

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015273.D
 Acq On : 13 Mar 2020 20:59
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Mar 16 08:28:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	47837	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	259662	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	247187	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	95434	29.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.57%
60) 4-Bromofluorobenzene	11.13	95	117285	29.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.37%
63) Toluene-d8	8.71	98	325826	30.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	41323	17.177 ug/l	95
3) Chloromethane	1.32	50	59171	17.035 ug/l	96
4) Vinyl Chloride	1.40	62	58992	16.690 ug/l	98
5) Bromomethane	1.64	94	37353	16.221 ug/l	93
6) Chloroethane	1.72	64	36189	16.301 ug/l	97
7) Trichlorofluoromethane	1.93	101	74724	16.583 ug/l	98
8) Diethyl Ether	2.18	74	31927	15.986 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47320	17.123 ug/l	99
10) 1,1-Dichloroethene	2.37	96	48196	17.299 ug/l	98
11) Methyl Iodide	2.51	142	42587	14.861 ug/l	96
12) Methyl Acetate	2.76	43	65952	19.190 ug/l	99
13) Acrolein	2.29	56	39657	73.067 ug/l	99
14) Acrylonitrile	3.14	53	150438	94.329 ug/l	98
15) Acetone	2.44	58	38269	81.780 ug/l	98
16) Carbon Disulfide	2.56	76	134366	17.222 ug/l	99
17) Allyl chloride	2.72	41	93689	18.126 ug/l	94
18) Methylene Chloride	2.85	84	56986	18.099 ug/l	98
19) trans-1,2-Dichloroethene	3.16	96	54469	18.125 ug/l	95
20) Diisopropyl ether	3.84	45	189294	18.436 ug/l	96
21) 1,1-Dichloroethane	3.69	63	101170	18.596 ug/l	98
22) cis-1,2-Dichloroethene	4.59	96	61751	18.178 ug/l	98
23) tert-Butyl Alcohol	3.04	59	57213	91.757 ug/l	100
24) Methyl tert-Butyl Ether	3.19	73	161345	17.923 ug/l	99
25) Chloroform	5.20	83	96610	18.668 ug/l	98
26) Cyclohexane	5.58	56	90177	17.836 ug/l #	100
29) 1,1-Dichloropropene	5.79	75	75093	18.846 ug/l	98
30) 2-Butanone	4.67	43	199317	93.406 ug/l	99
31) 2,2-Dichloropropane	4.58	77	66315	16.200 ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	80275	18.513 ug/l	99
33) Carbon Tetrachloride	5.78	117	69155	18.636 ug/l	97
34) Benzene	6.14	78	231360	19.161 ug/l	99
35) Methacrylonitrile	5.03	41	45245	19.612 ug/l	98
36) 1,2-Dichloroethane	6.18	62	75631	18.778 ug/l	99
37) Trichloroethene	7.21	130	65476	19.608 ug/l	95
38) Methylcyclohexane	7.46	83	86391	17.844 ug/l	97
39) 1,2-Dichloropropane	7.51	63	61889	19.842 ug/l	93
40) Dibromomethane	7.65	93	38736	19.540 ug/l	100

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Quant Time: Mar 16 08:28:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	73963	18.864	ug/l	95
42) Vinyl Acetate	3.81	43	781286	92.845	ug/l	100
43) Ethyl Acetate	4.83	43	81446	20.117	ug/l	99
44) Isopropyl Acetate	6.43	43	129812	18.956	ug/l	99
45) 1,4-Dioxane	7.75	88	28911	429.848	ug/l	98
46) Methyl methacrylate	7.76	41	64440	19.083	ug/l	95
47) n-amyl Acetate	10.89	43	109647	17.844	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	79884	18.737	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	92574	19.120	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	58215	19.860	ug/l	96
51) Ethyl methacrylate	9.17	69	87520	19.134	ug/l	97
52) 1,3-Dichloropropane	9.37	76	102061	20.572	ug/l	98
53) Dibromochloromethane	9.57	129	60792	19.474	ug/l	94
54) 1,2-Dibromoethane	9.67	107	61432	20.316	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	226182	98.735	ug/l	99
56) Bromoform	10.85	173	45831	18.725	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	413490	98.257	ug/l	99
59) 2-Hexanone	9.48	43	304432	95.712	ug/l	99
61) Tetrachloroethene	9.33	164	66744	19.397	ug/l	96
62) Toluene	8.78	91	249645	19.085	ug/l	100
64) Chlorobenzene	10.14	112	155824	18.644	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	57988	18.836	ug/l	99
66) Ethyl Benzene	10.25	91	271921	18.661	ug/l	99
67) m/p-Xylenes	10.35	106	209157	37.393	ug/l	99
68) o-Xylene	10.70	106	98785	18.420	ug/l	99
69) Styrene	10.71	104	172039	18.433	ug/l	99
70) Isopropylbenzene	11.01	105	265135	18.575	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	87465	18.877	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	97564	25.725	ug/l	85
73) Bromobenzene	11.25	156	72469	18.616	ug/l	98
74) n-propylbenzene	11.35	91	312747	18.546	ug/l	98
75) 2-Chlorotoluene	11.42	91	181516	18.436	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	221036	18.140	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	26255	16.529	ug/l	96
78) 4-Chlorotoluene	11.51	91	211323	18.643	ug/l	98
79) tert-butylbenzene	11.76	119	212389	18.592	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	226443	18.797	ug/l	100
81) sec-Butylbenzene	11.94	105	262791	18.536	ug/l	100
82) p-Isopropyltoluene	12.06	119	239392	18.362	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	130227	18.933	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	131038	19.046	ug/l	99
85) n-Butylbenzene	12.38	91	208484	18.247	ug/l	99
86) Hexachloroethane	12.59	117	41714	18.277	ug/l	92
87) 1,2-Dichlorobenzene	12.38	146	128787	19.203	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	17280	18.114	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	90952	18.348	ug/l	100
90) Hexachlorobutadiene	13.77	225	44651	17.508	ug/l	99
91) Naphthalene	13.83	128	256155	18.653	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	93295	18.700	ug/l	97

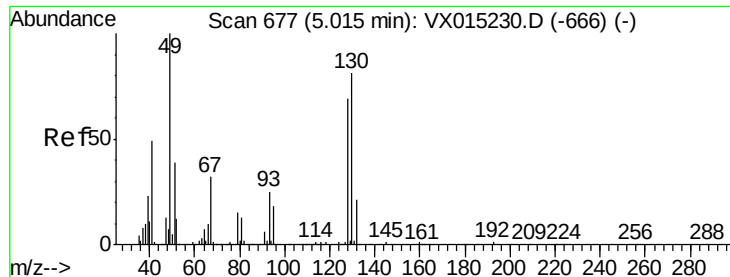
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

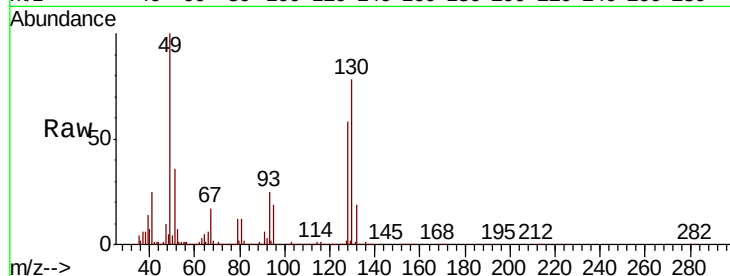


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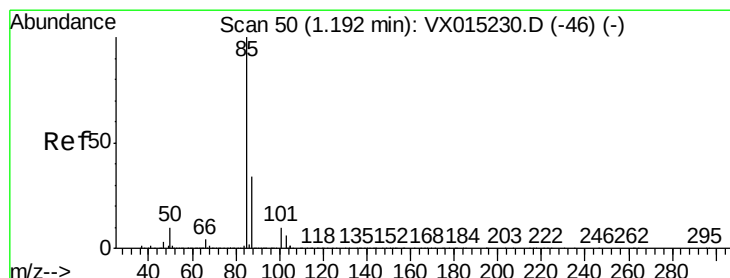
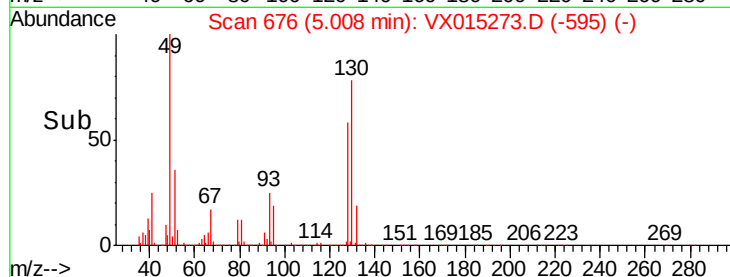
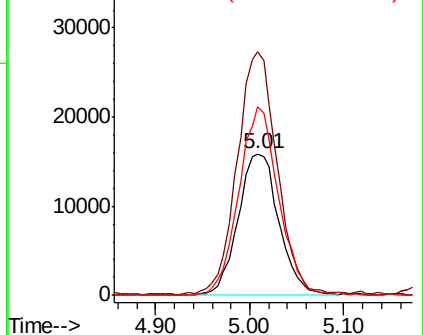
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	166.1	0.0	406.8
130	130.6	0.0	319.3



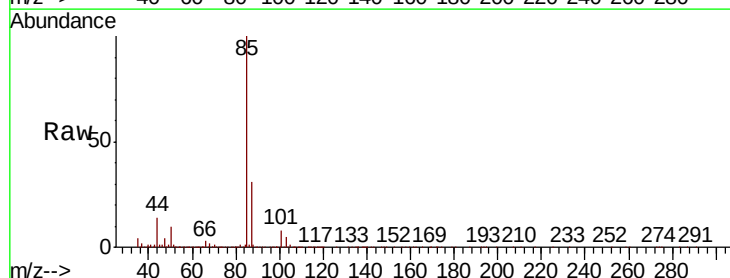
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VX0
 Ion 130.00 (129.70 to 130.70): V



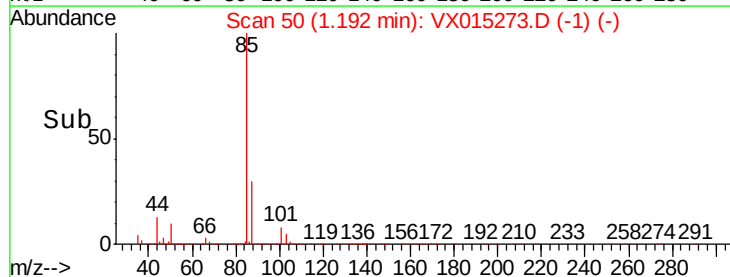
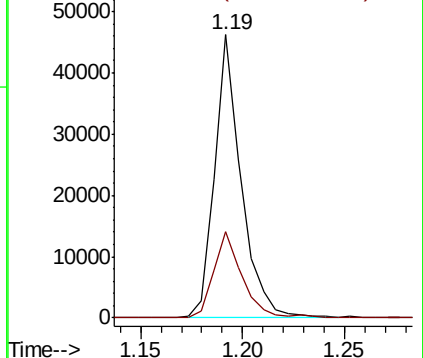
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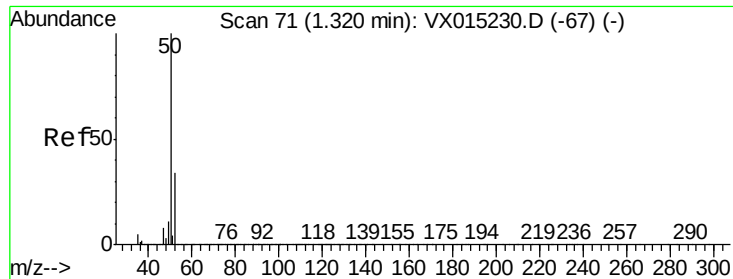
Dichlorodifluoromethane
 Concen: 17.177 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.3	16.7	50.1



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

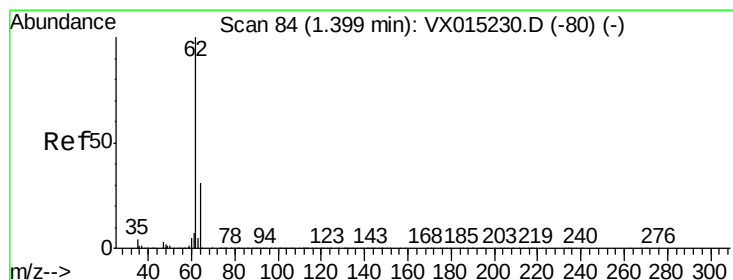
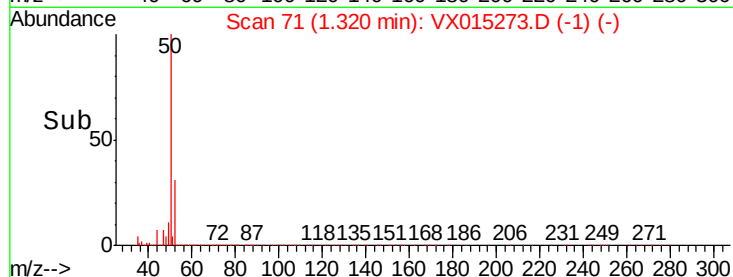
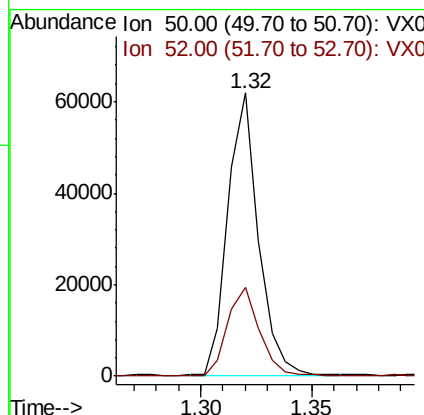
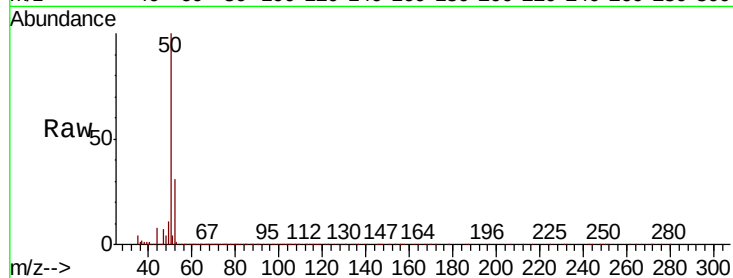




#3
Chloromethane
Concen: 17.035 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

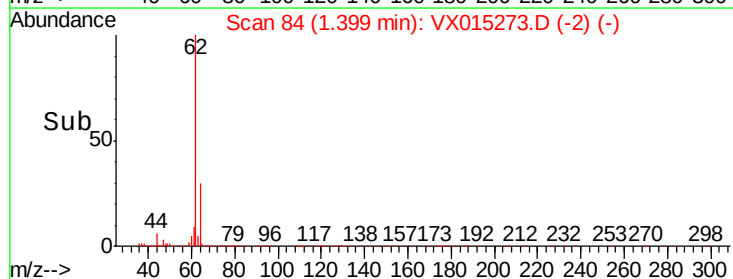
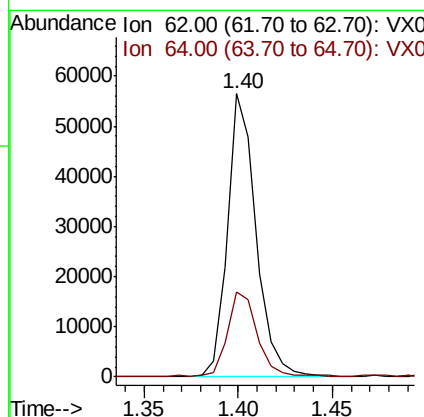
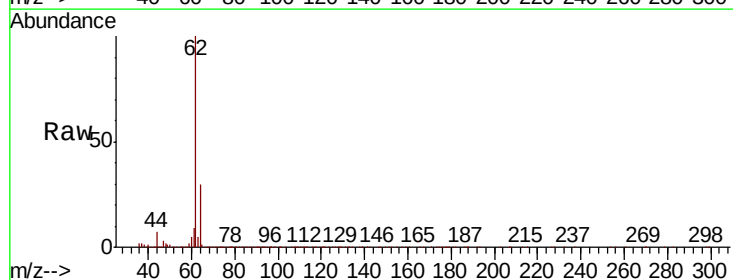
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

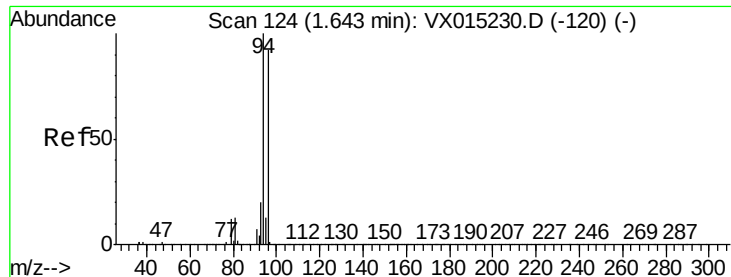
Tot Ion: 50 Resp: 59171
Ion Ratio Lower Upper
50 100
52 31.4 26.9 40.3



#4
Vinyl Chloride
Concen: 16.690 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion: 62 Resp: 58992
Ion Ratio Lower Upper
62 100
64 30.0 24.9 37.3





#5

Bromomethane

Concen: 16.221 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

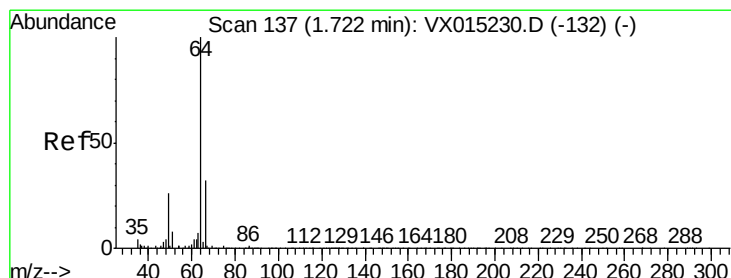
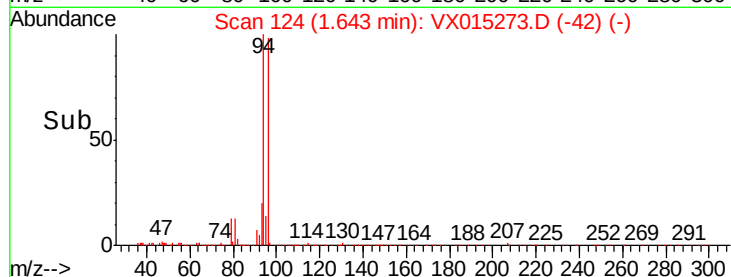
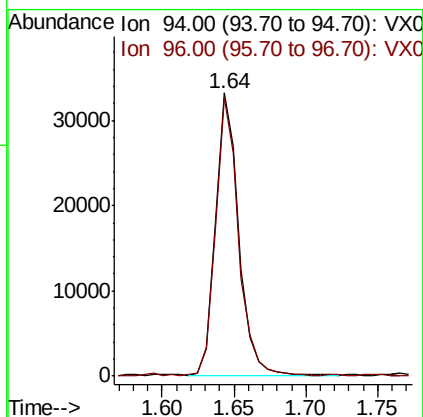
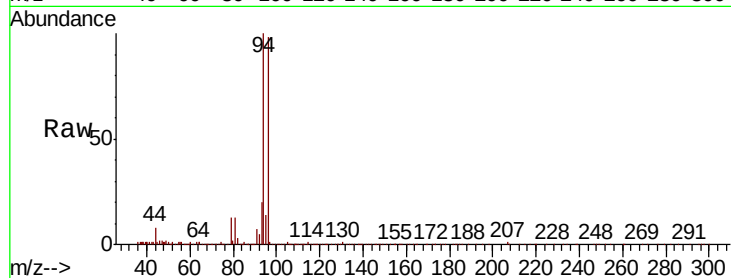
VSTDCCC020

Tot Ion: 94 Resp: 37353

Ion Ratio Lower Upper

94 100

96 97.9 73.0 109.4



#6

Chloroethane

Concen: 16.301 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015273.D

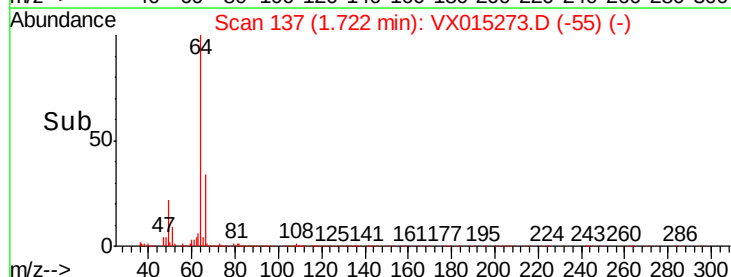
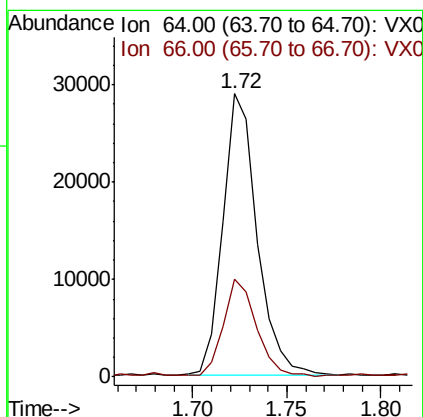
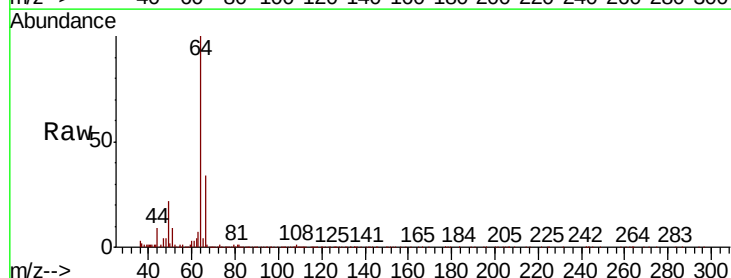
Acq: 13 Mar 2020 20:59

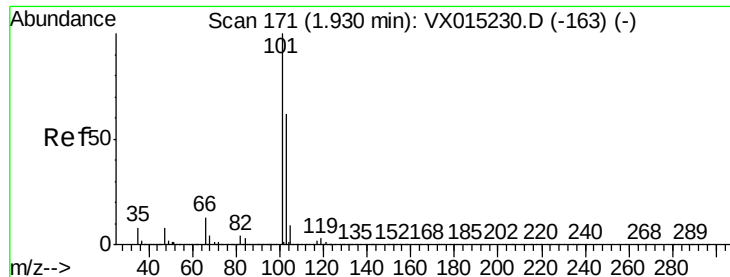
Tgt Ion: 64 Resp: 36189

Ion Ratio Lower Upper

64 100

66 34.1 25.9 38.9



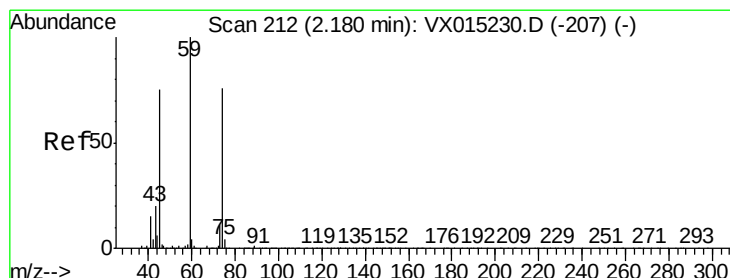
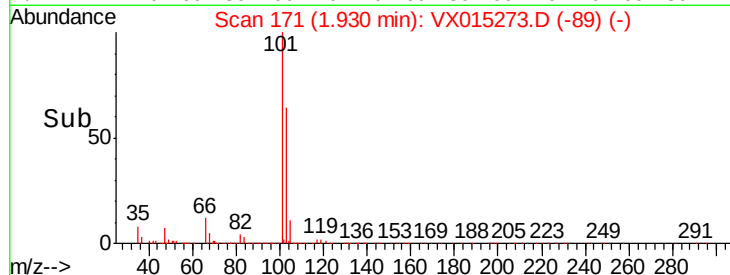
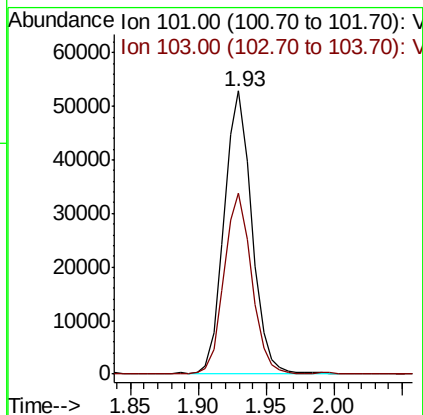
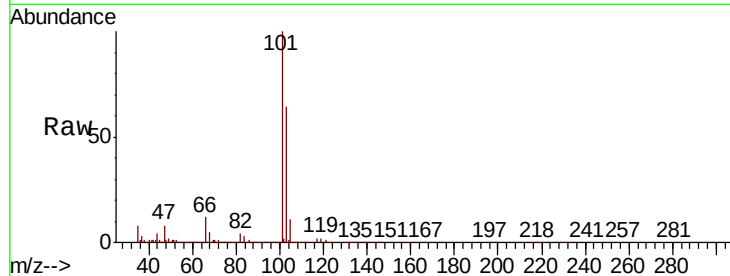


#7

Trichlorofluoromethane
Concen: 16.583 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

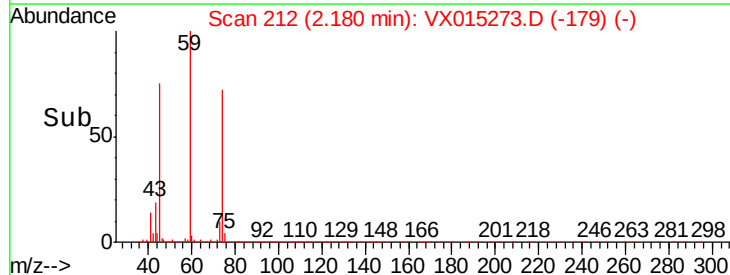
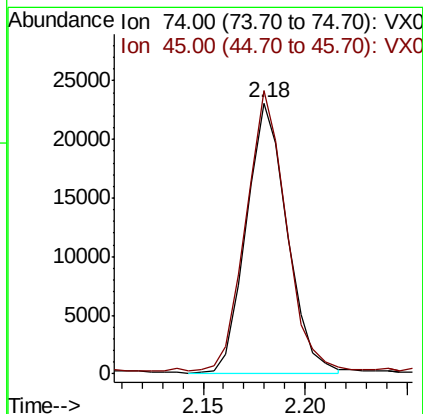
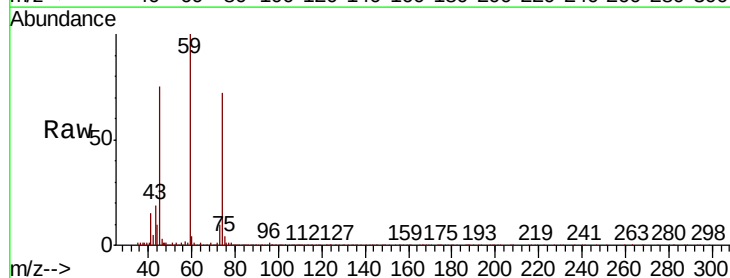
Tot Ion:101 Resp: 74724
Ion Ratio Lower Upper
101 100
103 64.0 49.9 74.9

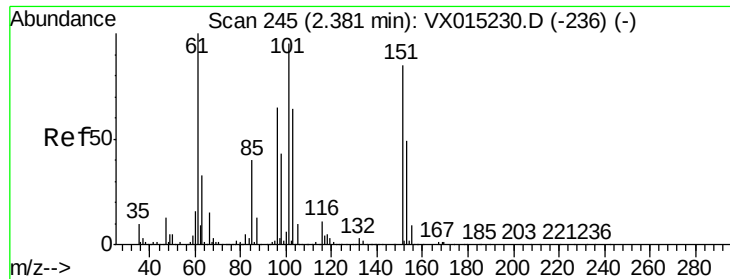


#8

Diethyl Ether
Concen: 15.986 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion: 74 Resp: 31927
Ion Ratio Lower Upper
74 100
45 103.8 20.3 182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.123 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

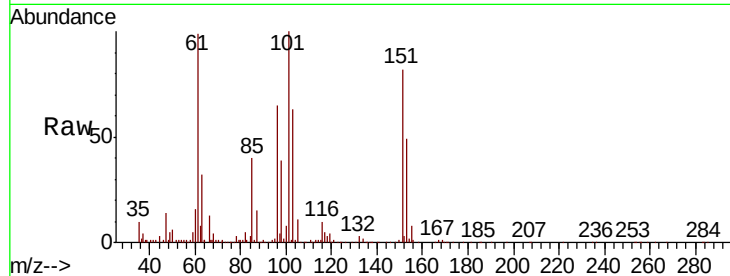
Tot Ion:101 Resp: 47320

Ion Ratio Lower Upper

101 100

85 41.9 0.0 82.0

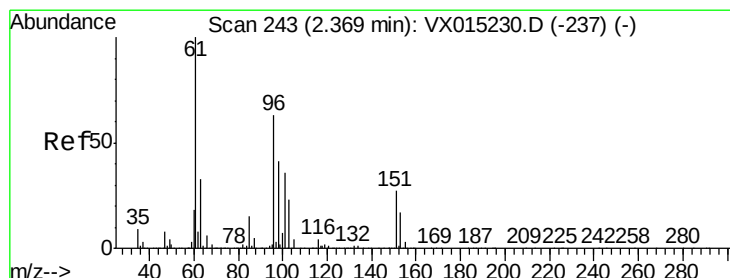
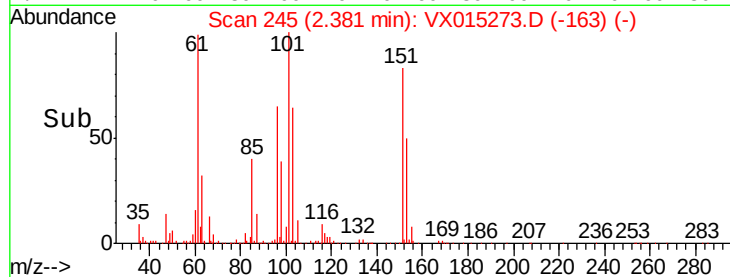
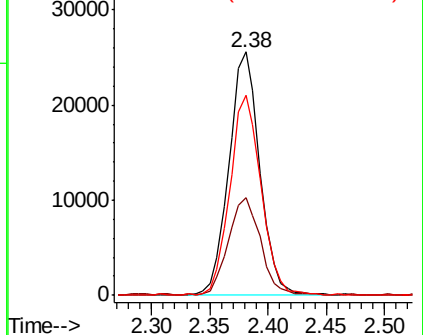
151 81.5 0.0 165.0



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: 17.299 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

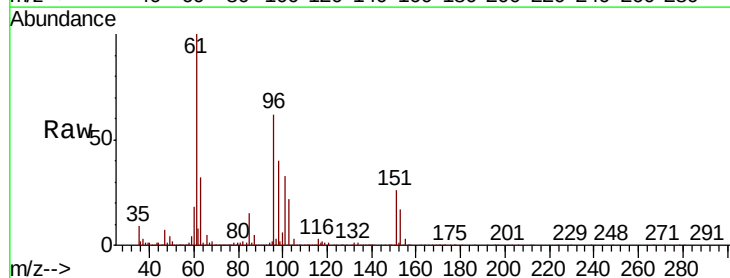
Tgt Ion: 96 Resp: 48196

Ion Ratio Lower Upper

96 100

61 160.2 126.2 189.2

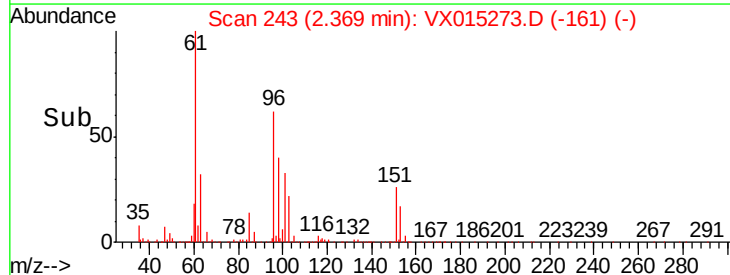
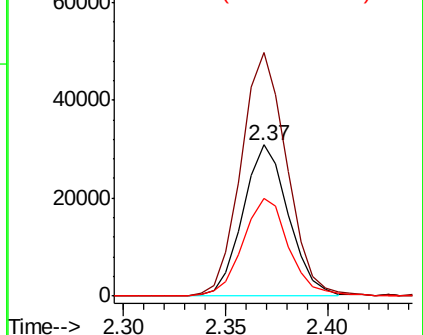
98 64.2 52.1 78.1

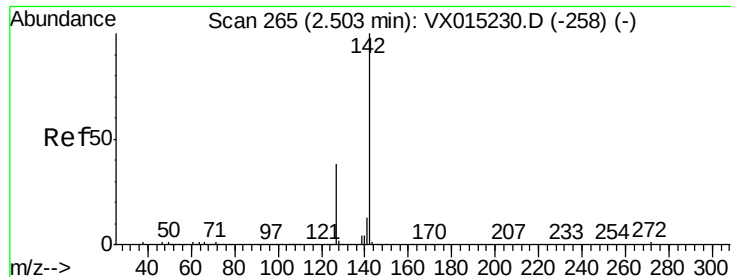


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

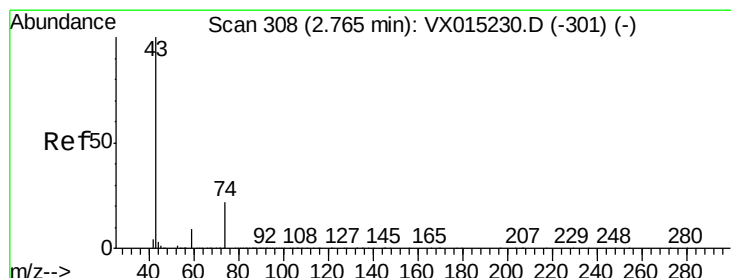
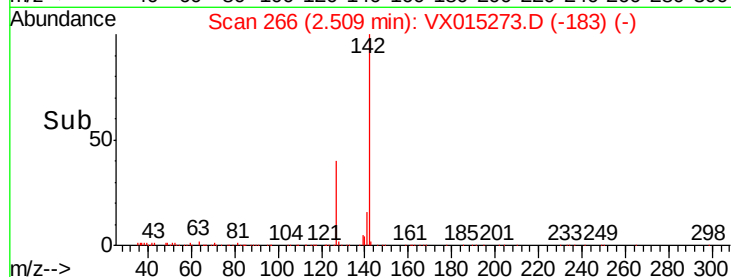
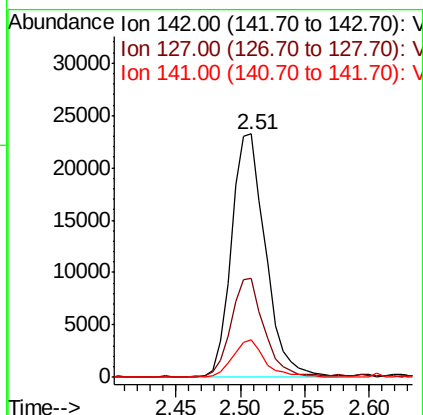
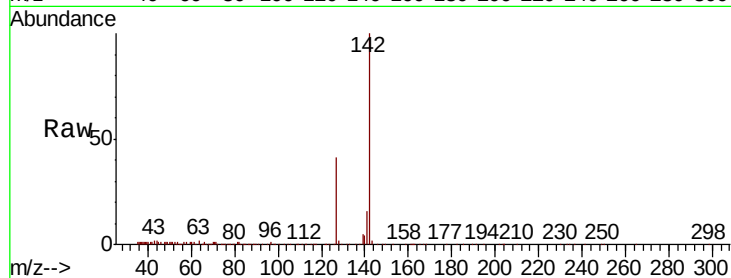




#11
Methvl Iodide
Concen: 14.861 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

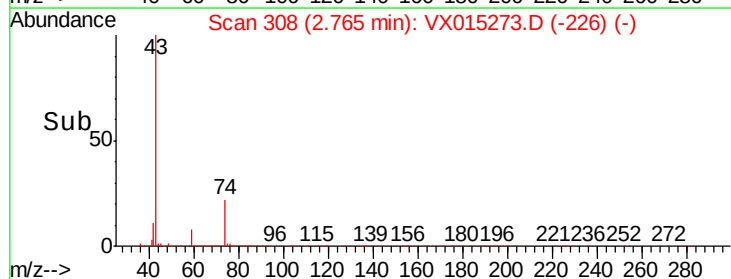
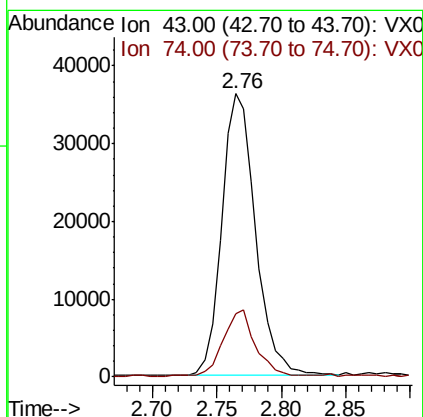
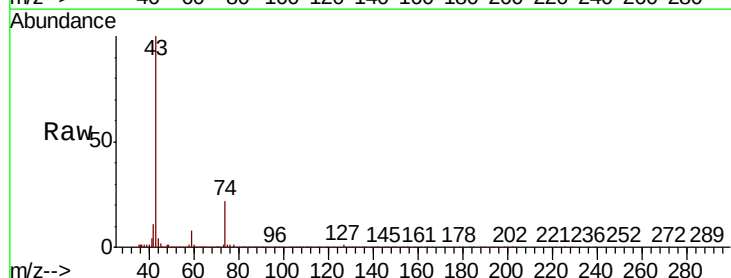
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

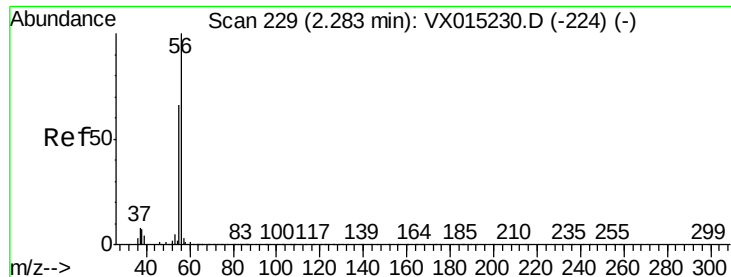
Tot Ion:142 Resp: 42587
Ion Ratio Lower Upper
142 100
127 39.9 18.9 56.9
141 15.5 6.6 19.7



#12
Methyl Acetate
Concen: 19.190 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion: 43 Resp: 65952
Ion Ratio Lower Upper
43 100
74 22.1 18.0 27.0





#13

Acrolein

Concen: 73.067 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

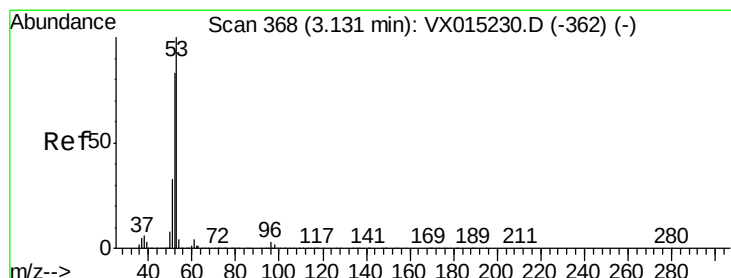
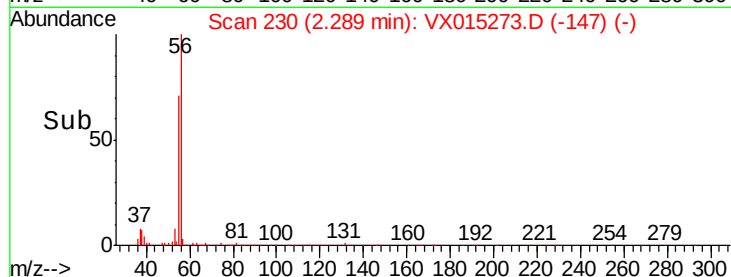
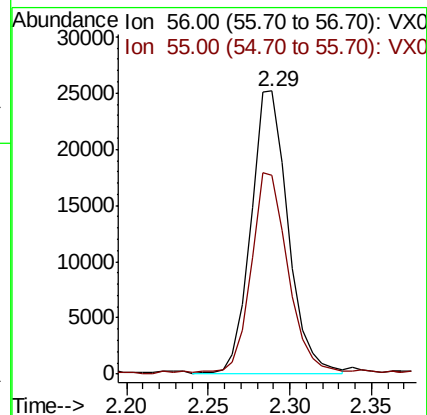
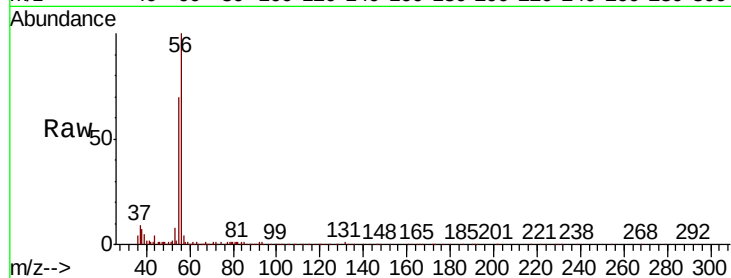
VSTDCCC020

Tot Ion: 56 Resp: 39657

Ion Ratio Lower Upper

56 100

55 69.8 55.1 82.7



#14

Acrylonitrile

Concen: 94.329 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

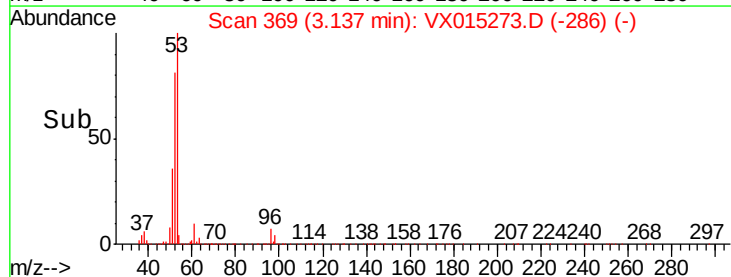
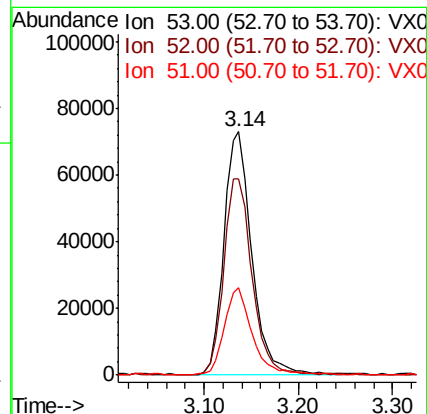
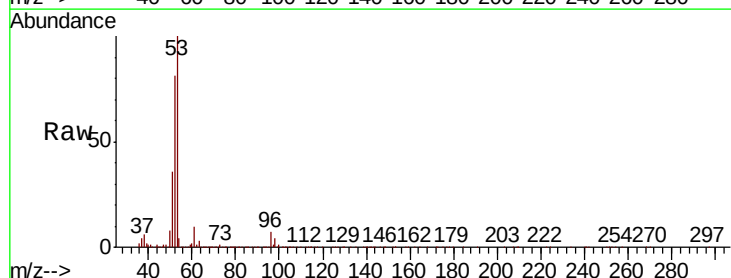
Tgt Ion: 53 Resp: 150438

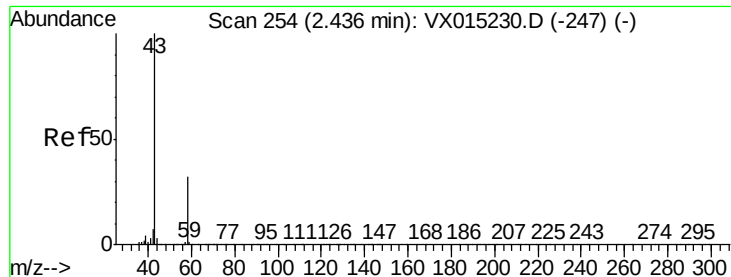
Ion Ratio Lower Upper

53 100

52 80.5 41.5 124.5

51 35.2 17.7 53.1





#15

Acetone

Concen: 81.780 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

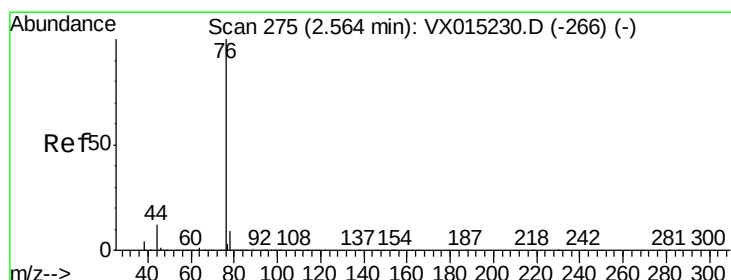
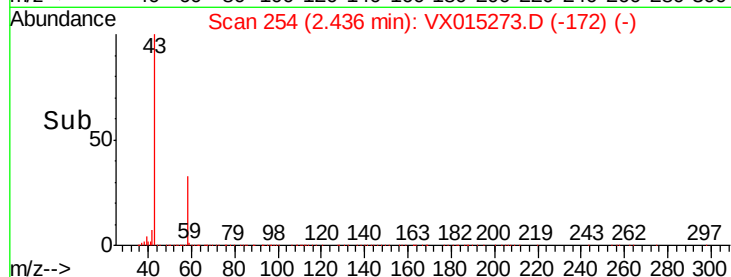
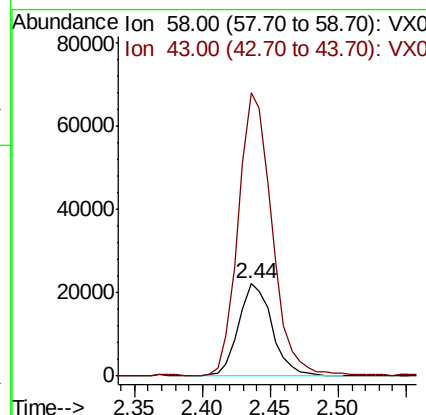
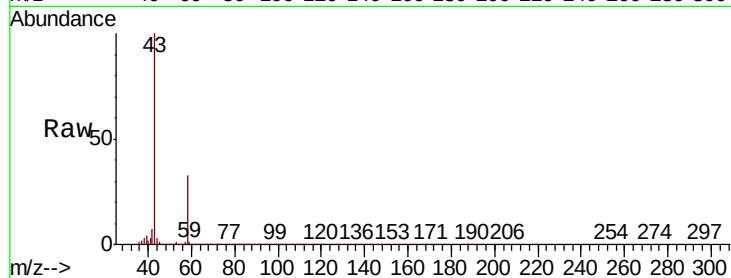
VSTDCCC020

Tot Ion: 58 Resp: 38269

Ion Ratio Lower Upper

58 100

43 307.3 248.7 373.1



#16

Carbon Disulfide

Concen: 17.222 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015273.D

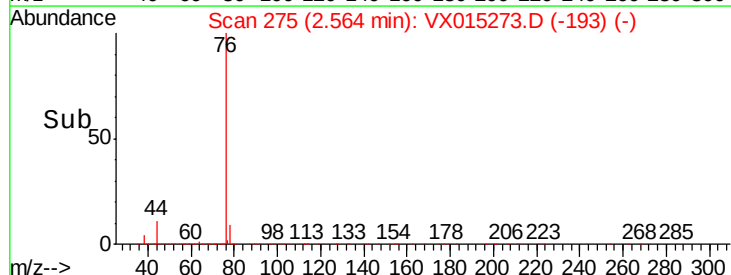
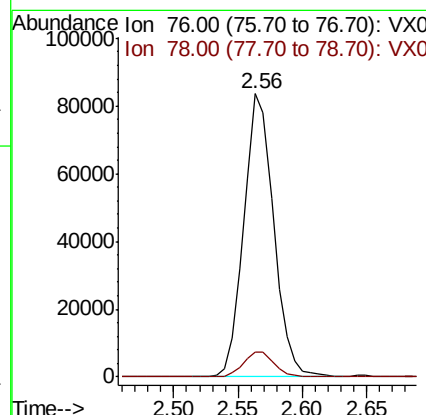
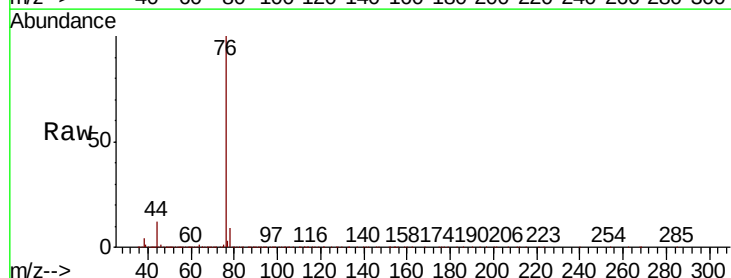
Acq: 13 Mar 2020 20:59

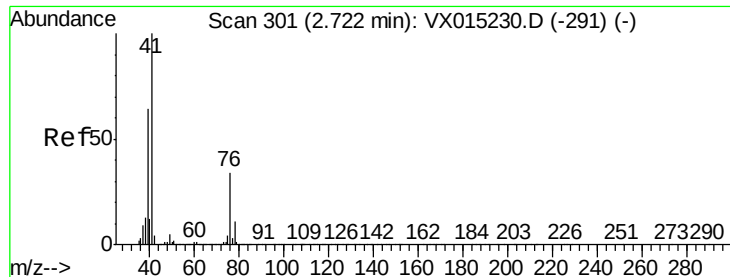
Tgt Ion: 76 Resp: 134366

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9





#17

Allvl chloride

Concen: 18.126 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

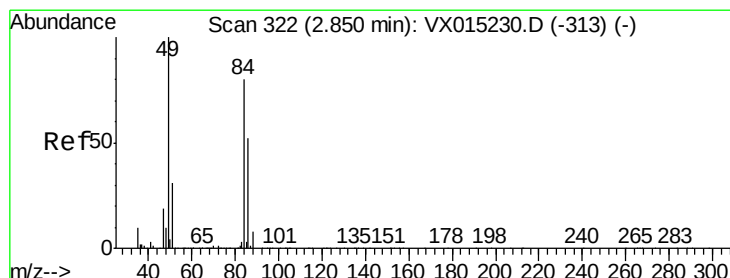
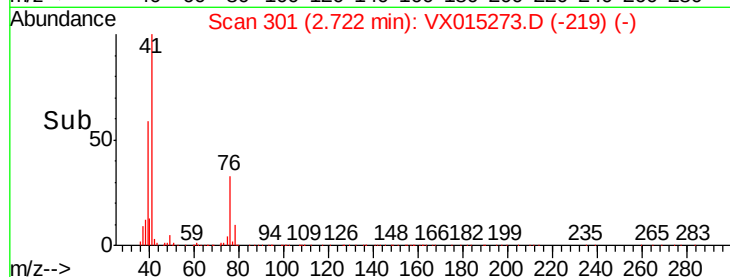
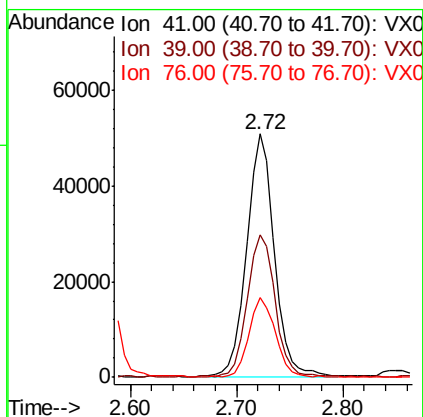
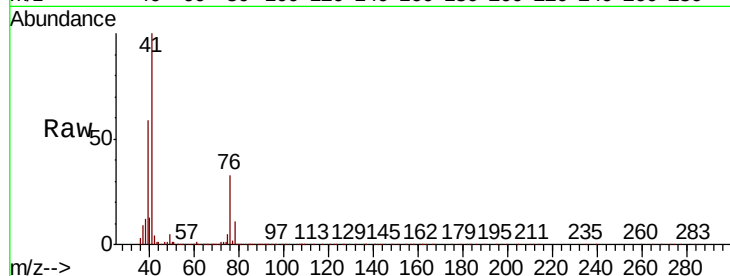
MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 41 Resp: 93689

Ion	Ratio	Lower	Upper
41	100		
39	58.5	32.1	96.5
76	32.5	17.2	51.5



#18

Methylene Chloride

Concen: 18.099 ug/l

RT: 2.85 min Scan# 322

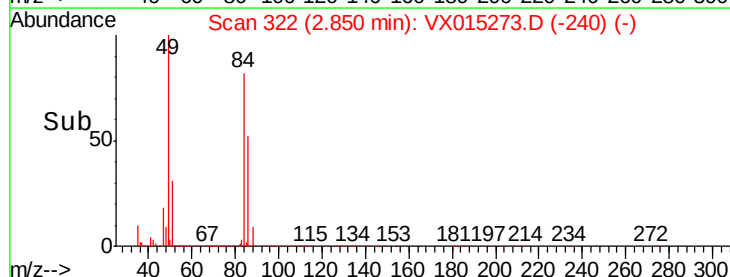
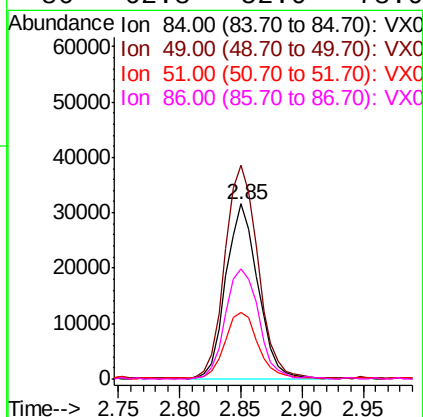
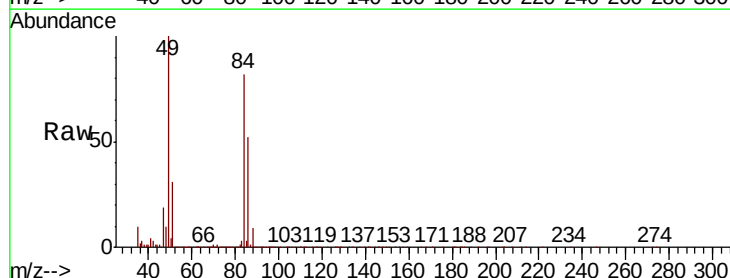
Delta R.T. -0.00 min

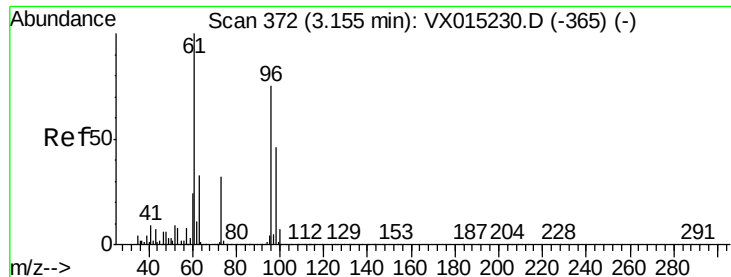
Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Tgt Ion: 84 Resp: 56986

Ion	Ratio	Lower	Upper
84	100		
49	121.9	99.5	149.3
51	38.0	31.0	46.6
86	62.8	52.0	78.0





#19

trans-1,2-Dichloroethene

Concen: 18.125 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

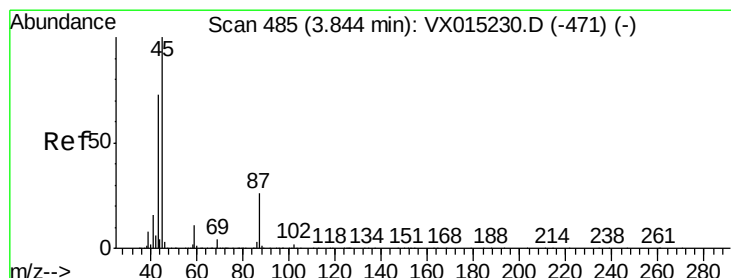
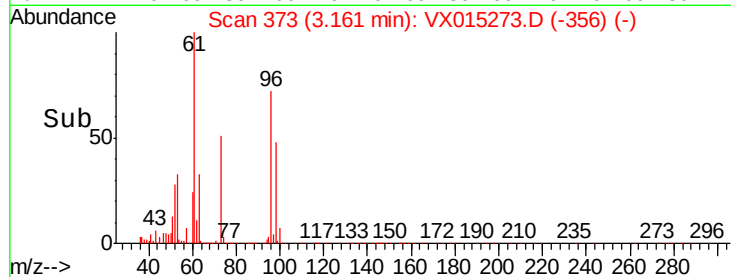
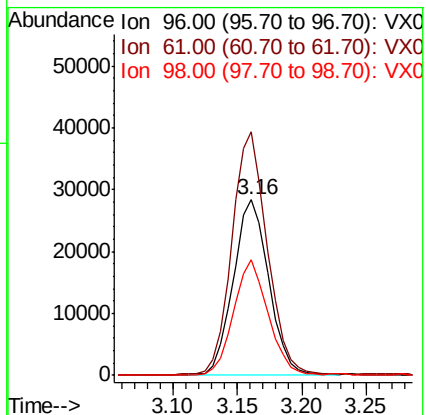
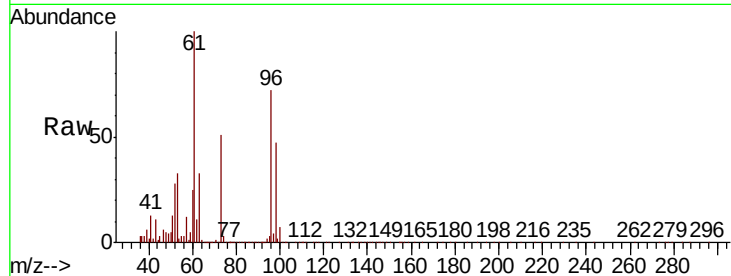
Tot Ion: 96 Resp: 54469

Ion Ratio Lower Upper

96 100

61 138.6 106.3 159.5

98 65.7 49.1 73.7



#20

Diisopropyl ether

Concen: 18.436 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Tgt Ion: 45 Resp: 189294

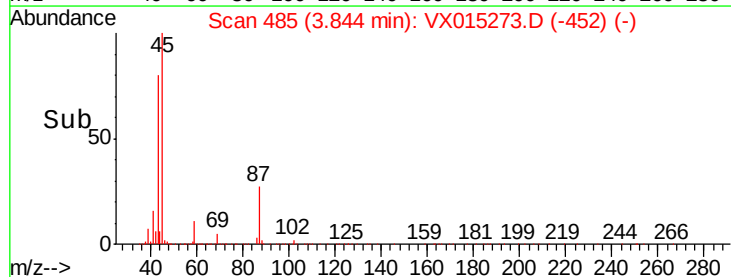
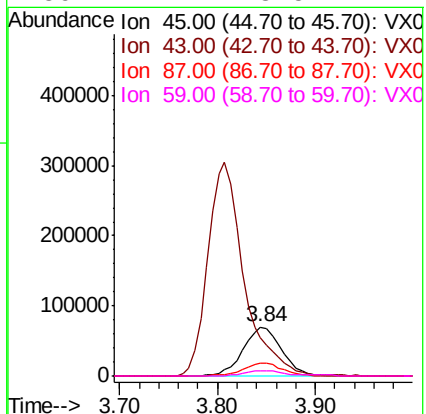
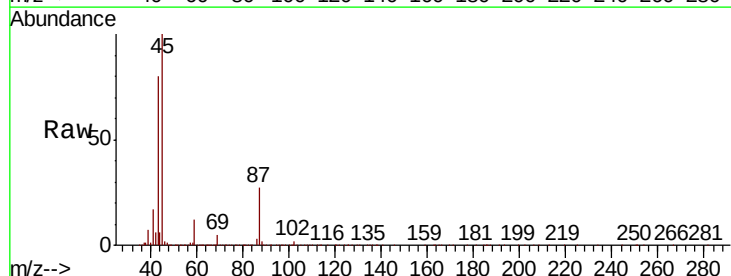
Ion Ratio Lower Upper

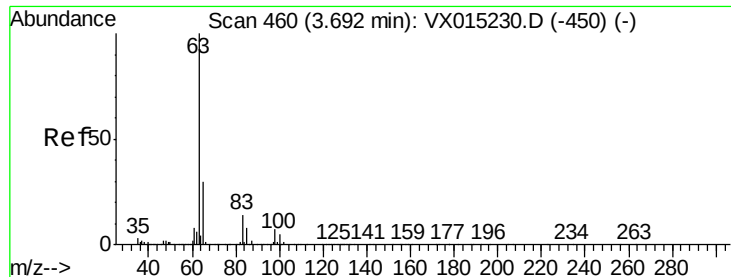
45 100

43 77.9 58.6 87.8

87 26.5 21.0 31.4

59 11.4 8.5 12.7





#21

1,1-Dichloroethane

Concen: 18.596 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

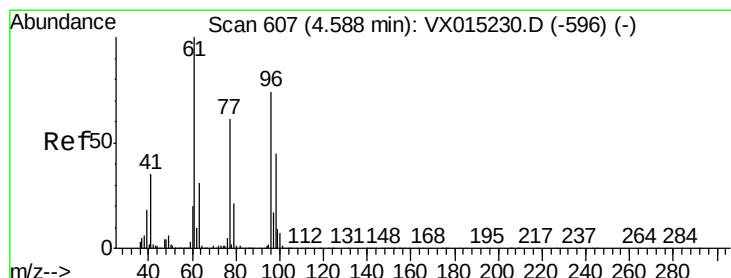
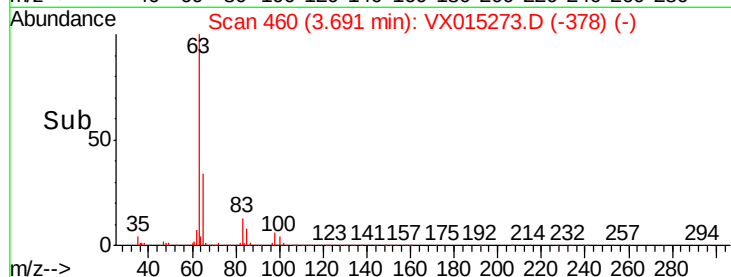
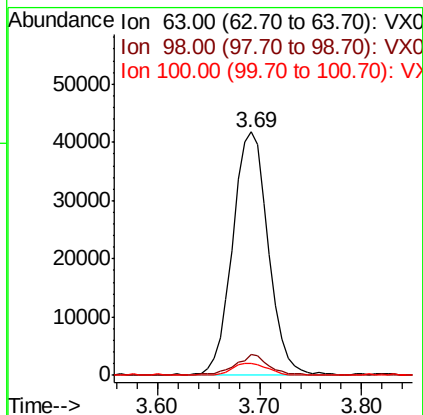
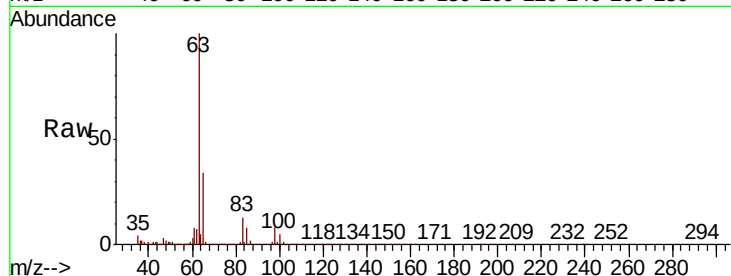
Tot Ion: 63 Resp: 101170

Ion Ratio Lower Upper

63 100

98 8.2 3.5 10.6

100 4.8 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 18.178 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

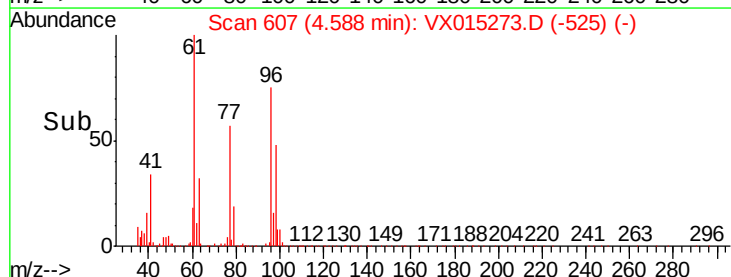
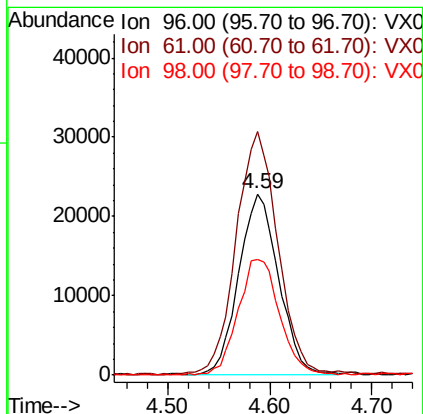
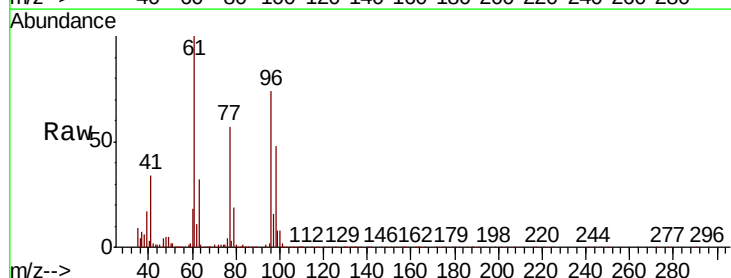
Tgt Ion: 96 Resp: 61751

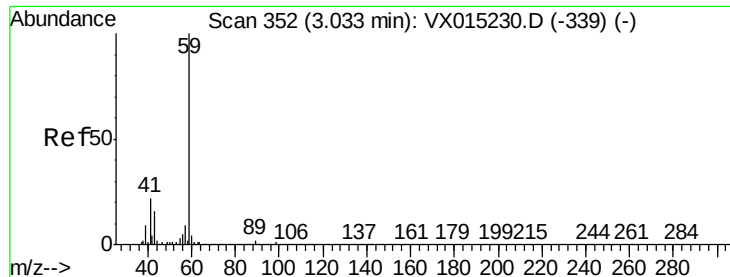
Ion Ratio Lower Upper

96 100

61 139.6 111.4 167.0

98 67.1 50.1 75.1





#23

tert-Butyl Alcohol

Concen: 91.757 ug/l

RT: 3.04 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

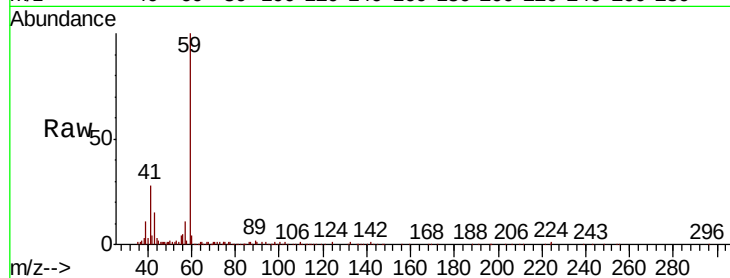
VSTDCCC020

Tot Ion: 59 Resp: 57213

Ion Ratio Lower Upper

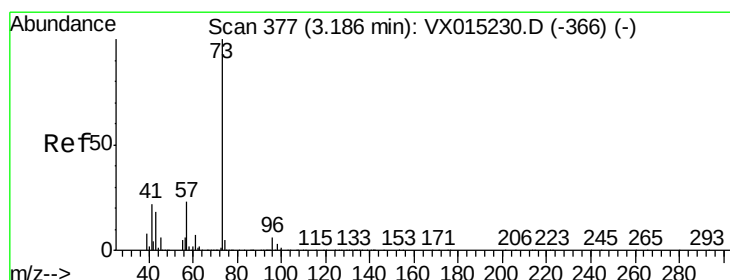
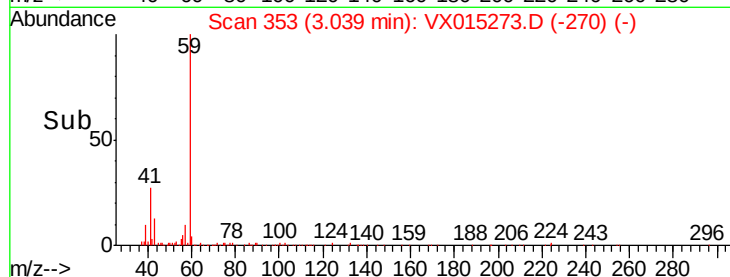
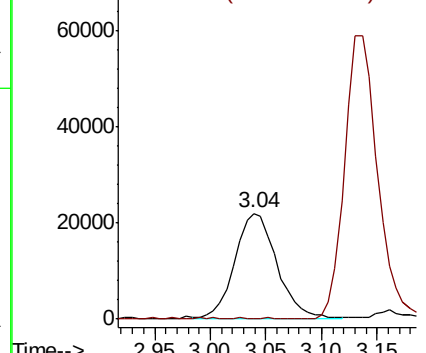
59 100

52 0.5 0.4 0.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 17.923 ug/l

RT: 3.19 min Scan# 377

Delta R.T. -0.00 min

Lab File: VX015273.D

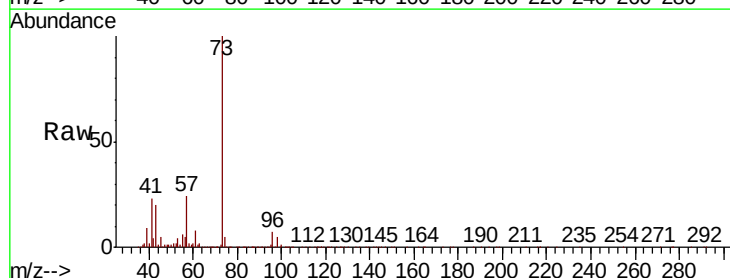
Acq: 13 Mar 2020 20:59

Tgt Ion: 73 Resp: 161345

Ion Ratio Lower Upper

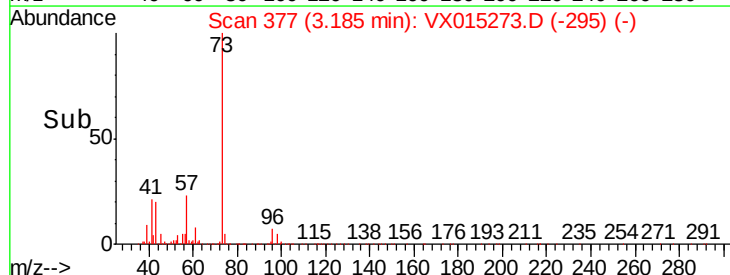
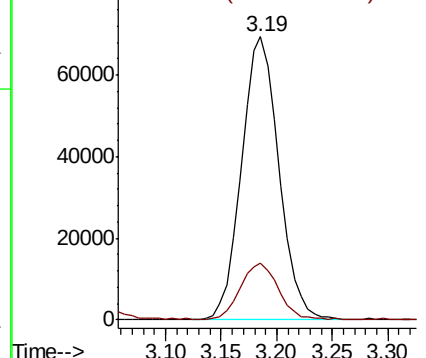
73 100

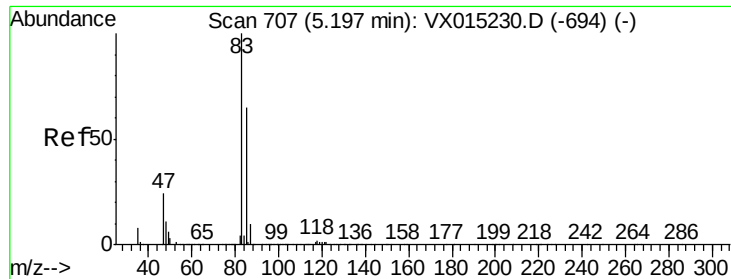
43 20.3 15.9 23.9



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

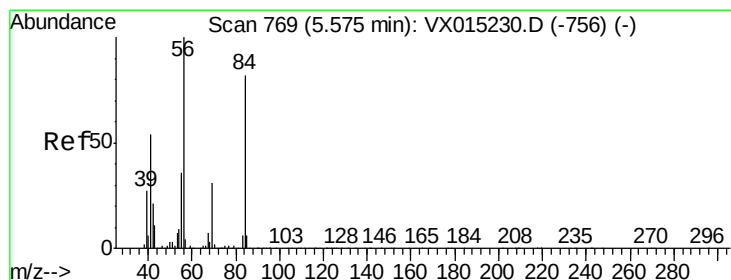
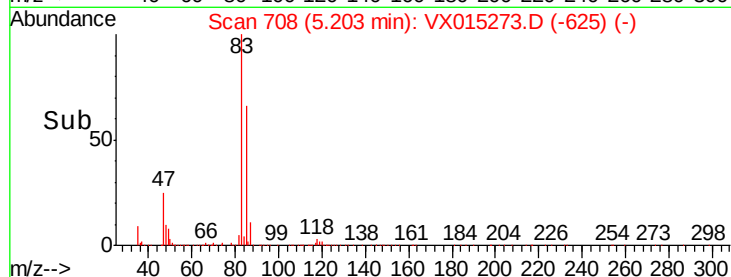
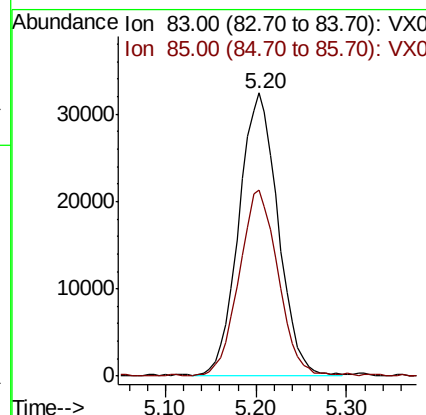
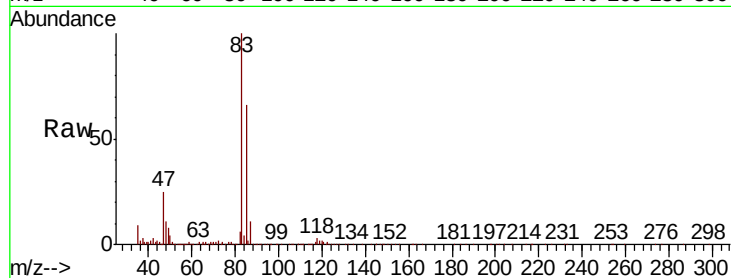




#25
Chloroform
Concen: 18.668 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

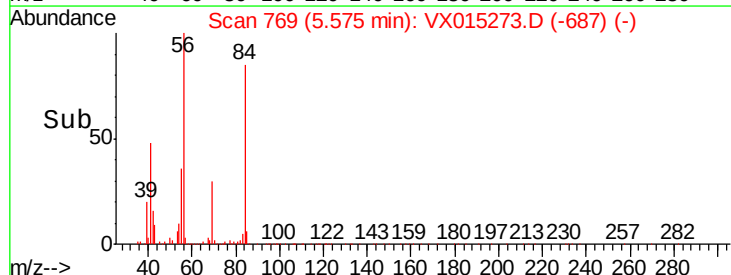
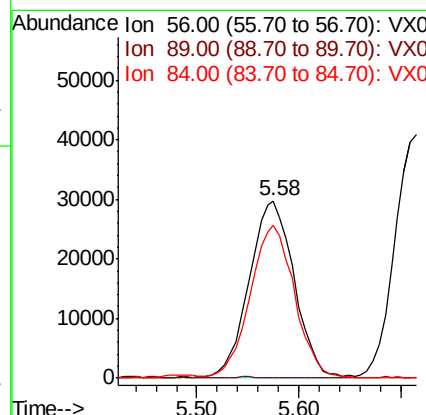
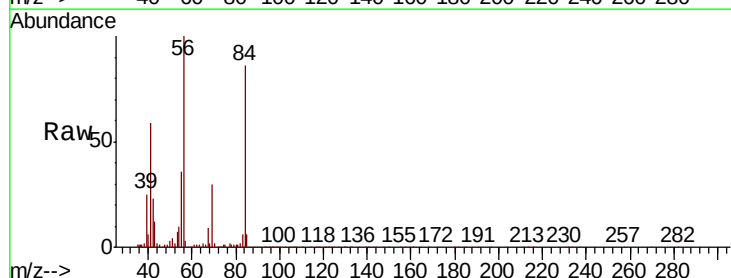
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

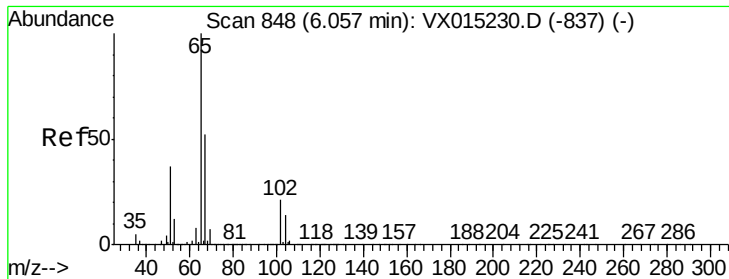
Tot Ion: 83 Resp: 96610
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.2



#26
Cyclohexane
Concen: 17.836 ug/l
RT: 5.58 min Scan# 769
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion: 56 Resp: 90177
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 85.3 68.2 102.4

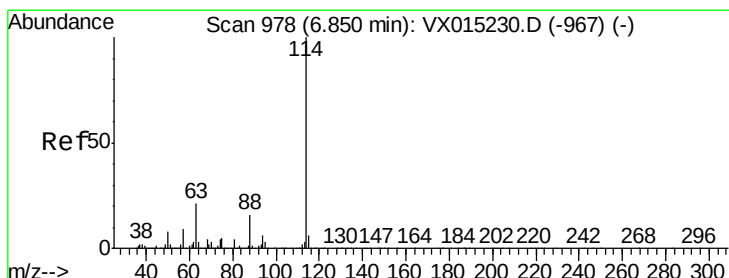
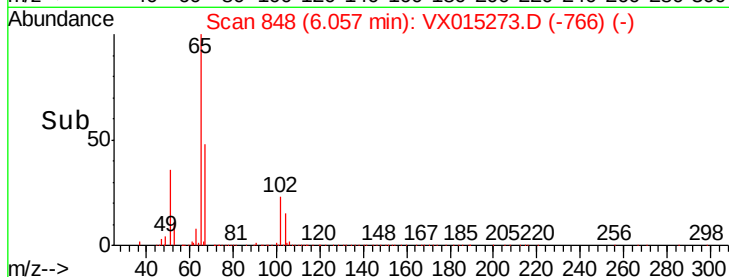
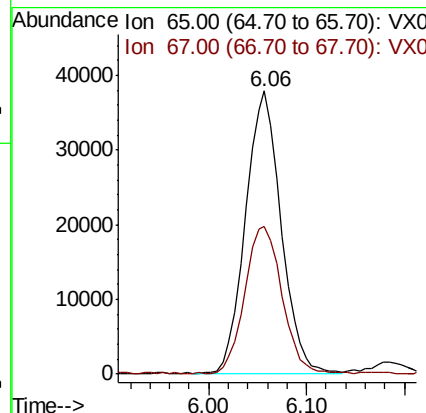
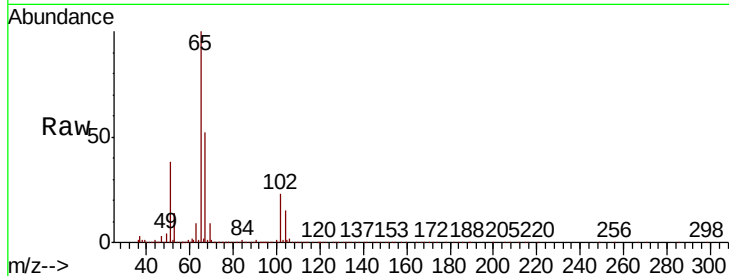




#27
 1,2-Dichloroethane-d4
 Concen: 29.573 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

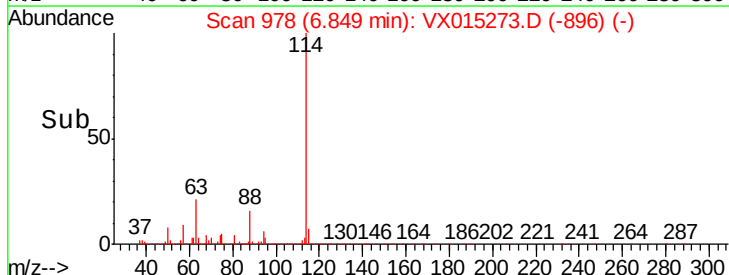
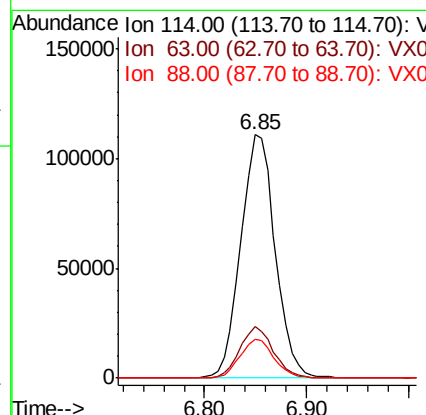
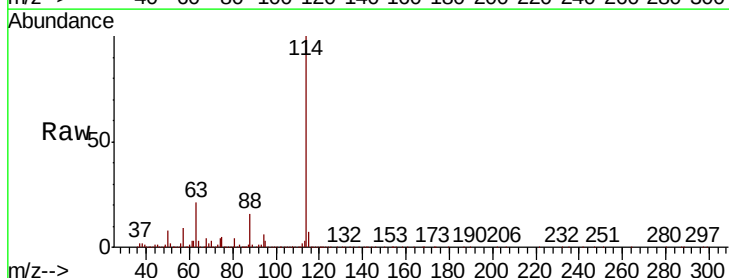
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

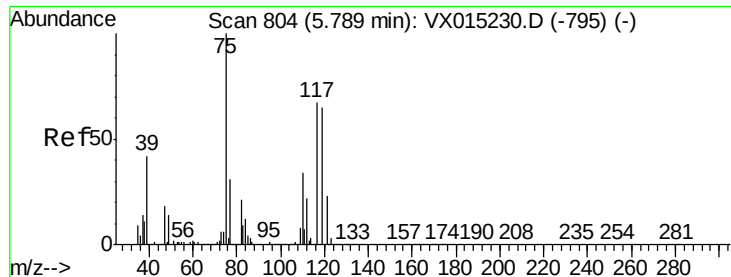
Tot Ion: 65 Resp: 95434
 Ion Ratio Lower Upper
 65 100
 67 53.9 43.5 65.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion: 114 Resp: 259662
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.6 24.8
 88 15.8 12.6 19.0





#29

1,1-Dichloropropene

Concen: 18.846 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

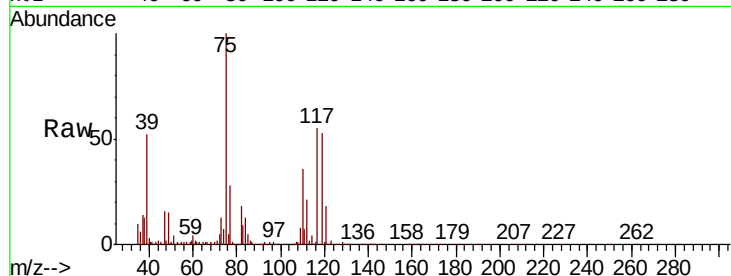
Tot Ion: 75 Resp: 75093

Ion Ratio Lower Upper

75 100

110 36.8 0.0 73.6

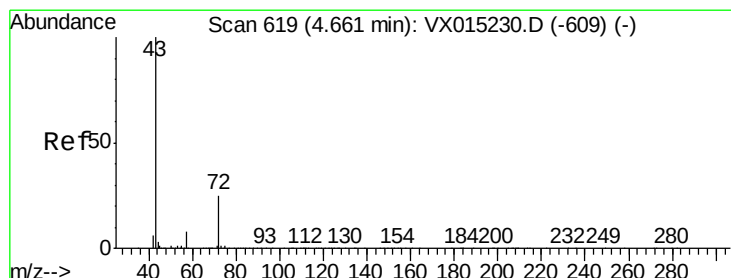
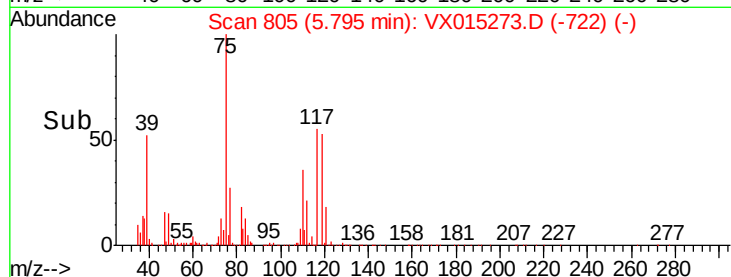
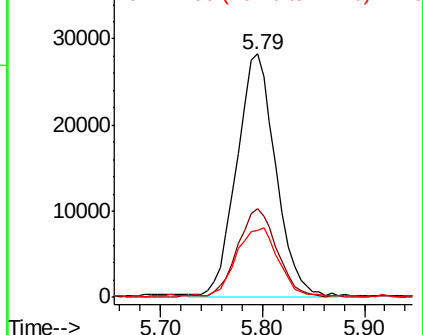
77 29.8 0.0 63.4



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: 93.406 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

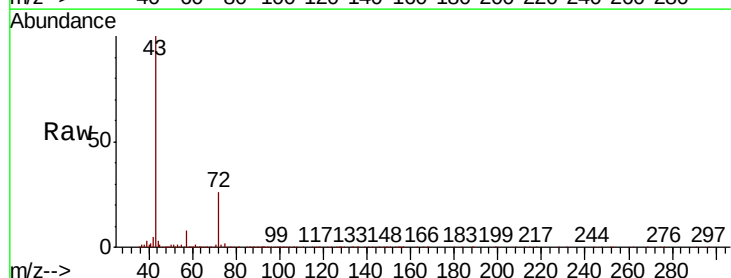
Tgt Ion: 43 Resp: 199317

Ion Ratio Lower Upper

43 100

57 7.9 6.4 9.6

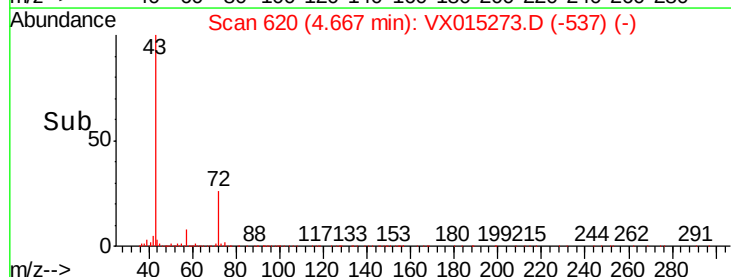
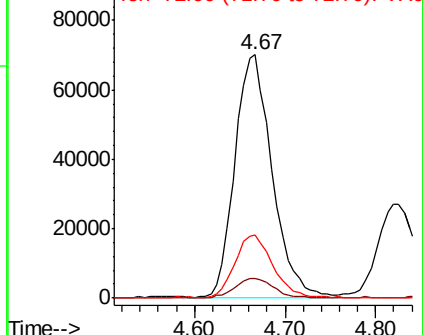
72 25.7 19.9 29.9

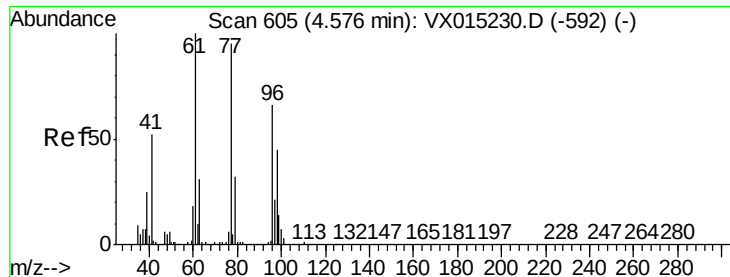


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

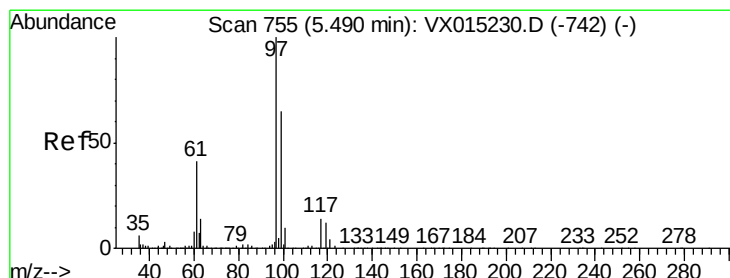
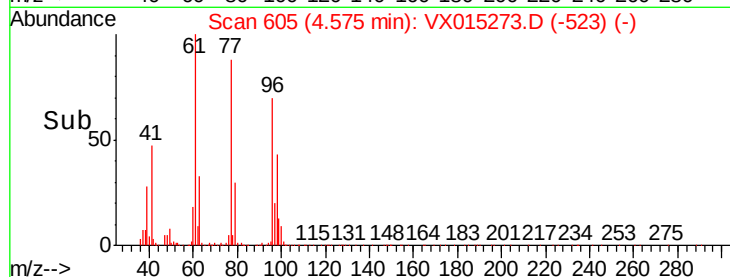
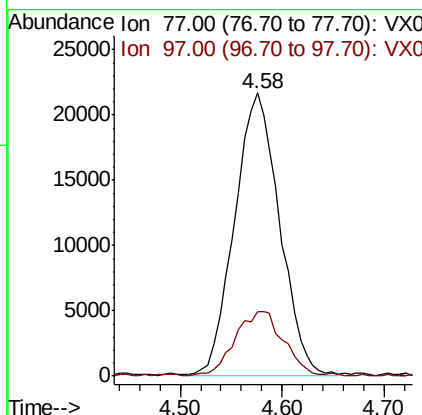
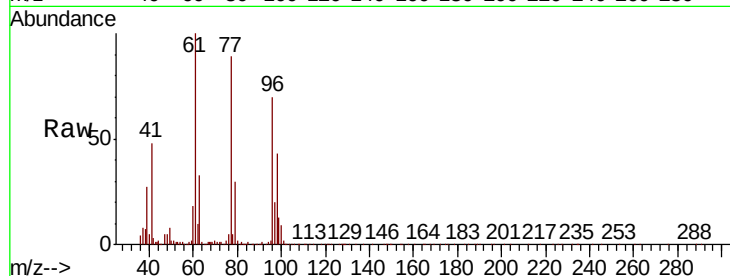




#31
 2,2-Dichloropropane
 Concen: 16.200 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

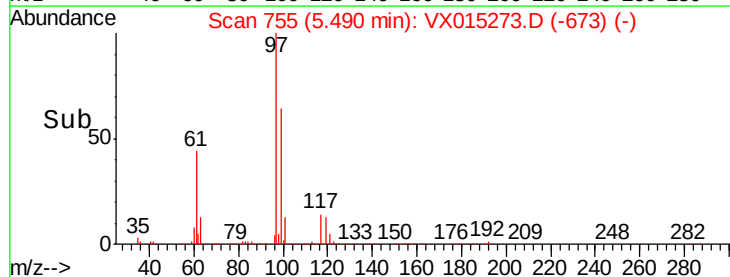
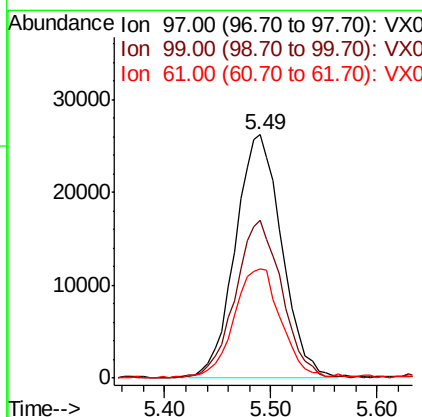
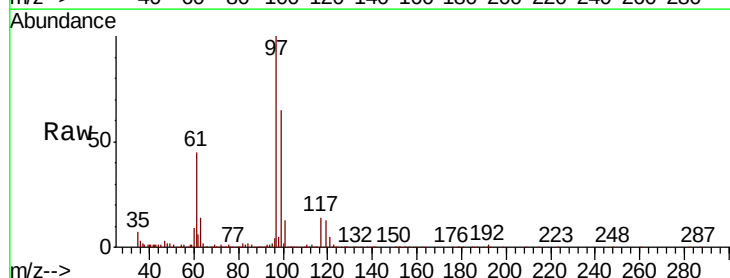
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

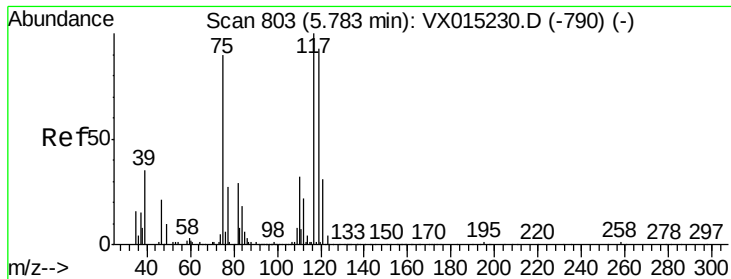
Tot Ion: 77 Resp: 66315
 Ion Ratio Lower Upper
 77 100
 97 24.2 19.8 29.6



#32
 1,1,1-Trichloroethane
 Concen: 18.513 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion: 97 Resp: 80275
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.0 78.0
 61 44.6 35.0 52.6

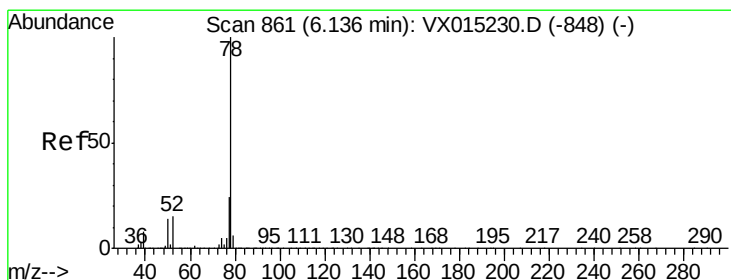
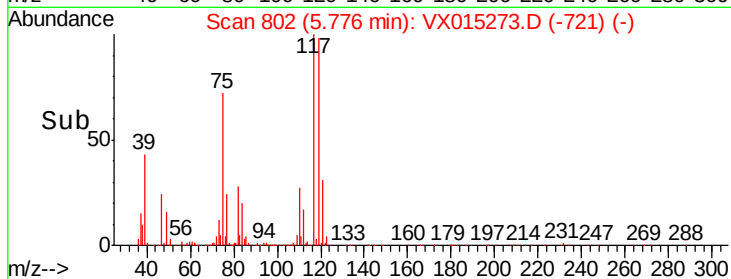
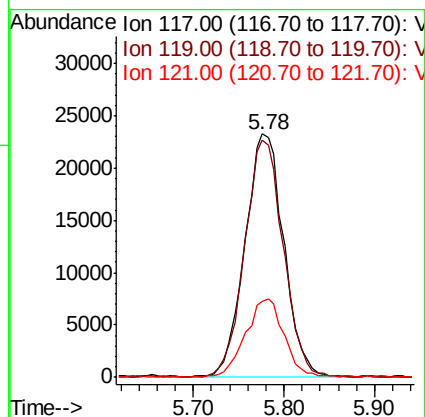
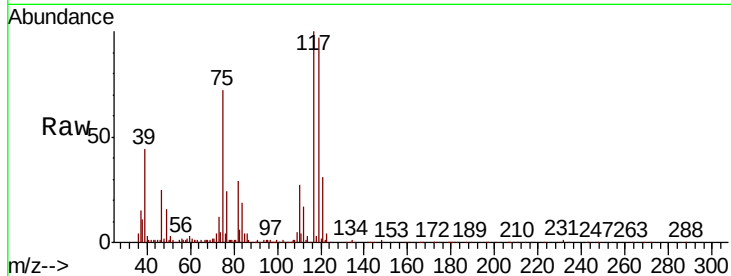




#33
Carbon Tetrachloride
Concen: 18.636 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

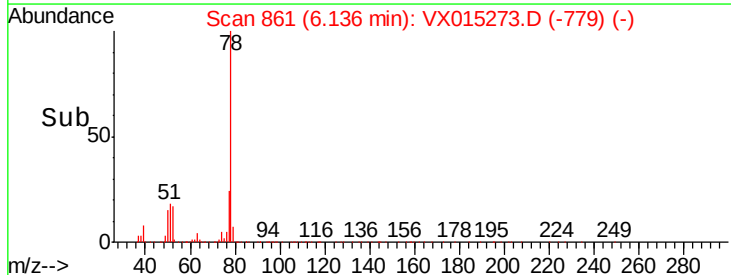
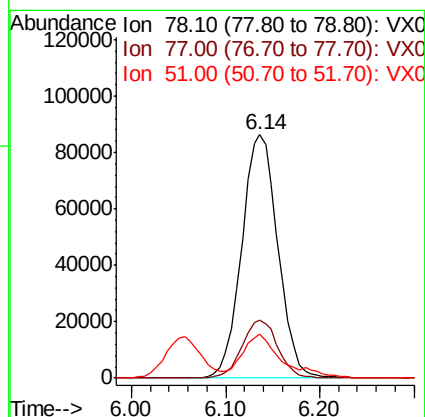
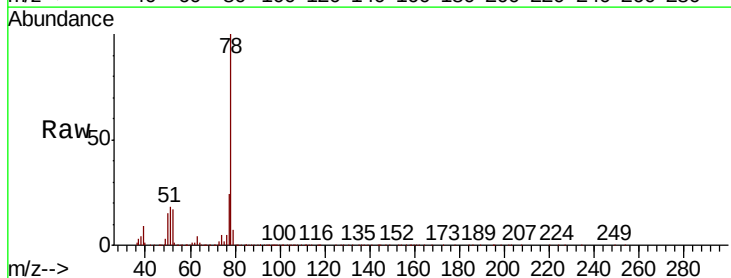
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

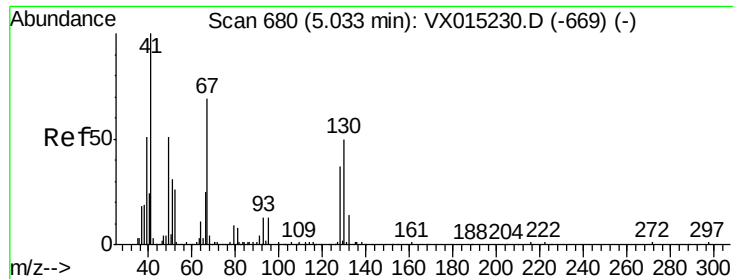
Tot Ion	Ratio	Lower	Upper
117	100		
119	96.9	74.2	111.4
121	30.8	24.3	36.5



#34
Benzene
Concen: 19.161 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7
51	17.5	13.4	20.2

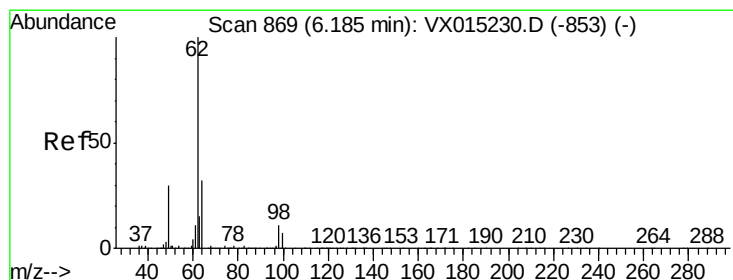
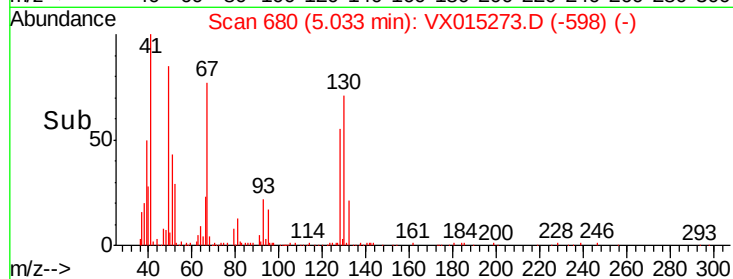
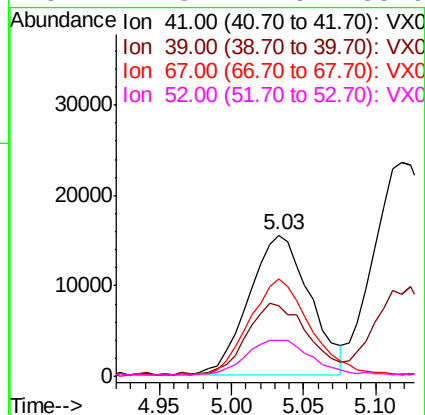
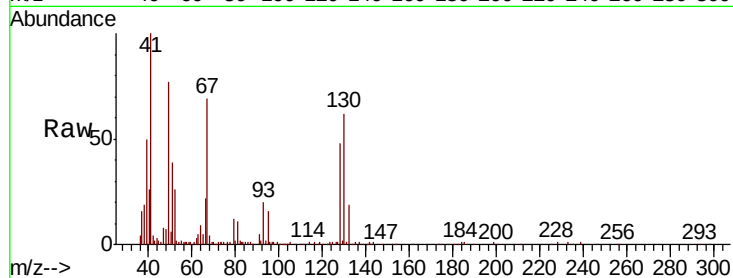




#35
Methacrylonitrile
Concen: 19.612 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

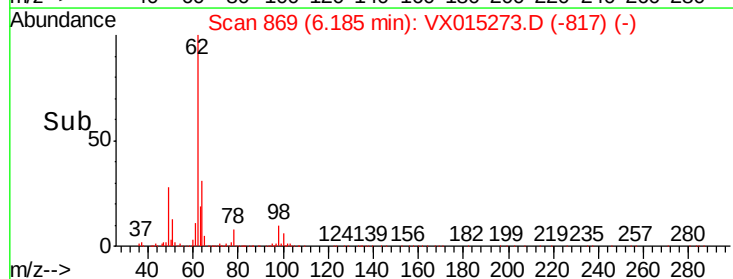
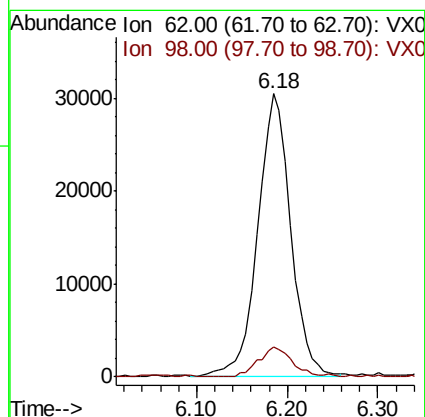
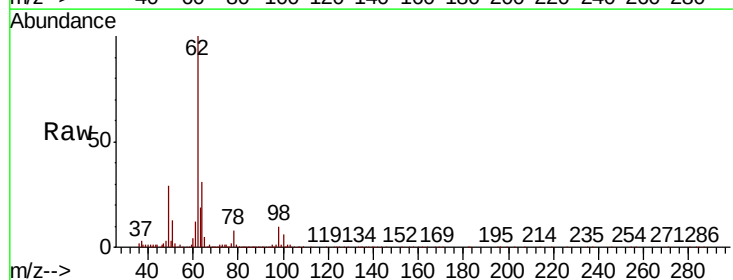
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

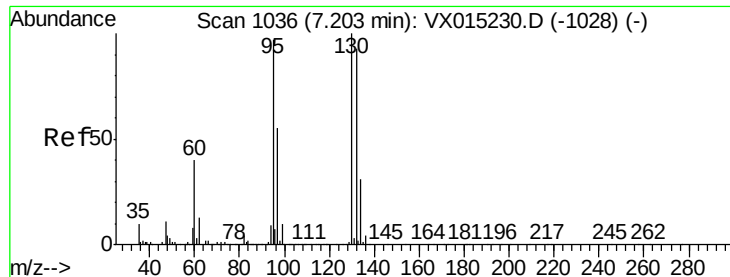
Tot Ion:	41	Resp:	45245
Ion	Ratio	Lower	Upper
41	100		
39	49.2	25.7	77.1
67	68.9	34.3	102.8
52	24.8	12.9	38.6



#36
1,2-Dichloroethane
Concen: 18.778 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.18 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion:	62	Resp:	75631
Ion	Ratio	Lower	Upper
62	100		
98	10.9	8.4	12.6

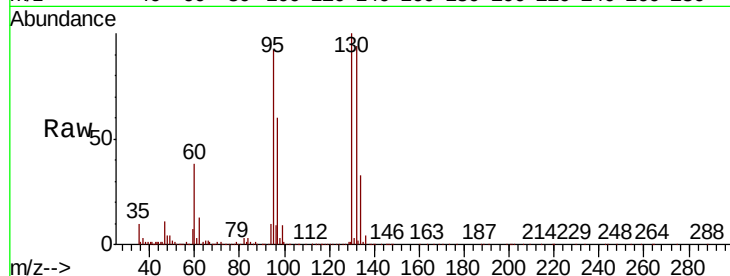




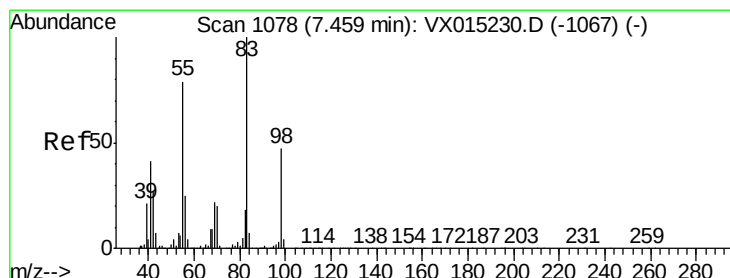
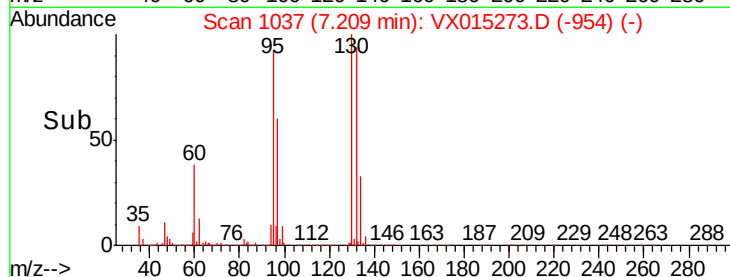
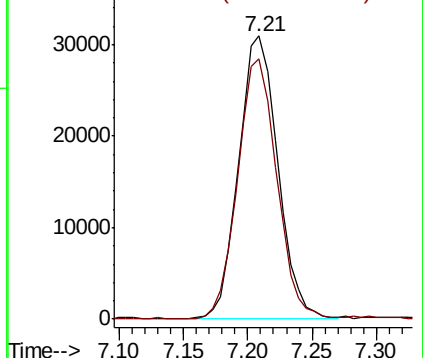
#37
 Trichloroethene
 Concen: 19.608 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 65476
 Ion Ratio Lower Upper
 130 100
 95 91.9 77.4 116.0

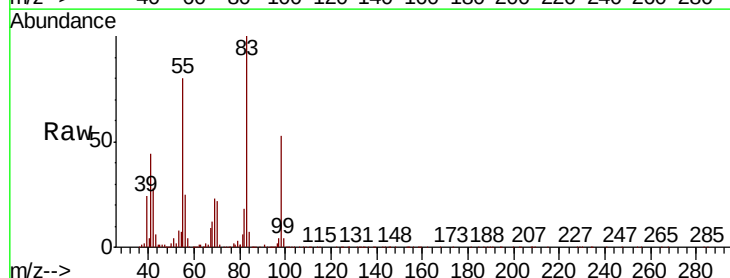


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

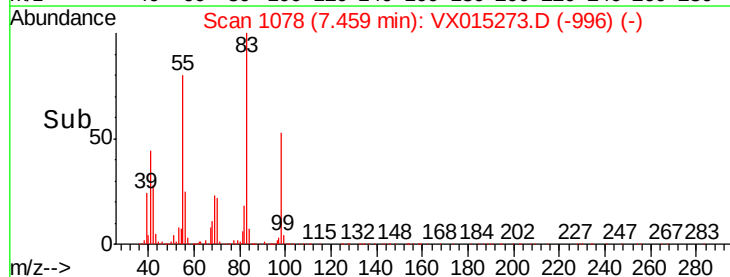
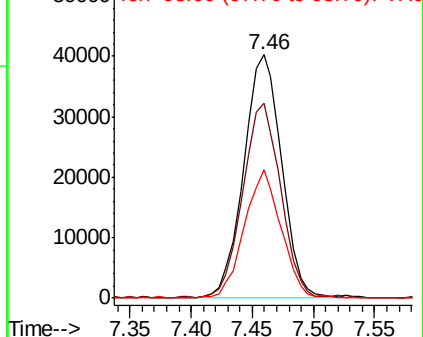


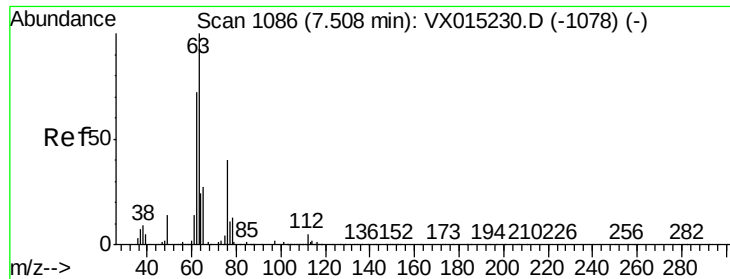
#38
 Methylcyclohexane
 Concen: 17.844 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion: 83 Resp: 86391
 Ion Ratio Lower Upper
 83 100
 55 80.2 39.1 117.2
 98 51.2 24.4 73.2



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.842 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

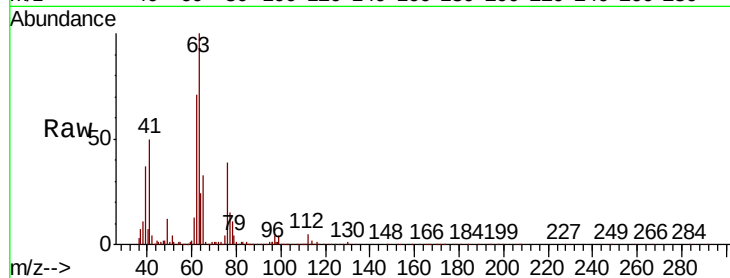
VSTDCCC020

Tot Ion: 63 Resp: 61889

Ion Ratio Lower Upper

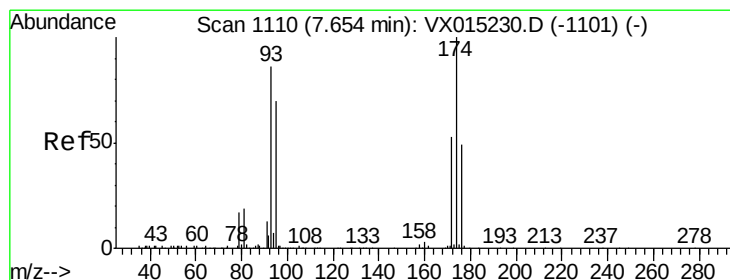
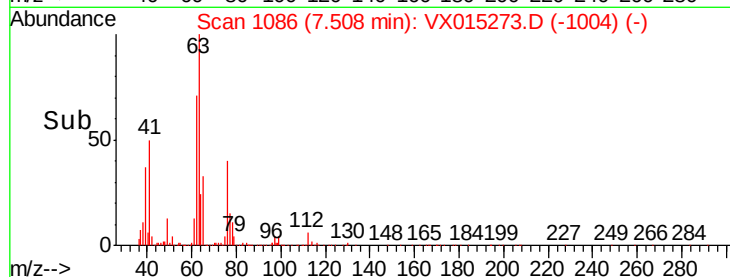
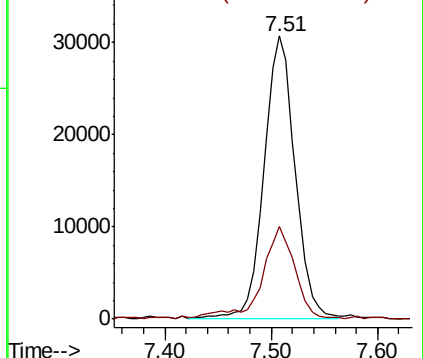
63 100

65 32.5 23.2 34.8



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 19.540 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

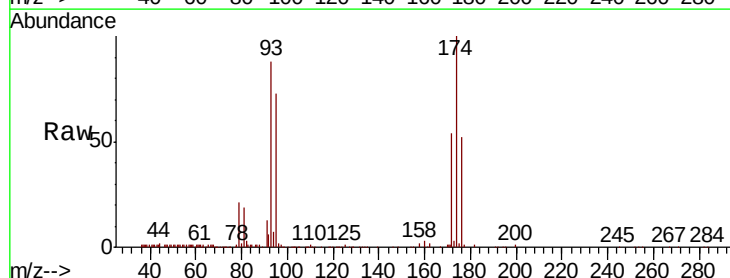
Tgt Ion: 93 Resp: 38736

Ion Ratio Lower Upper

93 100

95 81.4 0.0 162.6

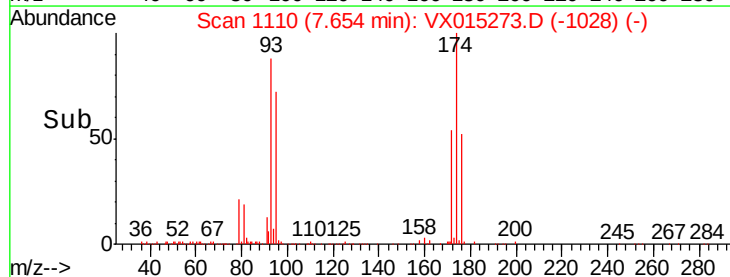
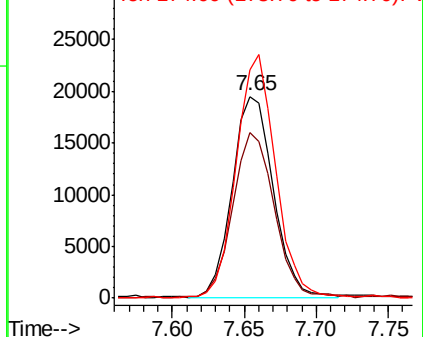
174 116.2 0.0 233.6

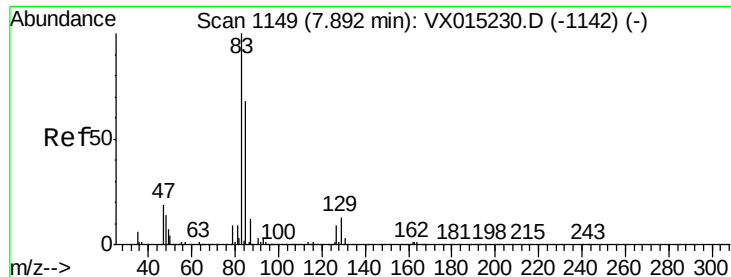


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 18.864 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

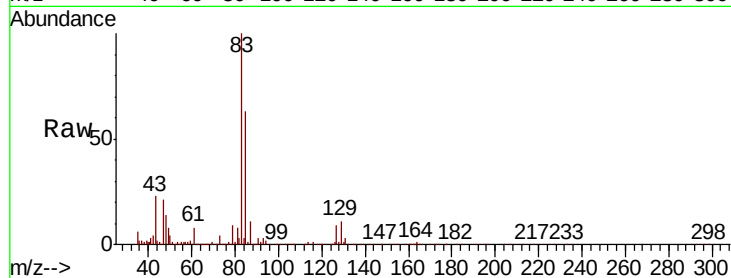
Tot Ion: 83 Resp: 73963

Ion Ratio Lower Upper

83 100

85 63.0 54.2 81.4

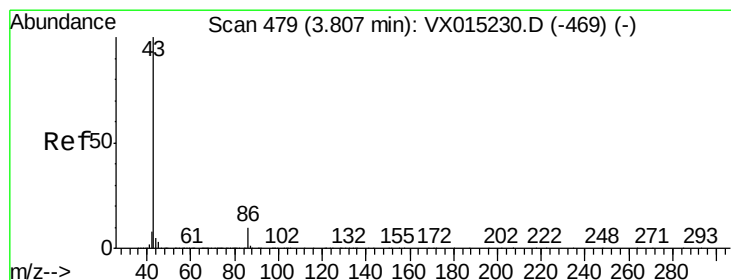
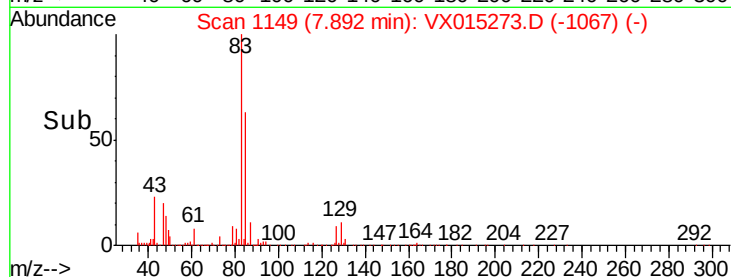
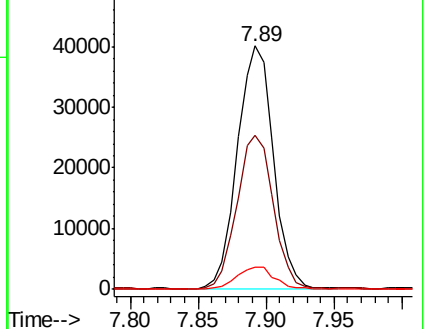
127 9.1 7.1 10.7



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: 92.845 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX015273.D

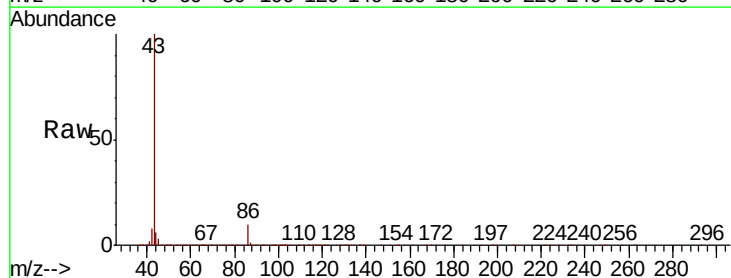
Acq: 13 Mar 2020 20:59

Tgt Ion: 43 Resp: 781286

Ion Ratio Lower Upper

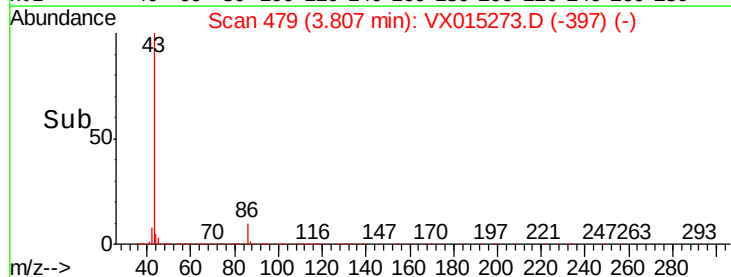
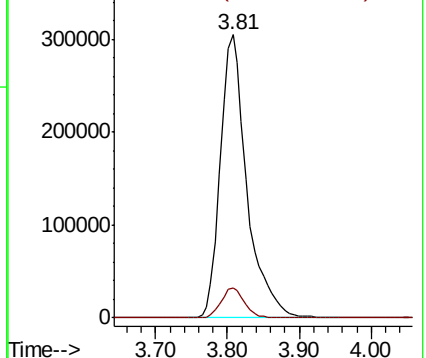
43 100

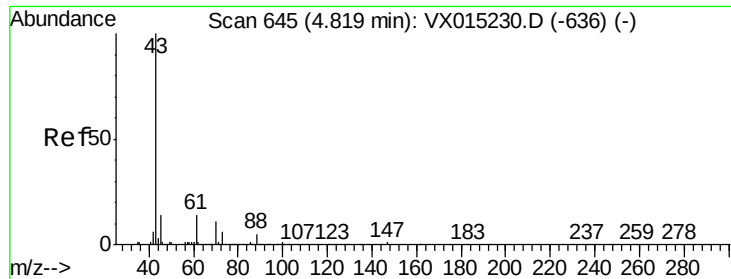
86 9.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

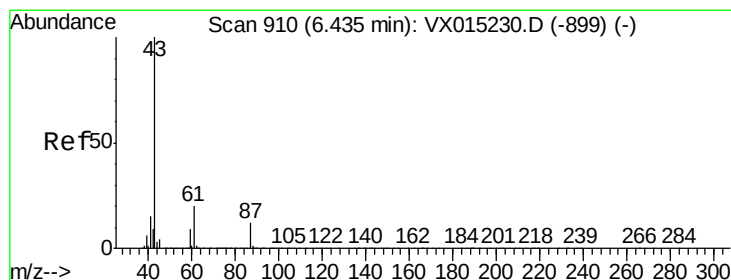
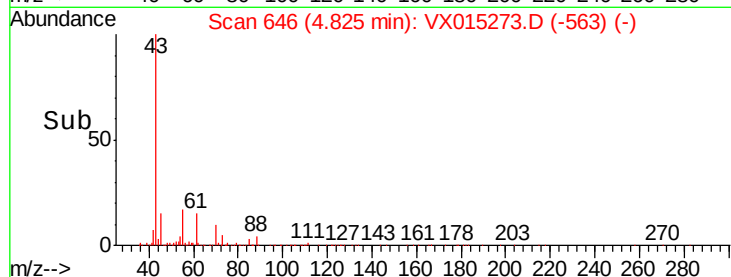
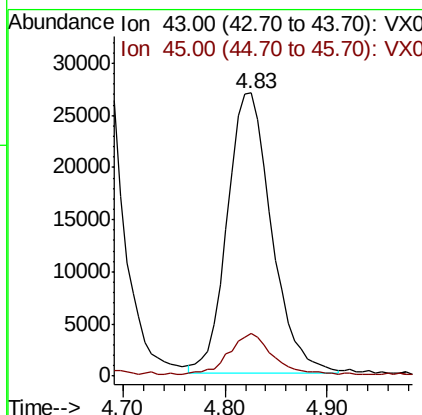
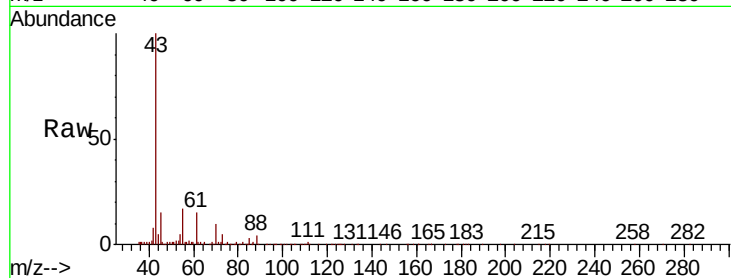




#43
Ethyl Acetate
Concen: 20.117 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

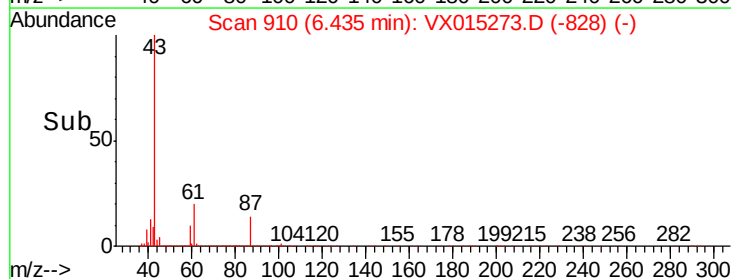
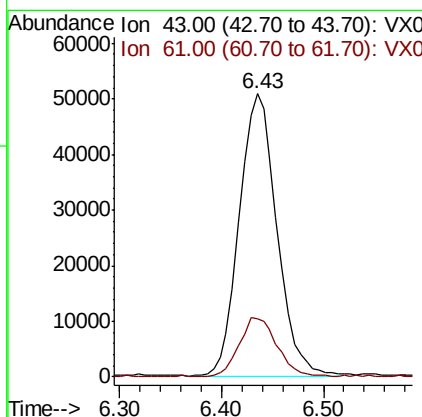
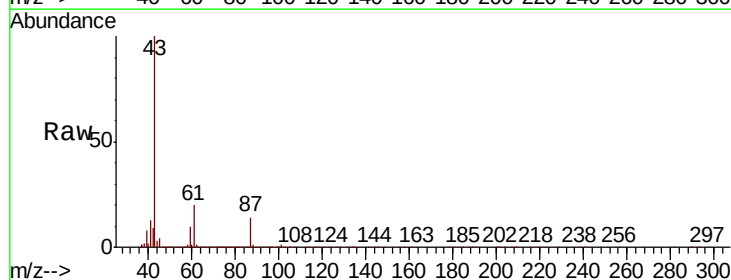
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

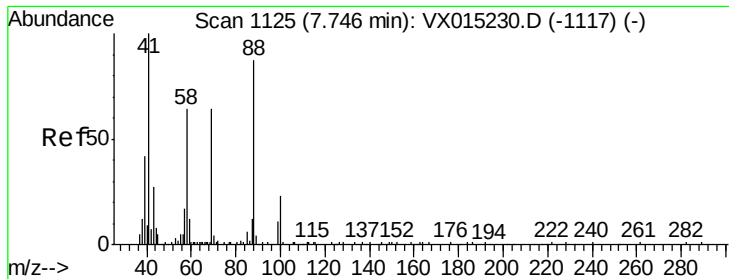
Tot Ion: 43 Resp: 81446
Ion Ratio Lower Upper
43 100
45 14.9 11.7 17.5



#44
Isopropyl Acetate
Concen: 18.956 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion: 43 Resp: 129812
Ion Ratio Lower Upper
43 100
61 20.6 17.0 25.4

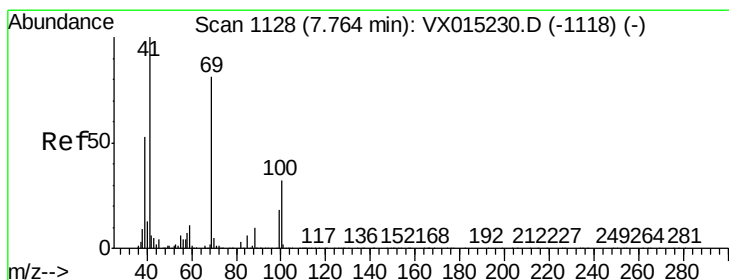
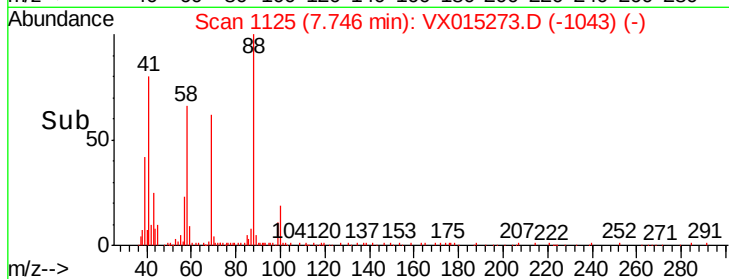
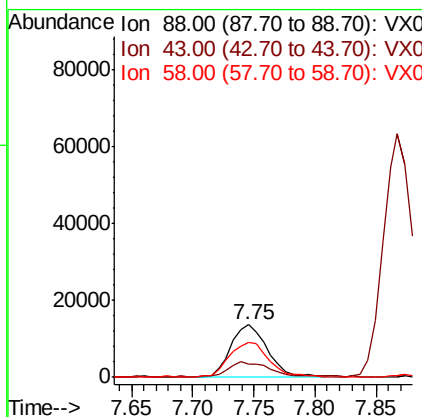
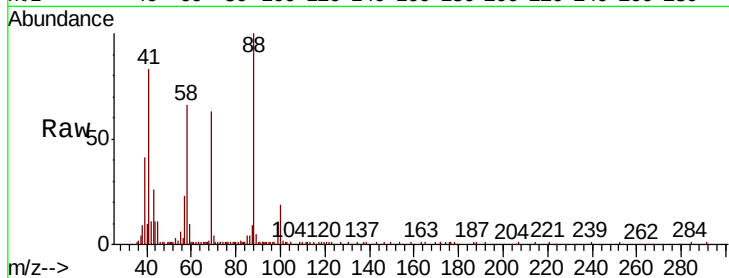




#45
1,4-Dioxane
Concen: 429.848 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

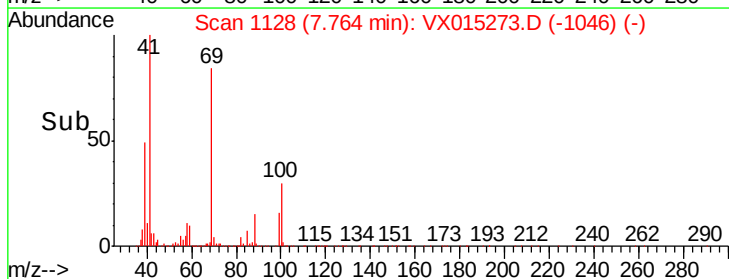
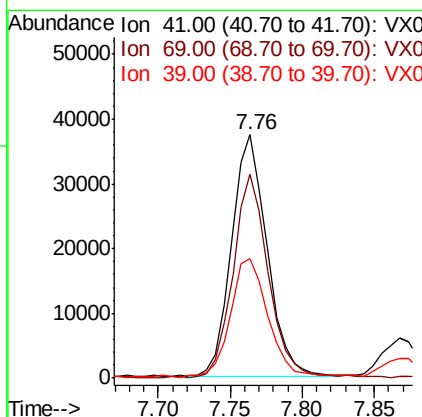
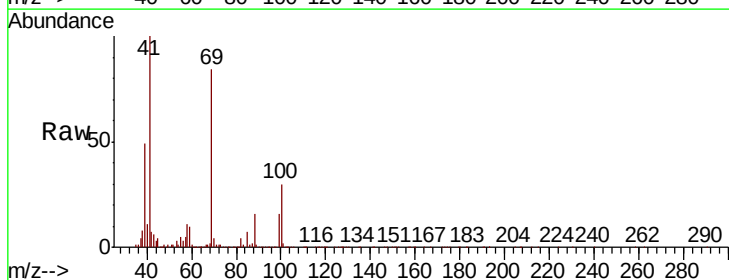
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

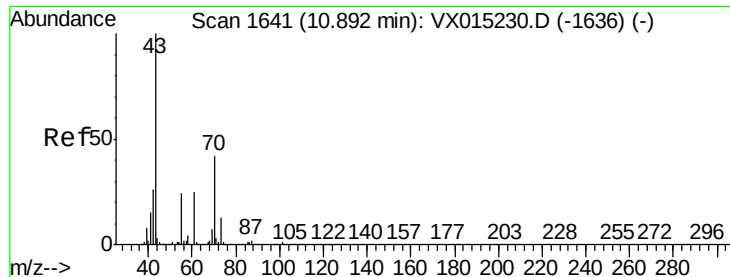
Tot Ion: 88 Resp: 28911
Ion Ratio Lower Upper
88 100
43 31.0 26.4 39.6
58 70.6 57.3 85.9



#46
Methyl methacrylate
Concen: 19.083 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion: 41 Resp: 64440
Ion Ratio Lower Upper
41 100
69 83.8 40.5 121.4
39 48.6 26.6 79.8





#47

n-amvl Acetate

Concen: 17.844 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampled :

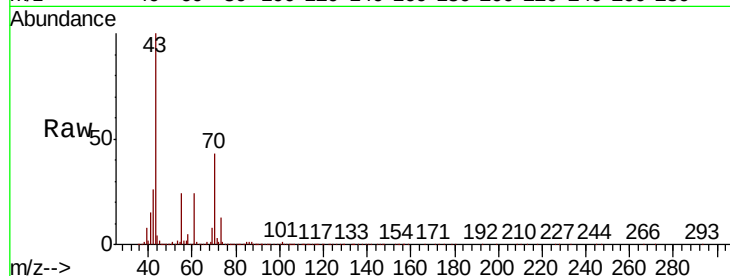
VSTDCCC020

Tot Ion: 43 Resp: 109647

Ion Ratio Lower Upper

43 100

55 25.3 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.89

80000

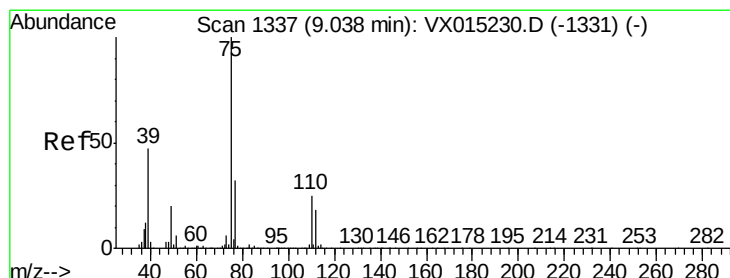
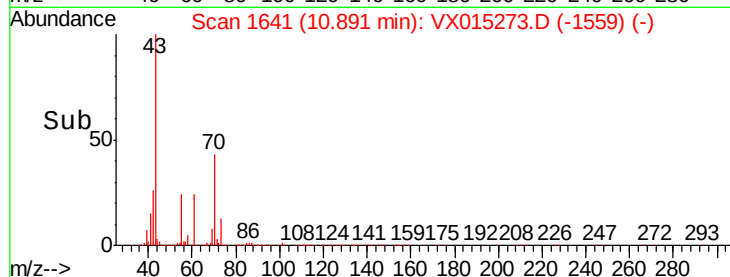
60000

40000

20000

0

Time--> 10.80 10.90 11.00



#48

t-1,3-Dichloropropene

Concen: 18.737 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015273.D

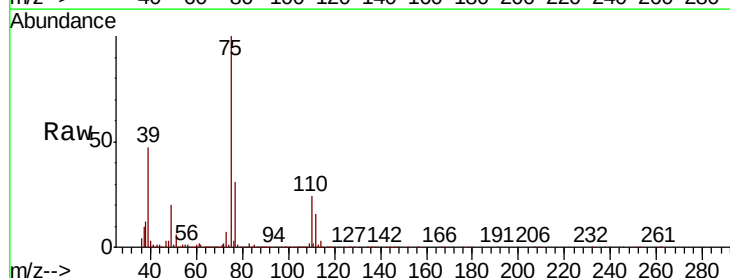
Acq: 13 Mar 2020 20:59

Tgt Ion: 75 Resp: 79884

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

60000

50000

40000

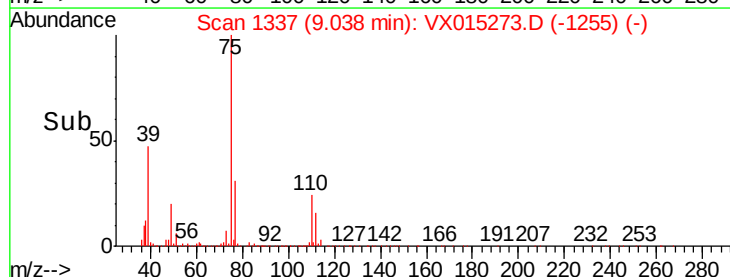
30000

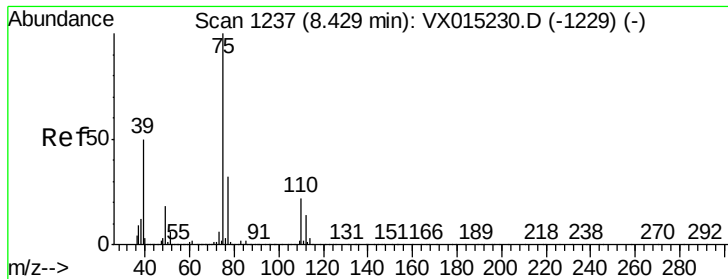
20000

10000

0

Time--> 9.00 9.05 9.10



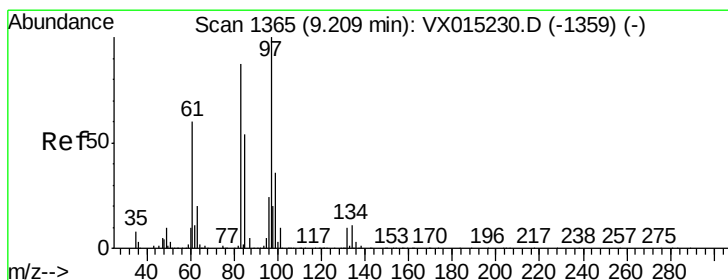
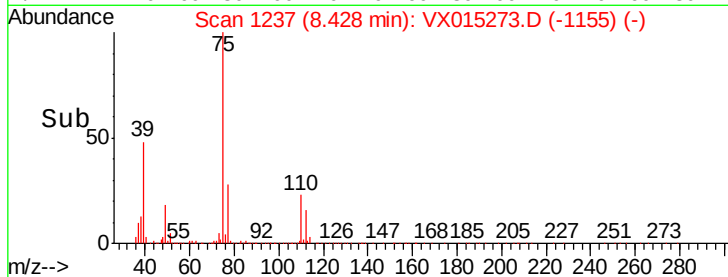
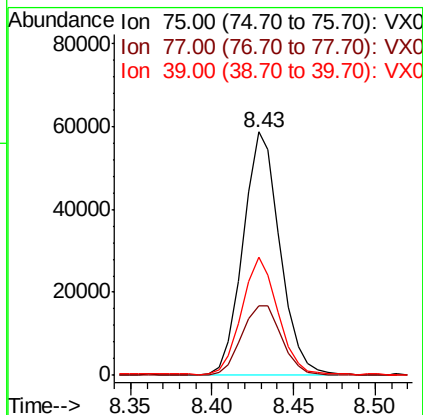
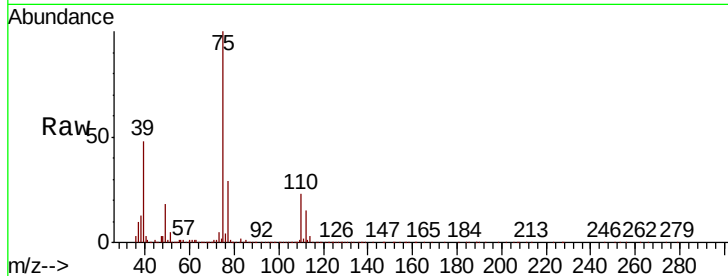


#49

cis-1,3-Dichloropropene
 Concen: 19.120 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

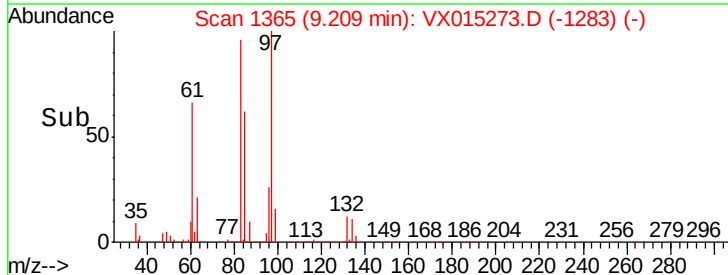
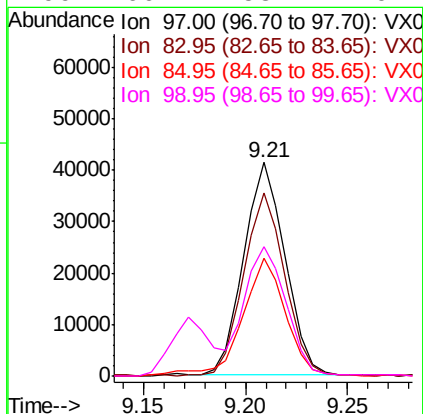
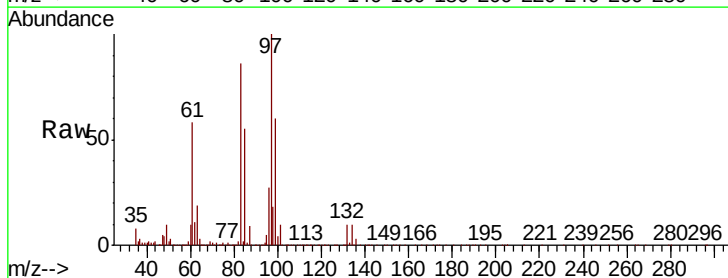
Tot Ion:	75	Resp:	92574
Ion	Ratio	Lower	Upper
75	100		
77	28.3	25.3	37.9
39	48.0	39.8	59.6

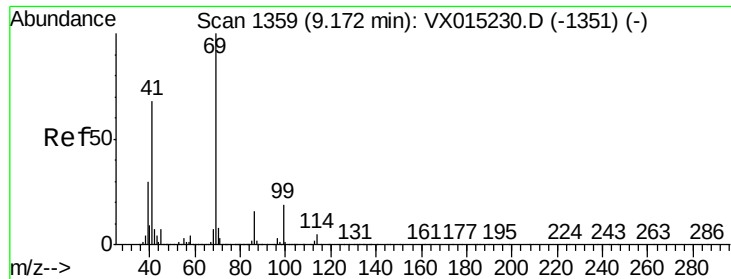


#50

1,1,2-Trichloroethane
 Concen: 19.860 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion:	97	Resp:	58215
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.7	104.5
85	54.8	45.4	68.0
99	60.2	53.1	79.7





#51

Ethyl methacrylate

Concen: 19.134 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

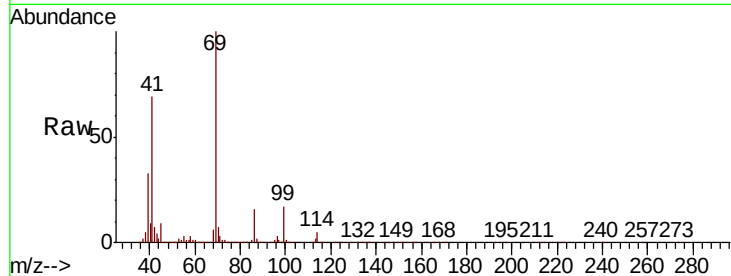
Tot Ion: 69 Resp: 87520

Ion Ratio Lower Upper

69 100

41 68.9 33.8 101.3

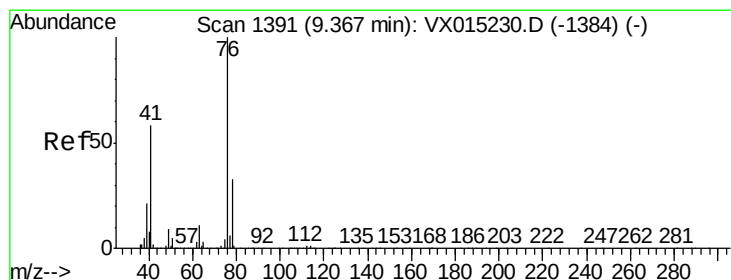
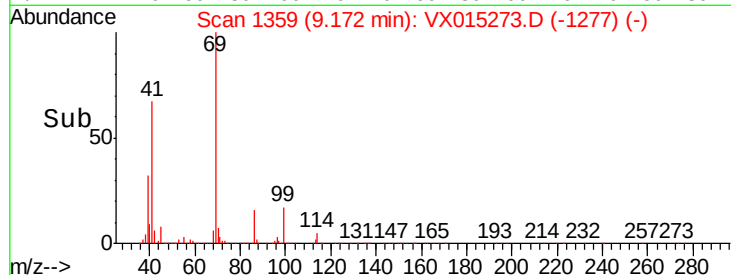
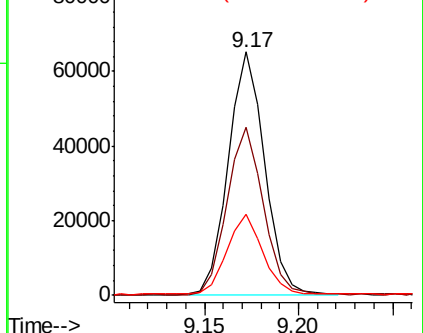
39 32.9 15.1 45.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 20.572 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX015273.D

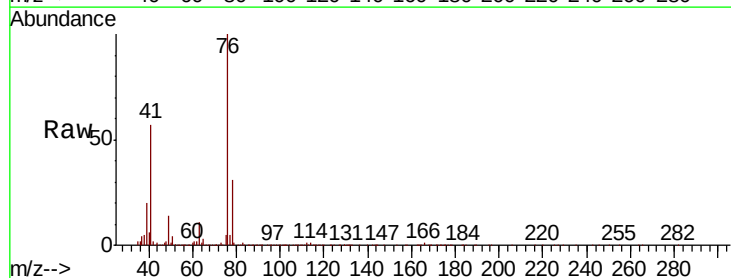
Acq: 13 Mar 2020 20:59

Tgt Ion: 76 Resp: 102061

Ion Ratio Lower Upper

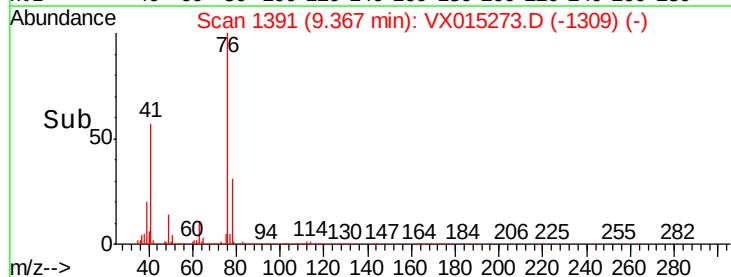
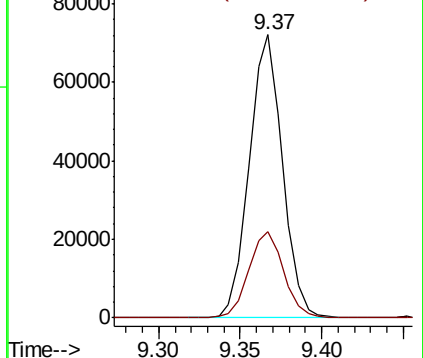
76 100

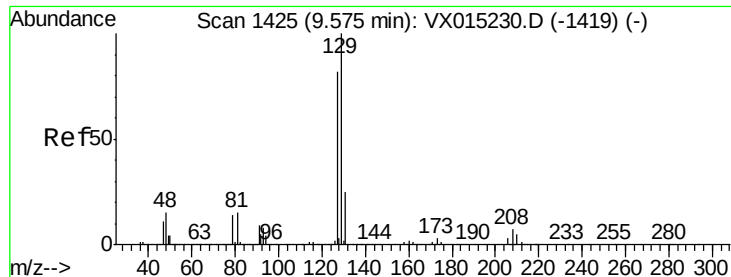
78 31.7 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.474 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

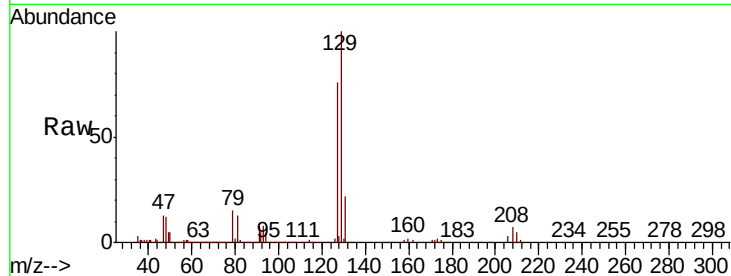
VSTDCCC020

Tot Ion:129 Resp: 60792

Ion Ratio Lower Upper

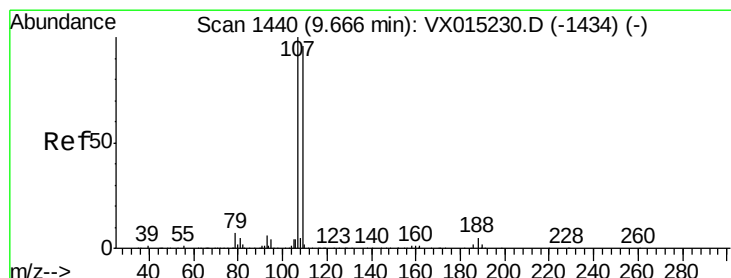
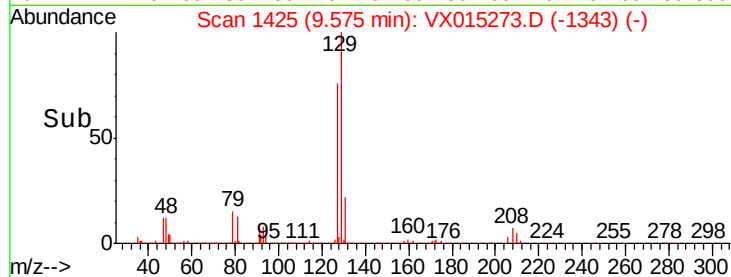
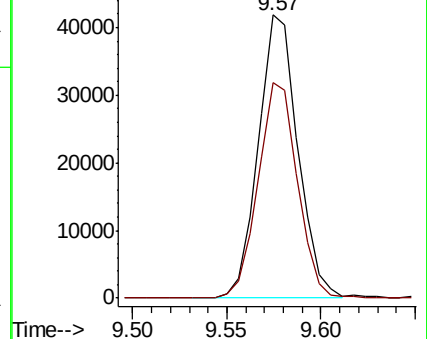
129 100

127 75.6 40.4 121.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.316 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015273.D

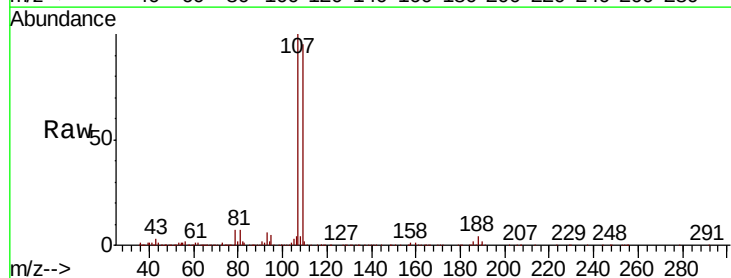
Acq: 13 Mar 2020 20:59

Tgt Ion:107 Resp: 61432

Ion Ratio Lower Upper

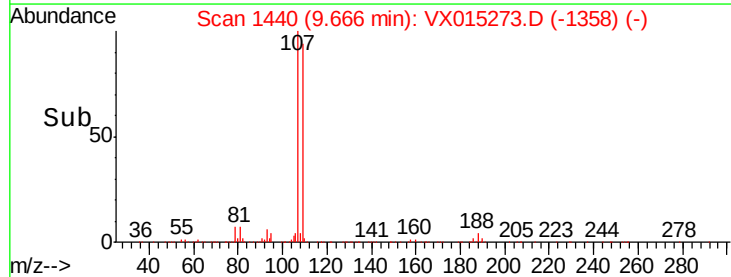
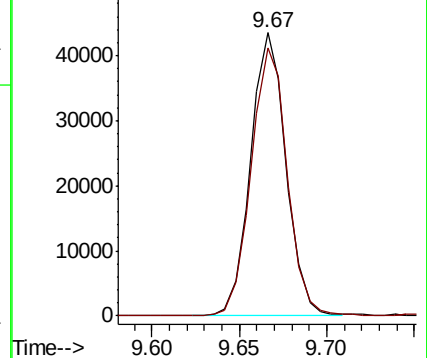
107 100

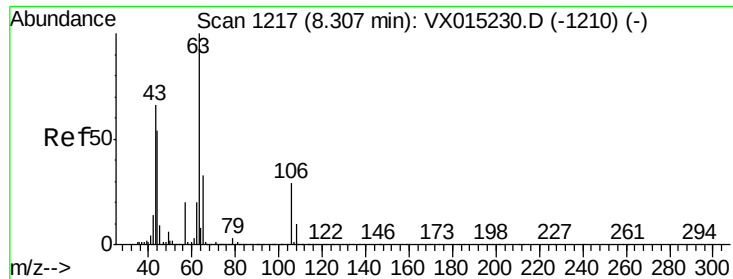
109 96.9 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

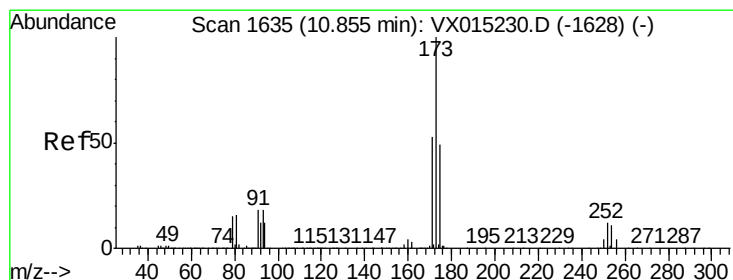
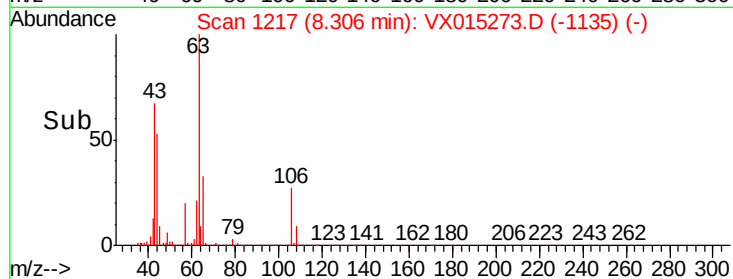
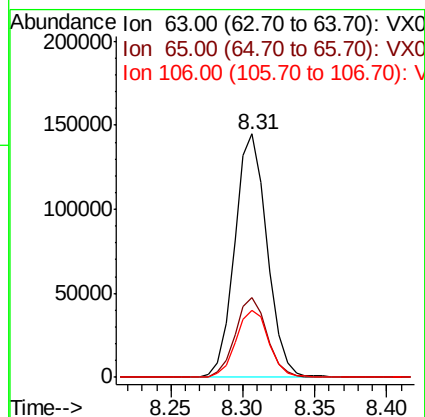
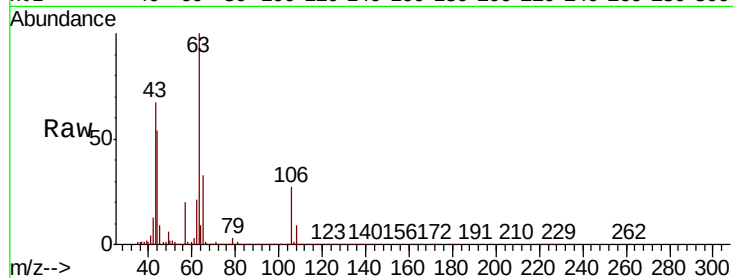




#55
 2-Chloroethyl vinyl ether
 Concen: 98.735 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

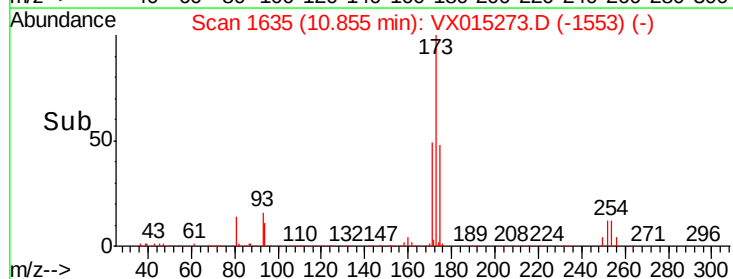
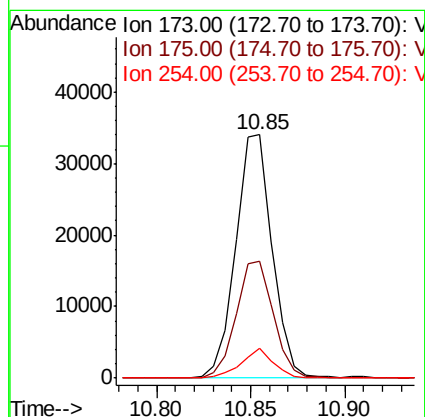
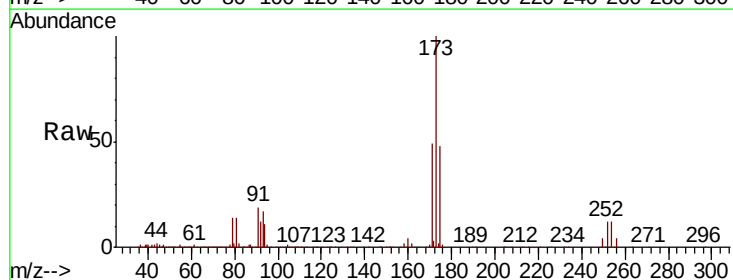
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

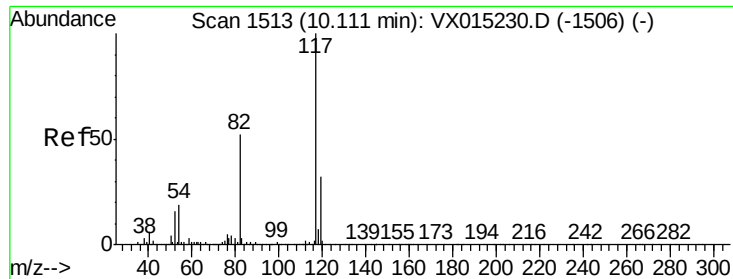
Tot Ion: 63 Resp: 226182
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.6 38.4
 106 28.3 23.0 34.4



#56
 Bromoform
 Concen: 18.725 ug/l
 RT: 10.85 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion: 173 Resp: 45831
 Ion Ratio Lower Upper
 173 100
 175 48.8 38.9 58.3
 254 10.8 9.1 13.7

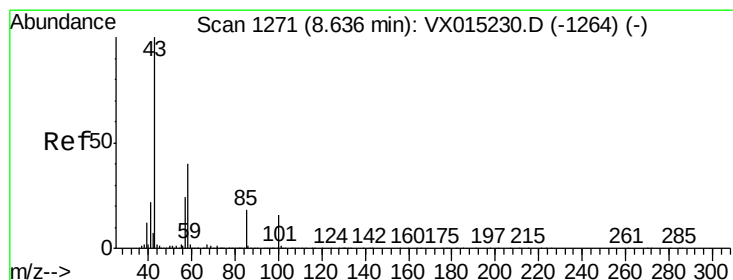
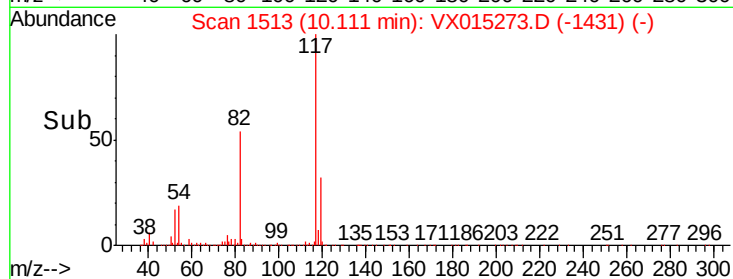
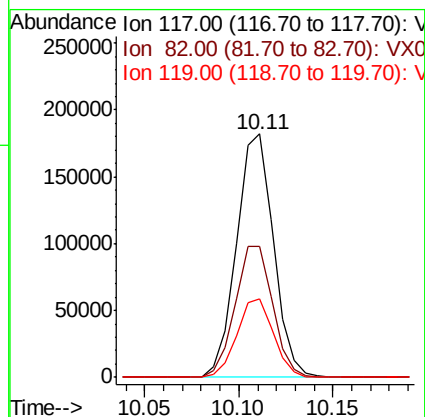
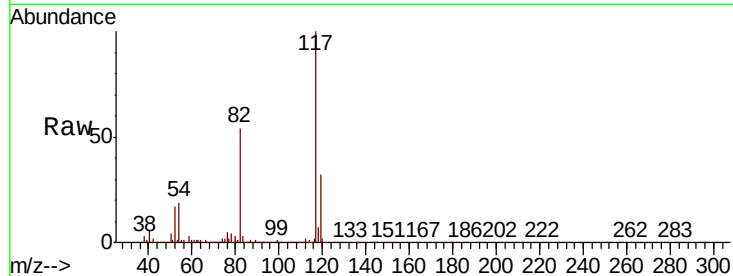




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

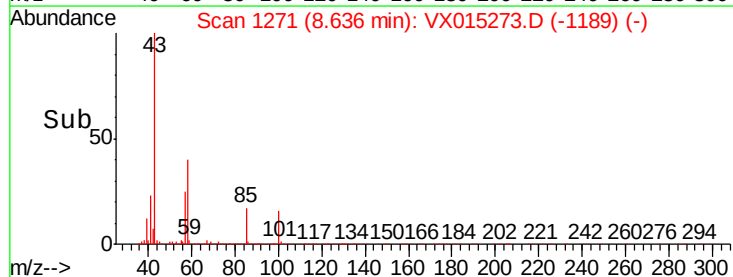
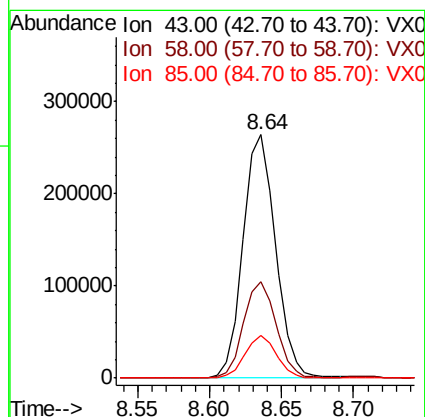
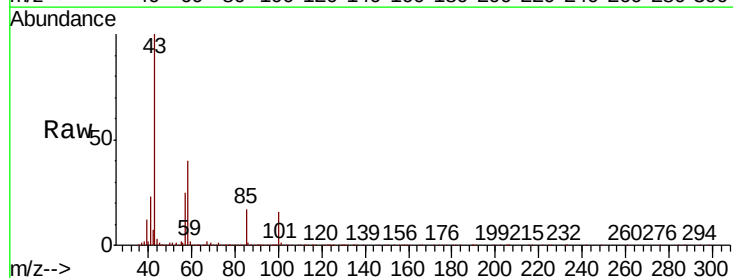
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

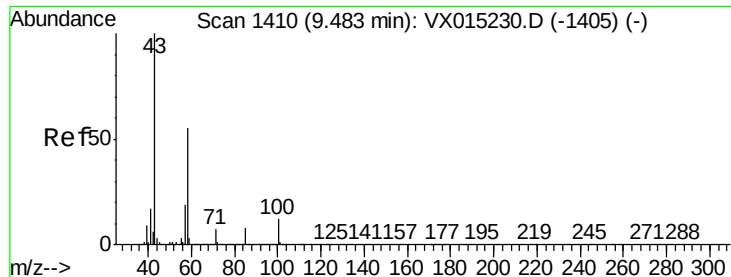
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.2	64.8
119	32.2	25.8	38.8



#58
4-Methyl-2-Pentanone
Concen: 98.257 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.6	47.4
85	17.2	13.8	20.8

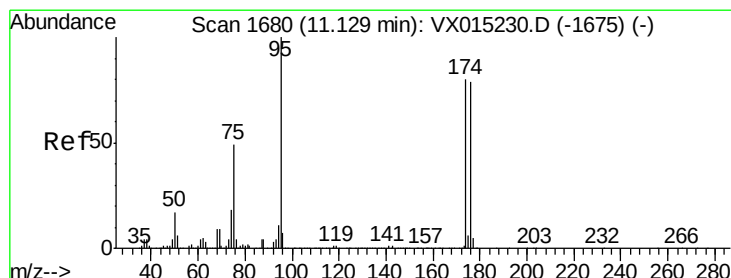
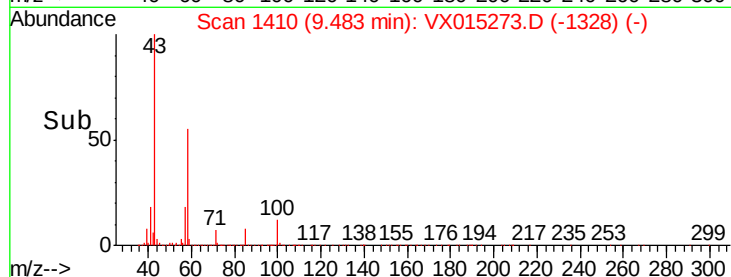
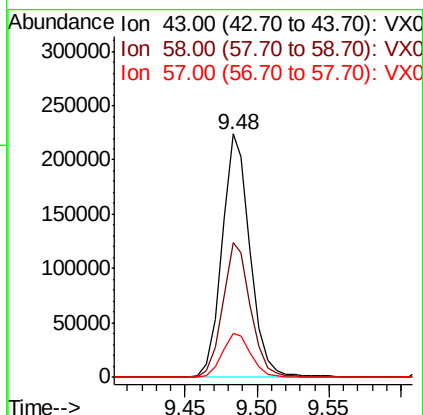
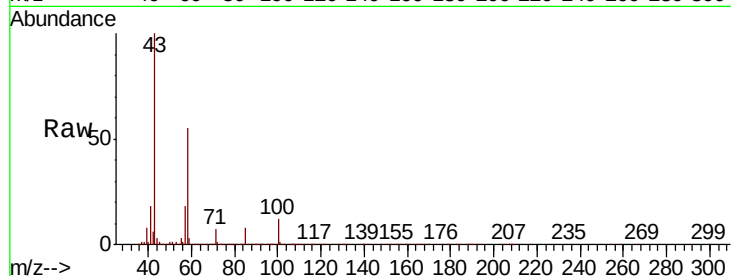




#59
2-Hexanone
Concen: 95.712 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

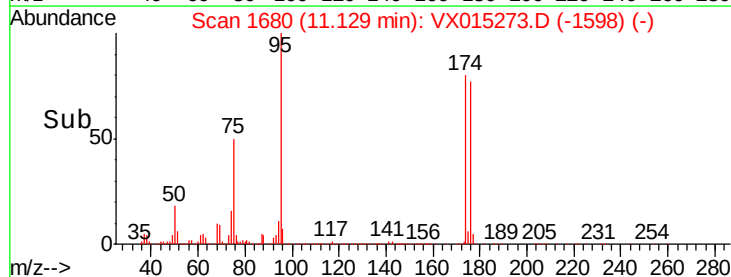
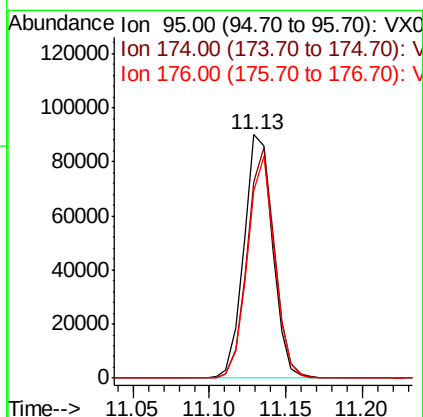
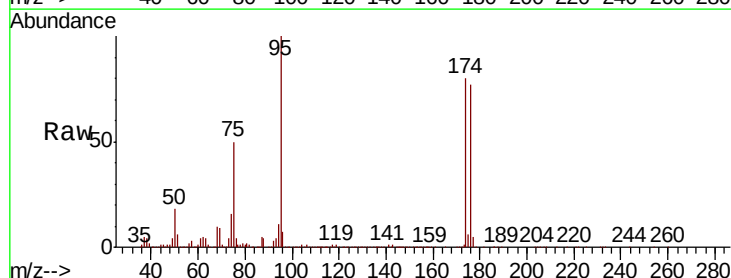
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

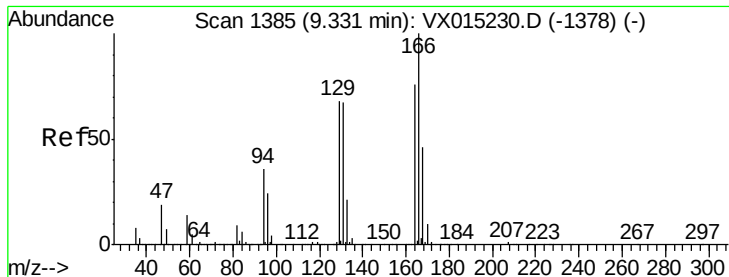
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	44.6	66.8
57	18.4	14.6	21.8



#60
4-Bromofluorobenzene
Concen: 29.807 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.2	72.0	108.0
176	86.5	70.1	105.1





#61

Tetrachloroethene

Concen: 19.397 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 66744

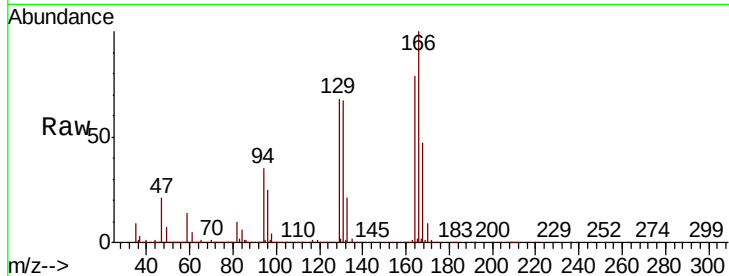
Ion Ratio Lower Upper

164 100

166 126.3 105.1 157.7

129 86.2 71.5 107.3

131 84.2 69.9 104.9

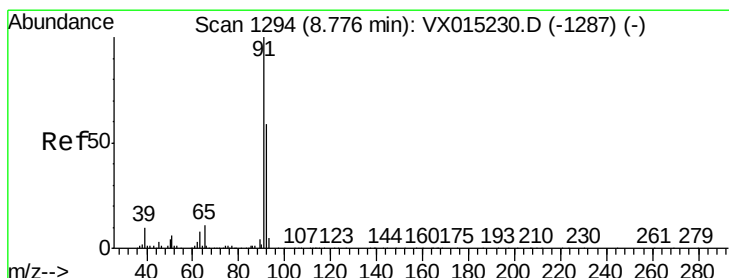
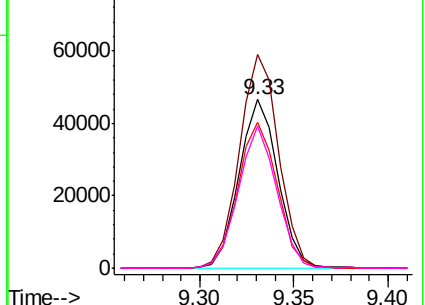
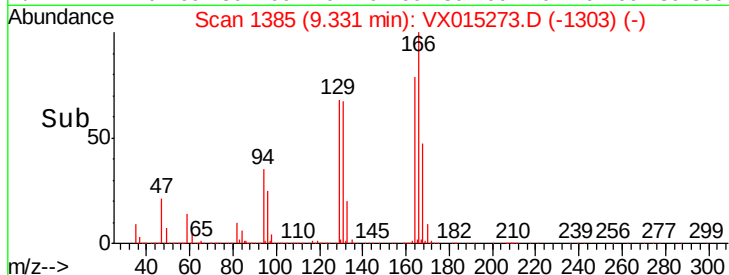


Abundance Ion 163.85 (163.55 to 164.55): V

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: 19.085 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015273.D

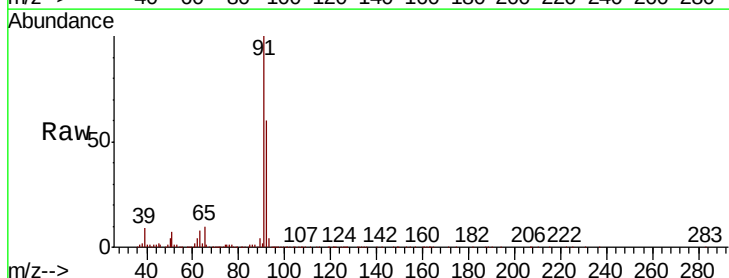
Acq: 13 Mar 2020 20:59

Tgt Ion: 91 Resp: 249645

Ion Ratio Lower Upper

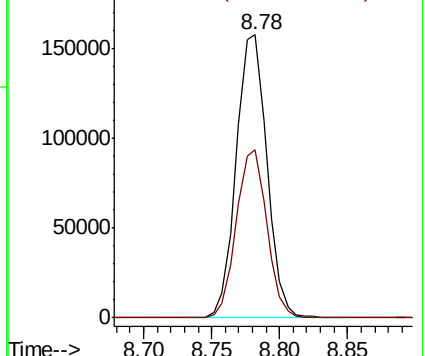
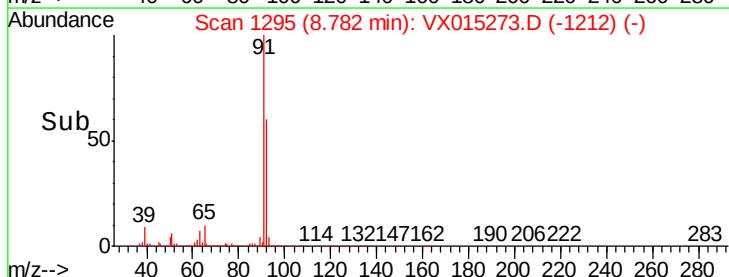
91 100

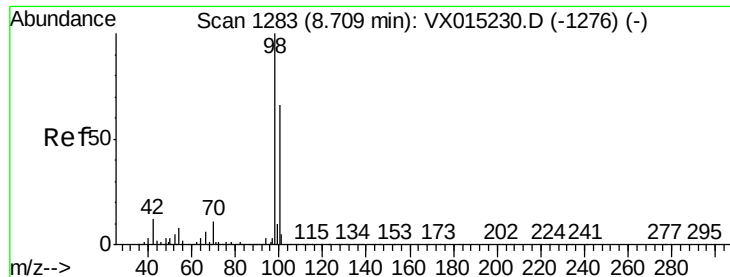
92 59.1 47.1 70.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.773 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

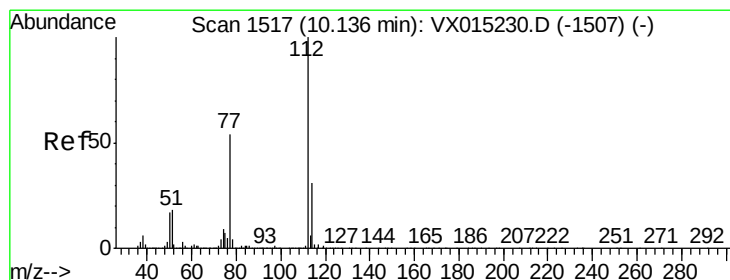
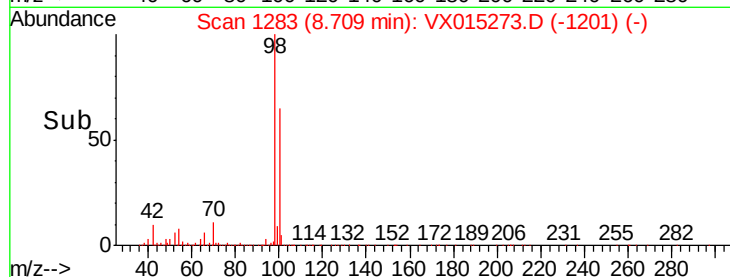
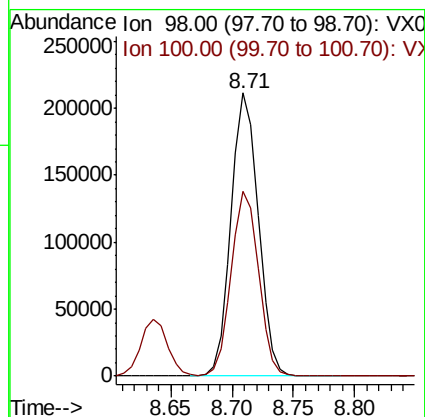
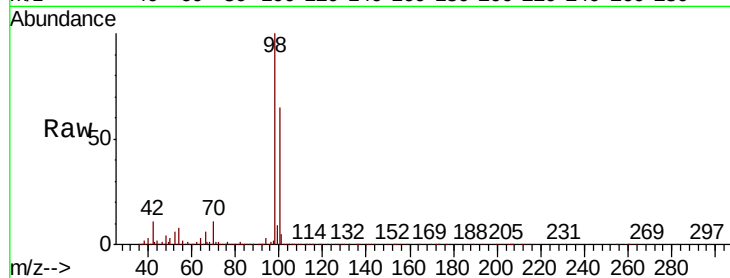
VSTDCCC020

Tot Ion: 98 Resp: 325826

Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4



#64

Chlorobenzene

Concen: 18.644 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015273.D

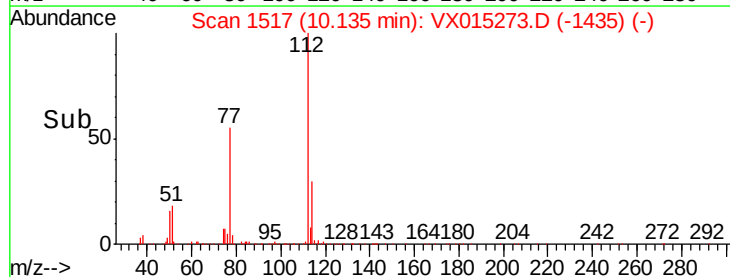
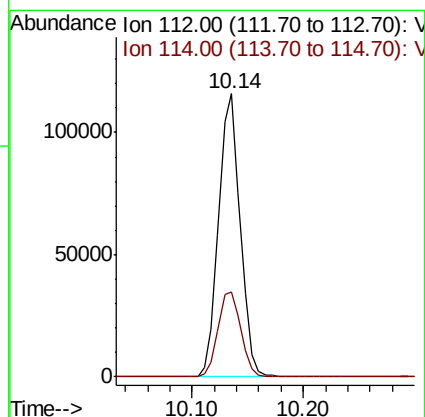
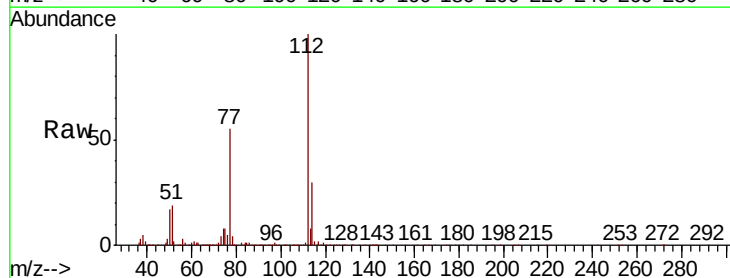
Acq: 13 Mar 2020 20:59

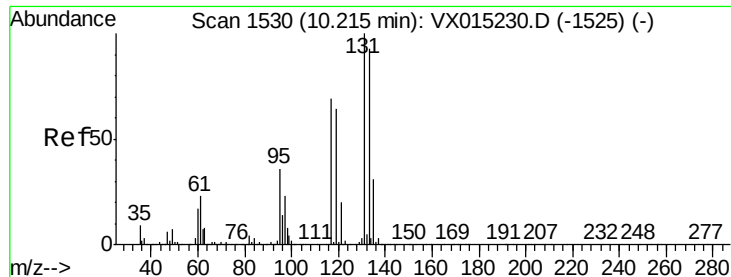
Tgt Ion: 112 Resp: 155824

Ion Ratio Lower Upper

112 100

114 30.0 24.8 37.2

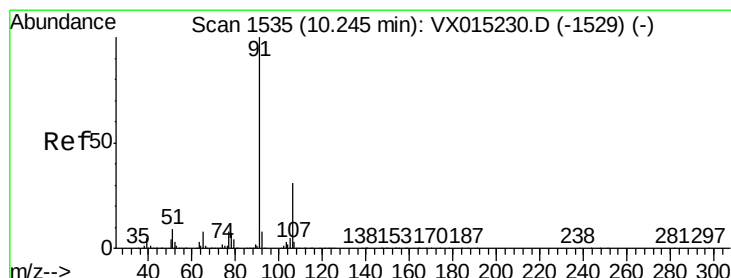
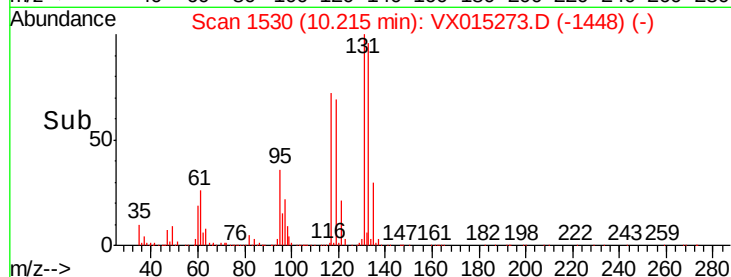
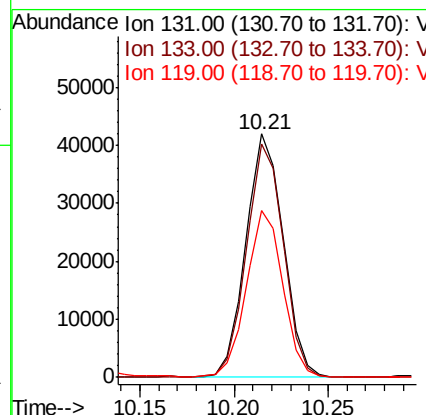
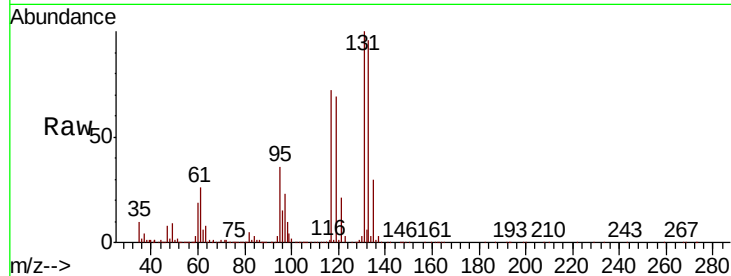




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.836 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

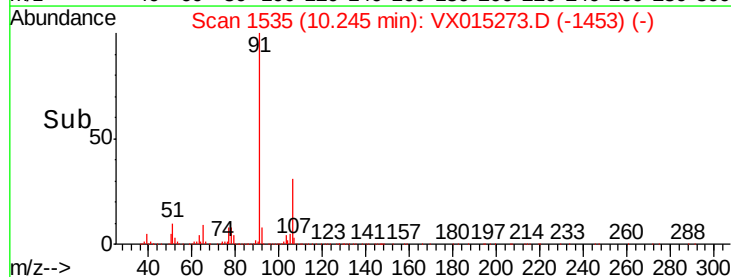
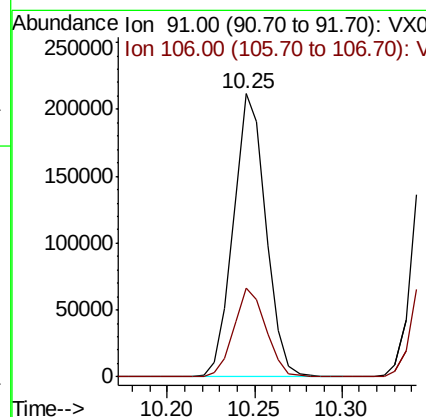
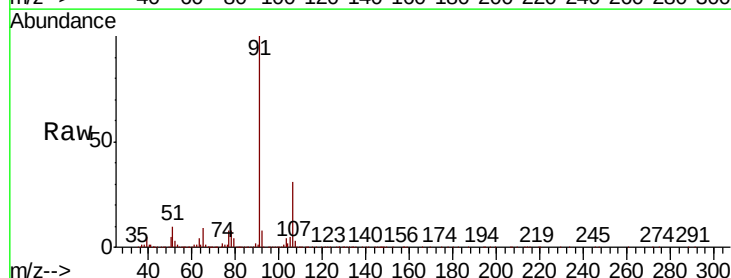
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

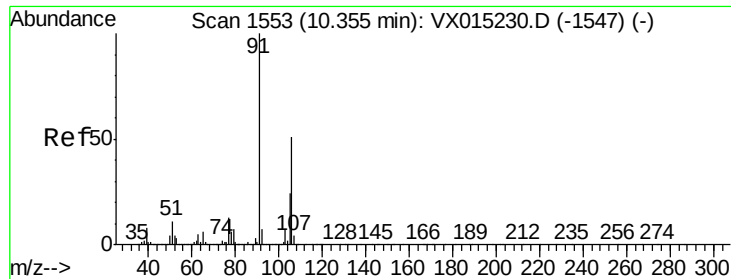
Tot Ion:131 Resp: 57988
 Ion Ratio Lower Upper
 131 100
 133 94.8 0.0 188.0
 119 66.8 0.0 131.0



#66
 Ethyl Benzene
 Concen: 18.661 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion: 91 Resp: 271921
 Ion Ratio Lower Upper
 91 100
 106 31.4 24.9 37.3

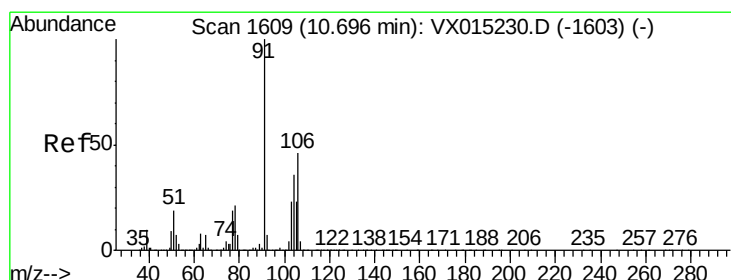
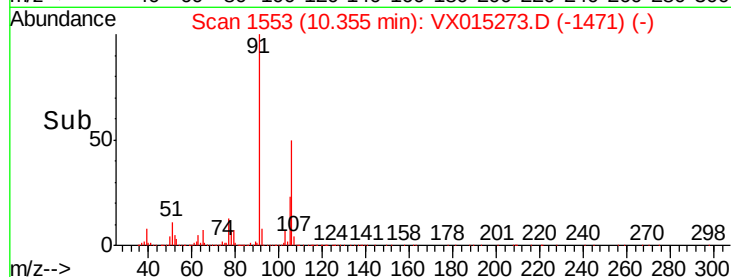
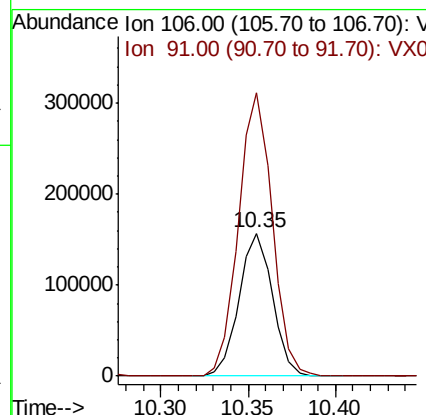
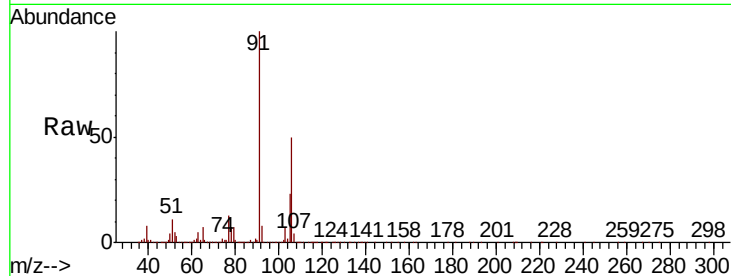




#67
m/p-Xylenes
Concen: 37.393 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

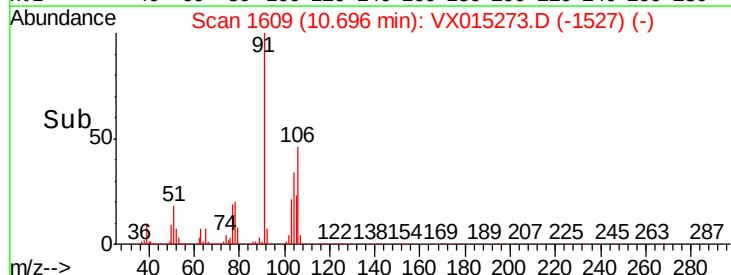
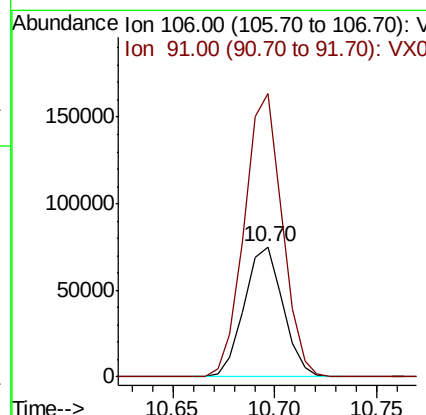
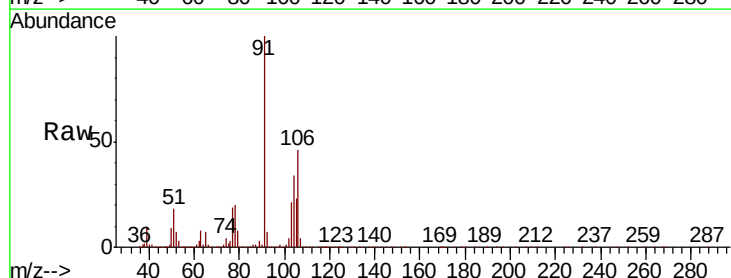
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

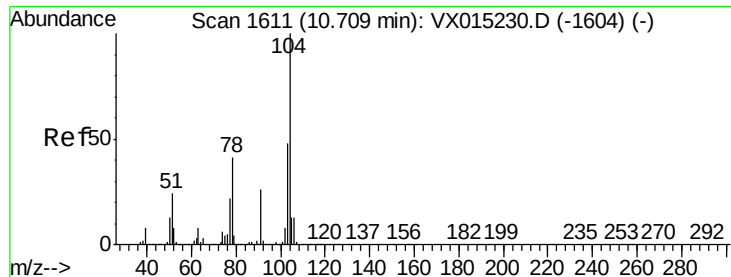
Tot Ion:106 Resp: 209157
Ion Ratio Lower Upper
106 100
91 198.8 160.1 240.1



#68
o-Xylene
Concen: 18.420 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion:106 Resp: 98785
Ion Ratio Lower Upper
106 100
91 213.6 106.4 319.2





#69

Stvrene

Concen: 18.433 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

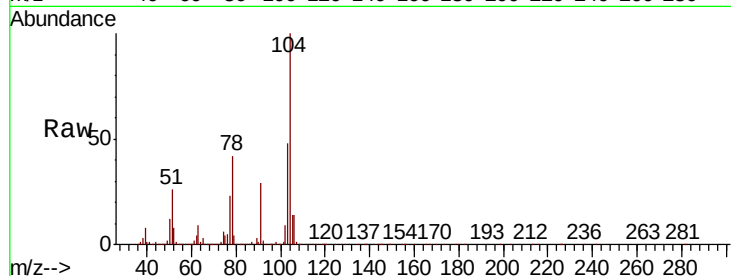
Tot Ion:104 Resp: 172039

Ion Ratio Lower Upper

104 100

78 47.6 38.9 58.3

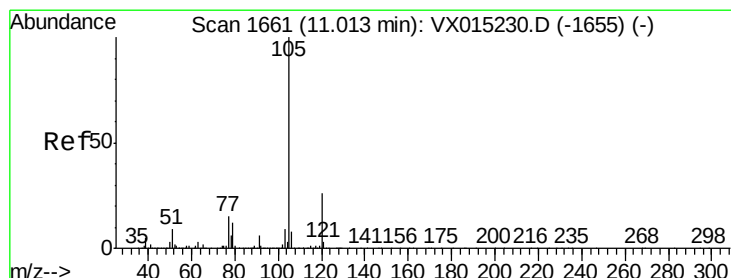
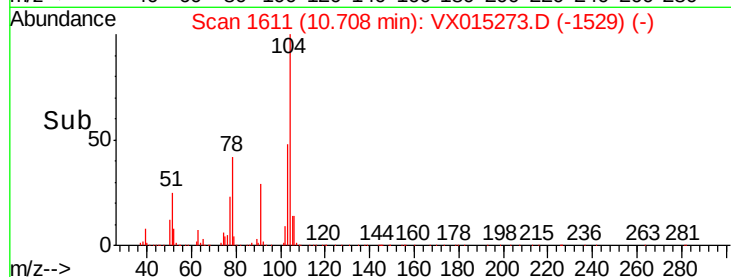
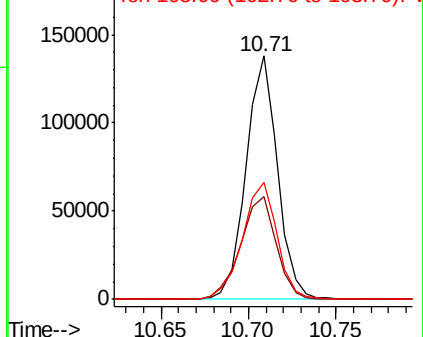
103 53.3 43.2 64.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.575 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015273.D

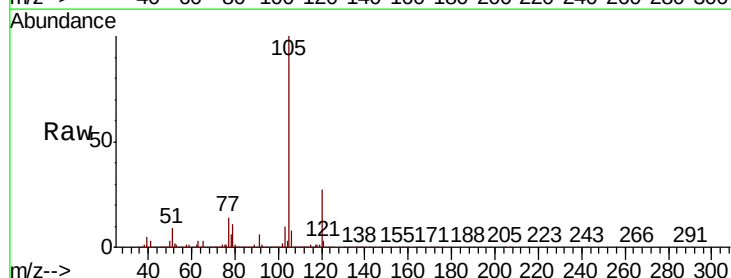
Acq: 13 Mar 2020 20:59

Tgt Ion:105 Resp: 265135

Ion Ratio Lower Upper

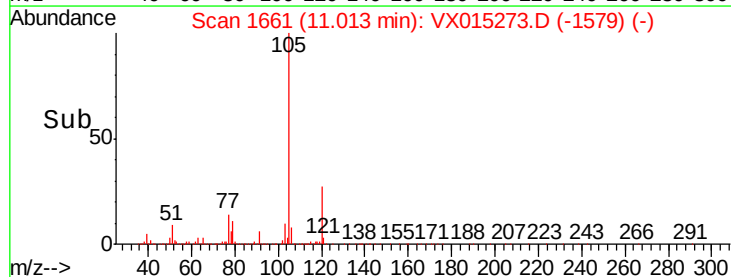
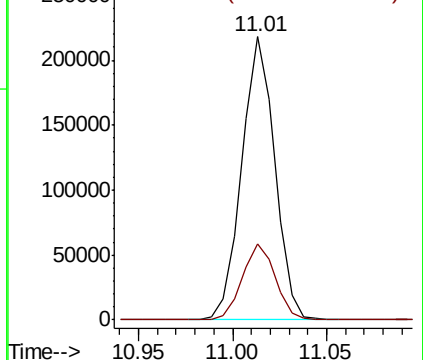
105 100

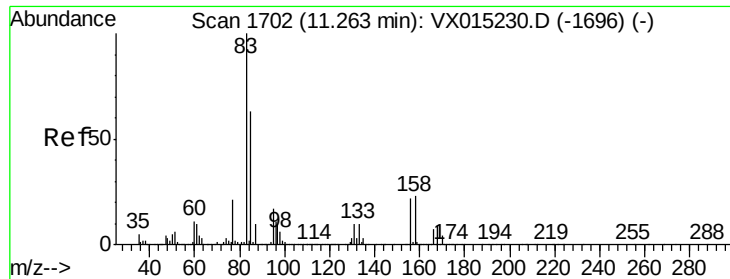
120 26.8 18.6 34.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 18.877 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

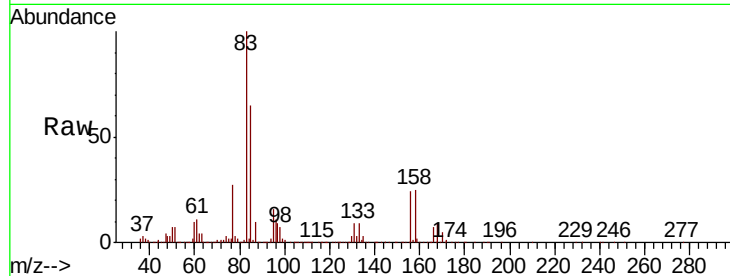
Tot Ion: 83 Resp: 87465

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

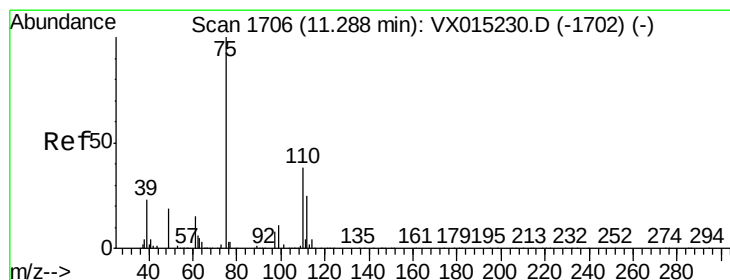
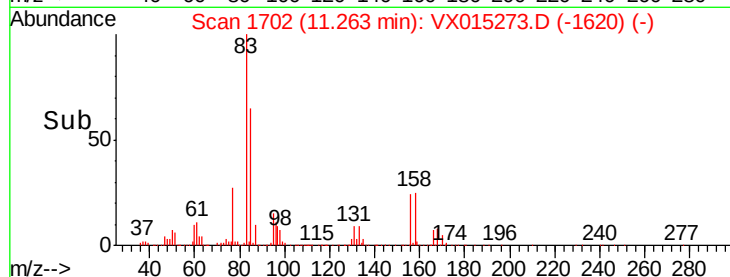
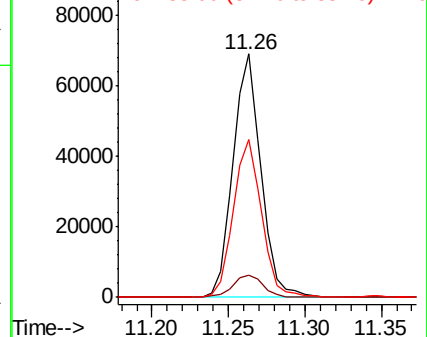
85 65.5 31.8 95.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 25.725 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX015273.D

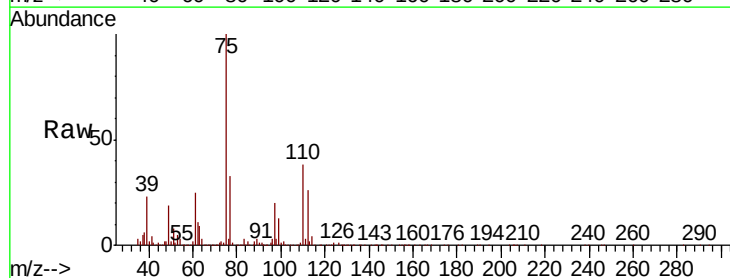
Acq: 13 Mar 2020 20:59

Tgt Ion: 75 Resp: 97564

Ion Ratio Lower Upper

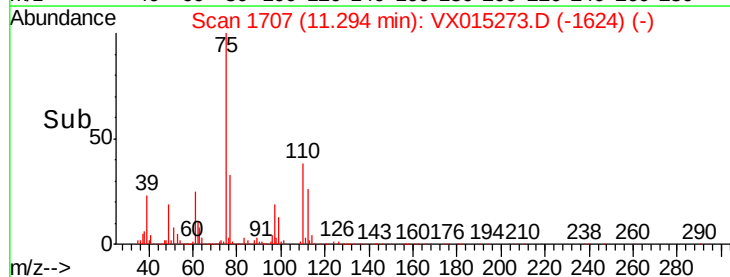
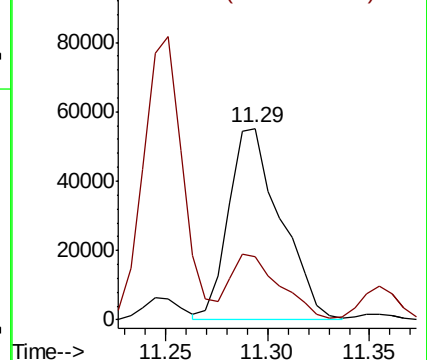
75 100

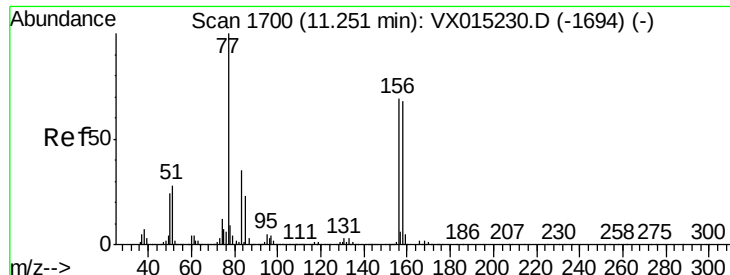
77 31.9 0.0 83.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.616 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

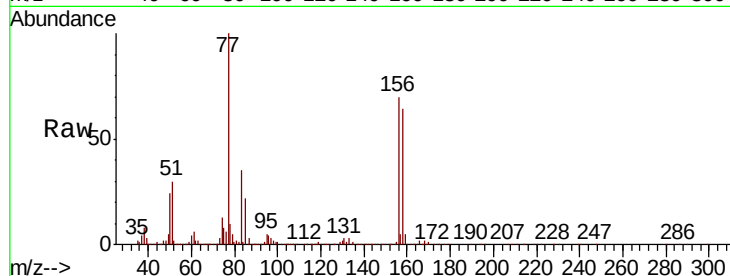
Tot Ion:156 Resp: 72469

Ion Ratio Lower Upper

156 100

77 150.2 0.0 305.0

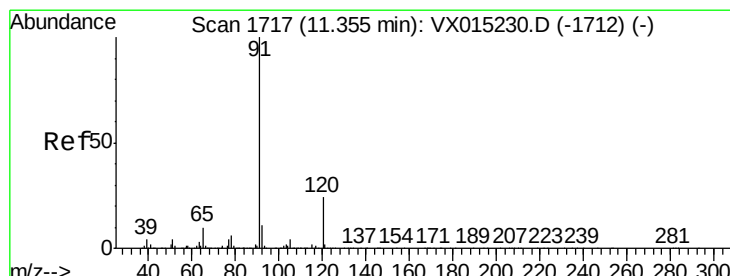
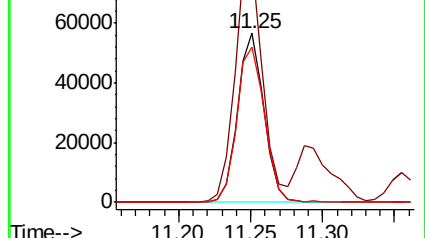
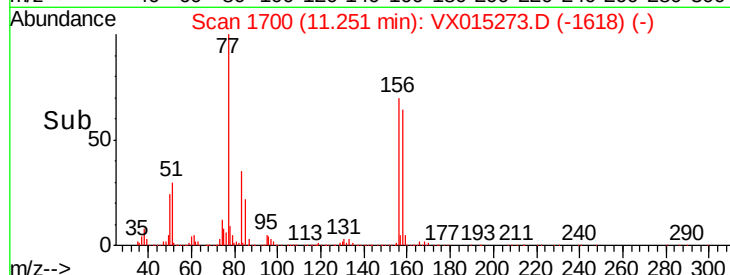
158 96.2 0.0 197.2



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: 18.546 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015273.D

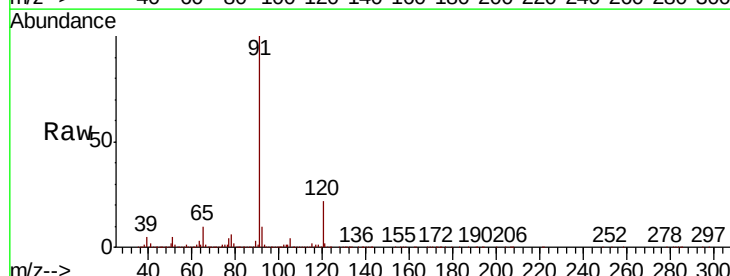
Acq: 13 Mar 2020 20:59

Tgt Ion: 91 Resp: 312747

Ion Ratio Lower Upper

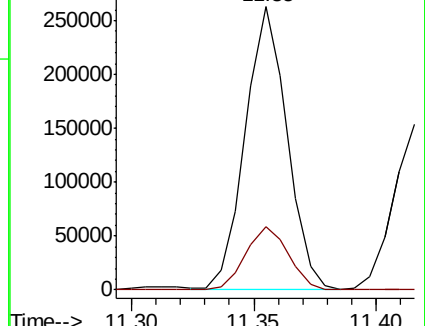
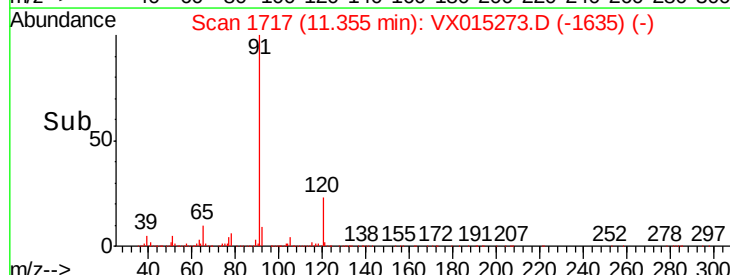
91 100

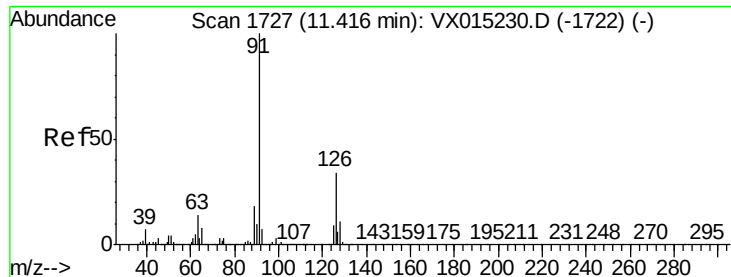
120 22.8 0.0 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.436 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

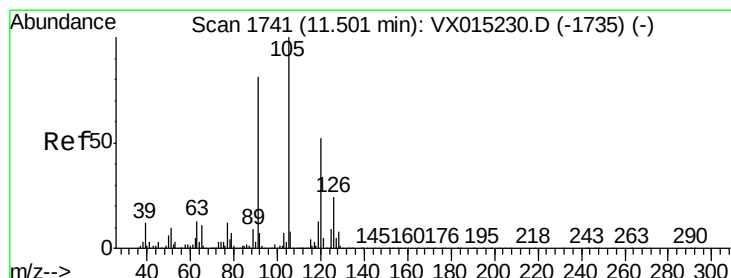
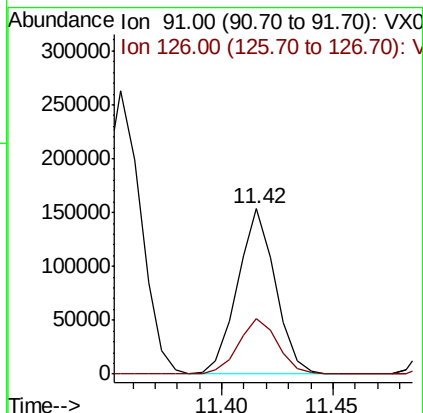
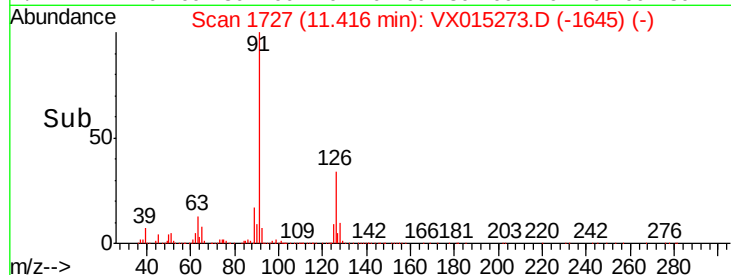
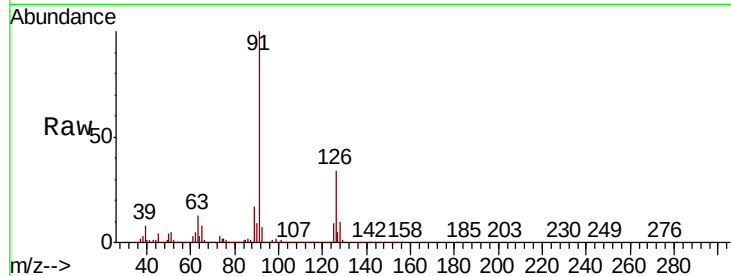
VSTDCCC020

Tot Ion: 91 Resp: 181516

Ion Ratio Lower Upper

91 100

126 34.8 0.0 69.8



#76

1,3,5-Trimethylbenzene

Concen: 18.140 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015273.D

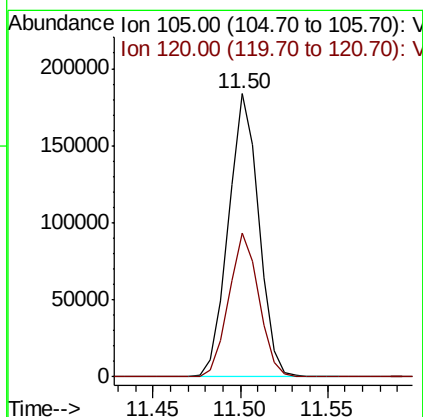
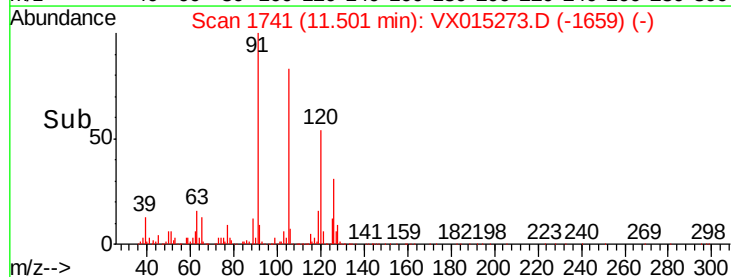
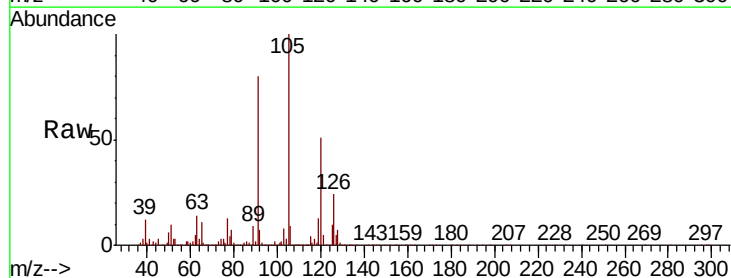
Acq: 13 Mar 2020 20:59

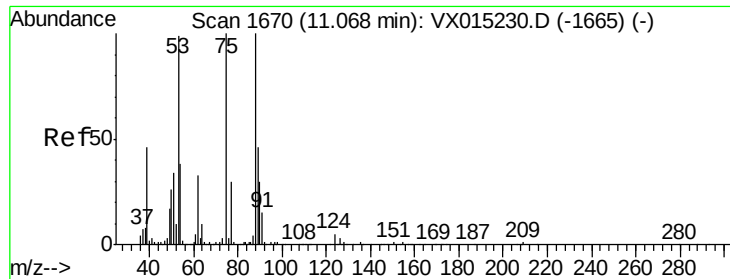
Tgt Ion: 105 Resp: 221036

Ion Ratio Lower Upper

105 100

120 50.4 0.0 101.2





#77

t-1,4-Dichloro-2-butene

Concen: 16.529 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

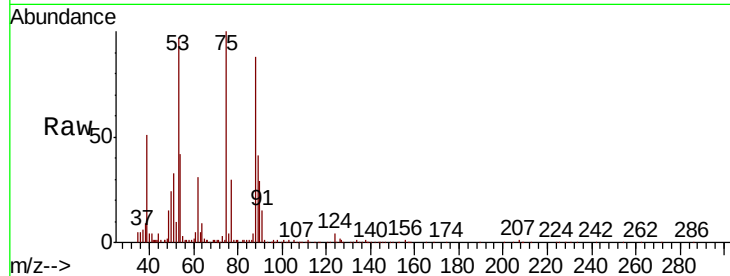
Tot Ion: 75 Resp: 26255

Ion Ratio Lower Upper

75 100

53 97.3 49.5 148.3

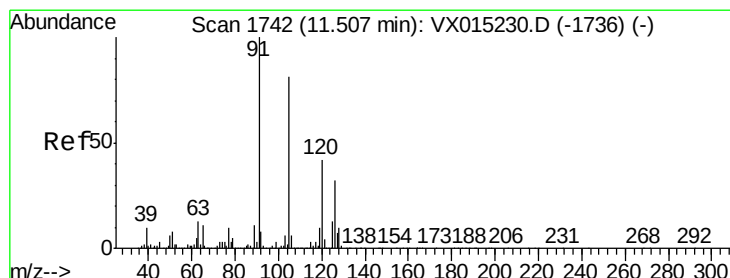
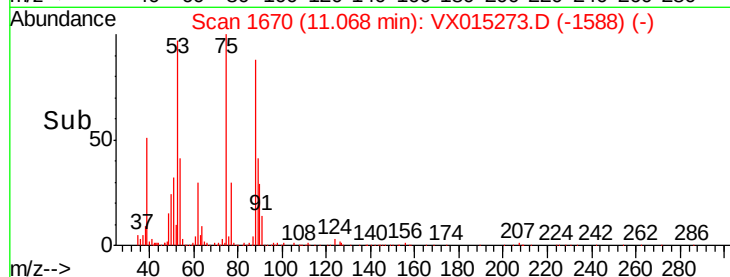
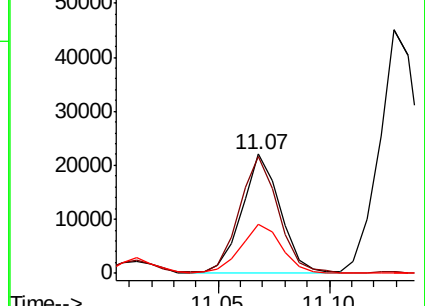
89 40.4 22.9 68.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.643 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015273.D

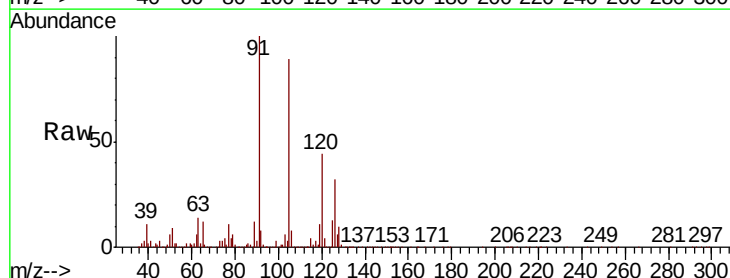
Acq: 13 Mar 2020 20:59

Tgt Ion: 91 Resp: 211323

Ion Ratio Lower Upper

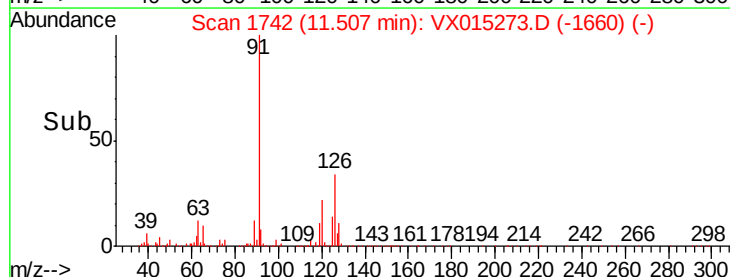
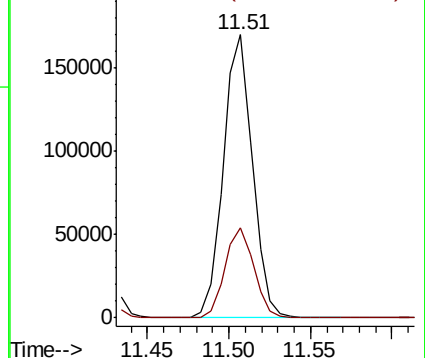
91 100

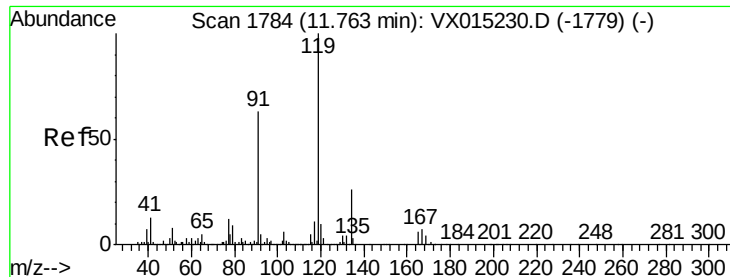
126 31.5 0.0 61.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

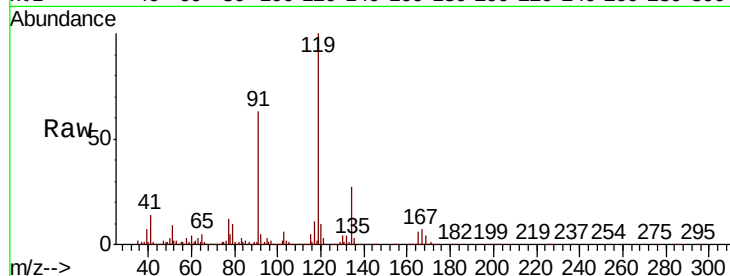




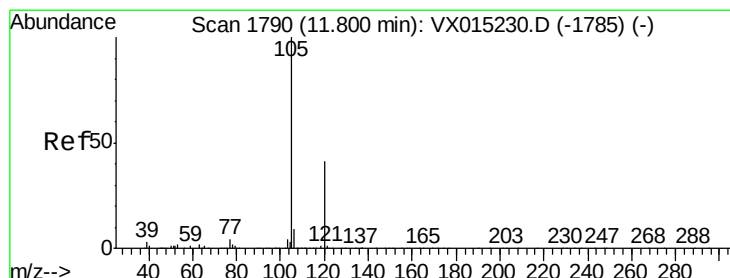
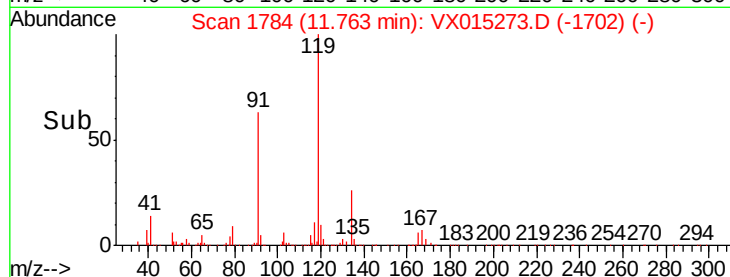
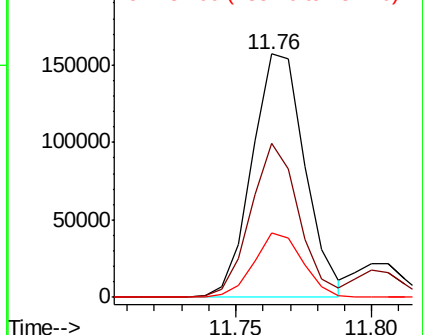
#79
tert-butylbenzene
Concen: 18.592 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	0.0	115.4
134	24.7	0.0	49.4

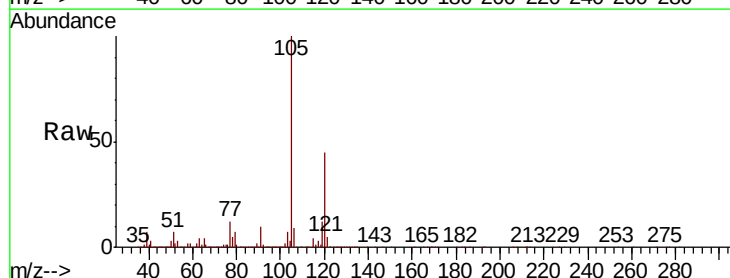


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

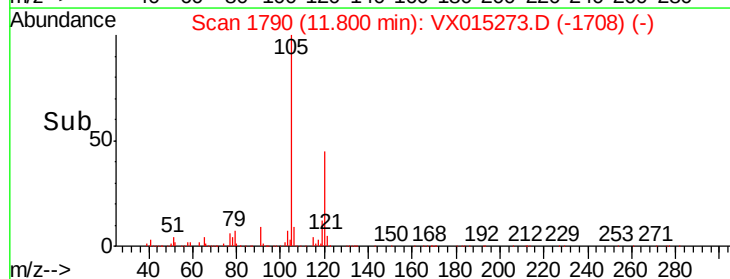
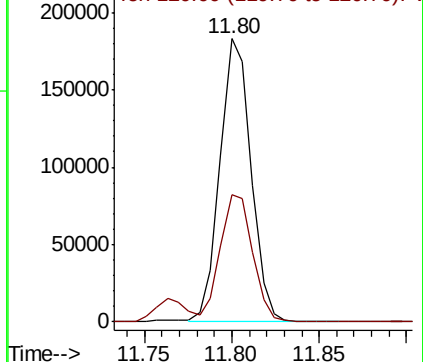


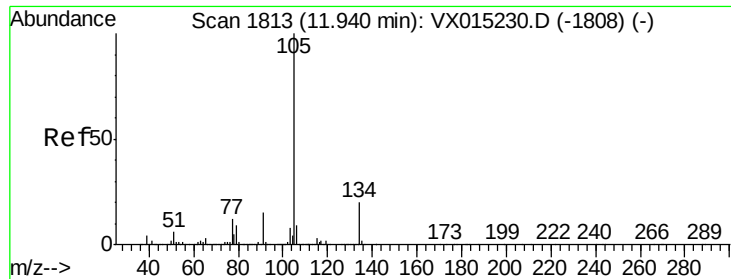
#80
1,2,4-Trimethylbenzene
Concen: 18.797 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	0.0	93.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

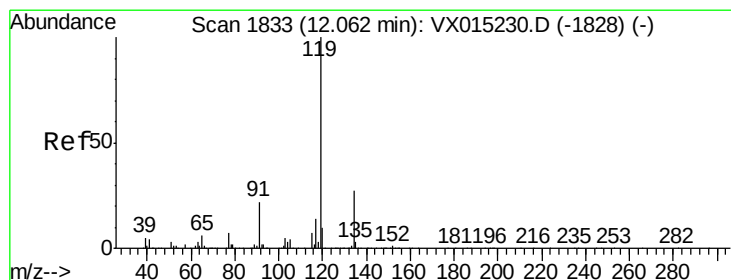
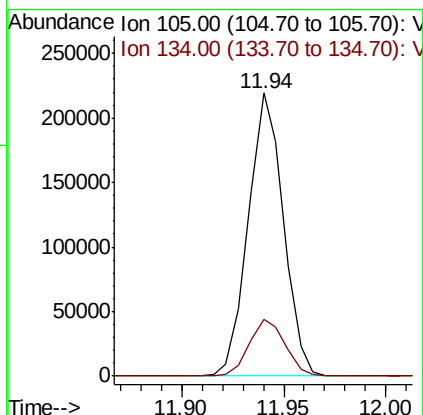
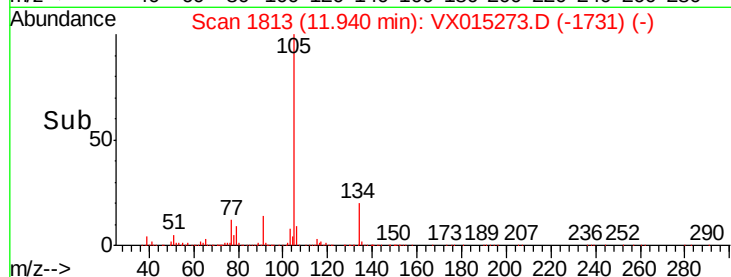
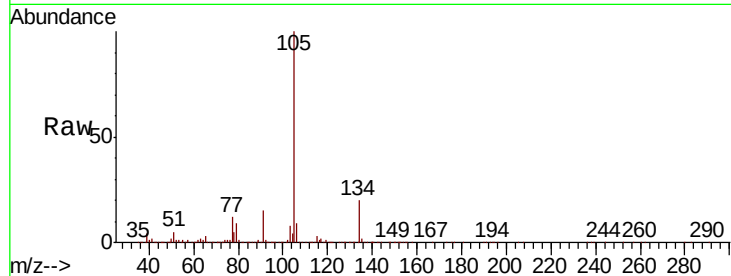




#81
 sec-Butylbenzene
 Concen: 18.536 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

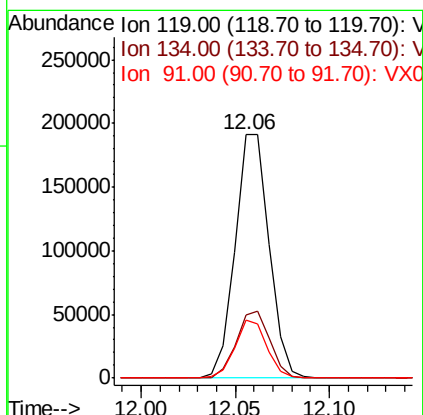
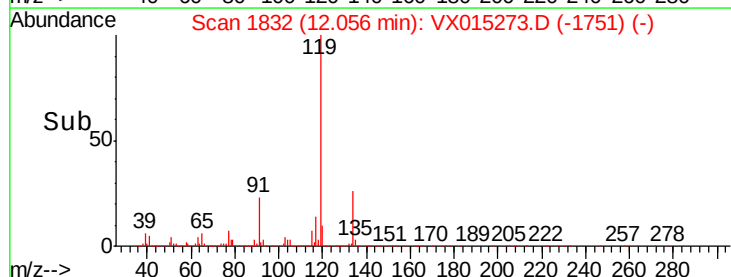
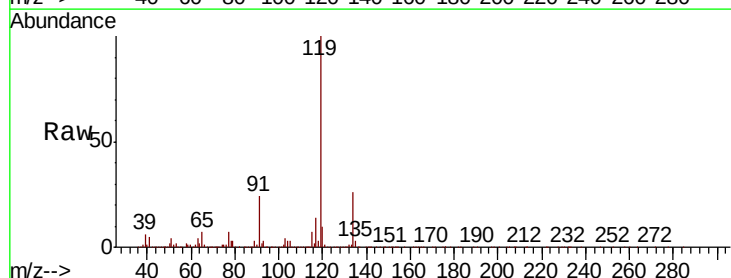
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

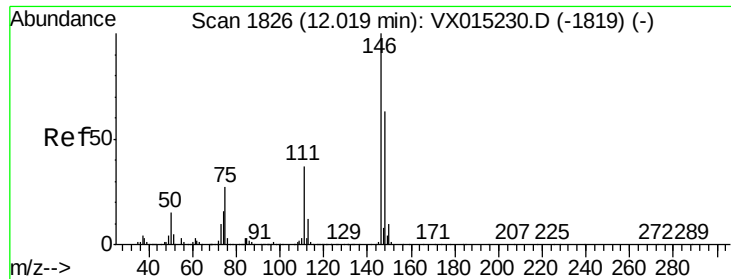
Tot Ion:105 Resp: 262791
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.8



#82
 p-Isopropyltoluene
 Concen: 18.362 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion:119 Resp: 239392
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 53.6
 91 22.6 0.0 43.6

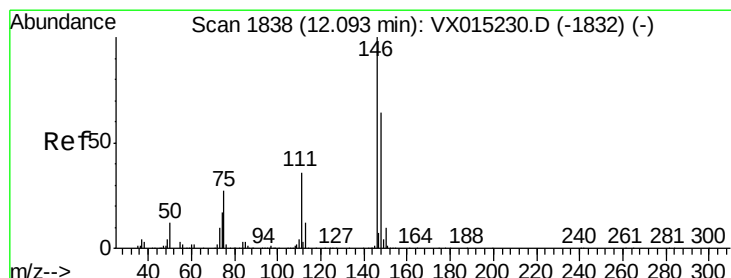
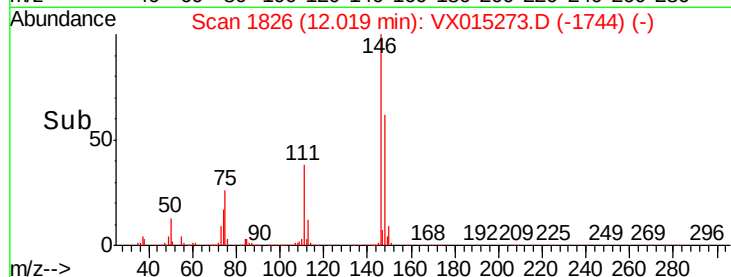
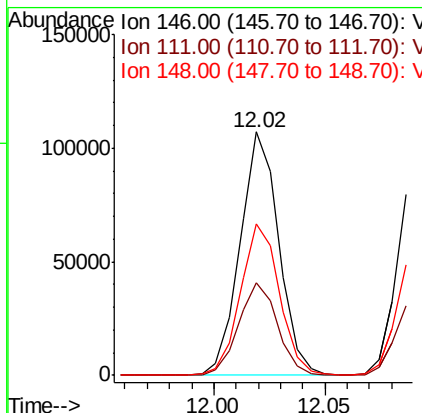
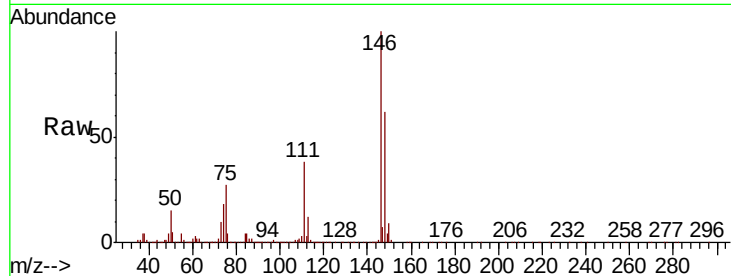




#83
 1,3-Dichlorobenzene
 Concen: 18.933 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

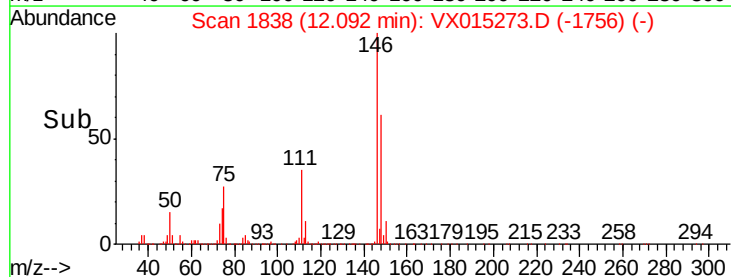
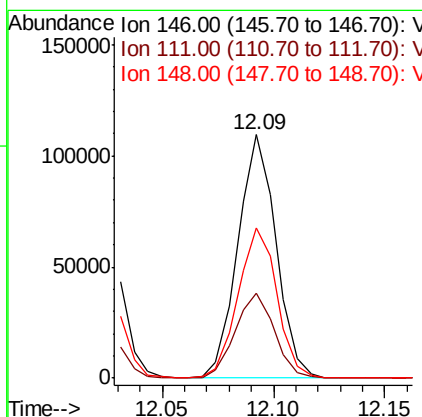
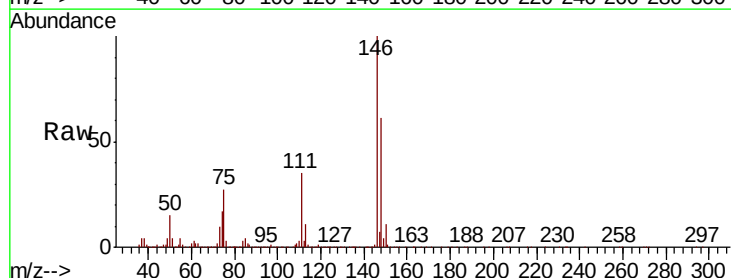
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

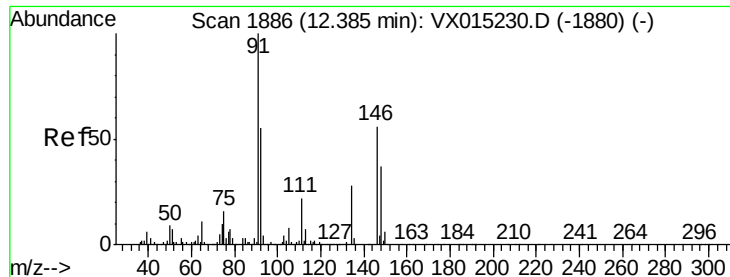
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.4
148	62.6	31.9	95.7



#84
 1,4-Dichlorobenzene
 Concen: 19.046 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.4	55.0
148	63.1	31.9	95.9





#85

n-Butylbenzene

Concen: 18.247 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

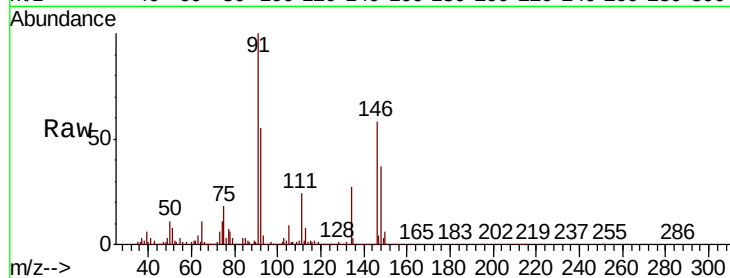
Tot Ion: 91 Resp: 208484

Ion Ratio Lower Upper

91 100

92 54.2 0.0 109.4

134 26.6 0.0 53.0

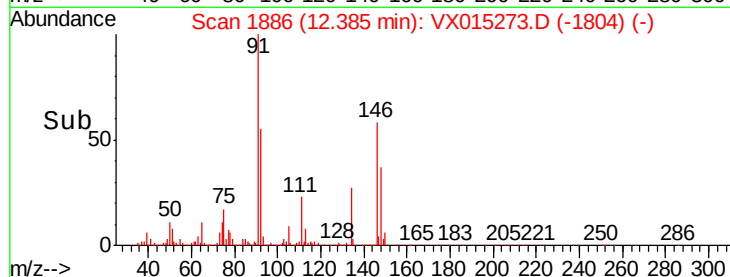


Abundance Ion 91.00 (90.70 to 91.70): VX015273.D (-1880) (-)

Ion 92.00 (91.70 to 92.70): VX015273.D (-1880) (-)

Ion 134.00 (133.70 to 134.70): VX015273.D (-1880) (-)

12.38



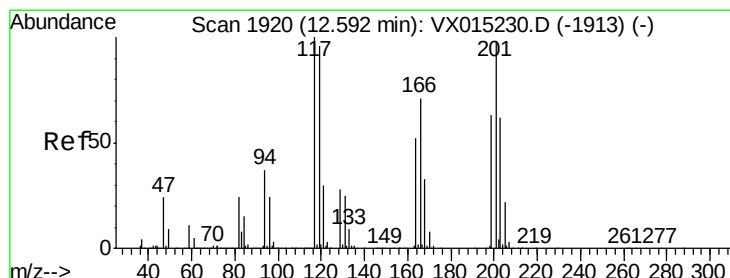
Abundance Ion 91.00 (90.70 to 91.70): VX015273.D (-1804) (-)

Ion 92.00 (91.70 to 92.70): VX015273.D (-1804) (-)

Ion 134.00 (133.70 to 134.70): VX015273.D (-1804) (-)

12.38

Time-->



#86

Hexachloroethane

Concen: 18.277 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX015273.D

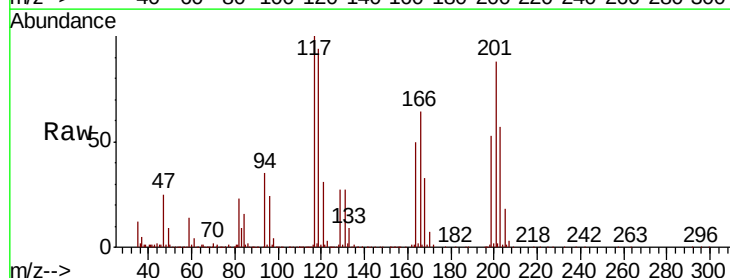
Acq: 13 Mar 2020 20:59

Tgt Ion: 117 Resp: 41714

Ion Ratio Lower Upper

117 100

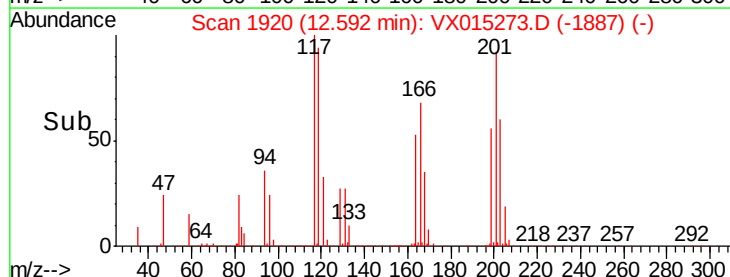
201 88.1 47.8 143.3



Abundance Ion 117.00 (116.70 to 117.70): VX015273.D (-1887) (-)

Ion 201.00 (200.70 to 201.70): VX015273.D (-1887) (-)

12.59

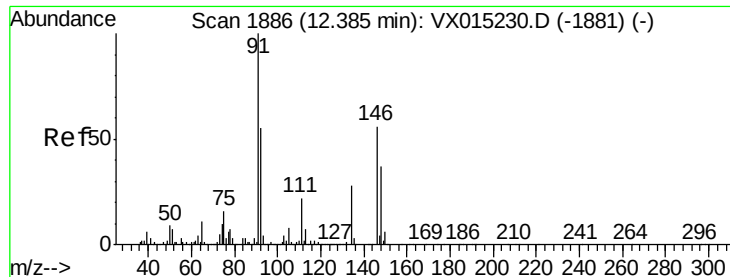


Abundance Ion 117.00 (116.70 to 117.70): VX015273.D (-1887) (-)

Ion 201.00 (200.70 to 201.70): VX015273.D (-1887) (-)

12.59

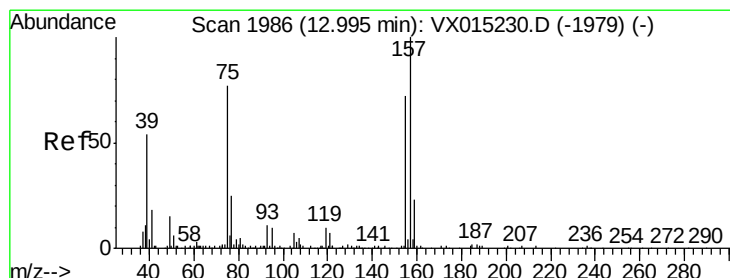
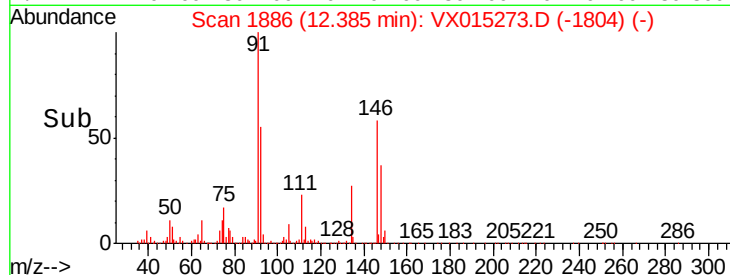
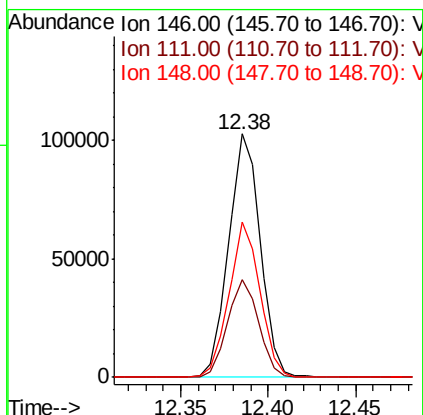
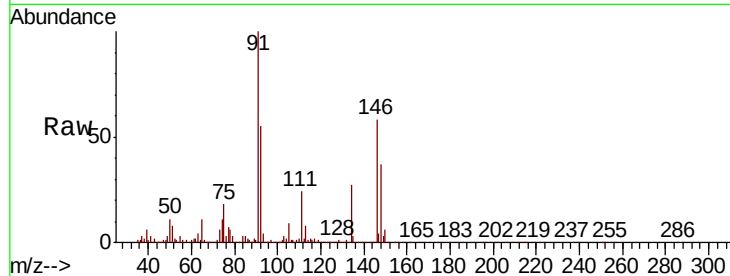
Time-->



#87
 1,2-Dichlorobenzene
 Concen: 19.203 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

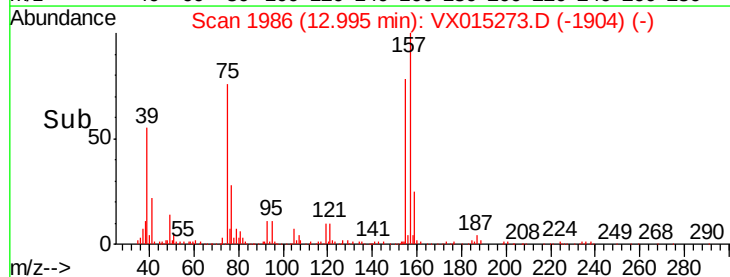
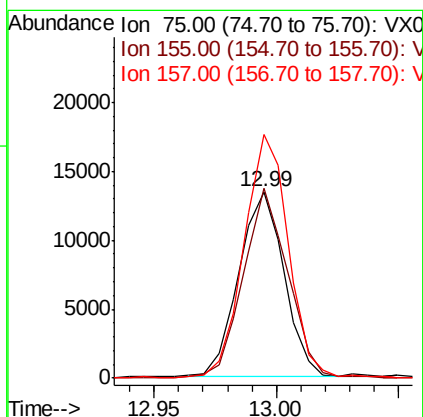
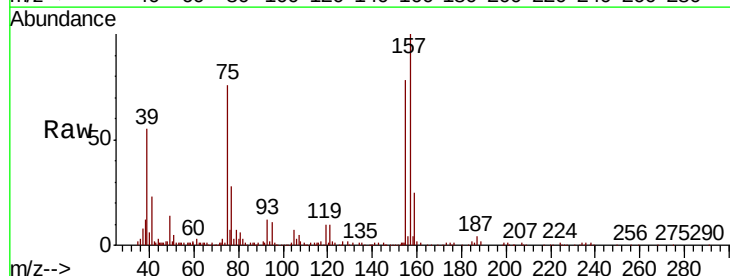
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

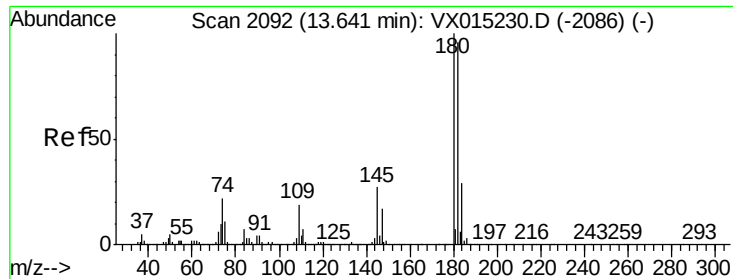
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.4
148	62.9	32.4	97.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.114 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.0	77.5	116.3
157	128.6	103.0	154.4

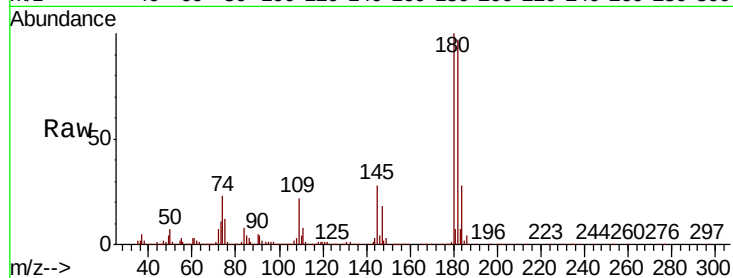




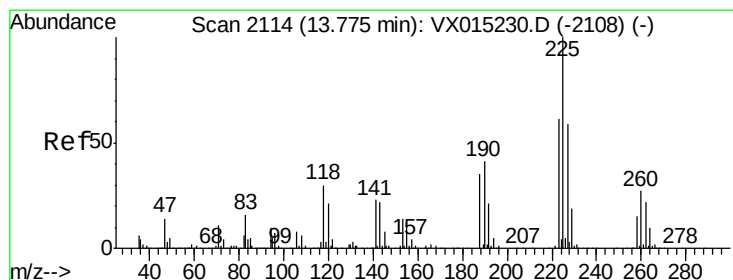
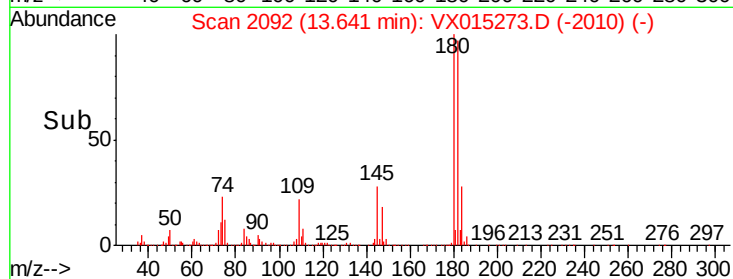
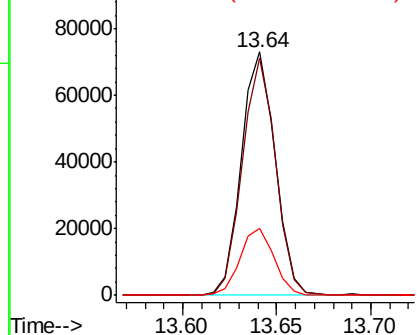
#89
 1,2,4-Trichlorobenzene
 Concen: 18.348 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:180 Resp: 90952
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 115.0
 145 27.9 22.7 34.1

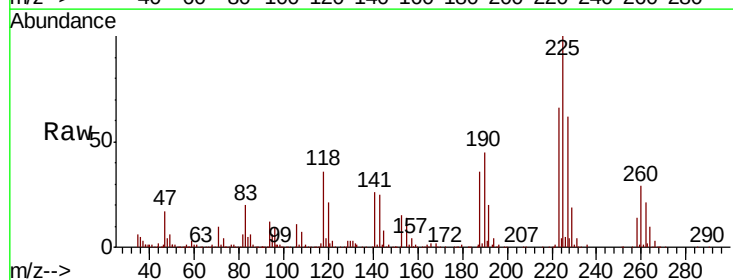


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

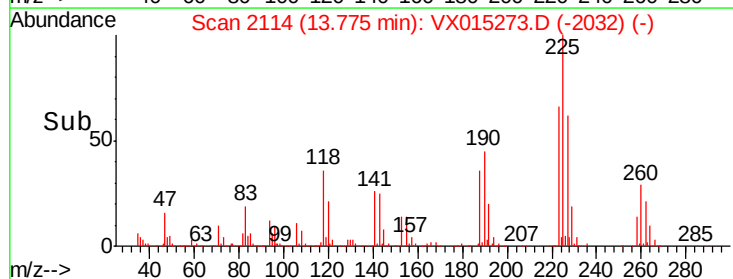
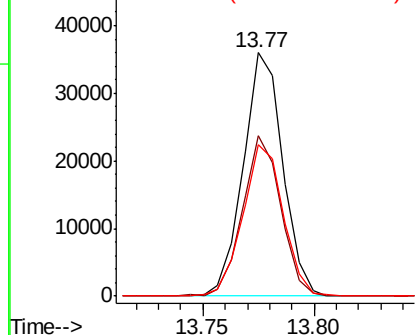


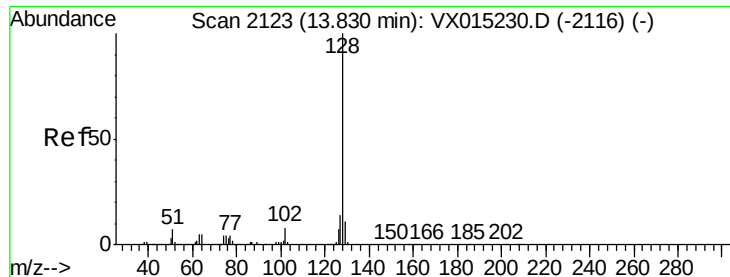
#90
 Hexachlorobutadiene
 Concen: 17.508 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion:225 Resp: 44651
 Ion Ratio Lower Upper
 225 100
 223 63.5 0.0 125.0
 227 63.1 0.0 126.2



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

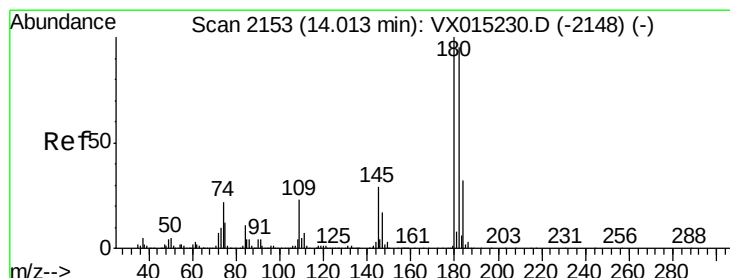
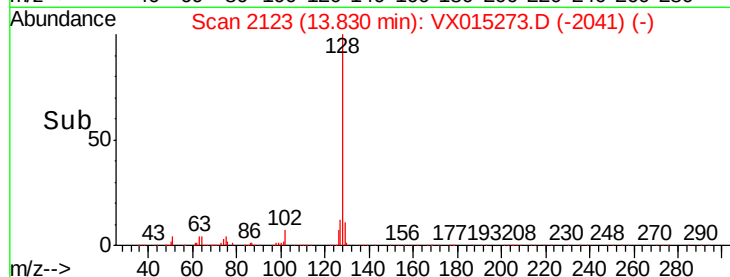
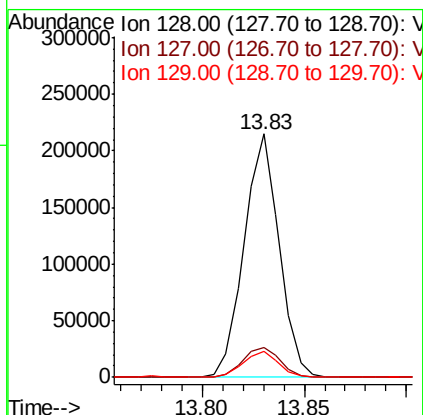
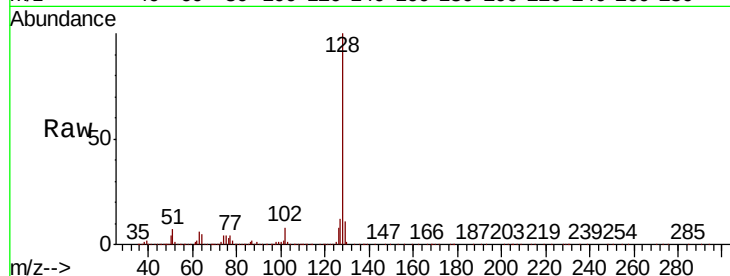




#91
Naphthalene
Concen: 18.653 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.8	16.2
129	11.0	8.7	13.1



#92
1,2,3-Trichlorobenzene
Concen: 18.700 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	0.0	192.0
145	28.8	0.0	60.0

