

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015085.D
 Acq On : 04 Mar 2020 13:59
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

Quant Time: Mar 05 07:40:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	408344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	605864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	560887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	292076	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	231631	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	5.48	113	191579	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.71	98	738849	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.13	95	265413	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	174865	48.903	ug/l	100
3) Chloromethane	1.32	50	240909	47.562	ug/l	100
4) Vinyl Chloride	1.40	62	237717	46.284	ug/l	100
5) Bromomethane	1.63	94	148514	47.034	ug/l	100
6) Chloroethane	1.72	64	149123	48.402	ug/l	99
7) Trichlorofluoromethane	1.92	101	294294	48.156	ug/l	100
8) Diethyl Ether	2.18	74	131715	47.585	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	186454	48.493	ug/l	98
10) Methyl Iodide	2.50	142	207798	47.836	ug/l	99
11) Tert butyl alcohol	3.03	59	216678	257.792	ug/l	100
12) 1,1-Dichloroethene	2.36	96	188327	47.459	ug/l	98
13) Acrolein	2.28	56	185333	234.633	ug/l	99
14) Allyl chloride	2.72	41	336384	48.616	ug/l	99
15) Acrylonitrile	3.12	53	520230	248.531	ug/l	100
16) Acetone	2.43	43	501149	255.438	ug/l	100
17) Carbon Disulfide	2.56	76	518604	47.060	ug/l	100
18) Methyl Acetate	2.76	43	221907	46.257	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	616709	49.734	ug/l	98
20) Methylene Chloride	2.84	84	207865	45.272	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	203231	47.965	ug/l	99
22) Diisopropyl ether	3.84	45	678457	49.217	ug/l	99
23) Vinyl Acetate	3.80	43	2930083	258.577	ug/l	100
24) 1,1-Dichloroethane	3.69	63	365722	47.801	ug/l	100
25) 2-Butanone	4.65	43	748454	260.581	ug/l	100
26) 2,2-Dichloropropane	4.57	77	303098	49.904	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	230918	48.579	ug/l	99
28) Bromochloromethane	5.00	49	163255	46.860	ug/l	100
29) Tetrahydrofuran	5.11	42	461010	248.995	ug/l	100
30) Chloroform	5.20	83	359436	48.201	ug/l	98
31) Cyclohexane	5.57	56	333462	48.864	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	303405	49.083	ug/l	99
36) 1,1-Dichloropropene	5.79	75	277524	49.549	ug/l	100
37) Ethyl Acetate	4.81	43	283248	54.518	ug/l	99
38) Carbon Tetrachloride	5.77	117	267318	50.563	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	349204	53.394	ug/l	99
40) Benzene	6.13	78	819063	49.290	ug/l	99
41) Methacrylonitrile	5.03	41	159300	51.046	ug/l	99
42) 1,2-Dichloroethane	6.18	62	289152	50.670	ug/l	100
43) Isopropyl Acetate	6.43	43	478273	52.328	ug/l	100
44) Trichloroethene	7.20	130	226812	49.011	ug/l	97
45) 1,2-Dichloropropane	7.50	63	216200	50.265	ug/l	99
46) Dibromomethane	7.65	93	139081	49.625	ug/l	100
47) Bromodichloromethane	7.89	83	281025	50.706	ug/l	97
48) Methyl methacrylate	7.76	41	234979	50.513	ug/l	99
49) 1,4-Dioxane	7.73	88	101942	1013.558	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1461017	270.358	ug/l	100
52) Toluene	8.78	92	520059	51.185	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	317080	53.751	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	350617	52.575	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	208706	49.906	ug/l	99
56) Ethyl methacrylate	9.17	69	328981	55.151	ug/l	99
57) 1,3-Dichloropropane	9.36	76	354221	50.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	916524	282.041	ug/l	99
59) 2-Hexanone	9.48	43	1120946	279.861	ug/l	99
60) Dibromochloromethane	9.57	129	226443	51.546	ug/l	99
61) 1,2-Dibromoethane	9.67	107	217863	49.598	ug/l	100
64) Tetrachloroethene	9.33	164	218911	47.205	ug/l	97
65) Chlorobenzene	10.13	112	565074	50.181	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	211354	49.776	ug/l	99
67) Ethyl Benzene	10.25	91	1010265	52.833	ug/l	99
68) m/p-Xylenes	10.35	106	766174	105.314	ug/l	100
69) o-Xylene	10.69	106	367530	52.765	ug/l	99
70) Styrene	10.71	104	631735	52.896	ug/l	100
71) Bromoform	10.85	173	170609	51.814	ug/l #	99
73) Isopropylbenzene	11.01	105	983104	52.691	ug/l	100
74) N-amyl acetate	10.89	43	430149	54.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	312346	50.232	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	361746	62.091	ug/l	80
77) Bromobenzene	11.25	156	255276	49.094	ug/l	100
78) n-propylbenzene	11.35	91	1137045	53.342	ug/l	100
79) 2-Chlorotoluene	11.42	91	660316	51.871	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	823846	53.042	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110393	53.775	ug/l	97
82) 4-Chlorotoluene	11.51	91	772347	51.354	ug/l	100
83) tert-Butylbenzene	11.76	119	818968	54.531	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	839893	53.827	ug/l	100
85) sec-Butylbenzene	11.94	105	968371	53.413	ug/l	100
86) p-Isopropyltoluene	12.06	119	903481	54.090	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	457729	50.075	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	461008	48.850	ug/l	99
89) n-Butylbenzene	12.39	91	806512	54.289	ug/l	99
90) Hexachloroethane	12.59	117	160819	50.927	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	452267	49.765	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	67270	54.026	ug/l	97

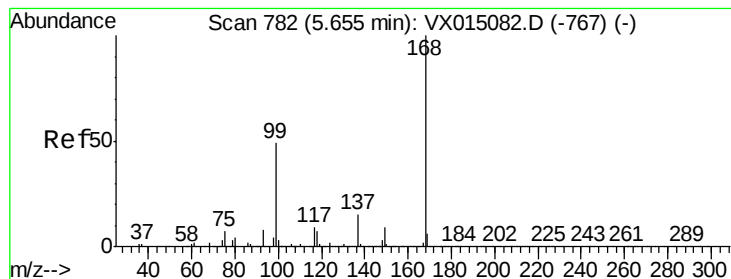
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QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	327986	51.993	ug/l	99
94) Hexachlorobutadiene	13.78	225	163838	50.613	ug/l	99
95) Naphthalene	13.83	128	959532	49.642	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	330184	52.460	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

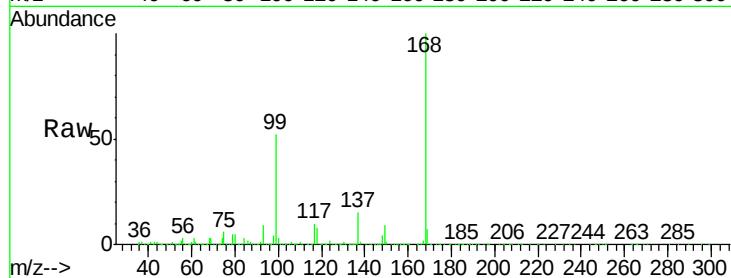
ICVVX030420

Tgt Ion:168 Resp: 408344

Ion Ratio Lower Upper

168 100

99 52.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

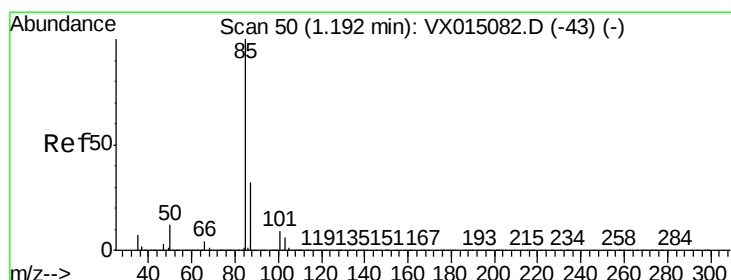
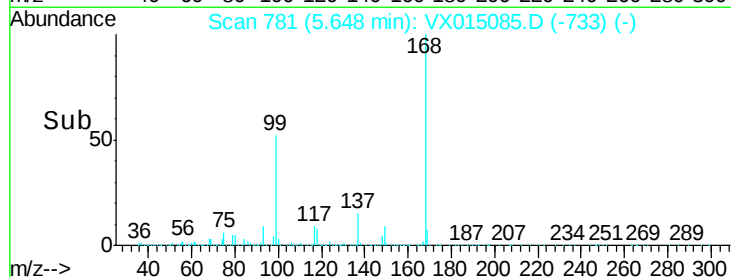
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.903 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015085.D

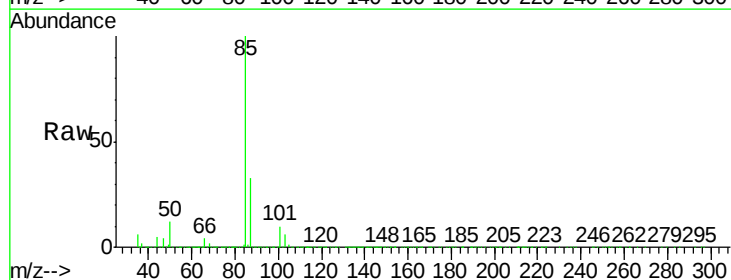
Acq: 04 Mar 2020 13:59

Tgt Ion: 85 Resp: 174865

Ion Ratio Lower Upper

85 100

87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

150000

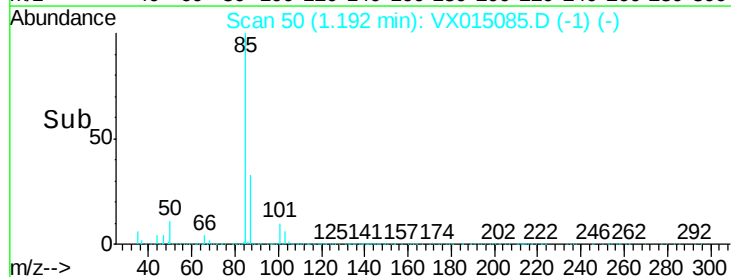
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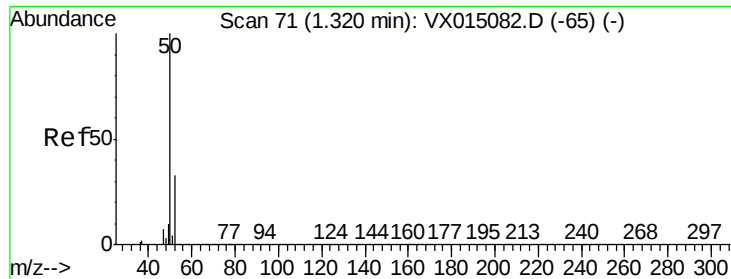
50000

0

1.10 1.20 1.30

Time-->

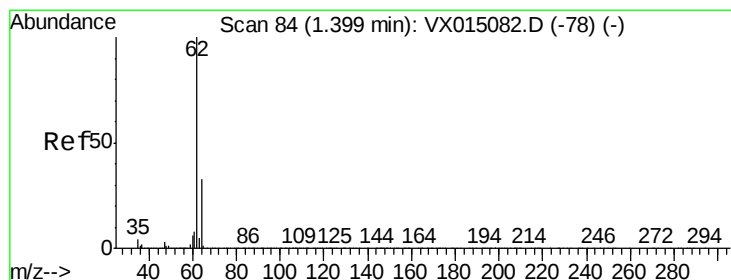
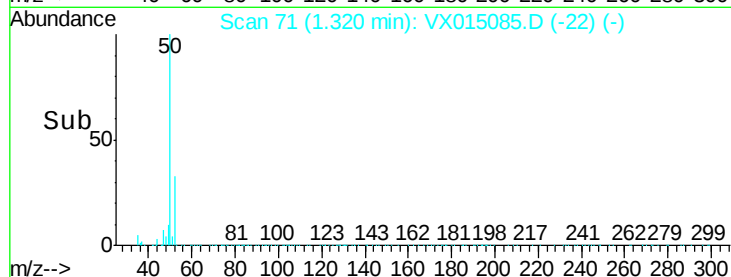
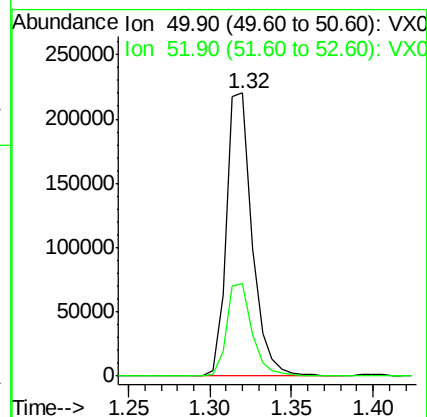
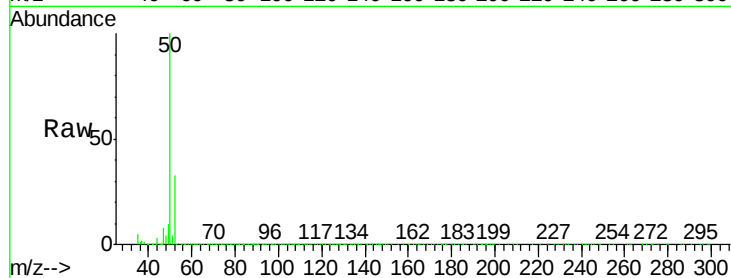




#3
 Chloromethane
 Concen: 47.562 ug/l
 RT: 1.32 min Scan# 71
 Delta R.T. -0.00 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

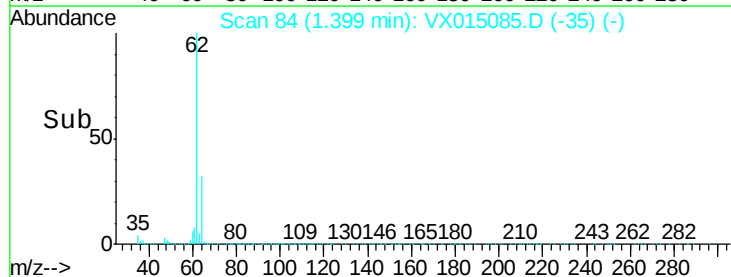
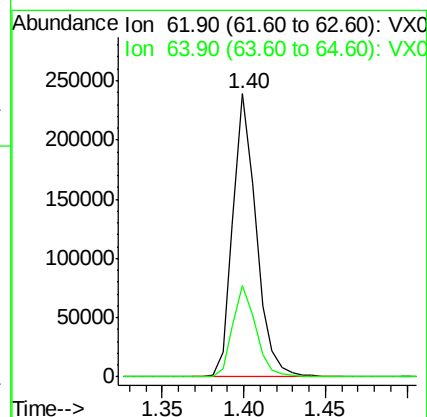
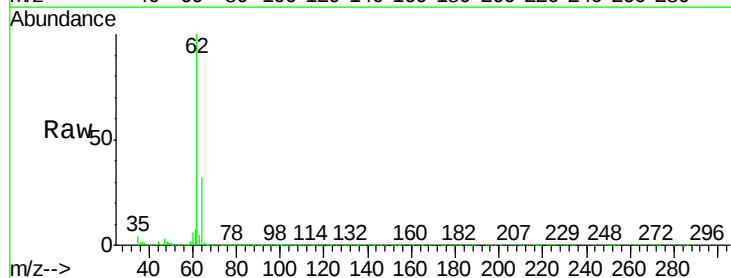
Instrument :
 MSVOA_X
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 ICVVX030420

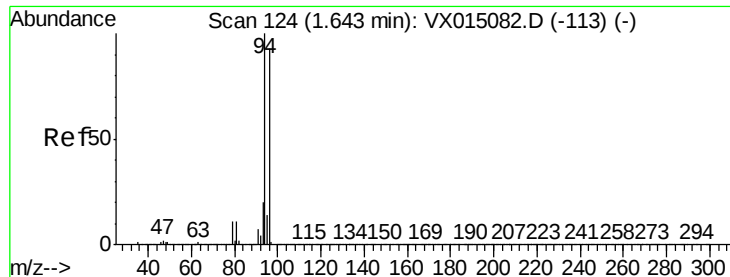
Tgt Ion: 50 Resp: 240909
 Ion Ratio Lower Upper
 50 100
 52 32.9 26.2 39.2



#4
 Vinyl Chloride
 Concen: 46.284 ug/l
 RT: 1.40 min Scan# 84
 Delta R.T. -0.00 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion: 62 Resp: 237717
 Ion Ratio Lower Upper
 62 100
 64 32.4 26.1 39.1





#5

Bromomethane

Concen: 47.034 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

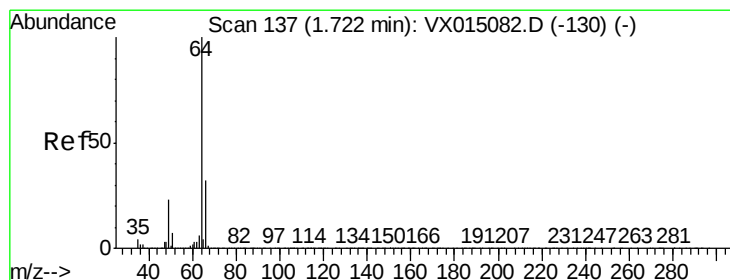
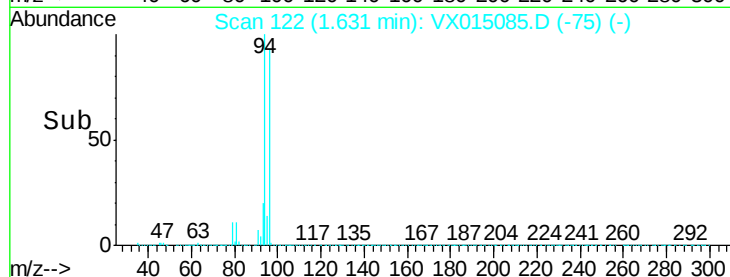
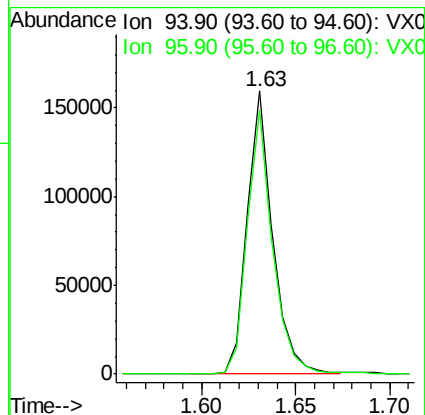
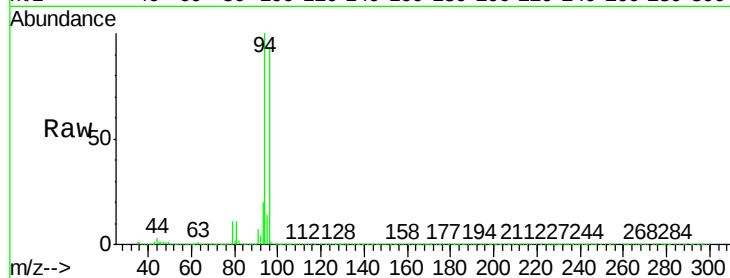
ICVVX030420

Tgt Ion: 94 Resp: 148514

Ion Ratio Lower Upper

94 100

96 93.5 74.6 111.8



#6

Chloroethane

Concen: 48.402 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015085.D

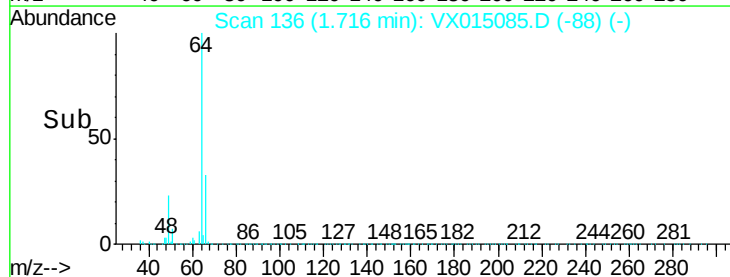
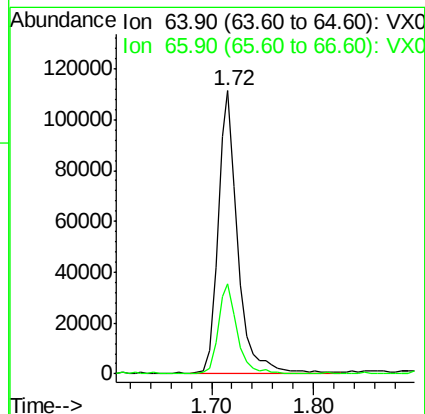
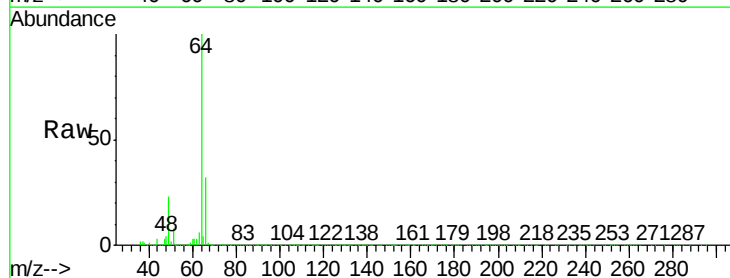
Acq: 04 Mar 2020 13:59

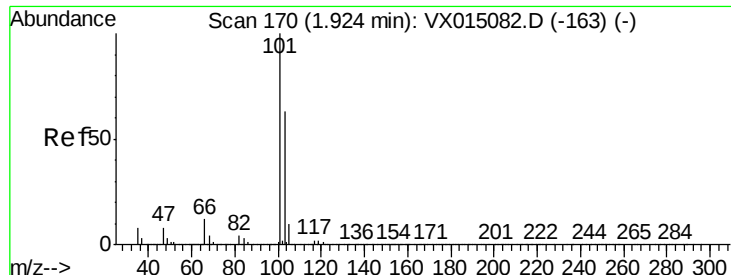
Tgt Ion: 64 Resp: 149123

Ion Ratio Lower Upper

64 100

66 31.9 25.8 38.8



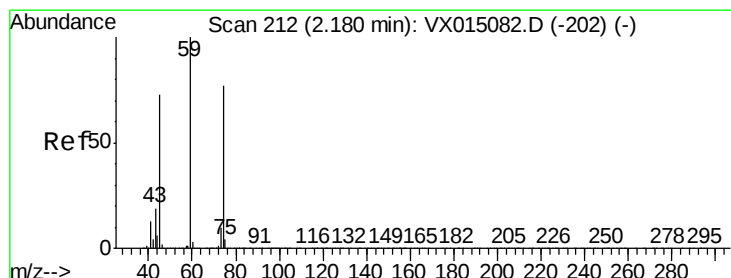
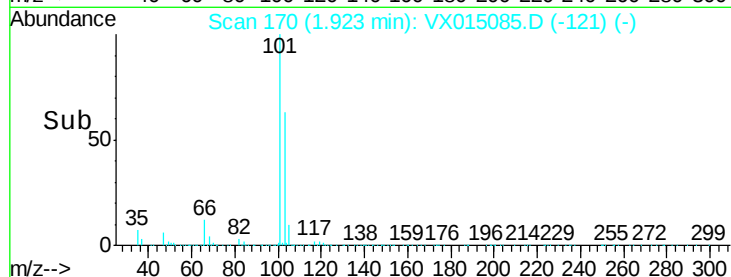
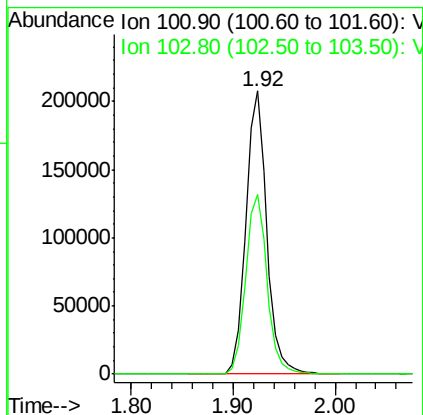
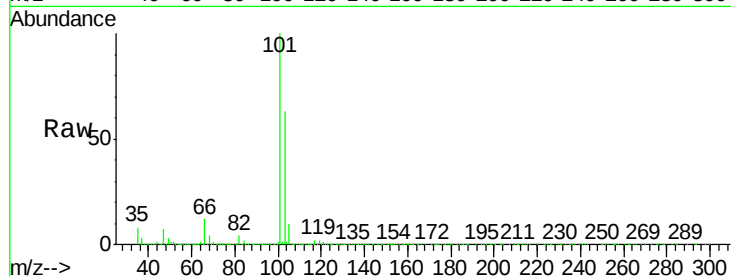


#7

Trichlorofluoromethane
Concen: 48.156 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015085.D
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MSVOA_X
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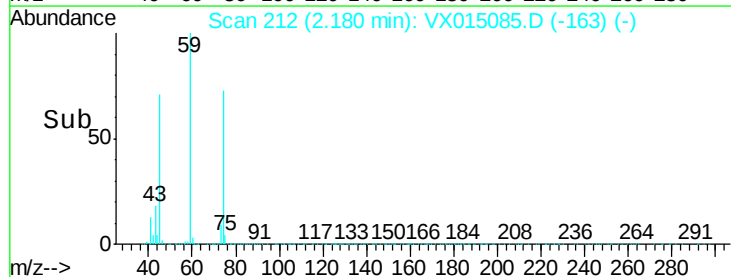
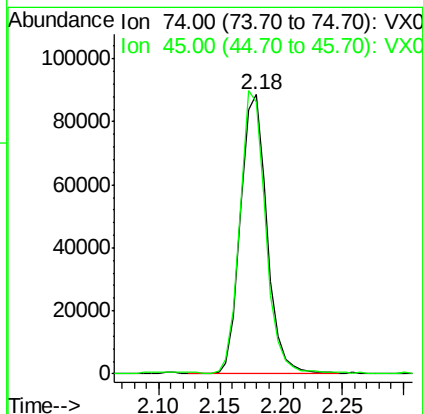
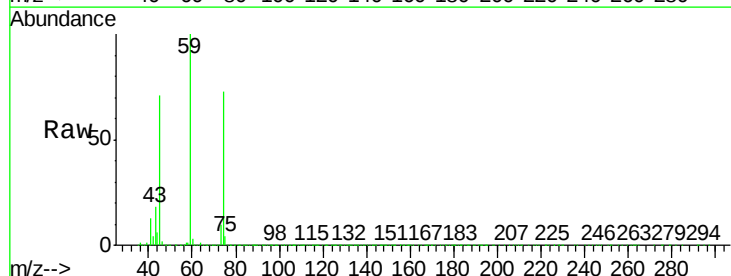
Tgt Ion:101 Resp: 294294
Ion Ratio Lower Upper
101 100
103 63.3 50.4 75.6

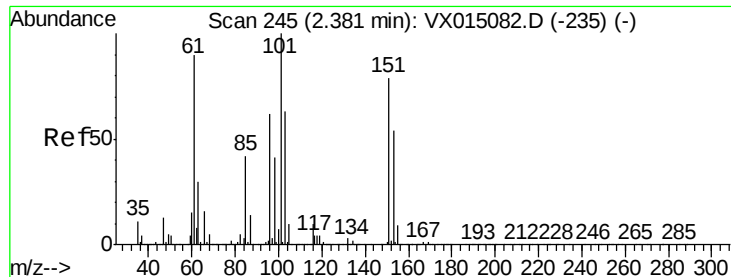


#8

Diethyl Ether
Concen: 47.585 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 74 Resp: 131715
Ion Ratio Lower Upper
74 100
45 98.2 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.493 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

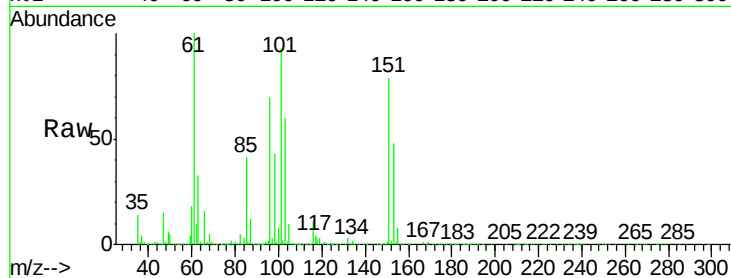
Tgt Ion:101 Resp: 186454

Ion Ratio Lower Upper

101 100

85 42.4 33.7 50.5

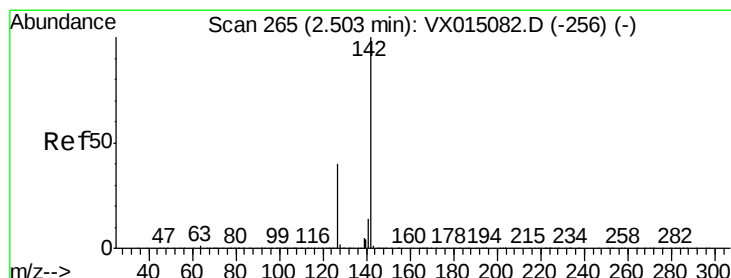
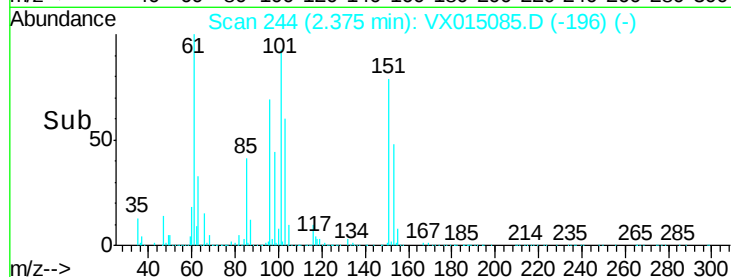
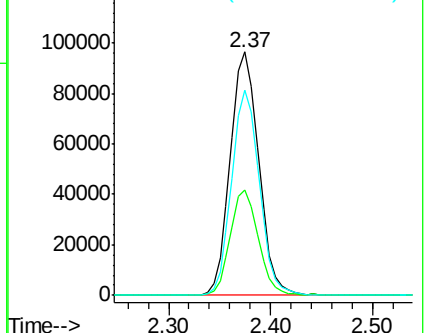
151 82.2 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.836 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

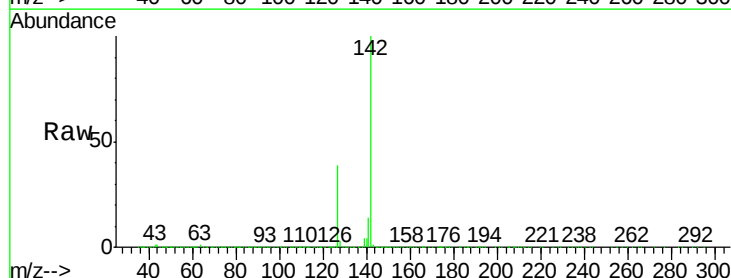
Tgt Ion:142 Resp: 207798

Ion Ratio Lower Upper

142 100

127 40.4 31.7 47.5

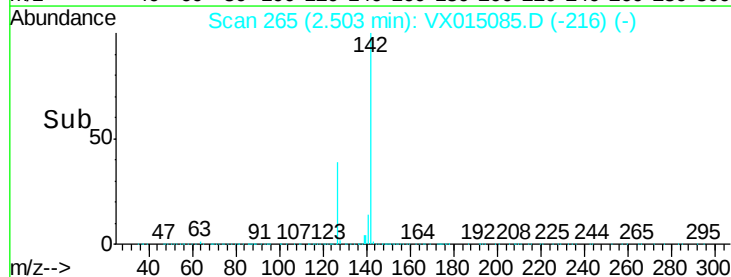
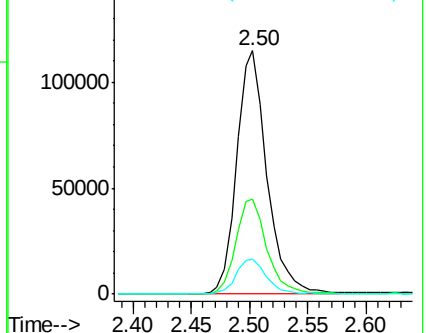
141 14.8 11.3 16.9

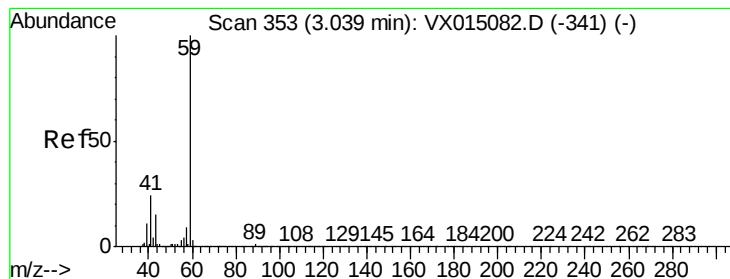


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



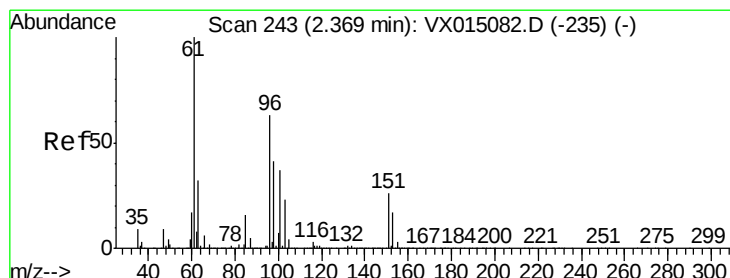
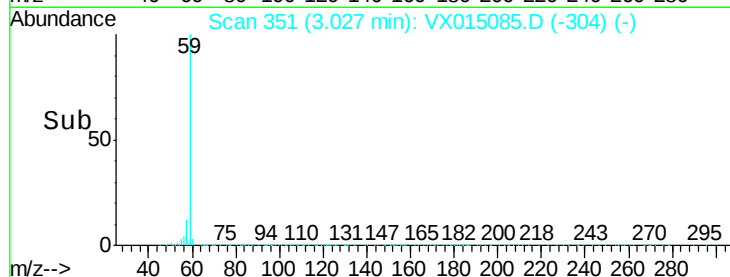
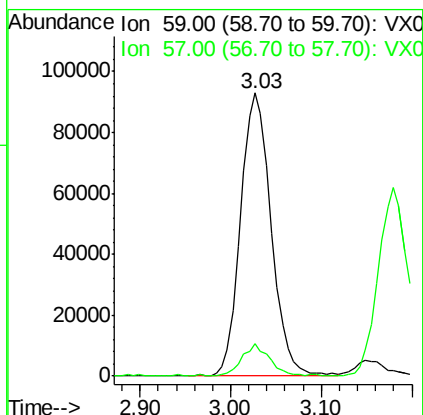
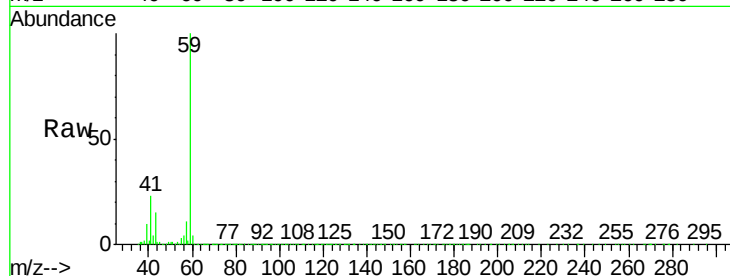


#11

Tert butyl alcohol
 Concen: 257.792 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

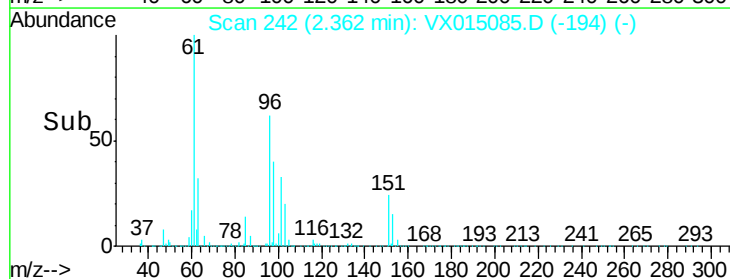
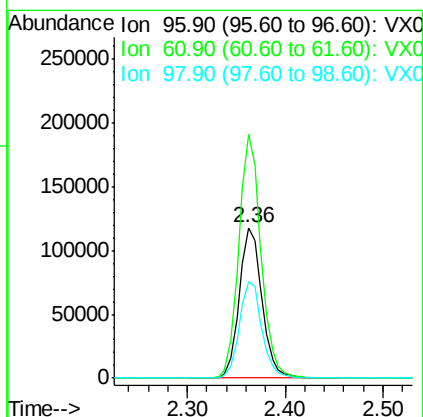
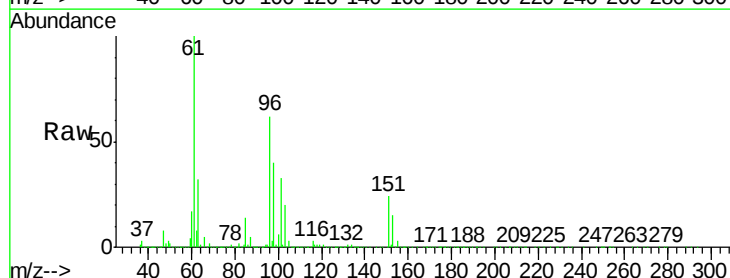
Tgt Ion: 59 Resp: 216678
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

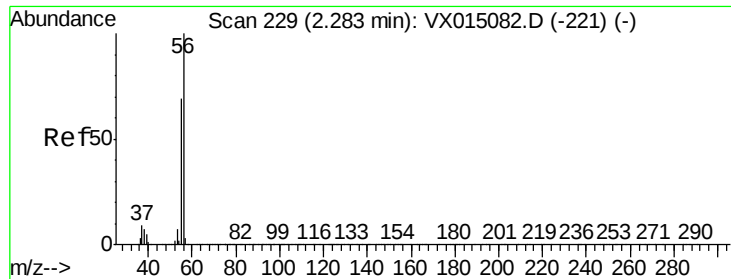


#12

1,1-Dichloroethene
 Concen: 47.459 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion: 96 Resp: 188327
 Ion Ratio Lower Upper
 96 100
 61 161.6 126.2 189.4
 98 64.0 51.4 77.0

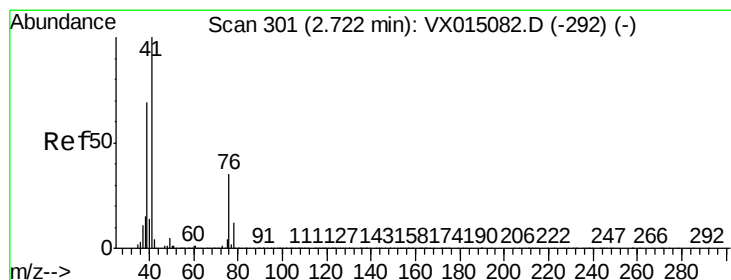
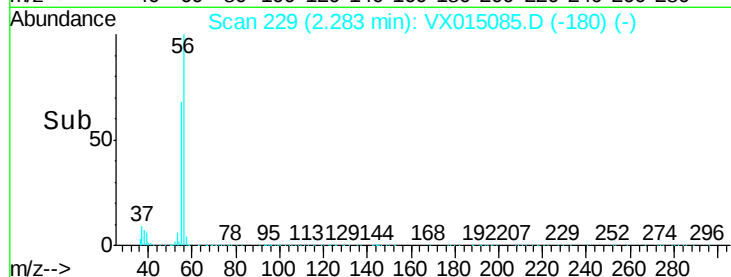
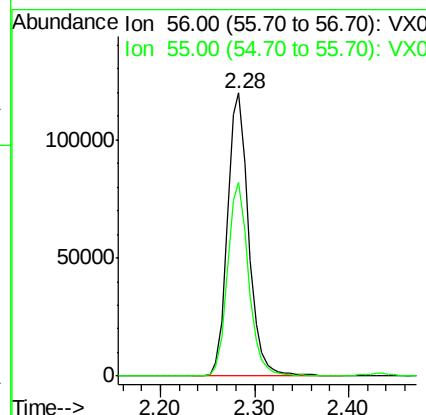
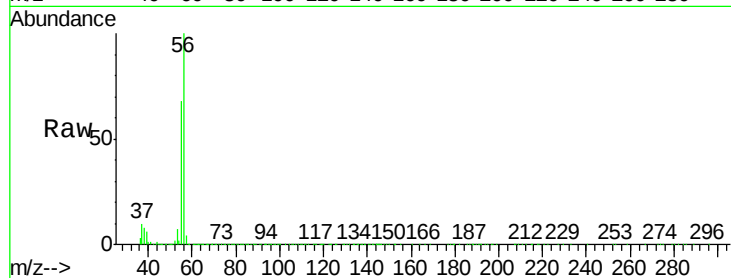




#13
Acrolein
Concen: 234.633 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

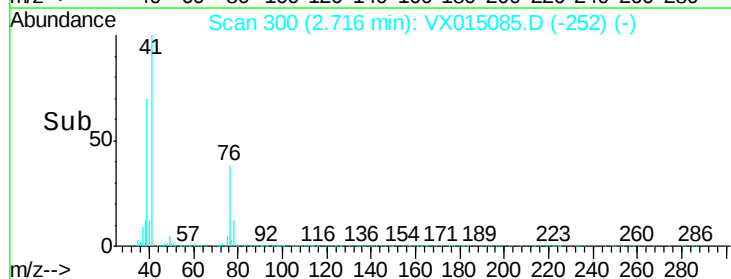
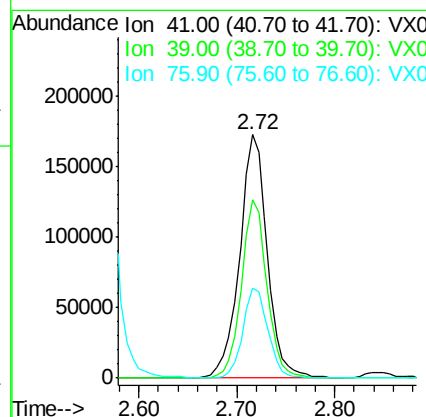
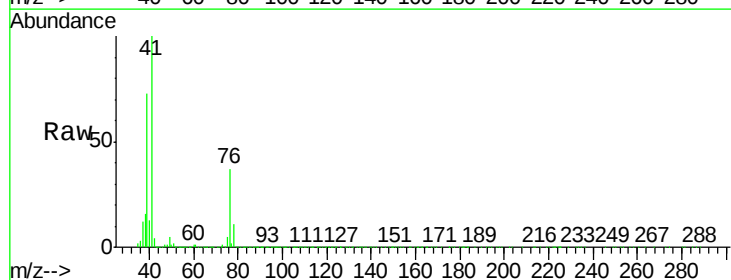
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

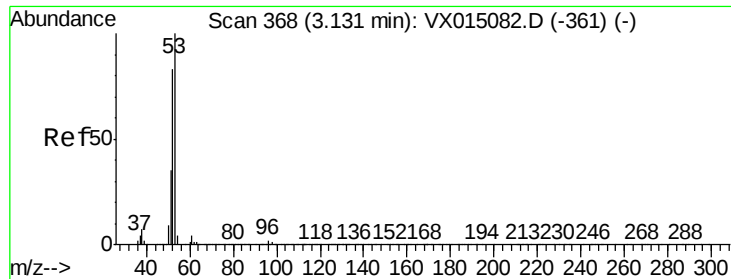
Tgt Ion: 56 Resp: 185333
Ion Ratio Lower Upper
56 100
55 68.2 55.4 83.0



#14
Allyl chloride
Concen: 48.616 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 41 Resp: 336384
Ion Ratio Lower Upper
41 100
39 67.6 52.9 79.3
76 33.4 26.8 40.2

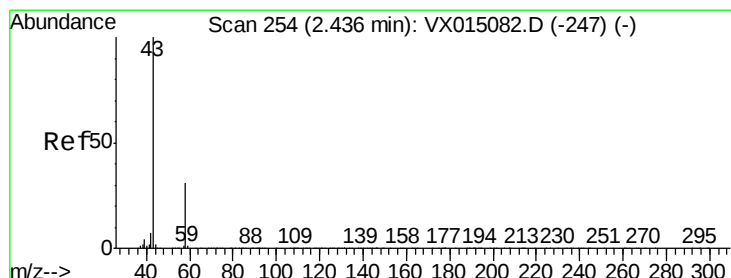
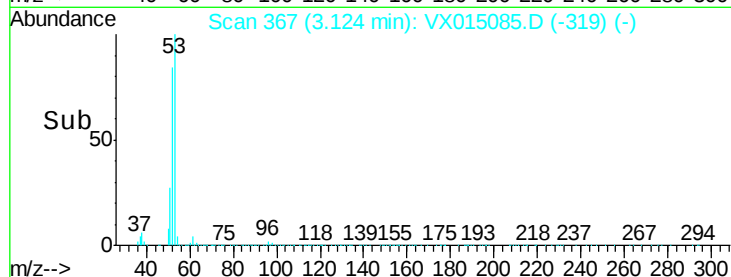
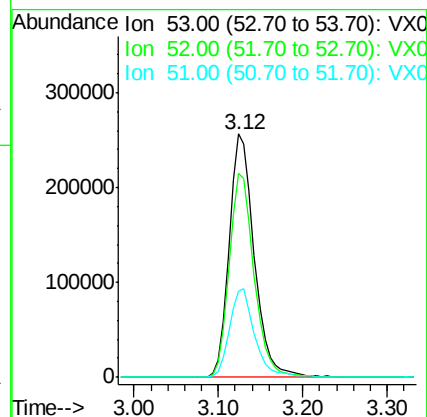
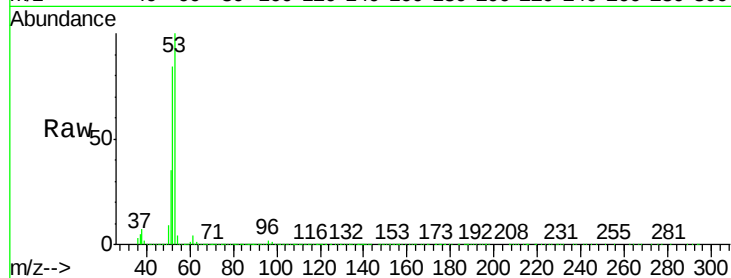




#15
Acrylonitrile
Concen: 248.531 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

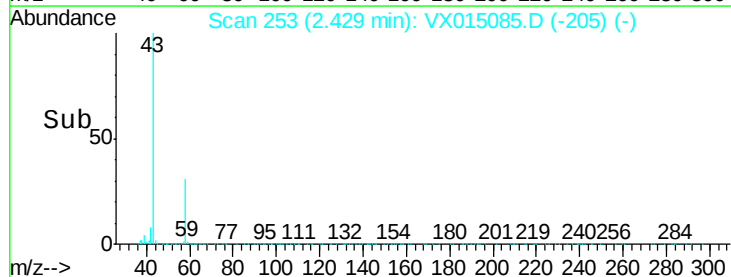
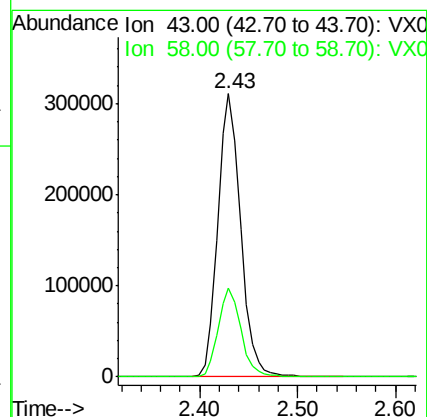
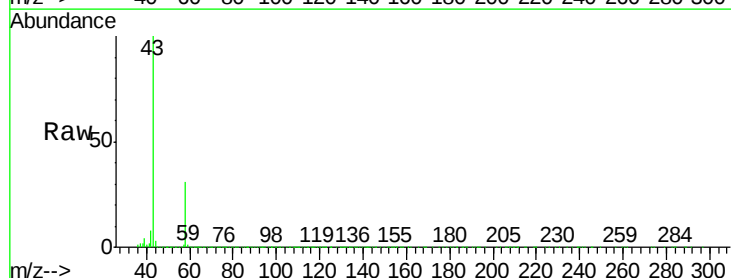
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

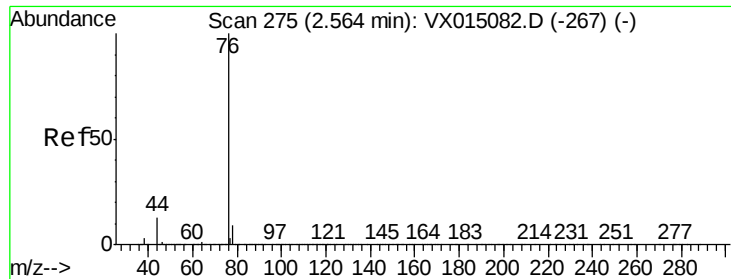
Tgt Ion: 53 Resp: 520230
Ion Ratio Lower Upper
53 100
52 83.3 66.6 100.0
51 36.4 29.0 43.6



#16
Acetone
Concen: 255.438 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 43 Resp: 501149
Ion Ratio Lower Upper
43 100
58 31.2 24.8 37.2

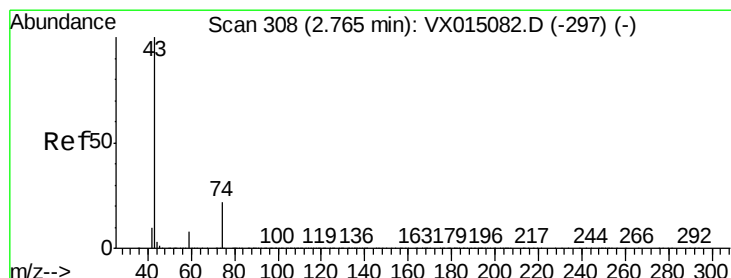
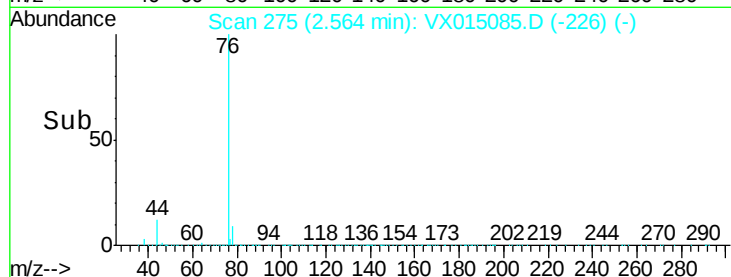
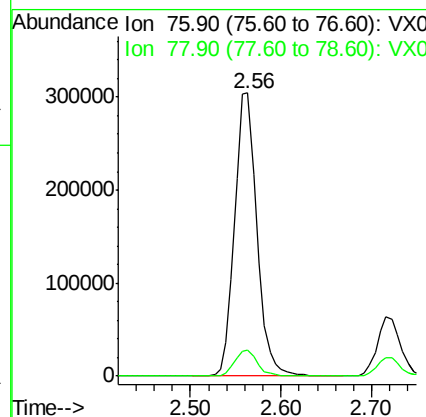
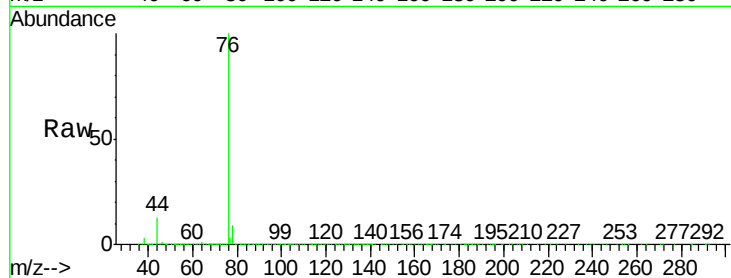




#17
Carbon Disulfide
Concen: 47.060 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

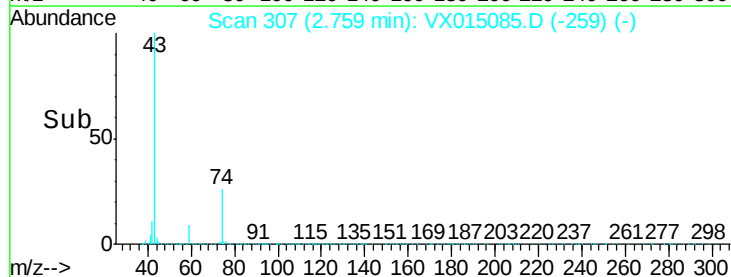
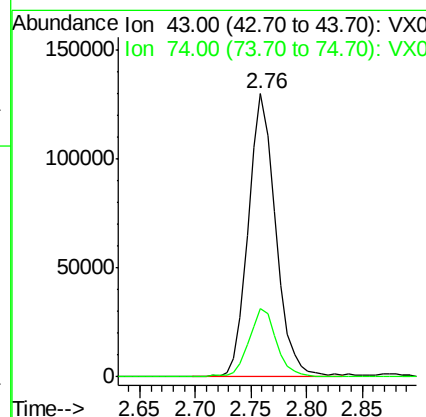
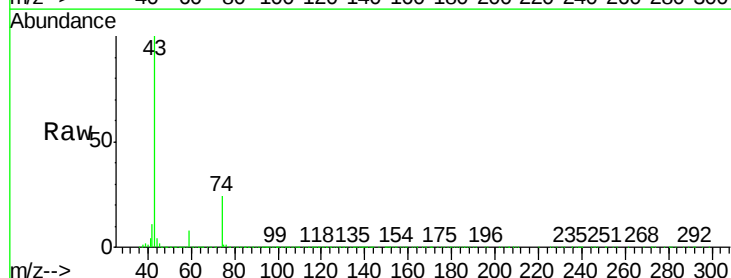
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

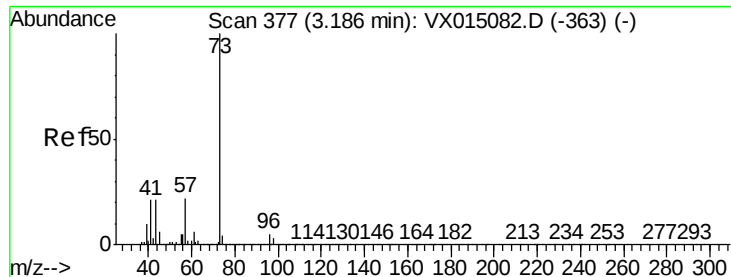
Tgt Ion: 76 Resp: 518604
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 46.257 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 43 Resp: 221907
Ion Ratio Lower Upper
43 100
74 24.9 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 49.734 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

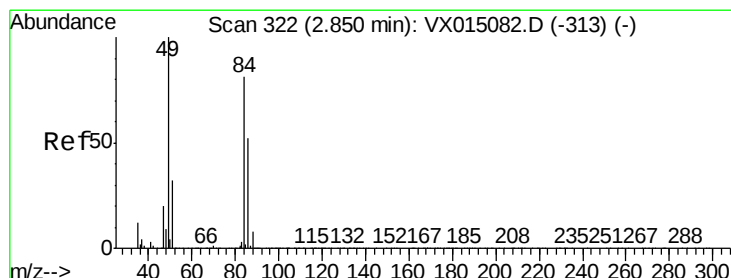
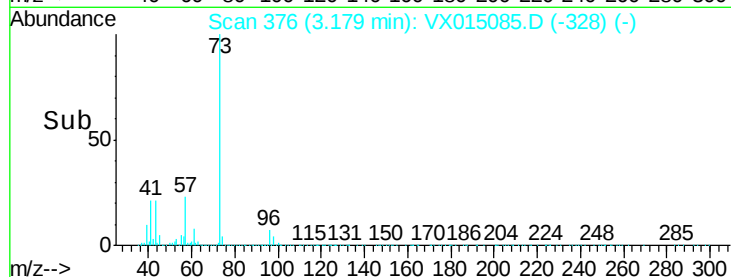
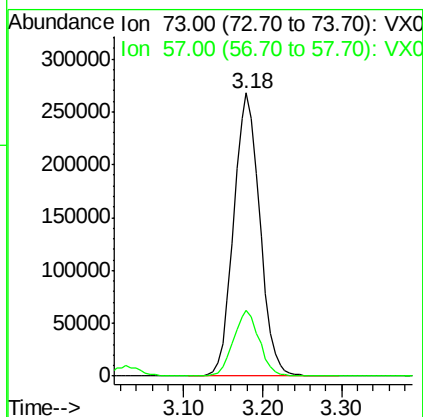
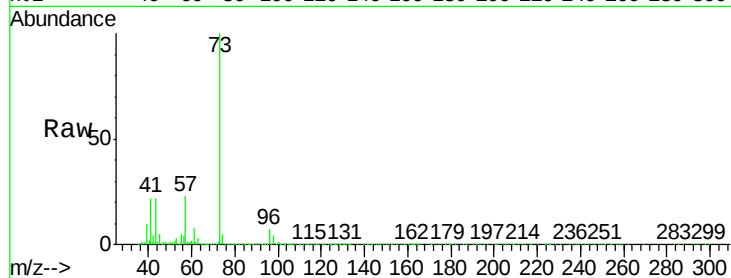
ICVVX030420

Tgt Ion: 73 Resp: 616709

Ion Ratio Lower Upper

73 100

57 23.1 17.8 26.6



#20

Methylene Chloride

Concen: 45.272 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion: 84 Resp: 207865

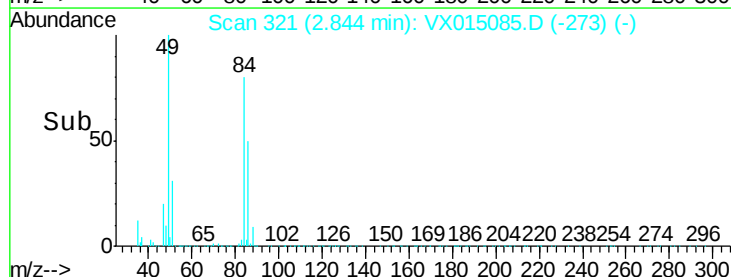
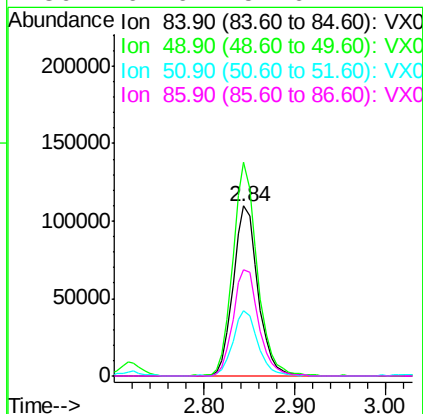
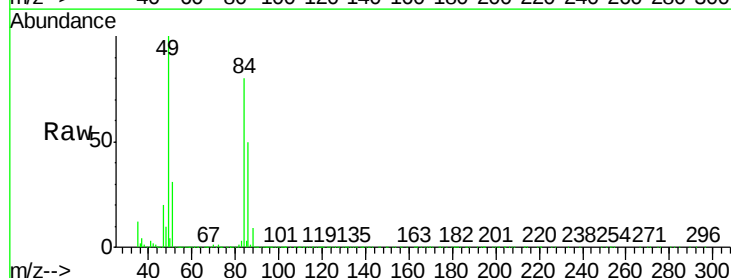
Ion Ratio Lower Upper

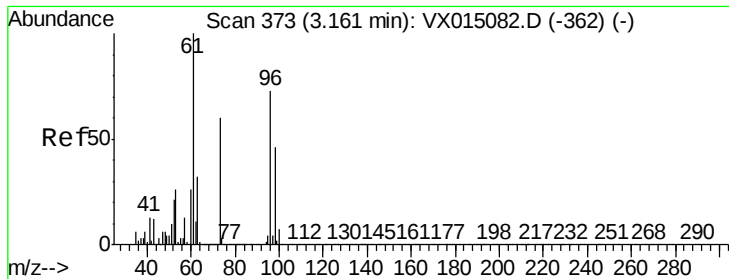
84 100

49 125.7 99.4 149.2

51 38.5 31.5 47.3

86 62.6 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 47.965 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

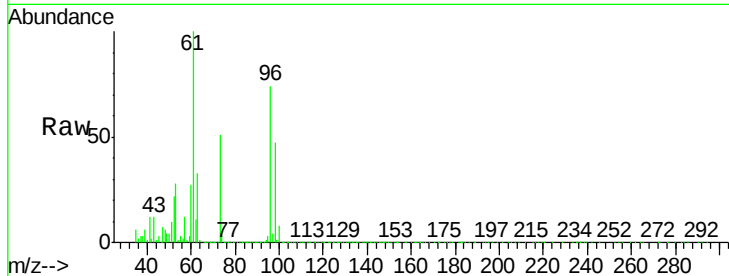
Tgt Ion: 96 Resp: 203231

Ion Ratio Lower Upper

96 100

61 135.5 109.9 164.9

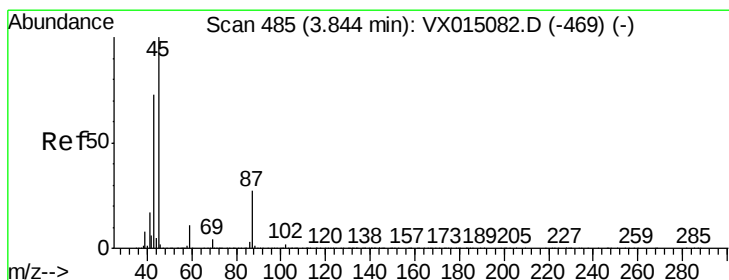
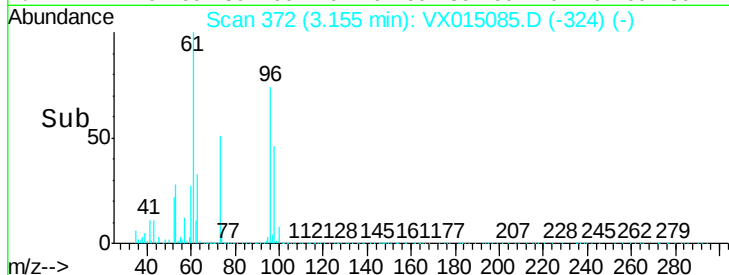
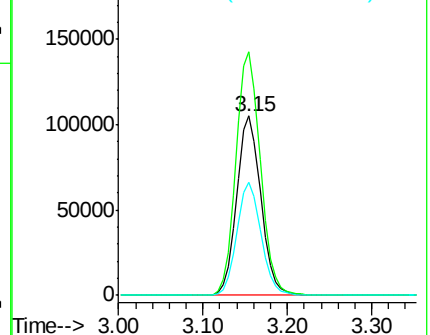
98 63.1 50.2 75.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.217 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion: 45 Resp: 678457

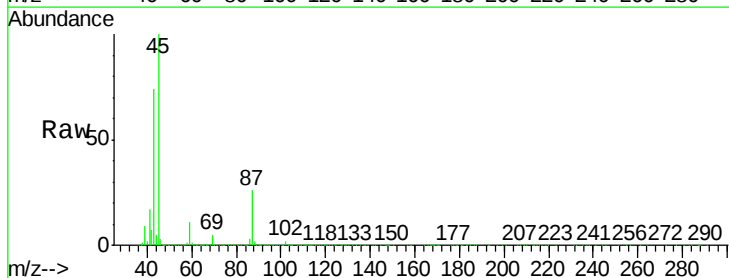
Ion Ratio Lower Upper

45 100

43 73.9 58.2 87.2

87 26.1 21.2 31.8

59 11.2 8.9 13.3

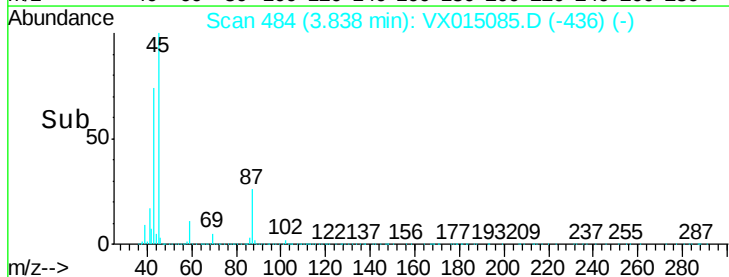
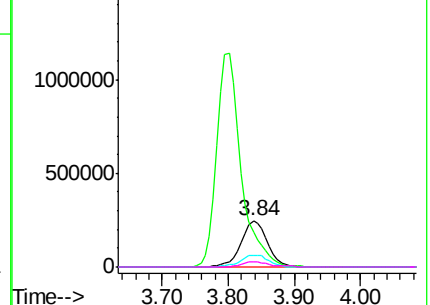


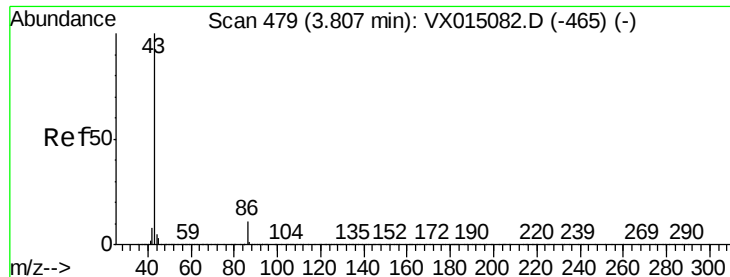
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

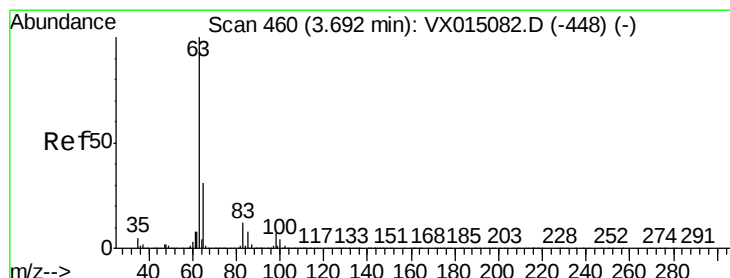
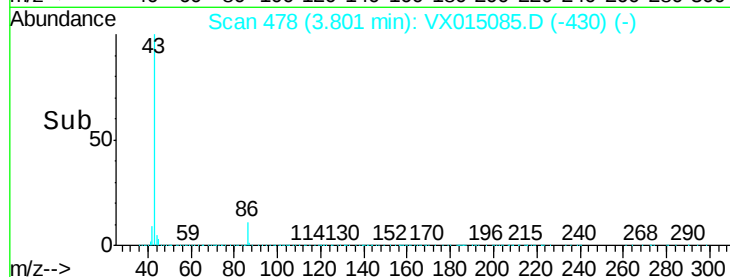
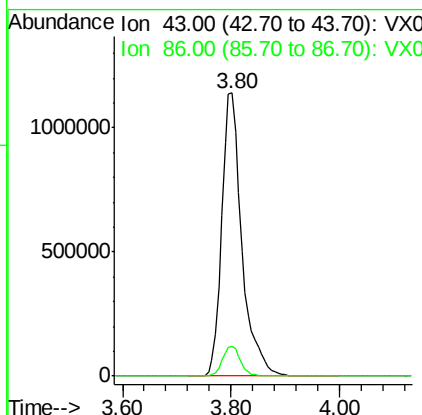
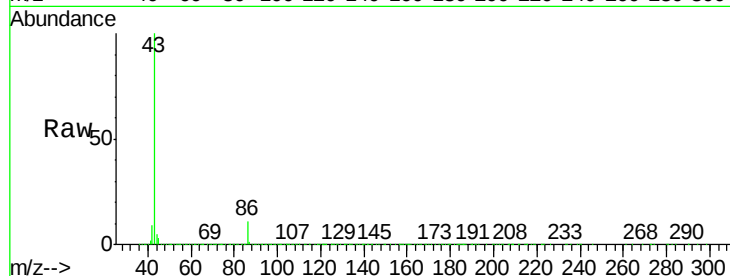




#23
 Vinyl Acetate
 Concen: 258.577 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

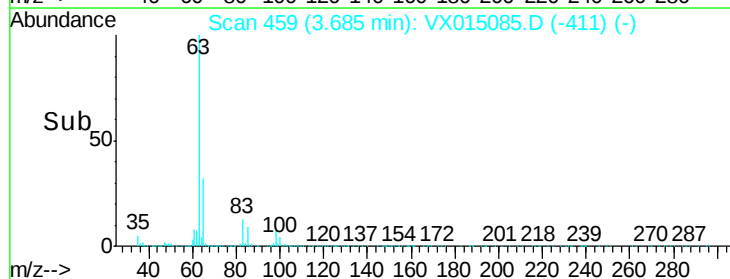
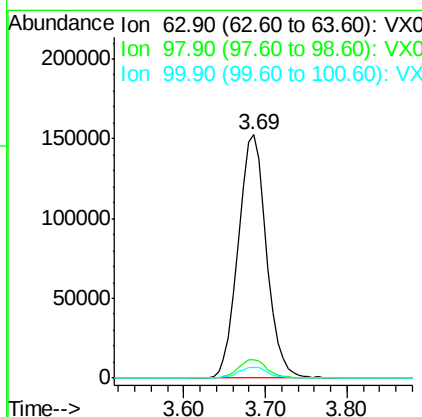
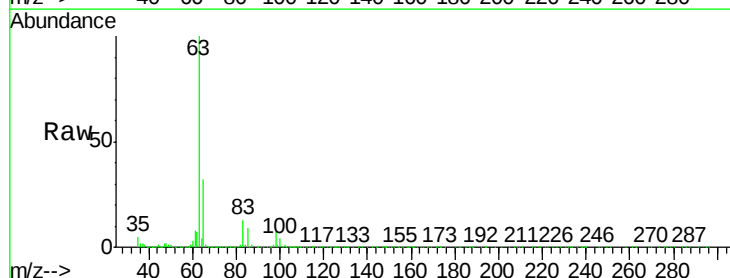
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

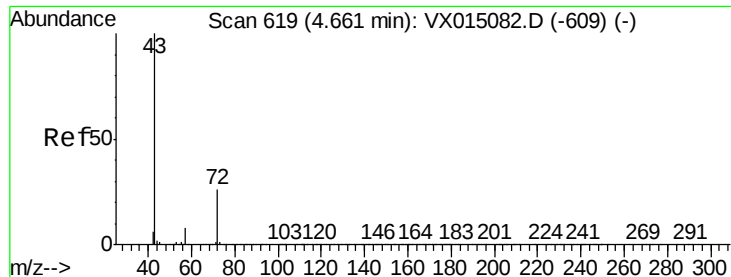
Tgt Ion: 43 Resp: 2930083
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 47.801 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion: 63 Resp: 365722
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.7 11.1
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 260.581 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

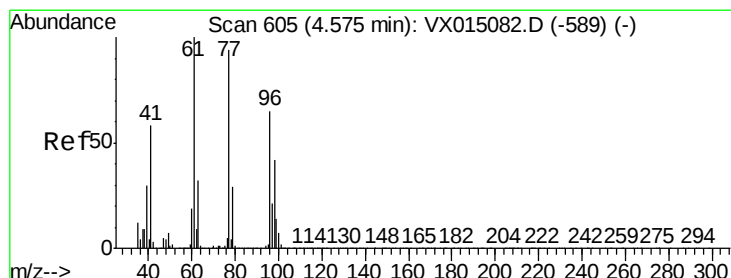
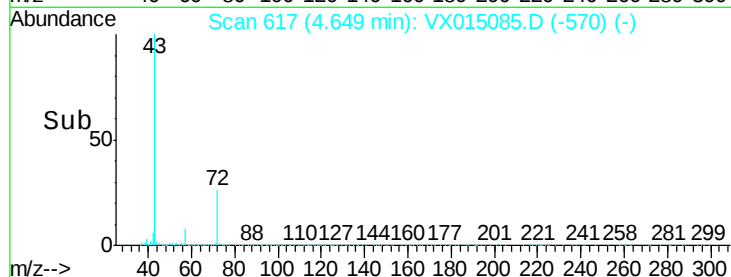
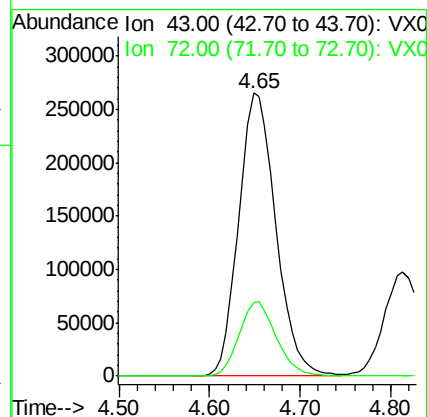
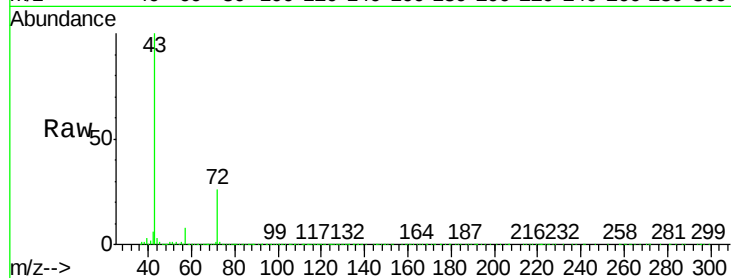
ICVVX030420

Tgt Ion: 43 Resp: 748454

Ion Ratio Lower Upper

43 100

72 25.7 20.6 30.8



#26

2,2-Dichloropropane

Concen: 49.904 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015085.D

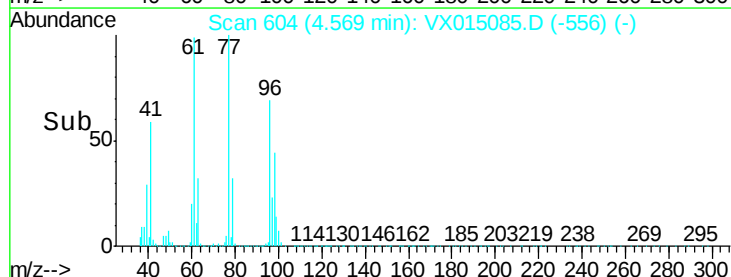
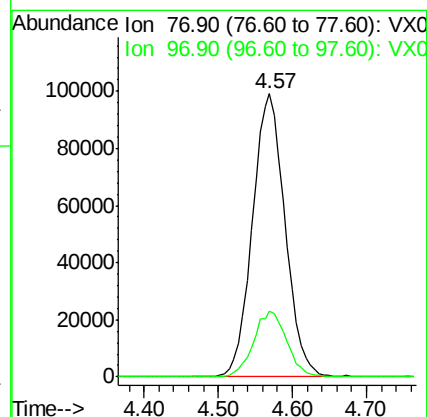
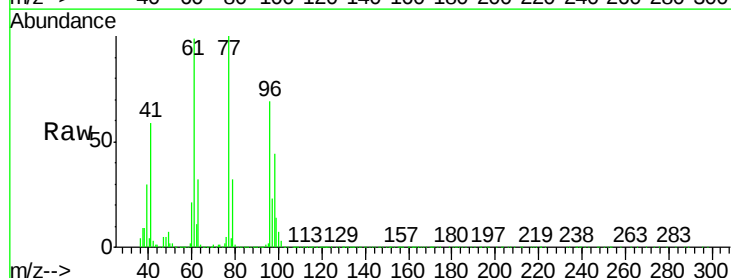
Acq: 04 Mar 2020 13:59

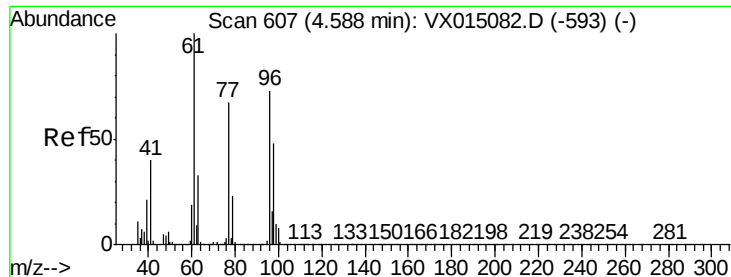
Tgt Ion: 77 Resp: 303098

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.4



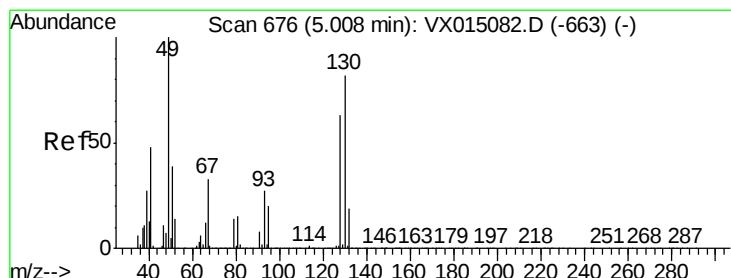
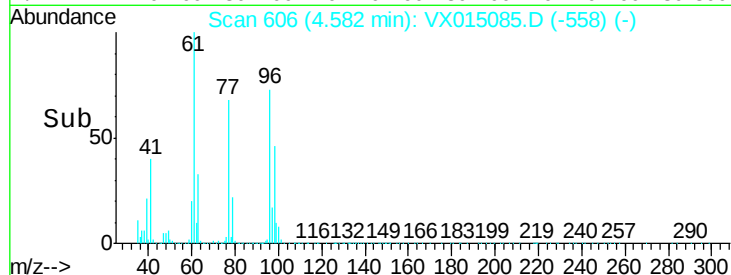
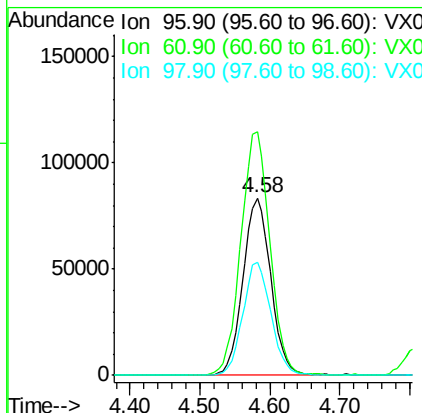
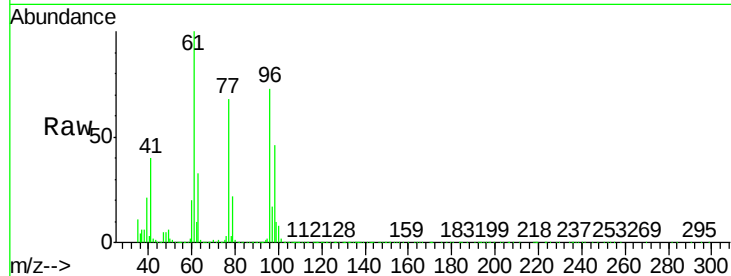


#27

cis-1,2-Dichloroethene
Concen: 48.579 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

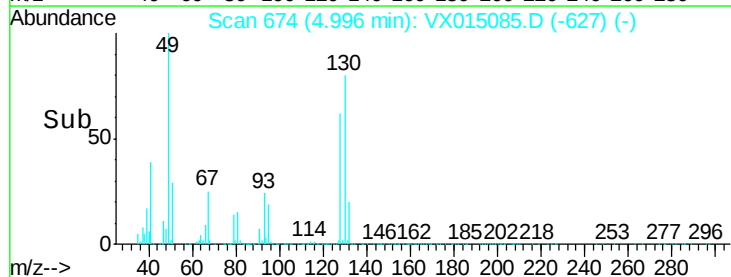
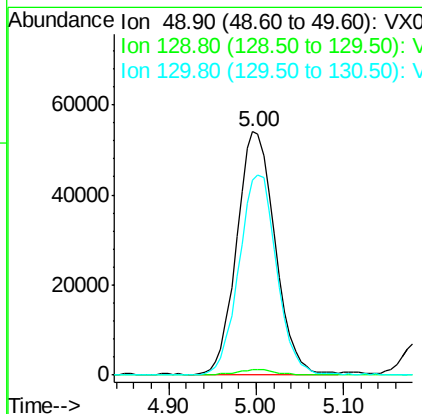
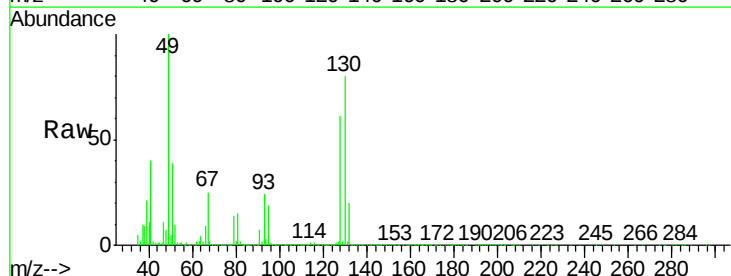
Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.4	0.0	286.8
98	64.1	0.0	128.4

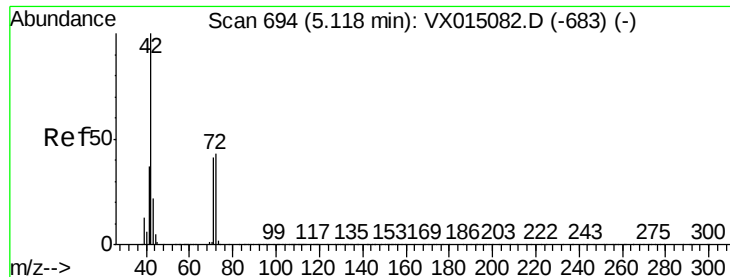


#28

Bromochloromethane
Concen: 46.860 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	81.7	65.0	97.6





#29

Tetrahydrofuran

Concen: 248.995 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

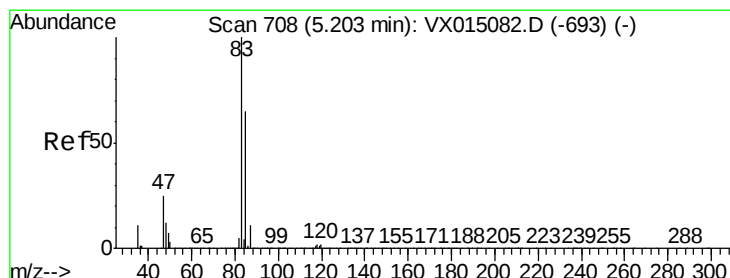
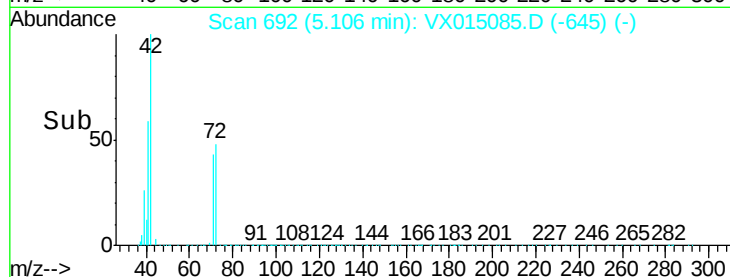
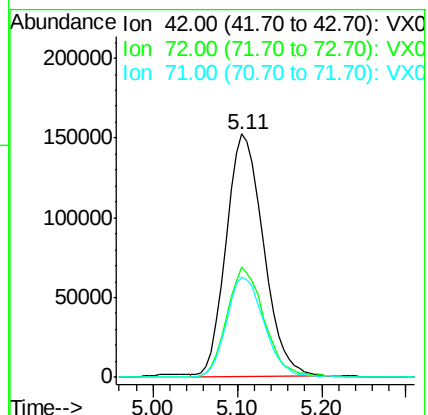
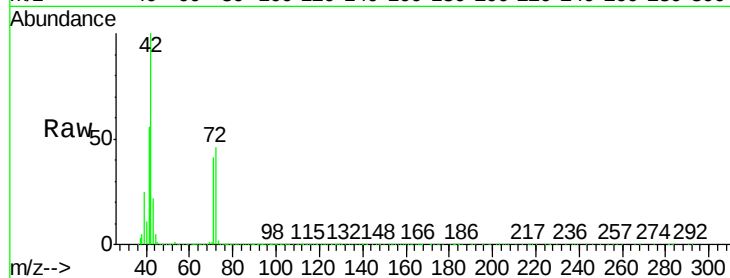
Tgt Ion: 42 Resp: 461010

Ion Ratio Lower Upper

42 100

72 45.1 36.4 54.6

71 41.4 33.3 49.9



#30

Chloroform

Concen: 48.201 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015085.D

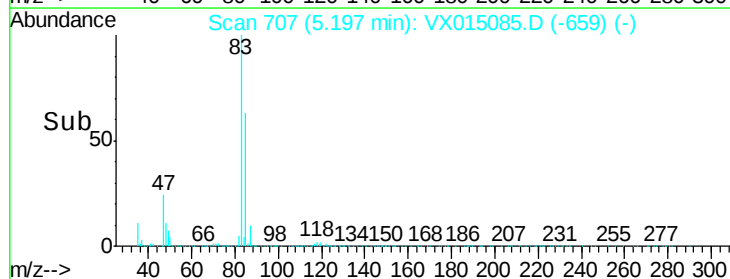
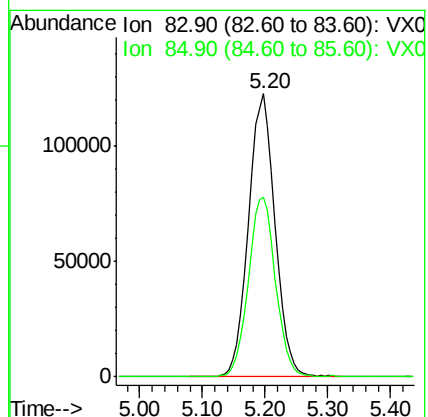
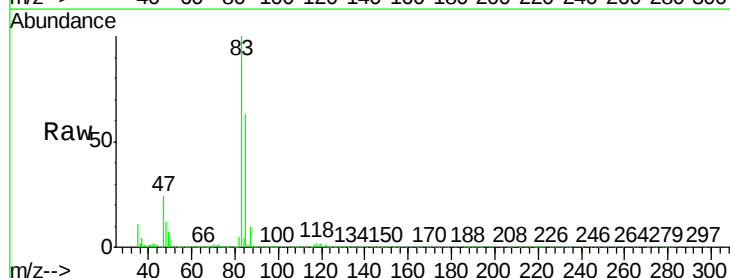
Acq: 04 Mar 2020 13:59

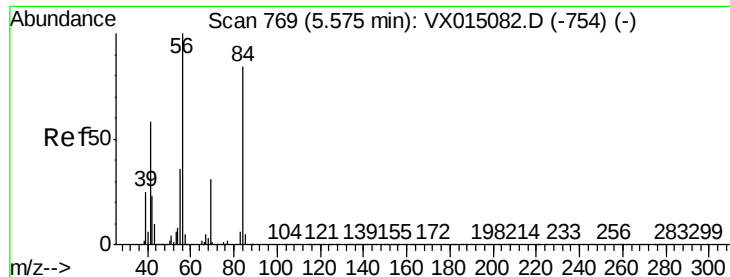
Tgt Ion: 83 Resp: 359436

Ion Ratio Lower Upper

83 100

85 63.2 52.0 78.0

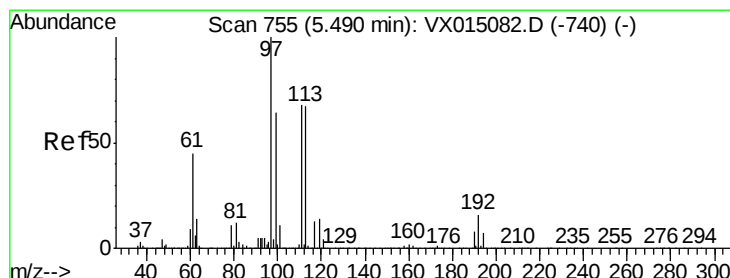
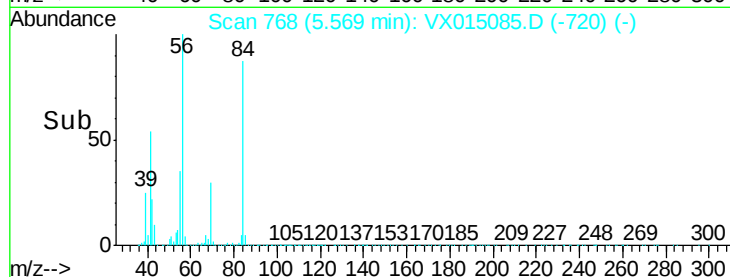
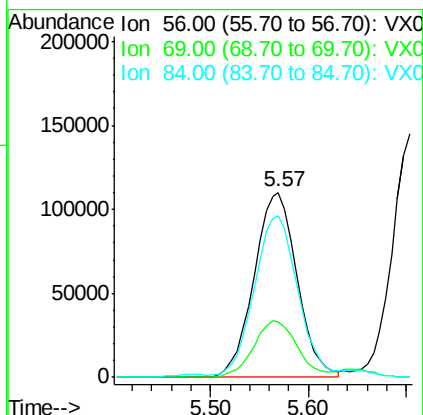
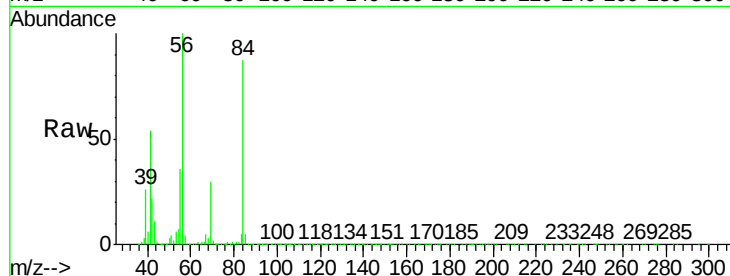




#31
Cyclohexane
Concen: 48.864 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

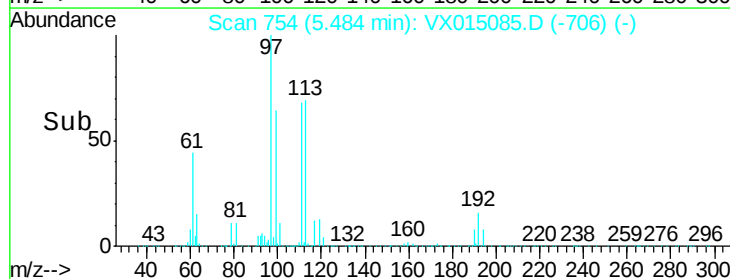
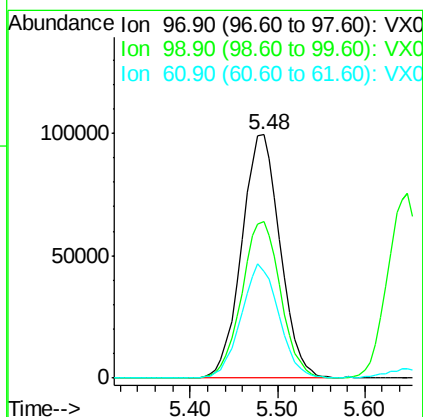
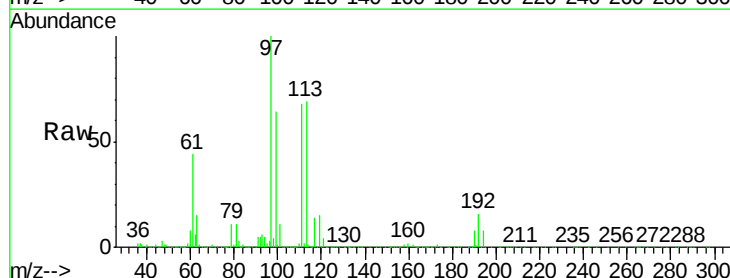
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

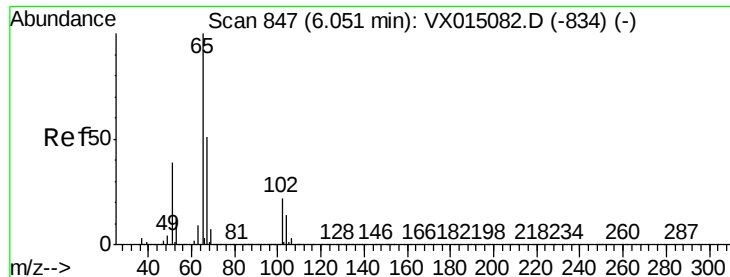
Tgt Ion: 56 Resp: 333462
Ion Ratio Lower Upper
56 100
69 29.8 25.0 37.6
84 86.0 67.6 101.4



#32
1,1,1-Trichloroethane
Concen: 49.083 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 97 Resp: 303405
Ion Ratio Lower Upper
97 100
99 65.2 52.8 79.2
61 45.8 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 47.813 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

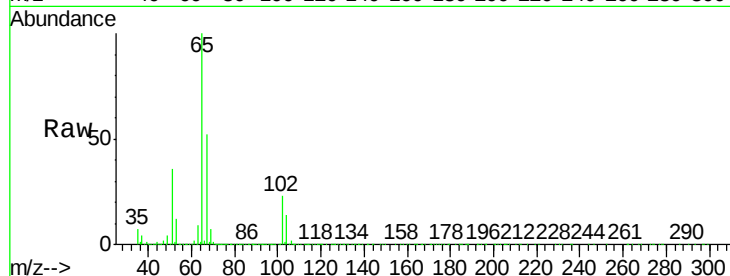
ICVVX030420

Tgt Ion: 65 Resp: 231631

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

80000

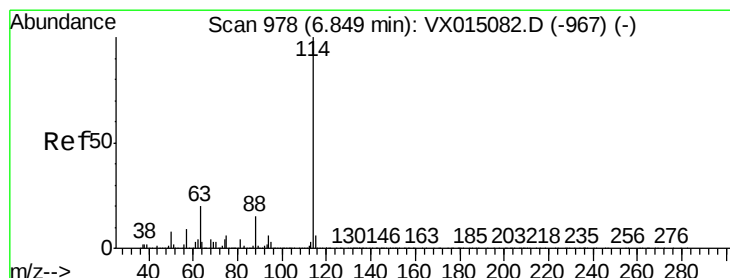
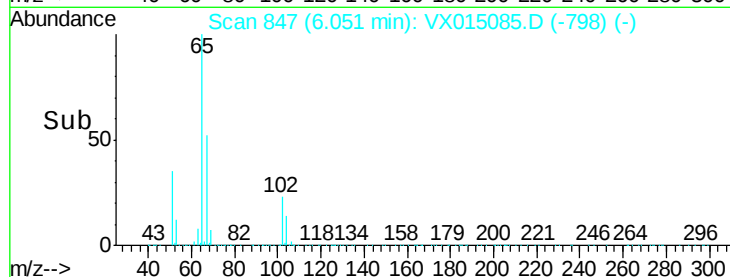
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

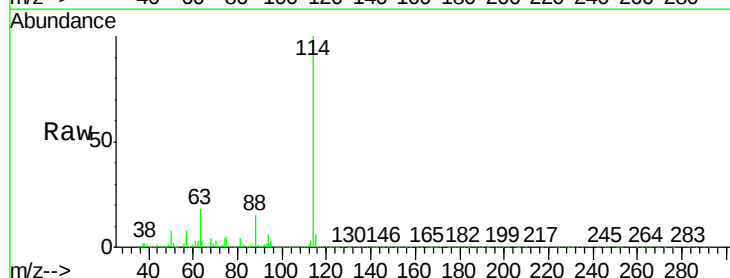
Tgt Ion: 114 Resp: 605864

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

88 15.2 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

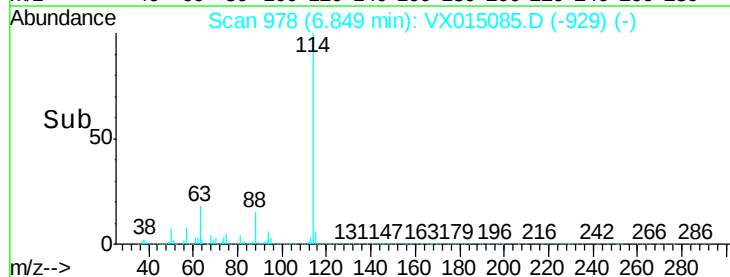
300000

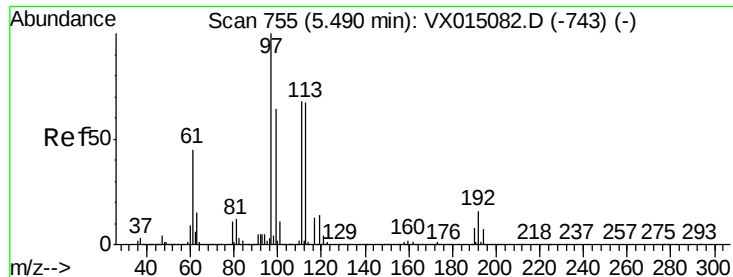
200000

100000

0

Time-->

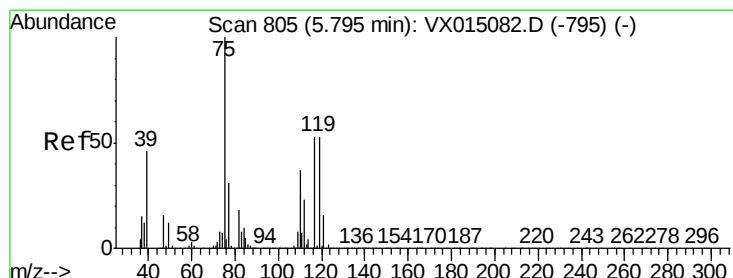
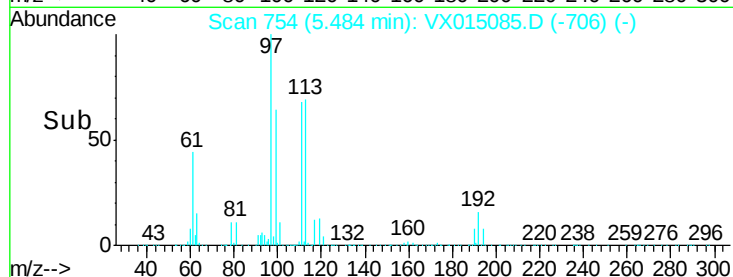
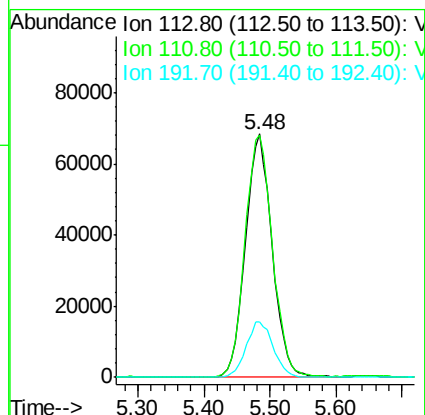
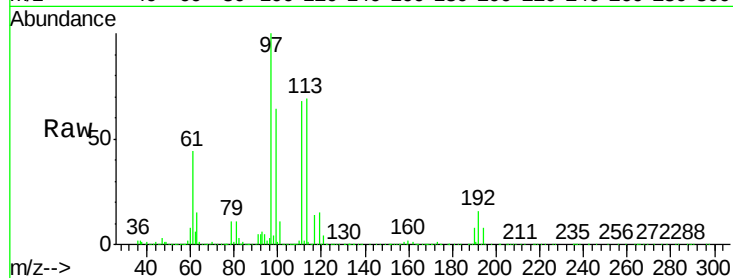




#35
 Dibromofluoromethane
 Concen: 50.123 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

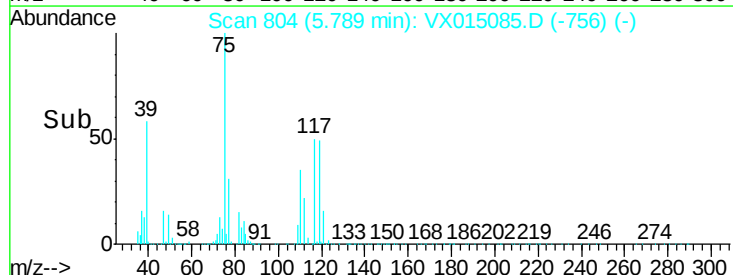
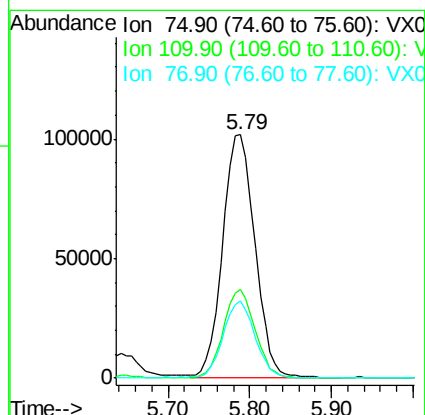
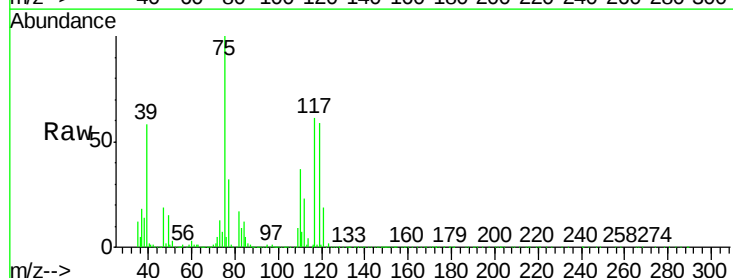
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

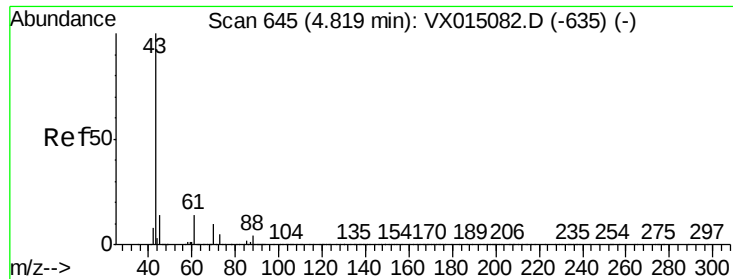
Tgt Ion:113 Resp: 191579
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.6 123.8
 192 23.5 18.6 28.0



#36
 1,1-Dichloropropene
 Concen: 49.549 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion: 75 Resp: 277524
 Ion Ratio Lower Upper
 75 100
 110 36.2 17.9 53.8
 77 30.8 24.8 37.2

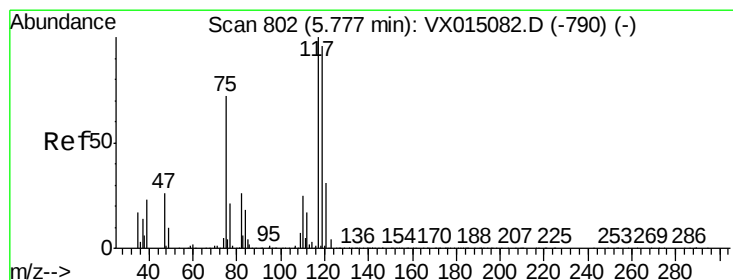
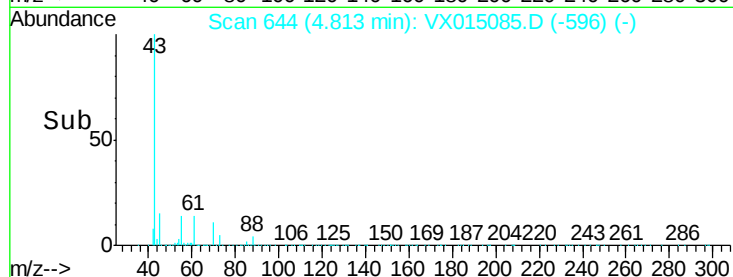
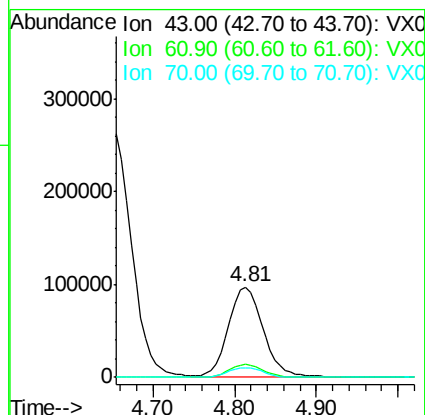
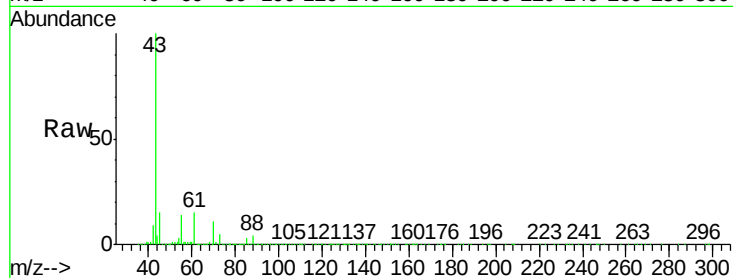




#37
 Ethyl Acetate
 Concen: 54.518 ug/l
 RT: 4.81 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

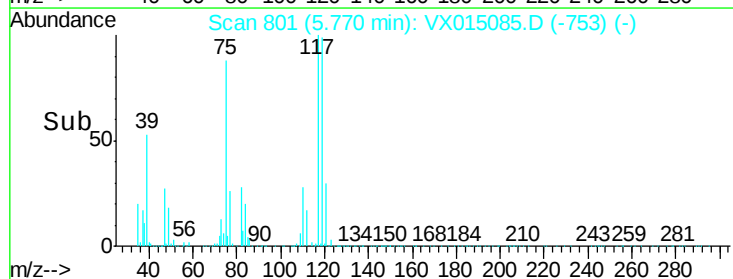
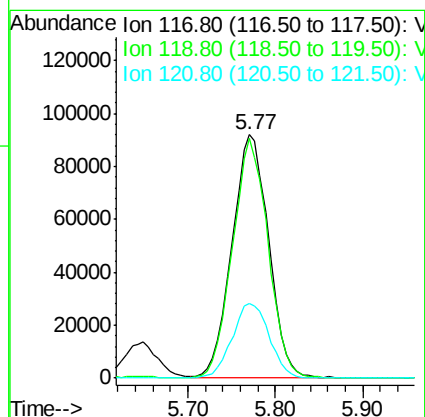
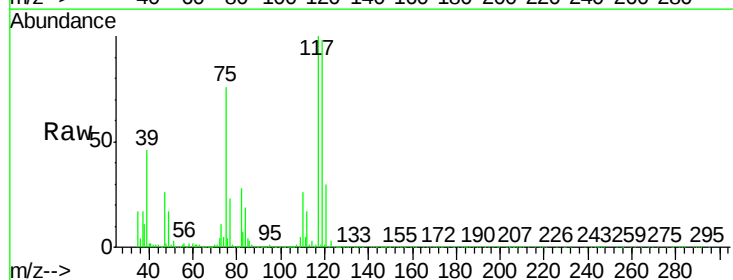
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

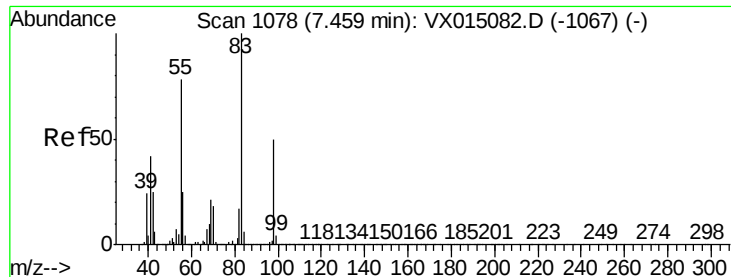
Tgt Ion:	43	Resp:	283248
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	10.5	8.1	12.1



#38
 Carbon Tetrachloride
 Concen: 50.563 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion:	117	Resp:	267318
Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.9	115.3
121	30.4	24.6	37.0

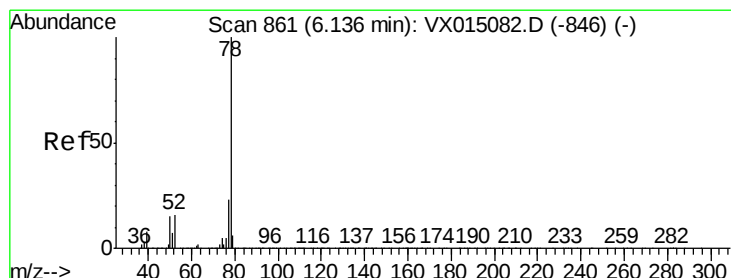
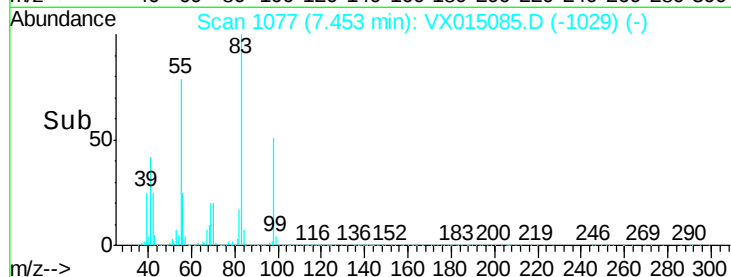
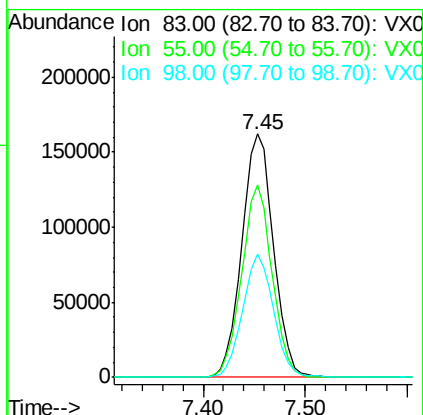
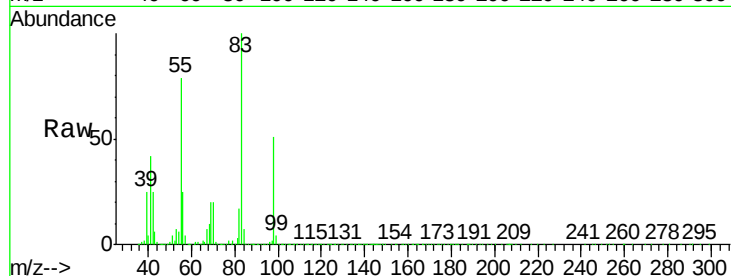




#39
Methylcyclohexane
Concen: 53.394 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

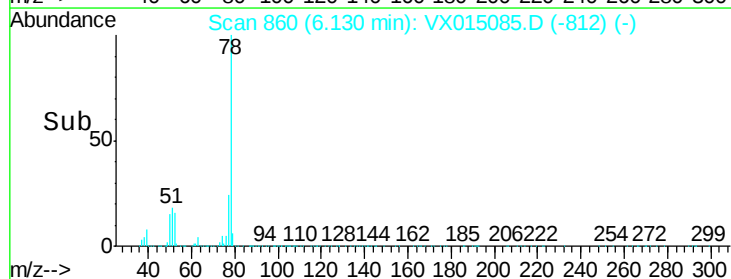
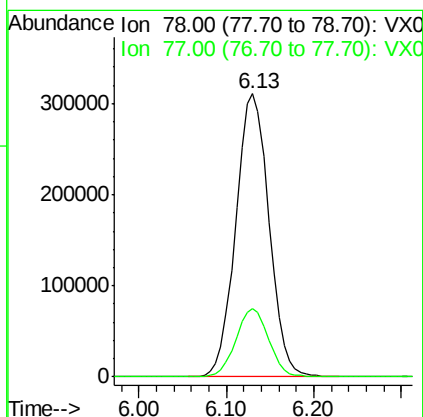
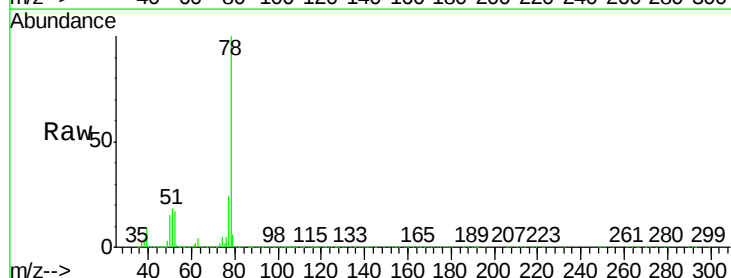
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

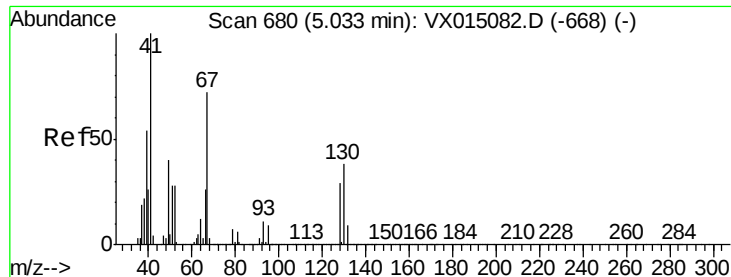
Tgt Ion: 83 Resp: 349204
Ion Ratio Lower Upper
83 100
55 79.0 62.4 93.6
98 50.5 39.7 59.5



#40
Benzene
Concen: 49.290 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 78 Resp: 819063
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0





#41

Methacrylonitrile

Concen: 51.046 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

Tgt Ion: 41 Resp: 159300

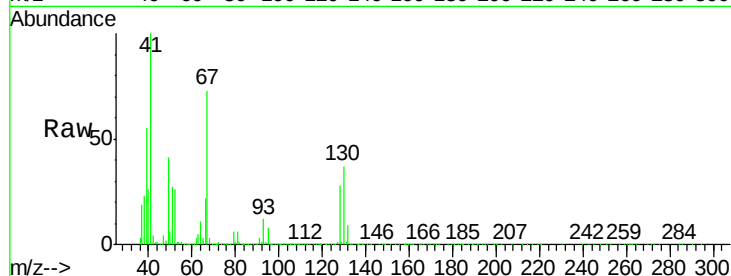
Ion Ratio Lower Upper

41 100

39 53.1 43.9 65.9

67 71.3 57.8 86.8

52 28.4 22.6 34.0

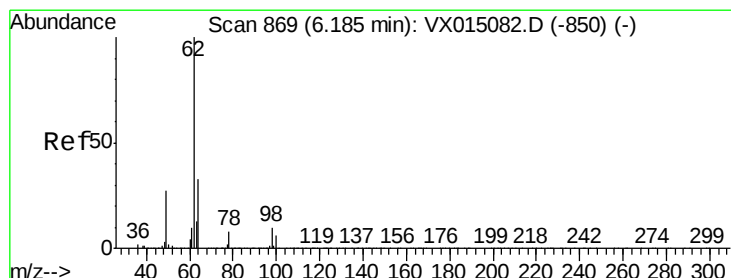
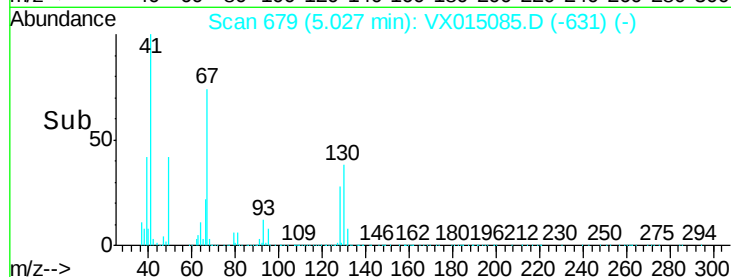
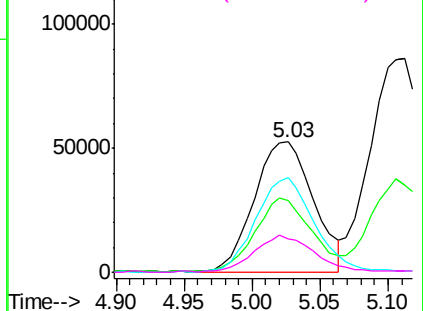


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 50.670 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX015085.D

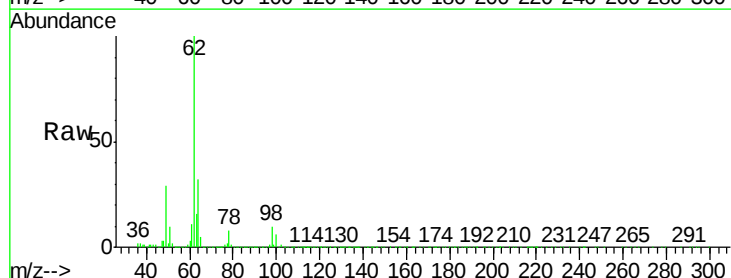
Acq: 04 Mar 2020 13:59

Tgt Ion: 62 Resp: 289152

Ion Ratio Lower Upper

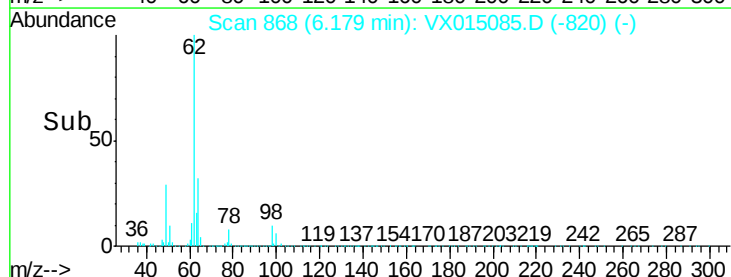
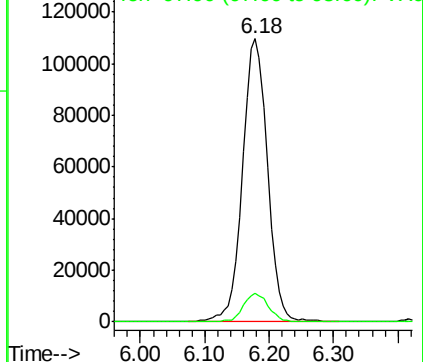
62 100

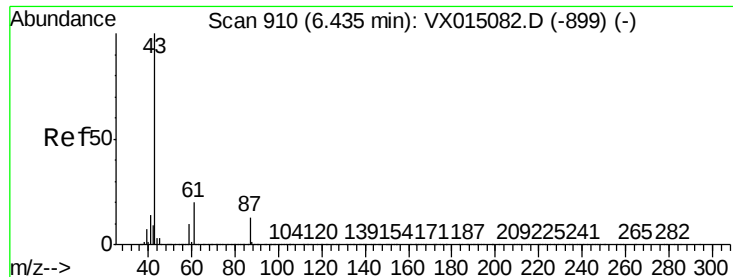
98 10.2 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.328 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

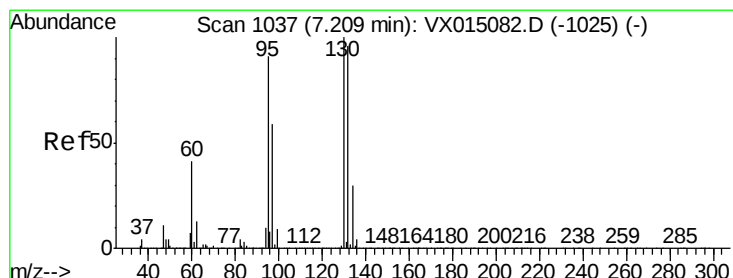
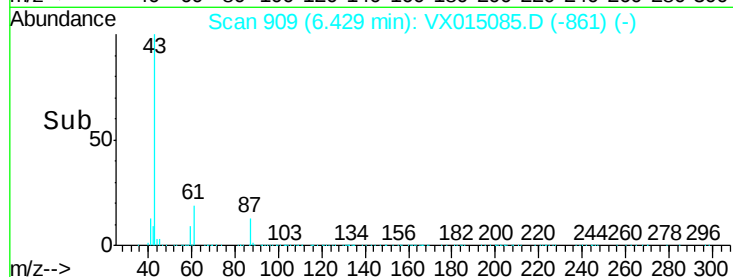
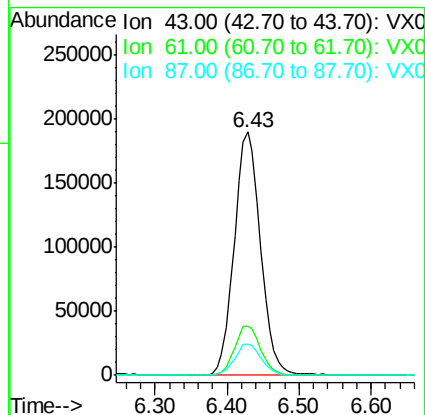
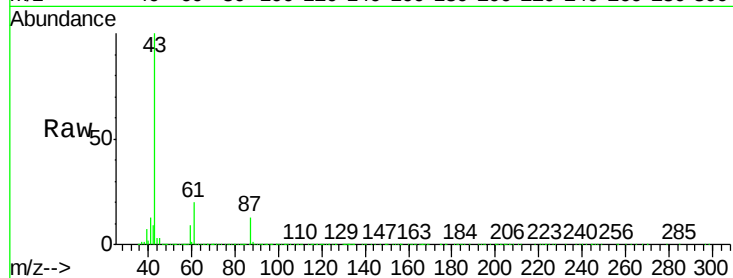
Tgt Ion: 43 Resp: 478273

Ion Ratio Lower Upper

43 100

61 20.3 16.1 24.1

87 13.1 10.6 16.0



#44

Trichloroethene

Concen: 49.011 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015085.D

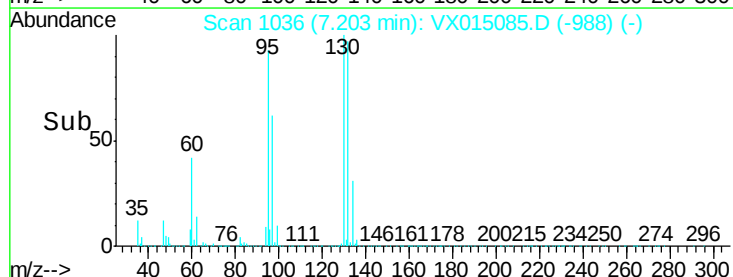
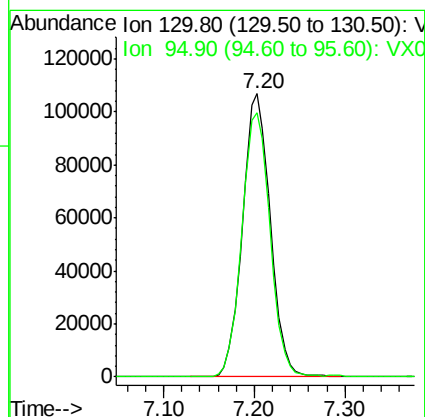
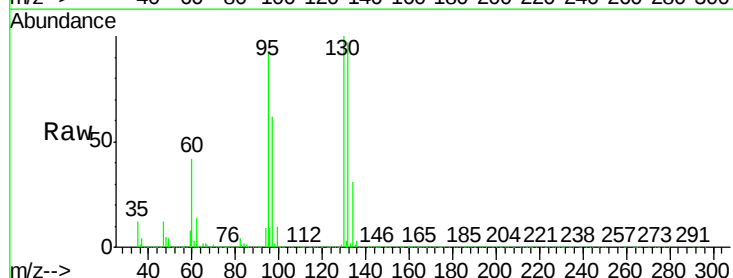
Acq: 04 Mar 2020 13:59

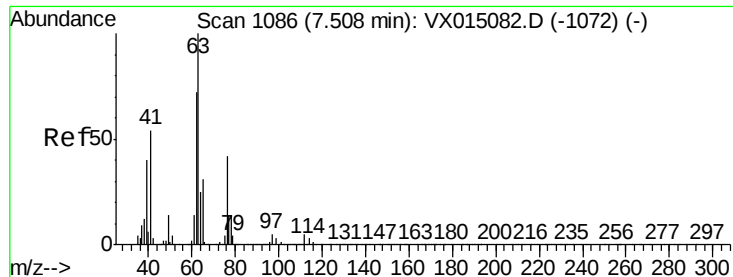
Tgt Ion: 130 Resp: 226812

Ion Ratio Lower Upper

130 100

95 93.4 0.0 181.2

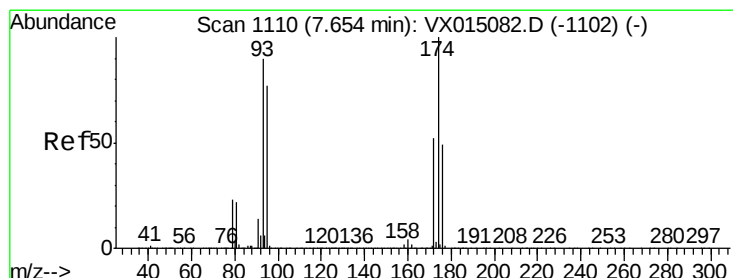
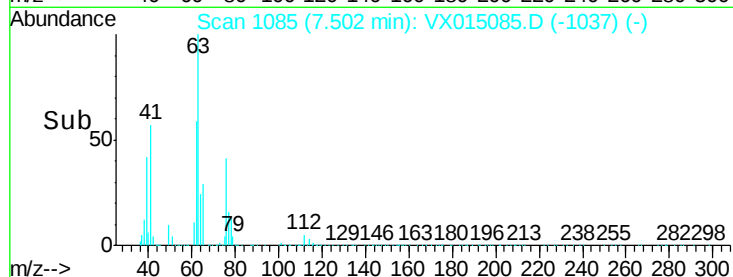
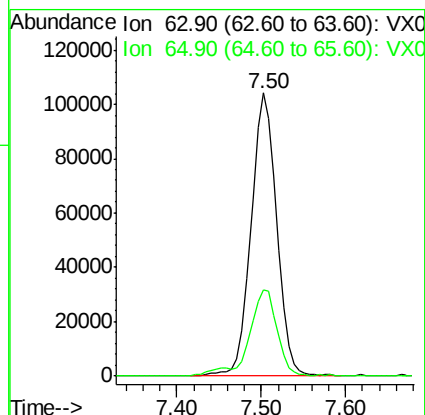
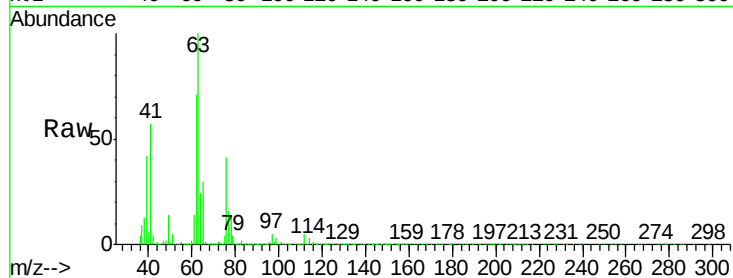




#45
 1,2-Dichloropropane
 Concen: 50.265 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

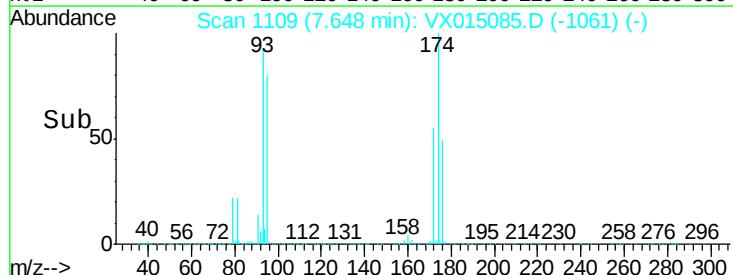
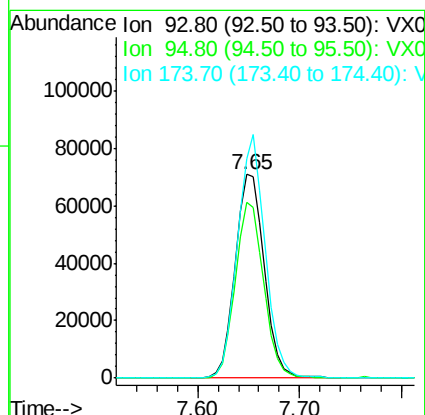
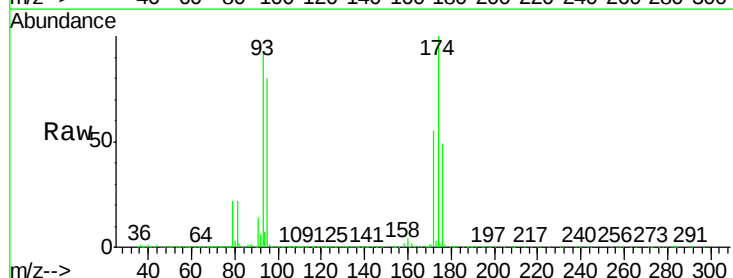
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

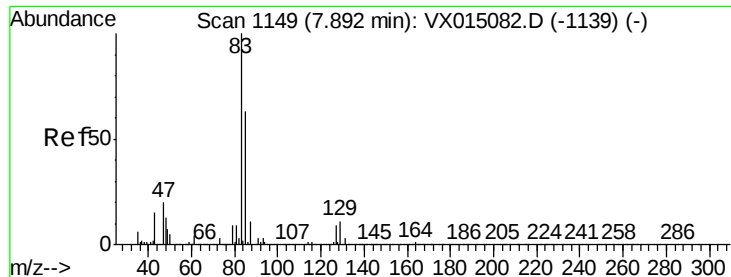
Tgt Ion: 63 Resp: 216200
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.6 36.8



#46
 Dibromomethane
 Concen: 49.625 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion: 93 Resp: 139081
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.8 101.8
 174 113.7 91.0 136.4





#47

Bromodichloromethane

Concen: 50.706 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

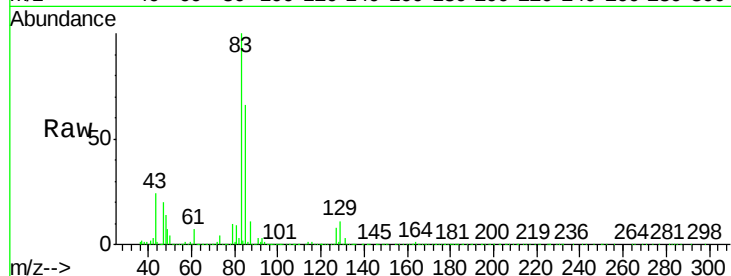
Tgt Ion: 83 Resp: 281025

Ion Ratio Lower Upper

83 100

85 65.8 50.6 75.8

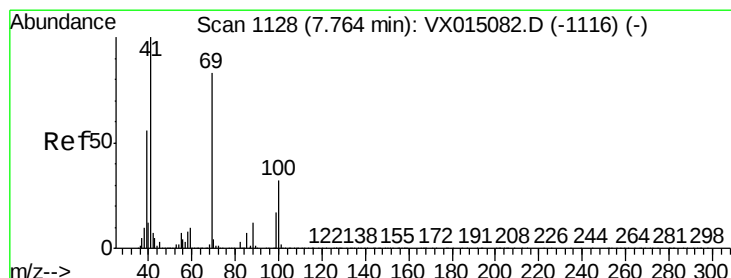
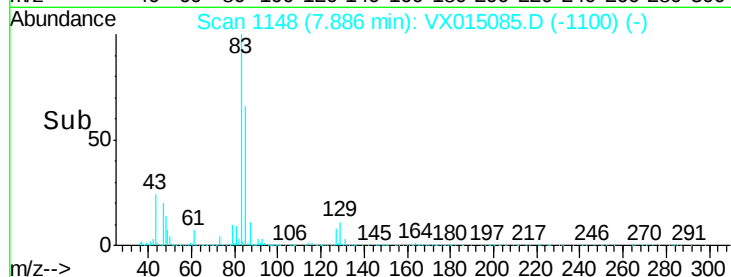
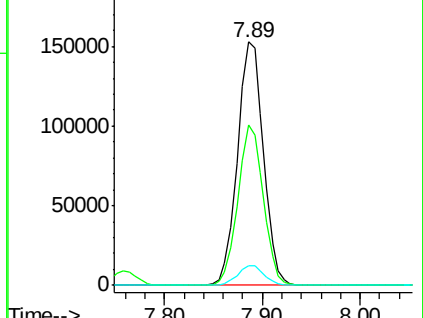
127 8.1 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.513 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

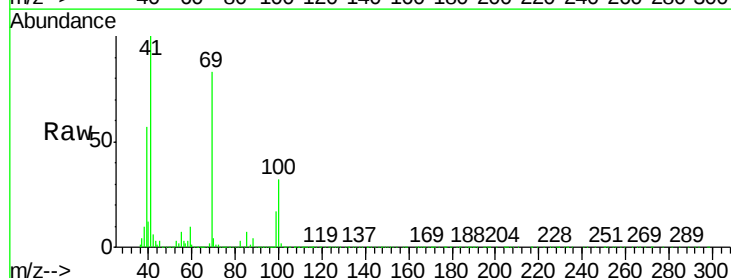
Tgt Ion: 41 Resp: 234979

Ion Ratio Lower Upper

41 100

69 82.1 65.4 98.2

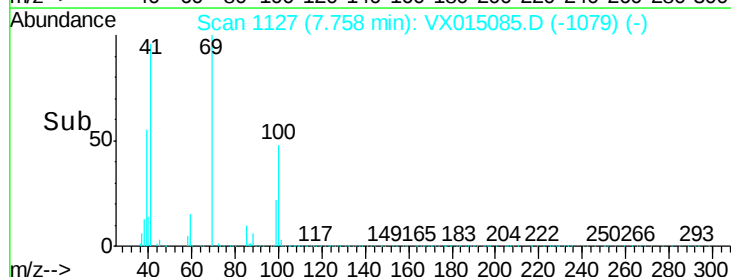
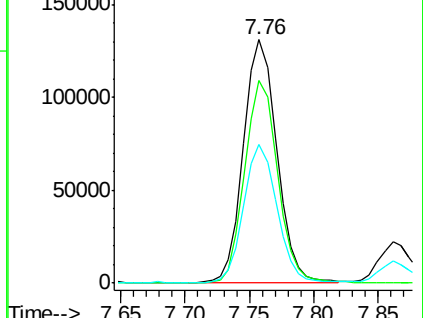
39 56.5 44.6 67.0

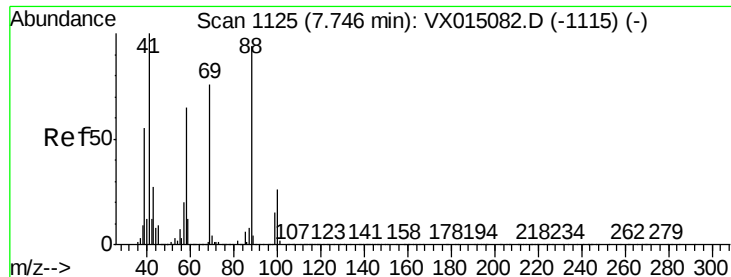


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

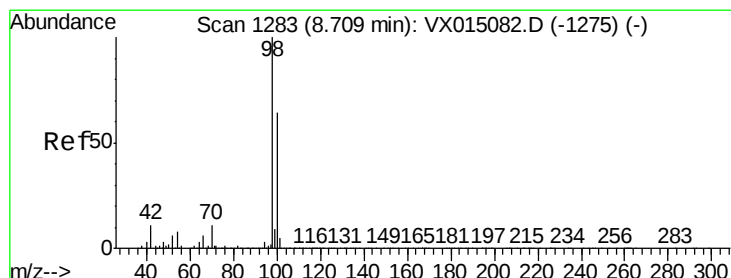
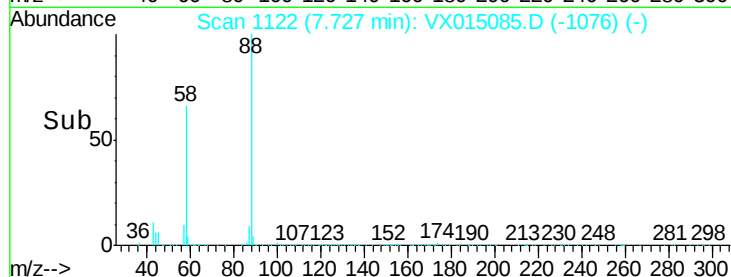
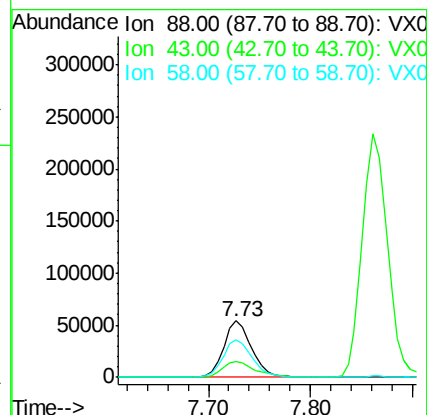
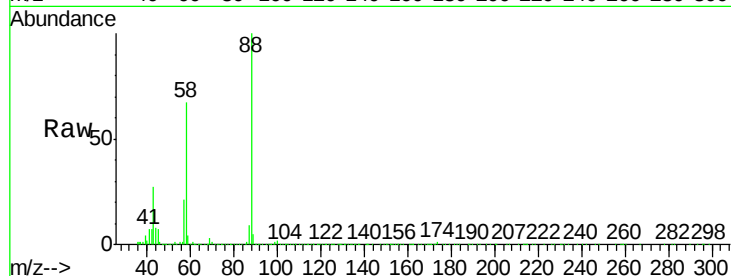




#49
1,4-Dioxane
Concen: 1013.558 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

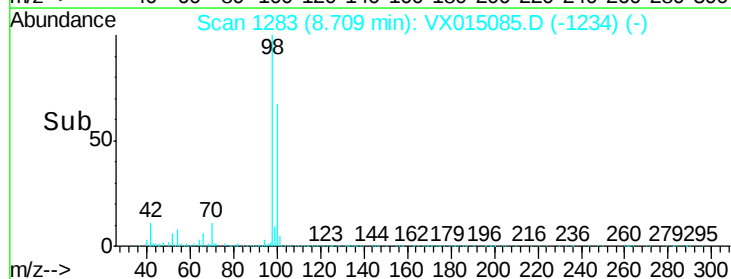
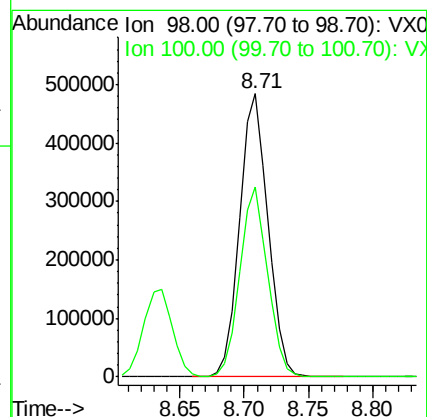
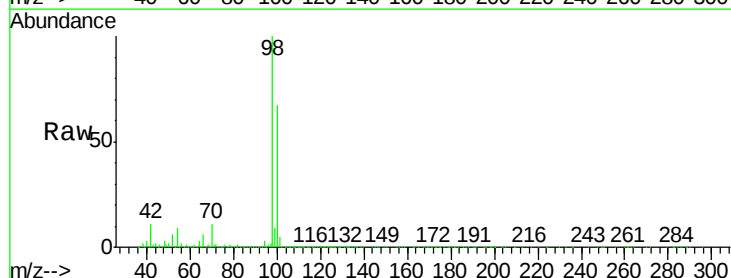
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

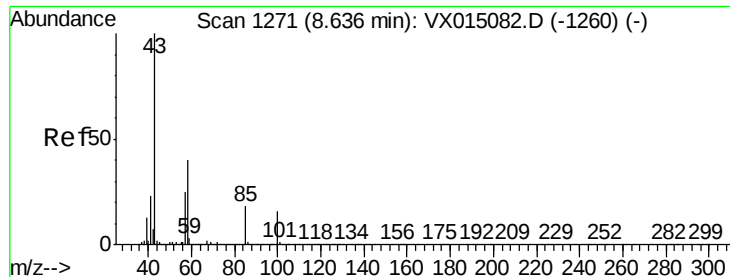
Tgt Ion: 88 Resp: 101942
Ion Ratio Lower Upper
88 100
43 33.1 27.0 40.4
58 70.0 55.6 83.4



#50
Toluene-d8
Concen: 50.818 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 98 Resp: 738849
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 270.358 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

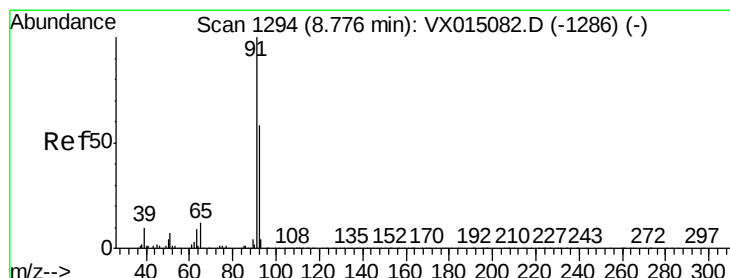
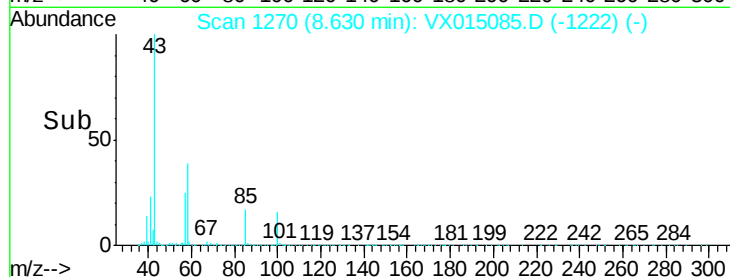
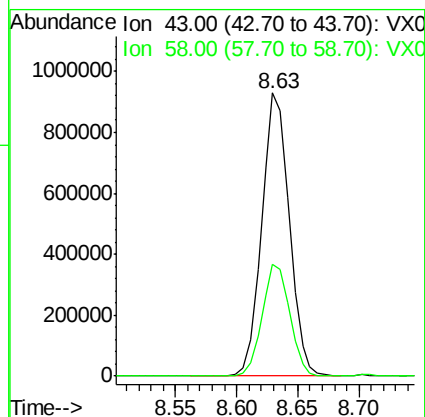
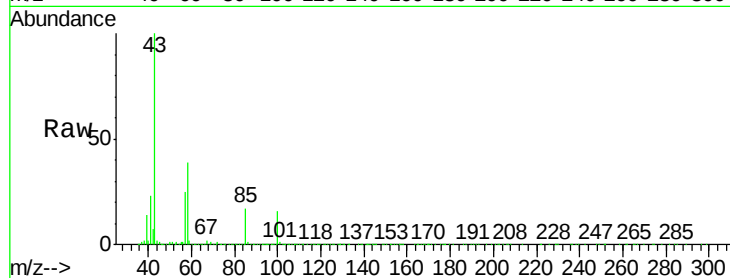
ICVVX030420

Tgt Ion: 43 Resp: 1461017

Ion Ratio Lower Upper

43 100

58 39.6 31.6 47.4



#52

Toluene

Concen: 51.185 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015085.D

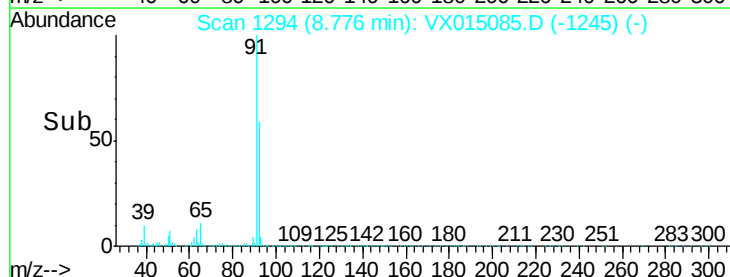
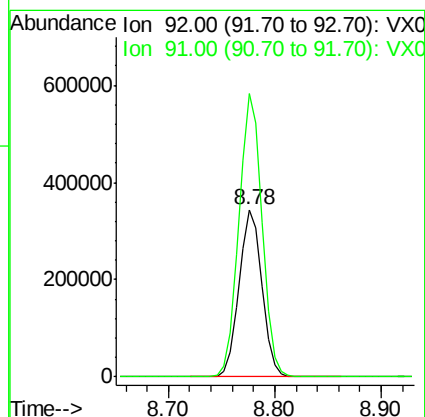
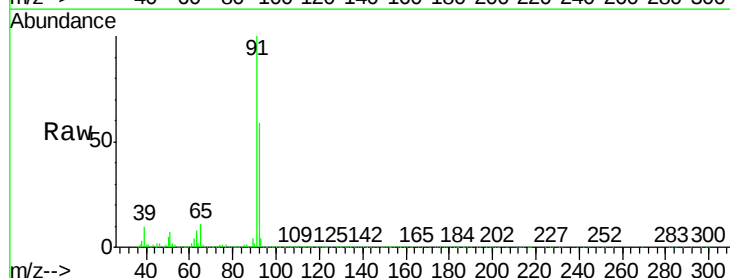
Acq: 04 Mar 2020 13:59

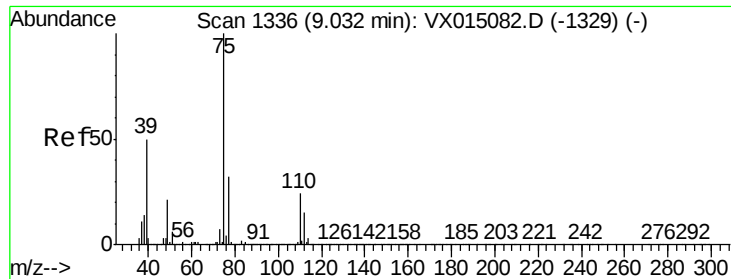
Tgt Ion: 92 Resp: 520059

Ion Ratio Lower Upper

92 100

91 171.1 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 53.751 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

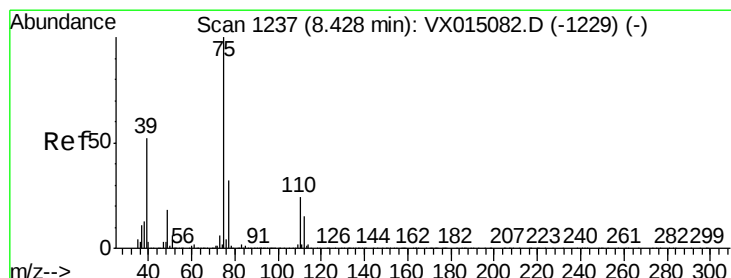
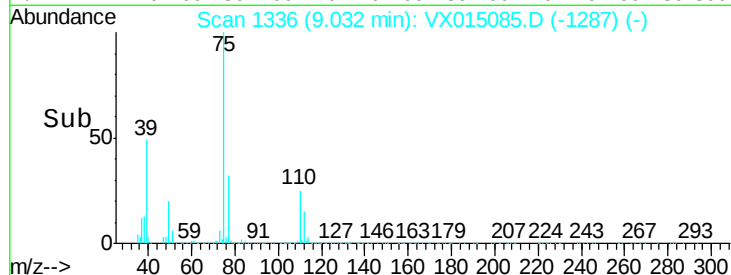
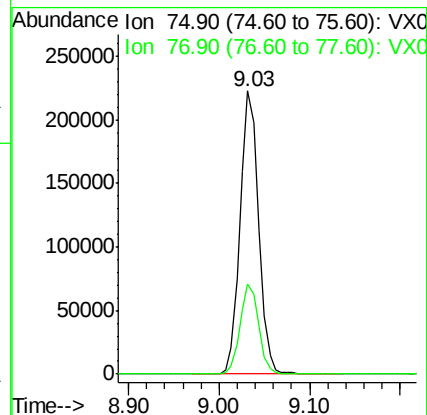
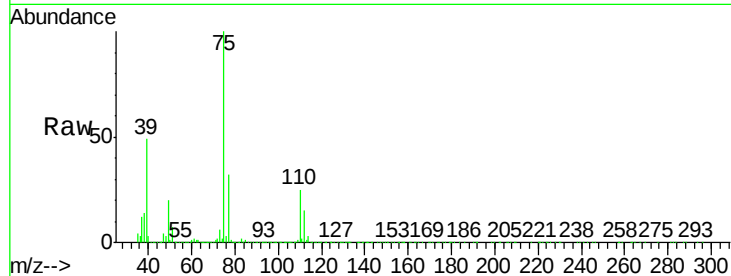
ICVVX030420

Tgt Ion: 75 Resp: 317080

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 52.575 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

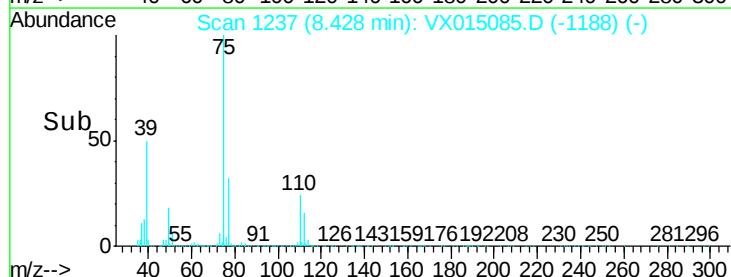
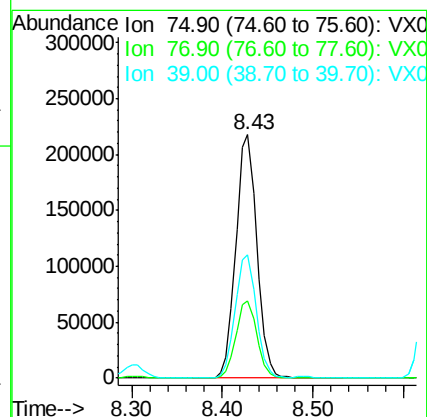
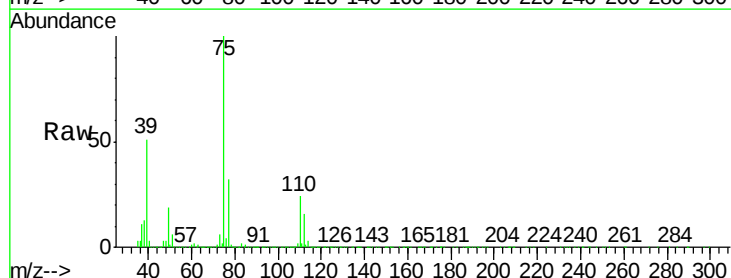
Tgt Ion: 75 Resp: 350617

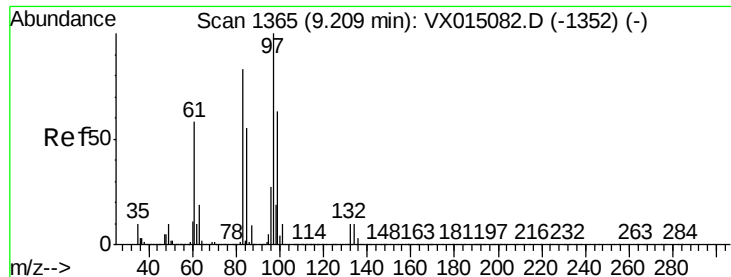
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

39 50.4 41.3 61.9





#55

1,1,2-Trichloroethane

Concen: 49.906 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

Tgt Ion: 97 Resp: 208706

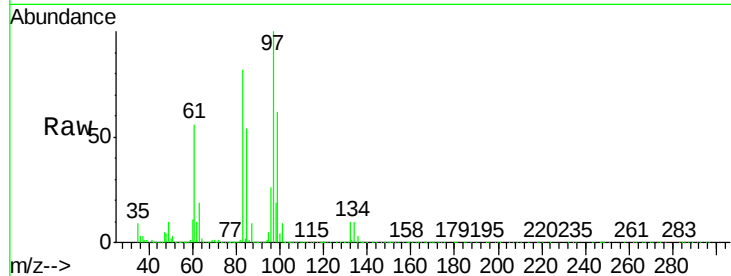
Ion Ratio Lower Upper

97 100

83 82.4 66.4 99.6

85 54.2 43.5 65.3

99 61.6 50.7 76.1

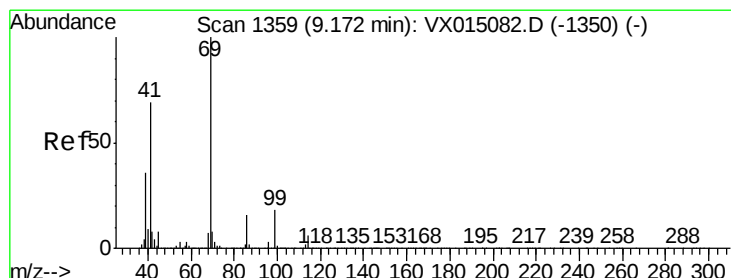
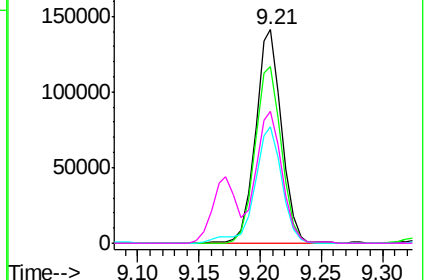
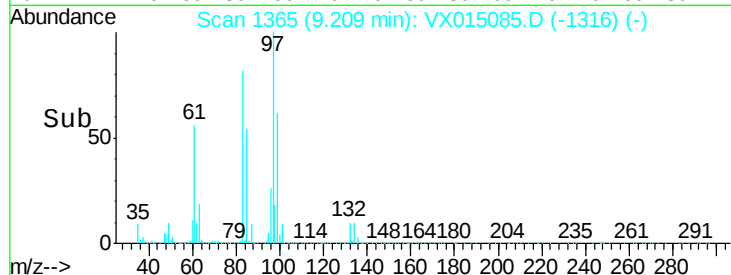


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 55.151 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

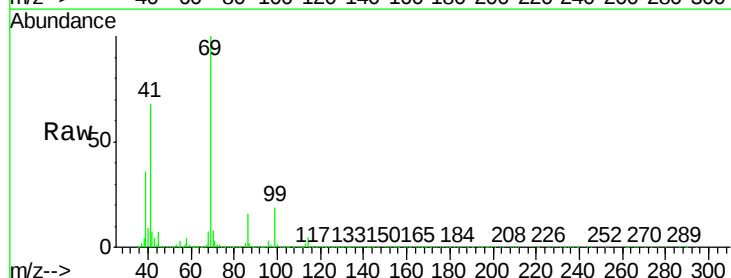
Tgt Ion: 69 Resp: 328981

Ion Ratio Lower Upper

69 100

41 69.2 55.8 83.8

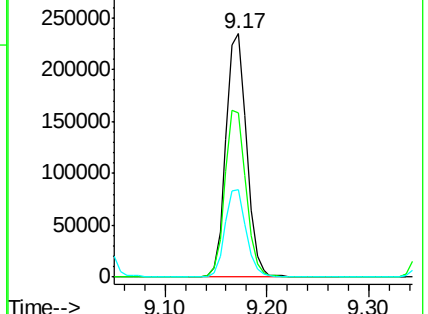
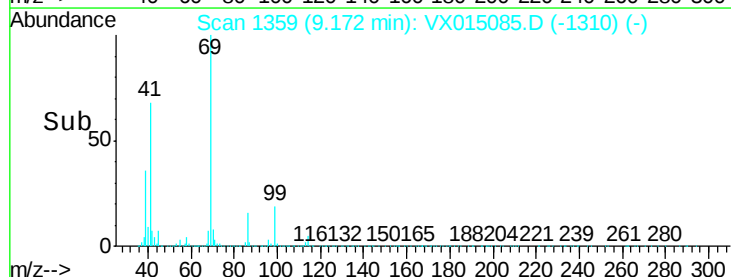
39 36.5 29.4 44.2

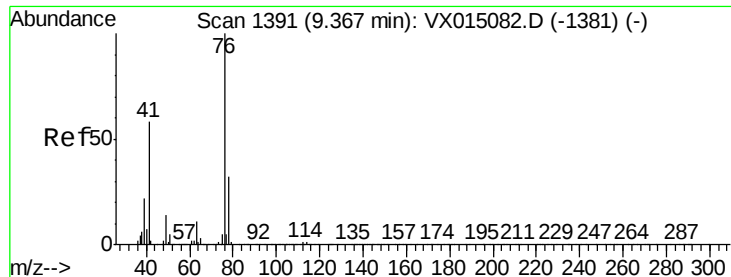


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.346 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampled :

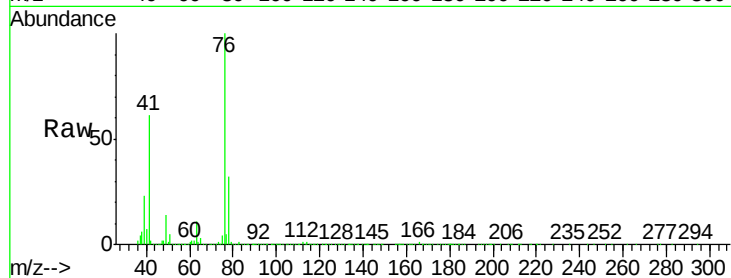
ICVVX030420

Tgt Ion: 76 Resp: 354221

Ion Ratio Lower Upper

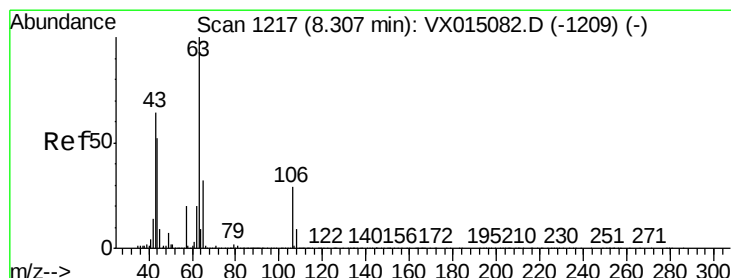
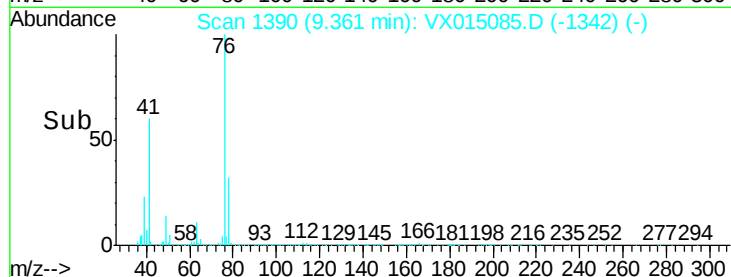
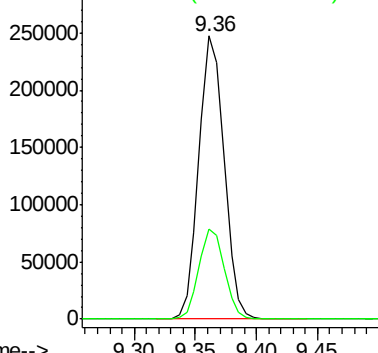
76 100

78 31.8 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 282.041 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015085.D

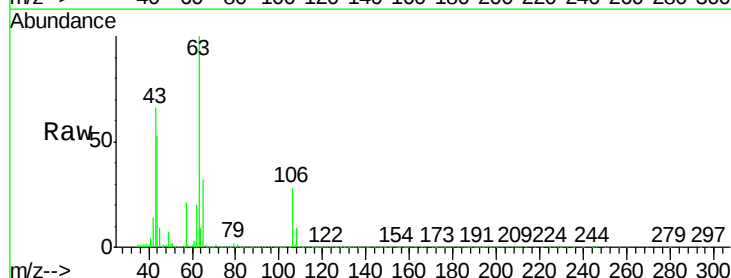
Acq: 04 Mar 2020 13:59

Tgt Ion: 63 Resp: 916524

Ion Ratio Lower Upper

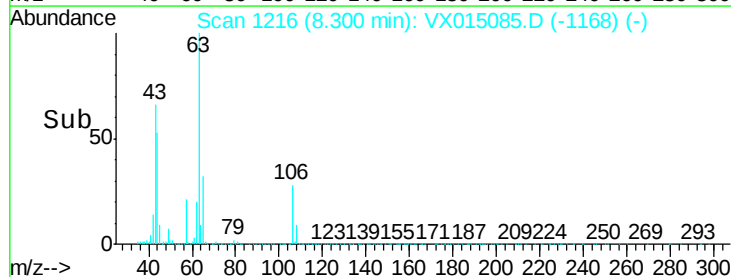
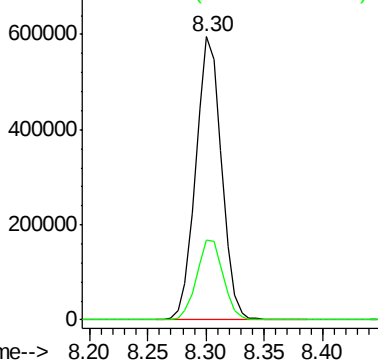
63 100

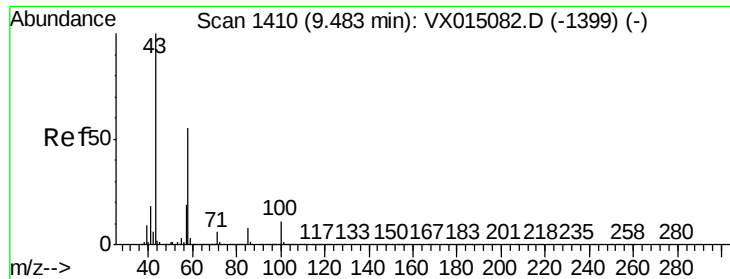
106 29.1 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

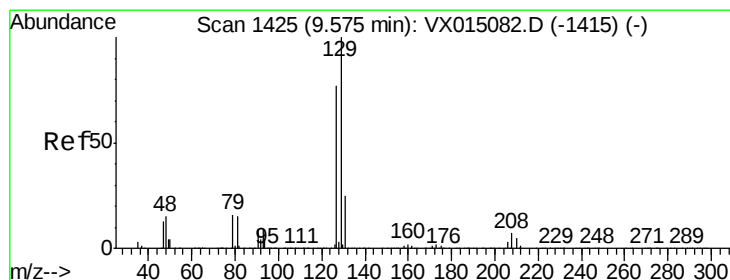
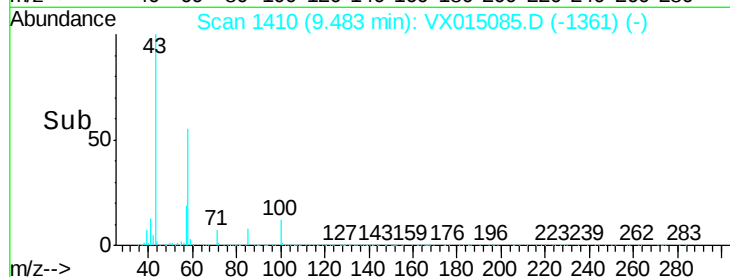
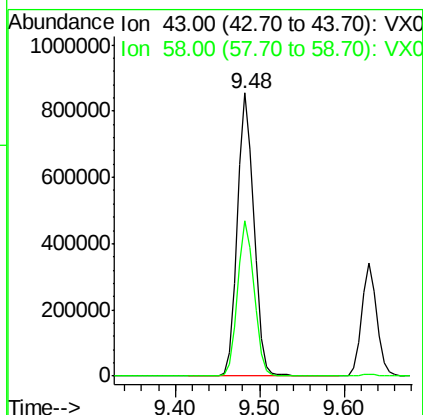
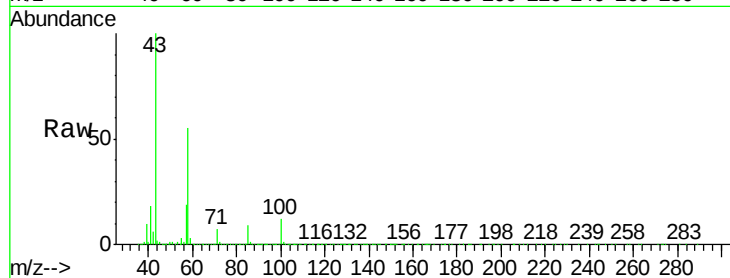




#59
2-Hexanone
Concen: 279.861 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

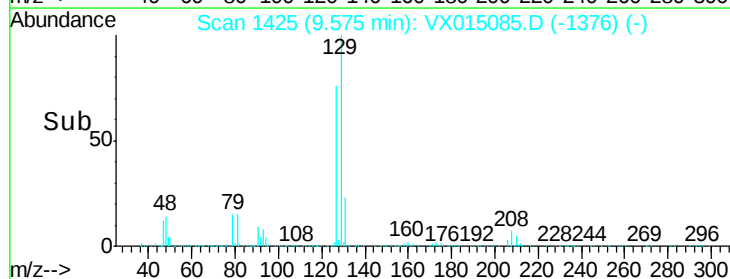
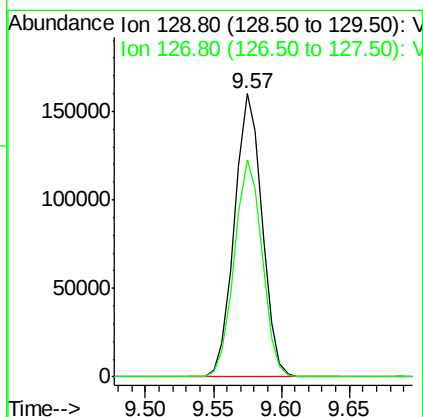
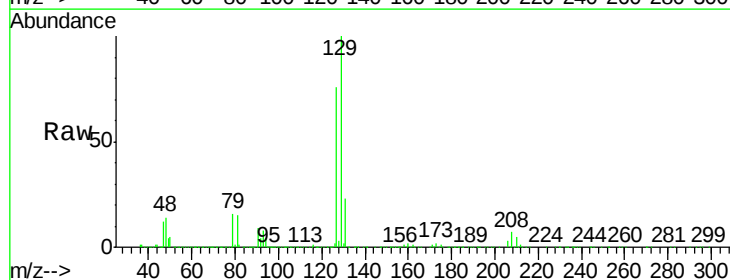
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

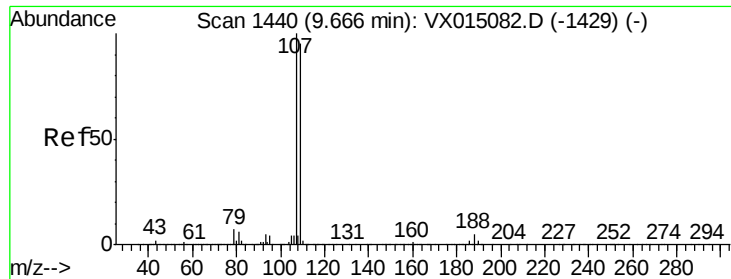
Tgt Ion: 43 Resp: 1120946
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8



#60
Dibromochloromethane
Concen: 51.546 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 129 Resp: 226443
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.598 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

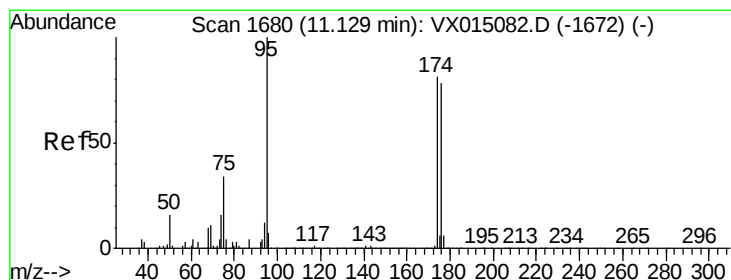
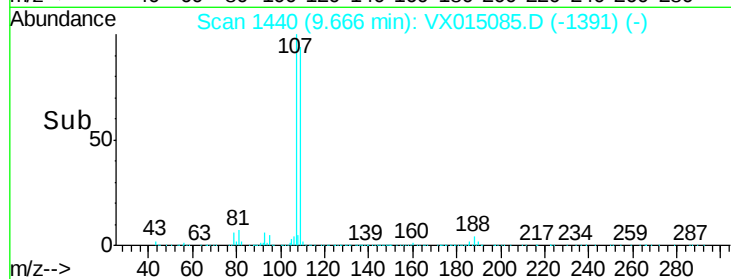
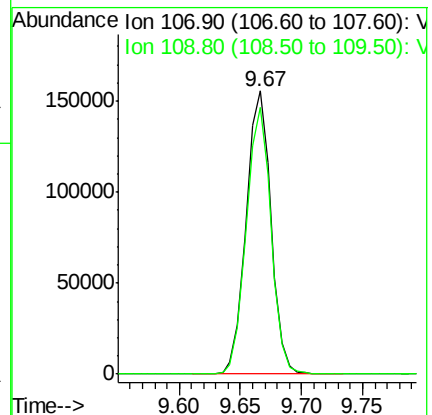
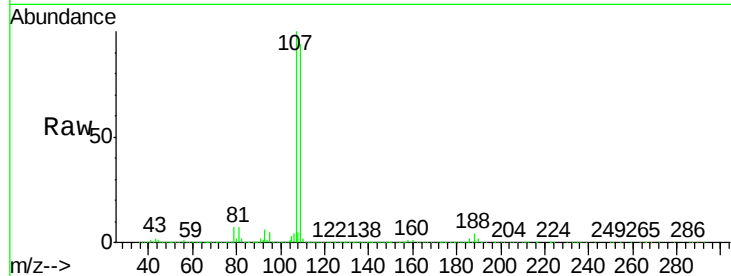
ICVVX030420

Tgt Ion: 107 Resp: 217863

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 51.179 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

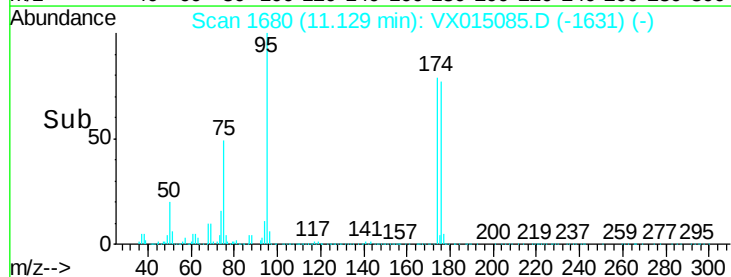
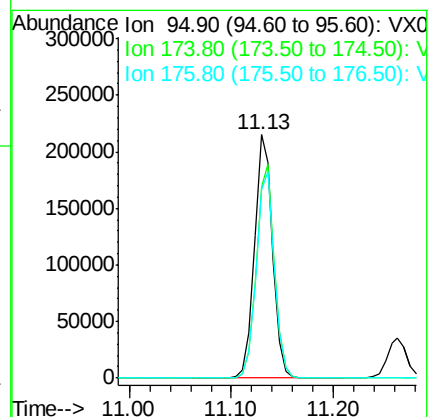
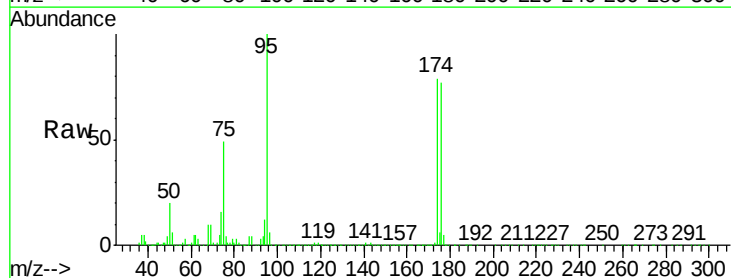
Tgt Ion: 95 Resp: 265413

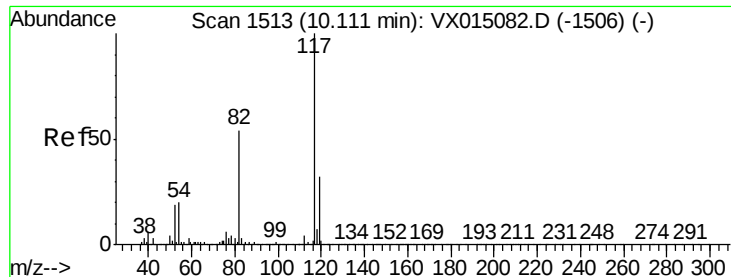
Ion Ratio Lower Upper

95 100

174 87.6 0.0 177.6

176 86.0 0.0 170.2

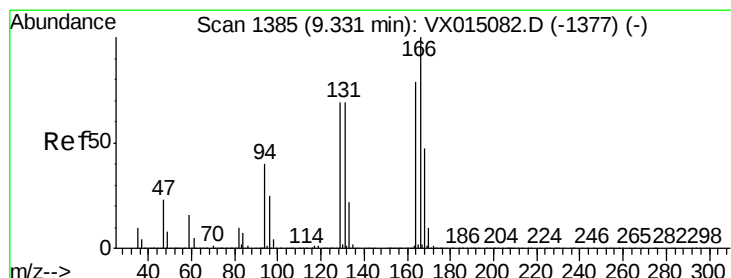
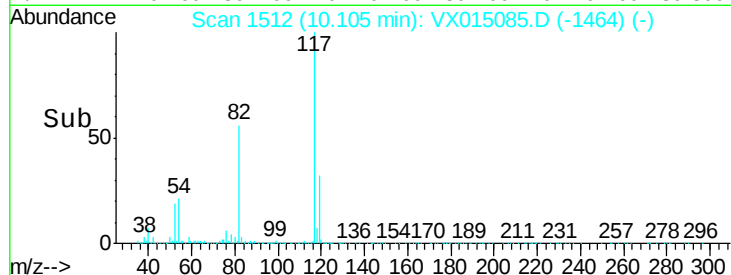
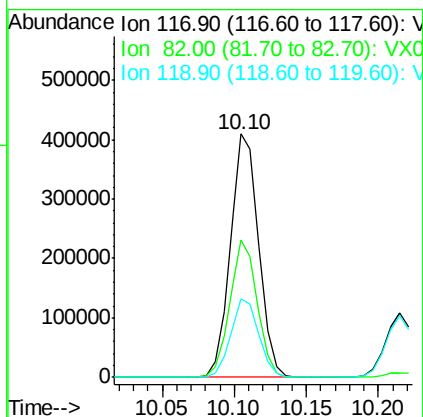
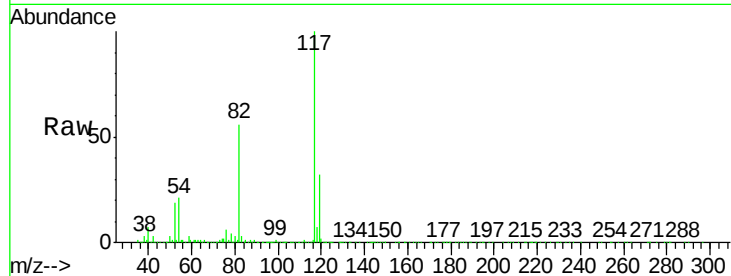




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

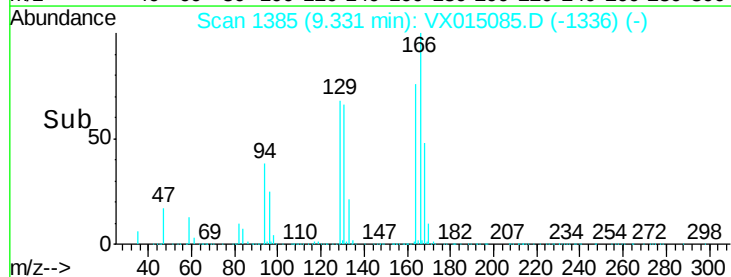
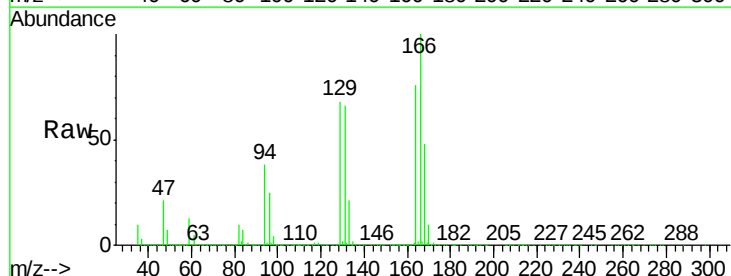
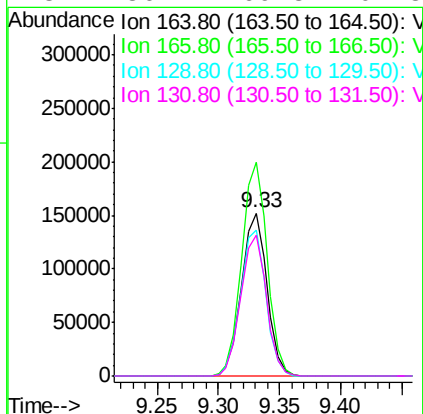
Instrument :
MSVOA_X
ClientSampled :
ICVX030420

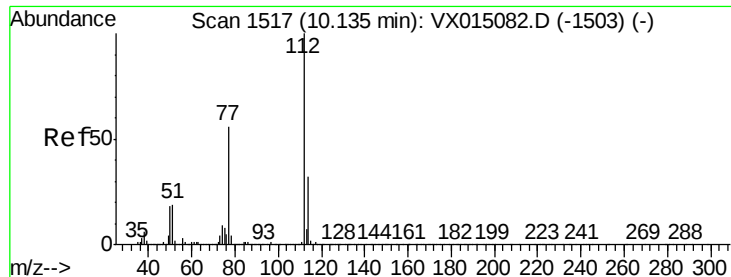
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.3	64.9
119	32.5	25.8	38.8



#64
Tetrachloroethene
Concen: 47.205 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	101.1	151.7
129	89.4	69.4	104.0
131	86.1	69.8	104.8





#65

Chlorobenzene

Concen: 50.181 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

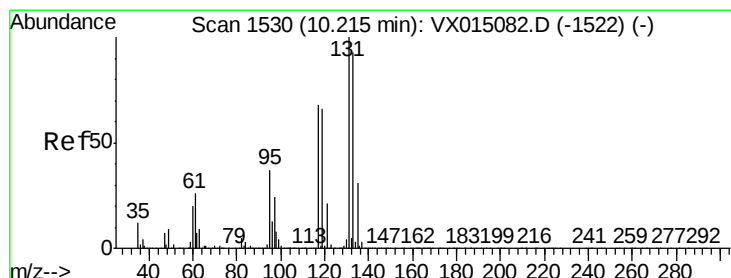
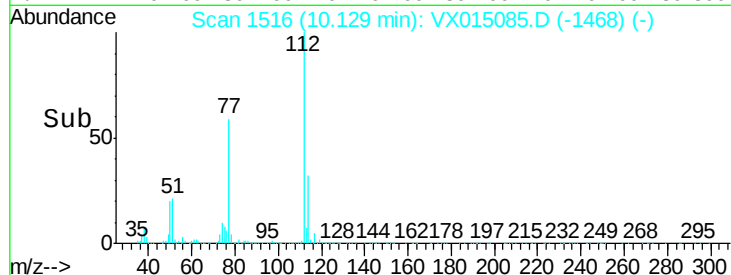
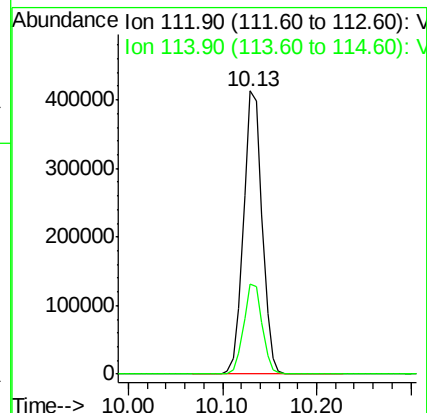
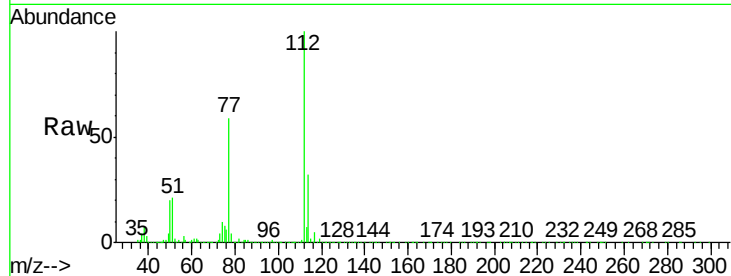
ICVVX030420

Tgt Ion:112 Resp: 565074

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.776 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

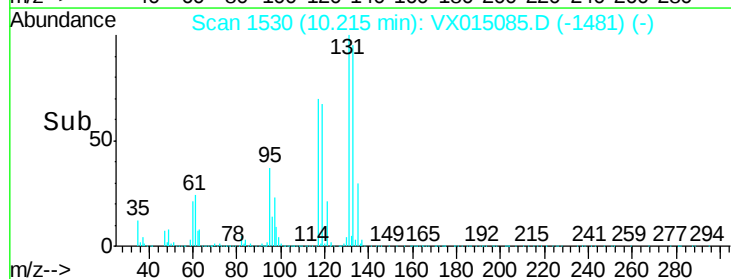
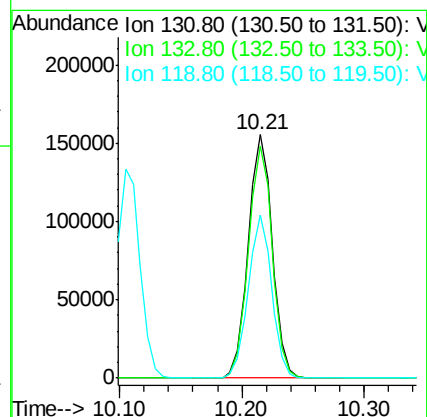
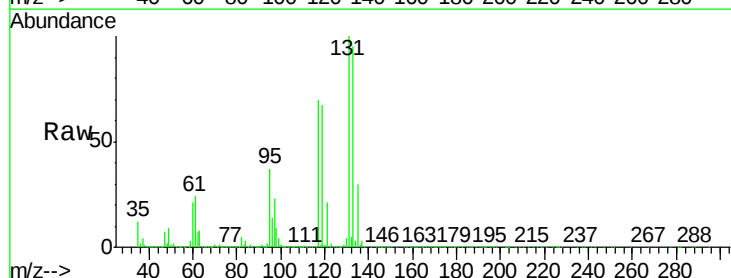
Tgt Ion:131 Resp: 211354

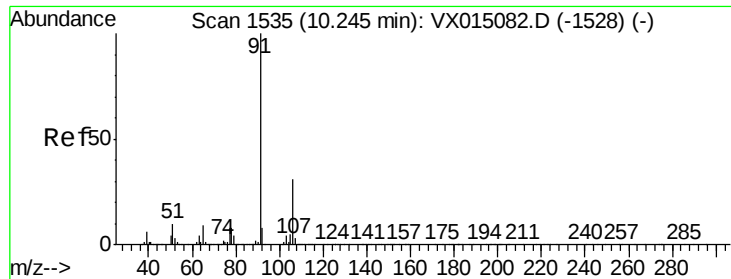
Ion Ratio Lower Upper

131 100

133 94.9 47.5 142.5

119 65.3 33.4 100.1

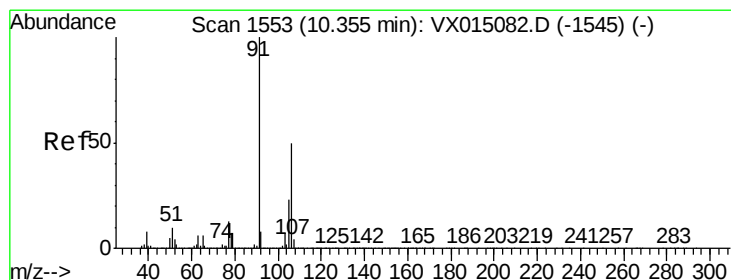
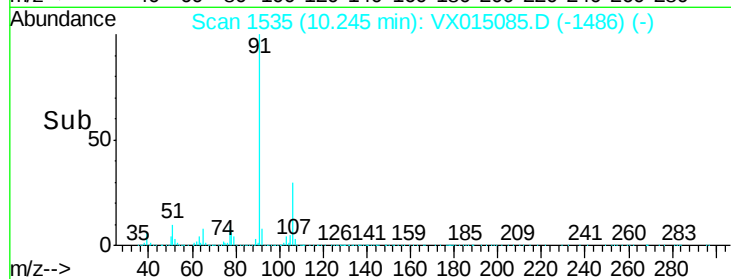
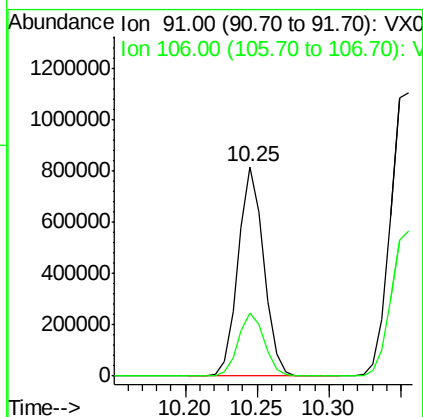
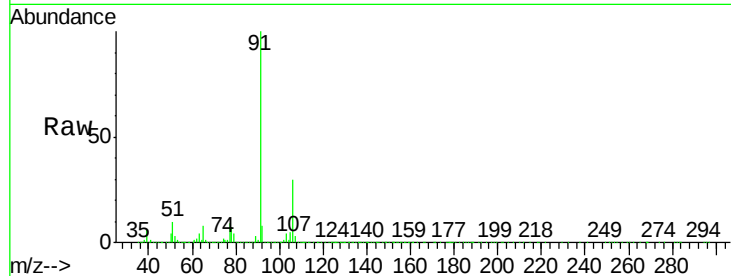




#67
Ethyl Benzene
Concen: 52.833 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

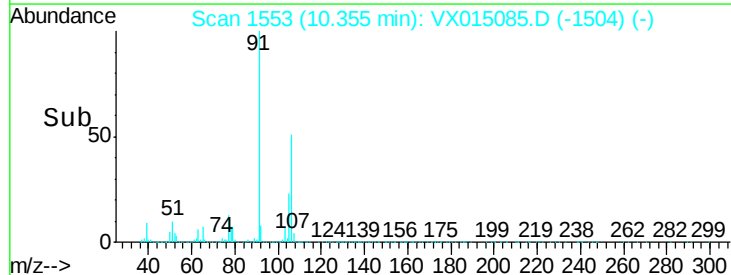
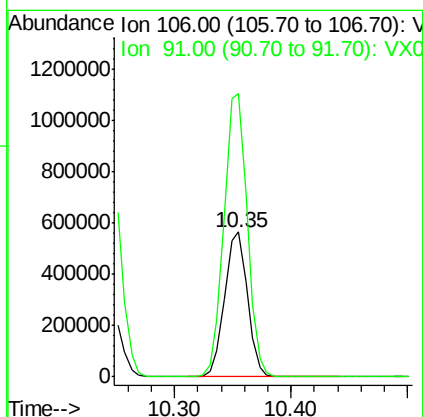
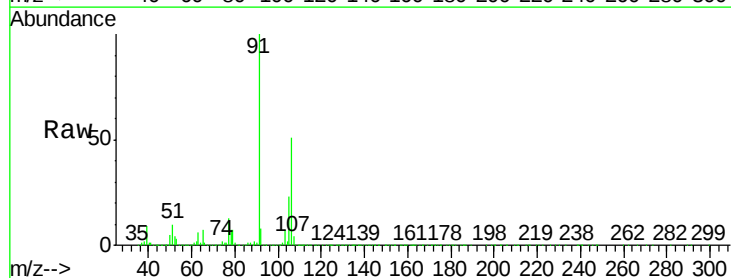
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

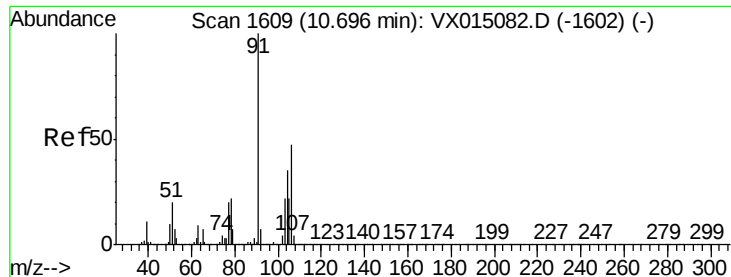
Tgt Ion: 91 Resp: 1010265
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3



#68
m/p-Xylenes
Concen: 105.314 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 106 Resp: 766174
Ion Ratio Lower Upper
106 100
91 199.3 159.4 239.2

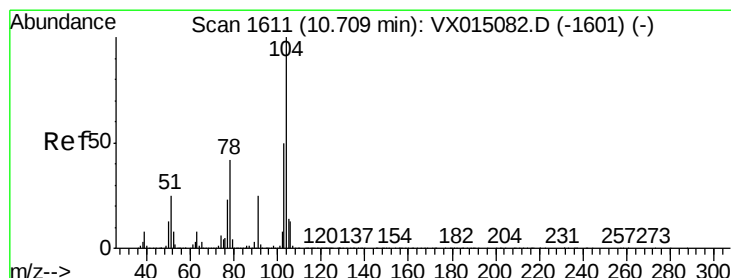
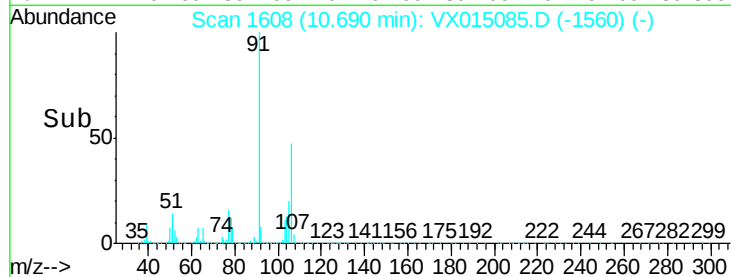
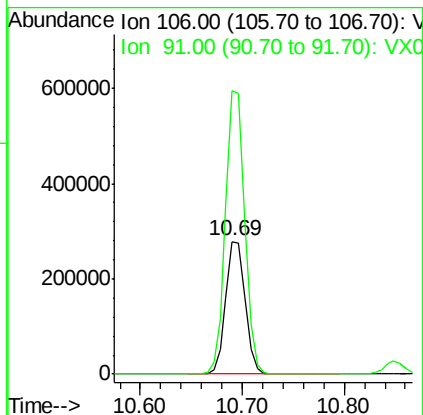
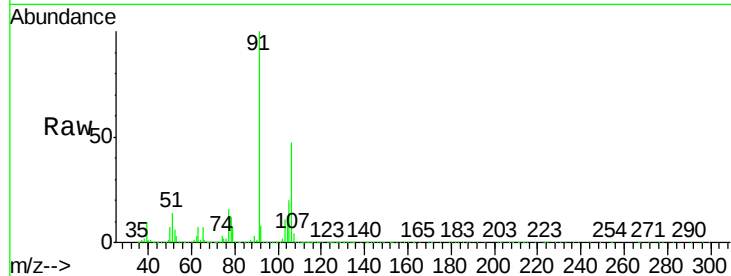




#69
o-Xylene
Concen: 52.765 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

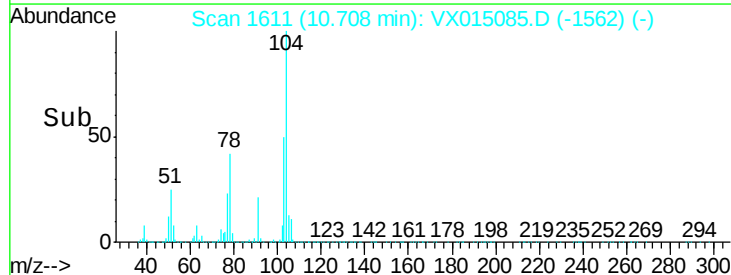
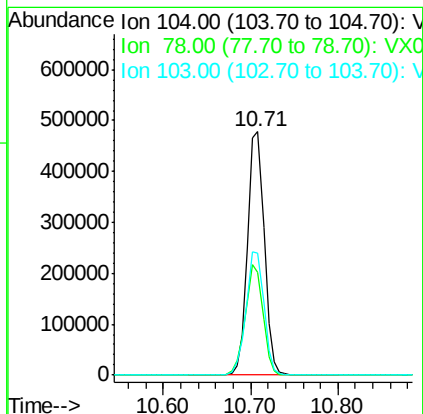
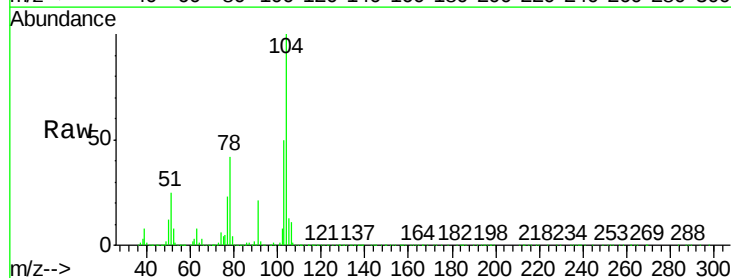
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

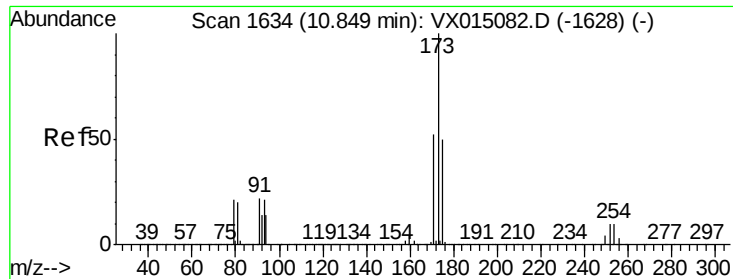
Tgt Ion:106 Resp: 367530
Ion Ratio Lower Upper
106 100
91 212.0 105.4 316.1



#70
Styrene
Concen: 52.896 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion:104 Resp: 631735
Ion Ratio Lower Upper
104 100
78 48.4 39.0 58.4
103 54.5 43.7 65.5

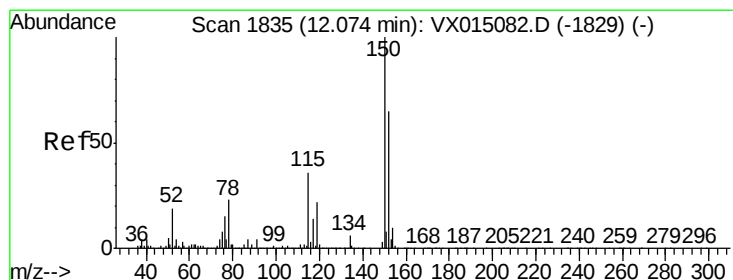
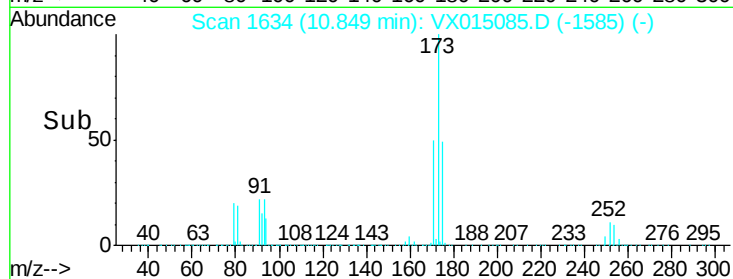
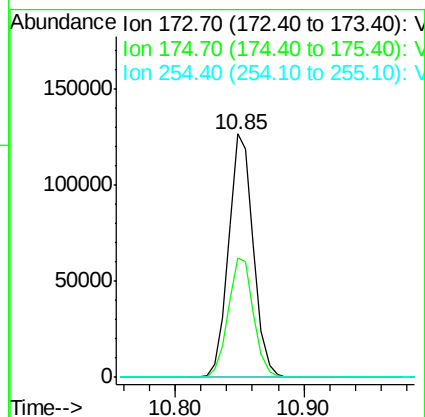
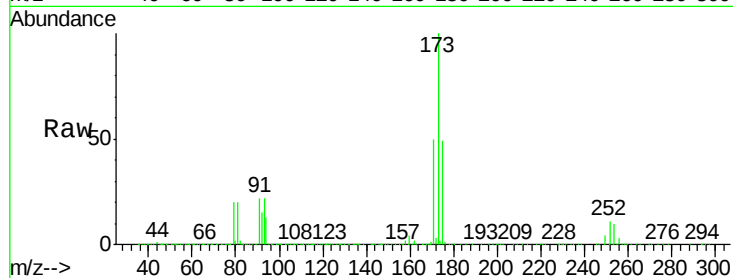




#71
Bromoform
Concen: 51.814 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

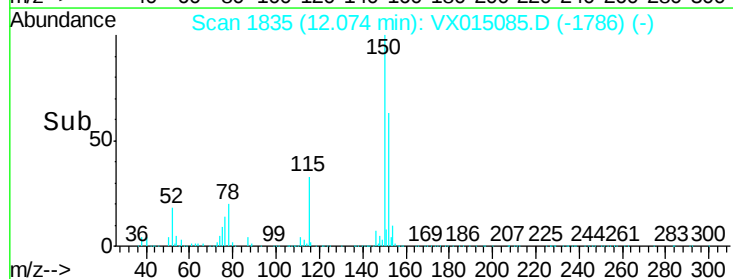
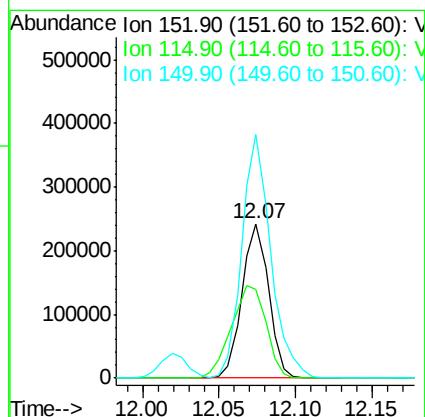
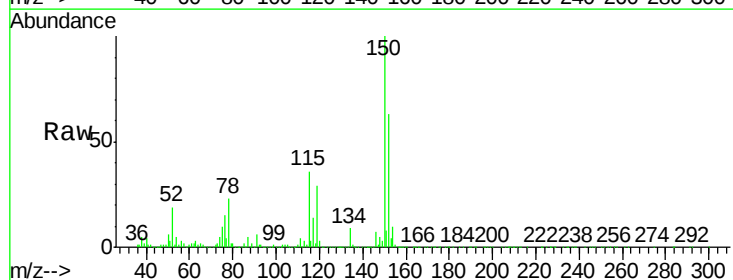
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

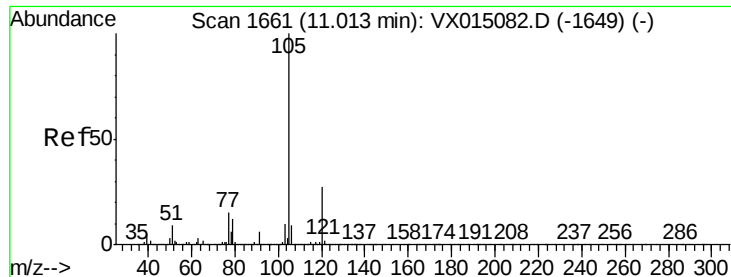
Tgt Ion:173 Resp: 170609
Ion Ratio Lower Upper
173 100
175 50.5 24.9 74.7
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion:152 Resp: 292076
Ion Ratio Lower Upper
152 100
115 78.1 38.2 114.6
150 171.6 0.0 343.8





#73

Isopropylbenzene

Concen: 52.691 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

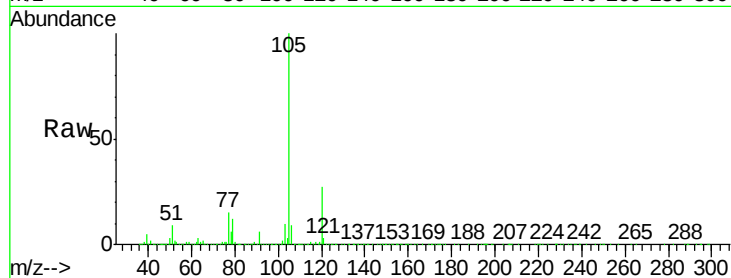
ICVVX030420

Tgt Ion:105 Resp: 983104

Ion Ratio Lower Upper

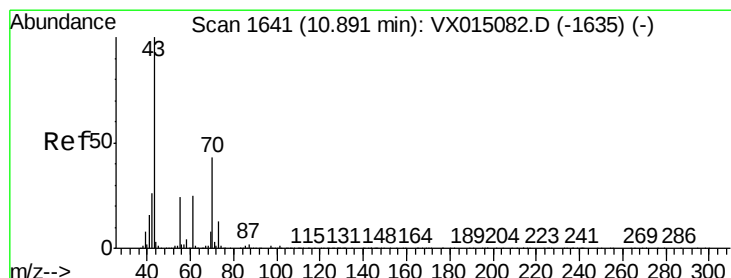
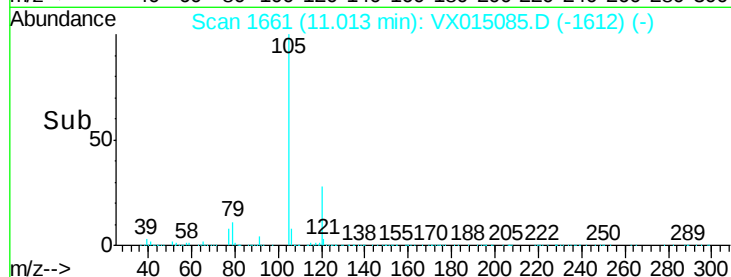
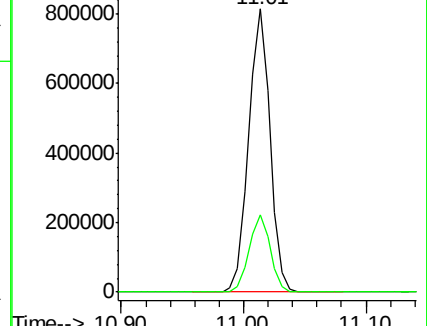
105 100

120 27.1 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.705 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion: 43 Resp: 430149

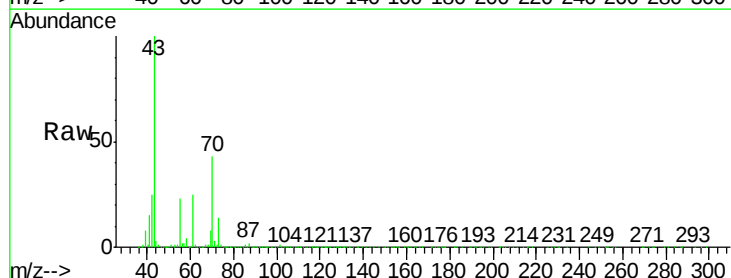
Ion Ratio Lower Upper

43 100

70 42.7 34.7 52.1

55 23.5 19.4 29.0

61 24.5 19.0 28.6

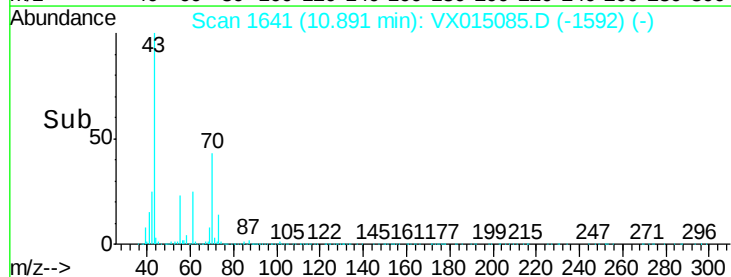
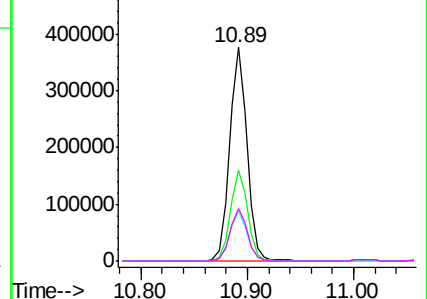


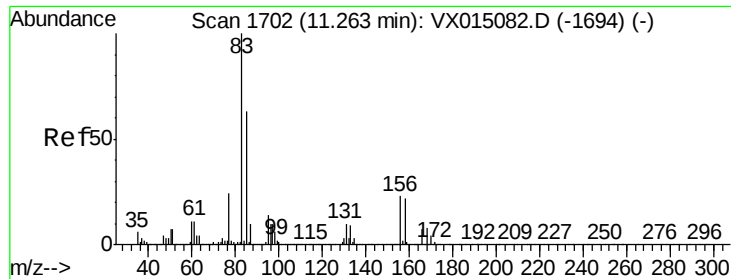
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.232 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

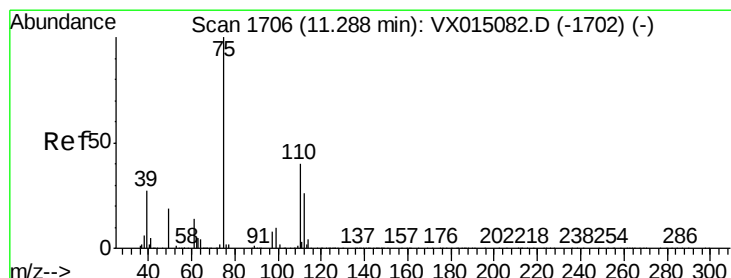
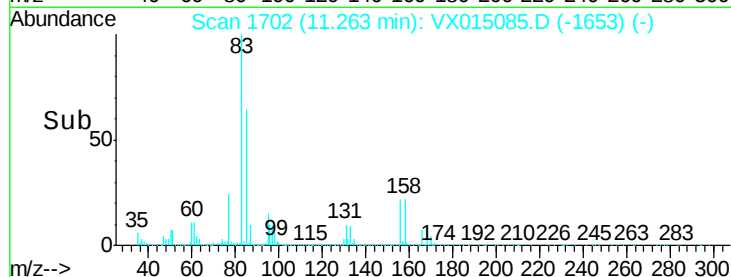
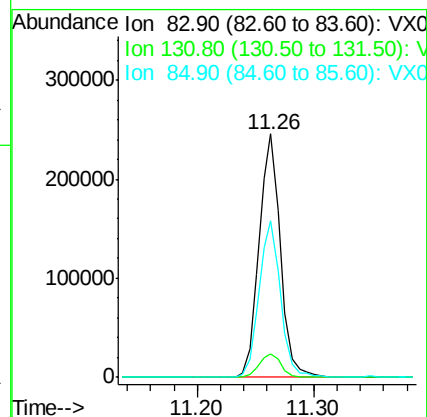
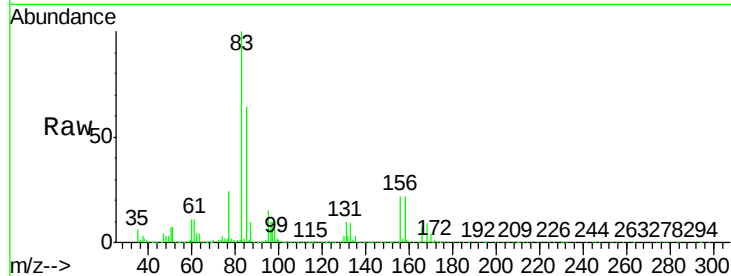
Tgt Ion: 83 Resp: 312346

Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 64.8 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 62.091 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015085.D

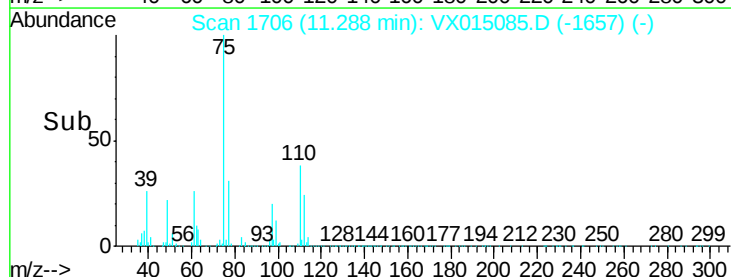
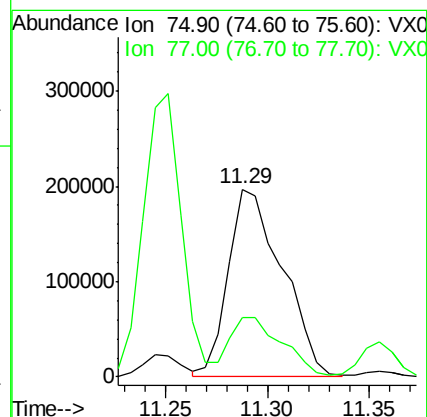
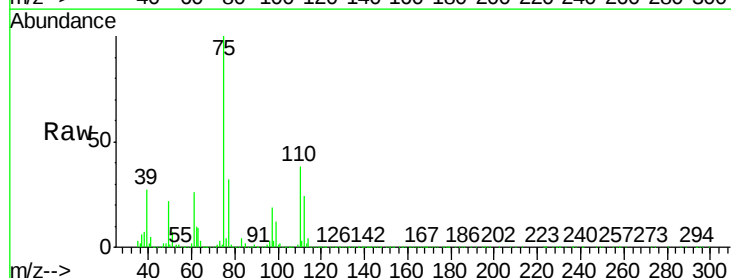
Acq: 04 Mar 2020 13:59

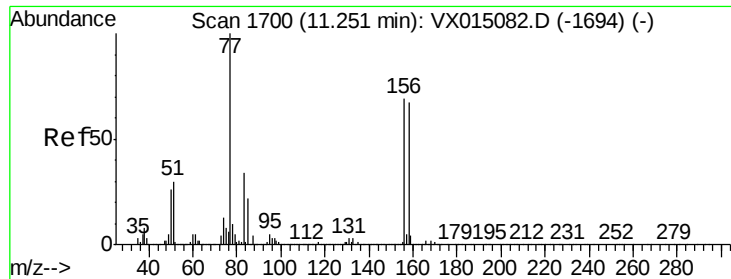
Tgt Ion: 75 Resp: 361746

Ion Ratio Lower Upper

75 100

77 31.8 22.6 67.8

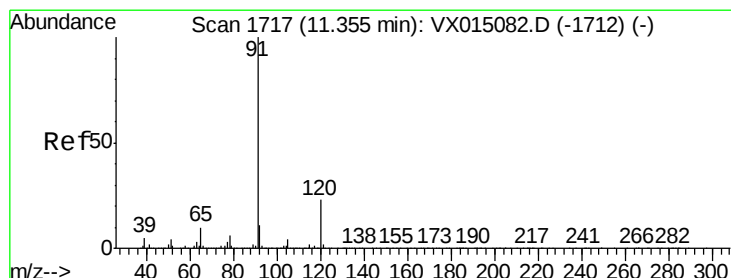
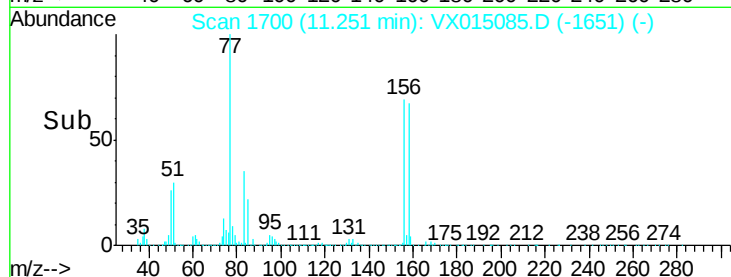
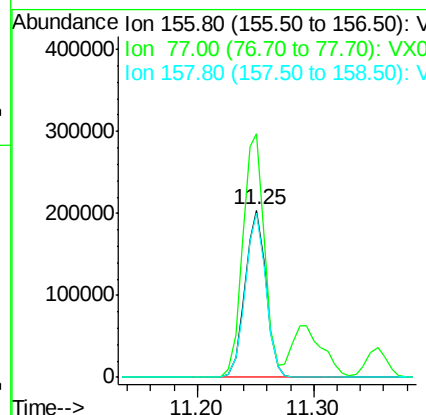
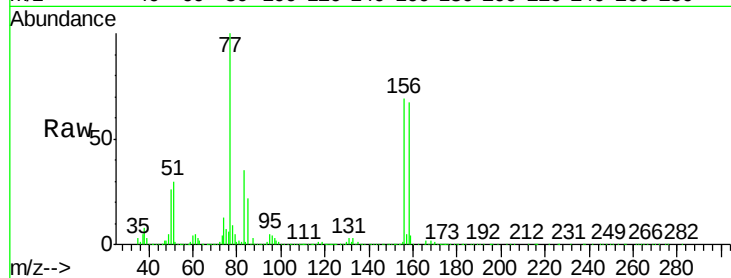




#77
Bromobenzene
Concen: 49.094 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

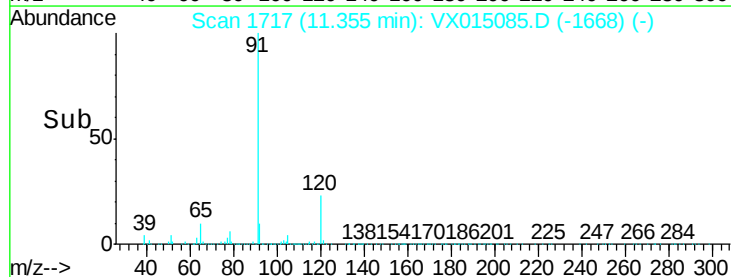
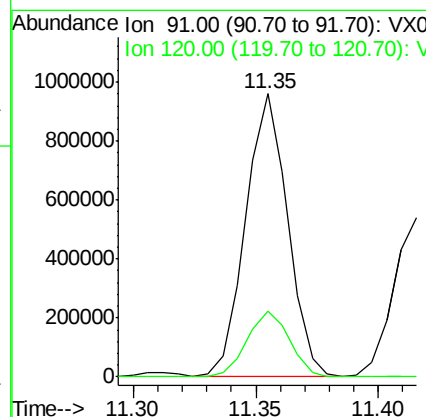
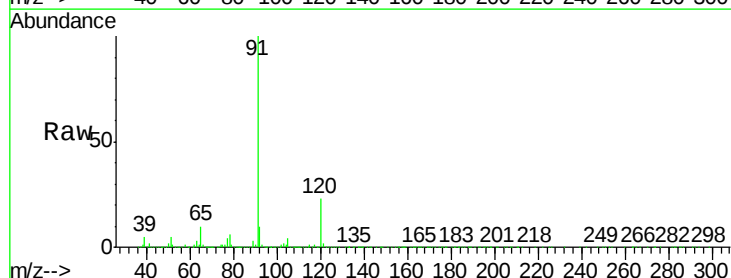
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

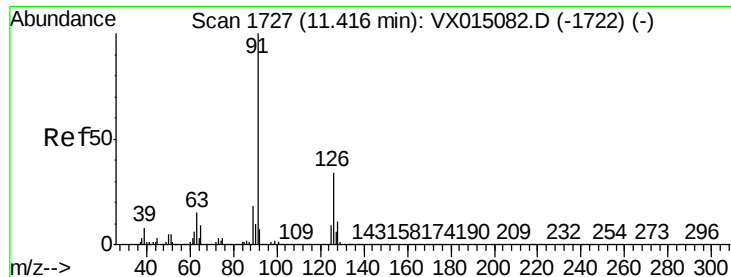
Tgt Ion: 156 Resp: 255276
Ion Ratio Lower Upper
156 100
77 150.1 75.3 225.9
158 97.5 48.5 145.6



#78
n-propylbenzene
Concen: 53.342 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 91 Resp: 1137045
Ion Ratio Lower Upper
91 100
120 23.6 11.7 35.1





#79

2-Chlorotoluene

Concen: 51.871 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampled :

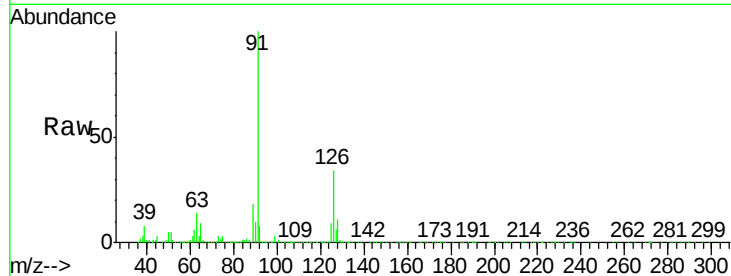
ICVX030420

Tgt Ion: 91 Resp: 660316

Ion Ratio Lower Upper

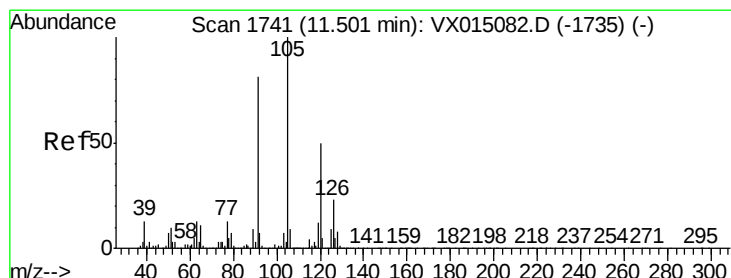
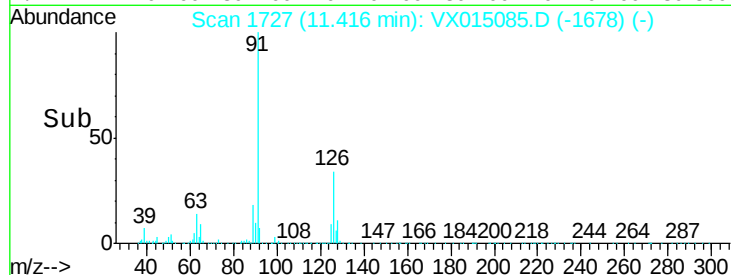
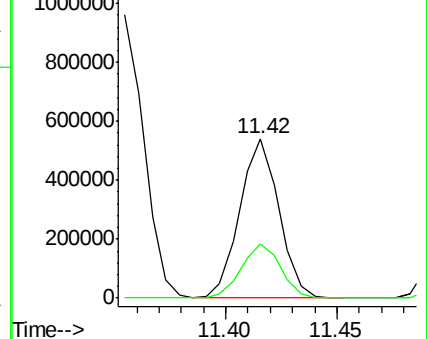
91 100

126 34.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.042 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015085.D

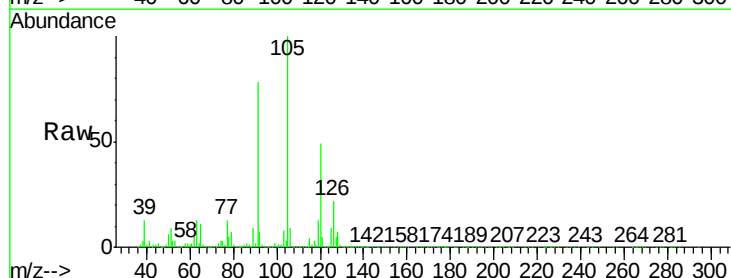
Acq: 04 Mar 2020 13:59

Tgt Ion: 105 Resp: 823846

Ion Ratio Lower Upper

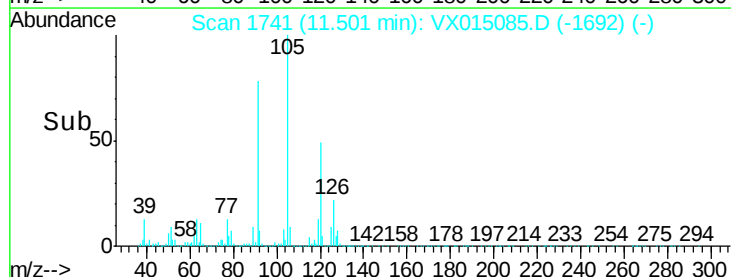
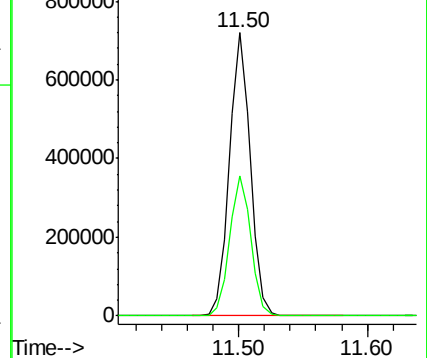
105 100

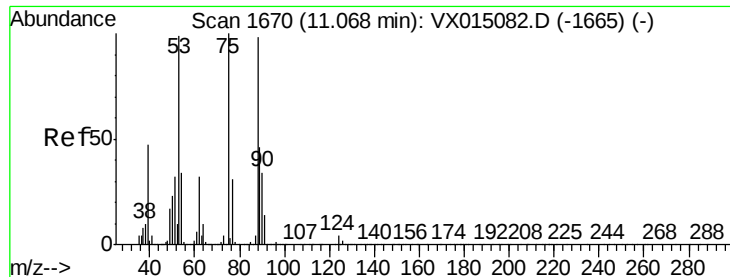
120 50.2 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 53.775 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

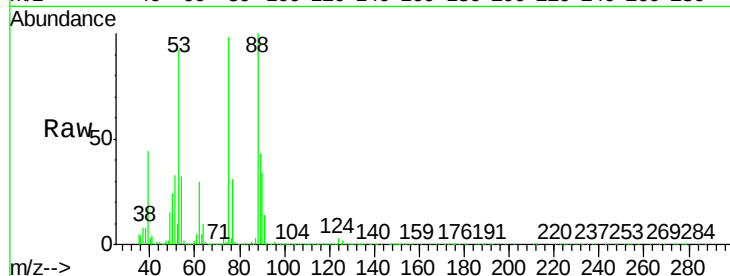
Tgt Ion: 75 Resp: 110393

Ion Ratio Lower Upper

75 100

53 93.5 77.9 116.9

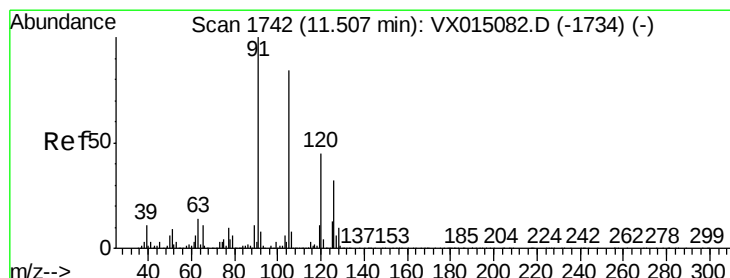
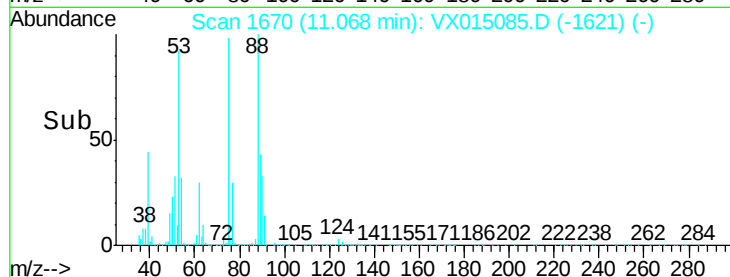
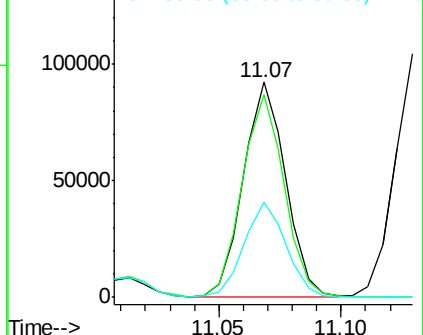
89 43.9 36.2 54.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.354 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015085.D

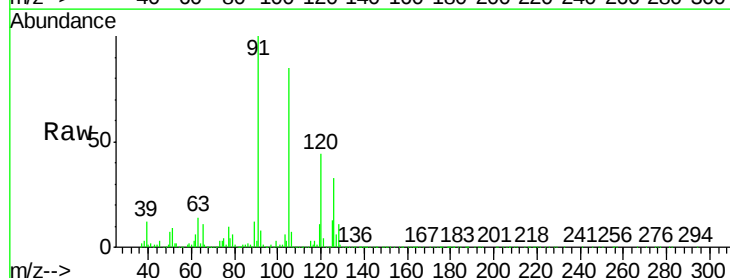
Acq: 04 Mar 2020 13:59

Tgt Ion: 91 Resp: 772347

Ion Ratio Lower Upper

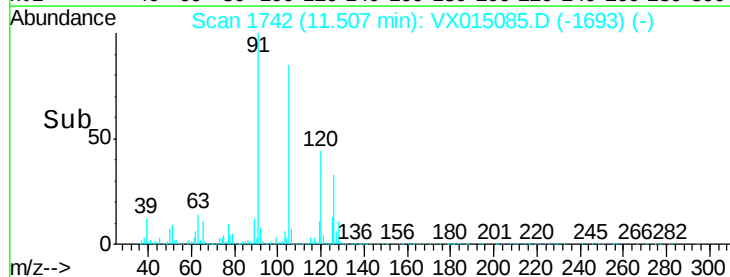
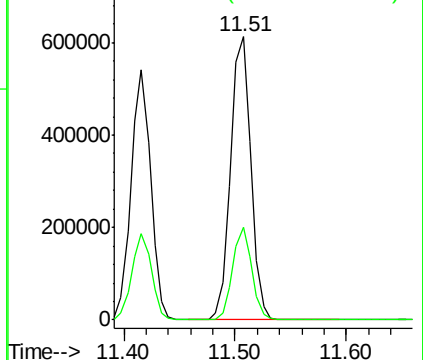
91 100

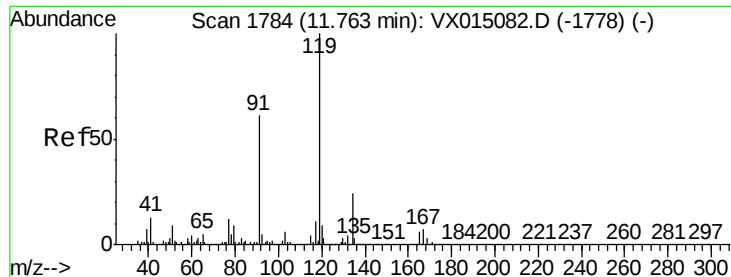
126 30.9 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

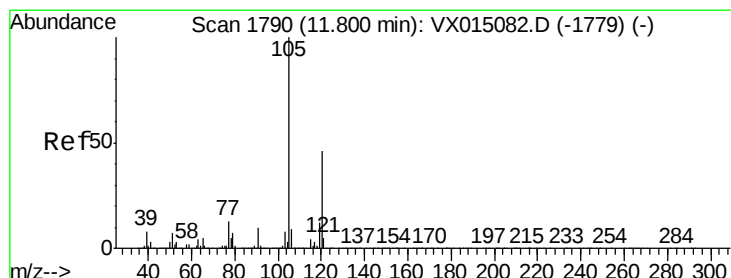
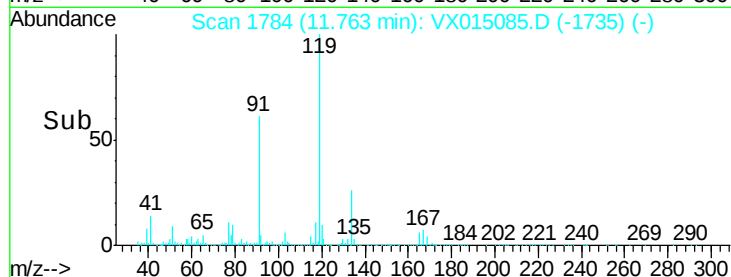
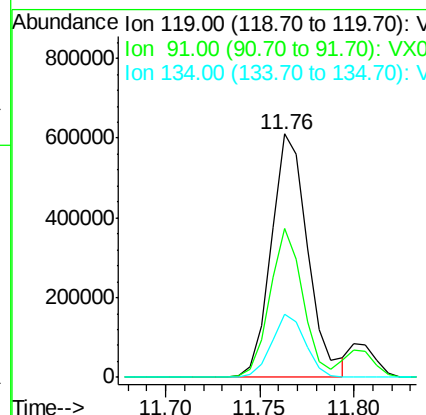
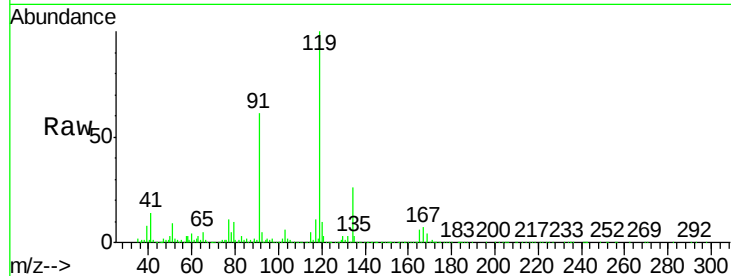




#83
 tert-Butylbenzene
 Concen: 54.531 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

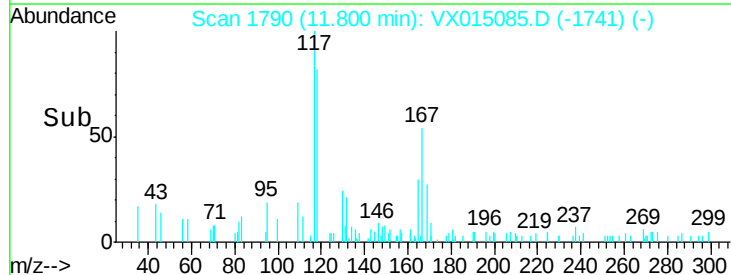
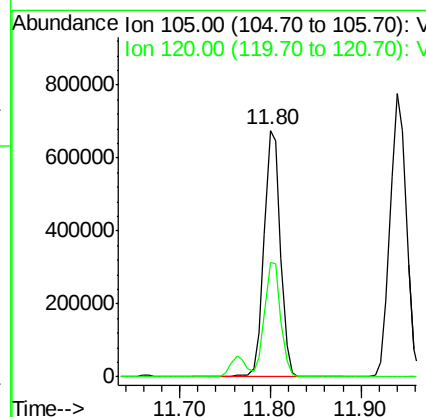
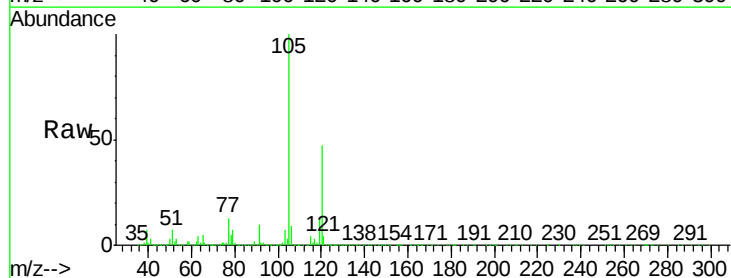
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

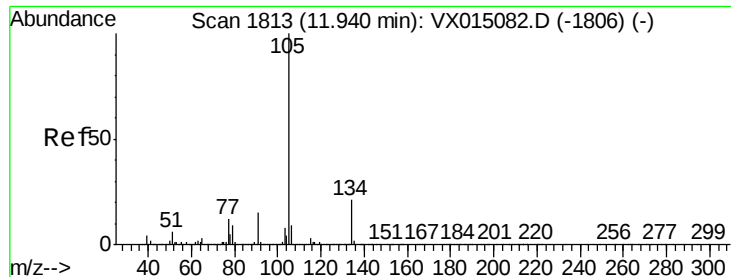
Tgt Ion:119 Resp: 818968
 Ion Ratio Lower Upper
 119 100
 91 55.3 28.5 85.6
 134 24.0 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 53.827 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion:105 Resp: 839893
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.9 68.5





#85

sec-Butylbenzene

Concen: 53.413 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

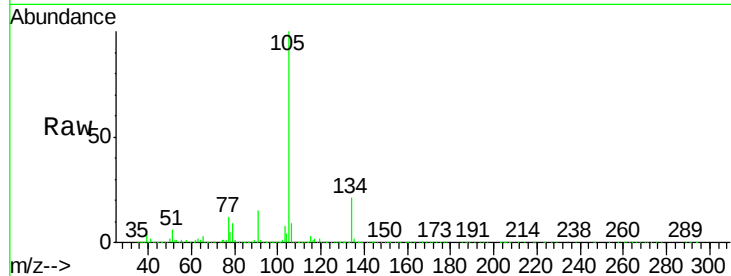
ICVVX030420

Tgt Ion:105 Resp: 968371

Ion Ratio Lower Upper

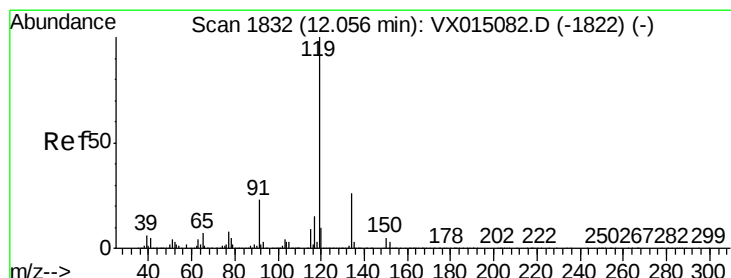
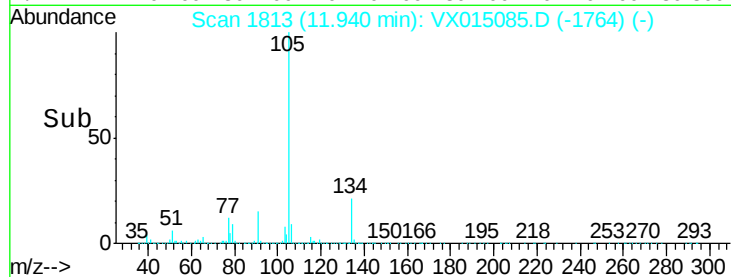
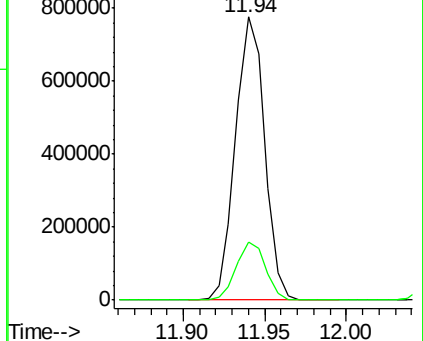
105 100

134 20.7 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.090 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

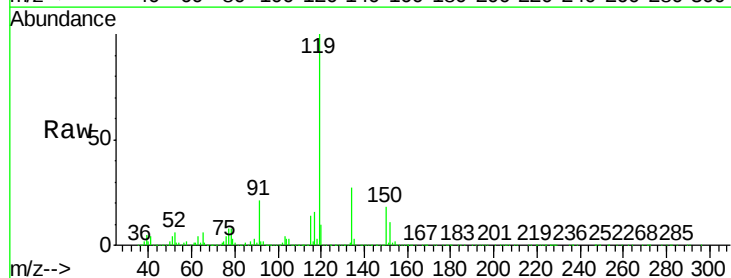
Tgt Ion:119 Resp: 903481

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

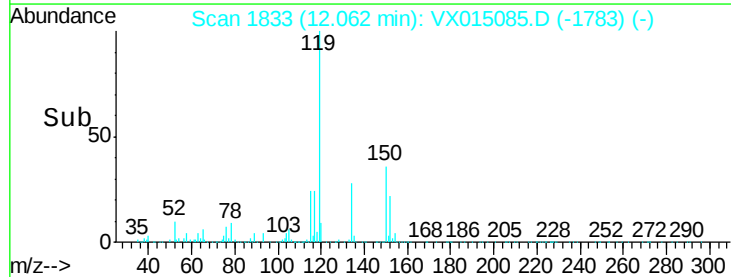
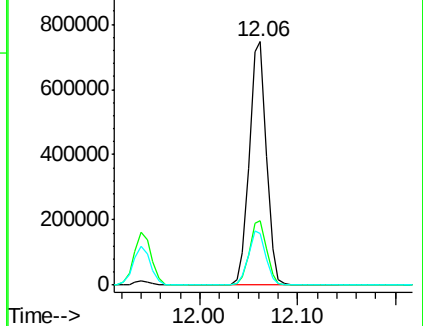
91 22.6 11.3 33.8

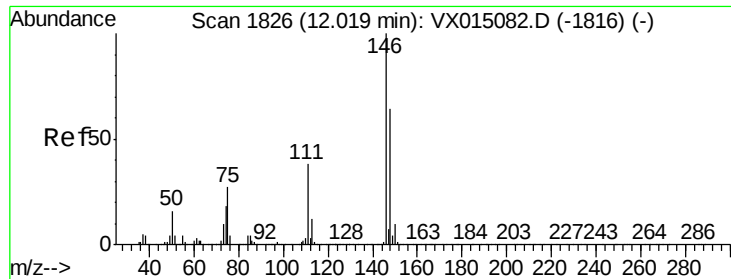


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.075 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

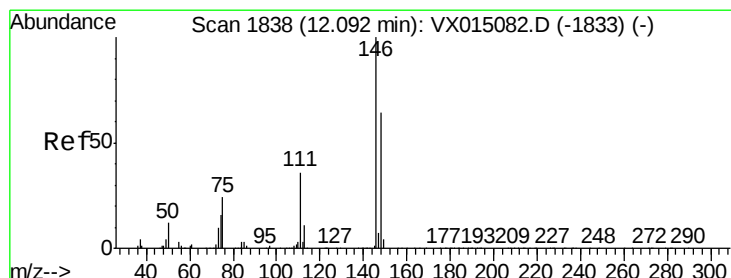
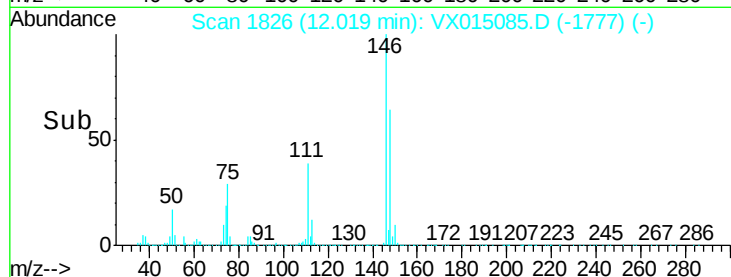
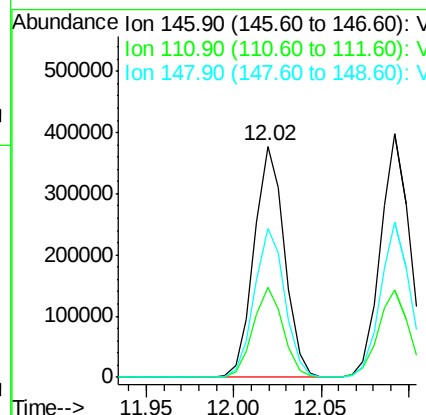
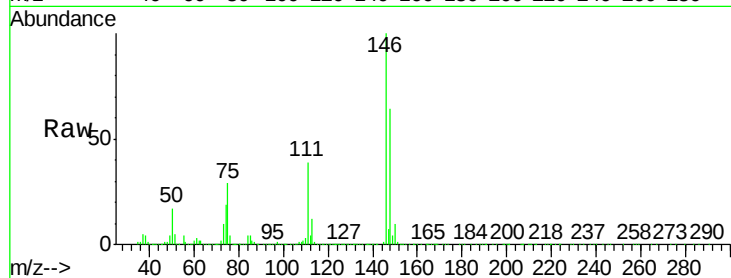
Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVX030420

Tgt Ion:146 Resp: 457729

Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.3	31.9	95.5



#88

1,4-Dichlorobenzene

Concen: 48.850 ug/l

RT: 12.09 min Scan# 1838

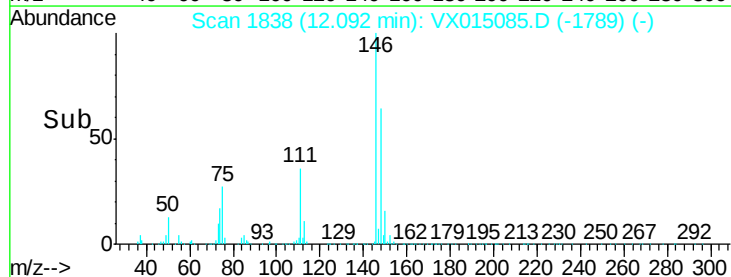
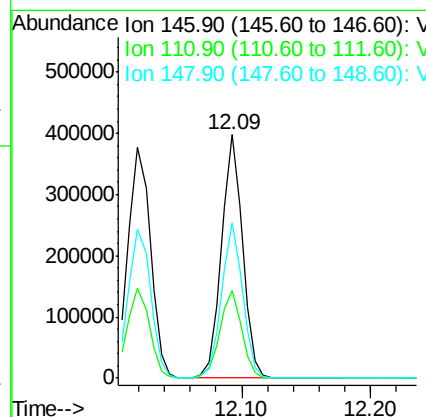
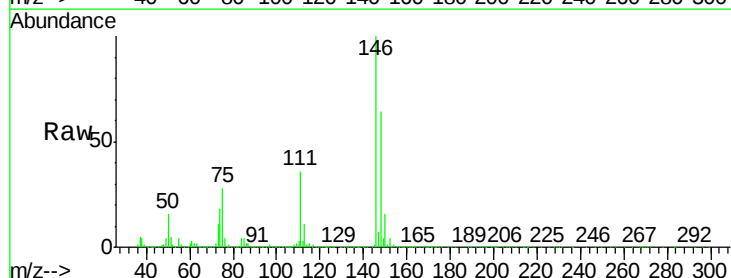
Delta R.T. -0.00 min

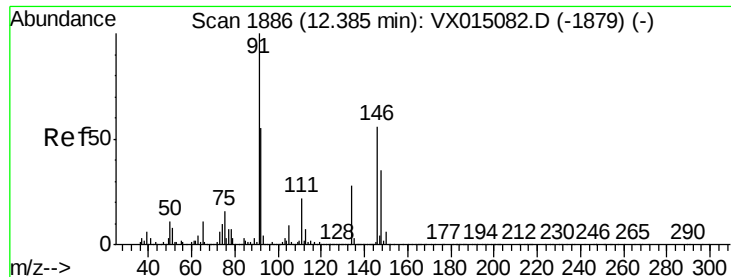
Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion:146 Resp: 461008

Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.7	56.1
148	63.8	32.5	97.4

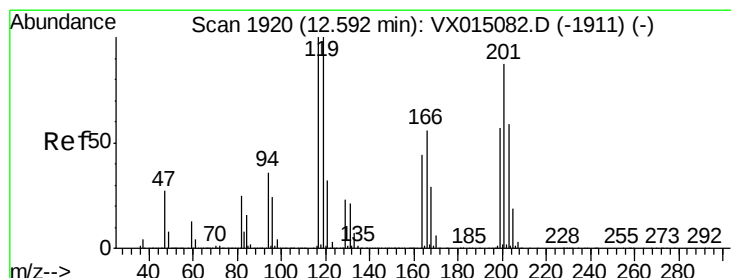
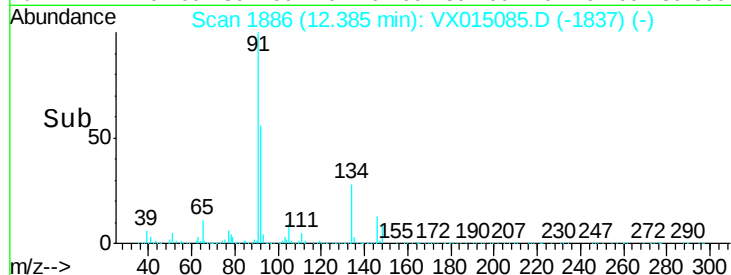
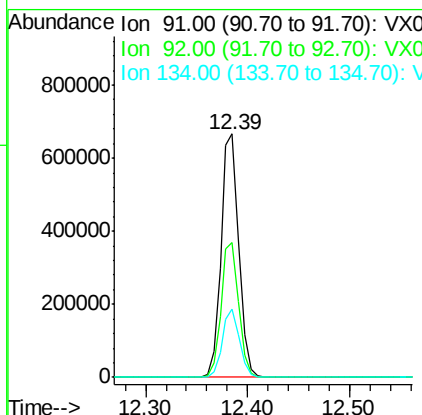
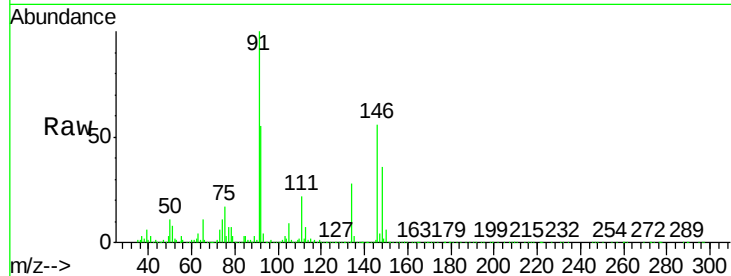




#89
n-Butylbenzene
Concen: 54.289 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

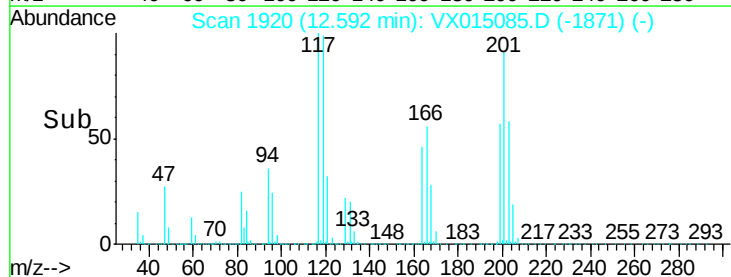
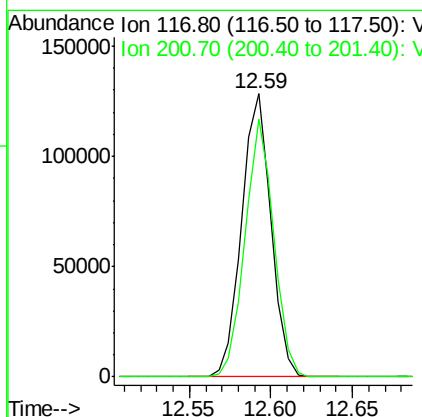
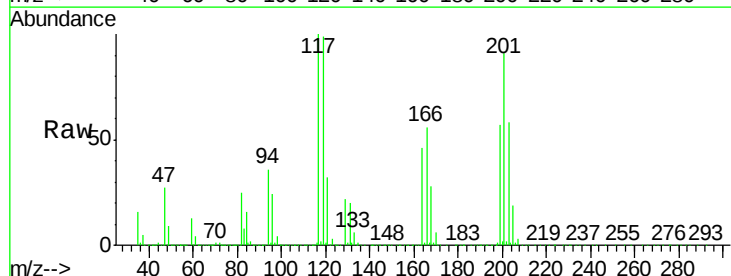
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

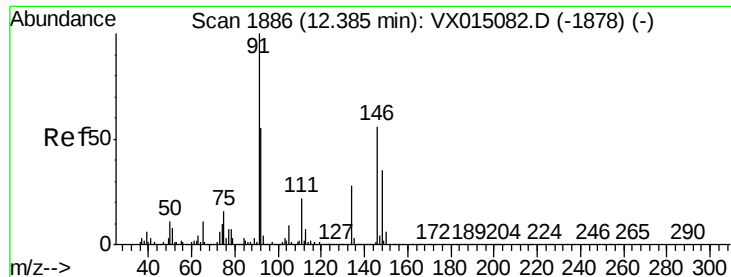
Tgt Ion: 91 Resp: 806512
Ion Ratio Lower Upper
91 100
92 55.0 27.2 81.6
134 27.0 13.5 40.5



#90
Hexachloroethane
Concen: 50.927 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 117 Resp: 160819
Ion Ratio Lower Upper
117 100
201 89.2 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 49.765 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

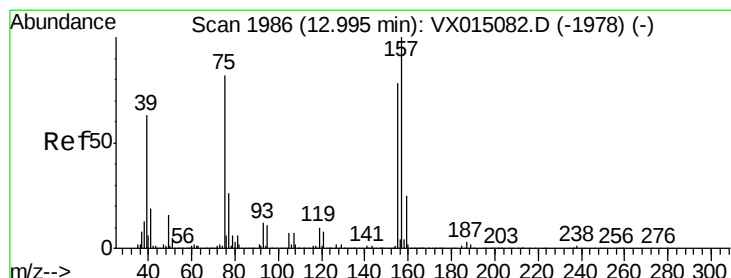
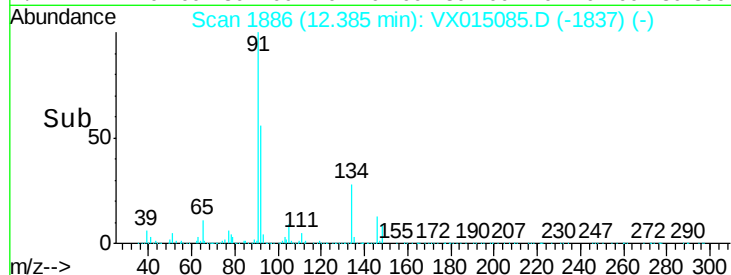
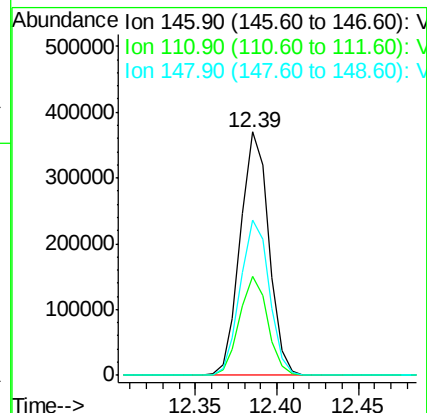
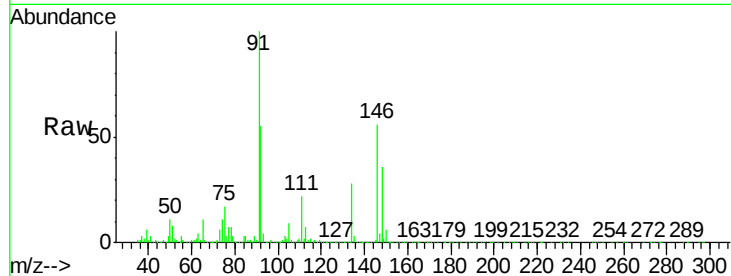
Instrument :

MSVOA_X

ClientSampleId :

ICVX030420

Tgt Ion:	146	Resp:	452267
Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	64.9	32.3	96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.026 ug/l

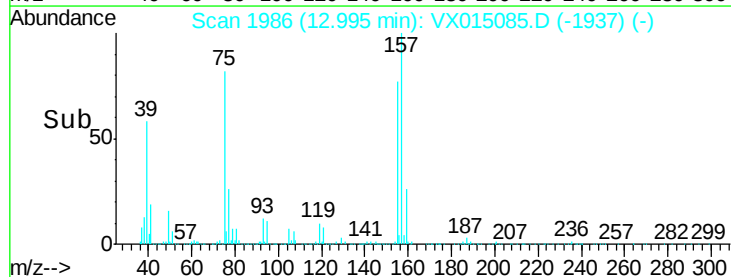
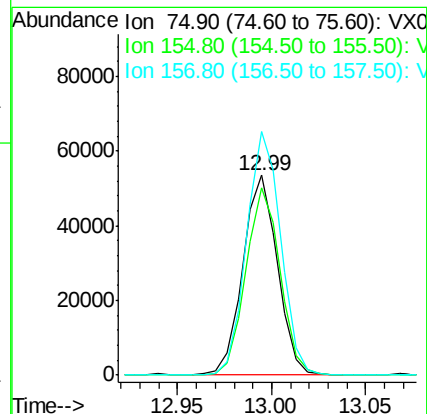
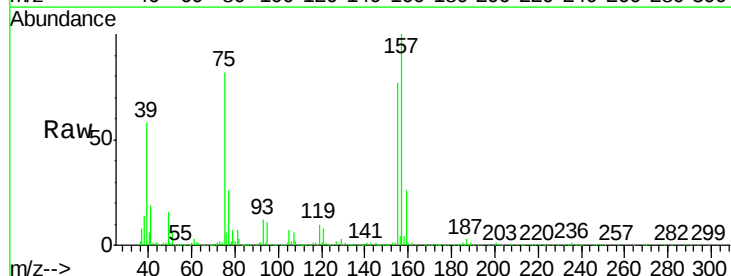
RT: 12.99 min Scan# 1986

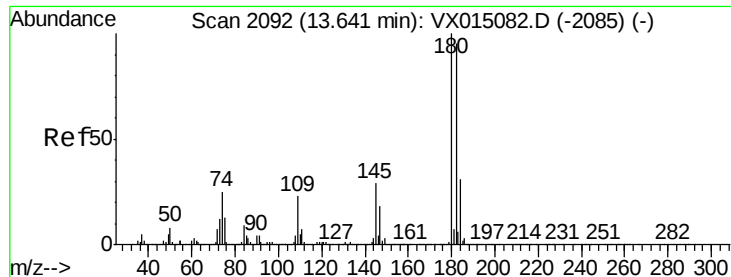
Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion:	75	Resp:	67270
Ion	Ratio	Lower	Upper
75	100		
155	94.4	46.6	139.7
157	122.5	59.2	177.5

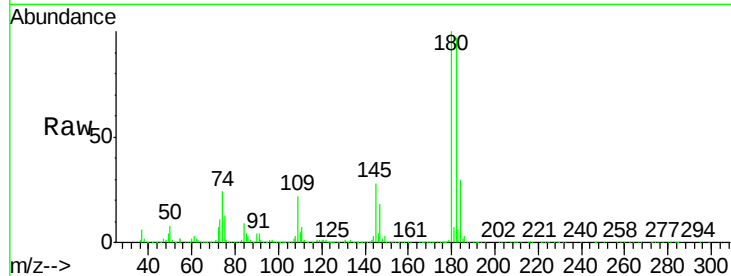




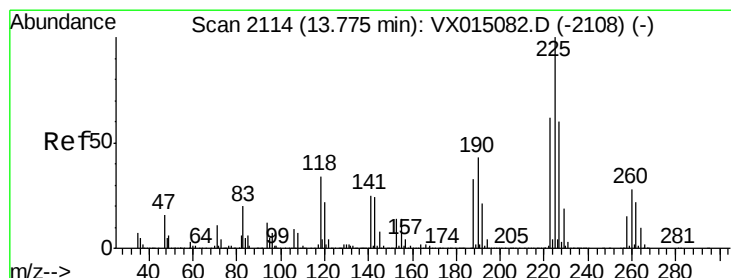
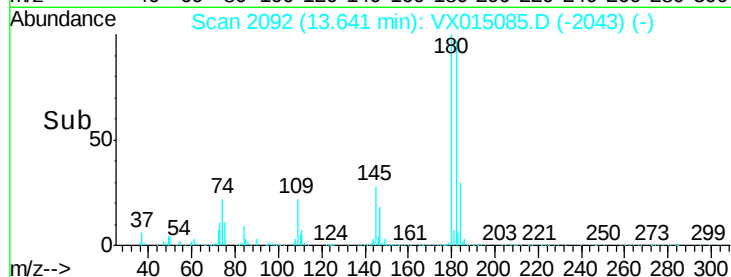
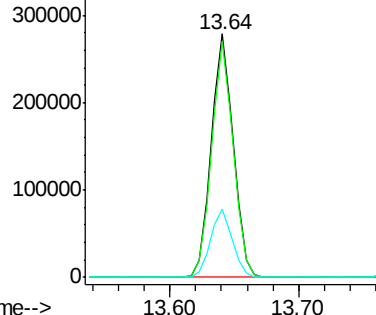
#93
 1,2,4-Trichlorobenzene
 Concen: 51.993 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

Tgt Ion:180 Resp: 327986
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.6 142.8
 145 28.1 14.1 42.2

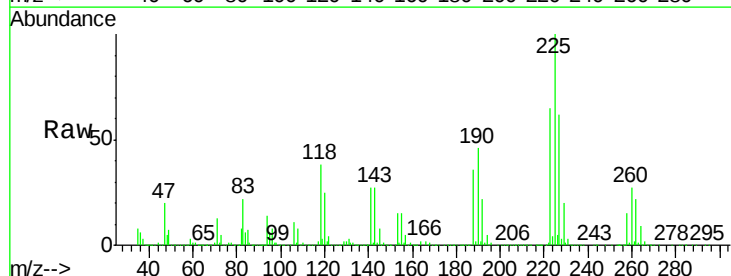


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

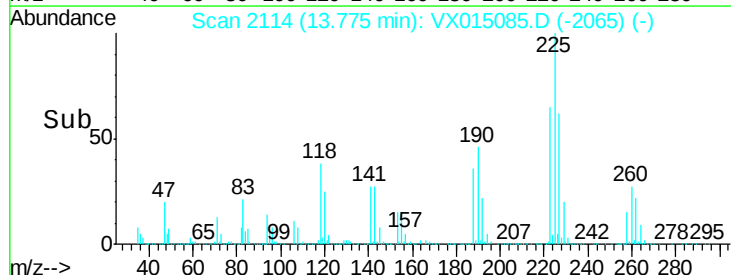
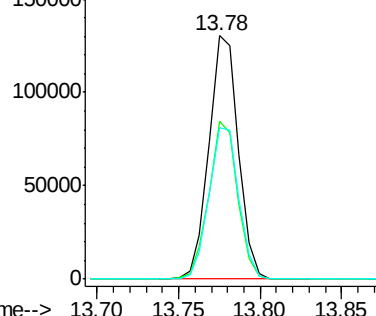


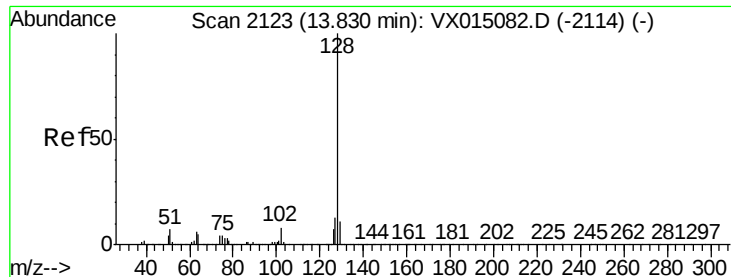
#94
 Hexachlorobutadiene
 Concen: 50.613 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion:225 Resp: 163838
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.3 93.9
 227 63.4 31.1 93.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

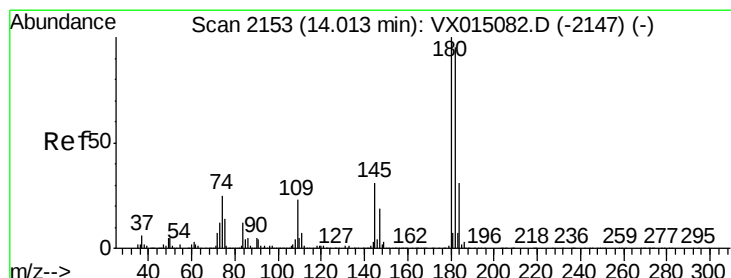
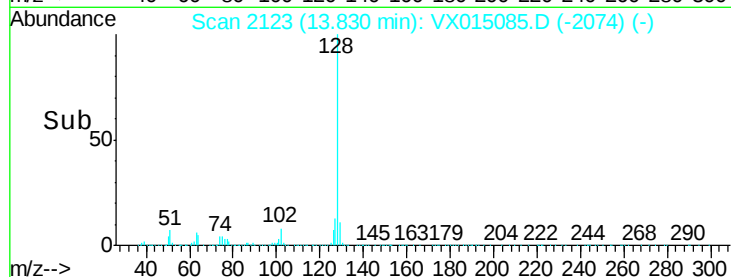
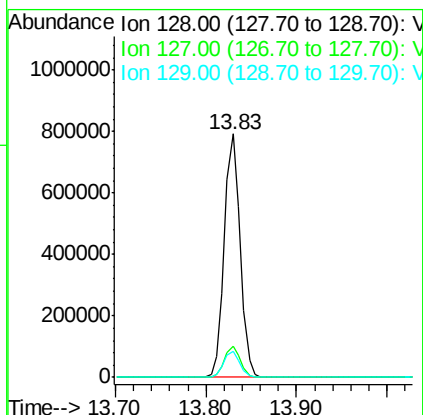
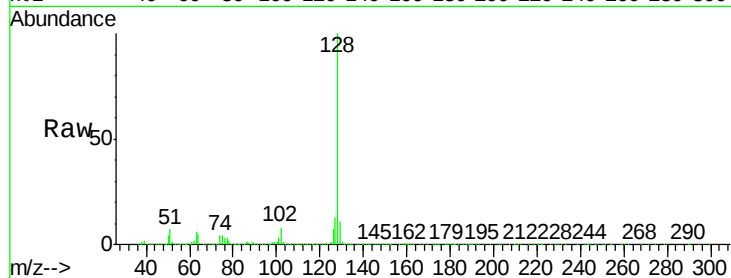




#95
Naphthalene
Concen: 49.642 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampled :
ICVVX030420

Tgt Ion:128 Resp: 959532
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.460 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion:180 Resp: 330184
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.4
145 29.6 15.1 45.3

