

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032520\
 Data File : VX015347.D
 Acq On : 25 Mar 2020 18:31
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 26 02:16:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:14:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	192882	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	1082704	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	971700	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	455663	34.20	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	114.00%
60) 4-Bromofluorobenzene	11.12	95	504486	32.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	106.80%
63) Toluene-d8	8.70	98	1270664	30.22	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	169066	17.798	ug/l 100
3) Chloromethane	1.31	50	201831	15.303	ug/l 100
4) Vinyl Chloride	1.39	62	200027	14.948	ug/l 100
5) Bromomethane	1.64	94	134250	15.280	ug/l 100
6) Chloroethane	1.72	64	129133	15.325	ug/l 100
7) Trichlorofluoromethane	1.92	101	294407	16.907	ug/l 100
8) Diethyl Ether	2.17	74	111144	14.749	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	195474	17.957	ug/l 100
10) 1,1-Dichloroethene	2.36	96	198257	18.057	ug/l 100
11) Methyl Iodide	2.50	142	245535	20.266	ug/l 100
12) Methyl Acetate	2.75	43	292000	20.668	ug/l 100
13) Acrolein	2.27	56	191965	89.112	ug/l 100
14) Acrylonitrile	3.12	53	632919	97.460	ug/l 100
15) Acetone	2.42	58	163153	91.067	ug/l 100
16) Carbon Disulfide	2.55	76	579796	18.394	ug/l 100
17) Allyl chloride	2.71	41	449287	20.965	ug/l 100
18) Methylene Chloride	2.84	84	222722	17.771	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	215676	17.895	ug/l 100
20) Diisopropyl ether	3.83	45	820393	19.651	ug/l 100
21) 1,1-Dichloroethane	3.67	63	413833	18.853	ug/l 100
22) cis-1,2-Dichloroethene	4.57	96	244888	18.110	ug/l 100
23) tert-Butyl Alcohol	3.01	59	315622	117.444	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	744967	20.157	ug/l 100
25) Chloroform	5.18	83	404602	19.472	ug/l 100
26) Cyclohexane	5.55	56	391614	19.231	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	308575	18.688	ug/l 100
30) 2-Butanone	4.64	43	948045	104.717	ug/l 100
31) 2,2-Dichloropropane	4.56	77	379832	21.440	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	381700	20.759	ug/l 100
33) Carbon Tetrachloride	5.76	117	346685	21.709	ug/l 100
34) Benzene	6.12	78	903896	18.268	ug/l 100
35) Methacrylonitrile	5.01	41	212095	21.263	ug/l 100
36) 1,2-Dichloroethane	6.17	62	356089	20.928	ug/l 100
37) Trichloroethene	7.19	130	252570	18.253	ug/l 100
38) Methylcyclohexane	7.45	83	383326	18.822	ug/l 100
39) 1,2-Dichloropropane	7.50	63	241570	18.600	ug/l 100
40) Dibromomethane	7.64	93	159402	19.197	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	346373	20.556	ug/l	100
42) Vinyl Acetate	3.79	43	3705770	102.772	ug/l	100
43) Ethyl Acetate	4.79	43	376979	21.512	ug/l	100
44) Isopropyl Acetate	6.42	43	657923	22.226	ug/l	100
45) 1,4-Dioxane	7.72	88	124297	426.230	ug/l	100
46) Methyl methacrylate	7.75	41	327236	22.192	ug/l	100
47) n-amyl Acetate	10.88	43	554459	21.041	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	398932	21.487	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	415299	20.200	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	229755	18.802	ug/l	100
51) Ethyl methacrylate	9.16	69	390561	20.084	ug/l	100
52) 1,3-Dichloropropane	9.36	76	402016	19.332	ug/l	100
53) Dibromochloromethane	9.57	129	281348	20.912	ug/l	100
54) 1,2-Dibromoethane	9.65	107	247707	19.507	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	963370	99.324	ug/l	100
56) Bromoform	10.84	173	227499	21.538	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	1886923	109.606	ug/l	100
59) 2-Hexanone	9.48	43	1421823	109.391	ug/l	100
61) Tetrachloroethene	9.32	164	242076	18.114	ug/l	100
62) Toluene	8.77	91	959555	18.640	ug/l	100
64) Chlorobenzene	10.12	112	603772	18.581	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	245172	20.102	ug/l	100
66) Ethyl Benzene	10.24	91	1101334	19.243	ug/l	100
67) m/p-Xylenes	10.34	106	822719	37.625	ug/l	100
68) o-Xylene	10.68	106	402189	19.083	ug/l	100
69) Styrene	10.70	104	702861	19.179	ug/l	100
70) Isopropylbenzene	11.00	105	1078379	19.272	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	341533	18.824	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	421104	27.634	ug/l	85
73) Bromobenzene	11.24	156	278656	18.371	ug/l	100
74) n-propylbenzene	11.34	91	1242493	18.760	ug/l	100
75) 2-Chlorotoluene	11.40	91	754213	19.393	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	926602	19.282	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	138137	21.240	ug/l	100
78) 4-Chlorotoluene	11.49	91	870778	19.469	ug/l	100
79) tert-butylbenzene	11.76	119	916903	19.928	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	937377	19.479	ug/l	100
81) sec-Butylbenzene	11.93	105	1058822	18.815	ug/l	100
82) p-Isopropyltoluene	12.05	119	981704	18.968	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	499081	18.425	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	502323	18.479	ug/l	100
85) n-Butylbenzene	12.37	91	879685	19.287	ug/l	100
86) Hexachloroethane	12.58	117	183177	19.807	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	492406	18.598	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	91341	22.852	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	377631	19.070	ug/l	100
90) Hexachlorobutadiene	13.77	225	193278	19.111	ug/l	100
91) Naphthalene	13.82	128	1176874	20.982	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	381887	19.154	ug/l	100

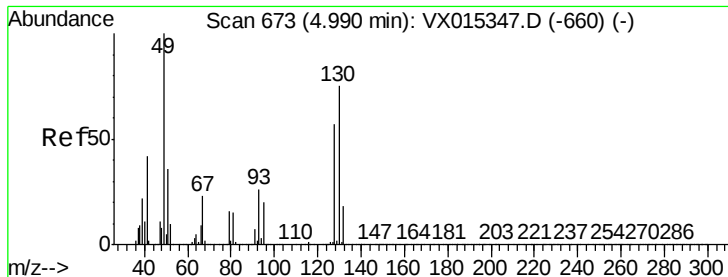
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QLast Update : Thu Mar 26 02:14:07 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

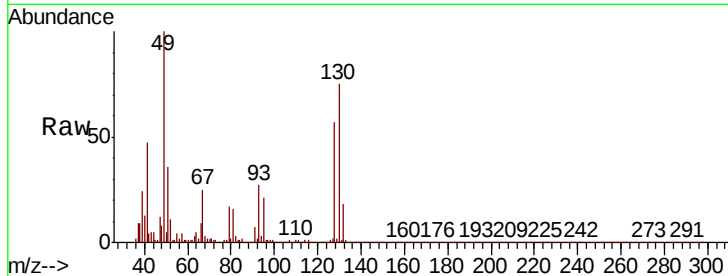


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.99 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
49	171.8	0.0	428.0
130	130.2	0.0	324.5

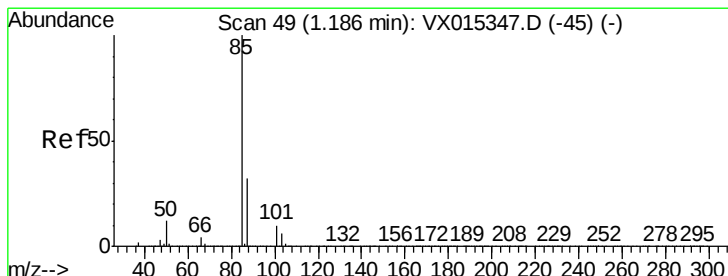
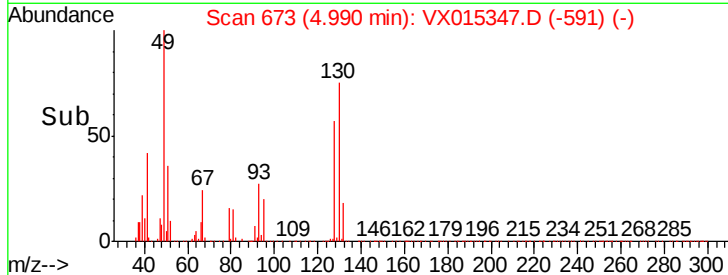
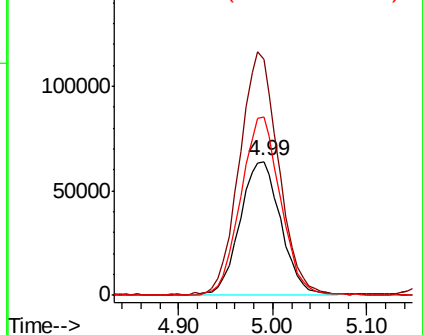


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

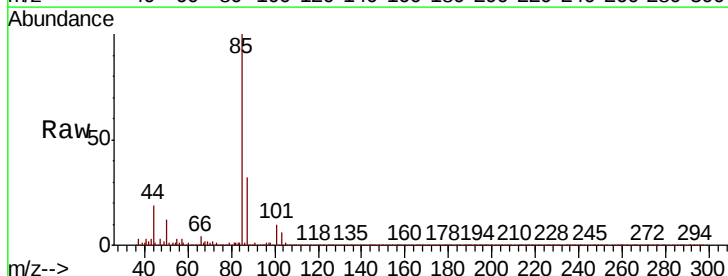
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane
 Concen: 17.798 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

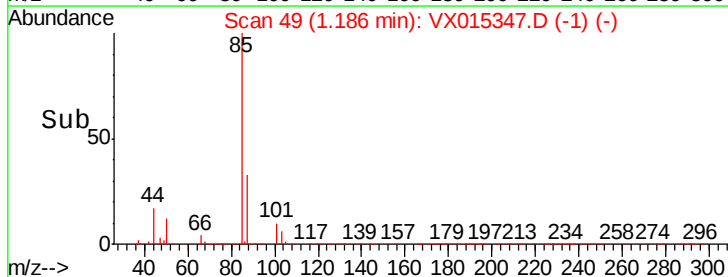
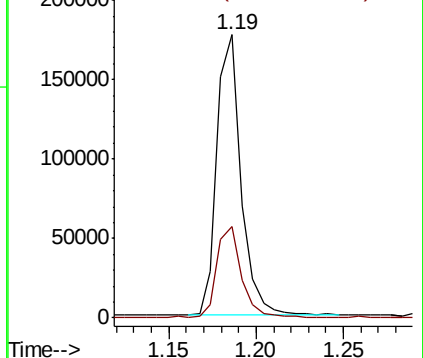
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.3	48.9

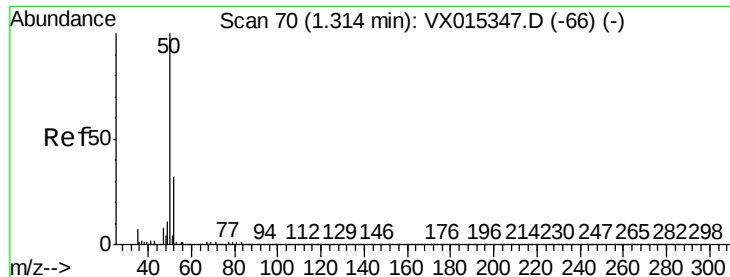


Abundance

Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

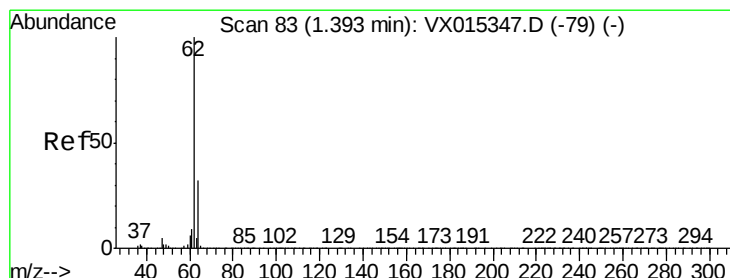
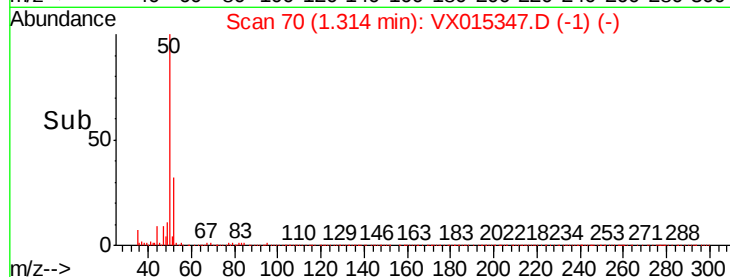
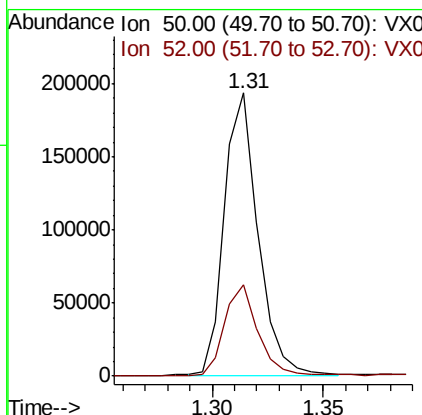
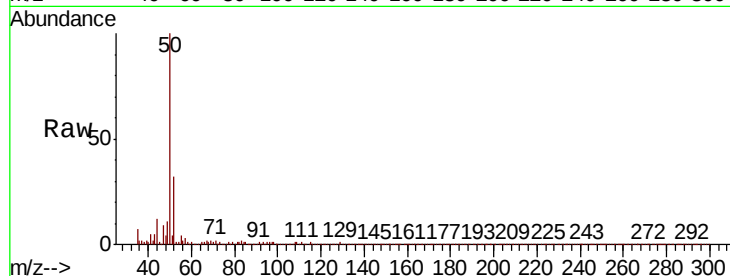




#3
Chloromethane
Concen: 15.303 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

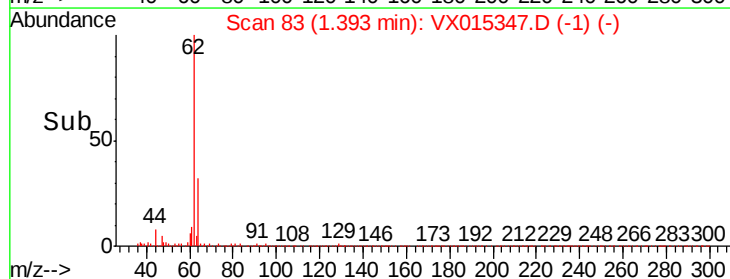
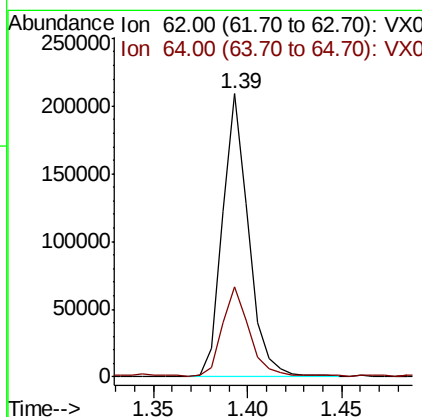
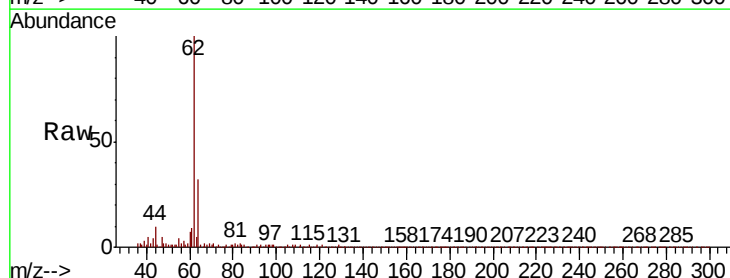
Instrument :
MSVOA_X
ClientSampleId :

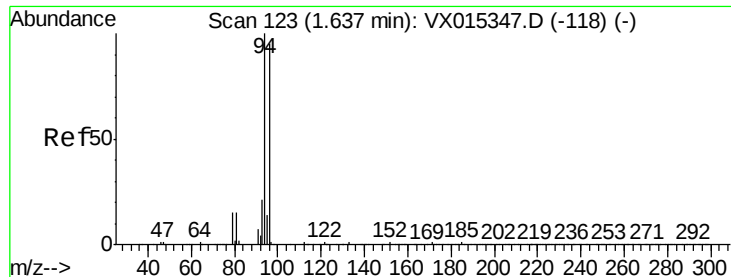
Tot Ion: 50 Resp: 201831
Ion Ratio Lower Upper
50 100
52 31.9 25.5 38.3



#4
Vinyl Chloride
Concen: 14.948 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion: 62 Resp: 200027
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 15.280 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

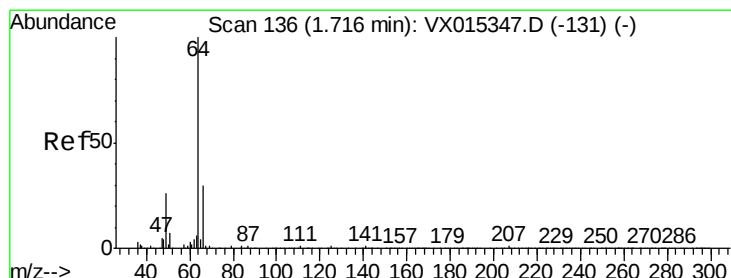
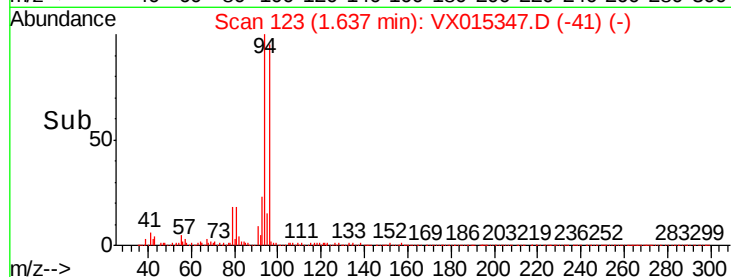
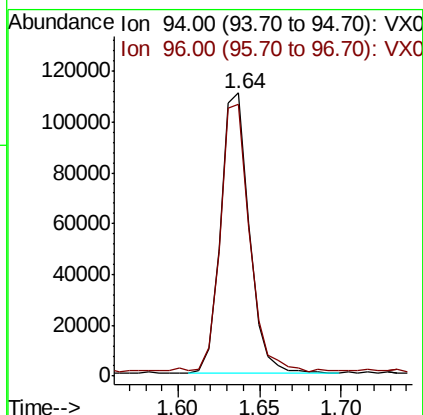
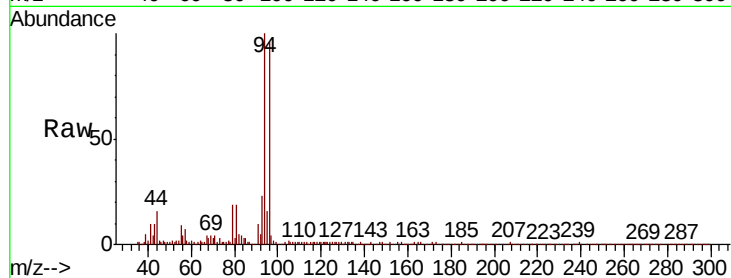
ClientSampleId :

Tot Ion: 94 Resp: 134250

Ion Ratio Lower Upper

94 100

96 95.1 76.1 114.1



#6

Chloroethane

Concen: 15.325 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015347.D

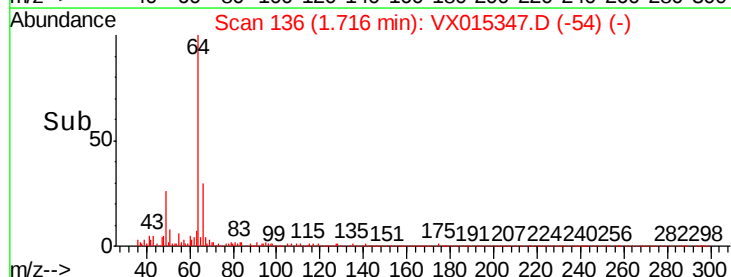
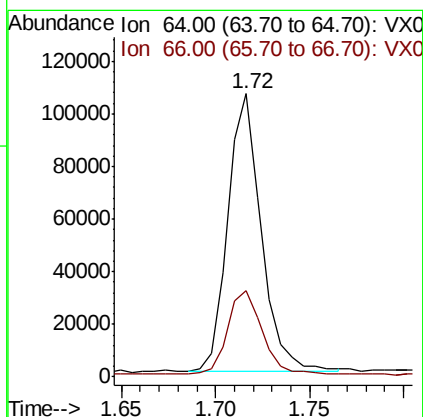
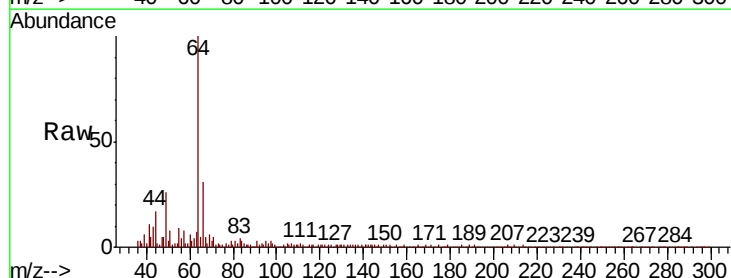
Acq: 25 Mar 2020 18:31

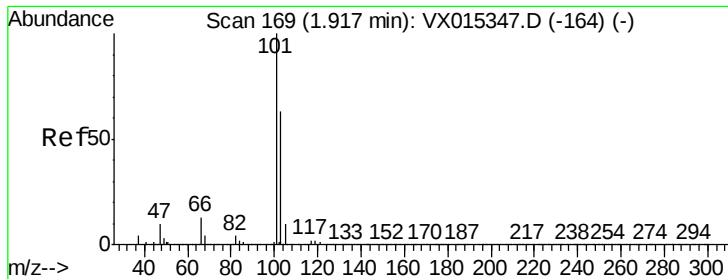
Tgt Ion: 64 Resp: 129133

Ion Ratio Lower Upper

64 100

66 30.4 24.3 36.5



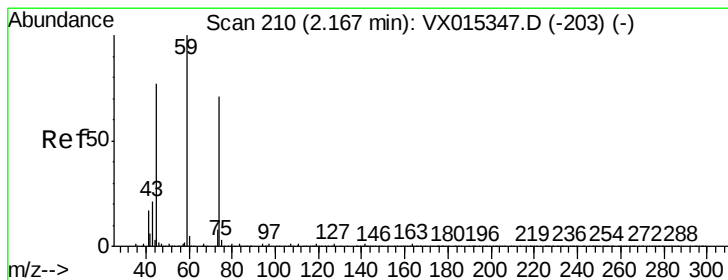
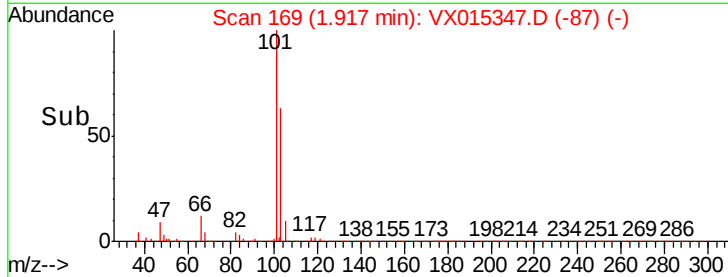
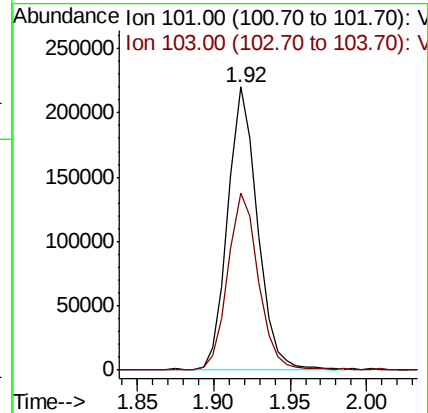
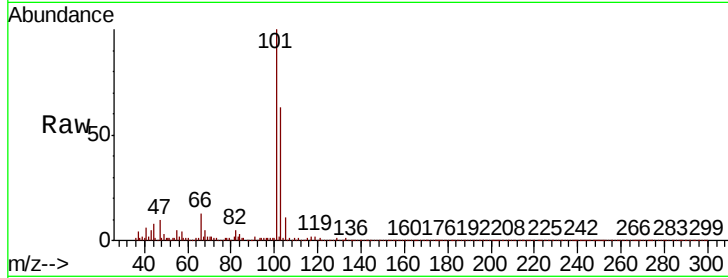


#7

Trichlorofluoromethane
Concen: 16.907 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :

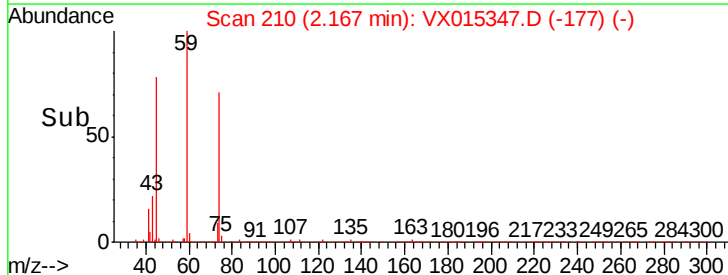
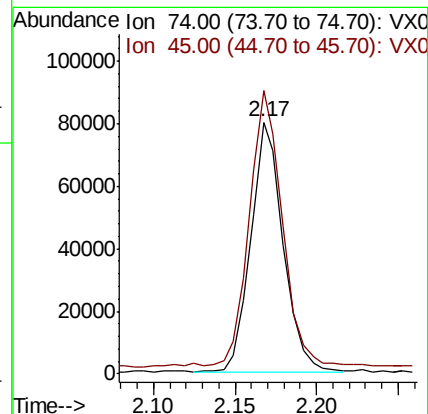
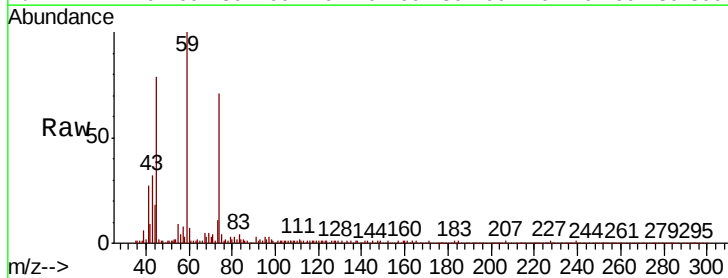
Tot Ion	Ratio	Lower	Upper
101	100		
103	62.4	49.9	74.9

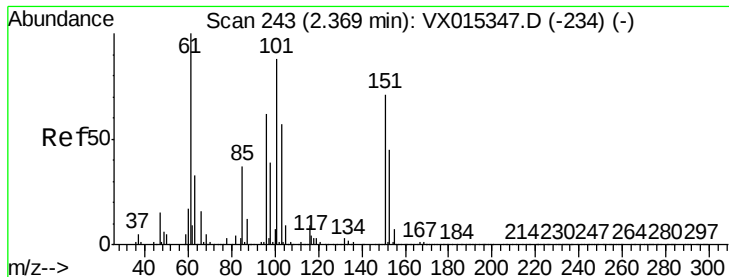


#8

Diethyl Ether
Concen: 14.749 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.1	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.957 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015347.D

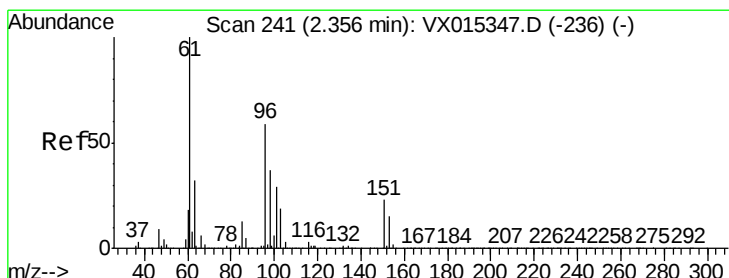
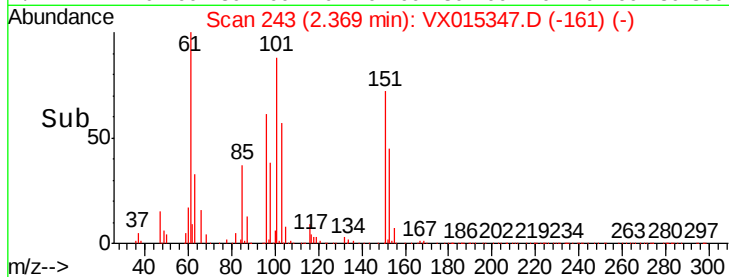
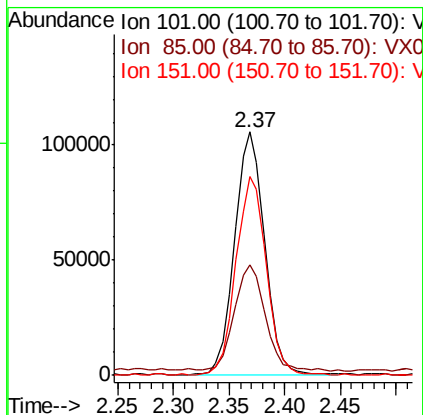
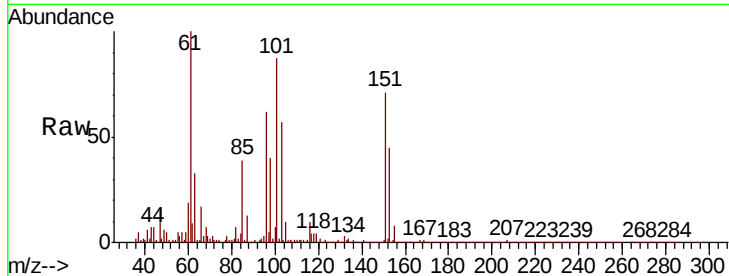
Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	101	Resp:	195474
Ion	Ratio	Lower	Upper
101	100		
85	42.9	0.0	85.8
151	82.3	0.0	164.6



#10

1,1-Dichloroethene

Concen: 18.057 ug/l

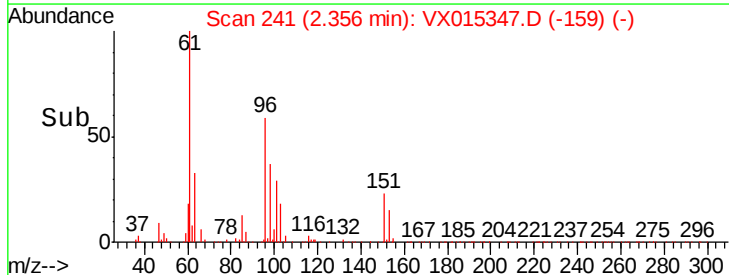
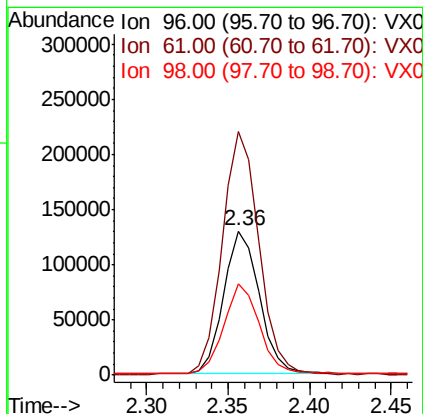
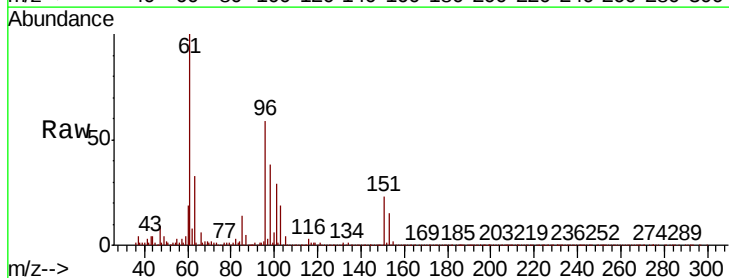
RT: 2.36 min Scan# 241

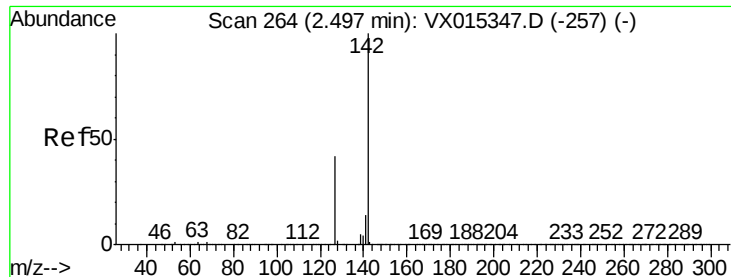
Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Tgt Ion:	96	Resp:	198257
Ion	Ratio	Lower	Upper
96	100		
61	169.4	135.5	203.3
98	62.7	50.2	75.2

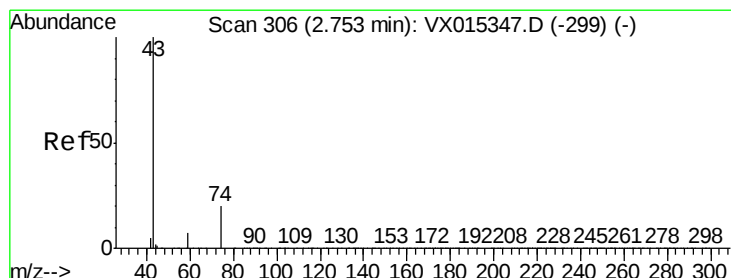
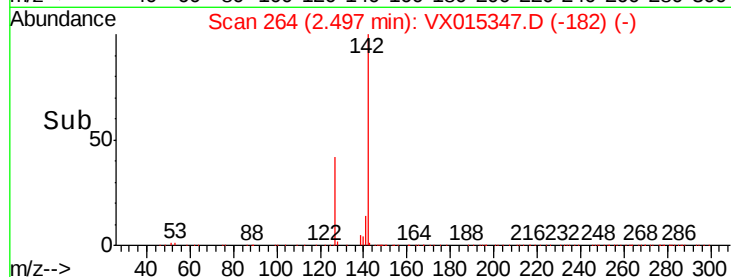
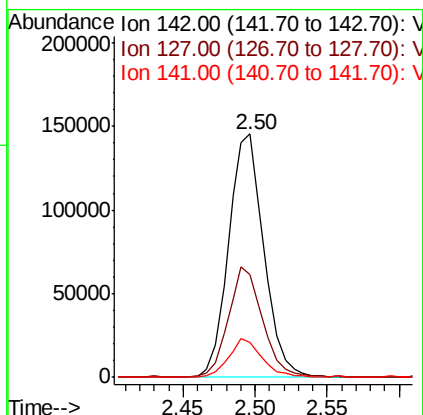
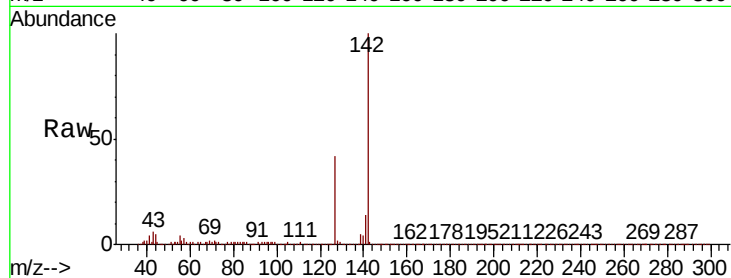




#11
Methvl Iodide
Concen: 20.266 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

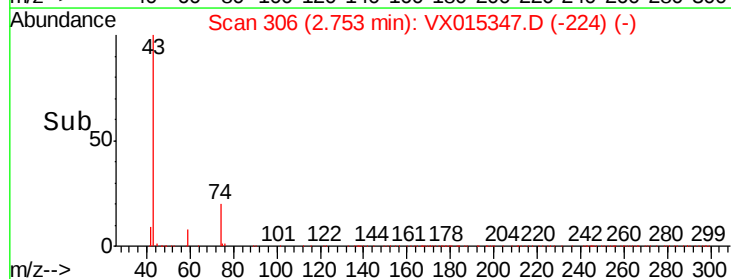
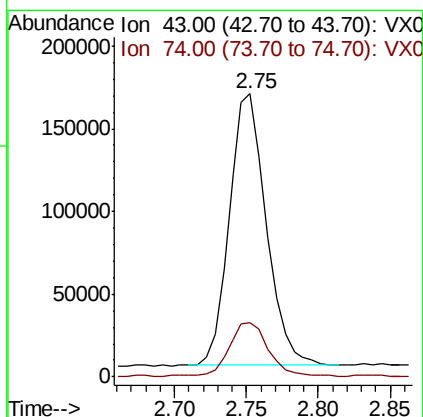
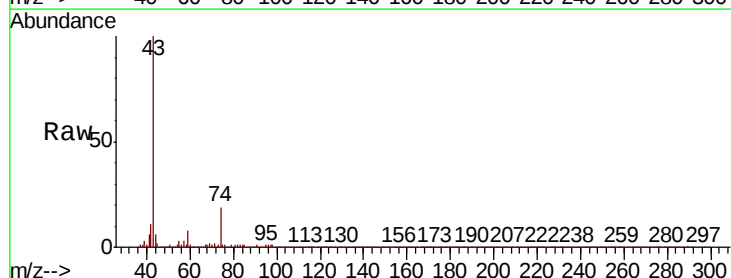
Instrument :
MSVOA_X
ClientSampleId :

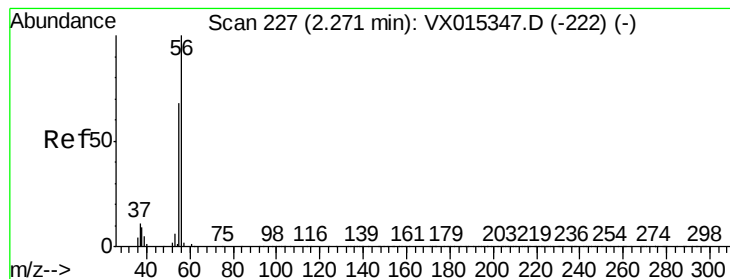
Tot Ion	Ratio	Lower	Upper
142	100		
127	42.0	21.0	63.0
141	13.8	6.9	20.7



#12
Methyl Acetate
Concen: 20.668 ug/l
RT: 2.75 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.7	15.8	23.6





#13

Acrolein

Concen: 89.112 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

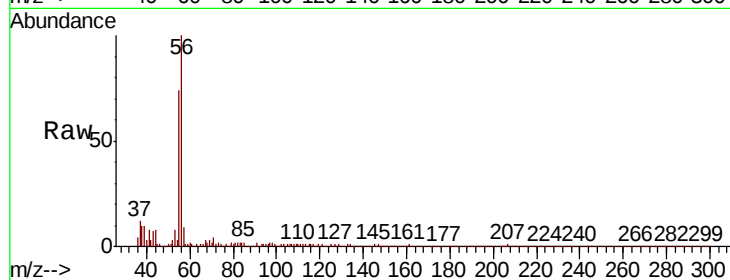
ClientSampled :

Tot Ion: 56 Resp: 191965

Ion Ratio Lower Upper

56 100

55 66.9 53.5 80.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

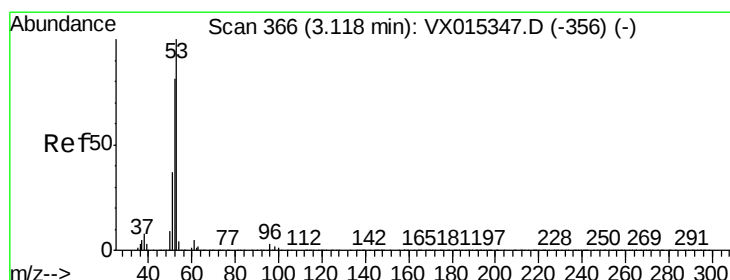
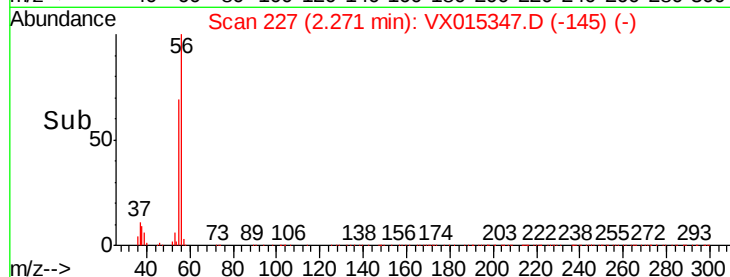
2.27

100000

50000

0

Time--> 2.20 2.25 2.30 2.35



#14

Acrylonitrile

Concen: 97.460 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

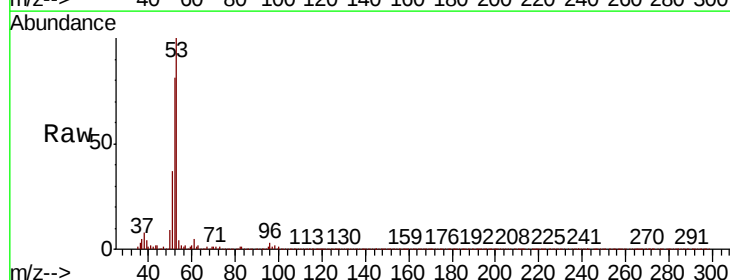
Tgt Ion: 53 Resp: 632919

Ion Ratio Lower Upper

53 100

52 82.1 41.0 123.2

51 36.9 18.4 55.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.12

400000

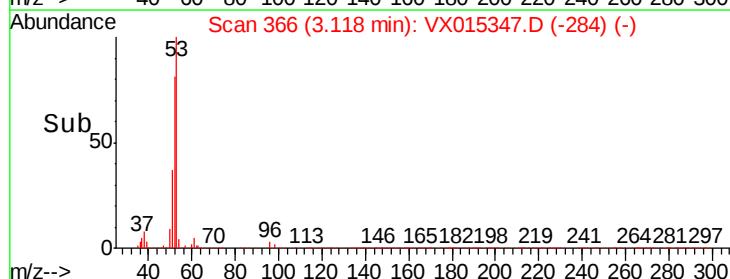
300000

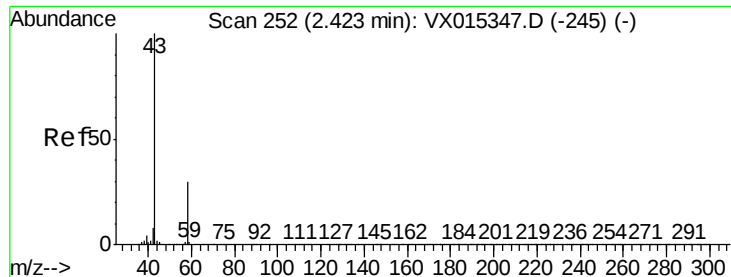
200000

100000

0

Time--> 3.00 3.10 3.20 3.30





#15

Acetone

Concen: 91.067 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

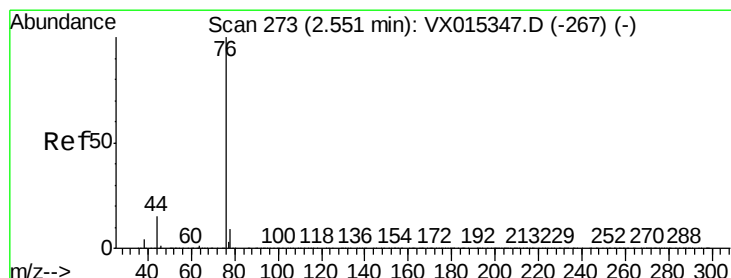
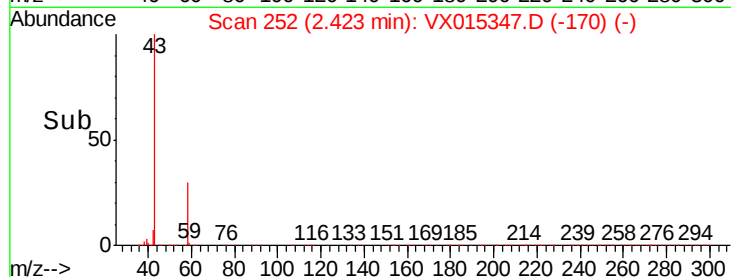
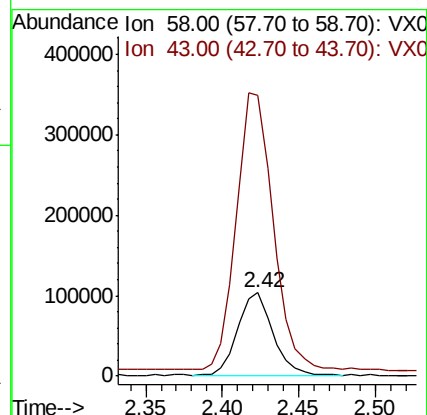
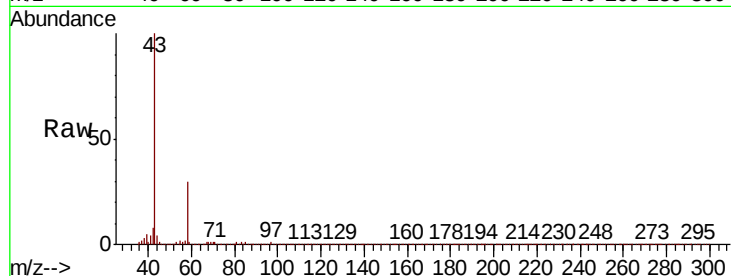
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 163153

Ion Ratio Lower Upper

58 100

43 334.8 267.8 401.8



#16

Carbon Disulfide

Concen: 18.394 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015347.D

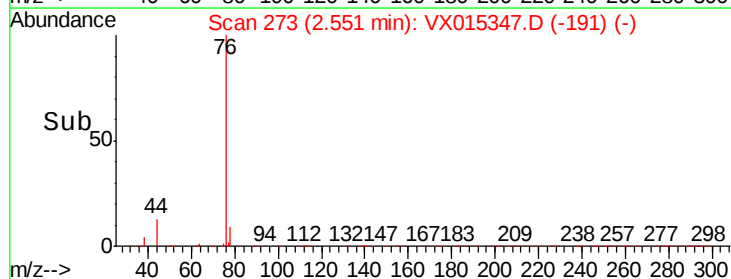
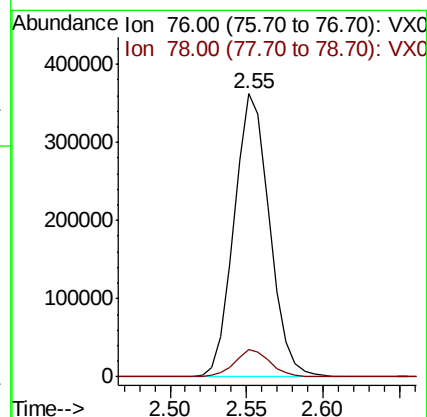
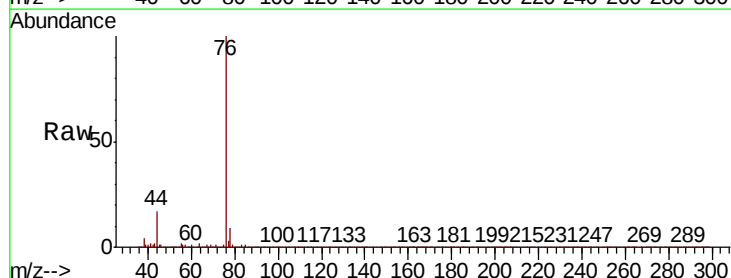
Acq: 25 Mar 2020 18:31

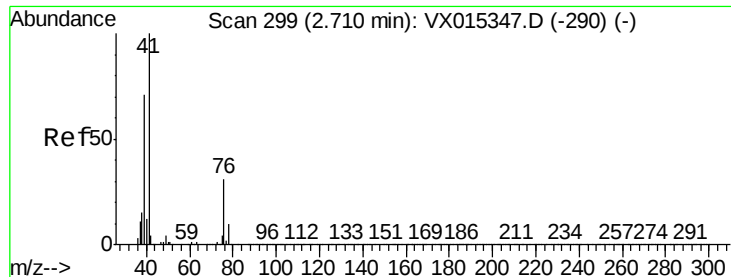
Tgt Ion: 76 Resp: 579796

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

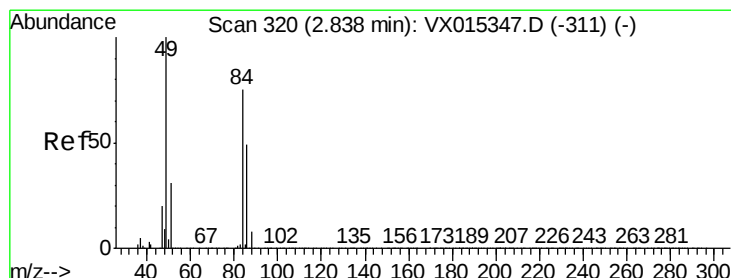
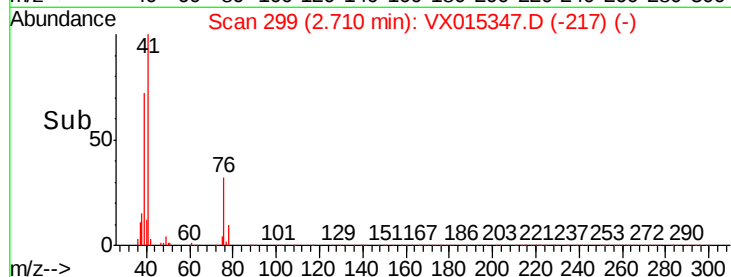
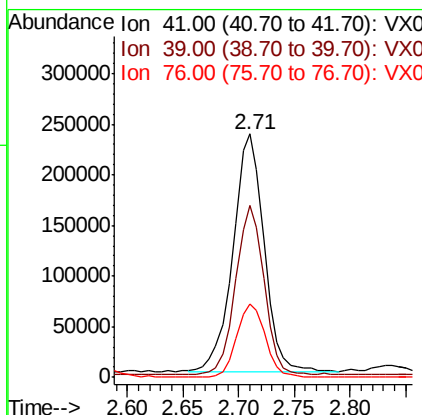
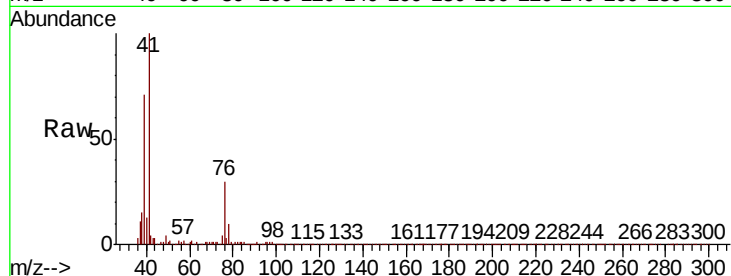




#17
Allvl chloride
Concen: 20.965 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

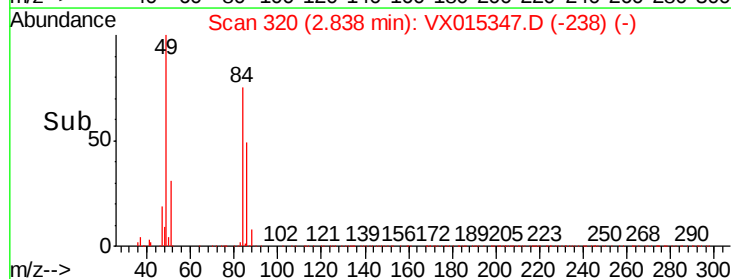
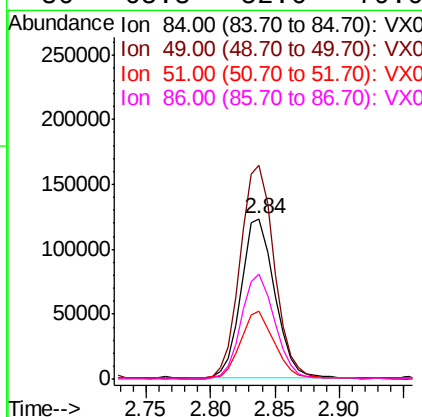
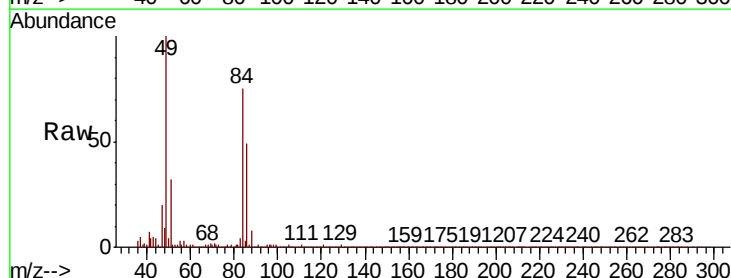
Instrument :
MSVOA_X
ClientSampleId :

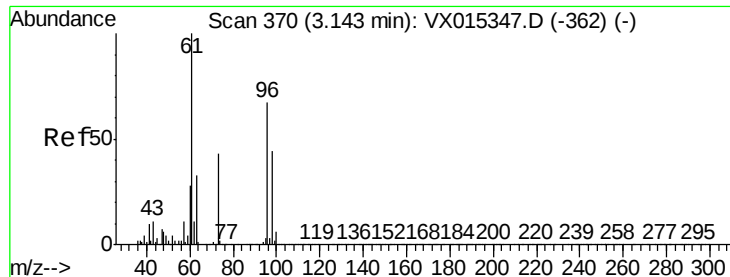
Tot Ion	Ratio	Lower	Upper
41	100		
39	71.2	35.6	106.8
76	30.9	15.4	46.4



#18
Methylene Chloride
Concen: 17.771 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.7	107.0	160.4
51	41.7	33.4	50.0
86	65.8	52.6	79.0





#19

trans-1,2-Dichloroethene

Concen: 17.895 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :

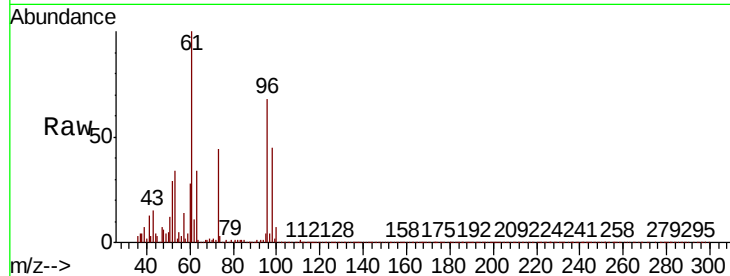
Tot Ion: 96 Resp: 215676

Ion Ratio Lower Upper

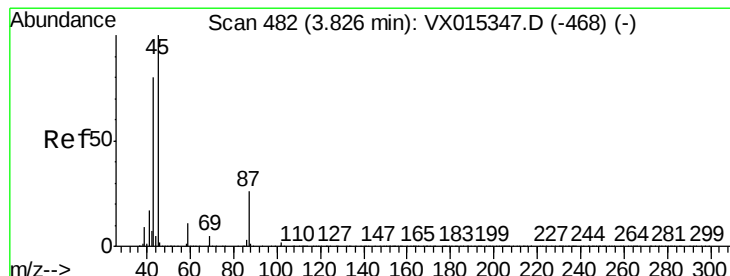
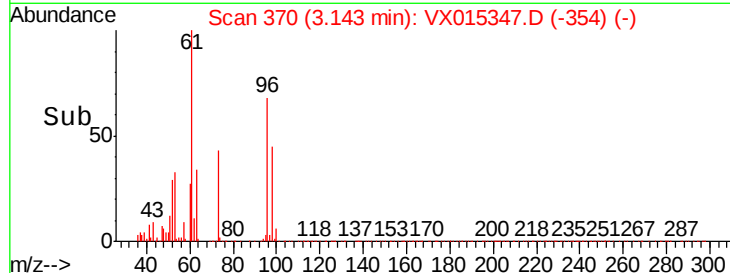
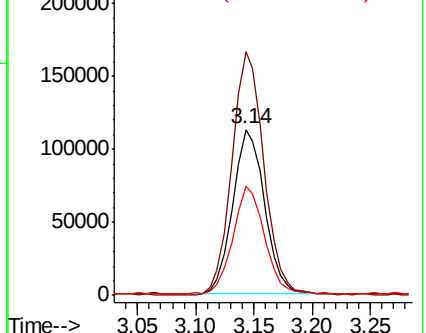
96 100

61 147.7 118.2 177.2

98 64.9 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: 19.651 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Tgt Ion: 45 Resp: 820393

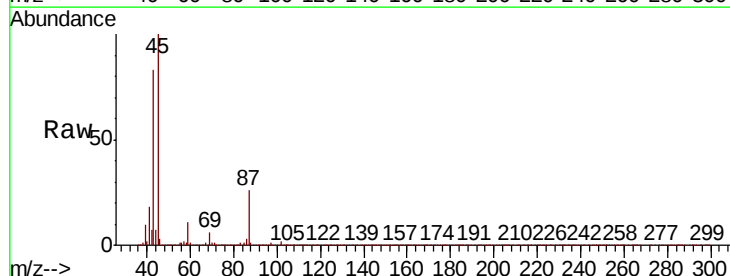
Ion Ratio Lower Upper

45 100

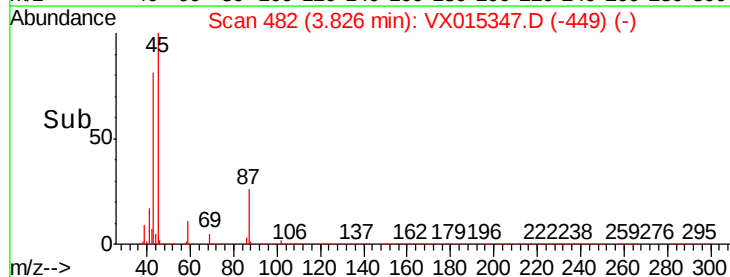
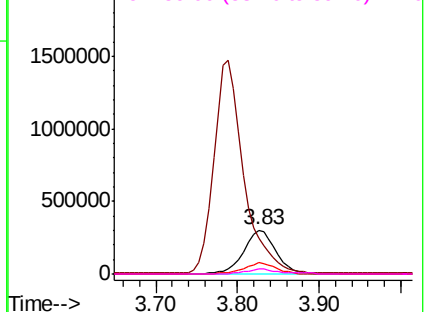
43 80.5 64.4 96.6

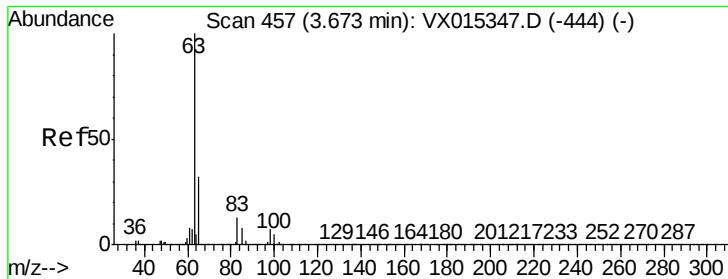
87 25.5 20.4 30.6

59 10.9 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

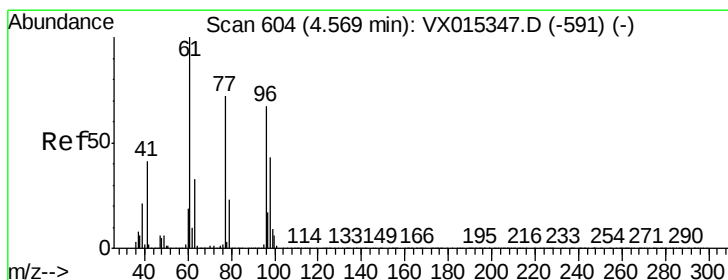
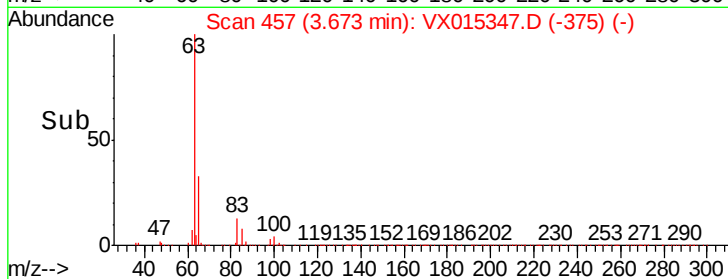
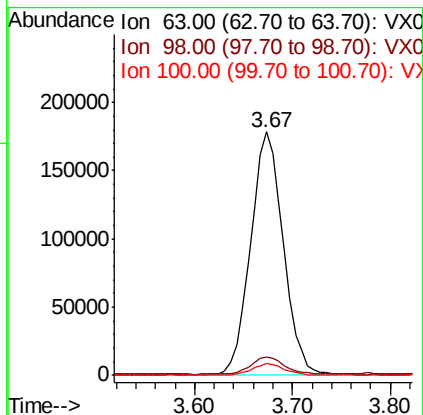
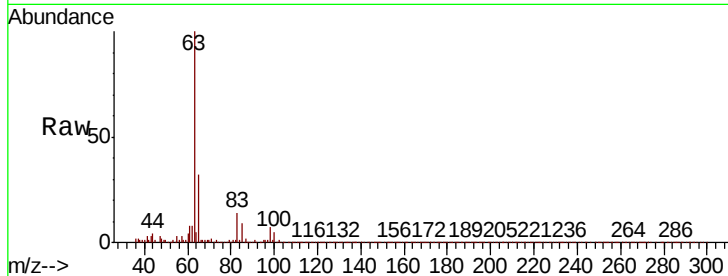




#21
1,1-Dichloroethane
Concen: 18.853 ug/l
RT: 3.67 min Scan# 457
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

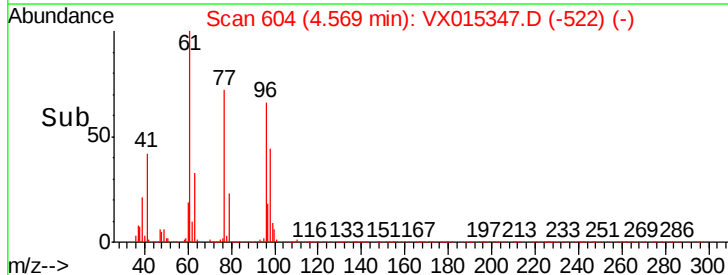
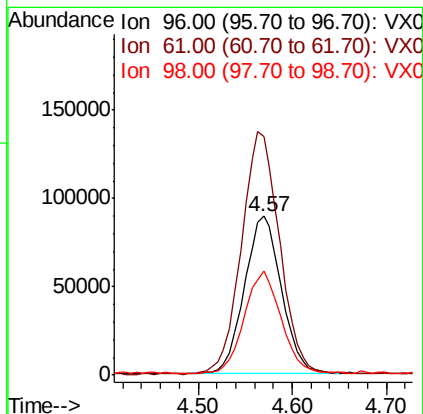
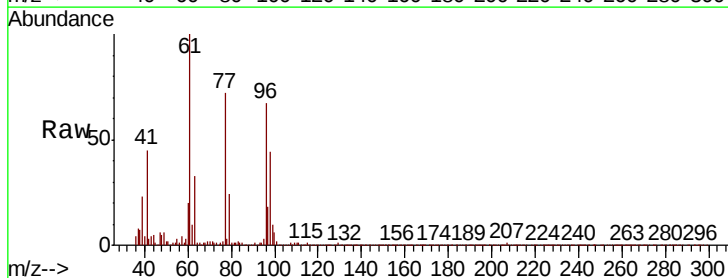
Instrument :
MSVOA_X
ClientSampleId :

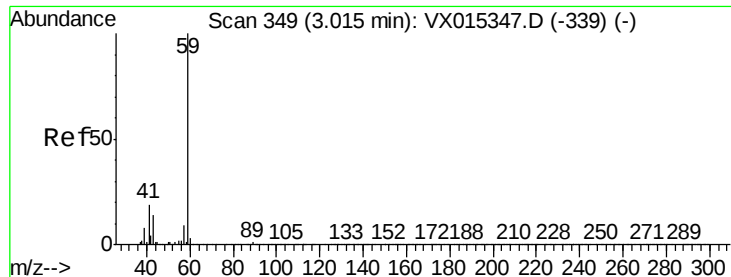
Tot Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.3	9.9
100	4.5	2.3	6.8



#22
cis-1,2-Dichloroethene
Concen: 18.110 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.0	127.2	190.8
98	64.7	51.8	77.6



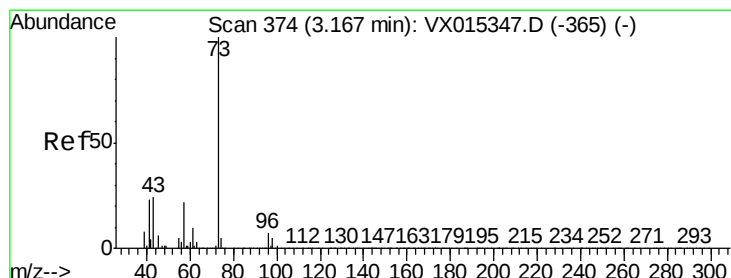
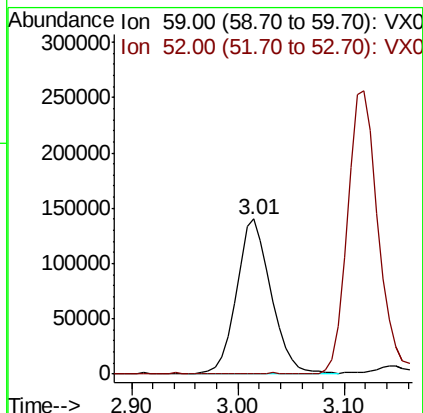
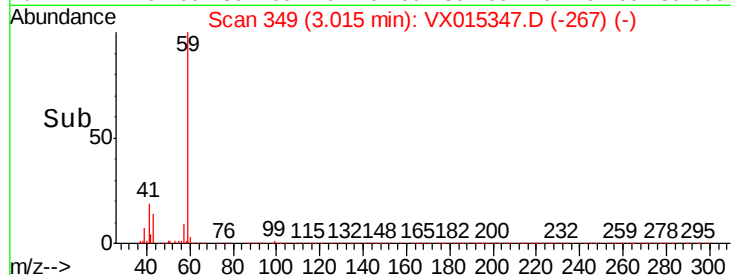
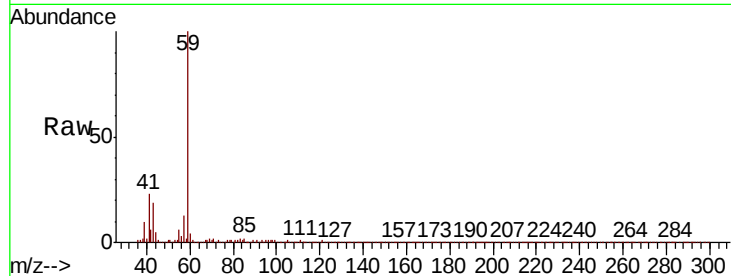


#23

tert-Butyl Alcohol
Concen: 117.444 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Instrument :
MSVOA_X
ClientSampled :

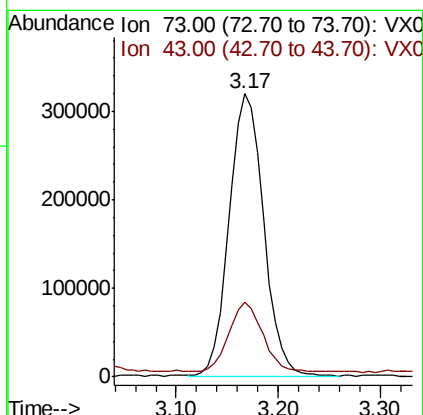
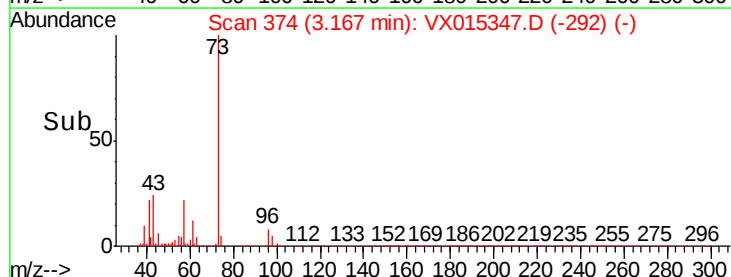
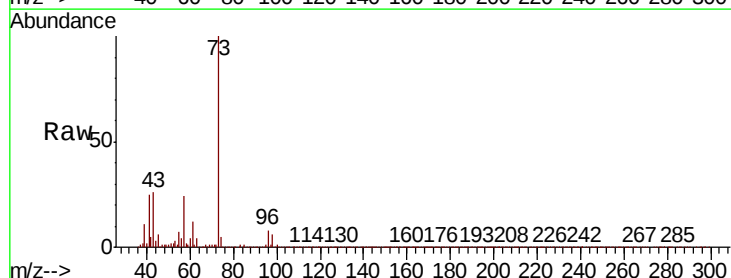
Tot Ion: 59 Resp: 315622
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

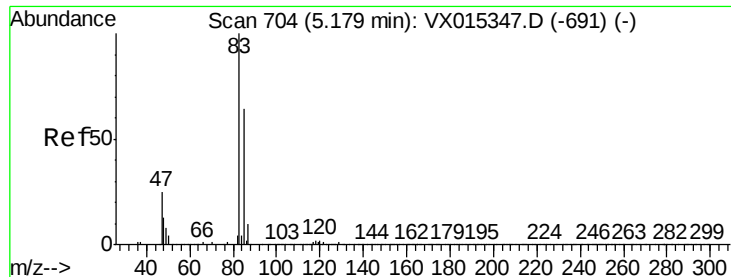


#24

Methyl tert-Butyl Ether
Concen: 20.157 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion: 73 Resp: 744967
Ion Ratio Lower Upper
73 100
43 24.0 19.2 28.8

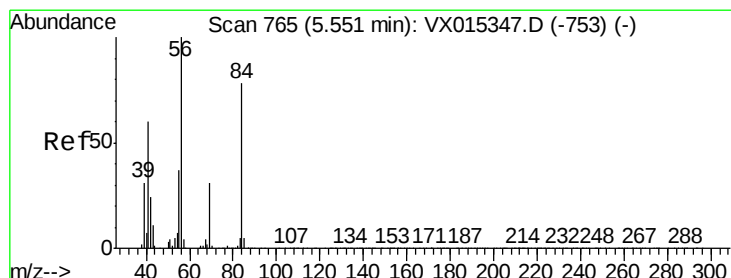
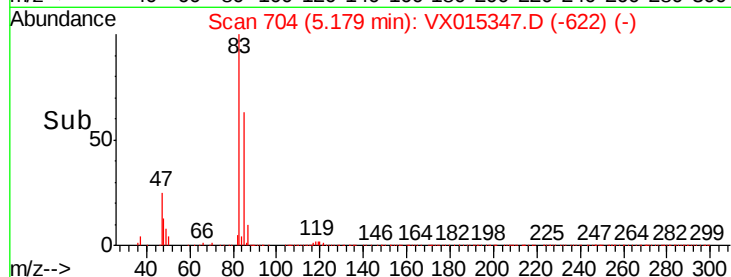
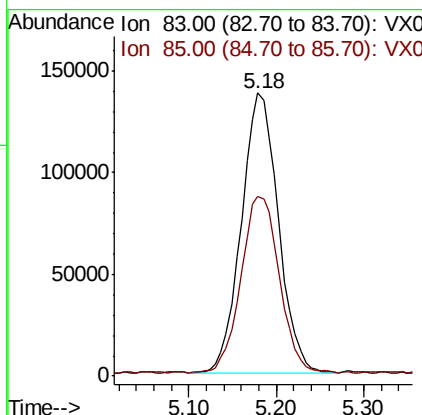
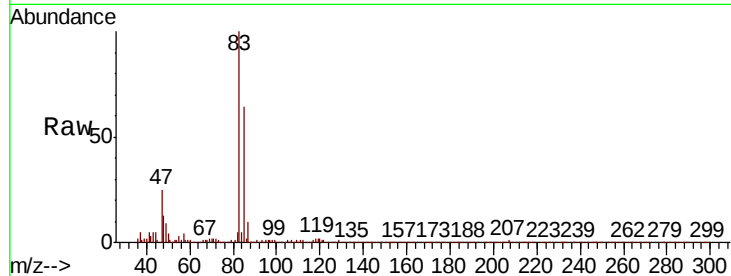




#25
Chloroform
Concen: 19.472 ug/l
RT: 5.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

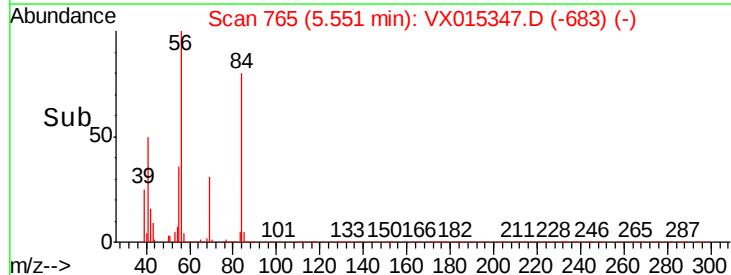
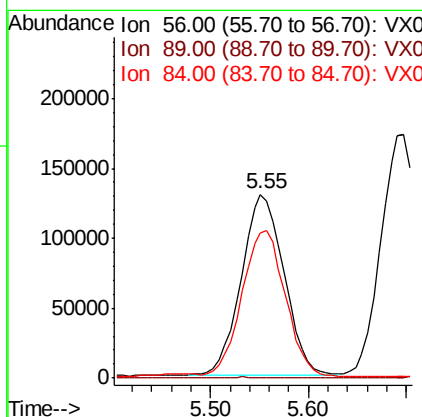
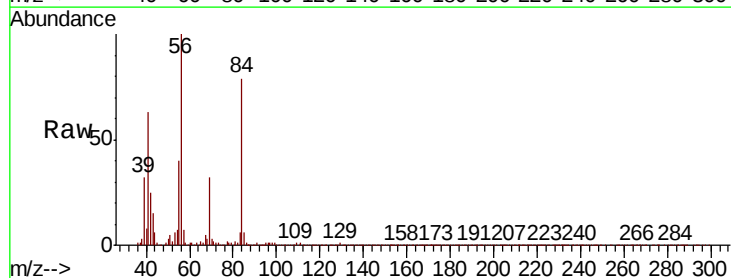
Instrument :
MSVOA_X
ClientSampleId :

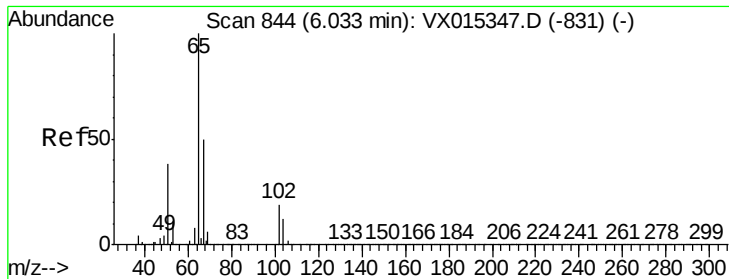
Tot Ion: 83 Resp: 404602
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7



#26
Cyclohexane
Concen: 19.231 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion: 56 Resp: 391614
Ion Ratio Lower Upper
56 100
89 0.1 0.1 0.1#
84 82.6 66.1 99.1



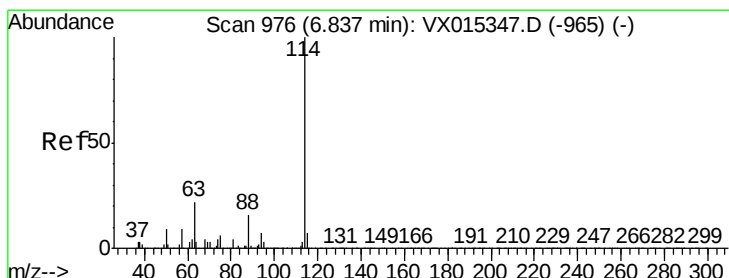
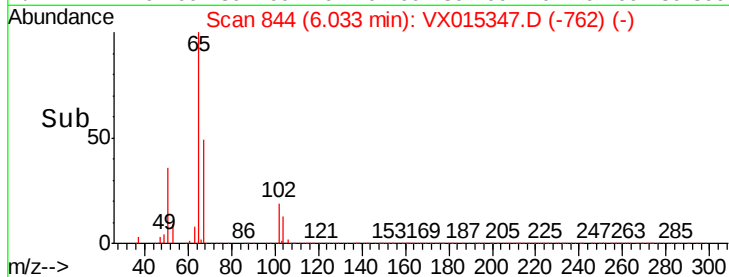
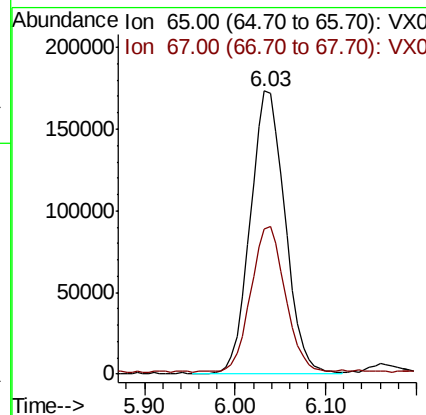
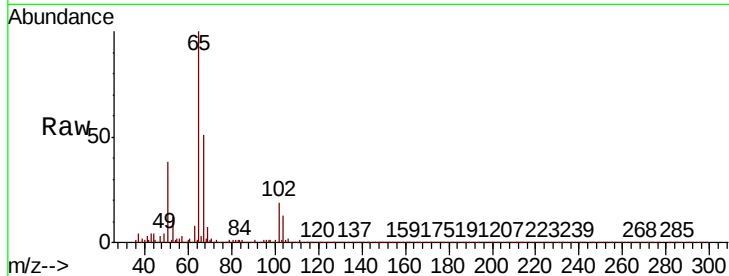


#27

1,2-Dichloroethane-d4
Concen: 34.197 ug/l
RT: 6.03 min Scan# 844
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :

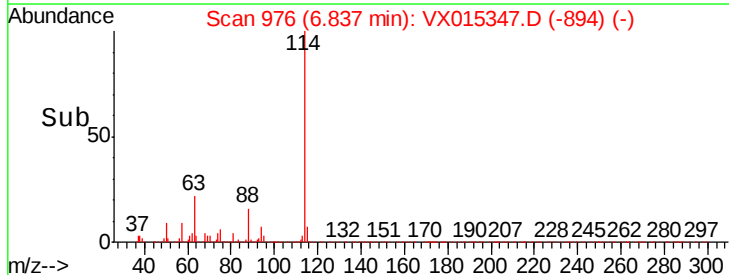
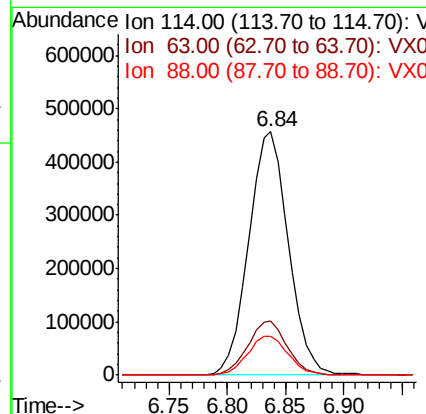
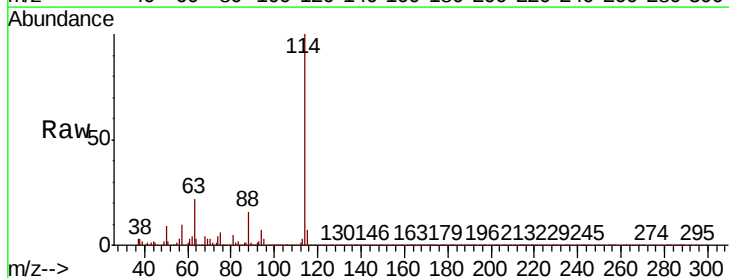
Tot Ion: 65 Resp: 455663
Ion Ratio Lower Upper
65 100
67 51.1 40.9 61.3

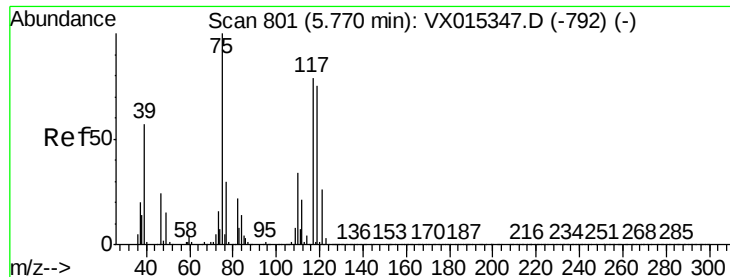


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 976
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion: 114 Resp: 1082704
Ion Ratio Lower Upper
114 100
63 21.8 17.4 26.2
88 16.1 12.9 19.3

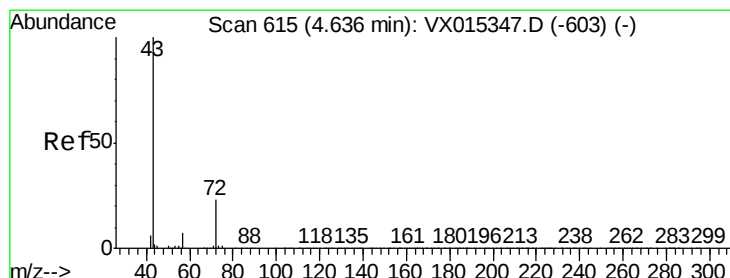
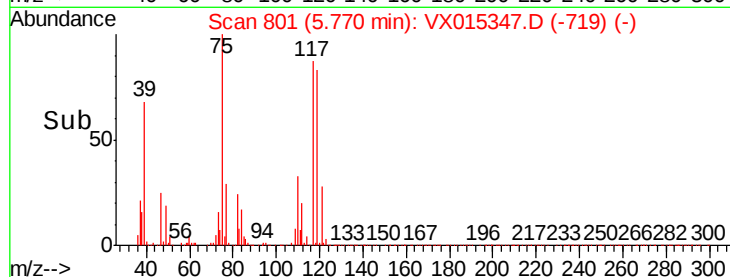
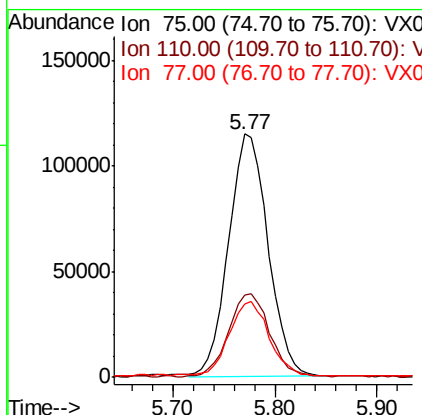
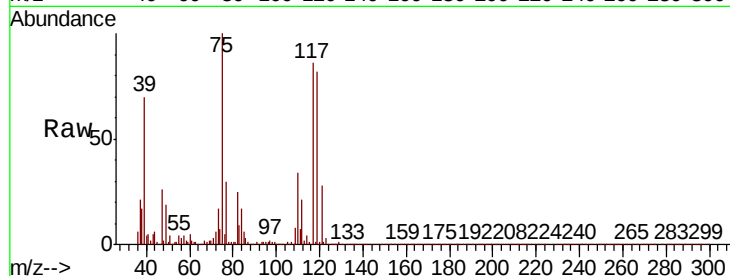




#29
 1,1-Dichloropropene
 Concen: 18.688 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

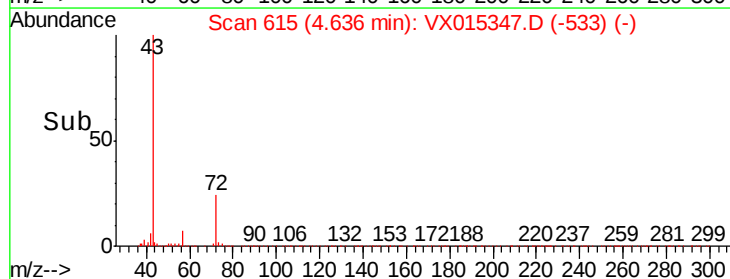
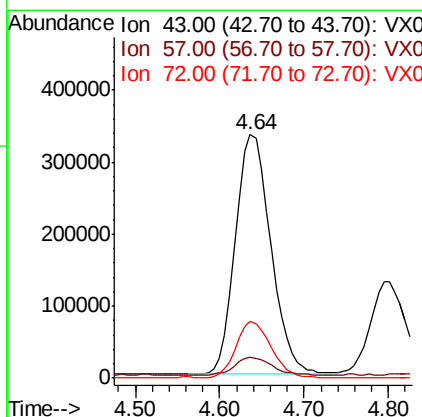
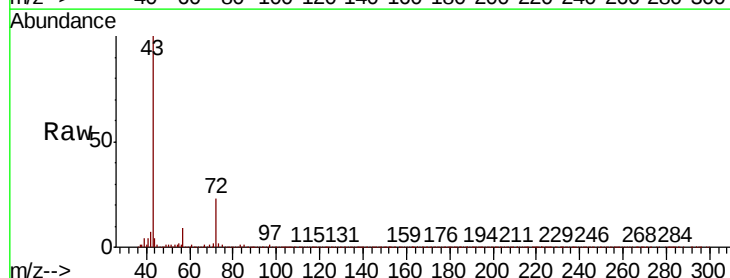
Instrument :
 MSVOA_X
 ClientSampleId :

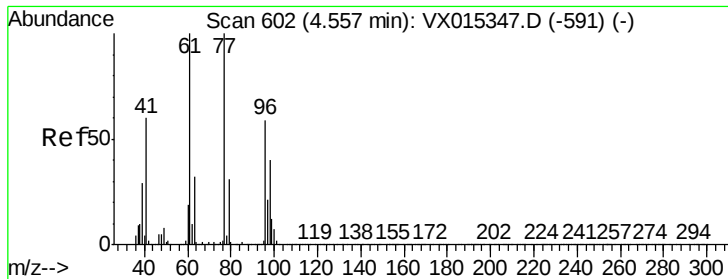
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.6	0.0	71.2
77	30.7	0.0	62.2



#30
 2-Butanone
 Concen: 104.717 ug/l
 RT: 4.64 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.4	5.9	8.9
72	23.2	18.6	27.8





#31

2,2-Dichloropropane

Concen: 21.440 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

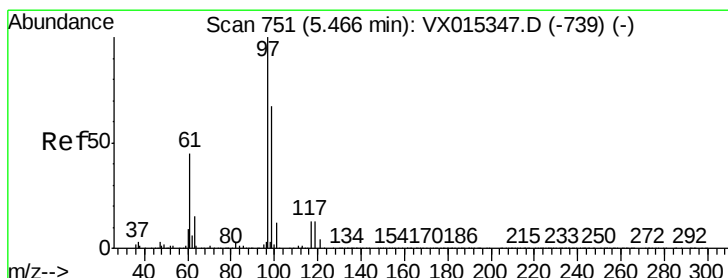
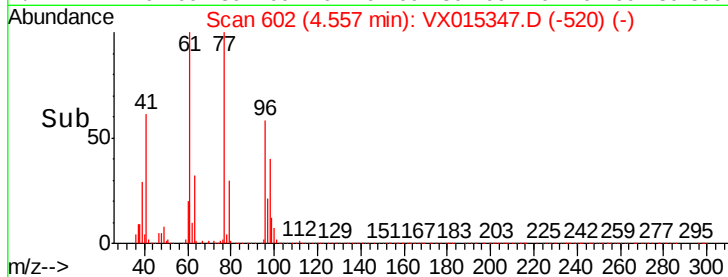
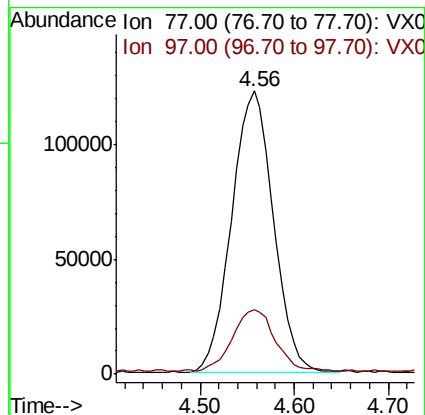
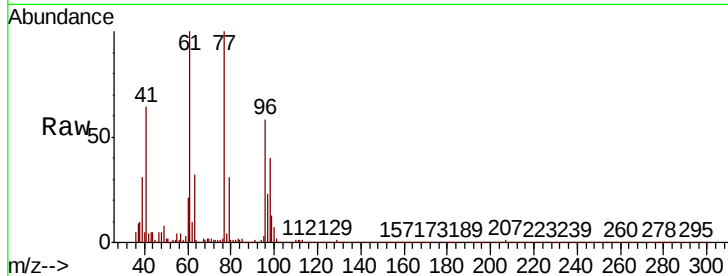
ClientSampleId :

Tot Ion: 77 Resp: 379832

Ion Ratio Lower Upper

77 100

97 22.3 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 20.759 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

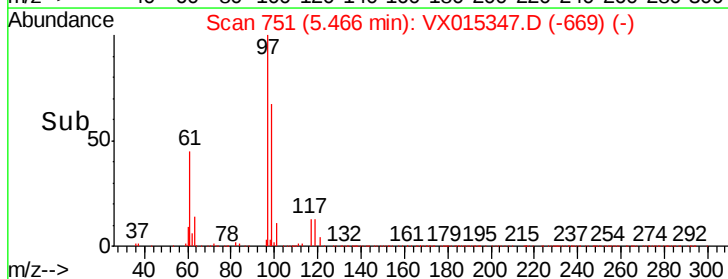
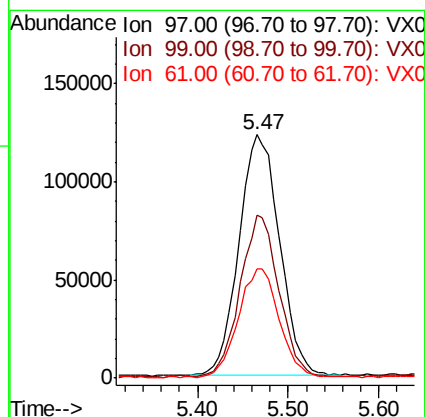
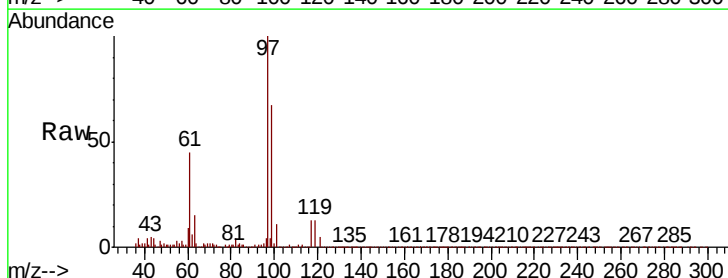
Tgt Ion: 97 Resp: 381700

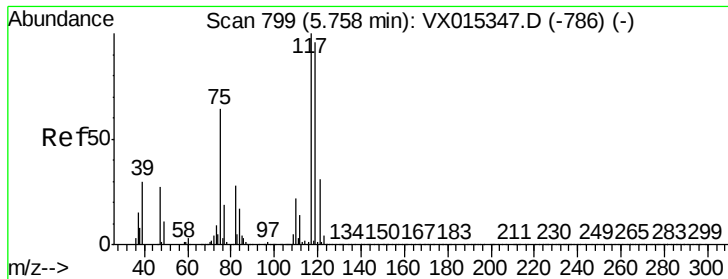
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 44.9 35.8 53.8

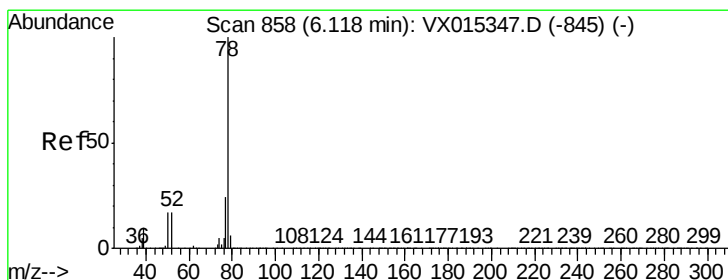
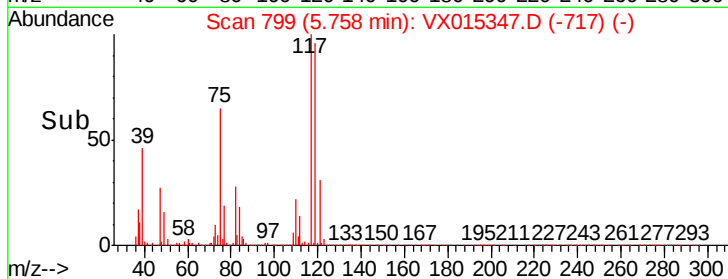
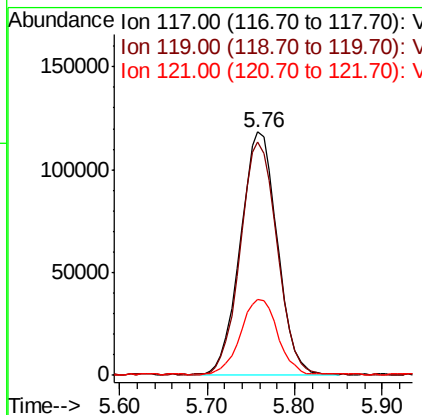
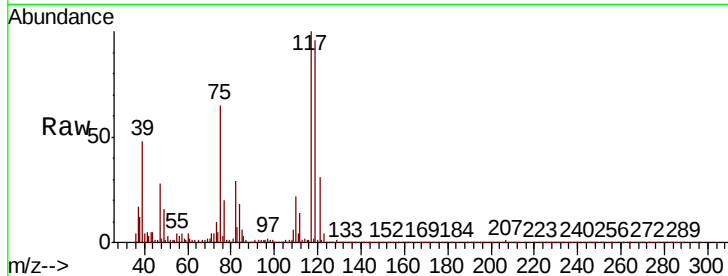




#33
Carbon Tetrachloride
Concen: 21.709 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

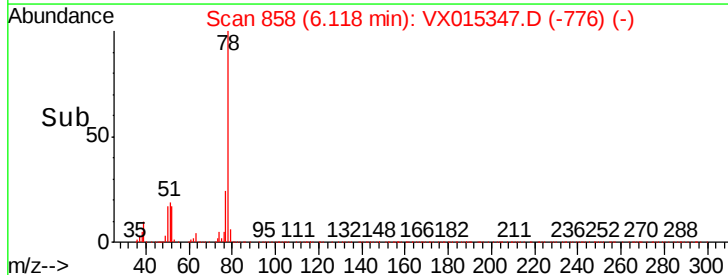
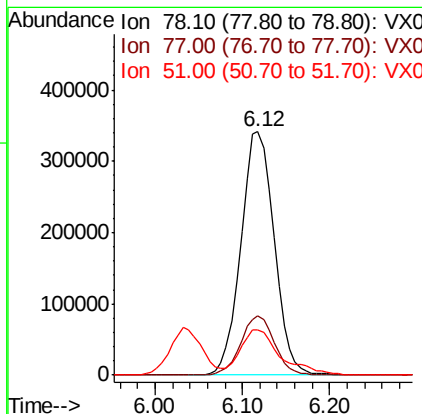
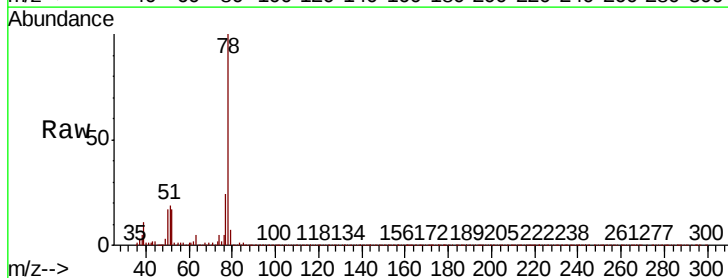
Instrument :
MSVOA_X
ClientSampleId :

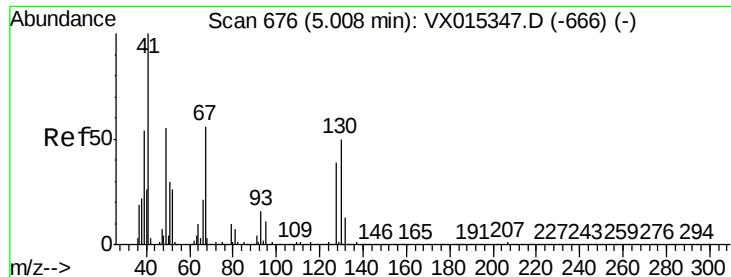
Tot Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.6	114.8
121	31.2	25.0	37.4



#34
Benzene
Concen: 18.268 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.2
51	18.2	14.6	21.8

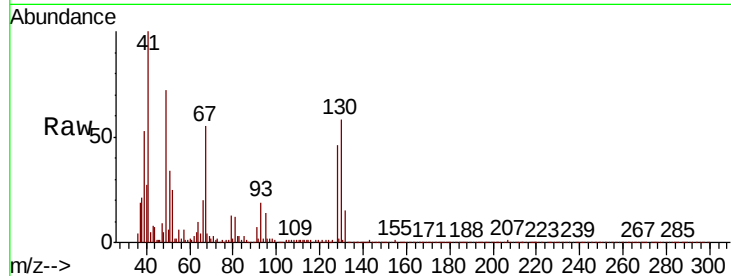




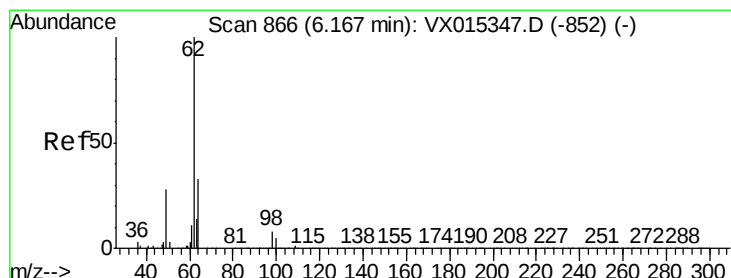
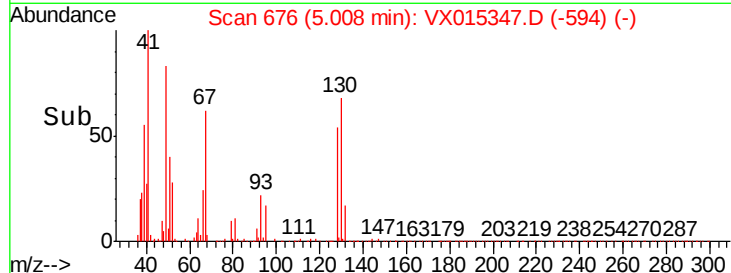
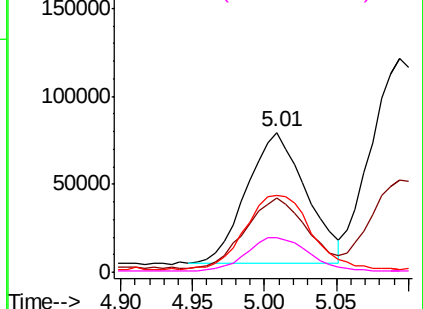
#35
Methacrylonitrile
Concen: 21.263 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	212095
Ion	Ratio	Lower	Upper
41	100		
39	54.0	27.0	81.0
67	56.4	28.2	84.6
52	25.5	12.8	38.3

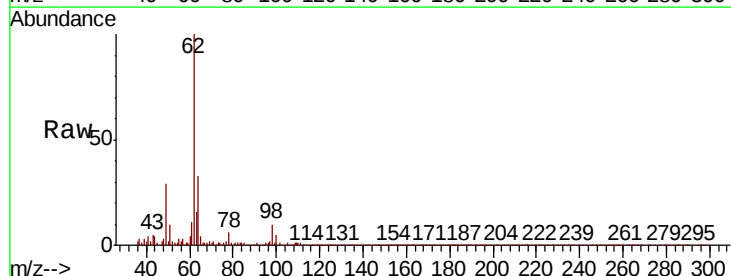


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

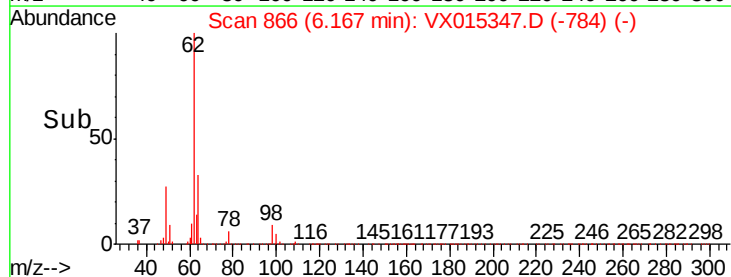
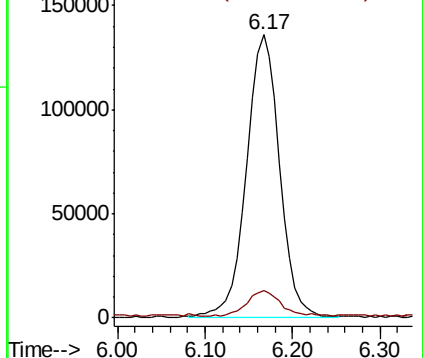


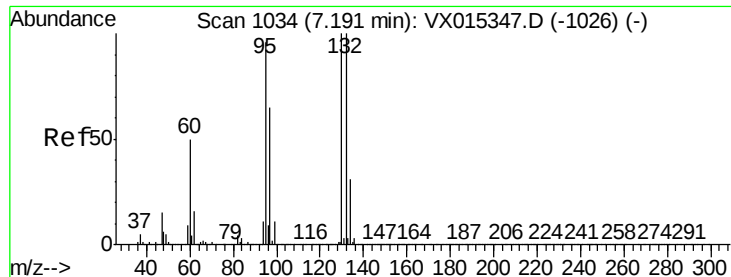
#36
1,2-Dichloroethane
Concen: 20.928 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion:	62	Resp:	356089
Ion	Ratio	Lower	Upper
62	100		
98	8.6	6.9	10.3



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

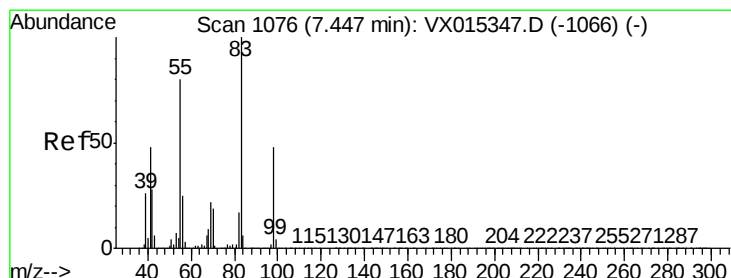
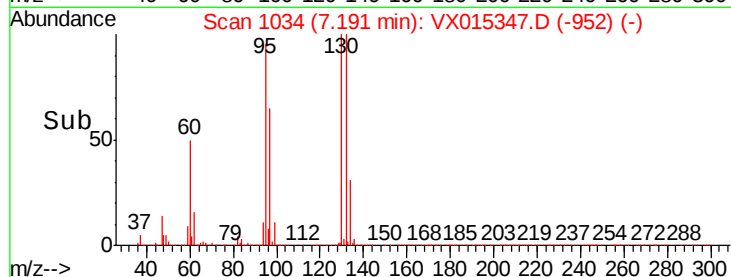
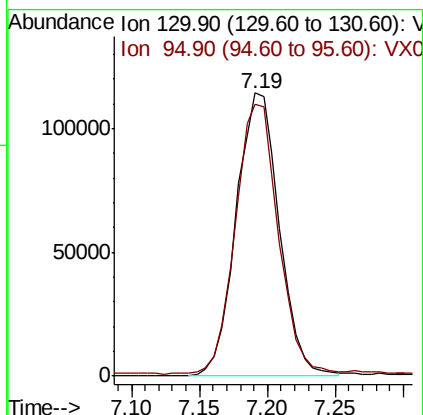
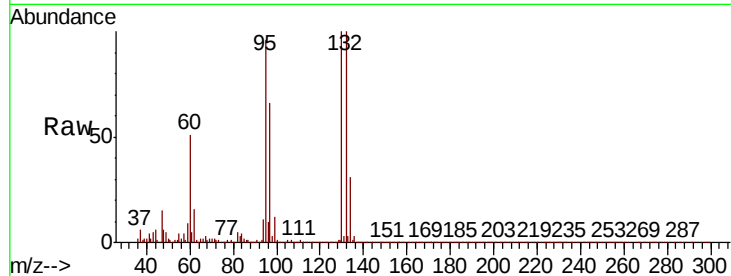




#37
 Trichloroethene
 Concen: 18.253 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

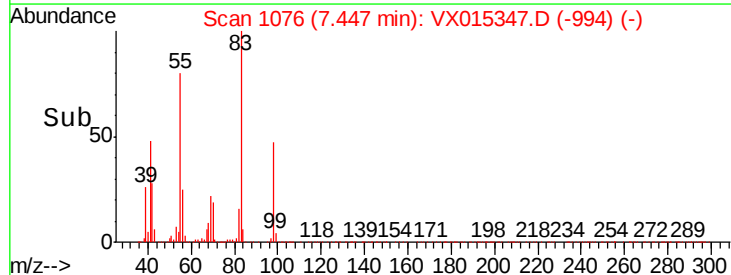
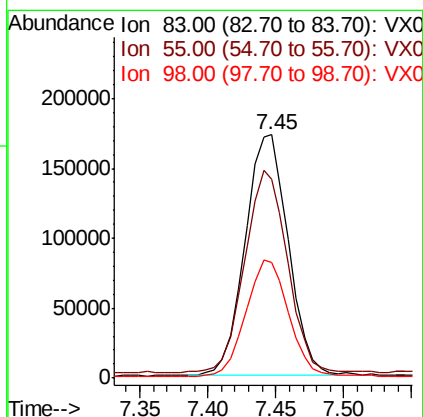
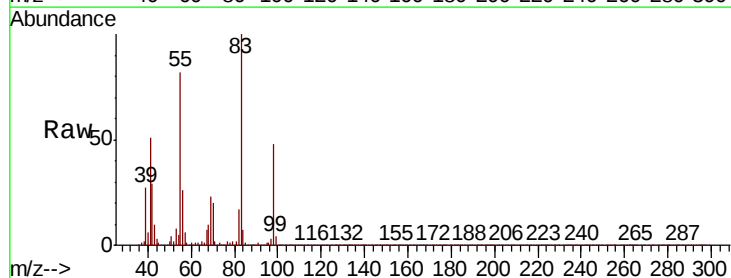
Instrument :
 MSVOA_X
 ClientSampled :

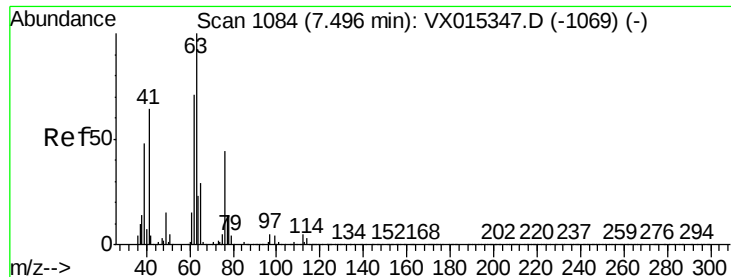
Tot Ion:130 Resp: 252570
 Ion Ratio Lower Upper
 130 100
 95 95.5 76.4 114.6



#38
 Methylcyclohexane
 Concen: 18.822 ug/l
 RT: 7.45 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

Tgt Ion: 83 Resp: 383326
 Ion Ratio Lower Upper
 83 100
 55 82.9 41.3 124.1
 98 48.0 24.0 72.0

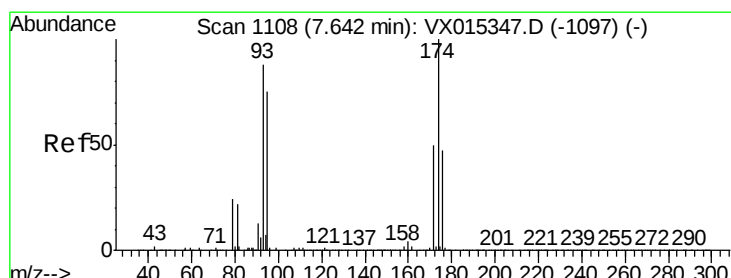
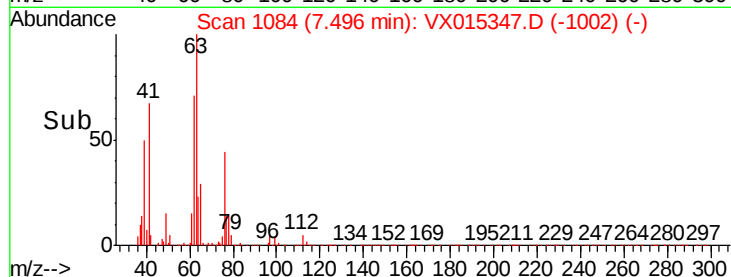
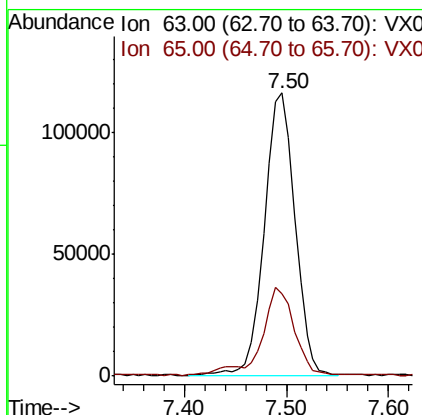
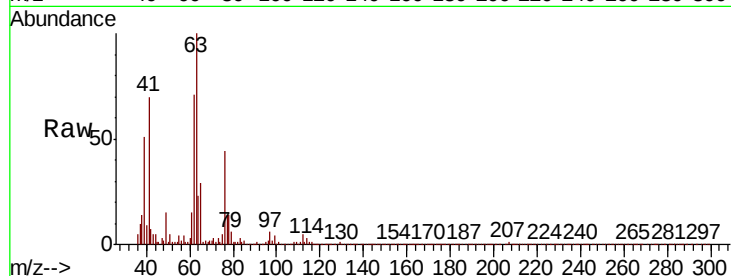




#39
 1,2-Dichloropropane
 Concen: 18.600 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

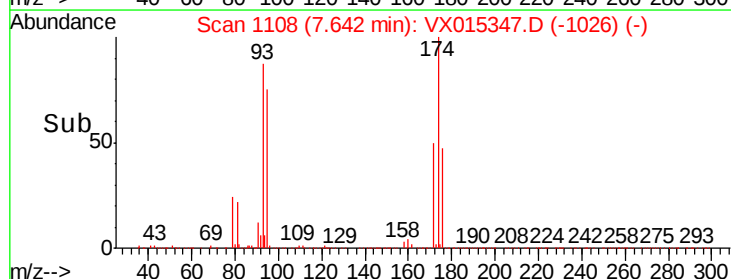
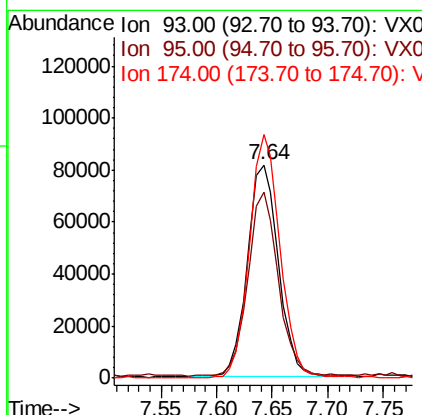
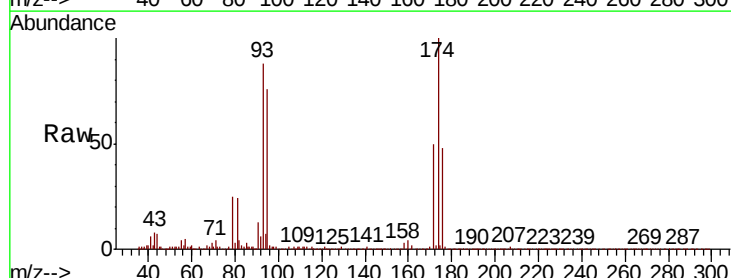
Instrument :
 MSVOA_X
 ClientSampleId :

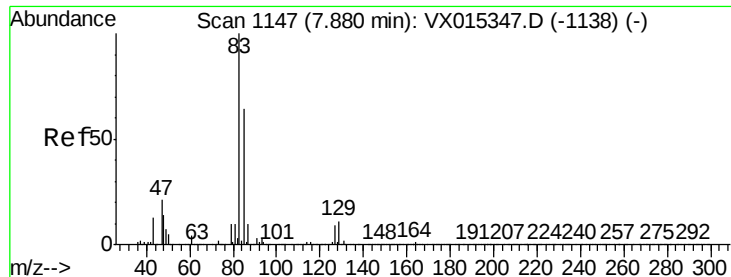
Tot Ion: 63 Resp: 241570
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.0 34.4



#40
 Dibromomethane
 Concen: 19.197 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

Tgt Ion: 93 Resp: 159402
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 166.4
 174 112.7 0.0 225.4





#41

Bromodichloromethane

Concen: 20.556 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

ClientSampled :

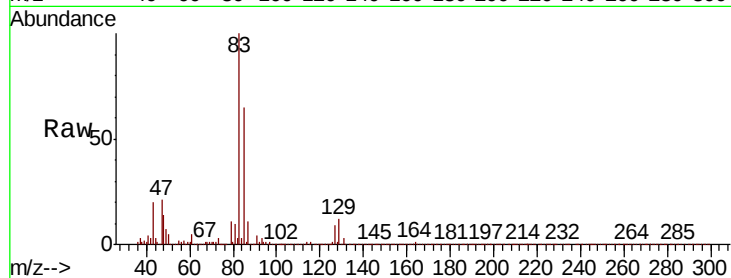
Tot Ion: 83 Resp: 346373

Ion Ratio Lower Upper

83 100

85 64.5 51.6 77.4

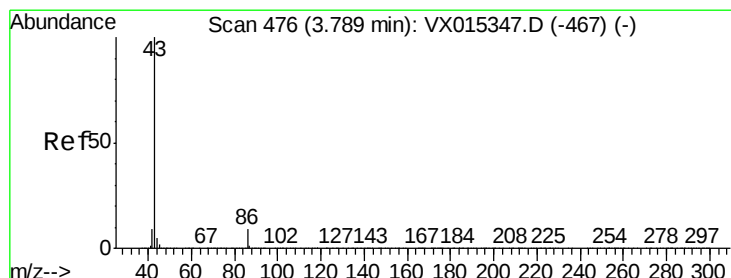
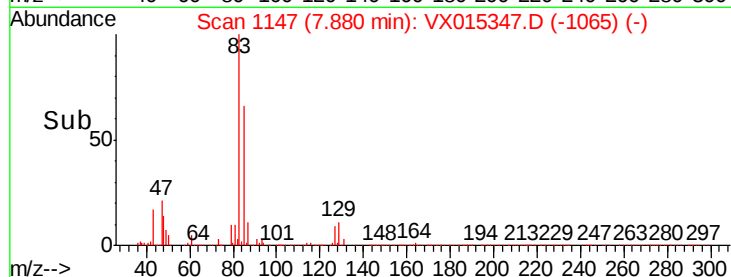
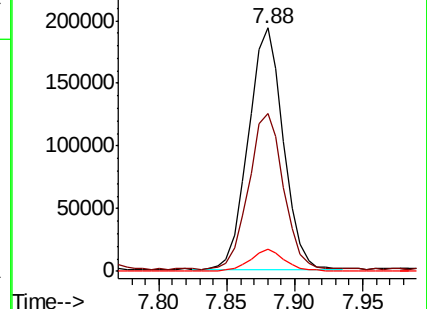
127 8.7 7.0 10.4



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: 102.772 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015347.D

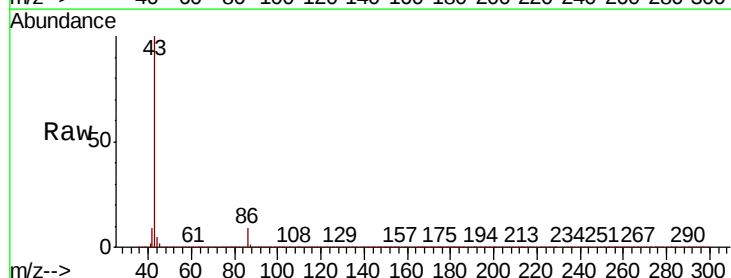
Acq: 25 Mar 2020 18:31

Tgt Ion: 43 Resp: 3705770

Ion Ratio Lower Upper

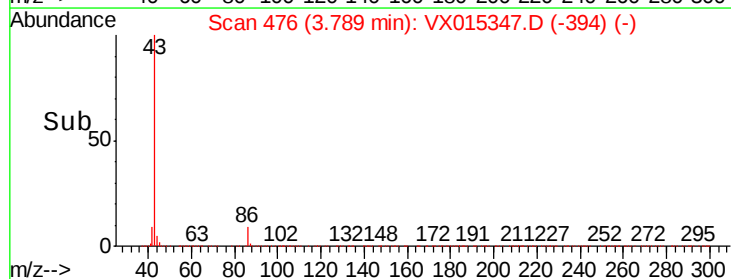
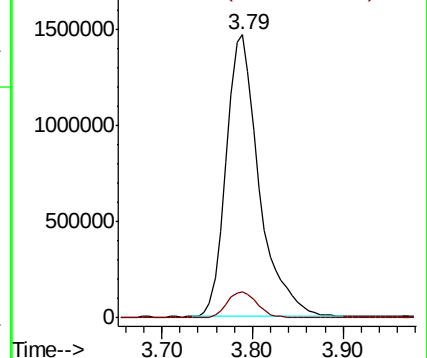
43 100

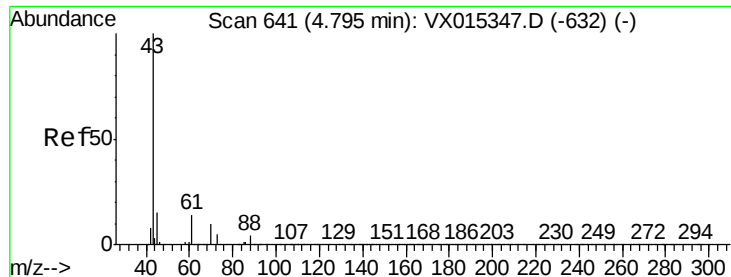
86 8.6 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

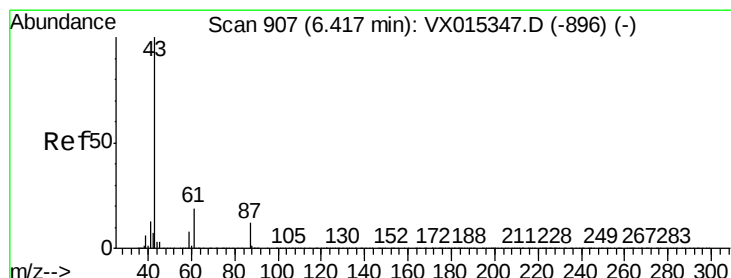
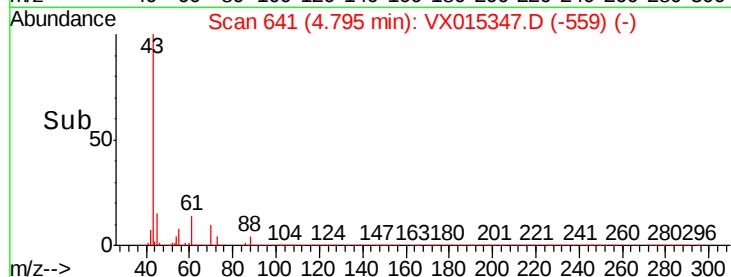
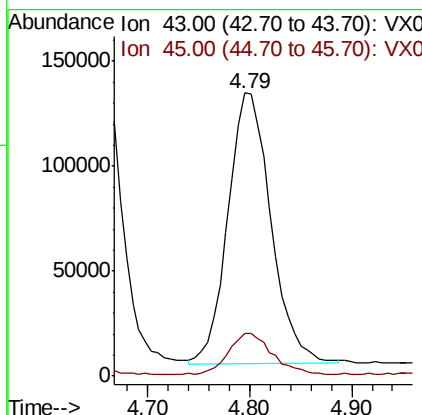
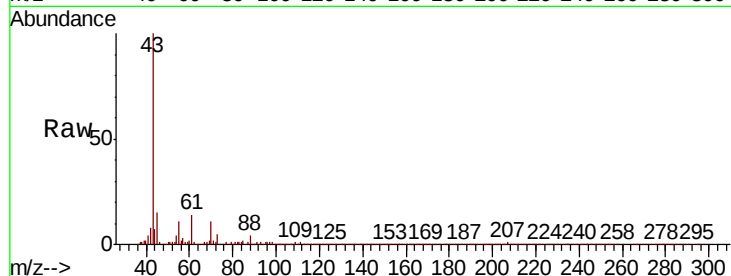




#43
Ethyl Acetate
Concen: 21.512 ug/l
RT: 4.79 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

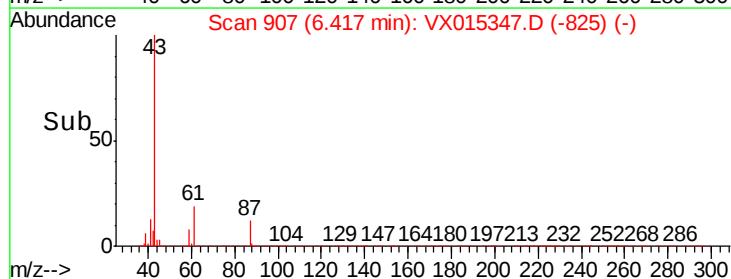
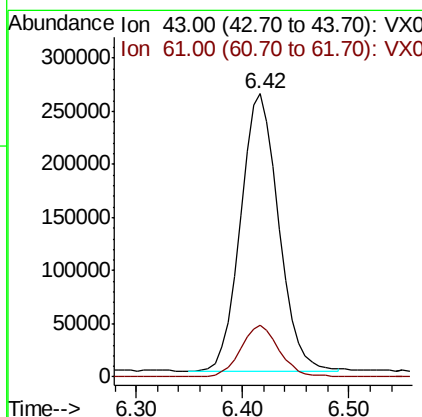
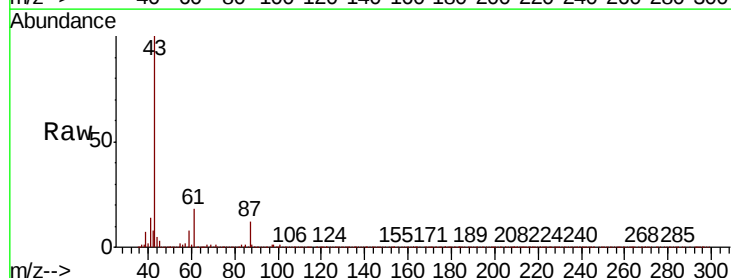
Instrument :
MSVOA_X
ClientSampleId :

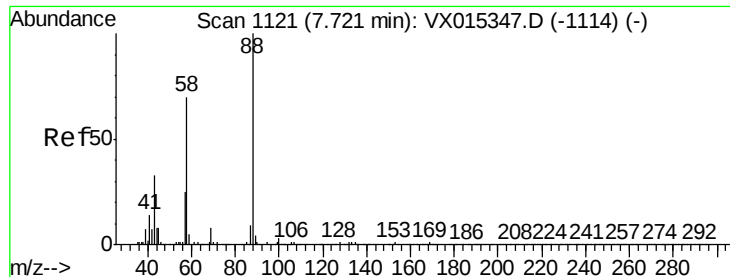
Tot Ion: 43 Resp: 376979
Ion Ratio Lower Upper
43 100
45 15.2 12.2 18.4



#44
Isopropyl Acetate
Concen: 22.226 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion: 43 Resp: 657923
Ion Ratio Lower Upper
43 100
61 18.3 14.6 22.0

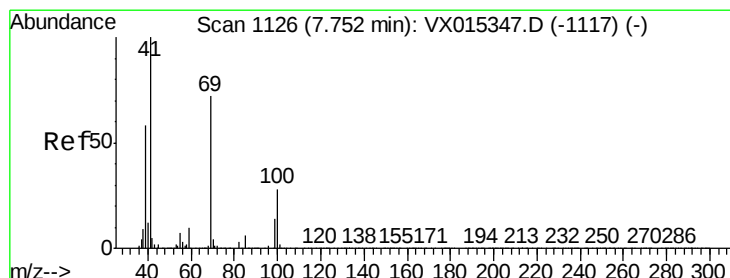
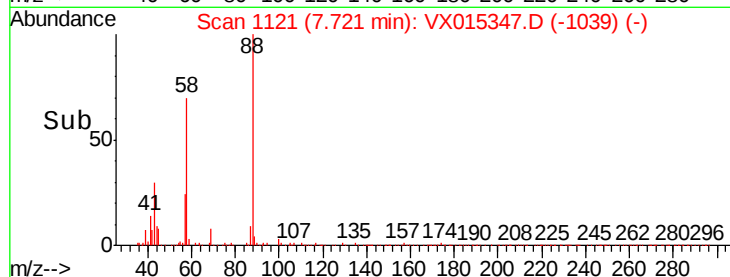
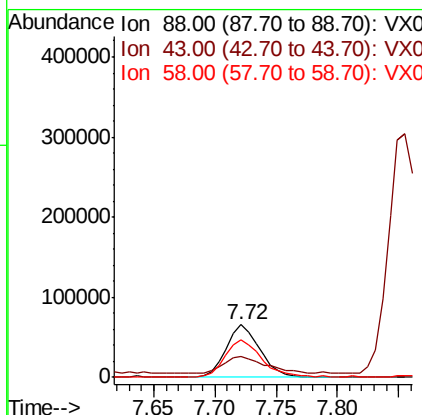
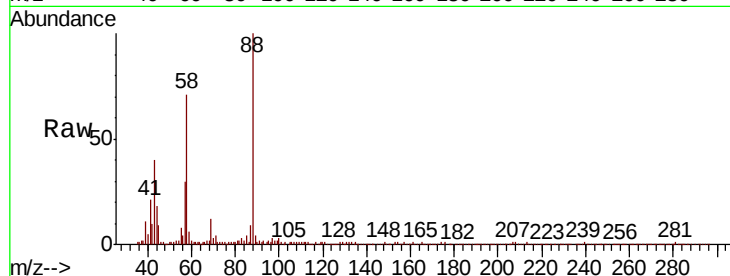




#45
 1,4-Dioxane
 Concen: 426.230 ug/l
 RT: 7.72 min Scan# 1121
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

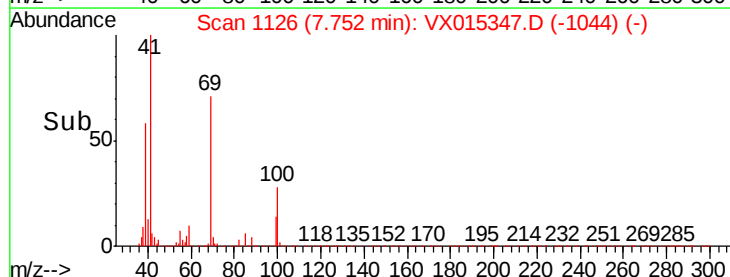
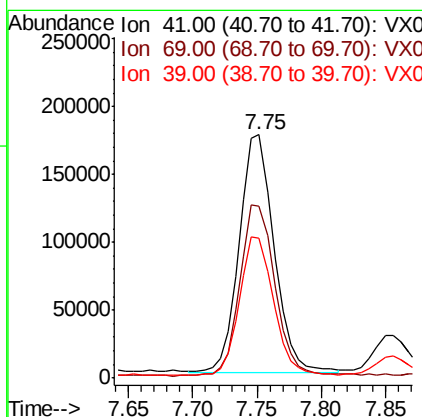
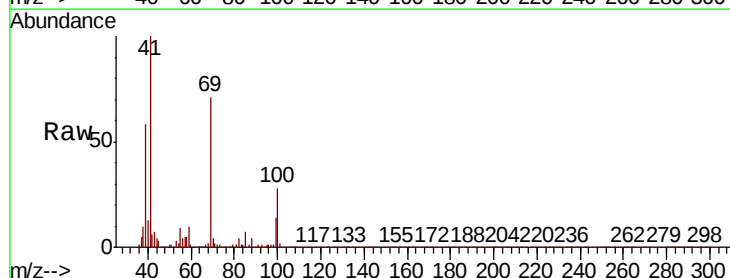
Instrument :
 MSVOA_X
 ClientSampleId :

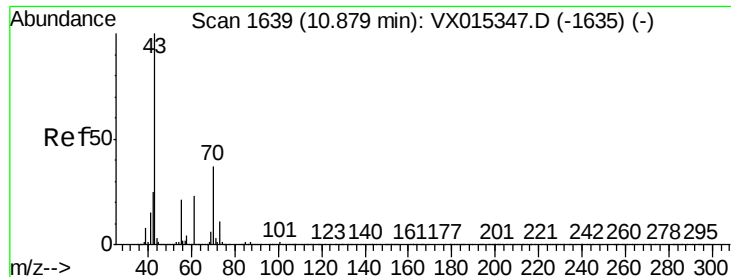
Tot Ion	Ratio	Lower	Upper
88	100		
43	40.2	32.1	48.1
58	73.7	59.4	89.0



#46
 Methyl methacrylate
 Concen: 22.192 ug/l
 RT: 7.75 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	71.6	35.8	107.4
39	57.9	28.9	86.8





#47

n-amvl Acetate

Concen: 21.041 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

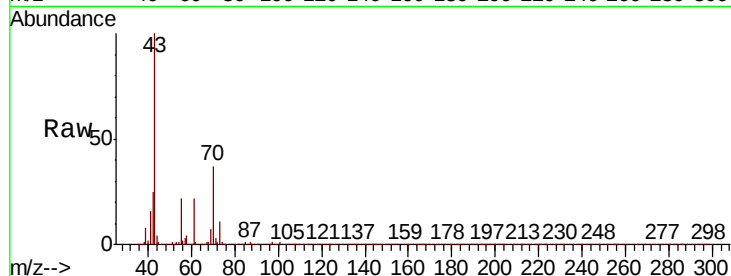
ClientSampleId :

Tot Ion: 43 Resp: 554459

Ion Ratio Lower Upper

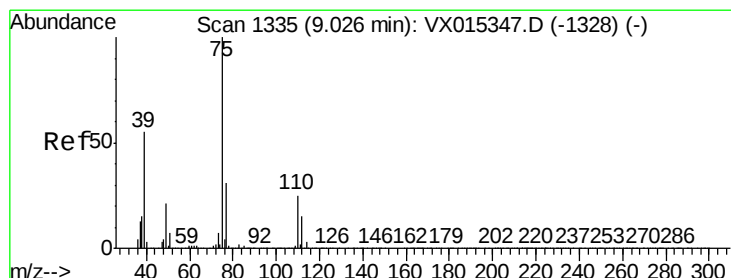
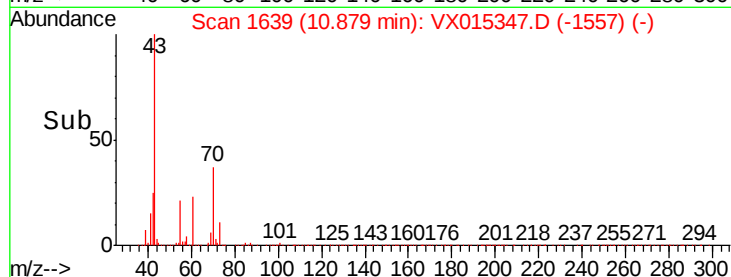
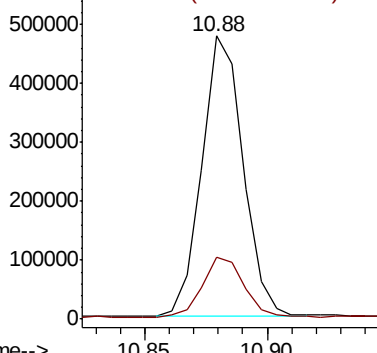
43 100

55 21.3 17.0 25.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 21.487 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015347.D

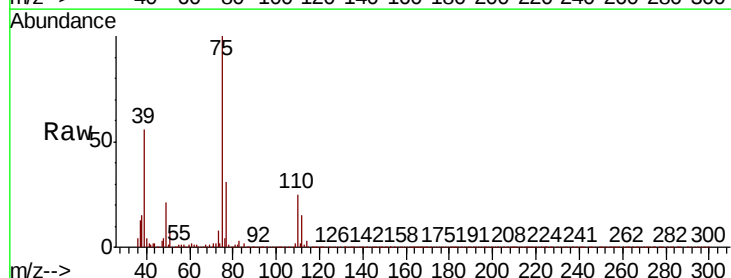
Acq: 25 Mar 2020 18:31

Tgt Ion: 75 Resp: 398932

Ion Ratio Lower Upper

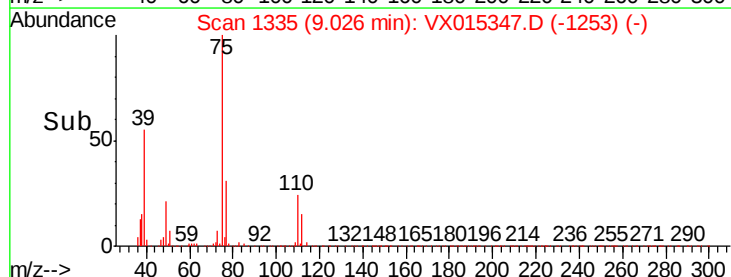
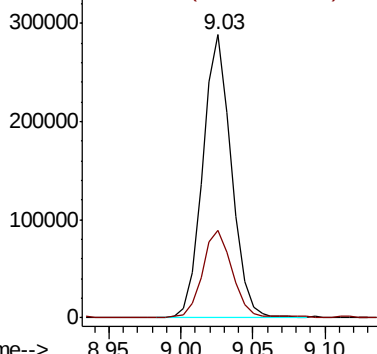
75 100

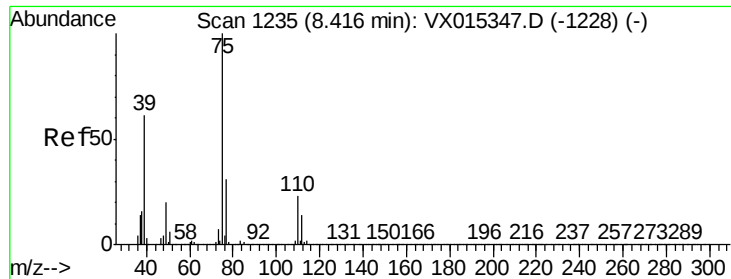
77 30.8 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



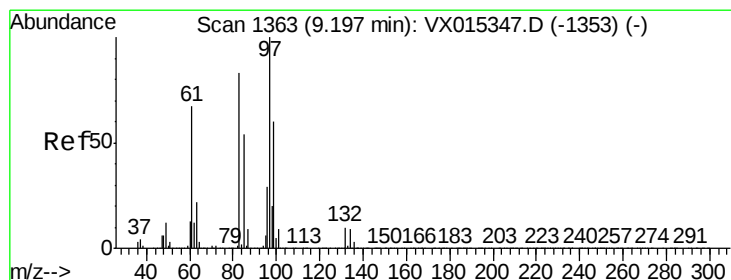
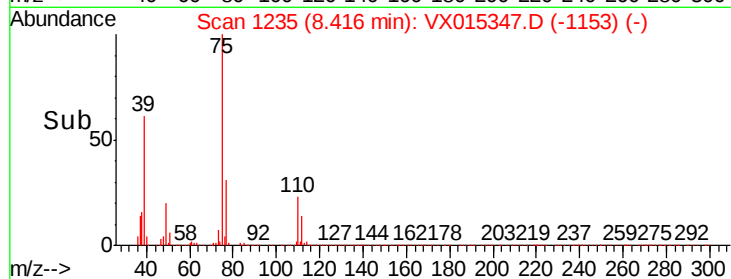
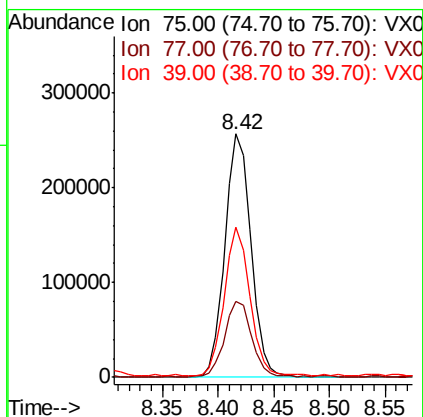
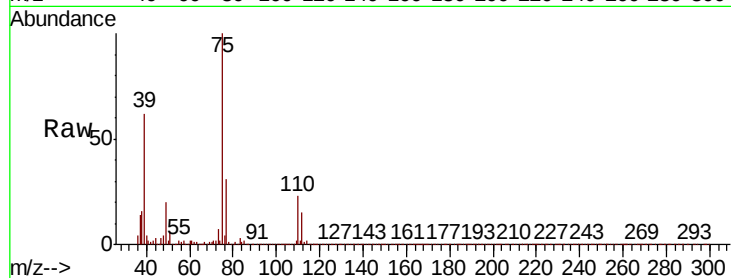


#49

cis-1,3-Dichloropropene
Concen: 20.200 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :

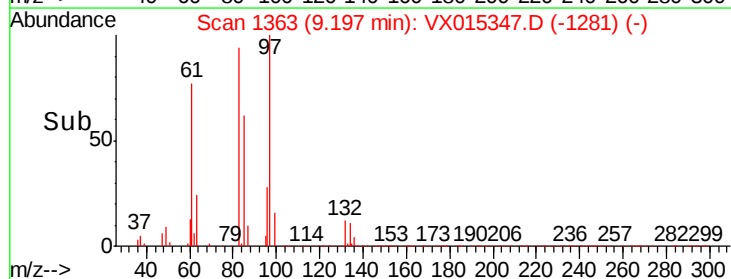
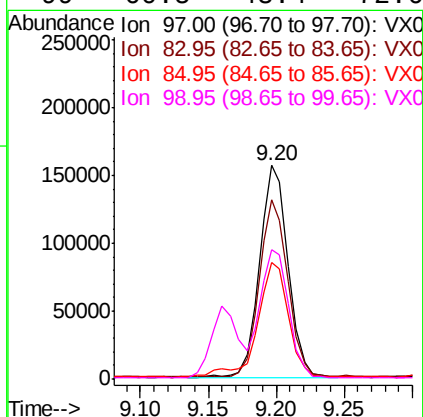
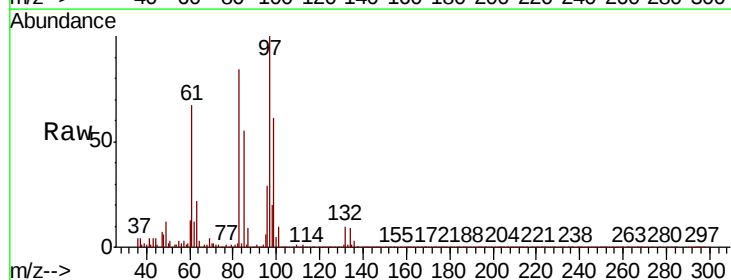
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8
39	61.1	48.9	73.3

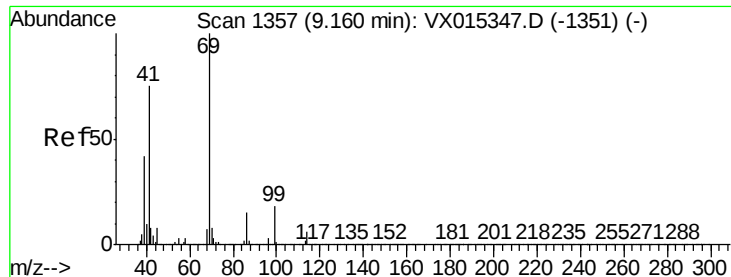


#50

1,1,2-Trichloroethane
Concen: 18.802 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.5	66.8	100.2
85	54.1	43.3	64.9
99	60.5	48.4	72.6





#51

Ethyl methacrylate

Concen: 20.084 ug/l

RT: 9.16 min Scan# 1357

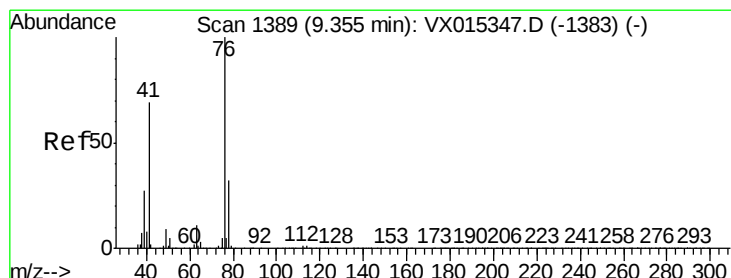
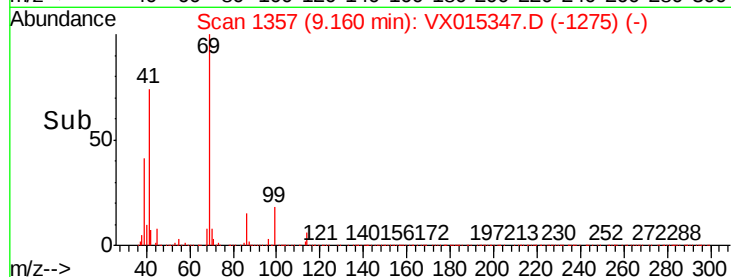
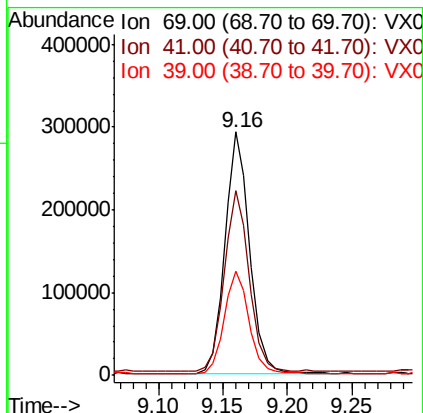
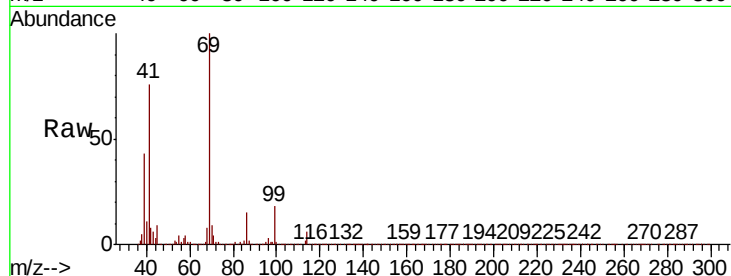
Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	69	Resp:	390561
Ion	Ratio	Lower	Upper
69	100		
41	74.8	37.4	112.2
39	42.1	21.1	63.1



#52

1,3-Dichloropropane

Concen: 19.332 ug/l

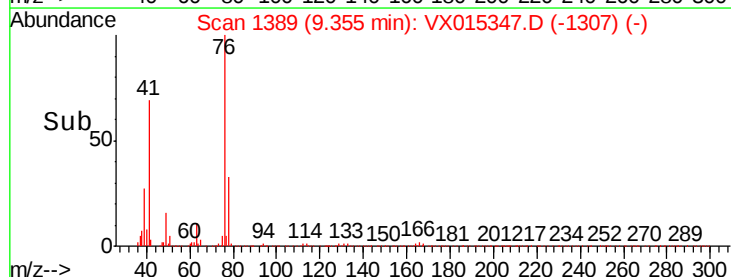
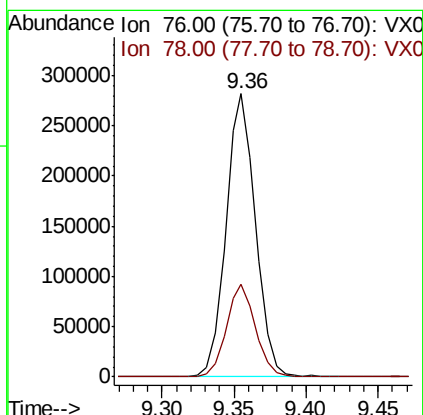
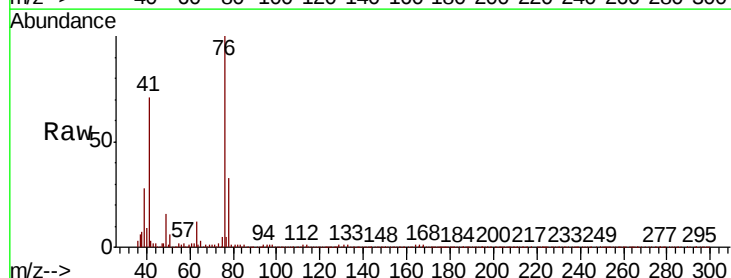
RT: 9.36 min Scan# 1389

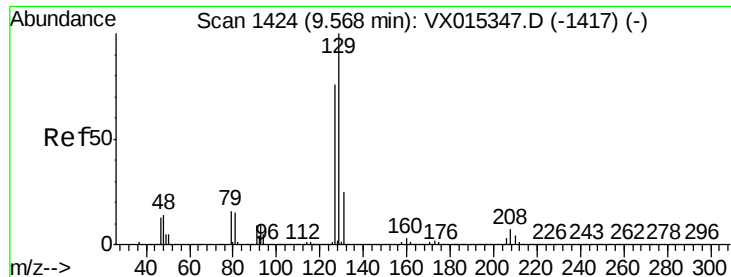
Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Tgt Ion:	76	Resp:	402016
Ion	Ratio	Lower	Upper
76	100		
78	31.6	0.0	63.2





#53

Dibromochloromethane

Concen: 20.912 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

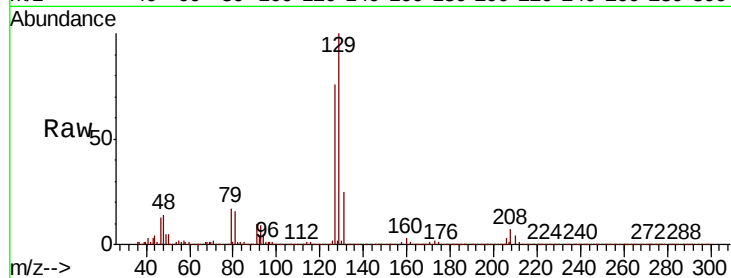
ClientSampleId :

Tot Ion:129 Resp: 281348

Ion Ratio Lower Upper

129 100

127 77.3 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

200000

150000

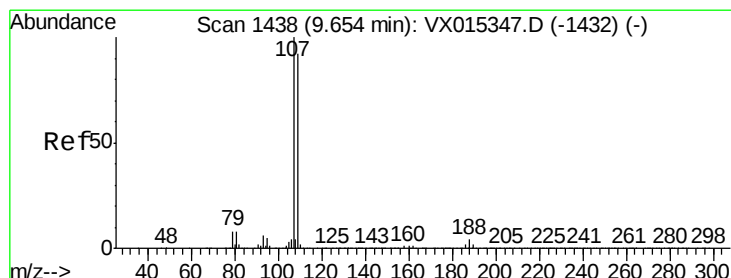
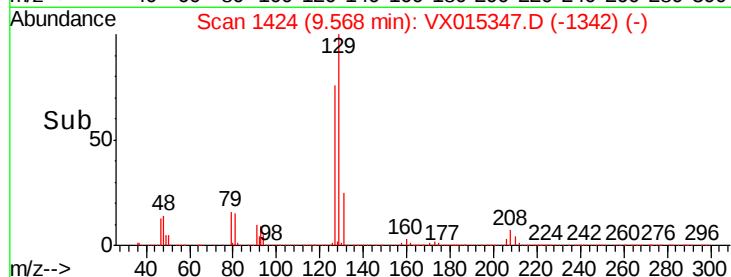
100000

50000

0

9.50 9.55 9.60 9.65

Time-->



#54

1,2-Dibromoethane

Concen: 19.507 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015347.D

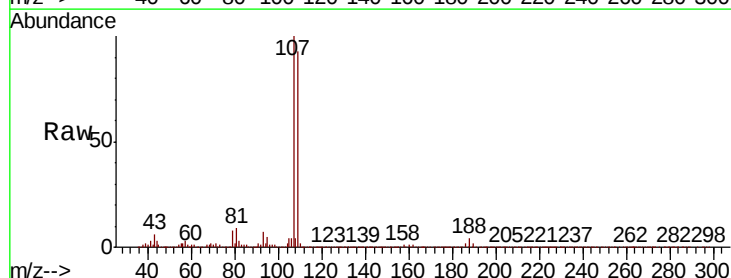
Acq: 25 Mar 2020 18:31

Tgt Ion:107 Resp: 247707

Ion Ratio Lower Upper

107 100

109 93.4 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

200000

150000

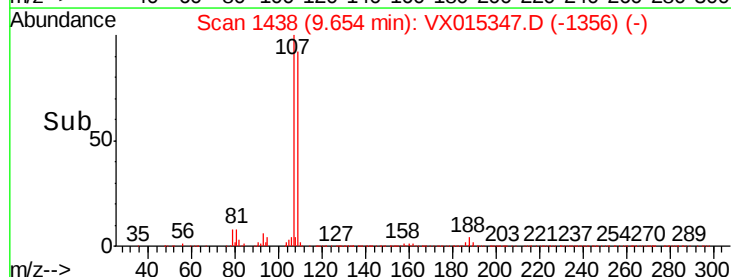
100000

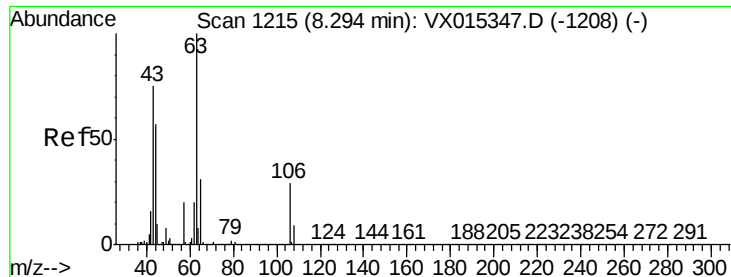
50000

0

9.60 9.65 9.70

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 99.324 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

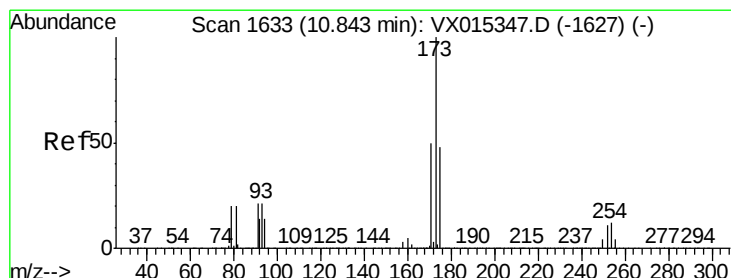
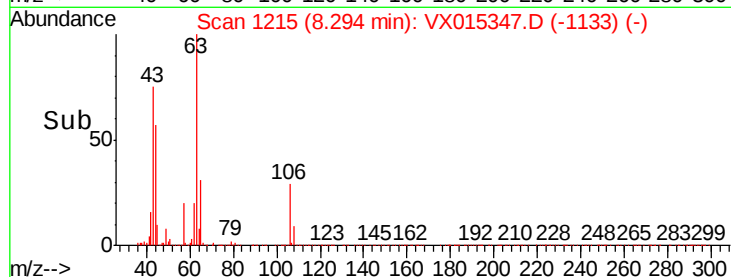
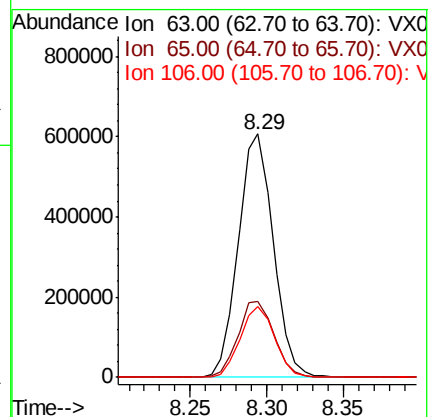
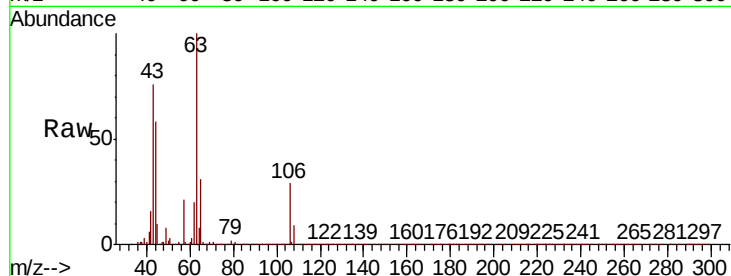
Tot Ion: 63 Resp: 963370

Ion Ratio Lower Upper

63 100

65 32.0 25.5 38.3

106 28.9 23.1 34.7



#56

Bromoform

Concen: 21.538 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

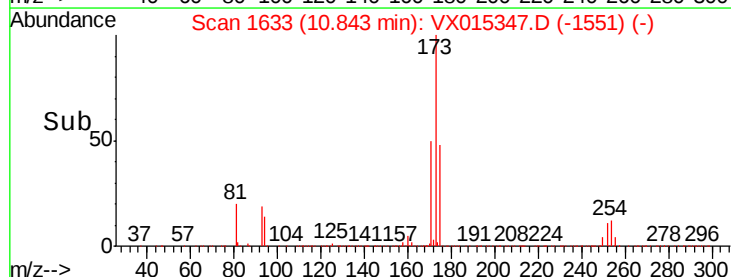
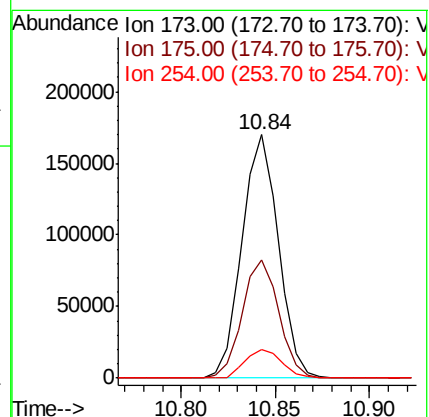
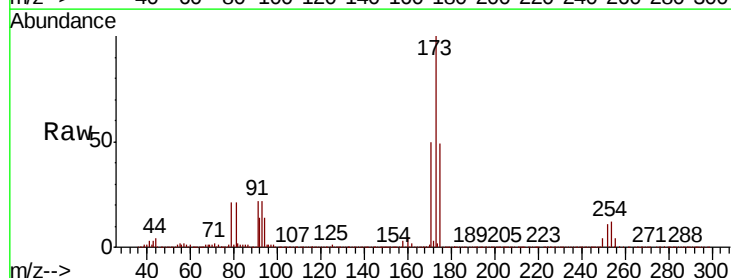
Tgt Ion:173 Resp: 227499

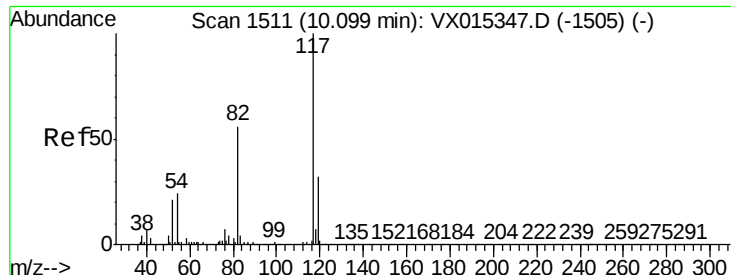
Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.4

254 11.8 9.4 14.2

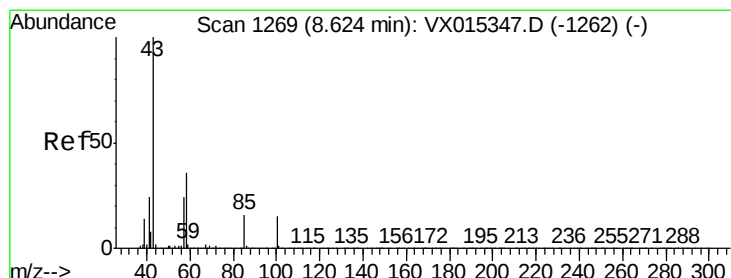
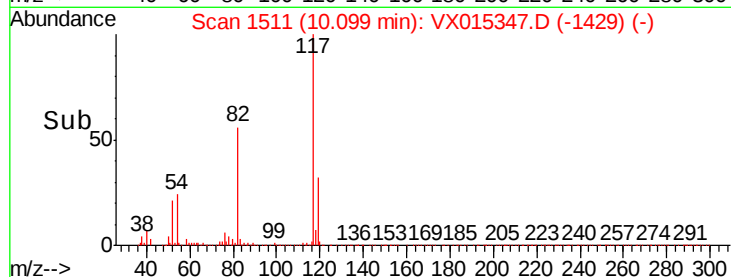
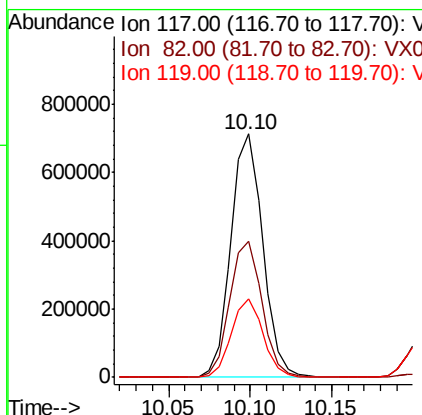
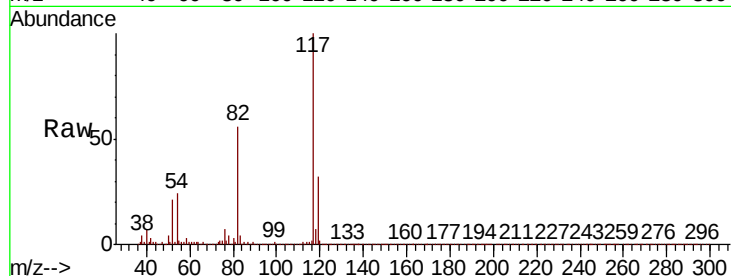




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

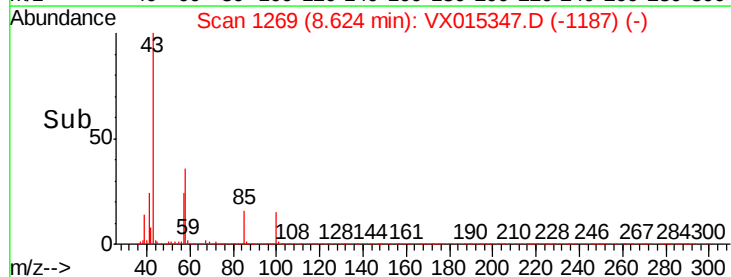
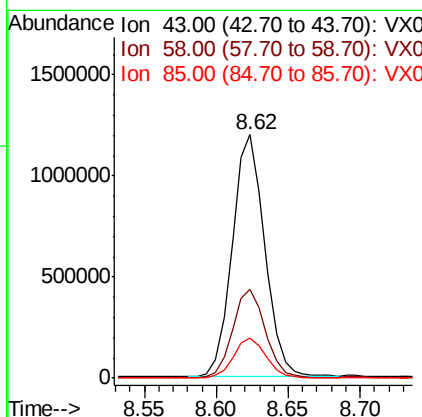
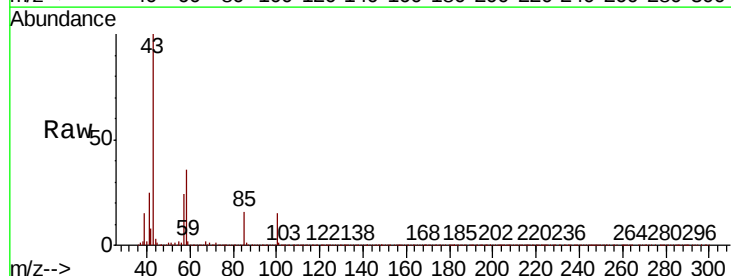
Instrument :
MSVOA_X
ClientSampleId :

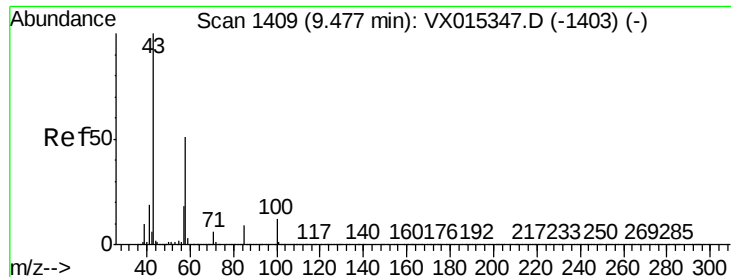
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.0	67.6
119	31.9	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 109.606 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	29.4	44.0
85	16.2	13.0	19.4

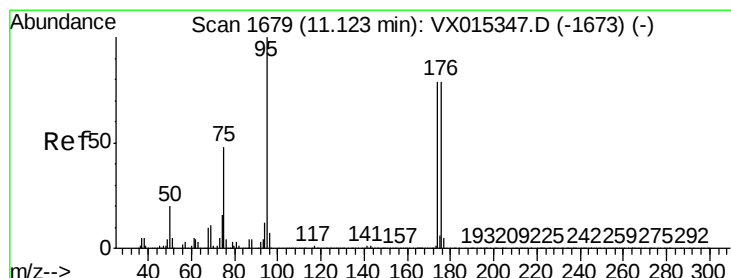
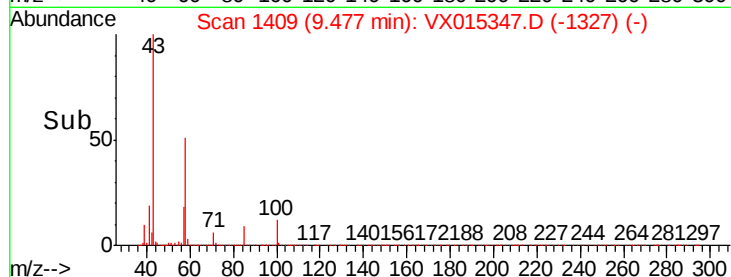
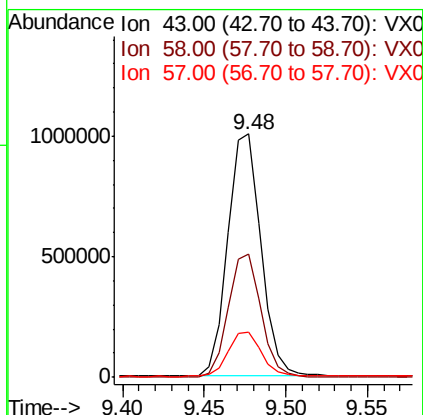
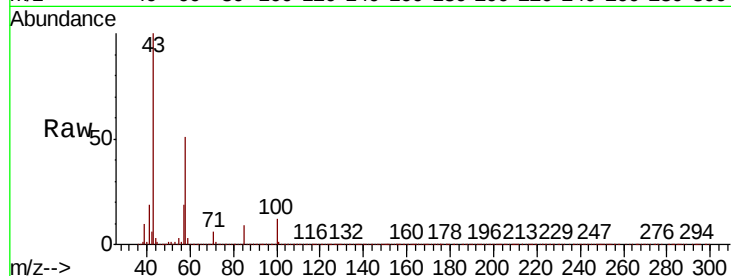




#59
2-Hexanone
Concen: 109.391 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

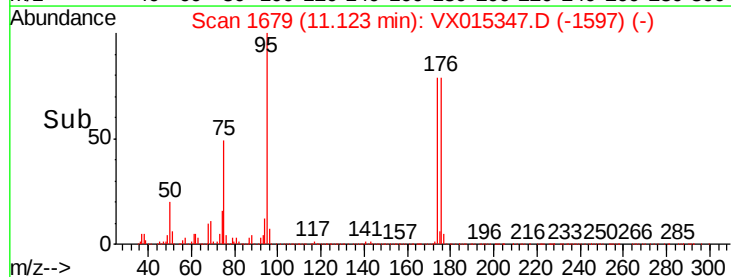
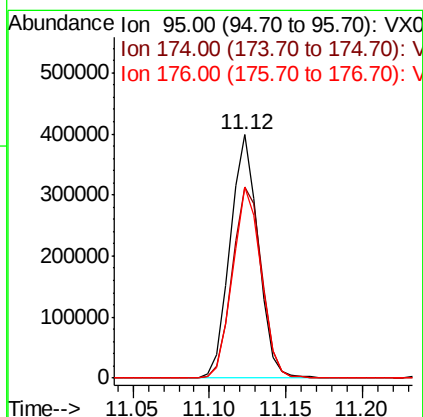
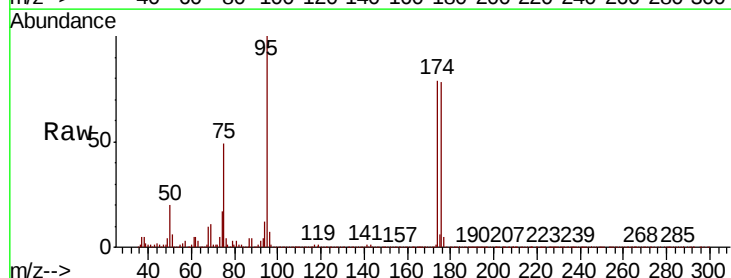
Instrument :
MSVOA_X
ClientSampleId :

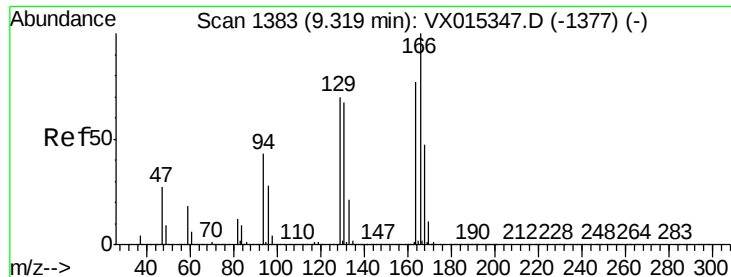
Tot Ion: 43 Resp: 1421823
Ion Ratio Lower Upper
43 100
58 50.3 40.2 60.4
57 18.3 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 32.036 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion: 95 Resp: 504486
Ion Ratio Lower Upper
95 100
174 83.0 66.4 99.6
176 80.0 64.1 96.1





#61

Tetrachloroethene

Concen: 18.114 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 242076

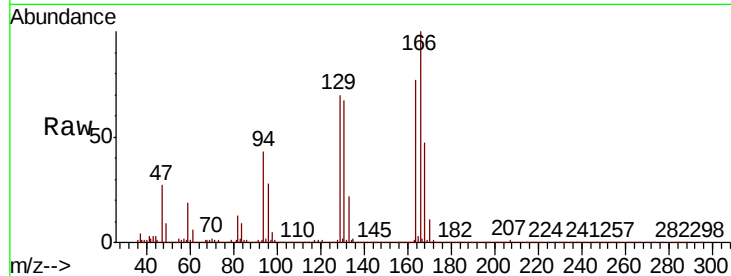
Ion Ratio Lower Upper

164 100

166 129.5 103.6 155.4

129 90.7 72.6 108.8

131 87.2 69.8 104.6

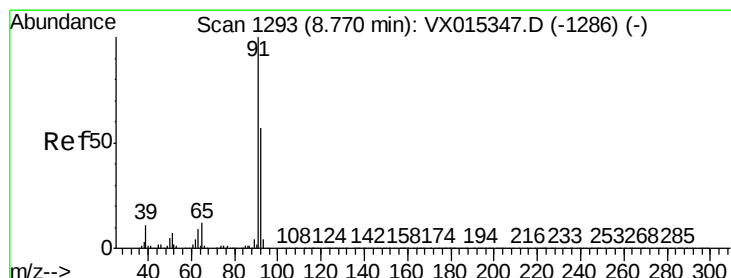
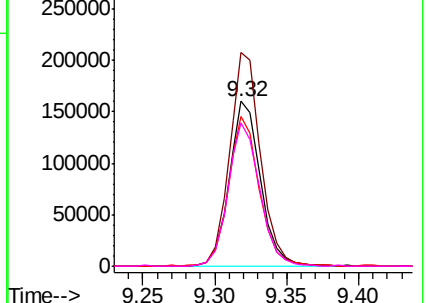
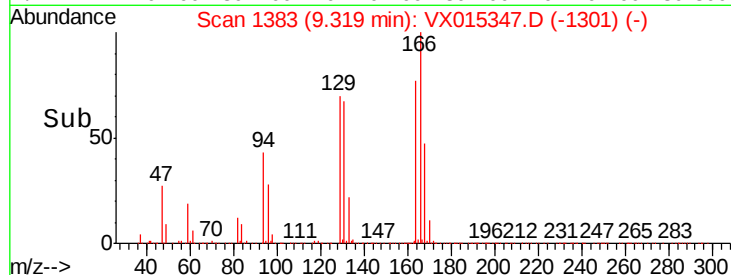


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.640 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015347.D

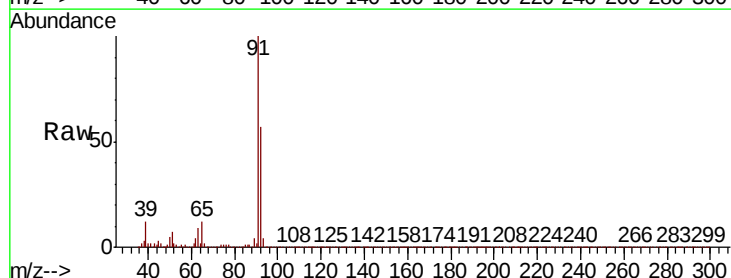
Acq: 25 Mar 2020 18:31

Tgt Ion: 91 Resp: 959555

Ion Ratio Lower Upper

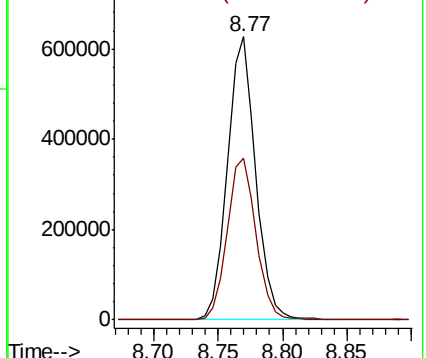
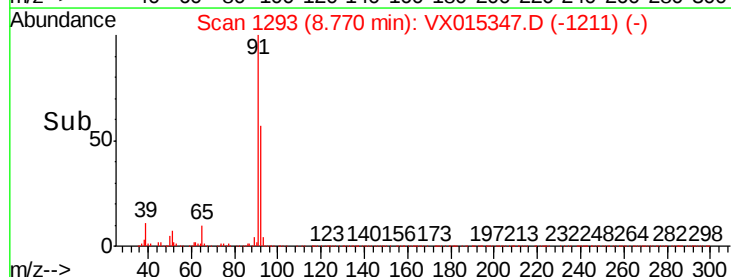
91 100

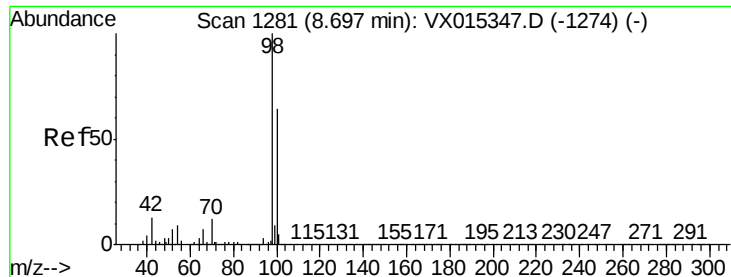
92 58.4 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.225 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

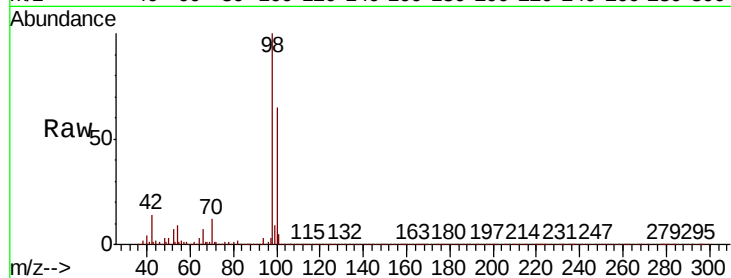
ClientSampleId :

Tot Ion: 98 Resp: 1270664

Ion Ratio Lower Upper

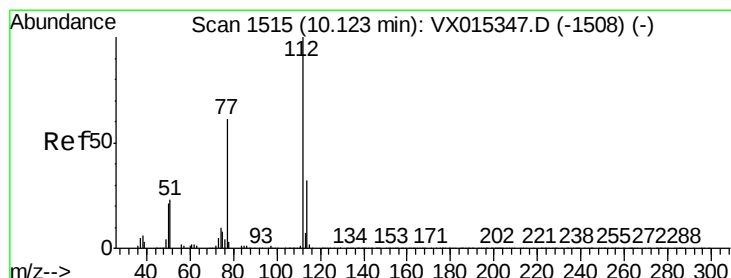
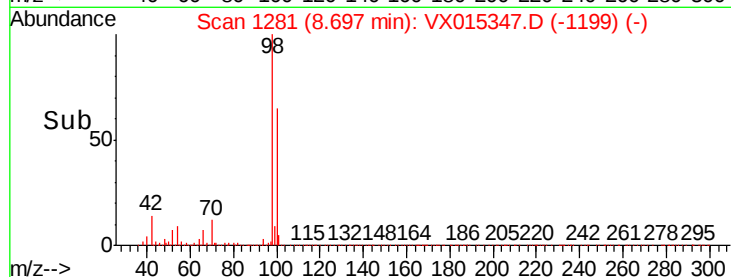
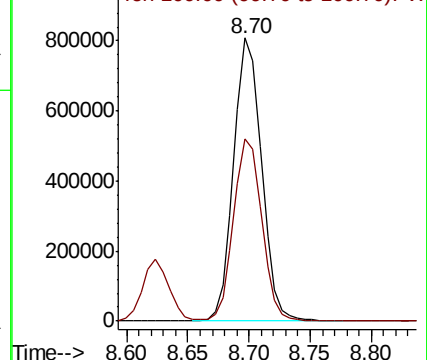
98 100

100 65.2 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 18.581 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015347.D

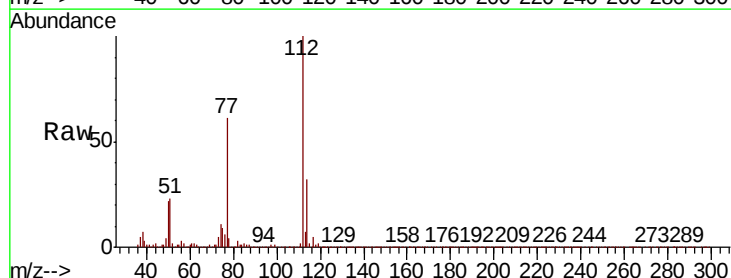
Acq: 25 Mar 2020 18:31

Tgt Ion: 112 Resp: 603772

Ion Ratio Lower Upper

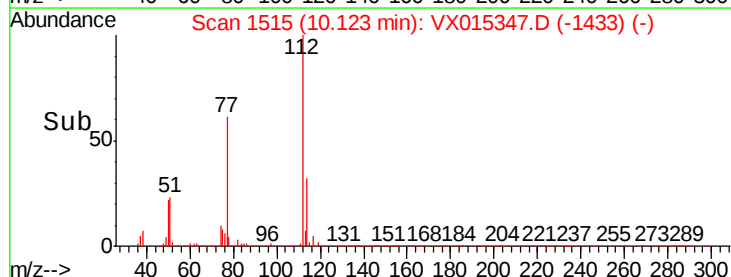
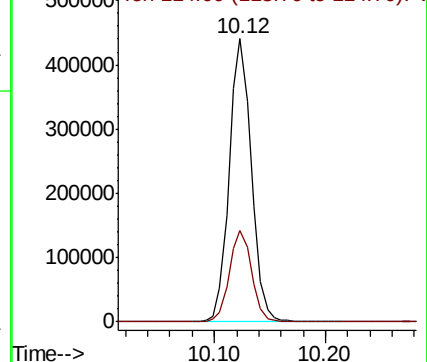
112 100

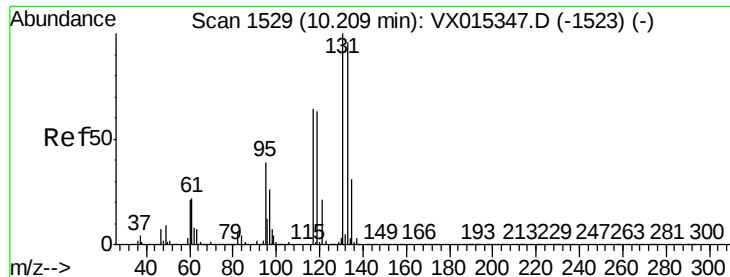
114 32.3 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 20.102 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

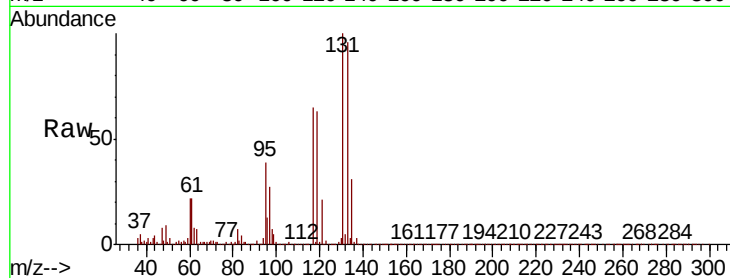
Tot Ion:131 Resp: 245172

Ion Ratio Lower Upper

131 100

133 96.8 0.0 193.6

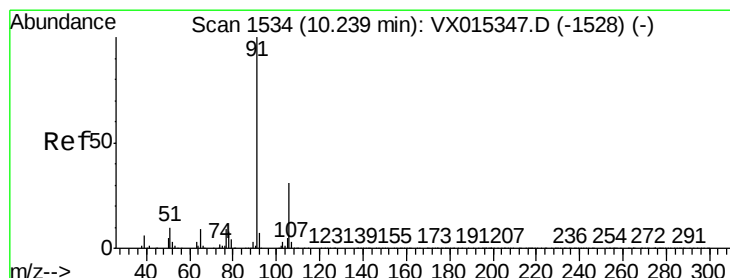
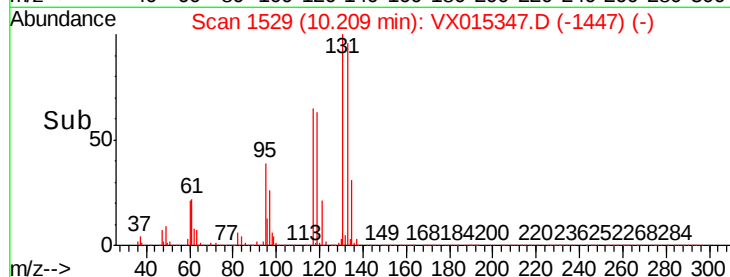
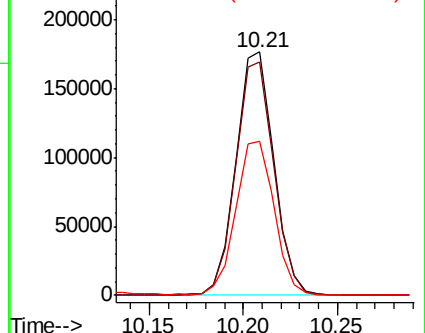
119 64.0 0.0 128.0



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: 19.243 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015347.D

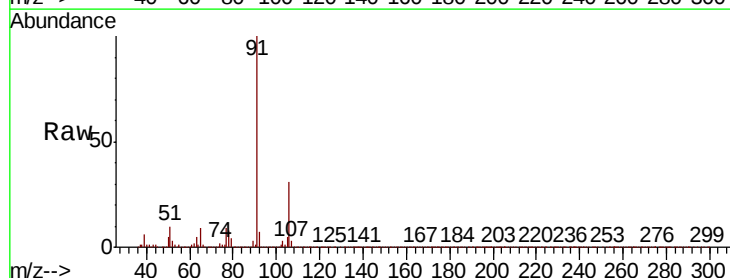
Acq: 25 Mar 2020 18:31

Tgt Ion: 91 Resp: 1101334

Ion Ratio Lower Upper

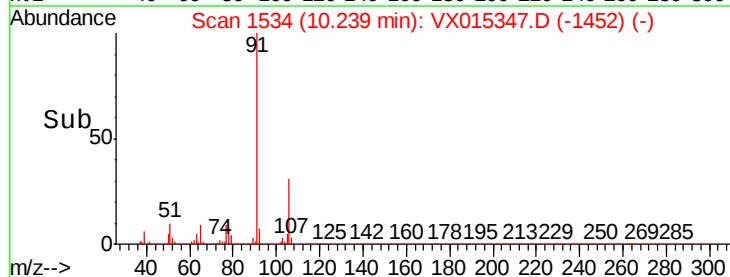
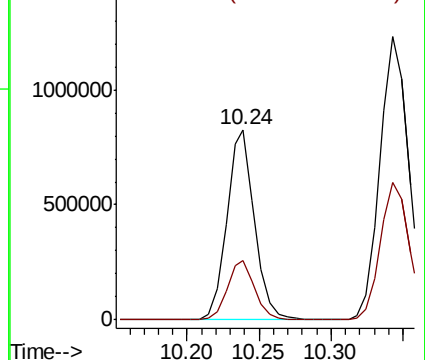
91 100

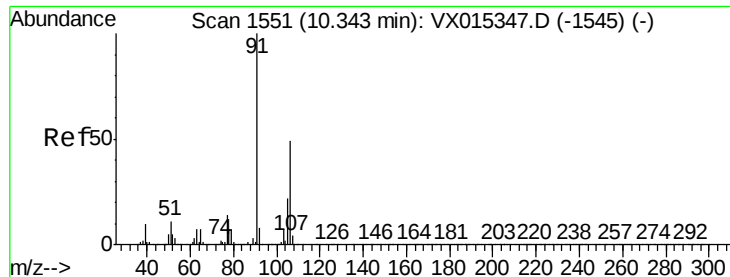
106 31.3 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

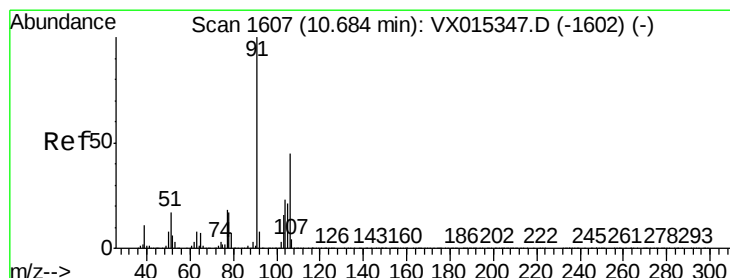
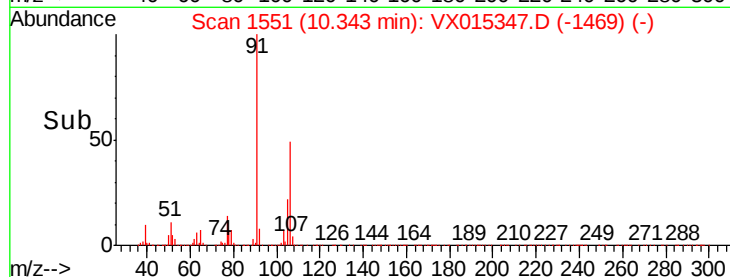
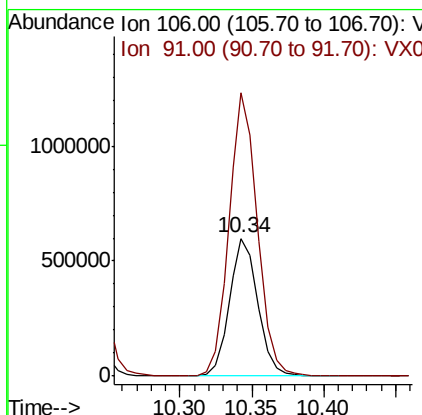
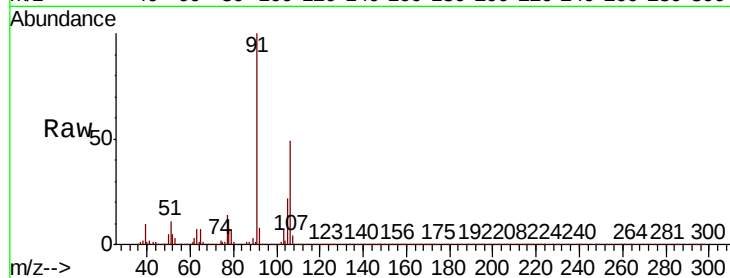




#67
m/p-Xylenes
Concen: 37.625 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

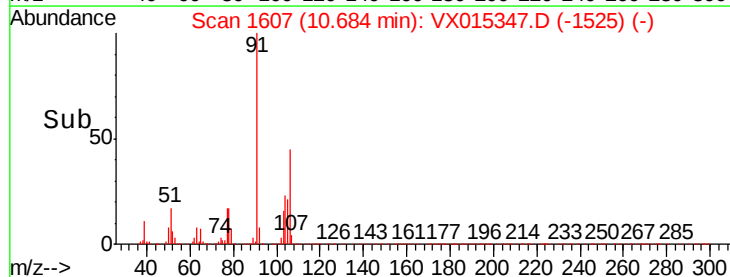
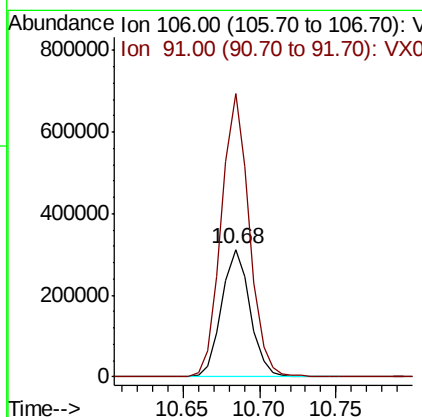
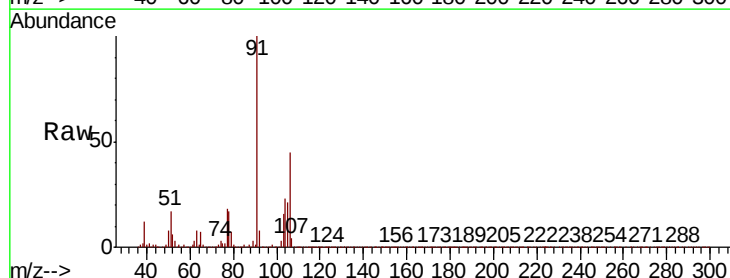
Instrument :
MSVOA_X
ClientSampleId :

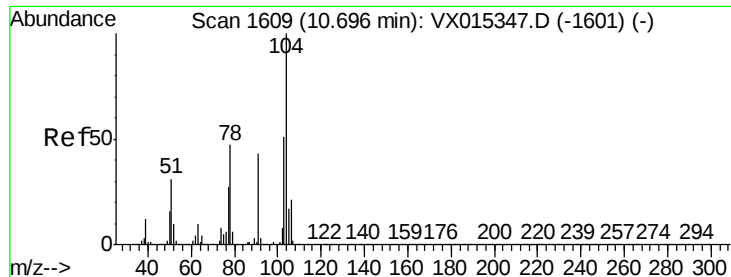
Tot Ion:106 Resp: 822719
Ion Ratio Lower Upper
106 100
91 206.2 165.0 247.4



#68
o-Xylene
Concen: 19.083 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion:106 Resp: 402189
Ion Ratio Lower Upper
106 100
91 218.1 109.1 327.2

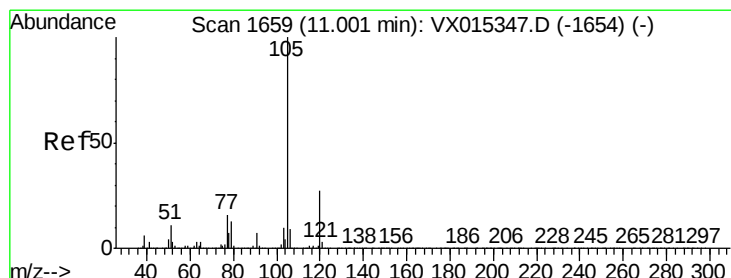
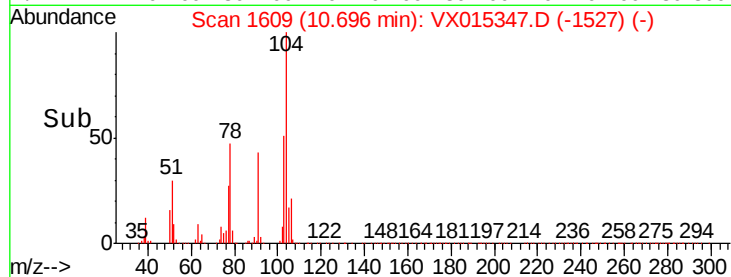
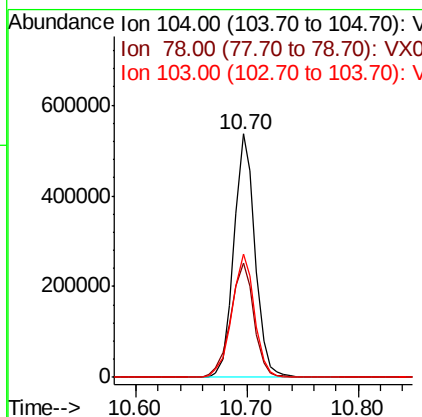
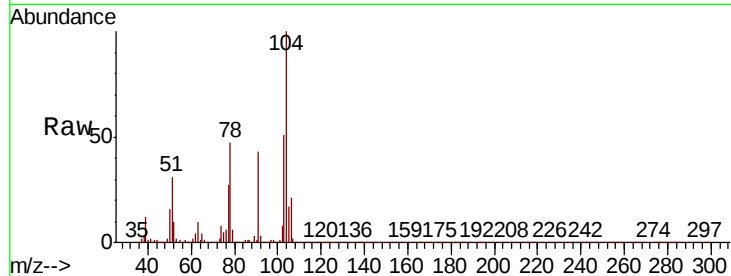




#69
Stvrene
Concen: 19.179 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

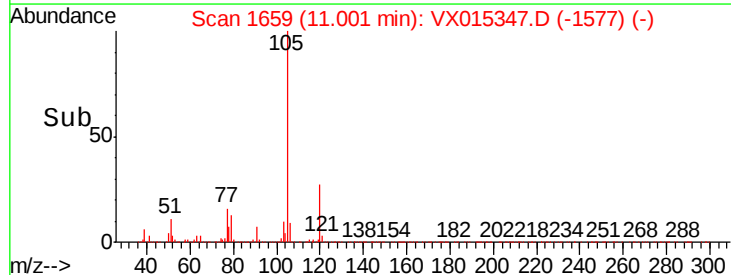
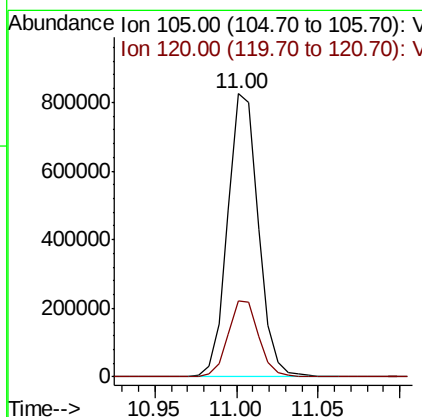
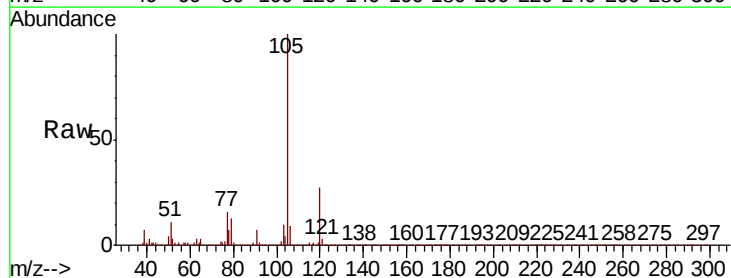
Instrument :
MSVOA_X
ClientSampleId :

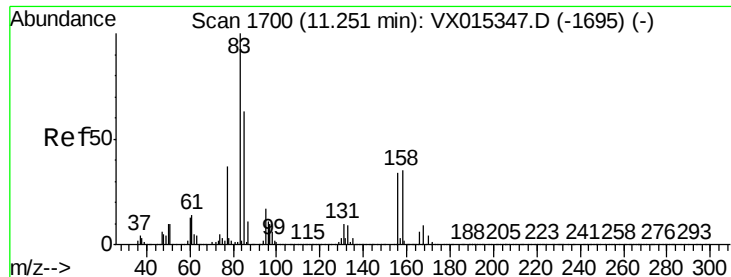
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.9	41.5	62.3
103	54.3	43.4	65.2



#70
Isopropylbenzene
Concen: 19.272 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 18.824 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

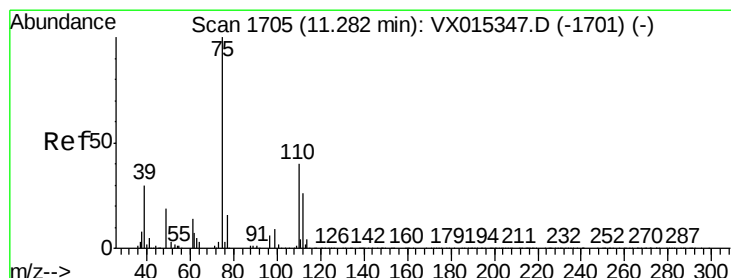
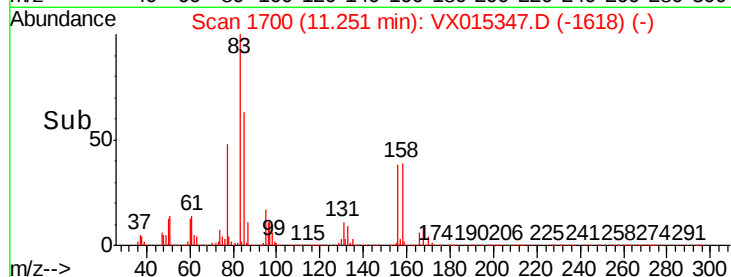
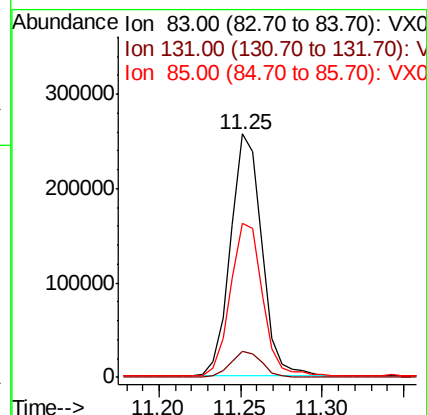
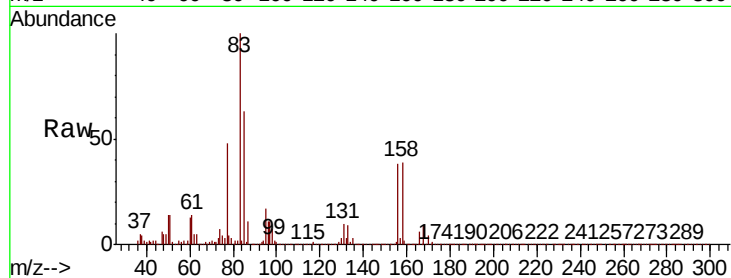
Tot Ion: 83 Resp: 341533

Ion Ratio Lower Upper

83 100

131 10.6 5.3 15.9

85 64.1 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 27.634 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015347.D

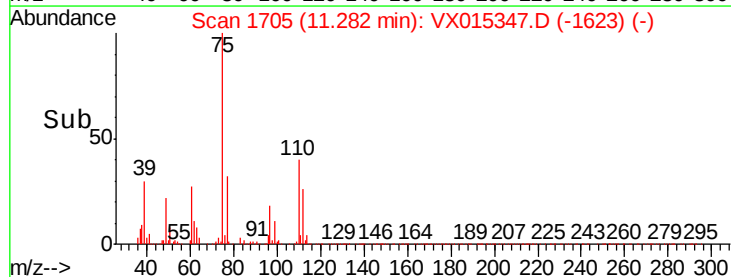
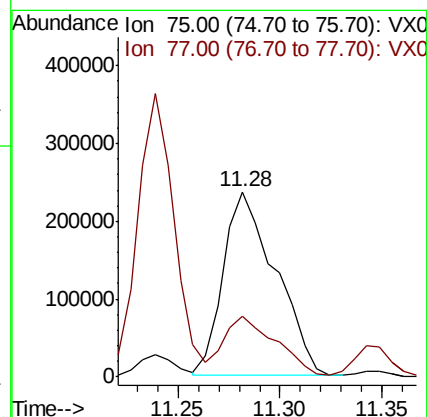
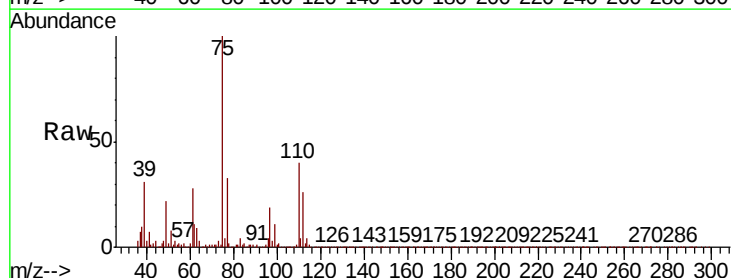
Acq: 25 Mar 2020 18:31

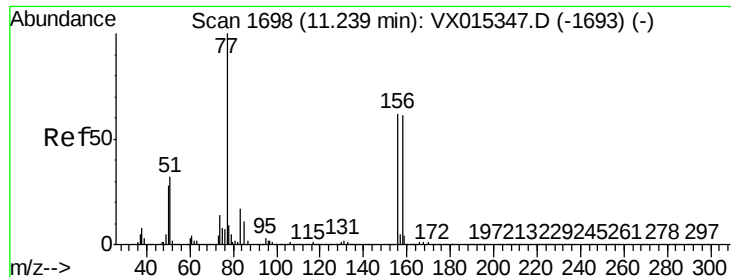
Tgt Ion: 75 Resp: 421104

Ion Ratio Lower Upper

75 100

77 31.0 0.0 80.0





#73

Bromobenzene

Concen: 18.371 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

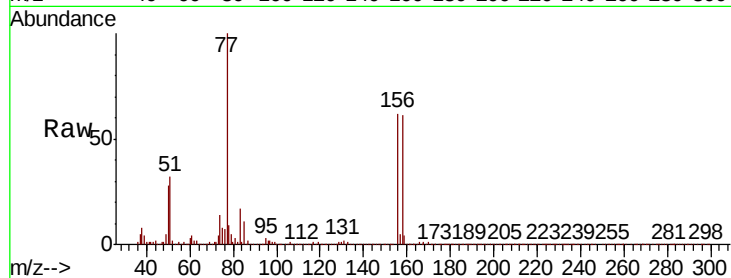
Tot Ion:156 Resp: 278656

Ion Ratio Lower Upper

156 100

77 161.7 0.0 324.4

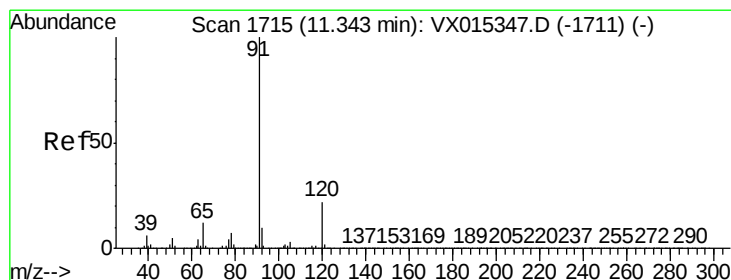
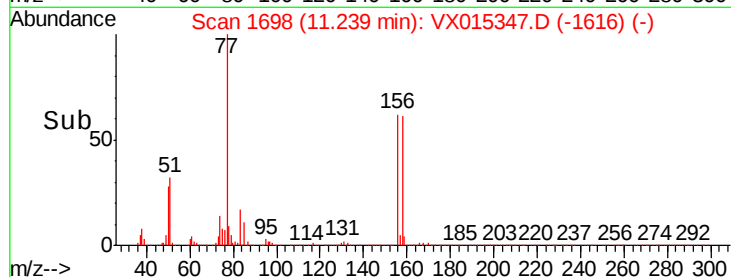
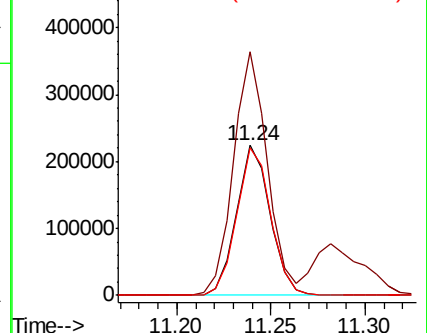
158 99.7 0.0 200.0



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: 18.760 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015347.D

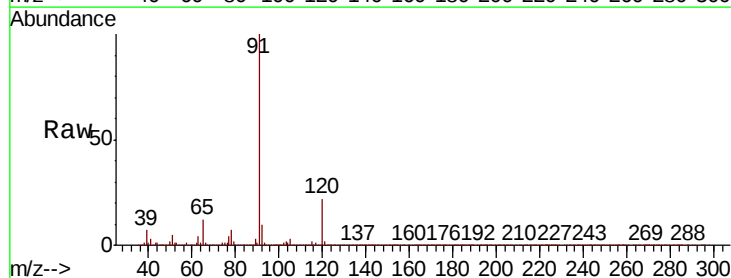
Acq: 25 Mar 2020 18:31

Tgt Ion: 91 Resp: 1242493

Ion Ratio Lower Upper

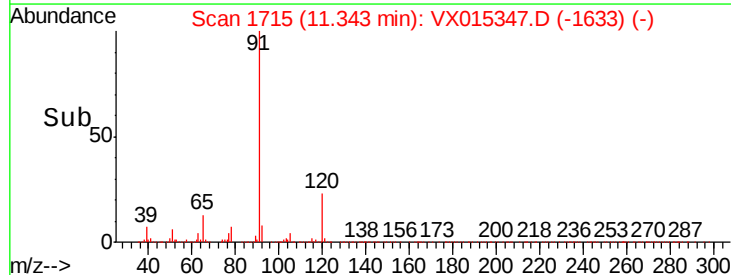
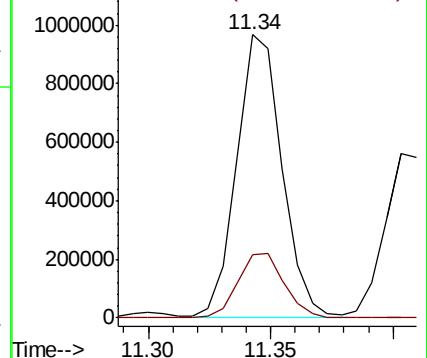
91 100

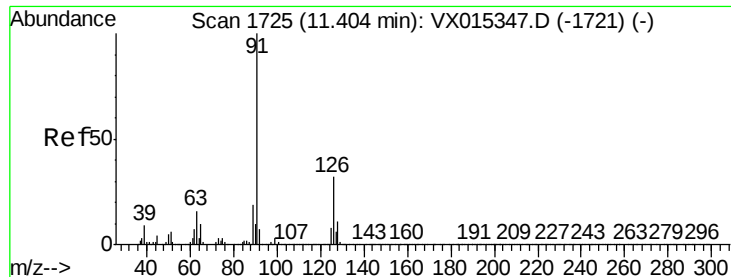
120 23.1 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

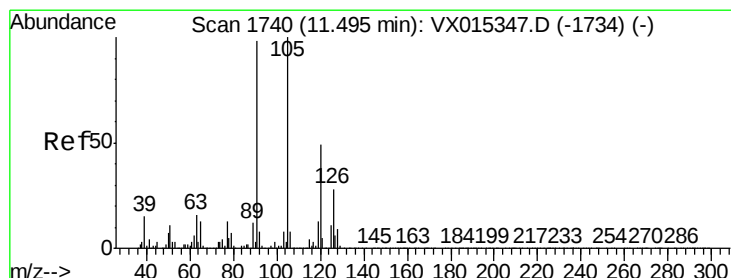
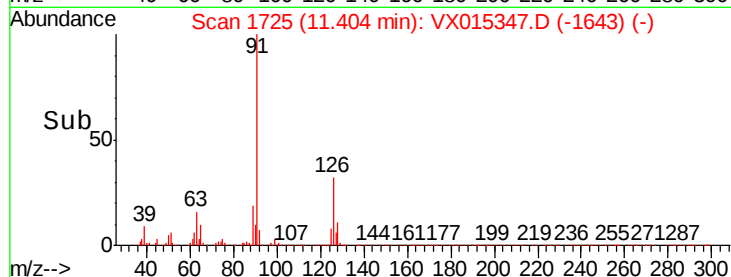
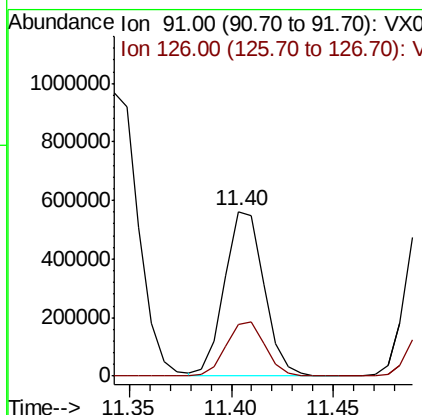
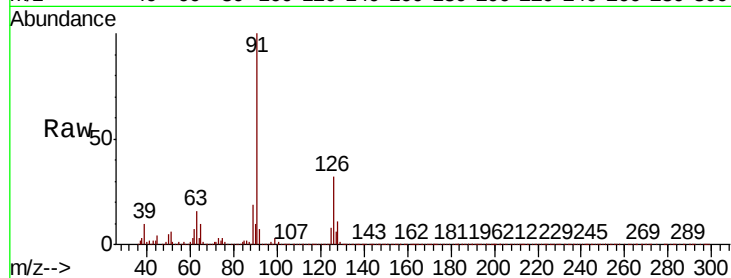




#75
 2-Chlorotoluene
 Concen: 19.393 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

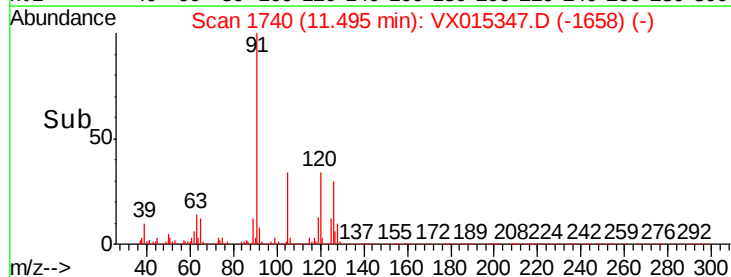
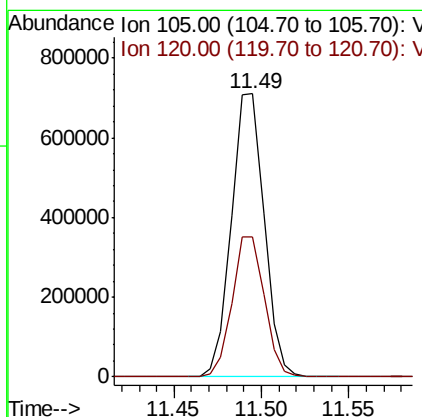
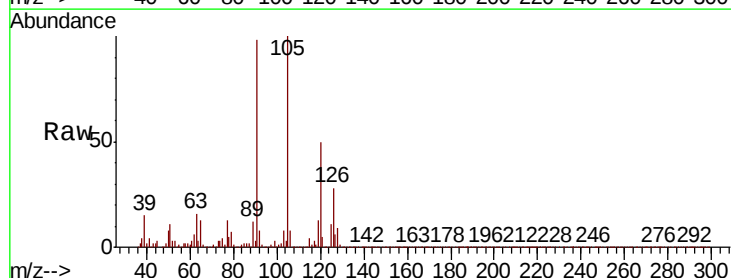
Instrument :
 MSVOA_X
 ClientSampled :

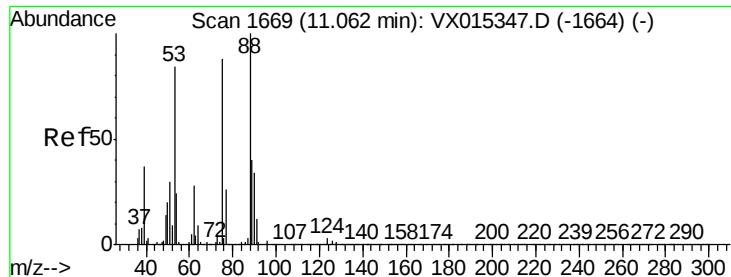
Tot Ion: 91 Resp: 754213
 Ion Ratio Lower Upper
 91 100
 126 32.6 0.0 65.2



#76
 1,3,5-Trimethylbenzene
 Concen: 19.282 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

Tgt Ion: 105 Resp: 926602
 Ion Ratio Lower Upper
 105 100
 120 49.0 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 21.240 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

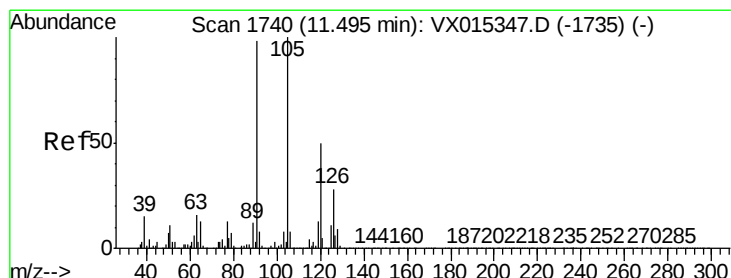
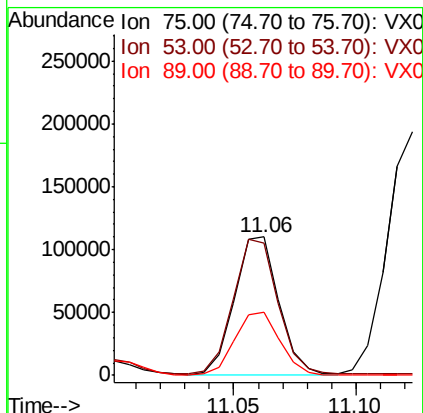
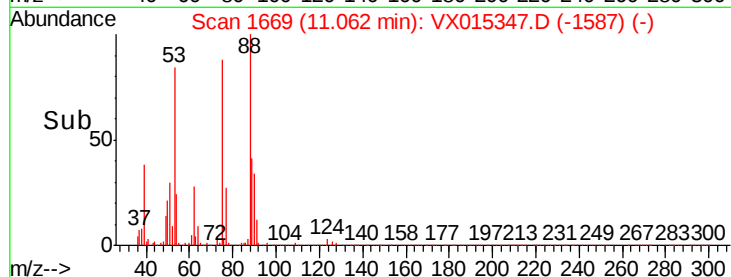
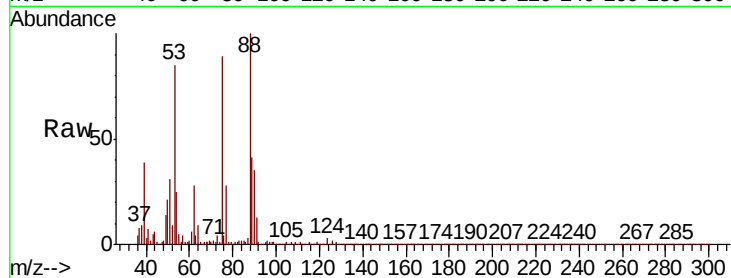
Tot Ion: 75 Resp: 138137

Ion Ratio Lower Upper

75 100

53 95.1 47.5 142.6

89 45.5 22.8 68.3



#78

4-Chlorotoluene

Concen: 19.469 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015347.D

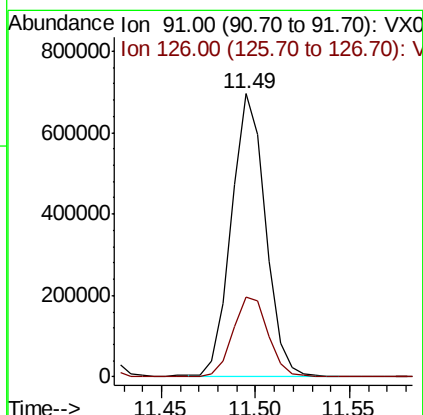
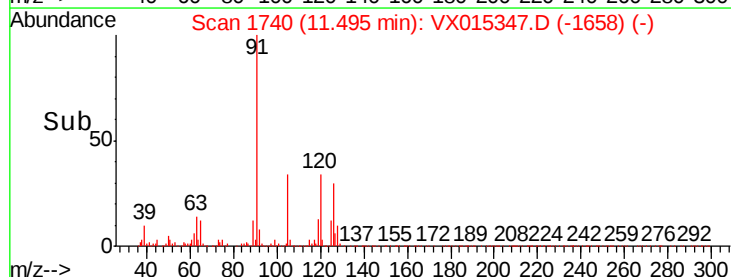
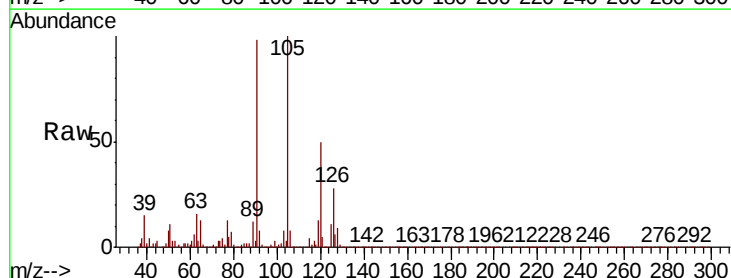
Acq: 25 Mar 2020 18:31

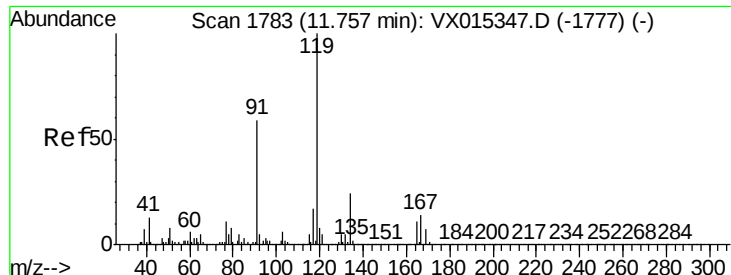
Tgt Ion: 91 Resp: 870778

Ion Ratio Lower Upper

91 100

126 28.9 0.0 57.8

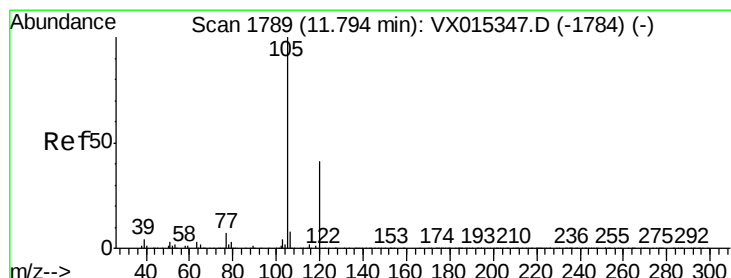
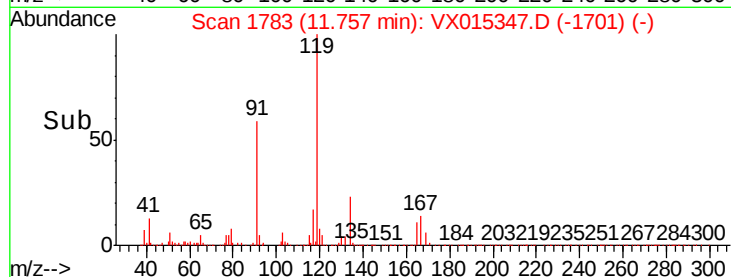
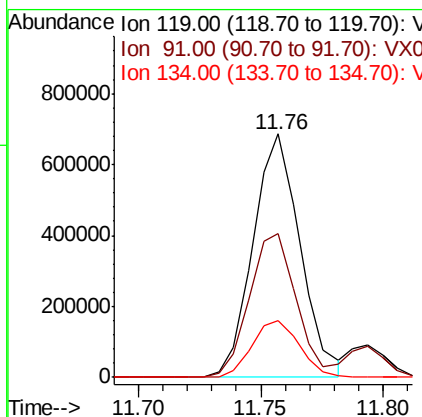
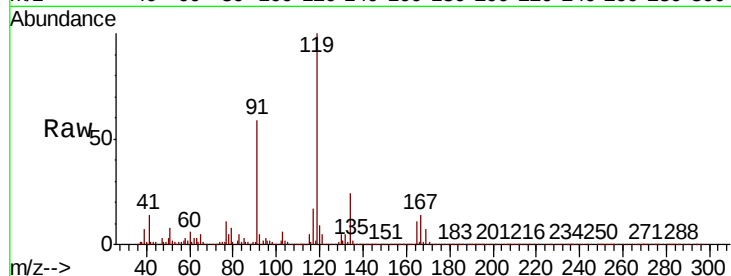




#79
tert-butylbenzene
Concen: 19.928 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

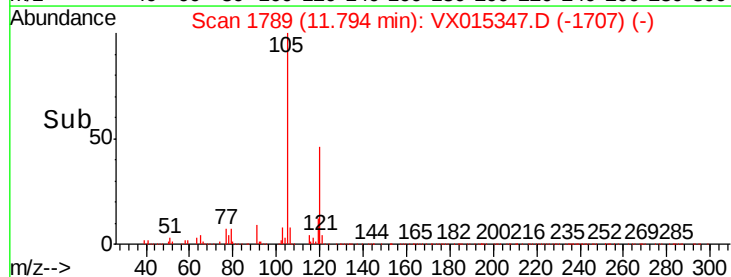
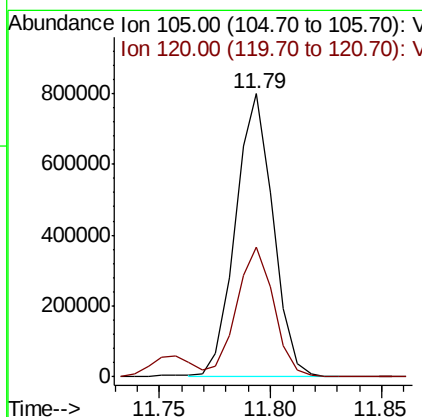
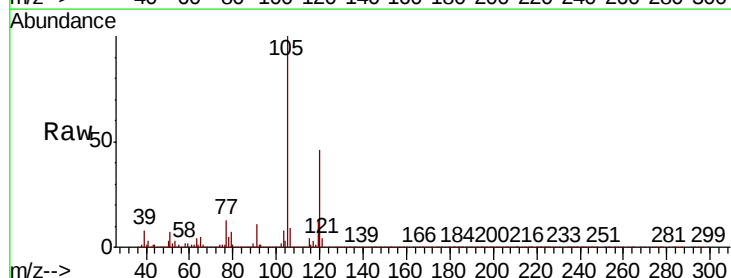
Instrument :
MSVOA_X
ClientSampled :

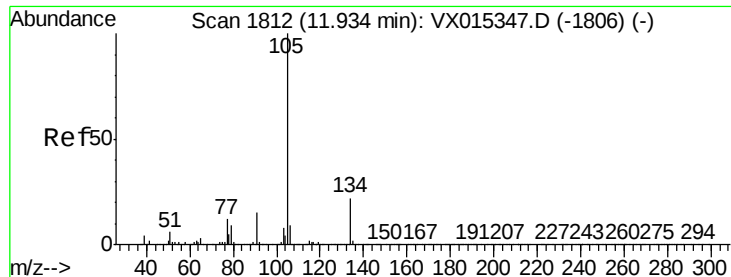
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	0.0	115.8
134	23.5	0.0	47.0



#80
1,2,4-Trimethylbenzene
Concen: 19.479 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	0.0	91.0

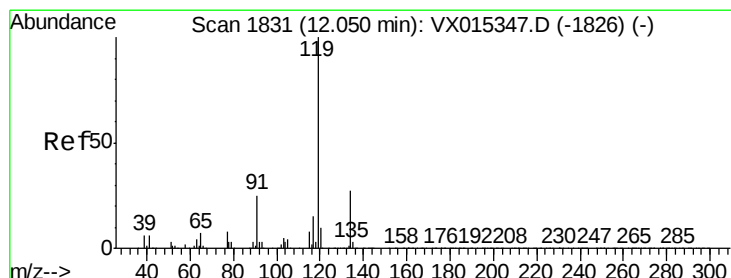
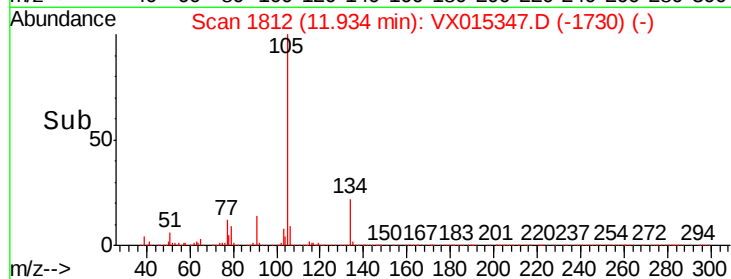
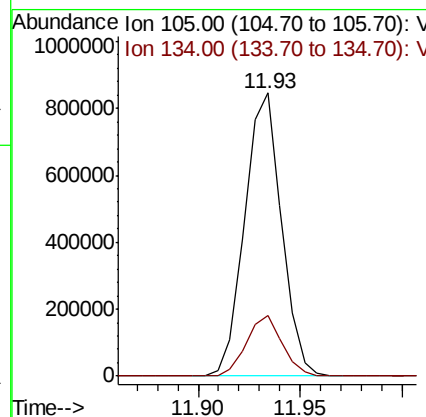
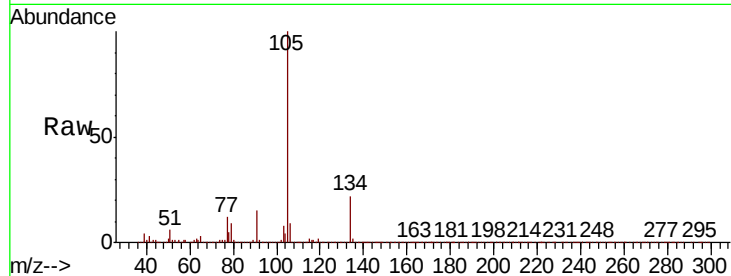




#81
 sec-Butylbenzene
 Concen: 18.815 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

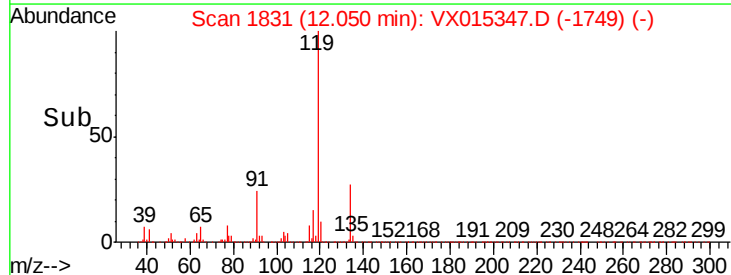
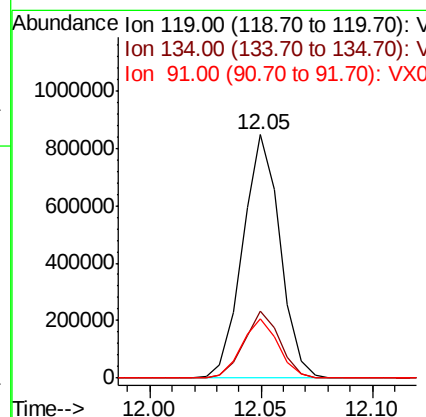
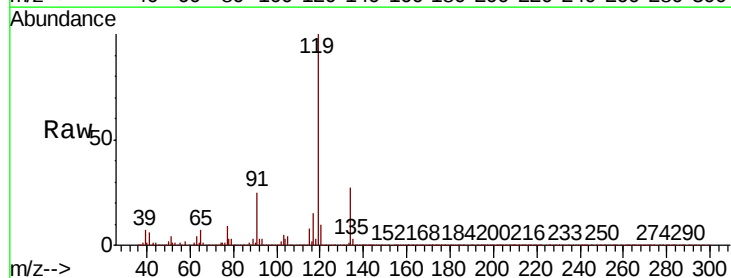
Instrument :
 MSVOA_X
 ClientSampleId :

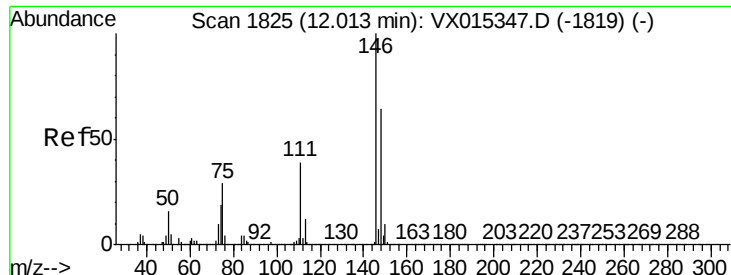
Tot Ion:105 Resp: 1058822
 Ion Ratio Lower Upper
 105 100
 134 20.8 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 18.968 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

Tgt Ion:119 Resp: 981704
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 53.2
 91 24.1 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 18.425 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

ClientSampleId :

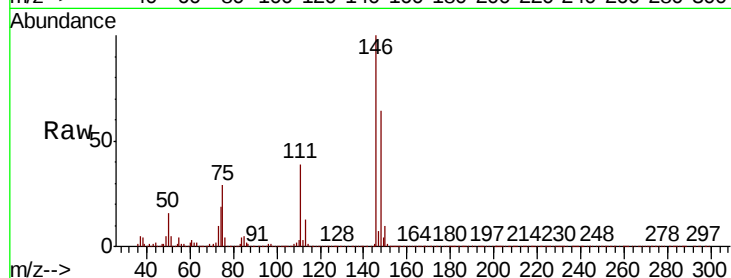
Tot Ion:146 Resp: 499081

Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.2

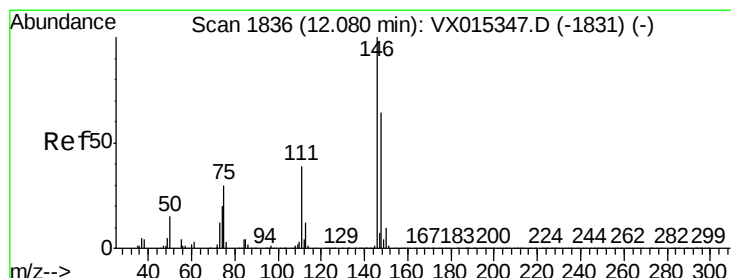
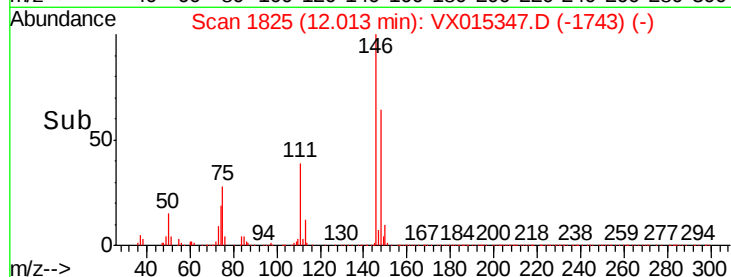
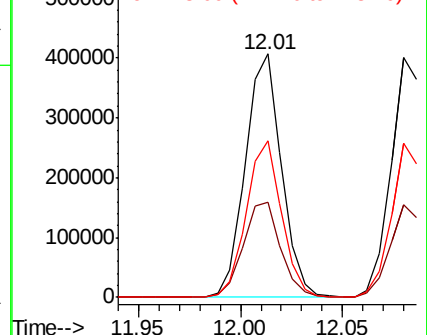
148 62.8 31.4 94.2



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: 18.479 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

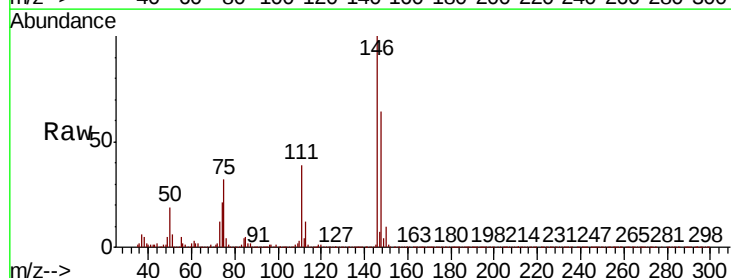
Tgt Ion:146 Resp: 502323

Ion Ratio Lower Upper

146 100

111 38.0 18.9 56.9

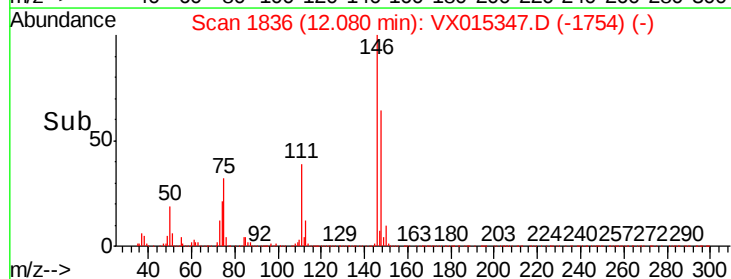
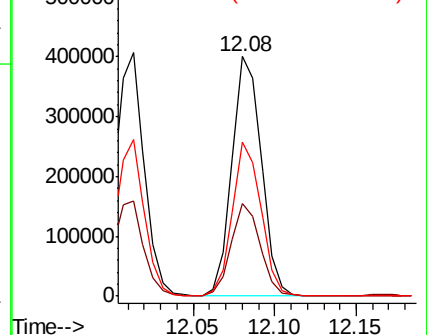
148 62.9 31.4 94.3

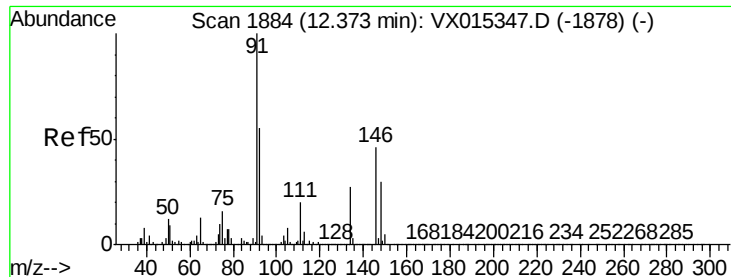


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

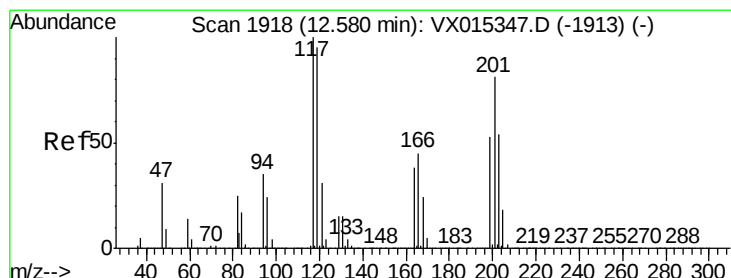
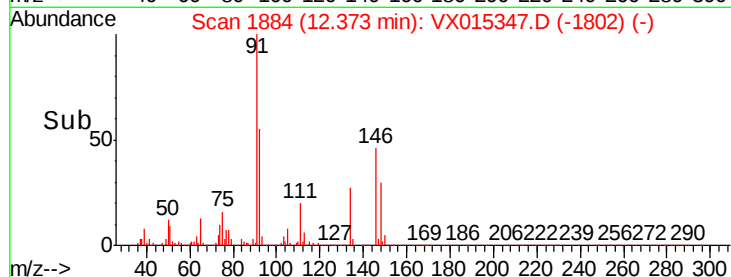
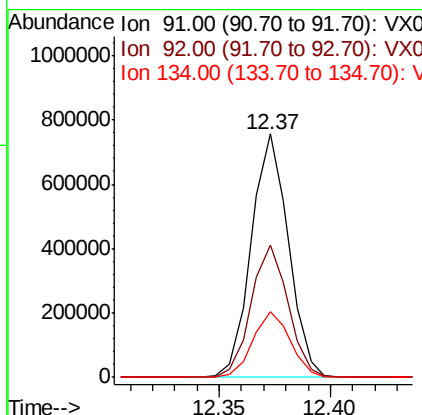
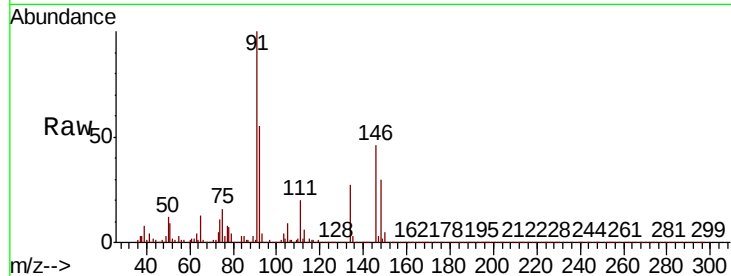




#85
n-Butylbenzene
Concen: 19.287 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

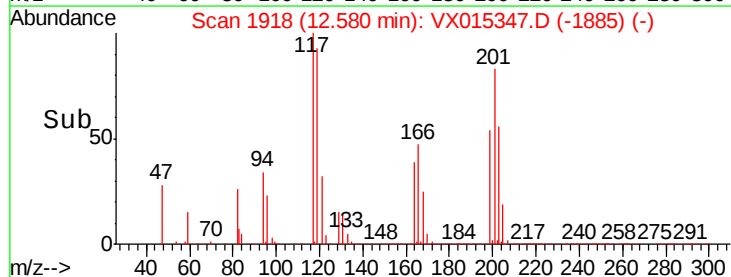
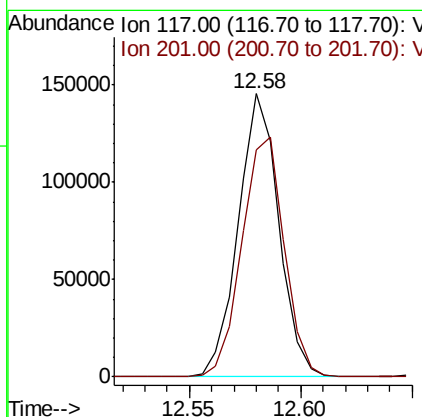
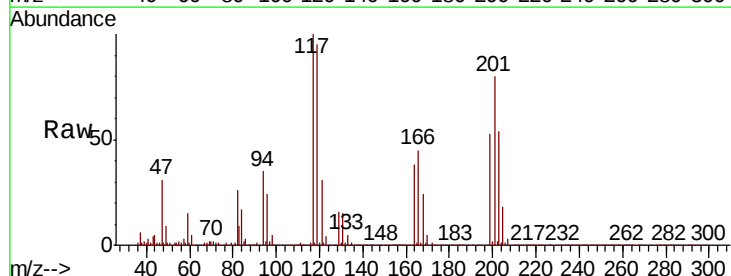
Instrument :
MSVOA_X
ClientSampleId :

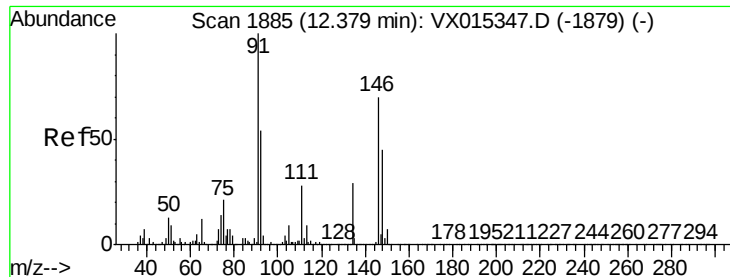
Tot Ion: 91 Resp: 879685
Ion Ratio Lower Upper
91 100
92 54.5 0.0 109.0
134 27.0 0.0 54.0



#86
Hexachloroethane
Concen: 19.807 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion: 117 Resp: 183177
Ion Ratio Lower Upper
117 100
201 89.7 44.9 134.5





#87

1,2-Dichlorobenzene

Concen: 18.598 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

Instrument :

MSVOA_X

ClientSampled :

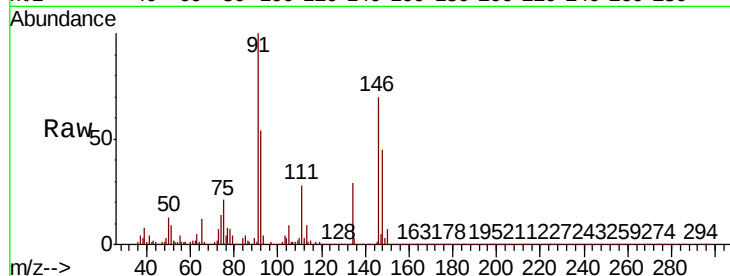
Tot Ion:146 Resp: 492406

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.2

148 63.9 31.9 95.9

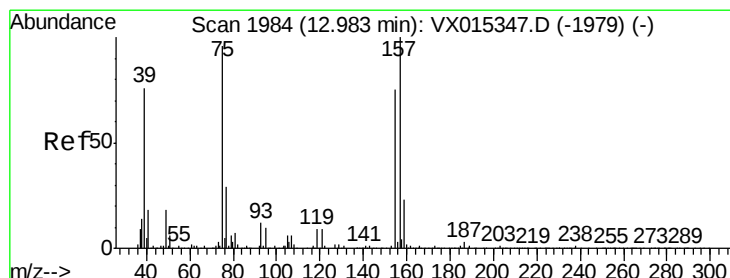
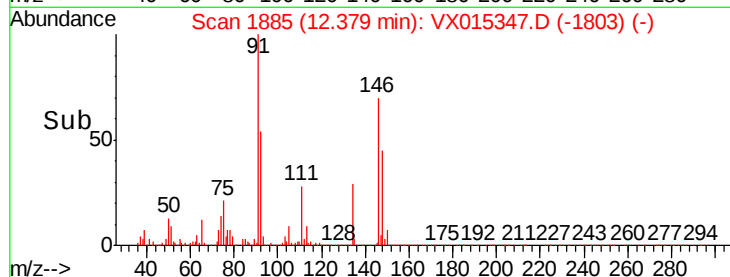
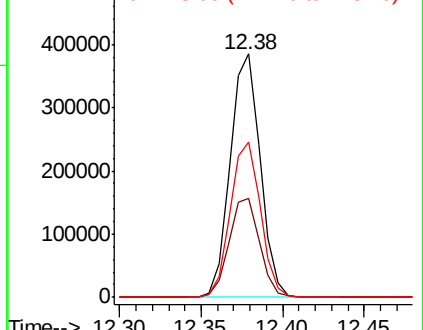


Abundance

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



#88

1,2-Dibromo-3-Chloropropane

Concen: 22.852 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015347.D

Acq: 25 Mar 2020 18:31

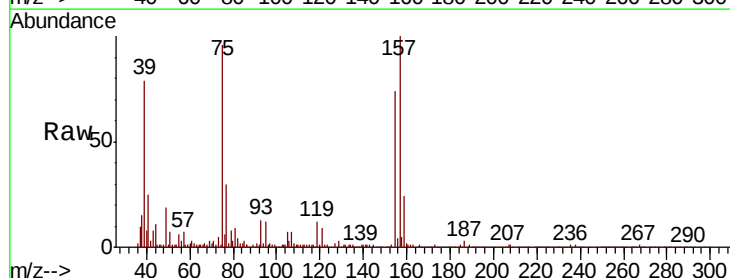
Tgt Ion: 75 Resp: 91341

Ion Ratio Lower Upper

75 100

155 84.1 67.7 101.5

157 109.7 88.5 132.7

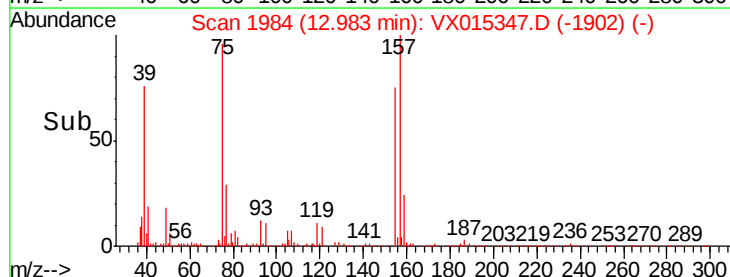
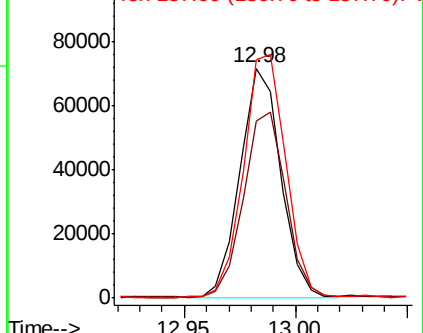


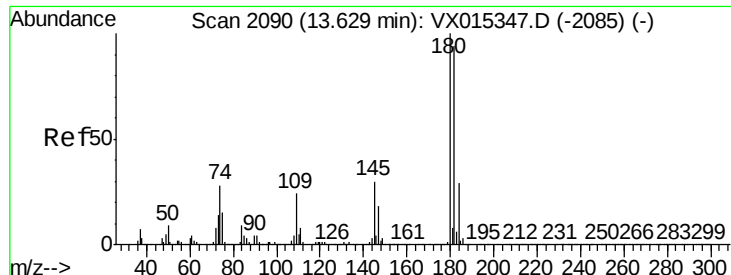
Abundance

Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

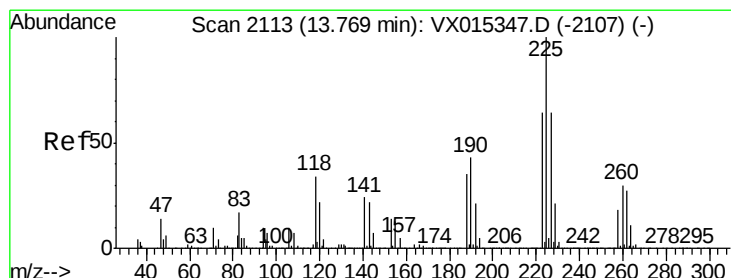
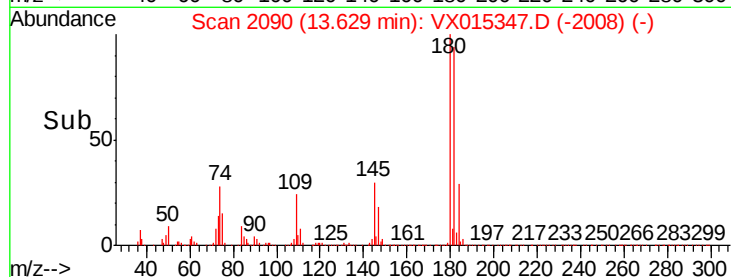
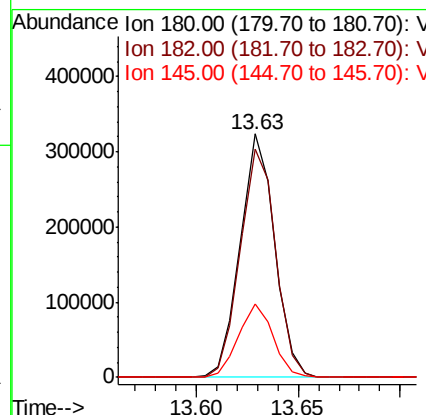
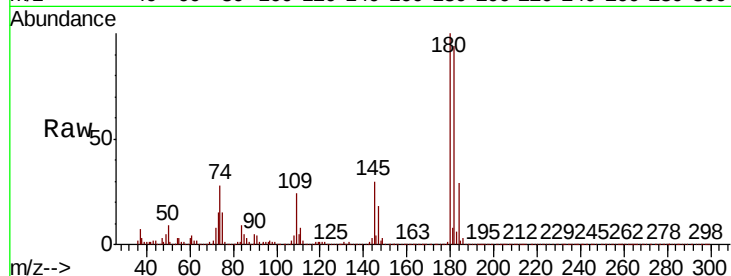




#89
 1,2,4-Trichlorobenzene
 Concen: 19.070 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

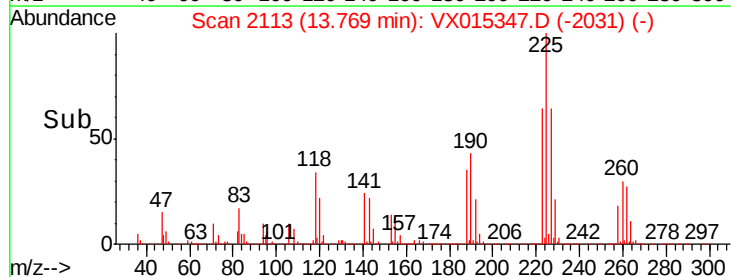
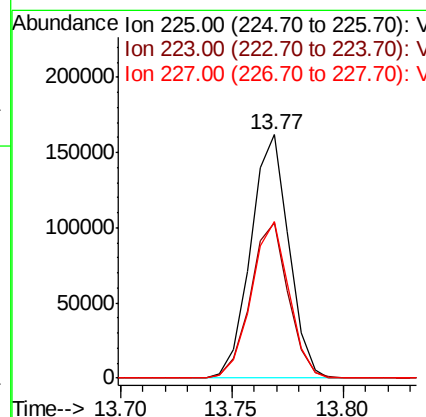
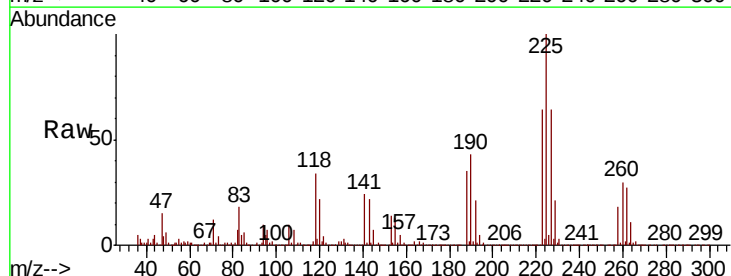
Instrument :
 MSVOA_X
 ClientSampleId :

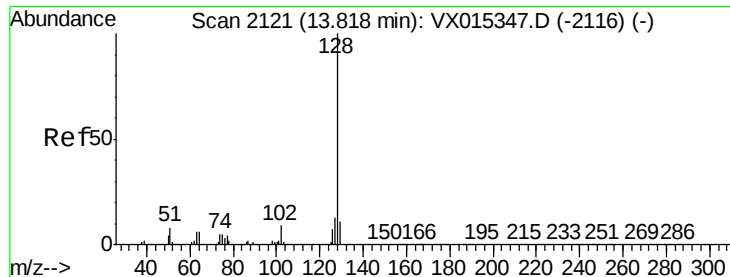
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.9	115.3
145	30.4	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 19.111 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015347.D
 Acq: 25 Mar 2020 18:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	0.0	127.0
227	63.4	0.0	126.8

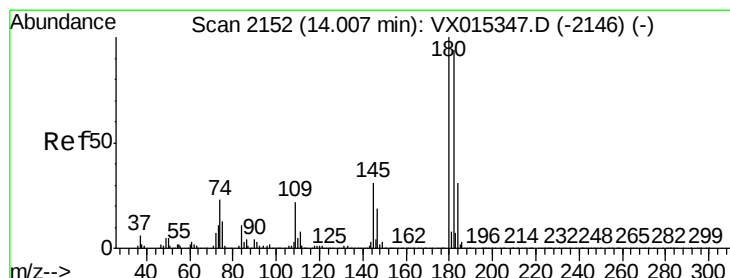
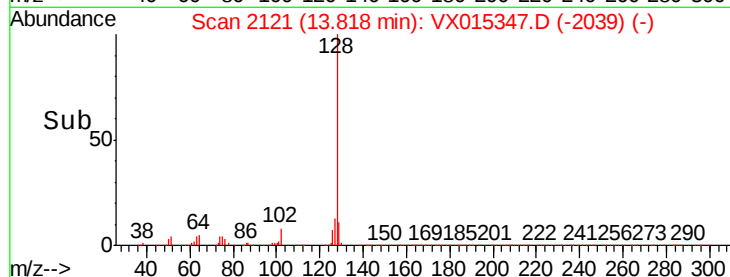
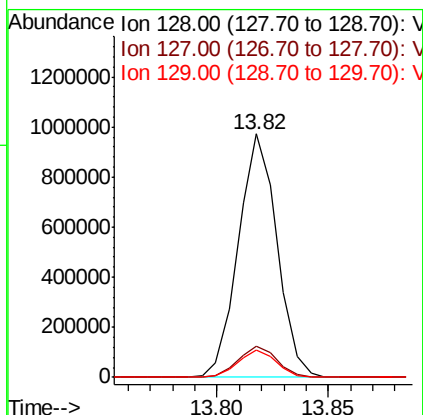
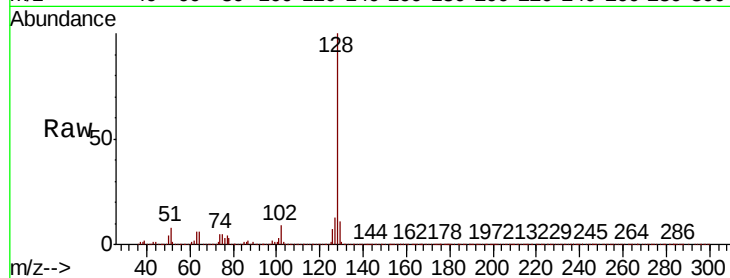




#91
Naphthalene
Concen: 20.982 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1176874
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.154 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015347.D
Acq: 25 Mar 2020 18:31

Tgt Ion:180 Resp: 381887
Ion Ratio Lower Upper
180 100
182 95.5 0.0 191.0
145 31.1 0.0 62.2

