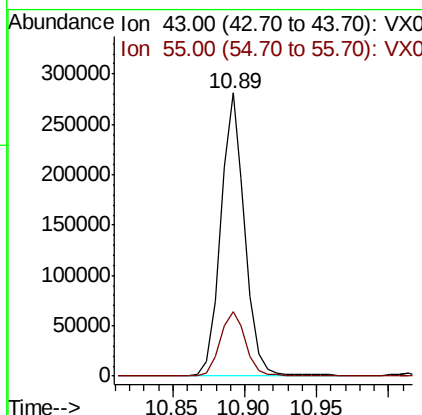
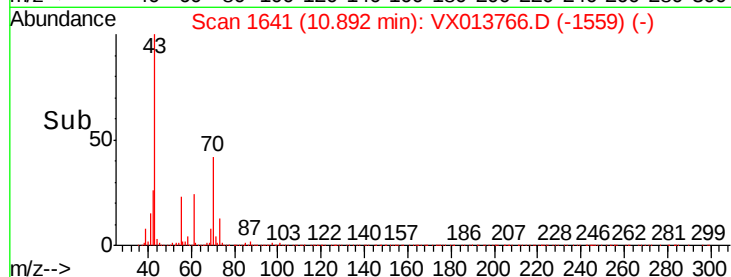
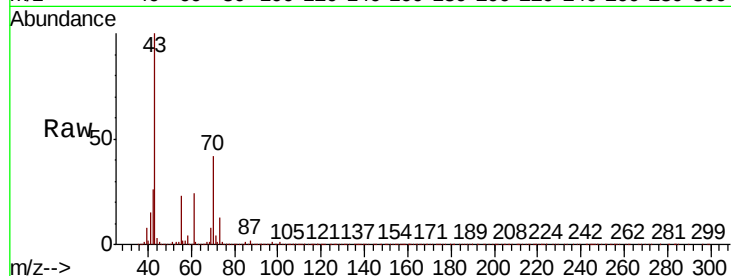




#47
n-amvl Acetate
Concen: 18.655 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

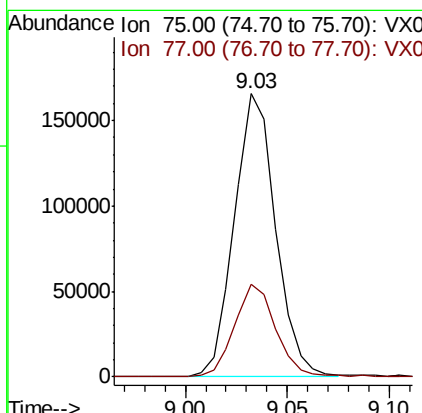
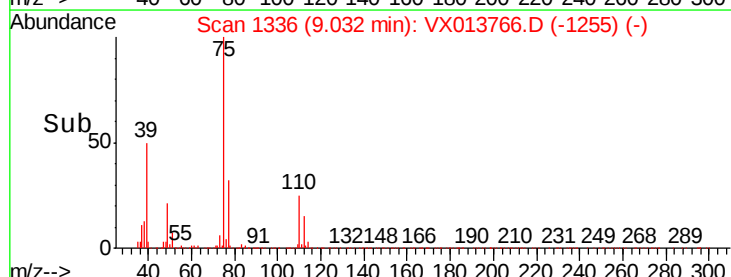
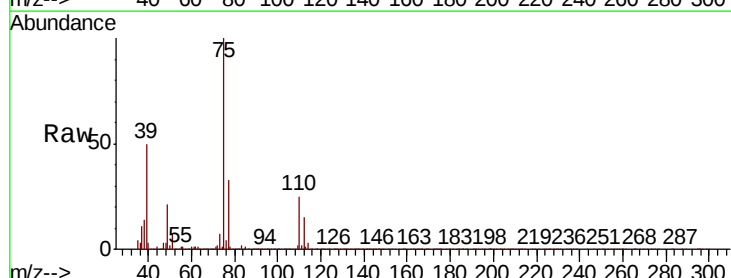
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

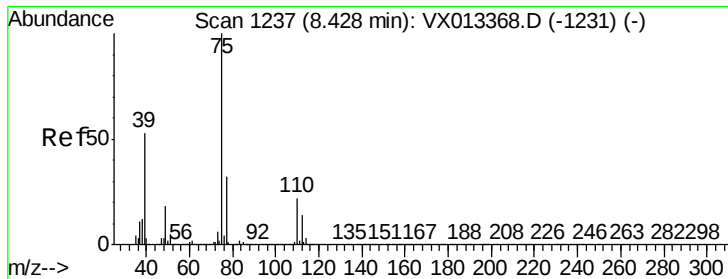
Tot Ion: 43 Resp: 326606
Ion Ratio Lower Upper
43 100
55 24.0 19.0 28.4



#48
t-1,3-Dichloropropene
Concen: 19.702 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion: 75 Resp: 232165
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9



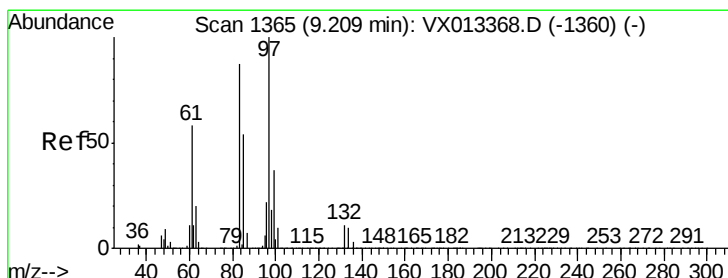
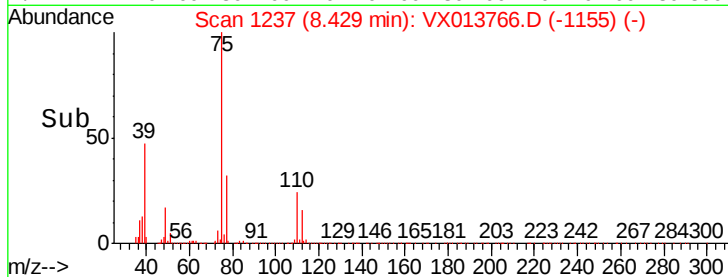
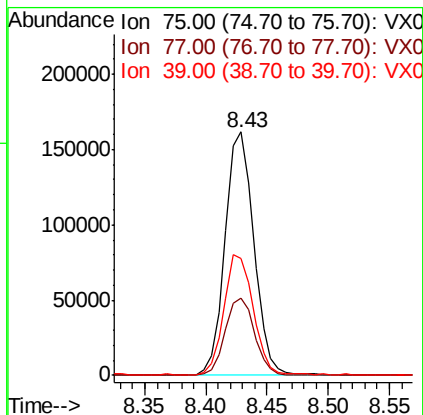
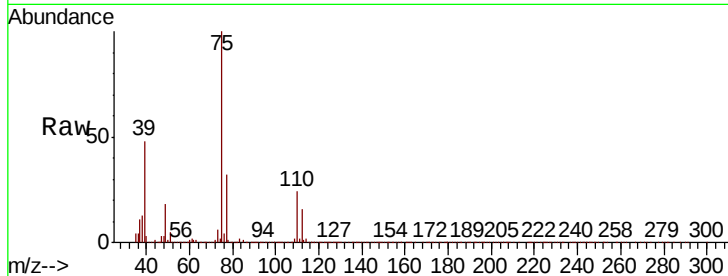


#49

cis-1,3-Dichloropropene
 Concen: 20.370 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

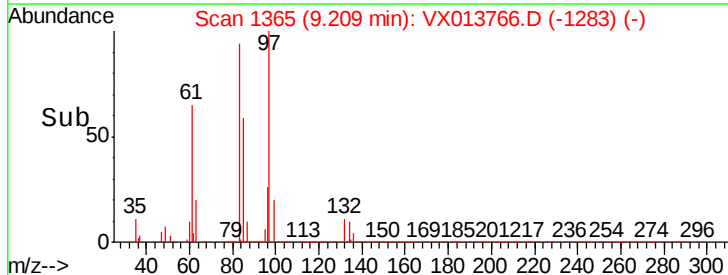
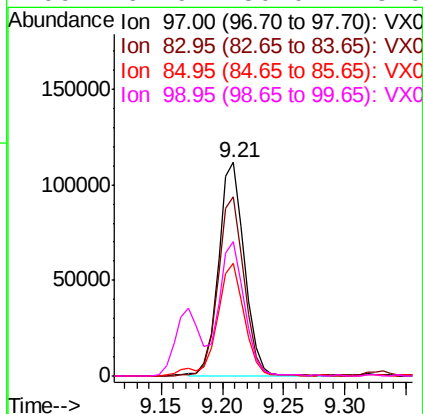
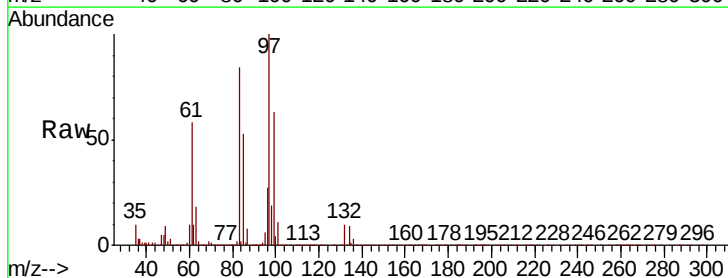
Tot Ion:	75	Resp:	263026
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	47.5	42.2	63.4

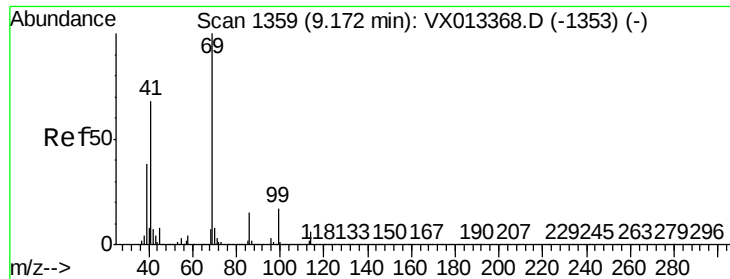


#50

1,1,2-Trichloroethane
 Concen: 20.569 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion:	97	Resp:	163855
Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.6	104.4
85	52.8	45.5	68.3
99	62.9	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.378 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

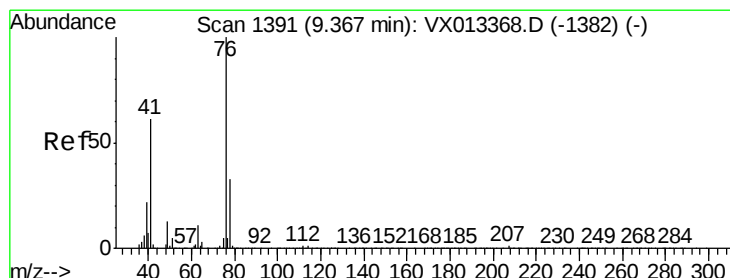
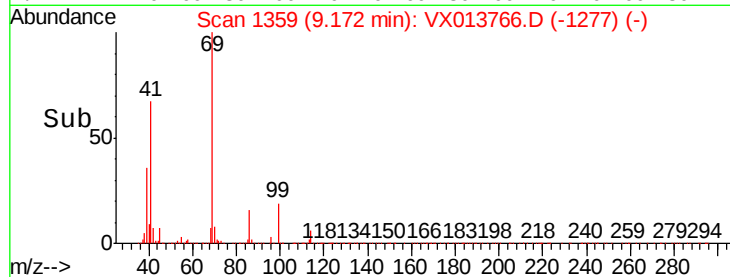
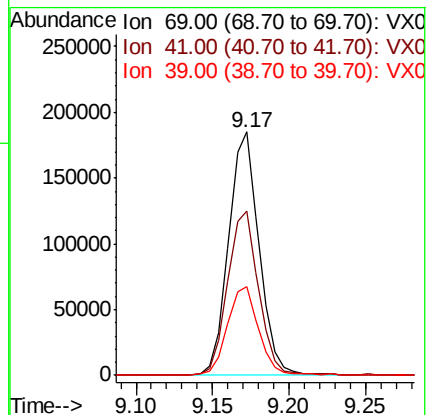
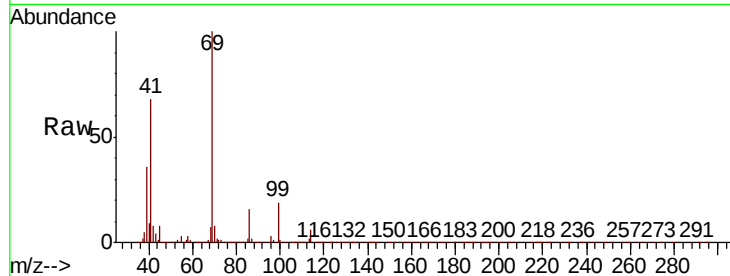
Tot Ion: 69 Resp: 254156

Ion Ratio Lower Upper

69 100

41 67.4 33.9 101.6

39 36.0 18.8 56.4



#52

1,3-Dichloropropane

Concen: 20.062 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013766.D

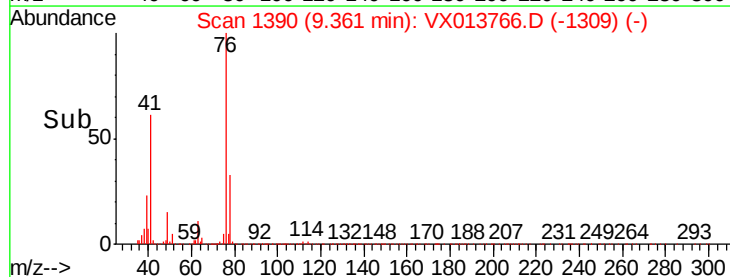
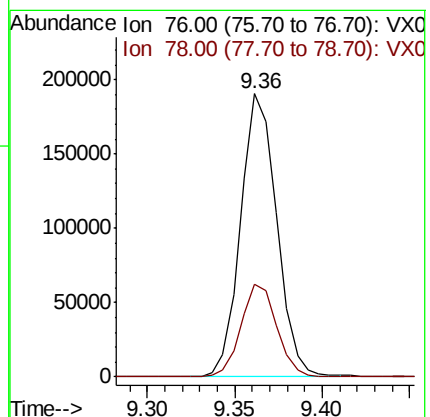
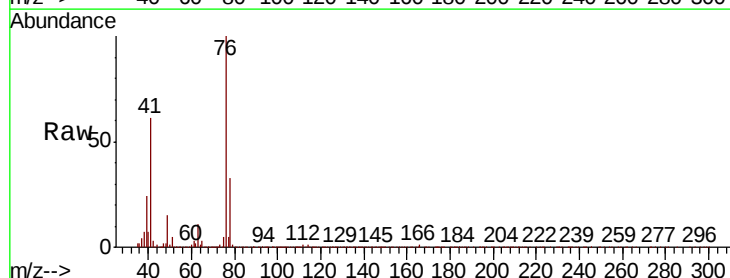
Acq: 05 Dec 2019 10:27

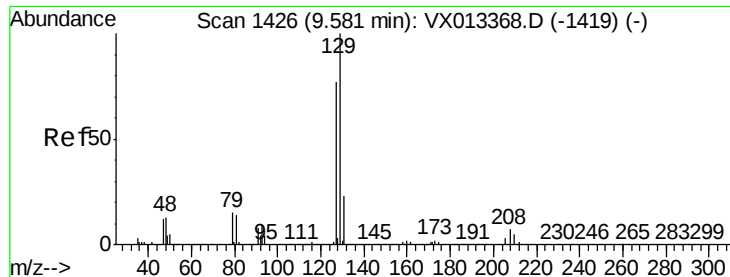
Tgt Ion: 76 Resp: 273210

Ion Ratio Lower Upper

76 100

78 32.4 0.0 63.6





#53

Dibromochloromethane

Concen: 20.456 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

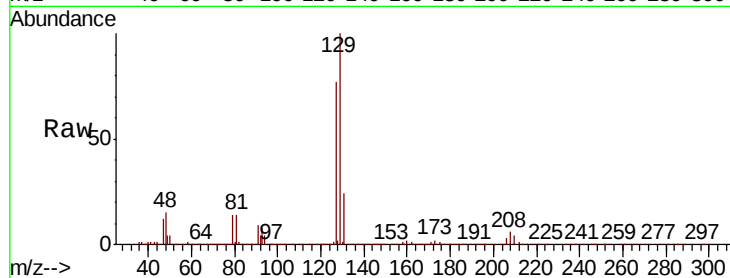
VSTDCCC020

Tot Ion:129 Resp: 172709

Ion Ratio Lower Upper

129 100

127 77.0 39.6 119.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

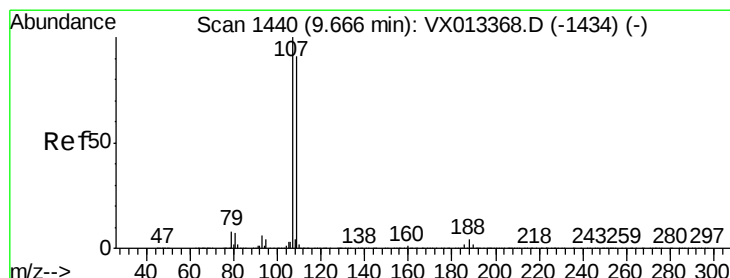
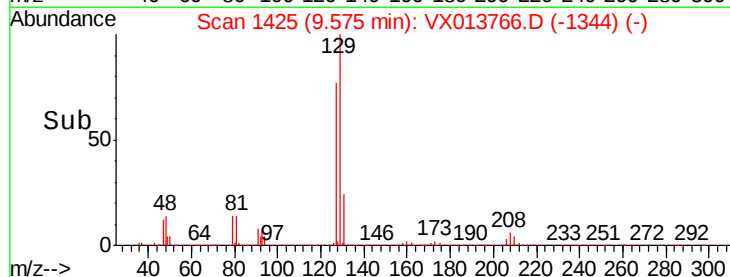
100000

50000

0

Time-->

9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 19.864 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013766.D

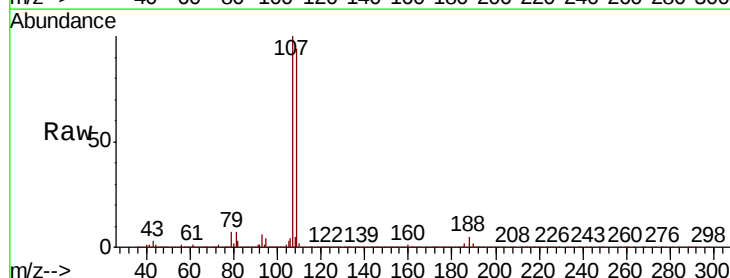
Acq: 05 Dec 2019 10:27

Tgt Ion:107 Resp: 169201

Ion Ratio Lower Upper

107 100

109 95.6 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

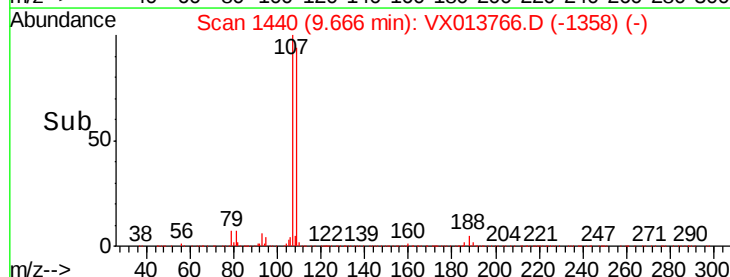
100000

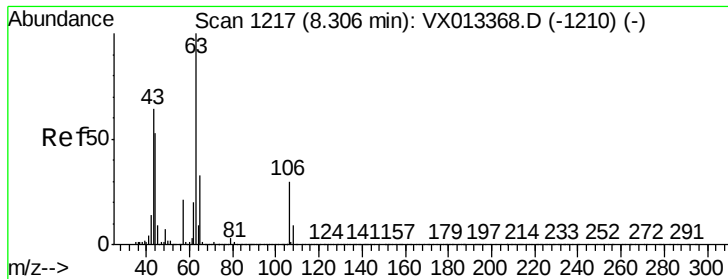
50000

0

Time-->

9.60 9.65 9.70

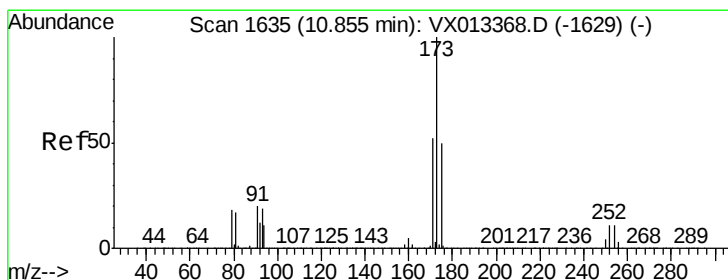
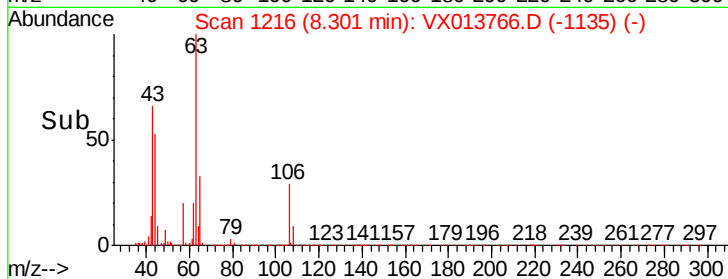
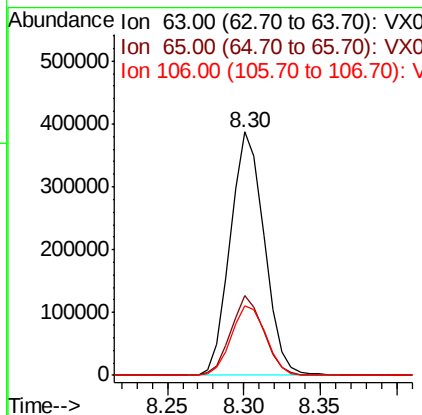
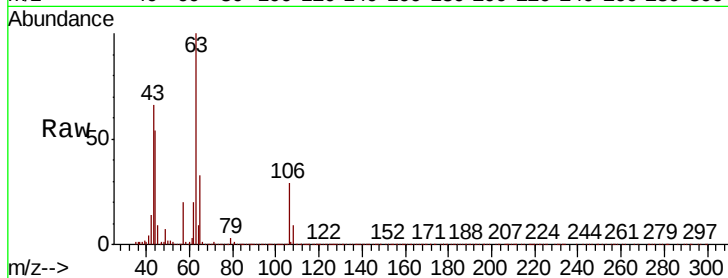




#55
2-Chloroethyl vinyl ether
Concen: 106.460 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

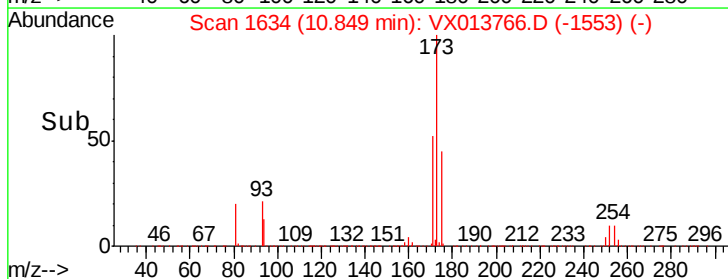
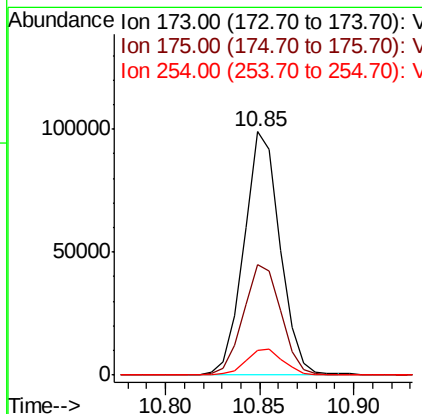
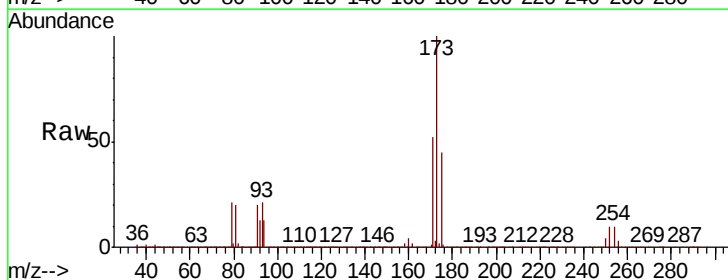
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

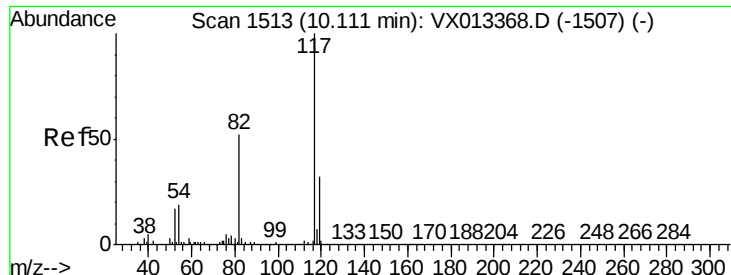
Tot Ion: 63 Resp: 596627
Ion Ratio Lower Upper
63 100
65 31.8 26.0 39.0
106 29.3 23.5 35.3



#56
Bromoform
Concen: 19.511 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion: 173 Resp: 131091
Ion Ratio Lower Upper
173 100
175 47.8 39.4 59.0
254 11.3 8.6 12.8

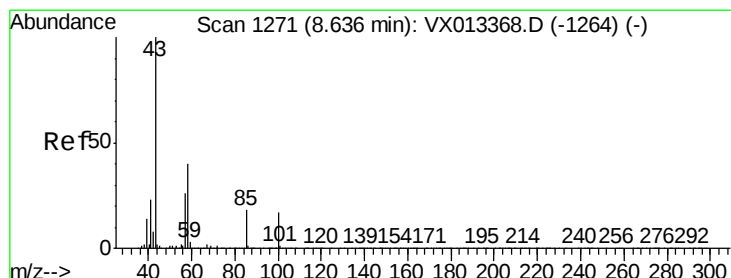
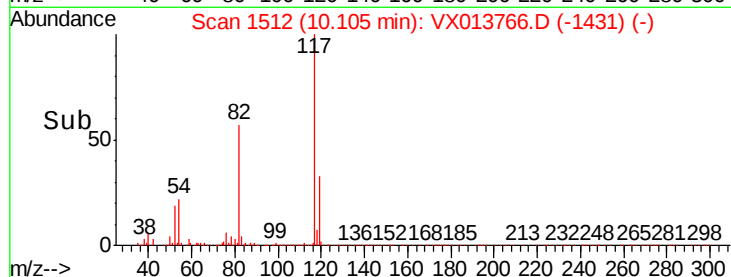
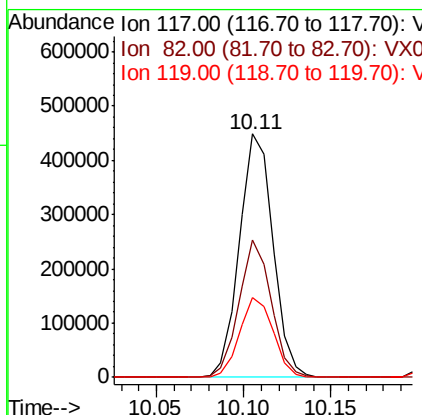
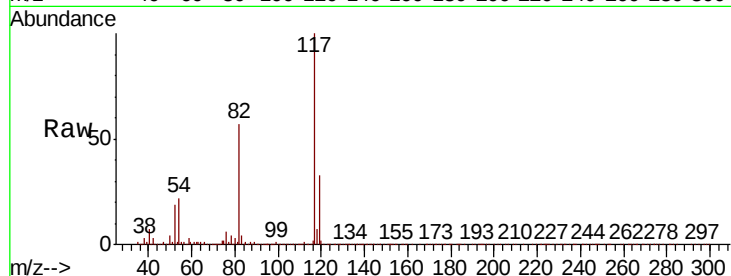




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

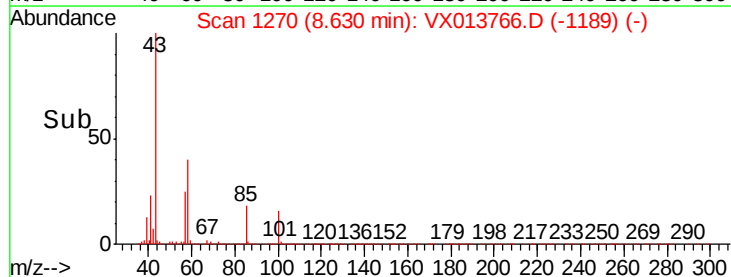
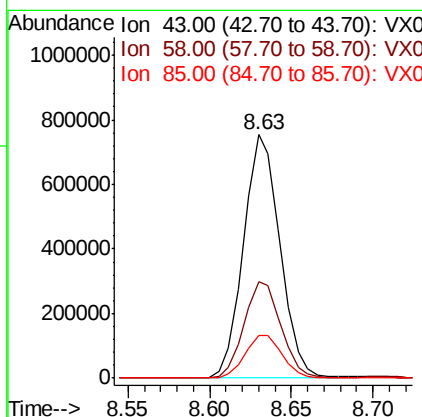
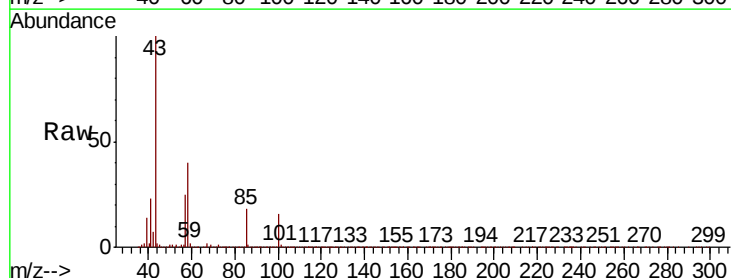
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

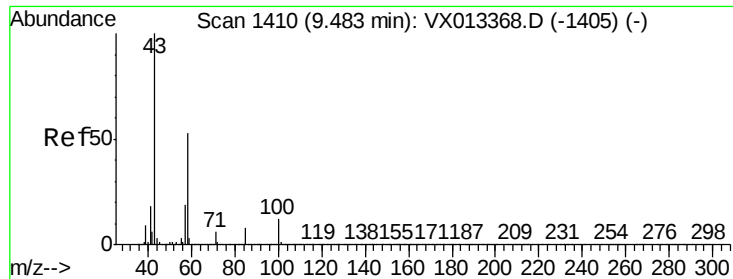
Tot Ion:117 Resp: 601141
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.8 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 93.496 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion: 43 Resp: 1174126
Ion Ratio Lower Upper
43 100
58 40.1 31.6 47.4
85 18.1 14.2 21.2

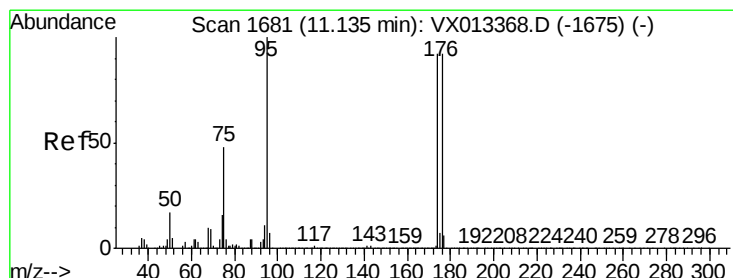
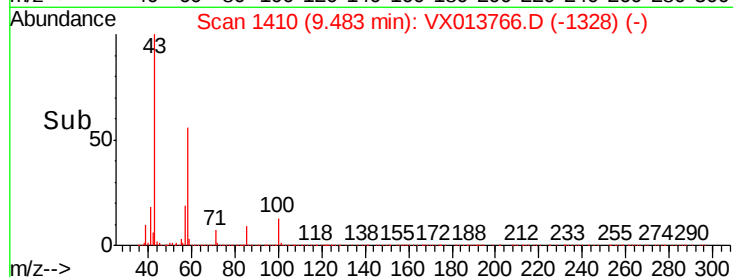
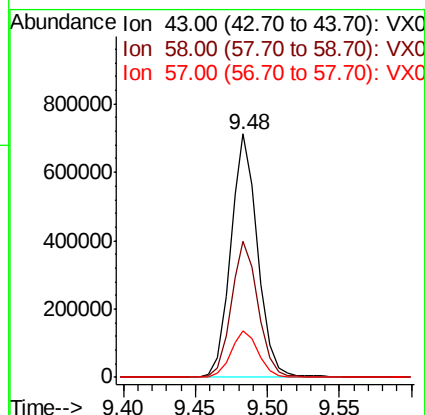
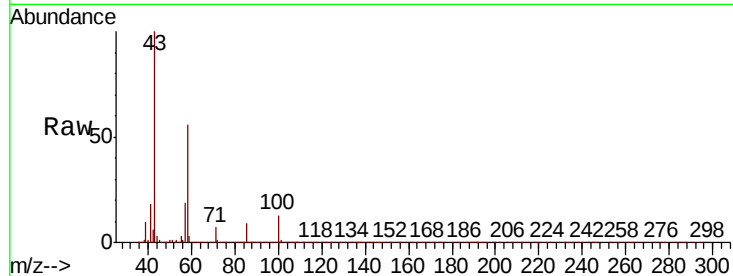




#59
2-Hexanone
Concen: 93.331 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

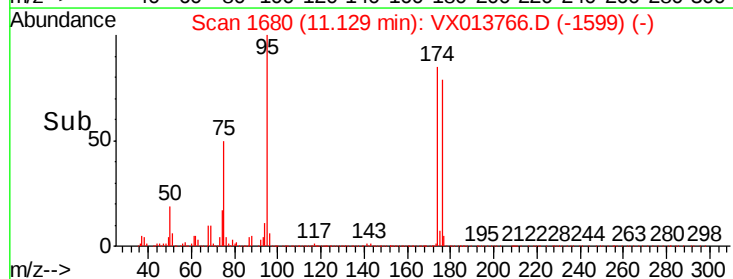
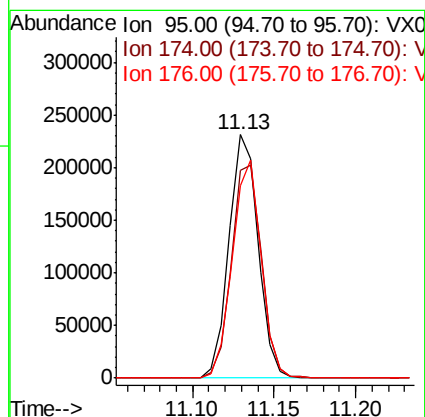
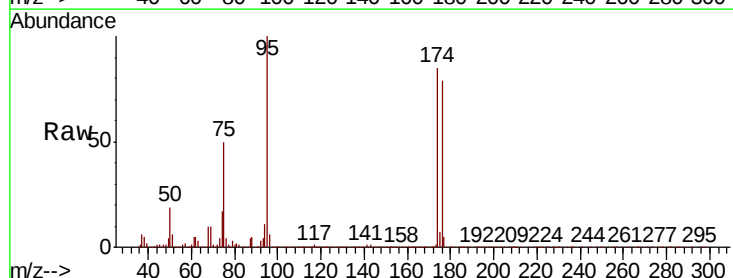
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

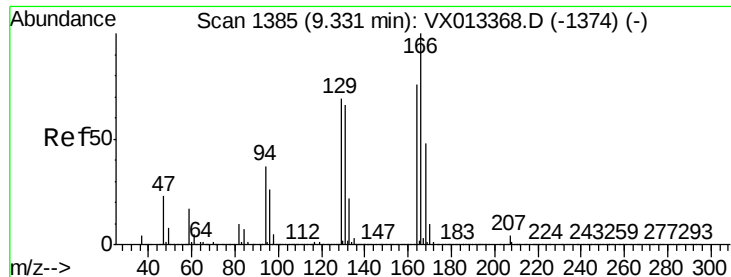
Tot Ion:	43	Resp:	927358
Ion	Ratio	Lower	Upper
43	100		
58	56.0	43.8	65.6
57	19.3	15.1	22.7



#60
4-Bromofluorobenzene
Concen: 29.799 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion:	95	Resp:	287916
Ion	Ratio	Lower	Upper
95	100		
174	90.2	70.2	105.2
176	88.1	68.3	102.5

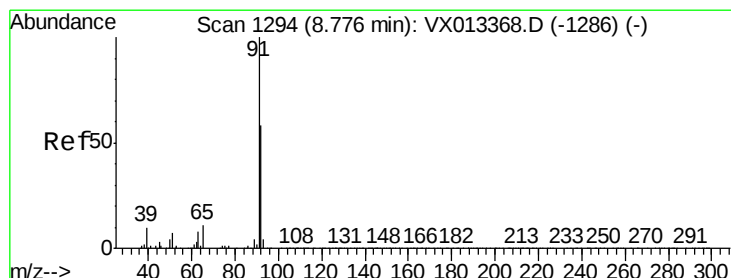
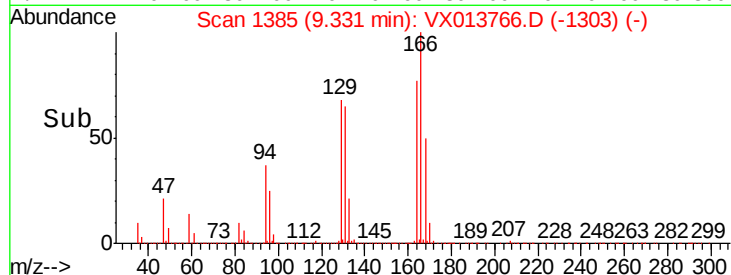
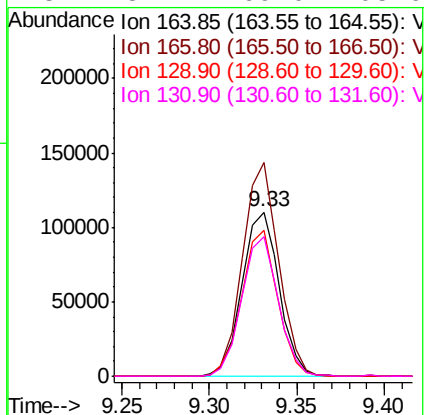
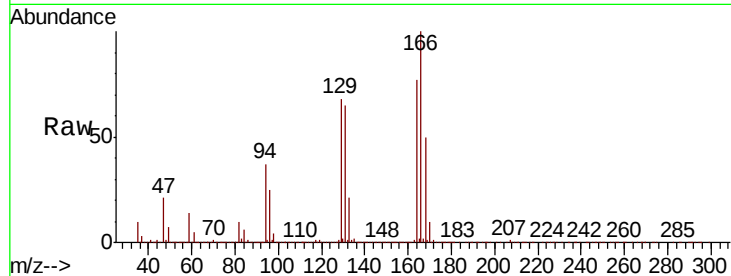




#61
Tetrachloroethene
Concen: 21.857 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

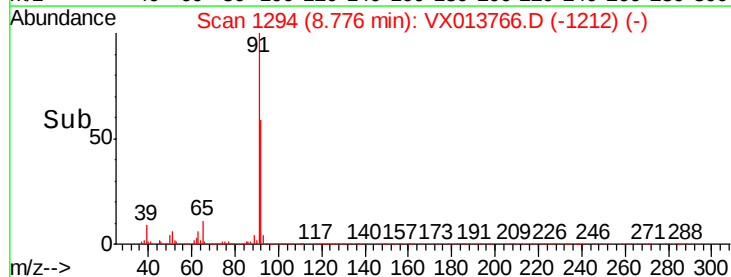
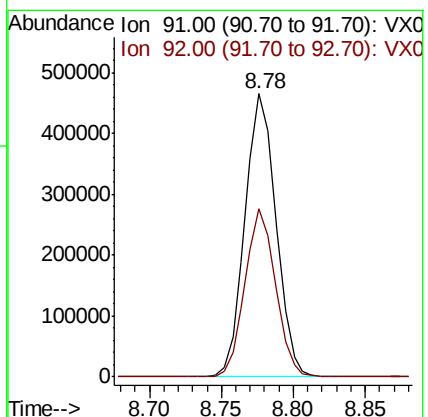
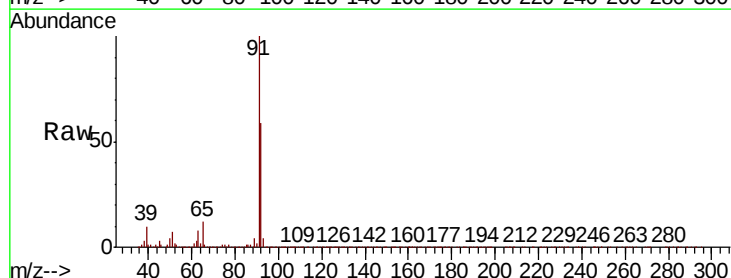
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

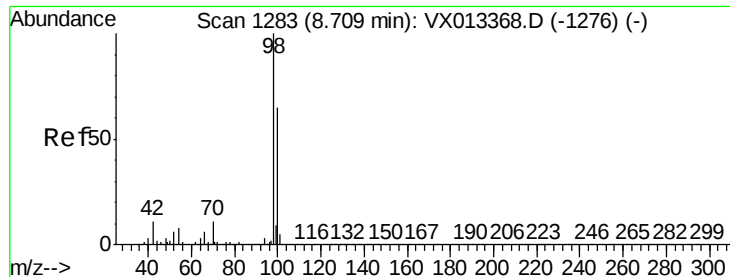
Tot Ion:	164	Resp:	162018
Ion	Ratio	Lower	Upper
164	100		
166	130.0	104.9	157.3
129	88.8	72.3	108.5
131	84.7	69.0	103.6



#62
Toluene
Concen: 20.761 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion:	91	Resp:	695167
Ion	Ratio	Lower	Upper
91	100		
92	58.3	46.6	69.8





#63

Toluene-d8

Concen: 30.171 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

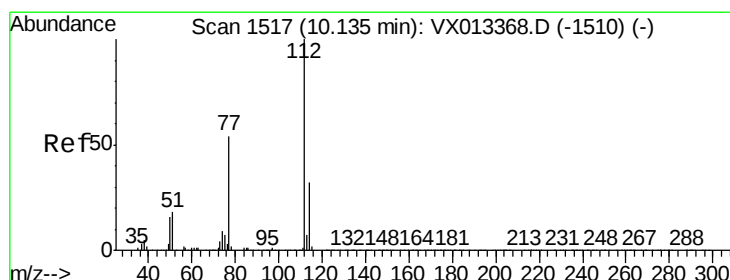
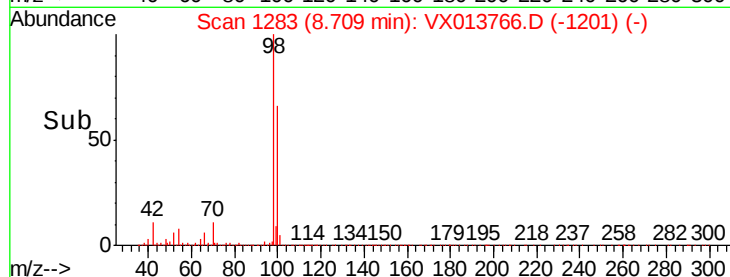
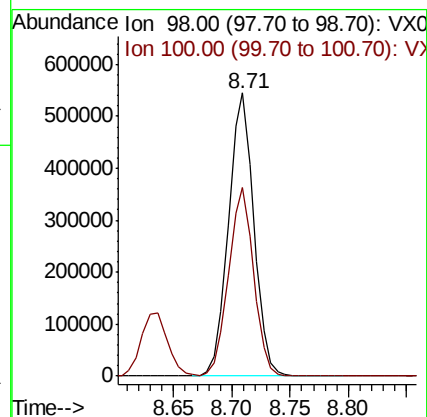
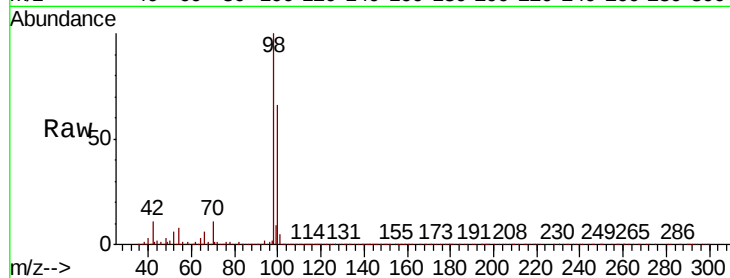
VSTDCCC020

Tot Ion: 98 Resp: 820164

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7



#64

Chlorobenzene

Concen: 20.794 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013766.D

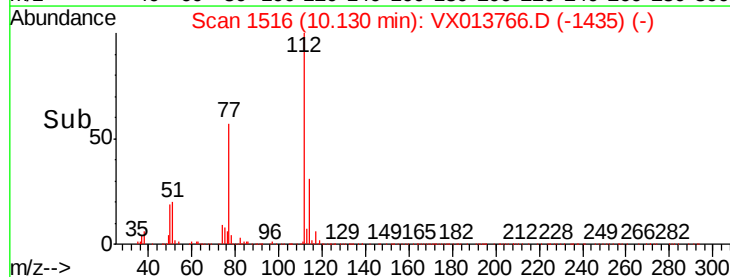
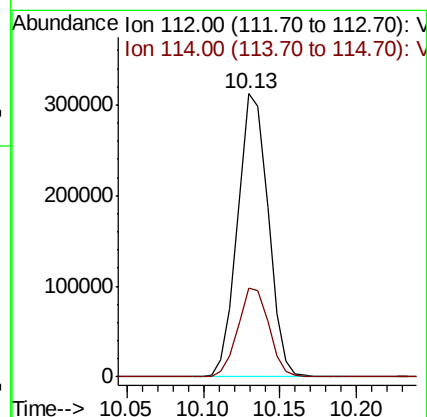
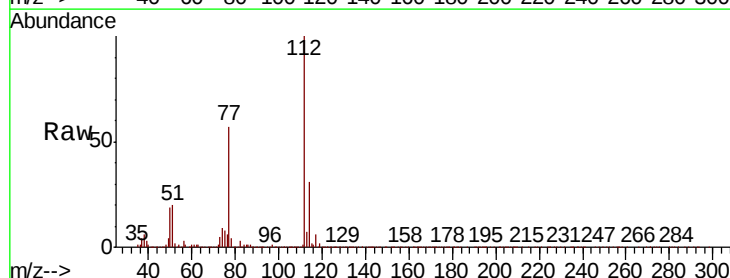
Acq: 05 Dec 2019 10:27

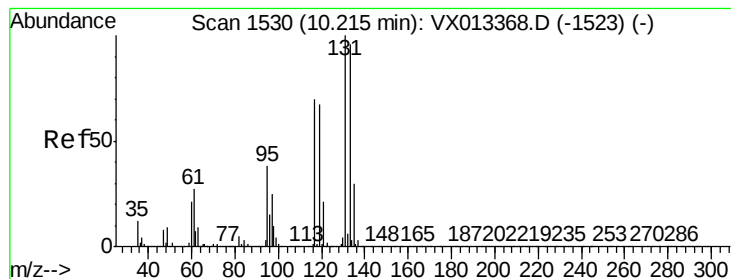
Tgt Ion: 112 Resp: 435361

Ion Ratio Lower Upper

112 100

114 31.4 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 20.586 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

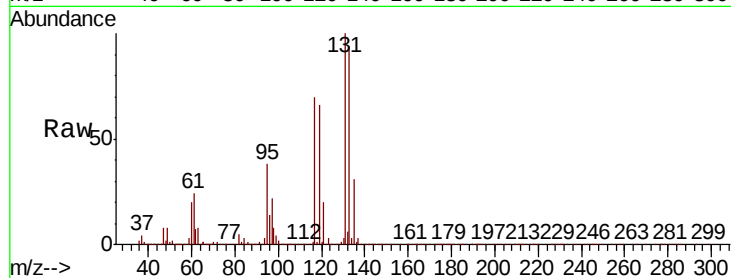
Tot Ion:131 Resp: 161334

Ion Ratio Lower Upper

131 100

133 94.7 0.0 192.2

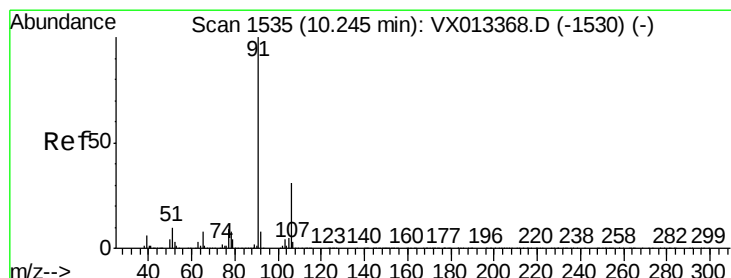
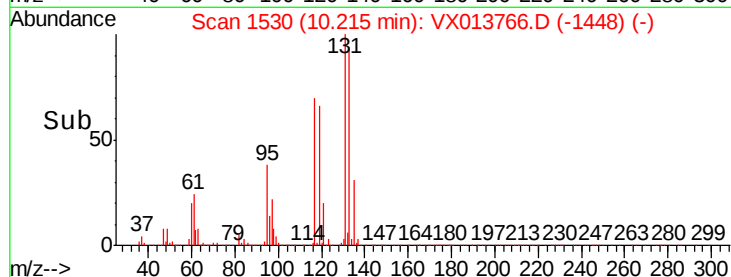
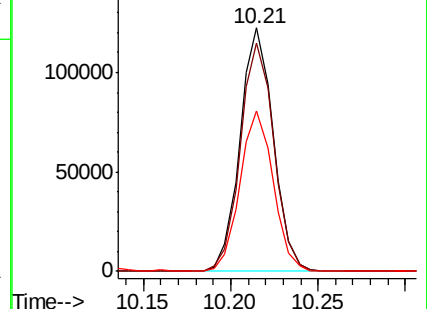
119 66.0 0.0 134.4



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: 20.730 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013766.D

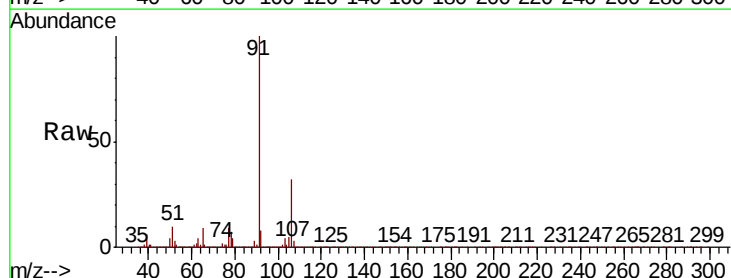
Acq: 05 Dec 2019 10:27

Tgt Ion: 91 Resp: 762578

Ion Ratio Lower Upper

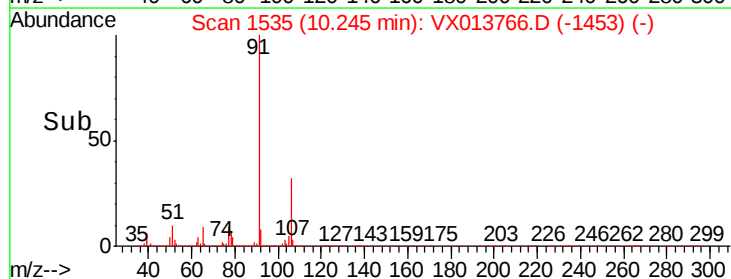
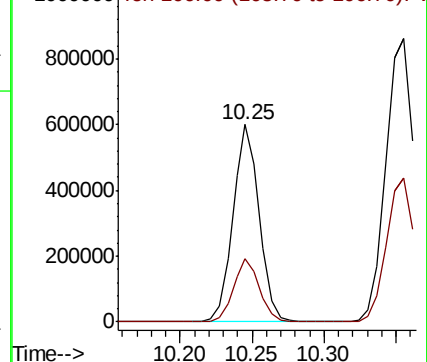
91 100

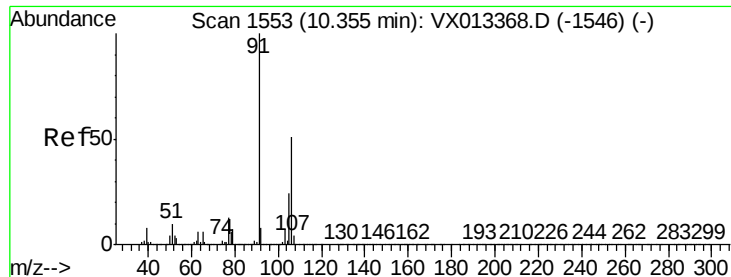
106 31.9 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 41.561 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

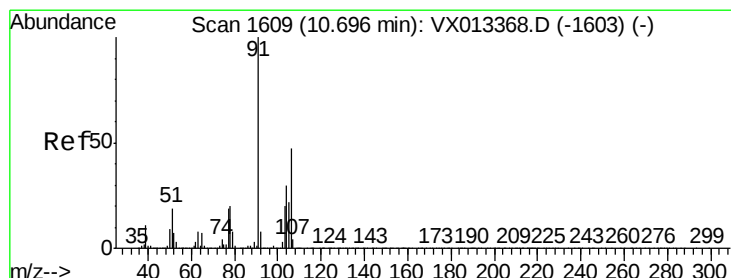
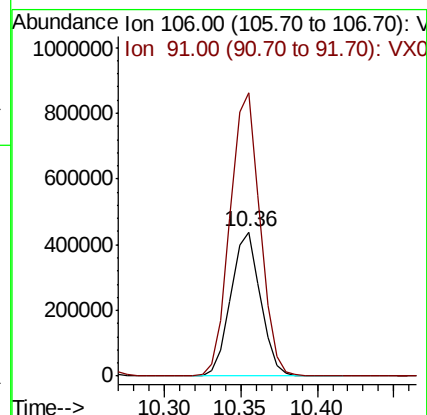
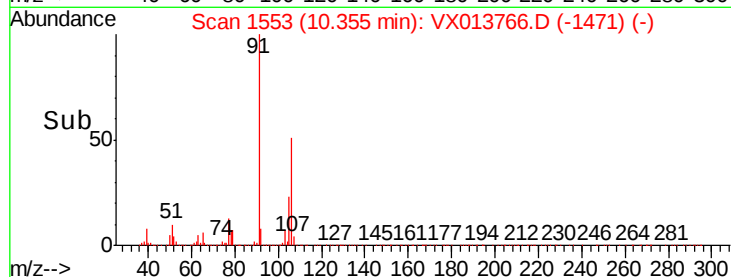
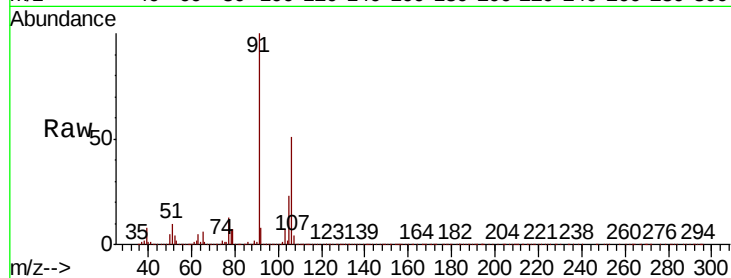
VSTDCCC020

Tot Ion:106 Resp: 589751

Ion Ratio Lower Upper

106 100

91 198.4 158.4 237.6



#68

o-Xylene

Concen: 20.663 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX013766.D

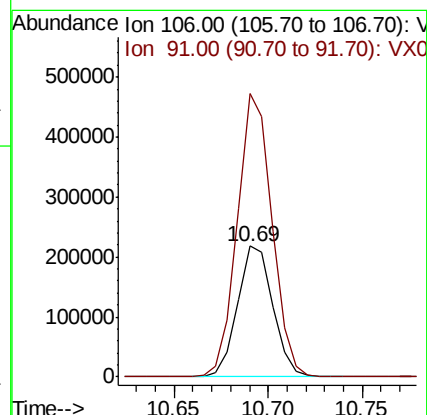
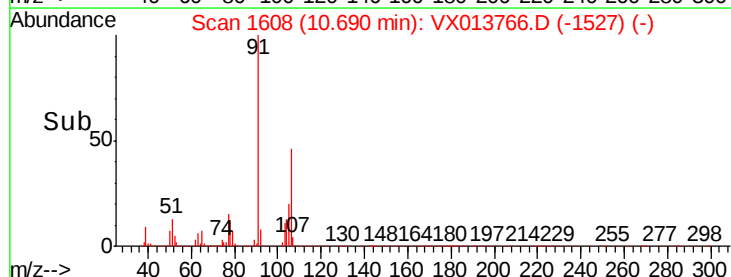
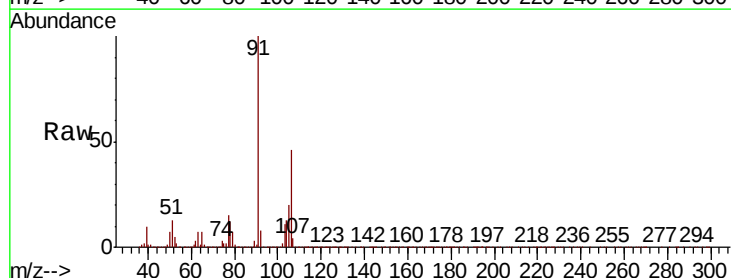
Acq: 05 Dec 2019 10:27

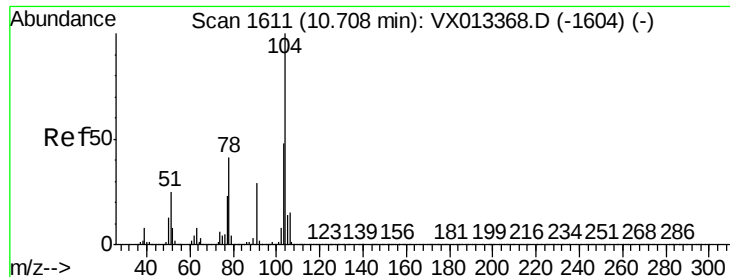
Tgt Ion:106 Resp: 282967

Ion Ratio Lower Upper

106 100

91 212.4 106.4 319.2

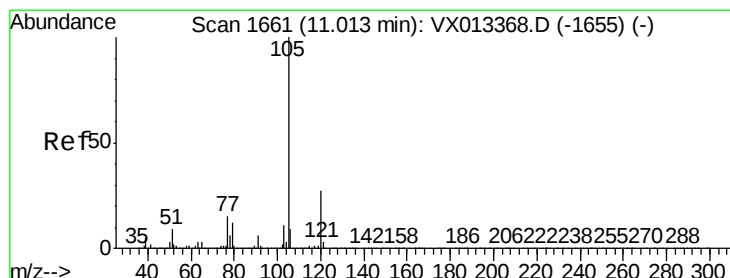
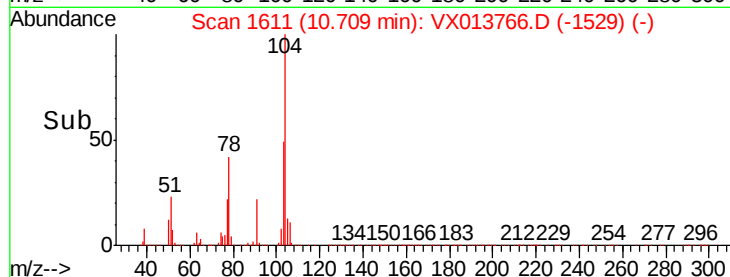
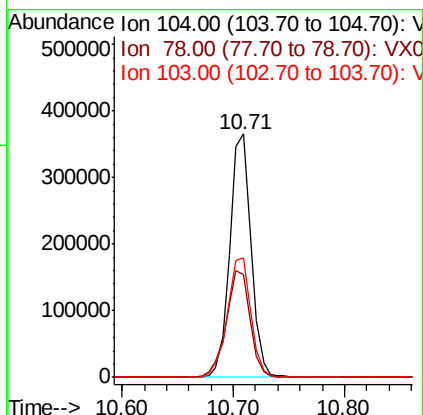
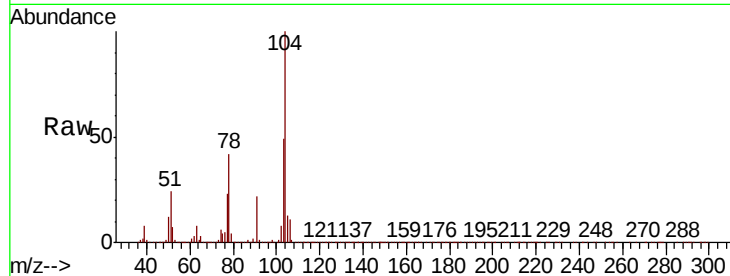




#69
Stvrene
Concen: 20.634 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

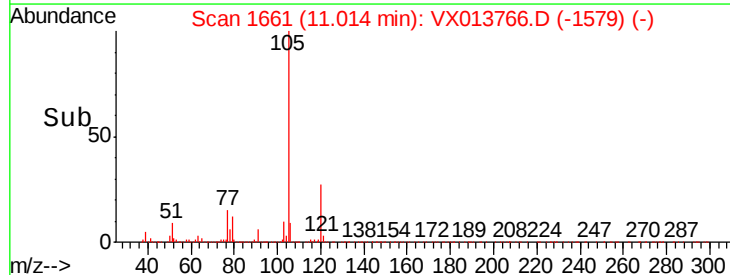
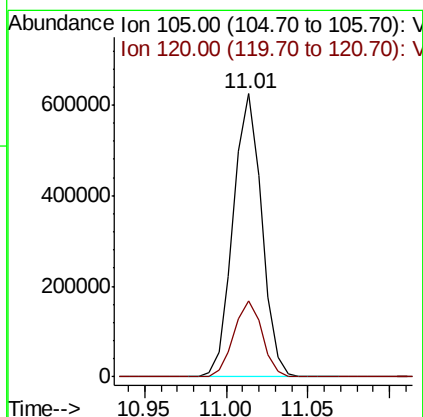
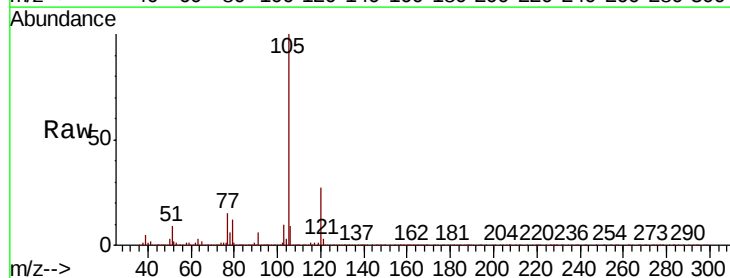
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

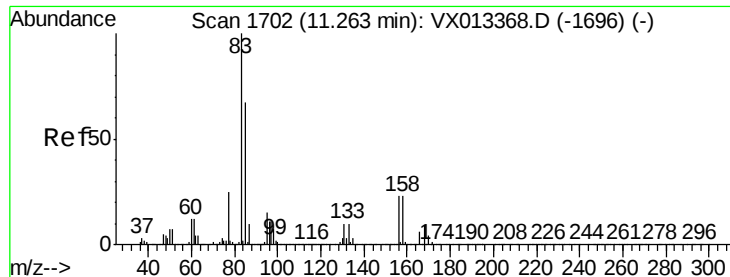
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.2	57.4
103	54.1	43.2	64.8



#70
Isopropylbenzene
Concen: 21.126 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.390 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

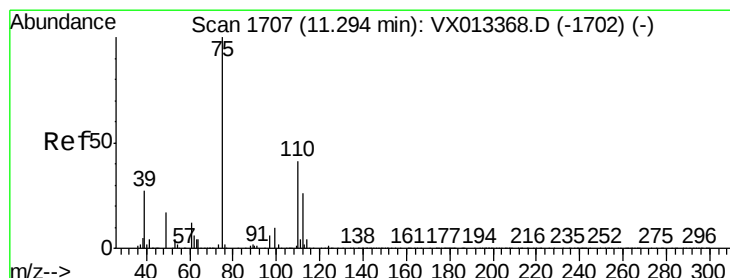
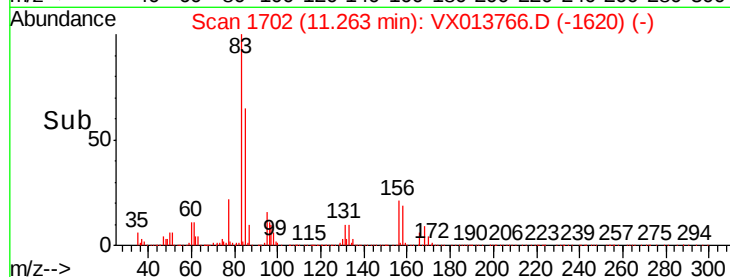
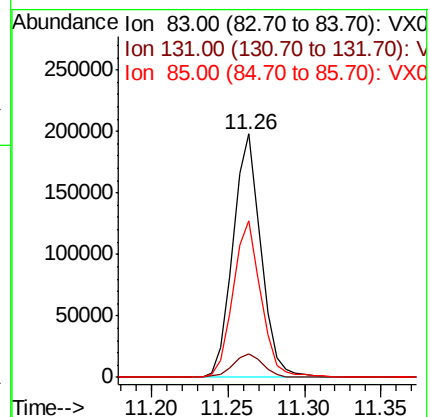
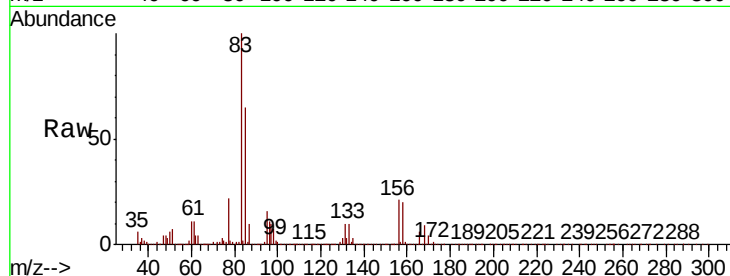
Tot Ion: 83 Resp: 250530

Ion Ratio Lower Upper

83 100

131 10.5 4.7 14.1

85 64.5 32.6 97.7



#72

1,2,3-Trichloropropane

Concen: 25.343 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013766.D

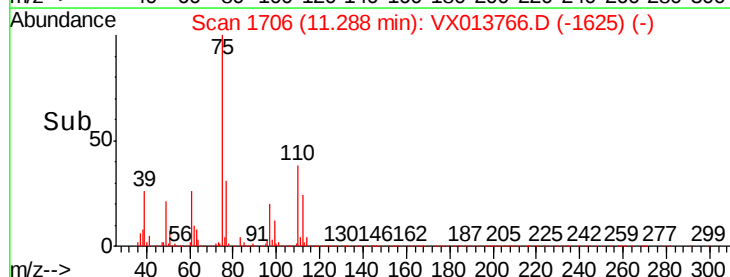
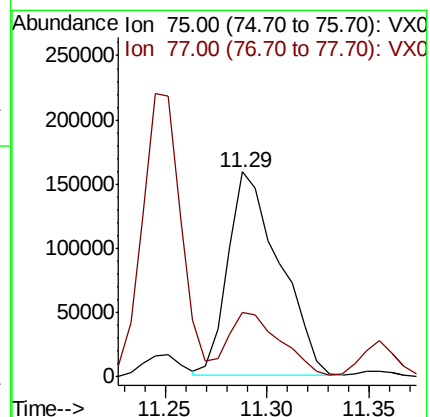
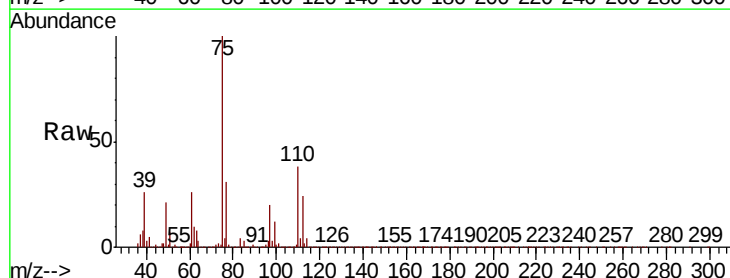
Acq: 05 Dec 2019 10:27

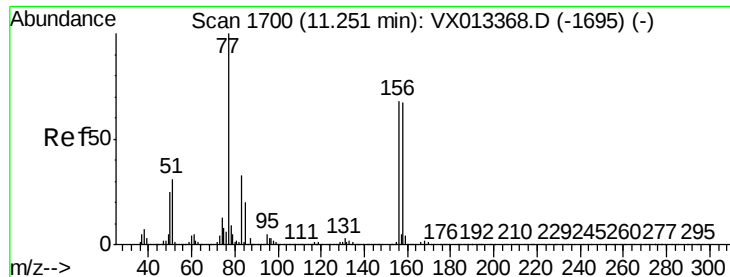
Tgt Ion: 75 Resp: 276485

Ion Ratio Lower Upper

75 100

77 32.7 0.0 86.2





#73

Bromobenzene

Concen: 20.720 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

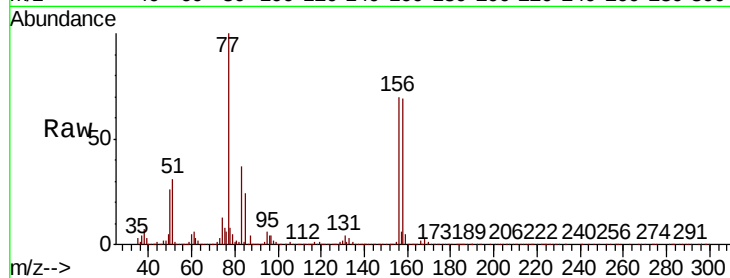
Tot Ion:156 Resp: 197181

Ion Ratio Lower Upper

156 100

77 146.6 0.0 308.8

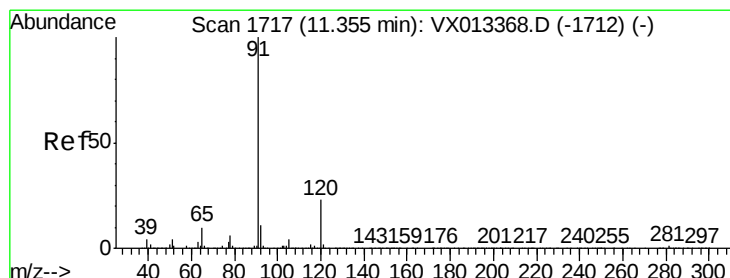
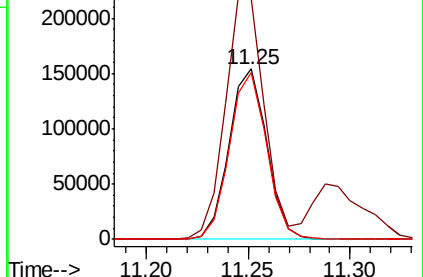
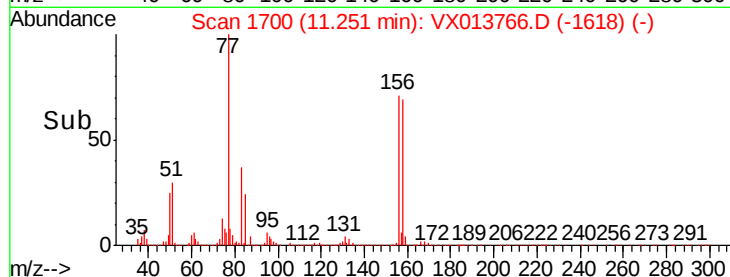
158 96.6 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.080 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013766.D

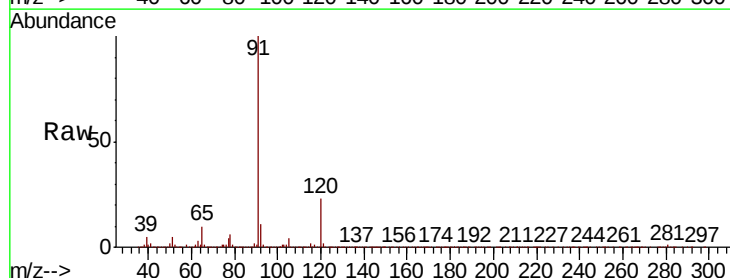
Acq: 05 Dec 2019 10:27

Tgt Ion: 91 Resp: 864484

Ion Ratio Lower Upper

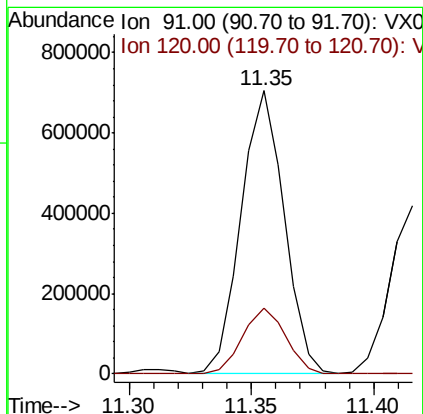
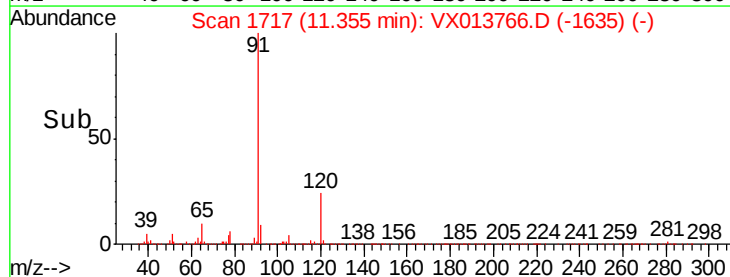
91 100

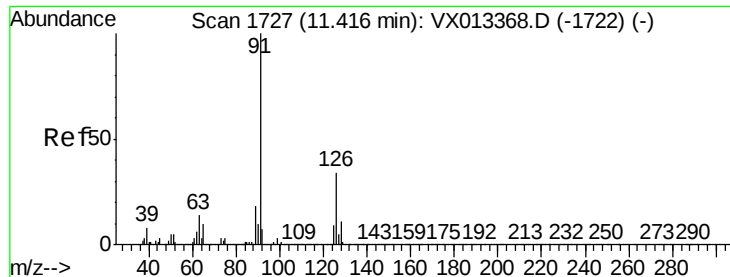
120 23.4 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.911 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

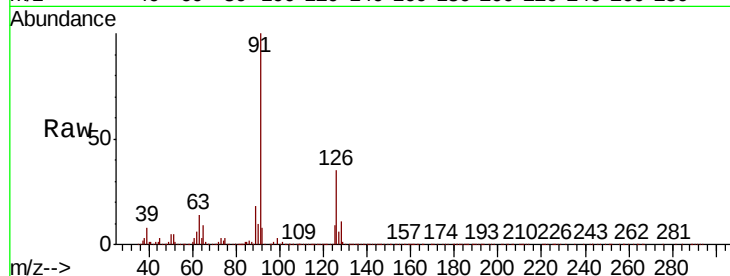
VSTDCCC020

Tot Ion: 91 Resp: 509947

Ion Ratio Lower Upper

91 100

126 34.5 0.0 69.0



Abundance Ion 91.00 (90.70 to 91.70): VX013368.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX013368.D (-1722) (-)

800000

600000

400000

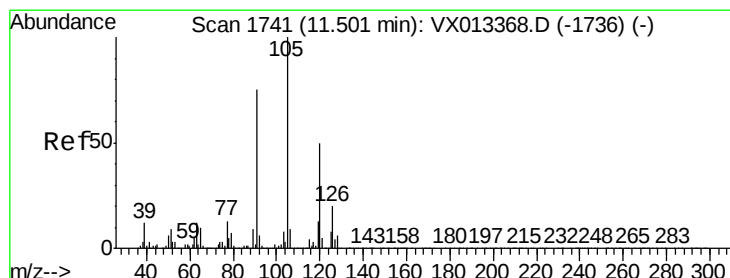
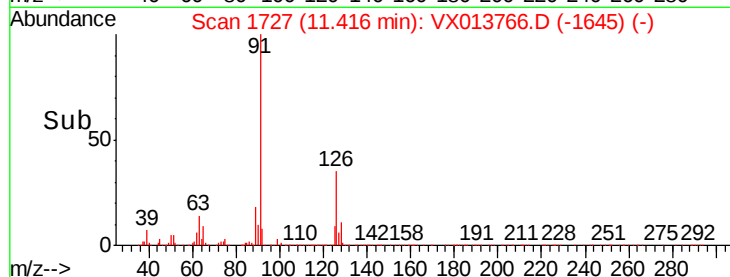
200000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 20.857 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013766.D

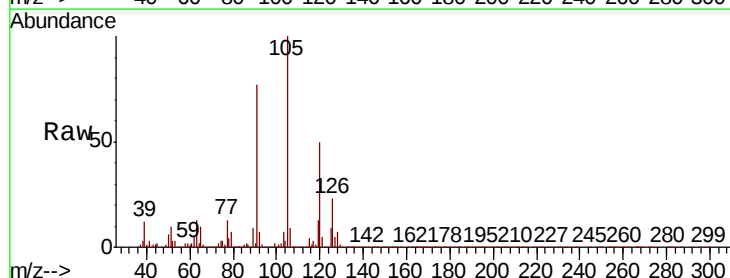
Acq: 05 Dec 2019 10:27

Tgt Ion: 105 Resp: 632633

Ion Ratio Lower Upper

105 100

120 50.4 0.0 100.0



Abundance Ion 105.00 (104.70 to 105.70): VX013368.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX013368.D (-1736) (-)

600000

500000

400000

300000

200000

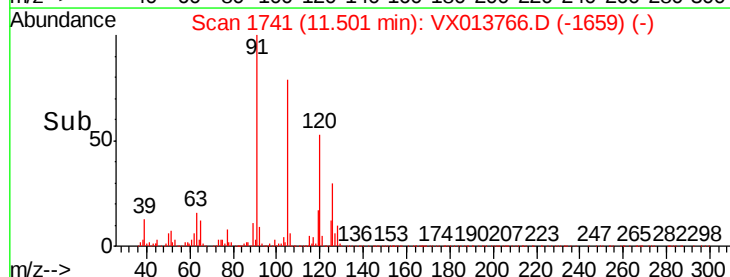
100000

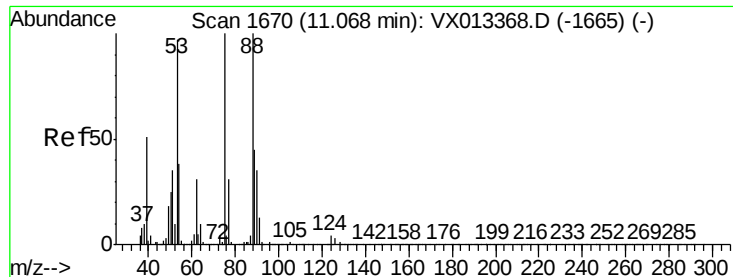
0

11.50

11.55

Time-->

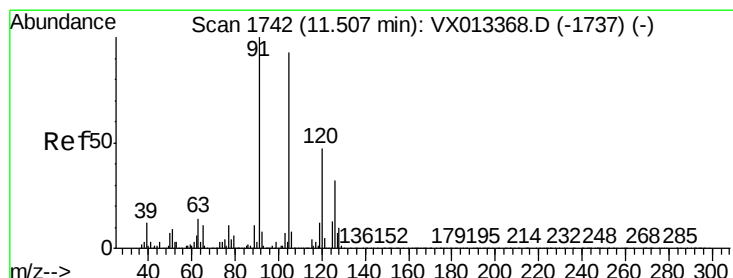
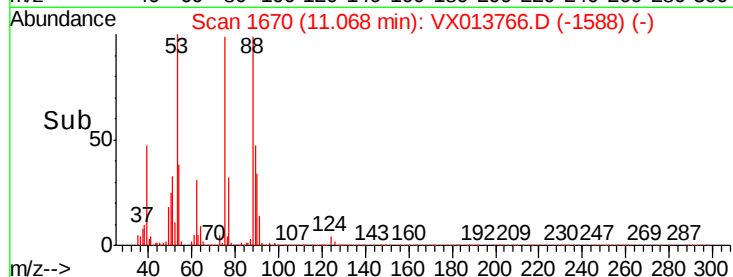
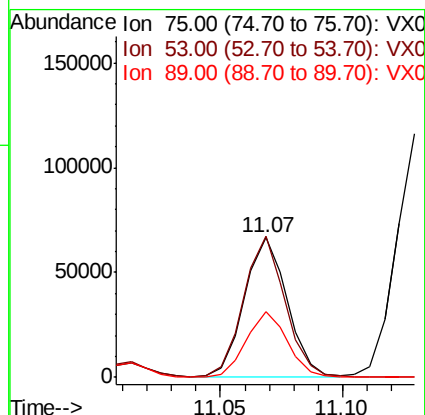
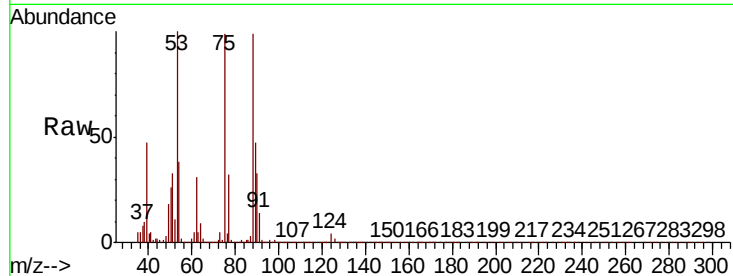




#77
t-1,4-Dichloro-2-butene
Concen: 18.248 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

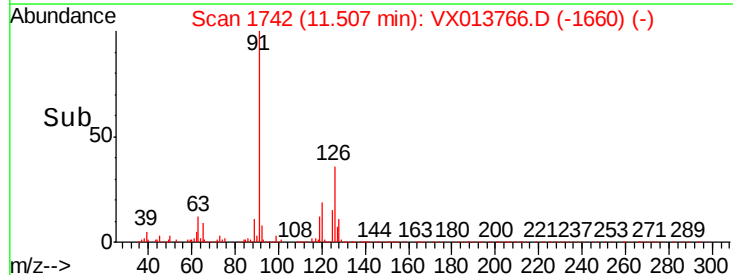
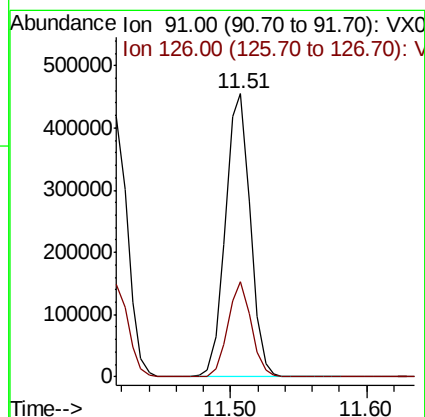
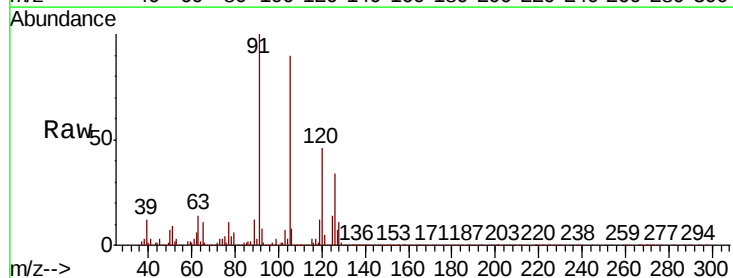
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

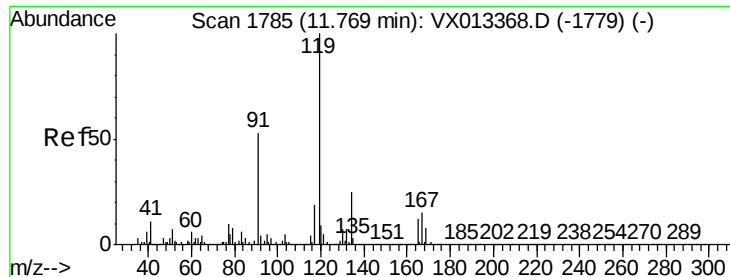
Tot Ion: 75 Resp: 80498
Ion Ratio Lower Upper
75 100
53 101.0 48.8 146.3
89 47.1 22.3 66.8



#78
4-Chlorotoluene
Concen: 20.584 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion: 91 Resp: 575120
Ion Ratio Lower Upper
91 100
126 31.6 0.0 61.0





#79

tert-butylbenzene

Concen: 20.202 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013766.D

Acq: 05 Dec 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

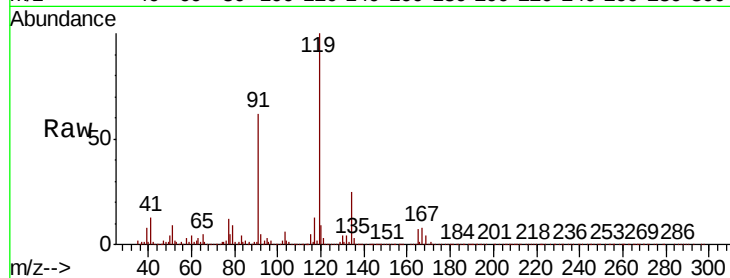
Tot Ion:119 Resp: 618244

Ion Ratio Lower Upper

119 100

91 56.7 0.0 109.6

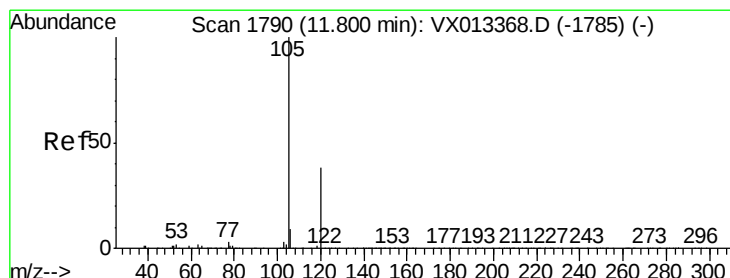
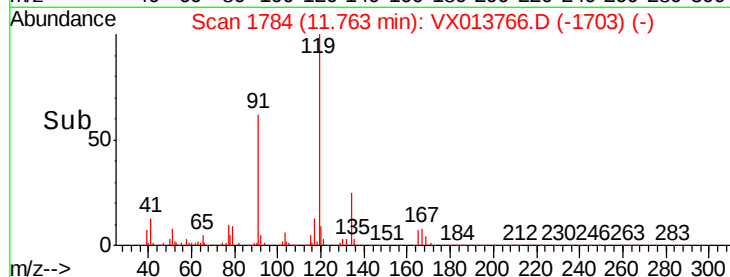
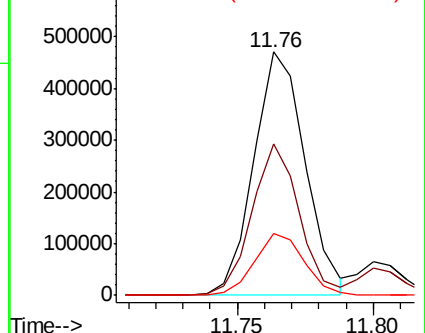
134 24.3 0.0 47.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.874 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX013766.D

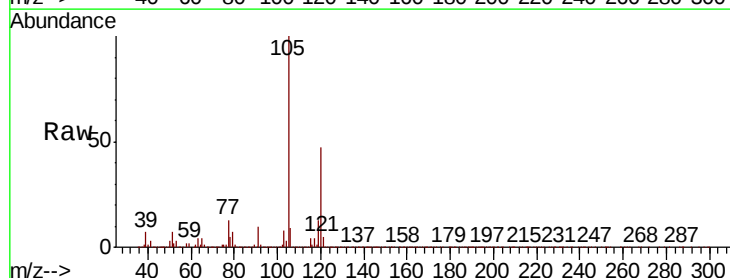
Acq: 05 Dec 2019 10:27

Tgt Ion:105 Resp: 630949

Ion Ratio Lower Upper

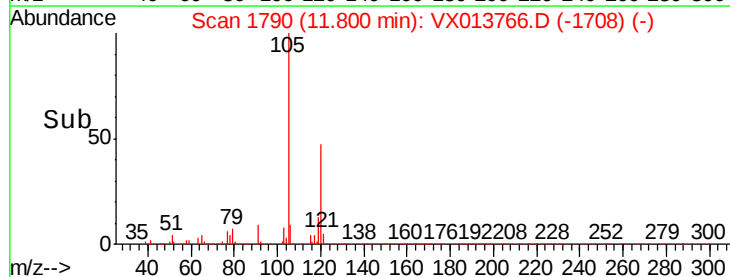
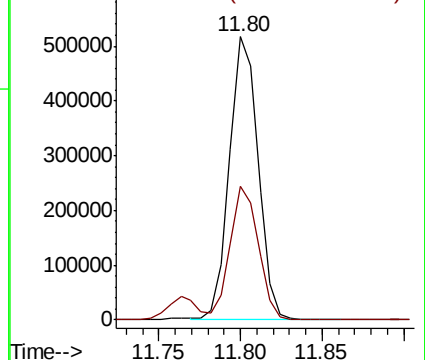
105 100

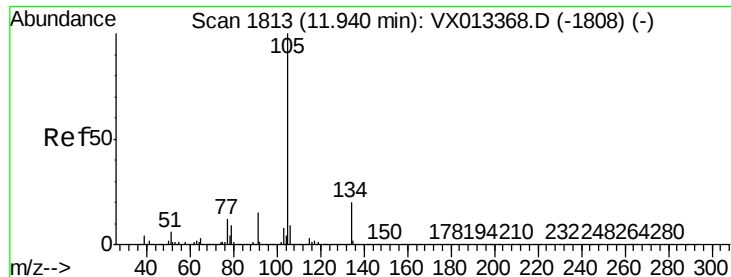
120 46.4 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

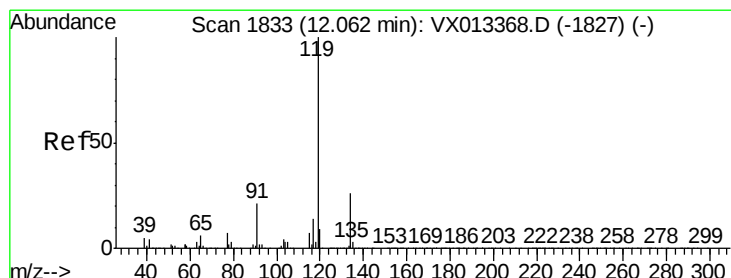
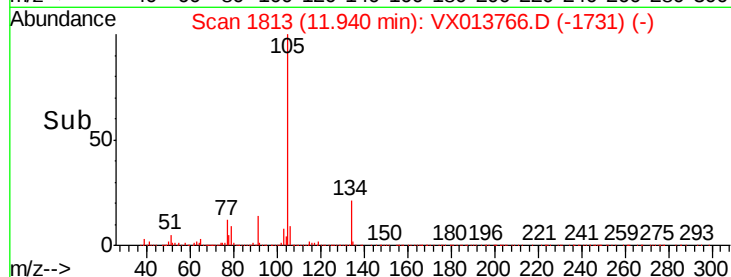
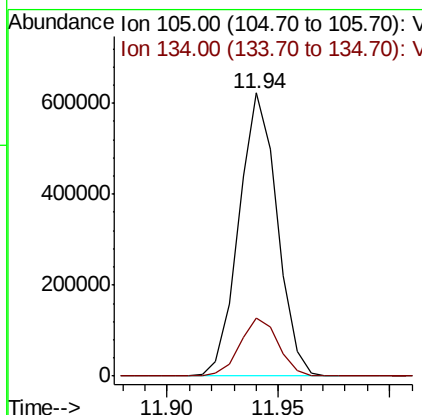
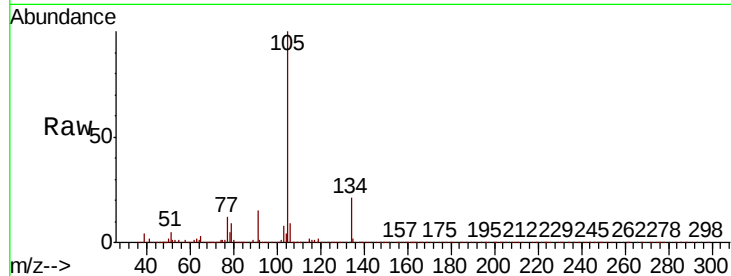




#81
 sec-Butylbenzene
 Concen: 21.328 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

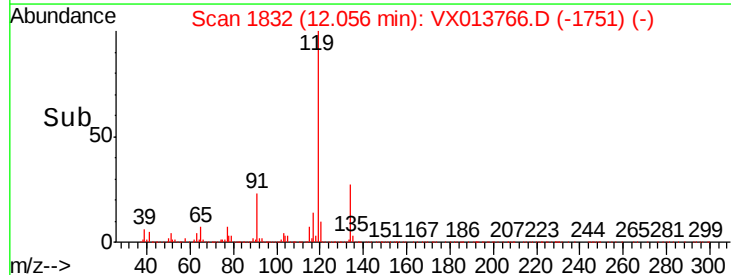
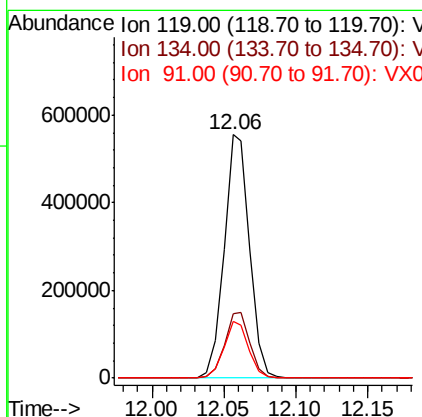
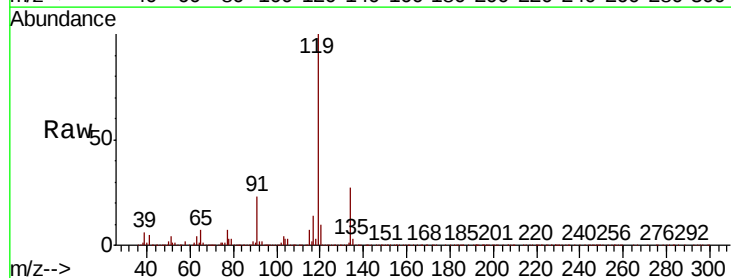
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

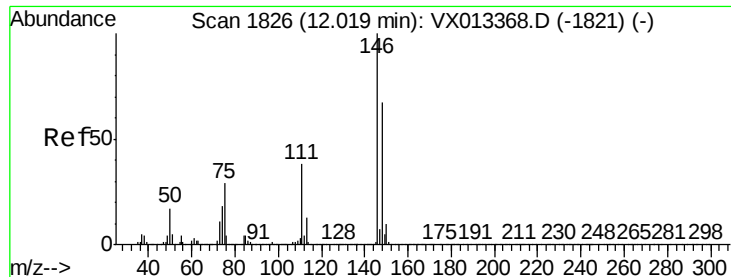
Tot Ion:105 Resp: 744701
 Ion Ratio Lower Upper
 105 100
 134 20.7 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 21.317 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion:119 Resp: 685772
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 51.6
 91 22.6 0.0 44.2

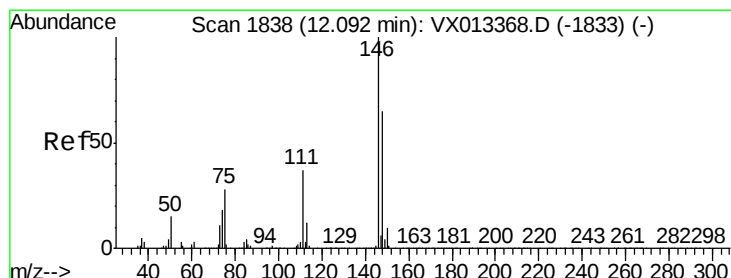
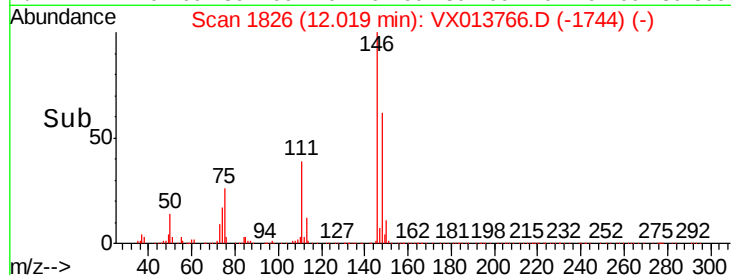
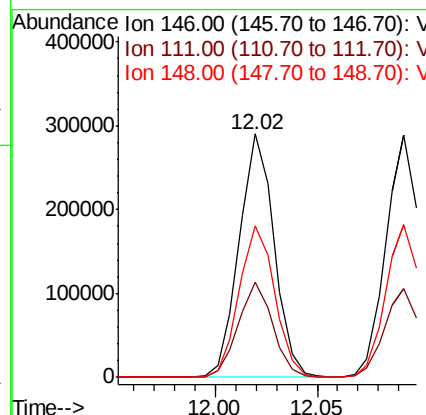
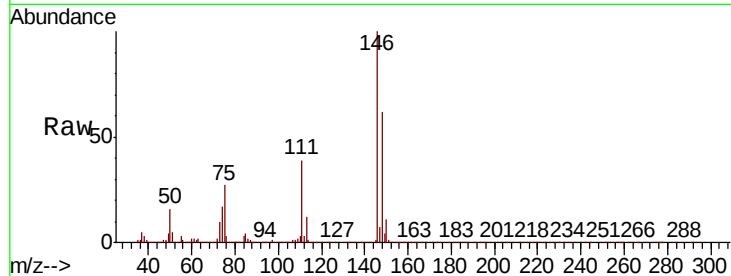




#83
 1,3-Dichlorobenzene
 Concen: 20.586 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

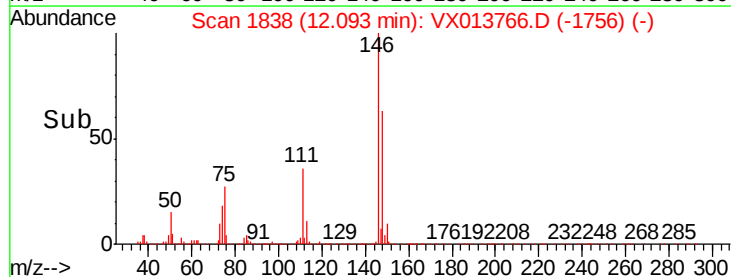
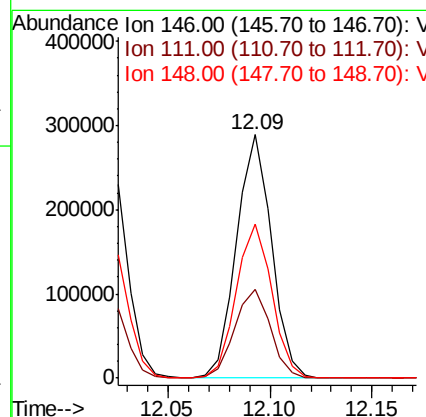
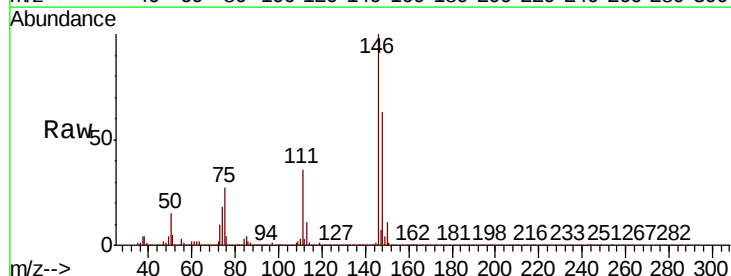
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

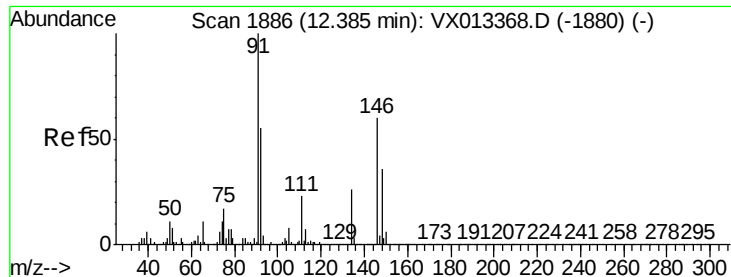
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.8	56.3
148	63.7	32.3	96.9



#84
 1,4-Dichlorobenzene
 Concen: 20.720 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.6
148	64.3	32.5	97.4

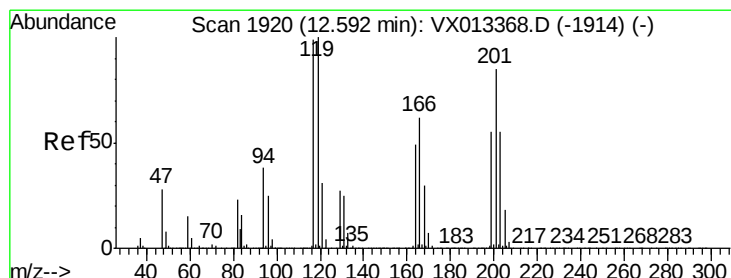
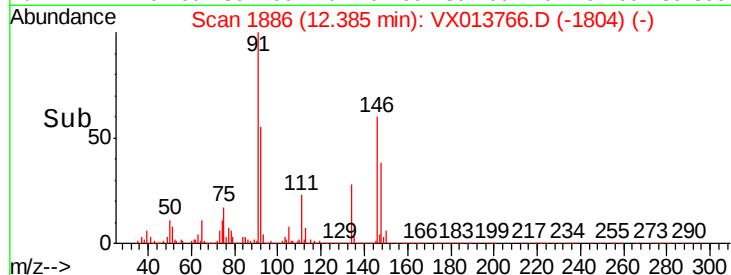
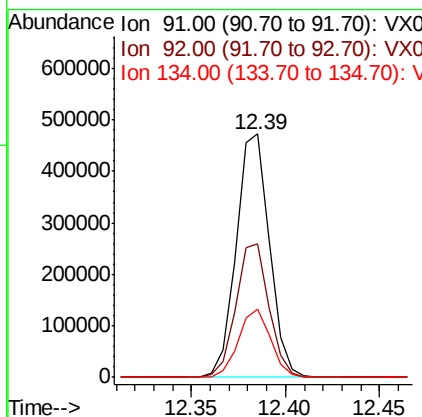
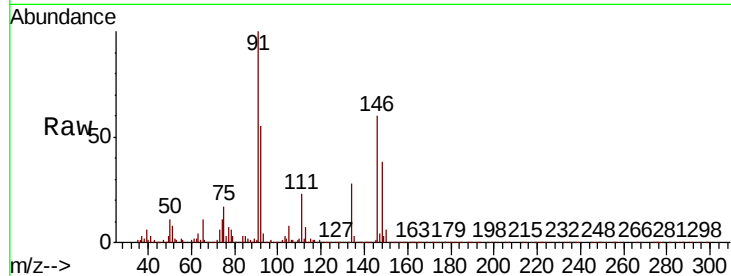




#85
n-Butylbenzene
Concen: 20.705 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

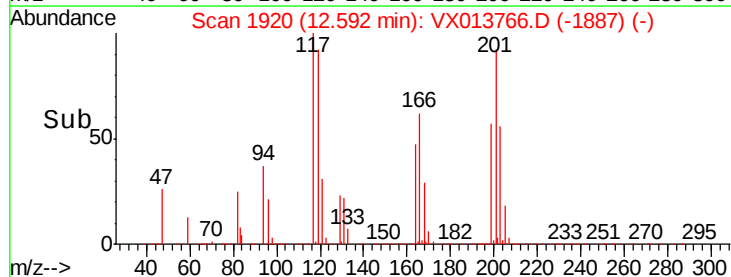
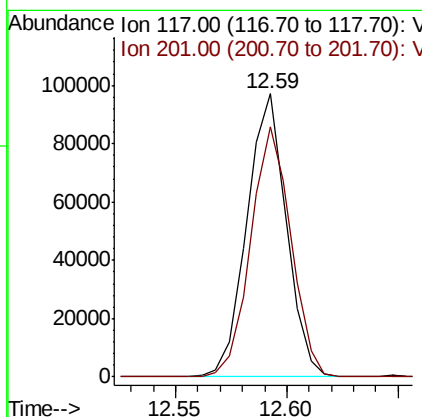
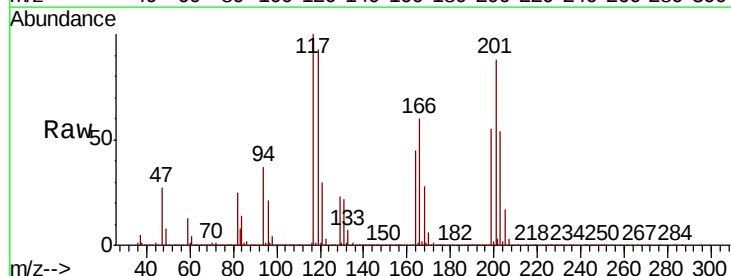
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

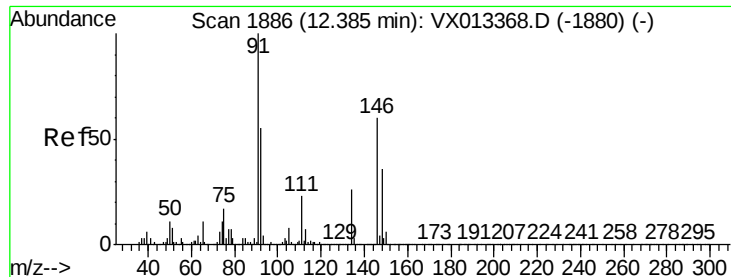
Tot Ion: 91 Resp: 574880
Ion Ratio Lower Upper
91 100
92 54.8 0.0 109.0
134 27.2 0.0 53.0



#86
Hexachloroethane
Concen: 20.282 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion: 117 Resp: 119732
Ion Ratio Lower Upper
117 100
201 89.8 44.5 133.3

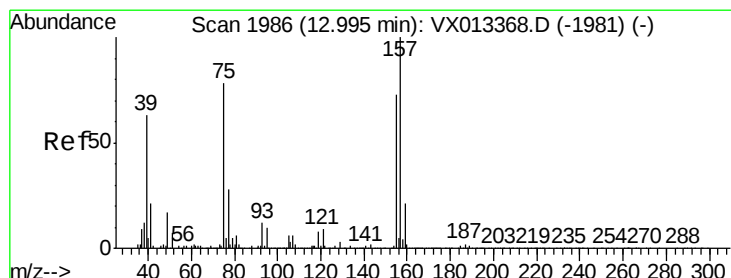
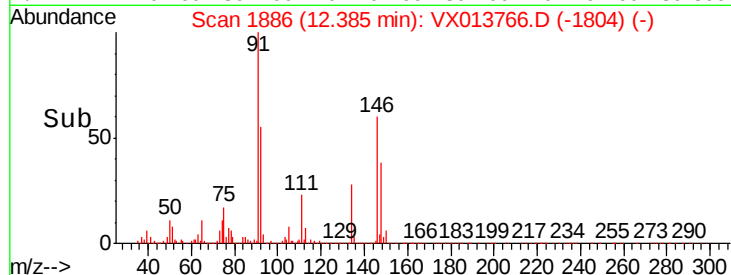
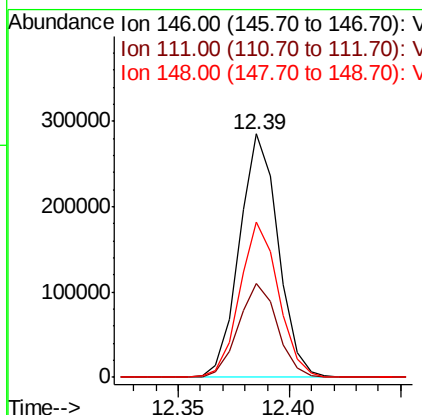
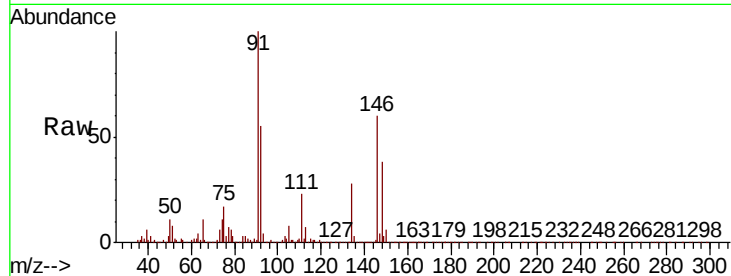




#87
 1,2-Dichlorobenzene
 Concen: 20.741 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

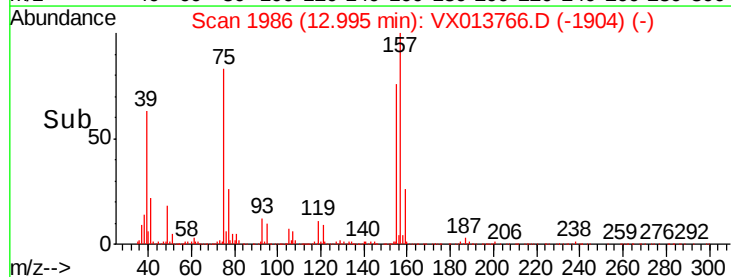
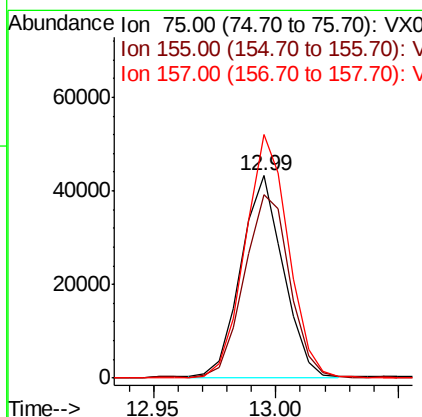
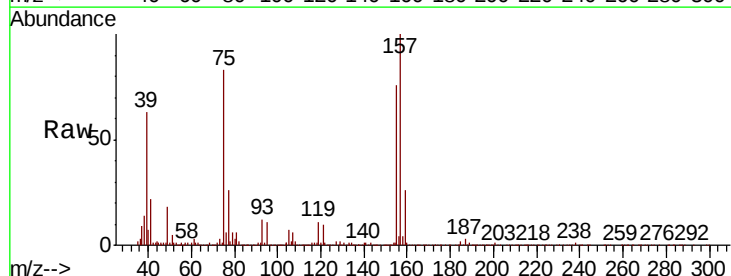
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

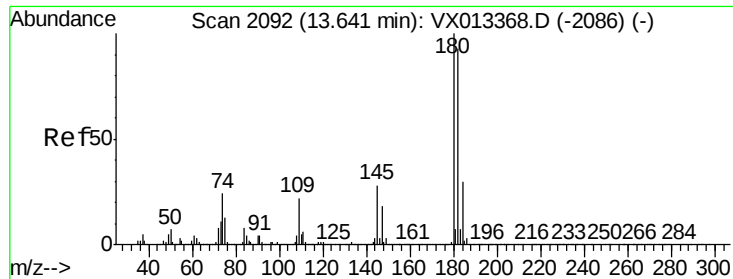
Tot Ion:146 Resp: 346991
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.7
 148 63.6 31.6 94.7



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.887 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013766.D
 Acq: 05 Dec 2019 10:27

Tgt Ion: 75 Resp: 51683
 Ion Ratio Lower Upper
 75 100
 155 97.7 76.9 115.3
 157 123.9 101.2 151.8

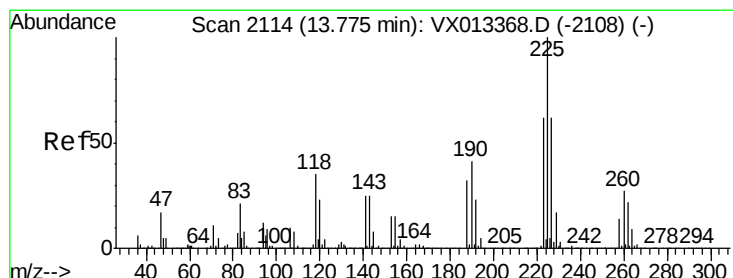
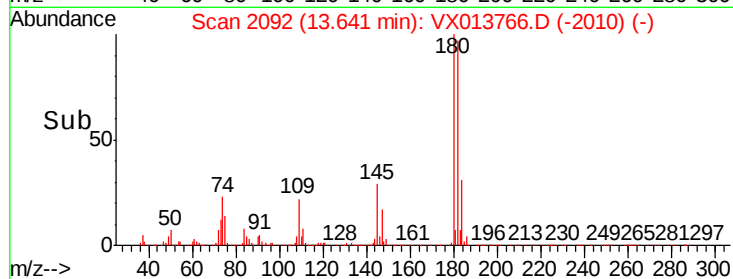
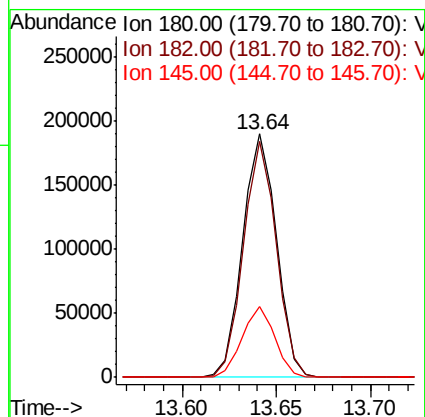
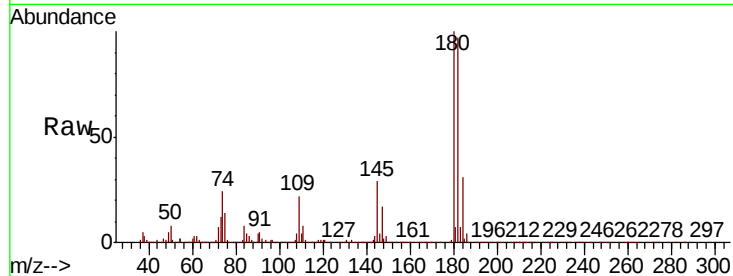




#89
1,2,4-Trichlorobenzene
Concen: 20.406 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

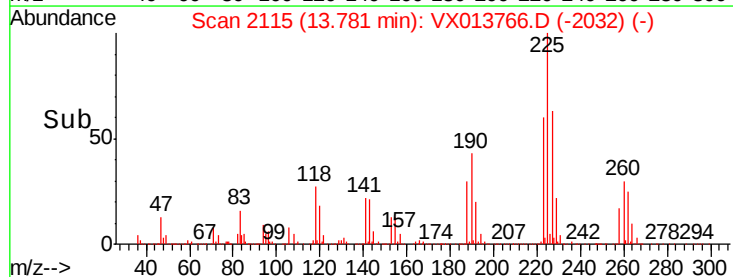
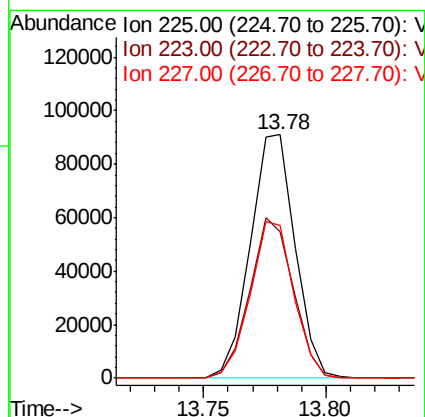
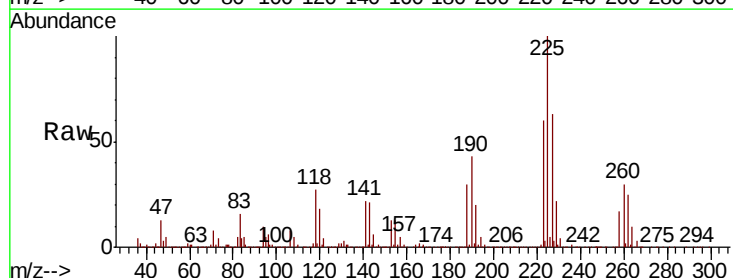
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

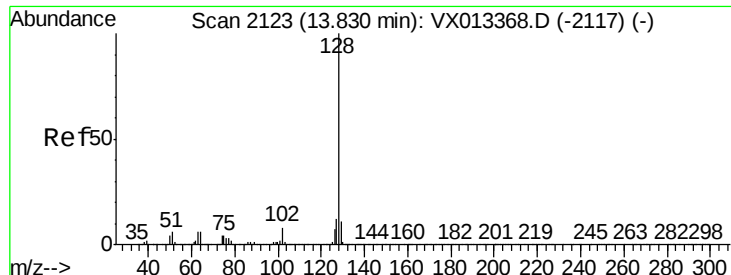
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.7	112.1
145	28.4	22.1	33.1



#90
Hexachlorobutadiene
Concen: 20.920 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	0.0	123.0
227	63.1	0.0	121.8

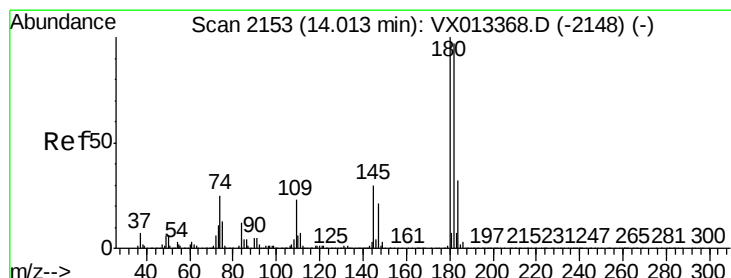
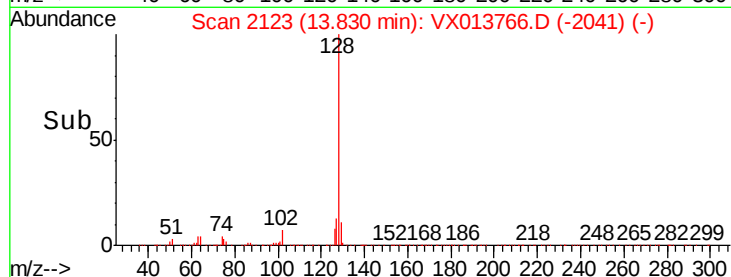
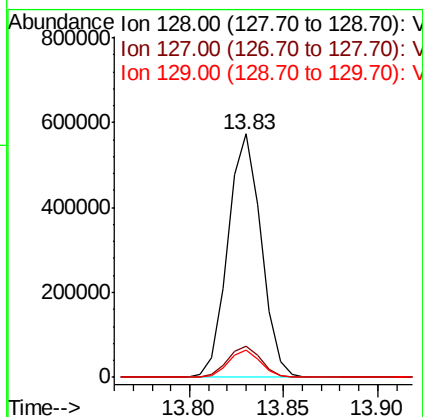
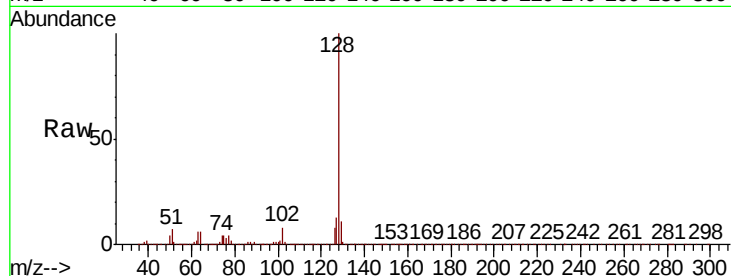




#91
Naphthalene
Concen: 19.277 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.8	13.2



#92
1,2,3-Trichlorobenzene
Concen: 20.135 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013766.D
Acq: 05 Dec 2019 10:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	191.0
145	29.4	0.0	59.0

