

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014082.D
 Acq On : 18 Dec 2019 04:57
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Dec 18 07:24:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	91228	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	502655	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	451453	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	192593	29.48	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.27%
60) 4-Bromofluorobenzene	11.13	95	214956	29.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.30%
63) Toluene-d8	8.71	98	618378	30.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	83534	18.127	ug/l 96
3) Chloromethane	1.32	50	125617	19.340	ug/l 95
4) Vinyl Chloride	1.40	62	128566	19.309	ug/l 97
5) Bromomethane	1.64	94	73019	15.002	ug/l 93
6) Chloroethane	1.72	64	84222	20.479	ug/l 97
7) Trichlorofluoromethane	1.92	101	157042	18.955	ug/l 98
8) Diethyl Ether	2.18	74	74641	19.600	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91004	18.417	ug/l 100
10) 1,1-Dichloroethene	2.37	96	97722	19.129	ug/l 96
11) Methyl Iodide	2.50	142	123812	18.827	ug/l 97
12) Methyl Acetate	2.76	43	157119	19.867	ug/l 94
13) Acrolein	2.28	56	83660	87.218	ug/l 99
14) Acrylonitrile	3.13	53	309770	100.195	ug/l 100
15) Acetone	2.43	58	132585	145.984	ug/l 97
16) Carbon Disulfide	2.56	76	264211	19.092	ug/l 97
17) Allyl chloride	2.72	41	170048	18.524	ug/l 95
18) Methylene Chloride	2.85	84	116067	18.542	ug/l 94
19) trans-1,2-Dichloroethene	3.15	96	106272	18.997	ug/l 96
20) Diisopropyl ether	3.84	45	354513	18.821	ug/l 92
21) 1,1-Dichloroethane	3.69	63	193882	18.965	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	122733	18.926	ug/l 98
23) tert-Butyl Alcohol	2.76	59	14166	11.682	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	324500	18.804	ug/l 98
25) Chloroform	5.20	83	187690	19.257	ug/l 100
26) Cyclohexane	5.58	56	169369	18.580	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	140213	19.311	ug/l 99
30) 2-Butanone	4.65	43	492558	115.094	ug/l 100
31) 2,2-Dichloropropane	4.57	77	107910	16.067	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	152488	18.988	ug/l 100
33) Carbon Tetrachloride	5.78	117	129134	18.916	ug/l 96
34) Benzene	6.14	78	449331	19.847	ug/l 98
35) Methacrylonitrile	5.03	41	92751	20.151	ug/l 94
36) 1,2-Dichloroethane	6.18	62	154038	19.587	ug/l 98
37) Trichloroethene	7.21	130	133542	21.678	ug/l 96
38) Methylcyclohexane	7.45	83	155965	18.008	ug/l 100
39) 1,2-Dichloropropane	7.51	63	114270	19.433	ug/l 96
40) Dibromomethane	7.65	93	75157	20.008	ug/l 99

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Quant Time: Dec 18 07:24:38 2019
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	139715	19.209	ug/l	99
42) Vinyl Acetate	3.81	43	595267	39.397	ug/l #	94
43) Ethyl Acetate	4.82	43	165743	20.183	ug/l #	80
44) Isopropyl Acetate	6.43	43	263345	19.147	ug/l	99
45) 1,4-Dioxane	7.73	88	46427	360.464	ug/l	97
46) Methyl methacrylate	7.76	41	126845	18.987	ug/l	97
47) n-amyl Acetate	10.89	43	221078	18.078	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	142558	17.958	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	163806	18.348	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	112240	19.361	ug/l	98
51) Ethyl methacrylate	9.17	69	173605	18.827	ug/l	97
52) 1,3-Dichloropropane	9.37	76	194345	19.732	ug/l	100
53) Dibromochloromethane	9.57	129	107177	18.489	ug/l	98
54) 1,2-Dibromoethane	9.67	107	118228	19.808	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	396447	97.530	ug/l	100
56) Bromoform	10.85	173	81323	17.990	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	839195	99.350	ug/l	99
59) 2-Hexanone	9.48	43	676543	105.540	ug/l	99
61) Tetrachloroethene	9.33	164	176251	29.511	ug/l	93
62) Toluene	8.78	91	474562	19.765	ug/l	99
64) Chlorobenzene	10.14	112	293787	19.530	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	105381	18.919	ug/l	99
66) Ethyl Benzene	10.25	91	511021	19.448	ug/l	100
67) m/p-Xylenes	10.35	106	389848	38.811	ug/l	98
68) o-Xylene	10.70	106	188730	18.966	ug/l	98
69) Styrene	10.71	104	320813	18.958	ug/l	99
70) Isopropylbenzene	11.01	105	496301	19.300	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	139797	15.330	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	184127	22.684	ug/l	92
73) Bromobenzene	11.25	156	129327	18.840	ug/l	98
74) n-propylbenzene	11.35	91	562735	19.294	ug/l	98
75) 2-Chlorotoluene	11.42	91	336426	19.090	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	410431	18.815	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	45465	16.961	ug/l	97
78) 4-Chlorotoluene	11.51	91	381247	18.932	ug/l	97
79) tert-butylbenzene	11.76	119	343578	16.341	ug/l	93
80) 1,2,4-Trimethylbenzene	11.80	105	408595	18.733	ug/l	98
81) sec-Butylbenzene	11.94	105	471644	18.859	ug/l	100
82) p-Isopropyltoluene	12.06	119	425576	18.857	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	223859	18.710	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	221371	18.581	ug/l	98
85) n-Butylbenzene	12.38	91	353035	18.605	ug/l	99
86) Hexachloroethane	12.59	117	69655	17.013	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	227379	18.710	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	33676	18.528	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	143451	18.469	ug/l	98
90) Hexachlorobutadiene	13.77	225	62424	16.908	ug/l	98
91) Naphthalene	13.83	128	448228	19.200	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	149204	18.939	ug/l	99

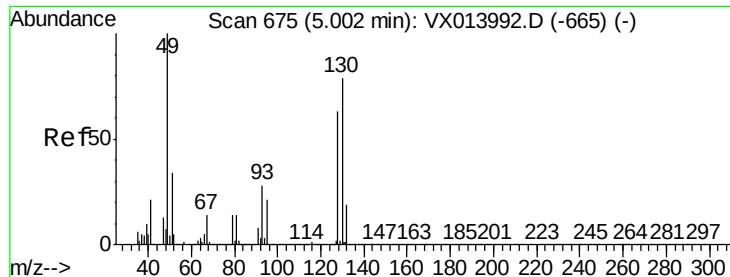
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
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QLast Update : Fri Dec 13 01:35:34 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

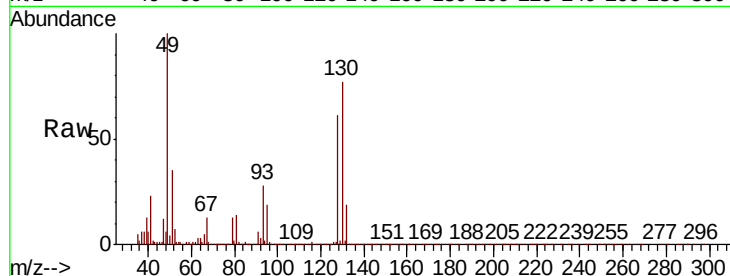
Tot Ion:128 Resp: 91228

Ion Ratio Lower Upper

128 100

49 162.7 0.0 405.0

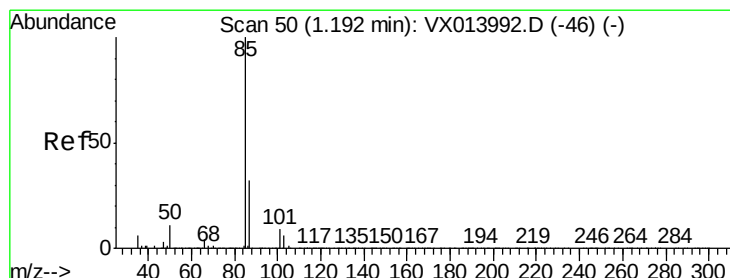
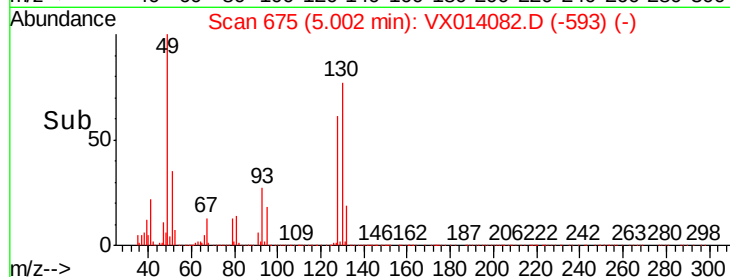
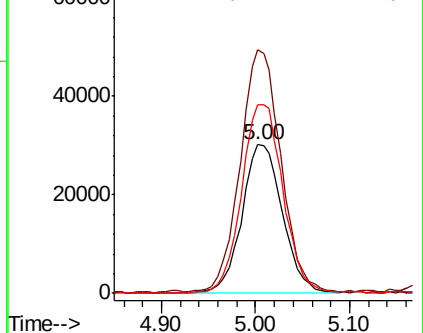
130 128.8 0.0 321.5



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: 18.127 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014082.D

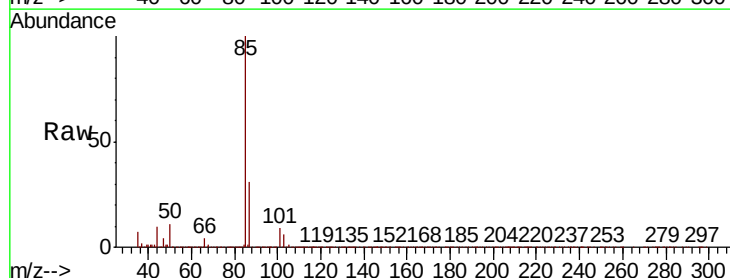
Acq: 18 Dec 2019 04:57

Tgt Ion: 85 Resp: 83534

Ion Ratio Lower Upper

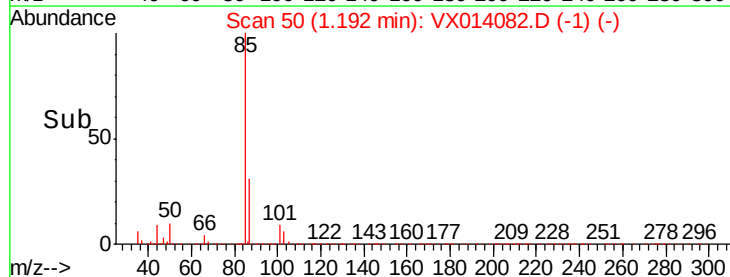
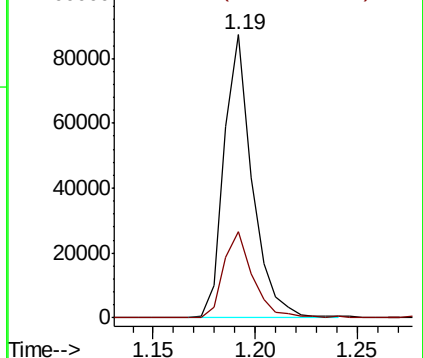
85 100

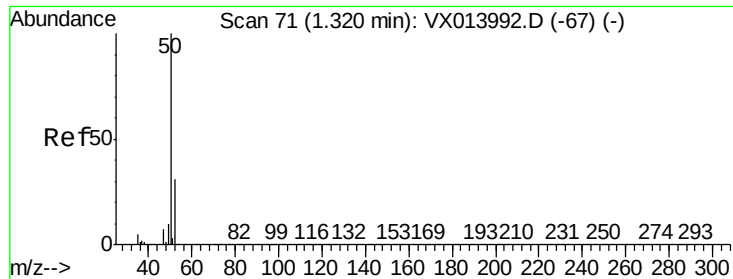
87 30.3 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

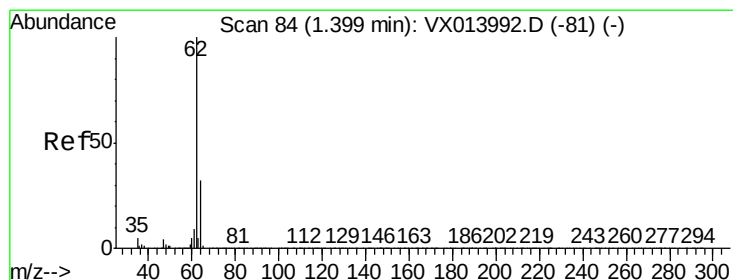
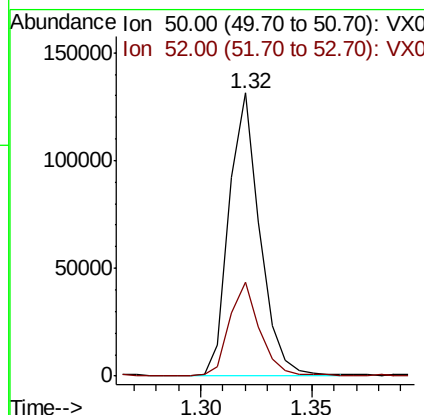
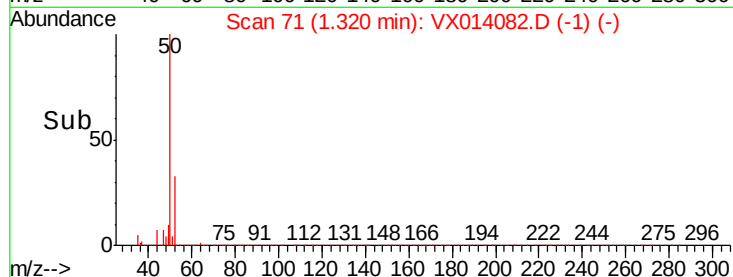
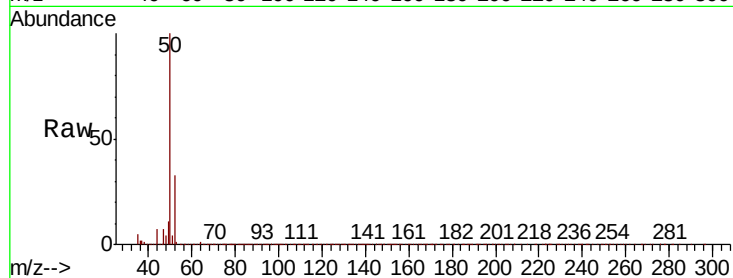




#3
Chloromethane
Concen: 19.340 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

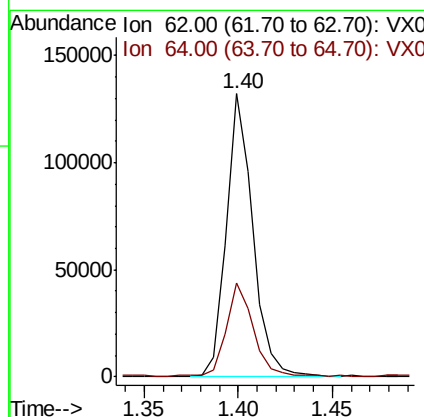
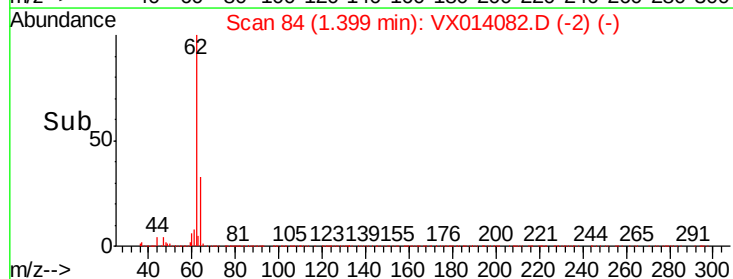
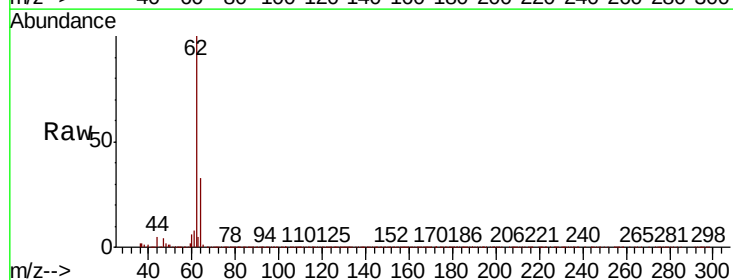
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

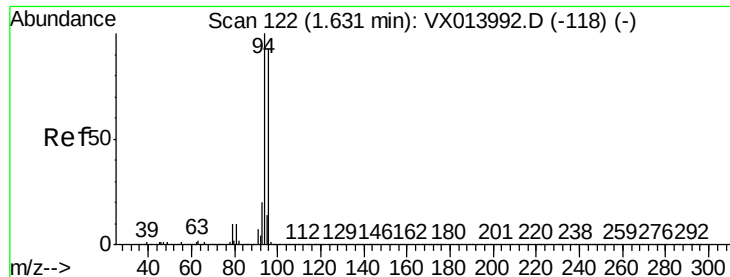
Tot Ion: 50 Resp: 125617
Ion Ratio Lower Upper
50 100
52 33.0 24.3 36.5



#4
Vinyl Chloride
Concen: 19.309 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion: 62 Resp: 128566
Ion Ratio Lower Upper
62 100
64 32.9 25.2 37.8





#5

Bromomethane

Concen: 15.002 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

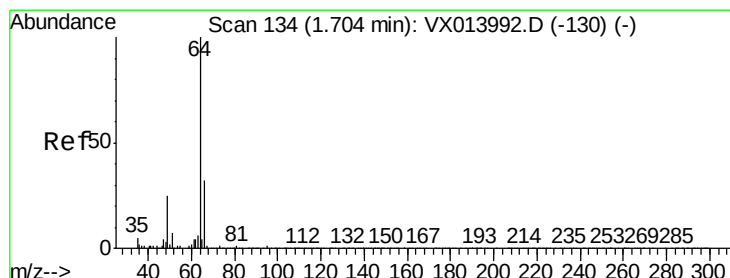
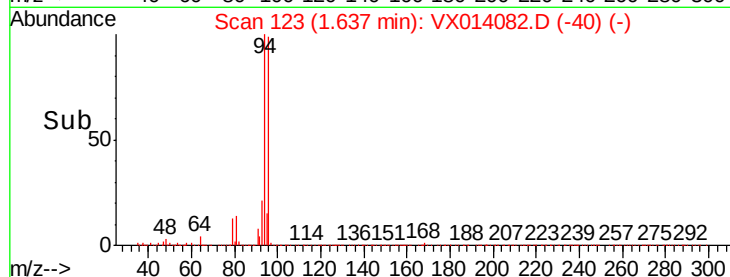
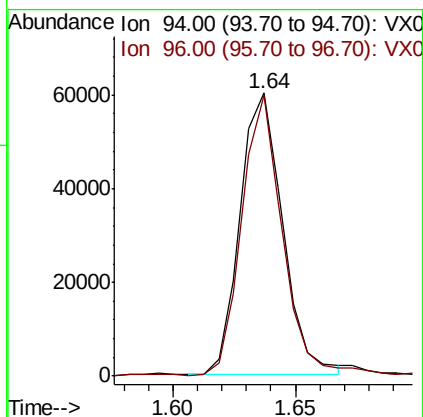
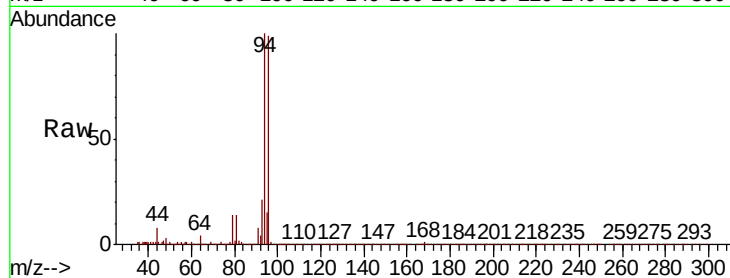
VSTDCCC020EC

Tot Ion: 94 Resp: 73019

Ion Ratio Lower Upper

94 100

96 99.6 74.4 111.6



#6

Chloroethane

Concen: 20.479 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.02 min

Lab File: VX014082.D

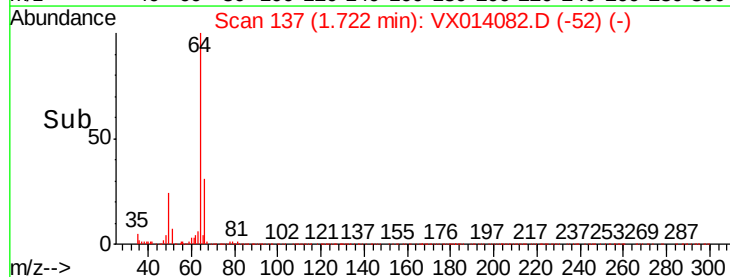
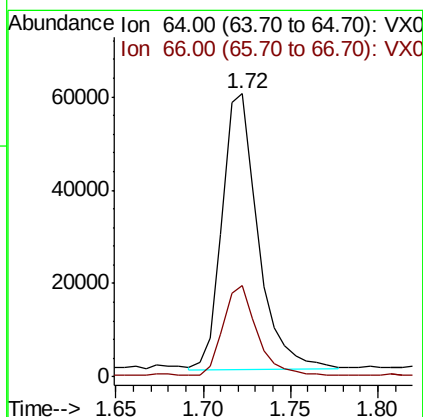
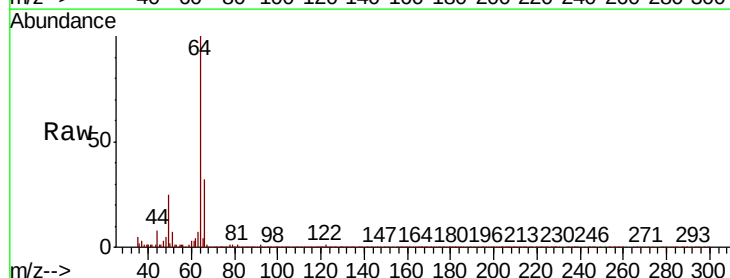
Acq: 18 Dec 2019 04:57

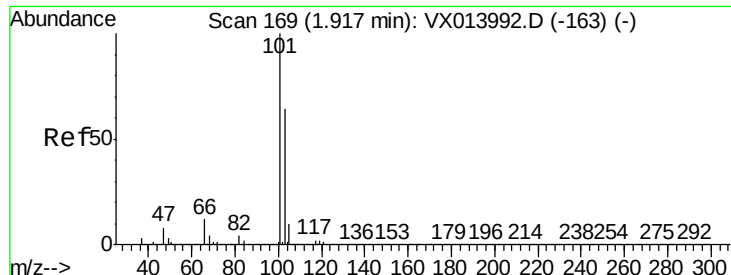
Tgt Ion: 64 Resp: 84222

Ion Ratio Lower Upper

64 100

66 32.9 25.2 37.8



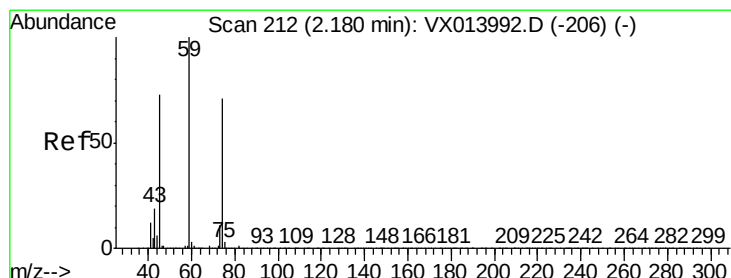
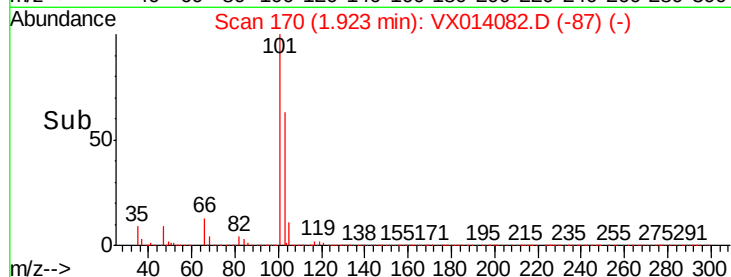
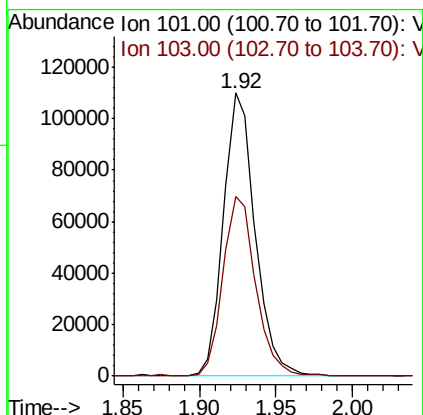
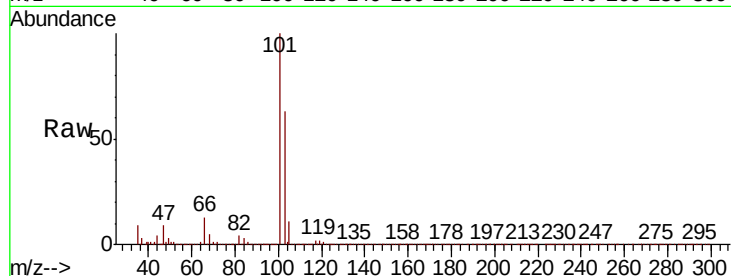


#7

Trichlorofluoromethane
Concen: 18.955 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Instrument :
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ClientSampleId :
VSTDCCC020EC

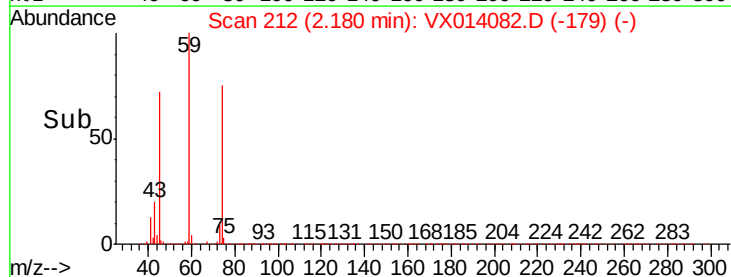
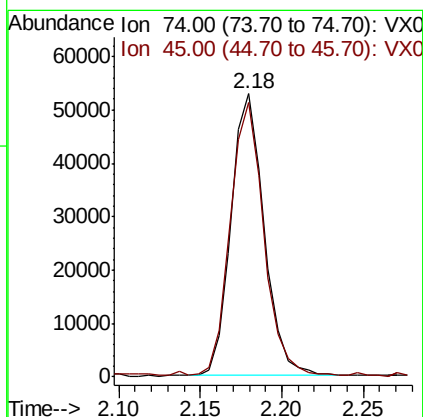
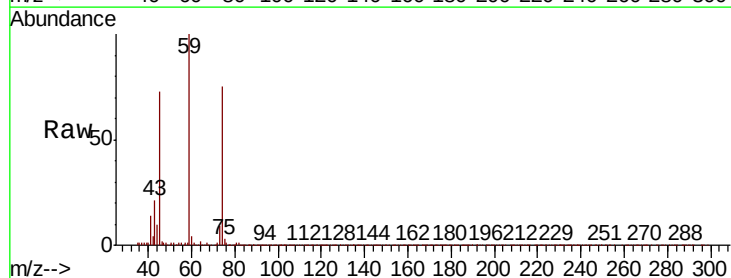
Tot Ion:101 Resp: 157042
Ion Ratio Lower Upper
101 100
103 63.2 51.6 77.4

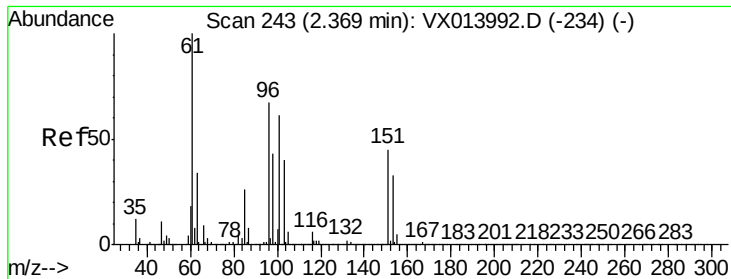


#8

Diethyl Ether
Concen: 19.600 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion: 74 Resp: 74641
Ion Ratio Lower Upper
74 100
45 98.3 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.417 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

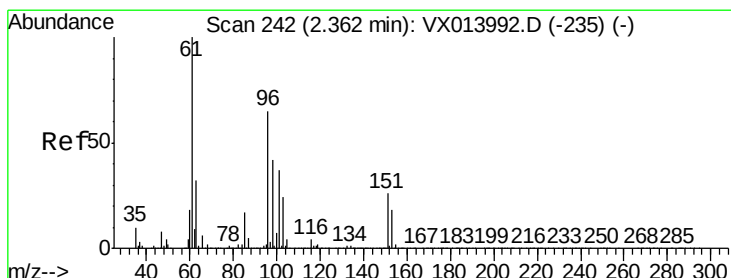
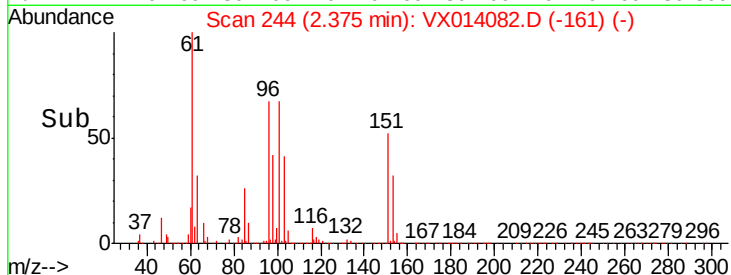
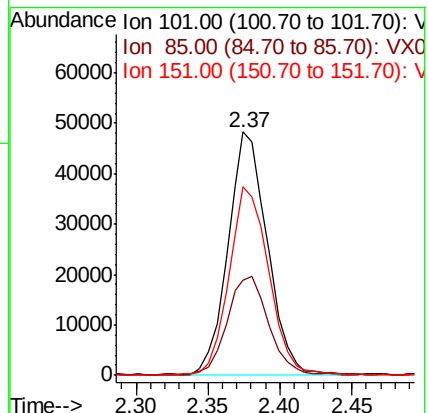
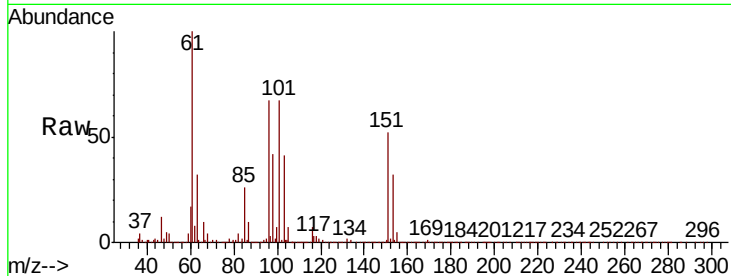
Tot Ion:101 Resp: 91004

Ion Ratio Lower Upper

101 100

85 43.1 0.0 85.6

151 79.4 0.0 159.4



#10

1,1-Dichloroethene

Concen: 19.129 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

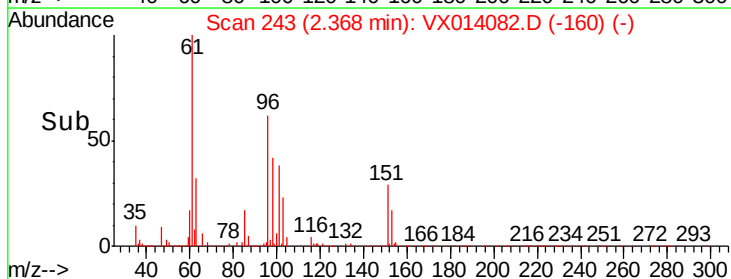
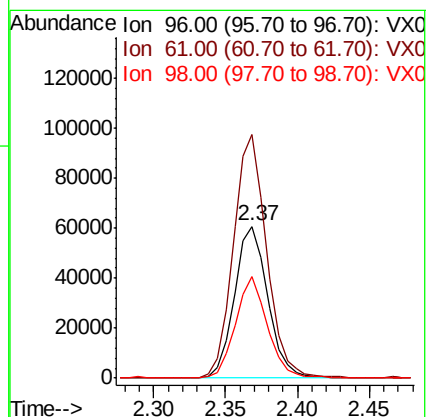
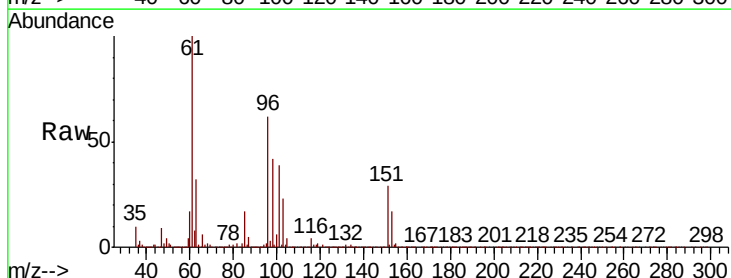
Tgt Ion: 96 Resp: 97722

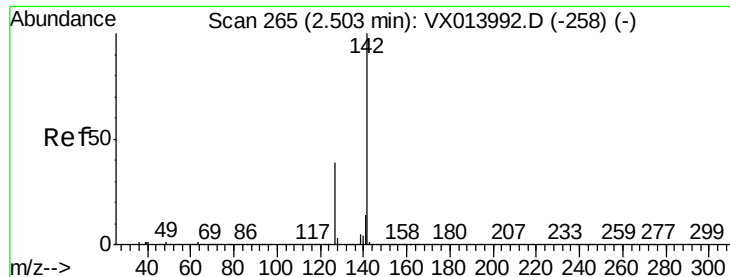
Ion Ratio Lower Upper

96 100

61 159.8 123.0 184.6

98 66.4 51.4 77.0

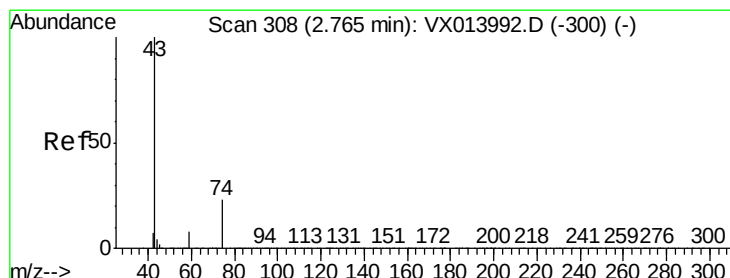
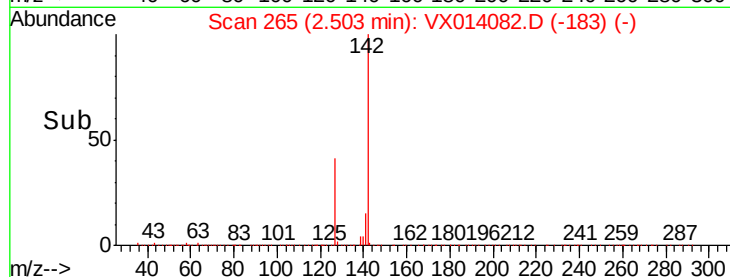
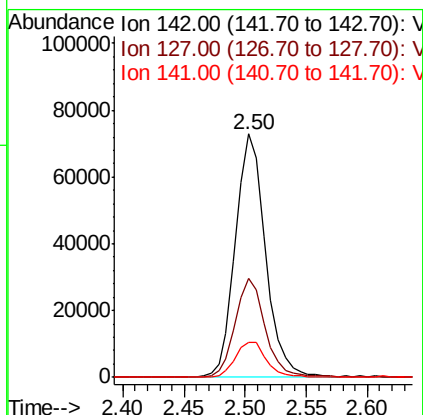
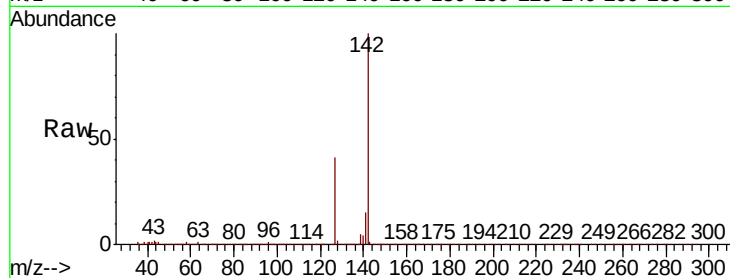




#11
Methvl Iodide
Concen: 18.827 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

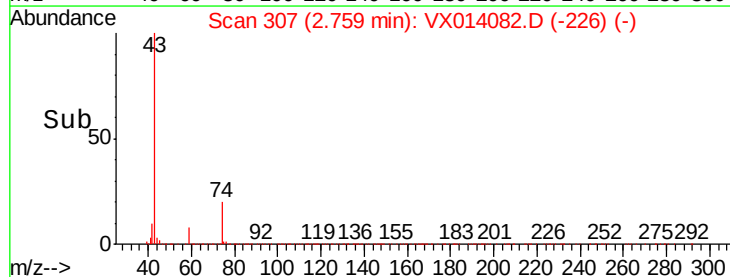
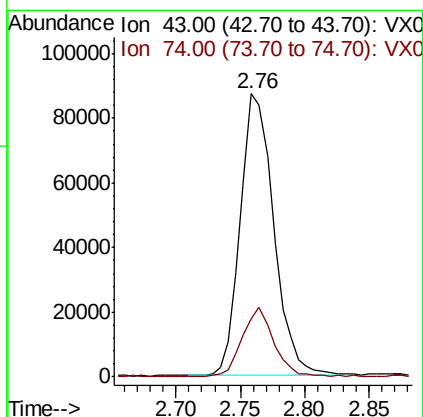
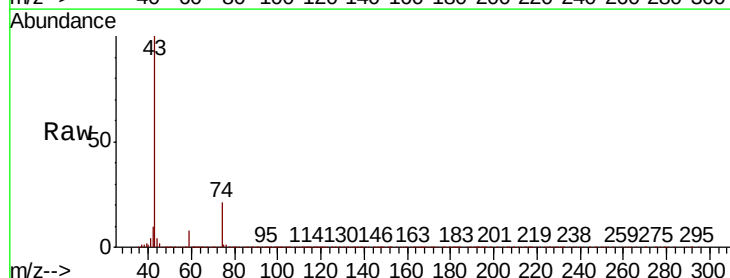
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

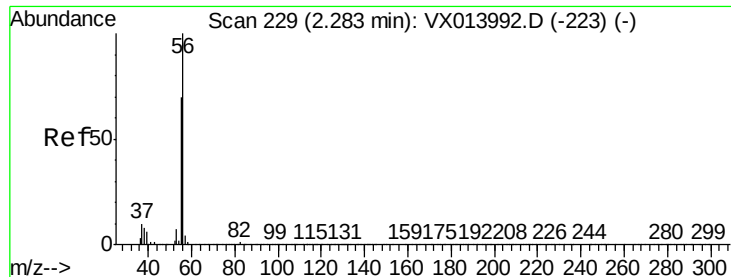
Tot Ion	Ratio	Lower	Upper
142	100		
127	40.8	19.5	58.5
141	14.4	7.0	20.9



#12
Methyl Acetate
Concen: 19.867 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	18.5	27.7





#13

Acrolein

Concen: 87.218 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

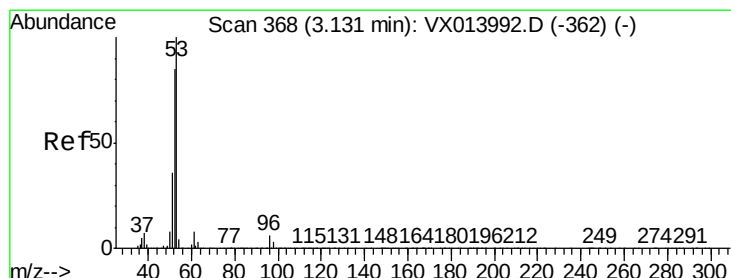
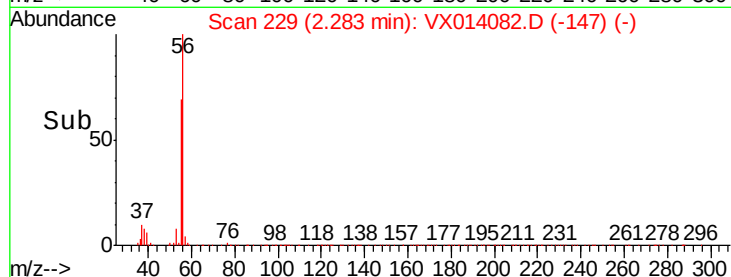
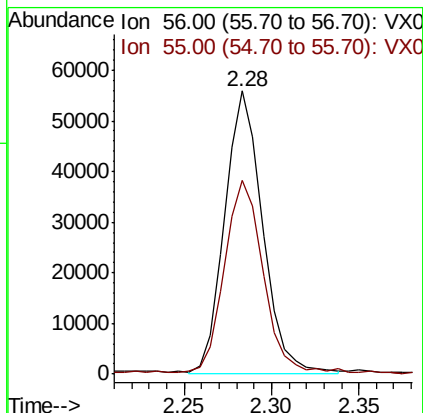
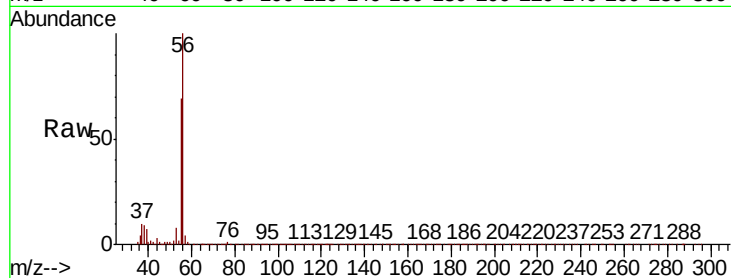
VSTDCCC020EC

Tot Ion: 56 Resp: 83660

Ion Ratio Lower Upper

56 100

55 69.3 54.9 82.3



#14

Acrylonitrile

Concen: 100.195 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

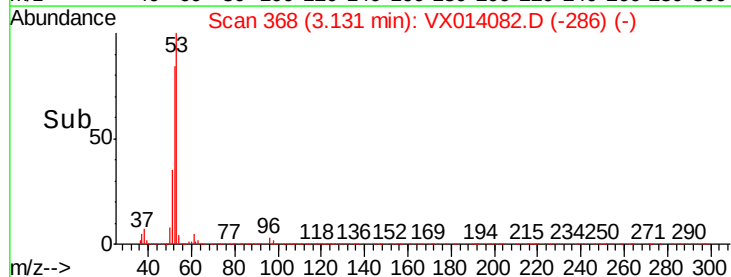
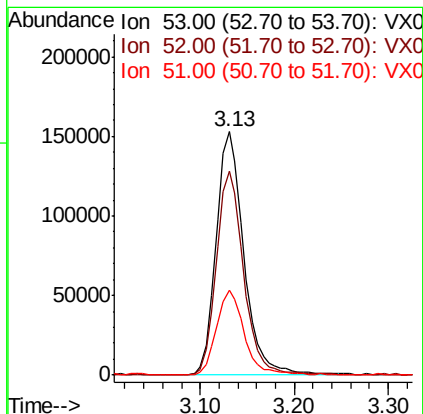
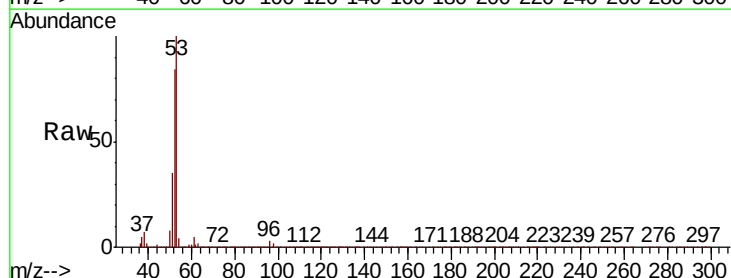
Tgt Ion: 53 Resp: 309770

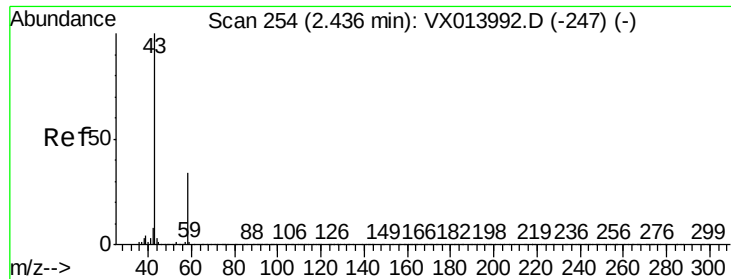
Ion Ratio Lower Upper

53 100

52 82.6 41.5 124.6

51 35.5 17.8 53.5





#15

Acetone

Concen: 145.984 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

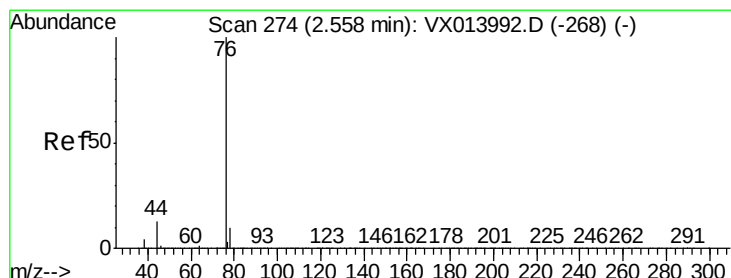
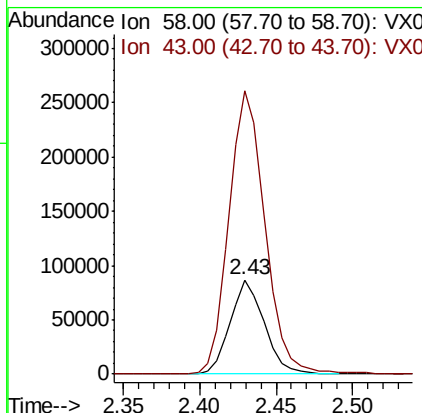
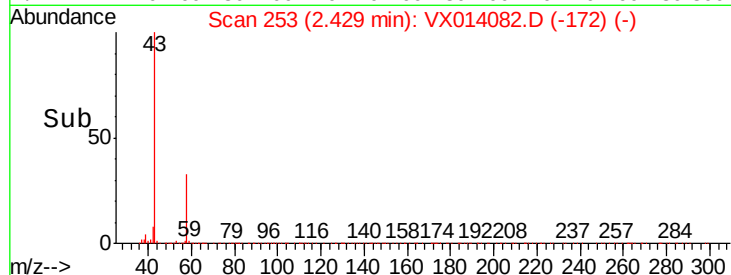
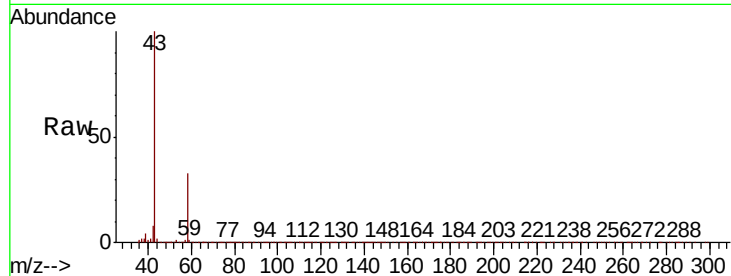
VSTDCCC020EC

Tot Ion: 58 Resp: 132585

Ion Ratio Lower Upper

58 100

43 301.0 236.3 354.5



#16

Carbon Disulfide

Concen: 19.092 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014082.D

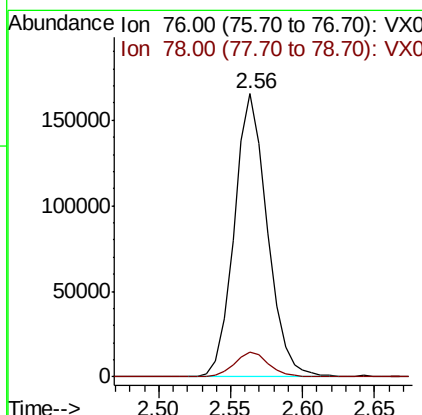
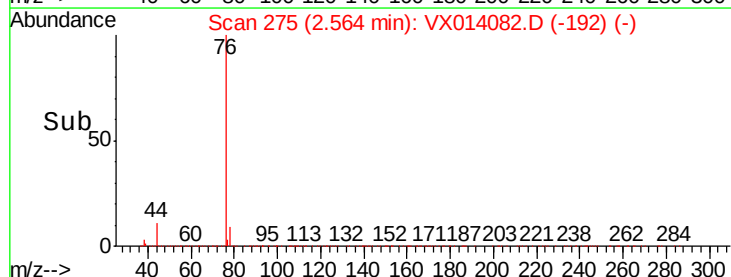
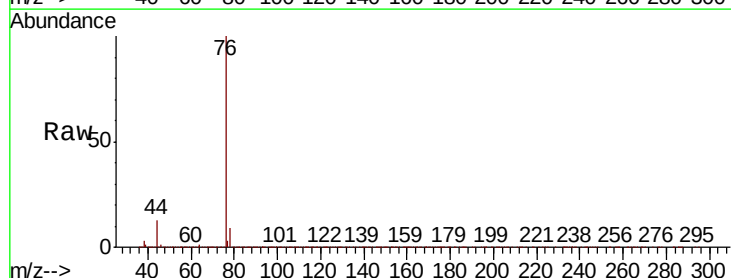
Acq: 18 Dec 2019 04:57

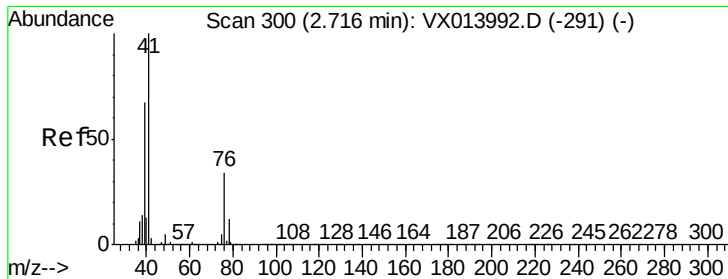
Tgt Ion: 76 Resp: 264211

Ion Ratio Lower Upper

76 100

78 8.8 7.8 11.8

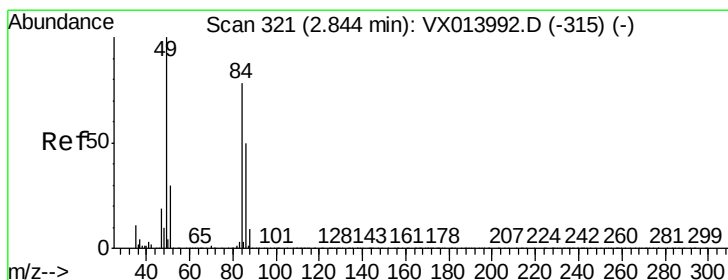
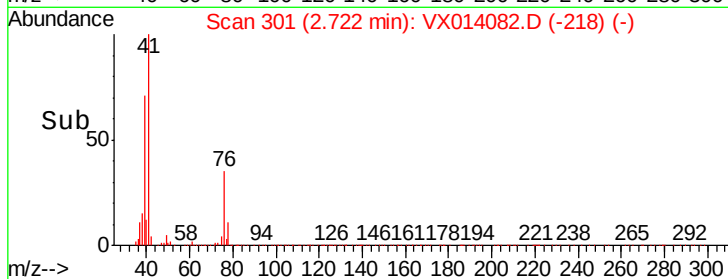
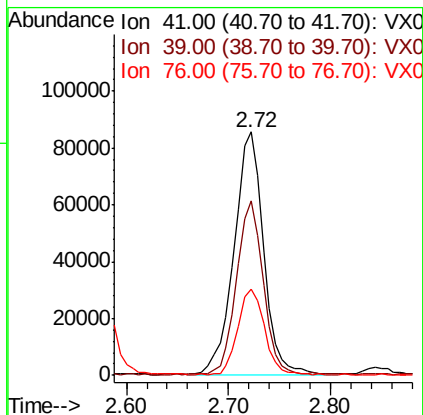
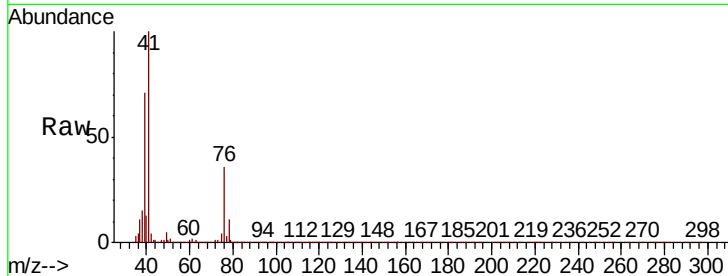




#17
Allvl chloride
Concen: 18.524 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

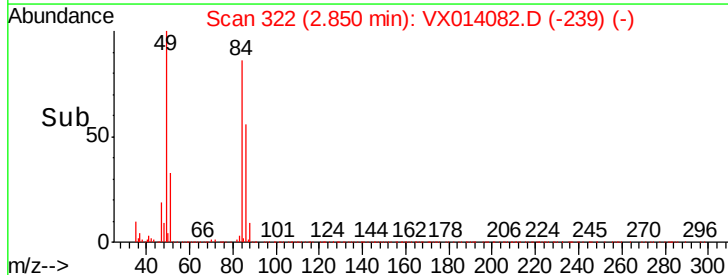
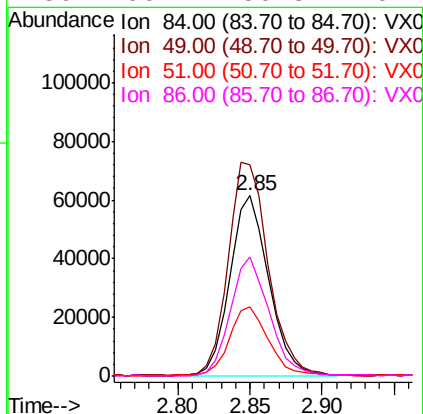
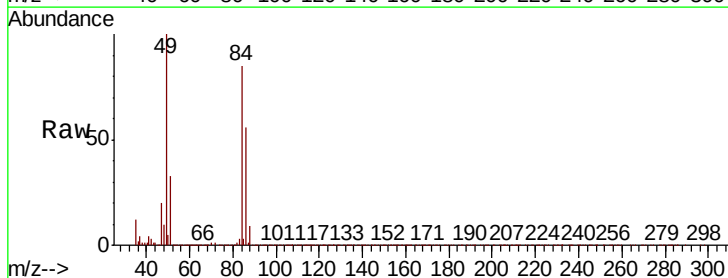
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

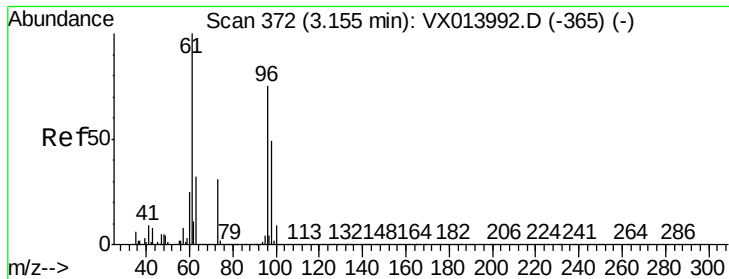
Tot Ion: 41 Resp: 170048
Ion Ratio Lower Upper
41 100
39 71.4 33.4 100.2
76 35.5 17.0 50.9



#18
Methylene Chloride
Concen: 18.542 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion: 84 Resp: 116067
Ion Ratio Lower Upper
84 100
49 117.3 102.2 153.2
51 37.7 31.4 47.0
86 66.2 50.8 76.2

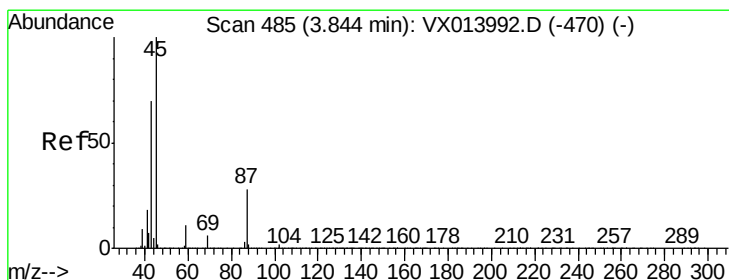
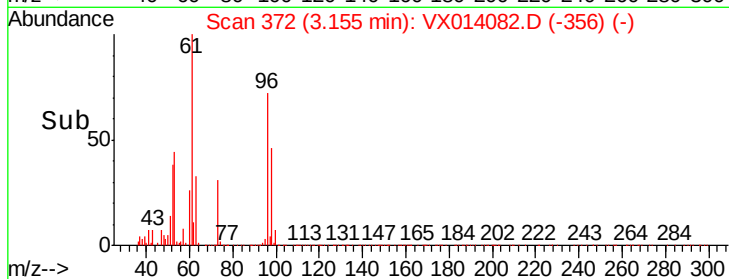
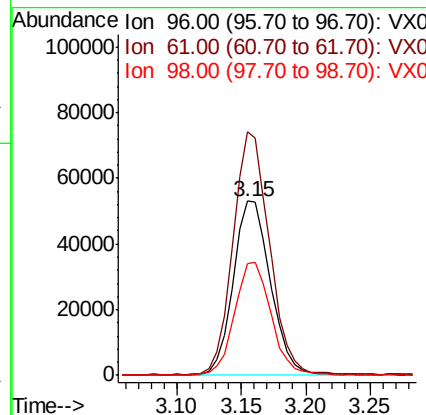
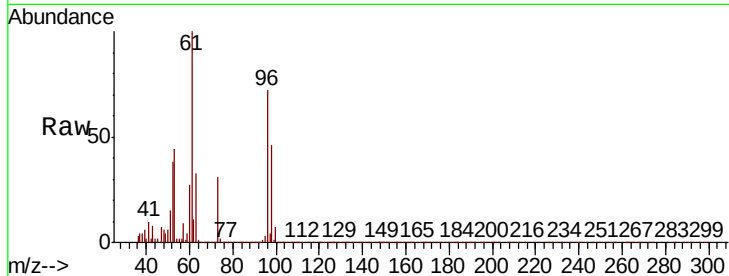




#19
trans-1,2-Dichloroethene
Concen: 18.997 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

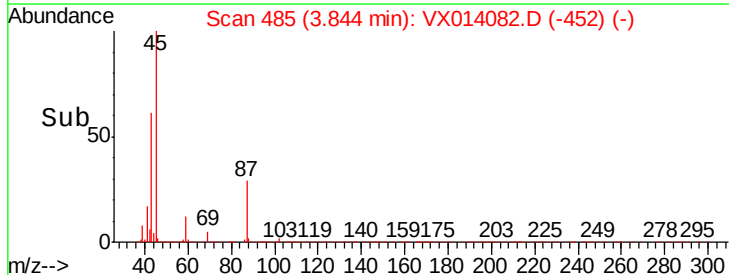
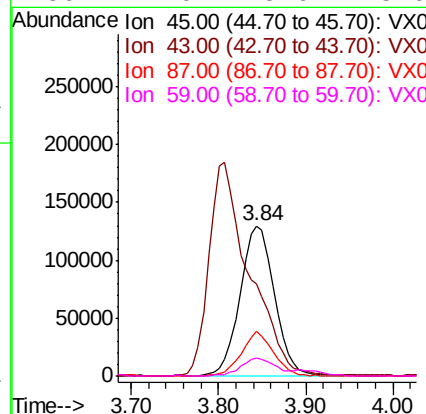
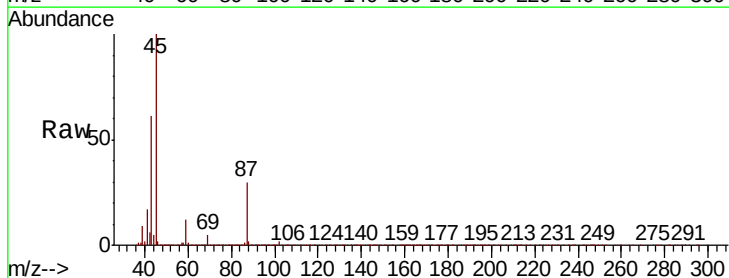
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

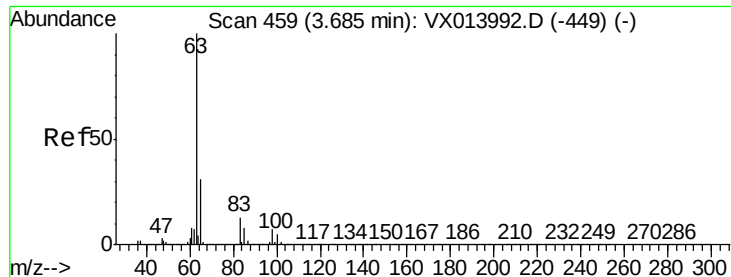
Tot Ion: 96 Resp: 106272
Ion Ratio Lower Upper
96 100
61 139.0 106.6 159.8
98 63.9 51.6 77.4



#20
Diisopropyl ether
Concen: 18.821 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion: 45 Resp: 354513
Ion Ratio Lower Upper
45 100
43 60.7 55.9 83.9
87 29.5 22.2 33.2
59 12.0 8.6 13.0





#21

1,1-Dichloroethane

Concen: 18.965 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

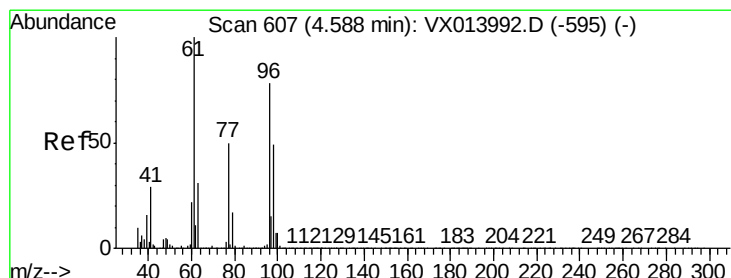
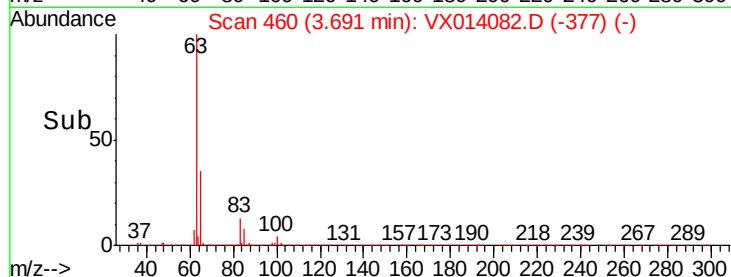
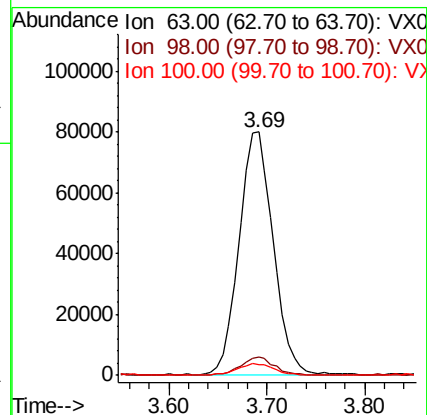
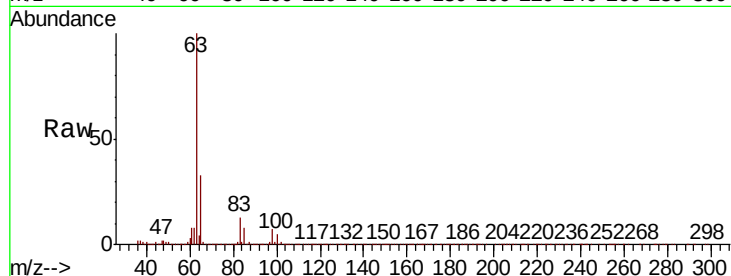
Tot Ion: 63 Resp: 193882

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.5 2.5 7.4



#22

cis-1,2-Dichloroethene

Concen: 18.926 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

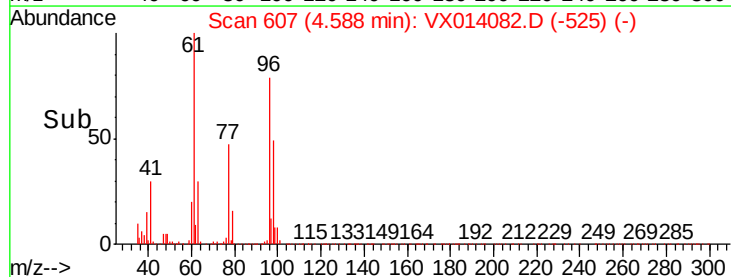
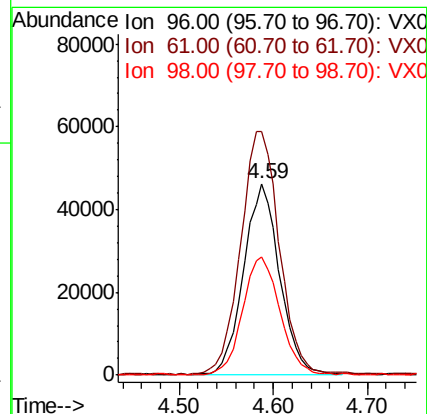
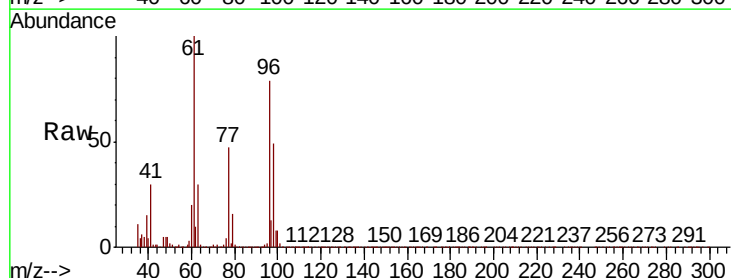
Tgt Ion: 96 Resp: 122733

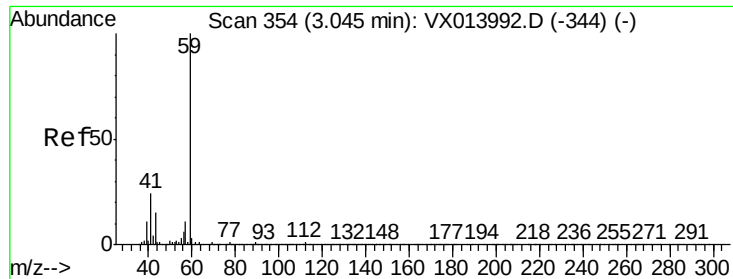
Ion Ratio Lower Upper

96 100

61 139.0 112.4 168.6

98 64.8 50.3 75.5



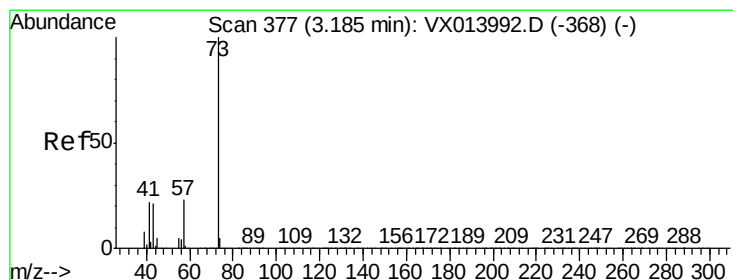
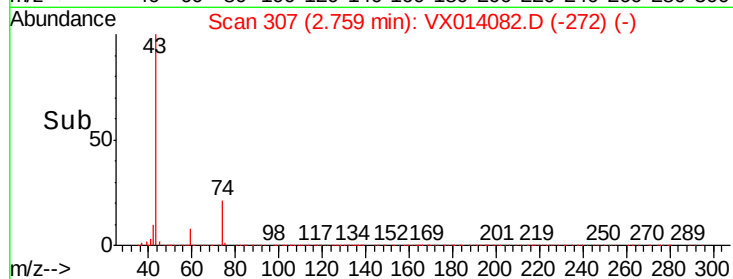
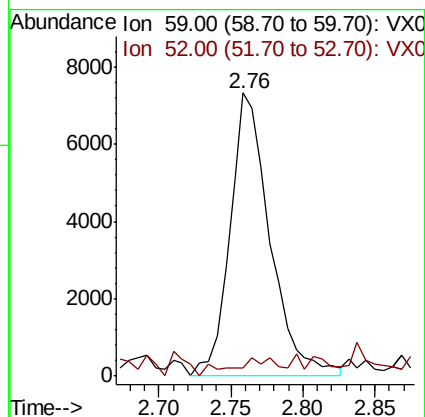
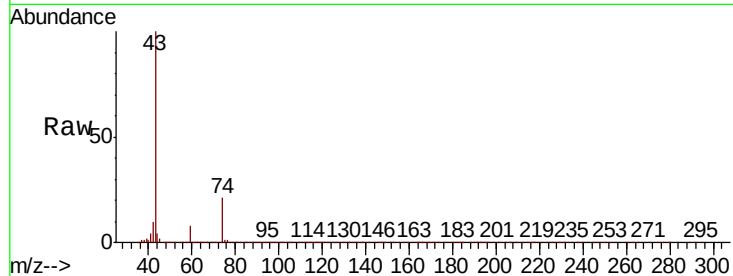


#23

tert-Butyl Alcohol
Concen: 11.682 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.29 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

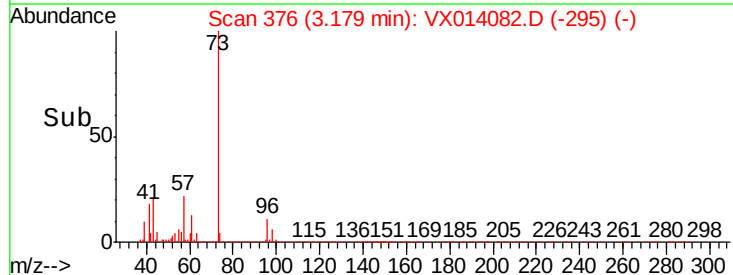
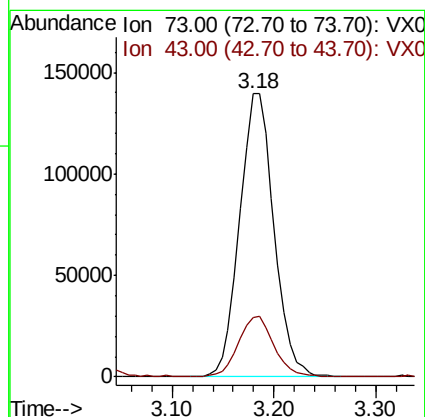
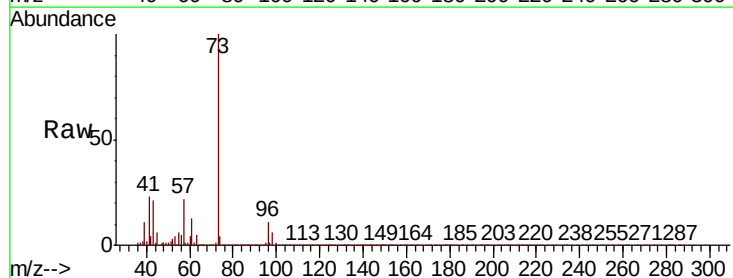
Tot Ion: 59 Resp: 14166
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

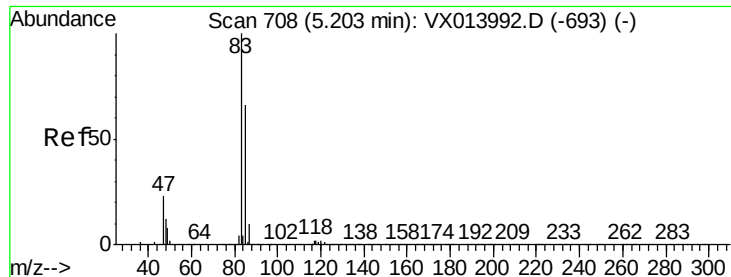


#24

Methyl tert-Butyl Ether
Concen: 18.804 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion: 73 Resp: 324500
Ion Ratio Lower Upper
73 100
43 21.7 16.6 25.0





#25

Chloroform

Concen: 19.257 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

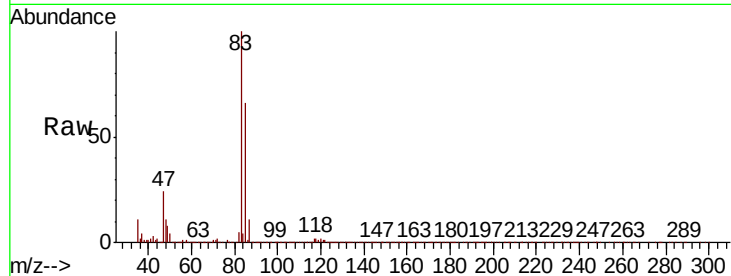
VSTDCCC020EC

Tot Ion: 83 Resp: 187690

Ion Ratio Lower Upper

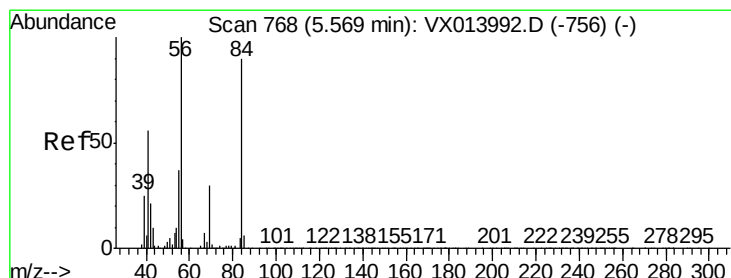
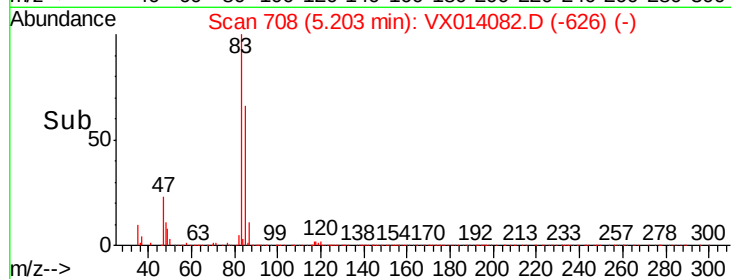
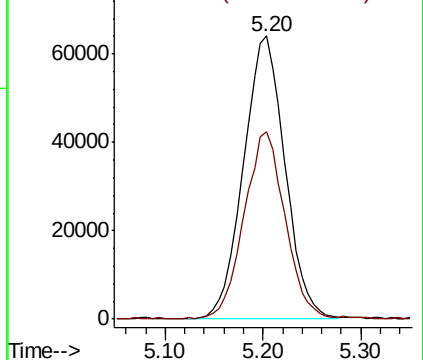
83 100

85 65.6 52.7 79.1



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 18.580 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

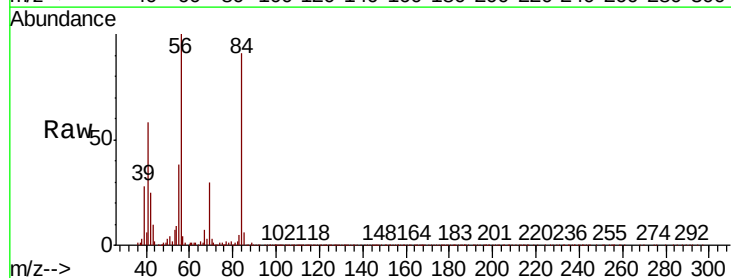
Tgt Ion: 56 Resp: 169369

Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

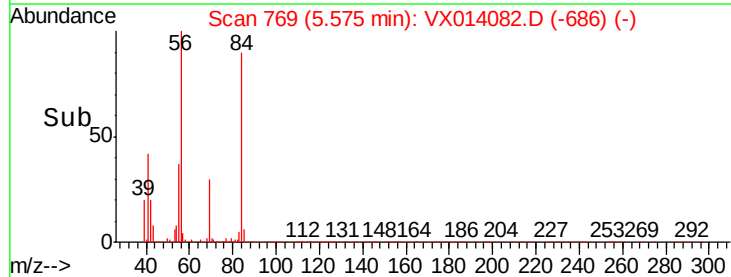
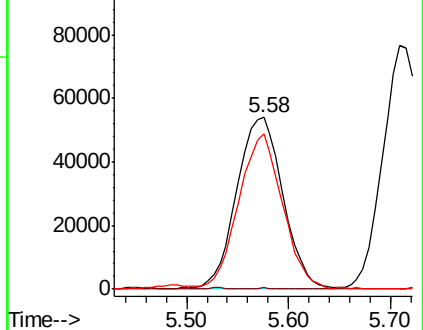
84 85.4 70.8 106.2

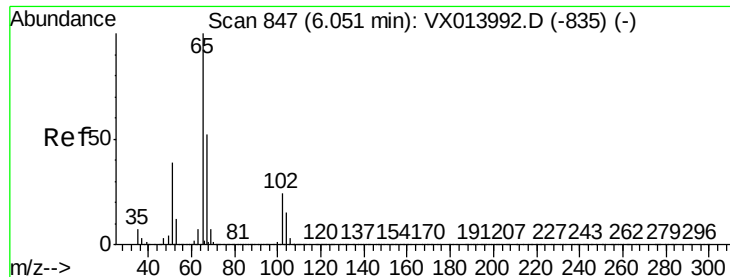


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.478 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

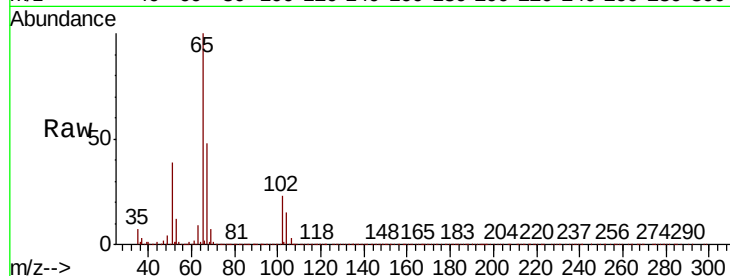
VSTDCCC020EC

Tot Ion: 65 Resp: 192593

Ion Ratio Lower Upper

65 100

67 52.9 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.06

80000

60000

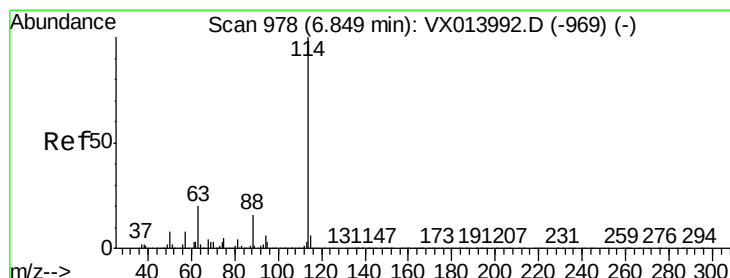
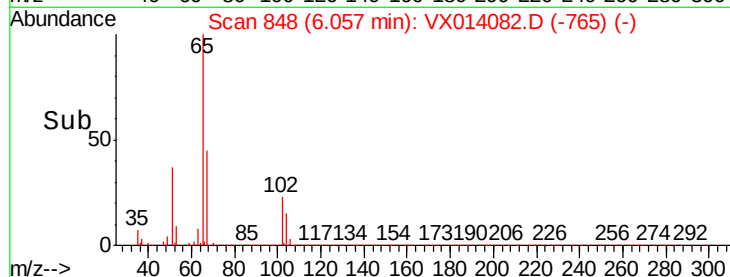
40000

20000

0

5.95 6.00 6.05 6.10 6.15

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

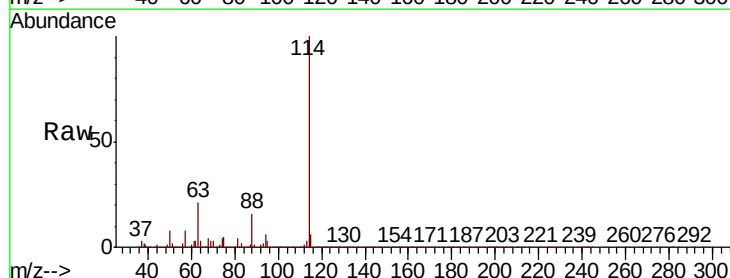
Tgt Ion: 114 Resp: 502655

Ion Ratio Lower Upper

114 100

63 19.9 16.1 24.1

88 15.9 12.5 18.7



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

300000

250000

200000

150000

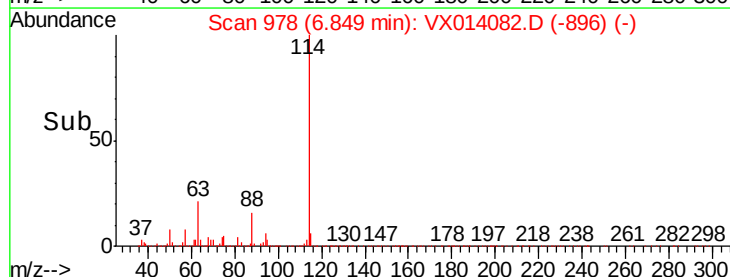
100000

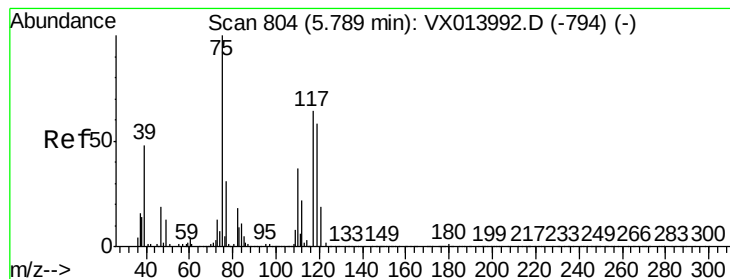
50000

0

6.70 6.80 6.90 7.00

Time-->





#29

1,1-Dichloropropene

Concen: 19.311 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

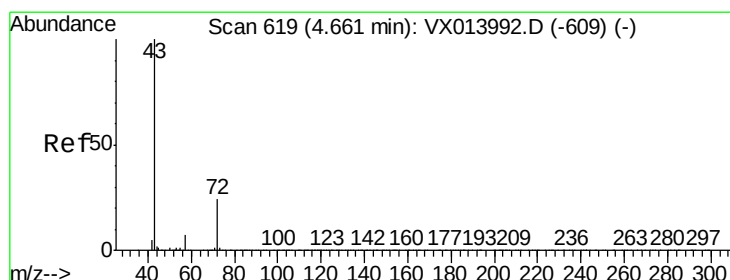
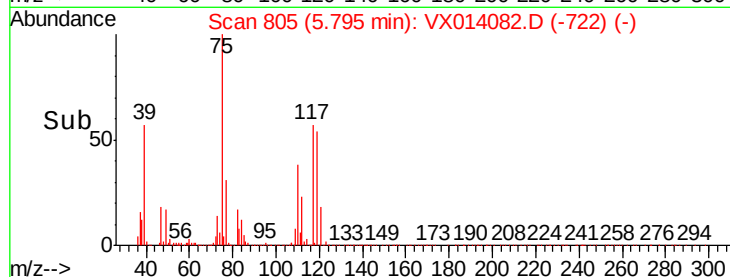
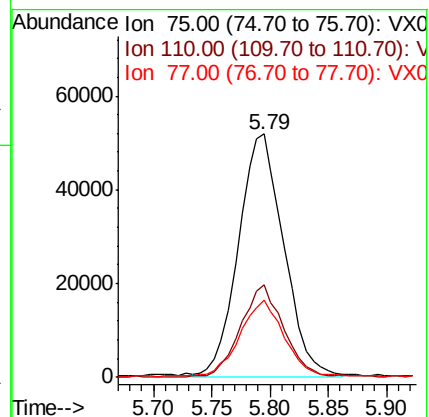
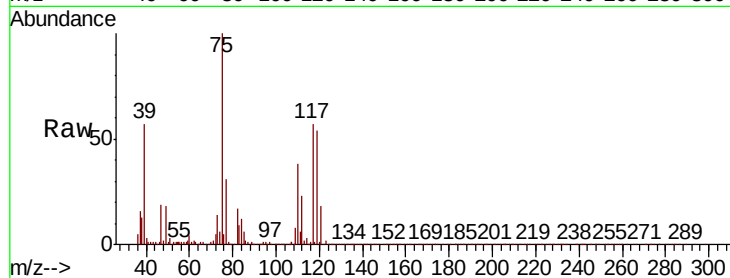
Tot Ion: 75 Resp: 140213

Ion Ratio Lower Upper

75 100

110 36.4 0.0 73.8

77 30.4 0.0 62.4



#30

2-Butanone

Concen: 115.094 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

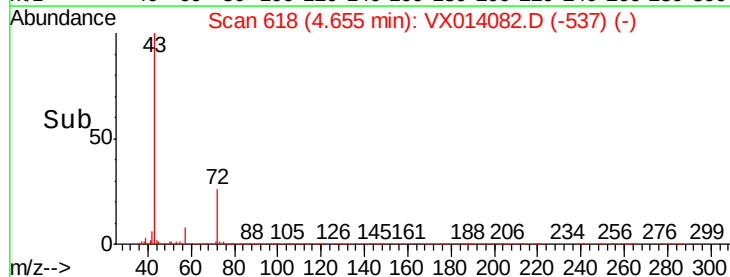
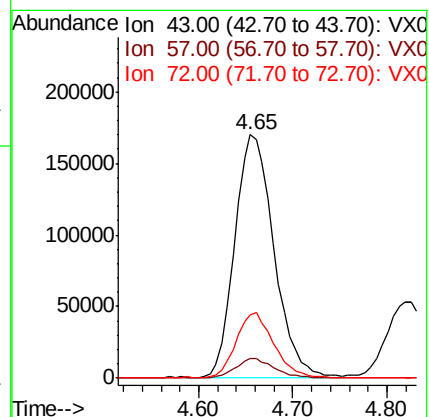
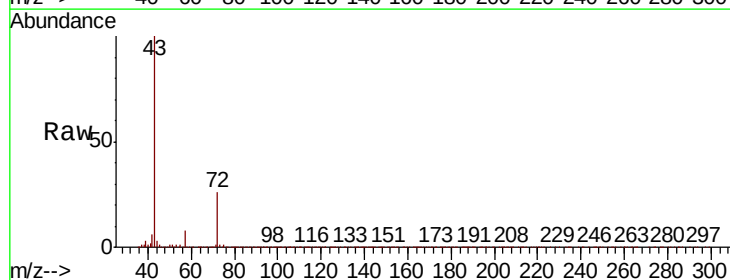
Tgt Ion: 43 Resp: 492558

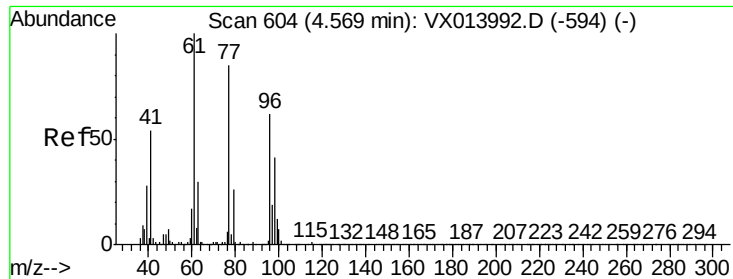
Ion Ratio Lower Upper

43 100

57 7.6 6.2 9.2

72 25.7 20.3 30.5

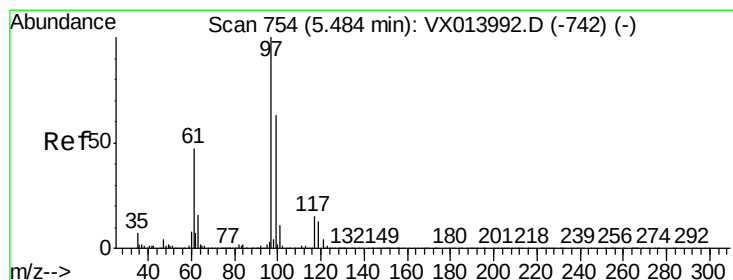
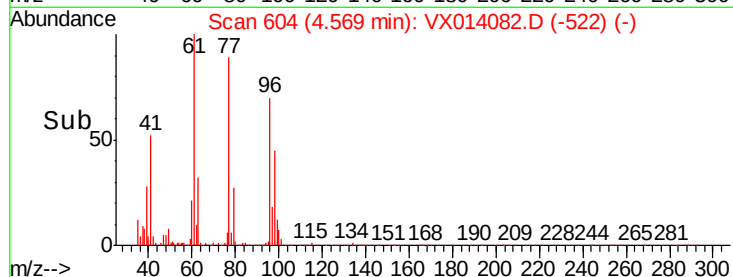
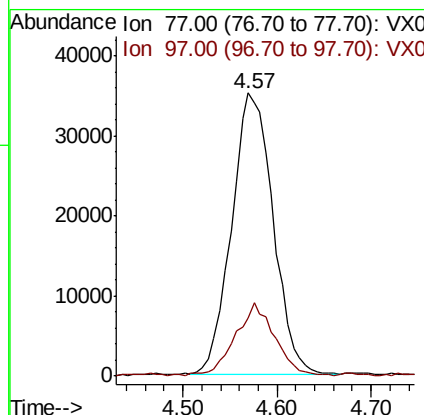
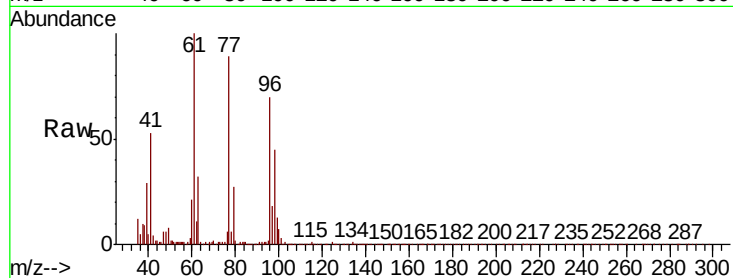




#31
 2,2-Dichloropropane
 Concen: 16.067 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VX014082.D
 Acq: 18 Dec 2019 04:57

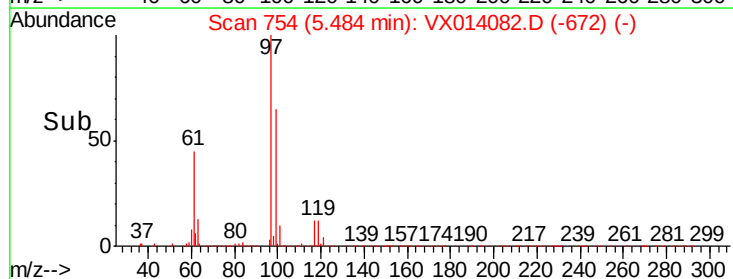
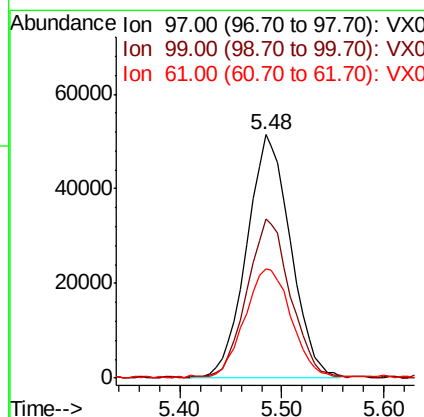
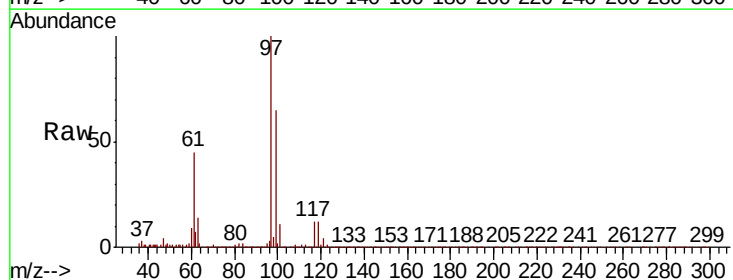
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

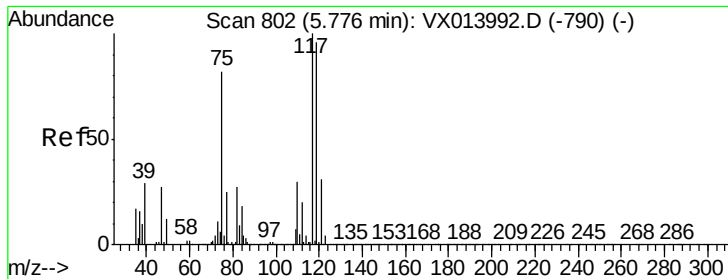
Tot Ion: 77 Resp: 107910
 Ion Ratio Lower Upper
 77 100
 97 25.0 19.7 29.5



#32
 1,1,1-Trichloroethane
 Concen: 18.988 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX014082.D
 Acq: 18 Dec 2019 04:57

Tgt Ion: 97 Resp: 152488
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.9 77.9
 61 46.4 36.8 55.2

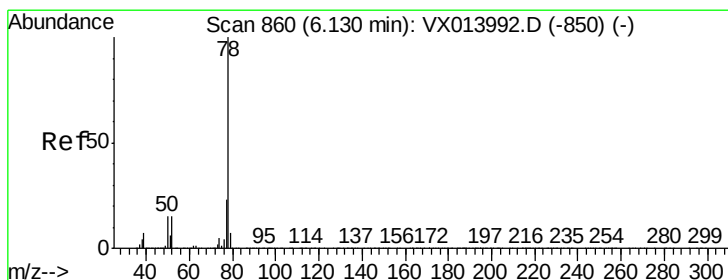
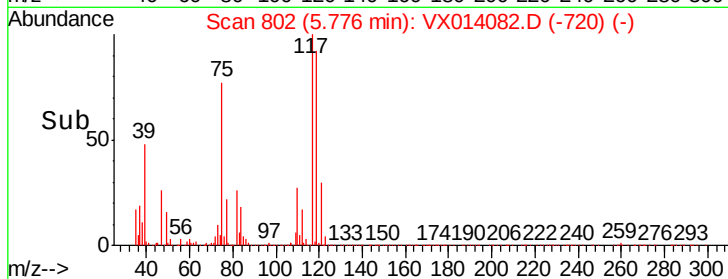
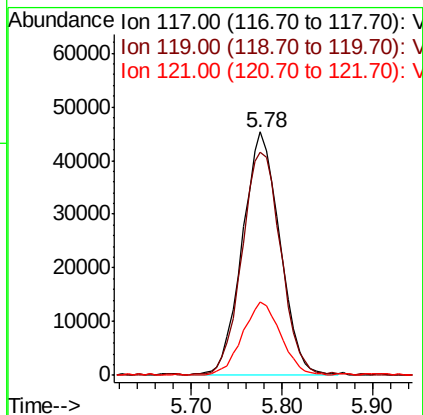
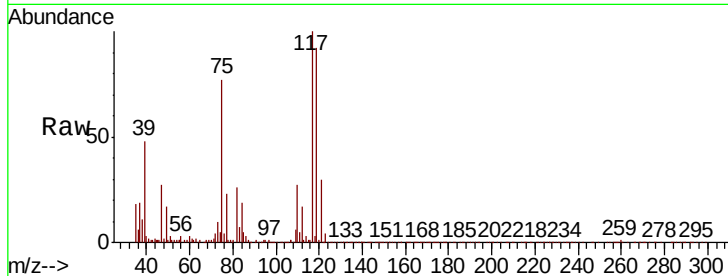




#33
Carbon Tetrachloride
Concen: 18.916 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

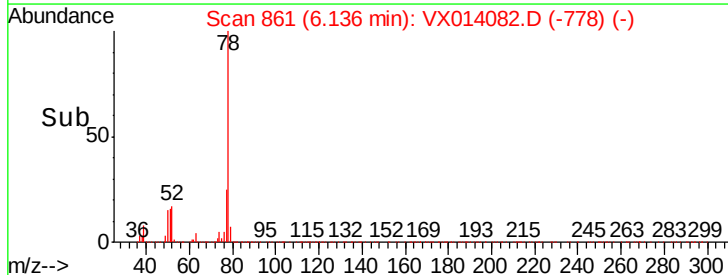
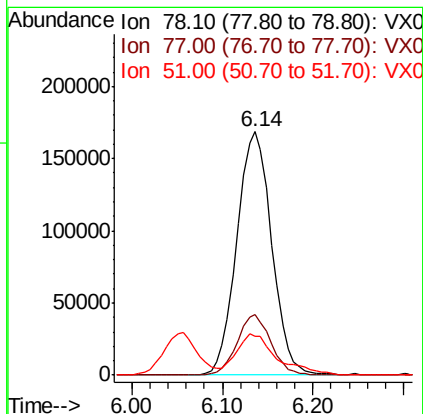
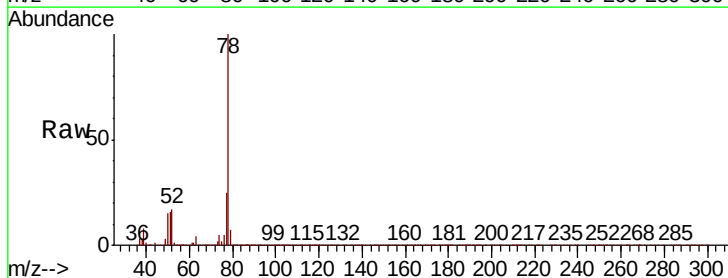
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

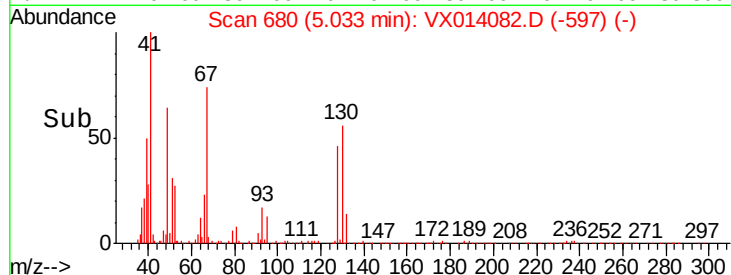
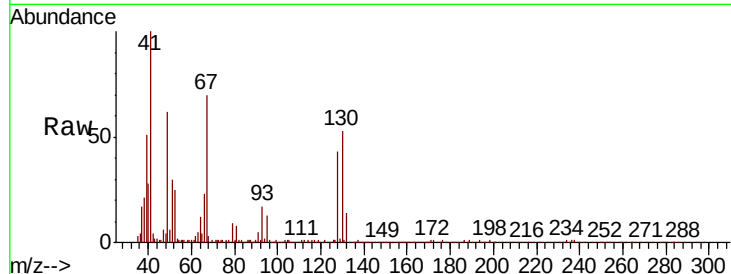
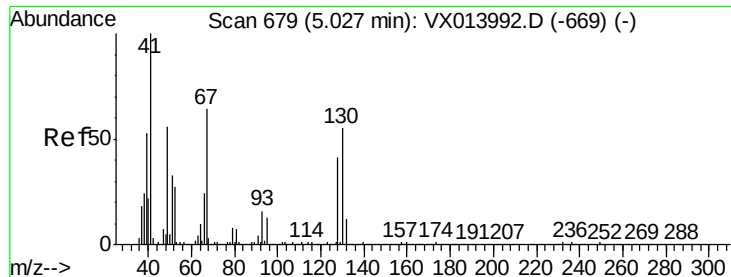
Tot Ion	Ratio	Lower	Upper
117	100		
119	92.0	77.2	115.8
121	29.8	24.8	37.2



#34
Benzene
Concen: 19.847 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.2	27.2
51	15.4	12.4	18.6

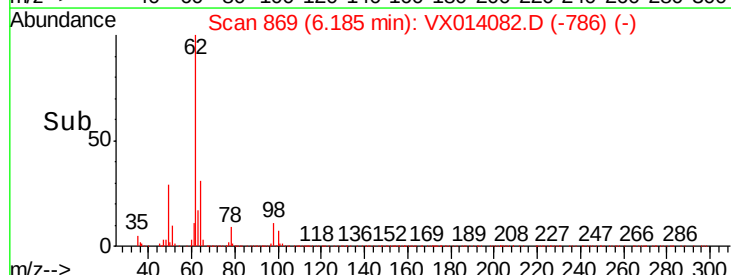
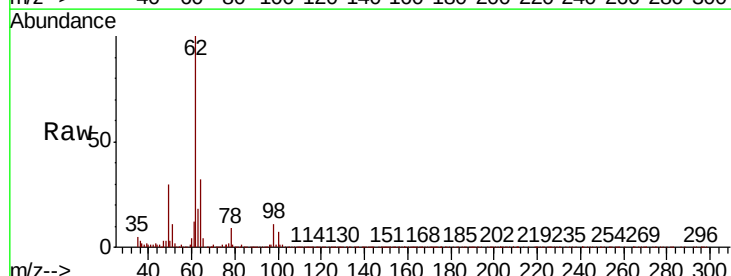
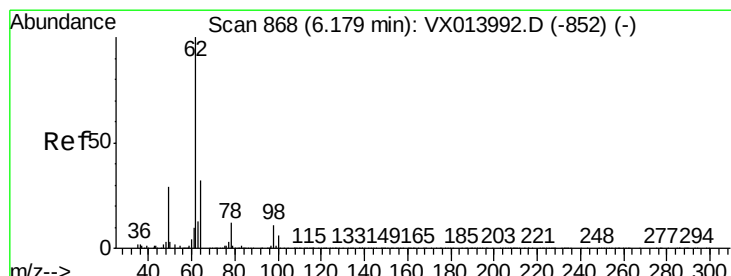
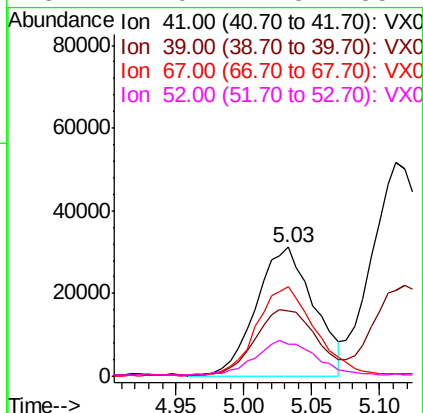




#35
Methacrylonitrile
Concen: 20.151 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

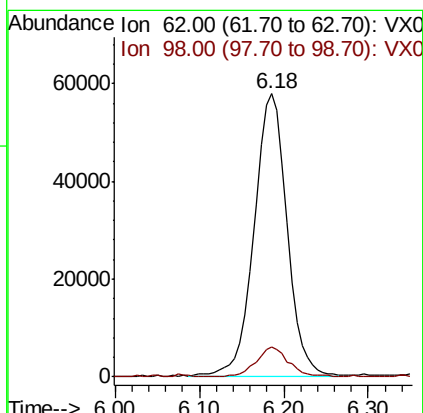
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

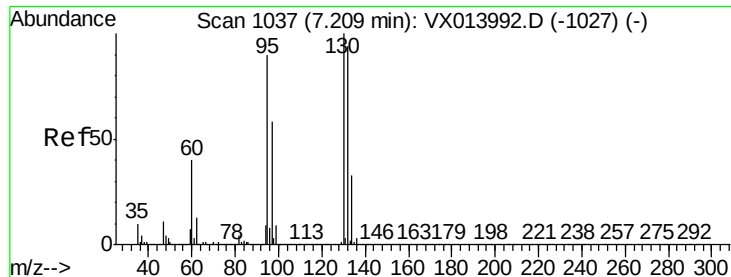
Tot Ion:	41	Resp:	92751
Ion	Ratio	Lower	Upper
41	100		
39	50.2	26.7	80.1
67	68.8	31.5	94.5
52	24.0	12.8	38.4



#36
1,2-Dichloroethane
Concen: 19.587 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion:	62	Resp:	154038
Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.4	12.6





#37

Trichloroethene

Concen: 21.678 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

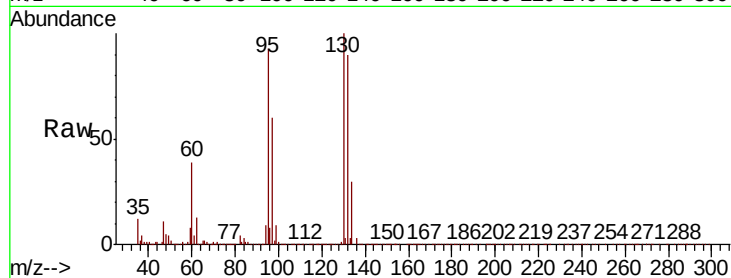
VSTDCCC020EC

Tot Ion:130 Resp: 133542

Ion Ratio Lower Upper

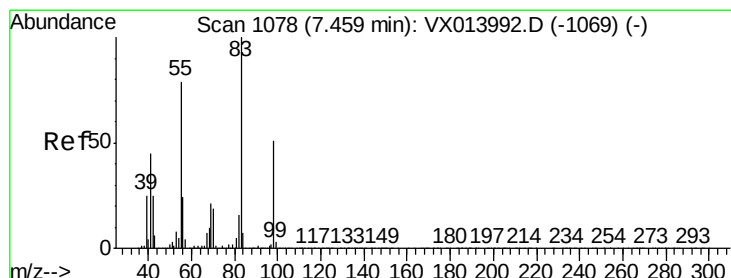
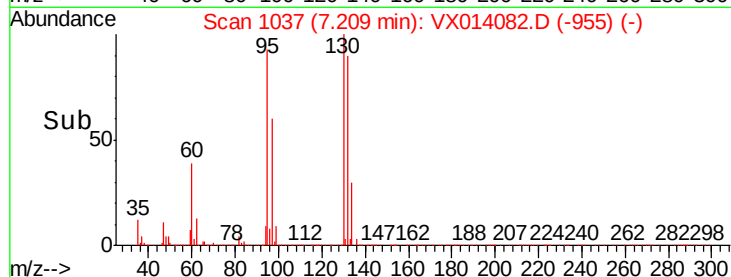
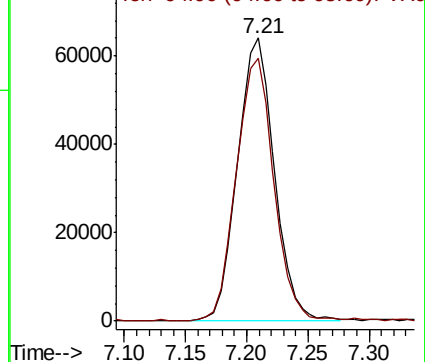
130 100

95 93.0 71.7 107.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.008 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

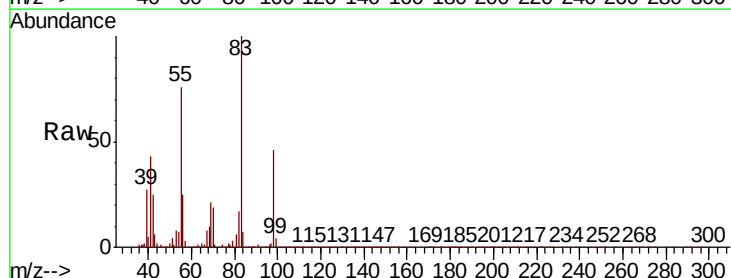
Tgt Ion: 83 Resp: 155965

Ion Ratio Lower Upper

83 100

55 78.4 39.4 118.1

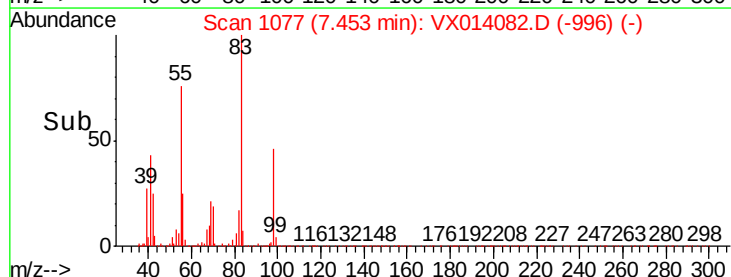
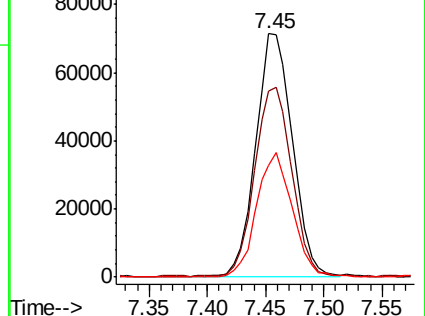
98 50.0 25.1 75.3

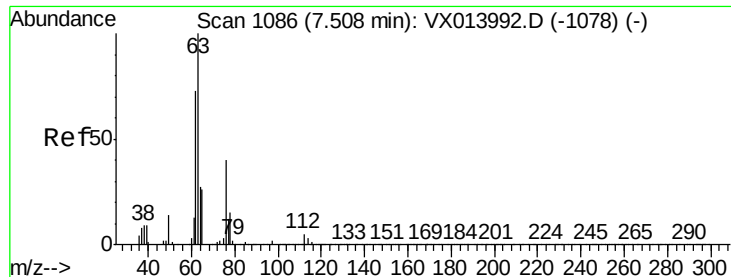


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.433 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

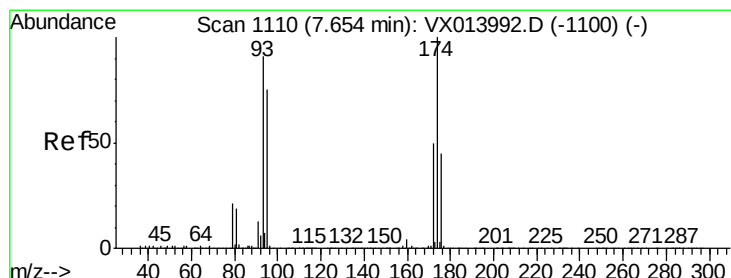
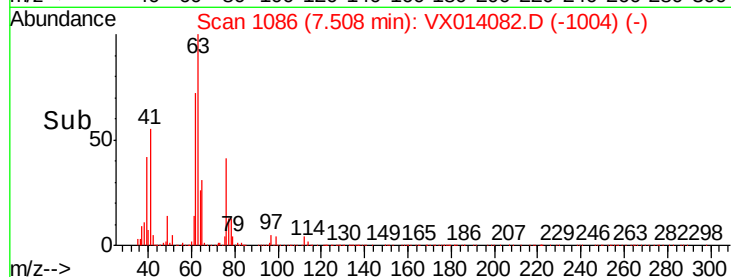
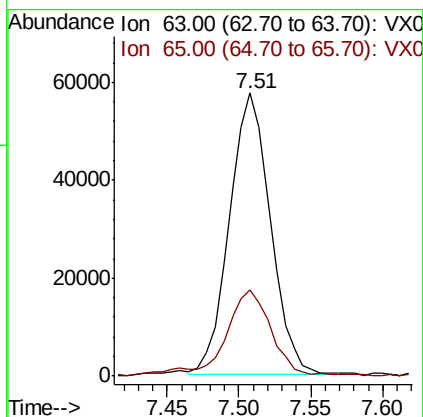
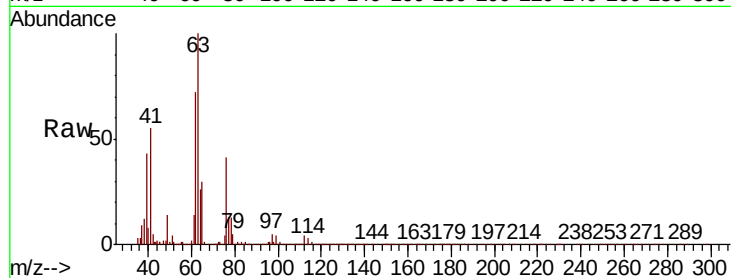
VSTDCCC020EC

Tot Ion: 63 Resp: 114270

Ion Ratio Lower Upper

63 100

65 29.9 22.1 33.1



#40

Dibromomethane

Concen: 20.008 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

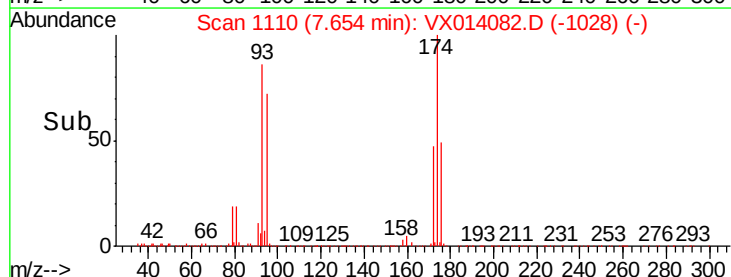
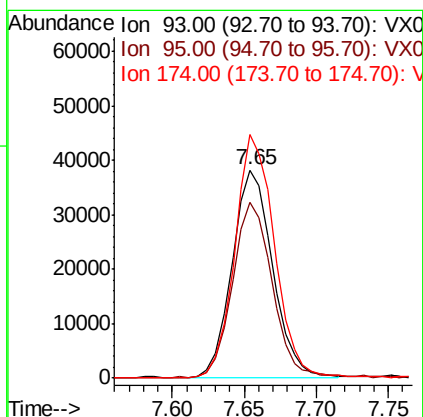
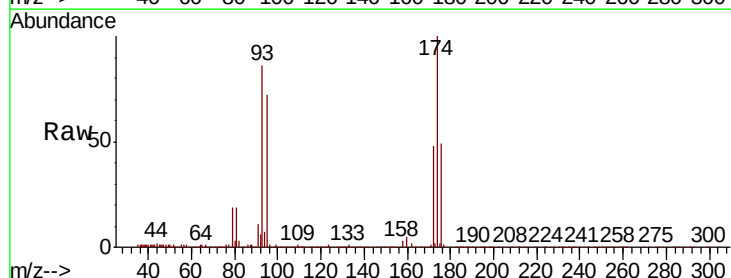
Tgt Ion: 93 Resp: 75157

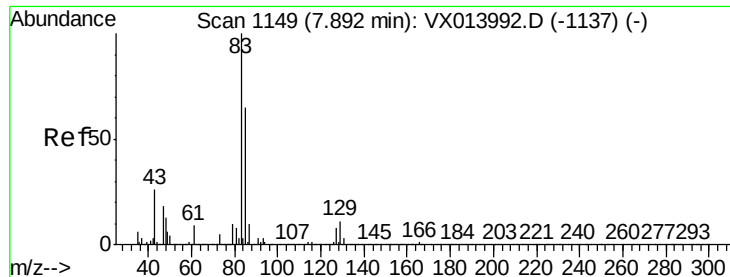
Ion Ratio Lower Upper

93 100

95 81.1 0.0 164.4

174 112.8 0.0 228.8





#41

Bromodichloromethane

Concen: 19.209 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

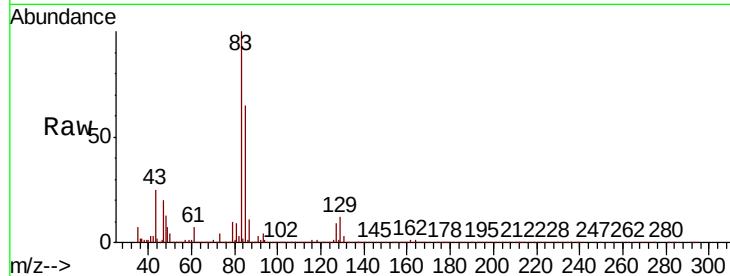
Tot Ion: 83 Resp: 139715

Ion Ratio Lower Upper

83 100

85 64.7 51.6 77.4

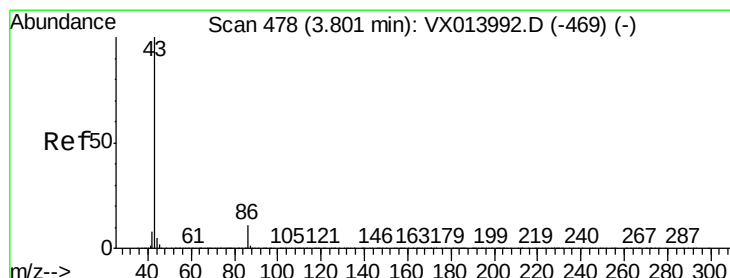
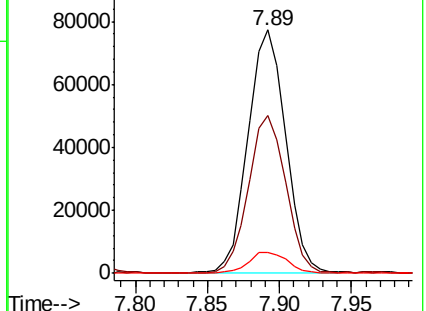
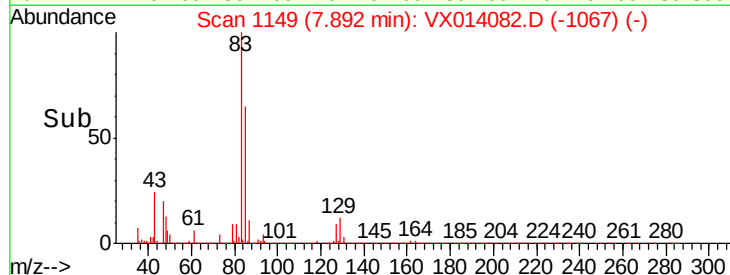
127 8.7 6.0 9.0



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: 39.397 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014082.D

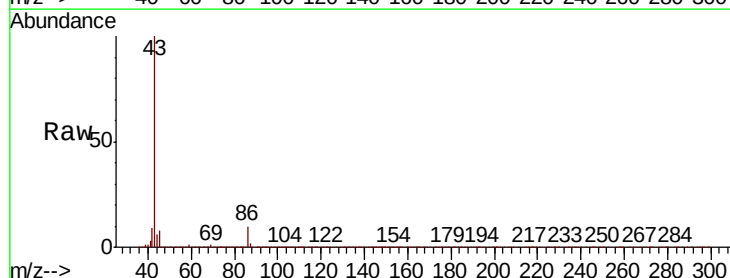
Acq: 18 Dec 2019 04:57

Tgt Ion: 43 Resp: 595267

Ion Ratio Lower Upper

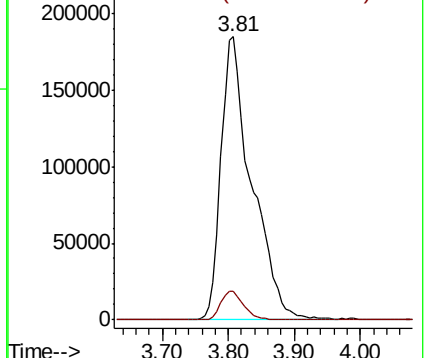
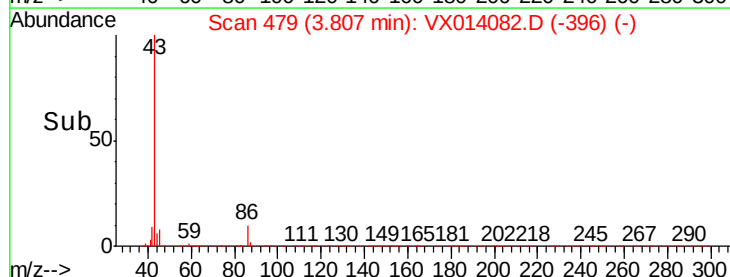
43 100

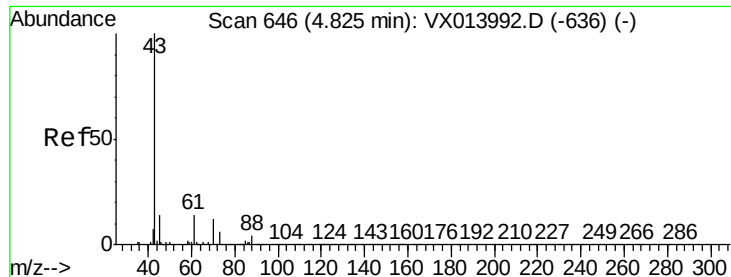
86 7.5 7.7 11.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

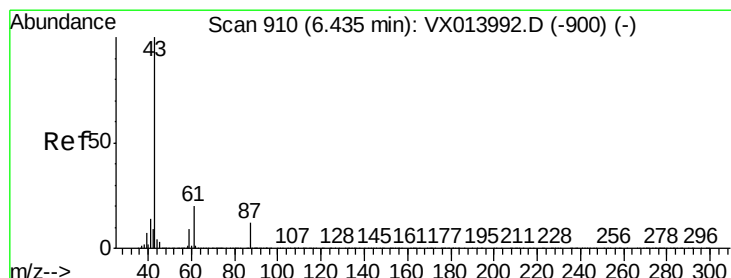
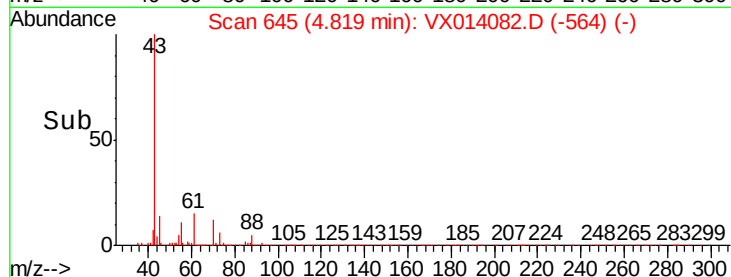
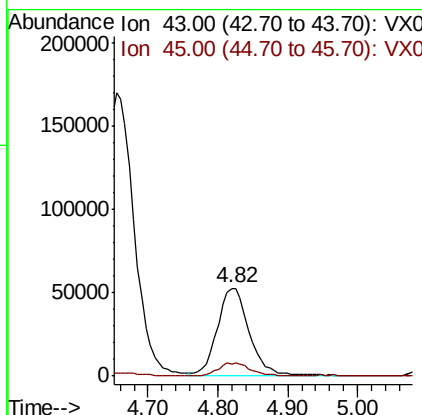
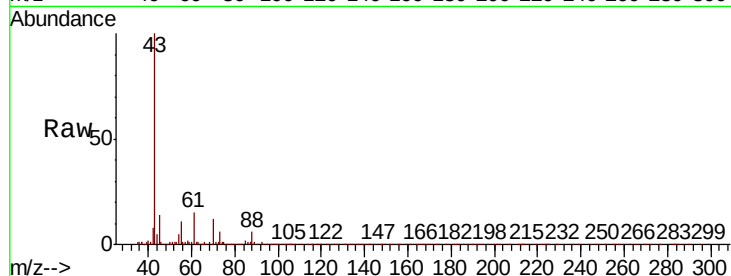




#43
Ethyl Acetate
Concen: 20.183 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

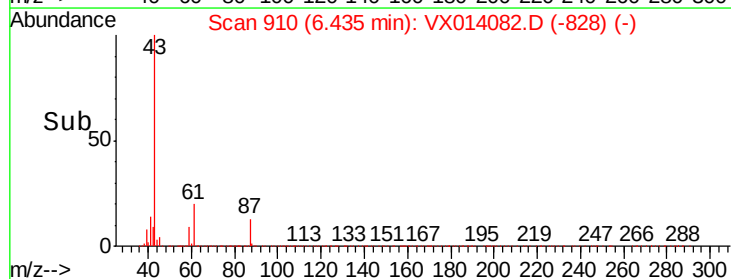
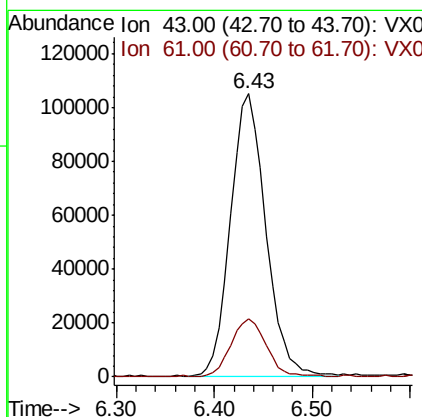
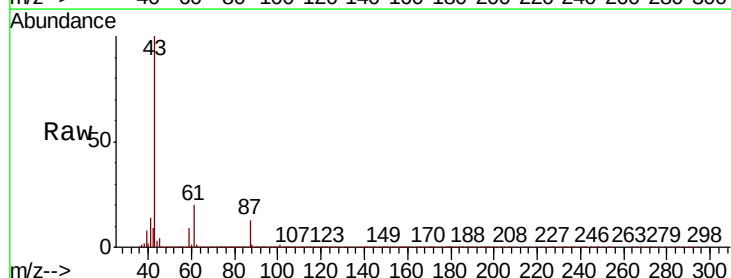
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

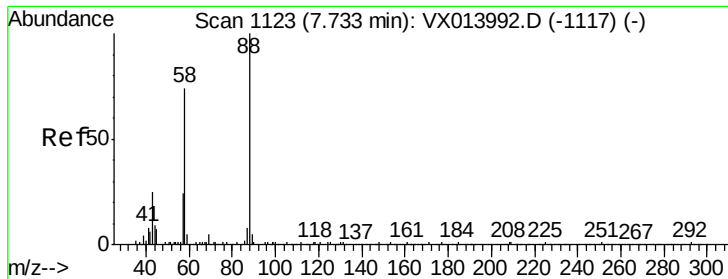
Tot Ion: 43 Resp: 165743
Ion Ratio Lower Upper
43 100
45 6.5 11.8 17.8#



#44
Isopropyl Acetate
Concen: 19.147 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion: 43 Resp: 263345
Ion Ratio Lower Upper
43 100
61 20.2 15.9 23.9





#45

1,4-Dioxane

Concen: 360.464 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

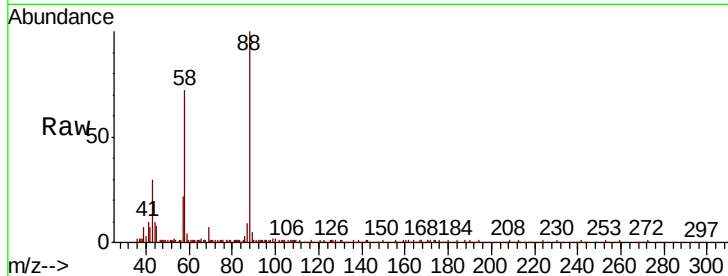
Tot Ion: 88 Resp: 46427

Ion Ratio Lower Upper

88 100

43 32.8 25.4 38.2

58 73.8 56.5 84.7

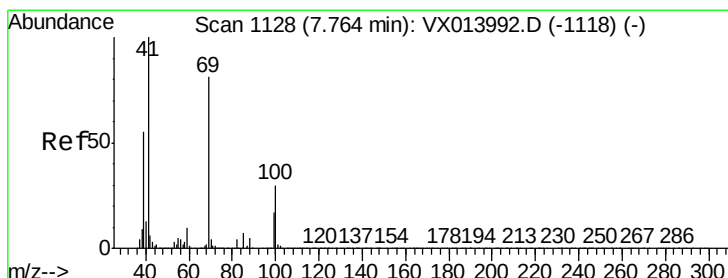
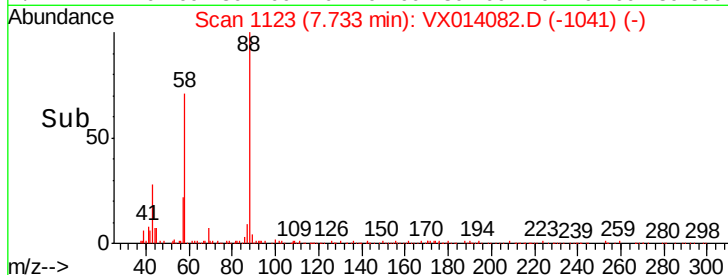
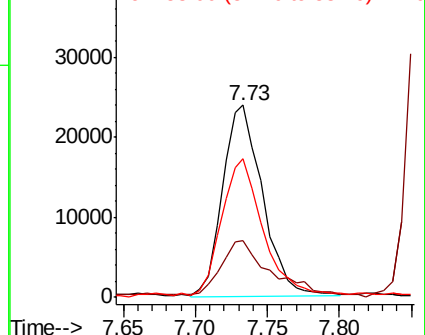


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 18.987 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

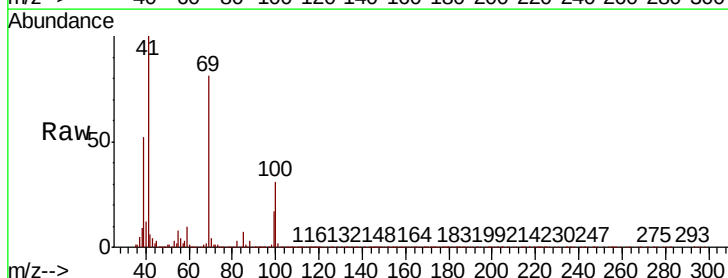
Tgt Ion: 41 Resp: 126845

Ion Ratio Lower Upper

41 100

69 80.6 40.6 122.0

39 51.7 27.8 83.3

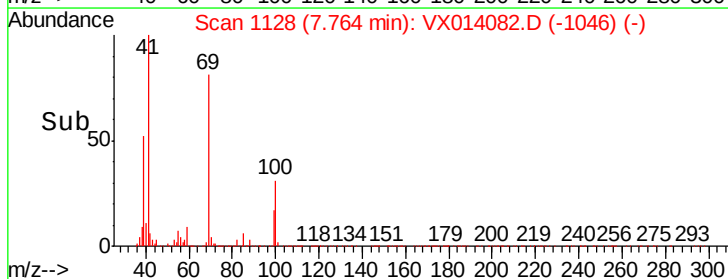
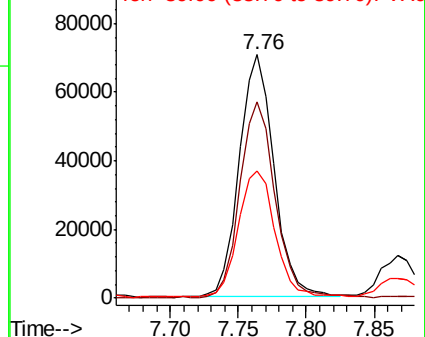


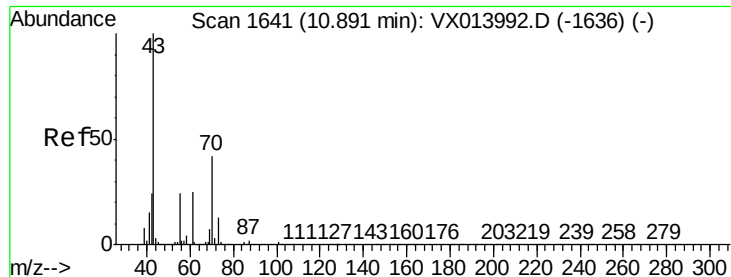
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

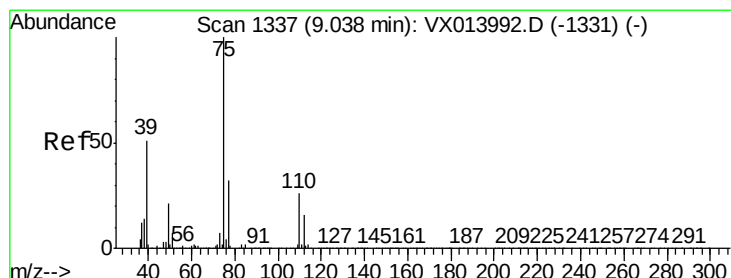
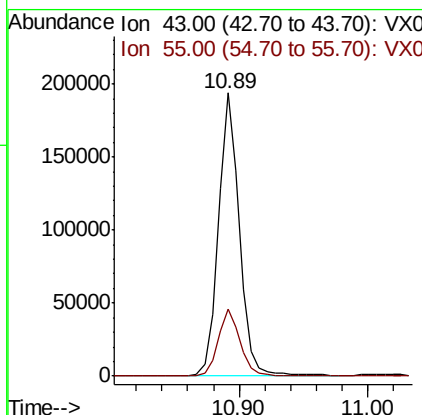
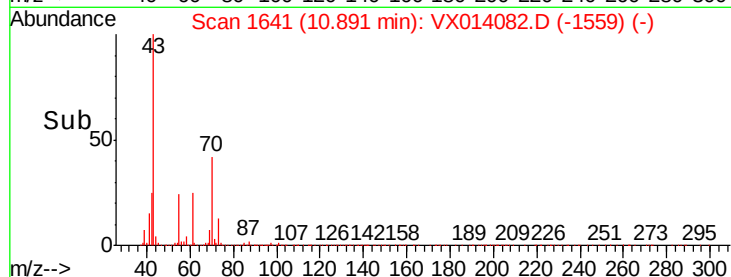
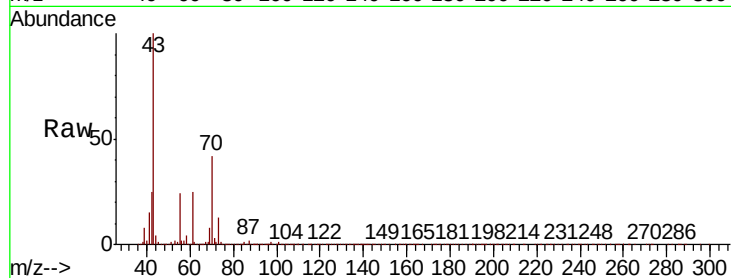




#47
n-amvl Acetate
Concen: 18.078 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

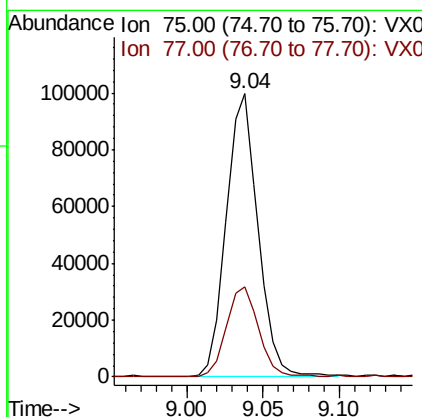
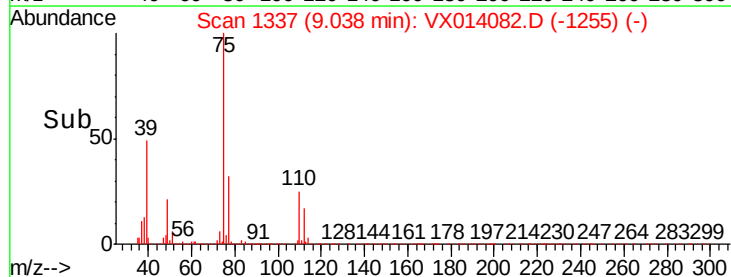
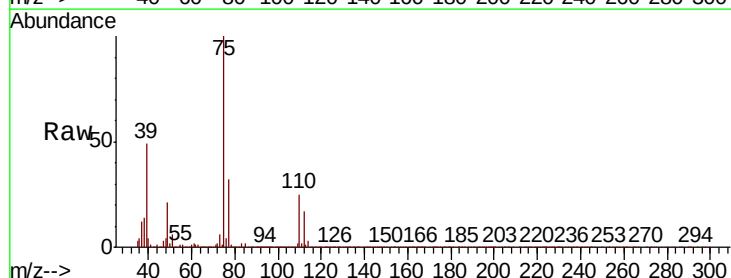
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

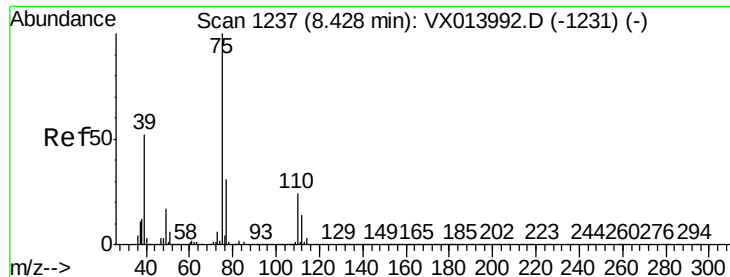
Tot Ion: 43 Resp: 221078
Ion Ratio Lower Upper
43 100
55 24.5 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 17.958 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion: 75 Resp: 142558
Ion Ratio Lower Upper
75 100
77 31.4 26.0 39.0



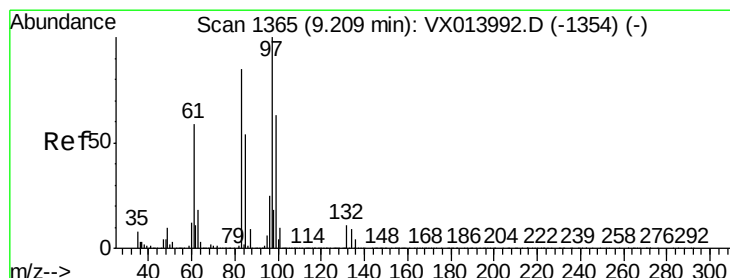
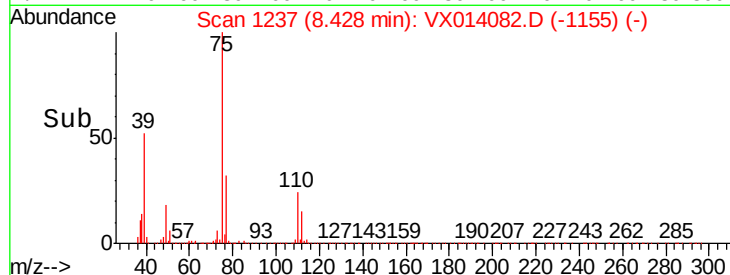
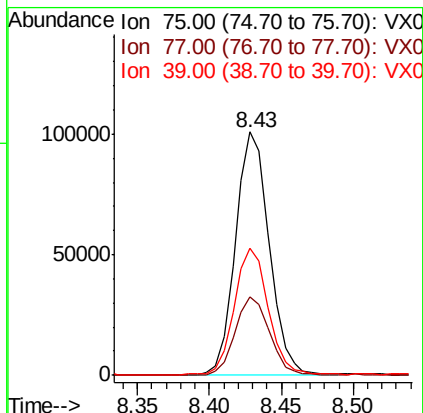
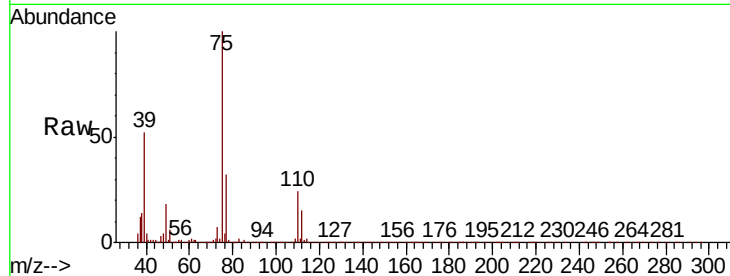


#49

cis-1,3-Dichloropropene
 Concen: 18.348 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX014082.D
 Acq: 18 Dec 2019 04:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

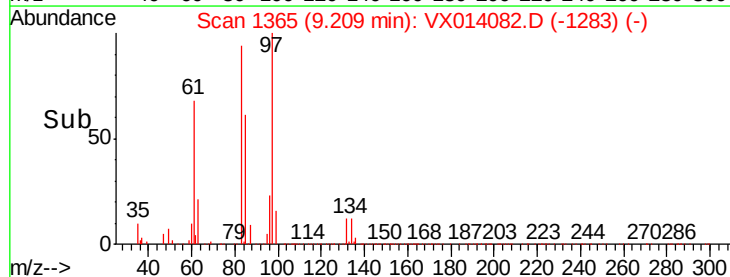
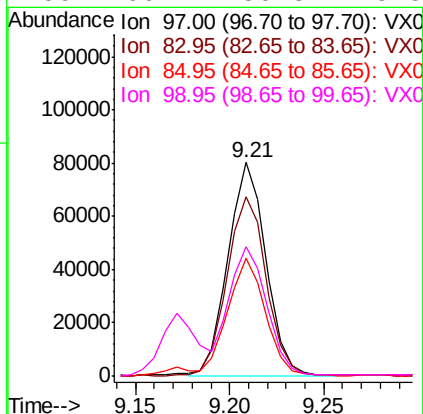
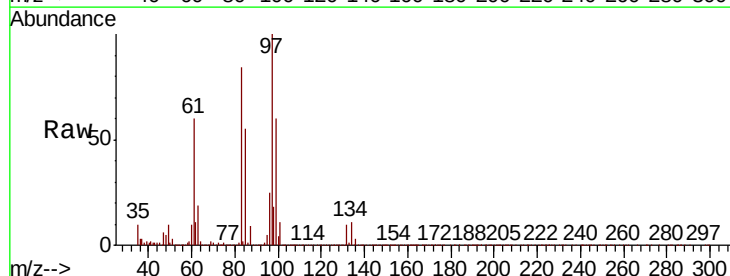
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.8	37.2
39	51.8	41.1	61.7

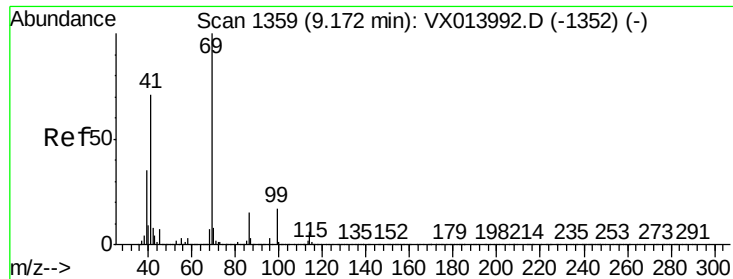


#50

1,1,2-Trichloroethane
 Concen: 19.361 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014082.D
 Acq: 18 Dec 2019 04:57

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.1	102.1
85	54.8	42.7	64.1
99	60.2	50.3	75.5

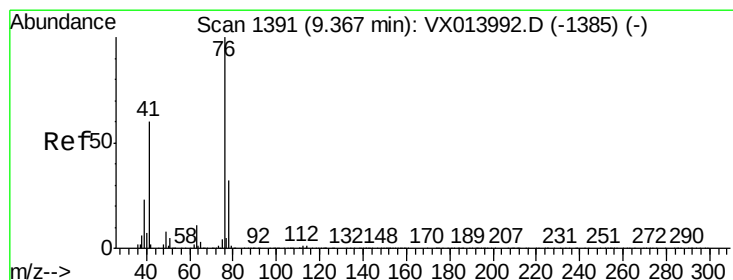
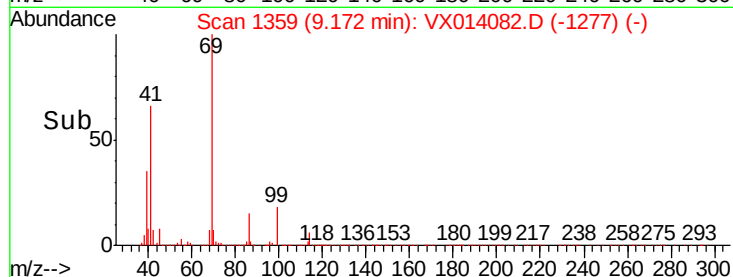
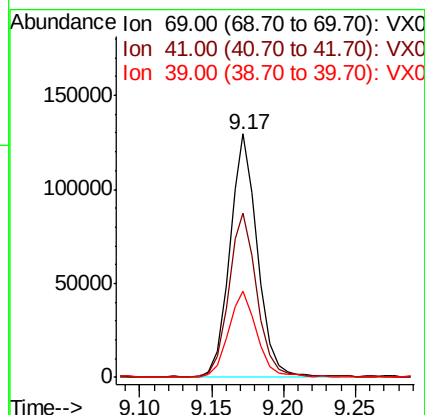
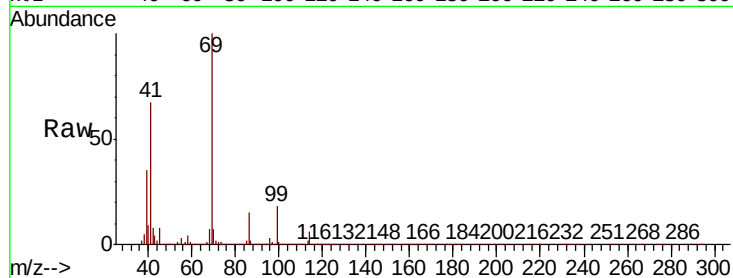




#51
Ethyl methacrylate
Concen: 18.827 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

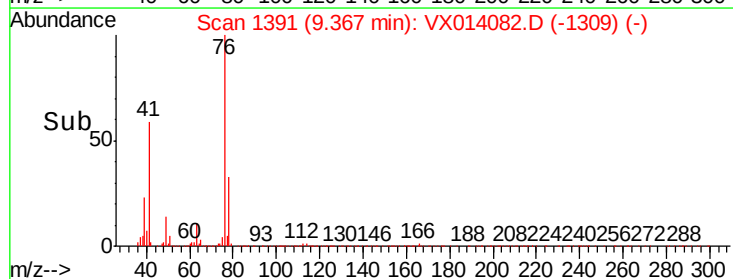
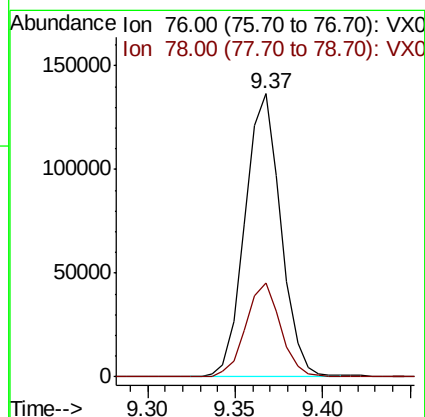
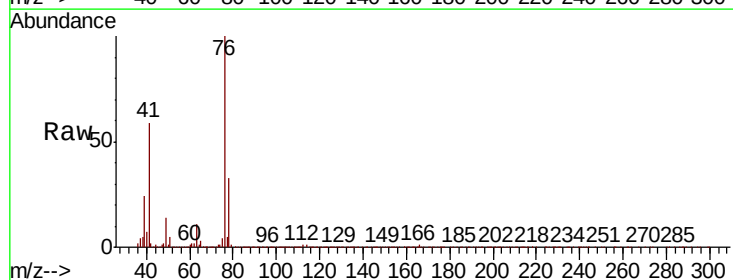
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

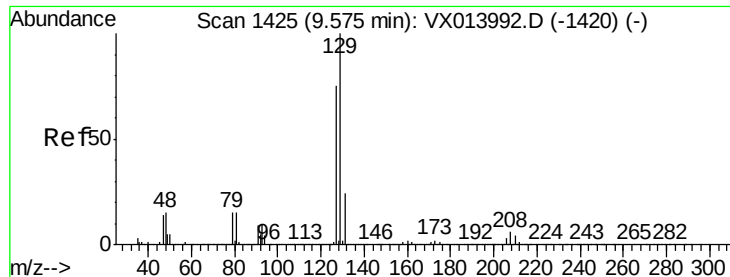
Tot Ion	Ratio	Lower	Upper
69	100		
41	67.2	35.4	106.1
39	35.2	17.8	53.3



#52
1,3-Dichloropropane
Concen: 19.732 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.8	0.0	63.4





#53

Dibromochloromethane

Concen: 18.489 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

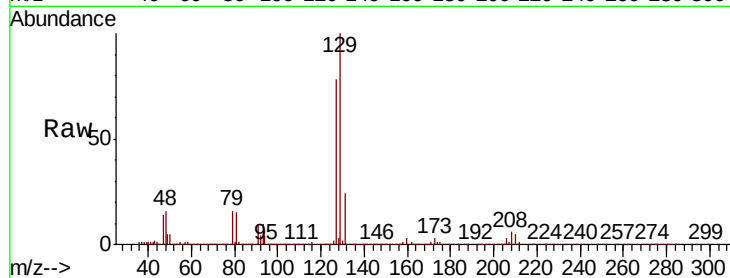
VSTDCCC020EC

Tot Ion:129 Resp: 107177

Ion Ratio Lower Upper

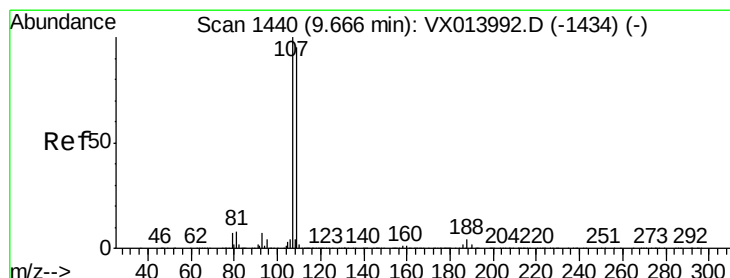
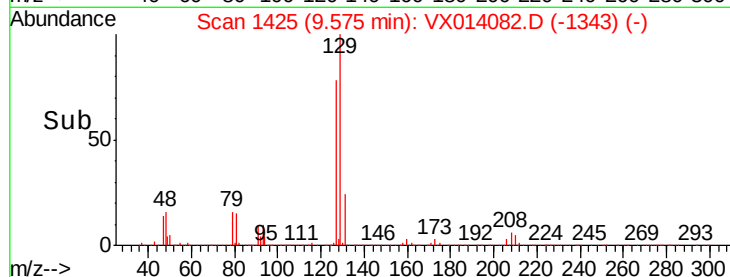
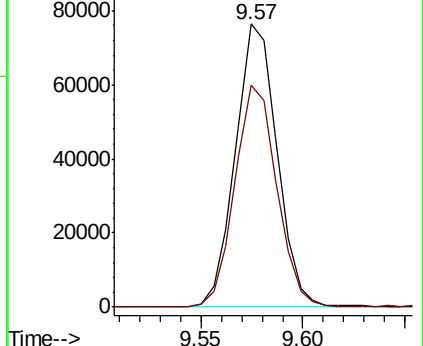
129 100

127 80.0 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.808 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014082.D

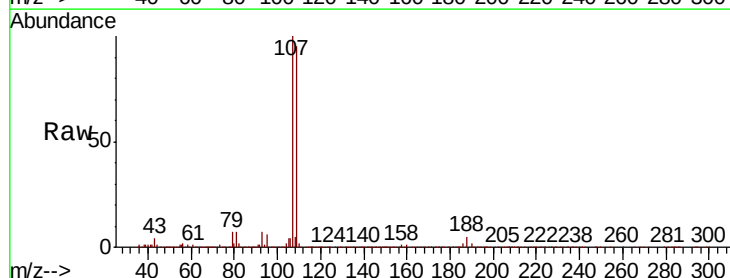
Acq: 18 Dec 2019 04:57

Tgt Ion:107 Resp: 118228

Ion Ratio Lower Upper

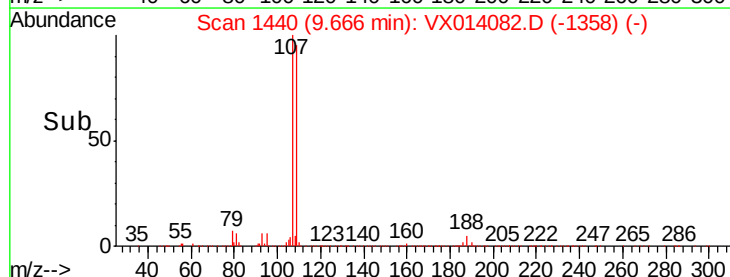
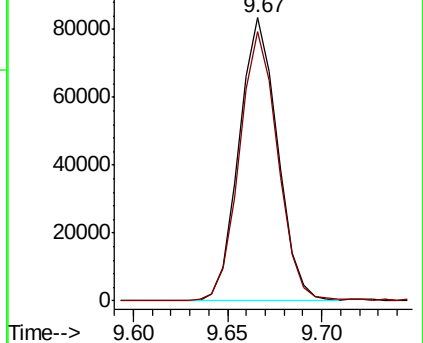
107 100

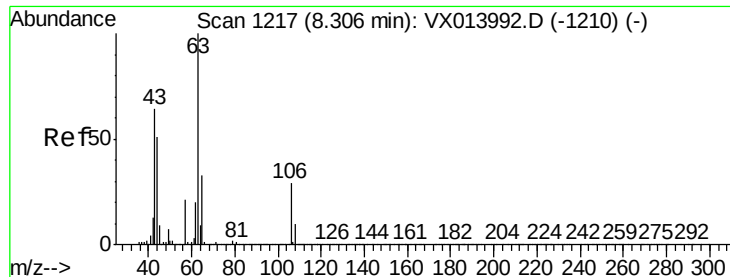
109 94.2 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 97.530 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

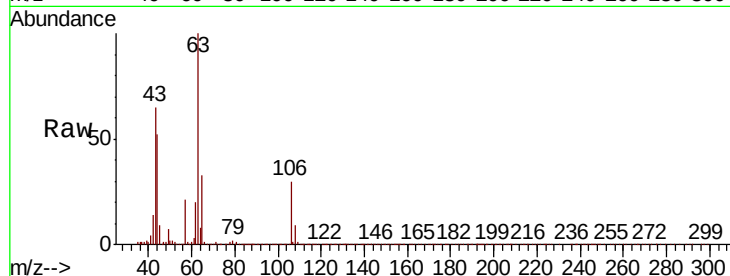
Tot Ion: 63 Resp: 396447

Ion Ratio Lower Upper

63 100

65 32.4 25.8 38.6

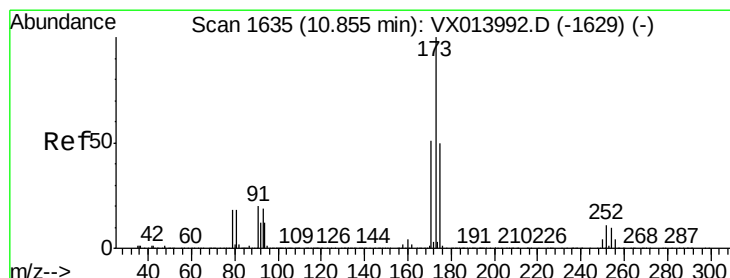
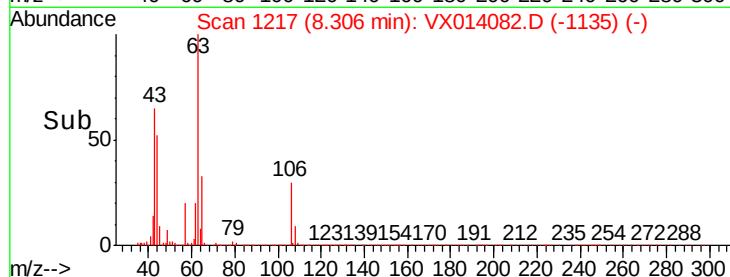
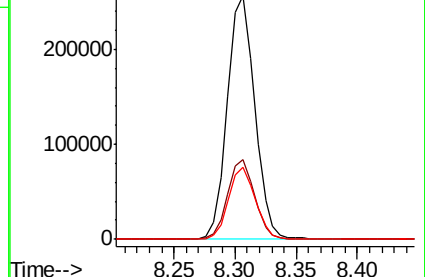
106 28.9 22.9 34.3



Abundance Ion 63.00 (62.70 to 63.70): VX013992.D (-1210) (-)

Ion 65.00 (64.70 to 65.70): VX013992.D (-1210) (-)

Ion 106.00 (105.70 to 106.70): VX013992.D (-1210) (-)



#56

Bromoform

Concen: 17.990 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

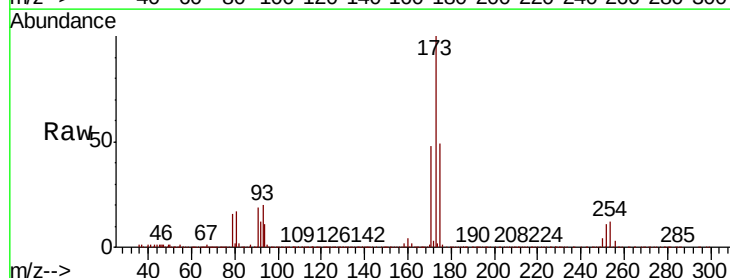
Tgt Ion: 173 Resp: 81323

Ion Ratio Lower Upper

173 100

175 49.6 39.5 59.3

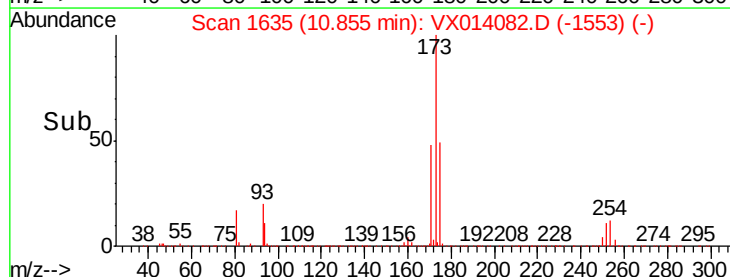
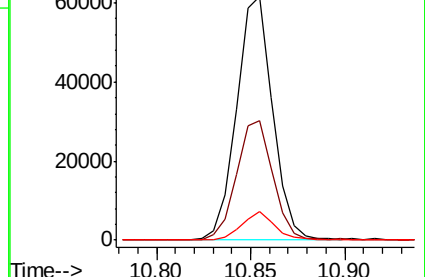
254 10.7 8.2 12.4

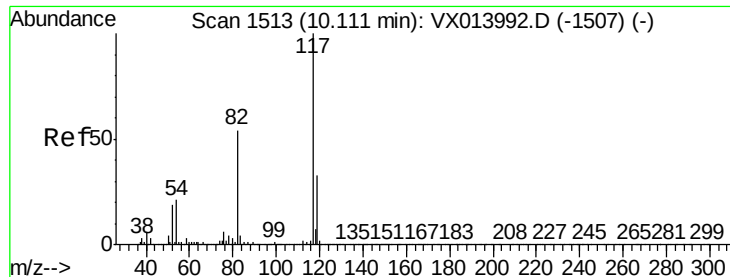


Abundance Ion 173.00 (172.70 to 173.70): VX013992.D (-1629) (-)

Ion 175.00 (174.70 to 175.70): VX013992.D (-1629) (-)

Ion 254.00 (253.70 to 254.70): VX013992.D (-1629) (-)

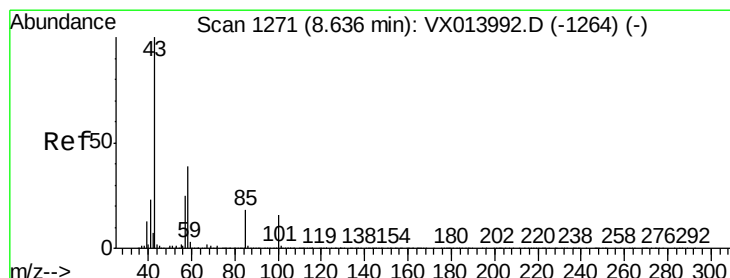
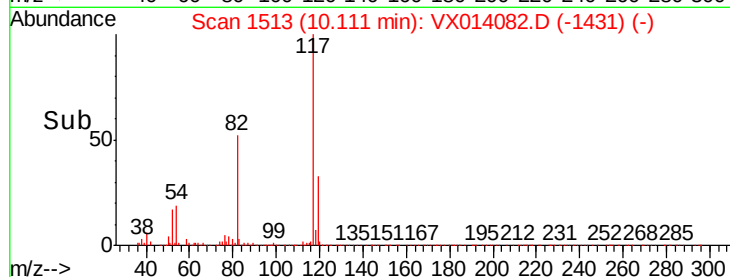
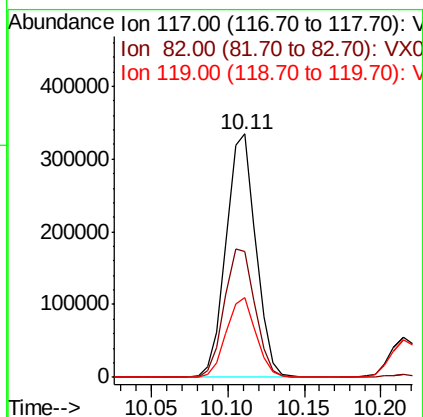
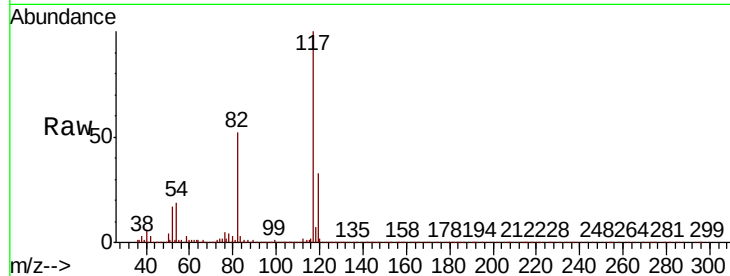




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

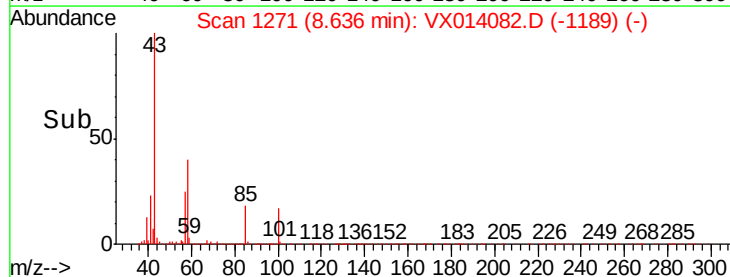
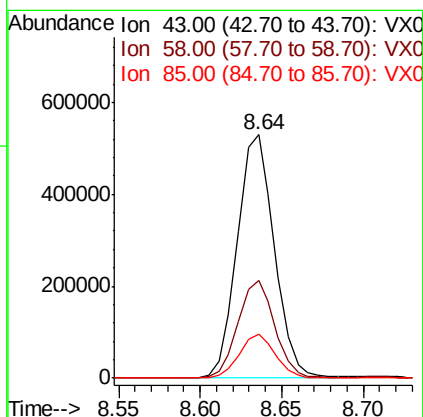
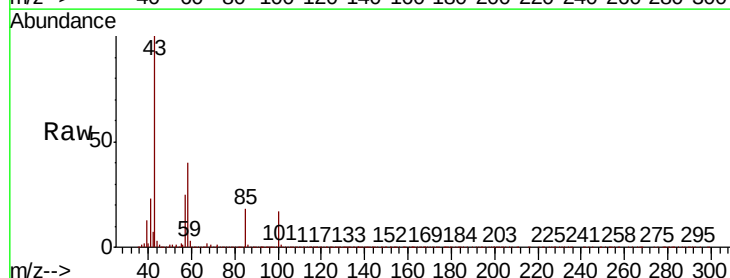
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

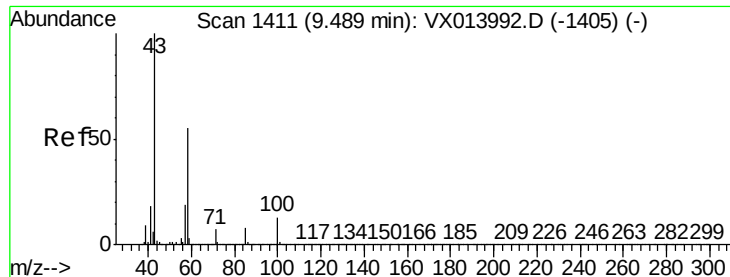
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.8	65.6
119	32.5	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 99.350 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.2	46.8
85	17.4	14.2	21.2

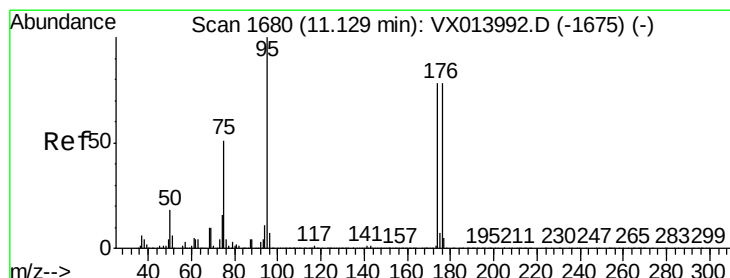
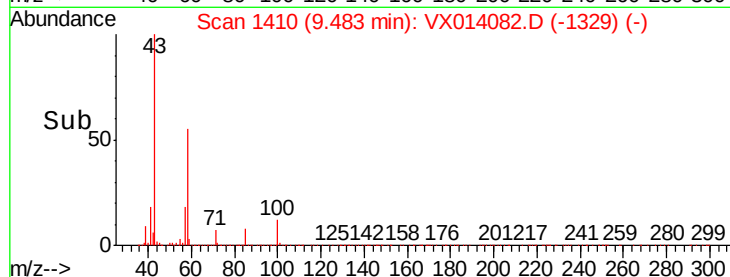
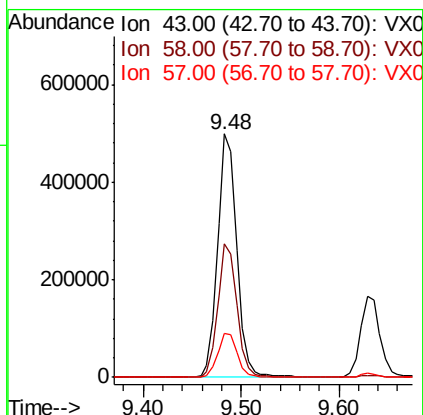
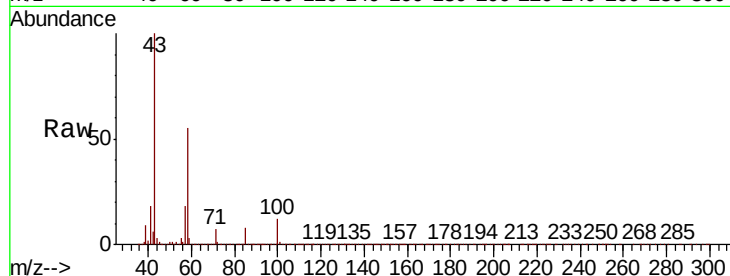




#59
2-Hexanone
Concen: 105.540 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

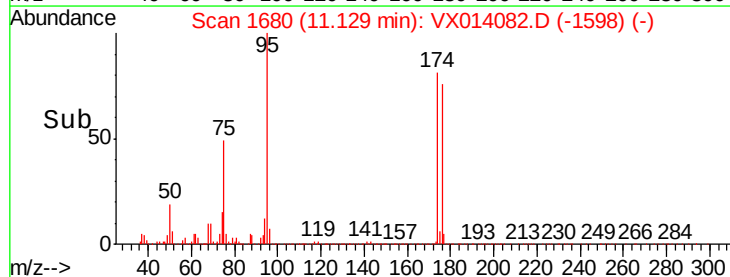
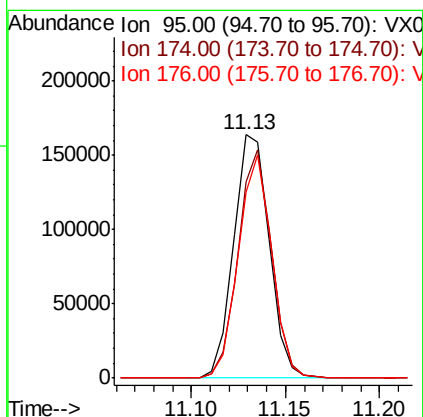
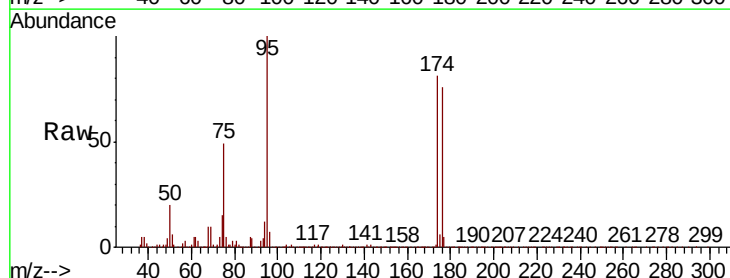
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

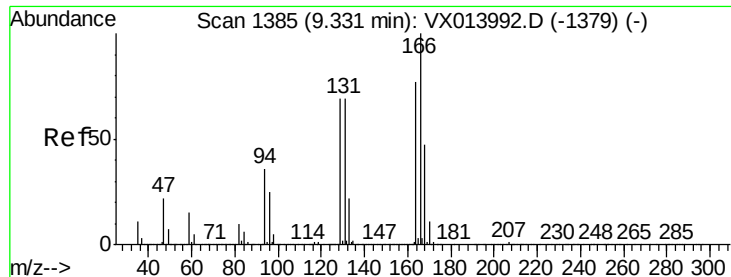
Tot Ion: 43 Resp: 676543
Ion Ratio Lower Upper
43 100
58 54.5 43.8 65.6
57 18.6 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.486 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion: 95 Resp: 214956
Ion Ratio Lower Upper
95 100
174 88.7 70.2 105.2
176 86.1 68.3 102.5





#61

Tetrachloroethene

Concen: 29.511 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 176251

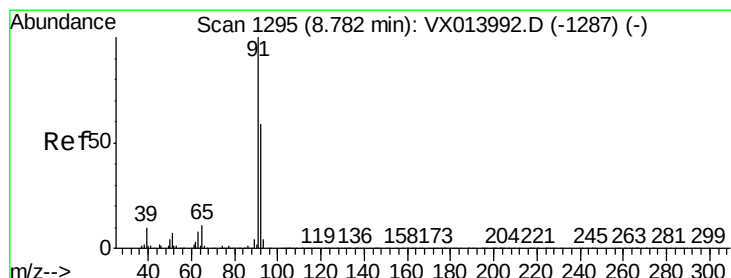
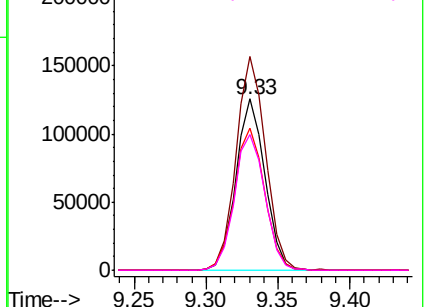
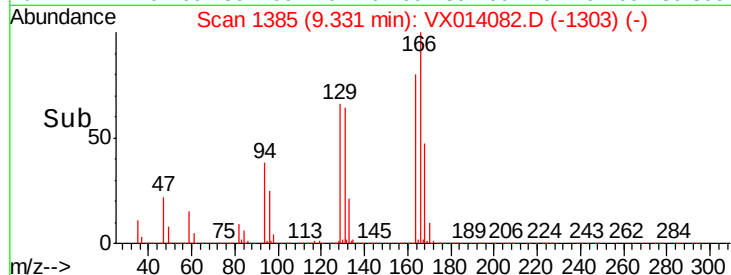
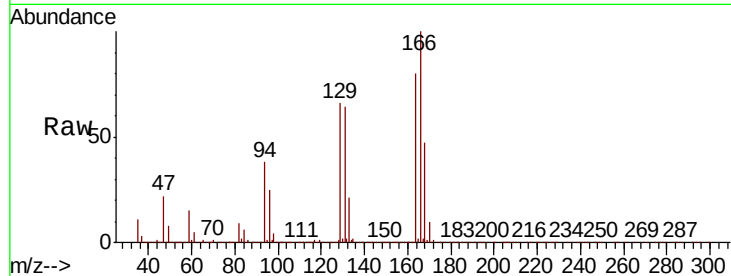
Ion Ratio Lower Upper

164 100

166 124.7 104.2 156.2

129 82.7 71.6 107.4

131 79.4 71.7 107.5



#62

Toluene

Concen: 19.765 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014082.D

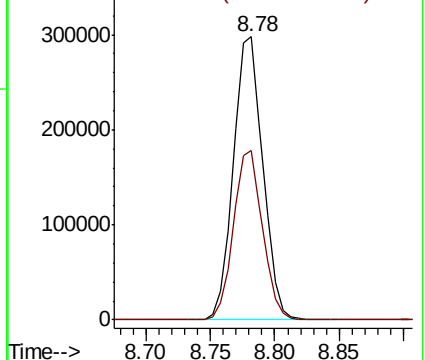
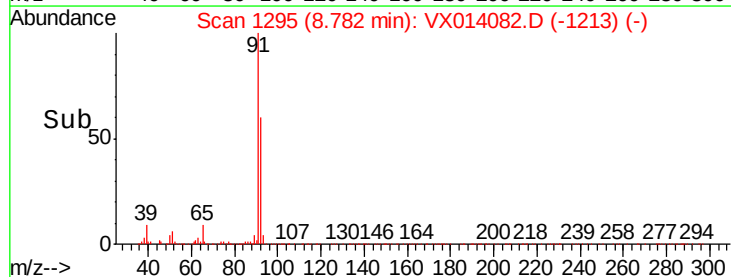
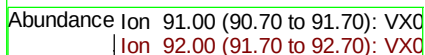
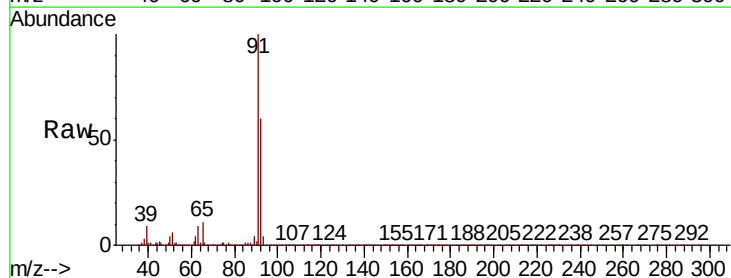
Acq: 18 Dec 2019 04:57

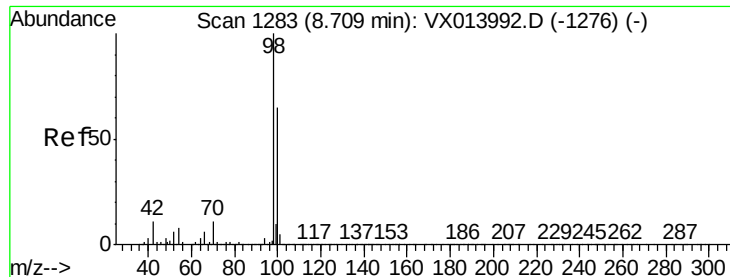
Tgt Ion: 91 Resp: 474562

Ion Ratio Lower Upper

91 100

92 59.1 46.4 69.6





#63

Toluene-d8

Concen: 30.644 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

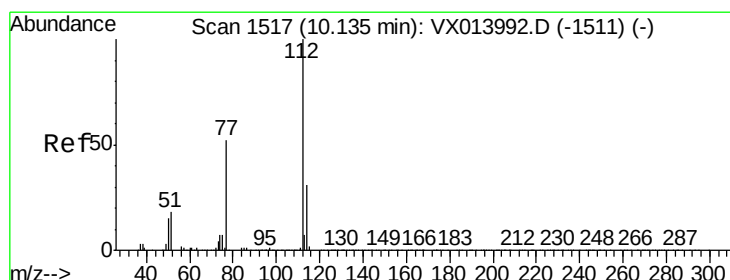
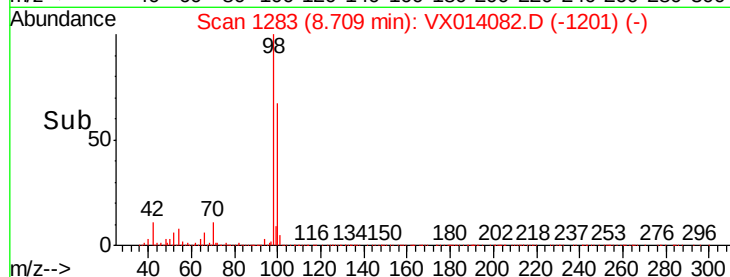
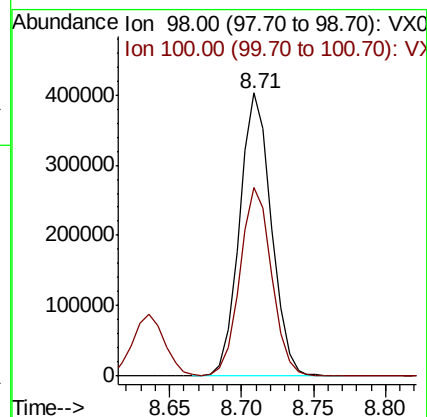
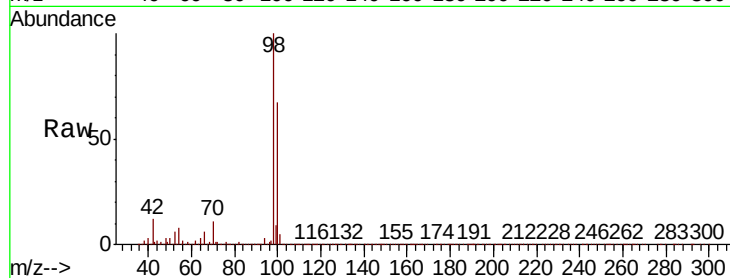
VSTDCCC020EC

Tot Ion: 98 Resp: 618378

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.2



#64

Chlorobenzene

Concen: 19.530 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014082.D

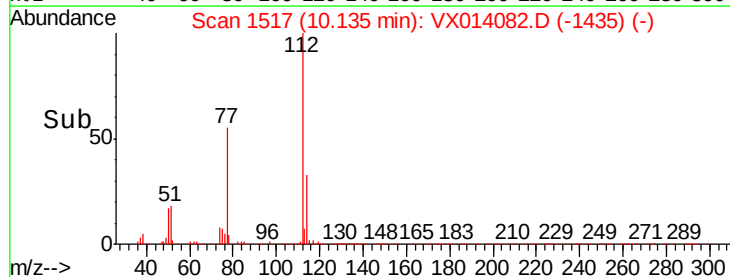
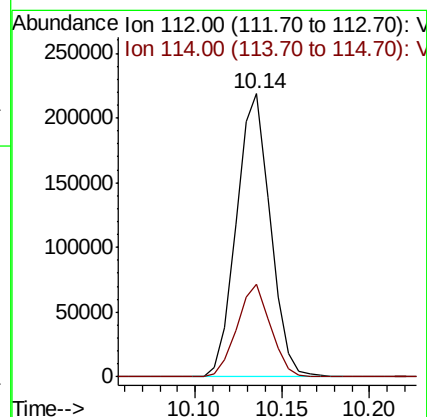
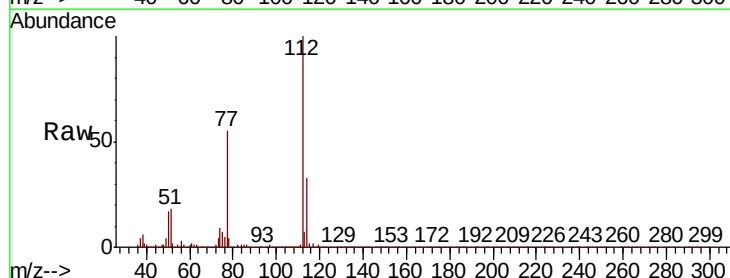
Acq: 18 Dec 2019 04:57

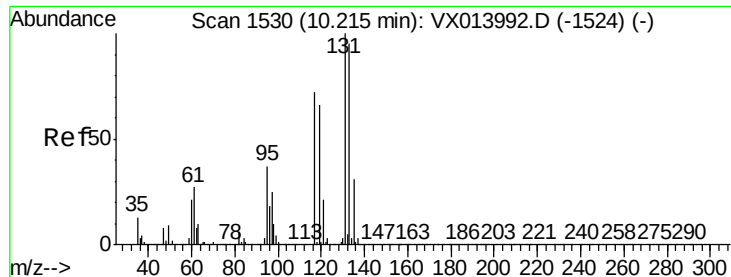
Tgt Ion: 112 Resp: 293787

Ion Ratio Lower Upper

112 100

114 32.5 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.919 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

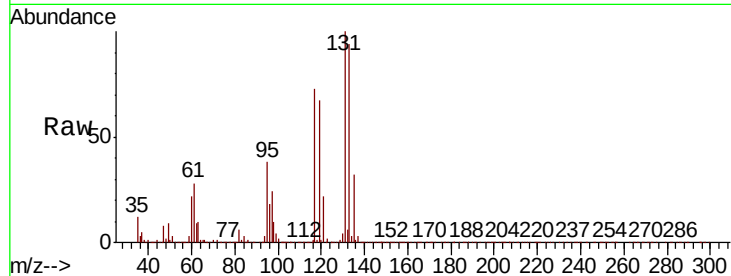
Tot Ion:131 Resp: 105381

Ion Ratio Lower Upper

131 100

133 96.3 0.0 189.8

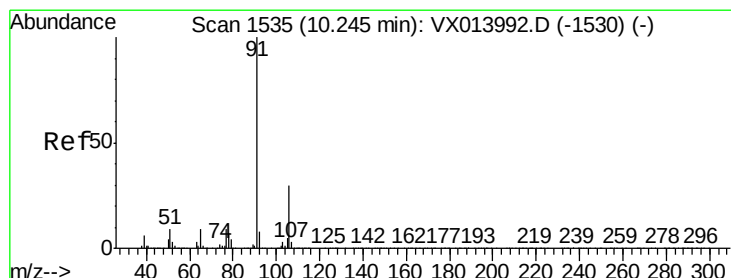
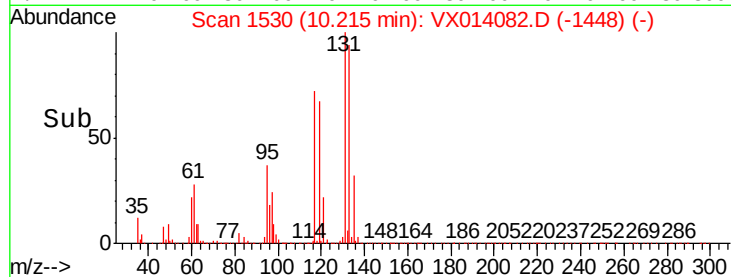
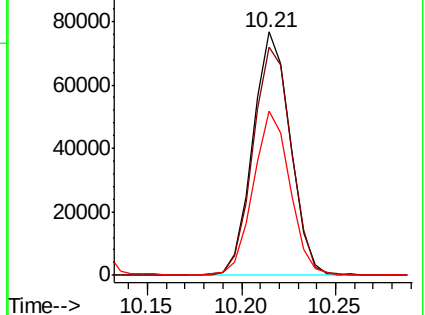
119 65.5 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.448 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014082.D

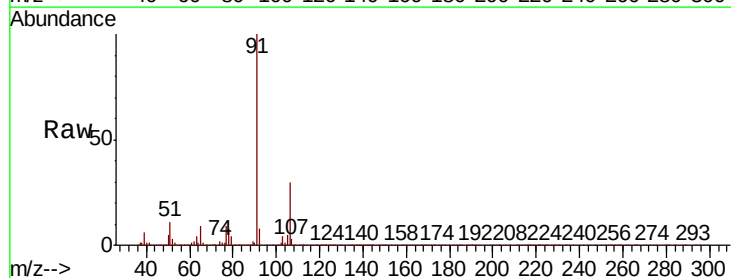
Acq: 18 Dec 2019 04:57

Tgt Ion: 91 Resp: 511021

Ion Ratio Lower Upper

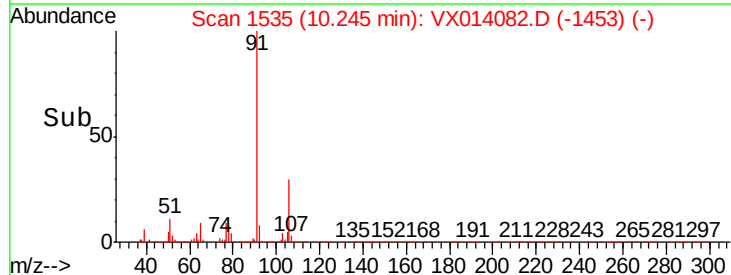
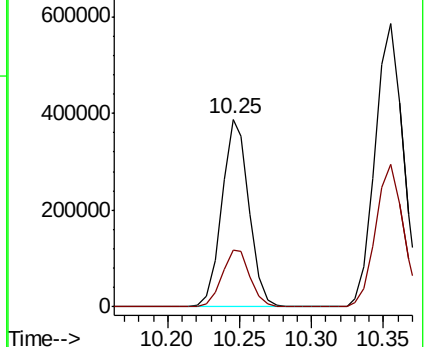
91 100

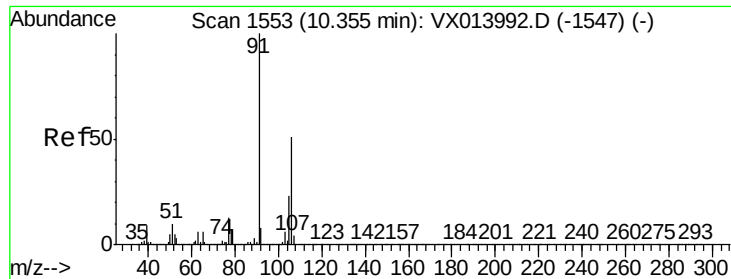
106 30.2 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

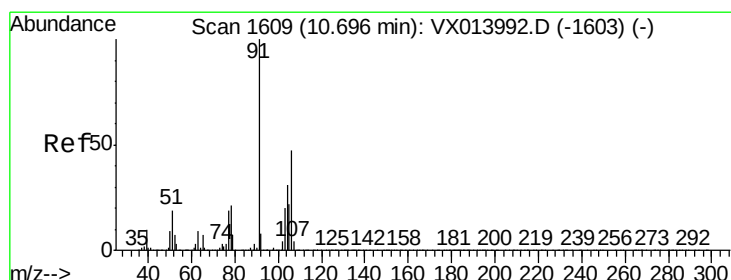
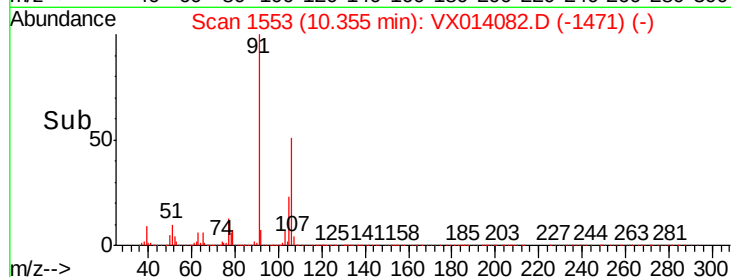
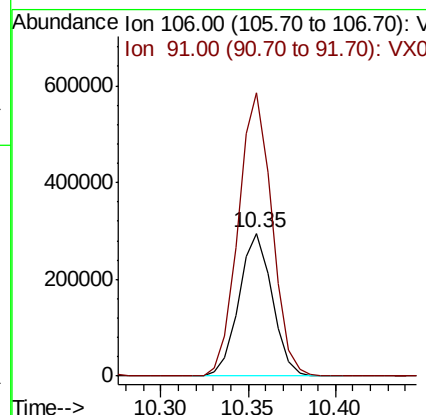
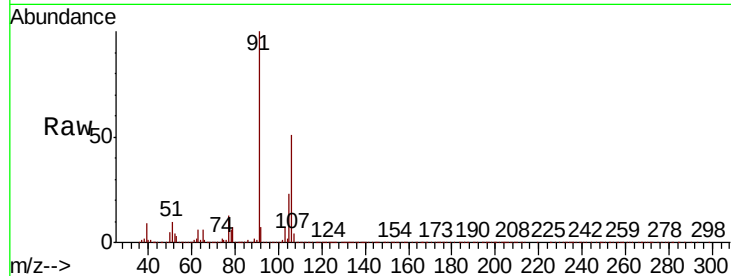




#67
m/p-Xylenes
Concen: 38.811 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

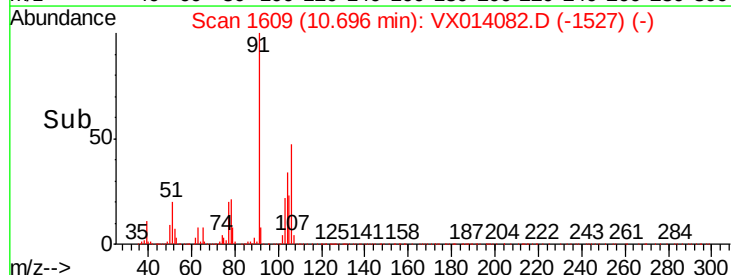
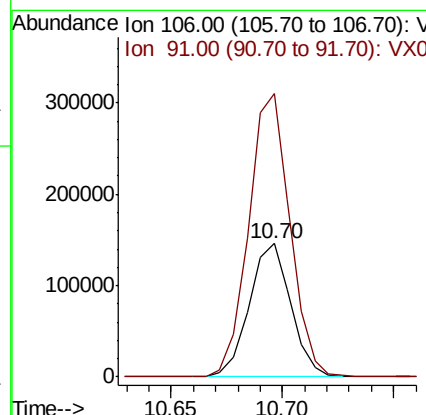
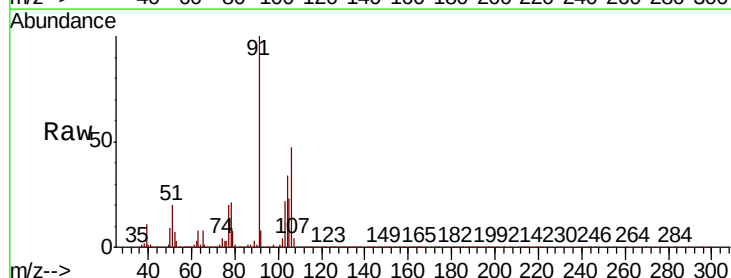
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

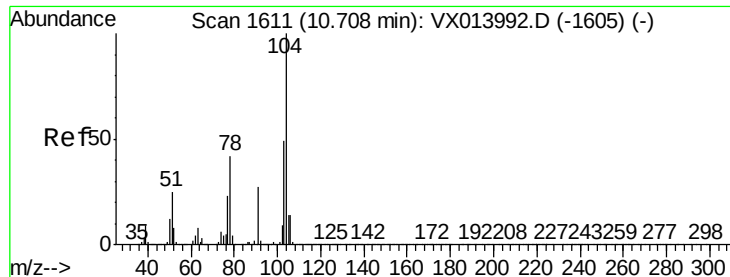
Tot Ion:106 Resp: 389848
Ion Ratio Lower Upper
106 100
91 201.5 159.3 238.9



#68
o-Xylene
Concen: 18.966 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion:106 Resp: 188730
Ion Ratio Lower Upper
106 100
91 212.5 104.8 314.6

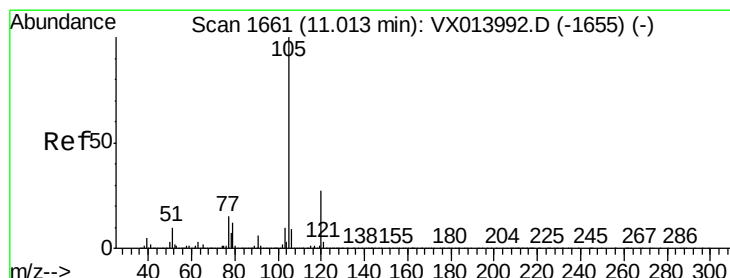
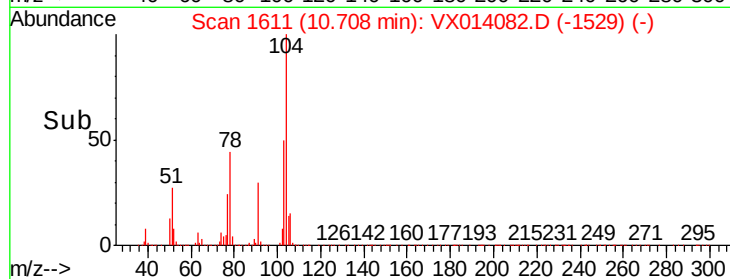
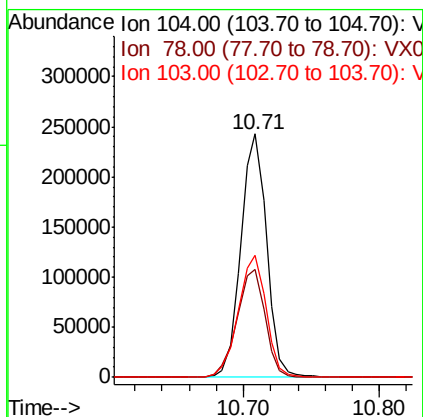
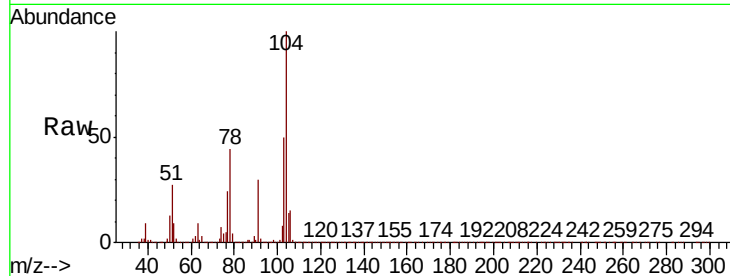




#69
Stvrene
Concen: 18.958 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

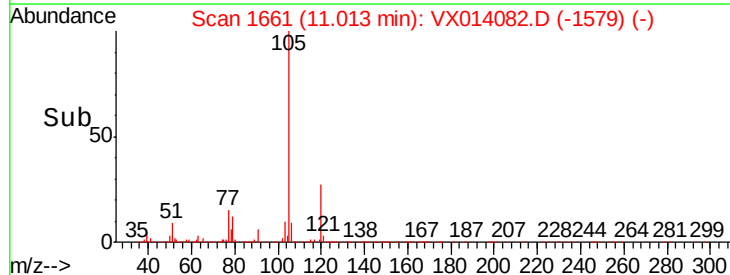
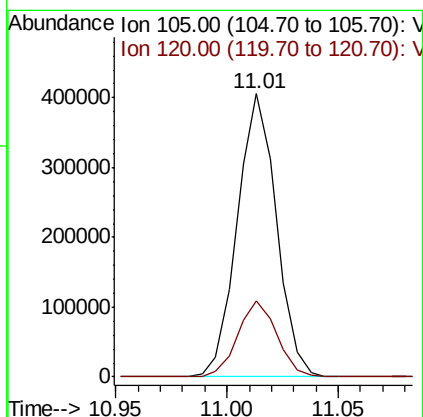
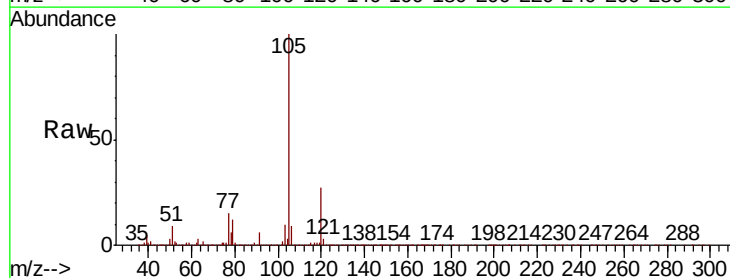
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

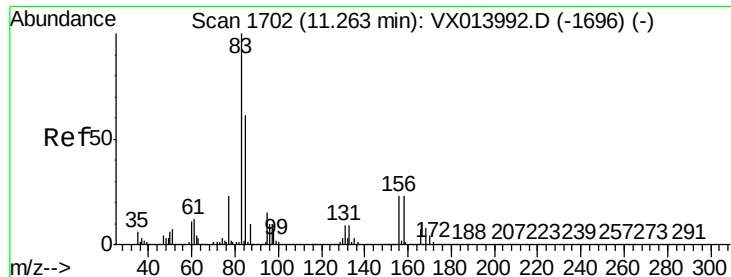
Tot Ion:104 Resp: 320813
Ion Ratio Lower Upper
104 100
78 48.3 38.9 58.3
103 54.2 44.2 66.2



#70
Isopropylbenzene
Concen: 19.300 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion:105 Resp: 496301
Ion Ratio Lower Upper
105 100
120 26.7 19.1 35.5

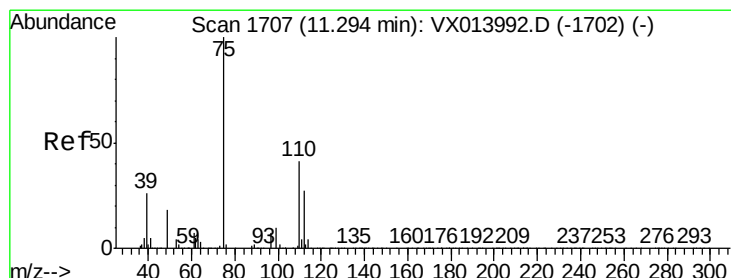
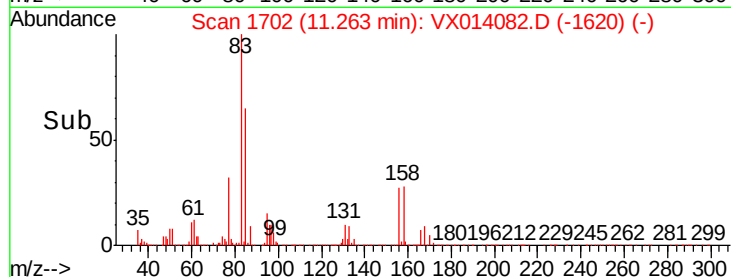
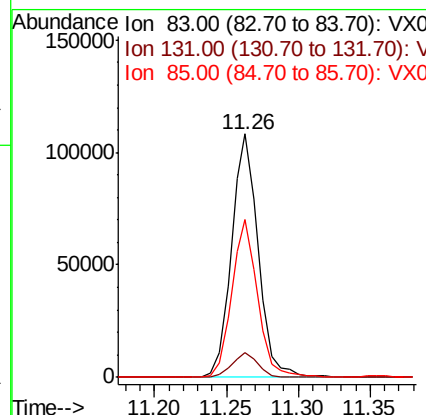
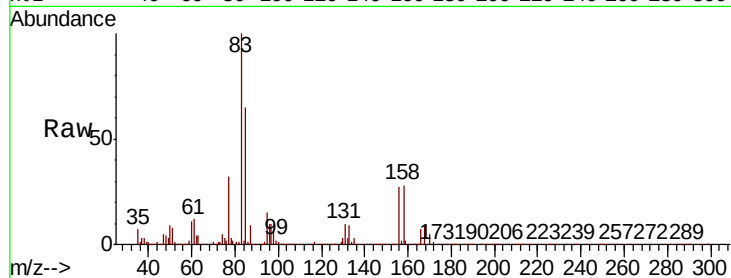




#71
 1,1,2,2-Tetrachloroethane
 Concen: 15.330 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX014082.D
 Acq: 18 Dec 2019 04:57

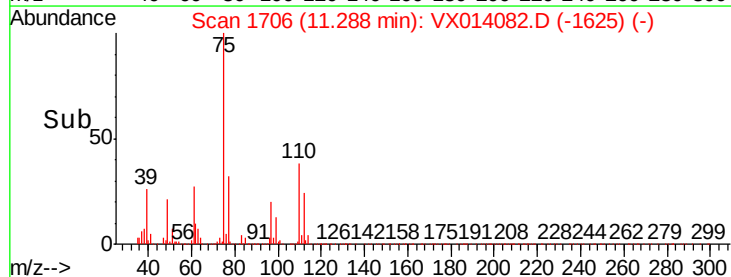
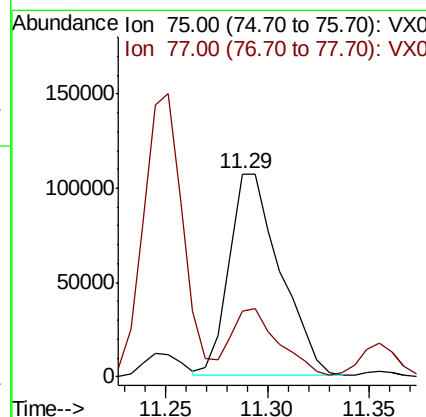
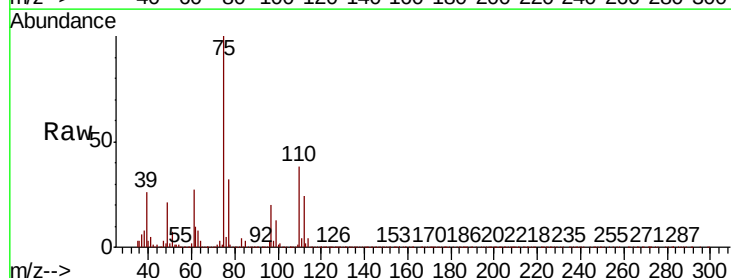
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

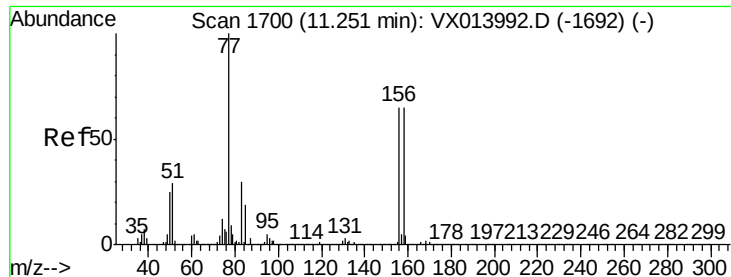
Tot Ion	83	Resp	139797
Ion Ratio	100	Lower	Upper
131	9.8	4.9	14.7
85	63.2	31.6	94.7



#72
 1,2,3-Trichloropropane
 Concen: 22.684 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX014082.D
 Acq: 18 Dec 2019 04:57

Tgt Ion	75	Resp	184127
Ion Ratio	100	Lower	Upper
77	29.4	0.0	68.4





#73

Bromobenzene

Concen: 18.840 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

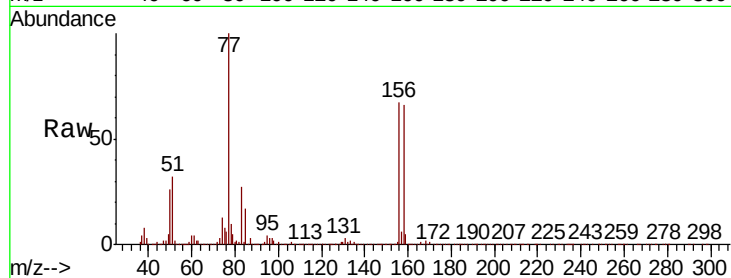
Tot Ion:156 Resp: 129327

Ion Ratio Lower Upper

156 100

77 155.2 0.0 304.6

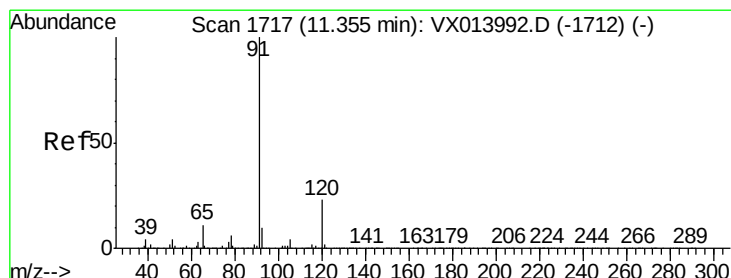
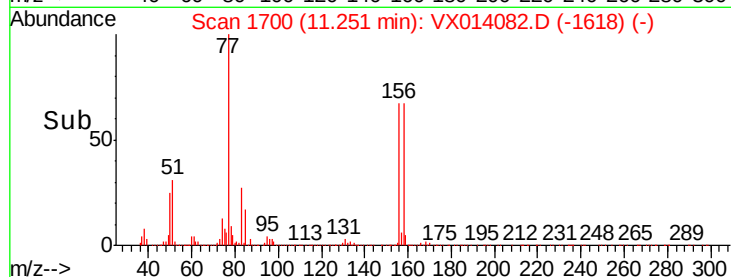
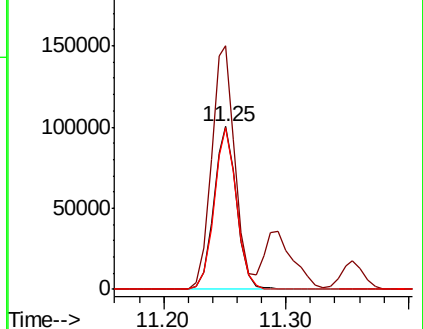
158 98.0 0.0 195.2



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: 19.294 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014082.D

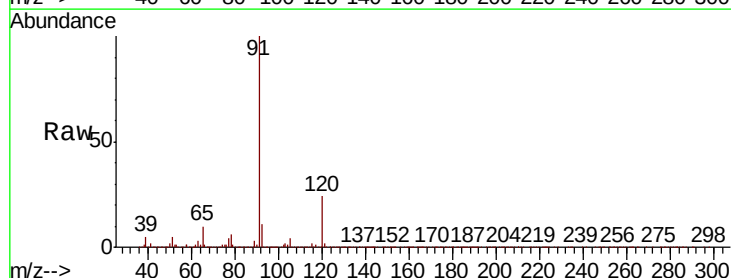
Acq: 18 Dec 2019 04:57

Tgt Ion: 91 Resp: 562735

Ion Ratio Lower Upper

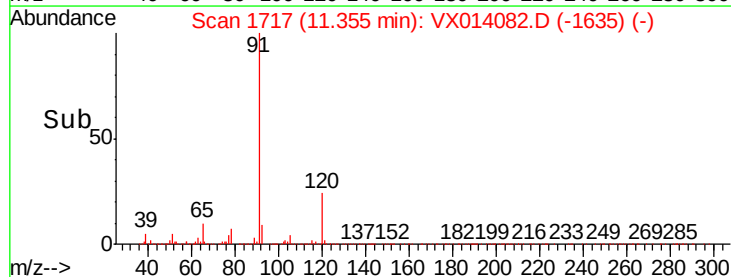
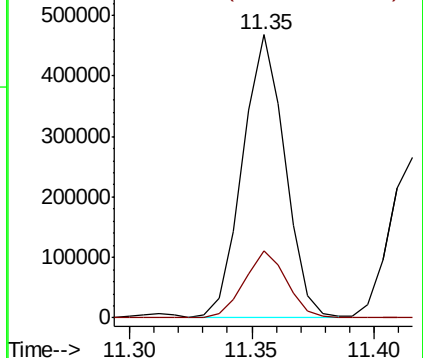
91 100

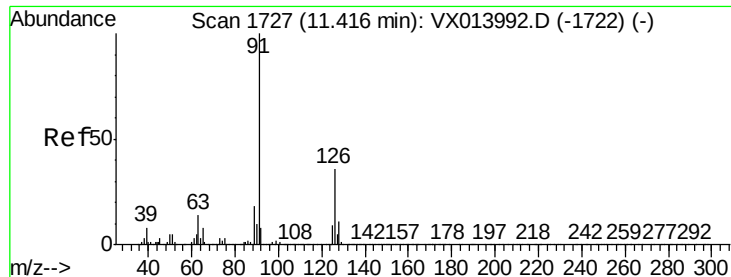
120 23.5 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.090 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

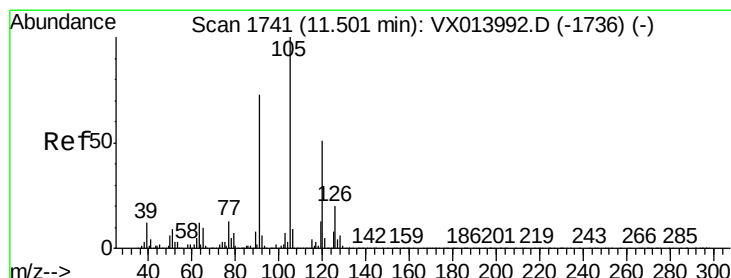
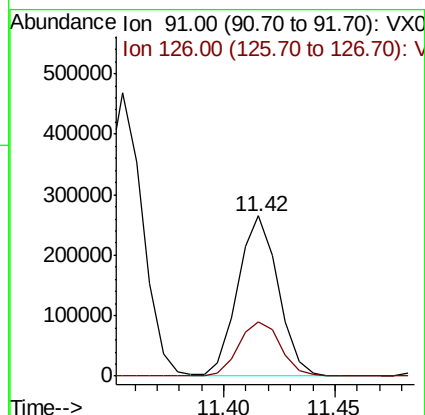
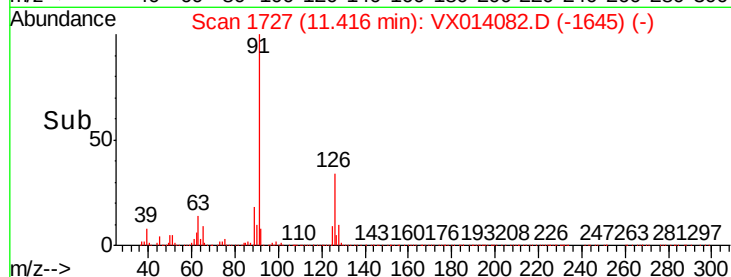
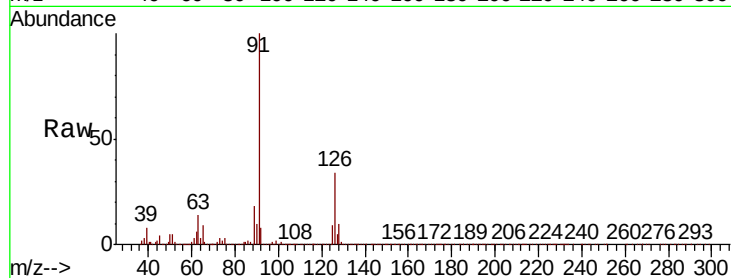
VSTDCCC020EC

Tot Ion: 91 Resp: 336426

Ion Ratio Lower Upper

91 100

126 34.9 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 18.815 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014082.D

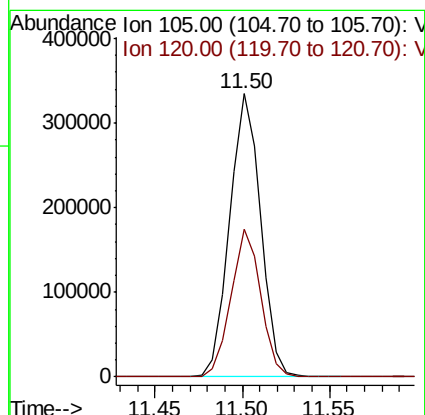
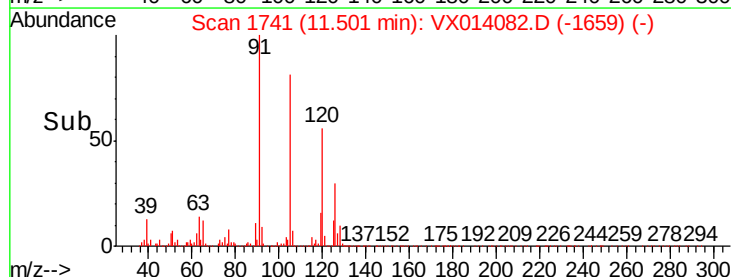
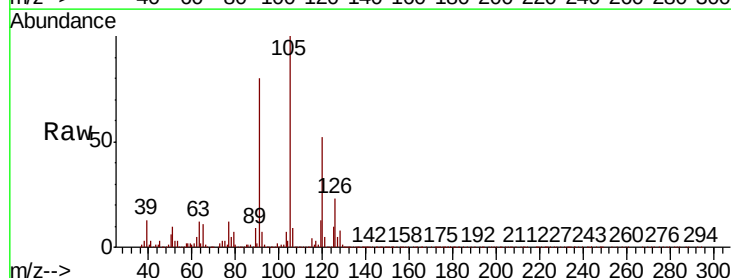
Acq: 18 Dec 2019 04:57

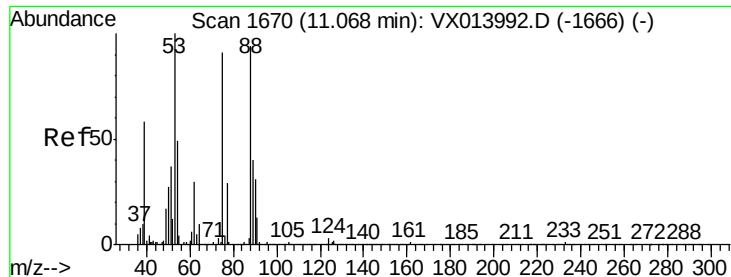
Tgt Ion: 105 Resp: 410431

Ion Ratio Lower Upper

105 100

120 50.3 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 16.961 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

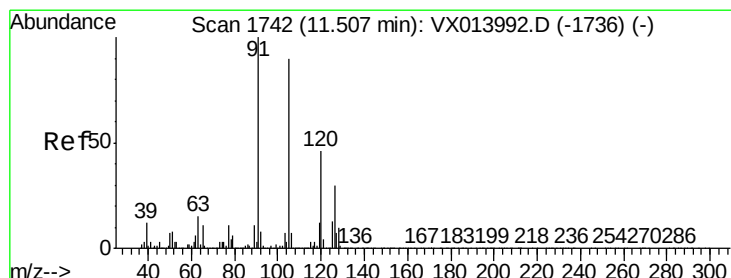
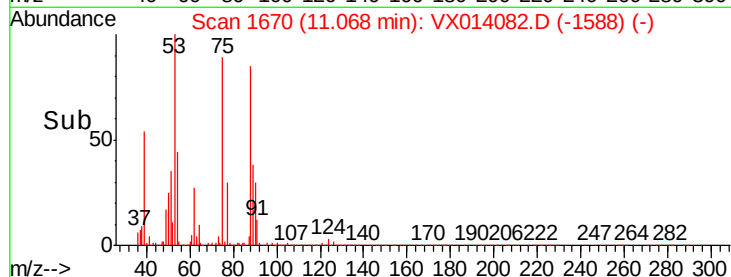
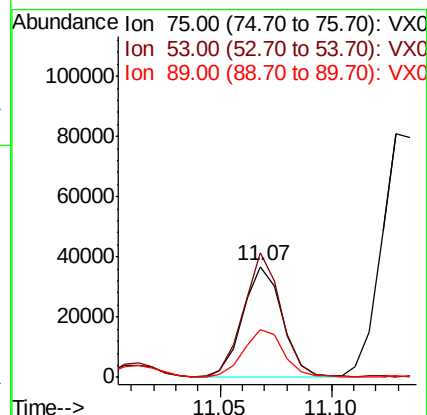
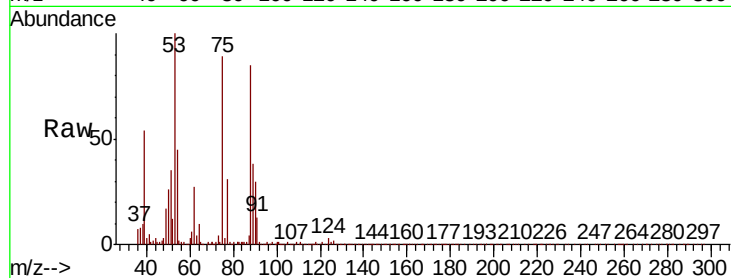
Tot Ion: 75 Resp: 45465

Ion Ratio Lower Upper

75 100

53 112.1 54.4 163.1

89 43.1 21.9 65.5



#78

4-Chlorotoluene

Concen: 18.932 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014082.D

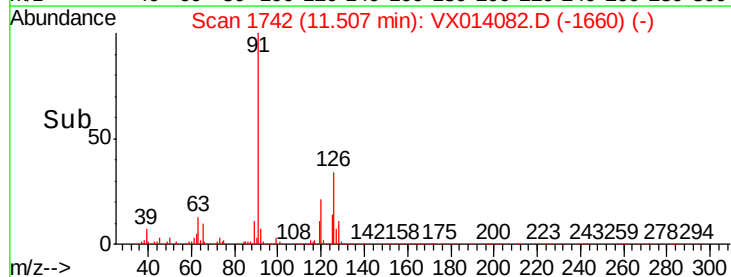
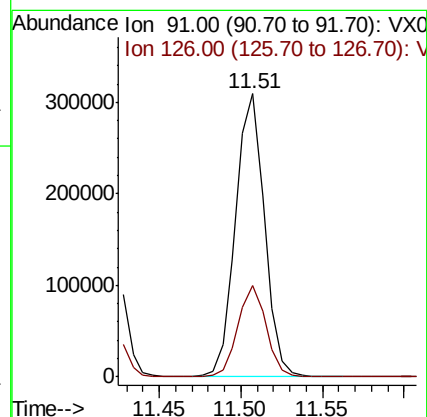
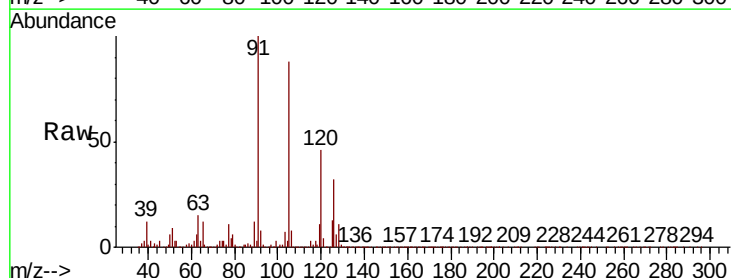
Acq: 18 Dec 2019 04:57

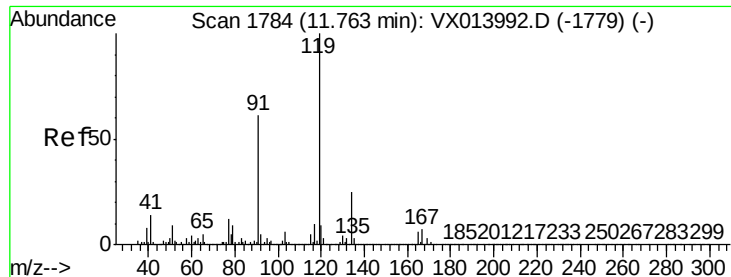
Tgt Ion: 91 Resp: 381247

Ion Ratio Lower Upper

91 100

126 31.5 0.0 59.6





#79

tert-butylbenzene

Concen: 16.341 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

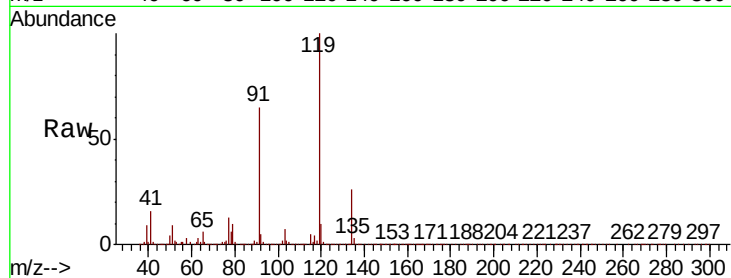
Tot Ion:119 Resp: 343578

Ion Ratio Lower Upper

119 100

91 63.4 0.0 112.6

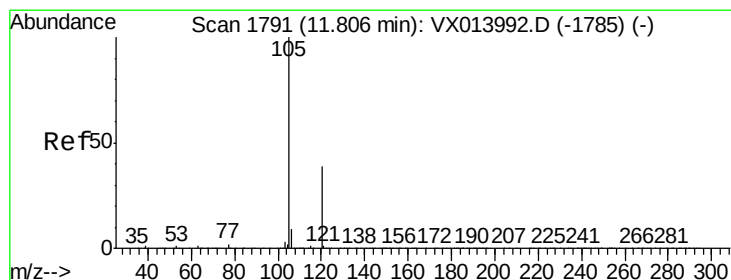
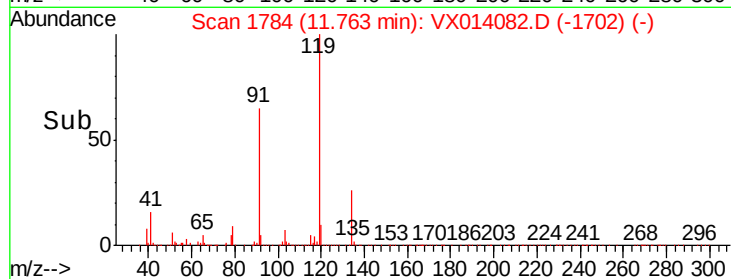
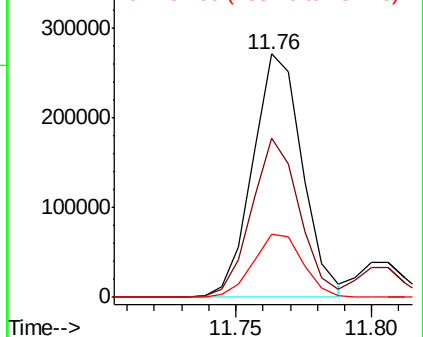
134 26.0 0.0 49.8



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: 18.733 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014082.D

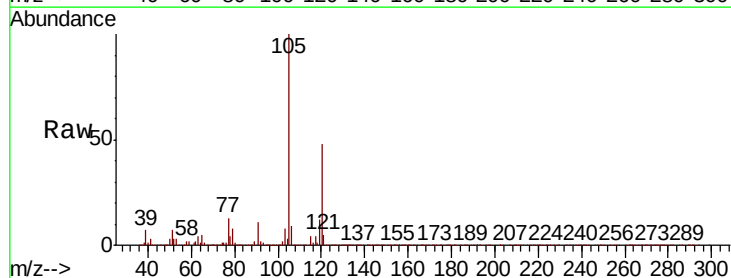
Acq: 18 Dec 2019 04:57

Tgt Ion:105 Resp: 408595

Ion Ratio Lower Upper

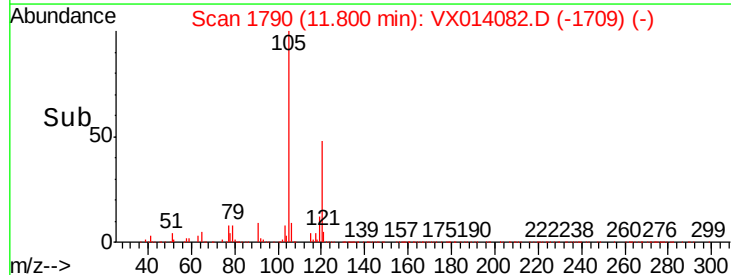
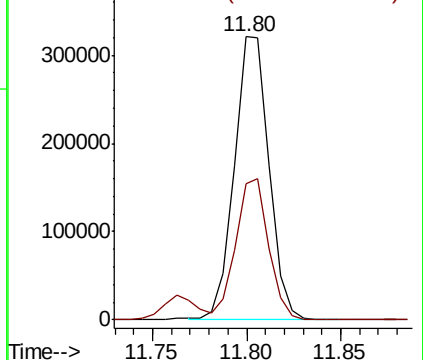
105 100

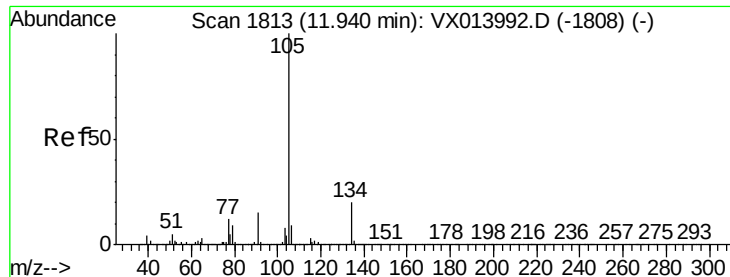
120 47.2 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.859 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

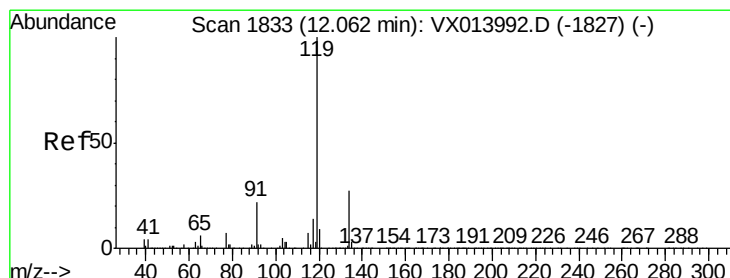
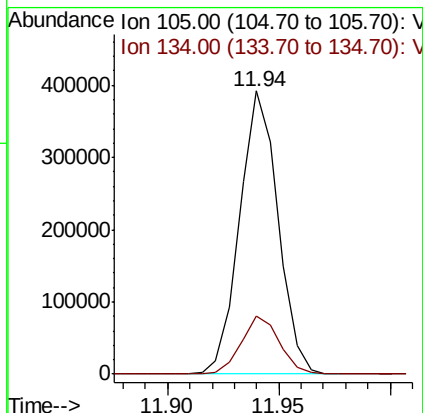
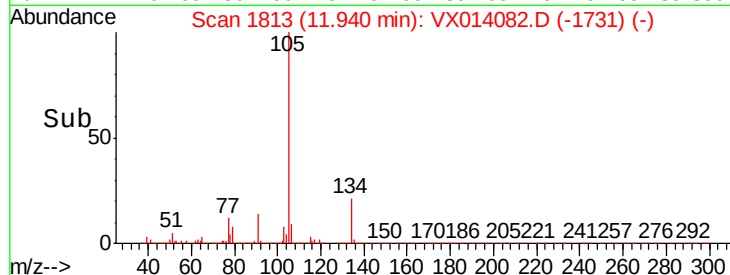
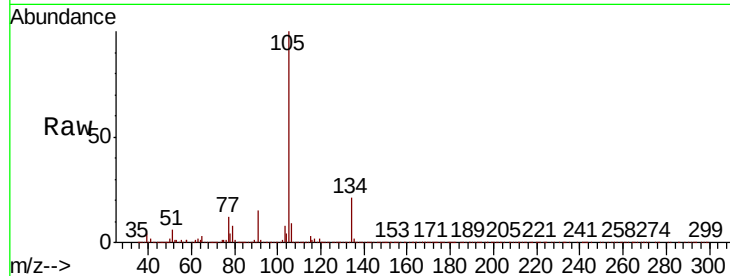
VSTDCCC020EC

Tot Ion:105 Resp: 471644

Ion Ratio Lower Upper

105 100

134 20.2 0.0 40.2



#82

p-Isopropyltoluene

Concen: 18.857 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

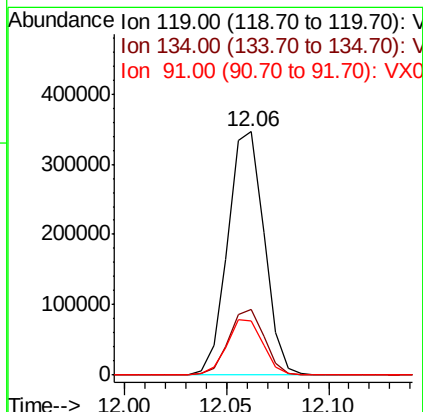
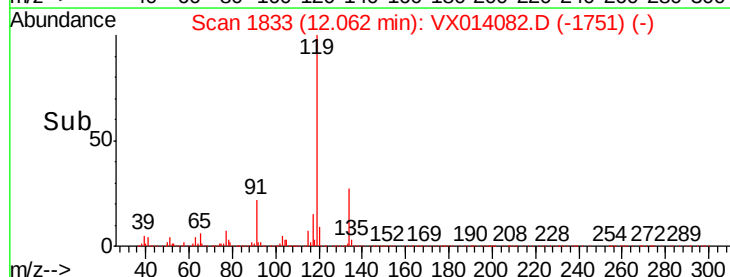
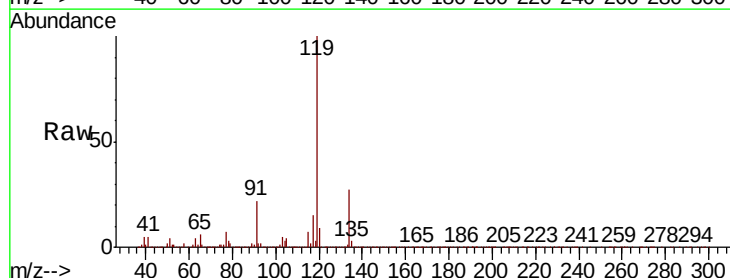
Tgt Ion:119 Resp: 425576

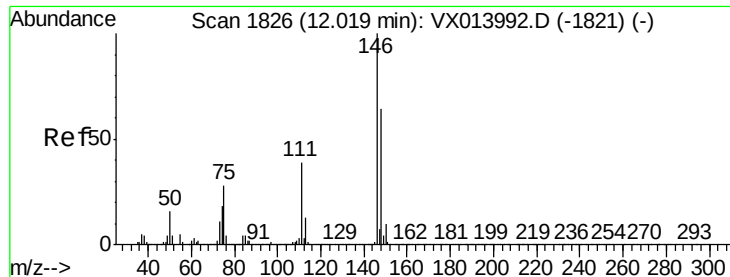
Ion Ratio Lower Upper

119 100

134 26.7 0.0 53.8

91 22.6 0.0 45.0





#83

1,3-Dichlorobenzene

Concen: 18.710 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

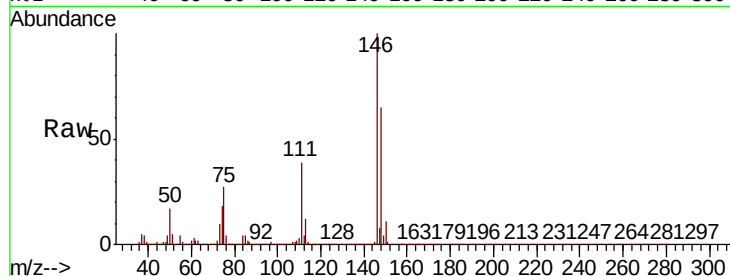
Tot Ion:146 Resp: 223859

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.9

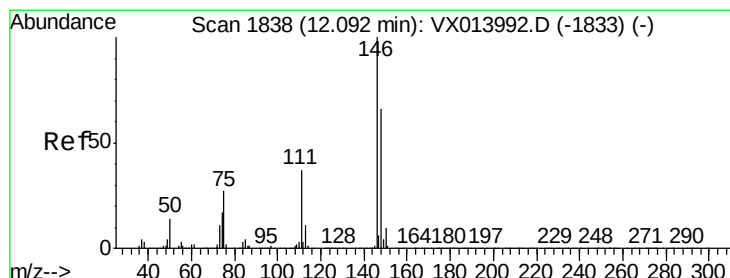
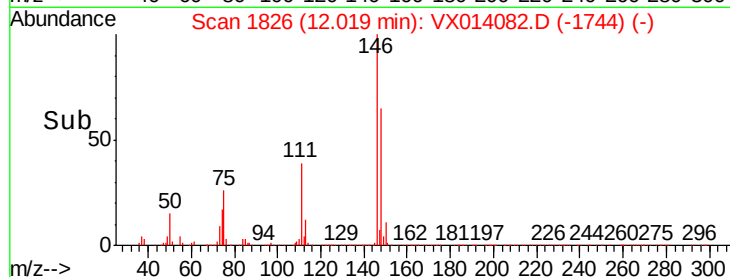
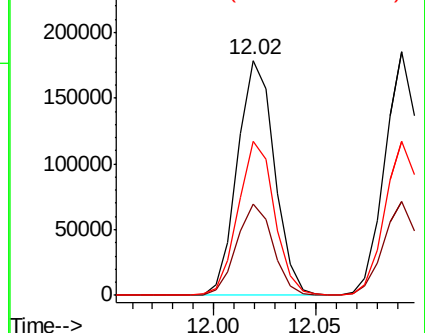
148 64.8 32.2 96.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 18.581 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

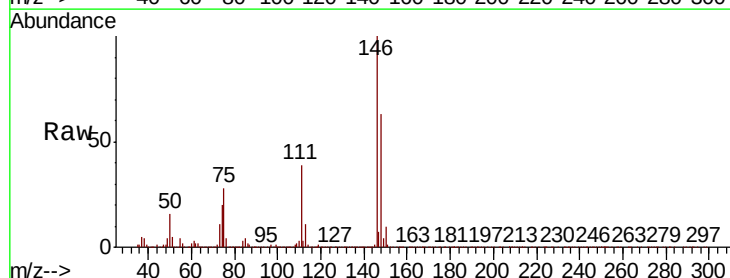
Tgt Ion:146 Resp: 221371

Ion Ratio Lower Upper

146 100

111 38.4 18.4 55.4

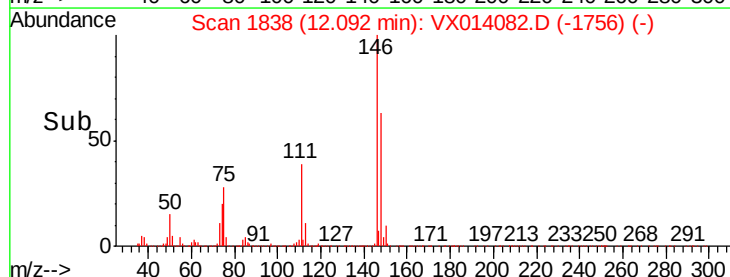
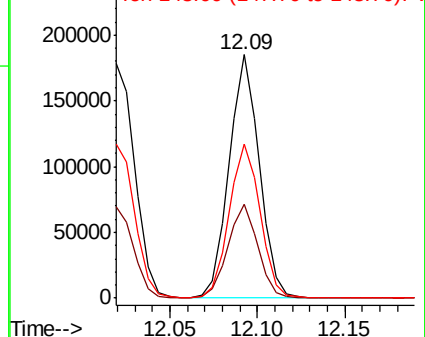
148 65.2 32.0 96.0

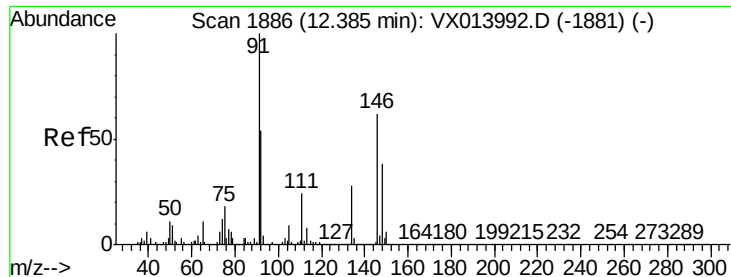


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#85

n-Butylbenzene

Concen: 18.605 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

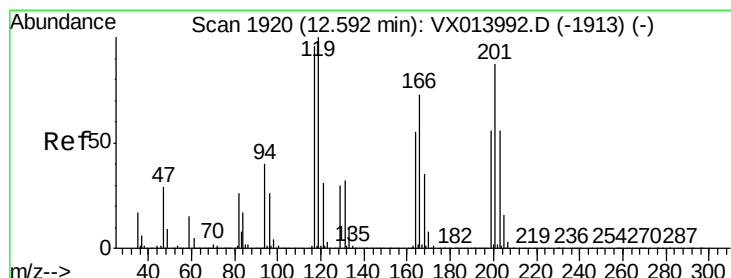
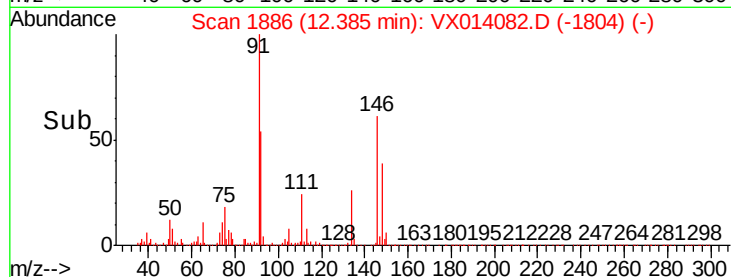
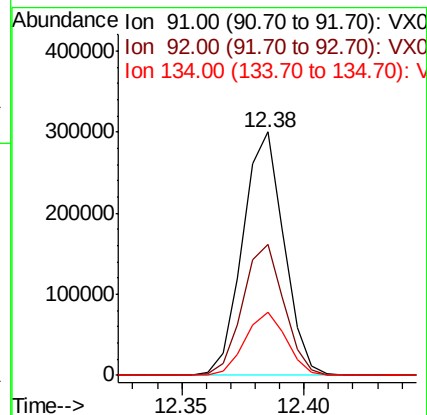
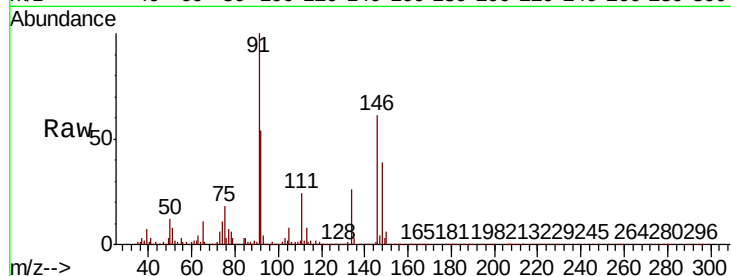
Tot Ion: 91 Resp: 353035

Ion Ratio Lower Upper

91 100

92 53.7 0.0 109.0

134 26.1 0.0 54.0



#86

Hexachloroethane

Concen: 17.013 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014082.D

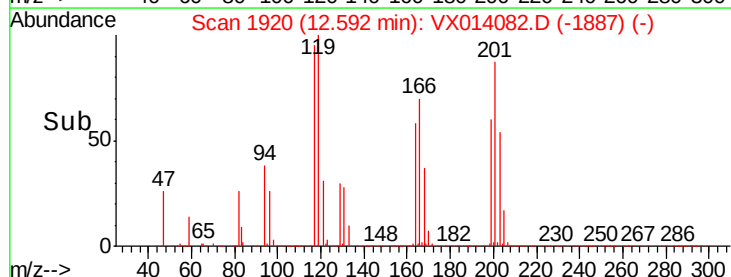
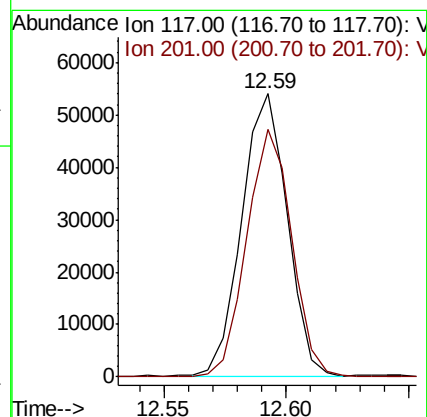
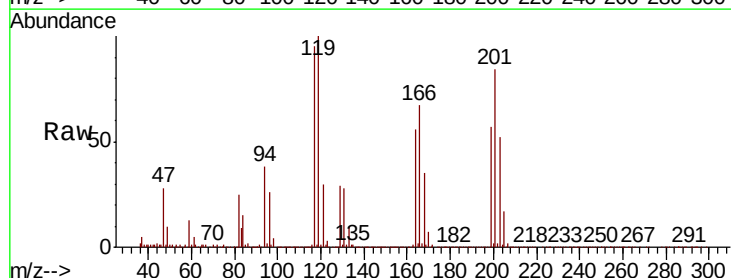
Acq: 18 Dec 2019 04:57

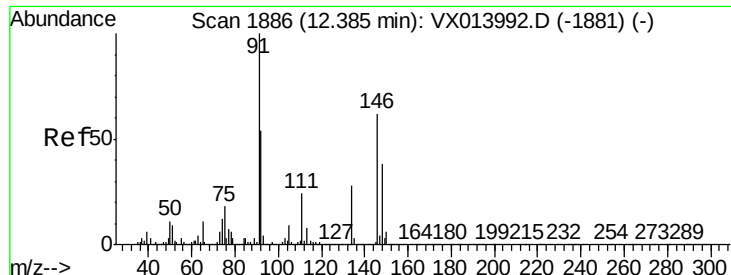
Tgt Ion: 117 Resp: 69655

Ion Ratio Lower Upper

117 100

201 87.1 44.8 134.3





#87

1,2-Dichlorobenzene

Concen: 18.710 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

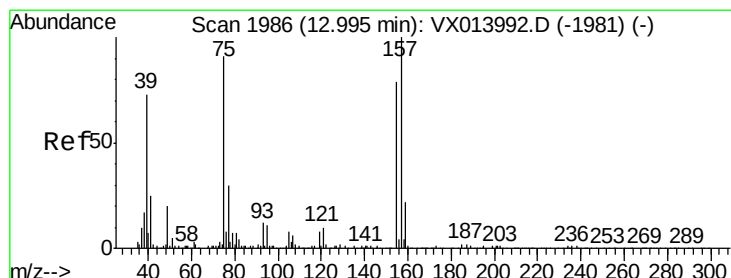
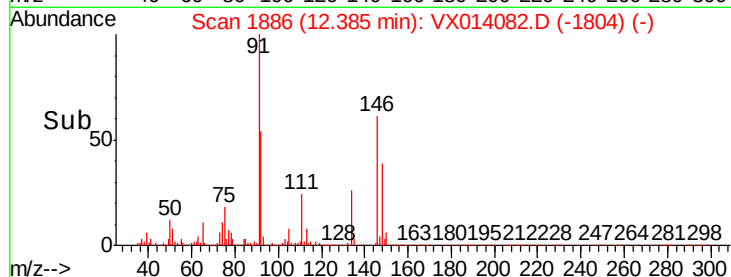
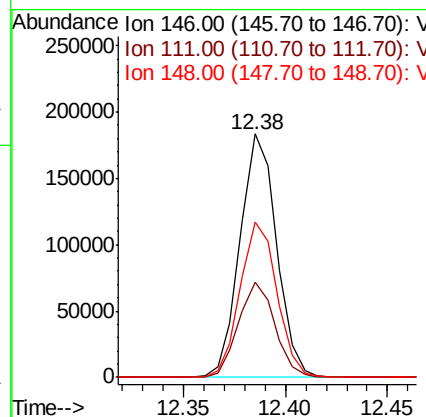
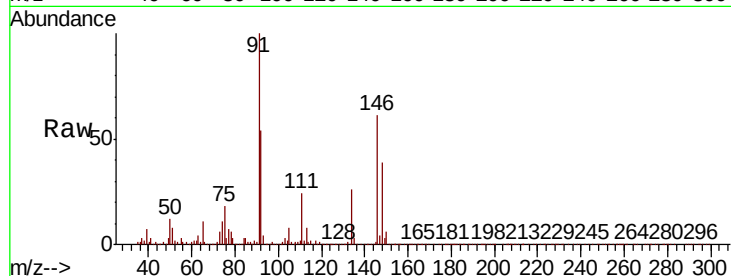
Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:146 Resp: 227379

Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.1	60.2
148	64.8	32.0	96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.528 ug/l

RT: 12.99 min Scan# 1886

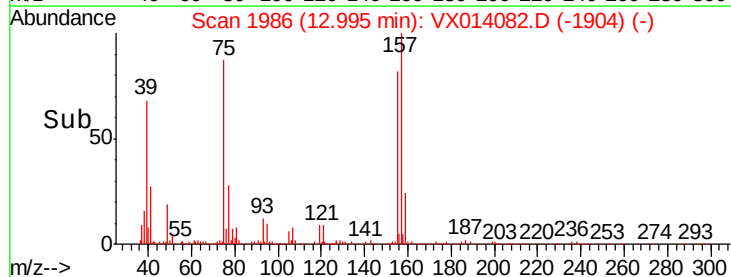
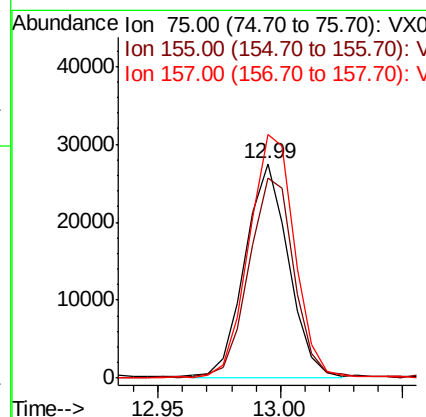
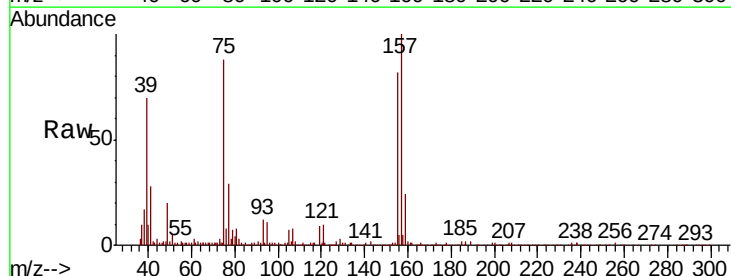
Delta R.T. -0.00 min

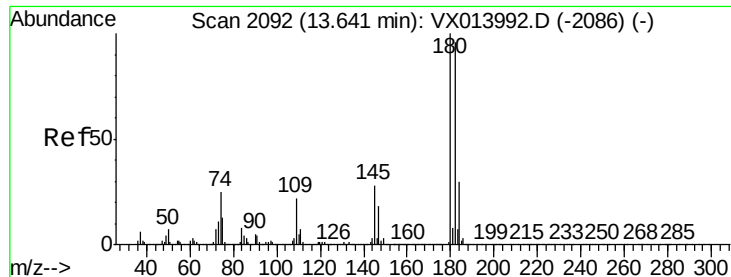
Lab File: VX014082.D

Acq: 18 Dec 2019 04:57

Tgt Ion: 75 Resp: 33676

Ion	Ratio	Lower	Upper
75	100		
155	98.9	73.8	110.6
157	120.2	95.0	142.4

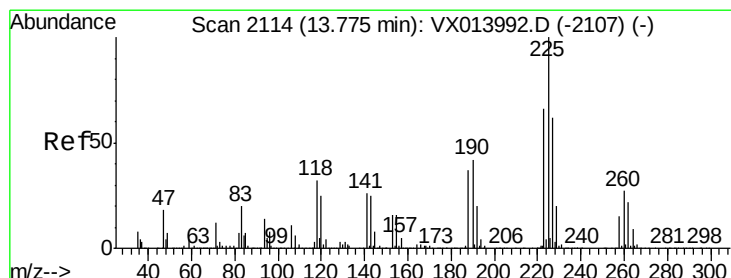
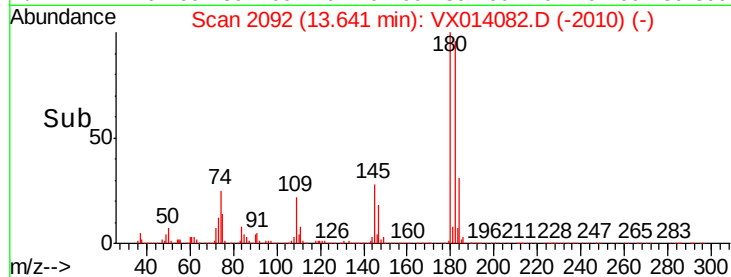
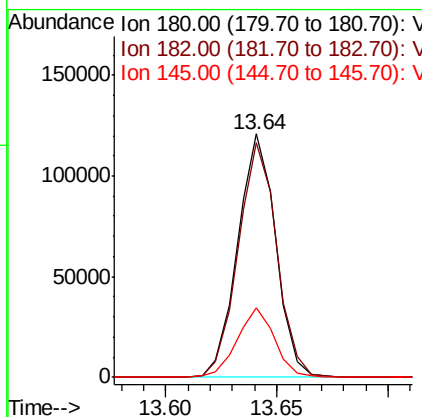
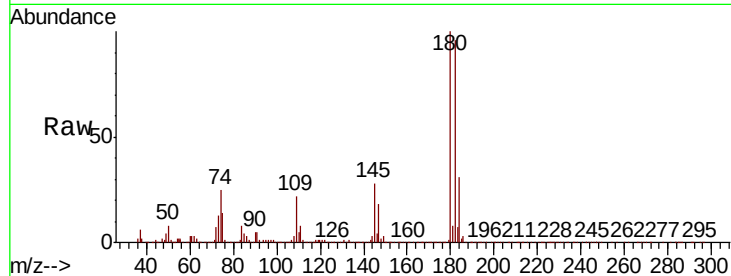




#89
 1,2,4-Trichlorobenzene
 Concen: 18.469 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014082.D
 Acq: 18 Dec 2019 04:57

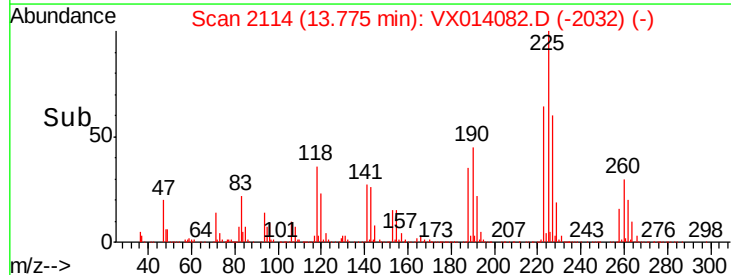
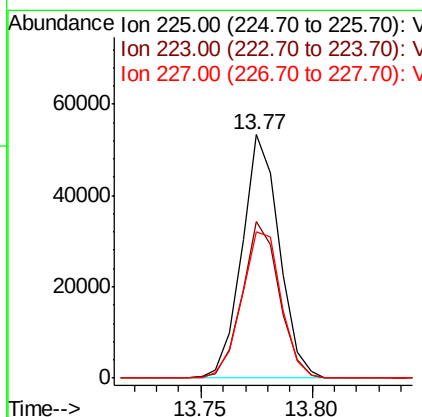
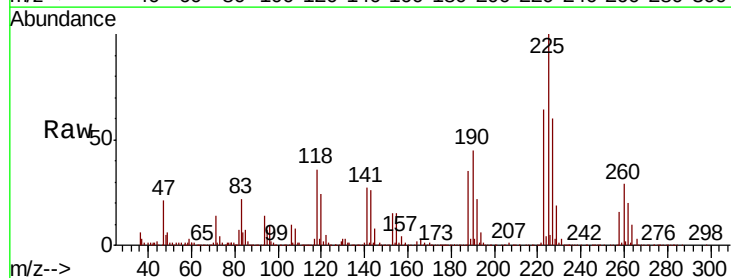
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

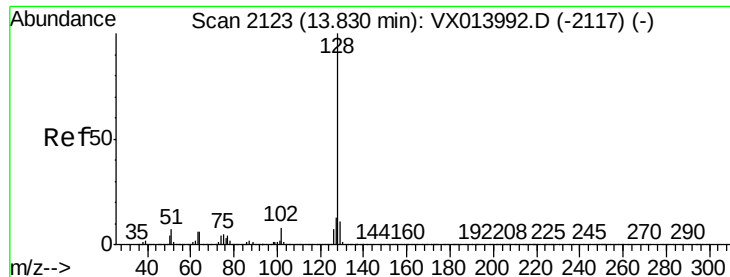
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.5	76.4	114.6
145	28.1	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 16.908 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014082.D
 Acq: 18 Dec 2019 04:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	0.0	127.4
227	63.8	0.0	122.8

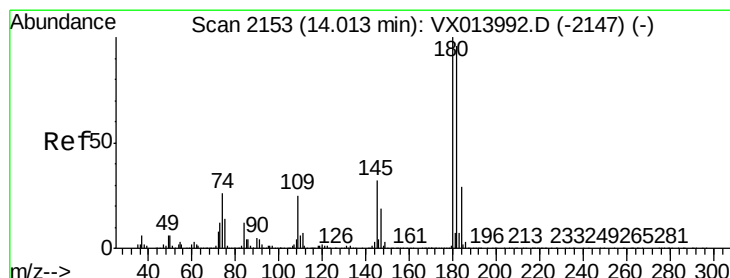
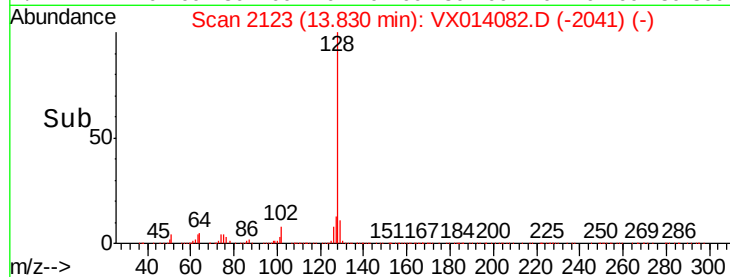
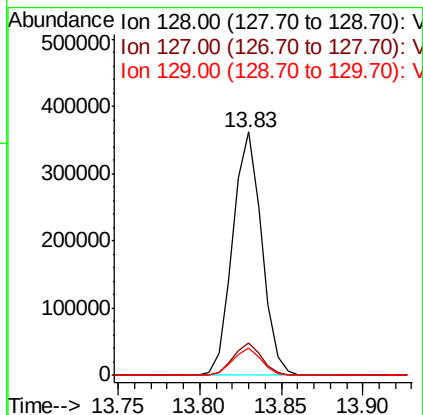
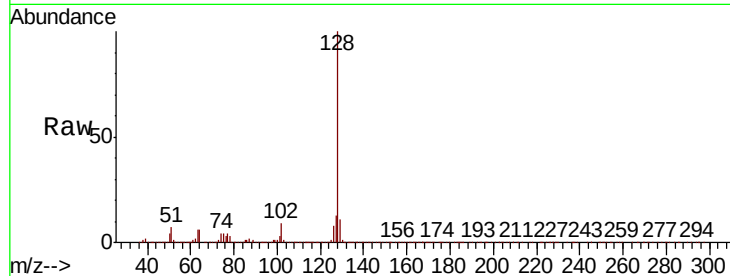




#91
Naphthalene
Concen: 19.200 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 448228
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.1 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.939 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014082.D
Acq: 18 Dec 2019 04:57

Tgt Ion:180 Resp: 149204
Ion Ratio Lower Upper
180 100
182 95.2 0.0 192.8
145 30.0 0.0 60.0

