

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX014004.D
 Acq On : 13 Dec 2019 05:03
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Dec 13 05:33:29 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	5.01	128	91394	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	500983	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	453286	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	193288	29.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.43%
60) 4-Bromofluorobenzene	11.14	95	220789	30.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.53%
63) Toluene-d8	8.71	98	623616	30.78	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	83323	18.048	ug/l 99
3) Chloromethane	1.32	50	123051	18.911	ug/l 95
4) Vinyl Chloride	1.40	62	129317	19.387	ug/l 100
5) Bromomethane	1.63	94	82309	16.880	ug/l 97
6) Chloroethane	1.70	64	113231	27.482	ug/l 95
7) Trichlorofluoromethane	1.92	101	154517	18.616	ug/l 98
8) Diethyl Ether	2.18	74	75586	19.812	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89763	18.133	ug/l 99
10) 1,1-Dichloroethene	2.36	96	95987	18.755	ug/l 99
11) Methyl Iodide	2.50	142	130613	19.825	ug/l 98
12) Methyl Acetate	2.76	43	147547	18.623	ug/l 98
13) Acrolein	2.29	56	38865	40.444	ug/l 99
14) Acrylonitrile	3.13	53	296378	95.689	ug/l 100
15) Acetone	2.44	58	82276	90.426	ug/l 96
16) Carbon Disulfide	2.56	76	269178	19.415	ug/l 98
17) Allyl chloride	2.72	41	168314	18.302	ug/l 99
18) Methylene Chloride	2.84	84	125053	19.941	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	106562	19.014	ug/l 96
20) Diisopropyl ether	3.84	45	368034	19.503	ug/l 99
21) 1,1-Dichloroethane	3.69	63	195705	19.109	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	122467	18.850	ug/l 97
23) tert-Butyl Alcohol	3.04	59	117372	96.614	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	334136	19.327	ug/l 99
25) Chloroform	5.20	83	188250	19.280	ug/l 100
26) Cyclohexane	5.57	56	168090	18.406	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	141705	19.582	ug/l 99
30) 2-Butanone	4.66	43	410293	96.191	ug/l 99
31) 2,2-Dichloropropane	4.57	77	109563	16.368	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	156427	19.543	ug/l 99
33) Carbon Tetrachloride	5.78	117	130689	19.207	ug/l 99
34) Benzene	6.14	78	448593	19.881	ug/l 98
35) Methacrylonitrile	5.03	41	91212	19.883	ug/l 92
36) 1,2-Dichloroethane	6.18	62	156626	19.983	ug/l 99
37) Trichloroethene	7.21	130	114175	18.596	ug/l 90
38) Methylcyclohexane	7.46	83	163946	18.993	ug/l 98
39) 1,2-Dichloropropane	7.51	63	114544	19.545	ug/l 93
40) Dibromomethane	7.65	93	76324	20.386	ug/l 96

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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	144413	19.921	ug/l	98
42) Vinyl Acetate	3.80	43	1542976	102.460	ug/l	99
43) Ethyl Acetate	4.81	43	158106	19.318	ug/l	97
44) Isopropyl Acetate	6.43	43	264687	19.309	ug/l	99
45) 1,4-Dioxane	7.73	88	52597	409.732	ug/l	98
46) Methyl methacrylate	7.76	41	130837	19.650	ug/l	97
47) n-amyl Acetate	10.89	43	232762	19.097	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	145894	18.439	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	164684	18.508	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	113934	19.719	ug/l	98
51) Ethyl methacrylate	9.17	69	173884	18.920	ug/l	97
52) 1,3-Dichloropropane	9.37	76	191198	19.477	ug/l	98
53) Dibromochloromethane	9.57	129	111941	19.375	ug/l	99
54) 1,2-Dibromoethane	9.67	107	118615	19.939	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	381067	94.059	ug/l	99
56) Bromoform	10.85	173	82076	18.217	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	845846	99.732	ug/l	99
59) 2-Hexanone	9.49	43	631379	98.096	ug/l	99
61) Tetrachloroethene	9.33	164	106841	17.817	ug/l	99
62) Toluene	8.78	91	478651	19.854	ug/l	100
64) Chlorobenzene	10.14	112	295995	19.597	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	108705	19.437	ug/l	99
66) Ethyl Benzene	10.25	91	522655	19.810	ug/l	99
67) m/p-Xylenes	10.35	106	393182	38.985	ug/l	98
68) o-Xylene	10.70	106	192203	19.237	ug/l	100
69) Styrene	10.71	104	325842	19.178	ug/l	99
70) Isopropylbenzene	11.01	105	502271	19.454	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	183957	20.091	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	185377	22.745	ug/l	92
73) Bromobenzene	11.25	156	131347	19.057	ug/l	98
74) n-propylbenzene	11.35	91	565255	19.302	ug/l	98
75) 2-Chlorotoluene	11.42	91	345469	19.524	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	419235	19.141	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	45029	16.731	ug/l	95
78) 4-Chlorotoluene	11.51	91	384537	19.018	ug/l	98
79) tert-butylbenzene	11.76	119	422166	19.997	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	417502	19.064	ug/l	99
81) sec-Butylbenzene	11.94	105	478554	19.058	ug/l	99
82) p-Isopropyltoluene	12.06	119	429208	18.941	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	225139	18.741	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	222936	18.636	ug/l	99
85) n-Butylbenzene	12.39	91	340992	17.897	ug/l	99
86) Hexachloroethane	12.59	117	74362	18.089	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	233308	19.120	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	35152	19.261	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	139964	17.947	ug/l	100
90) Hexachlorobutadiene	13.78	225	65238	17.599	ug/l	98
91) Naphthalene	13.83	128	440152	18.778	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	145705	18.420	ug/l	99

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

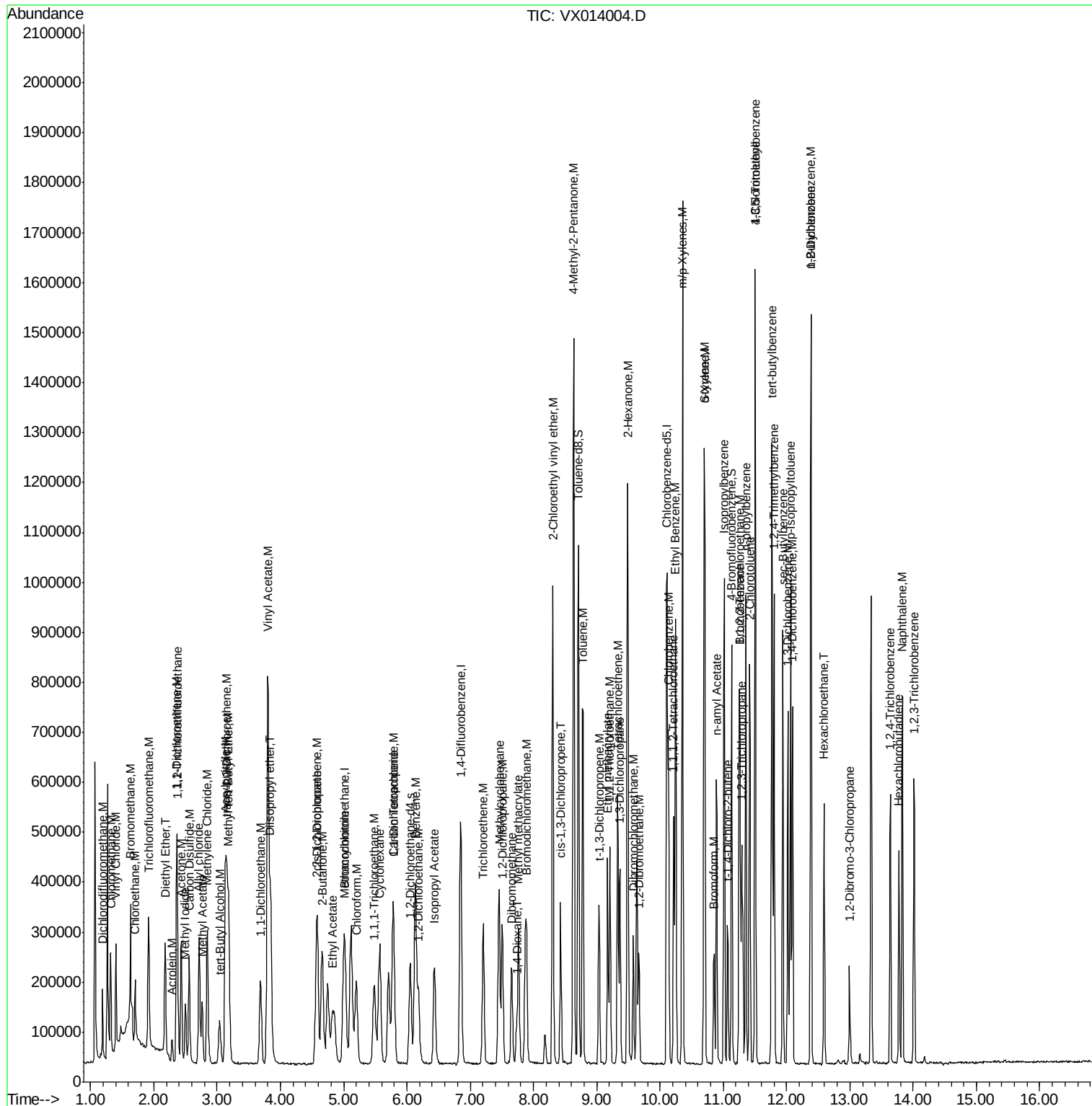
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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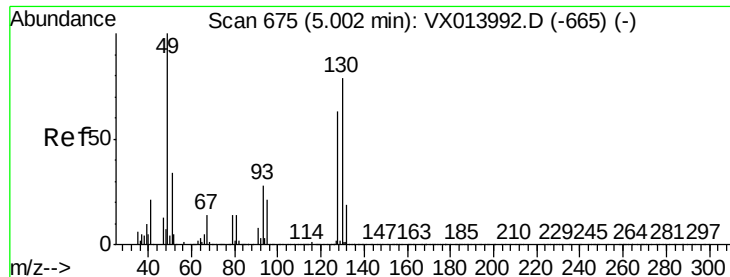
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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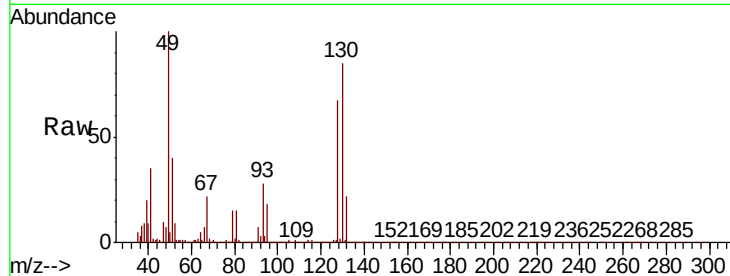


#1

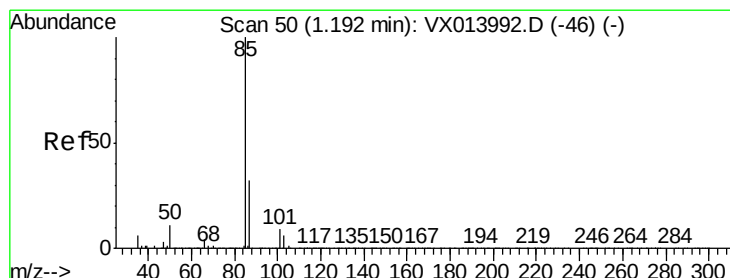
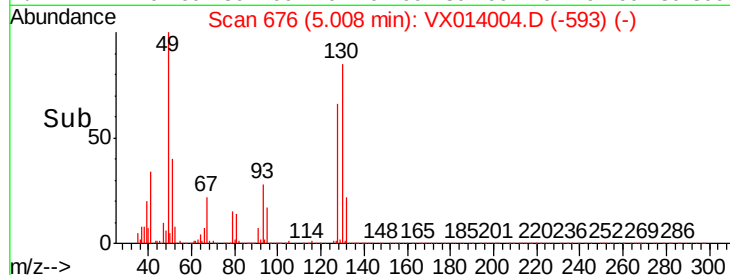
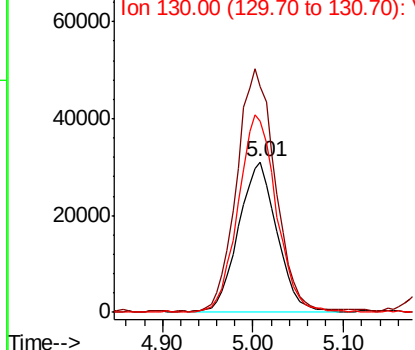
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:128 Resp: 91394
 Ion Ratio Lower Upper
 128 100
 49 160.6 0.0 405.0
 130 130.5 0.0 321.5



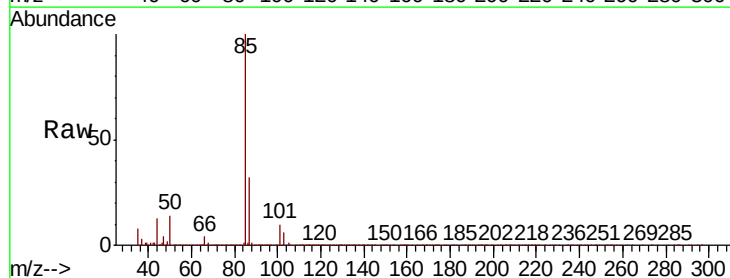
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



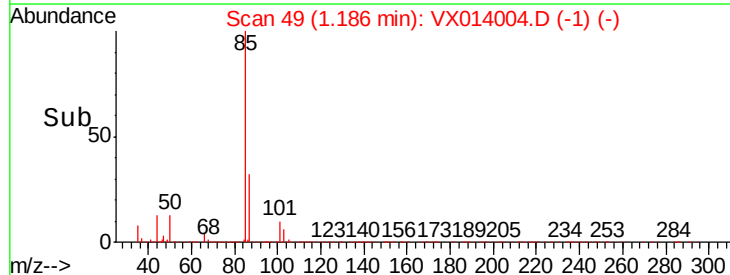
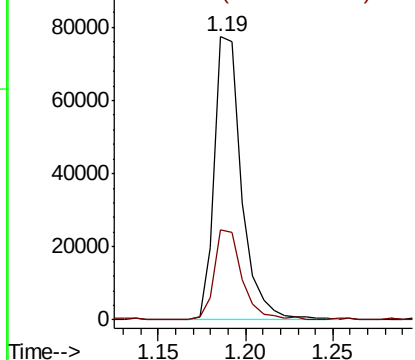
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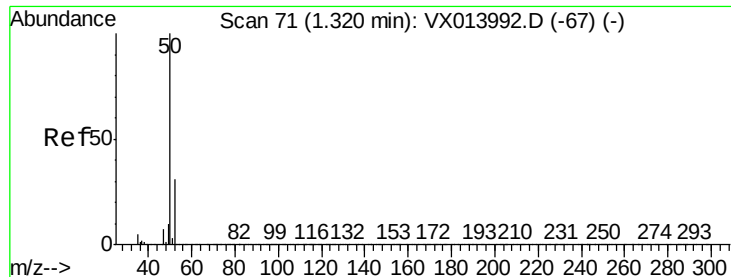
Dichlorodifluoromethane
 Concen: 18.048 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.01 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Tgt Ion: 85 Resp: 83323
 Ion Ratio Lower Upper
 85 100
 87 32.0 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0

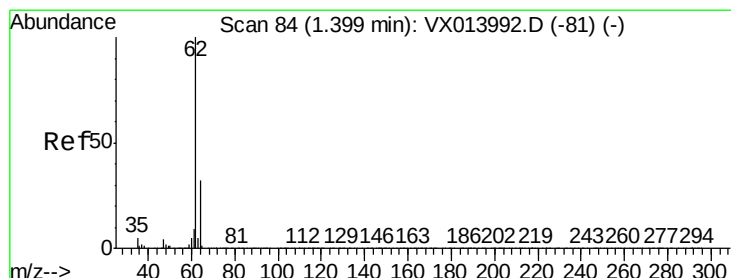
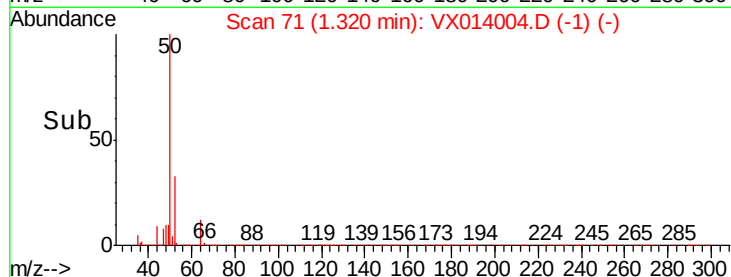
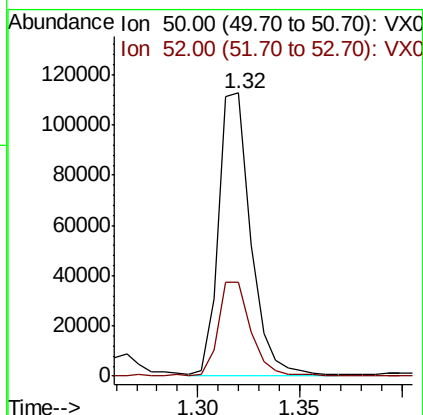
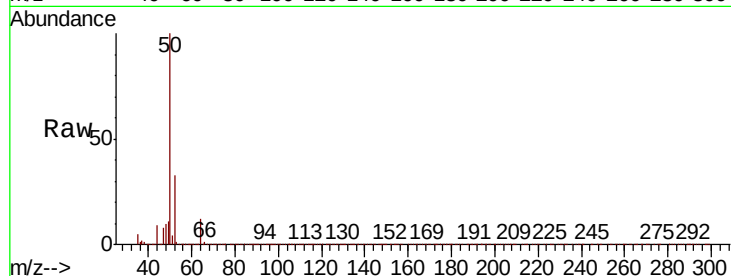




#3
Chloromethane
Concen: 18.911 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

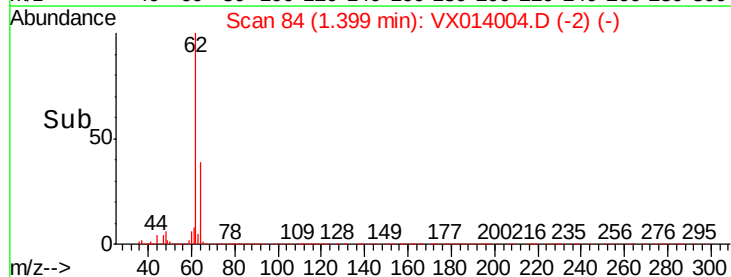
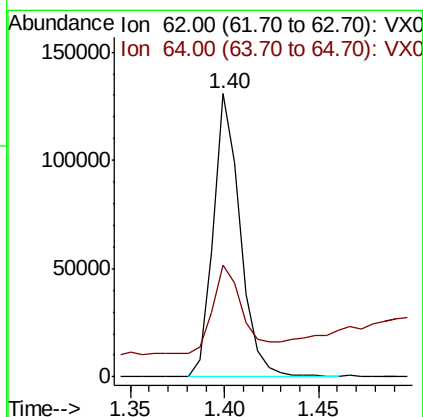
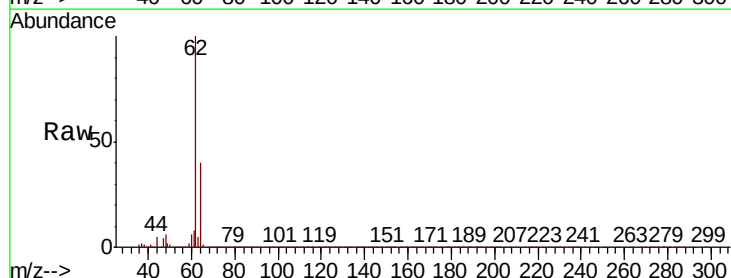
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

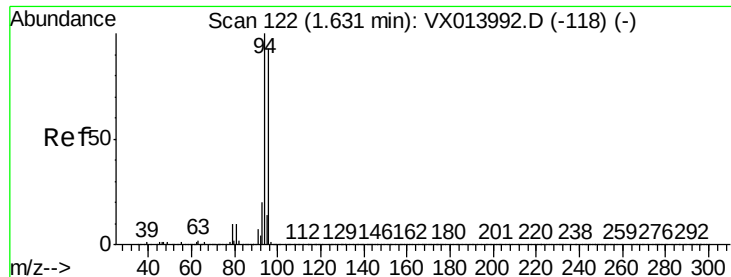
Tot Ion: 50 Resp: 123051
Ion Ratio Lower Upper
50 100
52 33.4 24.3 36.5



#4
Vinyl Chloride
Concen: 19.387 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion: 62 Resp: 129317
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5

Bromomethane

Concen: 16.880 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

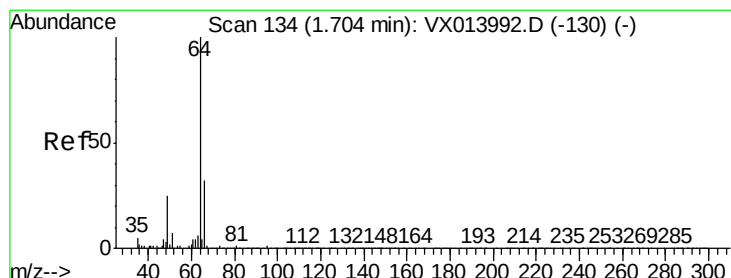
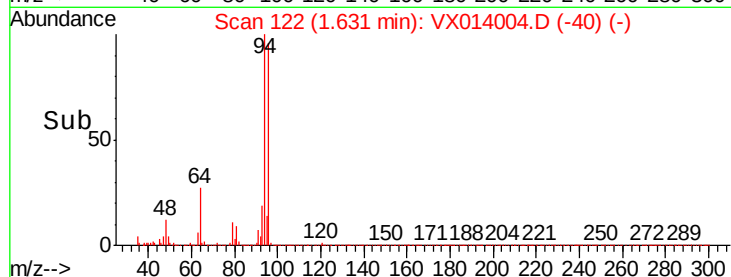
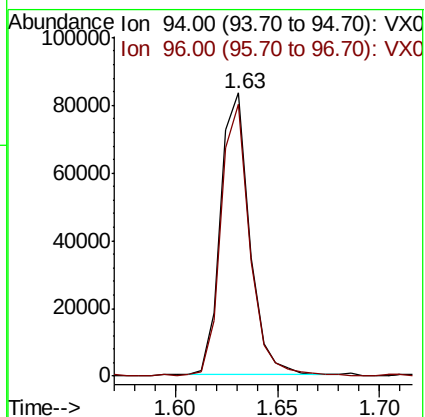
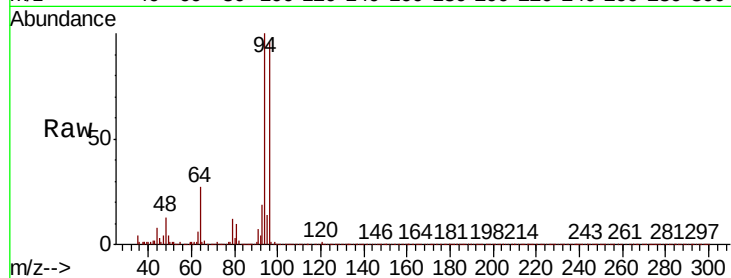
VSTDCCC020EC

Tot Ion: 94 Resp: 82309

Ion Ratio Lower Upper

94 100

96 96.0 74.4 111.6



#6

Chloroethane

Concen: 27.482 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX014004.D

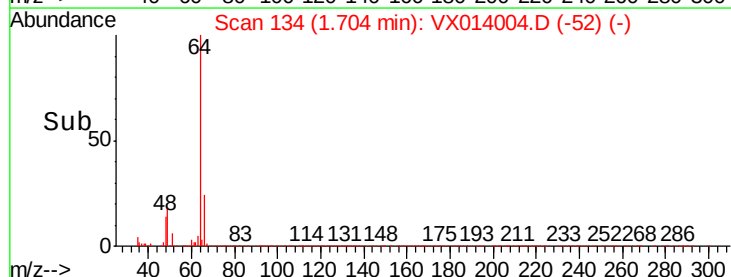
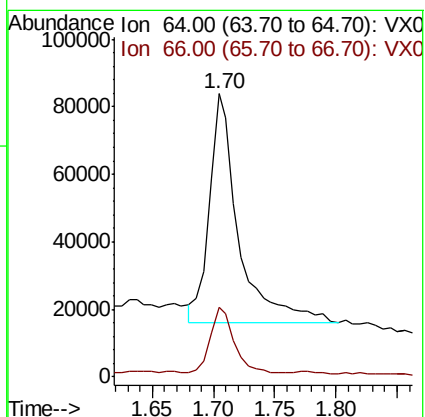
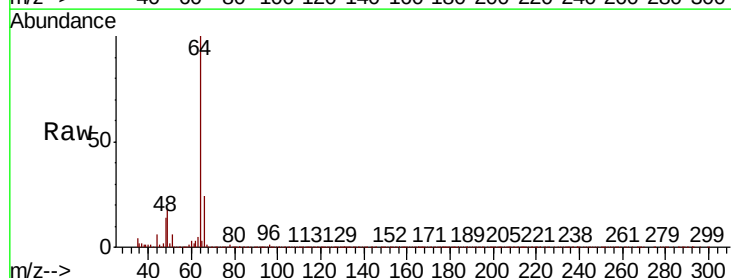
Acq: 13 Dec 2019 05:03

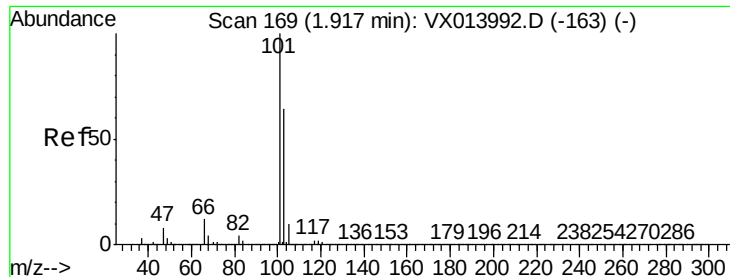
Tgt Ion: 64 Resp: 113231

Ion Ratio Lower Upper

64 100

66 28.7 25.2 37.8



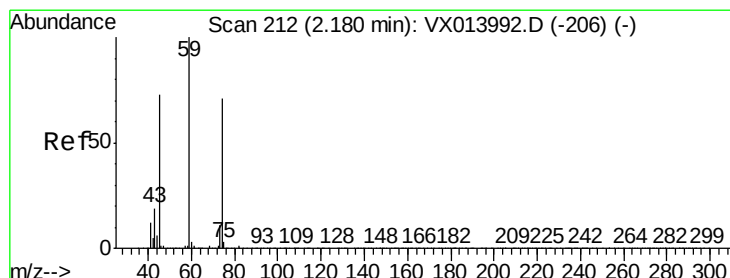
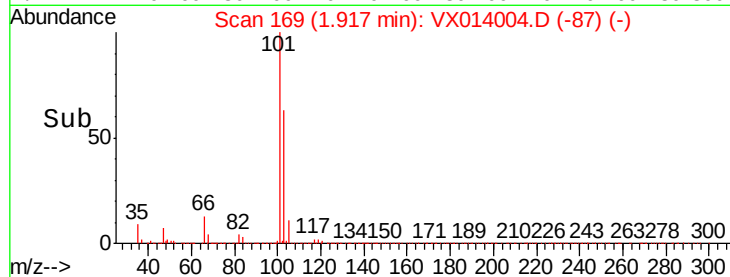
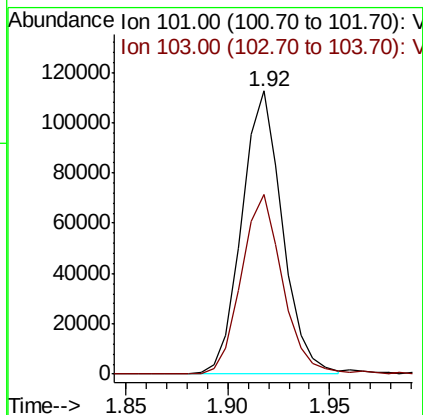
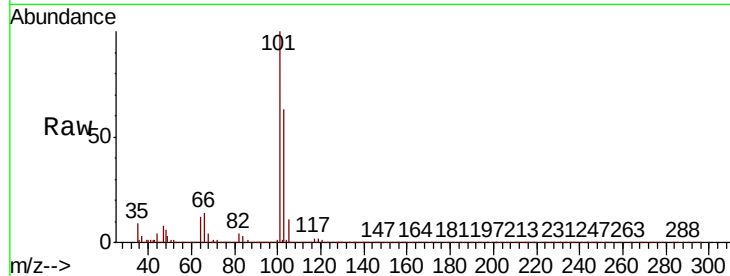


#7

Trichlorofluoromethane
 Concen: 18.616 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Instrument :
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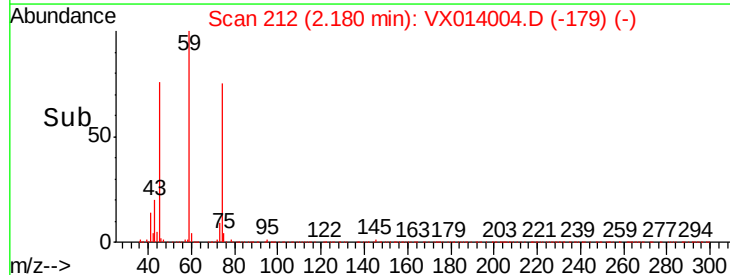
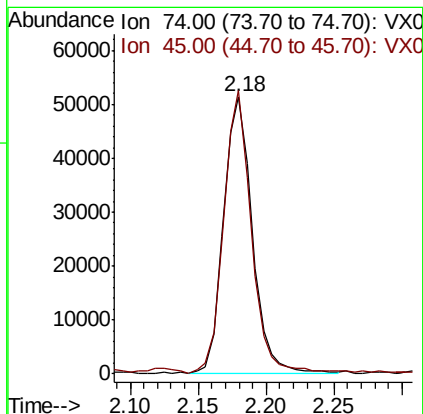
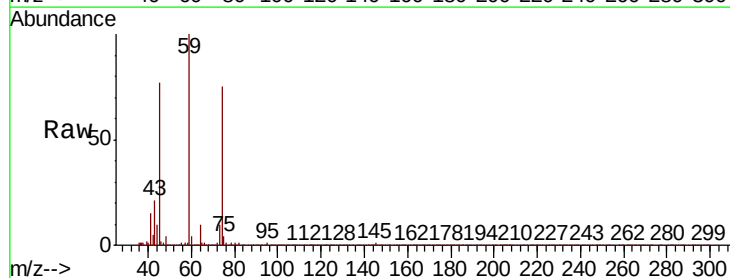
Tot Ion:101 Resp: 154517
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.6 77.4

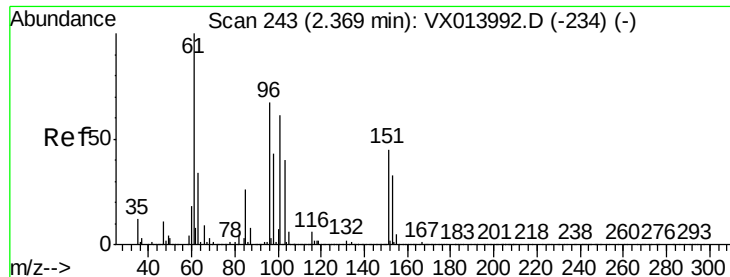


#8

Diethyl Ether
 Concen: 19.812 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Tgt Ion: 74 Resp: 75586
 Ion Ratio Lower Upper
 74 100
 45 97.9 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.133 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

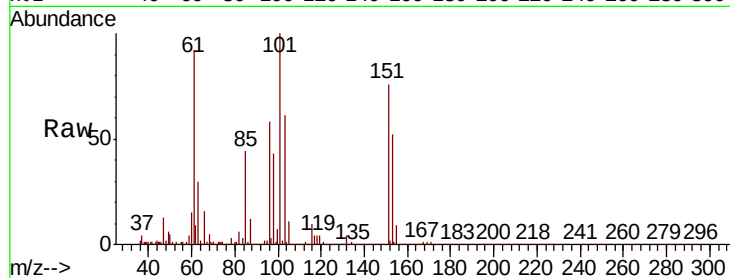
Tot Ion:101 Resp: 89763

Ion Ratio Lower Upper

101 100

85 42.8 0.0 85.6

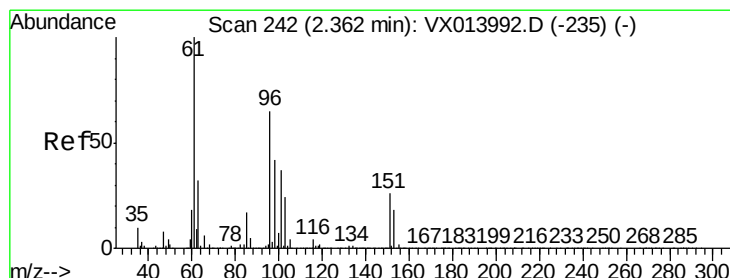
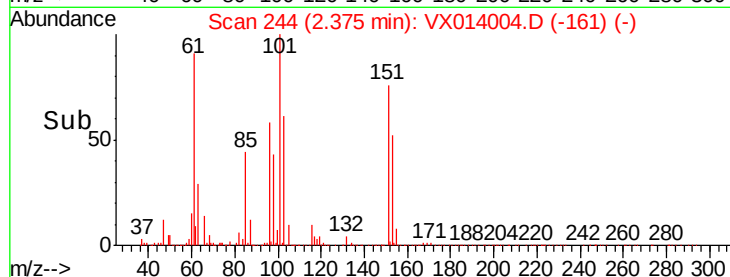
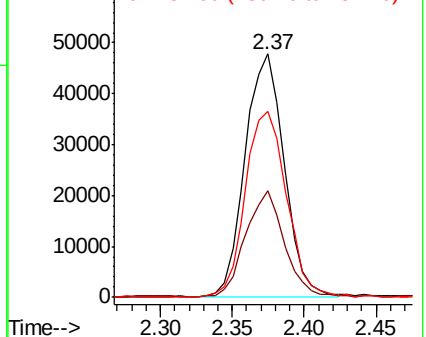
151 80.6 0.0 159.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.755 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

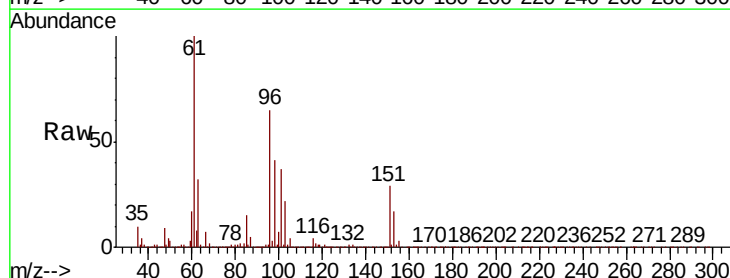
Tgt Ion: 96 Resp: 95987

Ion Ratio Lower Upper

96 100

61 154.3 123.0 184.6

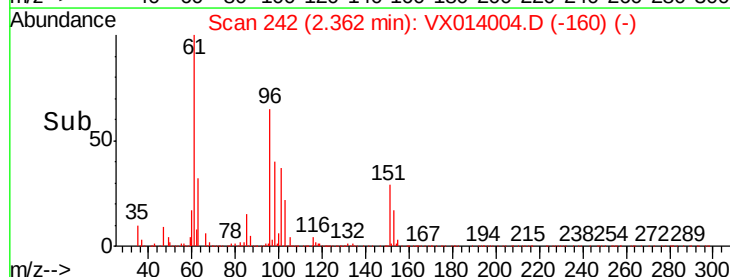
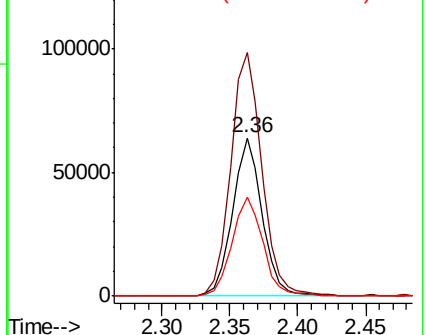
98 62.6 51.4 77.0

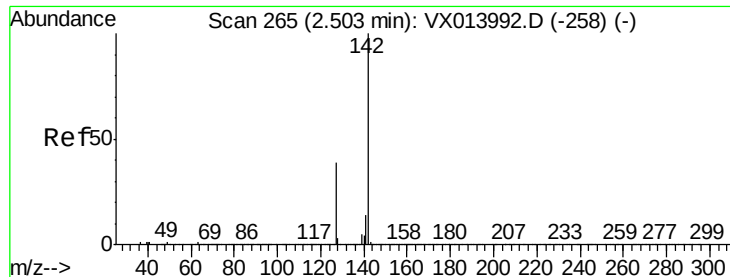


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

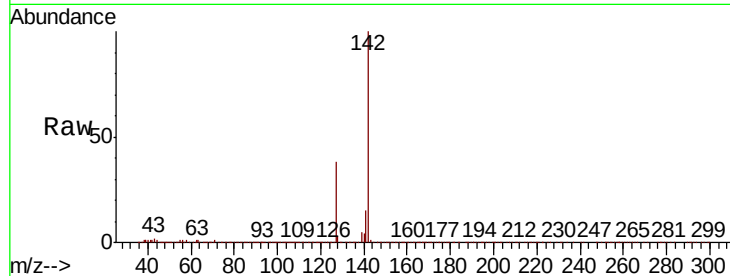




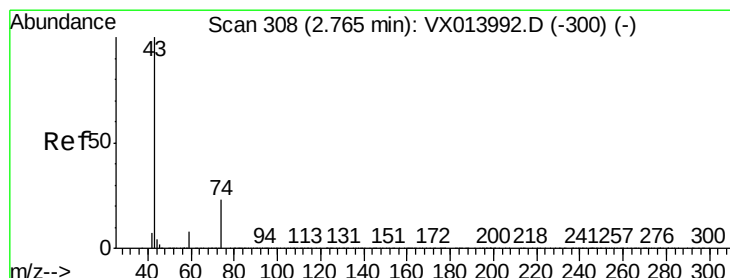
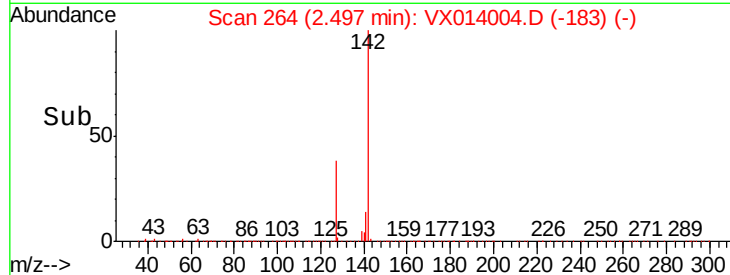
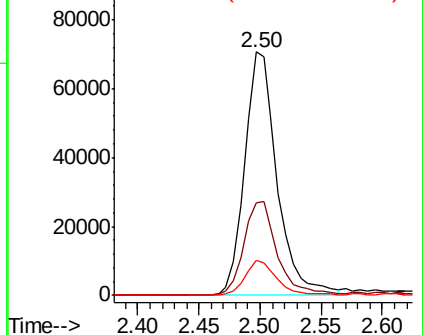
#11
Methvl Iodide
Concen: 19.825 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:142 Resp: 130613
Ion Ratio Lower Upper
142 100
127 37.7 19.5 58.5
141 14.5 7.0 20.9

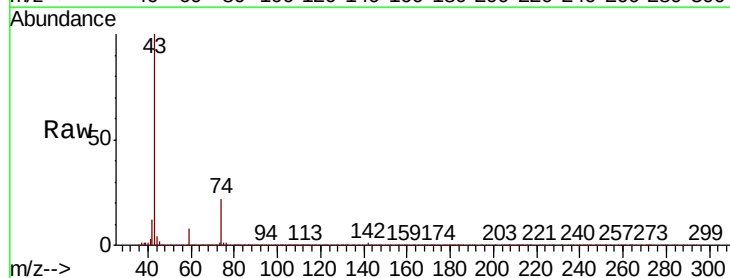


Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 141.00 (140.70 to 141.70): V

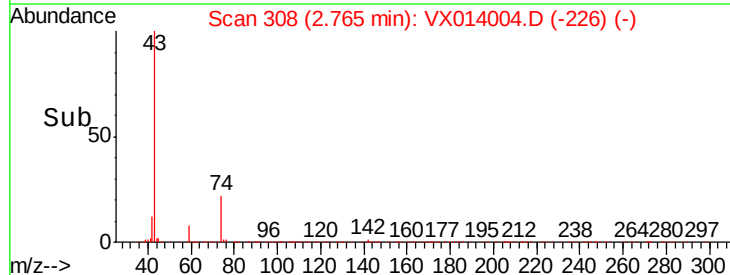
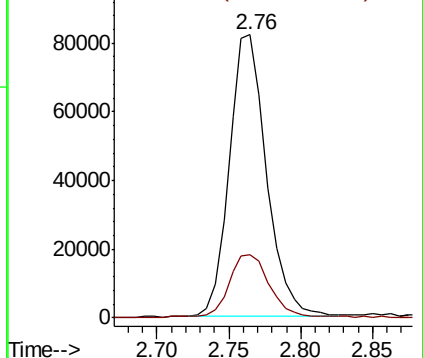


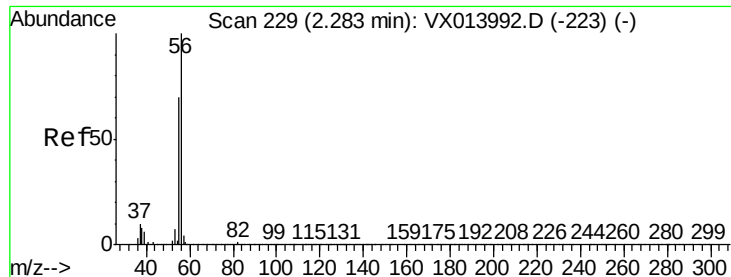
#12
Methyl Acetate
Concen: 18.623 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion: 43 Resp: 147547
Ion Ratio Lower Upper
43 100
74 22.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

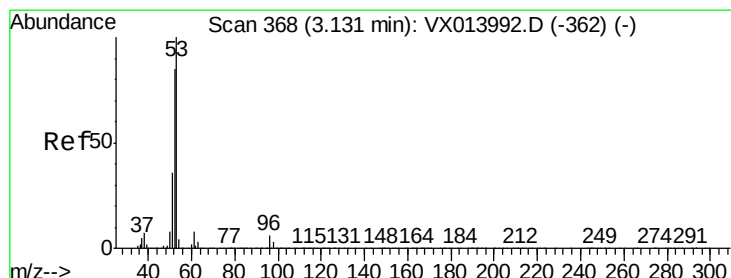
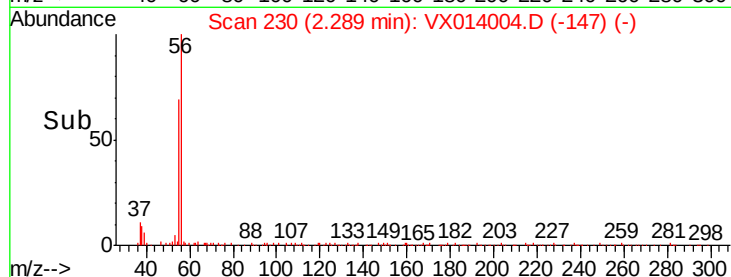
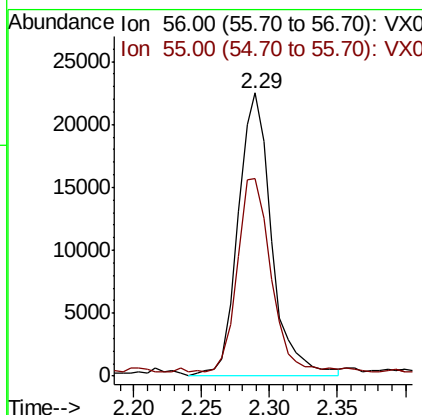
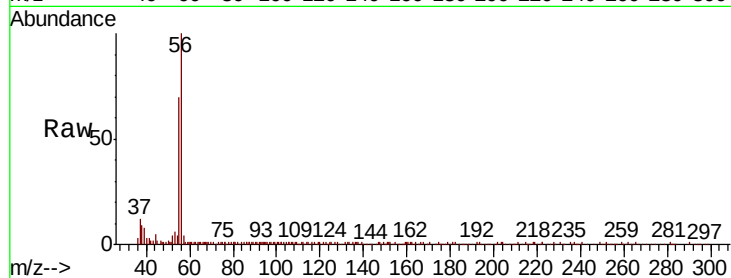




#13
Acrolein
Concen: 40.444 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

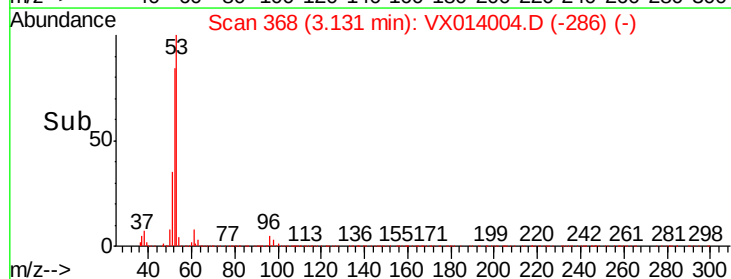
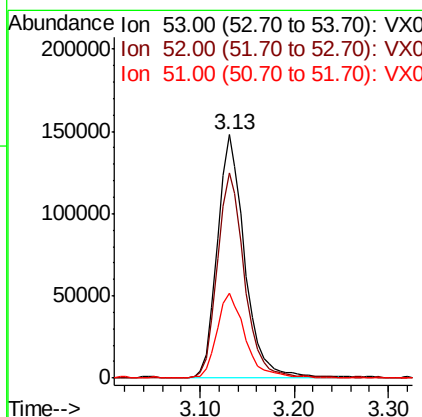
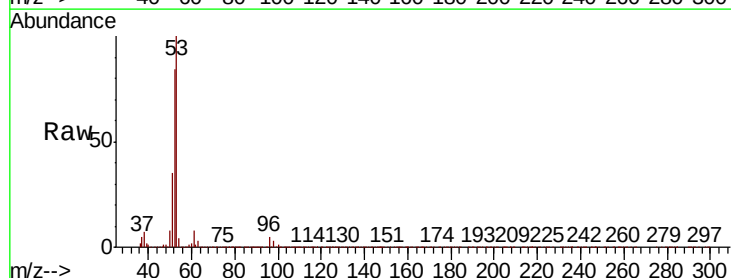
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

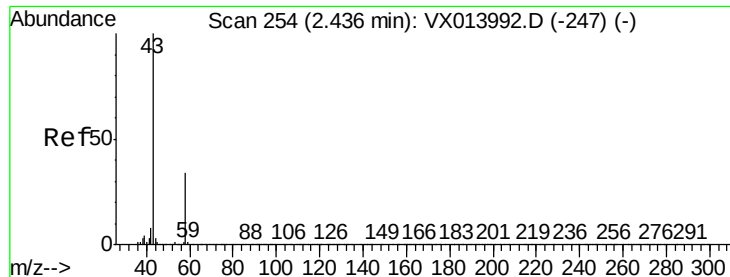
Tot Ion: 56 Resp: 38865
Ion Ratio Lower Upper
56 100
55 67.4 54.9 82.3



#14
Acrylonitrile
Concen: 95.689 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion: 53 Resp: 296378
Ion Ratio Lower Upper
53 100
52 82.9 41.5 124.6
51 35.8 17.8 53.5





#15

Acetone

Concen: 90.426 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

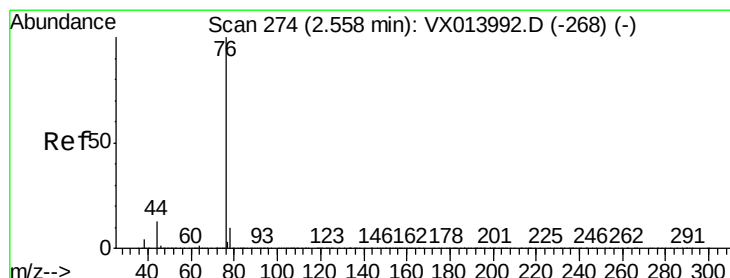
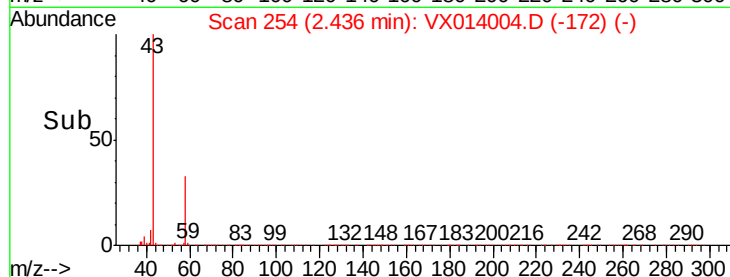
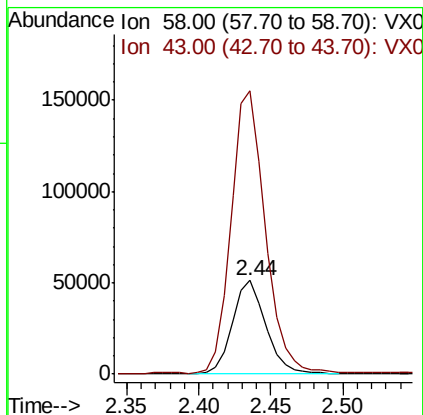
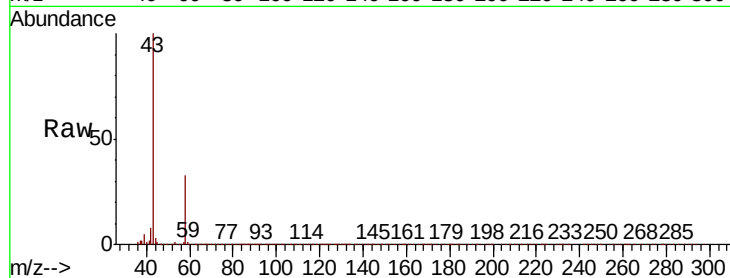
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 58 Resp: 82276

Ion Ratio Lower Upper

58 100

43 302.7 236.3 354.5



#16

Carbon Disulfide

Concen: 19.415 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX014004.D

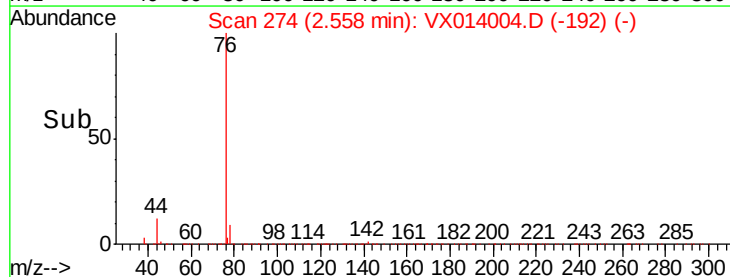
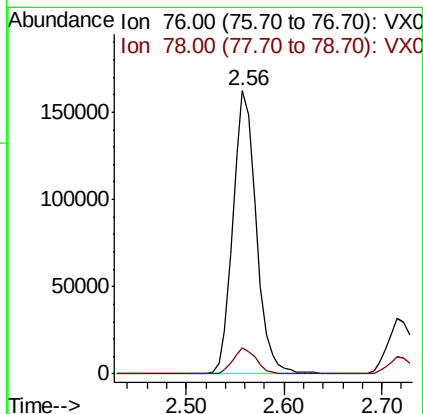
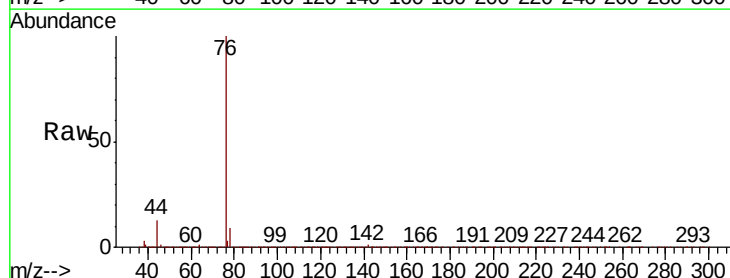
Acq: 13 Dec 2019 05:03

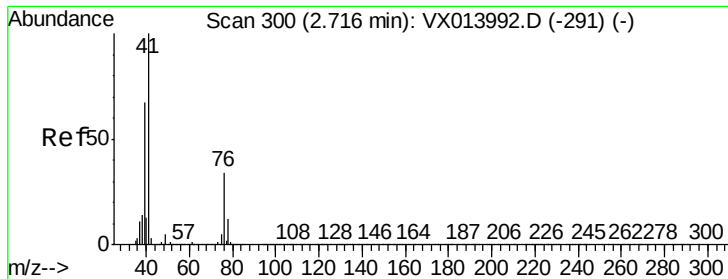
Tgt Ion: 76 Resp: 269178

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.8

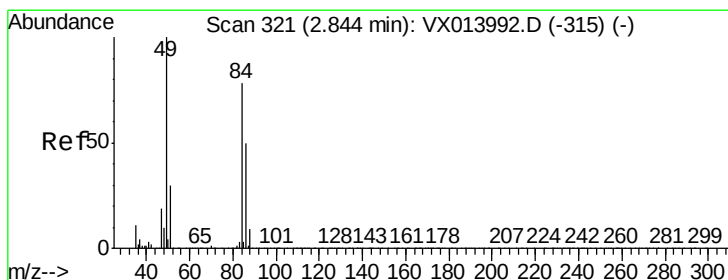
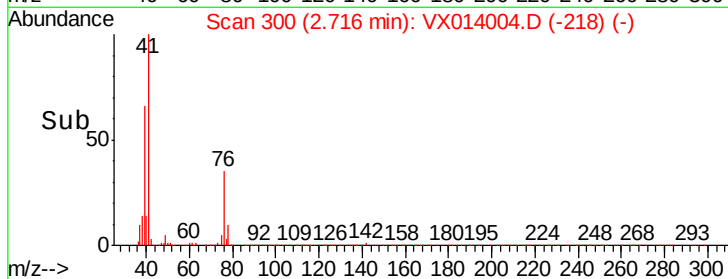
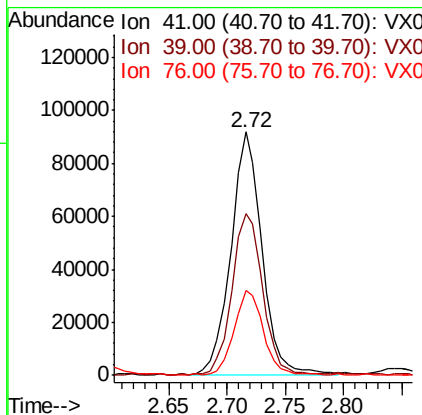
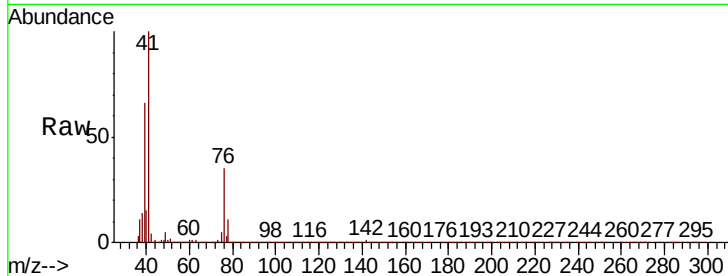




#17
Allvl chloride
Concen: 18.302 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

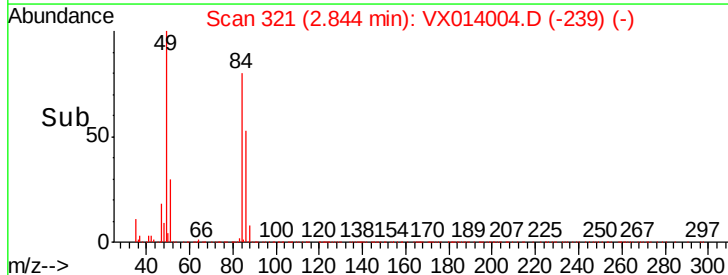
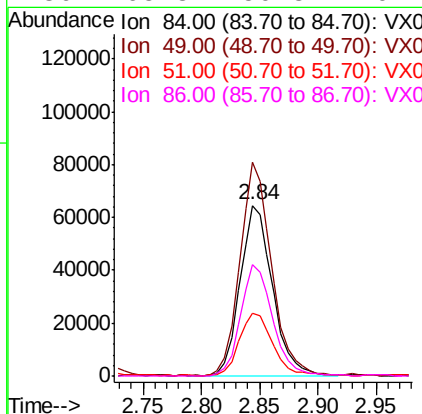
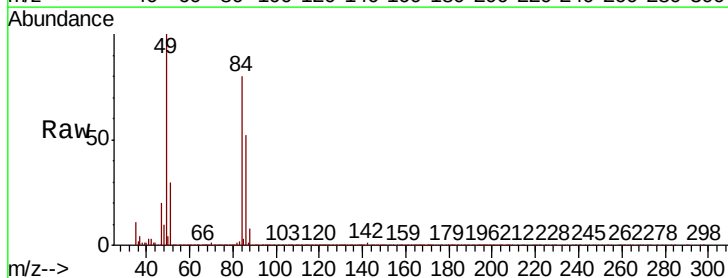
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

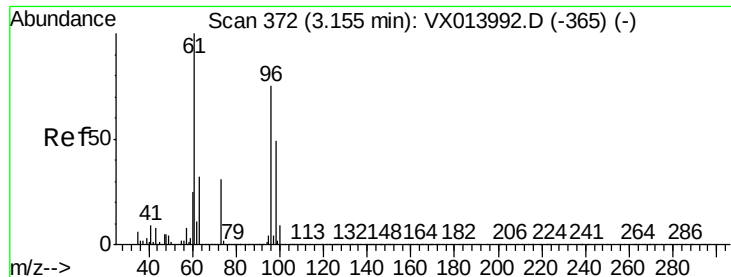
Tot Ion: 41 Resp: 168314
Ion Ratio Lower Upper
41 100
39 66.7 33.4 100.2
76 34.7 17.0 50.9



#18
Methylene Chloride
Concen: 19.941 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion: 84 Resp: 125053
Ion Ratio Lower Upper
84 100
49 125.6 102.2 153.2
51 36.6 31.4 47.0
86 65.3 50.8 76.2

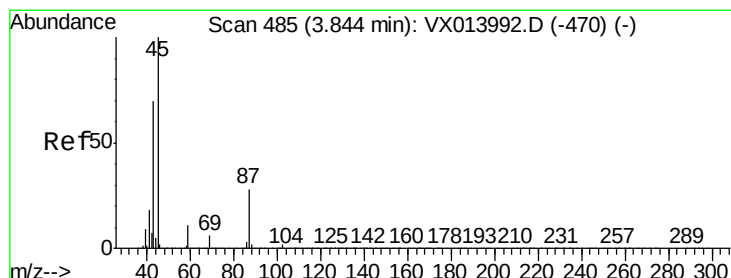
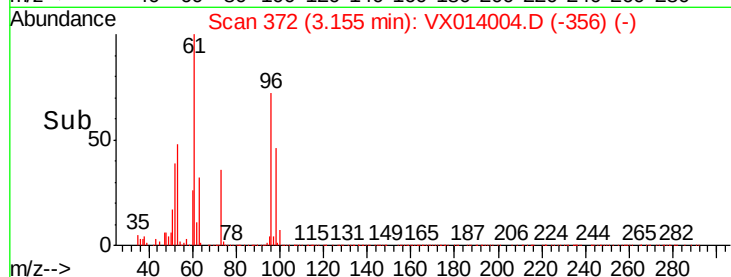
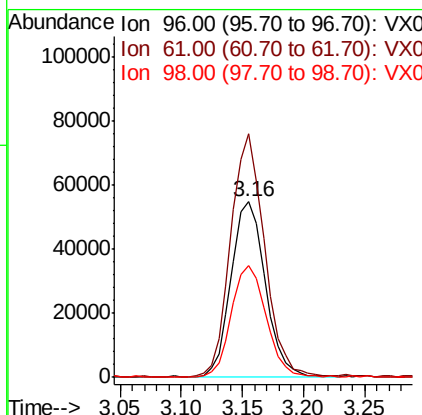
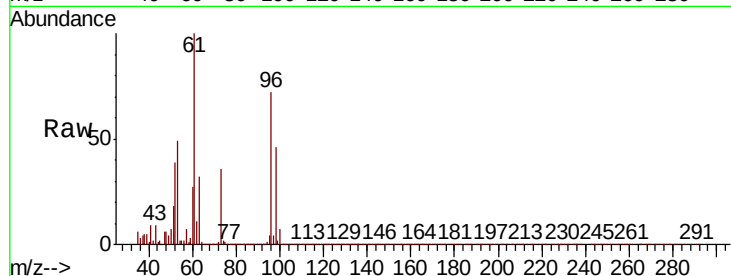




#19
trans-1,2-Dichloroethene
Concen: 19.014 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

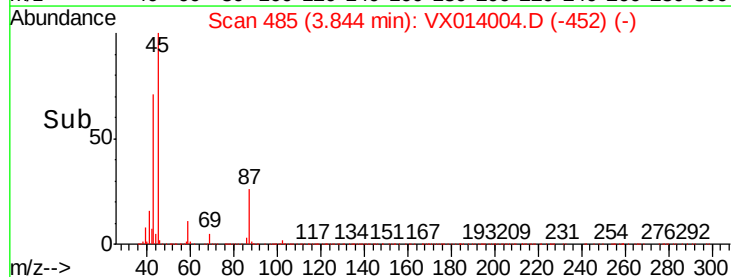
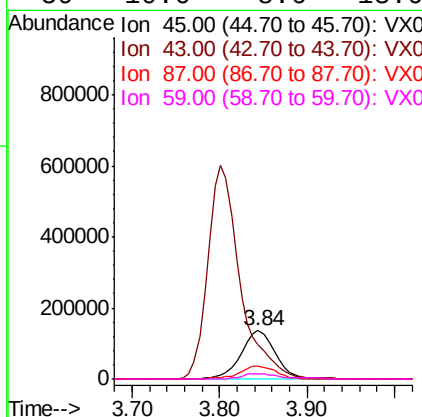
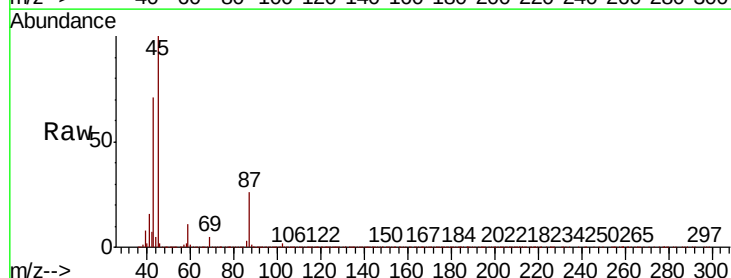
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

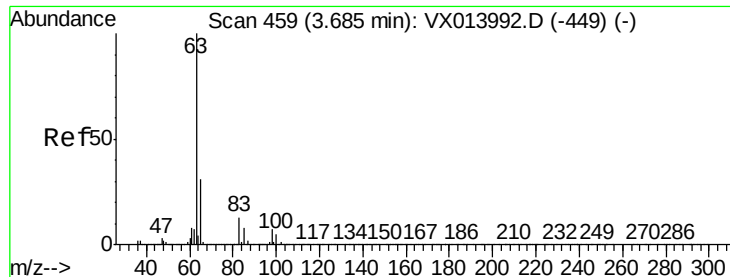
Tot Ion: 96 Resp: 106562
Ion Ratio Lower Upper
96 100
61 138.9 106.6 159.8
98 63.5 51.6 77.4



#20
Diisopropyl ether
Concen: 19.503 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion: 45 Resp: 368034
Ion Ratio Lower Upper
45 100
43 69.7 55.9 83.9
87 25.5 22.2 33.2
59 10.6 8.6 13.0





#21

1,1-Dichloroethane

Concen: 19.109 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

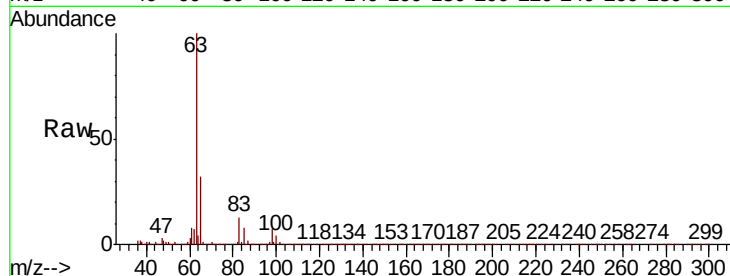
Tot Ion: 63 Resp: 195705

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

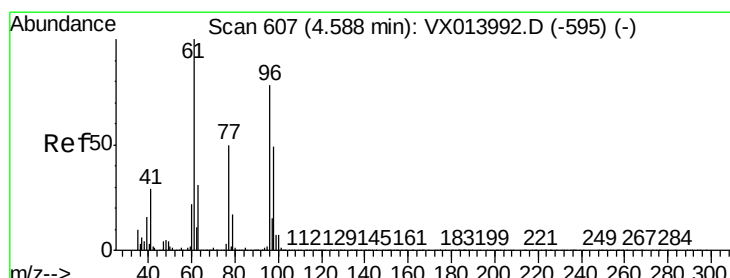
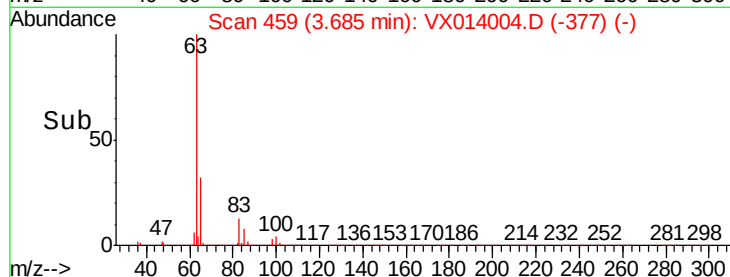
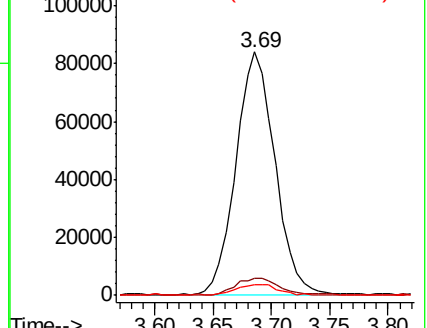
100 4.2 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.850 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

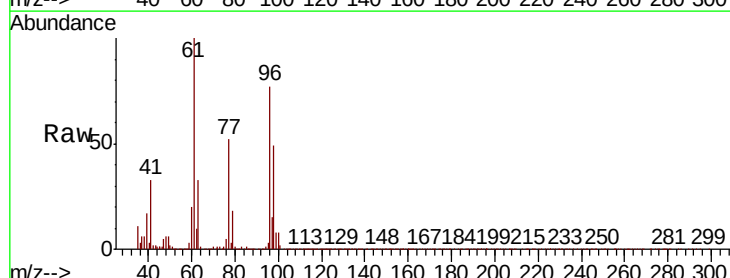
Tgt Ion: 96 Resp: 122467

Ion Ratio Lower Upper

96 100

61 144.4 112.4 168.6

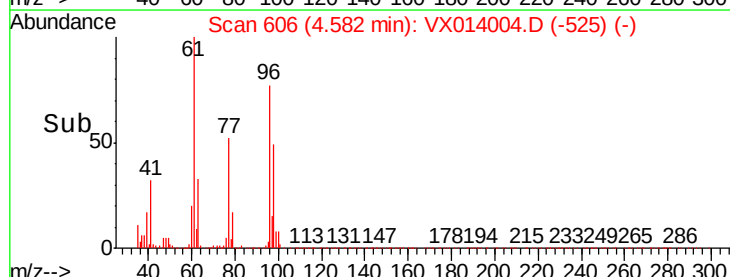
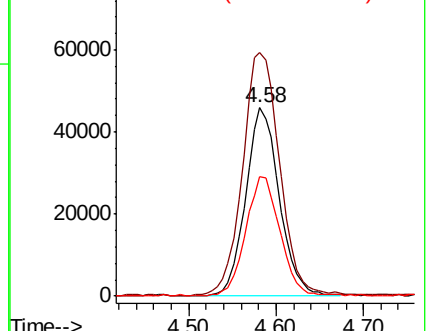
98 64.9 50.3 75.5

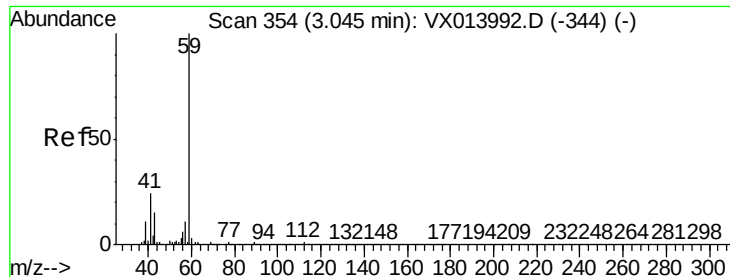


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



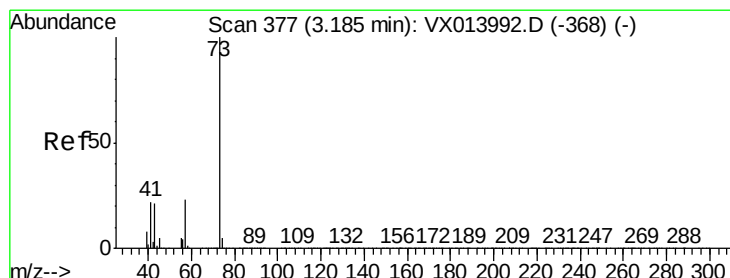
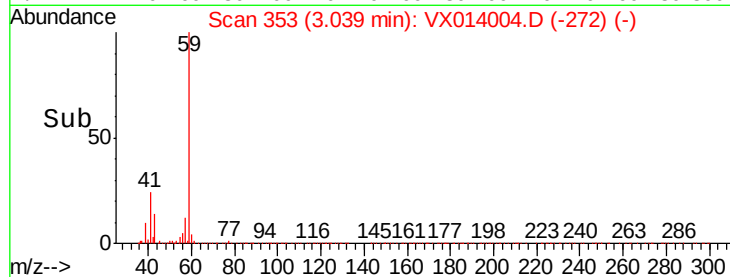
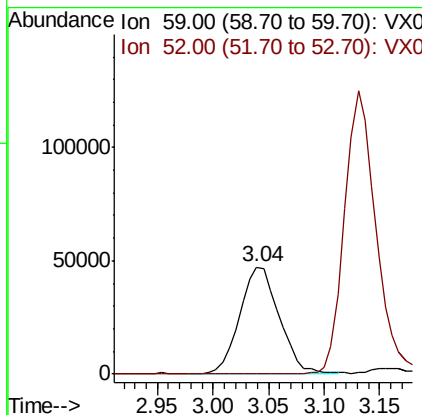
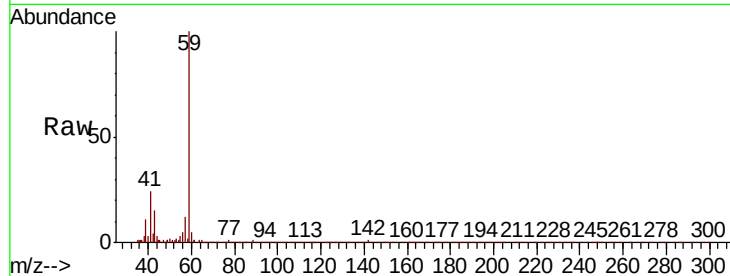


#23

tert-Butyl Alcohol
 Concen: 96.614 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

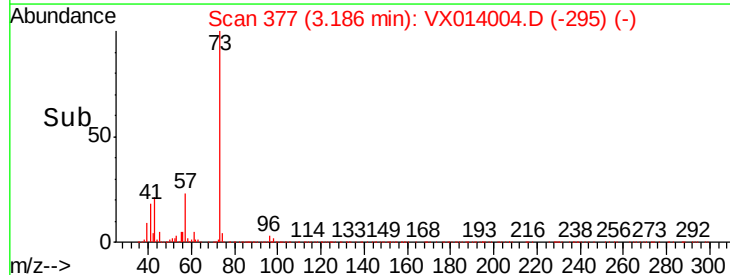
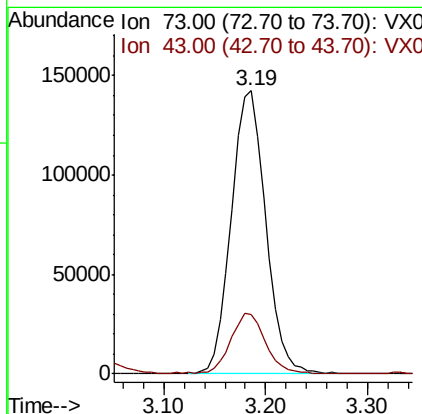
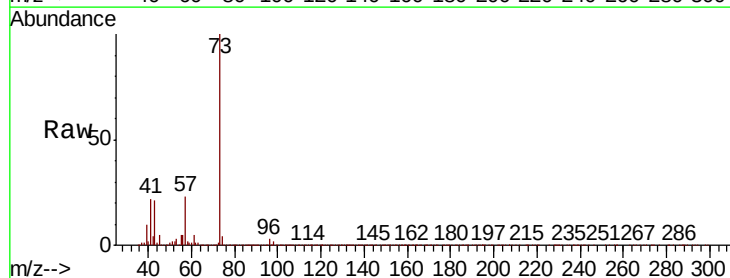
Tot Ion: 59 Resp: 117372
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

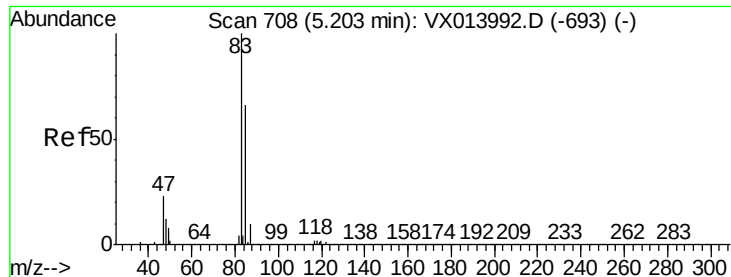


#24

Methyl tert-Butyl Ether
 Concen: 19.327 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Tgt Ion: 73 Resp: 334136
 Ion Ratio Lower Upper
 73 100
 43 21.4 16.6 25.0





#25

Chloroform

Concen: 19.280 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

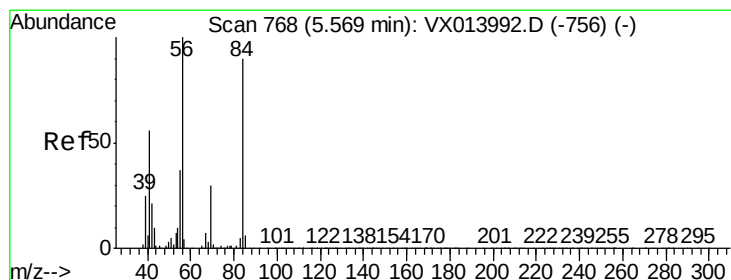
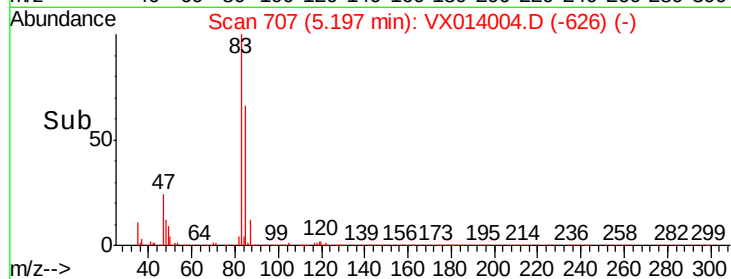
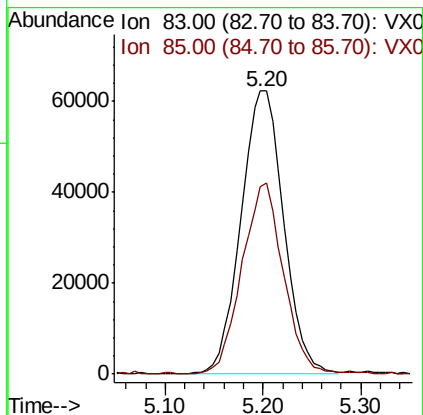
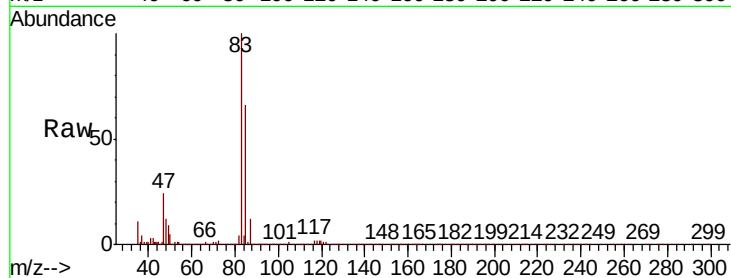
VSTDCCC020EC

Tot Ion: 83 Resp: 188250

Ion Ratio Lower Upper

83 100

85 65.9 52.7 79.1



#26

Cyclohexane

Concen: 18.406 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

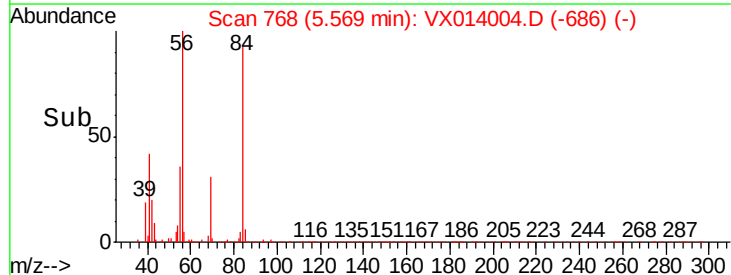
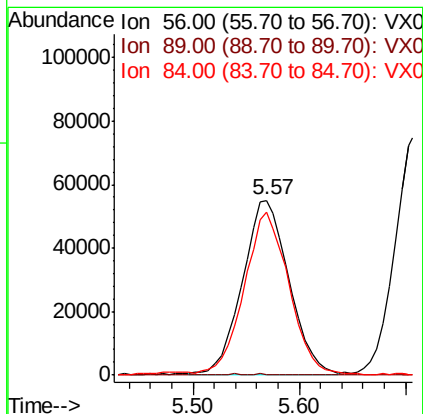
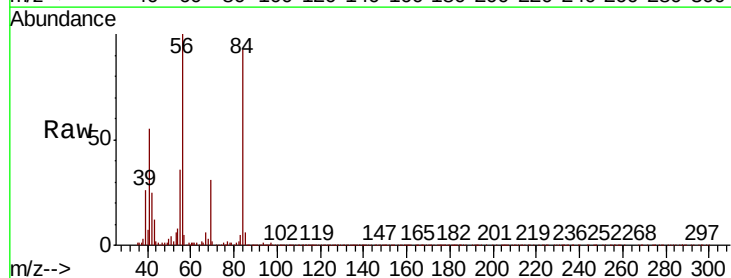
Tgt Ion: 56 Resp: 168090

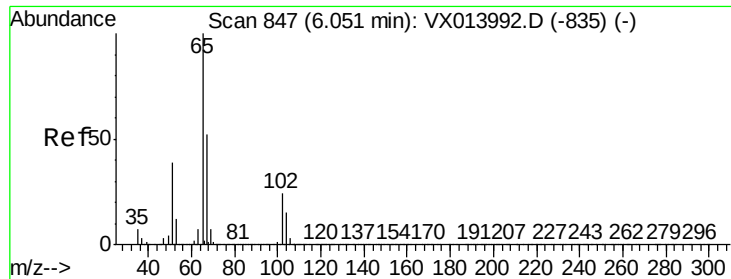
Ion Ratio Lower Upper

56 100

89 0.2 0.1 0.1#

84 89.7 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.530 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

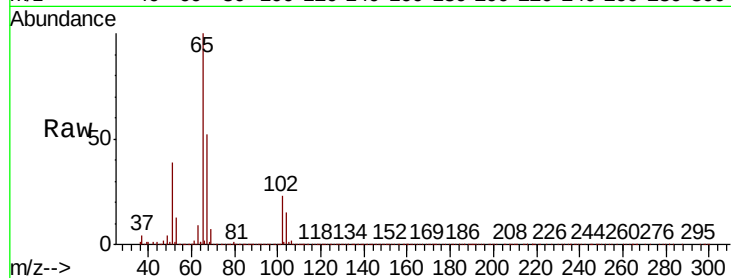
VSTDCCC020EC

Tot Ion: 65 Resp: 193288

Ion Ratio Lower Upper

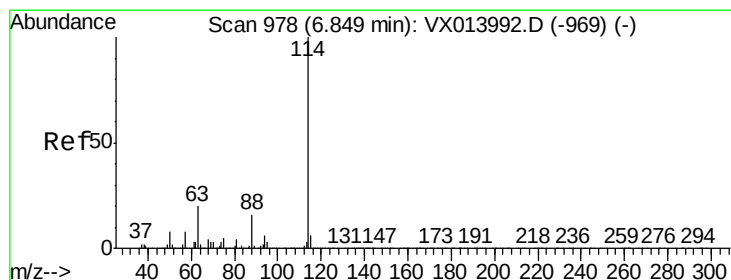
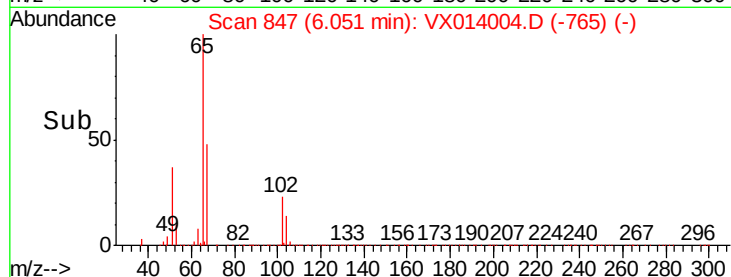
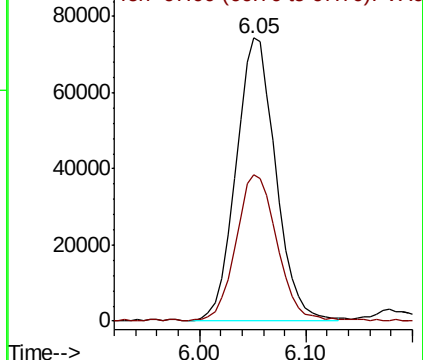
65 100

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



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

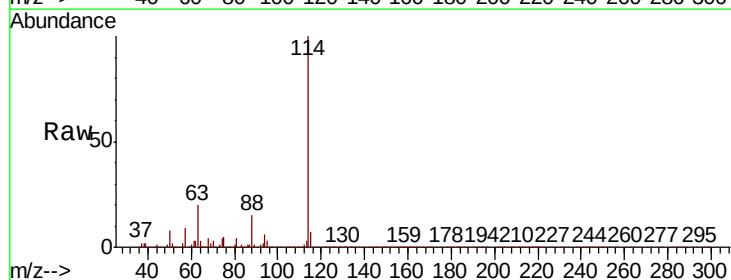
Tgt Ion: 114 Resp: 500983

Ion Ratio Lower Upper

114 100

63 20.4 16.1 24.1

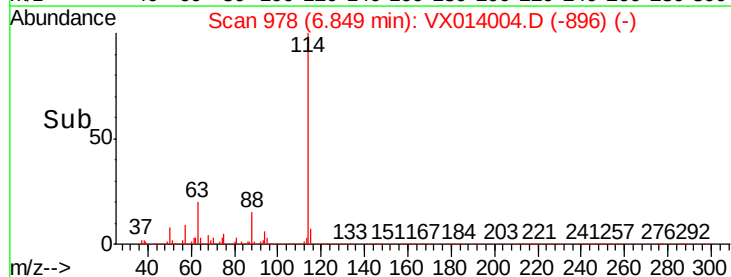
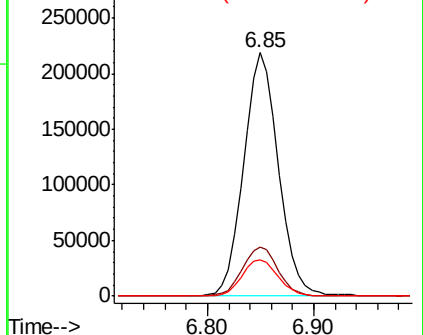
88 15.6 12.5 18.7

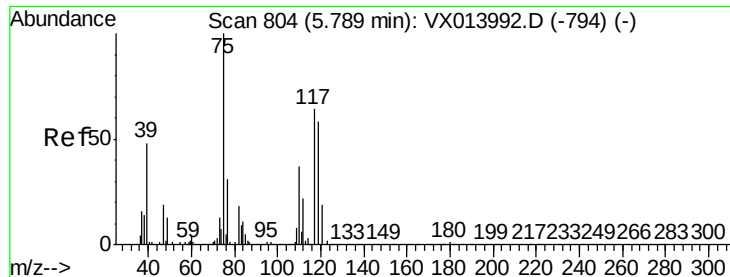


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.582 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

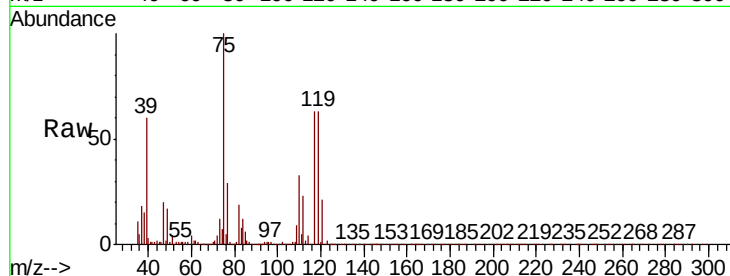
Tot Ion: 75 Resp: 141705

Ion Ratio Lower Upper

75 100

110 36.9 0.0 73.8

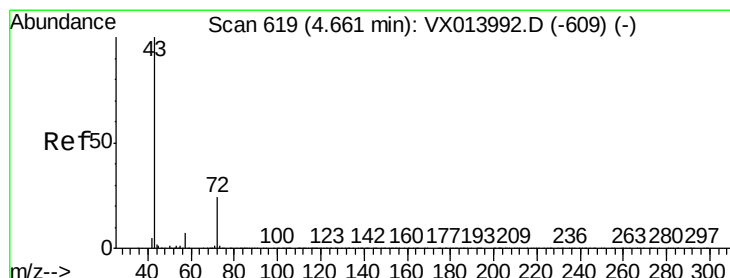
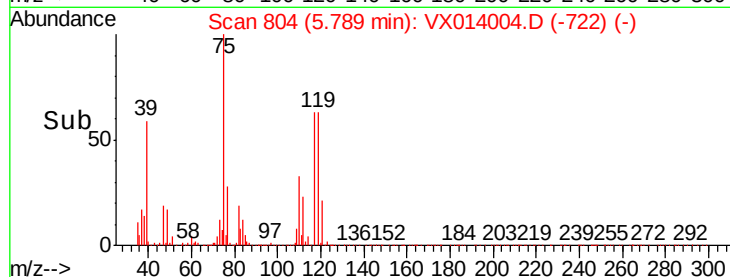
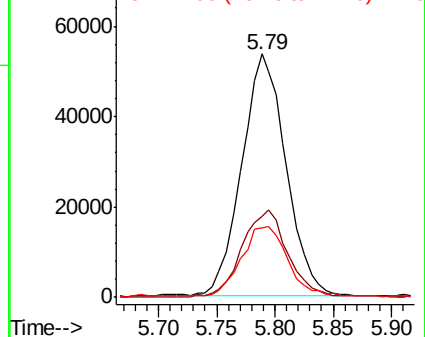
77 30.5 0.0 62.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 96.191 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

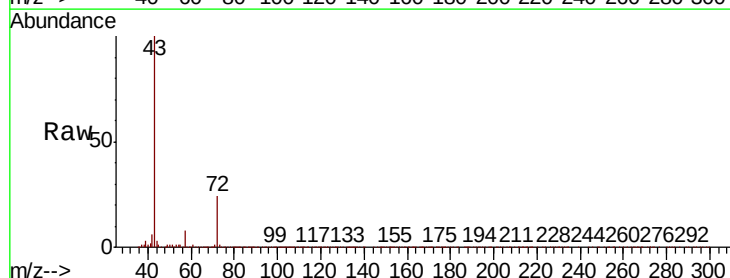
Tgt Ion: 43 Resp: 410293

Ion Ratio Lower Upper

43 100

57 7.8 6.2 9.2

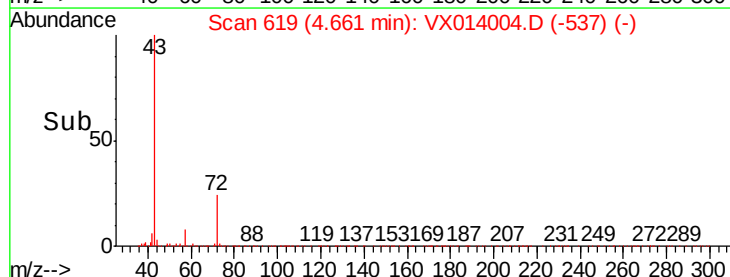
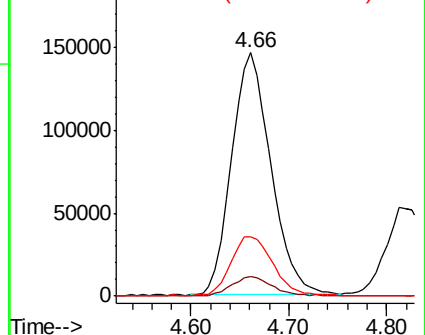
72 25.9 20.3 30.5

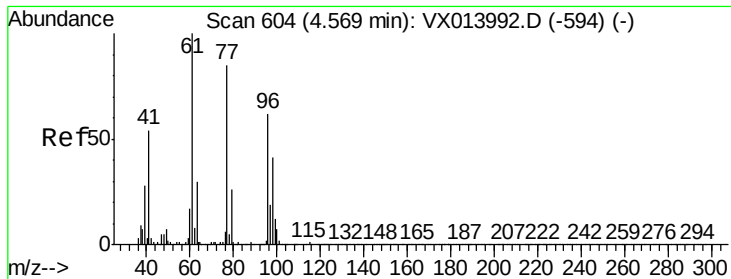


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

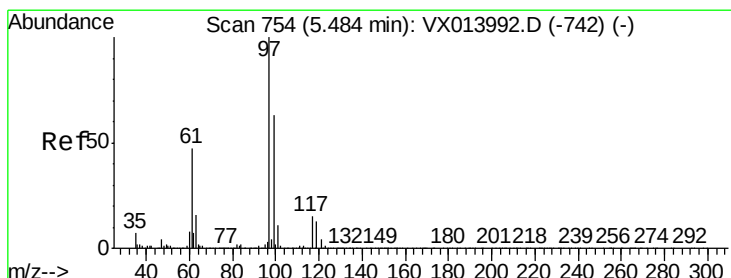
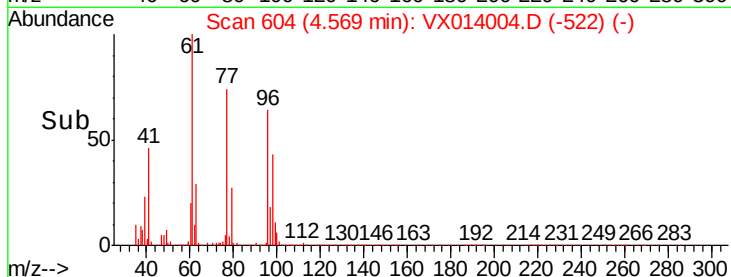
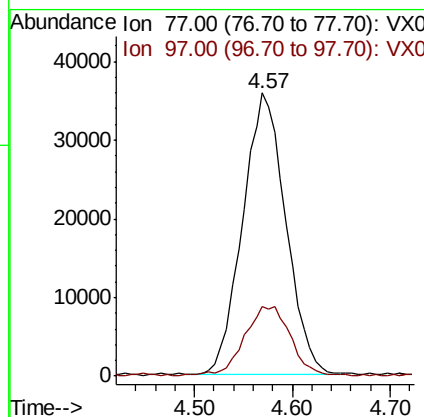
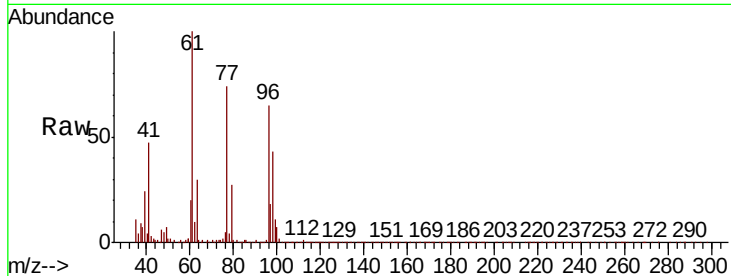




#31
 2,2-Dichloropropane
 Concen: 16.368 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

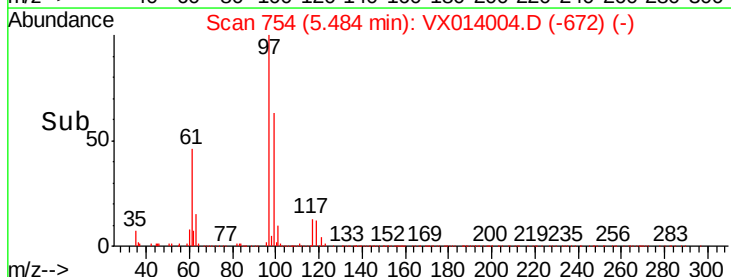
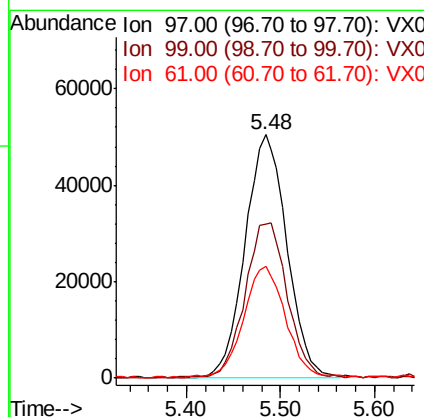
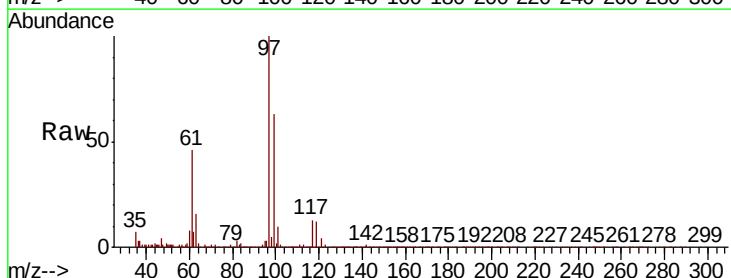
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

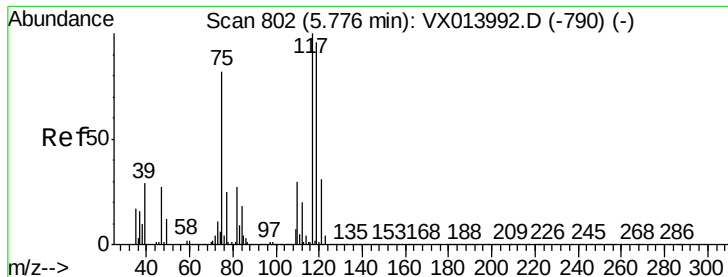
Tot Ion: 77 Resp: 109563
 Ion Ratio Lower Upper
 77 100
 97 25.1 19.7 29.5



#32
 1,1,1-Trichloroethane
 Concen: 19.543 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Tgt Ion: 97 Resp: 156427
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.9 77.9
 61 45.5 36.8 55.2





#33

Carbon Tetrachloride

Concen: 19.207 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

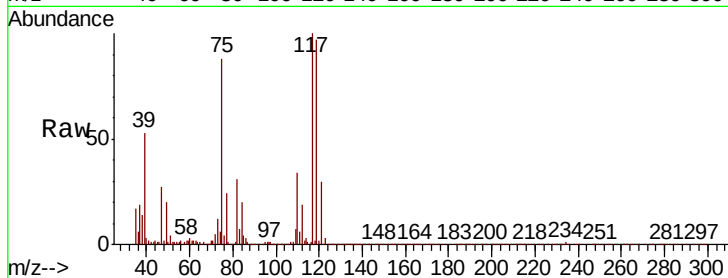
Tot Ion:117 Resp: 130689

Ion Ratio Lower Upper

117 100

119 97.2 77.2 115.8

121 29.8 24.8 37.2

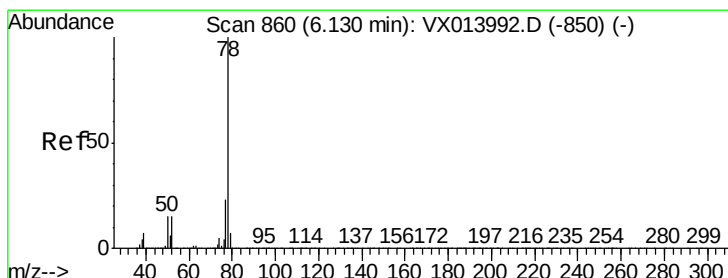
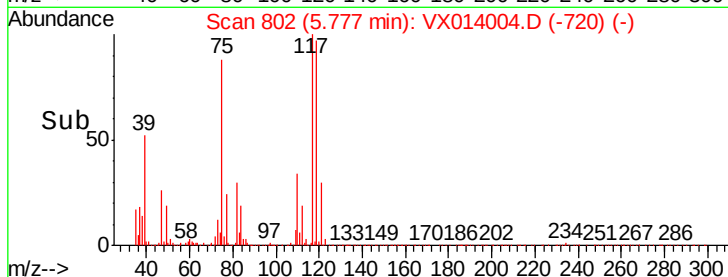
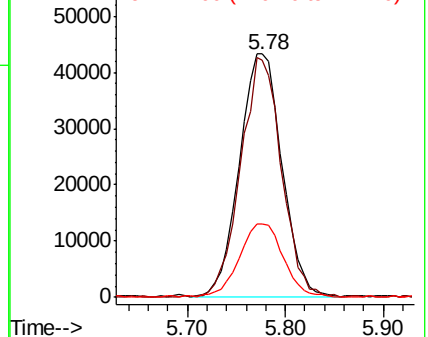


Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.881 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

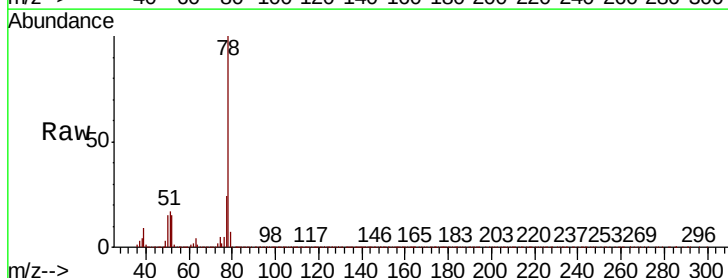
Tgt Ion: 78 Resp: 448593

Ion Ratio Lower Upper

78 100

77 23.8 18.2 27.2

51 16.1 12.4 18.6

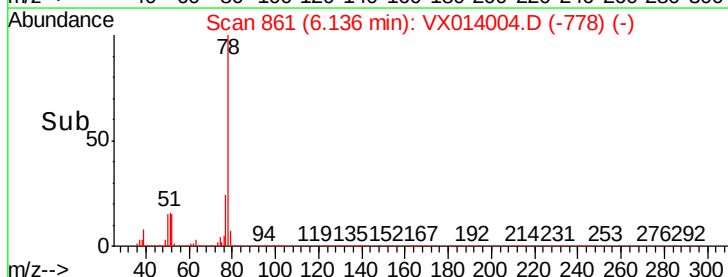
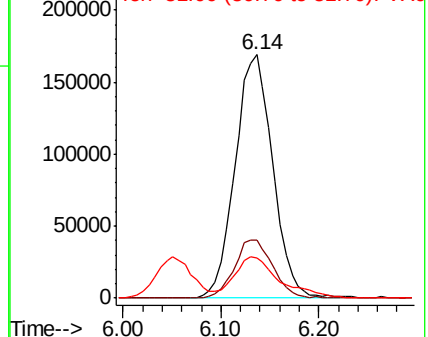


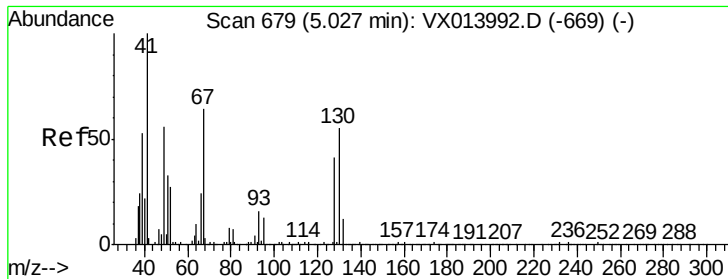
Abundance

Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

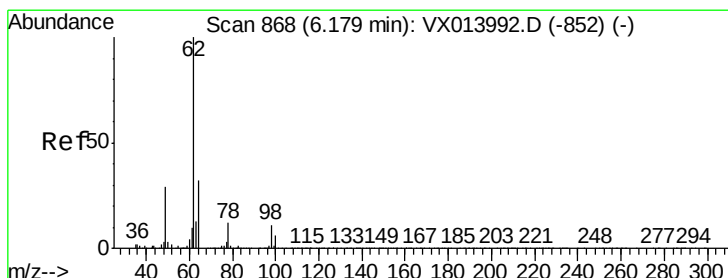
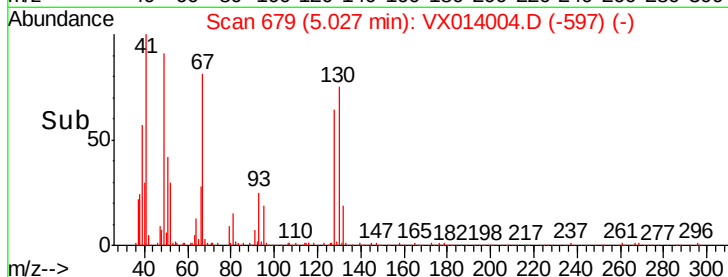
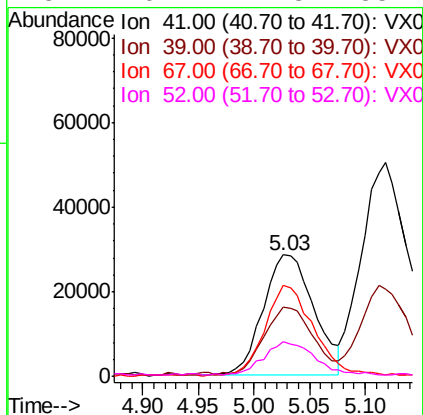
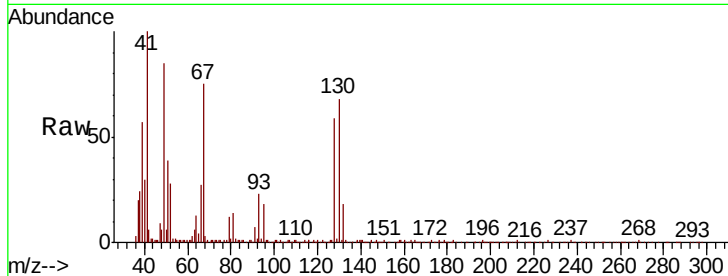




#35
Methacrylonitrile
Concen: 19.883 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

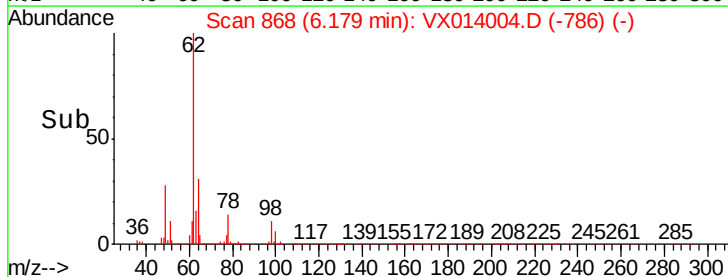
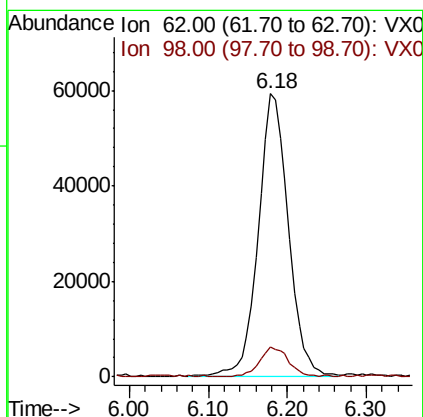
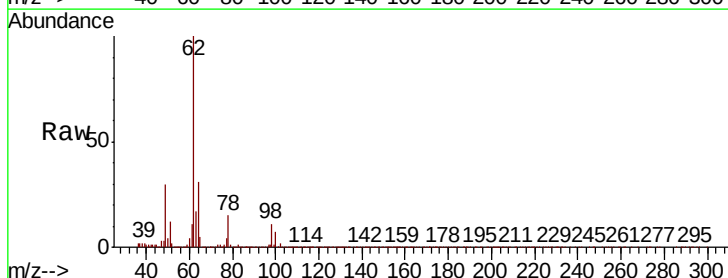
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

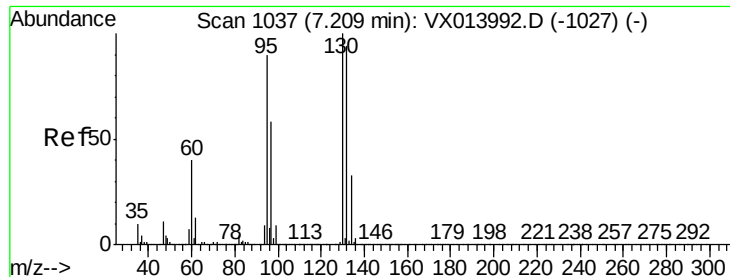
Tot Ion:	41	Resp:	91212
Ion	Ratio	Lower	Upper
41	100		
39	55.2	26.7	80.1
67	74.2	31.5	94.5
52	26.4	12.8	38.4



#36
1,2-Dichloroethane
Concen: 19.983 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion:	62	Resp:	156626
Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.4	12.6





#37

Trichloroethene

Concen: 18.596 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

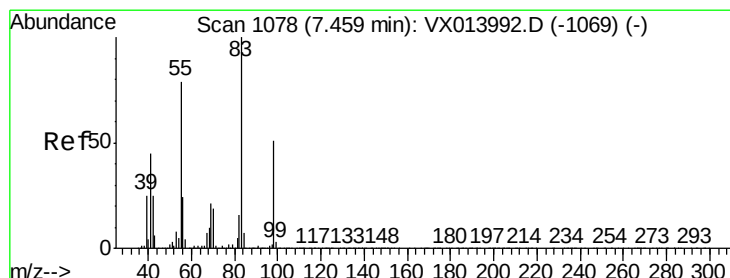
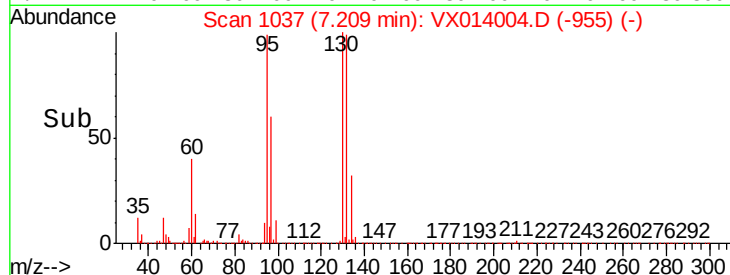
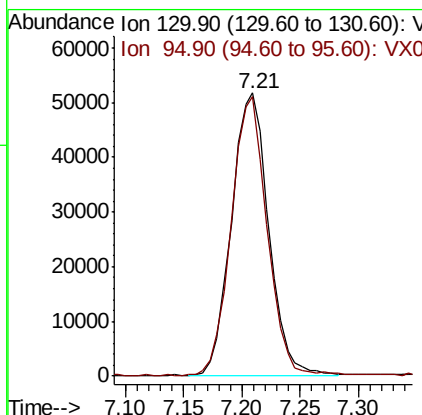
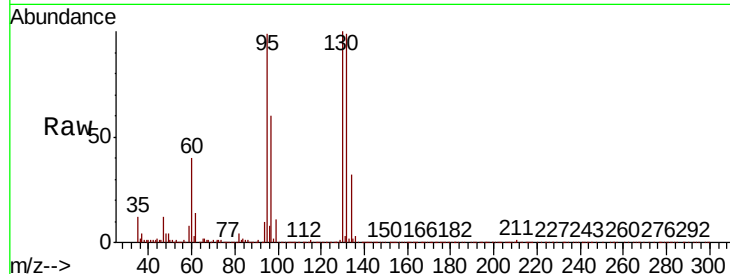
Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:130 Resp: 114175

Ion	Ratio	Lower	Upper
130	100		
95	98.6	71.7	107.5



#38

Methylcyclohexane

Concen: 18.993 ug/l

RT: 7.46 min Scan# 1078

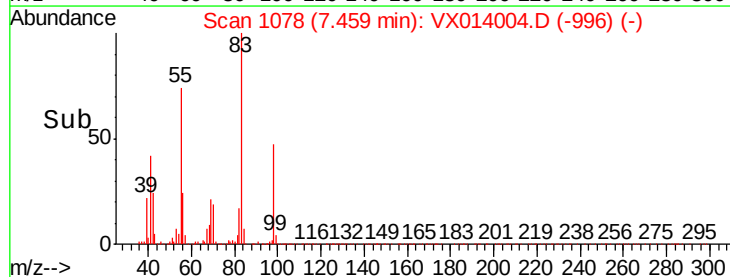
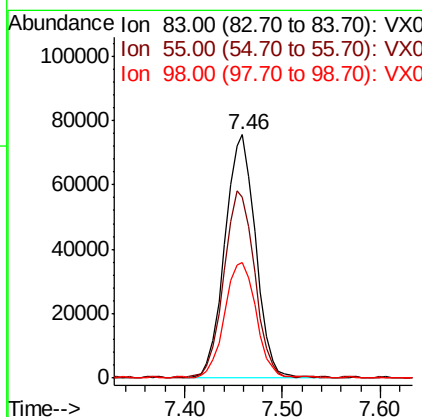
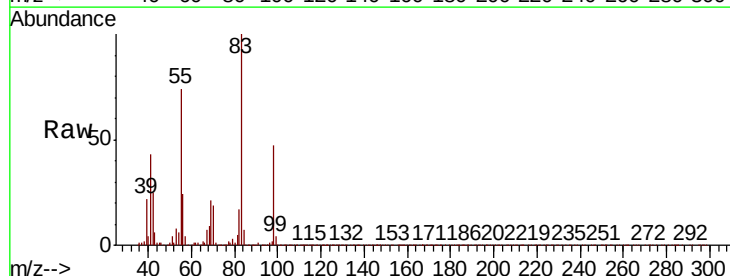
Delta R.T. 0.00 min

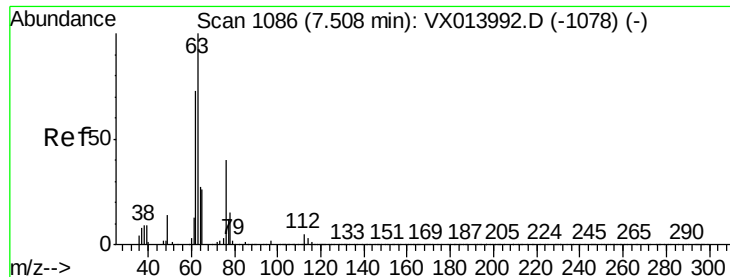
Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Tgt Ion: 83 Resp: 163946

Ion	Ratio	Lower	Upper
83	100		
55	77.5	39.4	118.1
98	48.8	25.1	75.3





#39

1,2-Dichloropropane

Concen: 19.545 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

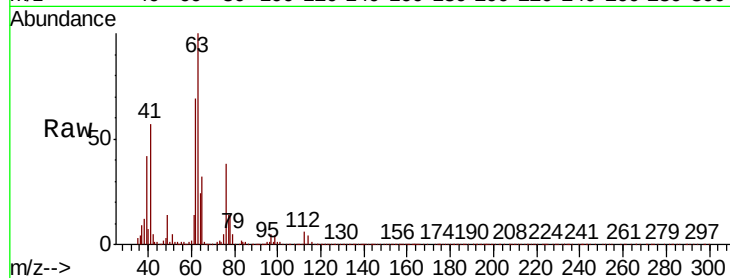
VSTDCCC020EC

Tot Ion: 63 Resp: 114544

Ion Ratio Lower Upper

63 100

65 31.0 22.1 33.1



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

60000

50000

40000

30000

20000

10000

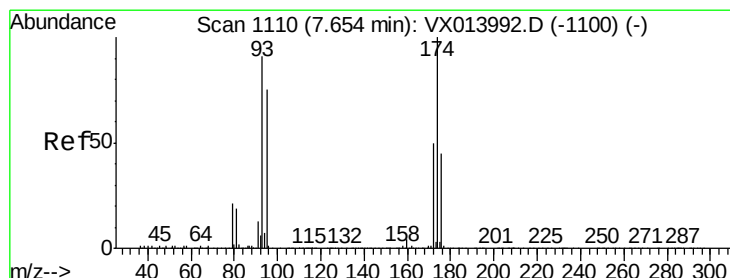
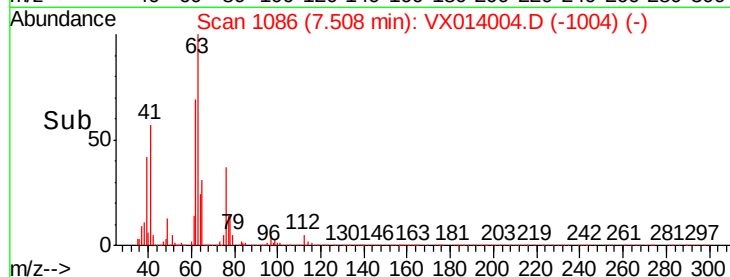
0

7.40

7.50

7.60

Time-->



#40

Dibromomethane

Concen: 20.386 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

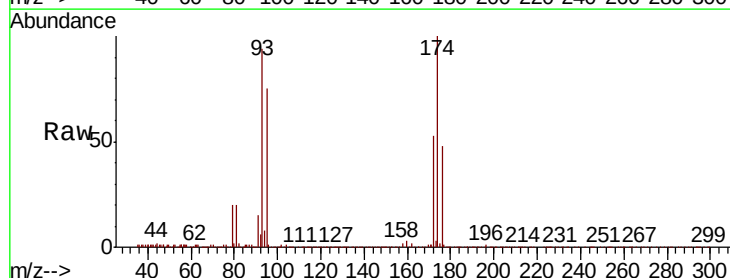
Tgt Ion: 93 Resp: 76324

Ion Ratio Lower Upper

93 100

95 80.3 0.0 164.4

174 109.3 0.0 228.8



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

50000

40000

30000

20000

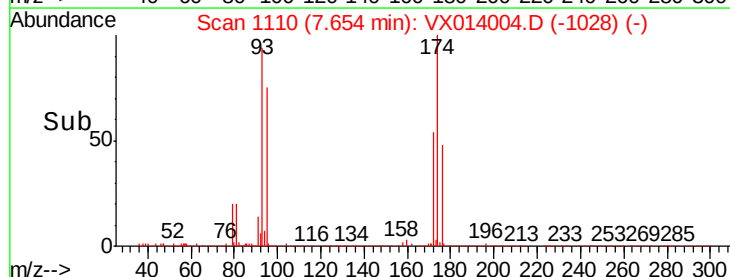
10000

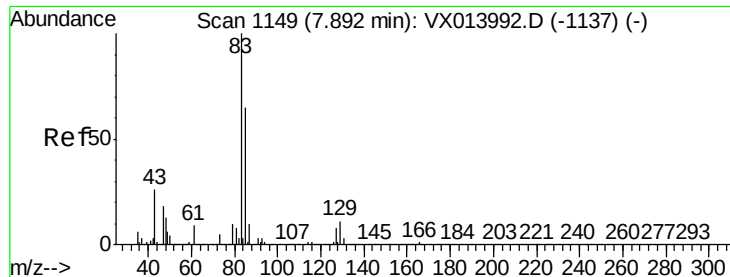
0

7.60

7.70

Time-->





#41

Bromodichloromethane

Concen: 19.921 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

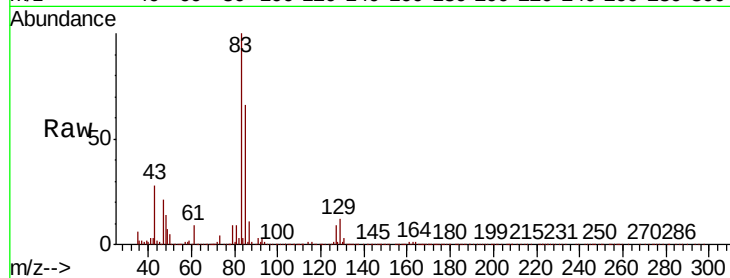
Tot Ion: 83 Resp: 144413

Ion Ratio Lower Upper

83 100

85 66.2 51.6 77.4

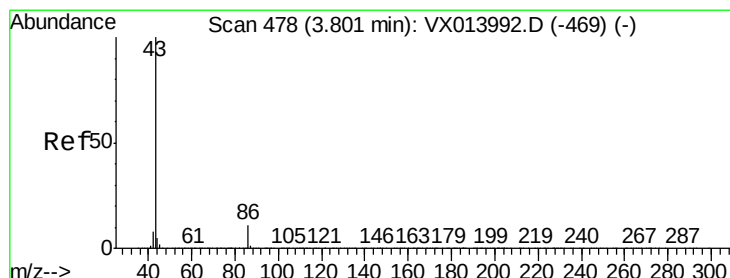
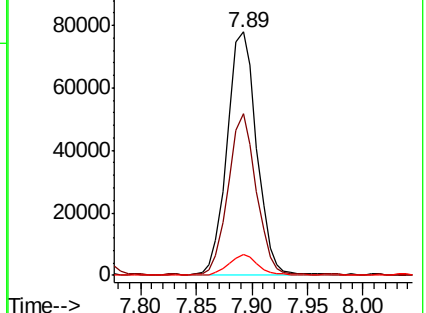
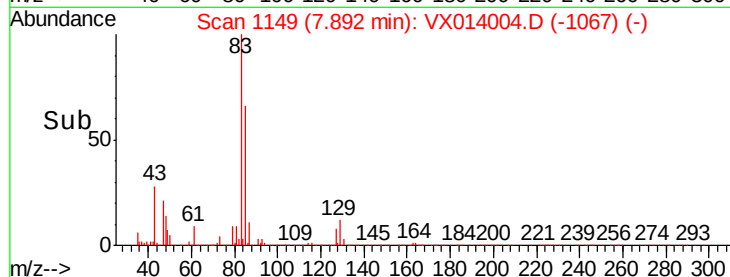
127 8.5 6.0 9.0



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: 102.460 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014004.D

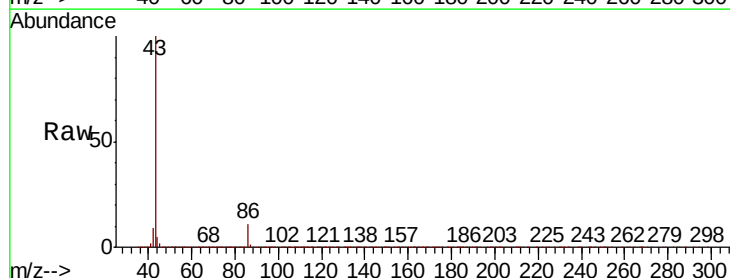
Acq: 13 Dec 2019 05:03

Tgt Ion: 43 Resp: 1542976

Ion Ratio Lower Upper

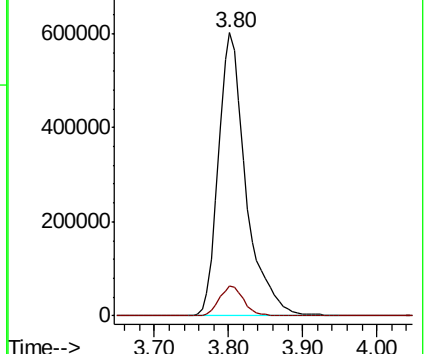
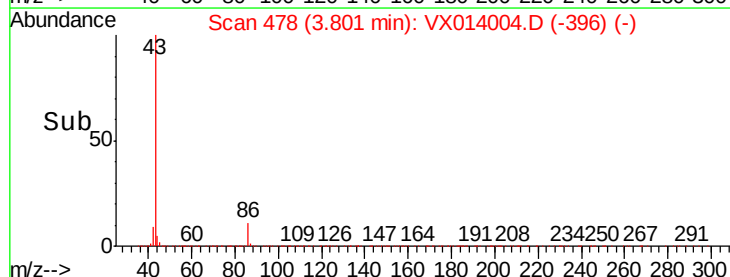
43 100

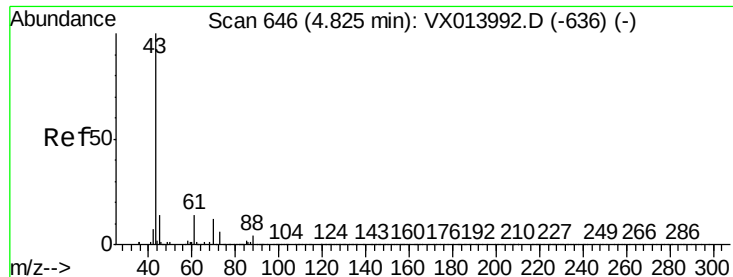
86 9.4 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

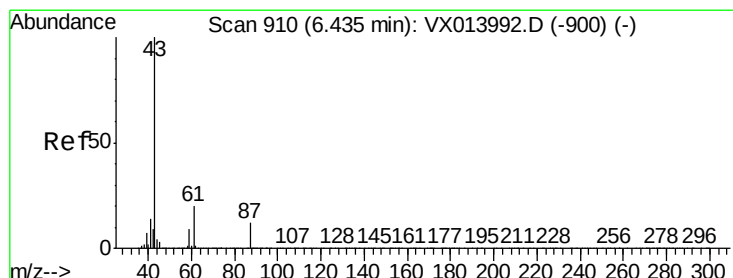
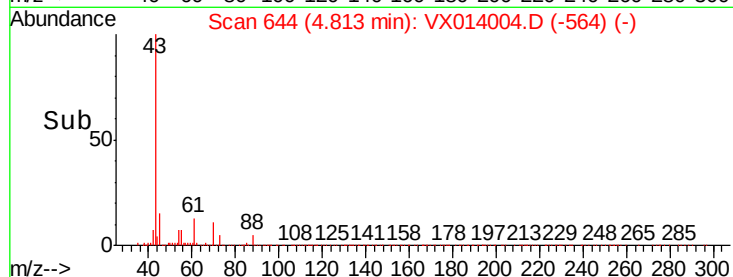
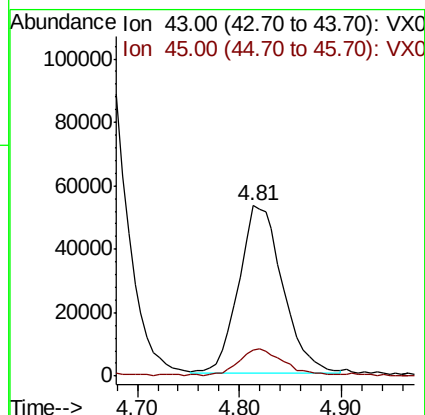
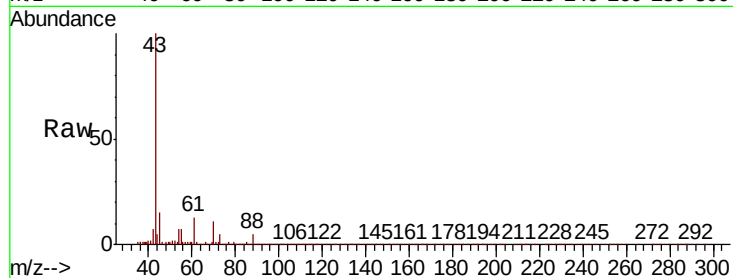




#43
Ethyl Acetate
Concen: 19.318 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

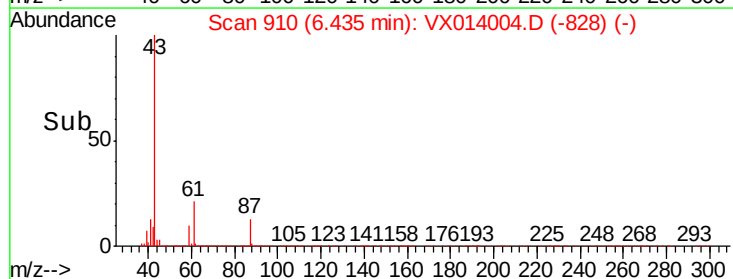
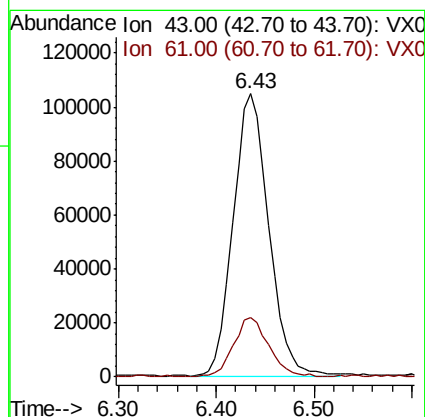
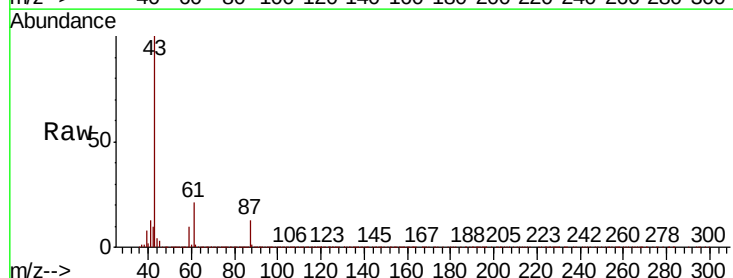
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

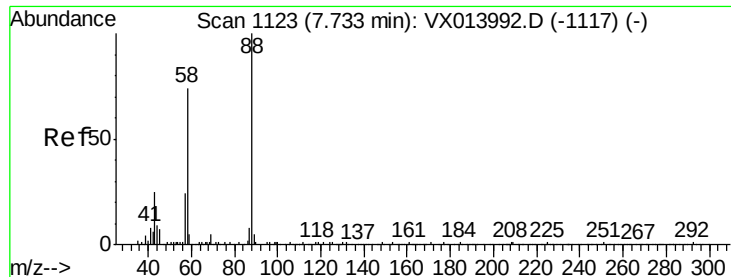
Tot Ion: 43 Resp: 158106
Ion Ratio Lower Upper
43 100
45 16.0 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.309 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion: 43 Resp: 264687
Ion Ratio Lower Upper
43 100
61 20.4 15.9 23.9

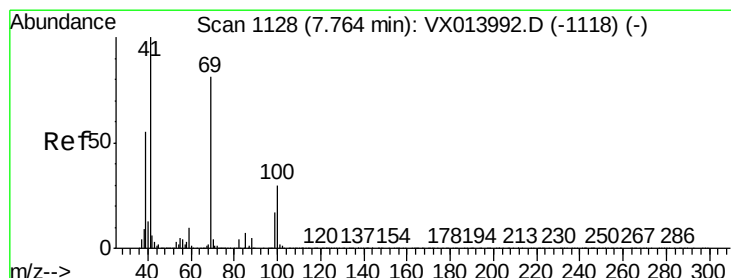
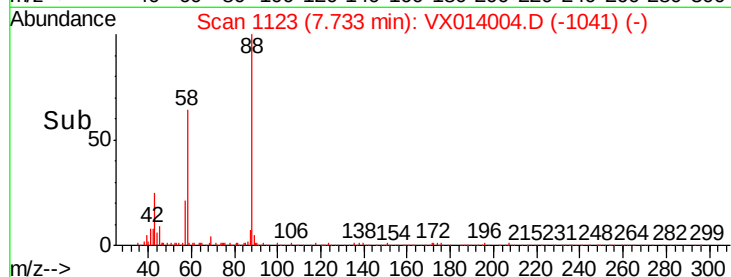
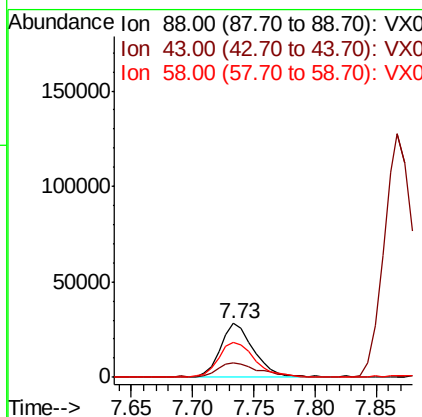
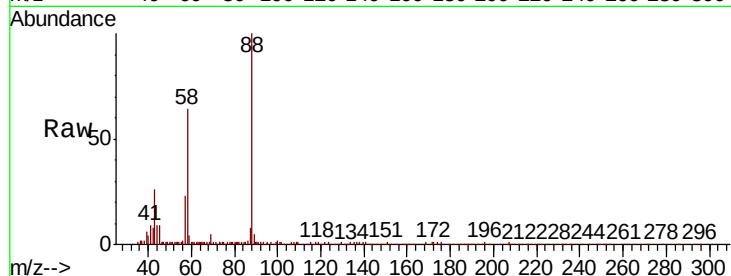




#45
1,4-Dioxane
Concen: 409.732 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

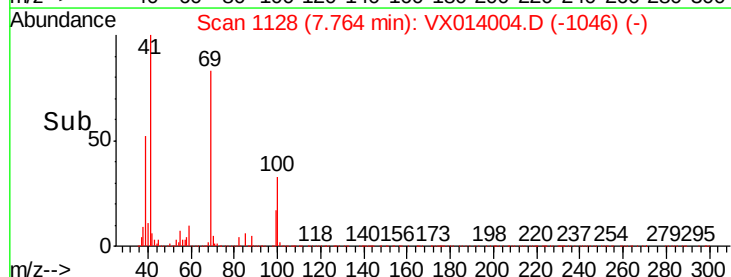
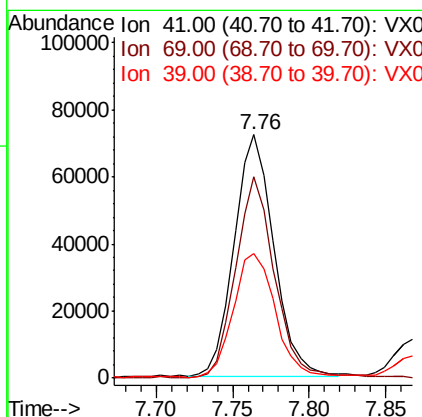
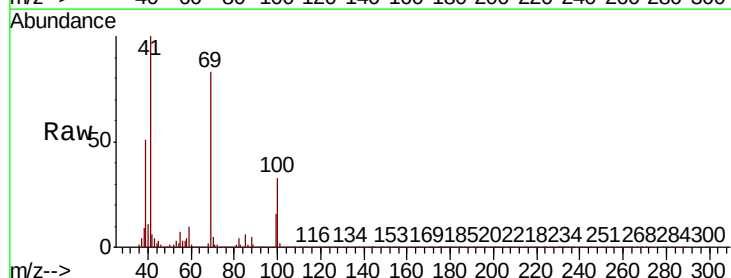
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

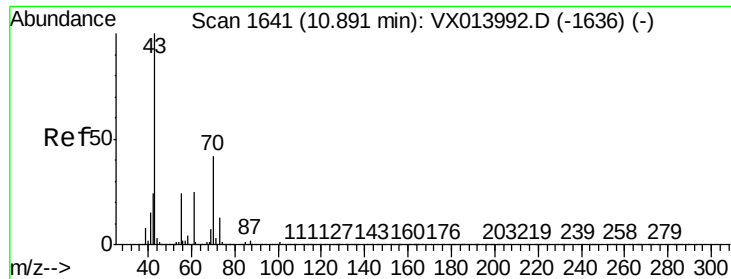
Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	25.4	38.2
58	70.4	56.5	84.7



#46
Methyl methacrylate
Concen: 19.650 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.0	40.6	122.0
39	51.5	27.8	83.3

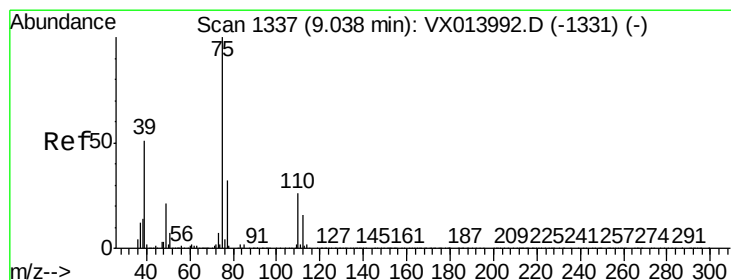
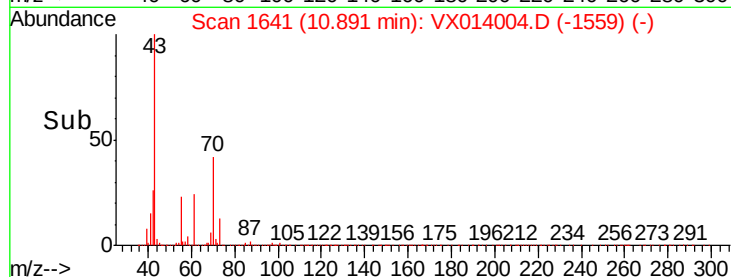
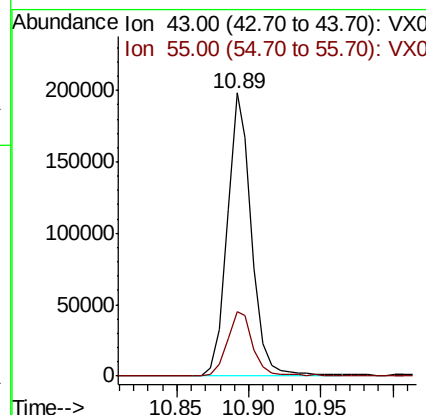
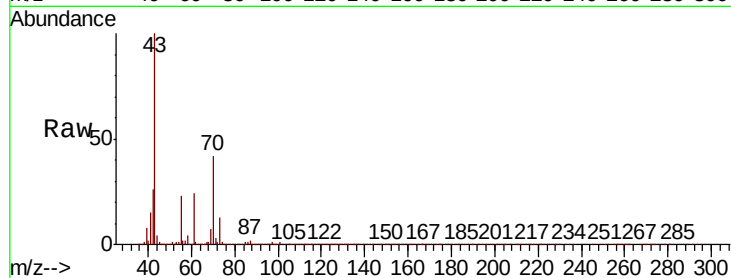




#47
n-amvl Acetate
Concen: 19.097 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

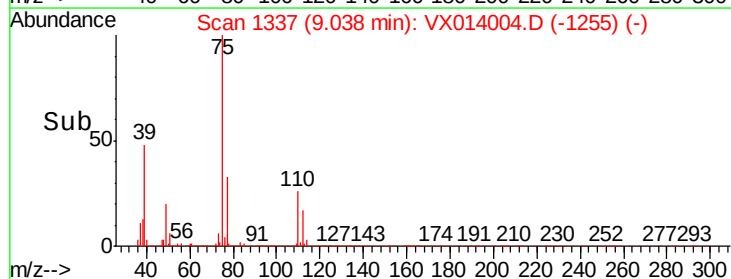
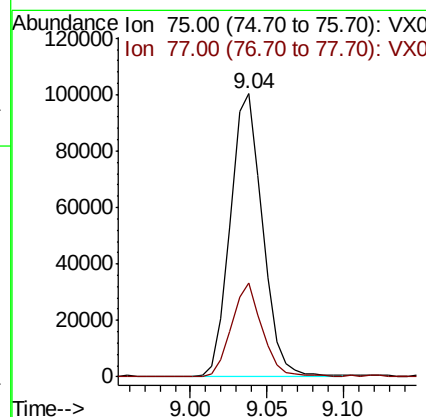
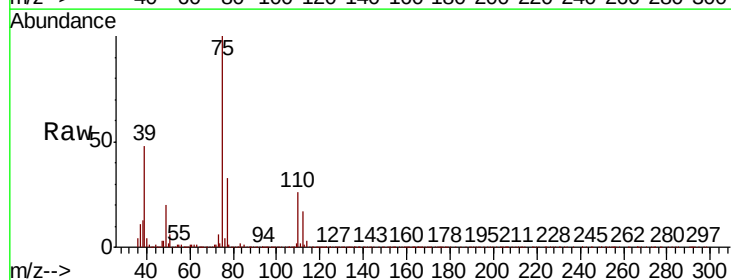
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

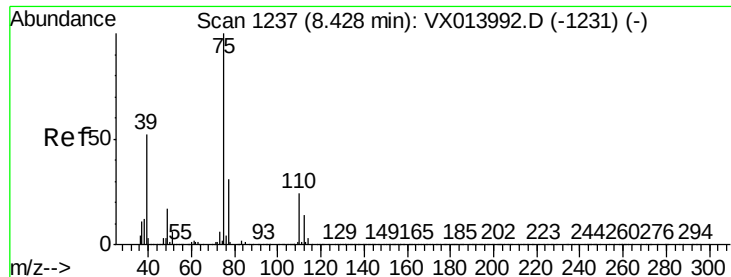
Tot Ion: 43 Resp: 232762
Ion Ratio Lower Upper
43 100
55 23.4 19.4 29.2



#48
t-1,3-Dichloropropene
Concen: 18.439 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion: 75 Resp: 145894
Ion Ratio Lower Upper
75 100
77 33.0 26.0 39.0



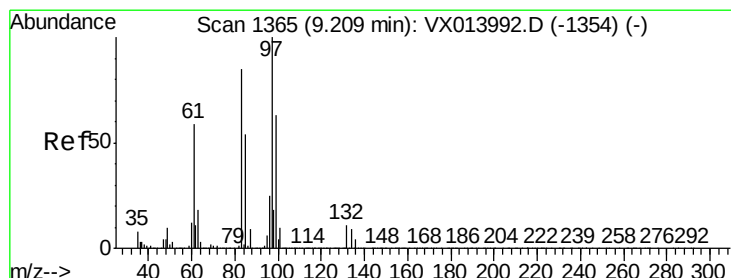
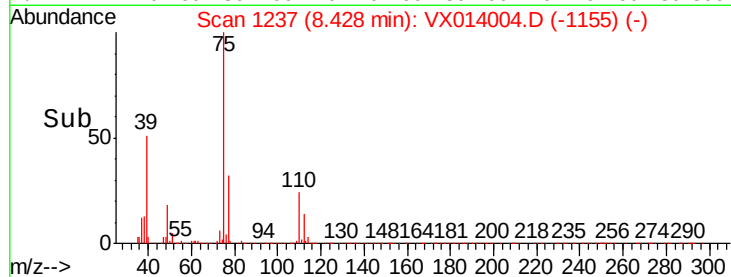
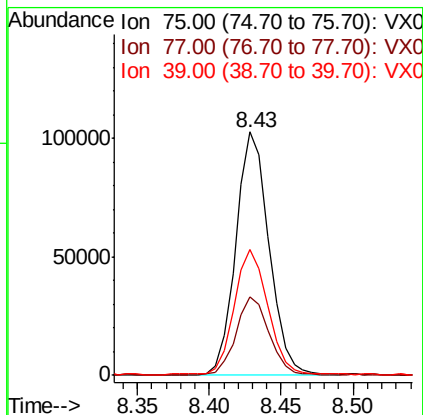
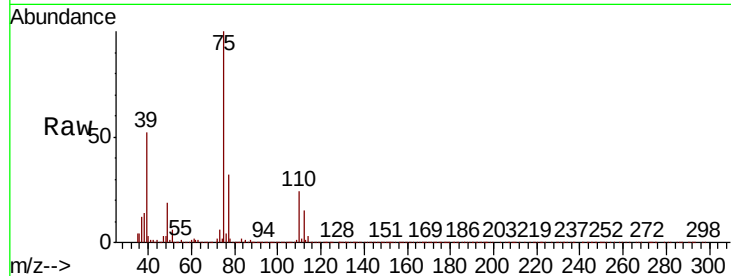


#49

cis-1,3-Dichloropropene
 Concen: 18.508 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

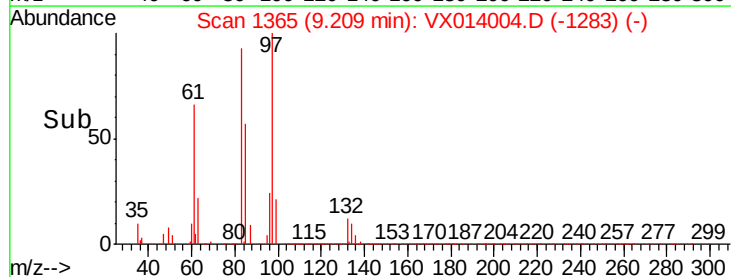
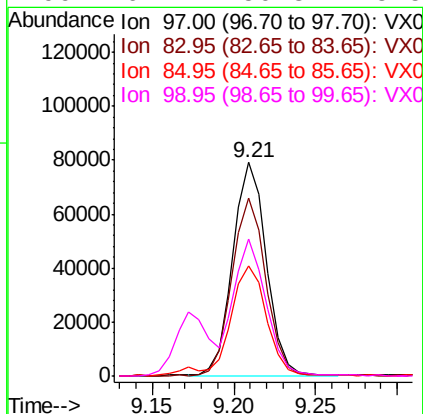
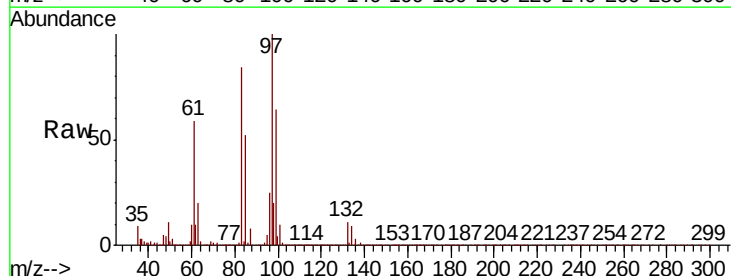
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.8	37.2
39	51.3	41.1	61.7

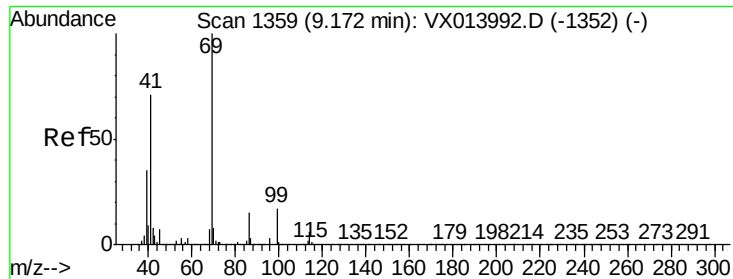


#50

1,1,2-Trichloroethane
 Concen: 19.719 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.1	102.1
85	51.6	42.7	64.1
99	64.1	50.3	75.5

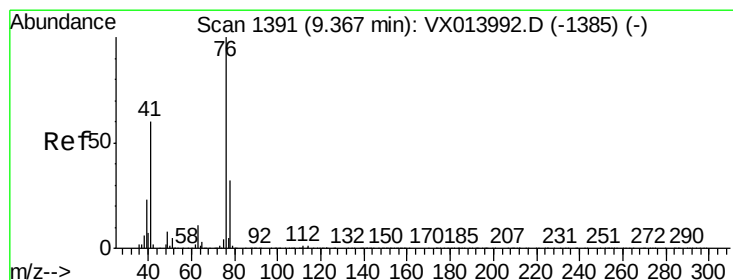
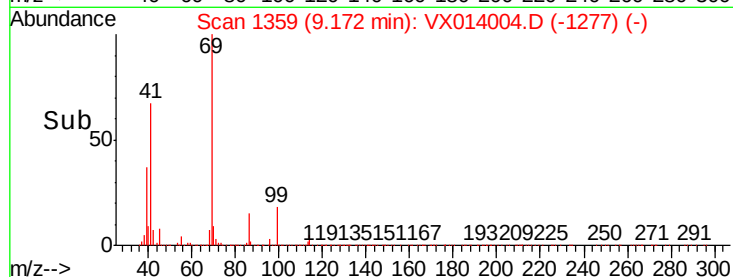
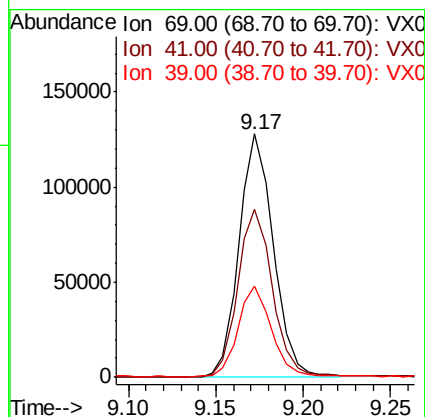
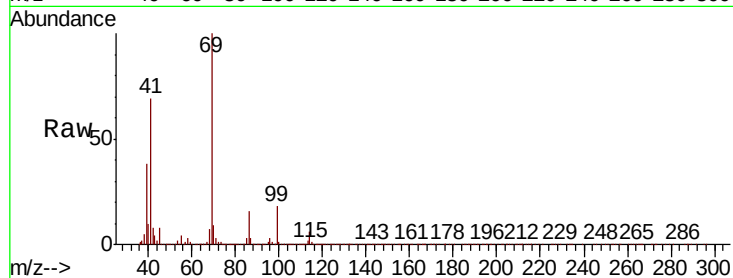




#51
Ethyl methacrylate
Concen: 18.920 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

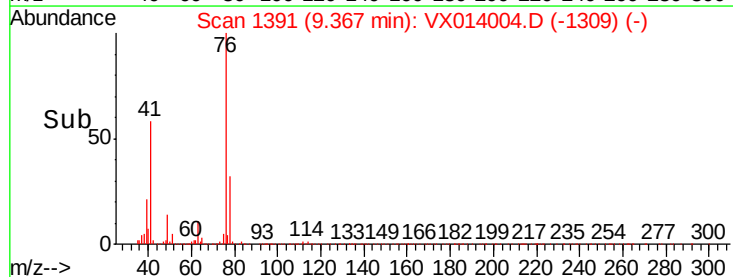
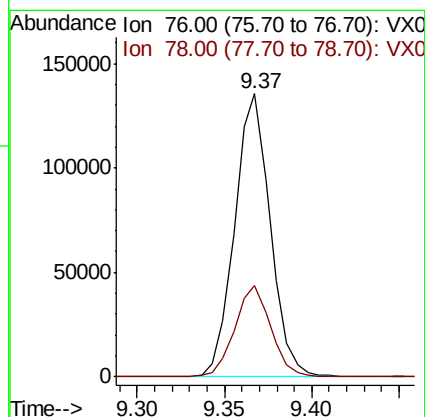
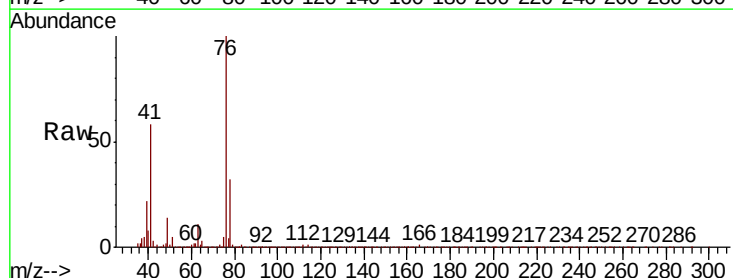
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

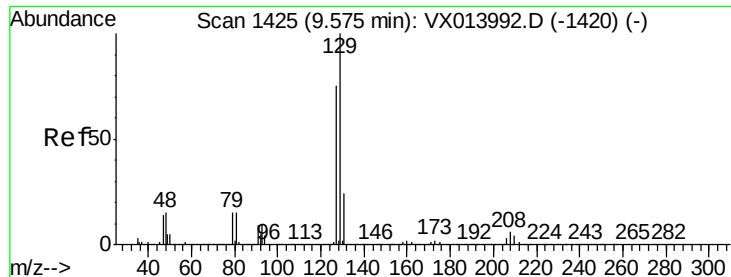
Tot Ion: 69 Resp: 173884
Ion Ratio Lower Upper
69 100
41 68.7 35.4 106.1
39 37.4 17.8 53.3



#52
1,3-Dichloropropane
Concen: 19.477 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion: 76 Resp: 191198
Ion Ratio Lower Upper
76 100
78 32.7 0.0 63.4





#53

Dibromochloromethane

Concen: 19.375 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

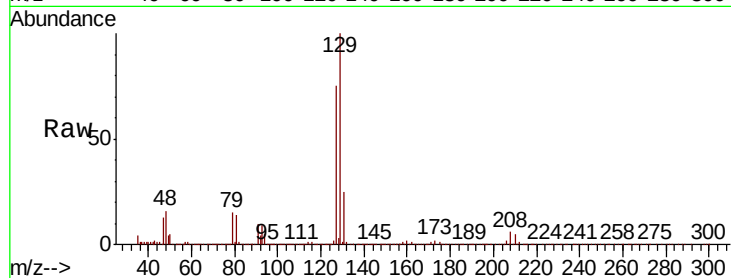
VSTDCCC020EC

Tot Ion:129 Resp: 111941

Ion Ratio Lower Upper

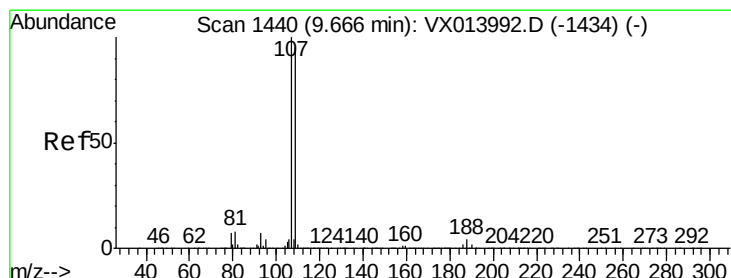
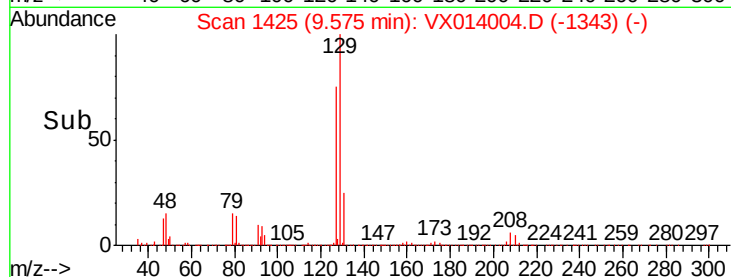
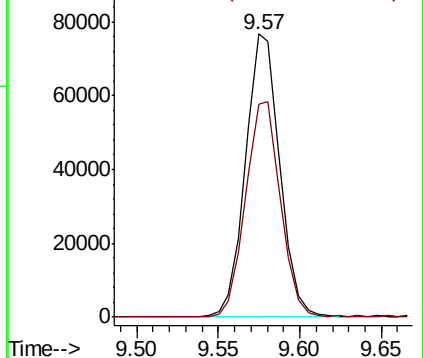
129 100

127 77.5 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: 19.939 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014004.D

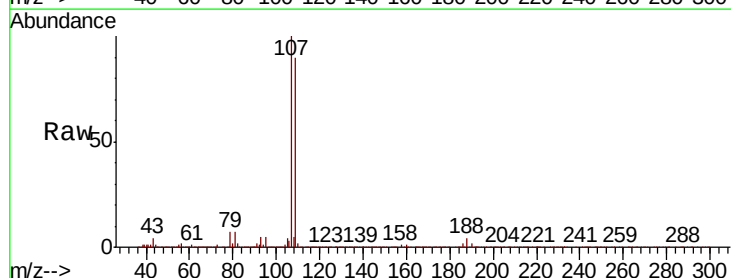
Acq: 13 Dec 2019 05:03

Tgt Ion:107 Resp: 118615

Ion Ratio Lower Upper

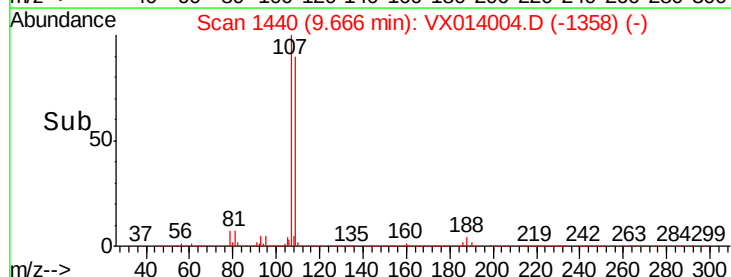
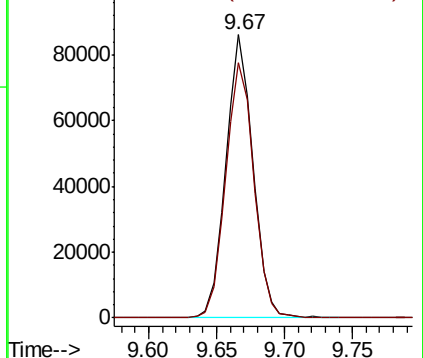
107 100

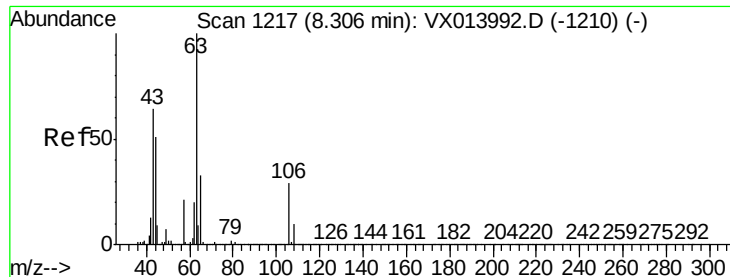
109 94.0 77.2 115.8



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: 94.059 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

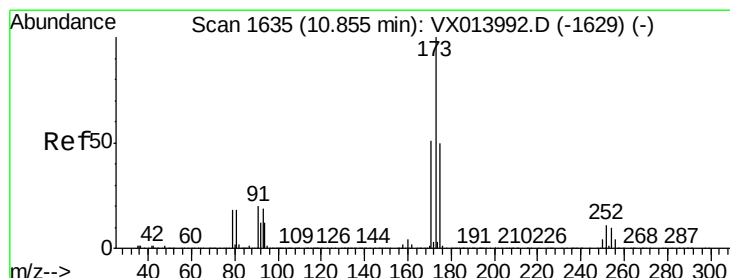
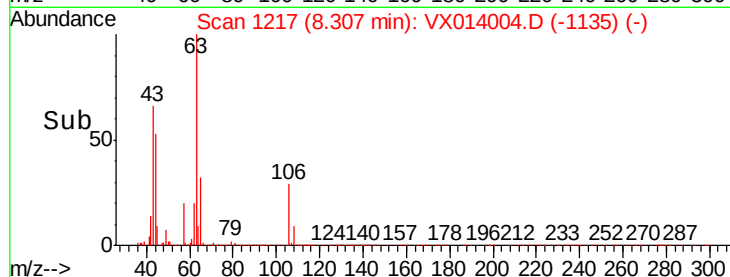
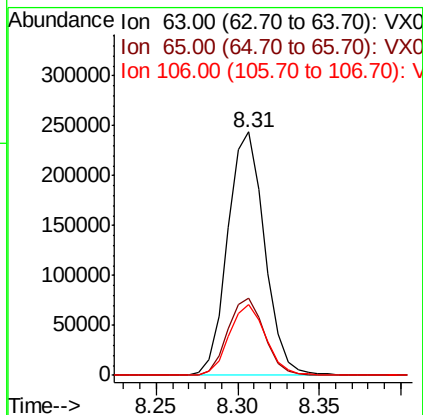
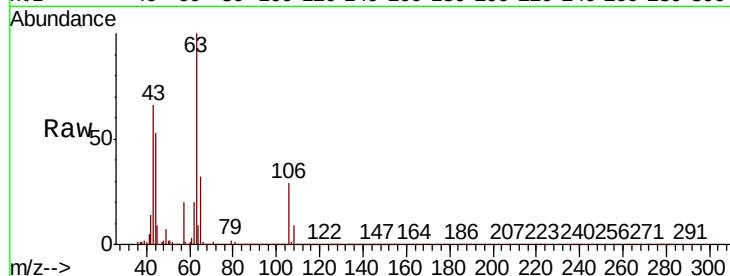
Tot Ion: 63 Resp: 381067

Ion Ratio Lower Upper

63 100

65 31.6 25.8 38.6

106 28.9 22.9 34.3



#56

Bromoform

Concen: 18.217 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

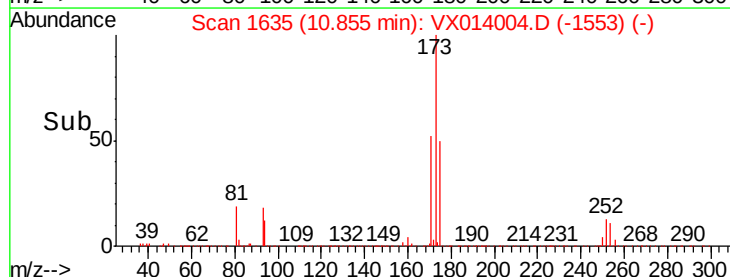
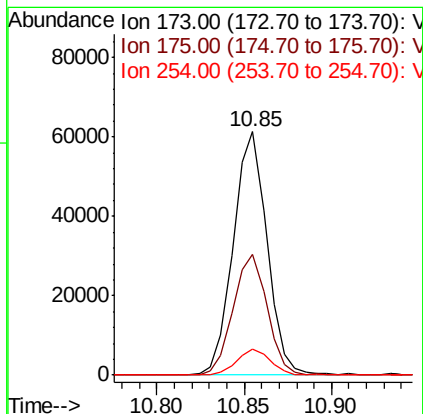
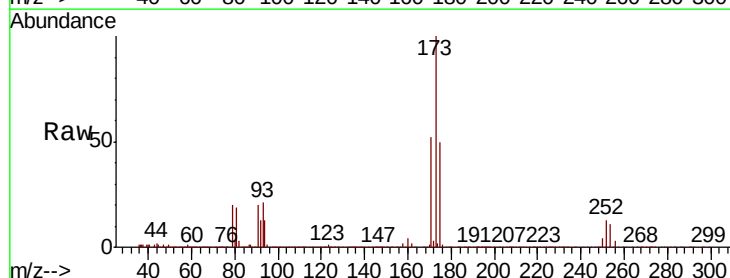
Tgt Ion:173 Resp: 82076

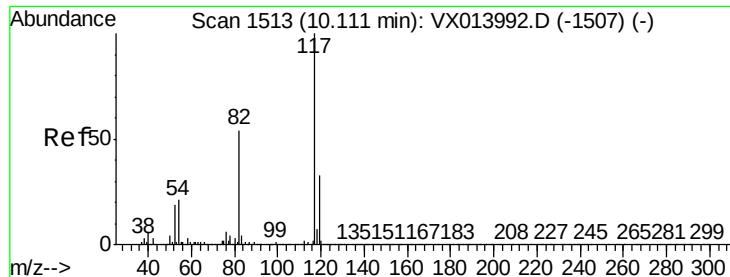
Ion Ratio Lower Upper

173 100

175 50.3 39.5 59.3

254 10.8 8.2 12.4

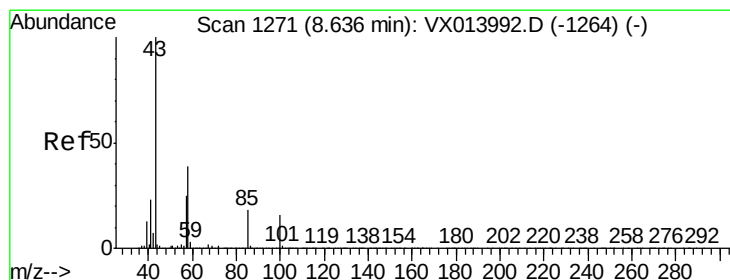
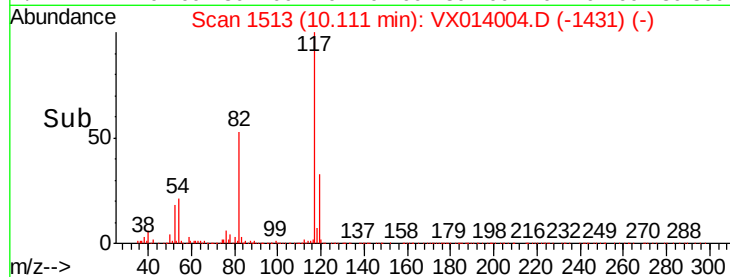
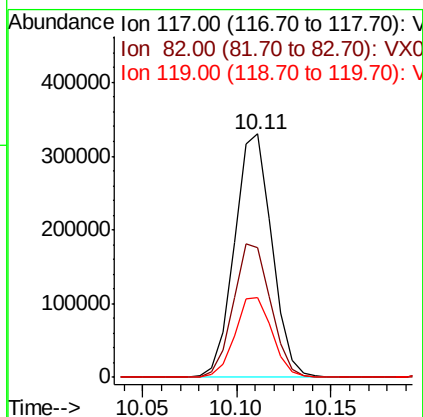
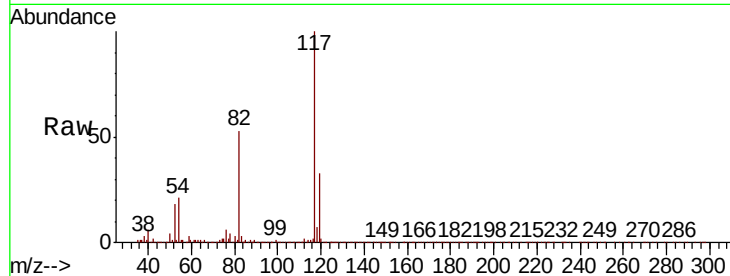




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

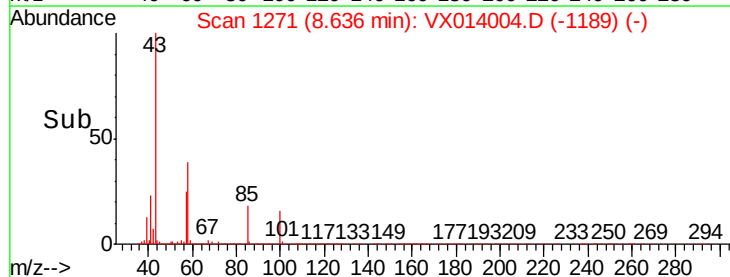
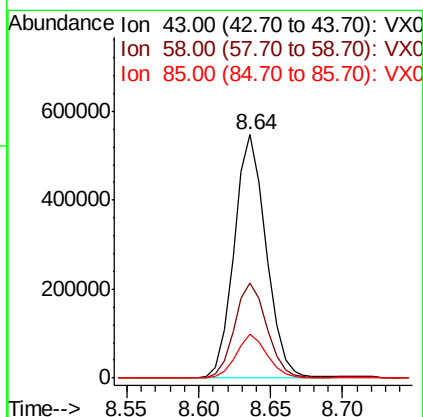
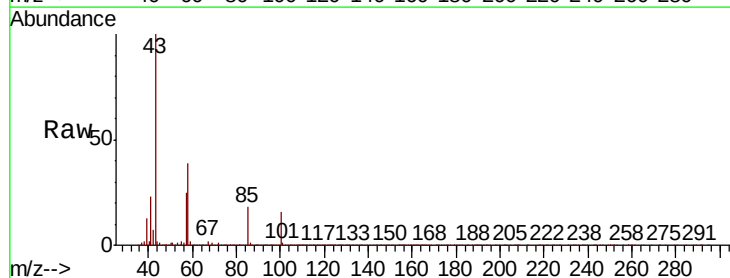
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

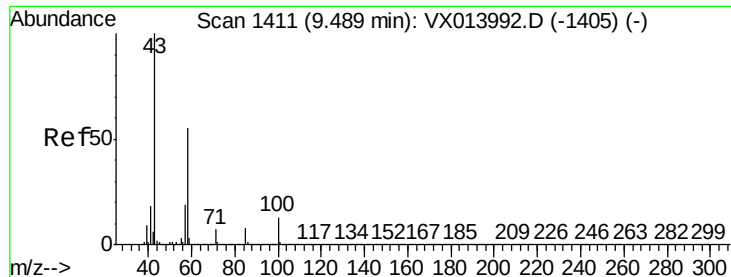
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.8	65.6
119	33.0	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 99.732 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.2	46.8
85	17.4	14.2	21.2

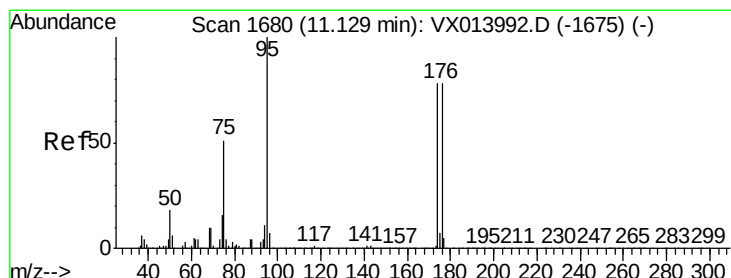
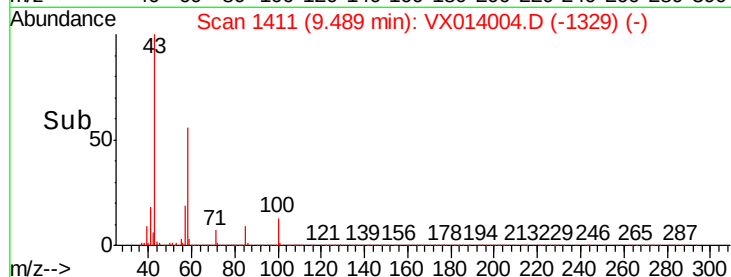
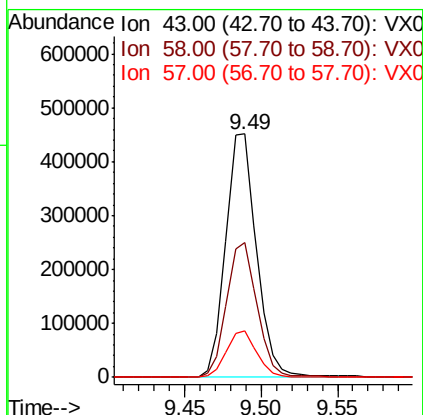
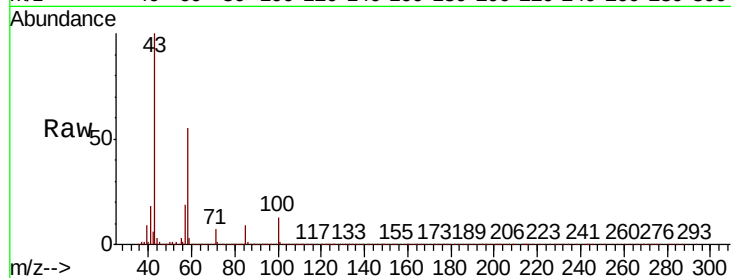




#59
2-Hexanone
Concen: 98.096 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

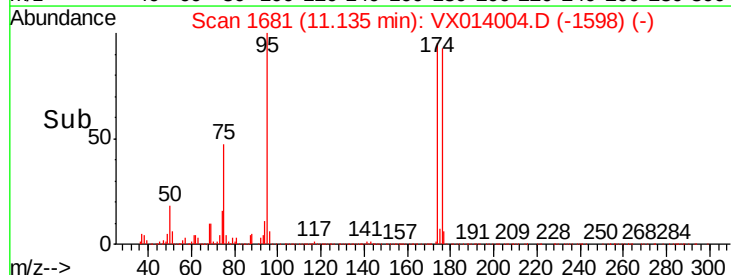
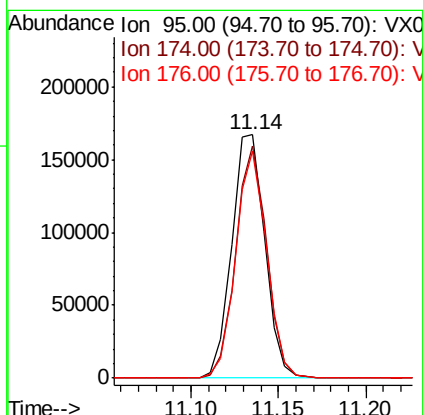
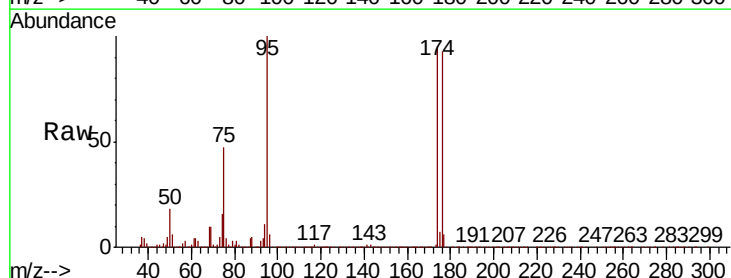
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

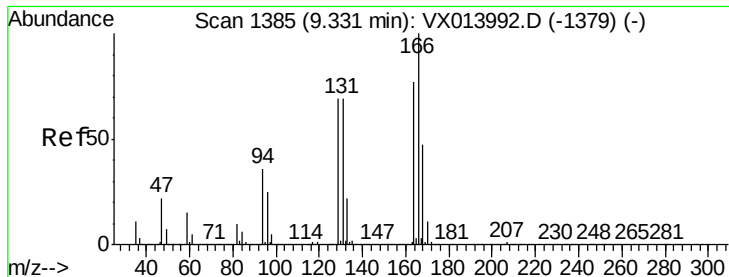
Tot Ion: 43 Resp: 631379
Ion Ratio Lower Upper
43 100
58 55.0 43.8 65.6
57 18.9 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 30.164 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion: 95 Resp: 220789
Ion Ratio Lower Upper
95 100
174 88.7 70.2 105.2
176 87.2 68.3 102.5





#61

Tetrachloroethene

Concen: 17.817 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 106841

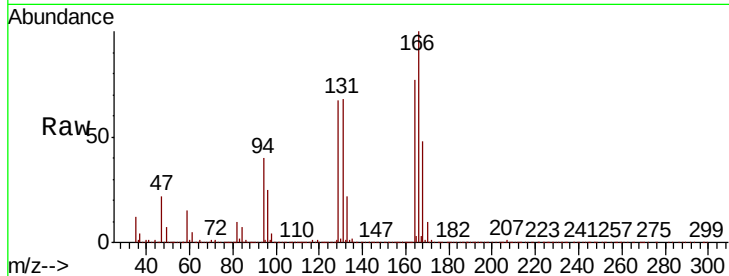
Ion Ratio Lower Upper

164 100

166 130.4 104.2 156.2

129 87.0 71.6 107.4

131 87.9 71.7 107.5

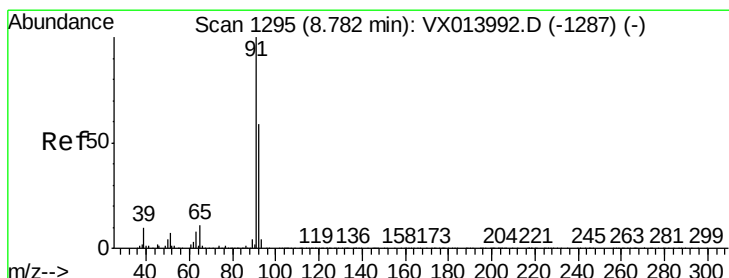
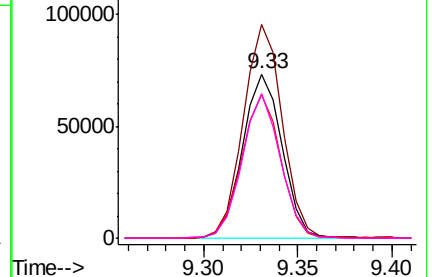
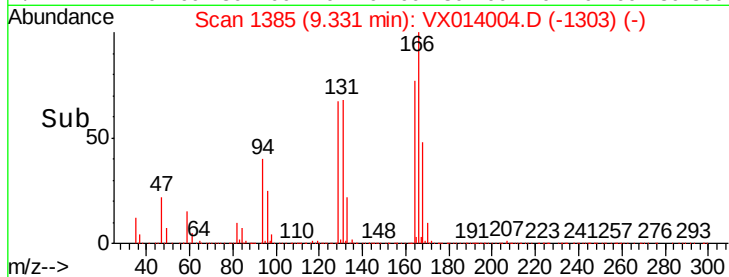


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.854 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX014004.D

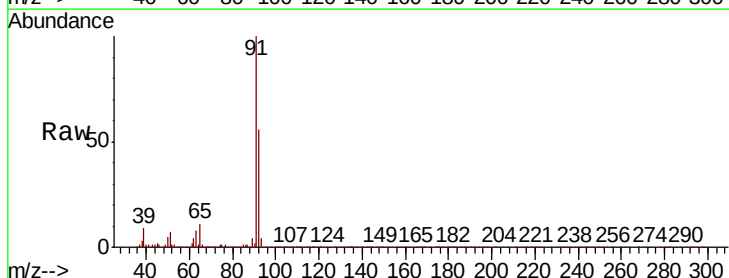
Acq: 13 Dec 2019 05:03

Tgt Ion: 91 Resp: 478651

Ion Ratio Lower Upper

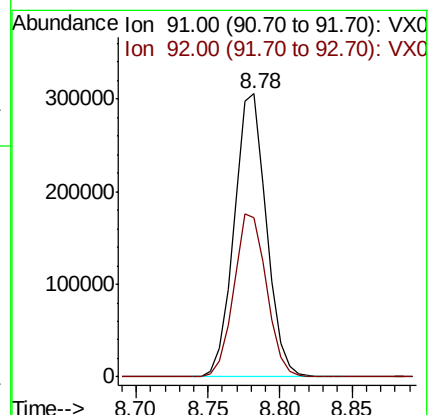
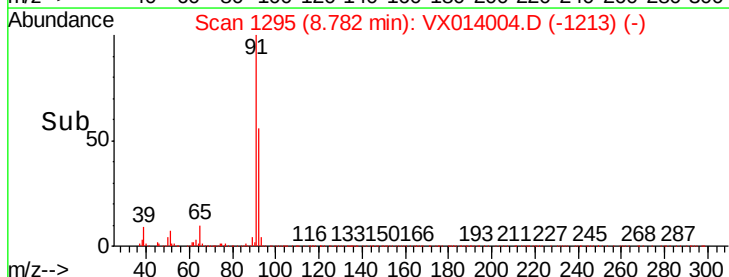
91 100

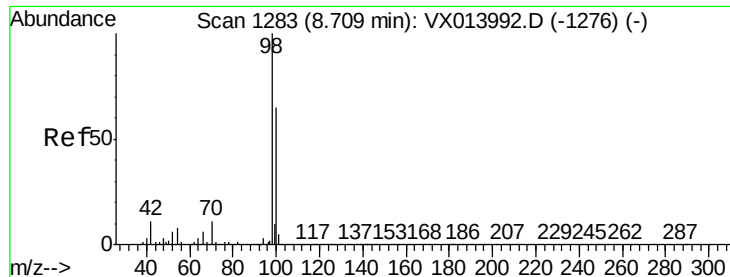
92 58.0 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.779 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

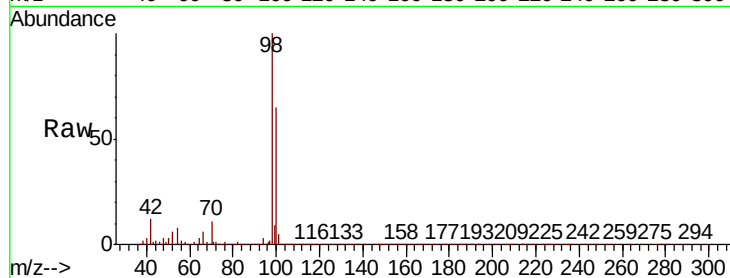
VSTDCCC020EC

Tot Ion: 98 Resp: 623616

Ion Ratio Lower Upper

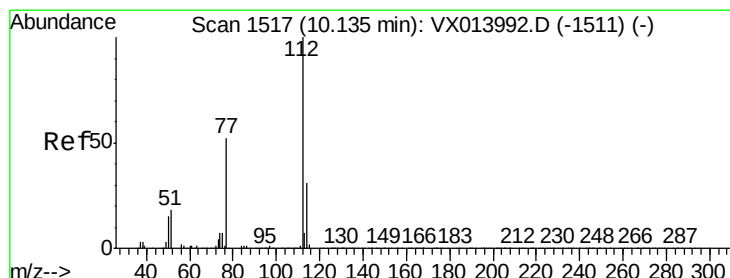
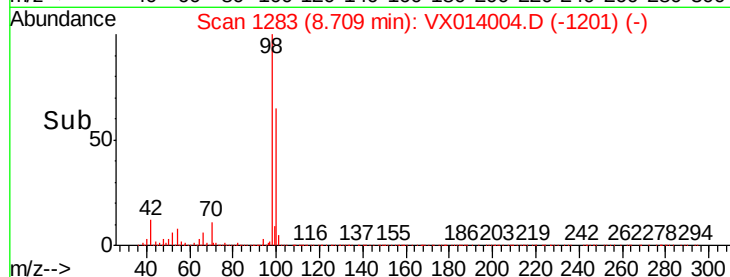
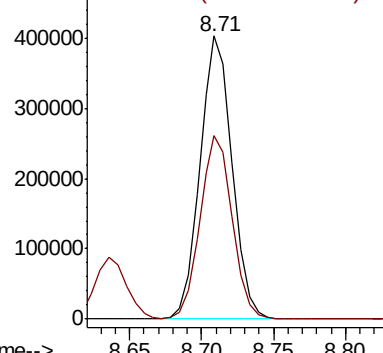
98 100

100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 19.597 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014004.D

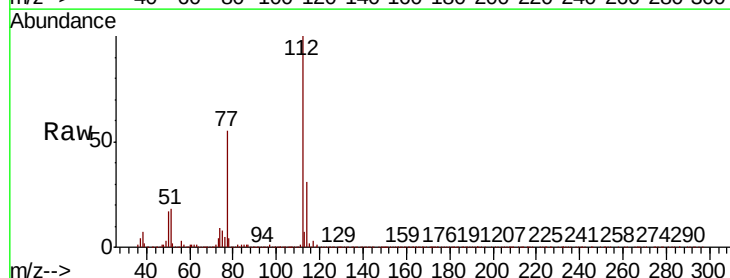
Acq: 13 Dec 2019 05:03

Tgt Ion: 112 Resp: 295995

Ion Ratio Lower Upper

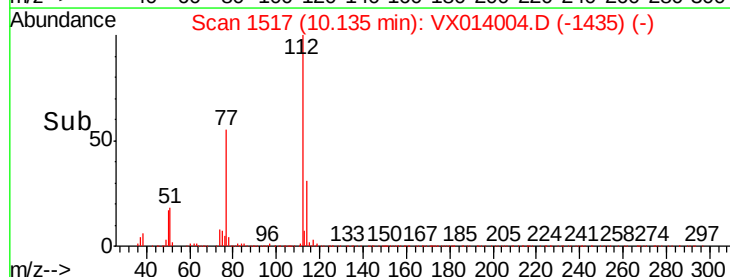
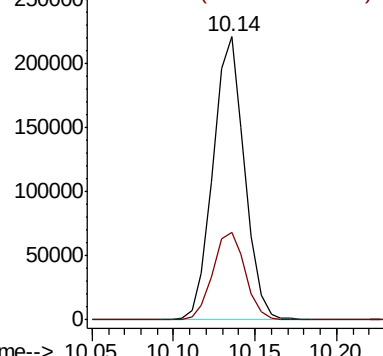
112 100

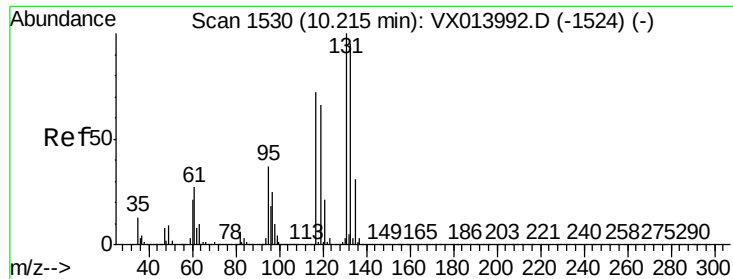
114 30.7 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

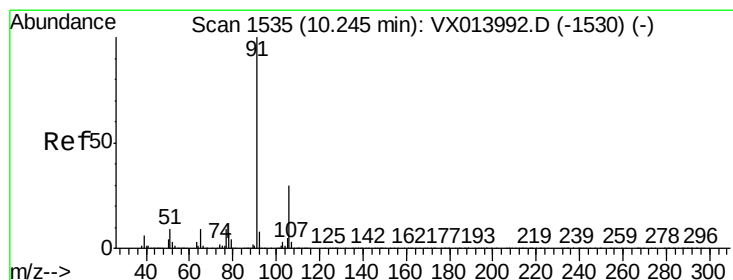
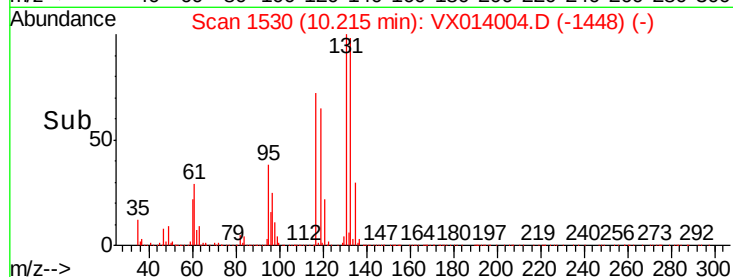
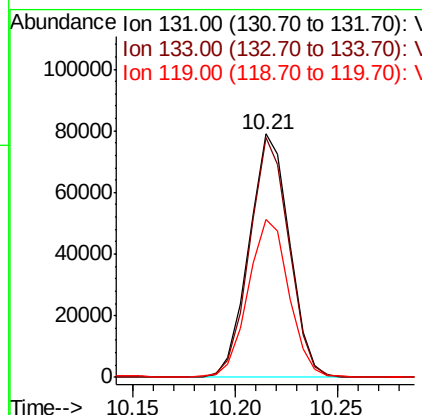
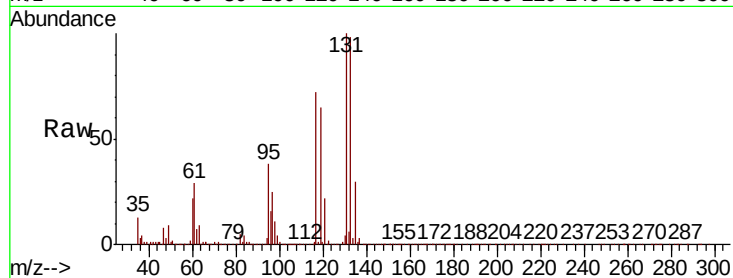




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.437 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

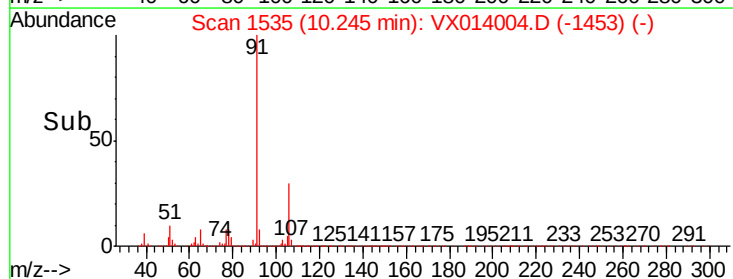
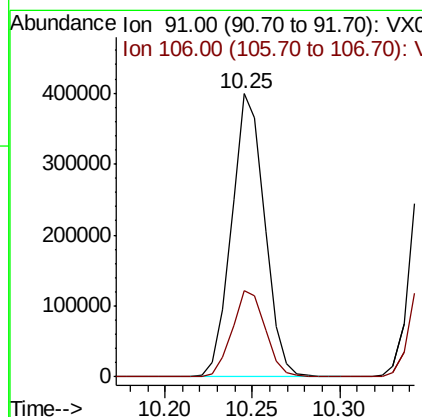
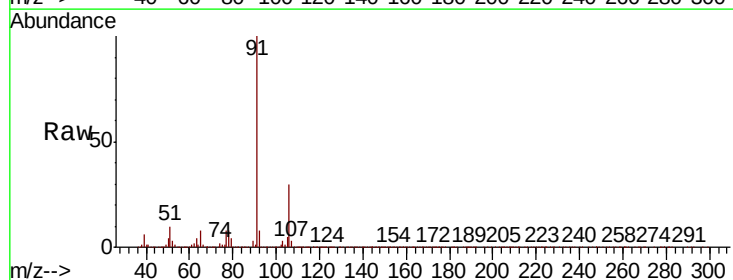
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

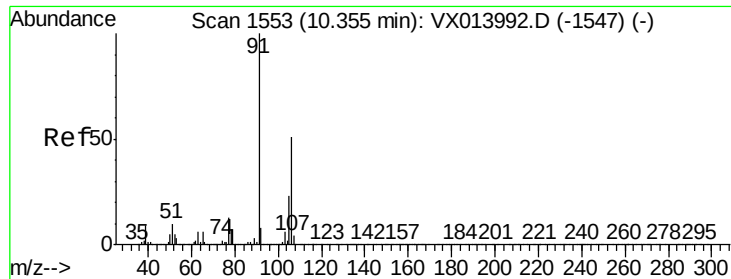
Tot Ion:131 Resp: 108705
 Ion Ratio Lower Upper
 131 100
 133 95.9 0.0 189.8
 119 65.9 0.0 132.2



#66
 Ethyl Benzene
 Concen: 19.810 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Tgt Ion: 91 Resp: 522655
 Ion Ratio Lower Upper
 91 100
 106 30.5 24.2 36.2

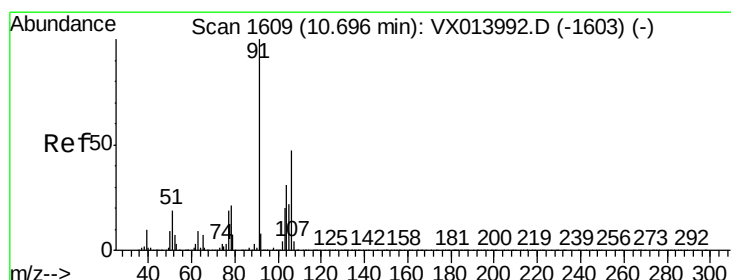
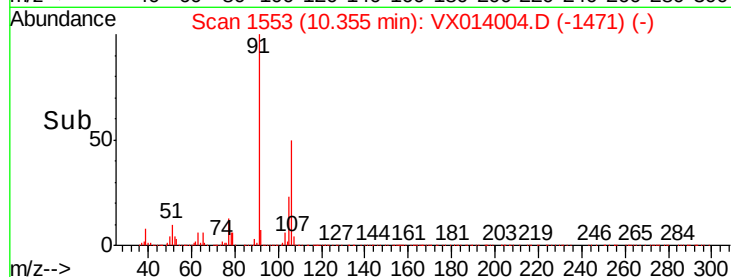
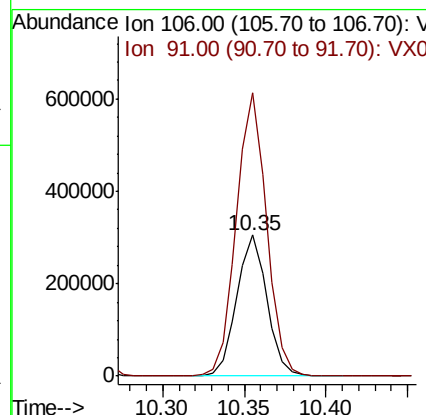
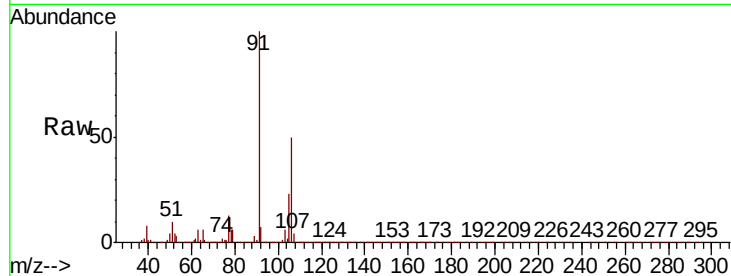




#67
m/p-Xylenes
Concen: 38.985 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

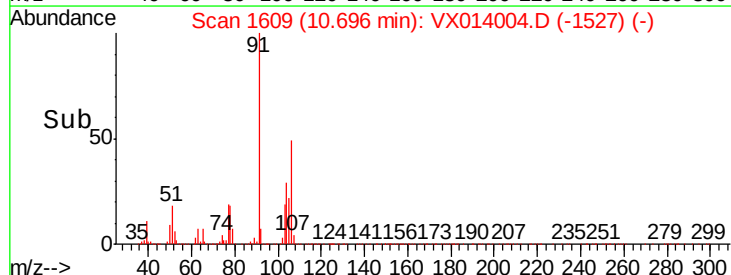
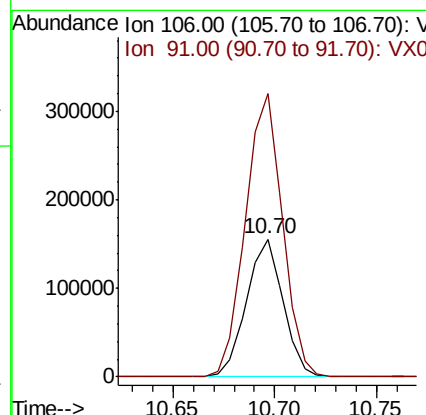
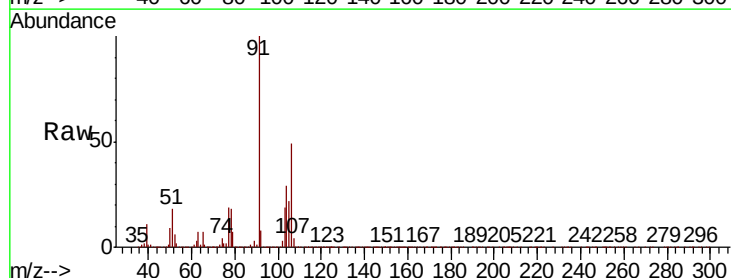
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

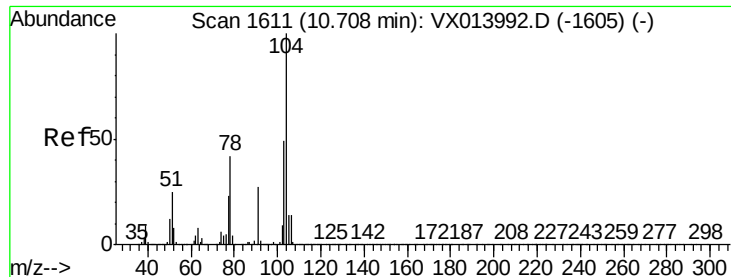
Tot Ion:106 Resp: 393182
Ion Ratio Lower Upper
106 100
91 201.8 159.3 238.9



#68
o-Xylene
Concen: 19.237 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion:106 Resp: 192203
Ion Ratio Lower Upper
106 100
91 210.2 104.8 314.6

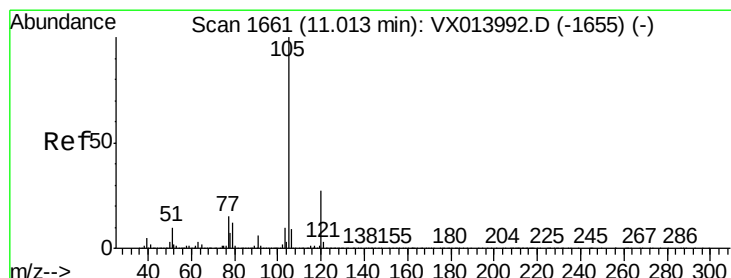
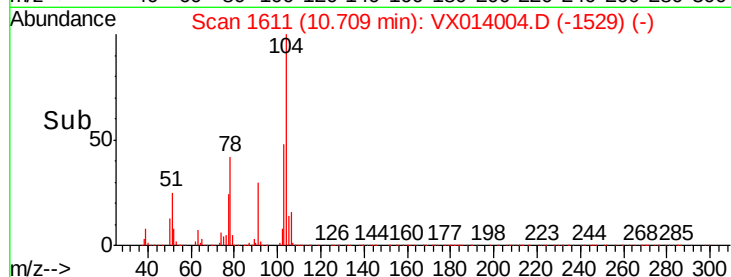
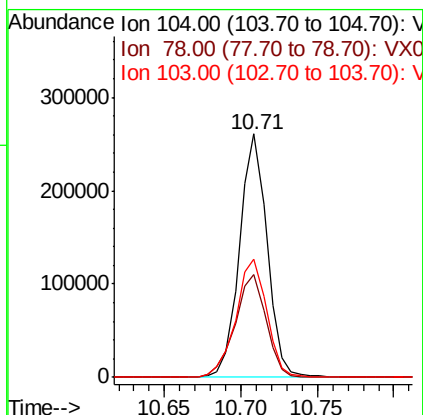
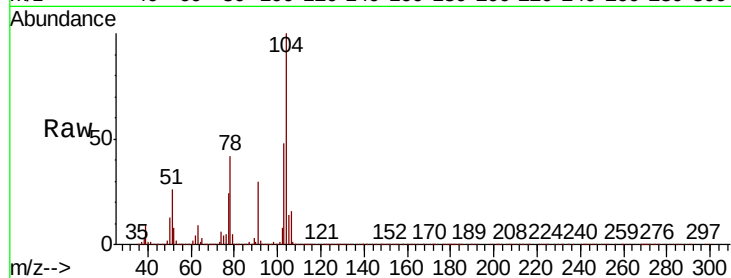




#69
Stvrene
Concen: 19.178 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

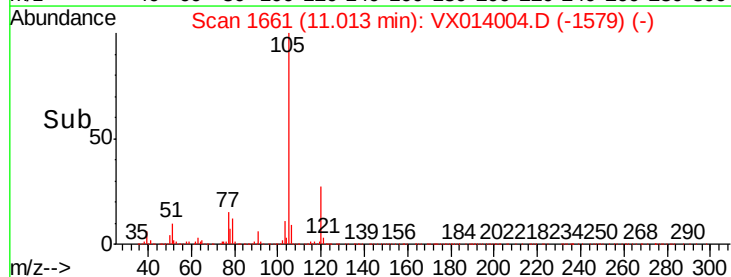
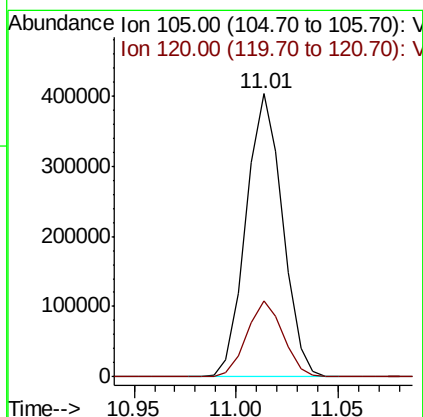
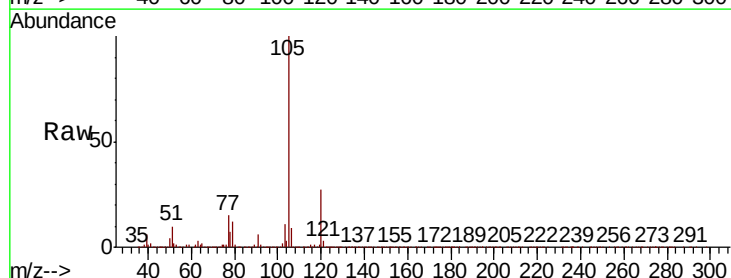
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

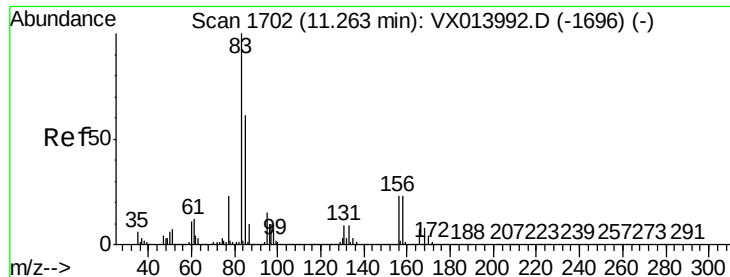
Tot Ion	Ratio	Lower	Upper
104	100		
78	47.7	38.9	58.3
103	54.6	44.2	66.2



#70
Isopropylbenzene
Concen: 19.454 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 20.091 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

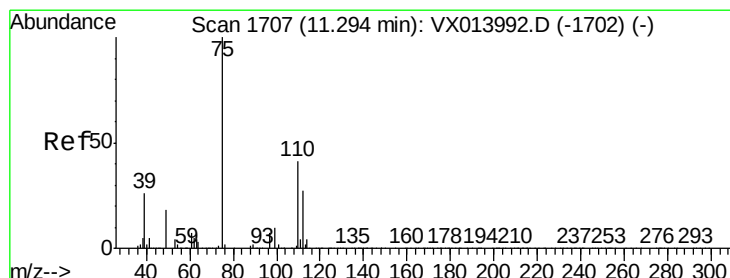
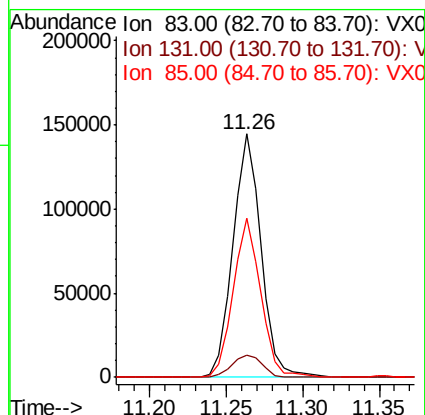
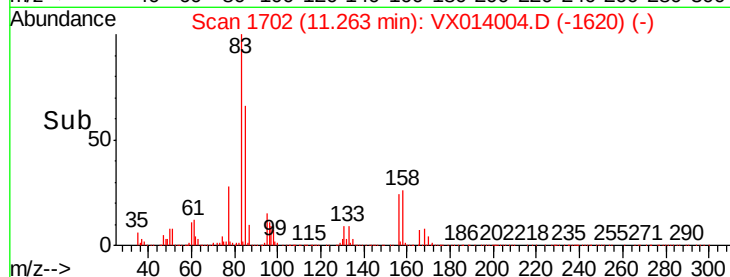
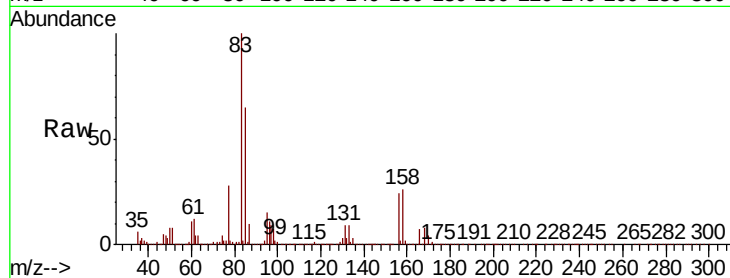
Tot Ion: 83 Resp: 183957

Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.9	14.7
85	63.9	31.6	94.7

83 100

131 10.1 4.9 14.7

85 63.9 31.6 94.7



#72

1,2,3-Trichloropropane

Concen: 22.745 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014004.D

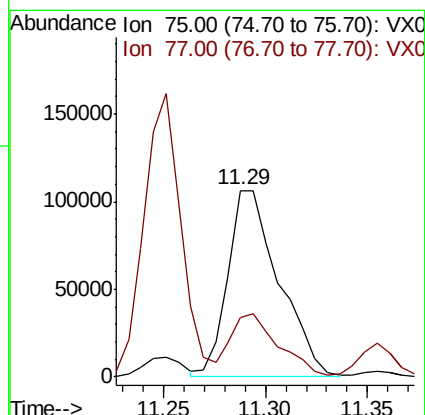
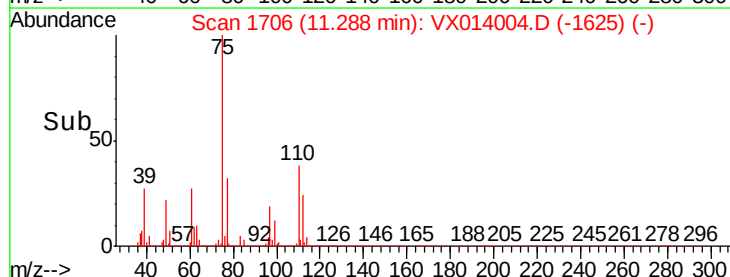
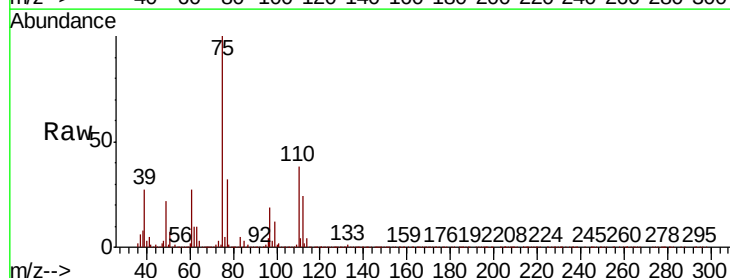
Acq: 13 Dec 2019 05:03

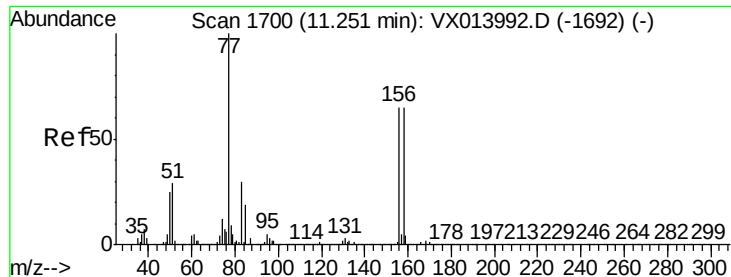
Tgt Ion: 75 Resp: 185377

Ion	Ratio	Lower	Upper
75	100		
77	29.6	0.0	68.4

75 100

77 29.6 0.0 68.4





#73

Bromobenzene

Concen: 19.057 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

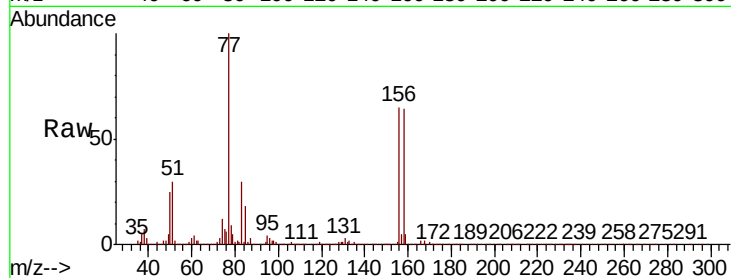
Tot Ion:156 Resp: 131347

Ion Ratio Lower Upper

156 100

77 155.0 0.0 304.6

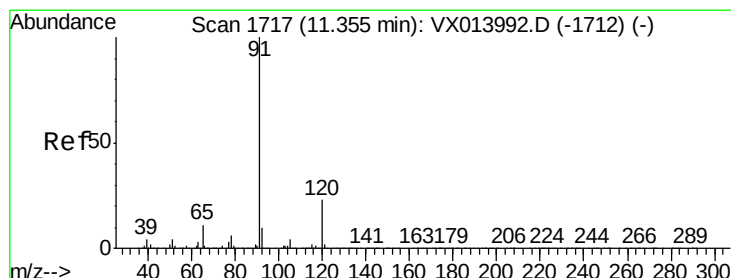
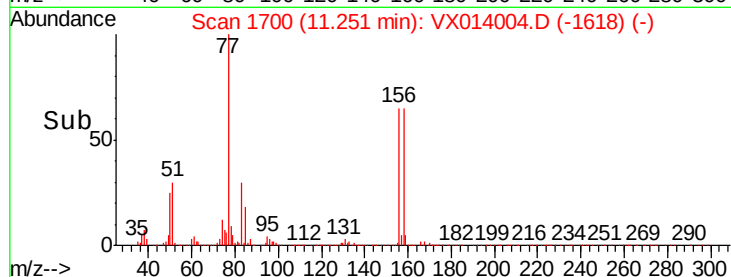
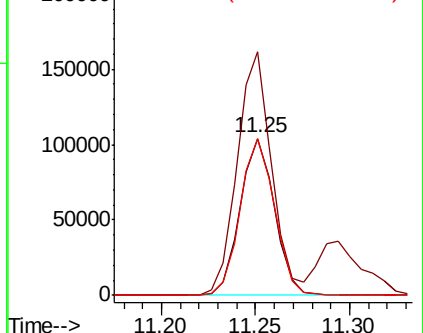
158 100.4 0.0 195.2



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: 19.302 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014004.D

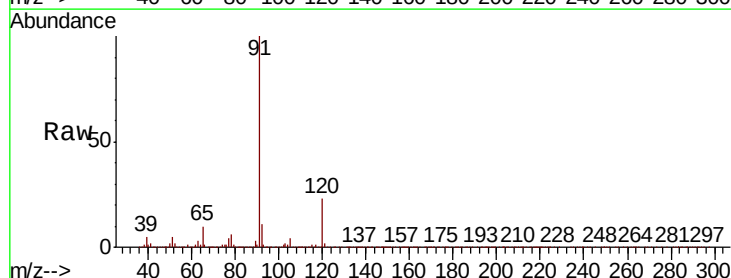
Acq: 13 Dec 2019 05:03

Tgt Ion: 91 Resp: 565255

Ion Ratio Lower Upper

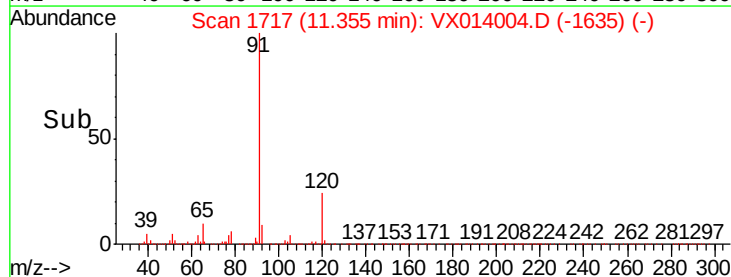
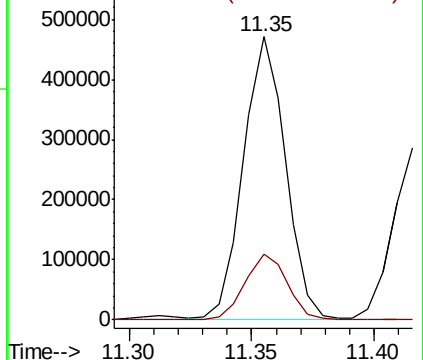
91 100

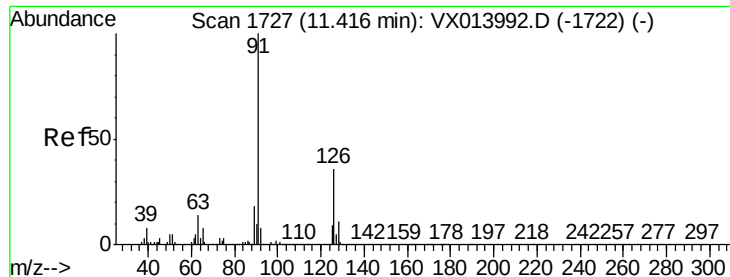
120 23.1 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.524 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

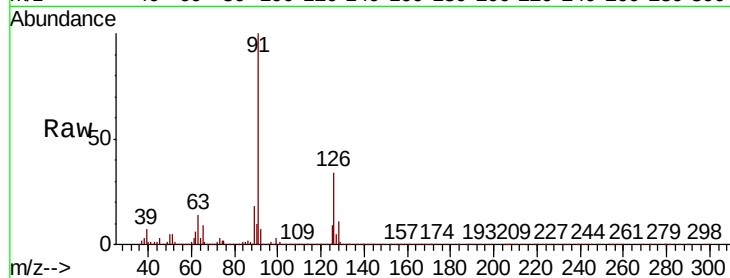
VSTDCCC020EC

Tot Ion: 91 Resp: 345469

Ion Ratio Lower Upper

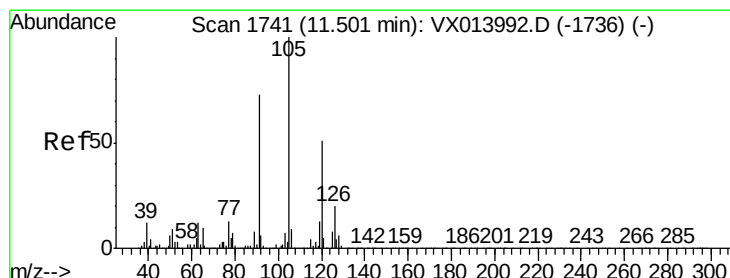
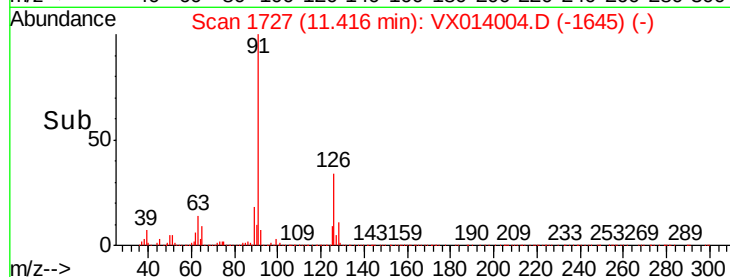
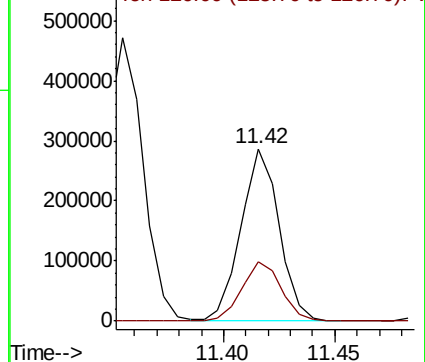
91 100

126 35.3 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 19.141 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014004.D

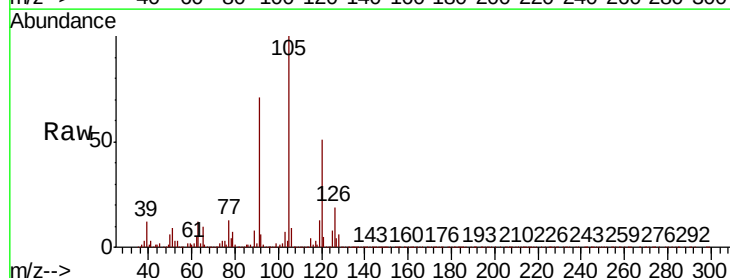
Acq: 13 Dec 2019 05:03

Tgt Ion: 105 Resp: 419235

Ion Ratio Lower Upper

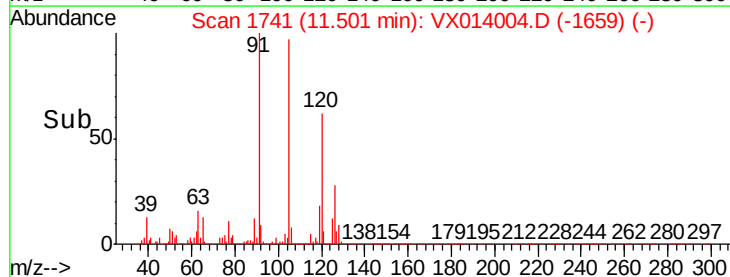
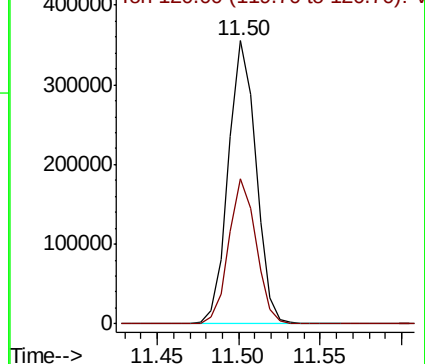
105 100

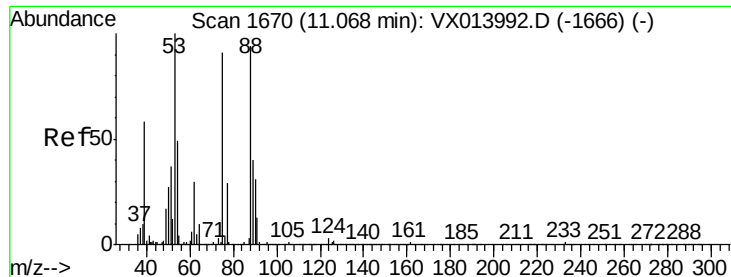
120 50.5 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 16.731 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

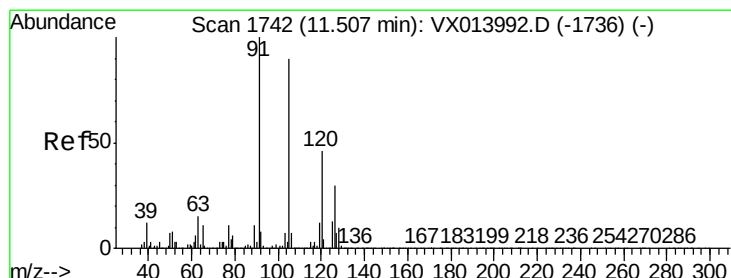
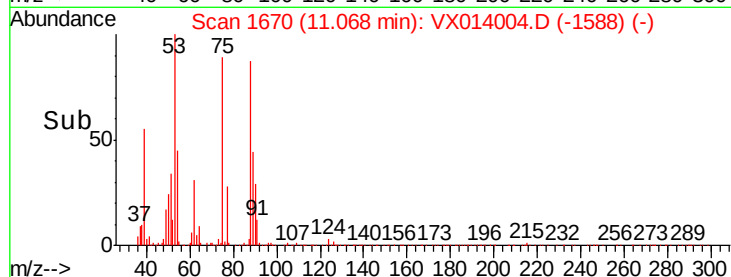
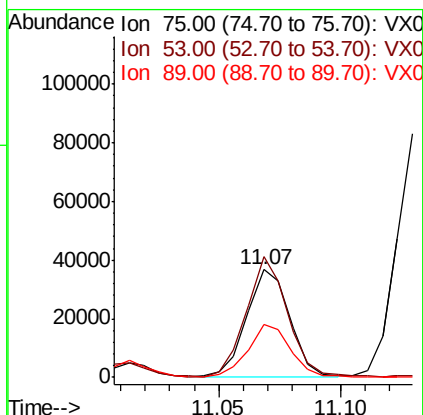
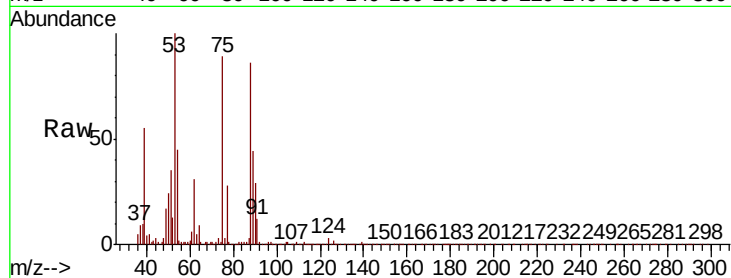
Tot Ion: 75 Resp: 45029

Ion Ratio Lower Upper

75 100

53 112.3 54.4 163.1

89 49.9 21.9 65.5



#78

4-Chlorotoluene

Concen: 19.018 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014004.D

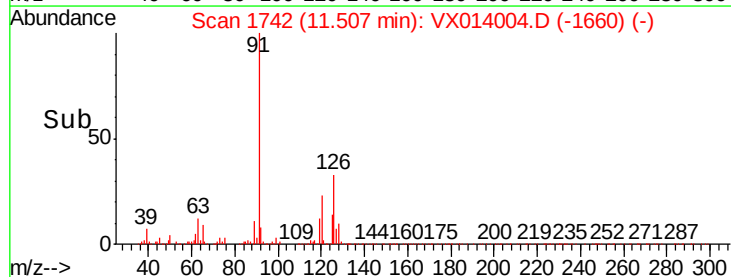
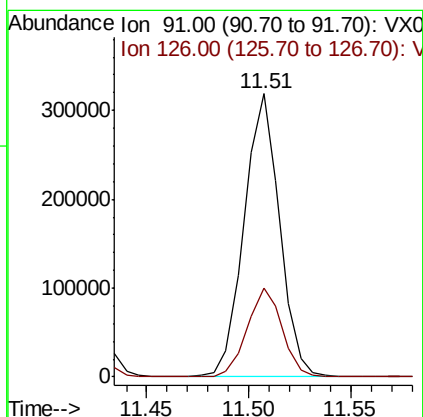
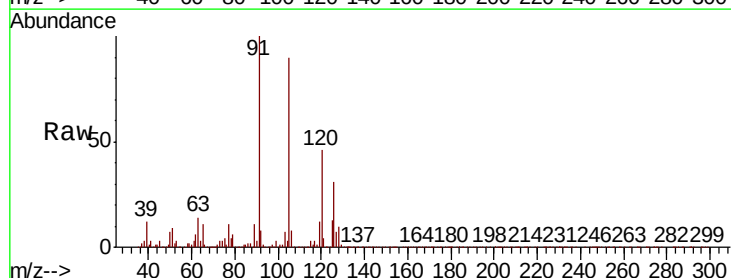
Acq: 13 Dec 2019 05:03

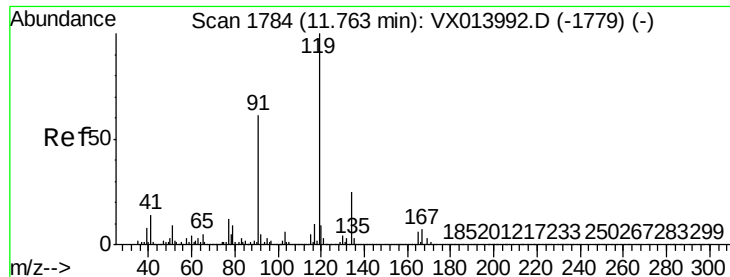
Tgt Ion: 91 Resp: 384537

Ion Ratio Lower Upper

91 100

126 30.9 0.0 59.6

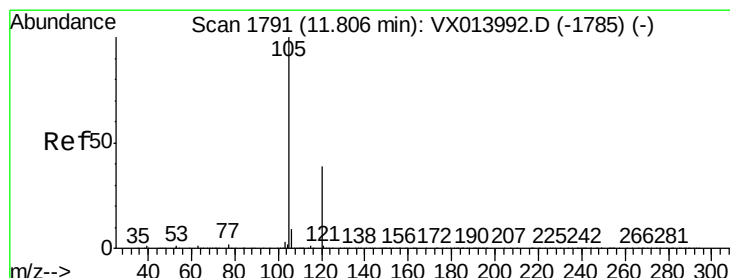
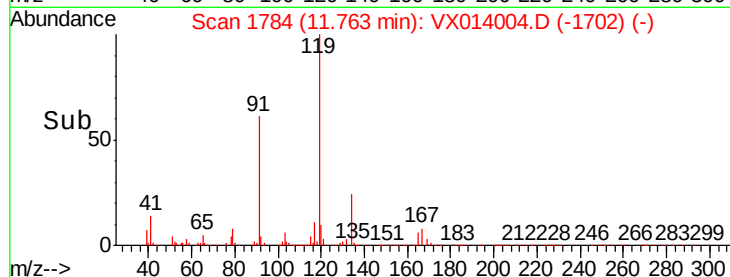
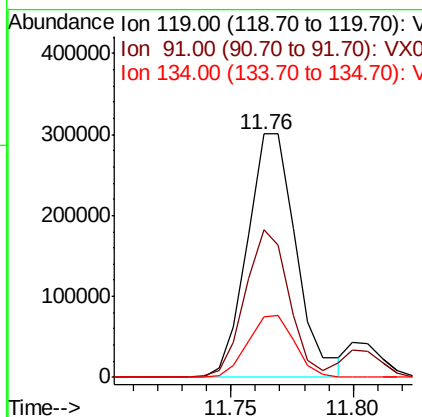
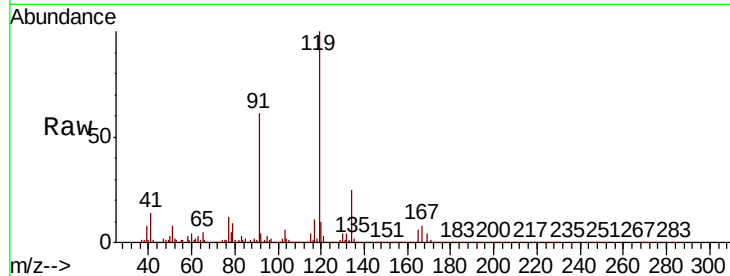




#79
tert-butylbenzene
Concen: 19.997 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

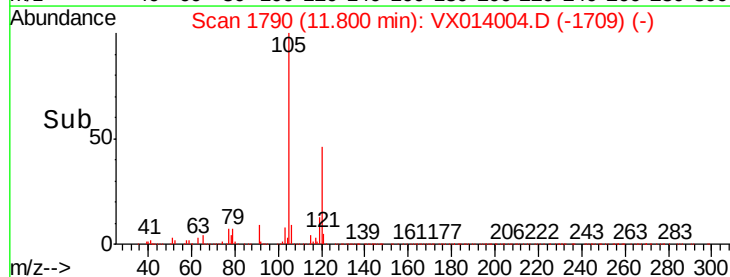
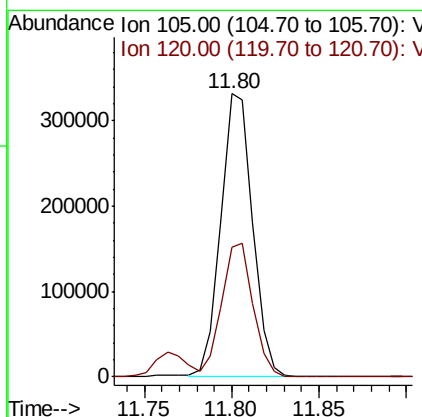
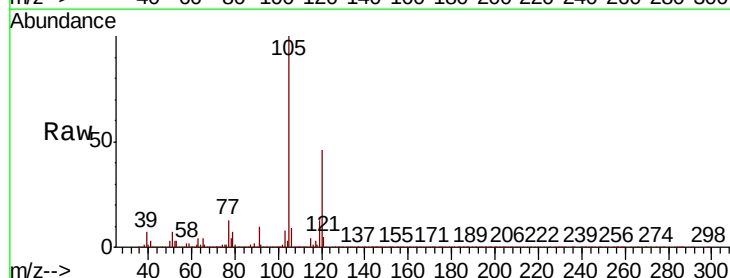
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

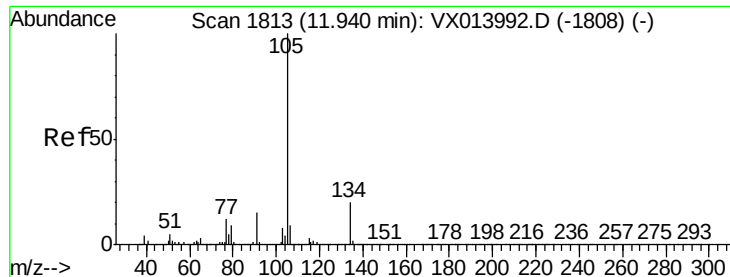
Tot Ion:119 Resp: 422166
Ion Ratio Lower Upper
119 100
91 54.5 0.0 112.6
134 24.1 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 19.064 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion:105 Resp: 417502
Ion Ratio Lower Upper
105 100
120 46.6 0.0 92.0





#81

sec-Butylbenzene

Concen: 19.058 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

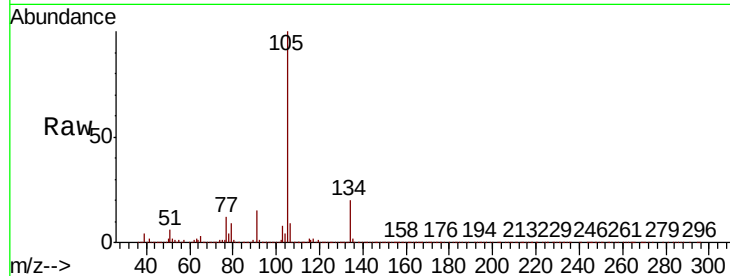
VSTDCCC020EC

Tot Ion:105 Resp: 478554

Ion Ratio Lower Upper

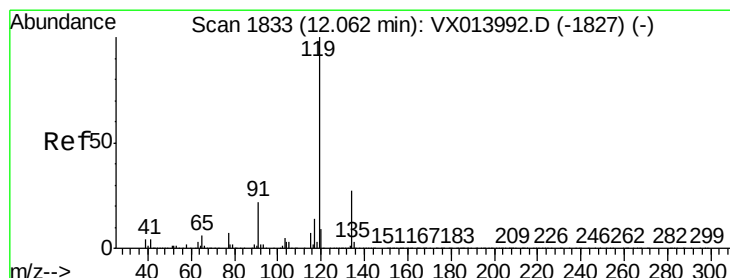
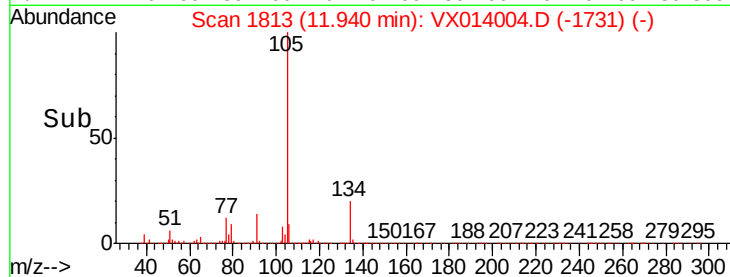
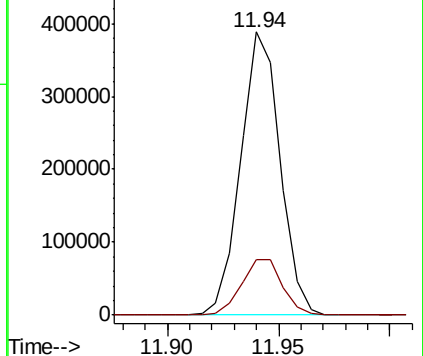
105 100

134 20.7 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.941 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

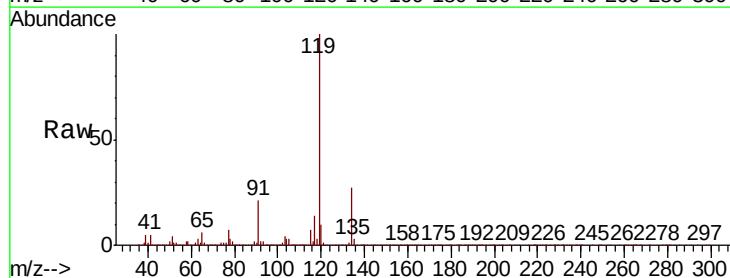
Tgt Ion:119 Resp: 429208

Ion Ratio Lower Upper

119 100

134 26.8 0.0 53.8

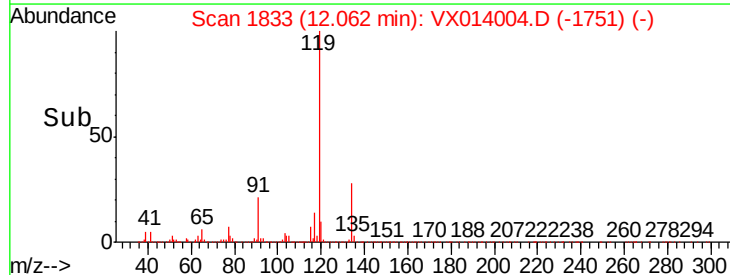
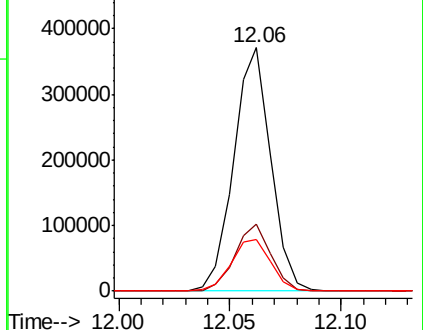
91 22.6 0.0 45.0

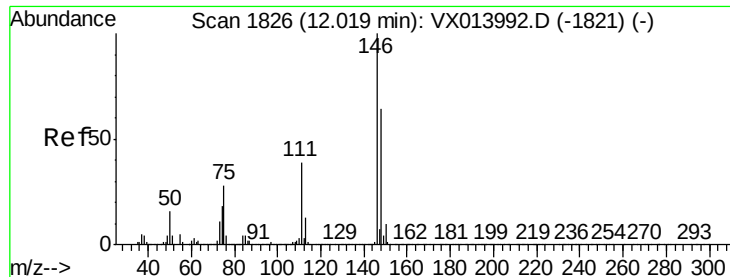


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 18.741 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

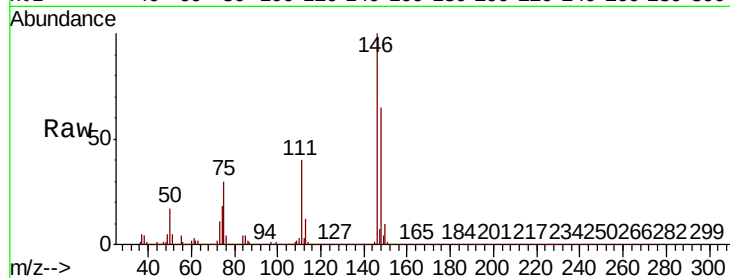
Tot Ion:146 Resp: 225139

Ion Ratio Lower Upper

146 100

111 38.2 19.3 57.9

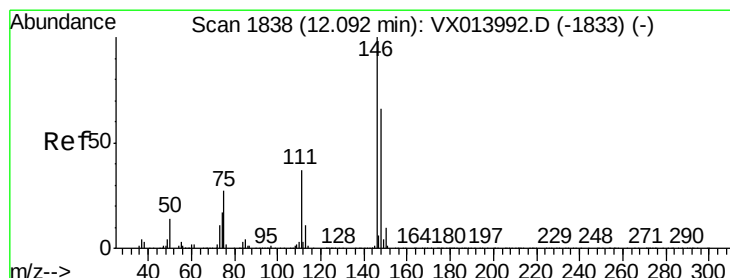
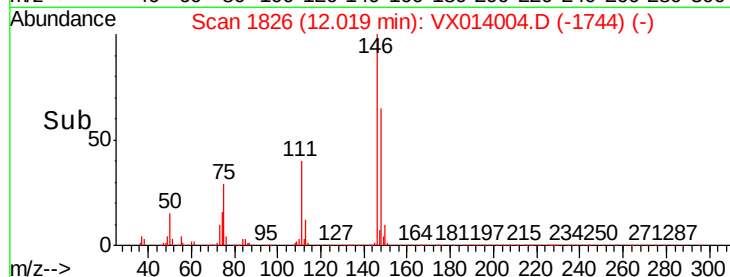
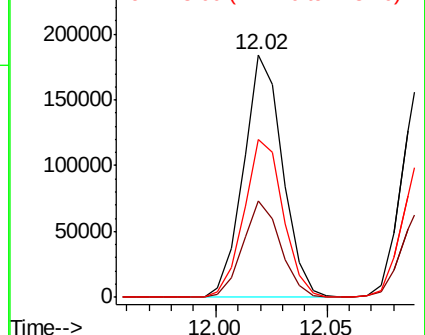
148 65.5 32.2 96.6



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: 18.636 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

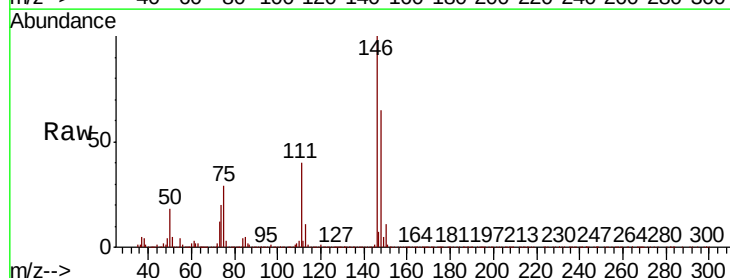
Tgt Ion:146 Resp: 222936

Ion Ratio Lower Upper

146 100

111 37.5 18.4 55.4

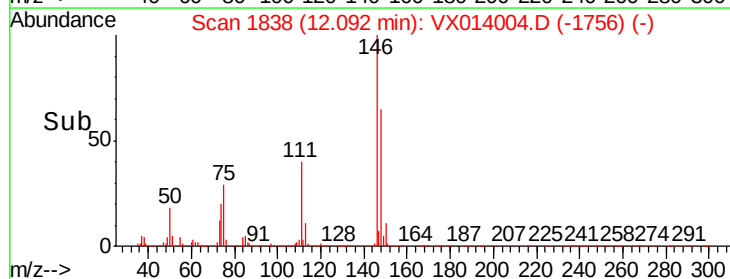
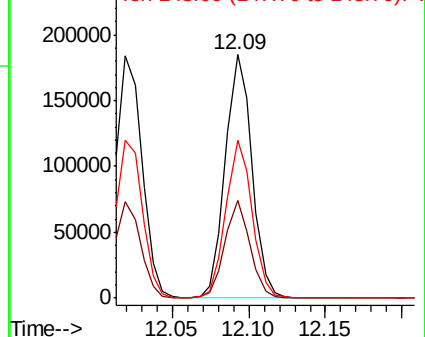
148 64.3 32.0 96.0

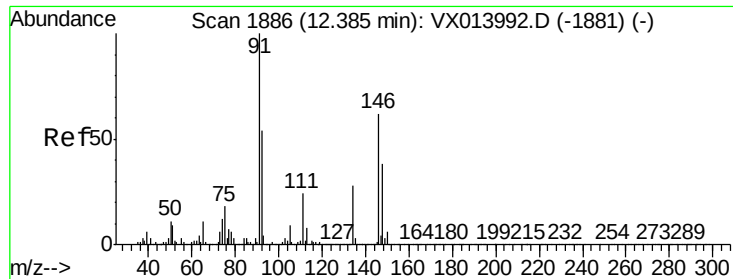


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

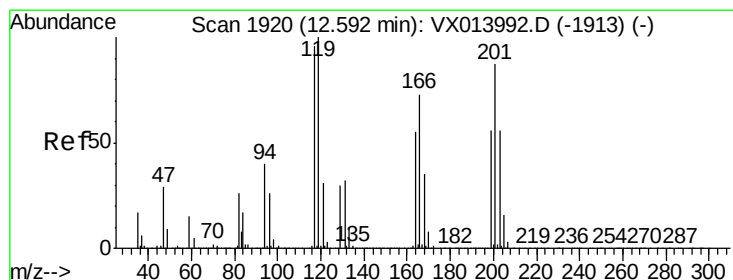
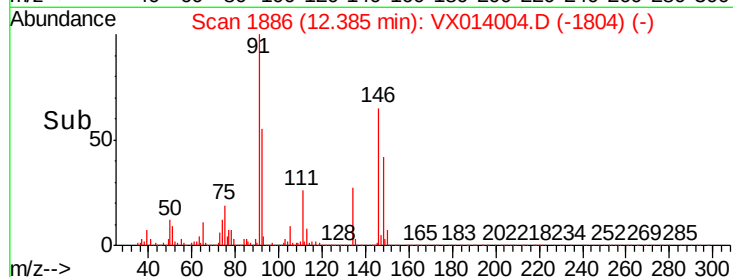
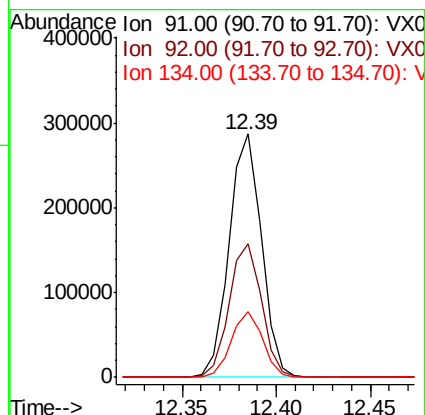
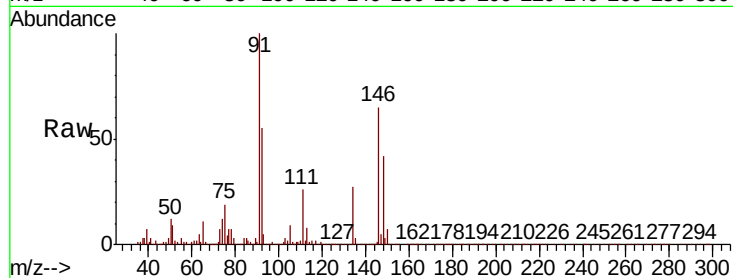




#85
n-Butylbenzene
Concen: 17.897 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

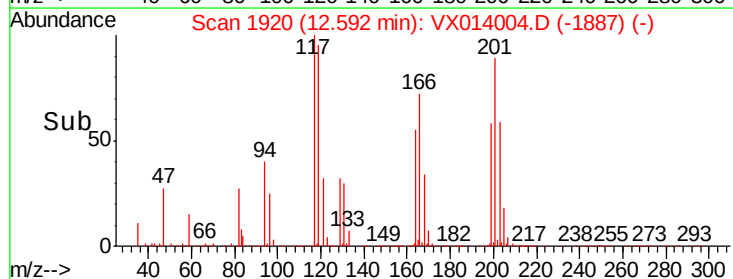
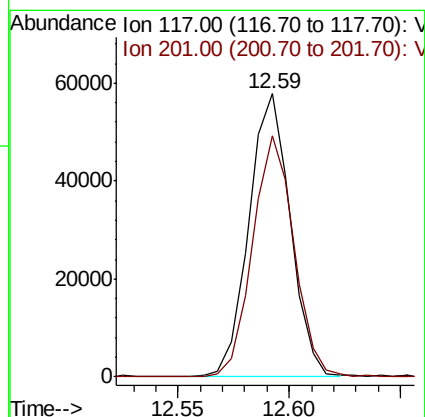
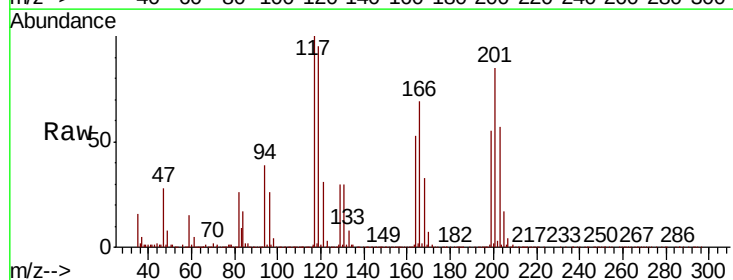
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

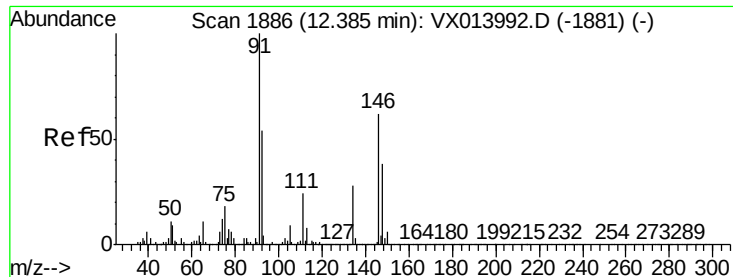
Tot Ion: 91 Resp: 340992
Ion Ratio Lower Upper
91 100
92 55.0 0.0 109.0
134 26.3 0.0 54.0



#86
Hexachloroethane
Concen: 18.089 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion: 117 Resp: 74362
Ion Ratio Lower Upper
117 100
201 85.8 44.8 134.3





#87

1,2-Dichlorobenzene

Concen: 19.120 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

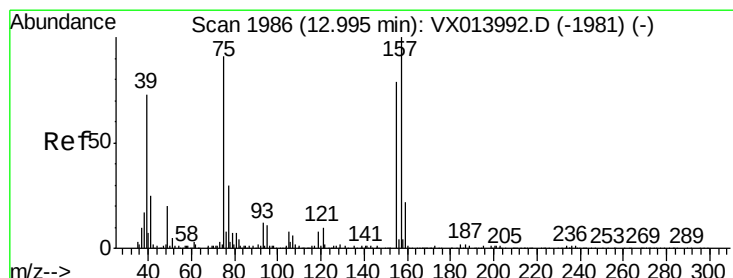
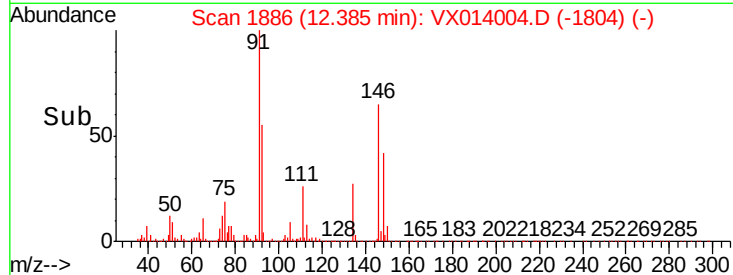
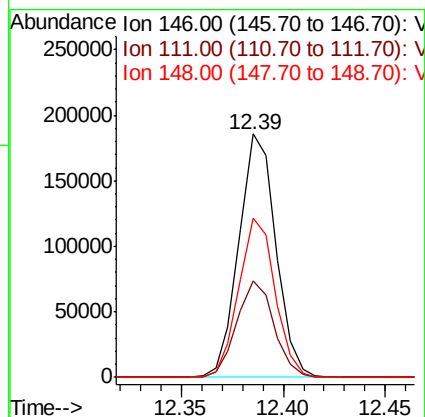
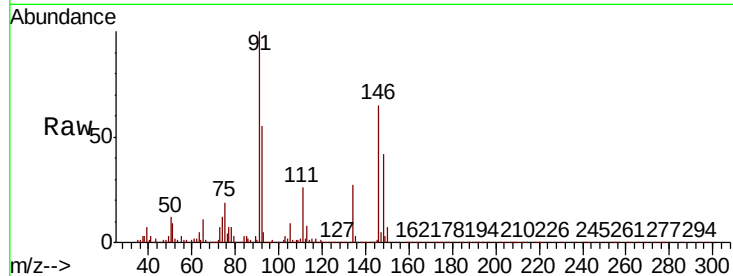
Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:146 Resp: 233308

Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.1	60.2
148	64.5	32.0	96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.261 ug/l

RT: 12.99 min Scan# 1986

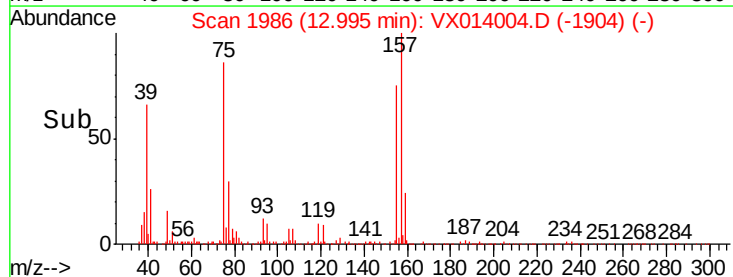
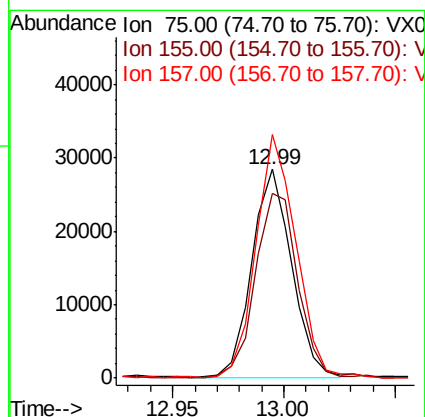
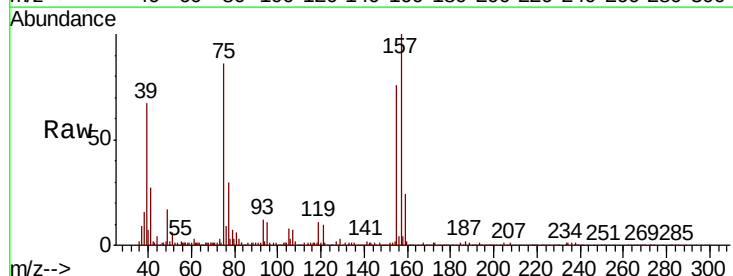
Delta R.T. 0.00 min

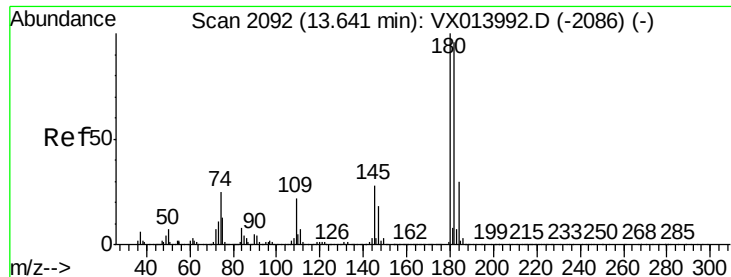
Lab File: VX014004.D

Acq: 13 Dec 2019 05:03

Tgt Ion: 75 Resp: 35152

Ion	Ratio	Lower	Upper
75	100		
155	95.0	73.8	110.6
157	117.2	95.0	142.4

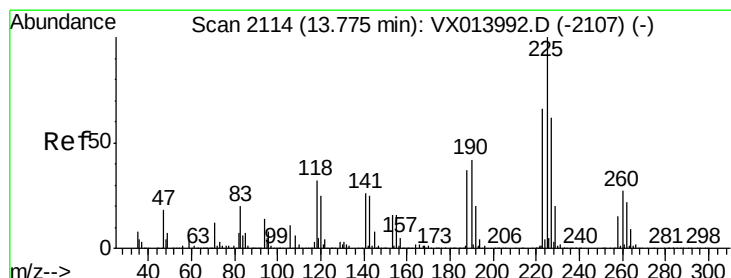
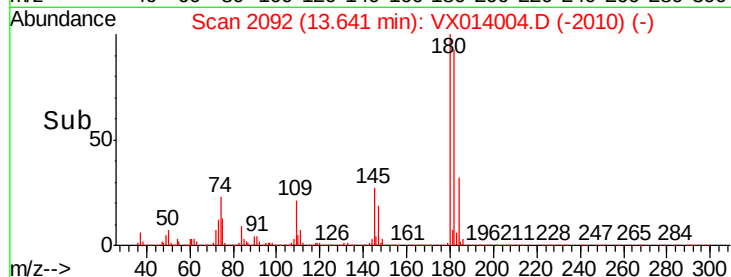
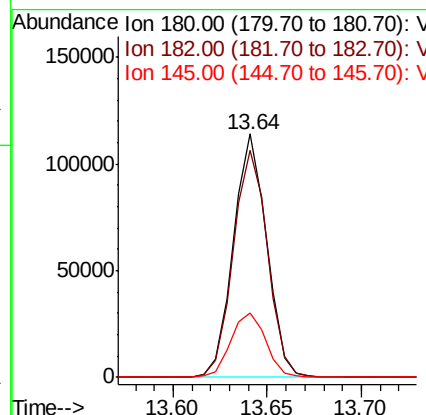
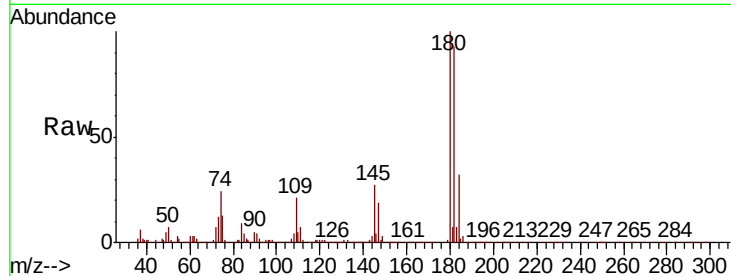




#89
 1,2,4-Trichlorobenzene
 Concen: 17.947 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

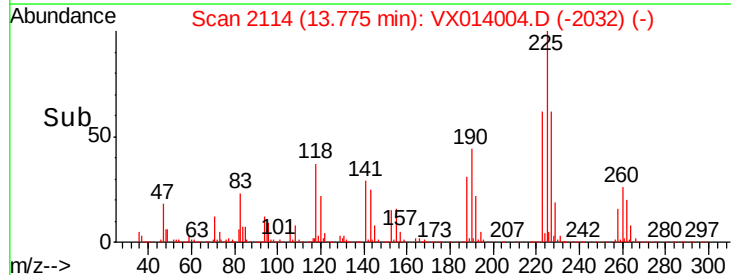
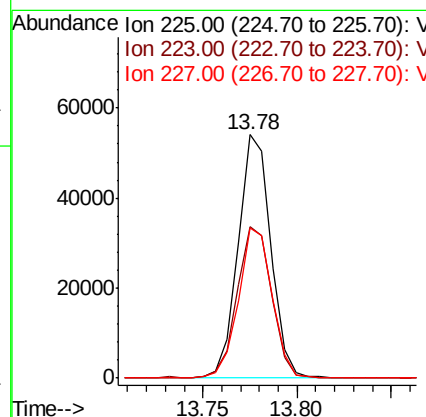
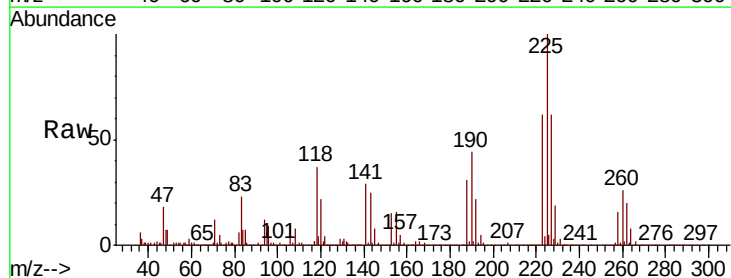
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

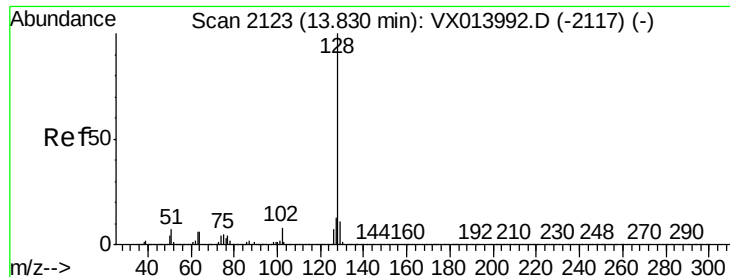
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.4	114.6
145	28.0	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 17.599 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014004.D
 Acq: 13 Dec 2019 05:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	0.0	127.4
227	63.4	0.0	122.8

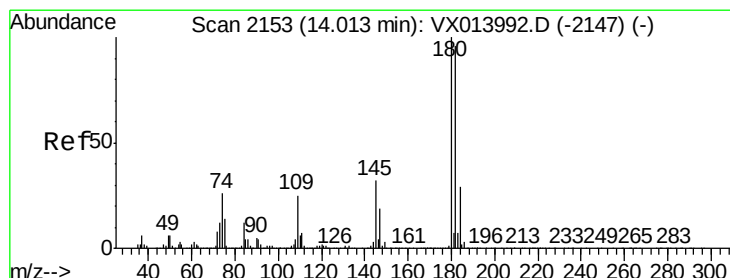
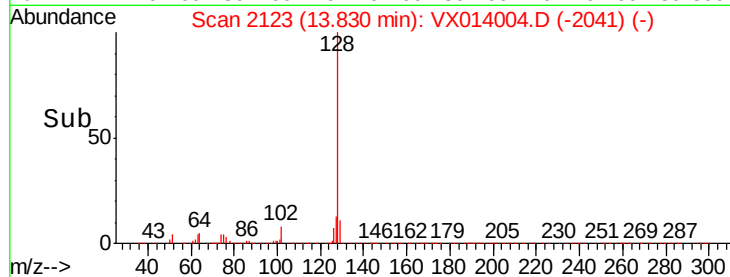
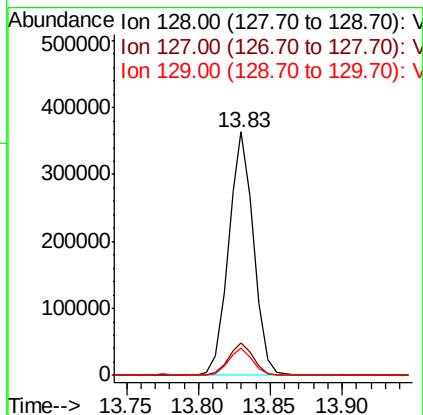
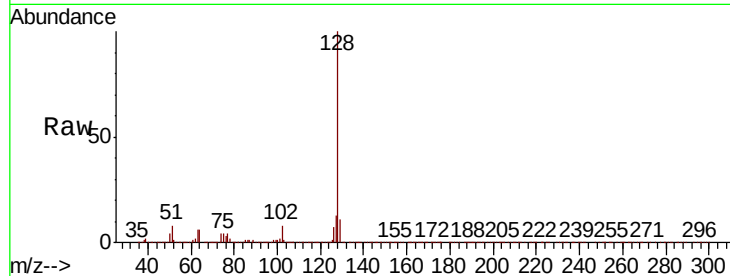




#91
Naphthalene
Concen: 18.778 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:128 Resp: 440152
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.420 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014004.D
Acq: 13 Dec 2019 05:03

Tgt Ion:180 Resp: 145705
Ion Ratio Lower Upper
180 100
182 96.1 0.0 192.8
145 28.9 0.0 60.0

