

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015611.D
 Acq On : 10 Apr 2020 11:18
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 11 00:18:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	201664	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	1104275	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	1009046	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	473359	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	11.12	95	517415	29.96	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.87%
63) Toluene-d8	8.70	98	1296665	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	168529	17.500	ug/l 98
3) Chloromethane	1.31	50	209524	17.629	ug/l 99
4) Vinyl Chloride	1.39	62	212956	18.625	ug/l 98
5) Bromomethane	1.63	94	133693	21.964	ug/l 99
6) Chloroethane	1.72	64	139278	19.525	ug/l 97
7) Trichlorofluoromethane	1.92	101	313509	19.186	ug/l 94
8) Diethyl Ether	2.17	74	125242	19.921	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	204988	18.962	ug/l 99
10) 1,1-Dichloroethene	2.36	96	198347	18.063	ug/l 93
11) Methyl Iodide	2.49	142	249212	17.078	ug/l 100
12) Methyl Acetate	2.75	43	293963	18.295	ug/l 97
13) Acrolein	2.27	56	227254	108.721	ug/l 95
14) Acrylonitrile	3.11	53	633991	92.164	ug/l 99
15) Acetone	2.42	58	236820	135.390	ug/l 87
16) Carbon Disulfide	2.55	76	555707	17.312	ug/l 99
17) Allyl chloride	2.71	41	438659	17.694	ug/l 97
18) Methylene Chloride	2.83	84	233196	18.915	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	222199	18.706	ug/l 96
20) Diisopropyl ether	3.83	45	844080	18.983	ug/l 92
21) 1,1-Dichloroethane	3.67	63	426086	18.772	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	255766	18.691	ug/l 99
23) tert-Butyl Alcohol	3.00	59	262275	77.514	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	769715	18.880	ug/l 100
25) Chloroform	5.18	83	424080	18.902	ug/l 99
26) Cyclohexane	5.55	56	391666	18.061	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	322960	19.466	ug/l 99
30) 2-Butanone	4.63	43	1067406	107.325	ug/l 99
31) 2,2-Dichloropropane	4.55	77	392493	19.659	ug/l 98
32) 1,1,1-Trichloroethane	5.47	97	385023	19.021	ug/l 98
33) Carbon Tetrachloride	5.75	117	348137	18.873	ug/l 96
34) Benzene	6.11	78	920237	19.245	ug/l 99
35) Methacrylonitrile	5.00	41	210332	18.650	ug/l 97
36) 1,2-Dichloroethane	6.16	62	373253	20.201	ug/l 99
37) Trichloroethene	7.19	130	259158	19.249	ug/l 94
38) Methylcyclohexane	7.44	83	386599	19.008	ug/l 99
39) 1,2-Dichloropropane	7.49	63	241639	18.814	ug/l 97
40) Dibromomethane	7.64	93	163851	19.167	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	342147	18.416	ug/l	99
42) Vinyl Acetate	3.78	43	3737999	99.194	ug/l	100
43) Ethyl Acetate	4.80	43	376745	17.415	ug/l	96
44) Isopropyl Acetate	6.41	43	642262	18.447	ug/l	100
45) 1,4-Dioxane	7.71	88	99887	311.431	ug/l	98
46) Methyl methacrylate	7.75	41	322717	18.575	ug/l	97
47) n-amyl Acetate	10.88	43	551548	18.373	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	395767	18.453	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	414258	18.713	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	236770	19.300	ug/l	97
51) Ethyl methacrylate	9.16	69	389020	18.437	ug/l	97
52) 1,3-Dichloropropane	9.36	76	417499	19.703	ug/l	99
53) Dibromochloromethane	9.56	129	273507	18.085	ug/l	99
54) 1,2-Dibromoethane	9.65	107	251223	19.084	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	999735	100.321	ug/l	99
56) Bromoform	10.84	173	216294	17.394	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	1854963	96.053	ug/l	100
59) 2-Hexanone	9.47	43	1472670	100.238	ug/l	99
61) Tetrachloroethene	9.32	164	251553	19.395	ug/l	96
62) Toluene	8.76	91	999540	19.557	ug/l	99
64) Chlorobenzene	10.12	112	641242	19.514	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	250980	18.691	ug/l	99
66) Ethyl Benzene	10.24	91	1152244	19.735	ug/l	99
67) m/p-Xylenes	10.34	106	871412	39.432	ug/l	97
68) o-Xylene	10.68	106	419942	19.441	ug/l	99
69) Styrene	10.70	104	731162	19.429	ug/l	99
70) Isopropylbenzene	11.00	105	1145074	19.997	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	353470	19.045	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	417657	24.050	ug/l	89
73) Bromobenzene	11.24	156	299070	19.456	ug/l	96
74) n-propylbenzene	11.34	91	1307500	19.907	ug/l	99
75) 2-Chlorotoluene	11.40	91	777983	19.475	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	978559	19.900	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	123581	16.513	ug/l	89
78) 4-Chlorotoluene	11.50	91	926510	20.048	ug/l	99
79) tert-butylbenzene	11.76	119	948896	19.307	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	977796	19.629	ug/l	99
81) sec-Butylbenzene	11.93	105	1115180	19.780	ug/l	100
82) p-Isopropyltoluene	12.05	119	1061844	19.983	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	534854	19.351	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	555875	20.153	ug/l	99
85) n-Butylbenzene	12.37	91	935505	19.752	ug/l	100
86) Hexachloroethane	12.58	117	175477	17.086	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	516876	19.168	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	85339	17.457	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	414333	19.074	ug/l	98
90) Hexachlorobutadiene	13.77	225	192397	16.813	ug/l	97
91) Naphthalene	13.82	128	1203243	19.129	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	402392	18.647	ug/l	99

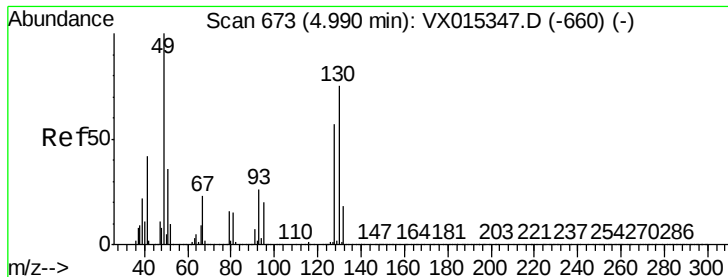
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

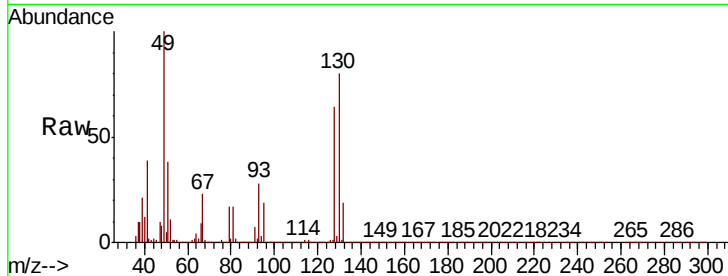
Tot Ion:128 Resp: 201664

Ion Ratio Lower Upper

128 100

49 167.7 0.0 428.0

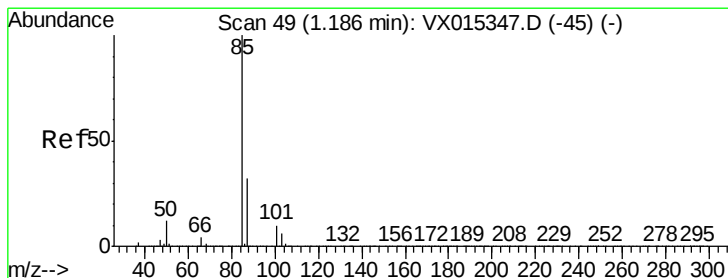
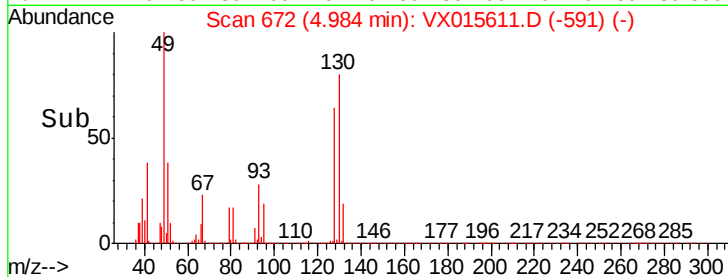
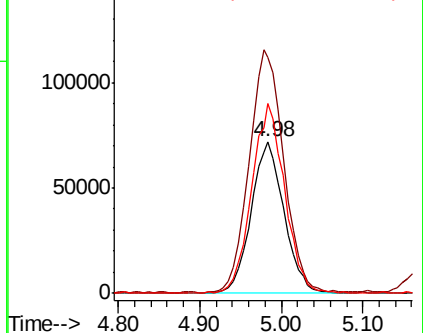
130 125.4 0.0 324.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.500 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015611.D

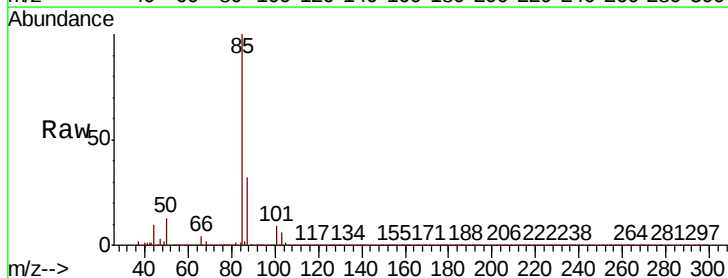
Acq: 10 Apr 2020 11:18

Tgt Ion: 85 Resp: 168529

Ion Ratio Lower Upper

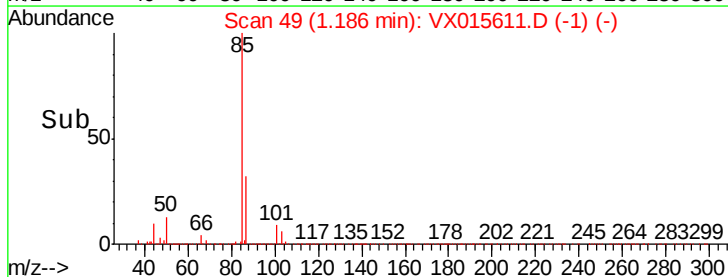
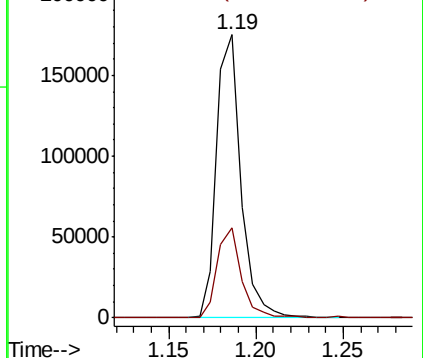
85 100

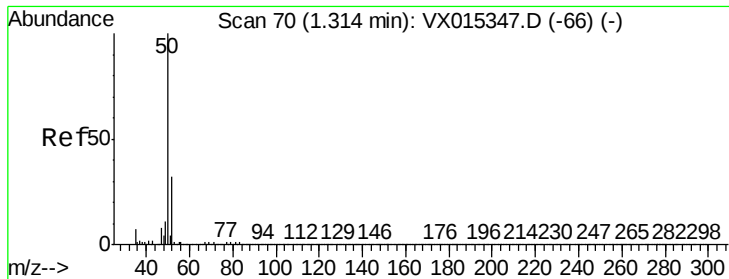
87 31.6 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

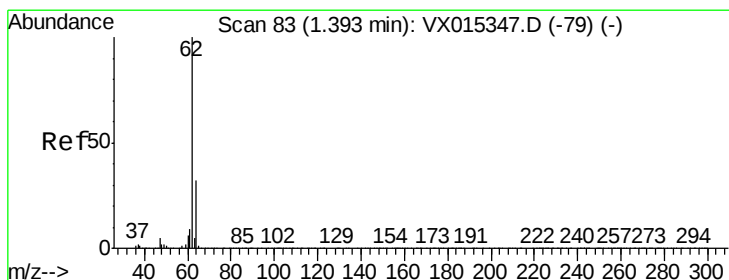
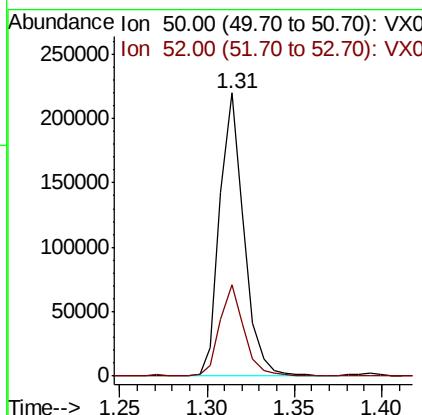
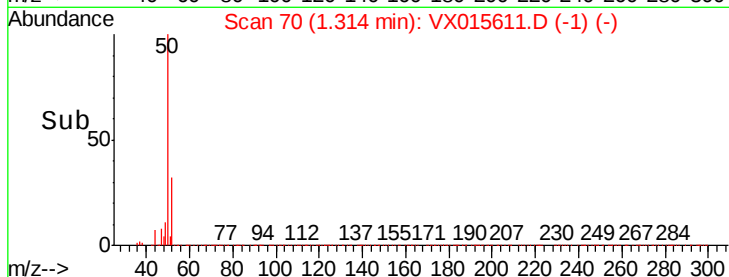
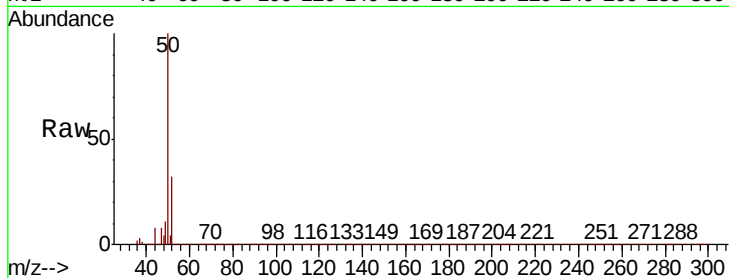




#3
Chloromethane
Concen: 17.629 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

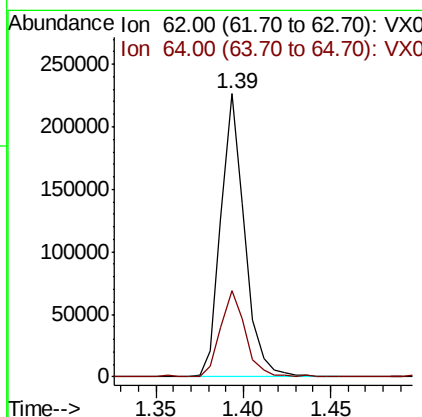
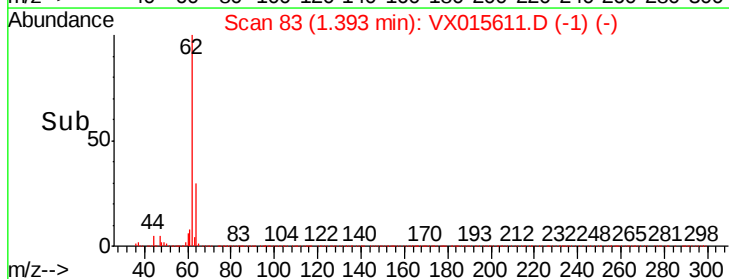
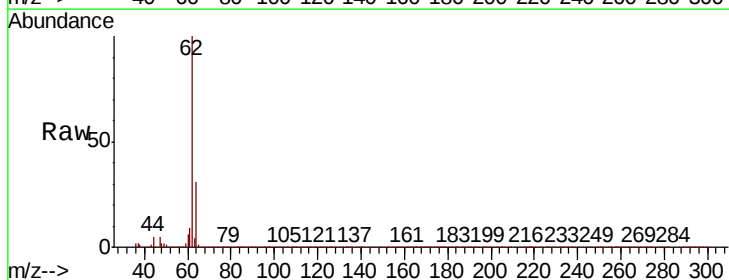
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

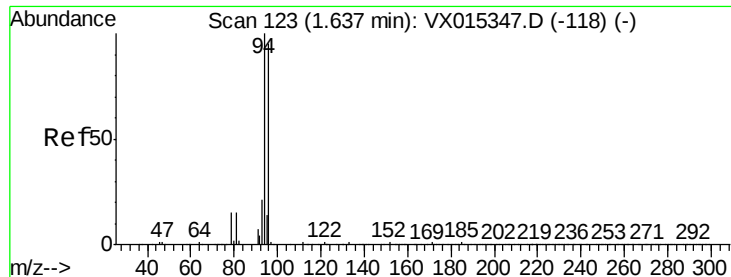
Tot Ion: 50 Resp: 209524
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3



#4
Vinyl Chloride
Concen: 18.625 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 62 Resp: 212956
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.0





#5

Bromomethane

Concen: 21.964 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

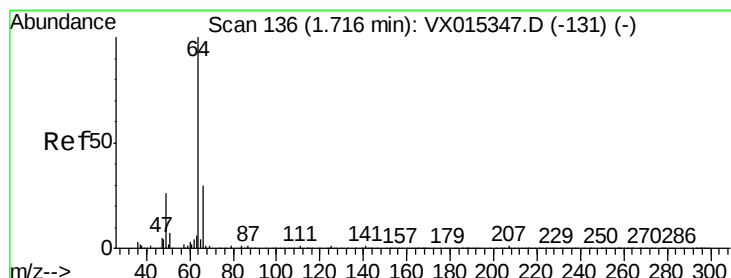
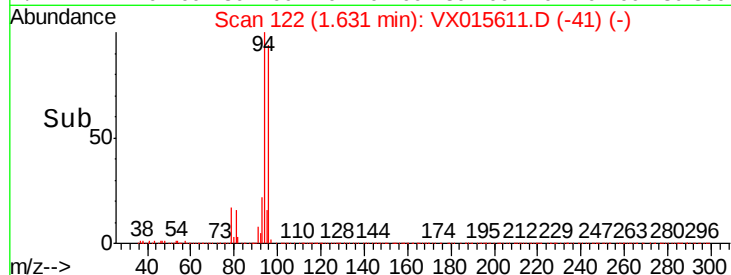
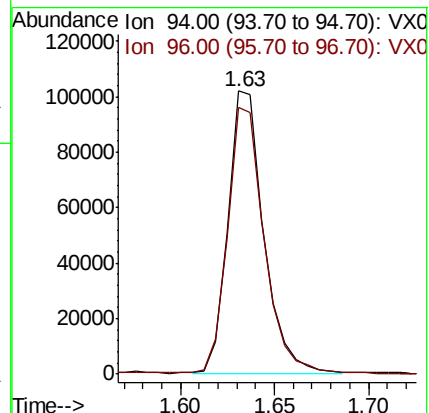
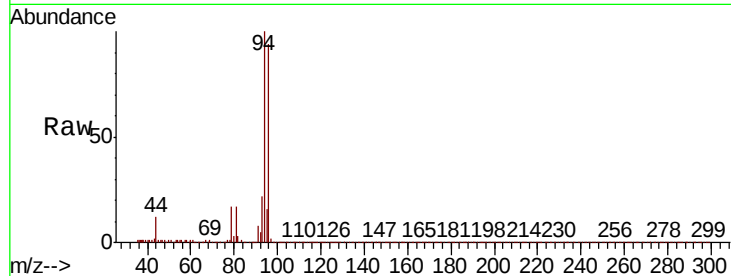
VSTDCCC020

Tot Ion: 94 Resp: 133693

Ion Ratio Lower Upper

94 100

96 94.4 76.1 114.1



#6

Chloroethane

Concen: 19.525 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015611.D

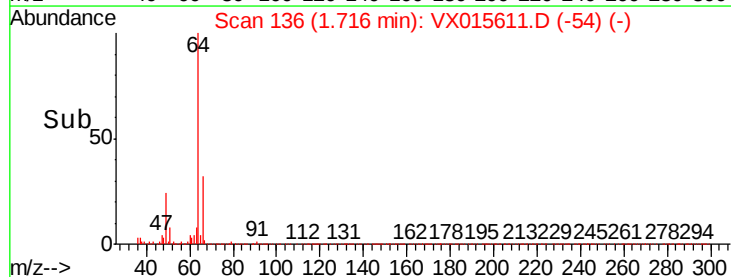
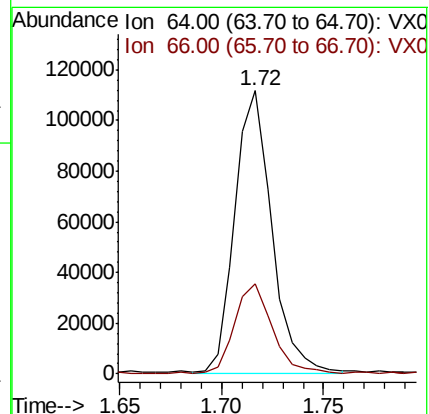
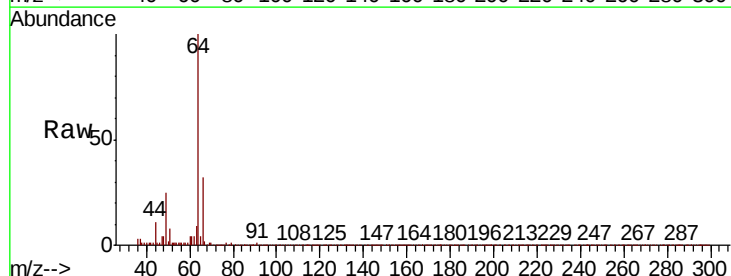
Acq: 10 Apr 2020 11:18

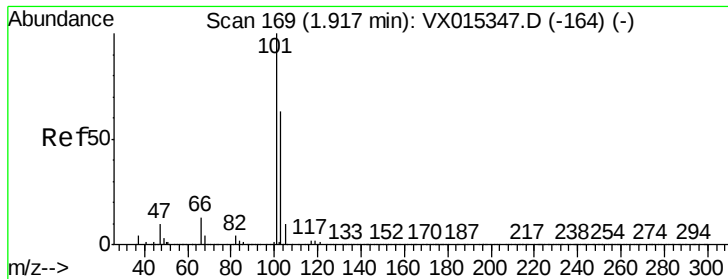
Tgt Ion: 64 Resp: 139278

Ion Ratio Lower Upper

64 100

66 31.8 24.3 36.5



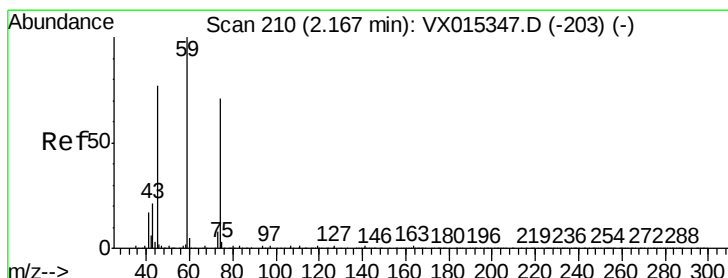
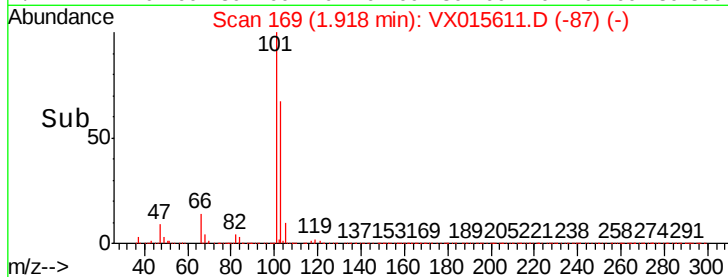
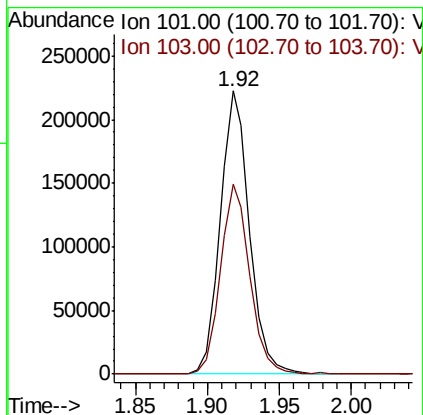
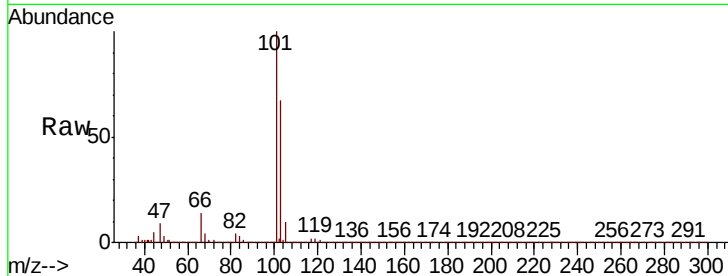


#7

Trichlorofluoromethane
Concen: 19.186 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

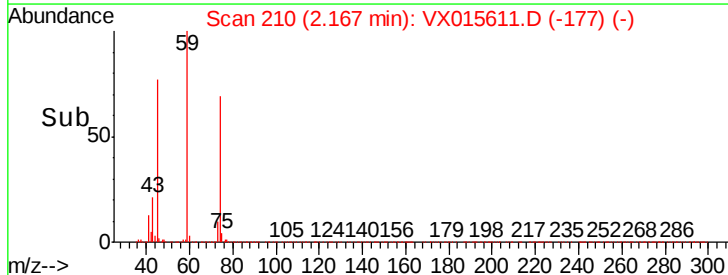
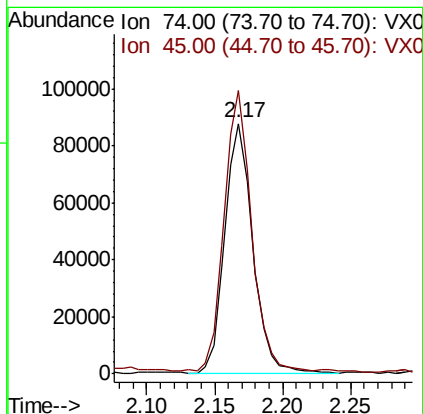
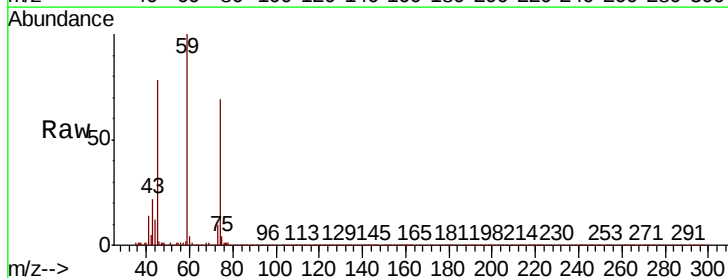
Tot Ion:101 Resp: 313509
Ion Ratio Lower Upper
101 100
103 66.9 49.9 74.9

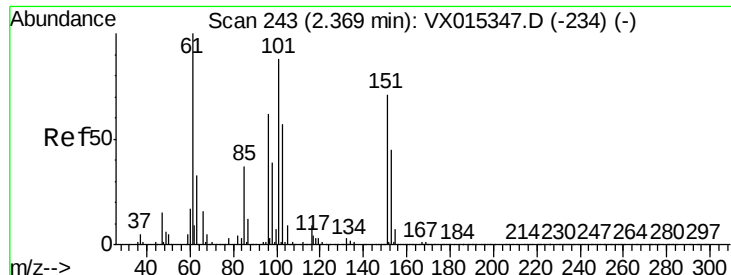


#8

Diethyl Ether
Concen: 19.921 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 74 Resp: 125242
Ion Ratio Lower Upper
74 100
45 110.4 21.8 196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.962 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

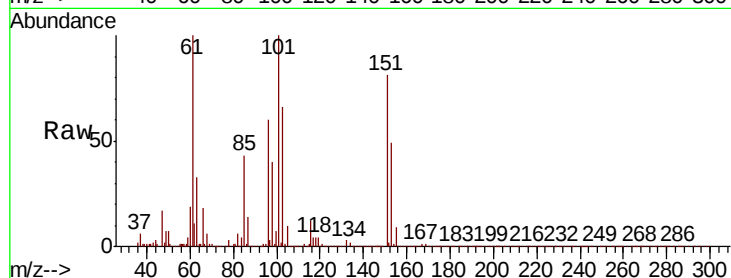
Tot Ion:101 Resp: 204988

Ion Ratio Lower Upper

101 100

85 43.9 0.0 85.8

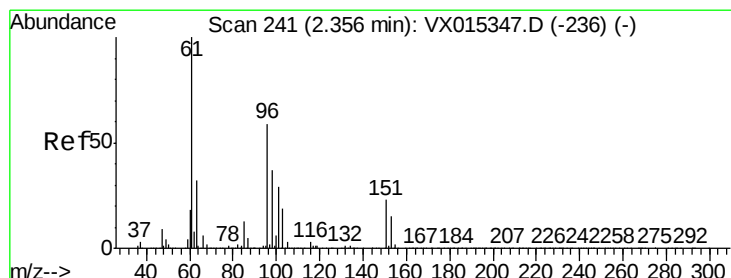
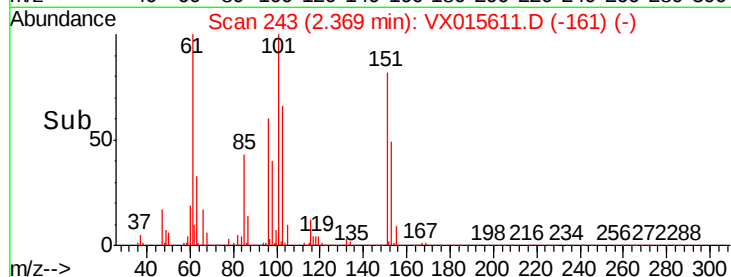
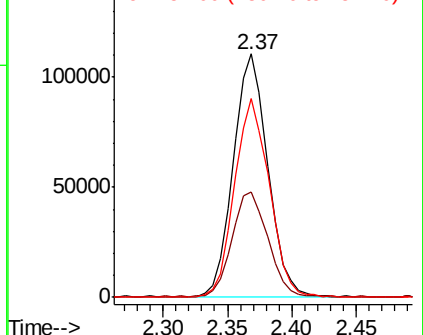
151 83.1 0.0 164.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.063 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

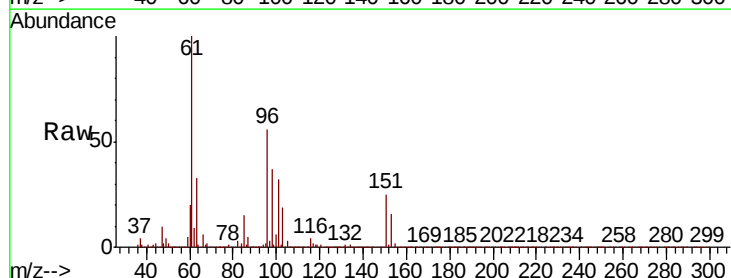
Tgt Ion: 96 Resp: 198347

Ion Ratio Lower Upper

96 100

61 179.2 135.5 203.3

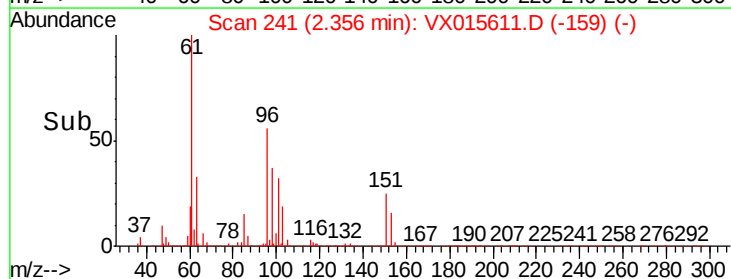
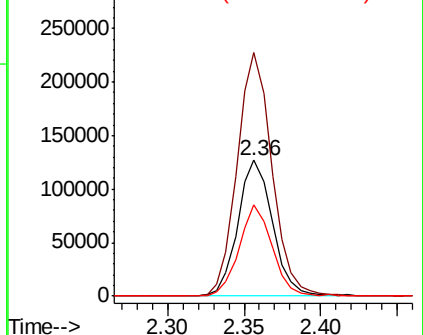
98 66.7 50.2 75.2

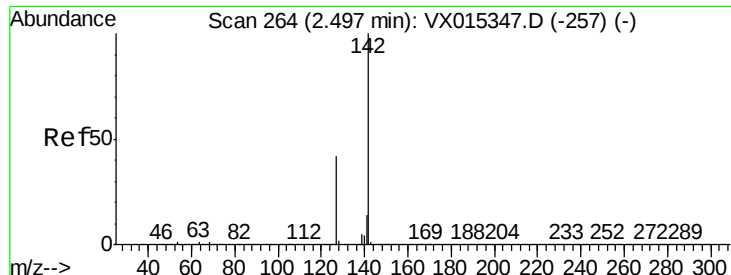


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

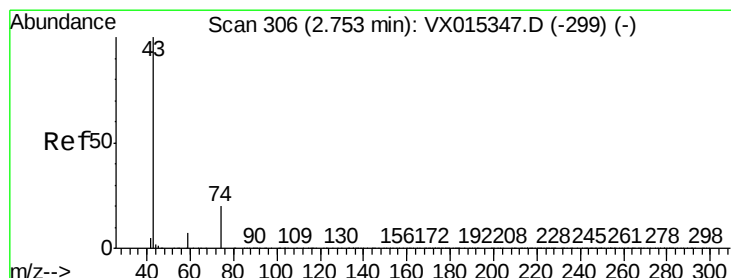
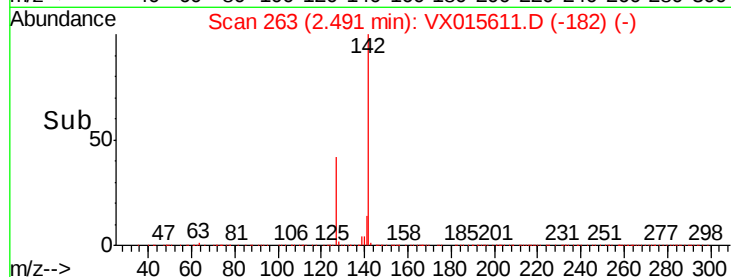
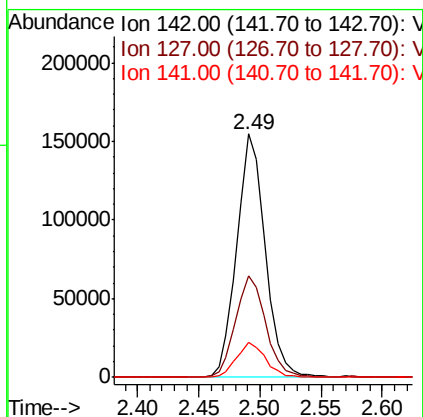
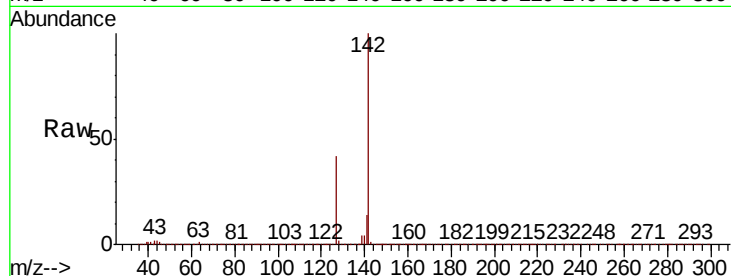




#11
Methvl Iodide
Concen: 17.078 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

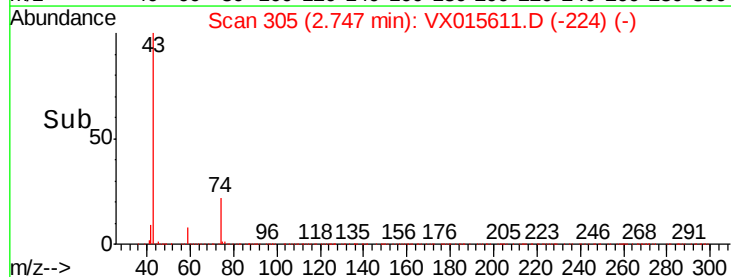
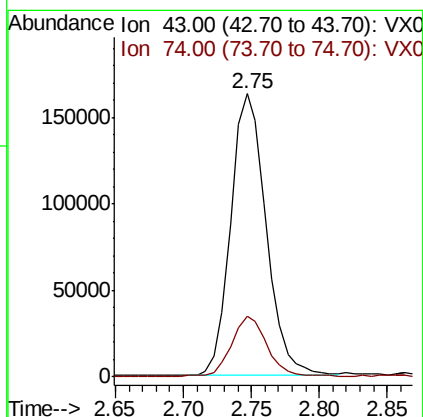
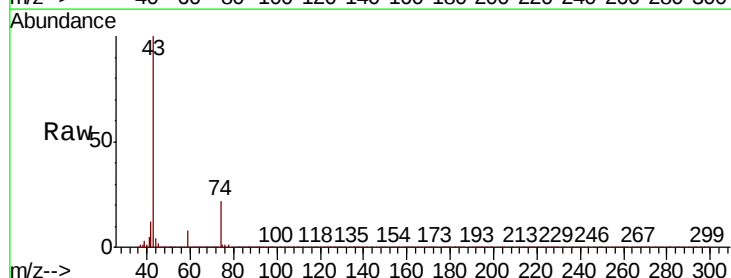
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

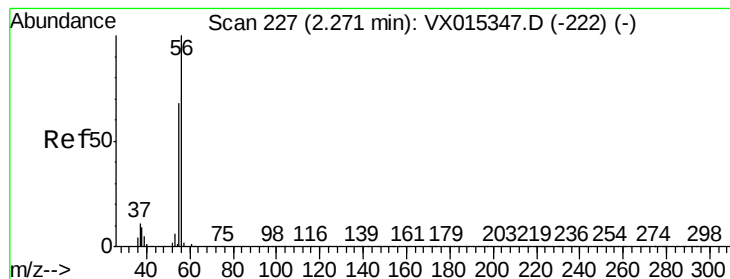
Tot Ion	Ratio	Lower	Upper
142	100		
127	41.9	21.0	63.0
141	13.8	6.9	20.7



#12
Methyl Acetate
Concen: 18.295 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	15.8	23.6





#13

Acrolein

Concen: 108.721 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

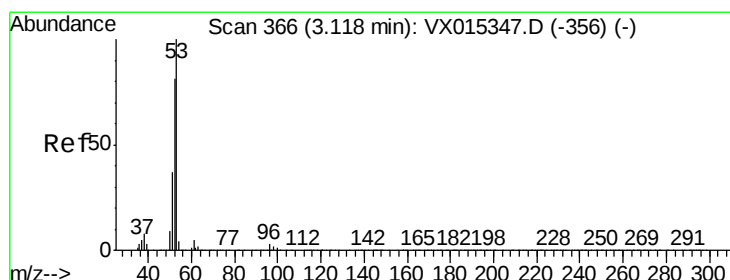
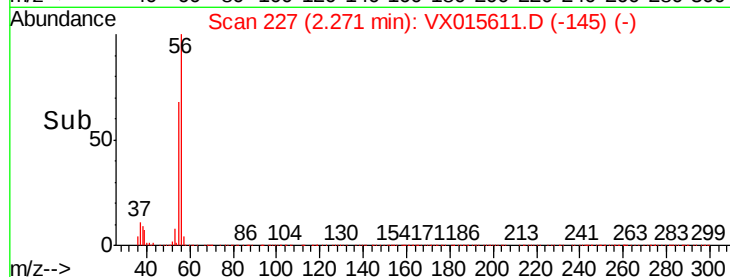
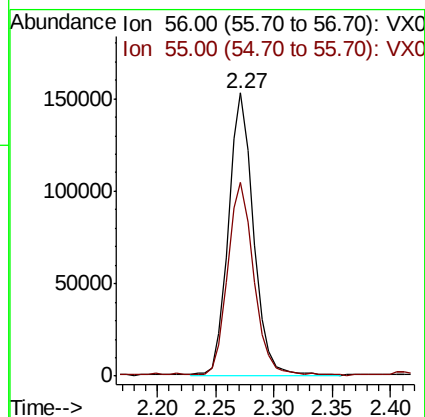
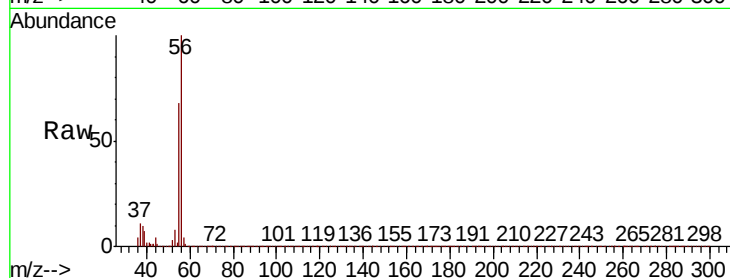
VSTDCCC020

Tot Ion: 56 Resp: 227254

Ion Ratio Lower Upper

56 100

55 70.7 53.5 80.3



#14

Acrylonitrile

Concen: 92.164 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

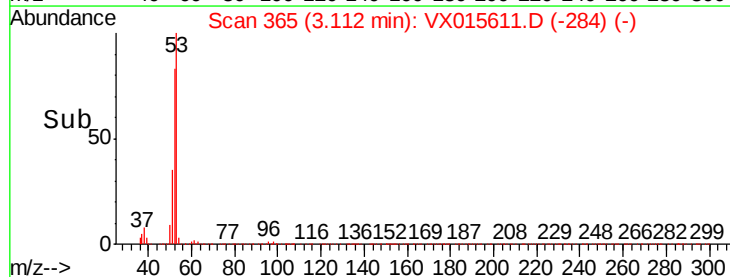
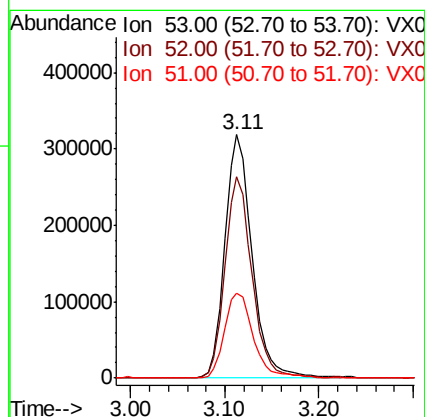
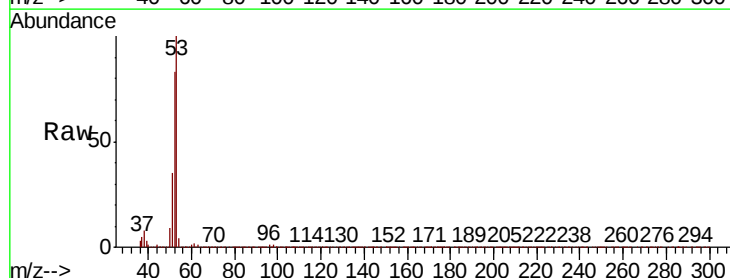
Tgt Ion: 53 Resp: 633991

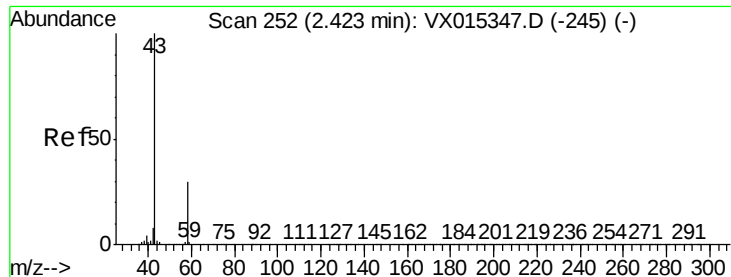
Ion Ratio Lower Upper

53 100

52 82.8 41.0 123.2

51 37.0 18.4 55.4





#15

Acetone

Concen: 135.390 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

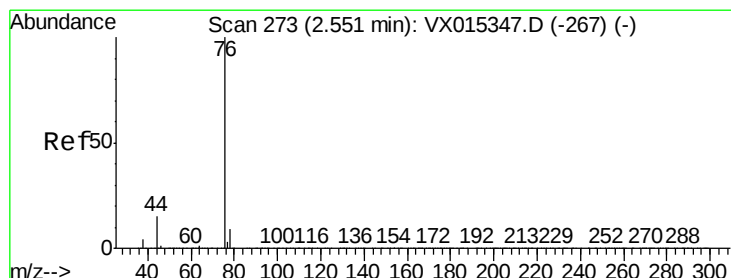
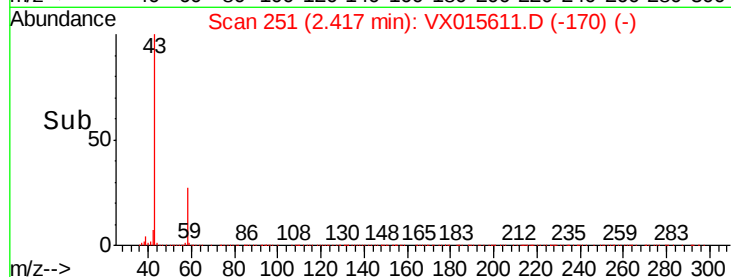
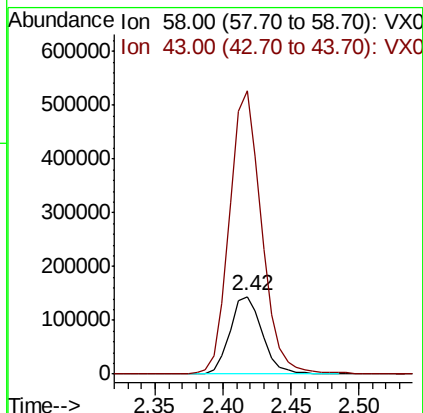
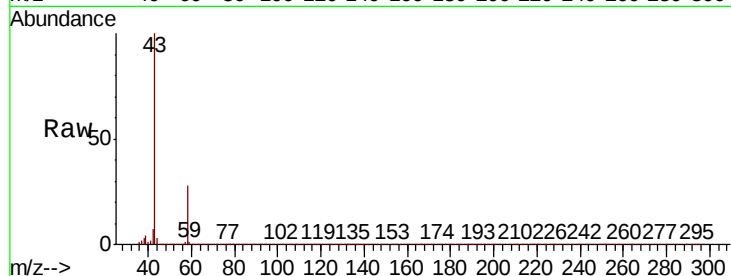
VSTDCCC020

Tot Ion: 58 Resp: 236820

Ion Ratio Lower Upper

58 100

43 363.2 267.8 401.8



#16

Carbon Disulfide

Concen: 17.312 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015611.D

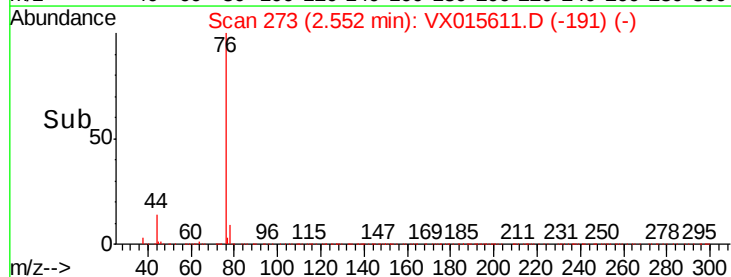
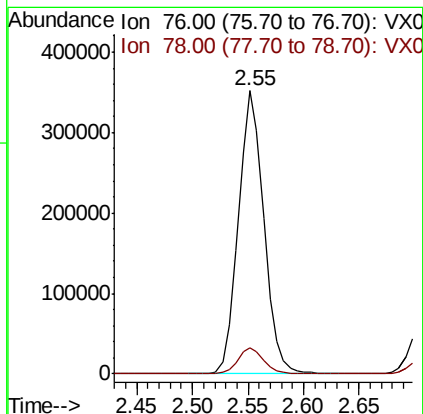
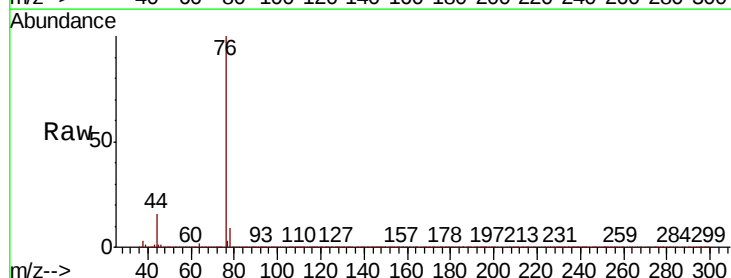
Acq: 10 Apr 2020 11:18

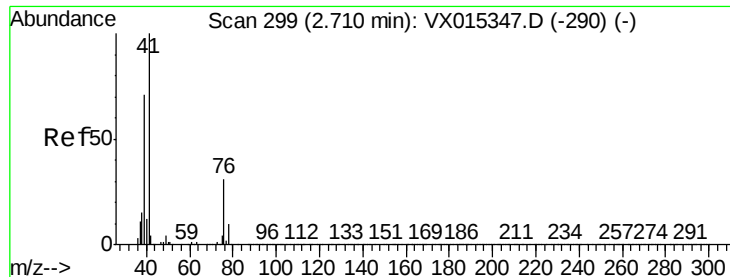
Tgt Ion: 76 Resp: 555707

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

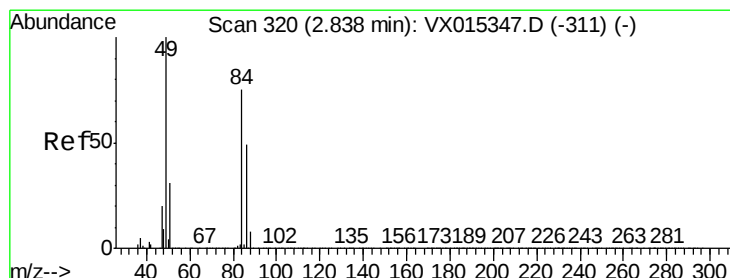
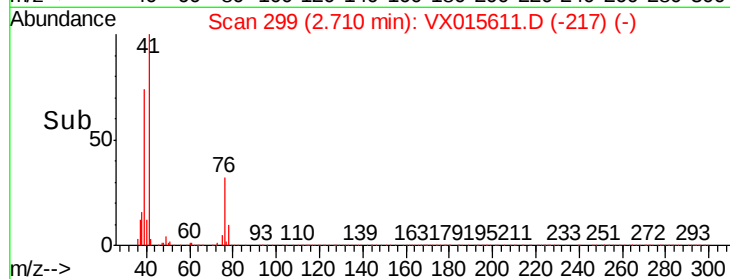
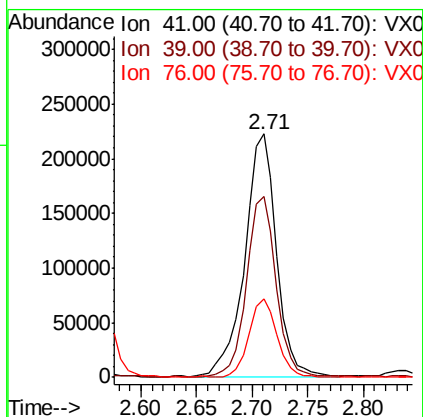
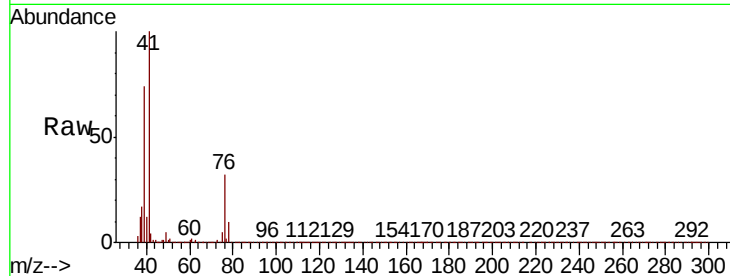




#17
Allvl chloride
Concen: 17.694 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

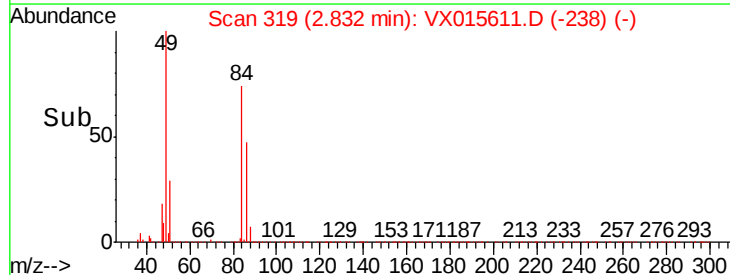
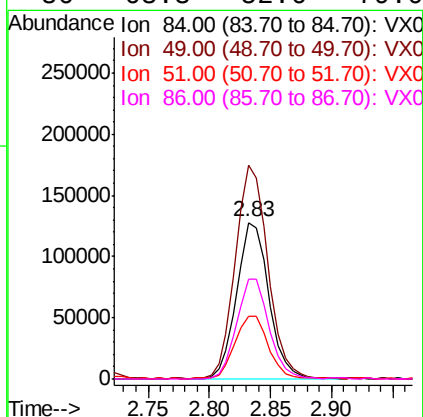
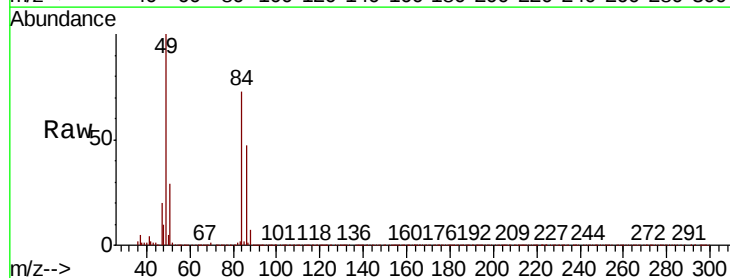
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

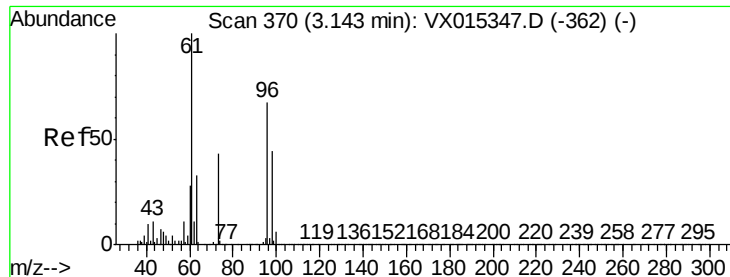
Tot Ion	Ratio	Lower	Upper
41	100		
39	74.4	35.6	106.8
76	32.3	15.4	46.4



#18
Methylene Chloride
Concen: 18.915 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.1	107.0	160.4
51	39.6	33.4	50.0
86	63.3	52.6	79.0





#19

trans-1,2-Dichloroethene

Concen: 18.706 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

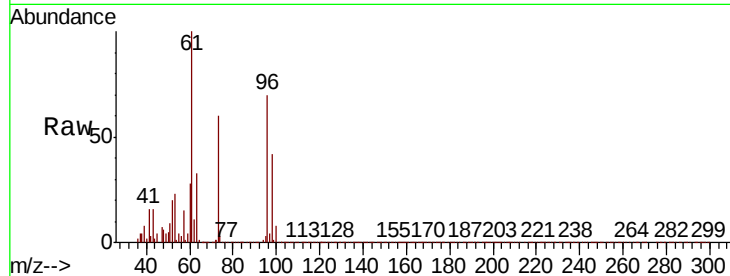
Tot Ion: 96 Resp: 222199

Ion Ratio Lower Upper

96 100

61 143.4 118.2 177.2

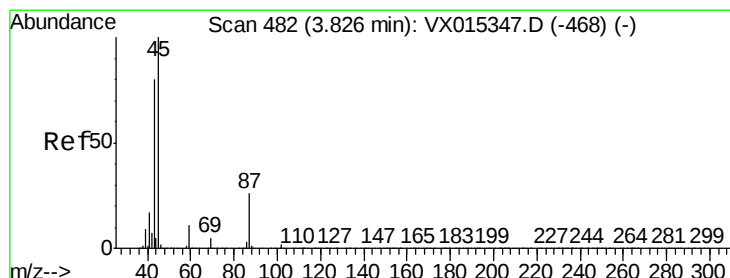
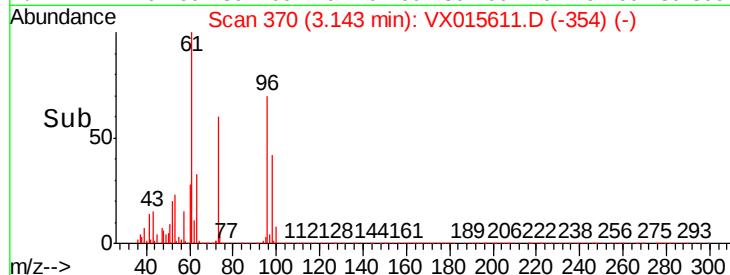
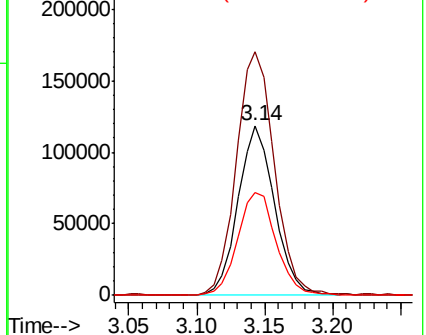
98 60.2 51.9 77.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 18.983 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion: 45 Resp: 844080

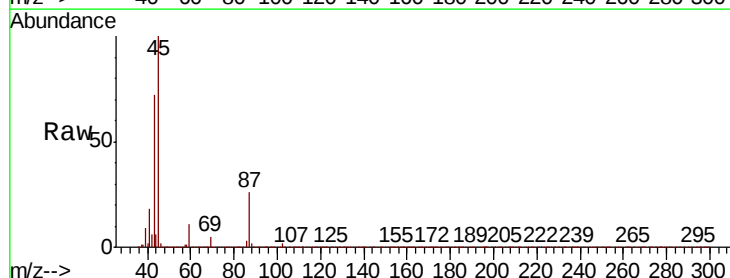
Ion Ratio Lower Upper

45 100

43 70.4 64.4 96.6

87 25.4 20.4 30.6

59 10.7 8.7 13.1

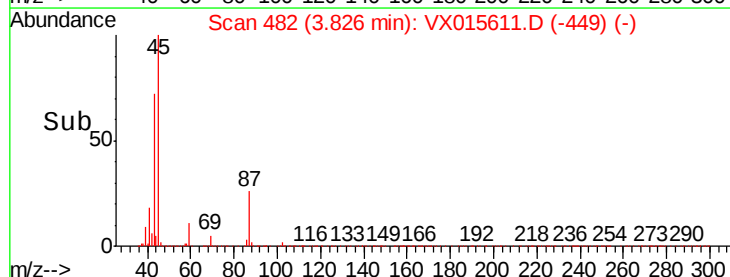
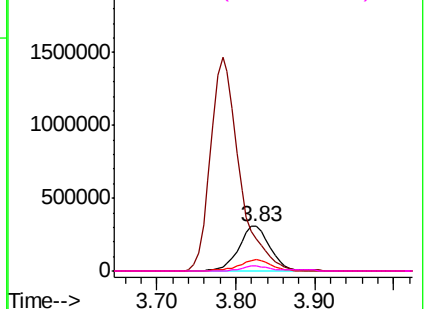


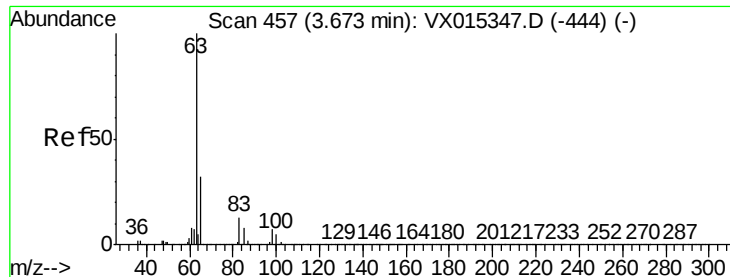
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

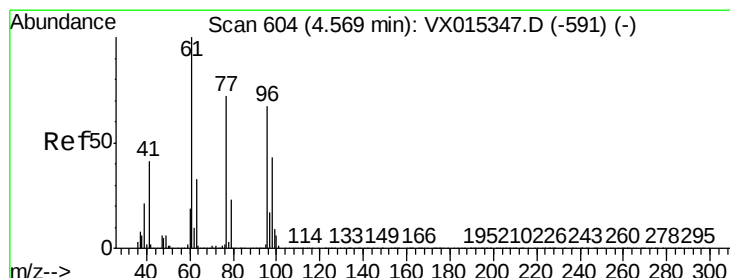
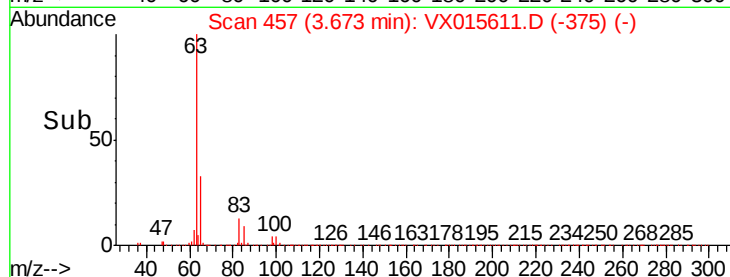
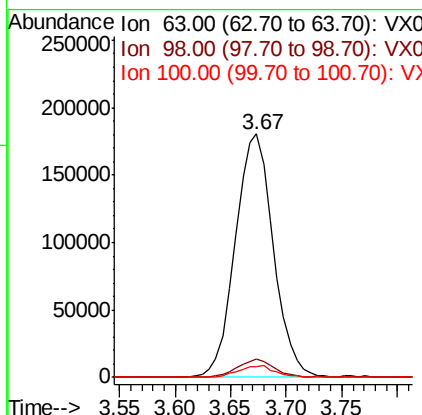
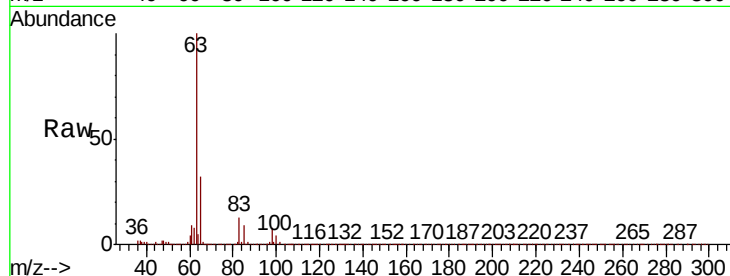




#21
1,1-Dichloroethane
Concen: 18.772 ug/l
RT: 3.67 min Scan# 457
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

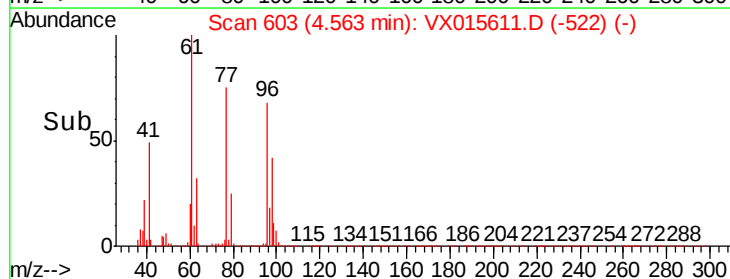
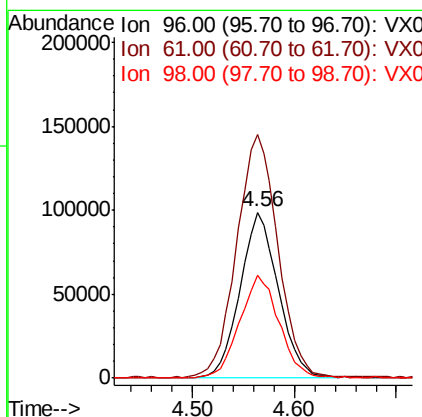
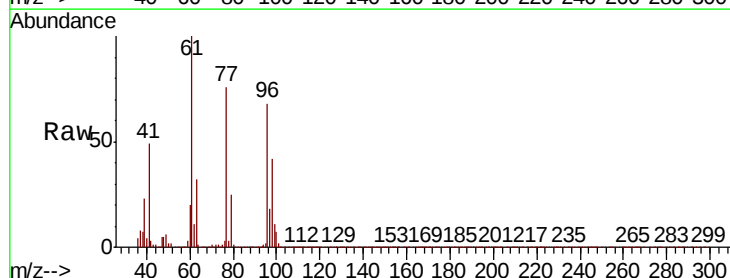
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

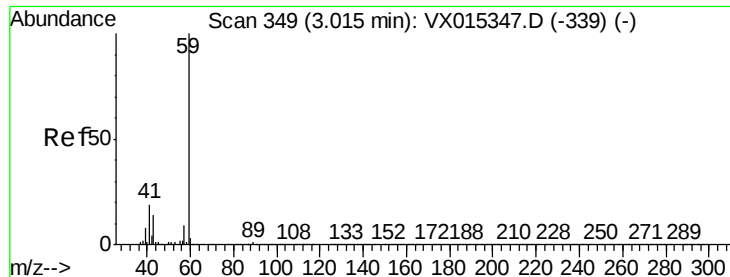
Tot Ion:	63	Resp:	426086
Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.3	9.9
100	4.2	2.3	6.8



#22
cis-1,2-Dichloroethene
Concen: 18.691 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion:	96	Resp:	255766
Ion	Ratio	Lower	Upper
96	100		
61	158.3	127.2	190.8
98	63.9	51.8	77.6



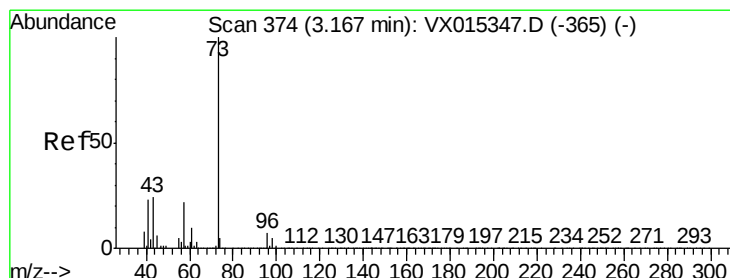
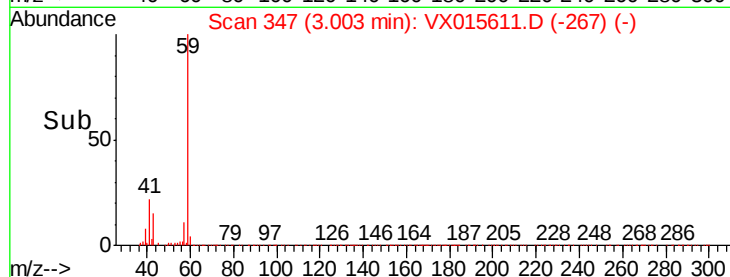
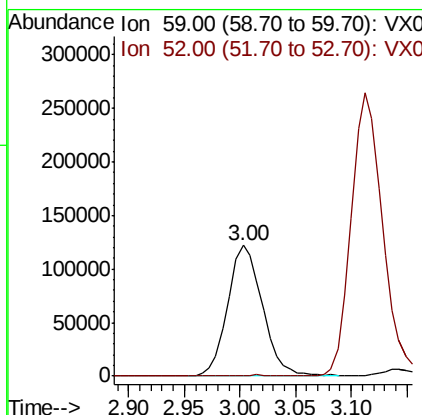
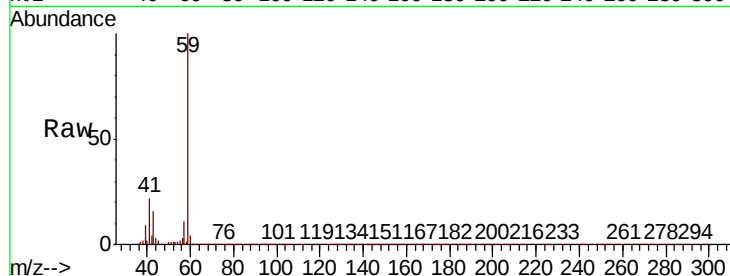


#23

tert-Butyl Alcohol
 Concen: 77.514 ug/l
 RT: 3.00 min Scan# 347
 Delta R.T. -0.01 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

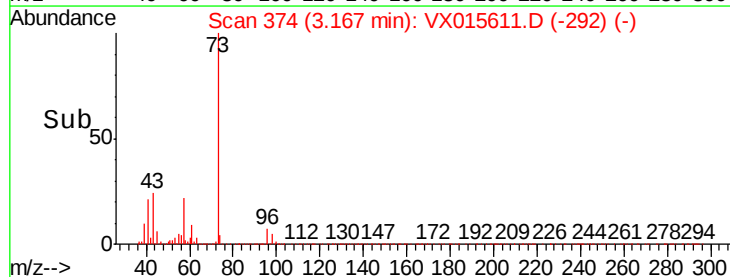
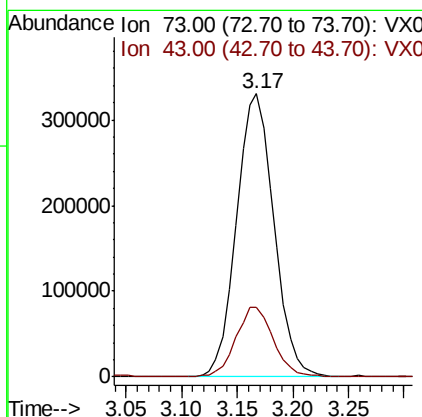
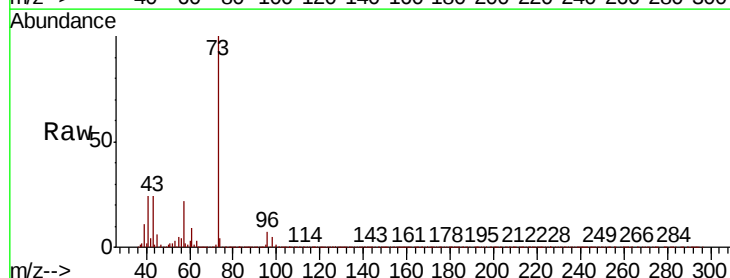
Tot Ion: 59 Resp: 262275
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#

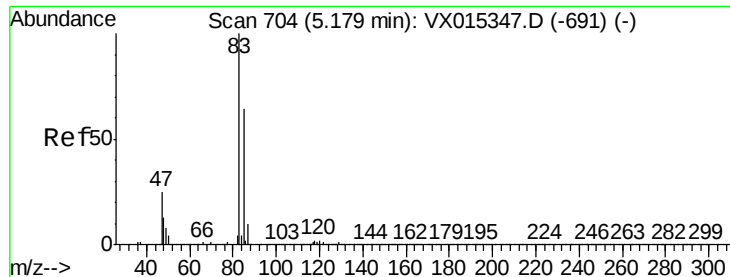


#24

Methyl tert-Butyl Ether
 Concen: 18.880 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion: 73 Resp: 769715
 Ion Ratio Lower Upper
 73 100
 43 24.2 19.2 28.8





#25

Chloroform

Concen: 18.902 ug/l

RT: 5.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

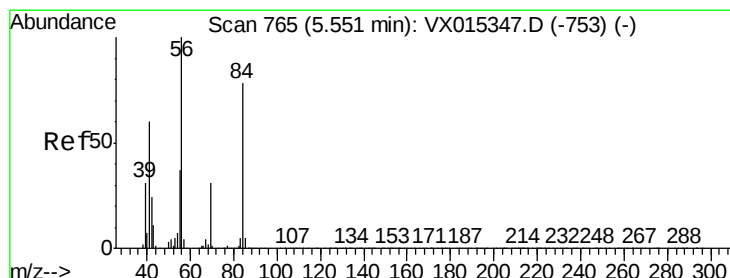
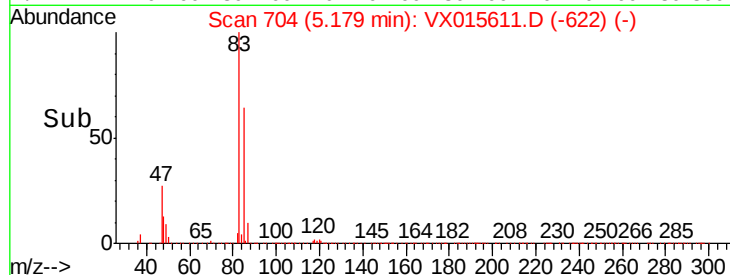
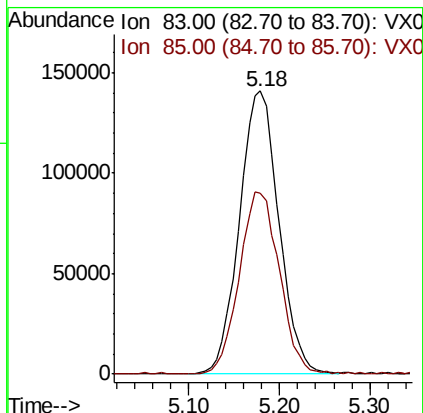
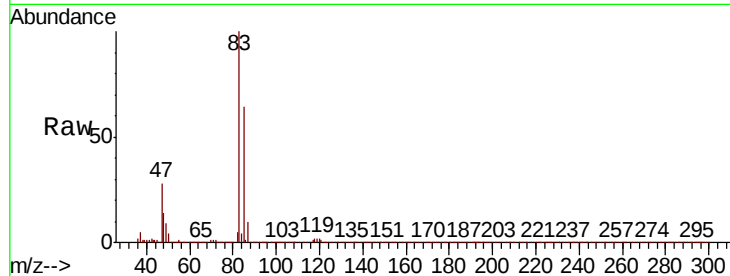
VSTDCCC020

Tot Ion: 83 Resp: 424080

Ion Ratio Lower Upper

83 100

85 64.0 50.5 75.7



#26

Cyclohexane

Concen: 18.061 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

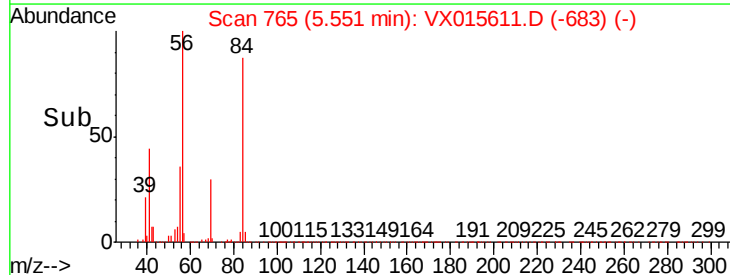
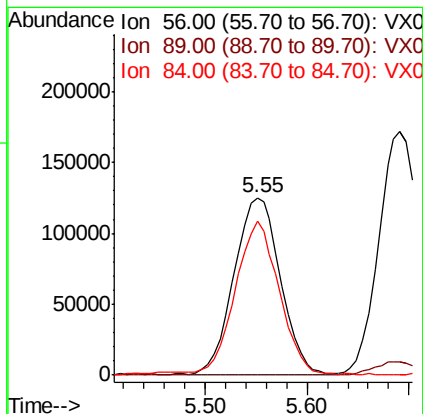
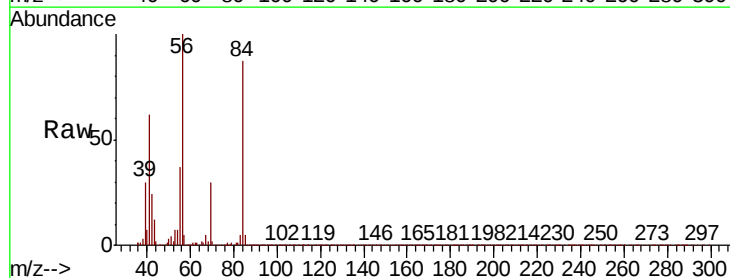
Tgt Ion: 56 Resp: 391666

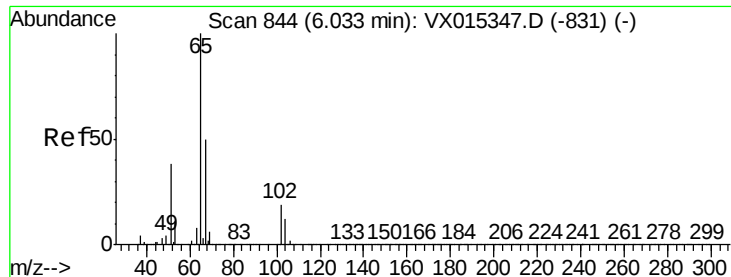
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 82.0 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 30.038 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

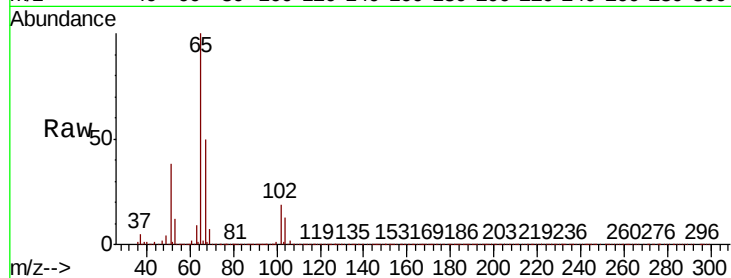
VSTDCCC020

Tot Ion: 65 Resp: 473359

Ion Ratio Lower Upper

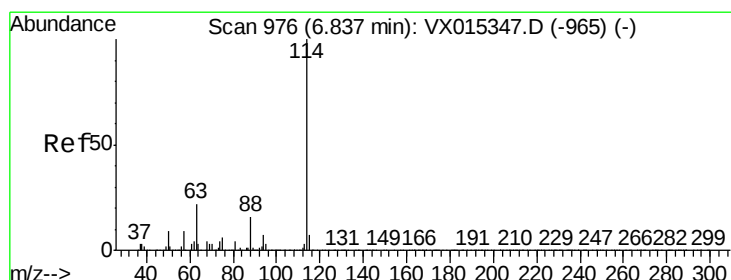
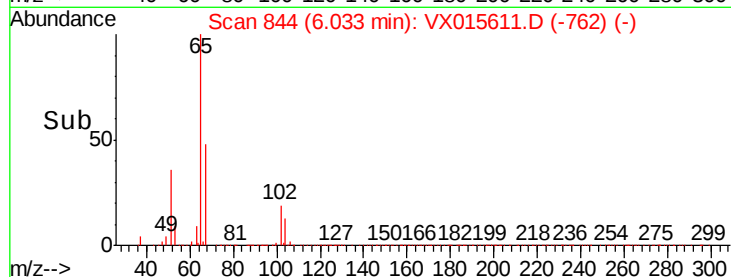
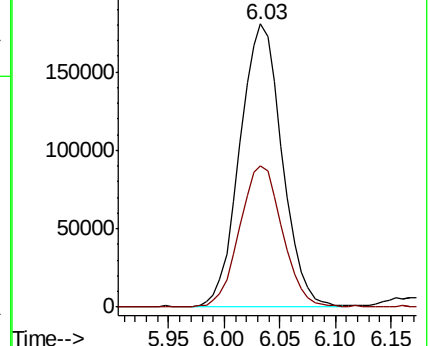
65 100

67 50.3 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

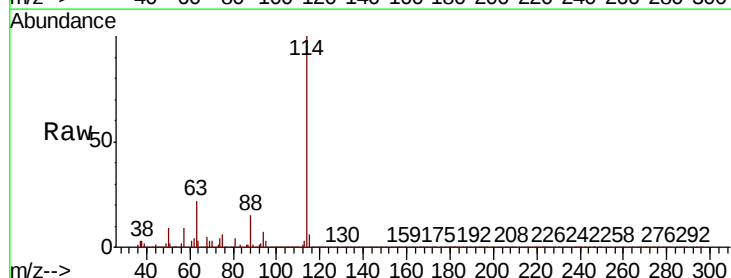
Tgt Ion: 114 Resp: 1104275

Ion Ratio Lower Upper

114 100

63 22.4 17.4 26.2

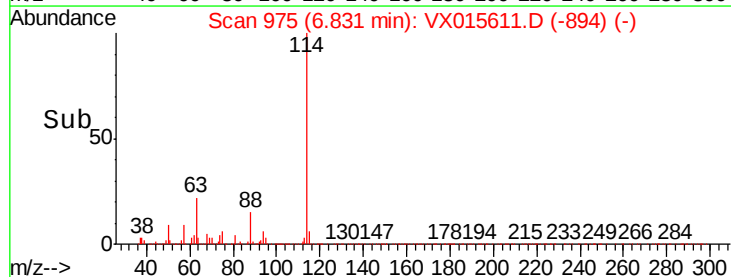
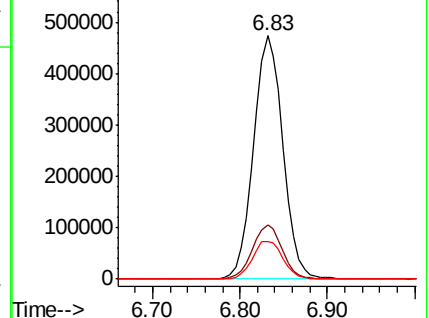
88 16.1 12.9 19.3

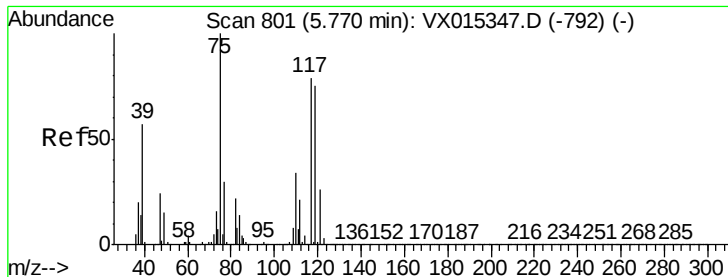


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 19.466 ug/l

RT: 5.77 min Scan# 801

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

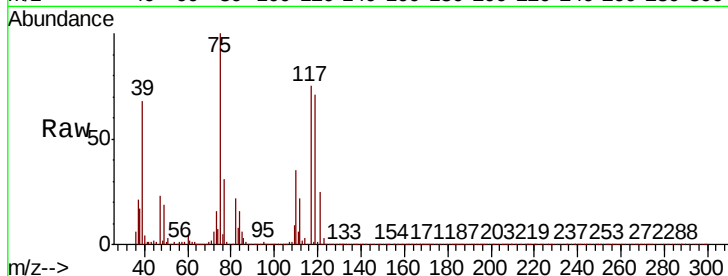
Tot Ion: 75 Resp: 322960

Ion Ratio Lower Upper

75 100

110 35.4 0.0 71.2

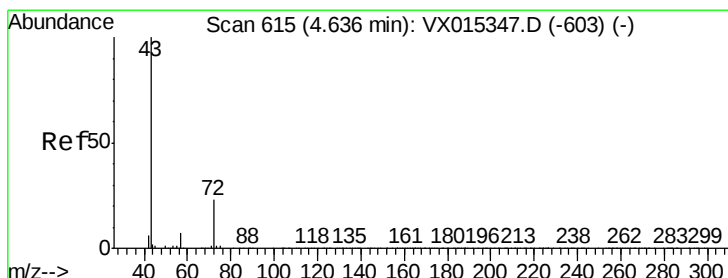
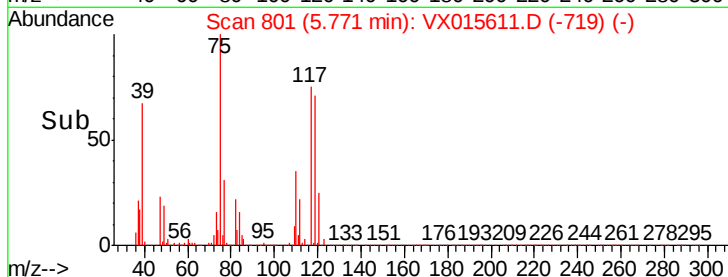
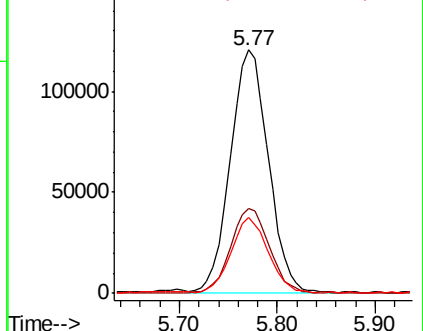
77 30.2 0.0 62.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 107.325 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

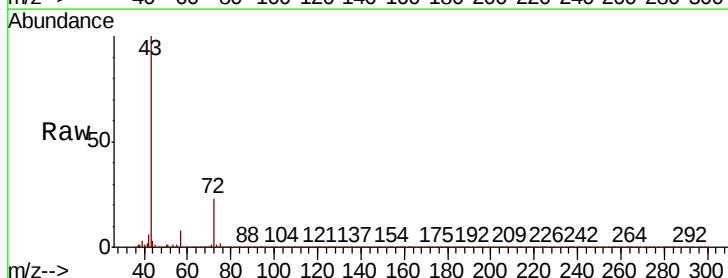
Tgt Ion: 43 Resp: 1067406

Ion Ratio Lower Upper

43 100

57 7.4 5.9 8.9

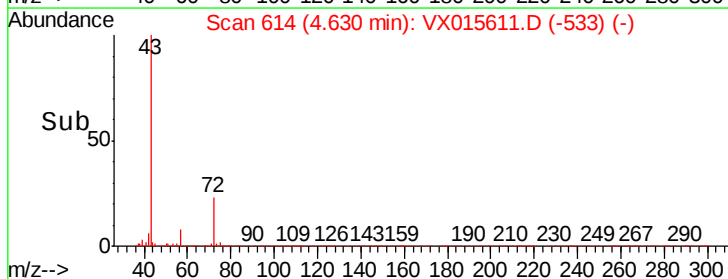
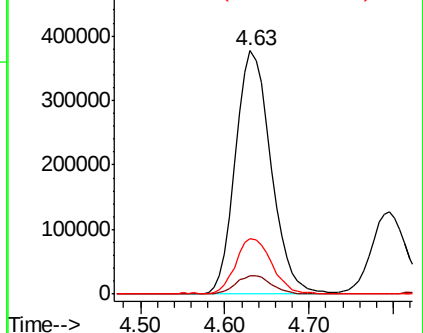
72 22.7 18.6 27.8

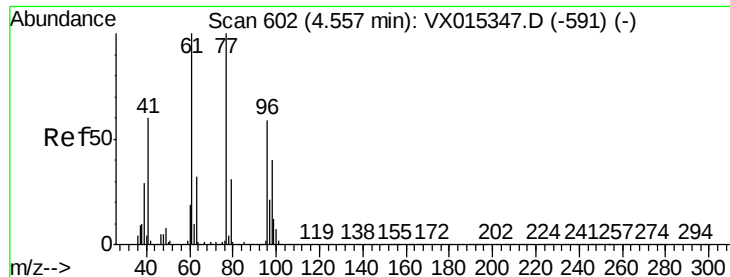


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 19.659 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

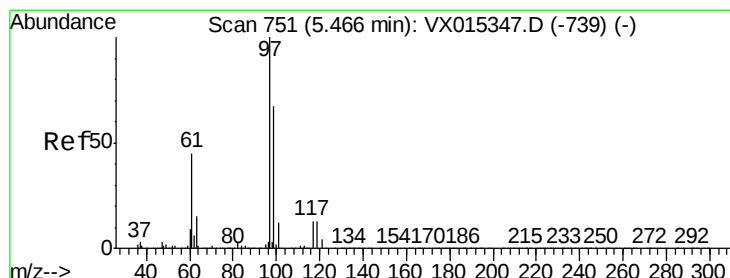
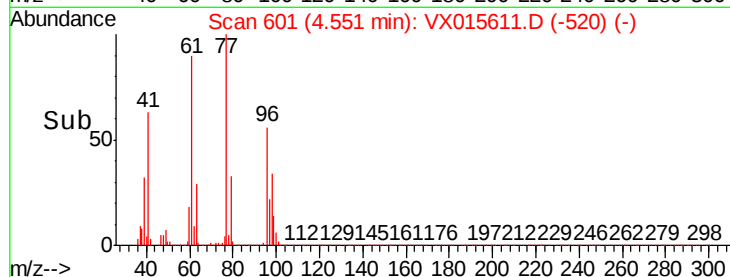
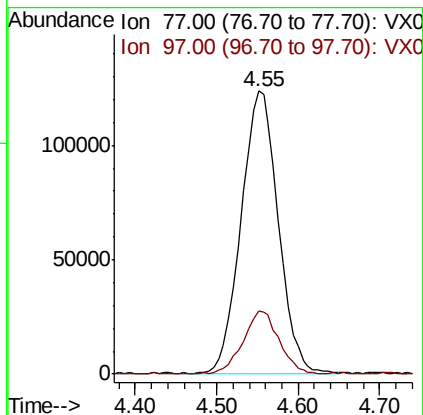
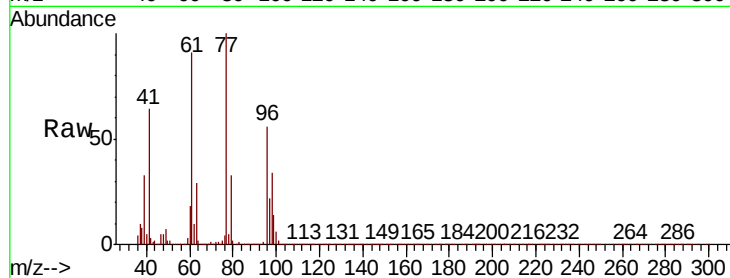
VSTDCCC020

Tot Ion: 77 Resp: 392493

Ion Ratio Lower Upper

77 100

97 21.1 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 19.021 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

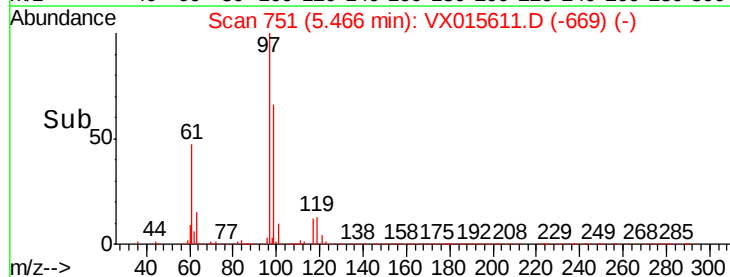
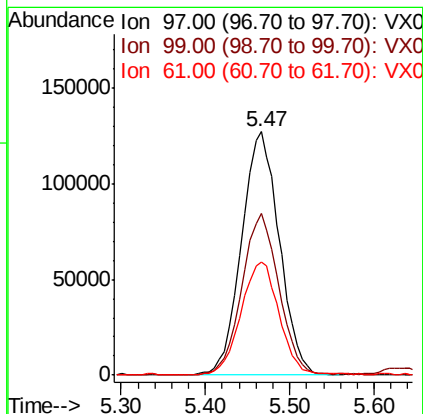
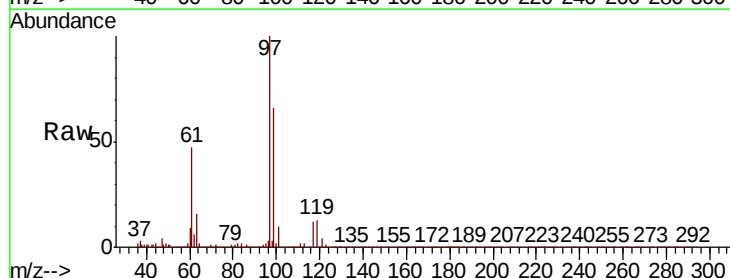
Tgt Ion: 97 Resp: 385023

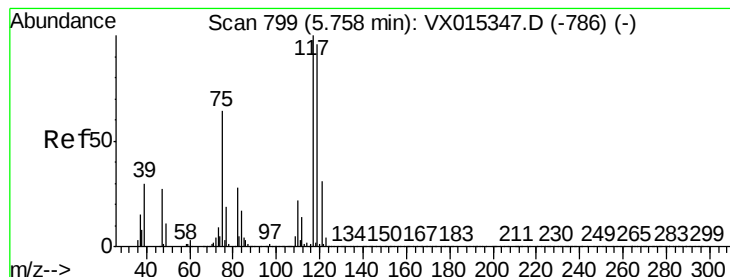
Ion Ratio Lower Upper

97 100

99 65.0 51.0 76.4

61 47.0 35.8 53.8





#33

Carbon Tetrachloride

Concen: 18.873 ug/l

RT: 5.75 min Scan# 798

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

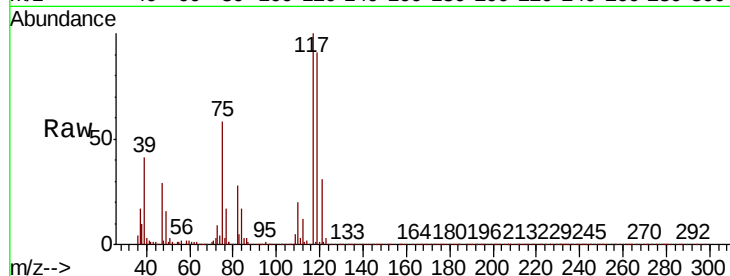
Tot Ion:117 Resp: 348137

Ion Ratio Lower Upper

117 100

119 91.3 76.6 114.8

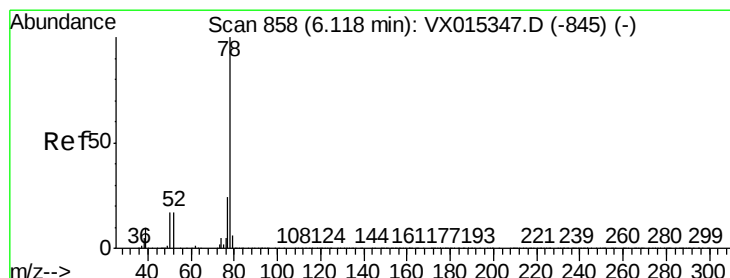
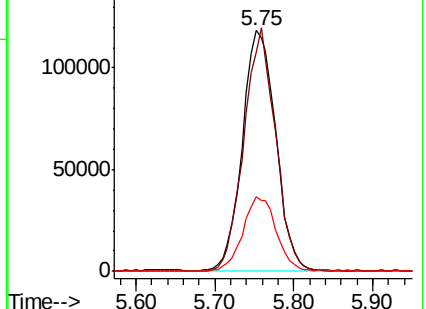
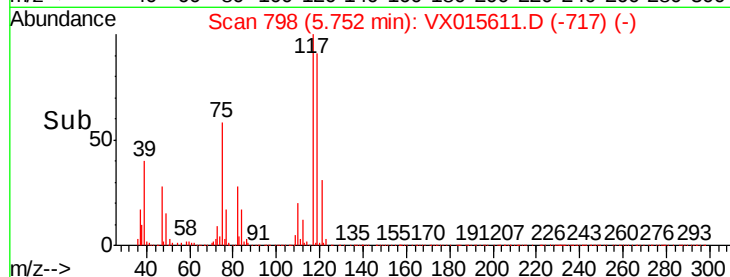
121 30.6 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.245 ug/l

RT: 6.11 min Scan# 857

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

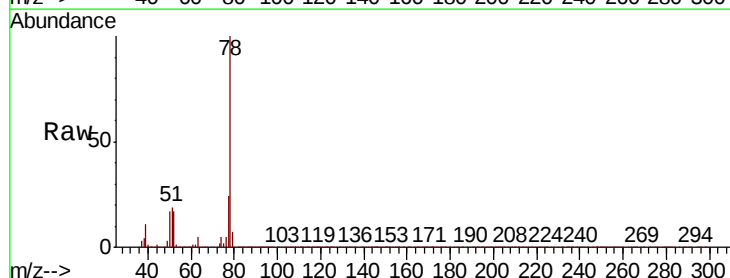
Tgt Ion: 78 Resp: 920237

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.2

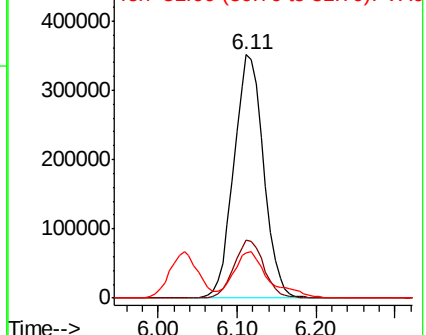
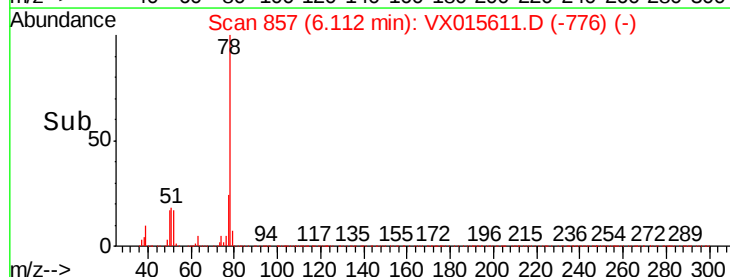
51 18.4 14.6 21.8

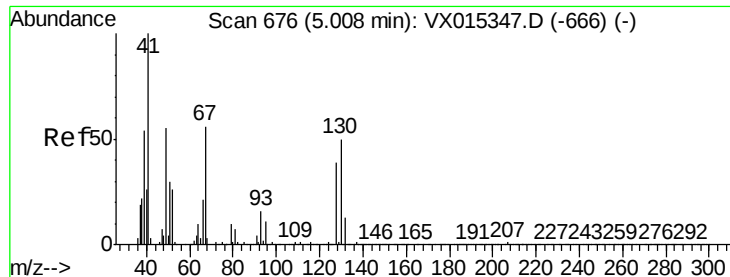


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

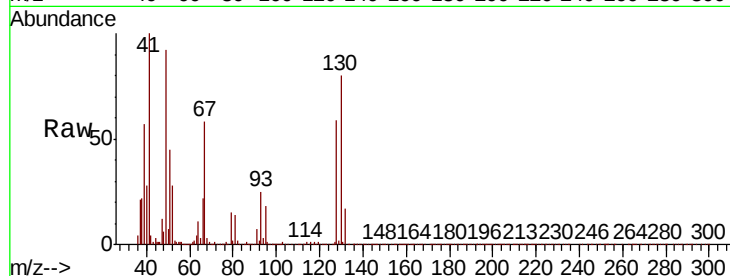




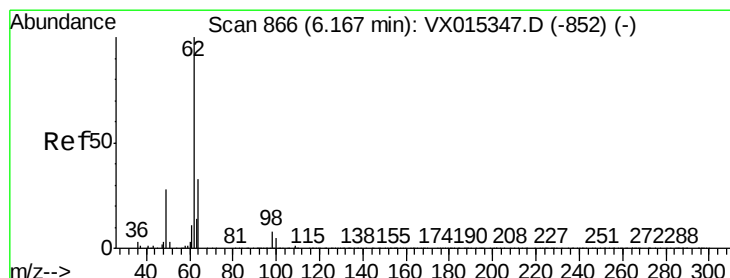
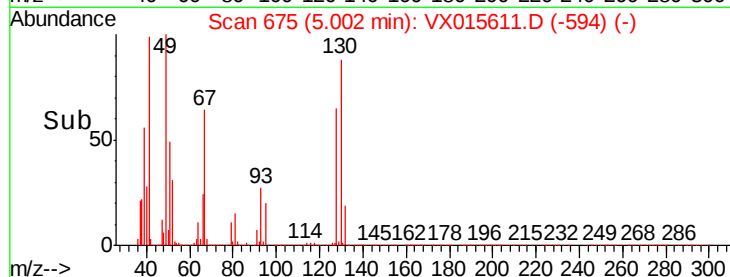
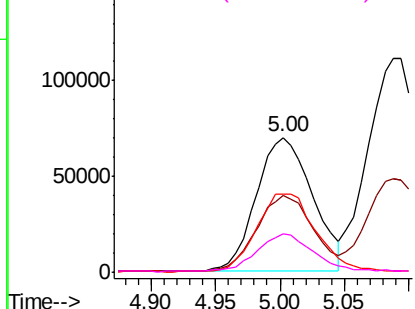
#35
Methacrylonitrile
Concen: 18.650 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	41	Resp:	210332
Ion	Ratio	Lower	Upper
41	100		
39	56.3	27.0	81.0
67	57.8	28.2	84.6
52	28.2	12.8	38.3

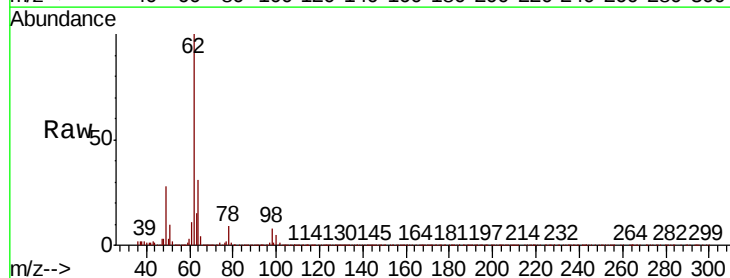


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

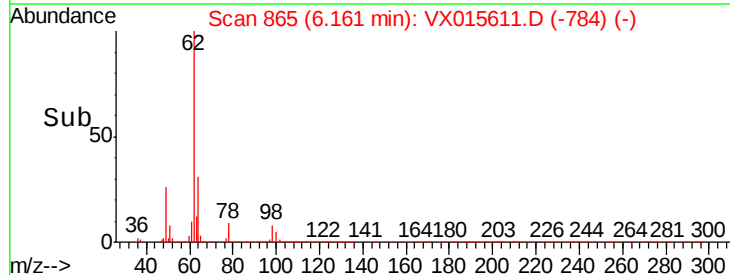
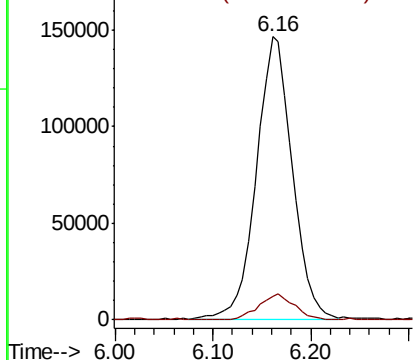


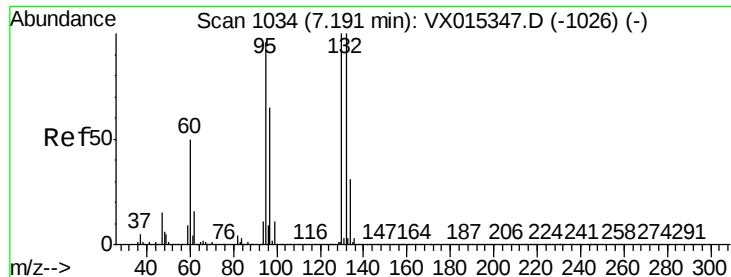
#36
1,2-Dichloroethane
Concen: 20.201 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion:	62	Resp:	373253
Ion	Ratio	Lower	Upper
62	100		
98	8.9	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

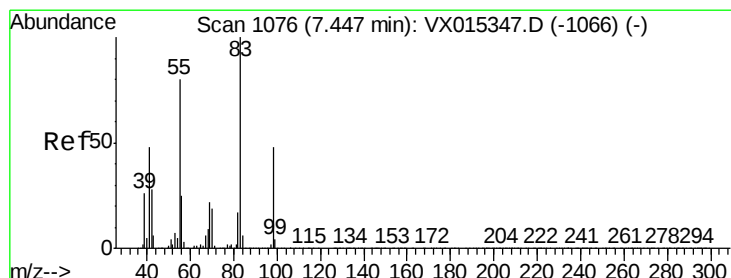
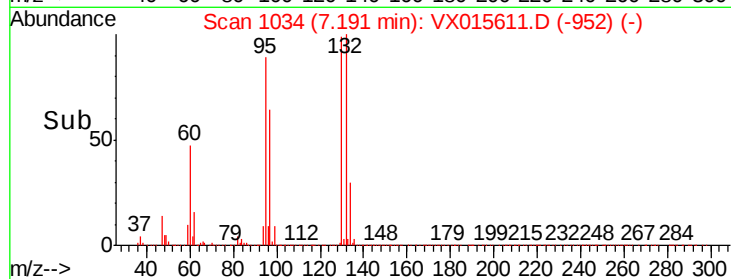
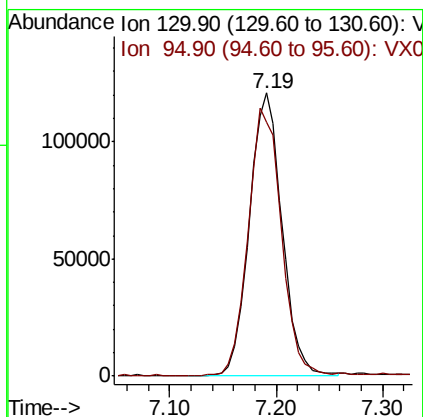
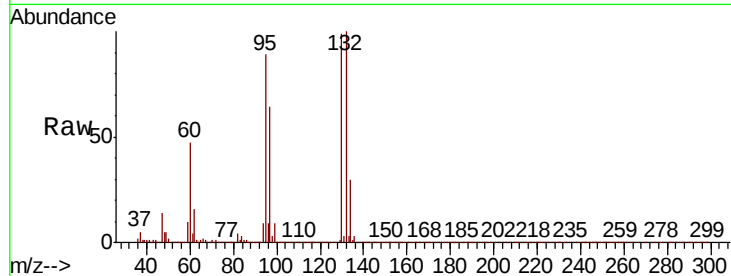




#37
 Trichloroethene
 Concen: 19.249 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

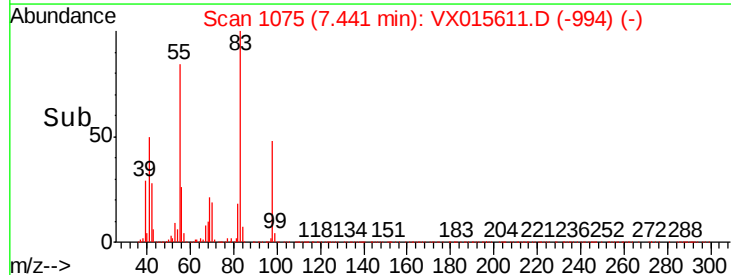
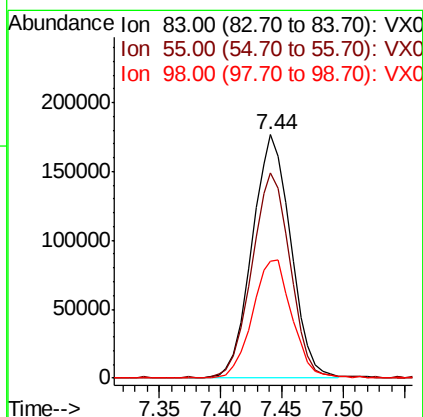
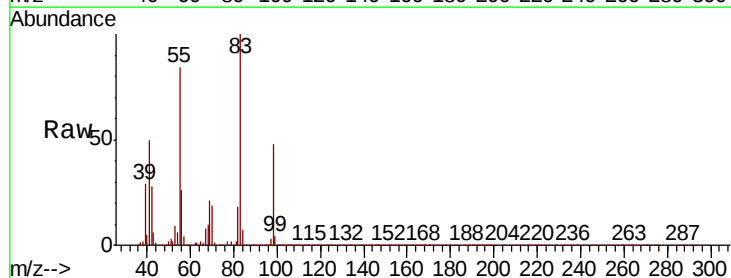
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

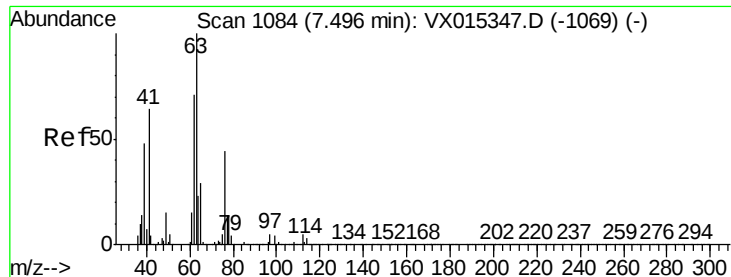
Tot Ion:130 Resp: 259158
 Ion Ratio Lower Upper
 130 100
 95 89.8 76.4 114.6



#38
 Methylcyclohexane
 Concen: 19.008 ug/l
 RT: 7.44 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion: 83 Resp: 386599
 Ion Ratio Lower Upper
 83 100
 55 83.2 41.3 124.1
 98 49.4 24.0 72.0

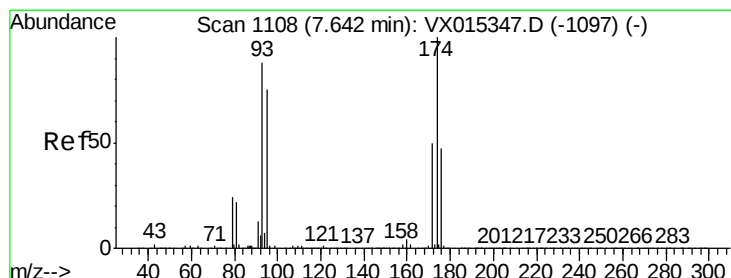
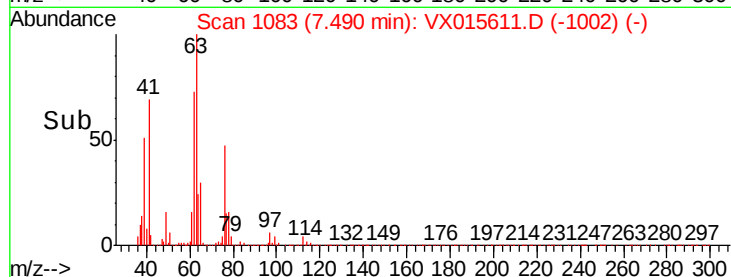
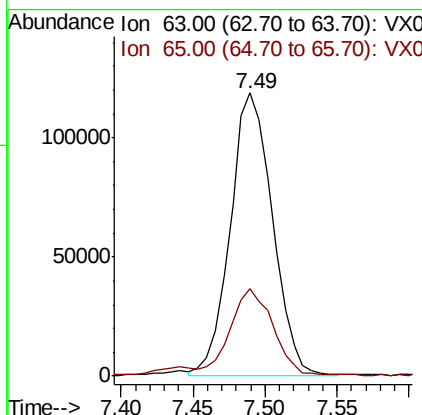
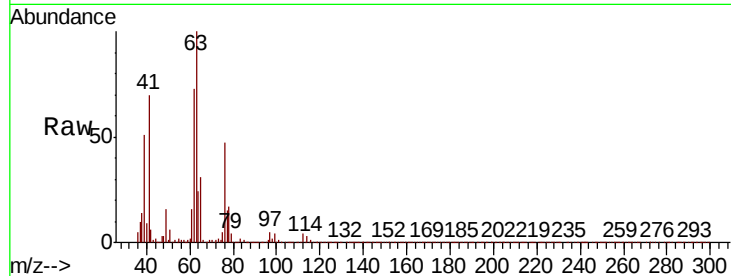




#39
 1,2-Dichloropropane
 Concen: 18.814 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

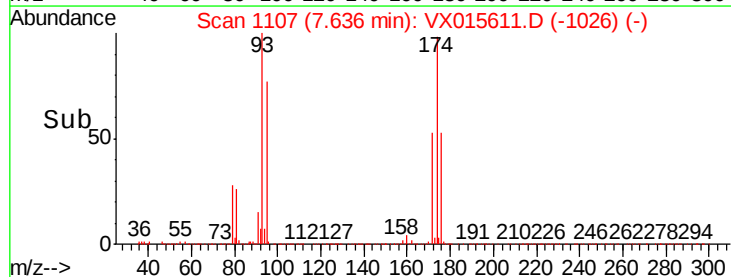
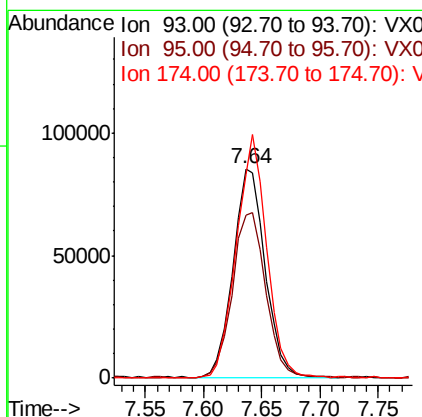
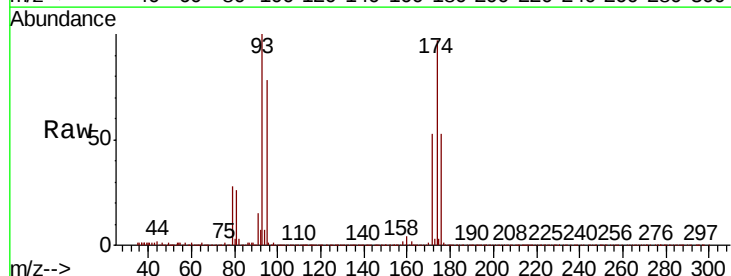
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

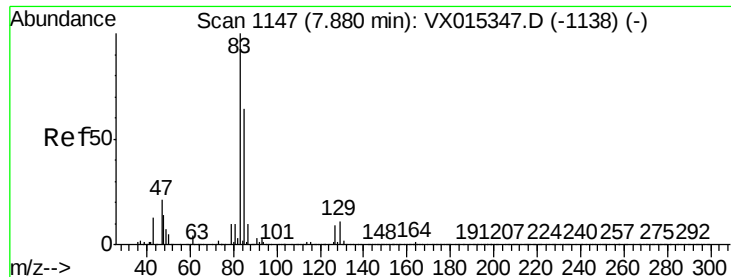
Tot Ion: 63 Resp: 241639
 Ion Ratio Lower Upper
 63 100
 65 30.5 23.0 34.4



#40
 Dibromomethane
 Concen: 19.167 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion: 93 Resp: 163851
 Ion Ratio Lower Upper
 93 100
 95 81.5 0.0 166.4
 174 110.2 0.0 225.4





#41

Bromodichloromethane

Concen: 18.416 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

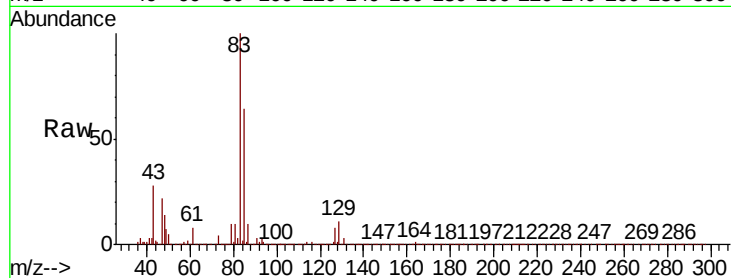
Tot Ion: 83 Resp: 342147

Ion Ratio Lower Upper

83 100

85 63.7 51.6 77.4

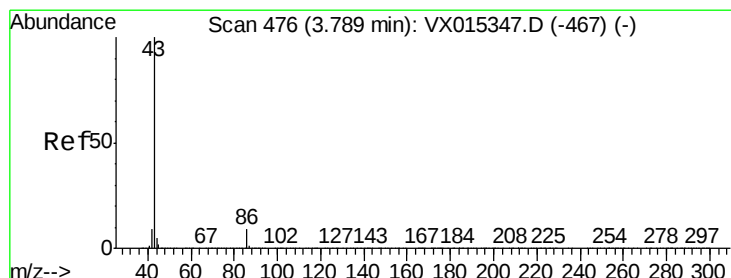
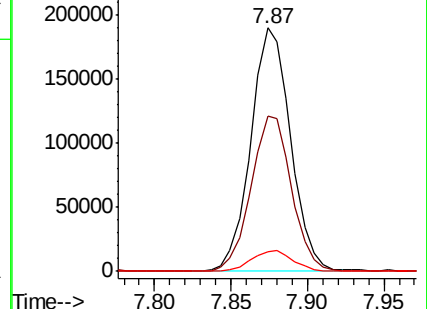
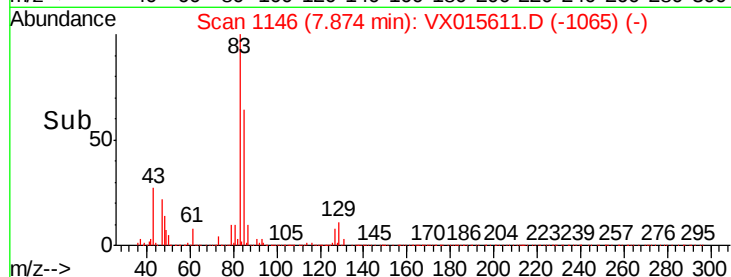
127 8.0 7.0 10.4



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: 99.194 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015611.D

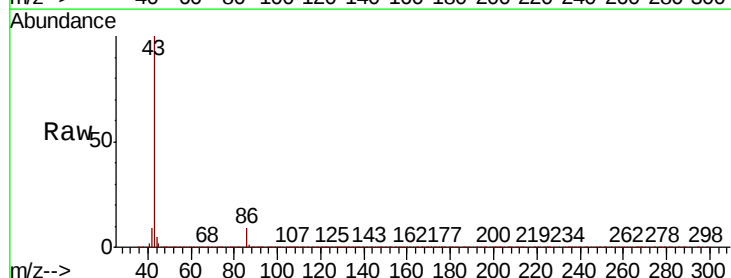
Acq: 10 Apr 2020 11:18

Tgt Ion: 43 Resp: 3737999

Ion Ratio Lower Upper

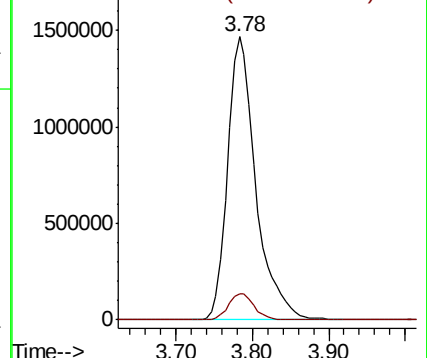
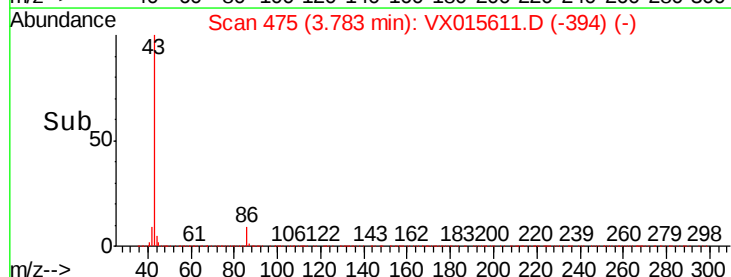
43 100

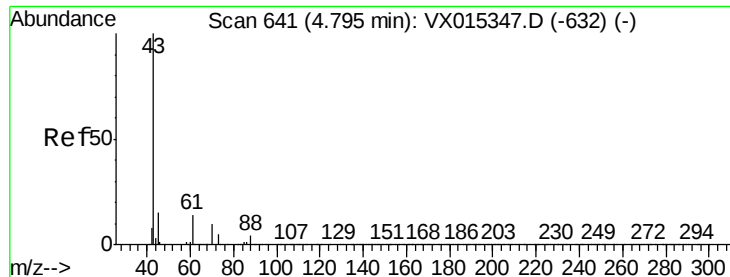
86 8.5 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

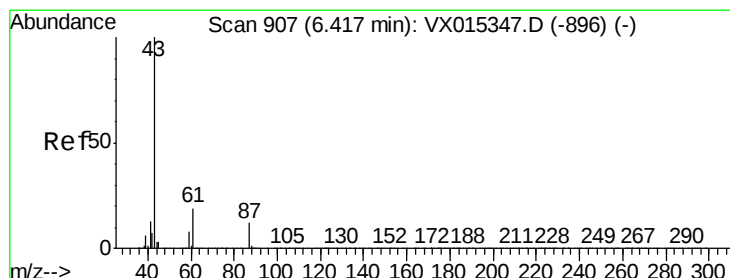
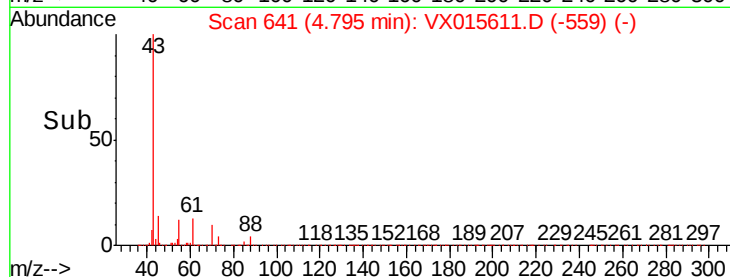
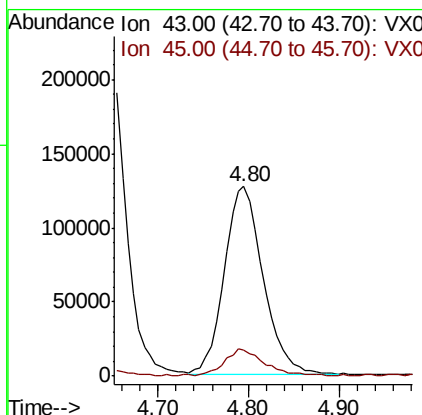
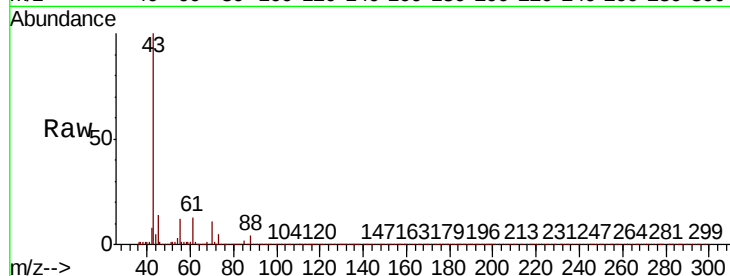




#43
Ethyl Acetate
Concen: 17.415 ug/l
RT: 4.80 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

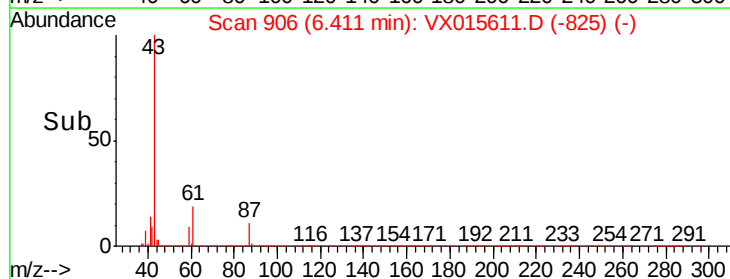
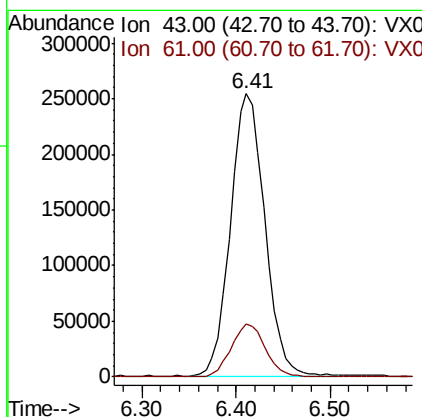
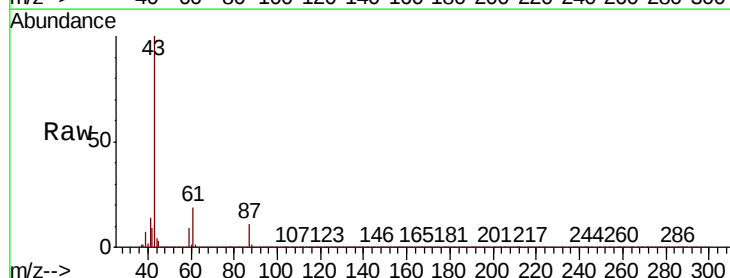
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

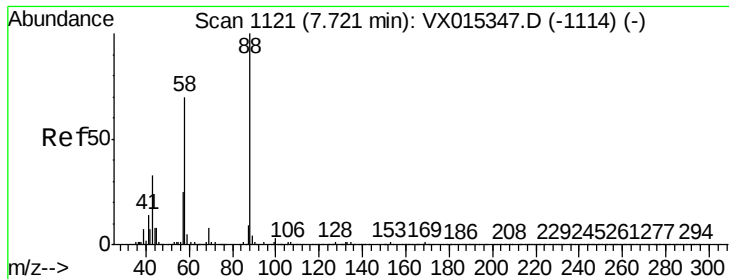
Tot Ion: 43 Resp: 376745
Ion Ratio Lower Upper
43 100
45 13.8 12.2 18.4



#44
Isopropyl Acetate
Concen: 18.447 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 43 Resp: 642262
Ion Ratio Lower Upper
43 100
61 18.3 14.6 22.0





#45

1,4-Dioxane

Concen: 311.431 ug/l

RT: 7.71 min Scan# 1119

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

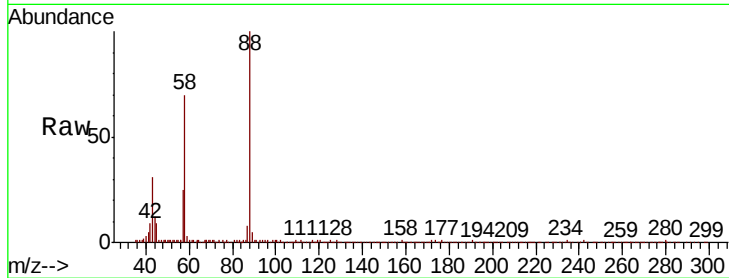
MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 88 Resp: 99887

Ion	Ratio	Lower	Upper
88	100		
43	39.1	32.1	48.1
58	76.6	59.4	89.0

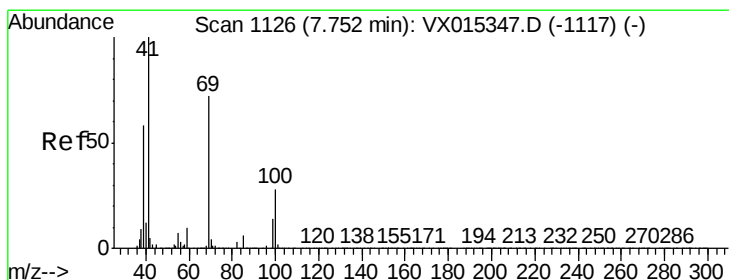
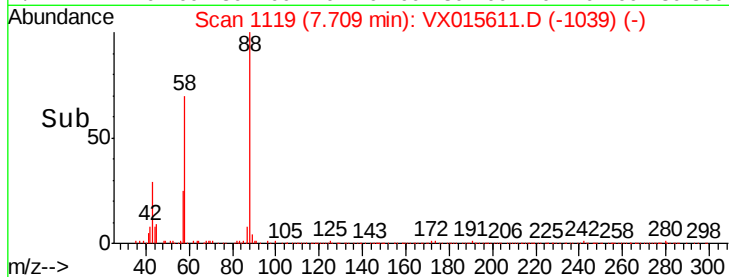
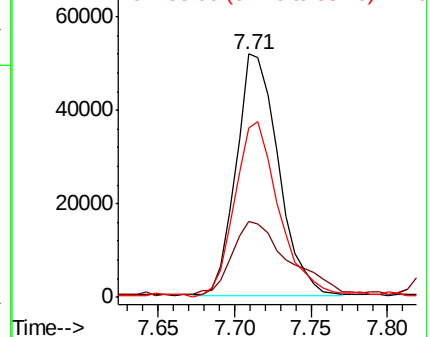


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#46

Methyl methacrylate

Concen: 18.575 ug/l

RT: 7.75 min Scan# 1125

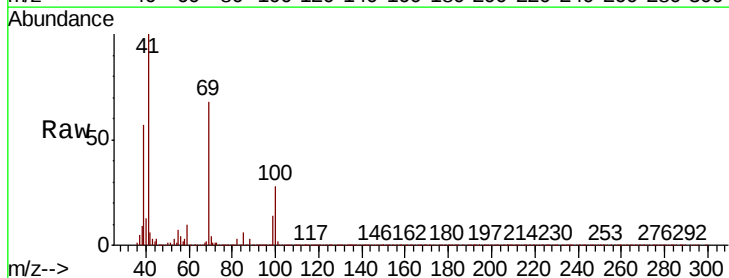
Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion: 41 Resp: 322717

Ion	Ratio	Lower	Upper
41	100		
69	67.5	35.8	107.4
39	57.2	28.9	86.8

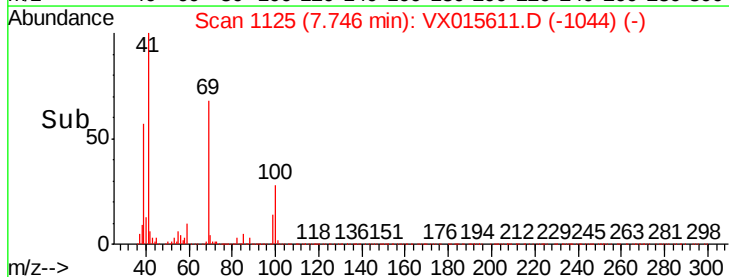
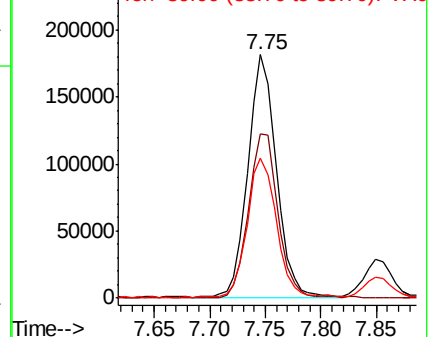


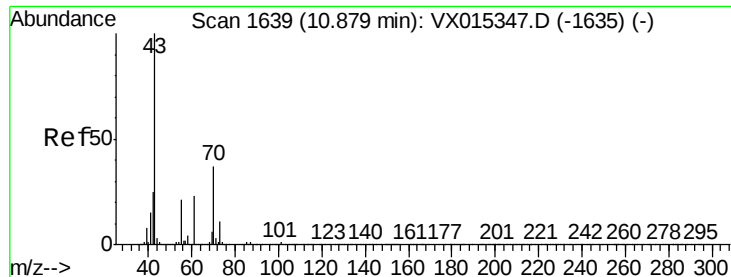
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 18.373 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

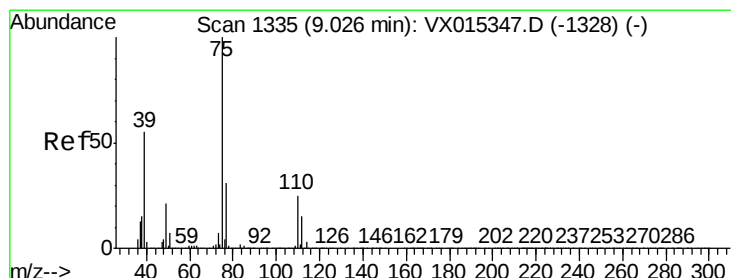
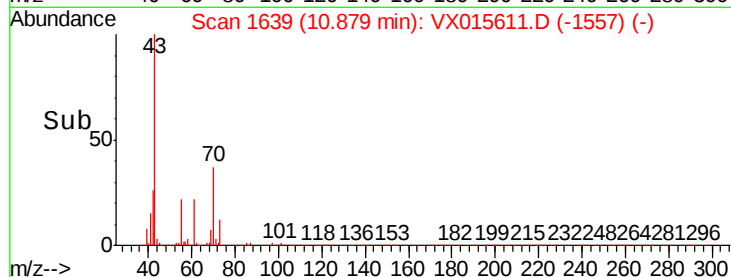
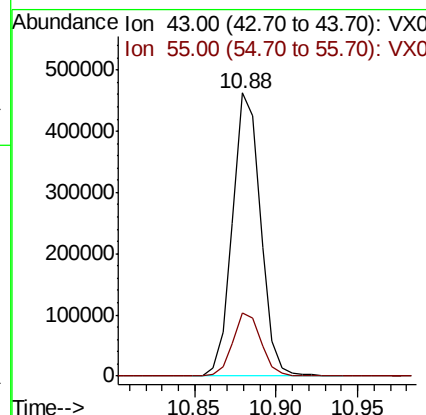
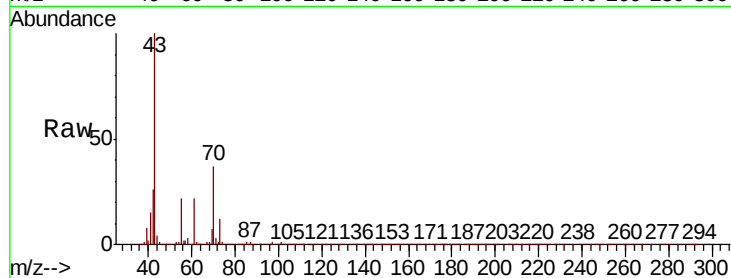
VSTDCCC020

Tot Ion: 43 Resp: 551548

Ion Ratio Lower Upper

43 100

55 22.3 17.0 25.6



#48

t-1,3-Dichloropropene

Concen: 18.453 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015611.D

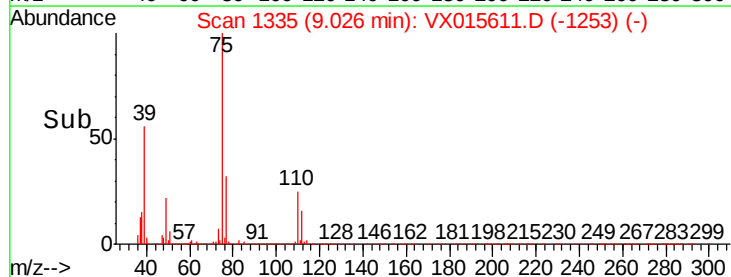
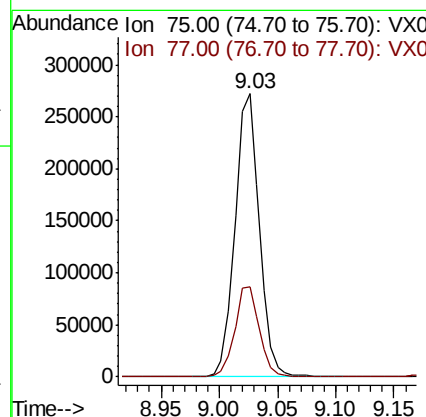
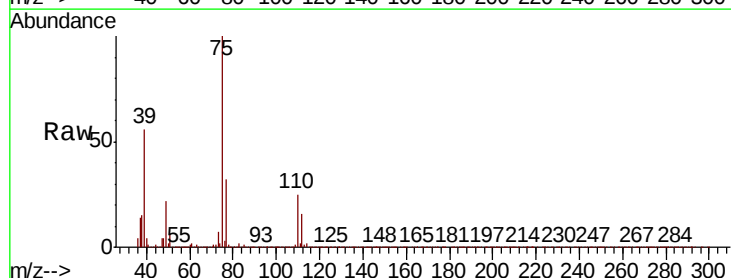
Acq: 10 Apr 2020 11:18

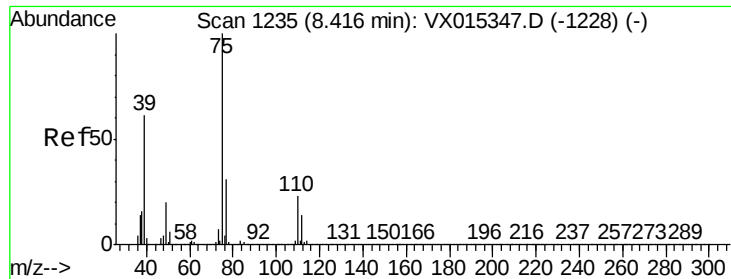
Tgt Ion: 75 Resp: 395767

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 18.713 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

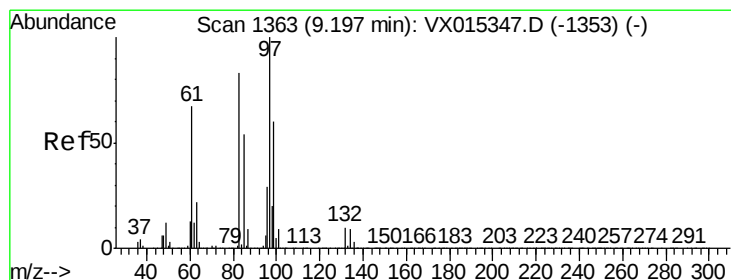
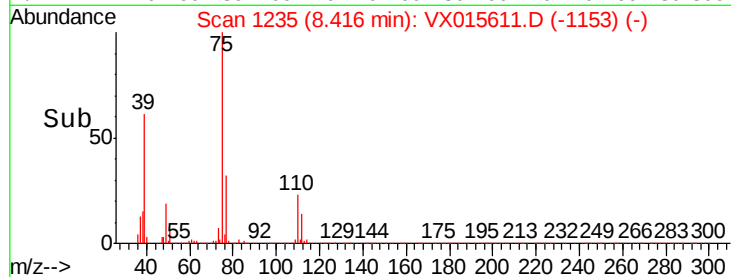
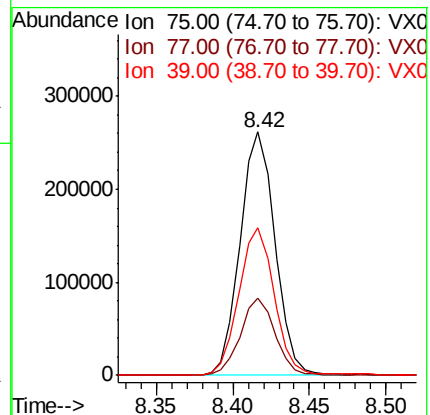
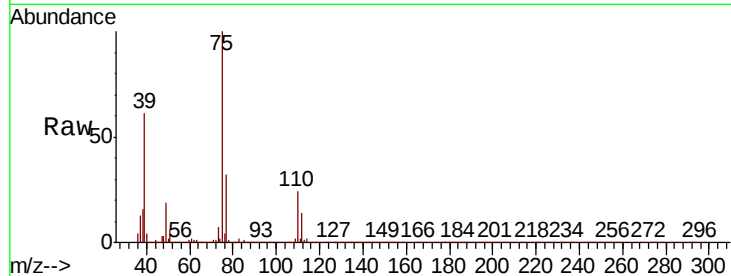
Tot Ion: 75 Resp: 414258

Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

39 60.7 48.9 73.3



#50

1,1,2-Trichloroethane

Concen: 19.300 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Tgt Ion: 97 Resp: 236770

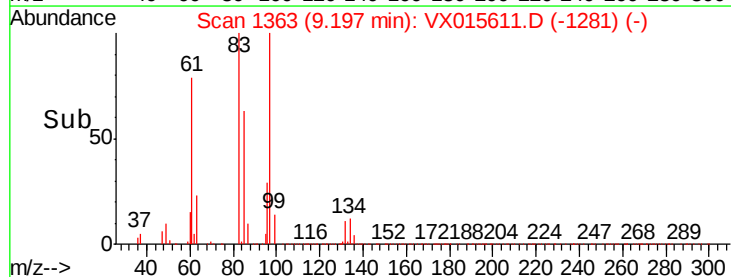
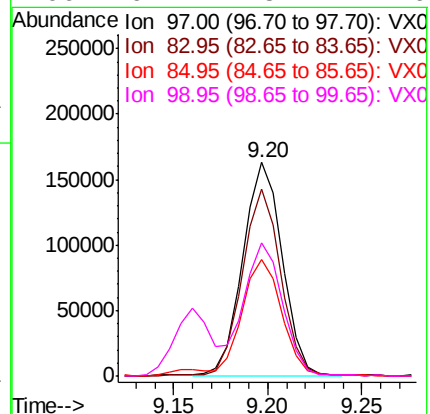
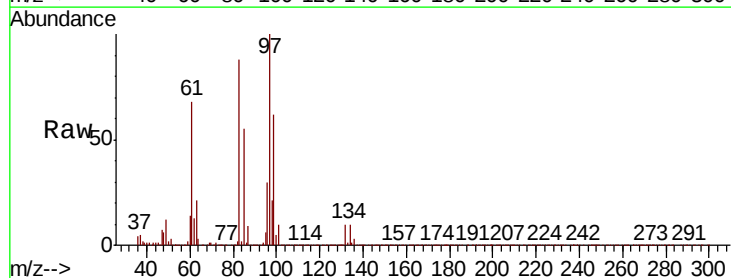
Ion Ratio Lower Upper

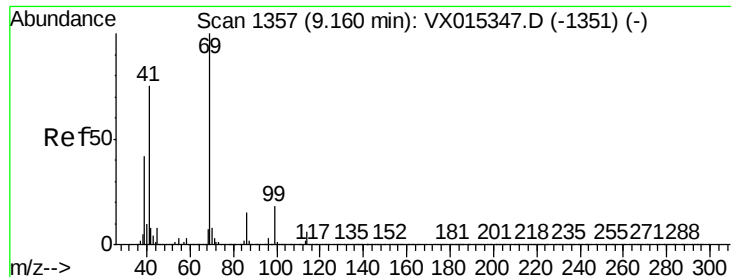
97 100

83 87.7 66.8 100.2

85 54.5 43.3 64.9

99 62.4 48.4 72.6





#51

Ethyl methacrylate

Concen: 18.437 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

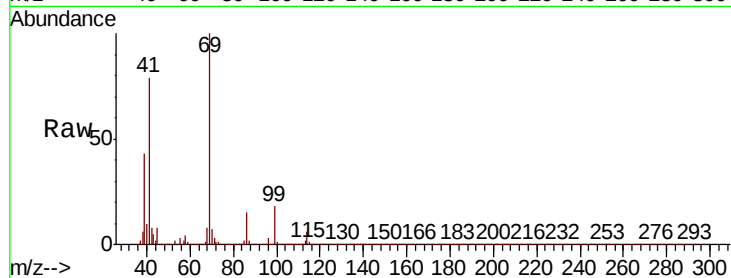
Tot Ion: 69 Resp: 389020

Ion Ratio Lower Upper

69 100

41 78.4 37.4 112.2

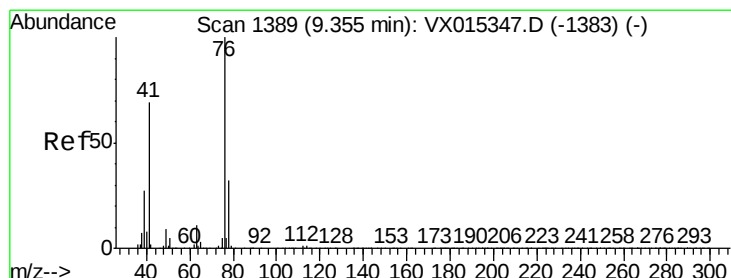
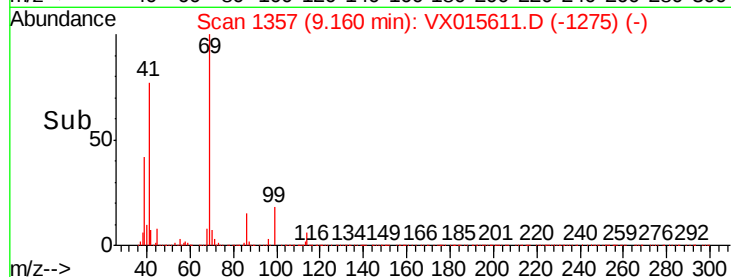
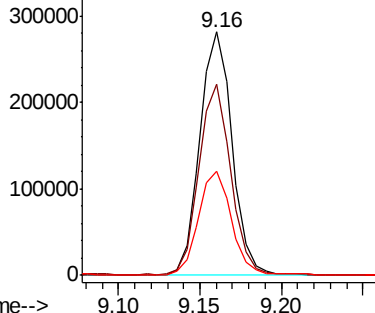
39 42.5 21.1 63.1



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: 19.703 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015611.D

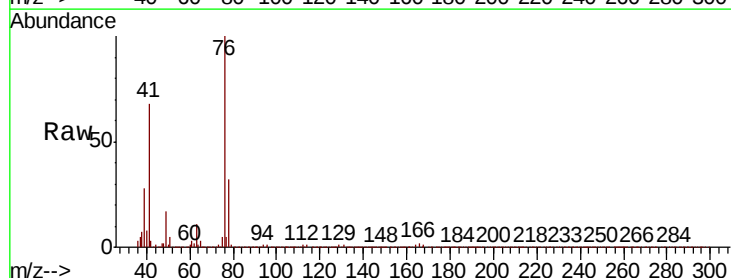
Acq: 10 Apr 2020 11:18

Tgt Ion: 76 Resp: 417499

Ion Ratio Lower Upper

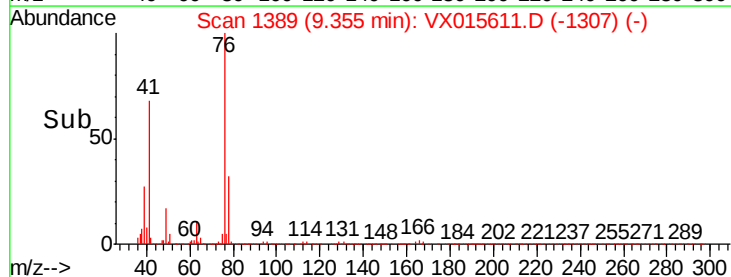
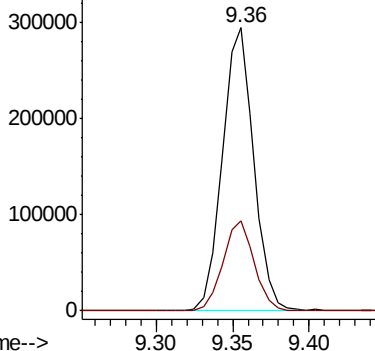
76 100

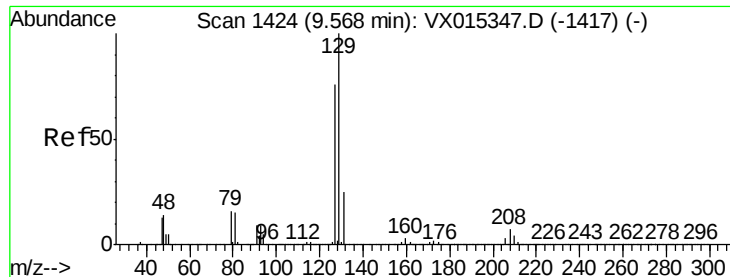
78 32.0 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.085 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

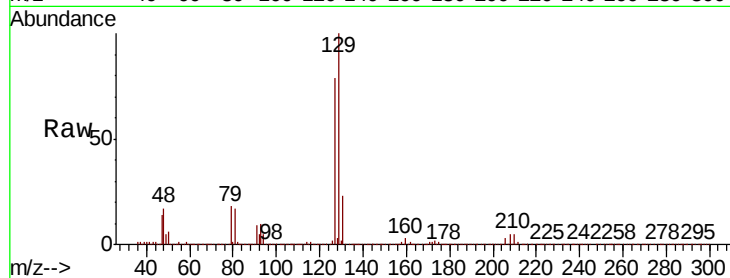
VSTDCCC020

Tot Ion:129 Resp: 273507

Ion Ratio Lower Upper

129 100

127 76.1 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

200000

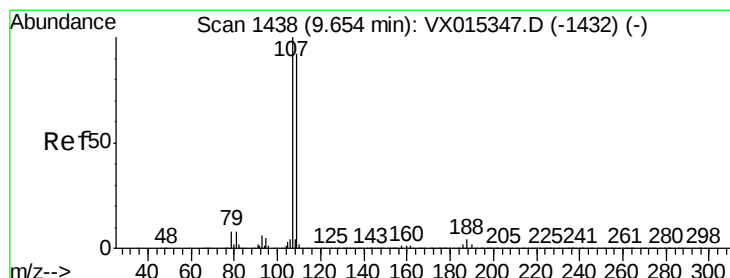
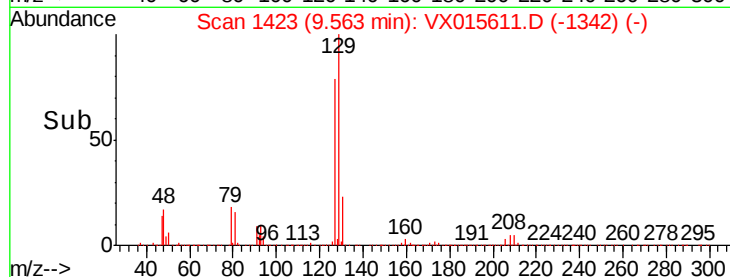
150000

100000

50000

0

Time--> 9.50 9.55 9.60 9.65



#54

1,2-Dibromoethane

Concen: 19.084 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015611.D

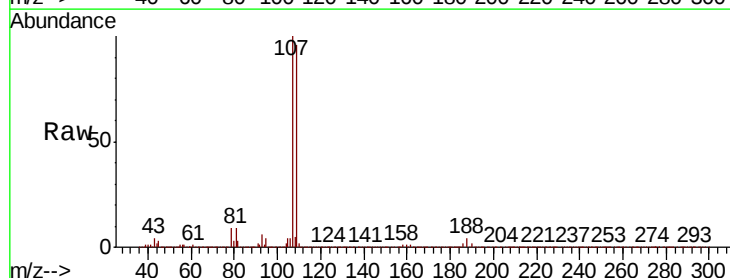
Acq: 10 Apr 2020 11:18

Tgt Ion:107 Resp: 251223

Ion Ratio Lower Upper

107 100

109 95.3 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

200000

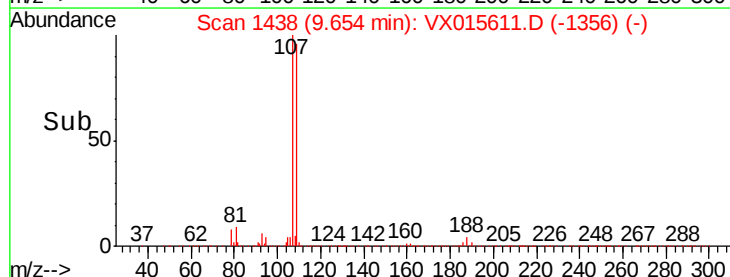
150000

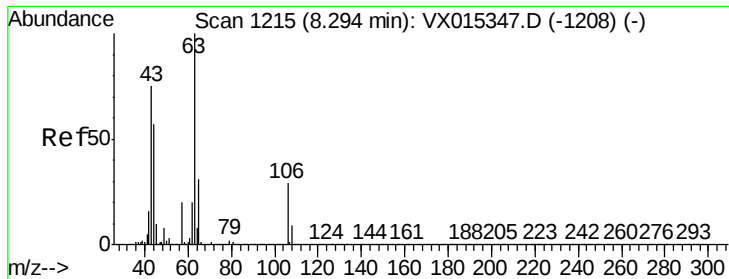
100000

50000

0

Time--> 9.60 9.65 9.70 9.75

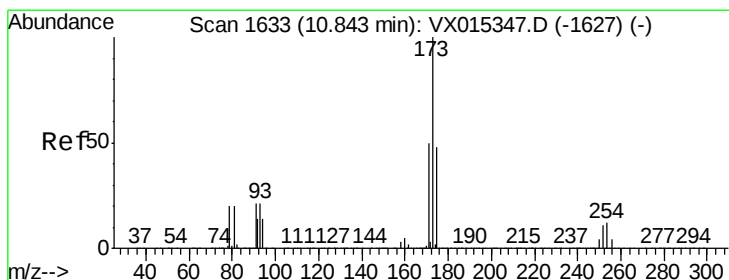
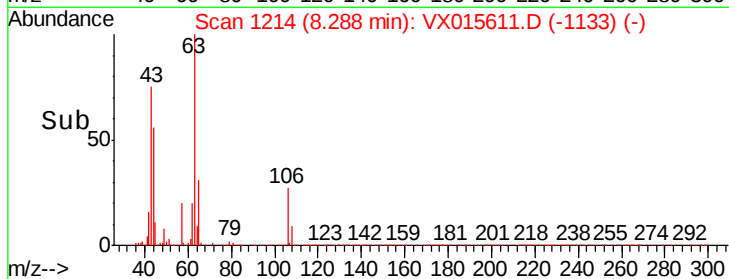
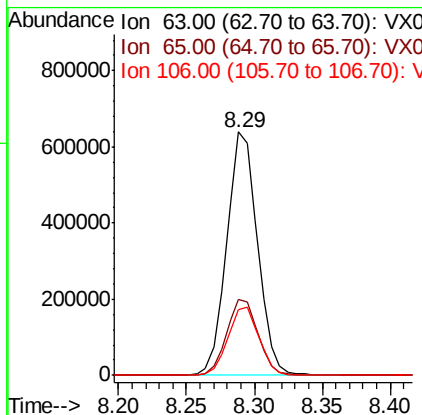
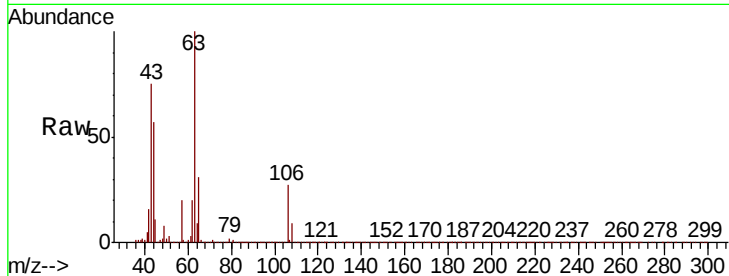




#55
2-Chloroethyl vinyl ether
Concen: 100.321 ug/l
RT: 8.29 min Scan# 1214
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

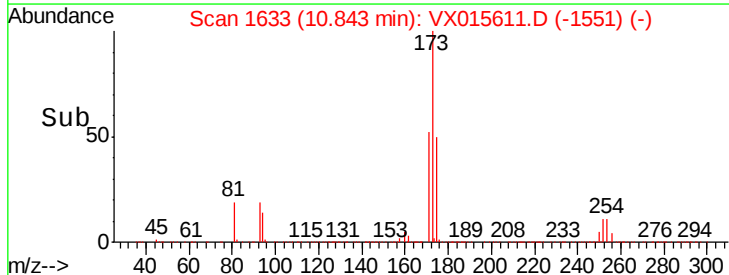
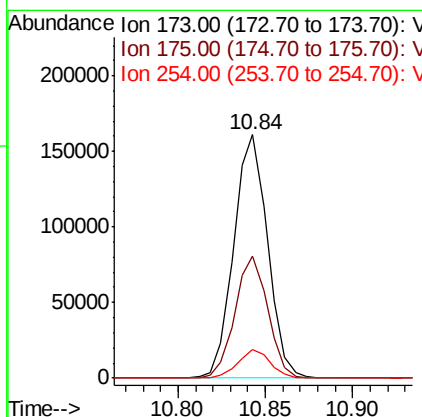
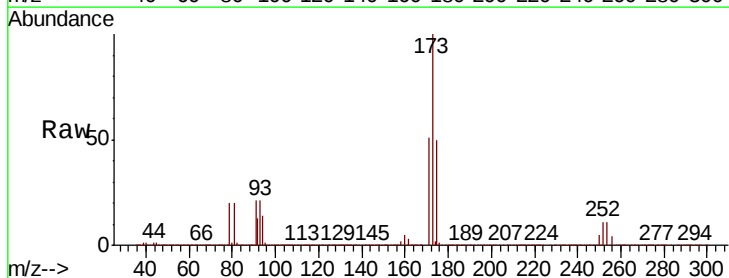
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

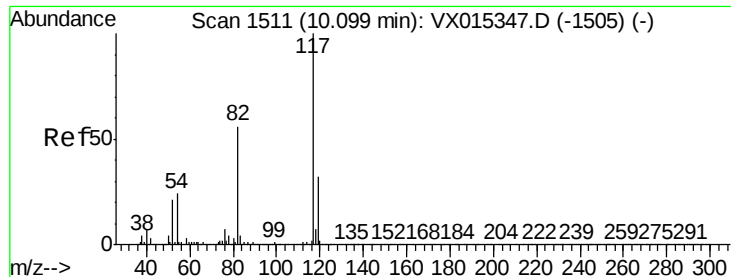
Tot Ion:	63	Resp:	999735
Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3
106	28.2	23.1	34.7



#56
Bromoform
Concen: 17.394 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion:	173	Resp:	216294
Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.0	58.4
254	11.0	9.4	14.2

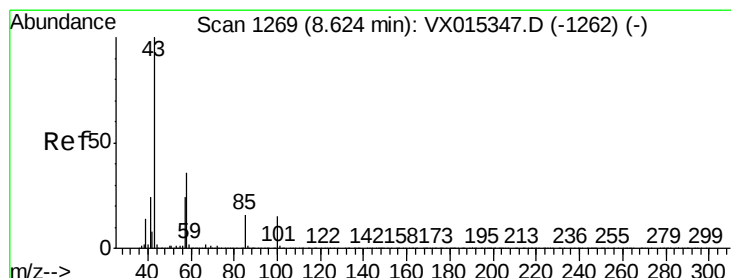
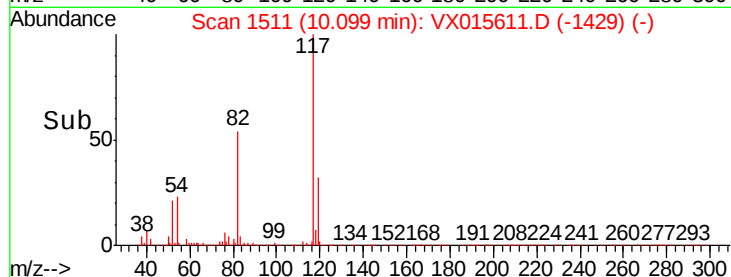
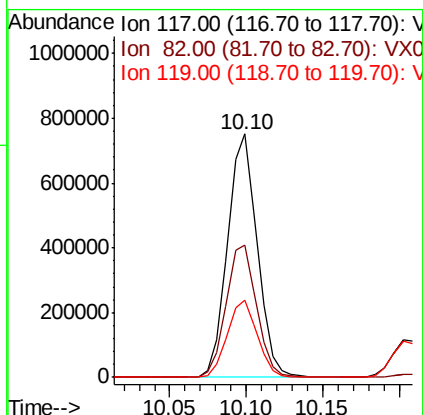
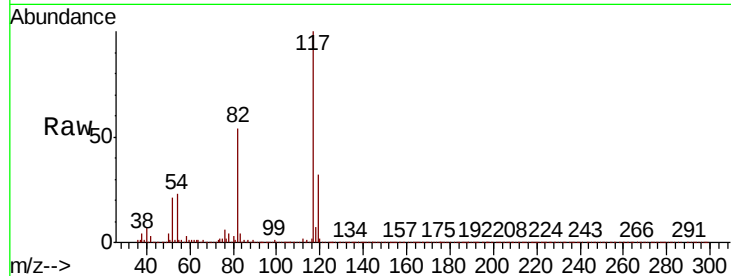




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

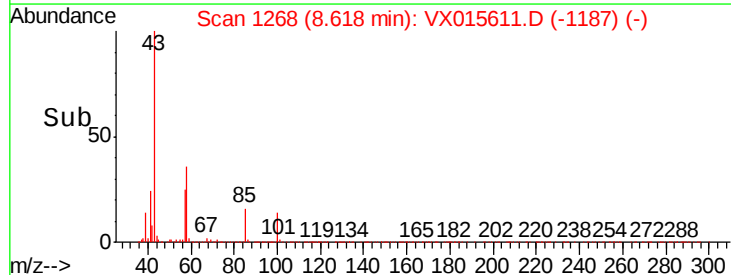
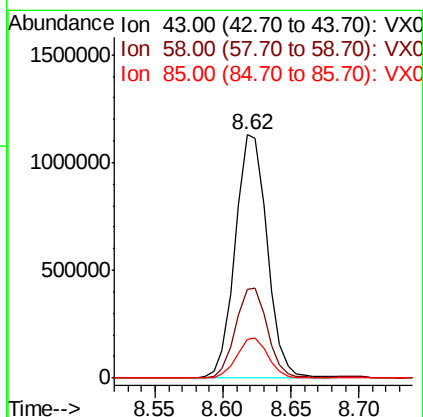
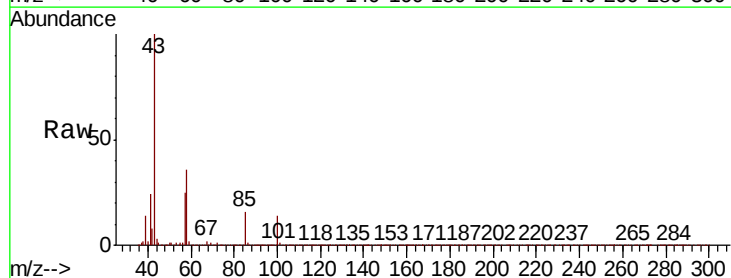
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

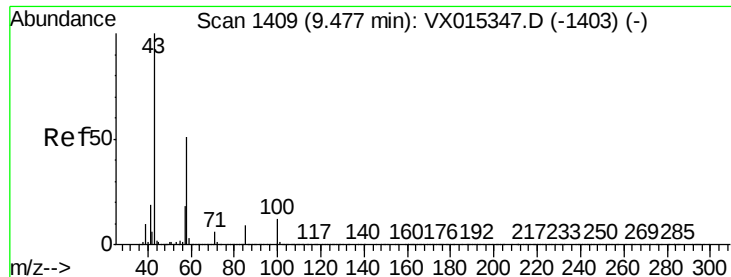
Tot Ion:117 Resp: 1009046
Ion Ratio Lower Upper
117 100
82 55.8 45.0 67.6
119 32.2 25.5 38.3



#58
4-Methyl-2-Pentanone
Concen: 96.053 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 43 Resp: 1854963
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.0
85 16.1 13.0 19.4

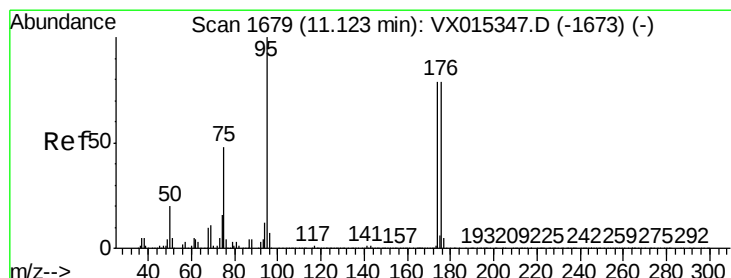
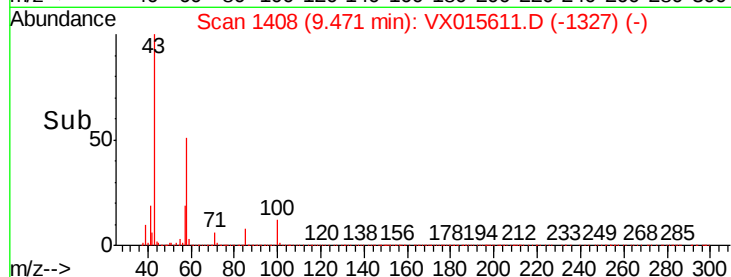
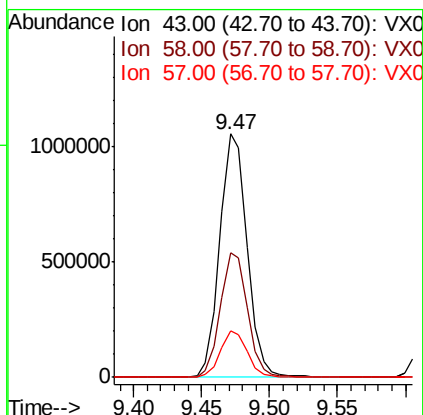
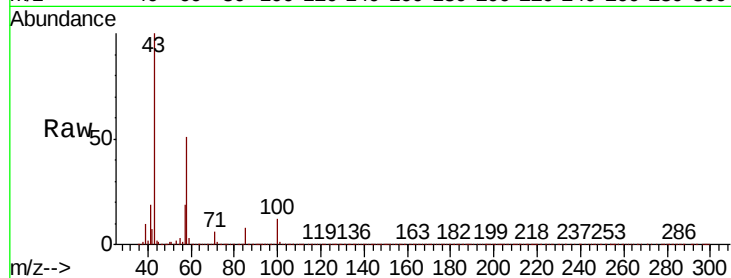




#59
2-Hexanone
Concen: 100.238 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

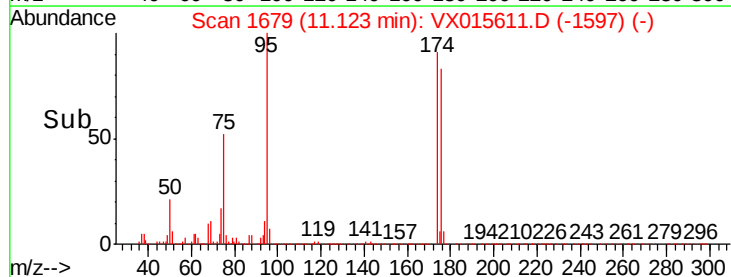
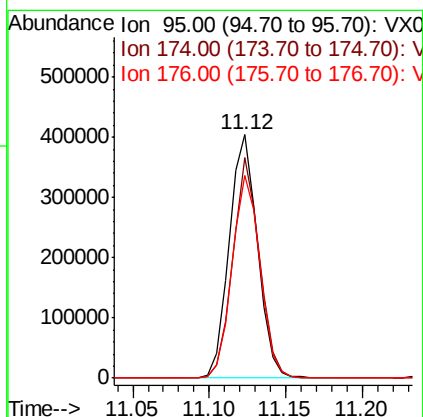
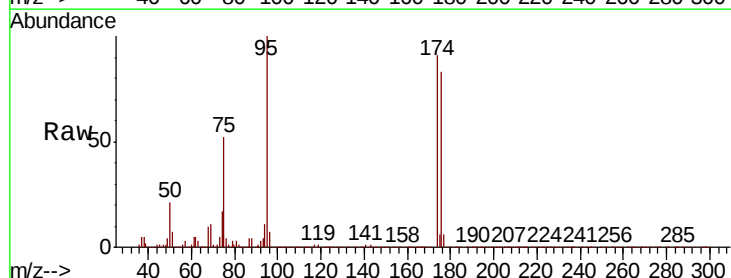
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

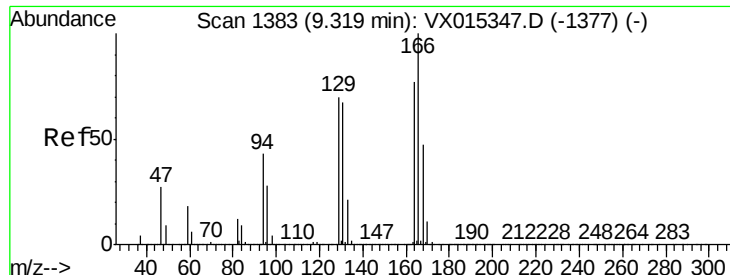
Tot Ion: 43 Resp: 1472670
Ion Ratio Lower Upper
43 100
58 51.1 40.2 60.4
57 18.6 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 29.963 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 95 Resp: 517415
Ion Ratio Lower Upper
95 100
174 85.6 66.4 99.6
176 82.4 64.1 96.1

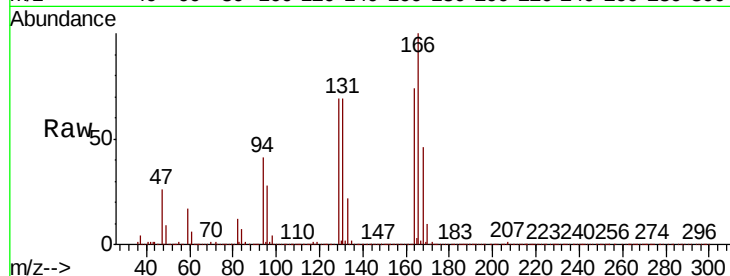




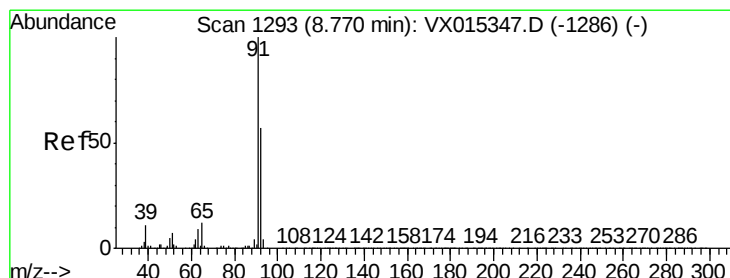
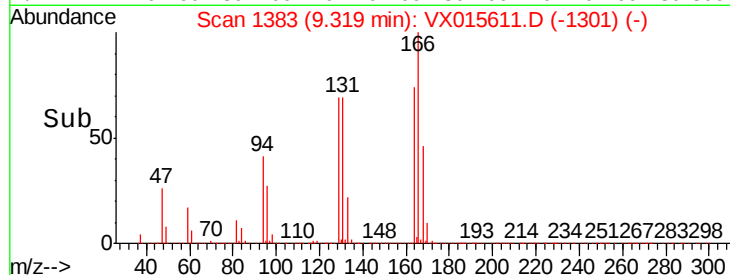
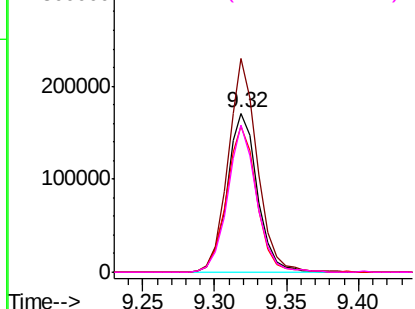
#61
Tetrachloroethene
Concen: 19.395 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	164	Resp:	251553
Ion	Ratio	Lower	Upper
164	100		
166	134.6	103.6	155.4
129	92.2	72.6	108.8
131	92.4	69.8	104.6

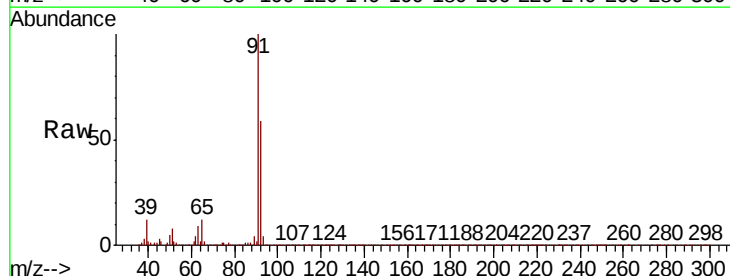


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

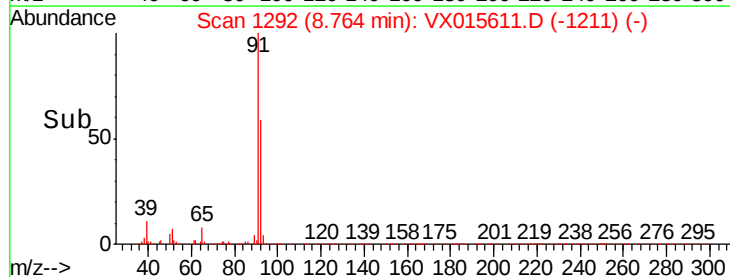
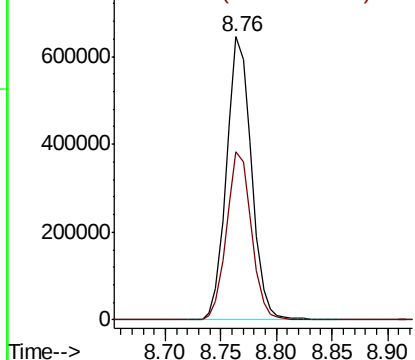


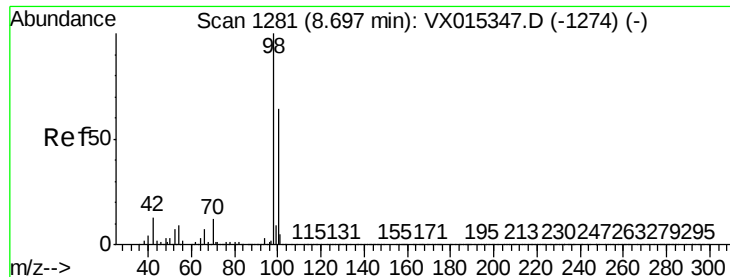
#62
Toluene
Concen: 19.557 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion:	91	Resp:	999540
Ion	Ratio	Lower	Upper
91	100		
92	59.2	46.7	70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.246 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

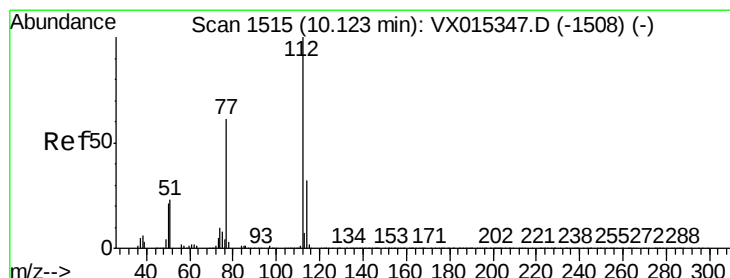
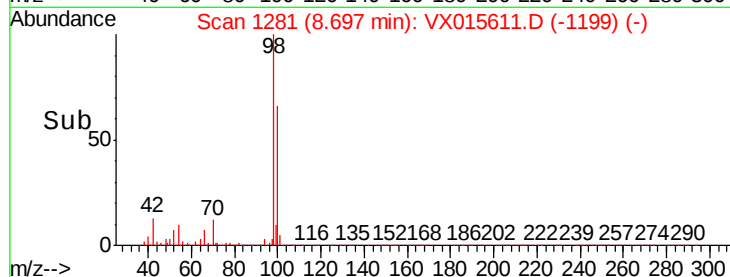
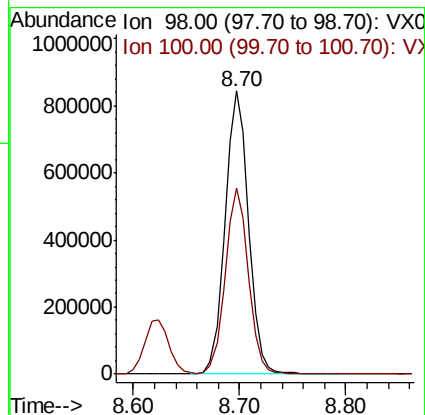
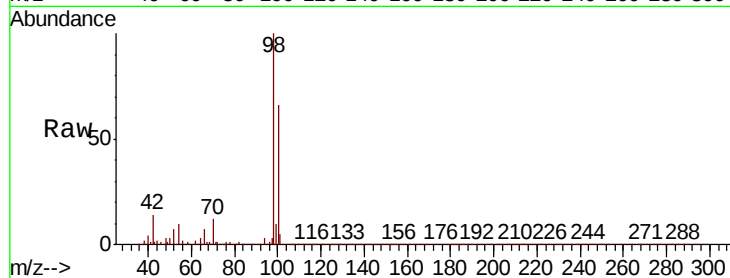
VSTDCCC020

Tot Ion: 98 Resp: 1296665

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#64

Chlorobenzene

Concen: 19.514 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015611.D

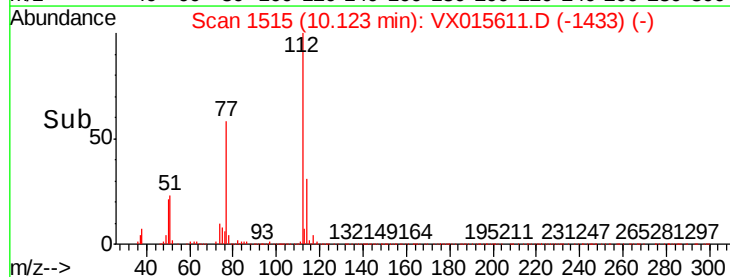
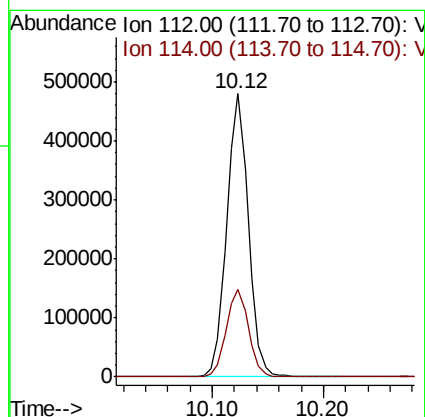
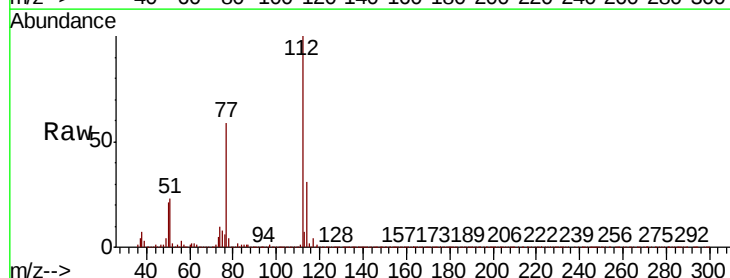
Acq: 10 Apr 2020 11:18

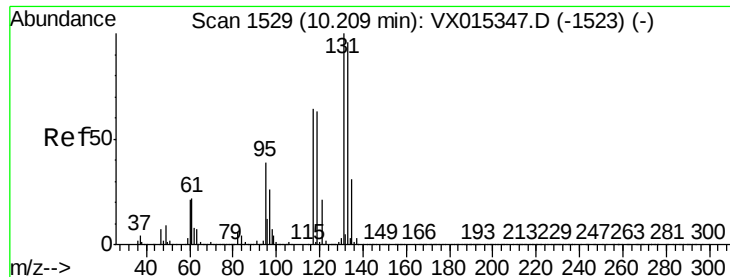
Tgt Ion: 112 Resp: 641242

Ion Ratio Lower Upper

112 100

114 31.1 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.691 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

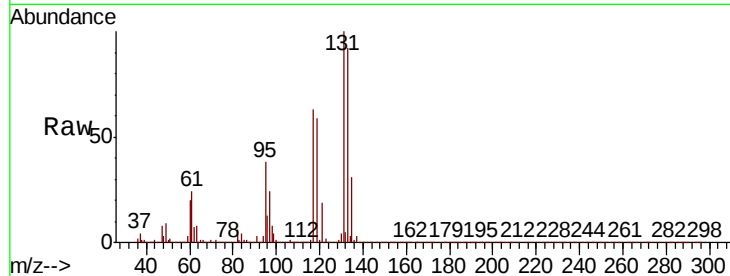
Tot Ion:131 Resp: 250980

Ion Ratio Lower Upper

131 100

133 95.9 0.0 193.6

119 62.2 0.0 128.0

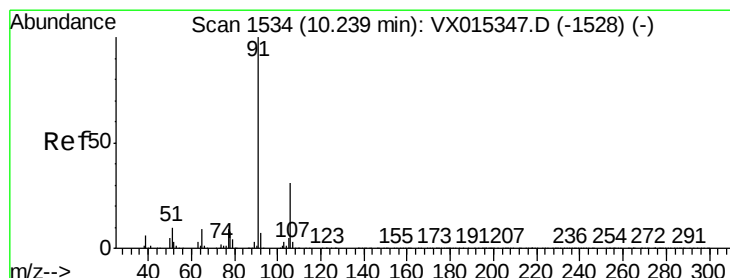
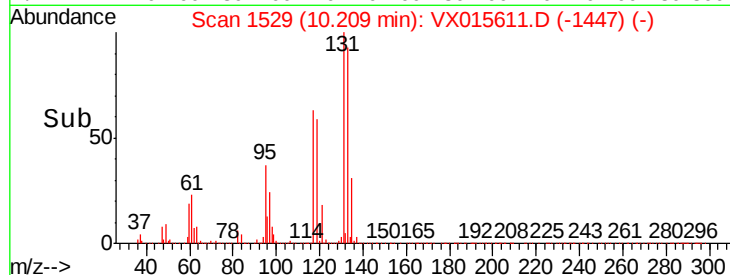
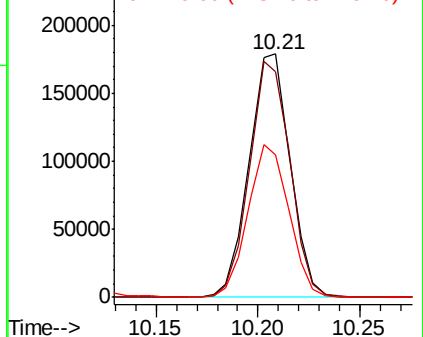


Abundance

Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.735 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015611.D

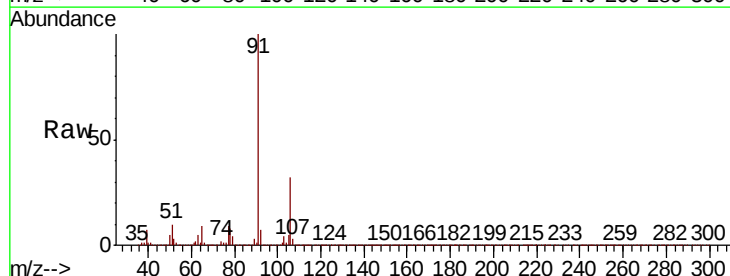
Acq: 10 Apr 2020 11:18

Tgt Ion: 91 Resp: 1152244

Ion Ratio Lower Upper

91 100

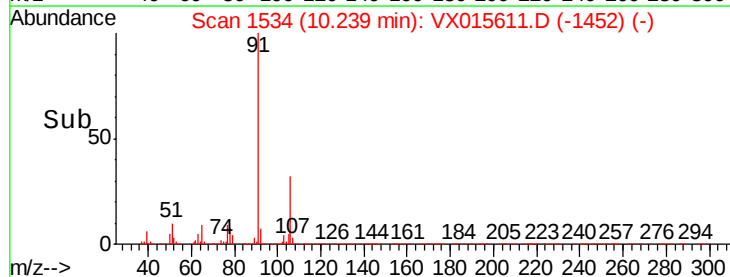
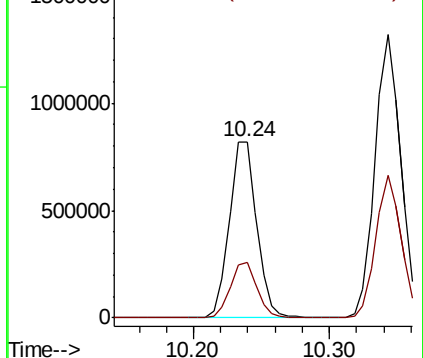
106 31.7 25.0 37.6

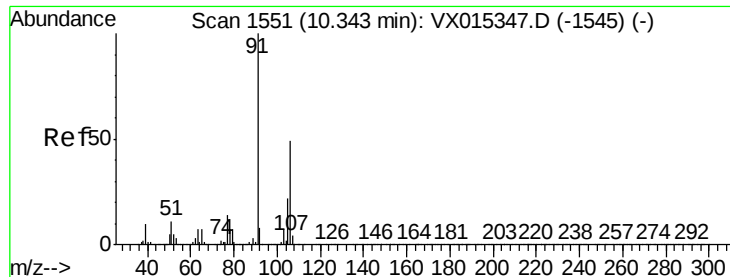


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

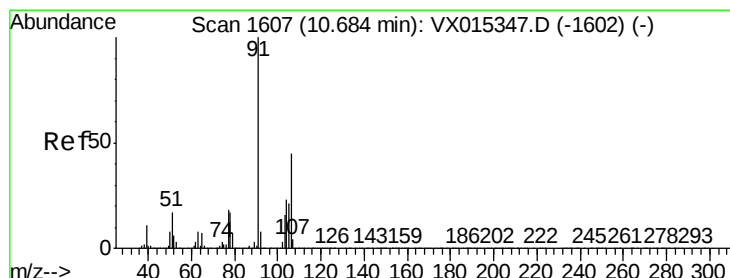
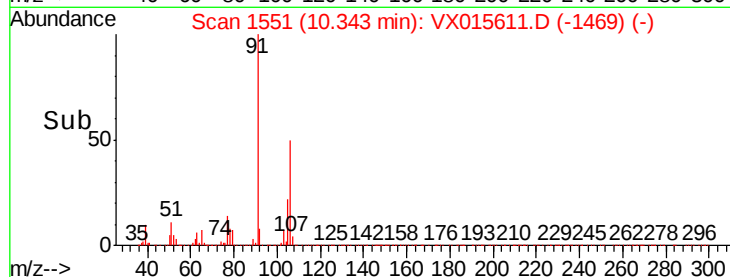
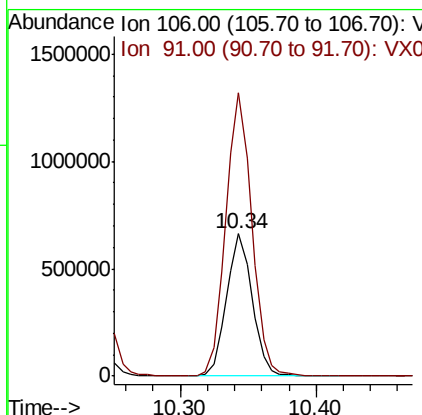
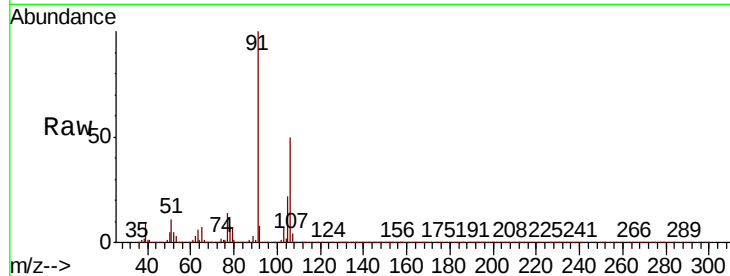




#67
m/p-Xylenes
Concen: 39.432 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

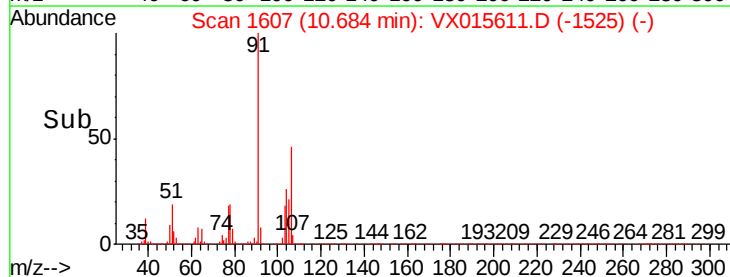
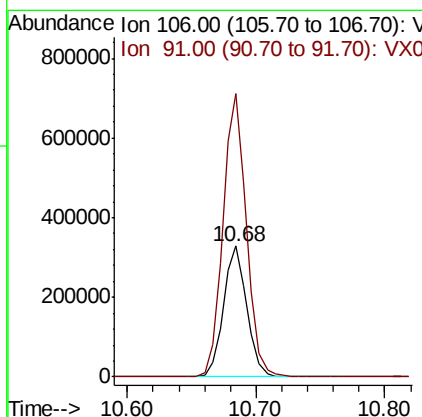
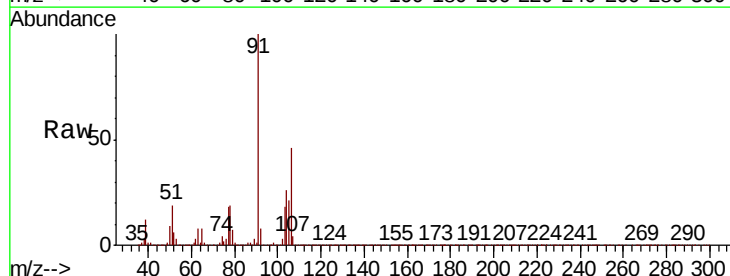
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

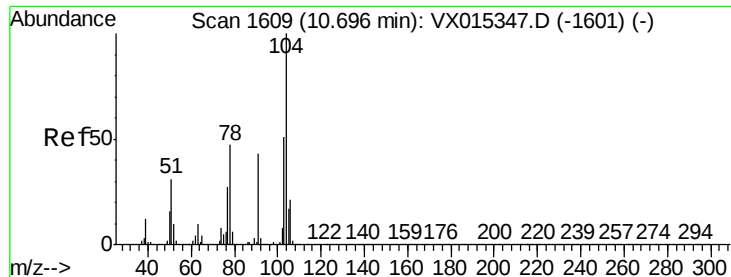
Tot Ion:106 Resp: 871412
Ion Ratio Lower Upper
106 100
91 201.9 165.0 247.4



#68
o-Xylene
Concen: 19.441 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion:106 Resp: 419942
Ion Ratio Lower Upper
106 100
91 215.8 109.1 327.2

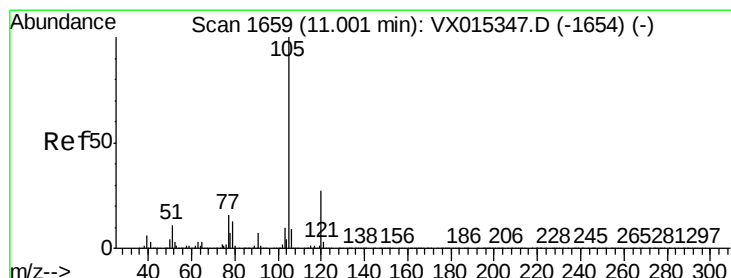
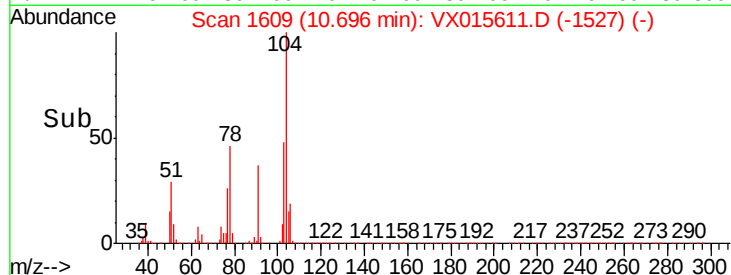
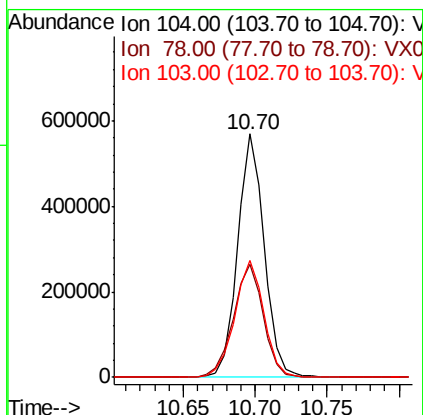
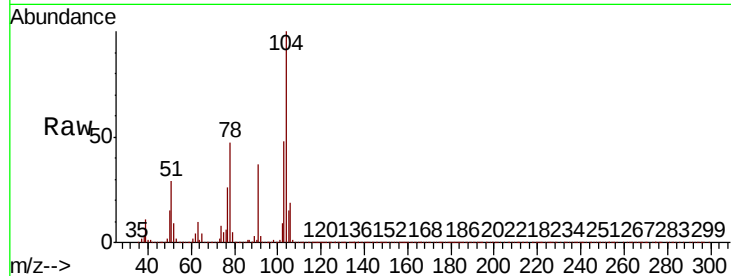




#69
Stvrene
Concen: 19.429 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

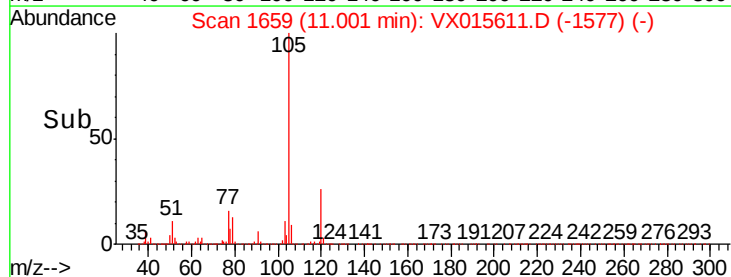
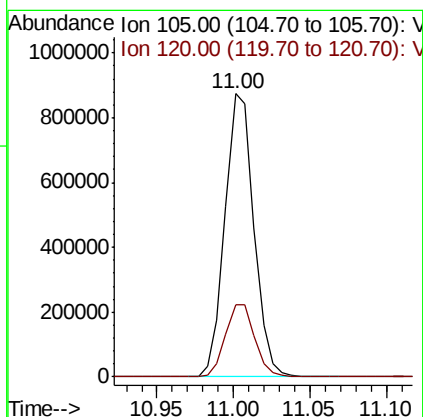
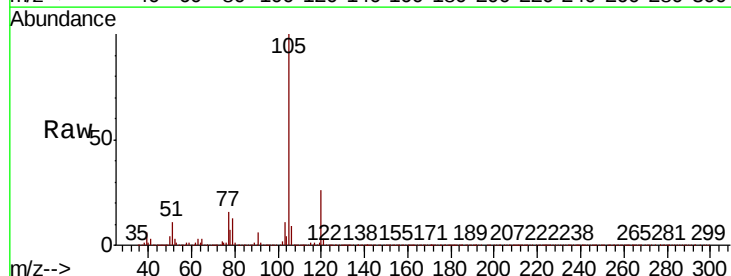
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

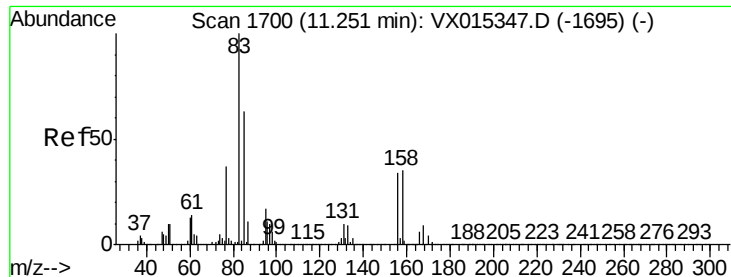
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.4	41.5	62.3
103	53.2	43.4	65.2



#70
Isopropylbenzene
Concen: 19.997 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.045 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

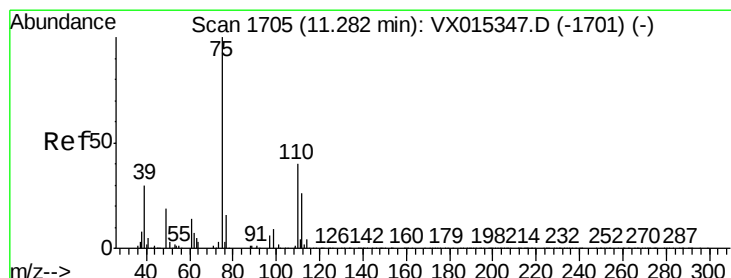
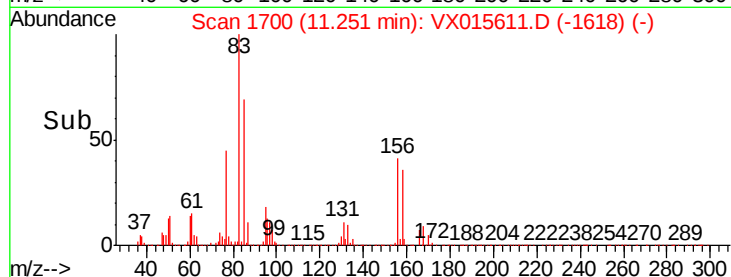
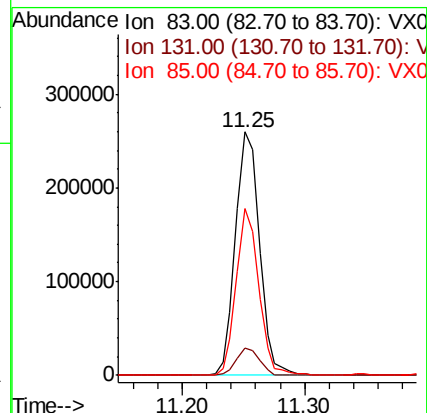
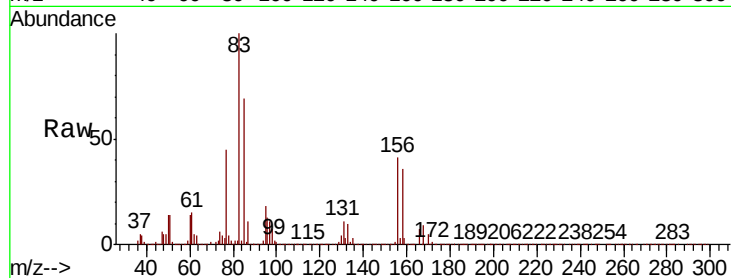
Tot Ion: 83 Resp: 353470

Ion Ratio Lower Upper

83 100

131 10.9 5.3 15.9

85 64.1 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 24.050 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015611.D

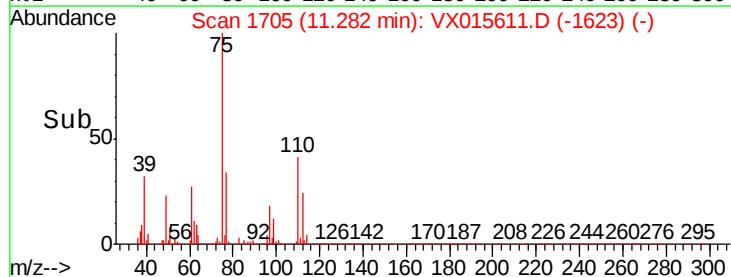
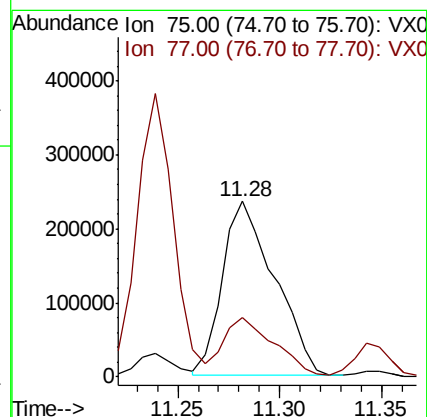
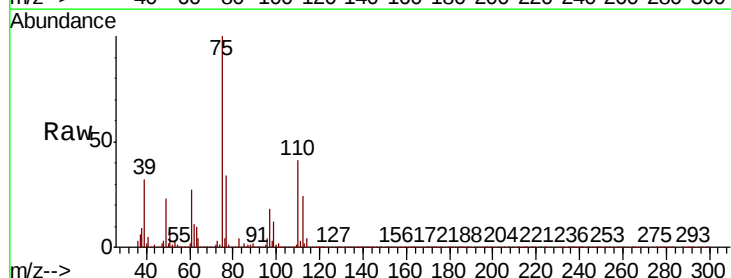
Acq: 10 Apr 2020 11:18

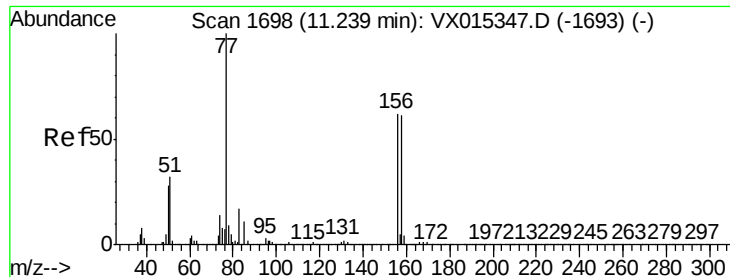
Tgt Ion: 75 Resp: 417657

Ion Ratio Lower Upper

75 100

77 33.1 0.0 80.0





#73

Bromobenzene

Concen: 19.456 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

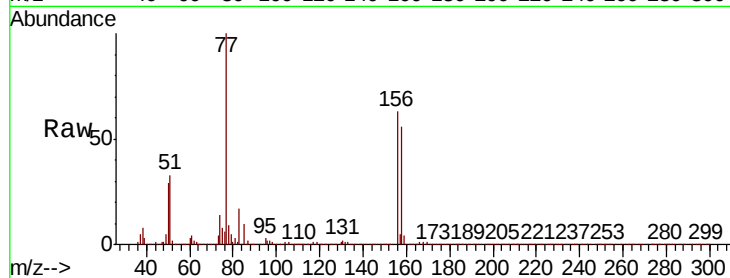
Tot Ion:156 Resp: 299070

Ion Ratio Lower Upper

156 100

77 158.0 0.0 324.4

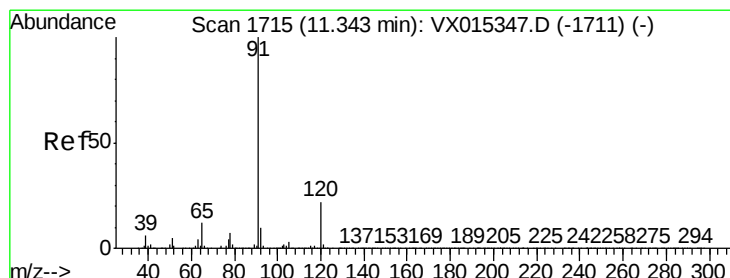
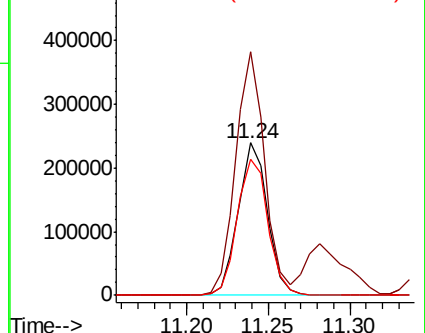
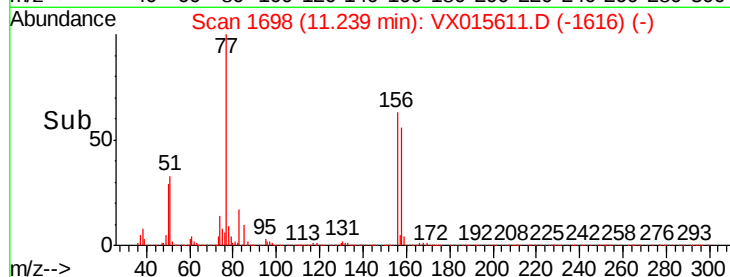
158 93.8 0.0 200.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.907 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015611.D

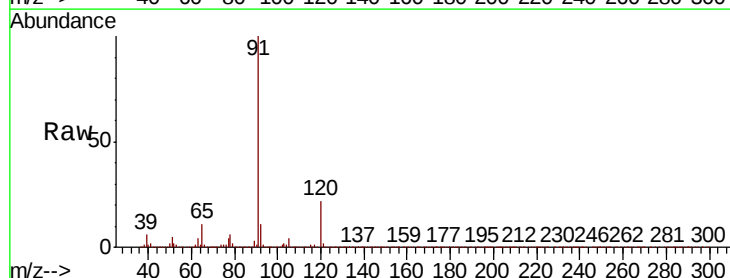
Acq: 10 Apr 2020 11:18

Tgt Ion: 91 Resp: 1307500

Ion Ratio Lower Upper

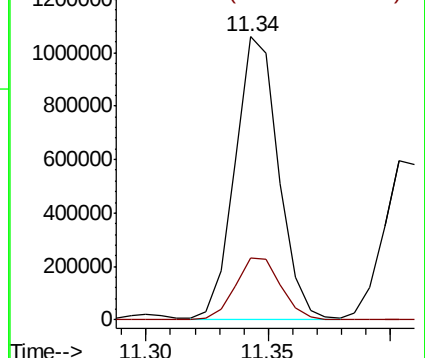
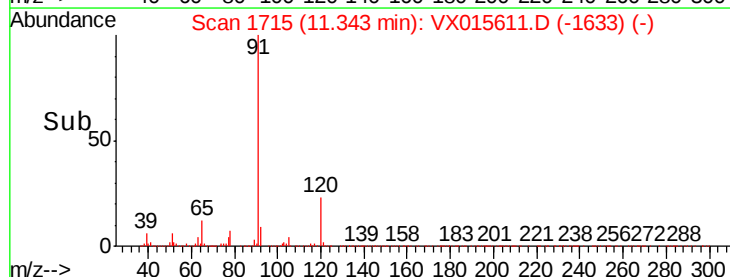
91 100

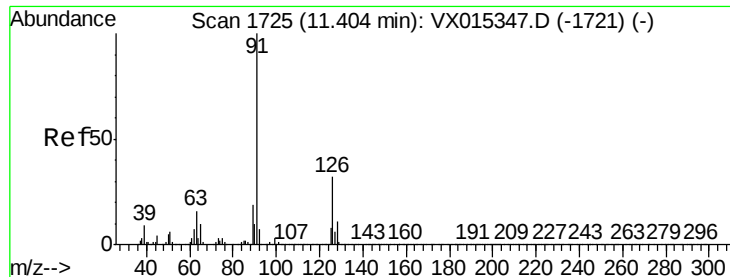
120 22.8 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.475 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

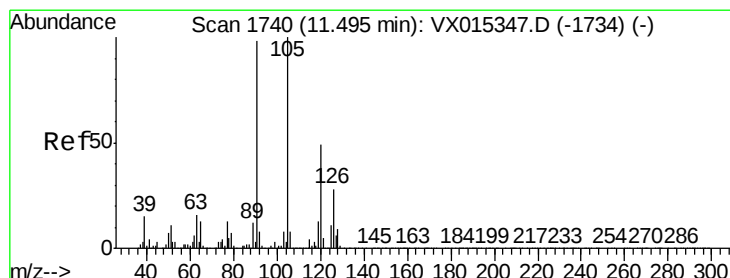
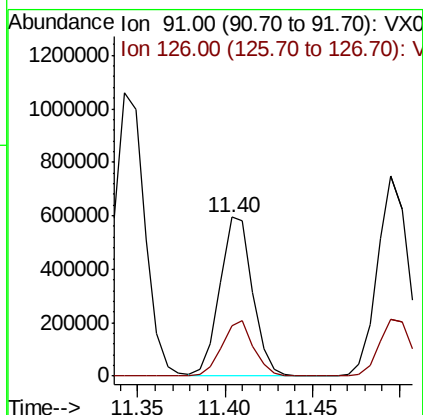
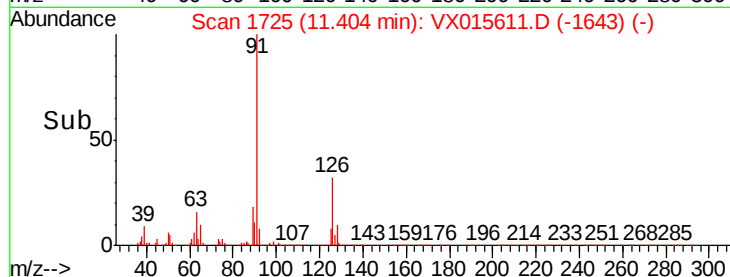
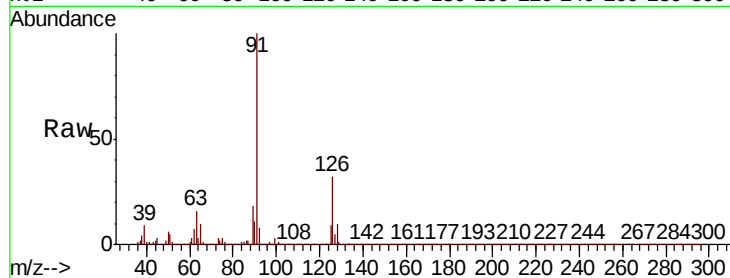
VSTDCCC020

Tot Ion: 91 Resp: 777983

Ion Ratio Lower Upper

91 100

126 33.4 0.0 65.2



#76

1,3,5-Trimethylbenzene

Concen: 19.900 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015611.D

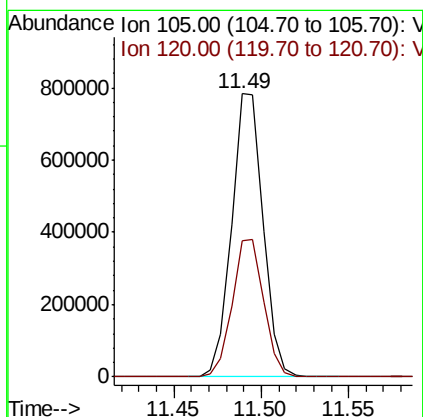
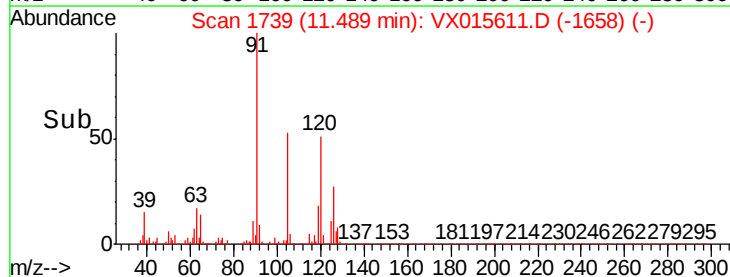
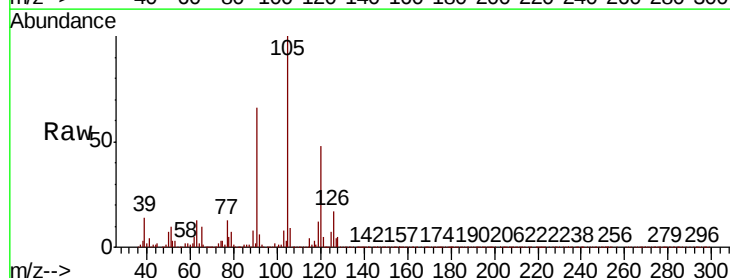
Acq: 10 Apr 2020 11:18

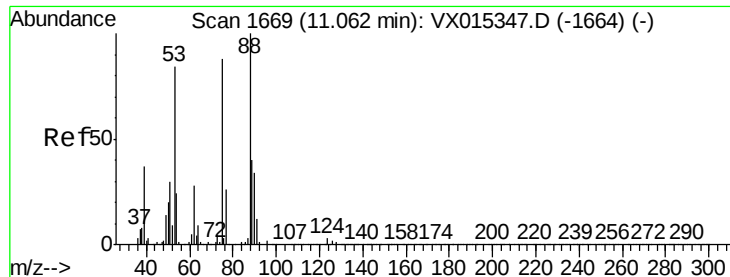
Tgt Ion: 105 Resp: 978559

Ion Ratio Lower Upper

105 100

120 48.7 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 16.513 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

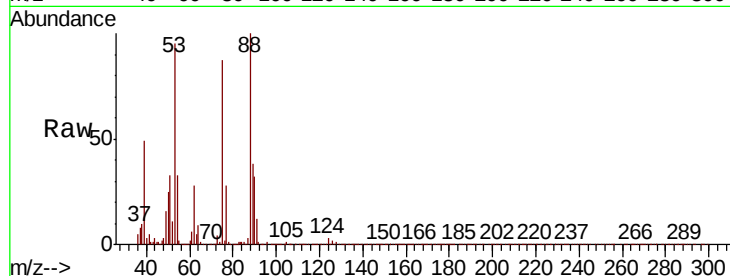
Tot Ion: 75 Resp: 123581

Ion Ratio Lower Upper

75 100

53 109.0 47.5 142.6

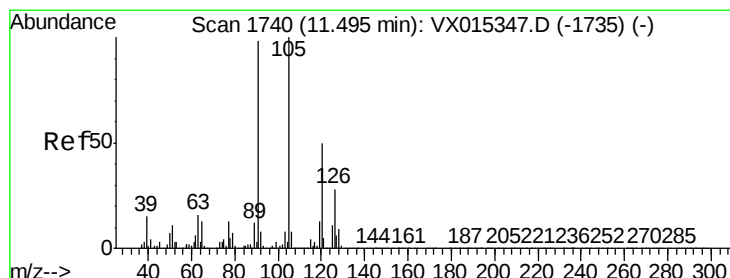
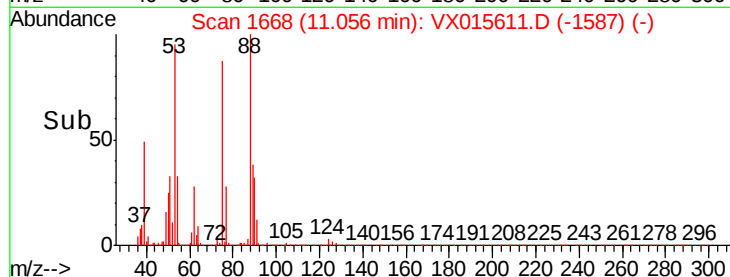
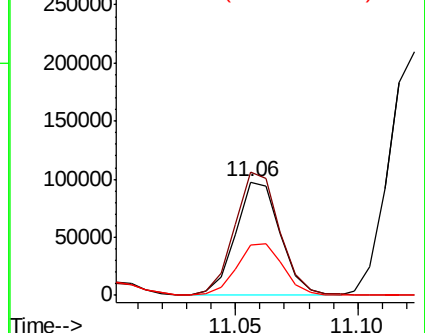
89 43.7 22.8 68.3



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: 20.048 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015611.D

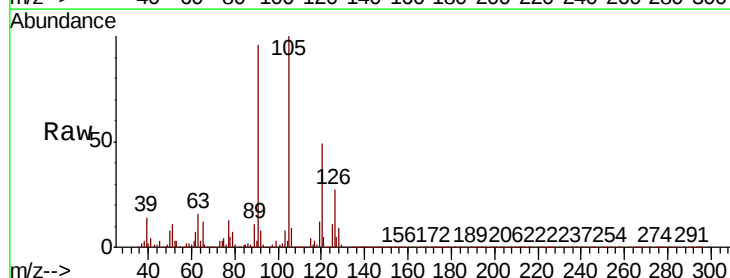
Acq: 10 Apr 2020 11:18

Tgt Ion: 91 Resp: 926510

Ion Ratio Lower Upper

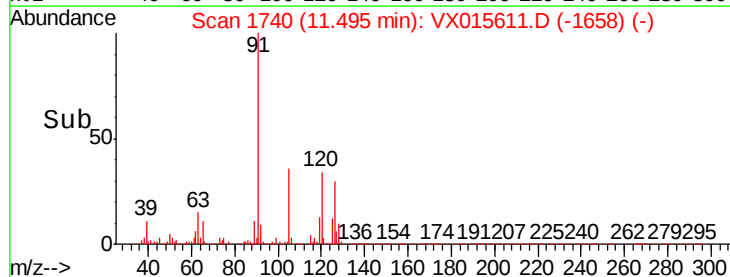
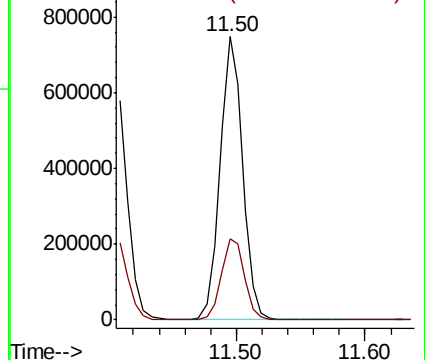
91 100

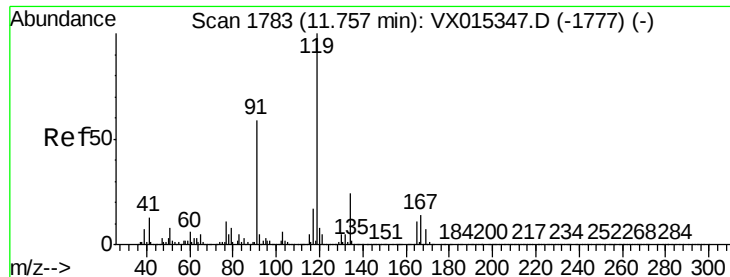
126 29.3 0.0 57.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 19.307 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

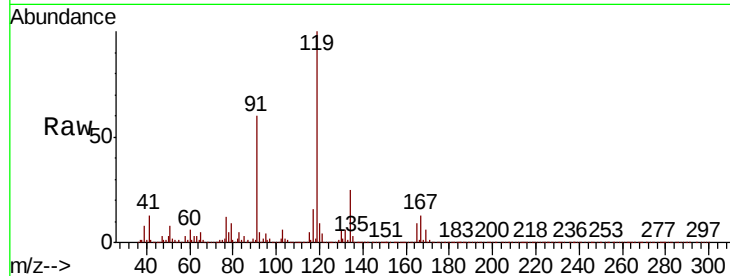
Tot Ion:119 Resp: 948896

Ion Ratio Lower Upper

119 100

91 58.7 0.0 115.8

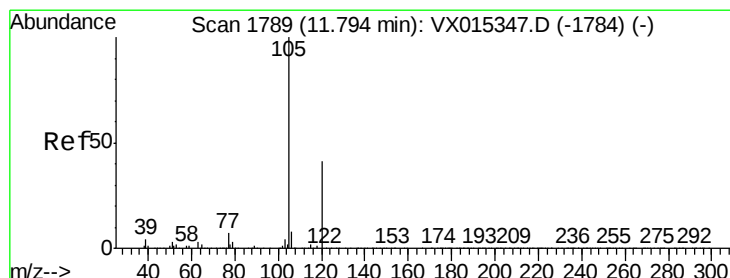
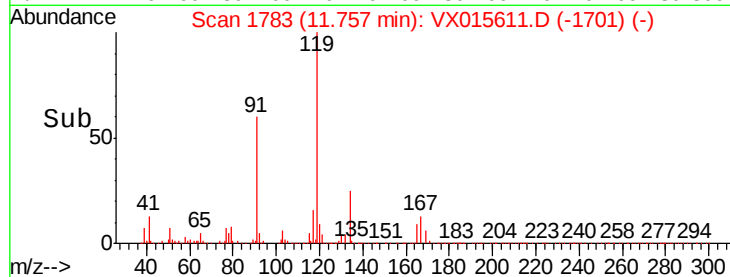
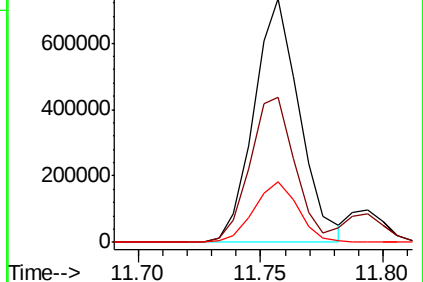
134 24.0 0.0 47.0



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: 19.629 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015611.D

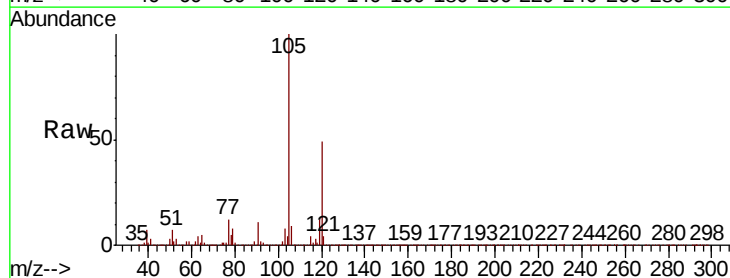
Acq: 10 Apr 2020 11:18

Tgt Ion:105 Resp: 977796

Ion Ratio Lower Upper

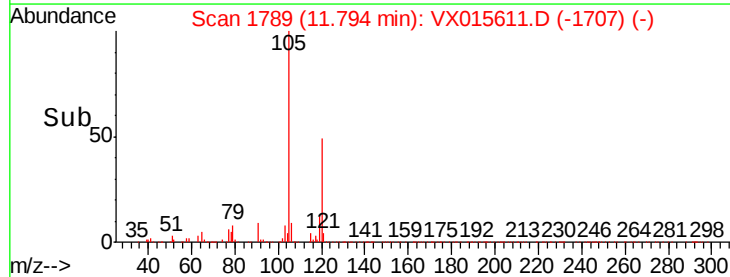
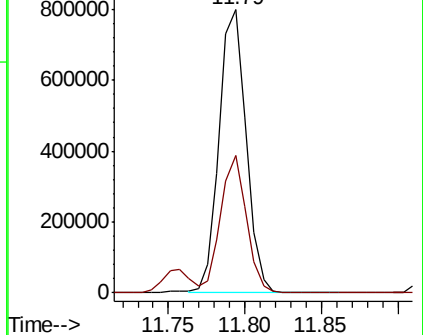
105 100

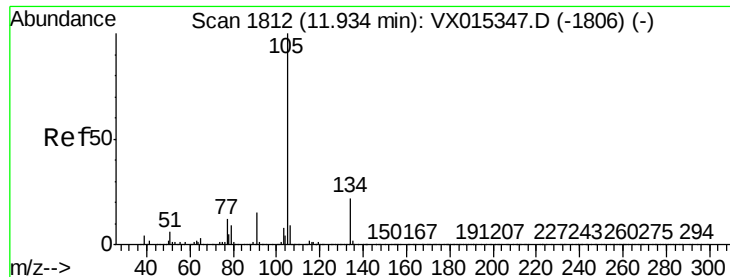
120 46.5 0.0 91.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 19.780 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

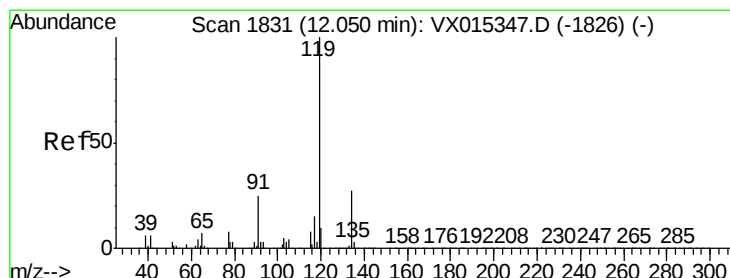
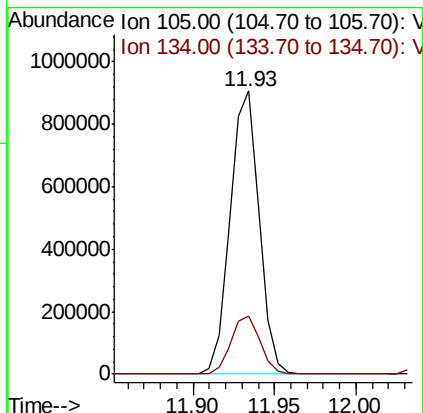
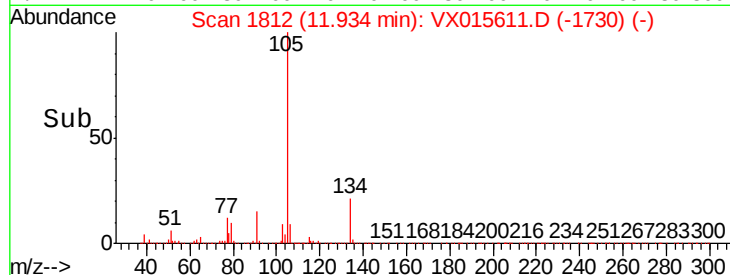
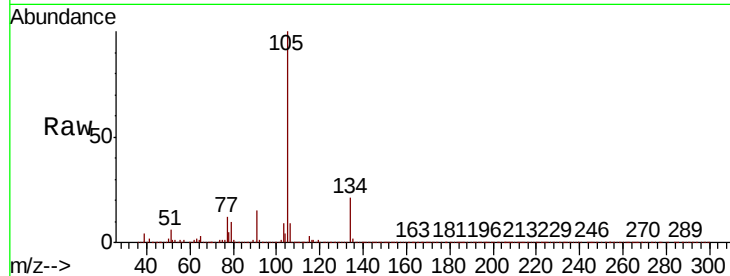
VSTDCCC020

Tot Ion:105 Resp: 1115180

Ion Ratio Lower Upper

105 100

134 20.6 0.0 41.6



#82

p-Isopropyltoluene

Concen: 19.983 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

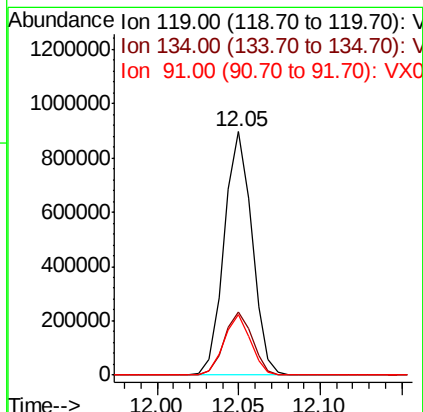
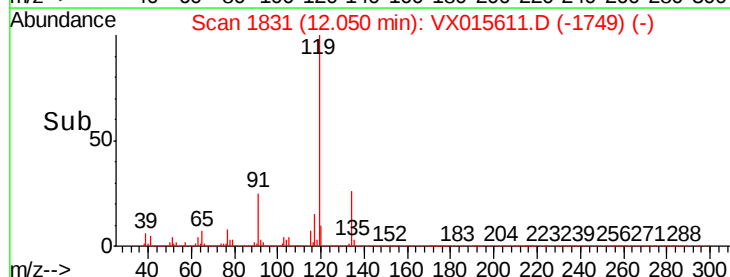
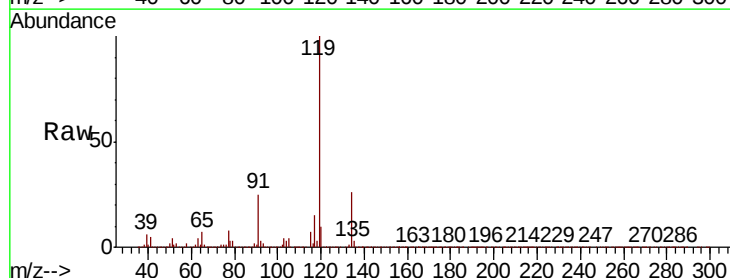
Tgt Ion:119 Resp: 1061844

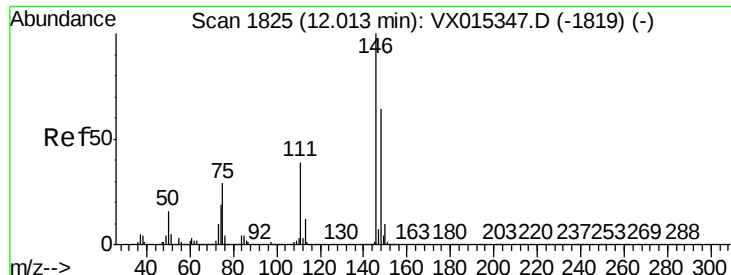
Ion Ratio Lower Upper

119 100

134 26.0 0.0 53.2

91 23.9 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 19.351 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

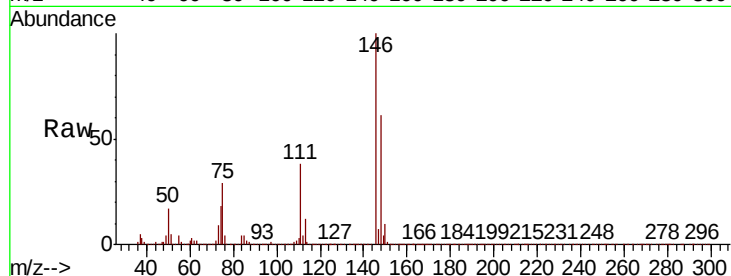
Tot Ion:146 Resp: 534854

Ion Ratio Lower Upper

146 100

111 39.3 20.1 60.2

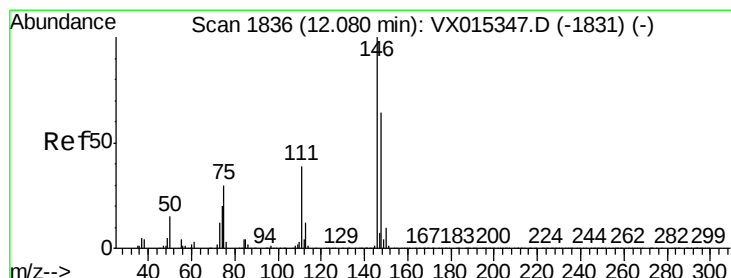
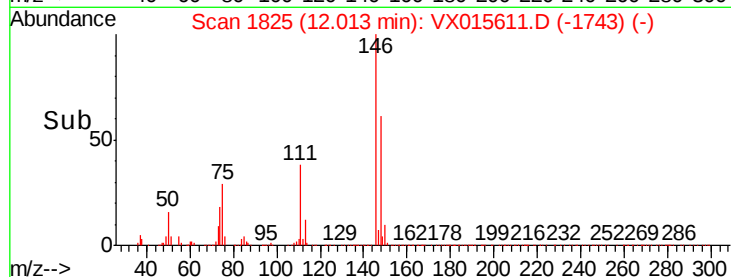
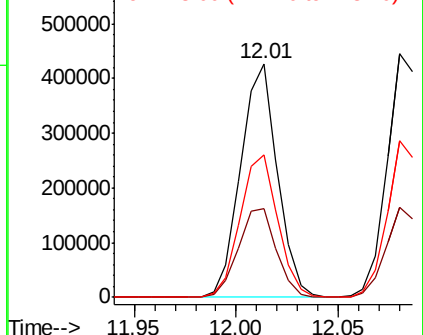
148 62.3 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 20.153 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VX015611.D

Acq: 10 Apr 2020 11:18

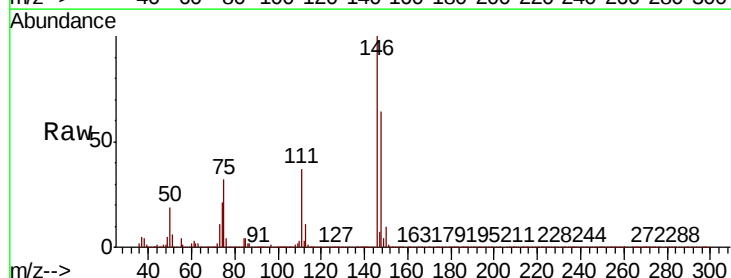
Tgt Ion:146 Resp: 555875

Ion Ratio Lower Upper

146 100

111 36.7 18.9 56.9

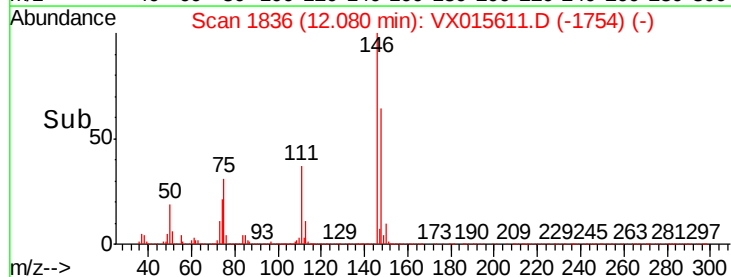
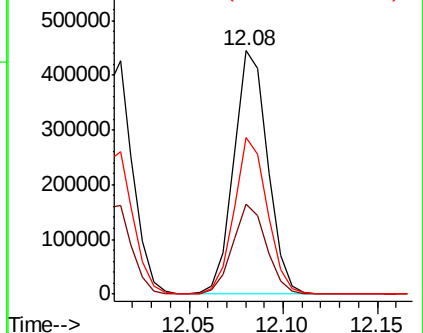
148 63.0 31.4 94.3

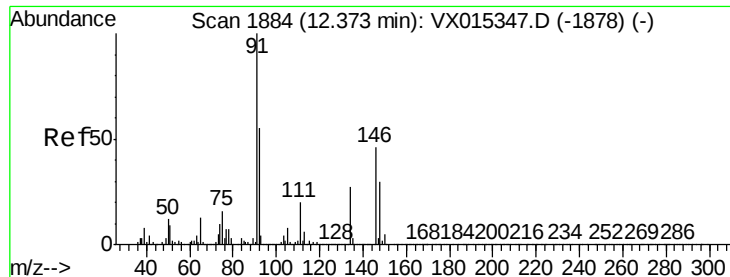


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

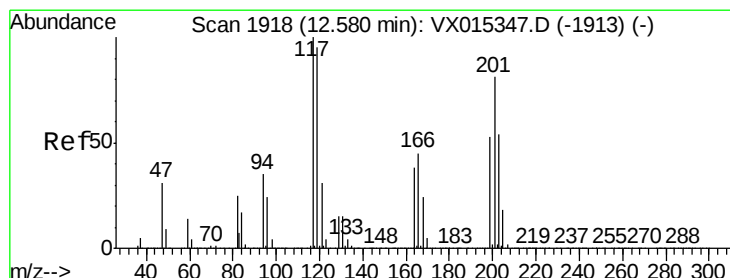
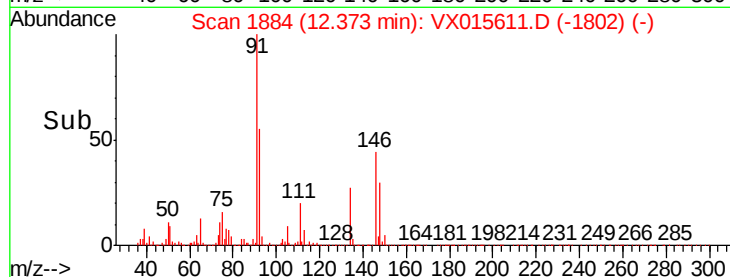
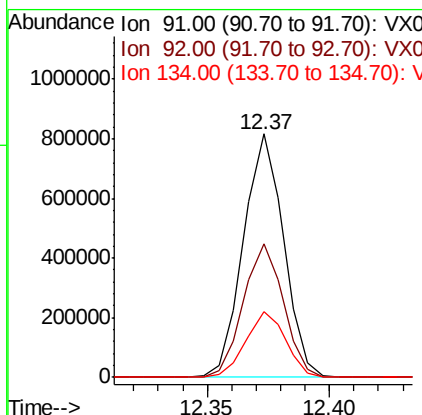
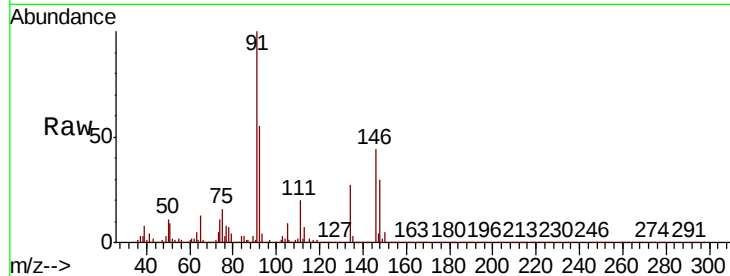




#85
n-Butylbenzene
Concen: 19.752 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

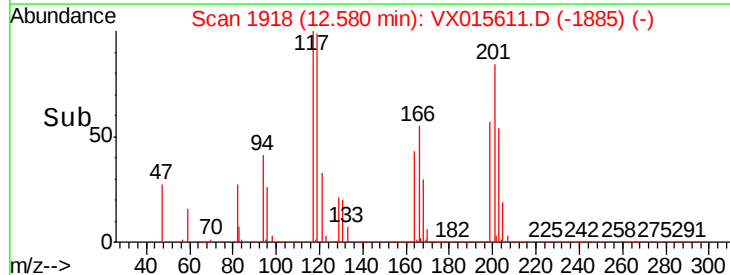
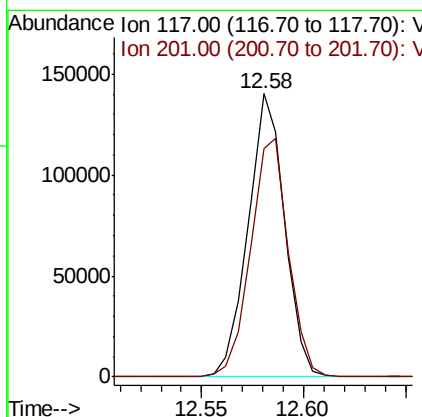
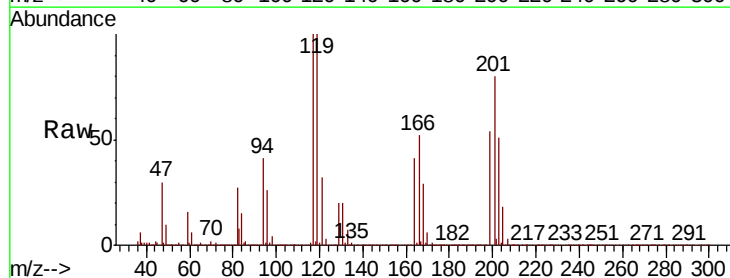
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

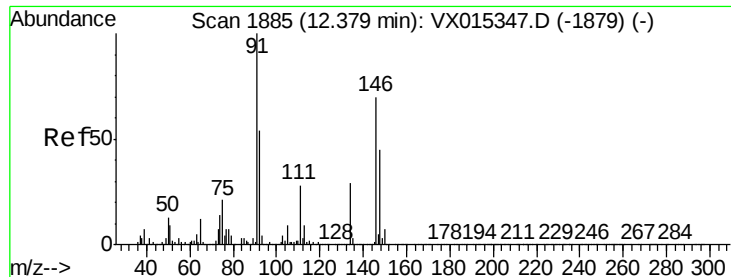
Tot Ion: 91 Resp: 935505
Ion Ratio Lower Upper
91 100
92 54.8 0.0 109.0
134 26.8 0.0 54.0



#86
Hexachloroethane
Concen: 17.086 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion: 117 Resp: 175477
Ion Ratio Lower Upper
117 100
201 86.7 44.9 134.5

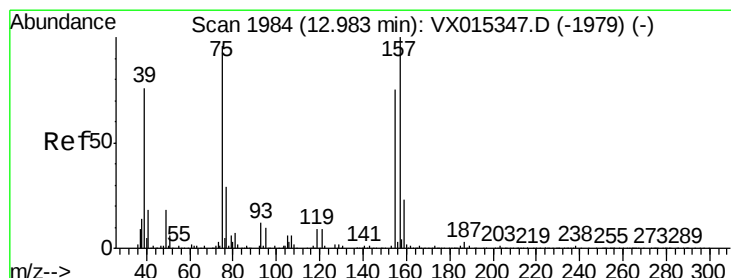
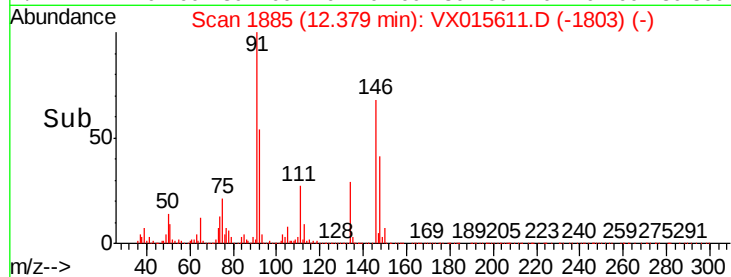
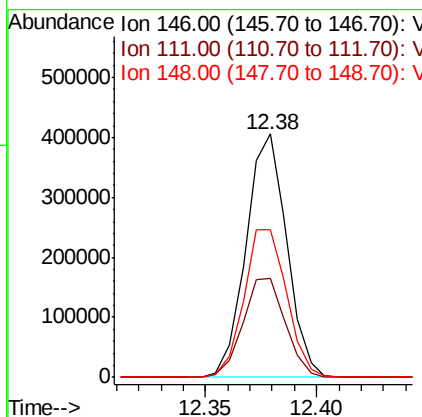
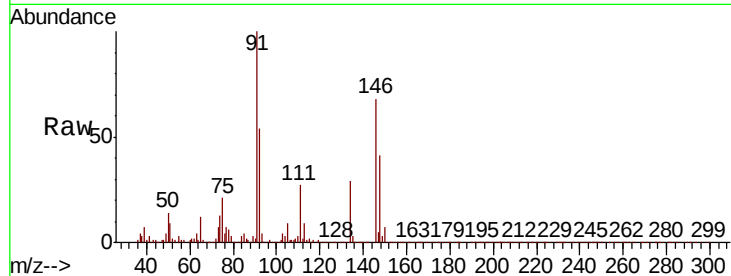




#87
 1,2-Dichlorobenzene
 Concen: 19.168 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

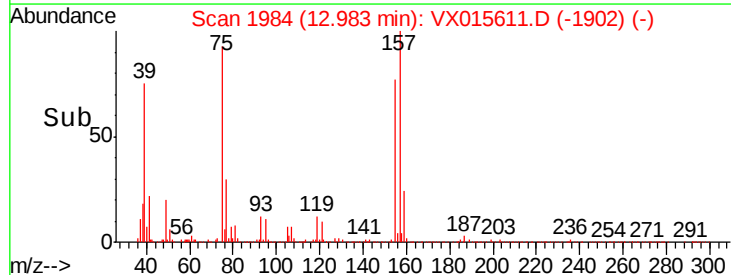
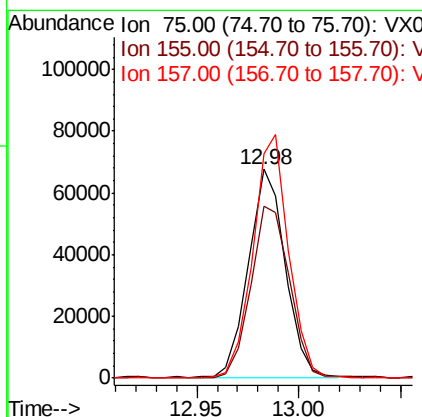
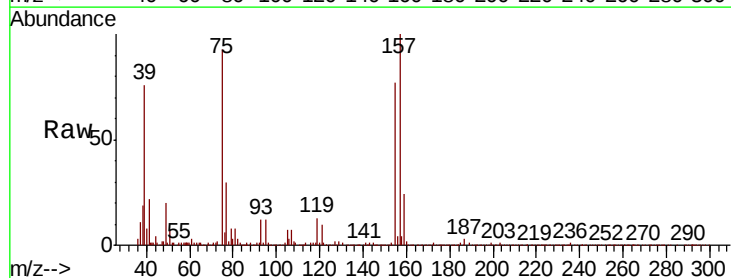
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

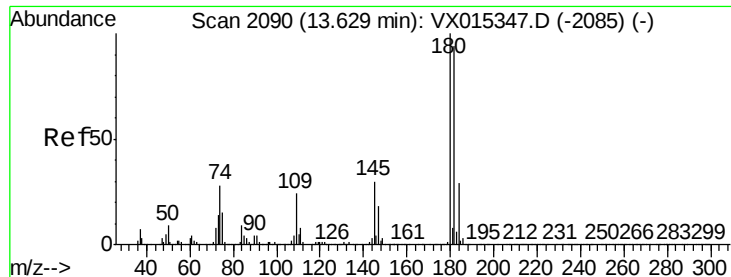
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.4	61.2
148	64.0	31.9	95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.457 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	67.7	101.5
157	112.9	88.5	132.7

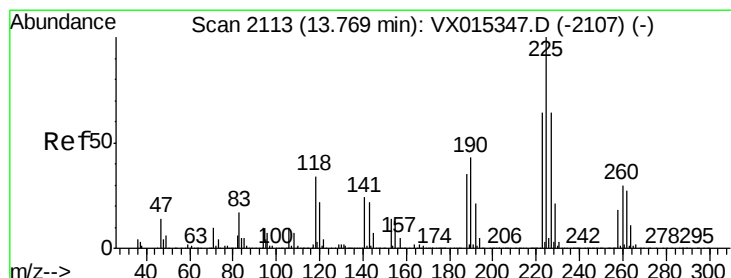
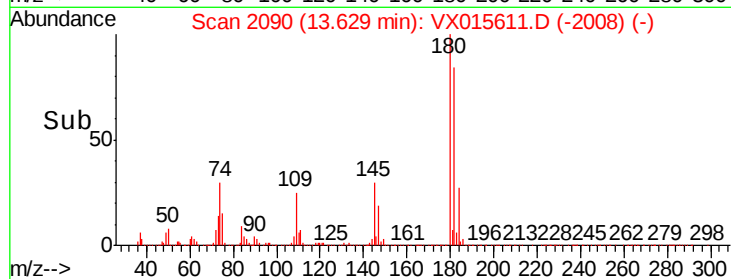
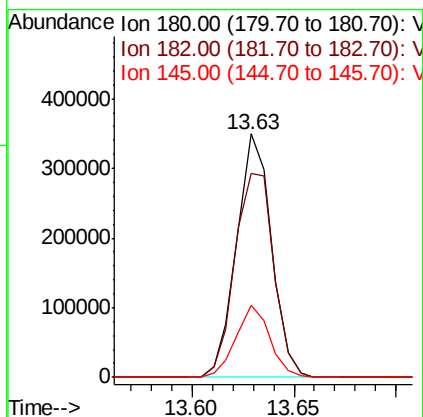
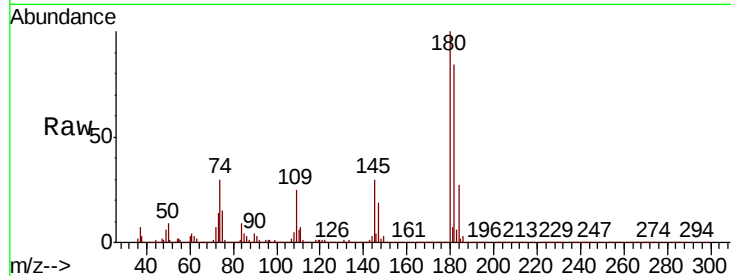




#89
 1,2,4-Trichlorobenzene
 Concen: 19.074 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

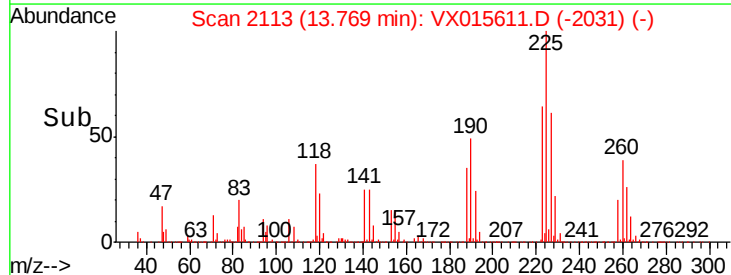
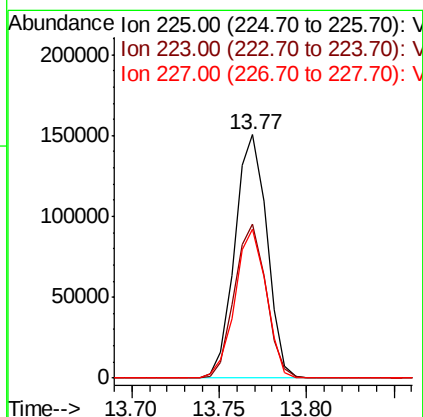
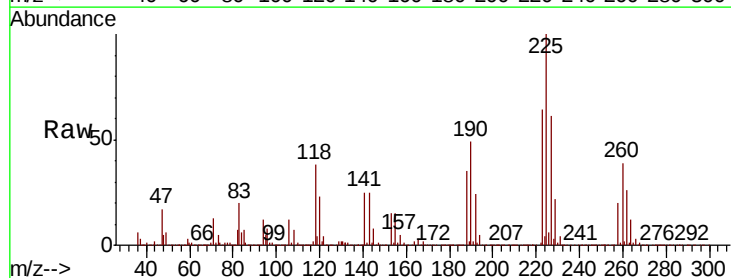
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

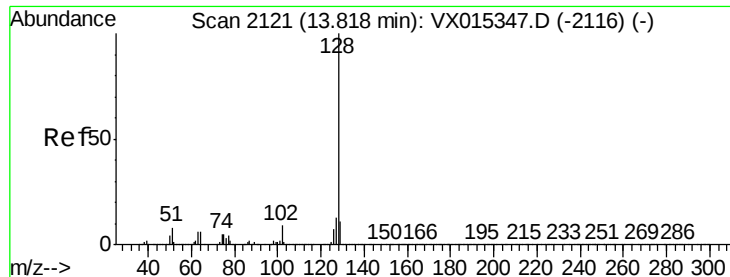
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	76.9	115.3
145	28.9	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 16.813 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015611.D
 Acq: 10 Apr 2020 11:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	0.0	127.0
227	59.7	0.0	126.8

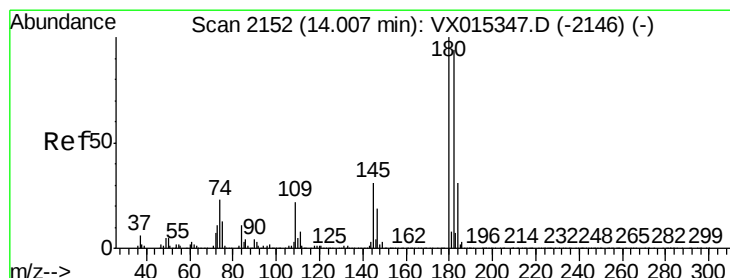
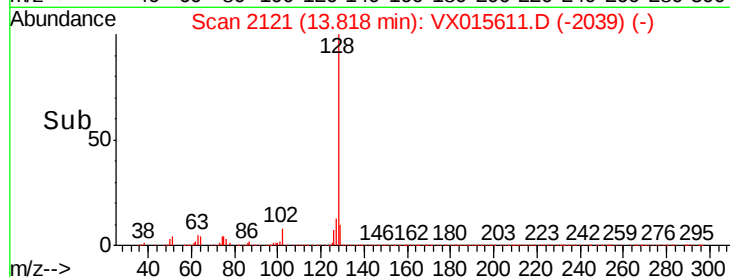
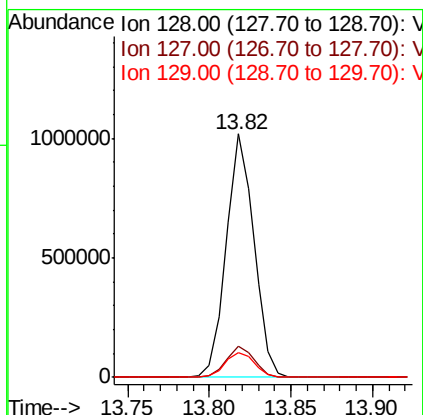
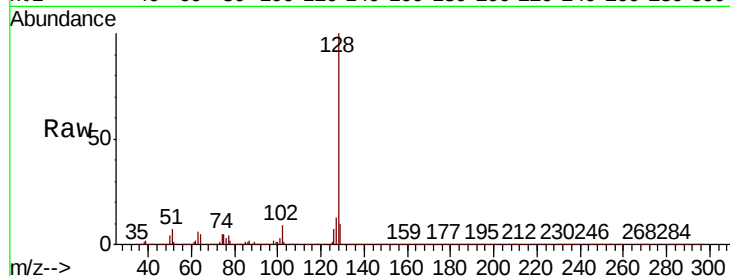




#91
Naphthalene
Concen: 19.129 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion:128 Resp: 1203243
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 18.647 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015611.D
Acq: 10 Apr 2020 11:18

Tgt Ion:180 Resp: 402392
Ion Ratio Lower Upper
180 100
182 94.3 0.0 191.0
145 31.6 0.0 62.2

