

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030420\
 Data File : VX015088.D
 Acq On : 04 Mar 2020 15:34
 Operator : JC/SP
 Sample : VX0304WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Quant Time: Mar 05 07:42:36 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	375612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	576765	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	528080	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	272096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	224489	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
35) Dibromofluoromethane	5.48	113	182400	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	696160	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.13	95	248980	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	64295	19.548	ug/l	100
3) Chloromethane	1.32	50	90593	19.444	ug/l	98
4) Vinyl Chloride	1.40	62	89984	19.047	ug/l	98
5) Bromomethane	1.64	94	59997	20.657	ug/l	97
6) Chloroethane	1.72	64	55413	19.553	ug/l	99
7) Trichlorofluoromethane	1.92	101	111301	19.799	ug/l	99
8) Diethyl Ether	2.18	74	51943	20.401	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72023	20.364	ug/l	99
10) Methyl Iodide	2.50	142	71938	18.004	ug/l	99
11) Tert butyl alcohol	3.03	59	78195	101.140	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69729	19.103	ug/l	99
13) Acrolein	2.28	56	64834	89.233	ug/l	98
14) Allyl chloride	2.72	41	123133	19.347	ug/l	99
15) Acrylonitrile	3.13	53	197696	102.676	ug/l	99
16) Acetone	2.44	43	168727	93.495	ug/l	99
17) Carbon Disulfide	2.56	76	192121	18.953	ug/l	99
18) Methyl Acetate	2.76	43	85734	19.429	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	237704	20.840	ug/l	99
20) Methylene Chloride	2.85	84	80652	19.096	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	75489	19.369	ug/l	95
22) Diisopropyl ether	3.84	45	260857	20.572	ug/l	89
23) Vinyl Acetate	3.80	43	1096288	105.177	ug/l	100
24) 1,1-Dichloroethane	3.69	63	137379	19.521	ug/l	98
25) 2-Butanone	4.65	43	264897	100.263	ug/l	100
26) 2,2-Dichloropropane	4.56	77	104935	18.783	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	85289	19.506	ug/l	98
28) Bromochloromethane	5.00	49	68612	21.410	ug/l	100
29) Tetrahydrofuran	5.11	42	172064	101.031	ug/l	99
30) Chloroform	5.20	83	135522	19.757	ug/l	100
31) Cyclohexane	5.56	56	123068	19.605	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	116001	20.401	ug/l	98
36) 1,1-Dichloropropene	5.79	75	101301	18.999	ug/l	97
37) Ethyl Acetate	4.82	43	104706	21.170	ug/l	99
38) Carbon Tetrachloride	5.77	117	96426	19.159	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	124780	20.042	ug/l	98
40) Benzene	6.13	78	311766	19.708	ug/l	100
41) Methacrylonitrile	5.03	41	60045	20.212	ug/l	97
42) 1,2-Dichloroethane	6.18	62	111200	20.469	ug/l	98
43) Isopropyl Acetate	6.43	43	176934	20.335	ug/l	100
44) Trichloroethene	7.20	130	86414	19.615	ug/l	99
45) 1,2-Dichloropropane	7.50	63	81392	19.878	ug/l	99
46) Dibromomethane	7.65	93	54362	20.375	ug/l	99
47) Bromodichloromethane	7.89	83	104105	19.732	ug/l	98
48) Methyl methacrylate	7.76	41	87081	19.664	ug/l	98
49) 1,4-Dioxane	7.75	88	38441	401.482	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	533406	103.685	ug/l	100
52) Toluene	8.78	92	195234	20.185	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	116025	20.661	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	126065	19.857	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	80754	20.284	ug/l	96
56) Ethyl methacrylate	9.17	69	118385	20.848	ug/l	99
57) 1,3-Dichloropropane	9.36	76	136473	20.376	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	307960	99.549	ug/l	100
59) 2-Hexanone	9.48	43	395580	103.745	ug/l	99
60) Dibromochloromethane	9.57	129	83825	20.044	ug/l	100
61) 1,2-Dibromoethane	9.67	107	84087	20.109	ug/l	100
64) Tetrachloroethene	9.33	164	86252	19.754	ug/l	98
65) Chlorobenzene	10.13	112	210621	19.866	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	79081	19.781	ug/l	99
67) Ethyl Benzene	10.24	91	366418	20.353	ug/l	99
68) m/p-Xylenes	10.35	106	283276	41.357	ug/l	100
69) o-Xylene	10.70	106	135659	20.686	ug/l	98
70) Styrene	10.71	104	227934	20.271	ug/l	99
71) Bromoform	10.85	173	61572	19.861	ug/l #	100
73) Isopropylbenzene	11.01	105	357124	20.546	ug/l	100
74) N-amyl acetate	10.89	43	147523	20.139	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	116516	20.114	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	130953	24.128	ug/l	81
77) Bromobenzene	11.25	156	96864	19.996	ug/l	98
78) n-propylbenzene	11.35	91	408324	20.562	ug/l	100
79) 2-Chlorotoluene	11.42	91	242466	20.446	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	300435	20.763	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35773	18.706	ug/l	93
82) 4-Chlorotoluene	11.51	91	287005	20.485	ug/l	99
83) tert-Butylbenzene	11.76	119	287540	20.552	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	307764	21.172	ug/l	98
85) sec-Butylbenzene	11.94	105	353609	20.937	ug/l	100
86) p-Isopropyltoluene	12.06	119	328412	21.105	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	169518	19.907	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	174048	19.797	ug/l	99
89) n-Butylbenzene	12.38	91	286121	20.674	ug/l	99
90) Hexachloroethane	12.59	117	55865	18.990	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	167185	19.747	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	23881	20.588	ug/l	100

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

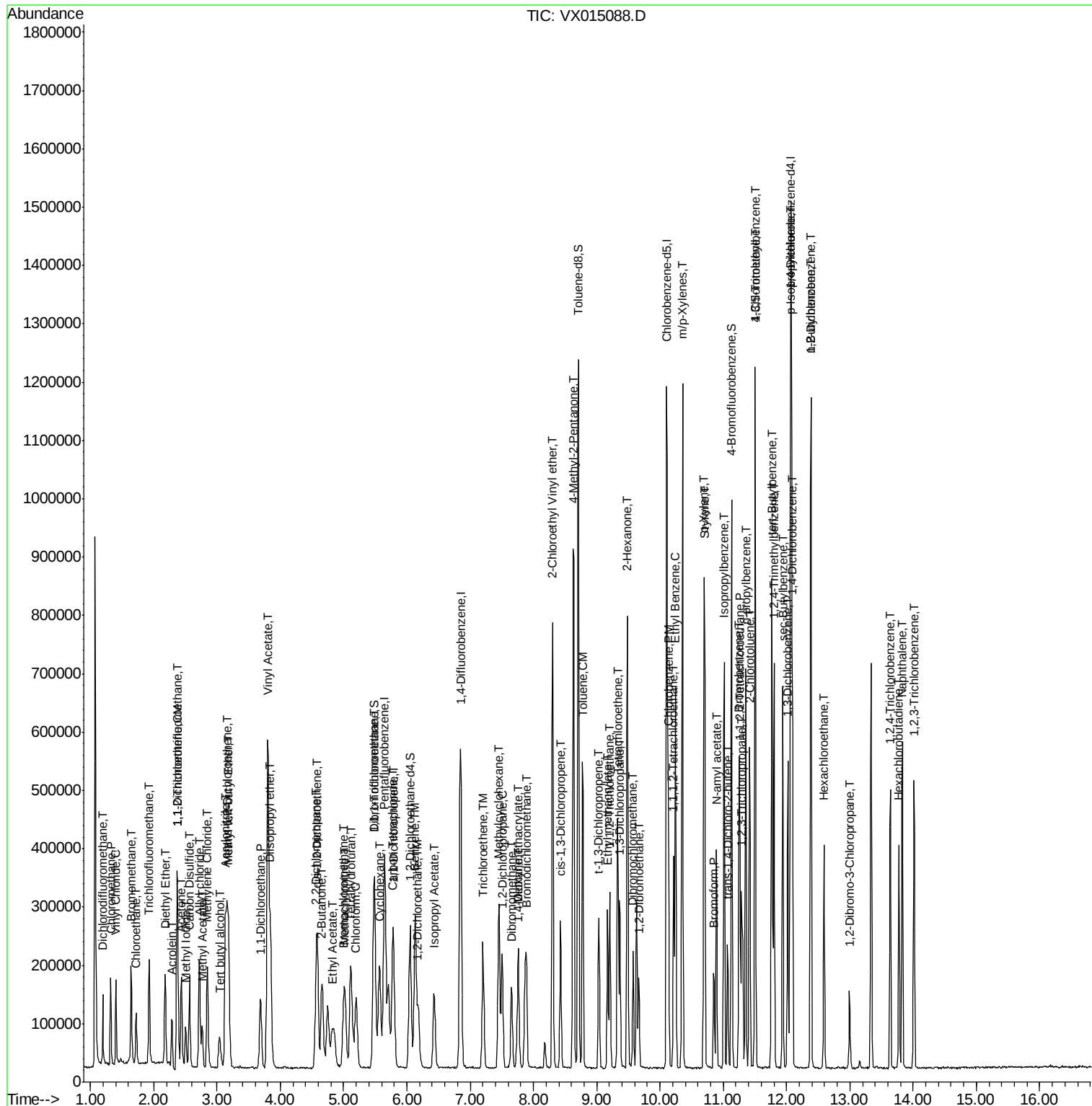
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	119468	20.329	ug/l	100
94) Hexachlorobutadiene	13.77	225	58878	19.524	ug/l	98
95) Naphthalene	13.83	128	342640	19.904	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	122772	20.938	ug/l	99

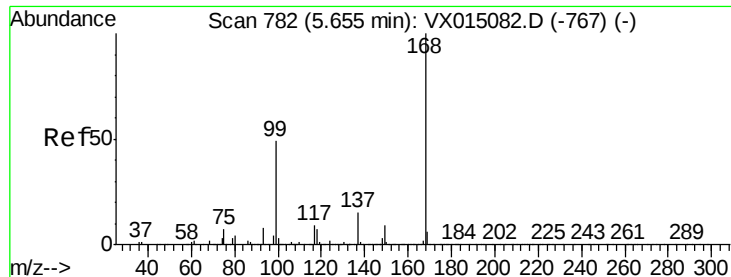
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
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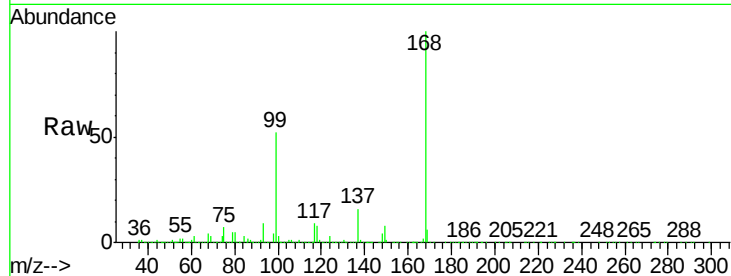


#1

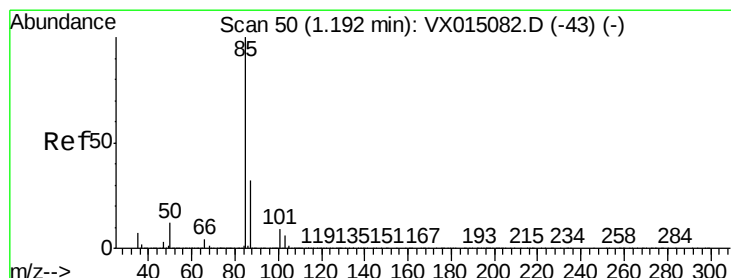
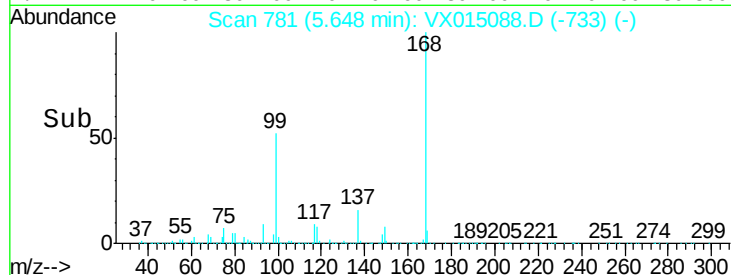
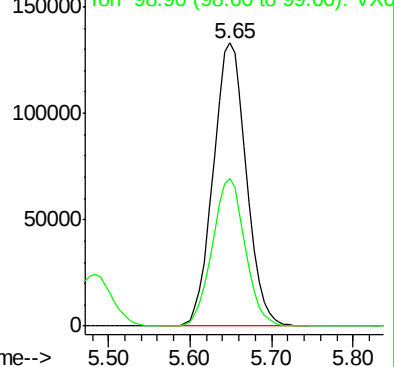
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tgt Ion:168 Resp: 375612
 Ion Ratio Lower Upper
 168 100
 99 51.8 39.4 59.2



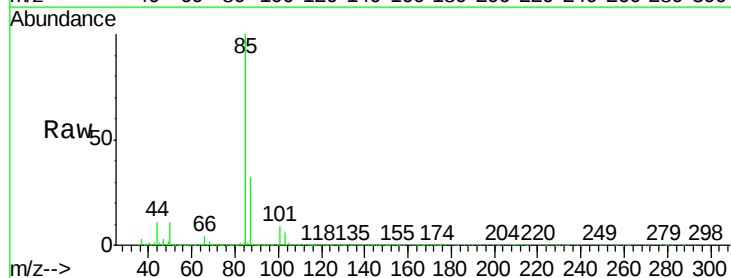
Abundance Ion 167.90 (167.60 to 168.60): V



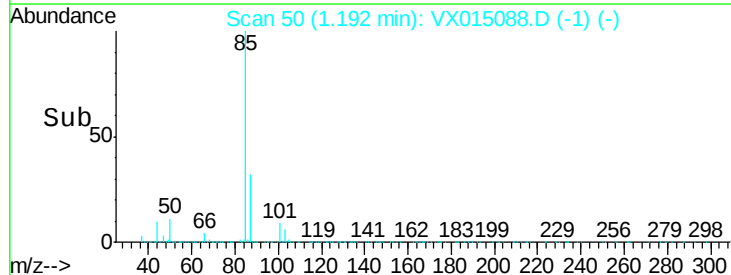
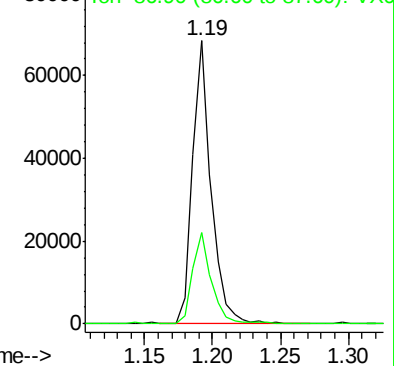
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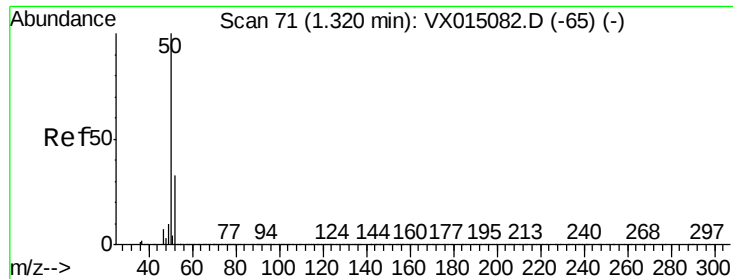
Dichlorodifluoromethane
 Concen: 19.548 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion: 85 Resp: 64295
 Ion Ratio Lower Upper
 85 100
 87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0





#3

Chloromethane

Concen: 19.444 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

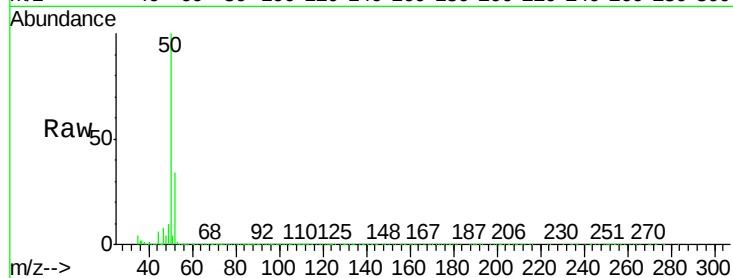
VX0304WBSD01

Tgt Ion: 50 Resp: 90593

Ion Ratio Lower Upper

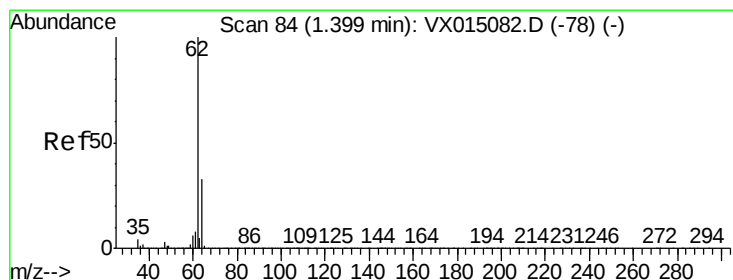
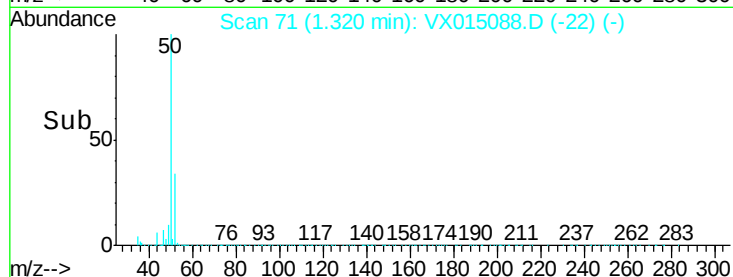
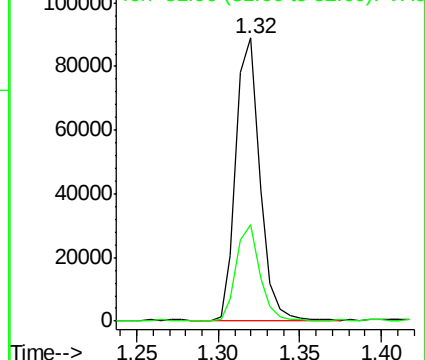
50 100

52 34.0 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.047 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015088.D

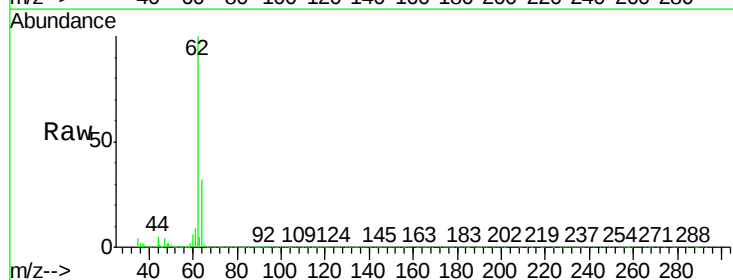
Acq: 04 Mar 2020 15:34

Tgt Ion: 62 Resp: 89984

Ion Ratio Lower Upper

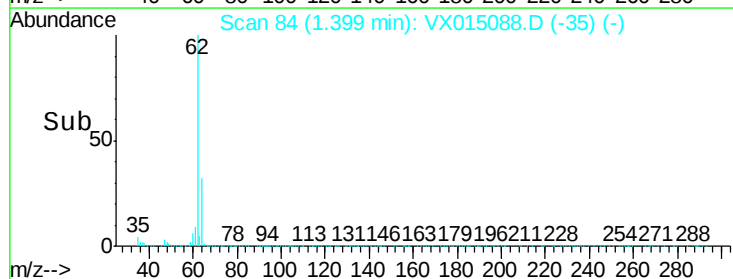
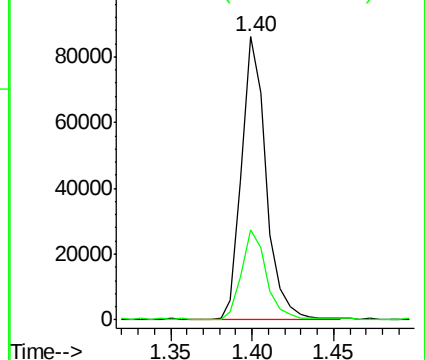
62 100

64 31.6 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.657 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

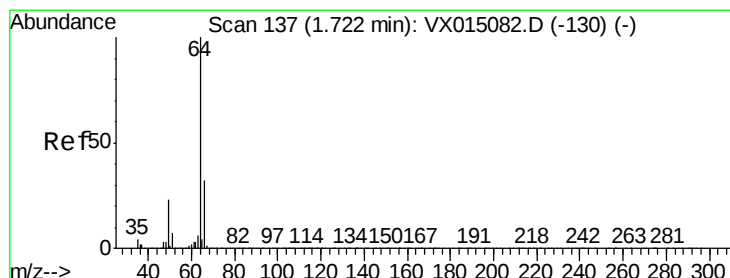
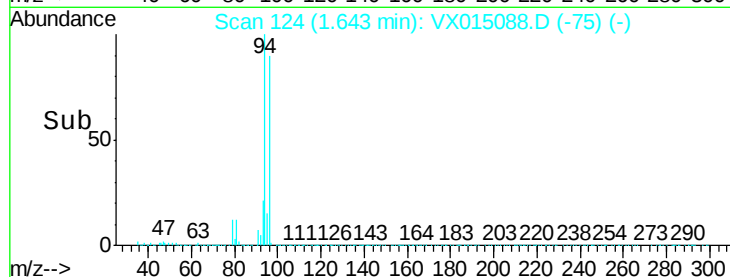
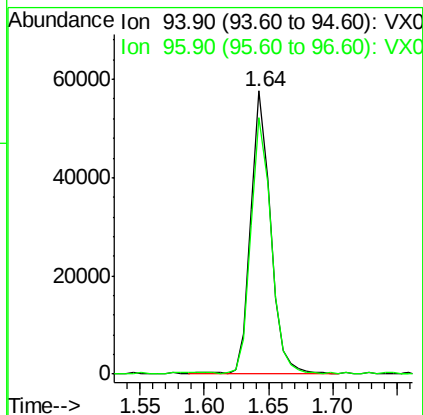
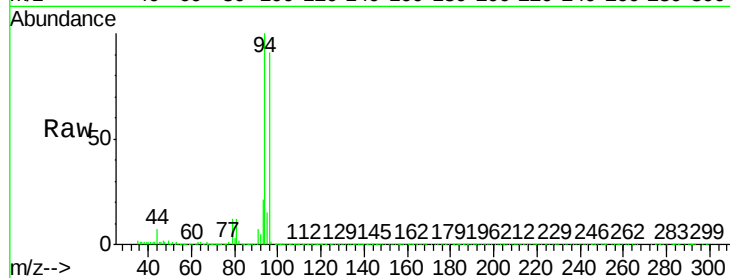
VX0304WBSD01

Tgt Ion: 94 Resp: 59997

Ion Ratio Lower Upper

94 100

96 90.6 74.6 111.8



#6

Chloroethane

Concen: 19.553 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015088.D

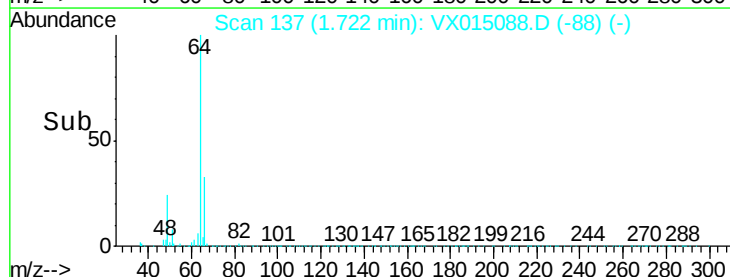
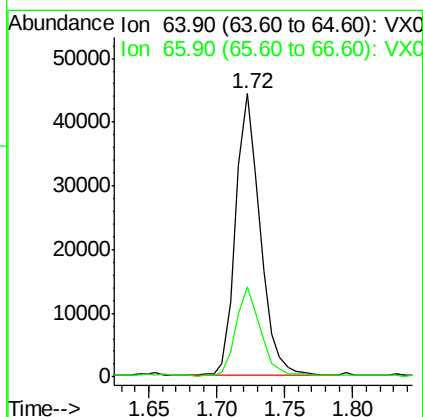
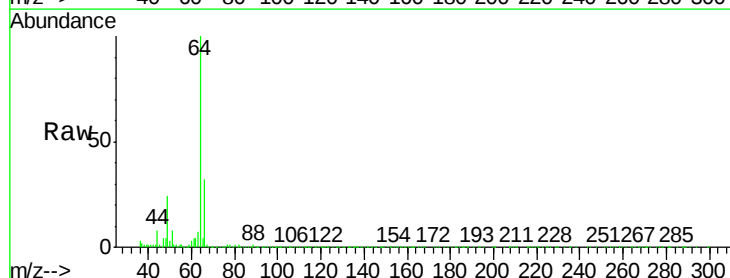
Acq: 04 Mar 2020 15:34

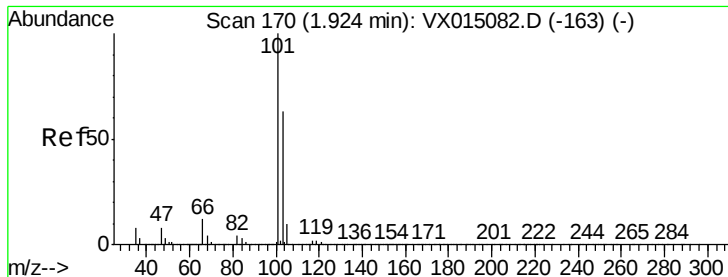
Tgt Ion: 64 Resp: 55413

Ion Ratio Lower Upper

64 100

66 31.6 25.8 38.8



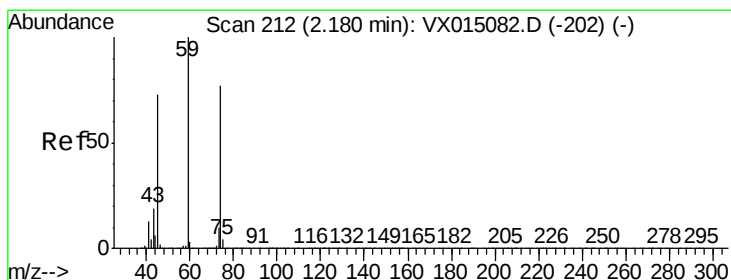
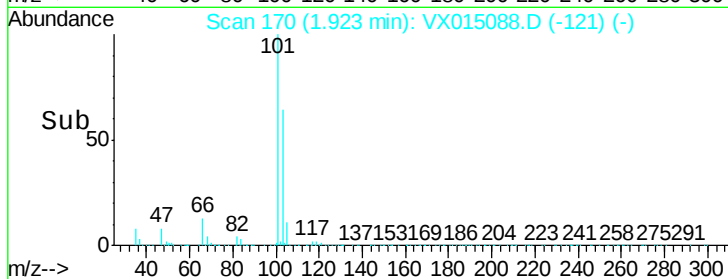
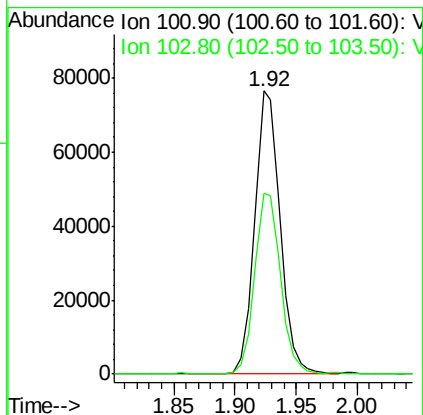
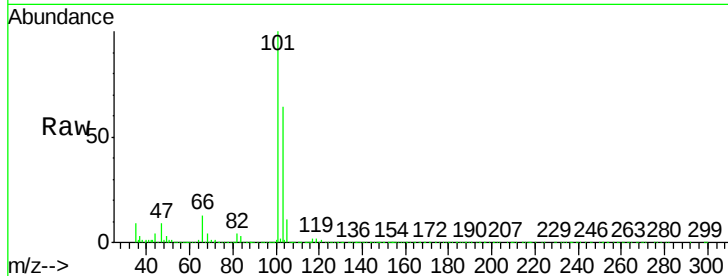


#7

Trichlorofluoromethane
Concen: 19.799 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

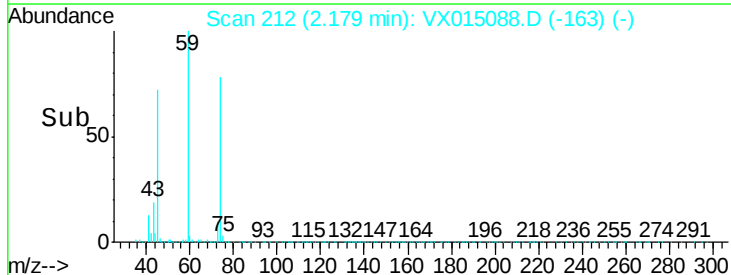
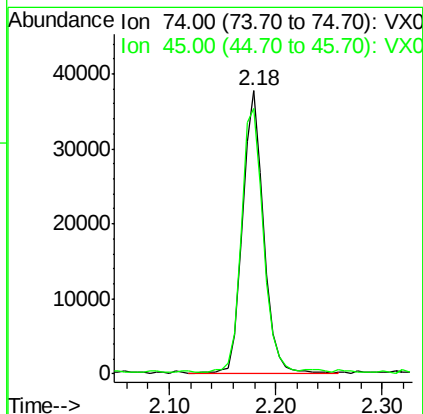
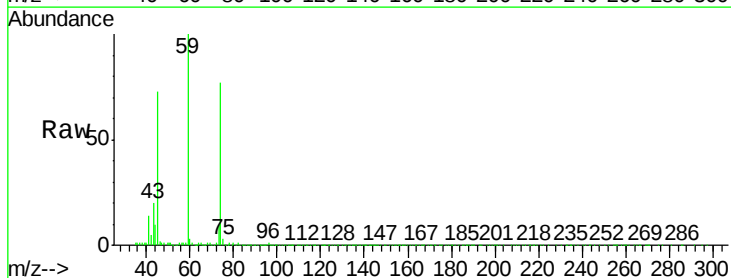
Tgt Ion:101 Resp: 111301
Ion Ratio Lower Upper
101 100
103 63.8 50.4 75.6

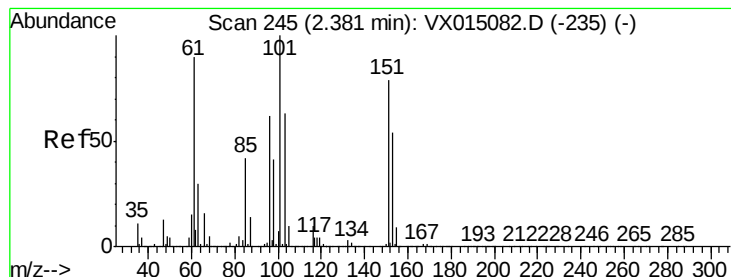


#8

Diethyl Ether
Concen: 20.401 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion: 74 Resp: 51943
Ion Ratio Lower Upper
74 100
45 98.2 49.2 147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.364 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

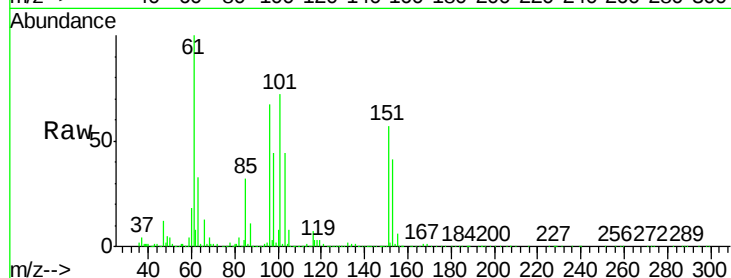
Tgt Ion:101 Resp: 72023

Ion Ratio Lower Upper

101 100

85 42.6 33.7 50.5

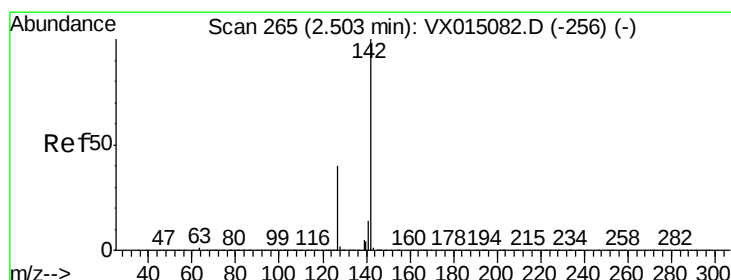
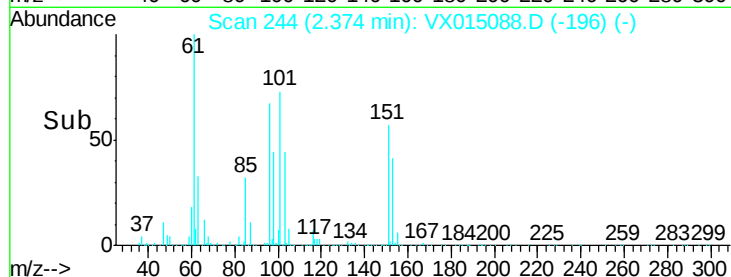
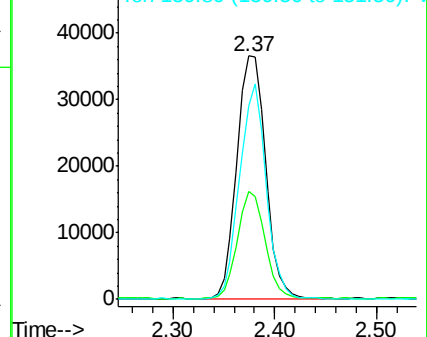
151 81.5 64.0 96.0



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: 18.004 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

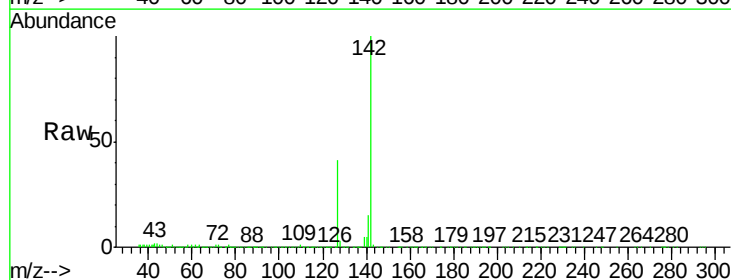
Tgt Ion:142 Resp: 71938

Ion Ratio Lower Upper

142 100

127 39.4 31.7 47.5

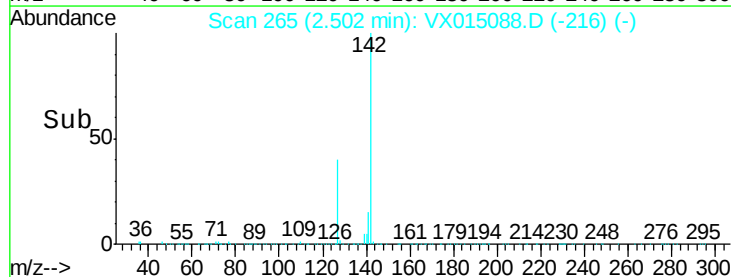
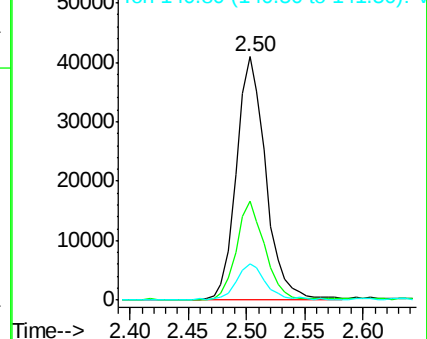
141 15.5 11.3 16.9

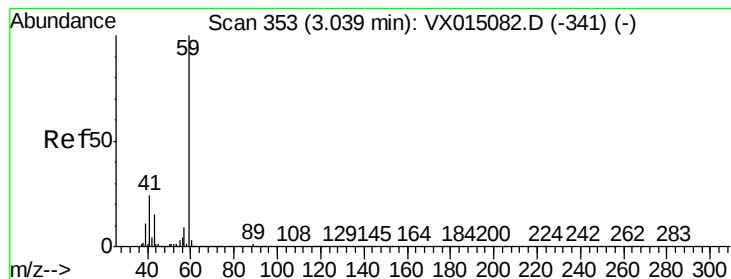


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



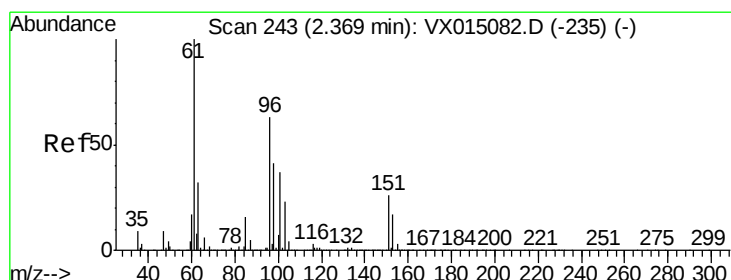
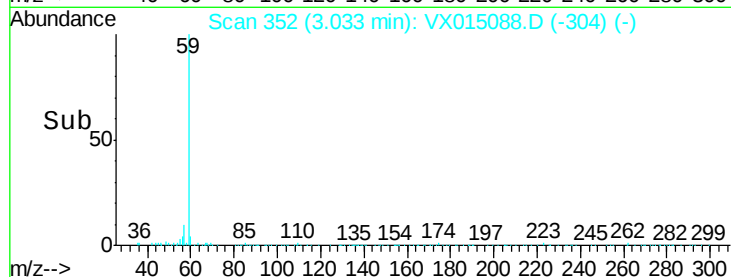
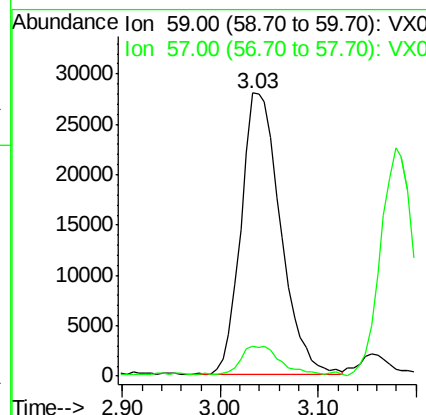
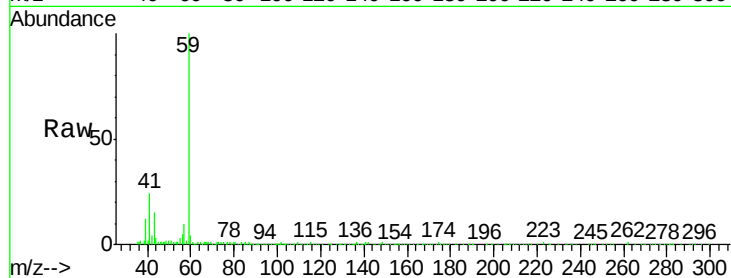


#11

Tert butyl alcohol
 Concen: 101.140 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

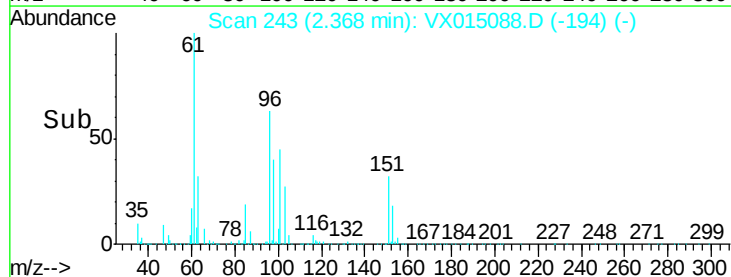
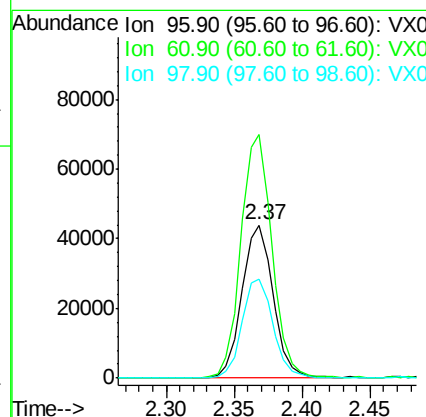
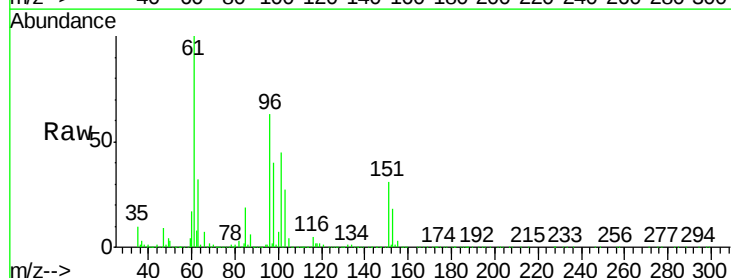
Tgt Ion: 59 Resp: 78195
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

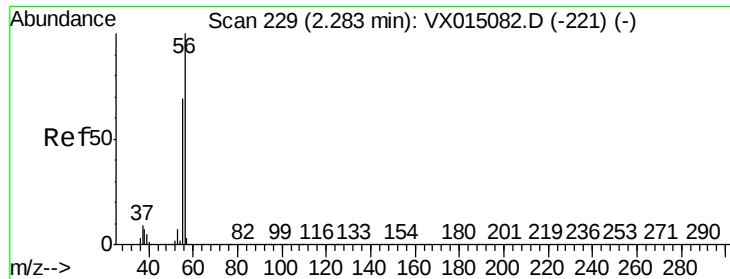


#12

1,1-Dichloroethene
 Concen: 19.103 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion: 96 Resp: 69729
 Ion Ratio Lower Upper
 96 100
 61 158.8 126.2 189.4
 98 64.3 51.4 77.0





#13

Acrolein

Concen: 89.233 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

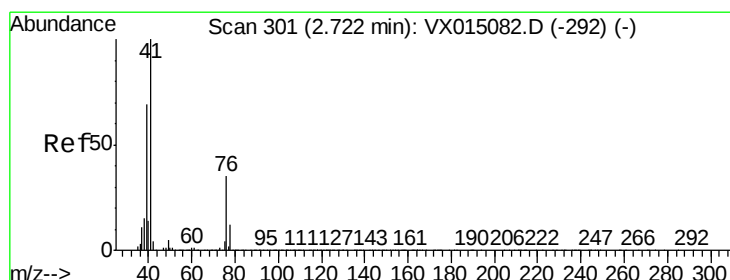
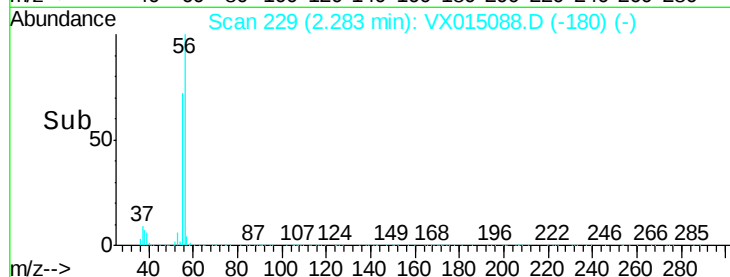
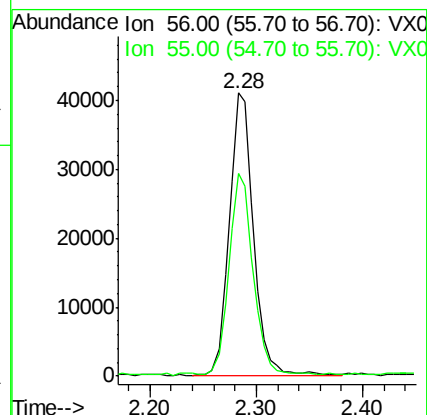
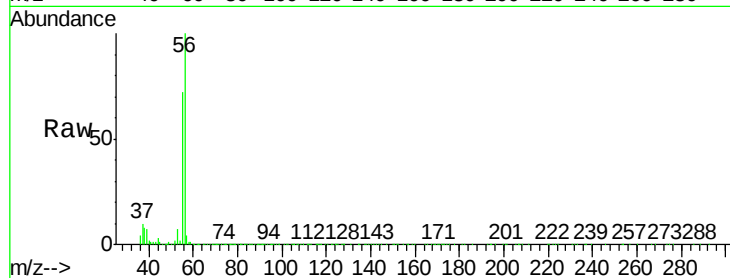
VX0304WBSD01

Tgt Ion: 56 Resp: 64834

Ion Ratio Lower Upper

56 100

55 70.7 55.4 83.0



#14

Allyl chloride

Concen: 19.347 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

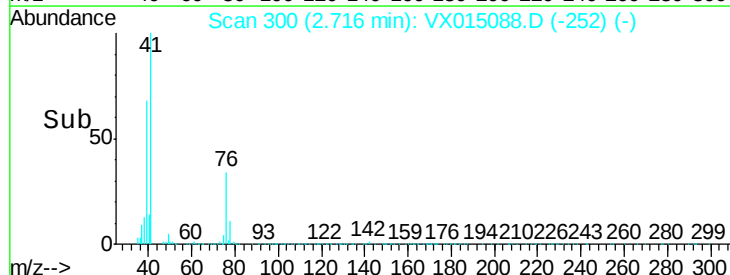
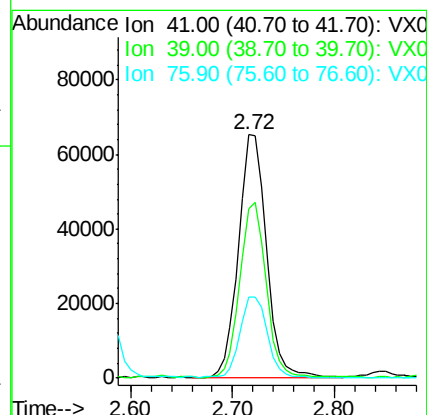
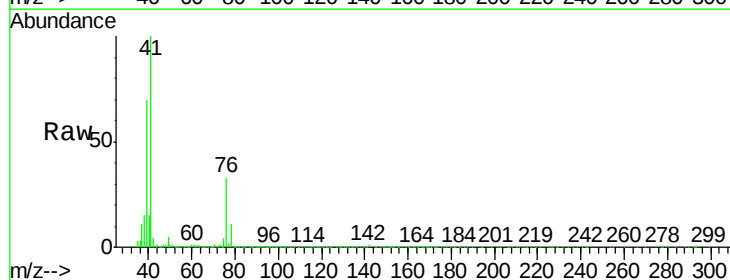
Tgt Ion: 41 Resp: 123133

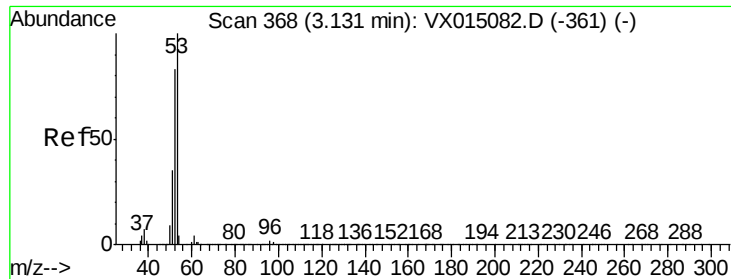
Ion Ratio Lower Upper

41 100

39 67.3 52.9 79.3

76 32.7 26.8 40.2





#15

Acrylonitrile

Concen: 102.676 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

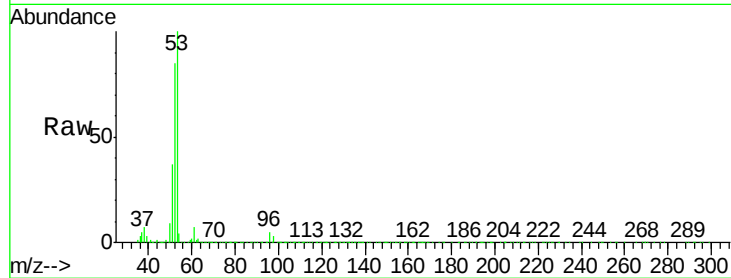
Tgt Ion: 53 Resp: 197696

Ion Ratio Lower Upper

53 100

52 83.7 66.6 100.0

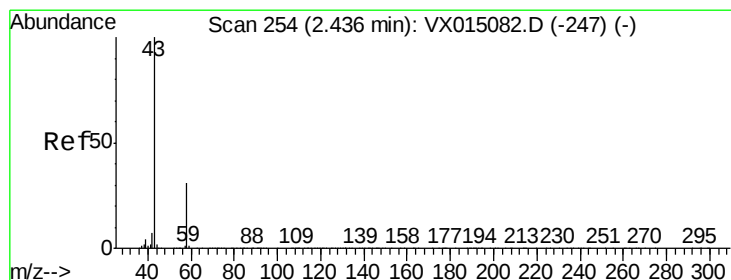
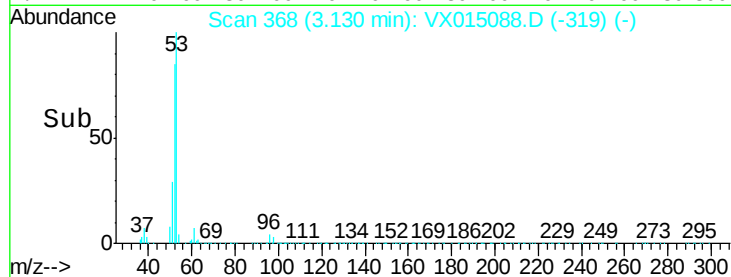
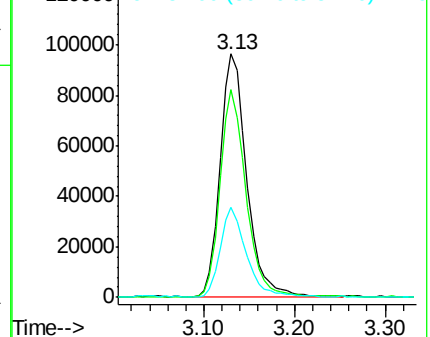
51 36.7 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 93.495 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015088.D

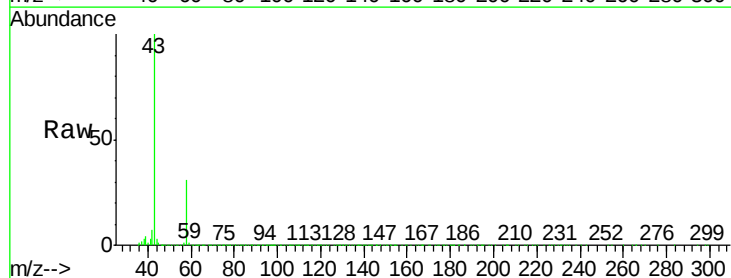
Acq: 04 Mar 2020 15:34

Tgt Ion: 43 Resp: 168727

Ion Ratio Lower Upper

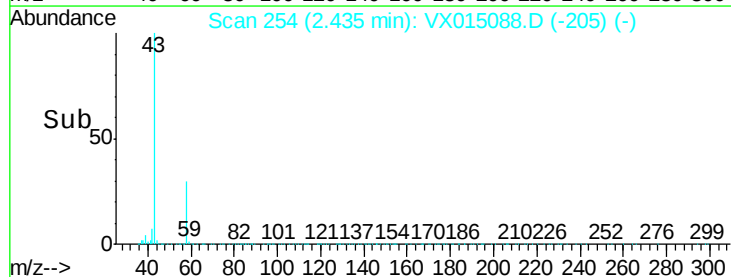
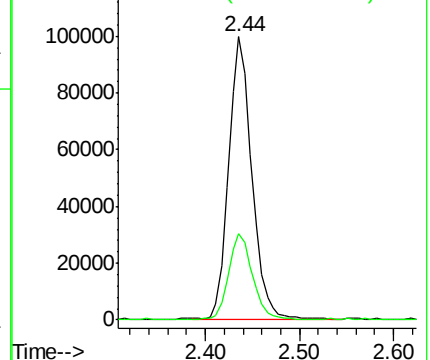
43 100

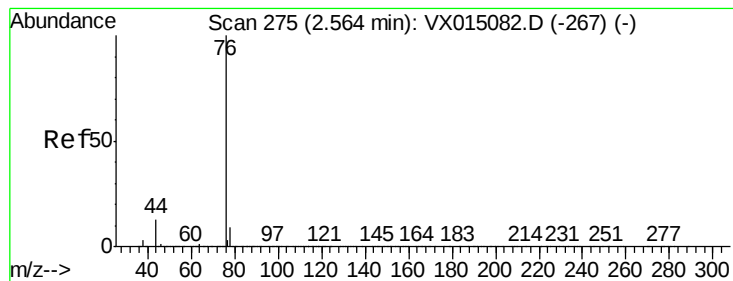
58 30.4 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.953 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

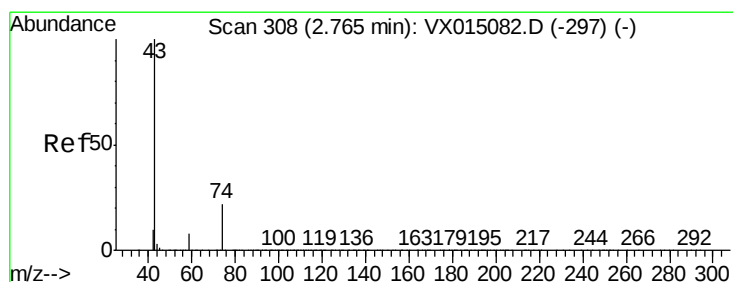
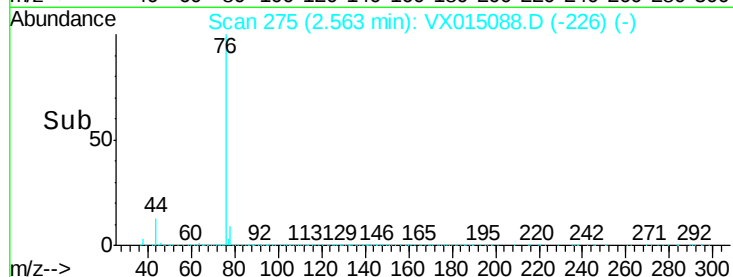
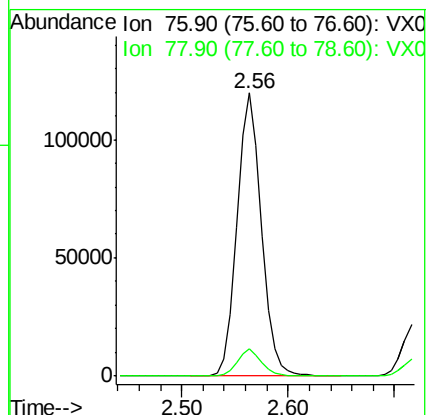
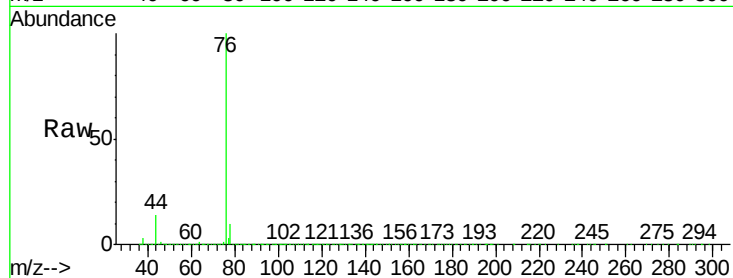
VX0304WBSD01

Tgt Ion: 76 Resp: 192121

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9



#18

Methyl Acetate

Concen: 19.429 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015088.D

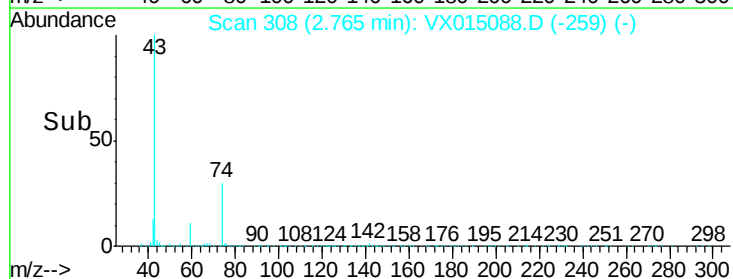
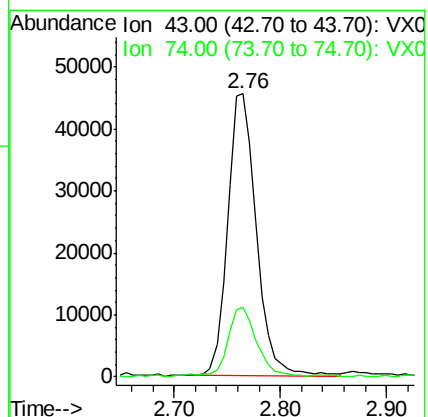
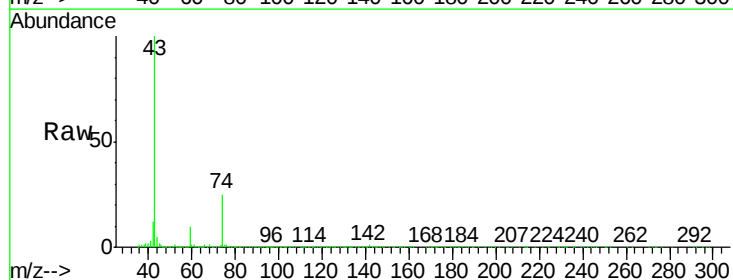
Acq: 04 Mar 2020 15:34

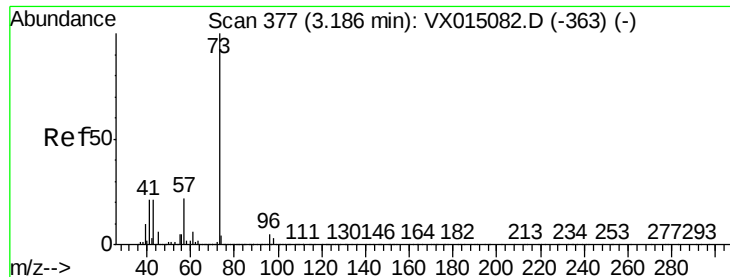
Tgt Ion: 43 Resp: 85734

Ion Ratio Lower Upper

43 100

74 23.4 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 20.840 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

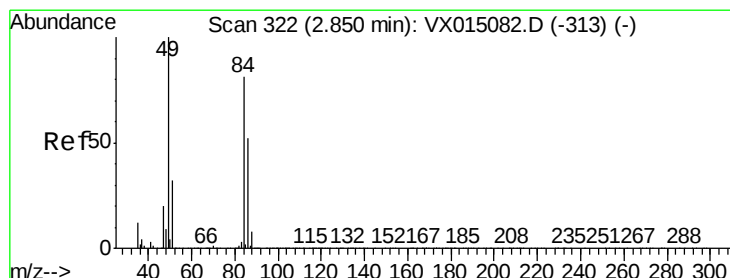
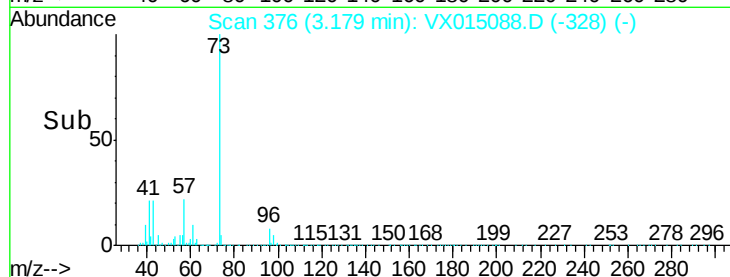
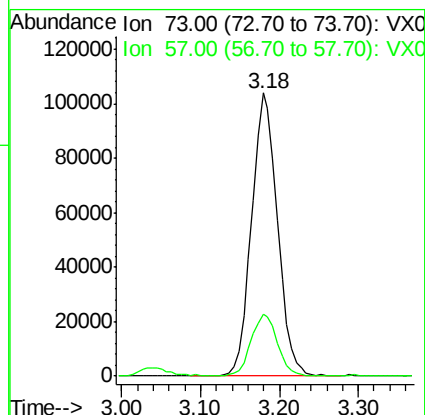
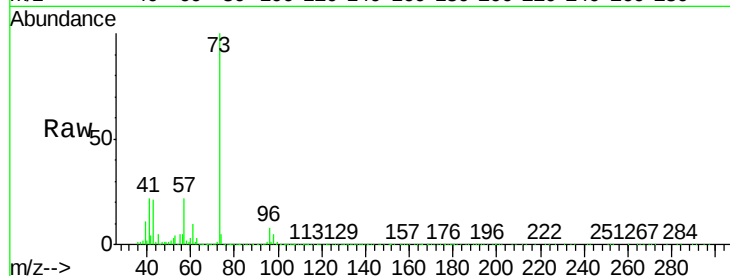
VX0304WBSD01

Tgt Ion: 73 Resp: 237704

Ion Ratio Lower Upper

73 100

57 21.7 17.8 26.6



#20

Methylene Chloride

Concen: 19.096 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Tgt Ion: 84 Resp: 80652

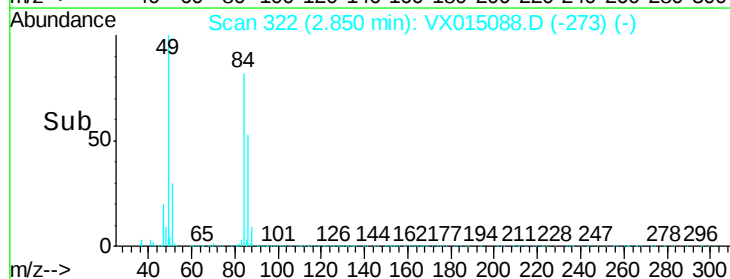
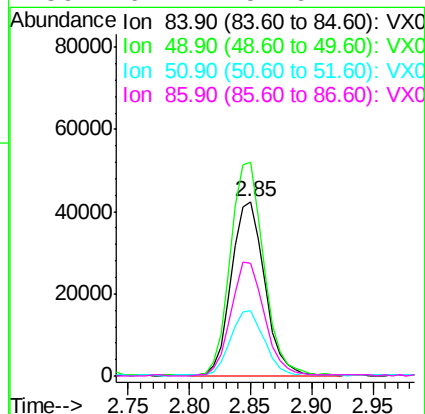
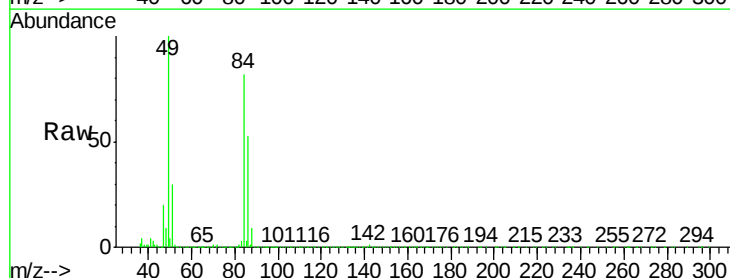
Ion Ratio Lower Upper

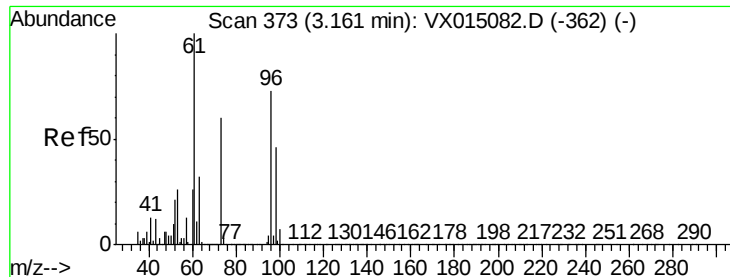
84 100

49 122.4 99.4 149.2

51 36.2 31.5 47.3

86 64.7 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 19.369 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampled :

VX0304WBSD01

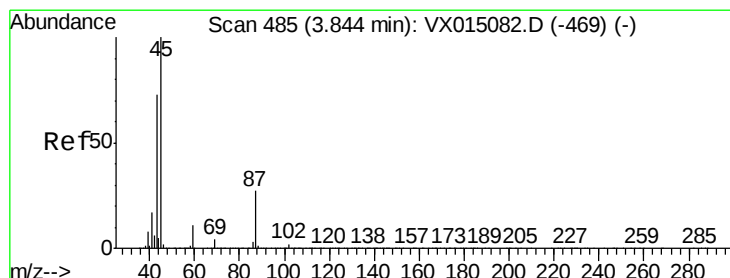
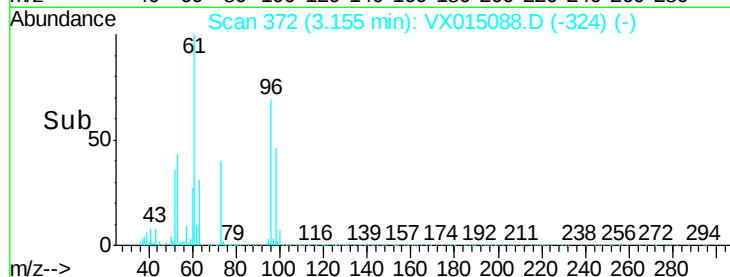
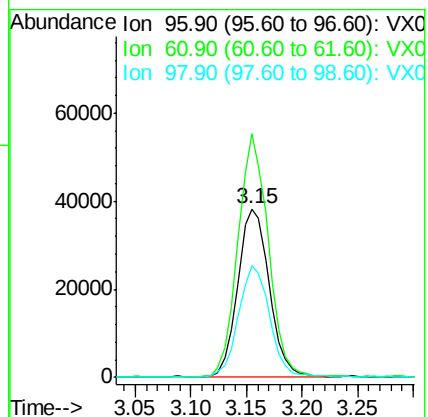
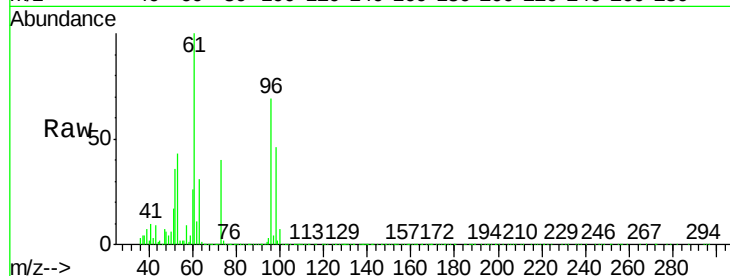
Tgt Ion: 96 Resp: 75489

Ion Ratio Lower Upper

96 100

61 144.1 109.9 164.9

98 65.8 50.2 75.2



#22

Diisopropyl ether

Concen: 20.572 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Tgt Ion: 45 Resp: 260857

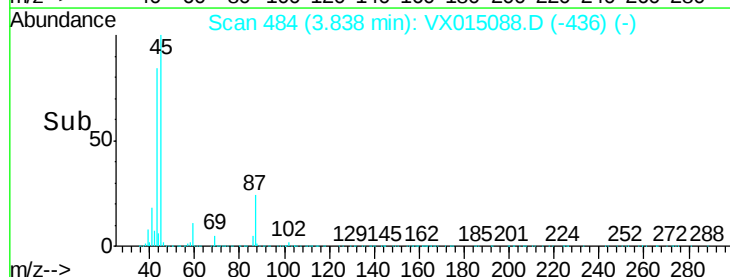
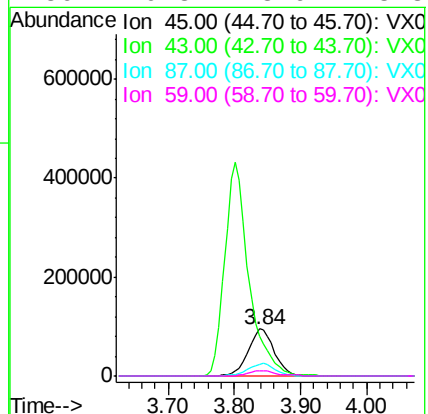
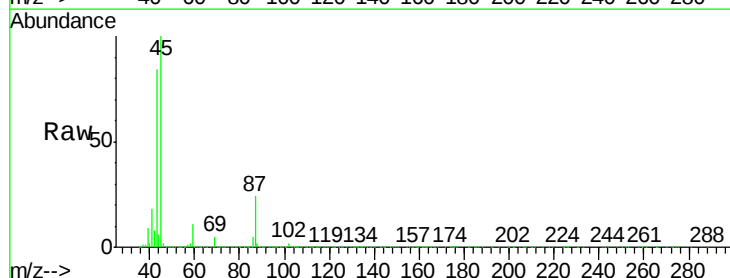
Ion Ratio Lower Upper

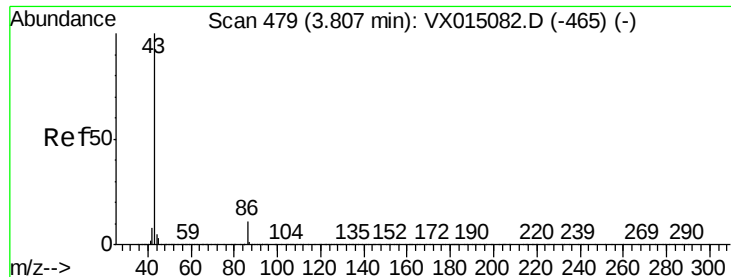
45 100

43 84.3 58.2 87.2

87 23.9 21.2 31.8

59 10.3 8.9 13.3





#23

Vinyl Acetate

Concen: 105.177 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

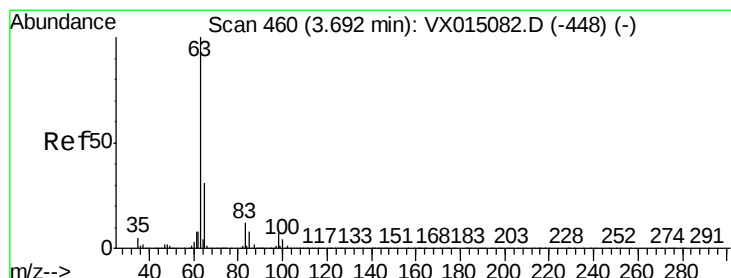
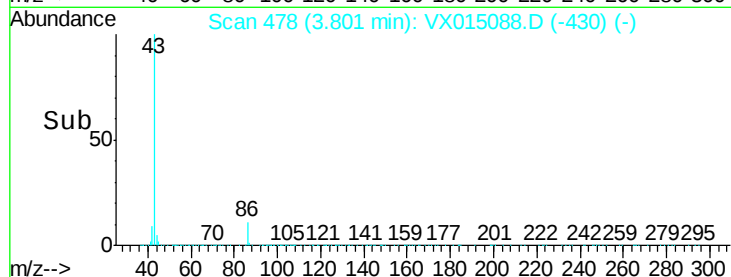
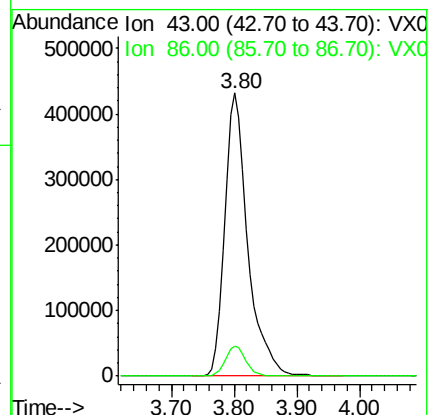
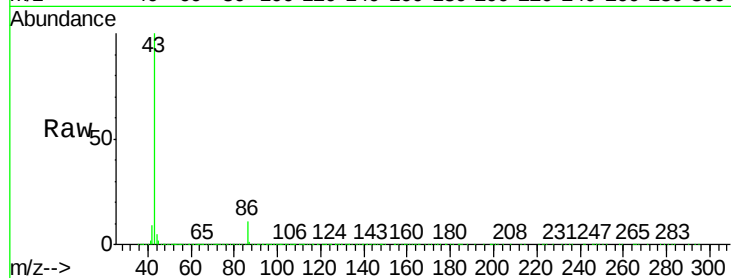
VX0304WBSD01

Tgt Ion: 43 Resp: 1096288

Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8



#24

1,1-Dichloroethane

Concen: 19.521 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

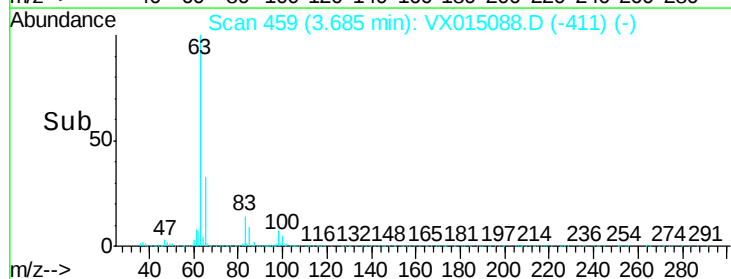
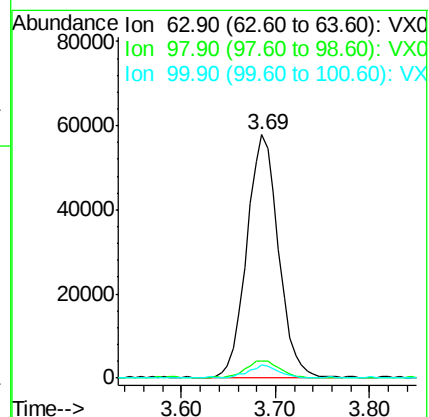
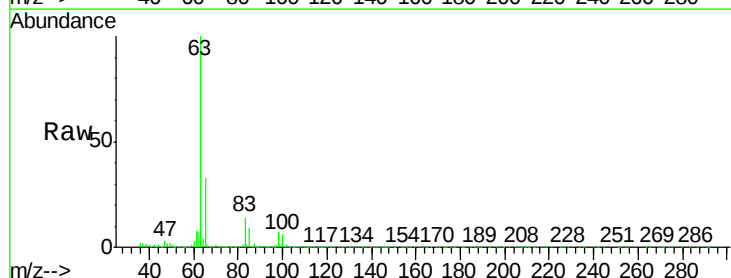
Tgt Ion: 63 Resp: 137379

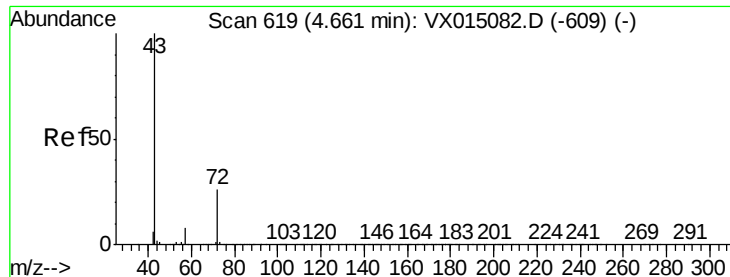
Ion Ratio Lower Upper

63 100

98 6.8 3.7 11.1

100 5.3 2.1 6.5





#25

2-Butanone

Concen: 100.263 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

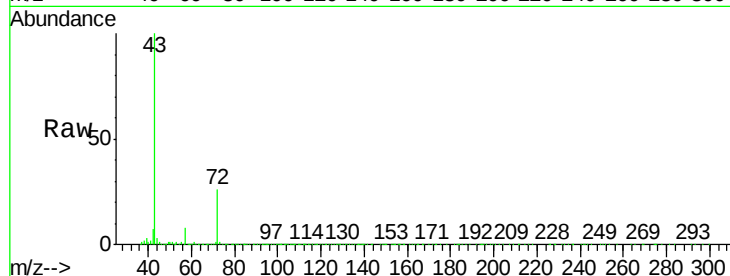
VX0304WBSD01

Tgt Ion: 43 Resp: 264897

Ion Ratio Lower Upper

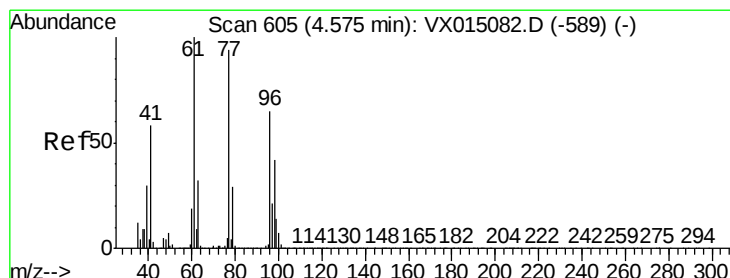
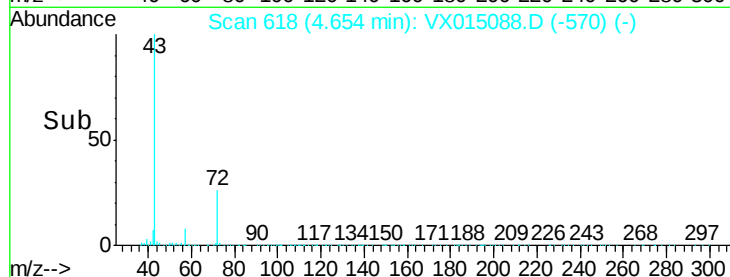
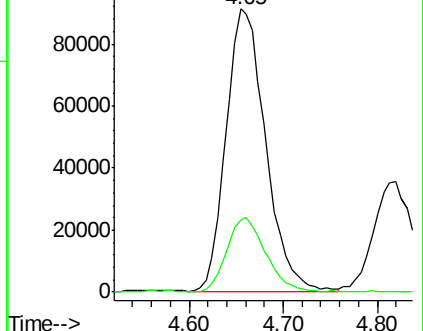
43 100

72 25.6 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.783 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX015088.D

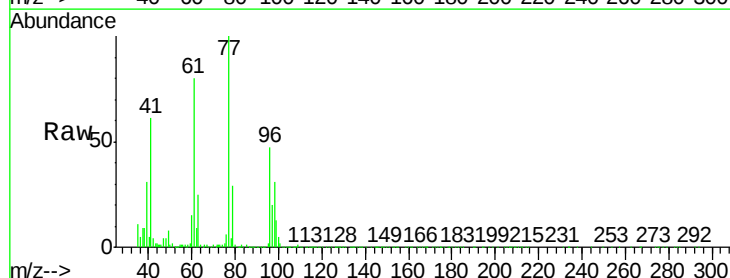
Acq: 04 Mar 2020 15:34

Tgt Ion: 77 Resp: 104935

Ion Ratio Lower Upper

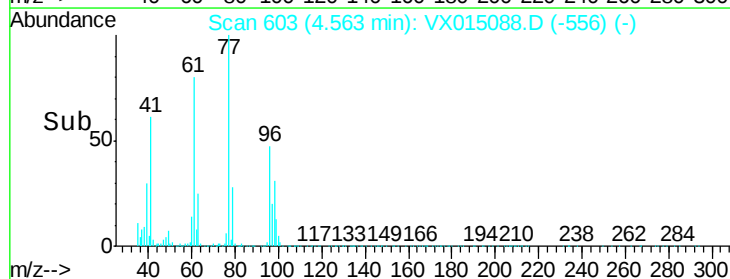
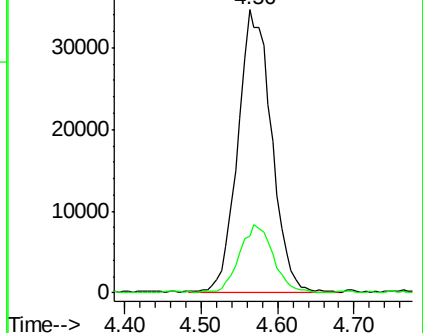
77 100

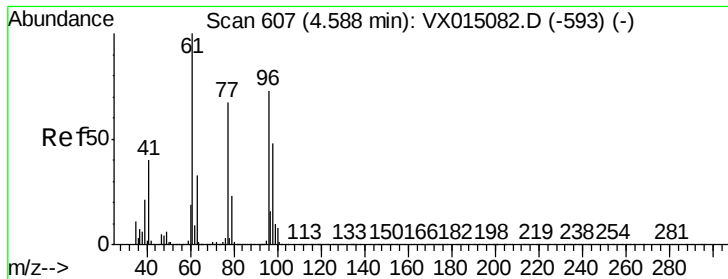
97 24.6 11.8 35.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



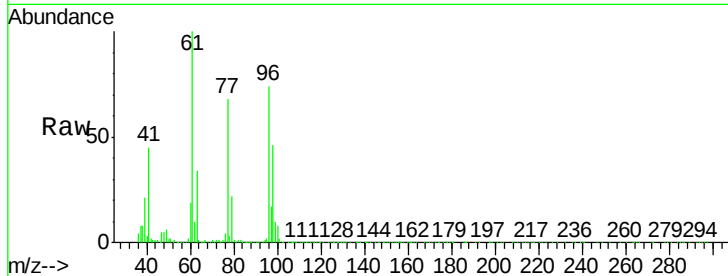


#27

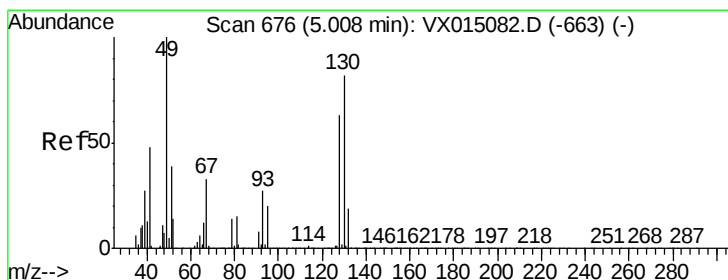
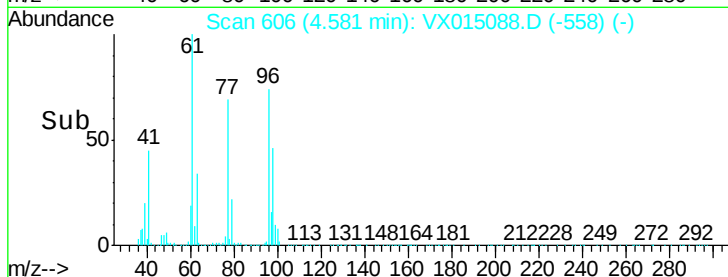
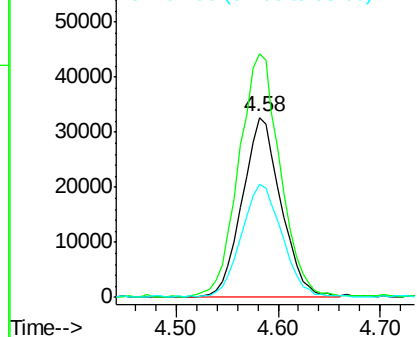
cis-1,2-Dichloroethene
Concen: 19.506 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tgt Ion: 96 Resp: 85289
Ion Ratio Lower Upper
96 100
61 145.4 0.0 286.8
98 67.7 0.0 128.4



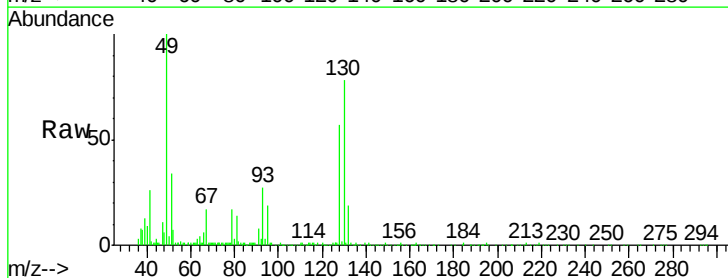
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



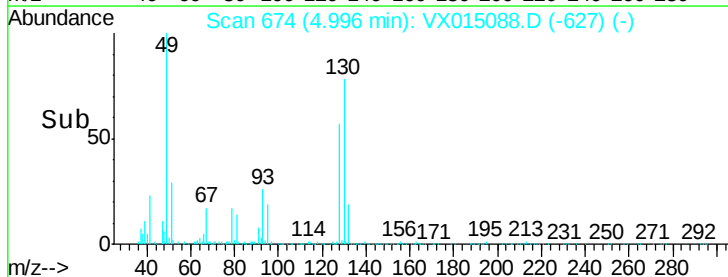
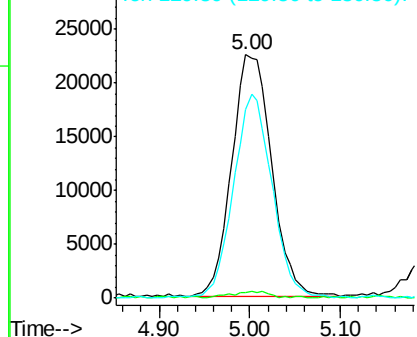
#28

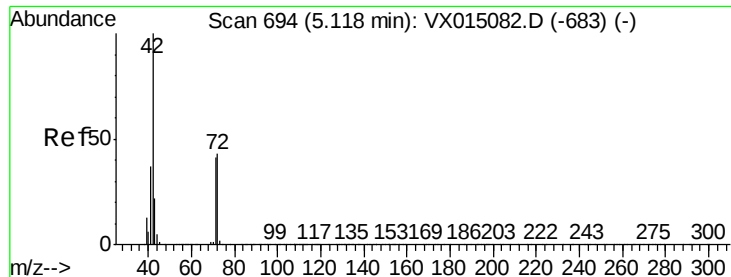
Bromochloromethane
Concen: 21.410 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion: 49 Resp: 68612
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.4
130 81.7 65.0 97.6



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.031 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampled :

VX0304WBSD01

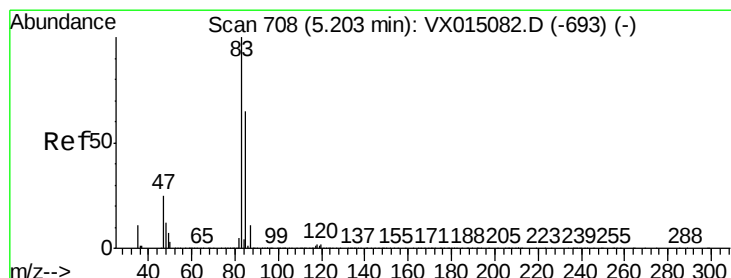
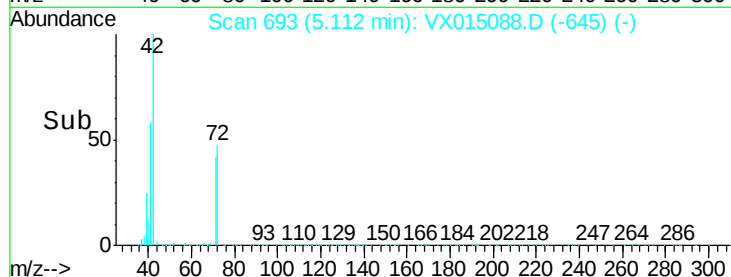
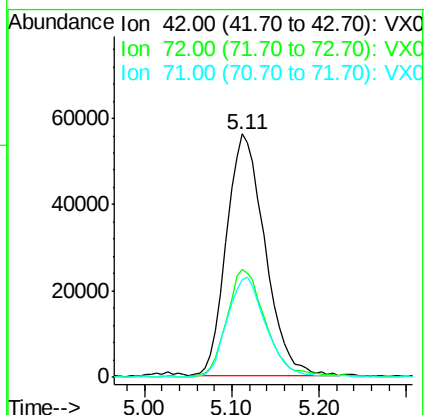
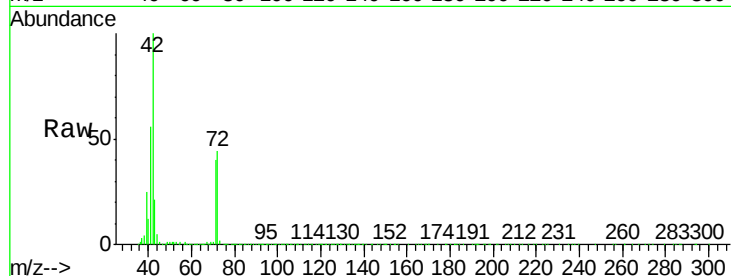
Tgt Ion: 42 Resp: 172064

Ion Ratio Lower Upper

42 100

72 44.5 36.4 54.6

71 41.5 33.3 49.9



#30

Chloroform

Concen: 19.757 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015088.D

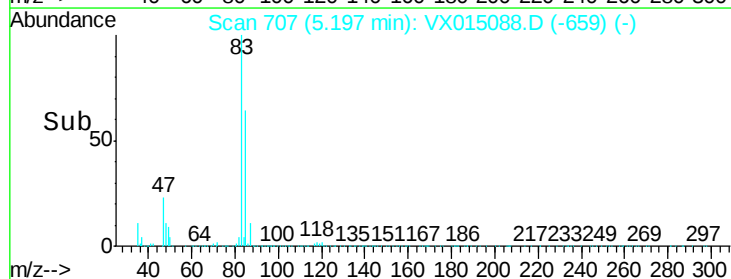
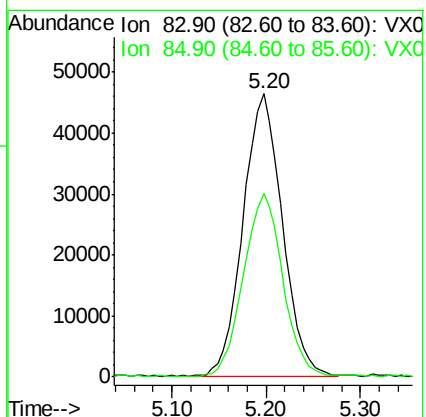
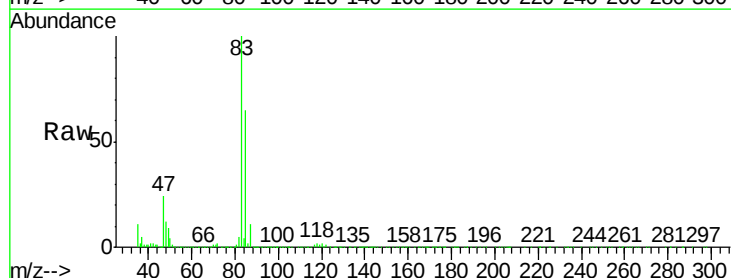
Acq: 04 Mar 2020 15:34

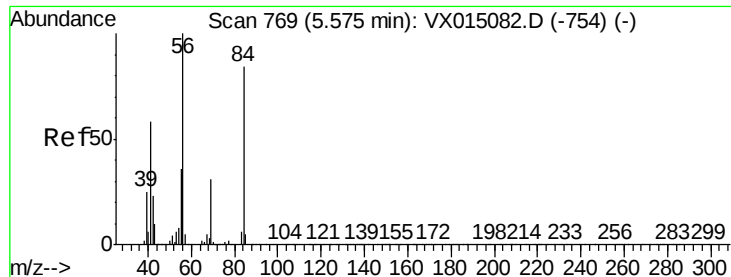
Tgt Ion: 83 Resp: 135522

Ion Ratio Lower Upper

83 100

85 64.9 52.0 78.0





#31

Cyclohexane

Concen: 19.605 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

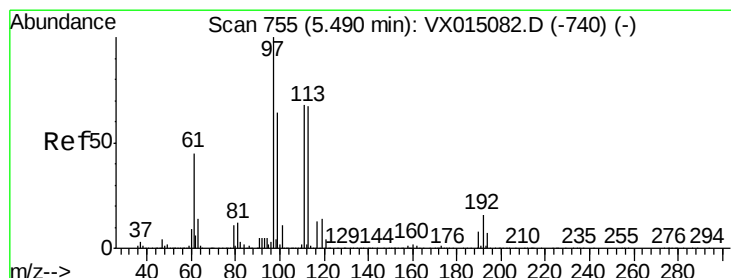
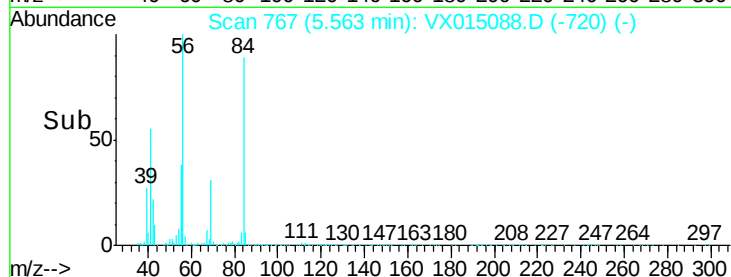
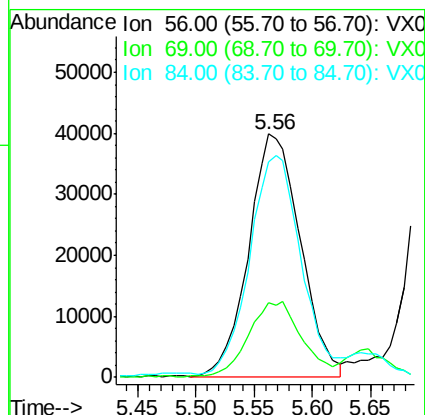
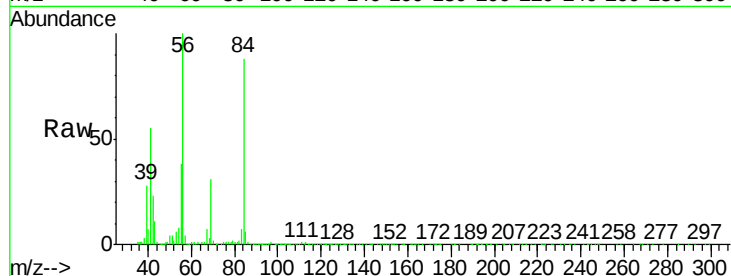
Tgt Ion: 56 Resp: 123068

Ion Ratio Lower Upper

56 100

69 30.2 25.0 37.6

84 86.8 67.6 101.4



#32

1,1,1-Trichloroethane

Concen: 20.401 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

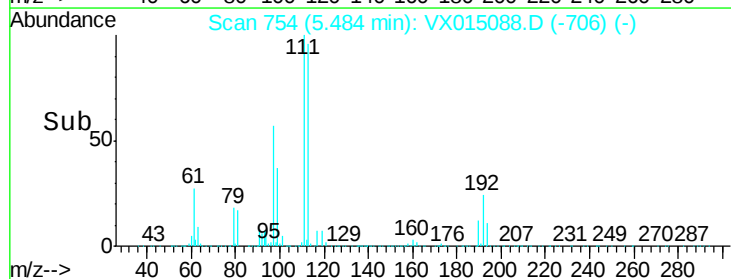
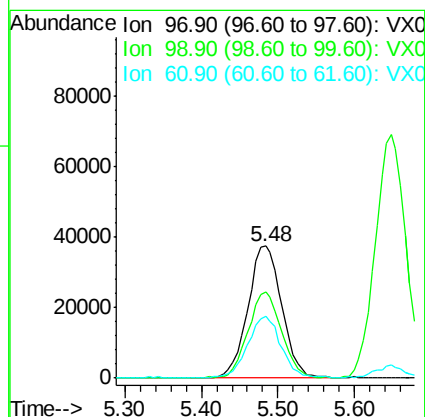
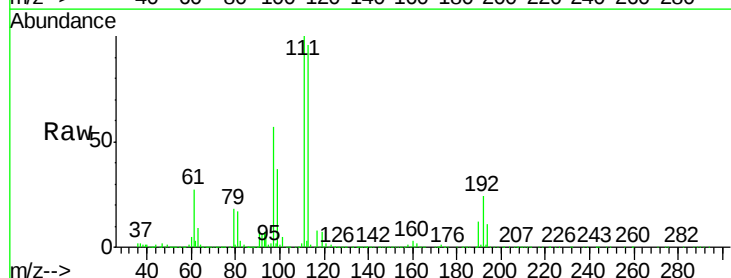
Tgt Ion: 97 Resp: 116001

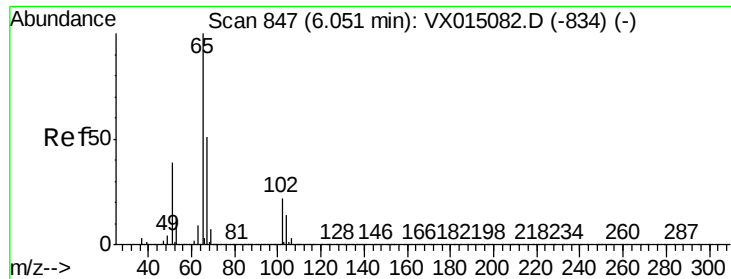
Ion Ratio Lower Upper

97 100

99 63.9 52.8 79.2

61 46.5 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 50.377 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

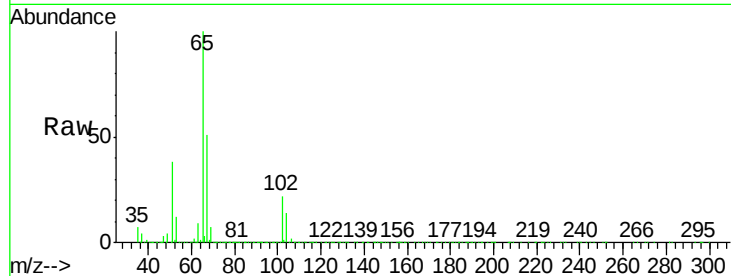
VX0304WBSD01

Tgt Ion: 65 Resp: 224489

Ion Ratio Lower Upper

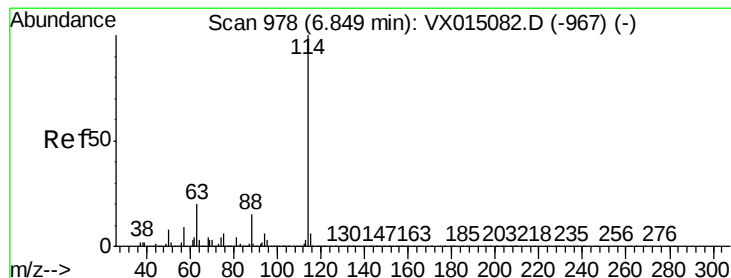
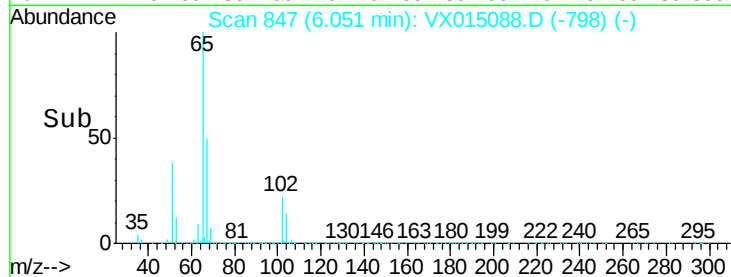
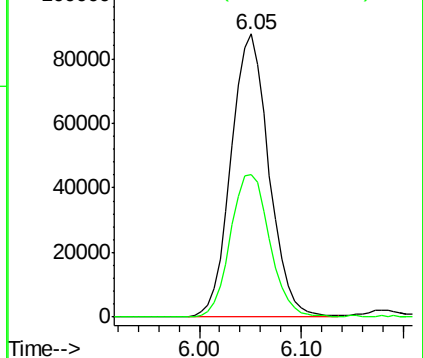
65 100

67 52.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

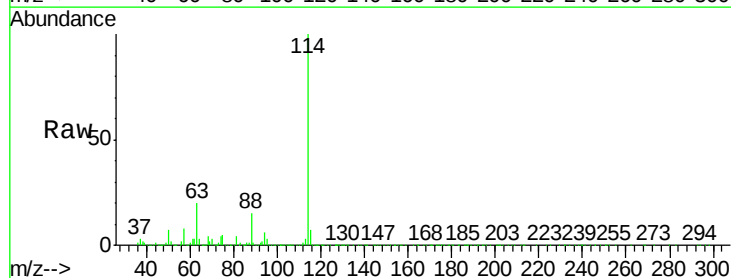
Tgt Ion: 114 Resp: 576765

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

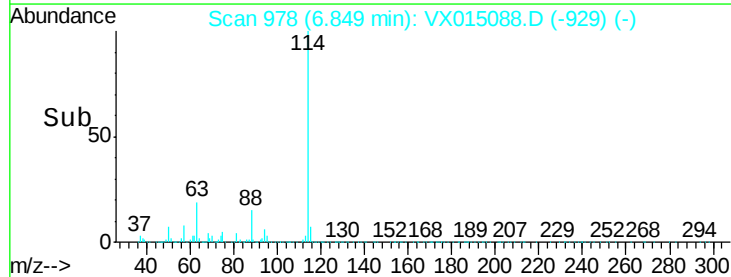
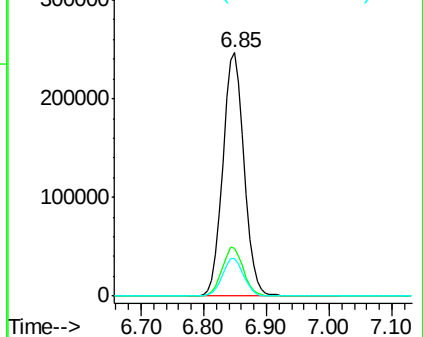
88 15.1 0.0 30.6

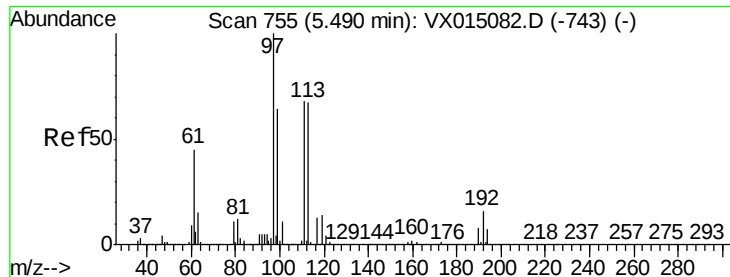


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

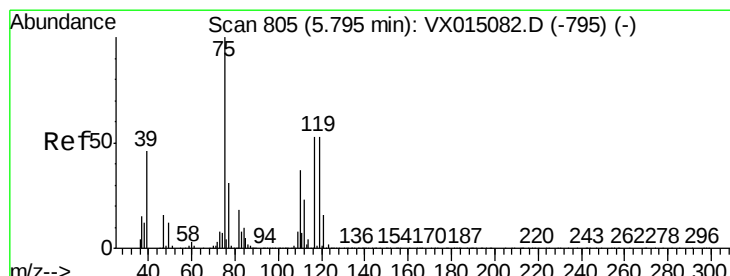
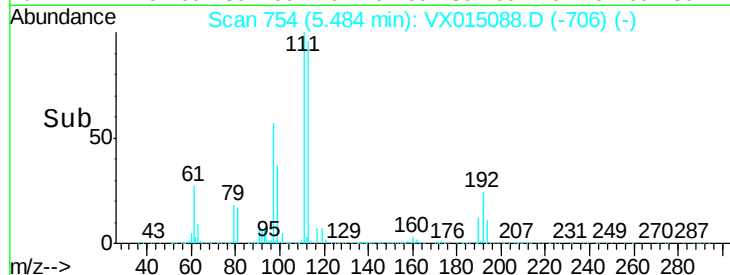
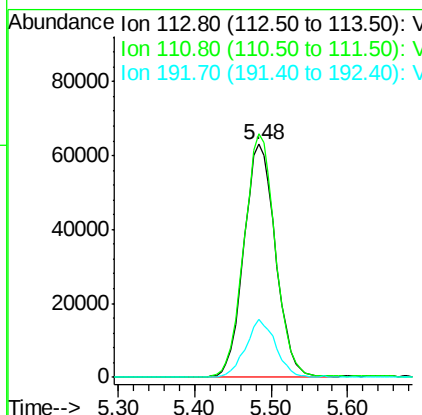
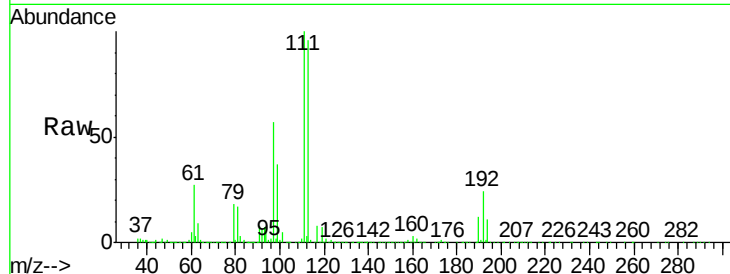




#35
 Dibromofluoromethane
 Concen: 50.129 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

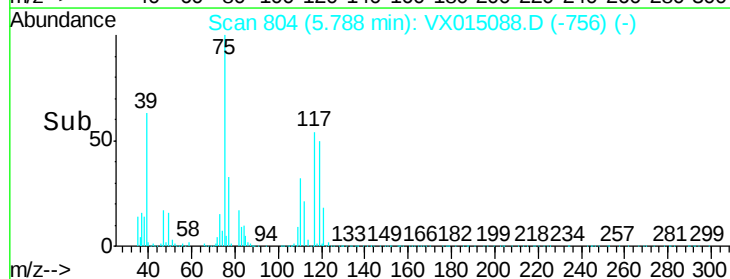
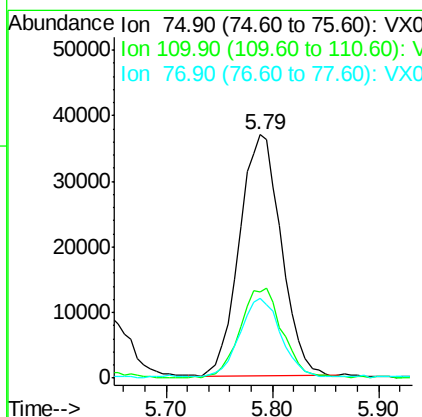
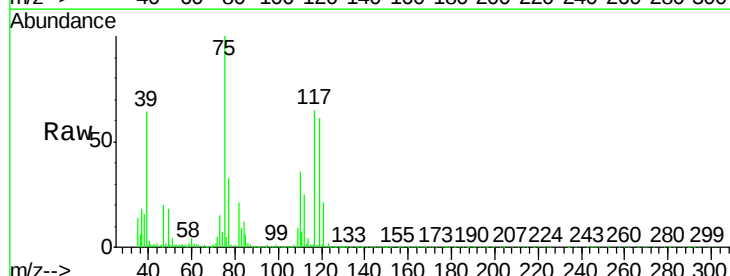
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	23.5	18.6	28.0



#36
 1,1-Dichloropropene
 Concen: 18.999 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	17.9	53.8
77	32.0	24.8	37.2

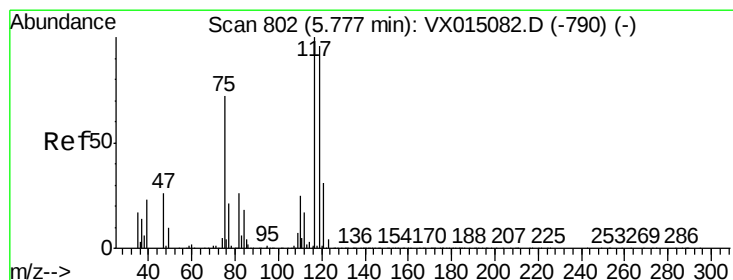
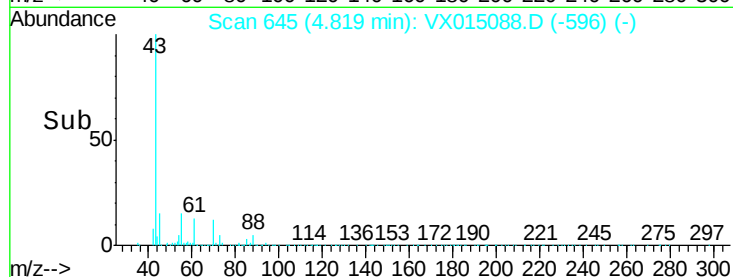
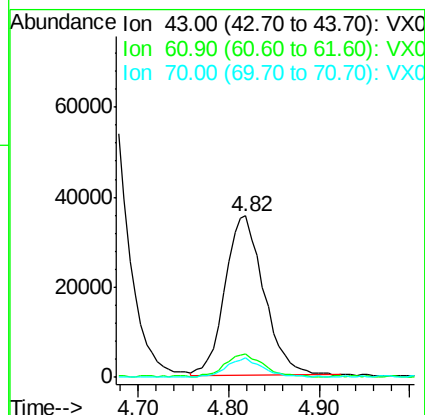
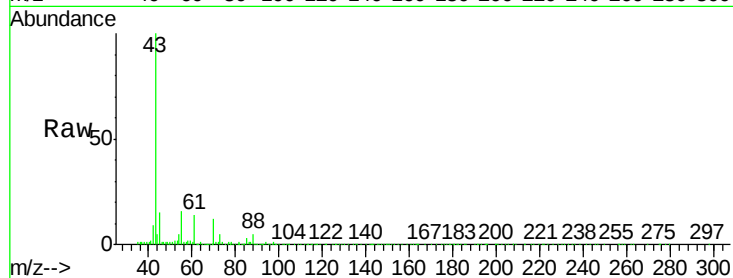




#37
Ethyl Acetate
Concen: 21.170 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

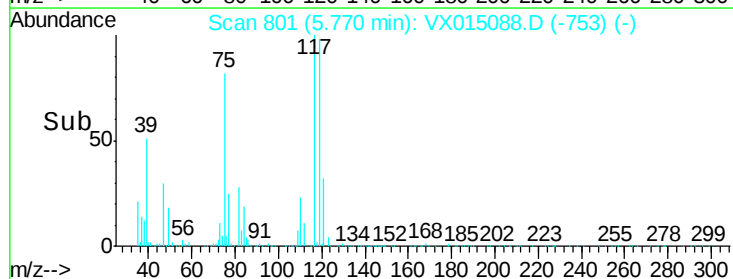
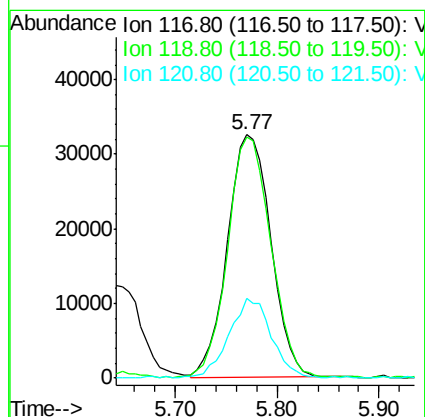
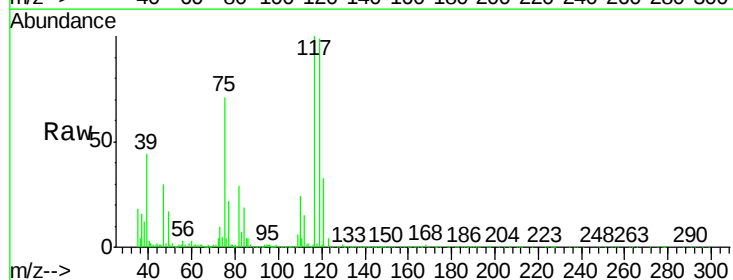
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

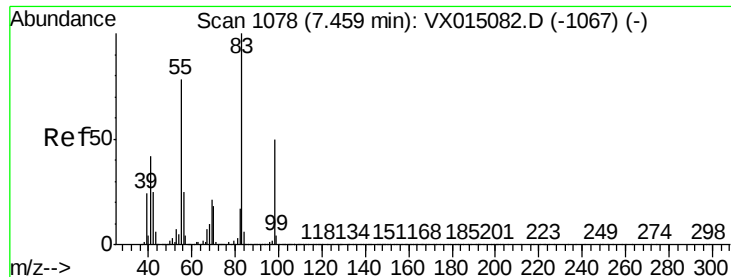
Tgt Ion: 43 Resp: 104706
Ion Ratio Lower Upper
43 100
61 13.3 11.0 16.4
70 10.4 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.159 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion: 117 Resp: 96426
Ion Ratio Lower Upper
117 100
119 98.9 76.9 115.3
121 32.3 24.6 37.0

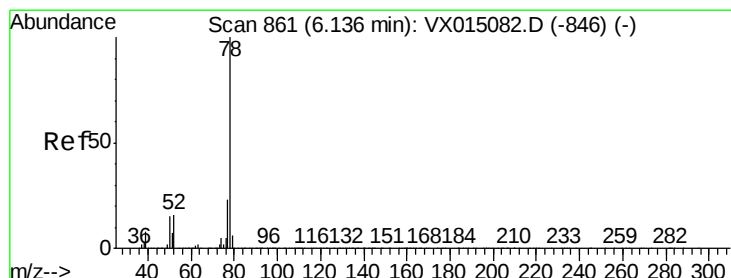
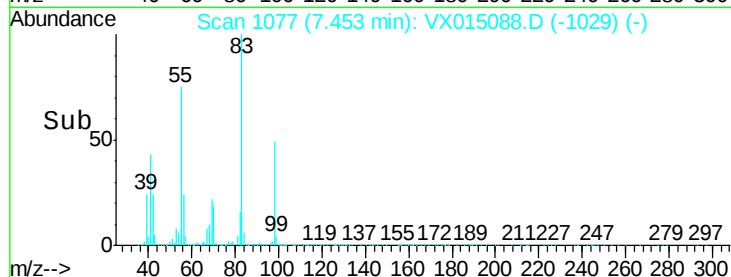
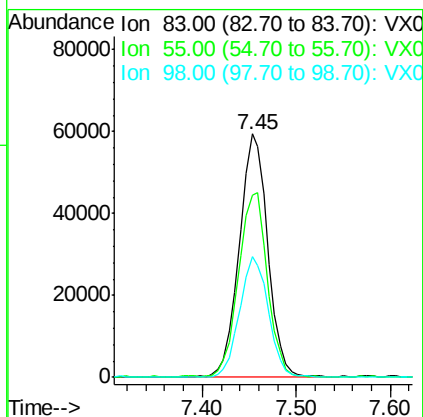
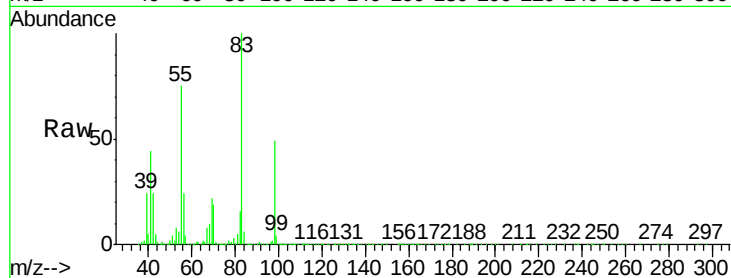




#39
Methylcyclohexane
Concen: 20.042 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

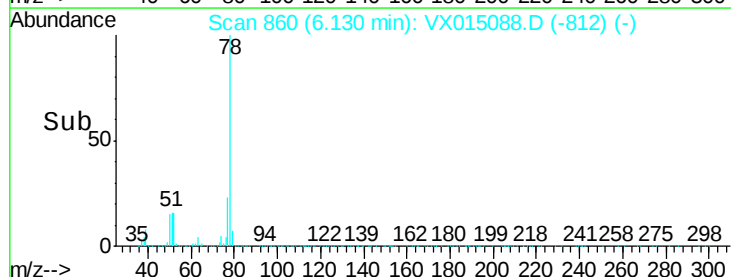
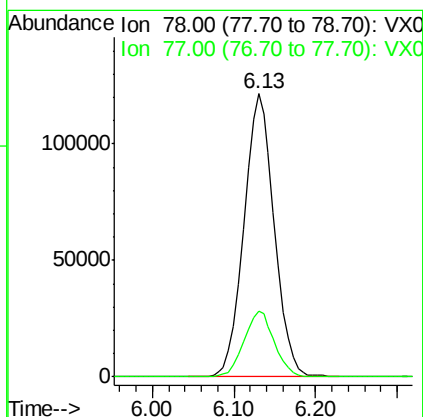
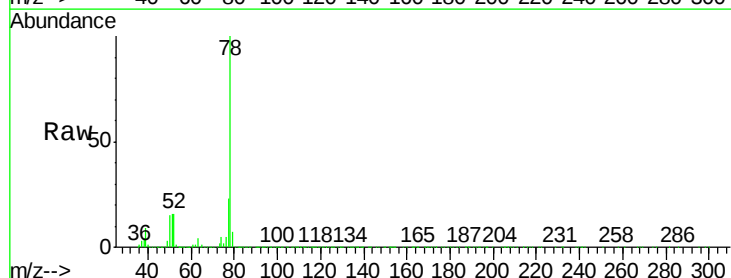
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

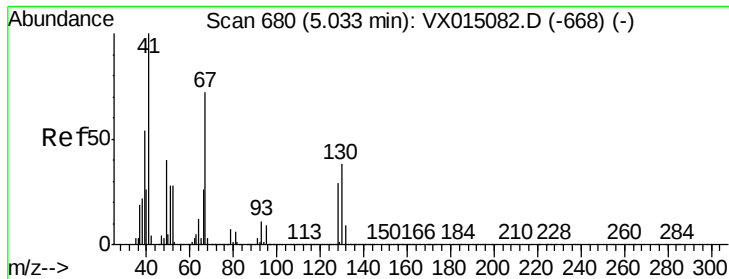
Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.6	62.4	93.6
98	49.4	39.7	59.5



#40
Benzene
Concen: 19.708 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	28.0

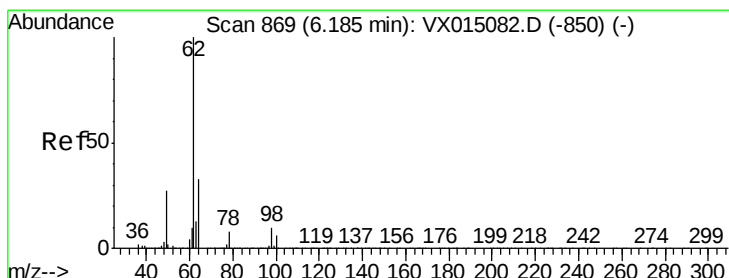
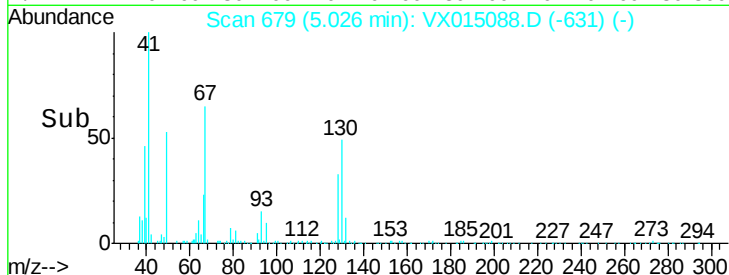
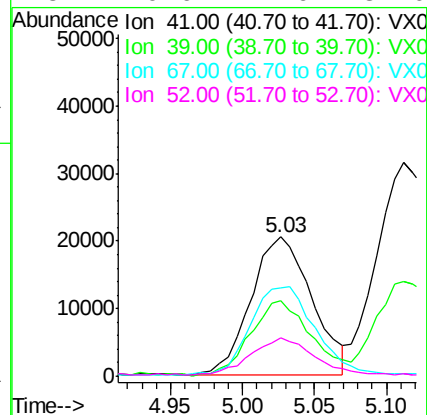
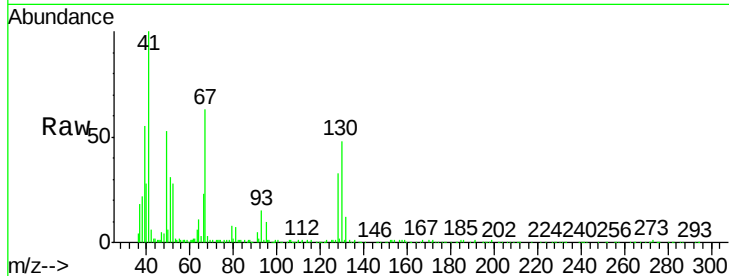




#41
Methacrylonitrile
Concen: 20.212 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

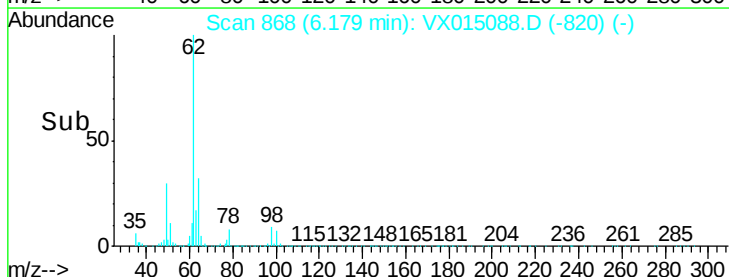
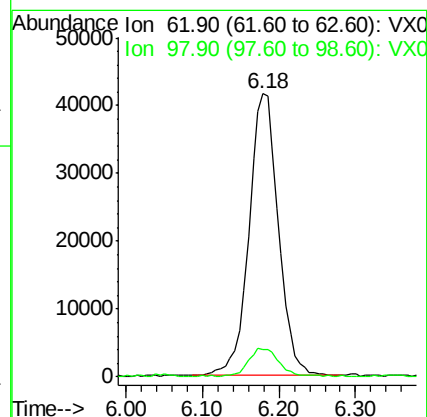
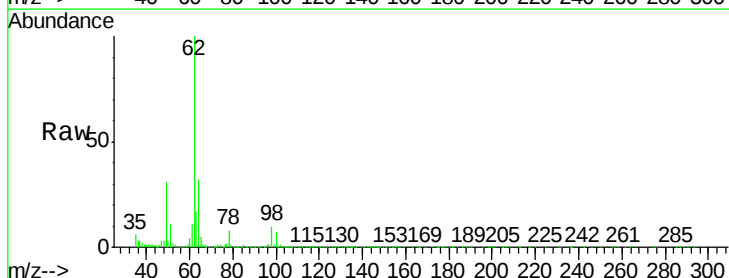
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

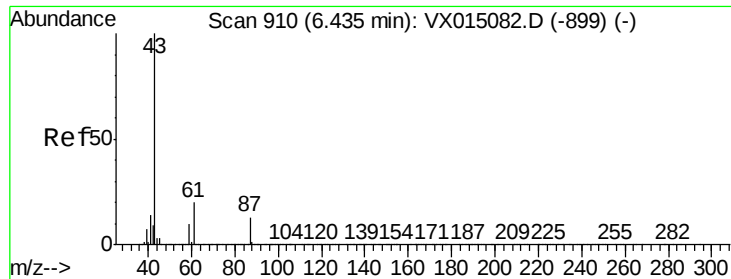
Tgt Ion:	41	Resp:	60045
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.9	65.9
67	68.6	57.8	86.8
52	29.6	22.6	34.0



#42
1,2-Dichloroethane
Concen: 20.469 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion:	62	Resp:	111200
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	20.6





#43

Isopropyl Acetate

Concen: 20.335 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

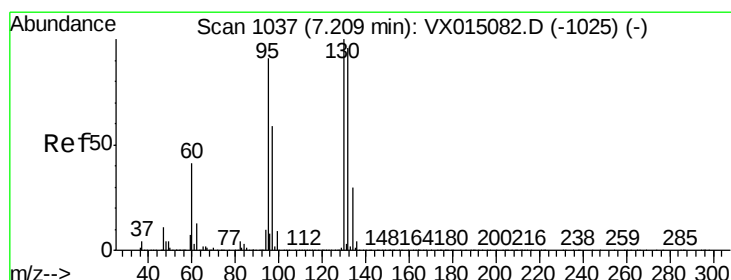
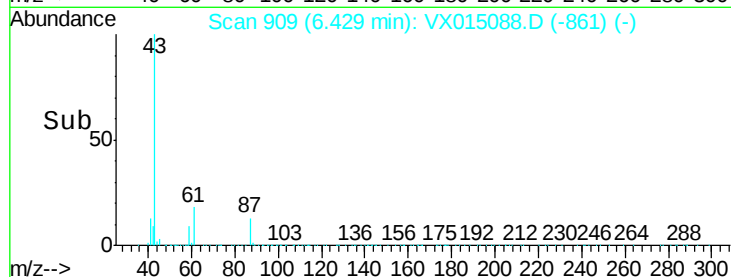
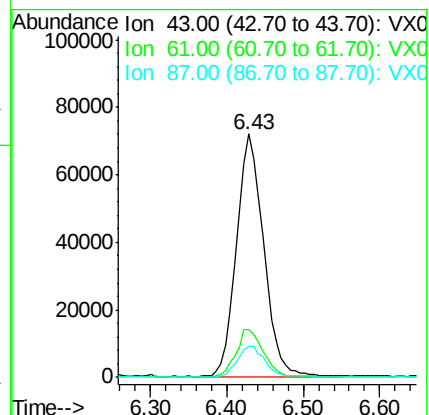
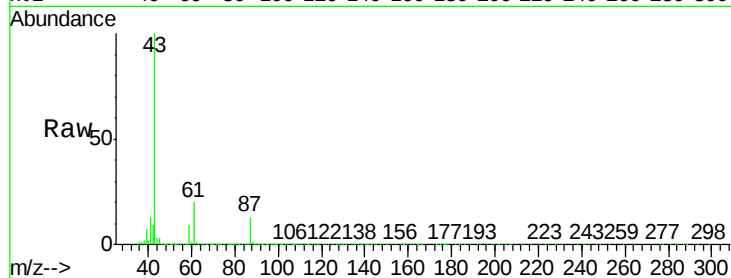
Tgt Ion: 43 Resp: 176934

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

87 13.3 10.6 16.0



#44

Trichloroethene

Concen: 19.615 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015088.D

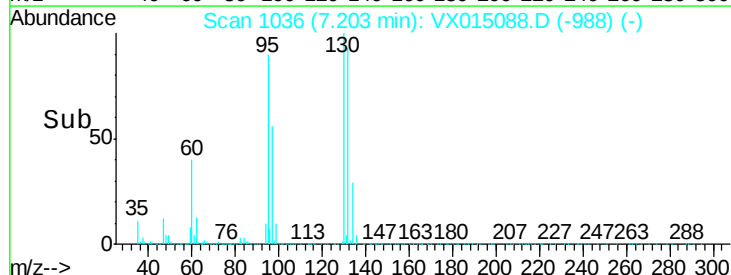
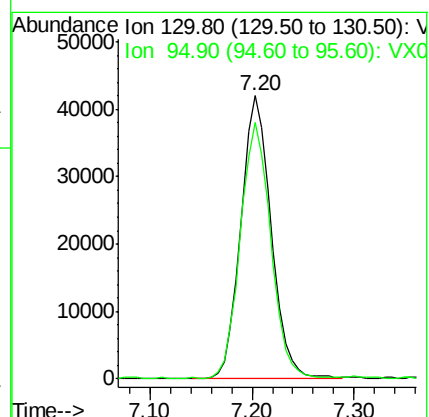
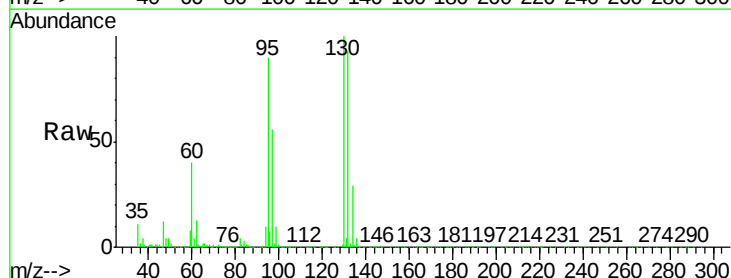
Acq: 04 Mar 2020 15:34

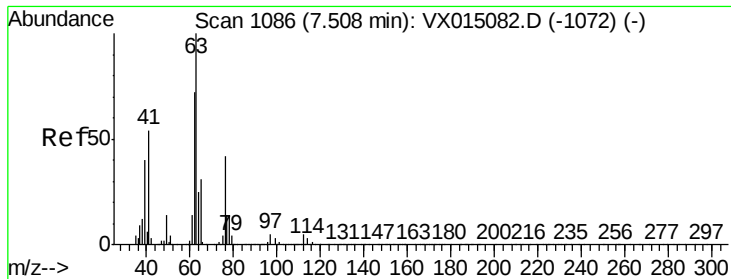
Tgt Ion: 130 Resp: 86414

Ion Ratio Lower Upper

130 100

95 90.0 0.0 181.2

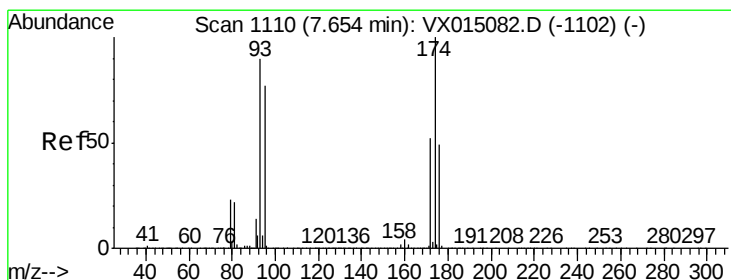
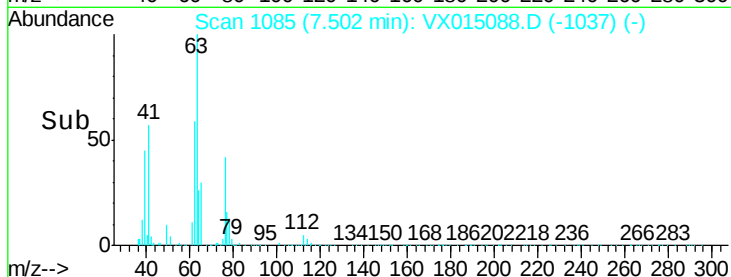
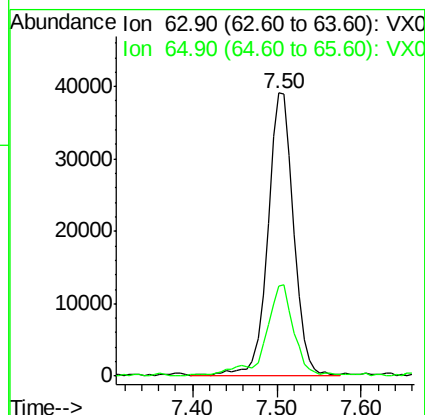
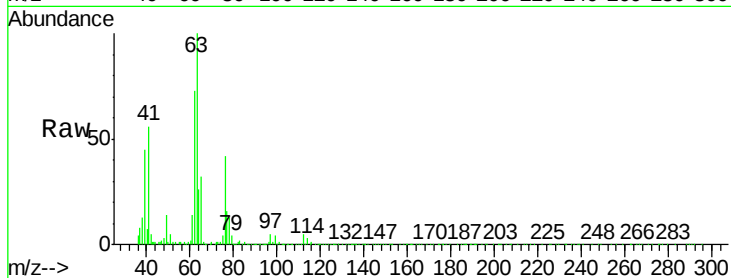




#45
 1,2-Dichloropropane
 Concen: 19.878 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

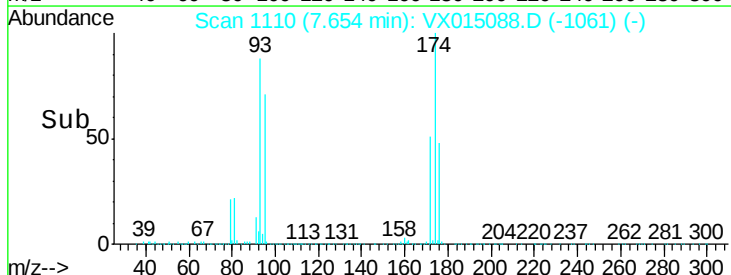
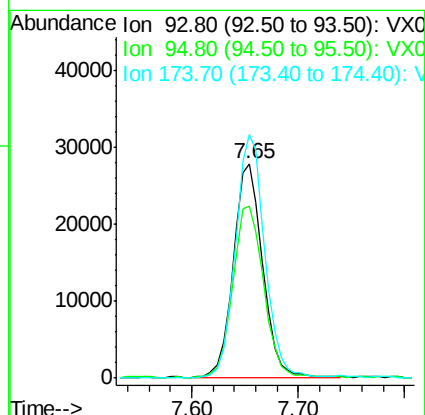
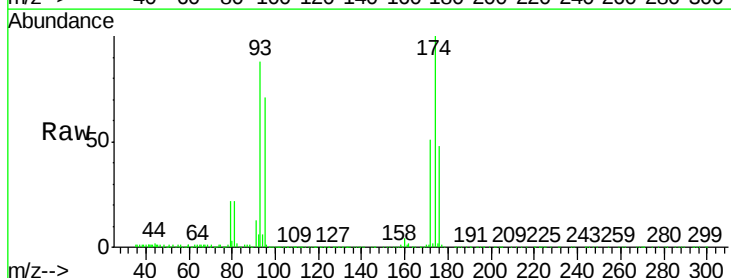
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

Tgt Ion: 63 Resp: 81392
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 36.8



#46
 Dibromomethane
 Concen: 20.375 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion: 93 Resp: 54362
 Ion Ratio Lower Upper
 93 100
 95 83.0 67.8 101.8
 174 113.1 91.0 136.4





#47

Bromodichloromethane

Concen: 19.732 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

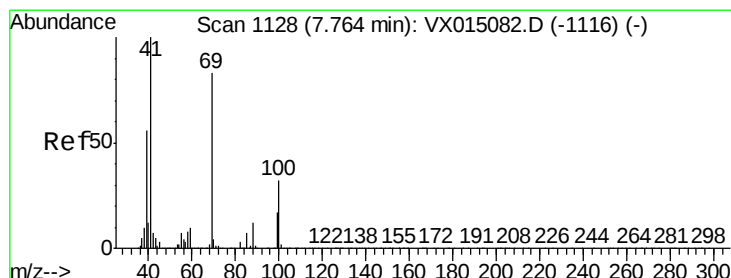
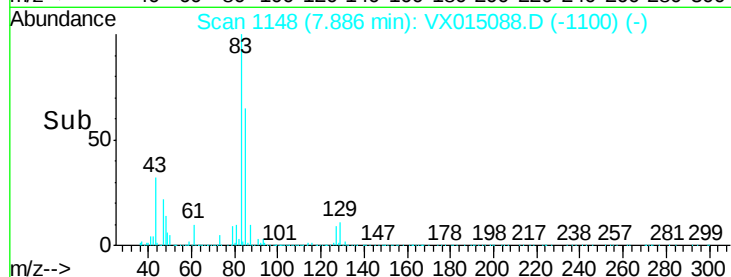
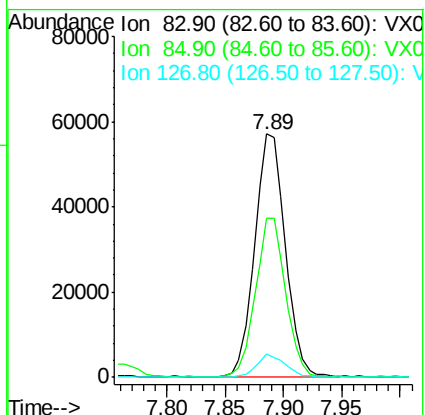
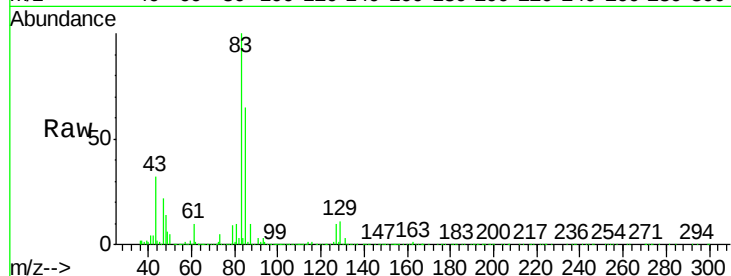
Tgt Ion: 83 Resp: 104105

Ion Ratio Lower Upper

83 100

85 65.0 50.6 75.8

127 9.6 7.1 10.7



#48

Methyl methacrylate

Concen: 19.664 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

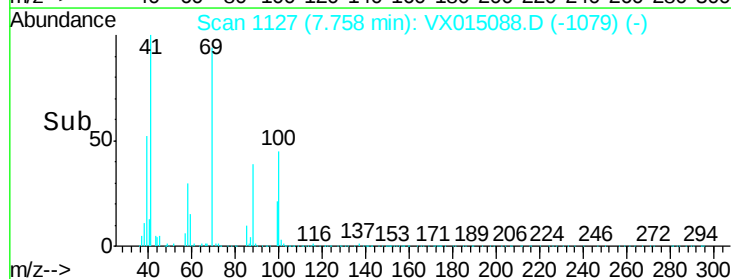
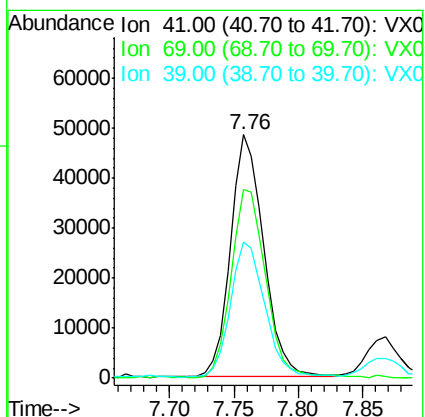
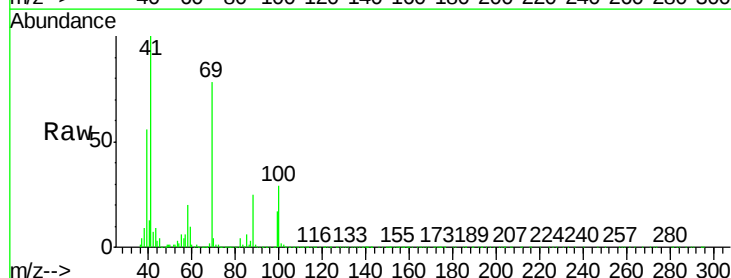
Tgt Ion: 41 Resp: 87081

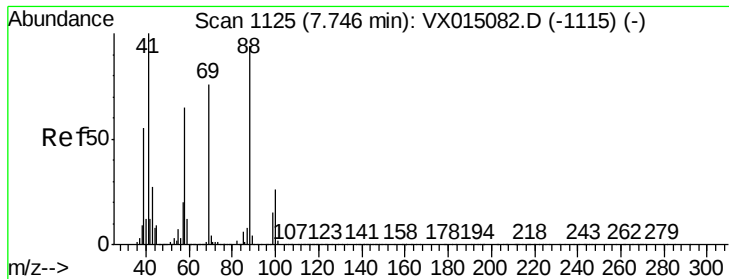
Ion Ratio Lower Upper

41 100

69 80.3 65.4 98.2

39 57.6 44.6 67.0

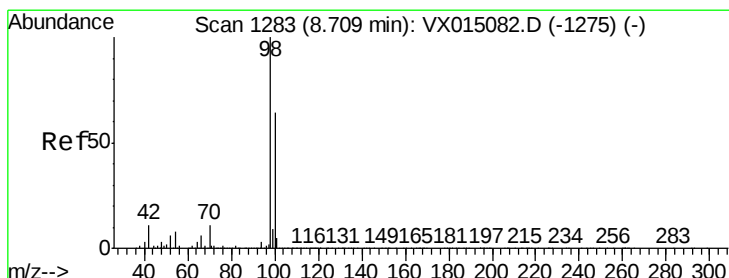
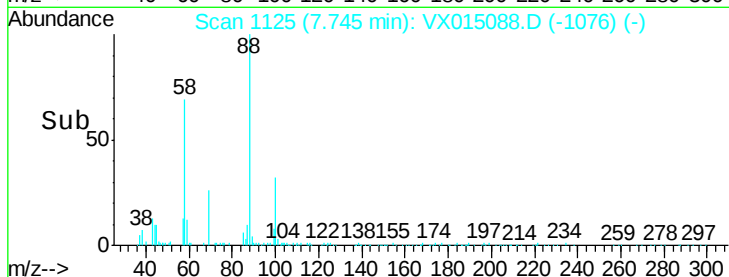
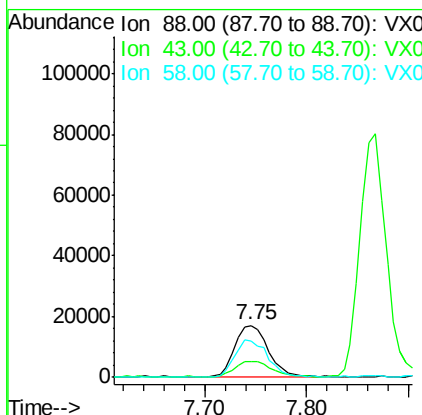
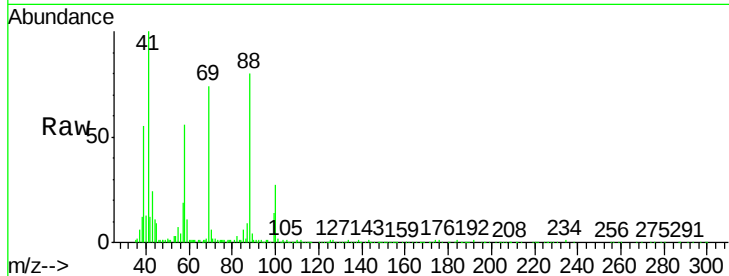




#49
1,4-Dioxane
Concen: 401.482 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

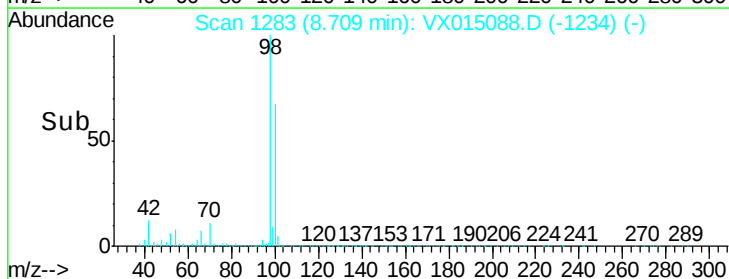
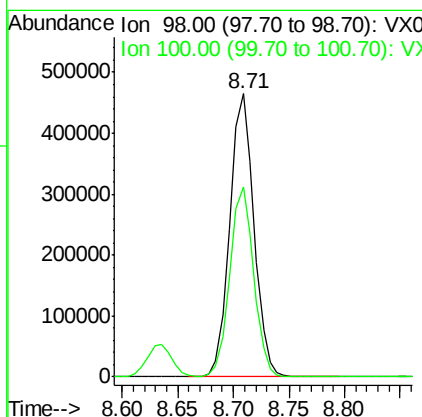
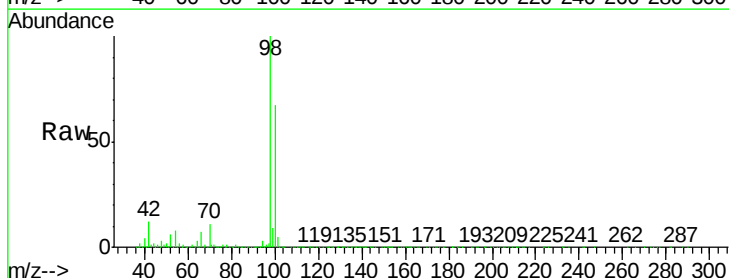
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

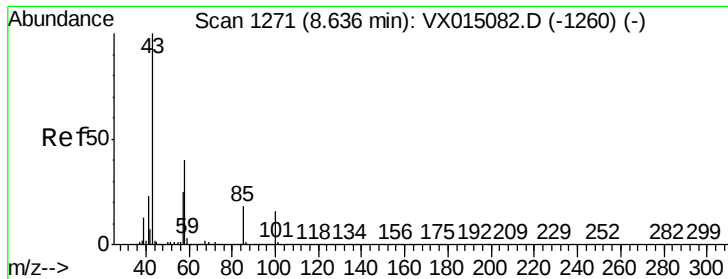
Tgt Ion: 88 Resp: 38441
Ion Ratio Lower Upper
88 100
43 36.0 27.0 40.4
58 70.0 55.6 83.4



#50
Toluene-d8
Concen: 50.298 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion: 98 Resp: 696160
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

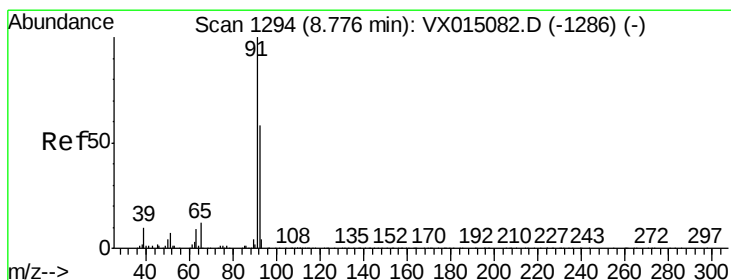
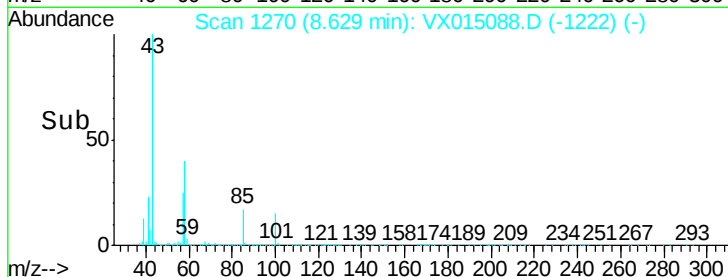
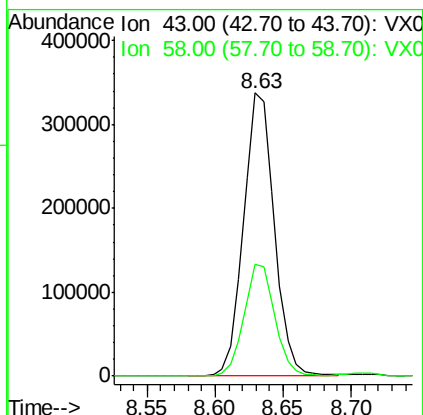
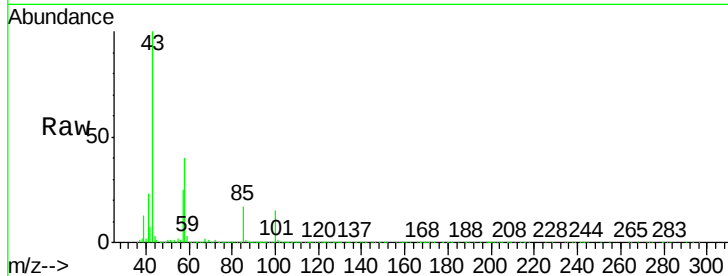




#51
 4-Methyl-2-Pentanone
 Concen: 103.685 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

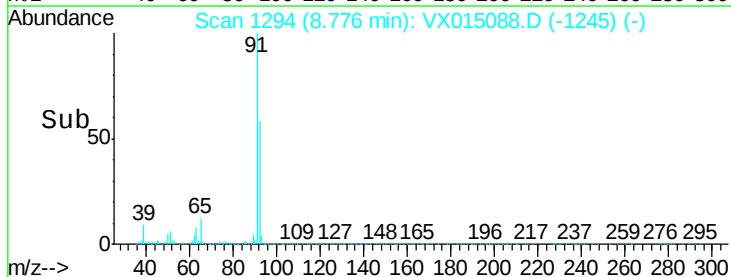
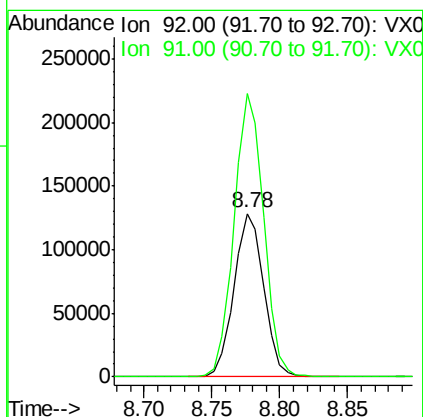
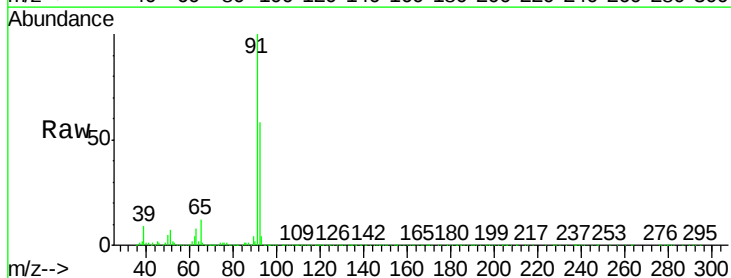
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

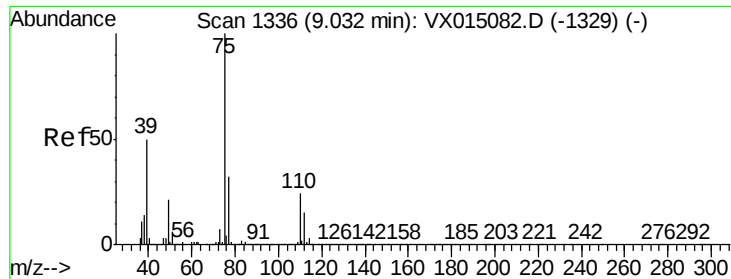
Tgt Ion: 43 Resp: 533406
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.6 47.4



#52
 Toluene
 Concen: 20.185 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion: 92 Resp: 195234
 Ion Ratio Lower Upper
 92 100
 91 172.6 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 20.661 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

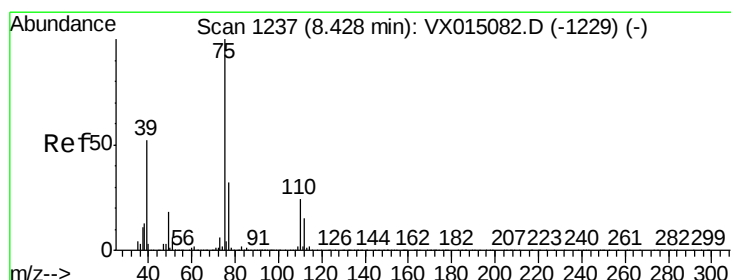
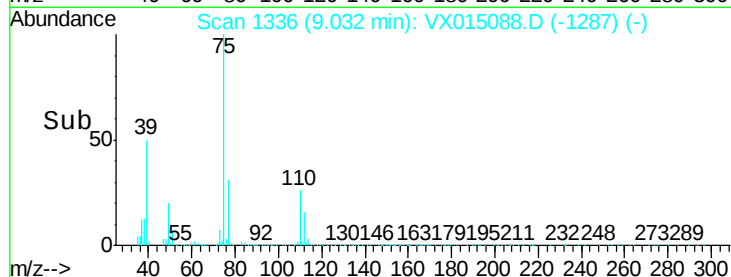
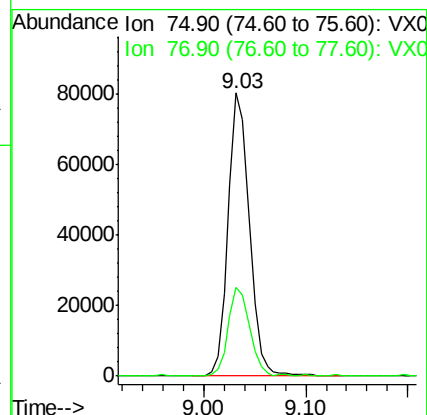
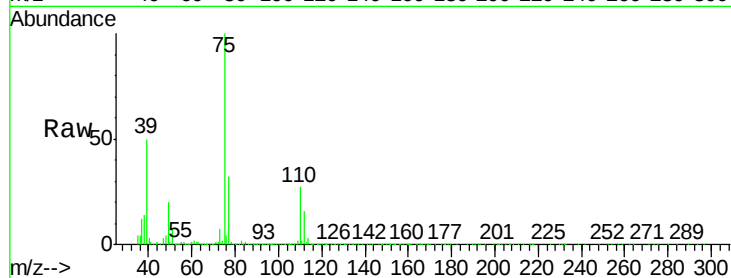
VX0304WBSD01

Tgt Ion: 75 Resp: 116025

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.857 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

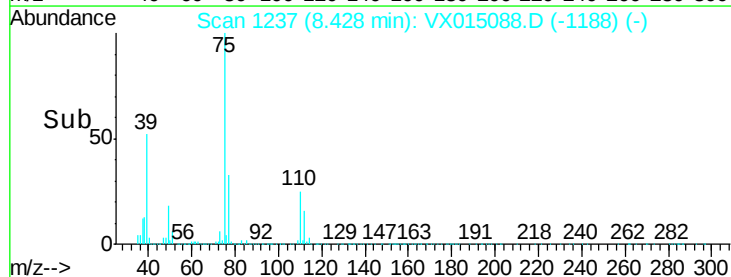
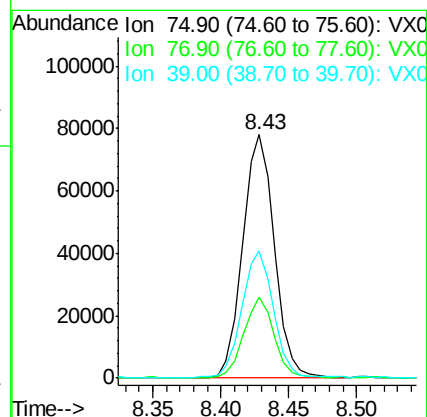
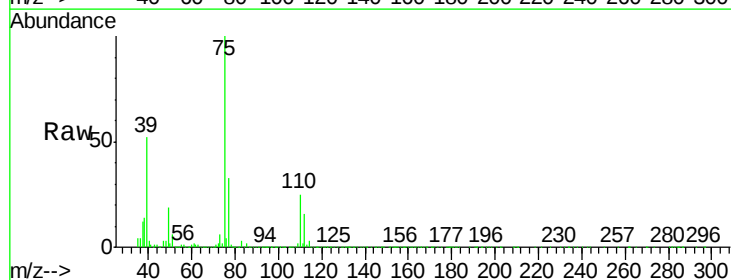
Tgt Ion: 75 Resp: 126065

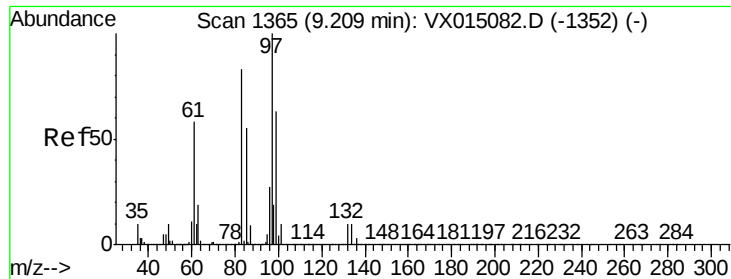
Ion Ratio Lower Upper

75 100

77 32.9 25.8 38.6

39 51.8 41.3 61.9

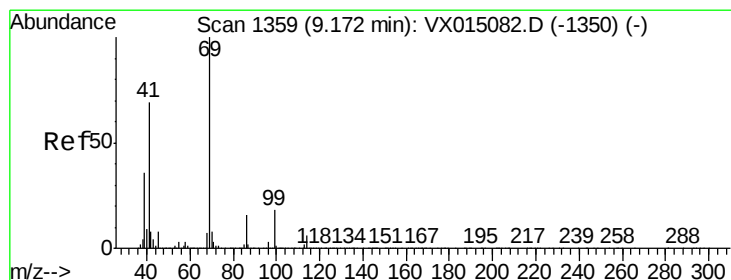
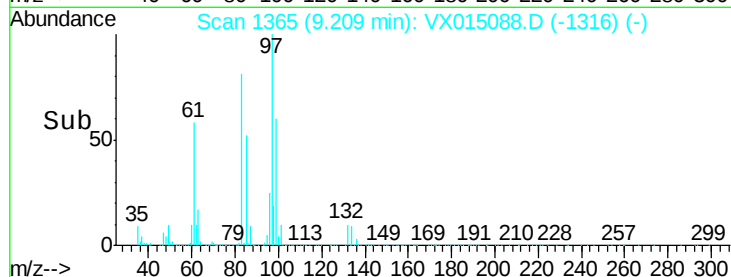
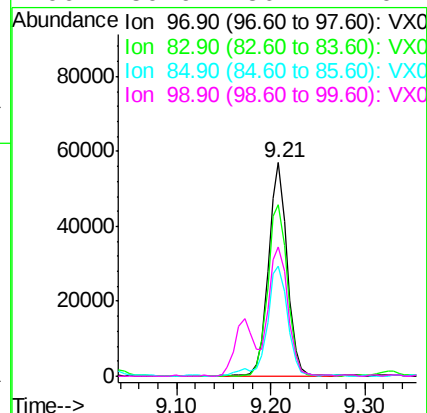
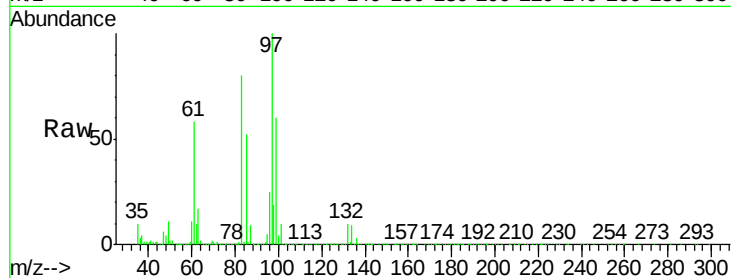




#55
 1,1,2-Trichloroethane
 Concen: 20.284 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

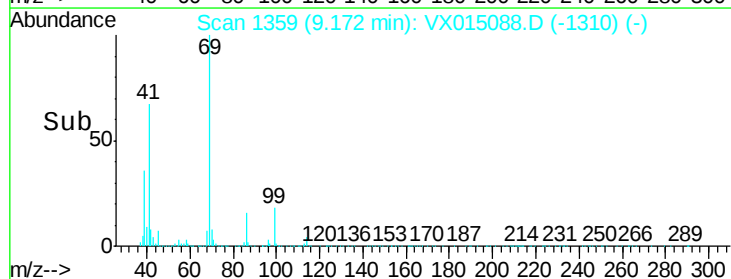
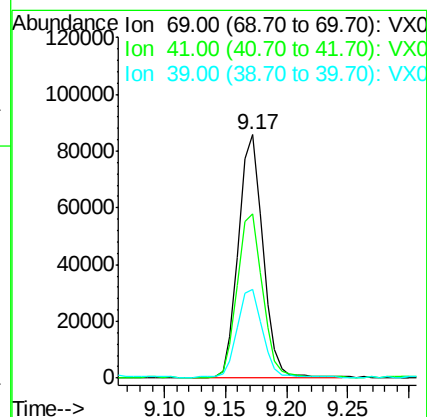
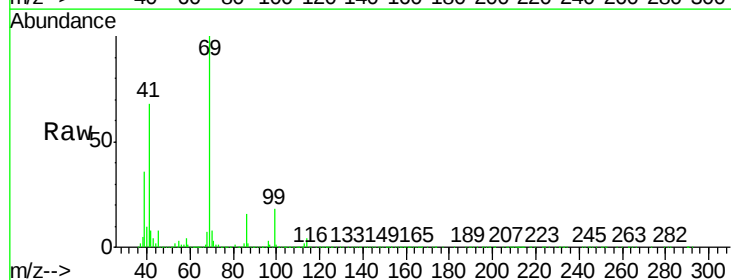
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

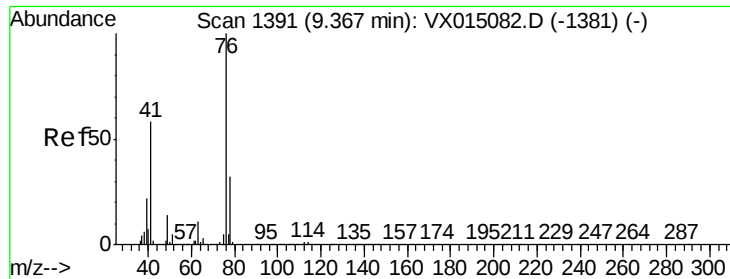
Tgt Ion:	97	Resp:	80754
Ion	Ratio	Lower	Upper
97	100		
83	80.3	66.4	99.6
85	51.4	43.5	65.3
99	59.9	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 20.848 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion:	69	Resp:	118385
Ion	Ratio	Lower	Upper
69	100		
41	71.0	55.8	83.8
39	37.1	29.4	44.2





#57

1,3-Dichloropropane

Concen: 20.376 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

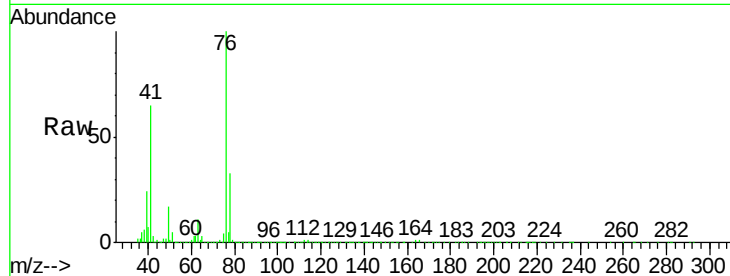
VX0304WBSD01

Tgt Ion: 76 Resp: 136473

Ion Ratio Lower Upper

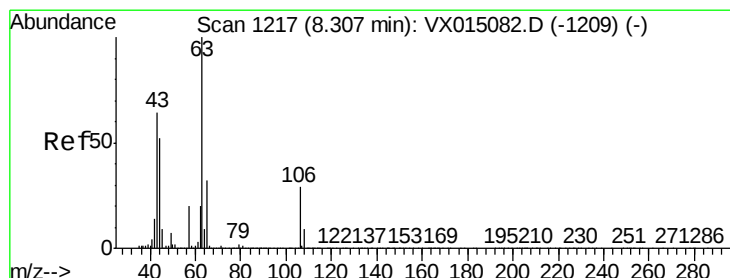
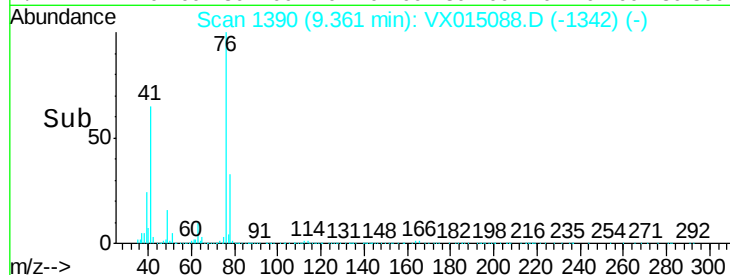
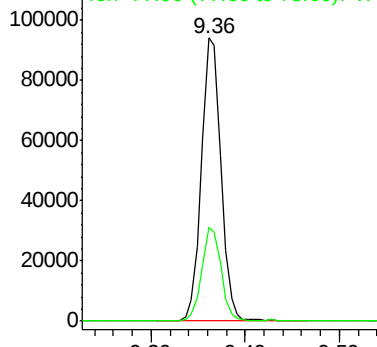
76 100

78 32.1 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: 99.549 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015088.D

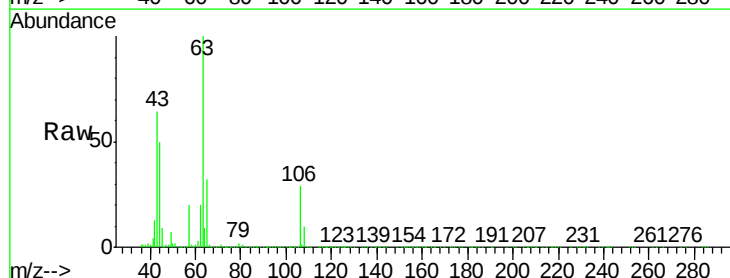
Acq: 04 Mar 2020 15:34

Tgt Ion: 63 Resp: 307960

Ion Ratio Lower Upper

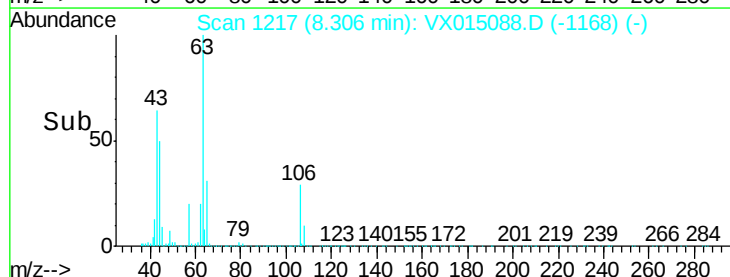
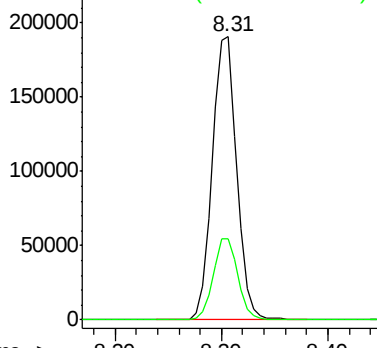
63 100

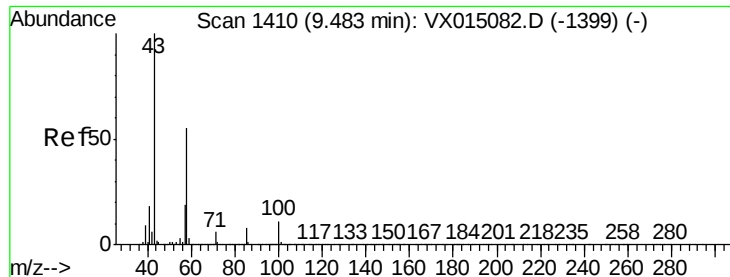
106 28.6 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

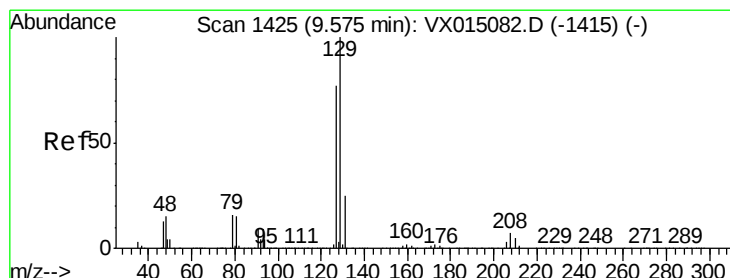
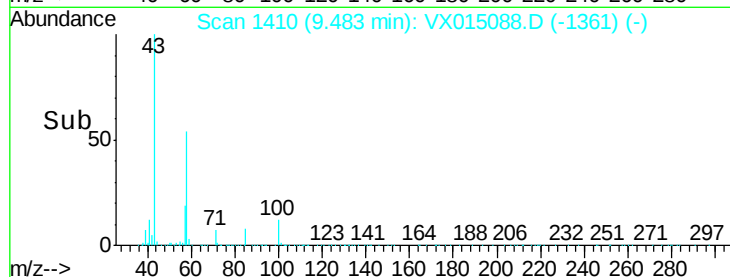
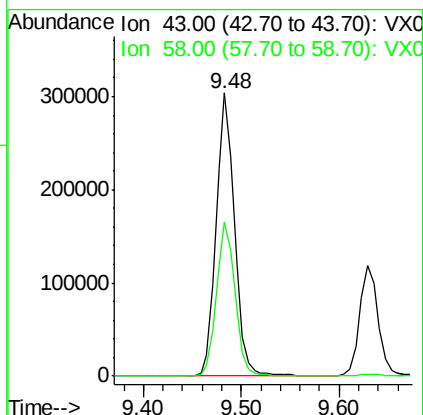
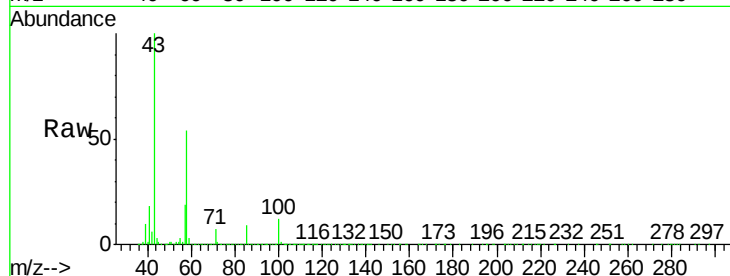




#59
2-Hexanone
Concen: 103.745 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

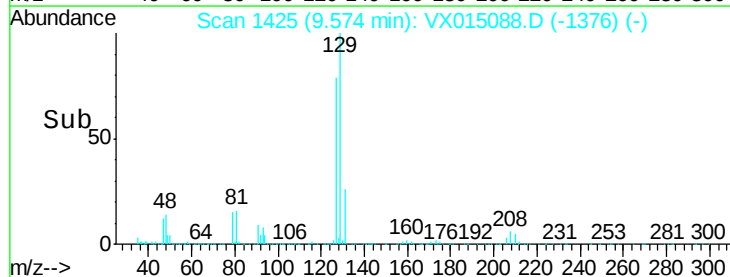
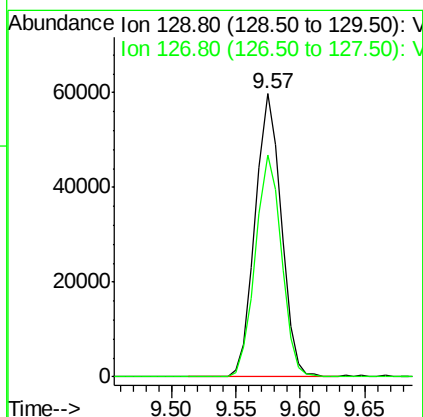
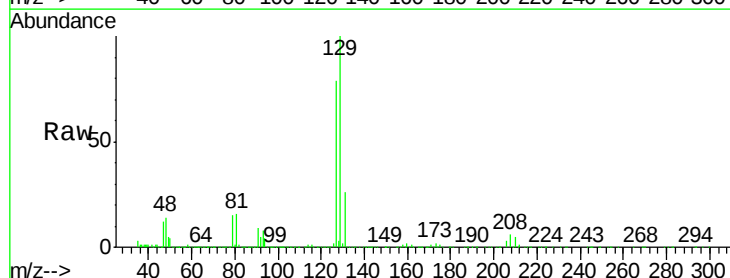
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

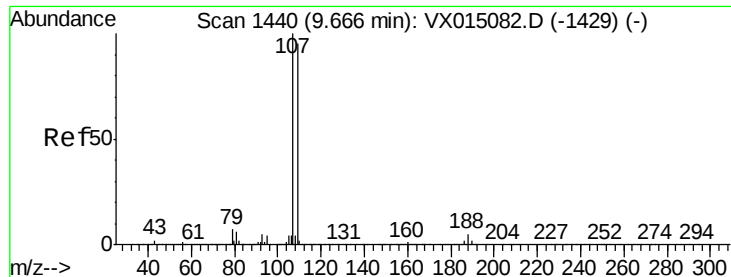
Tgt Ion: 43 Resp: 395580
Ion Ratio Lower Upper
43 100
58 54.9 27.3 81.8



#60
Dibromochloromethane
Concen: 20.044 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion: 129 Resp: 83825
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.109 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

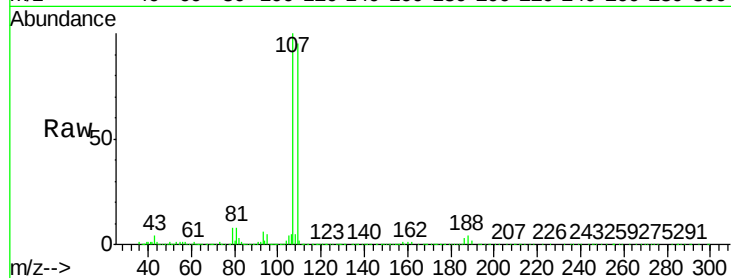
VX0304WBSD01

Tgt Ion: 107 Resp: 84087

Ion Ratio Lower Upper

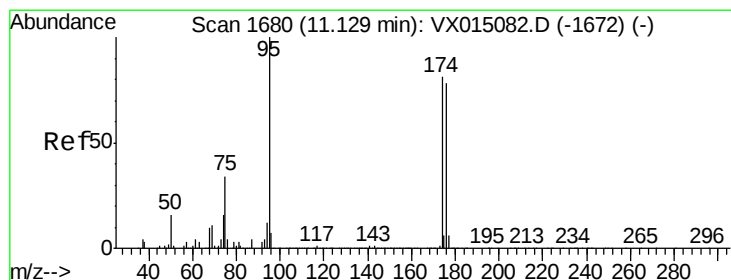
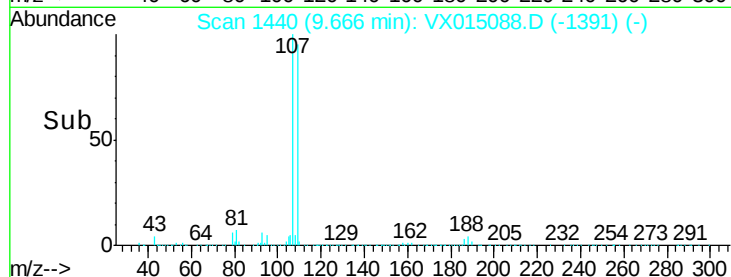
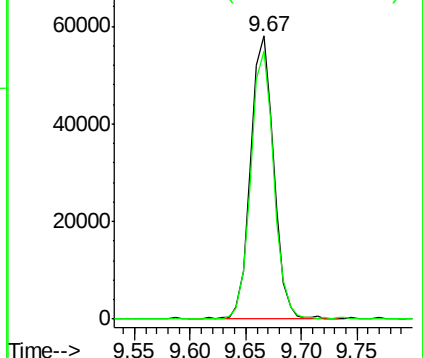
107 100

109 94.1 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.433 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

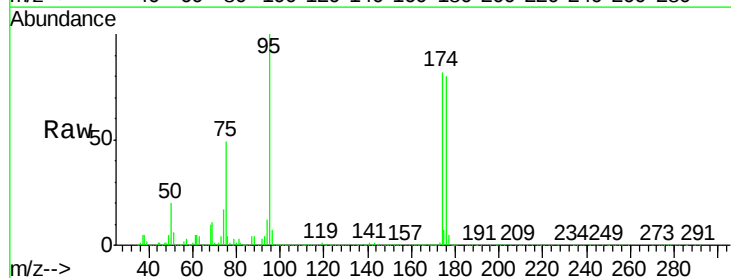
Tgt Ion: 95 Resp: 248980

Ion Ratio Lower Upper

95 100

174 89.6 0.0 177.6

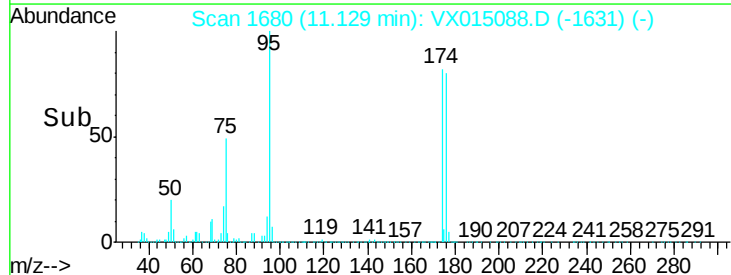
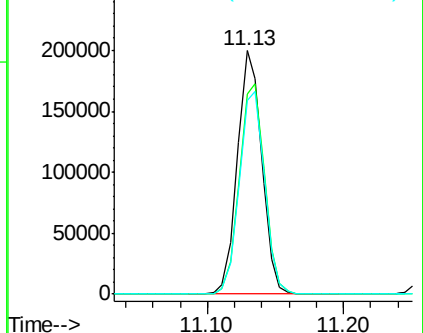
176 86.8 0.0 170.2

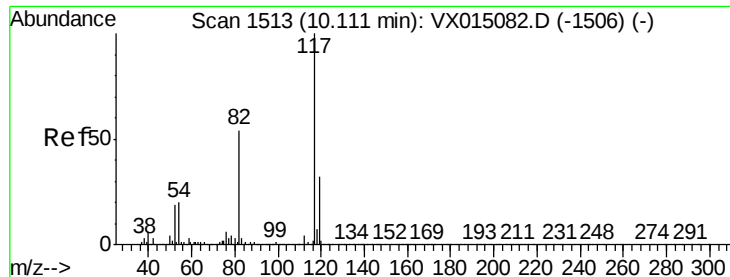


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

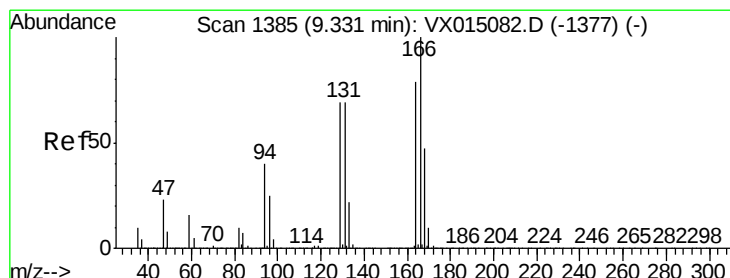
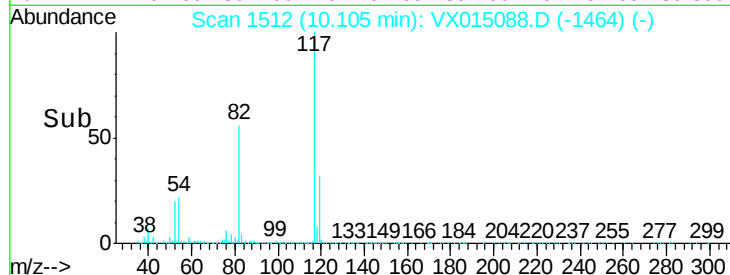
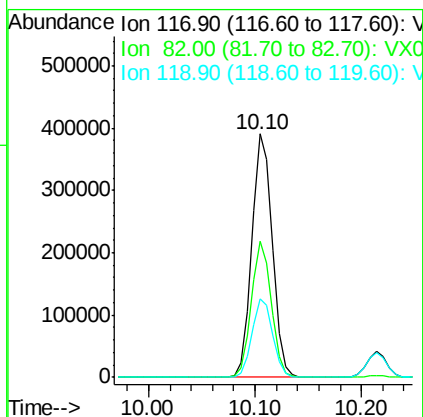
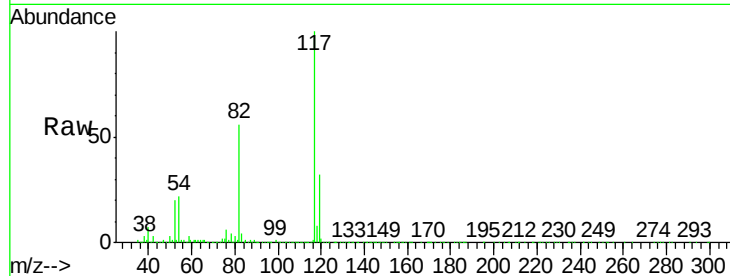




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

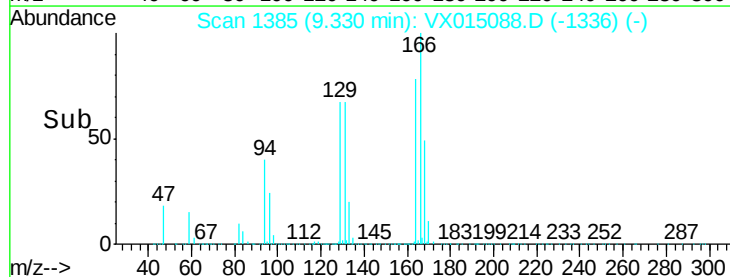
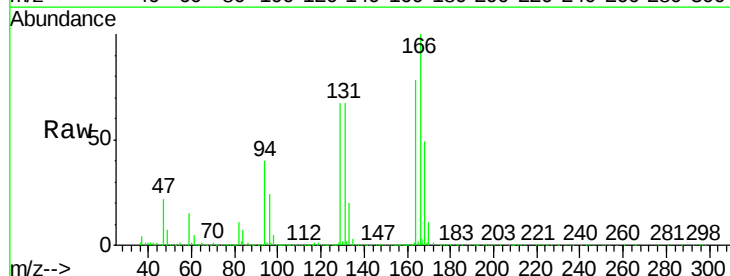
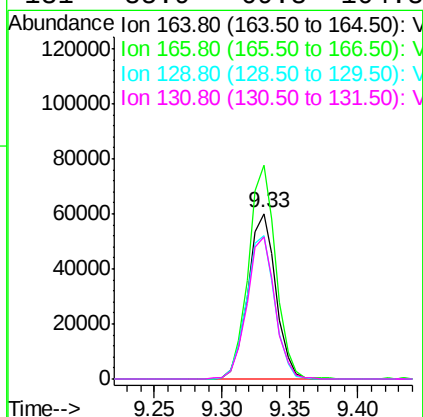
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

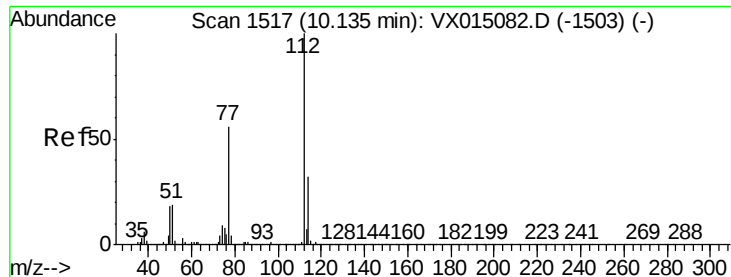
Tgt Ion:117 Resp: 528080
Ion Ratio Lower Upper
117 100
82 55.7 43.3 64.9
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 19.754 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion:164 Resp: 86252
Ion Ratio Lower Upper
164 100
166 129.0 101.1 151.7
129 86.2 69.4 104.0
131 85.9 69.8 104.8





#65

Chlorobenzene

Concen: 19.866 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

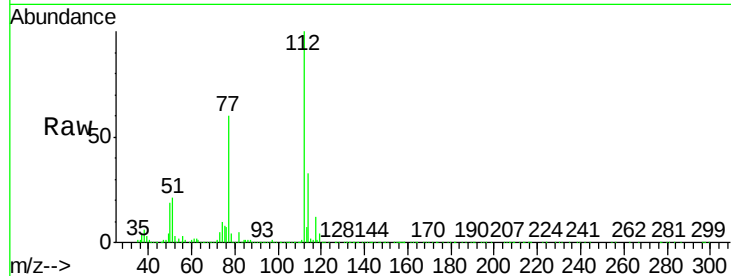
VX0304WBSD01

Tgt Ion:112 Resp: 210621

Ion Ratio Lower Upper

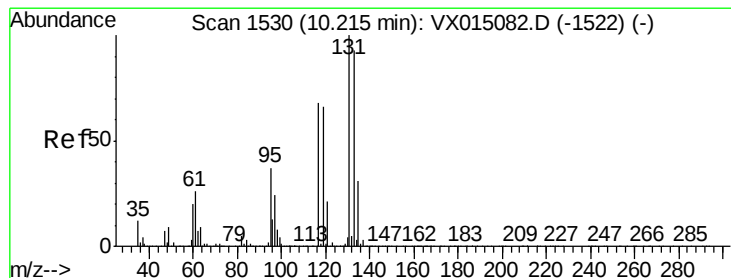
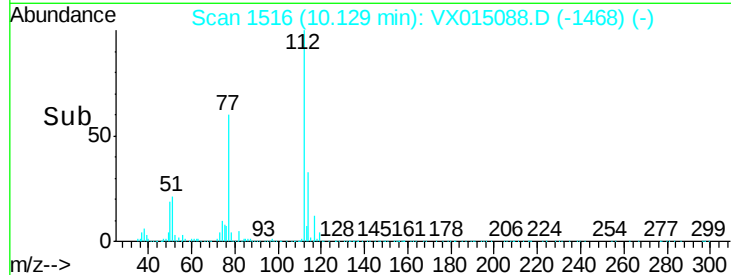
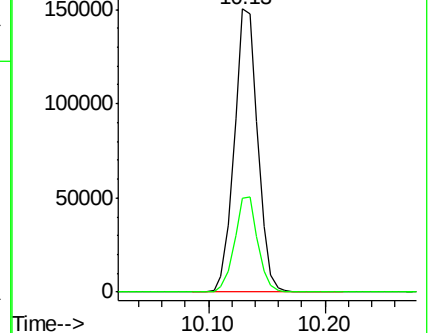
112 100

114 33.0 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.781 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

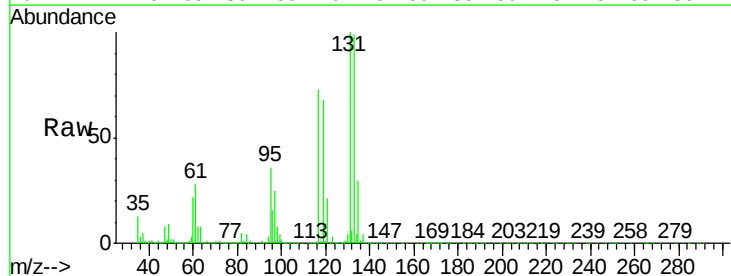
Tgt Ion:131 Resp: 79081

Ion Ratio Lower Upper

131 100

133 96.9 47.5 142.5

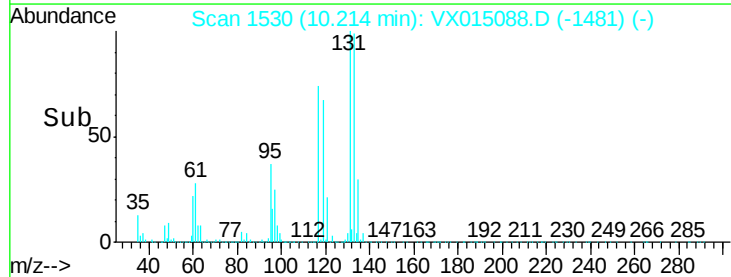
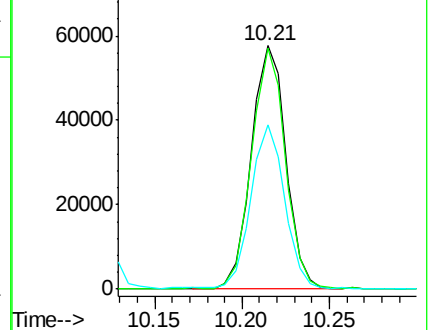
119 66.1 33.4 100.1

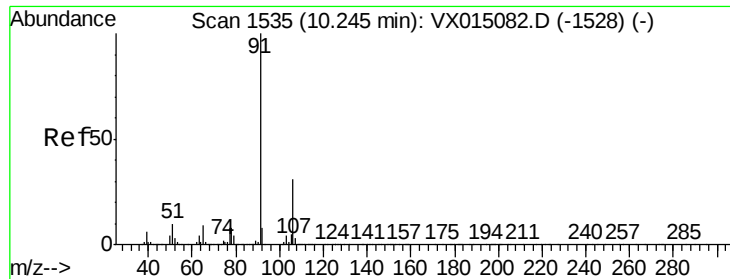


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

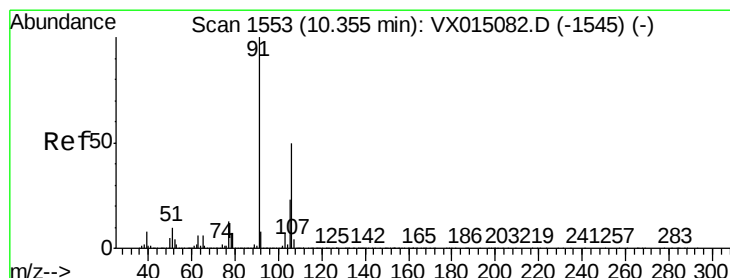
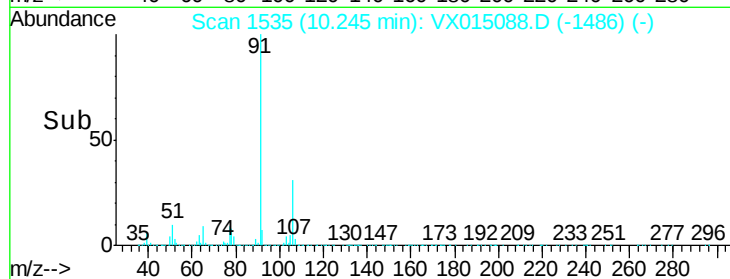
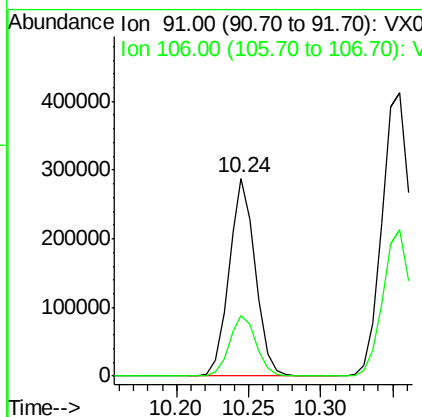
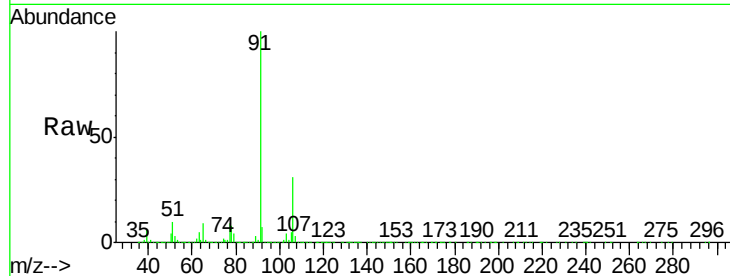




#67
Ethyl Benzene
Concen: 20.353 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

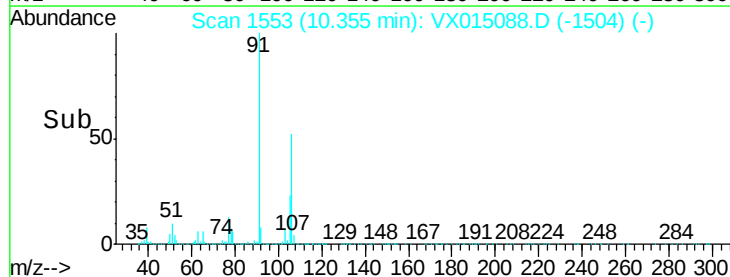
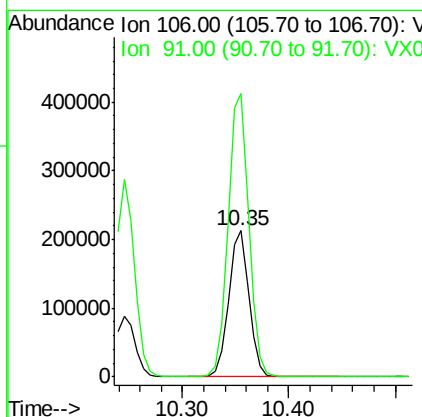
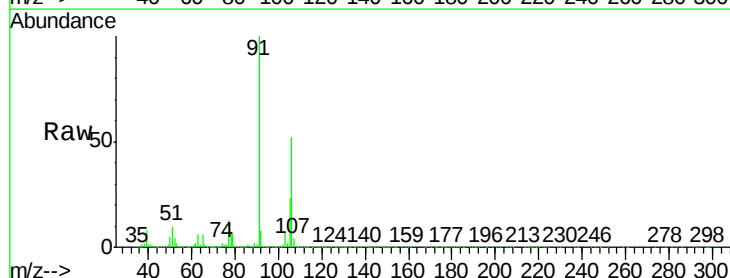
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

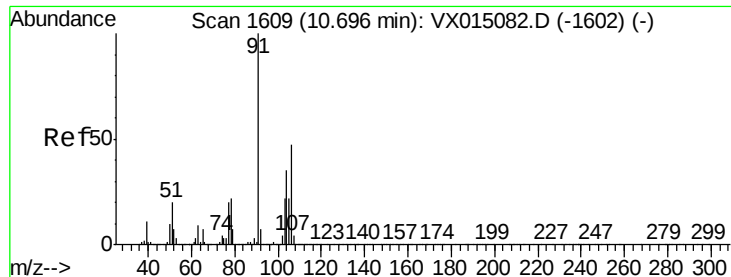
Tgt Ion: 91 Resp: 366418
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3



#68
m/p-Xylenes
Concen: 41.357 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion: 106 Resp: 283276
Ion Ratio Lower Upper
106 100
91 198.6 159.4 239.2

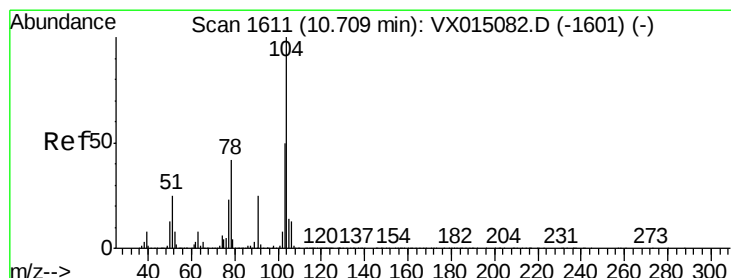
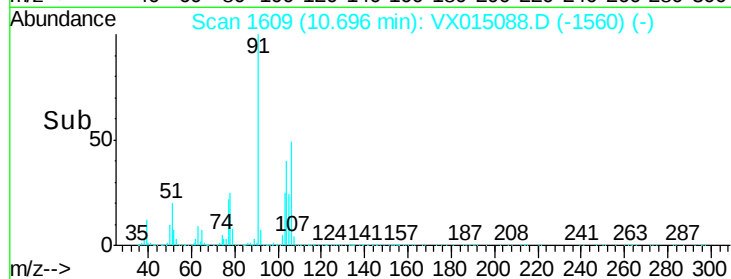
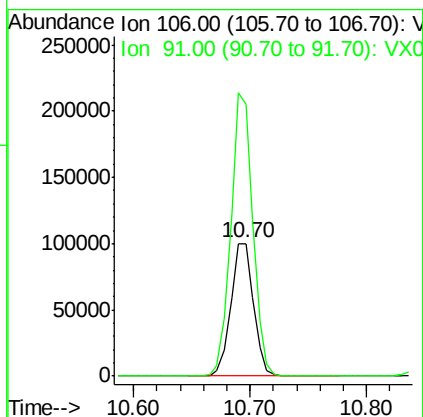
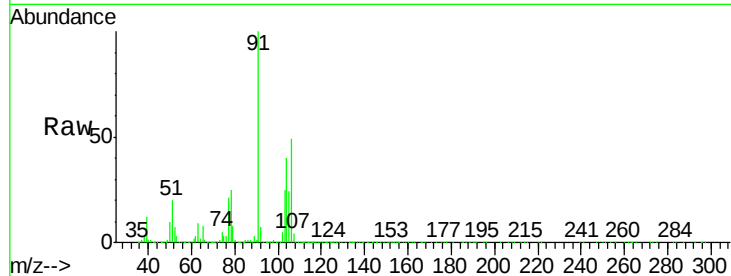




#69
o-Xylene
Concen: 20.686 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

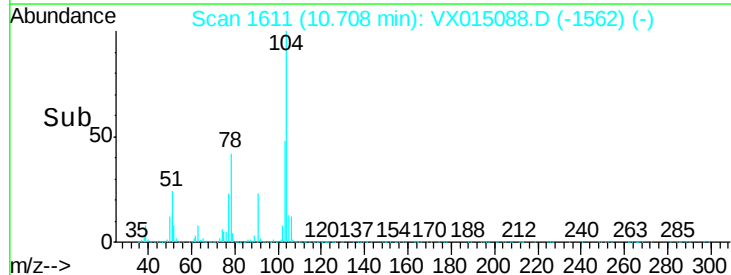
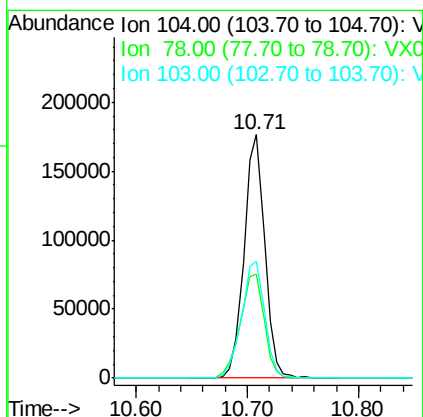
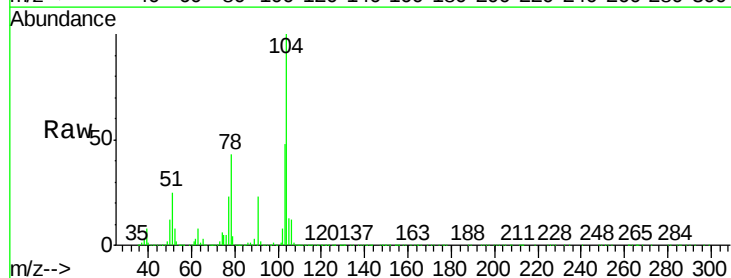
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

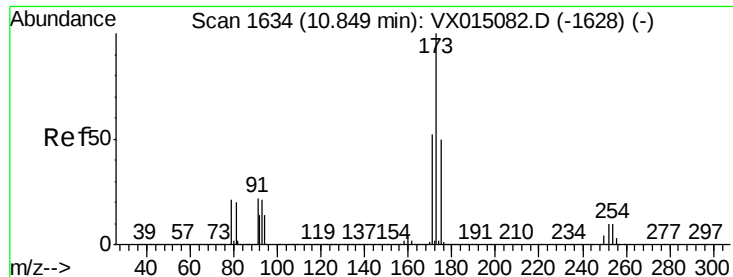
Tgt Ion:106 Resp: 135659
Ion Ratio Lower Upper
106 100
91 207.0 105.4 316.1



#70
Styrene
Concen: 20.271 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion:104 Resp: 227934
Ion Ratio Lower Upper
104 100
78 49.5 39.0 58.4
103 53.6 43.7 65.5





#71

Bromoform

Concen: 19.861 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

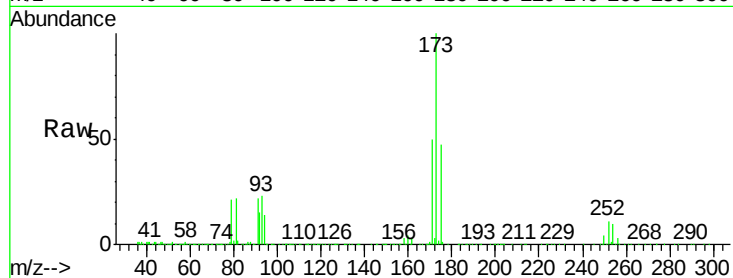
Tgt Ion:173 Resp: 61572

Ion Ratio Lower Upper

173 100

175 50.1 24.9 74.7

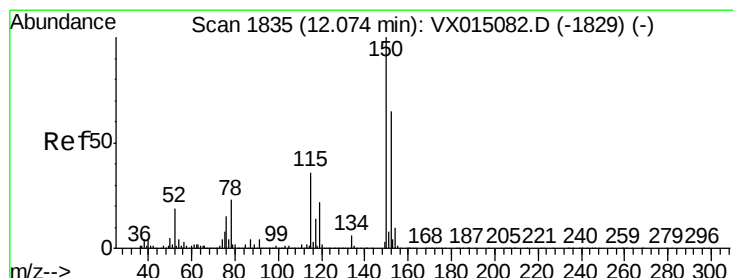
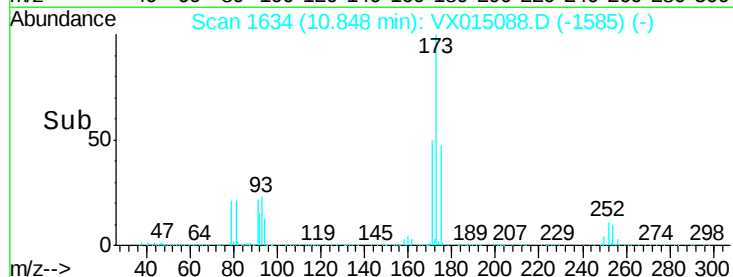
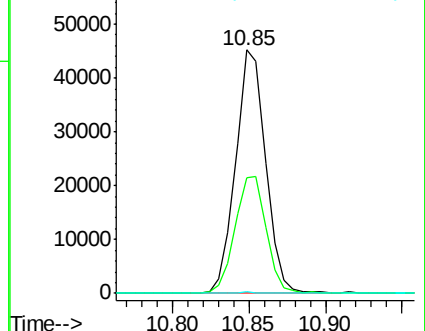
254 0.3 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

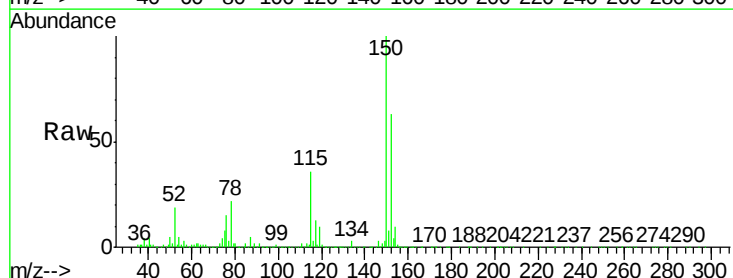
Tgt Ion:152 Resp: 272096

Ion Ratio Lower Upper

152 100

115 64.7 38.2 114.6

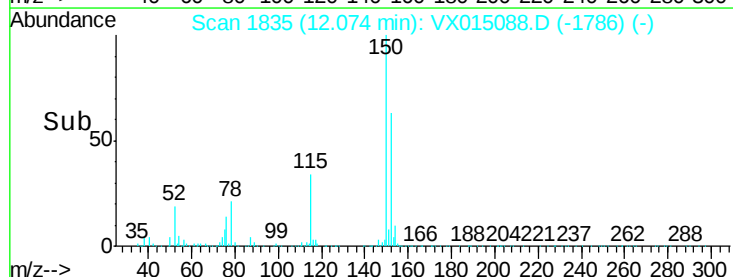
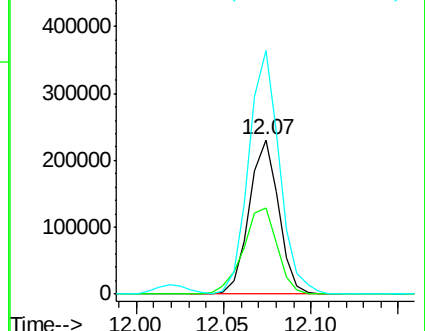
150 164.3 0.0 343.8

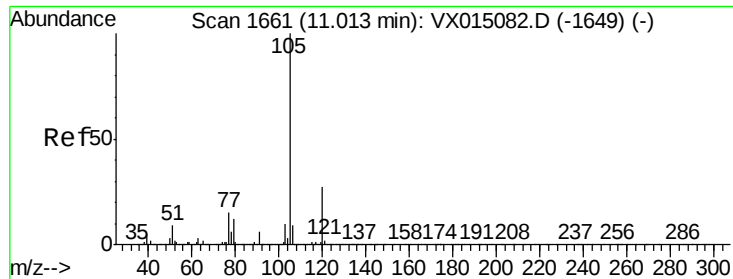


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.546 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

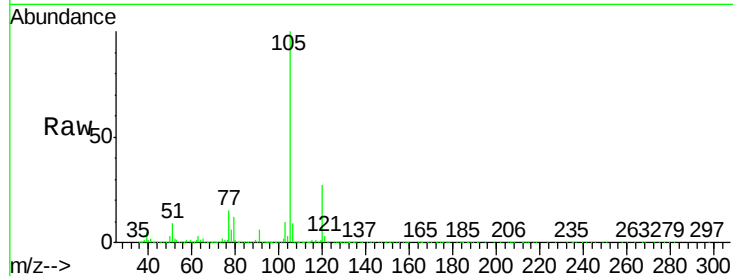
VX0304WBSD01

Tgt Ion: 105 Resp: 357124

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

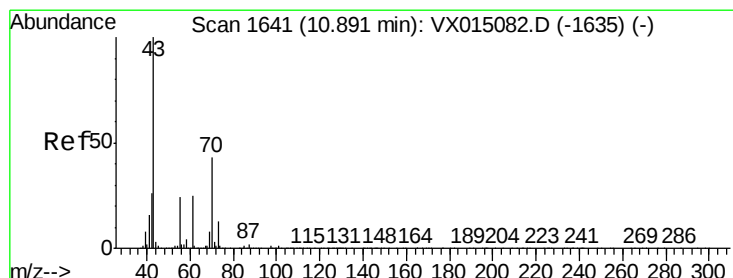
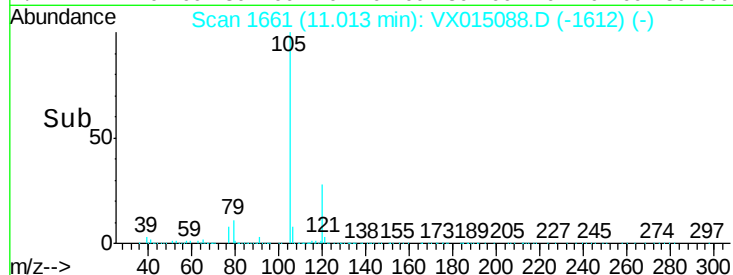
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 20.139 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Tgt Ion: 43 Resp: 147523

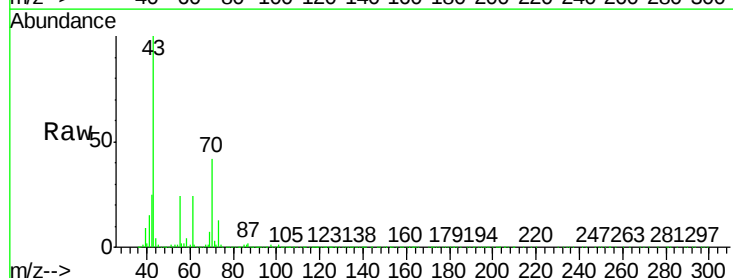
Ion Ratio Lower Upper

43 100

70 42.5 34.7 52.1

55 24.8 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

200000

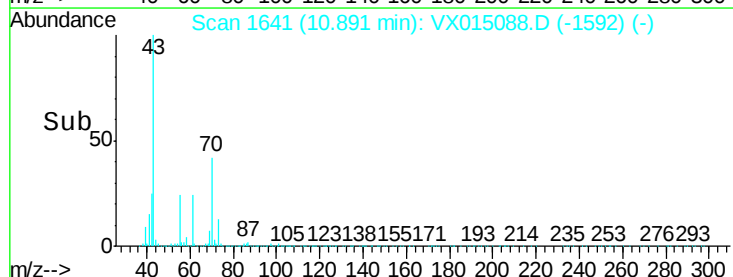
150000

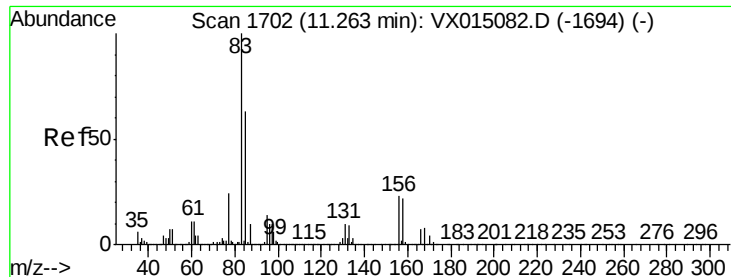
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.114 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

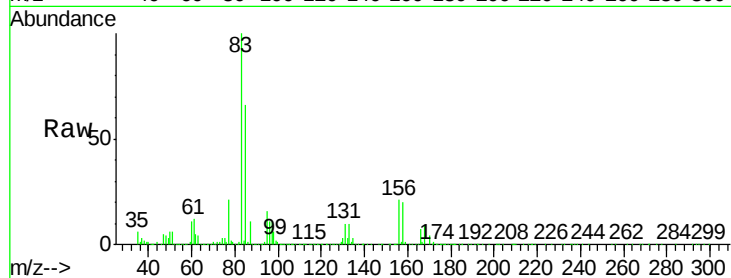
Tgt Ion: 83 Resp: 116516

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

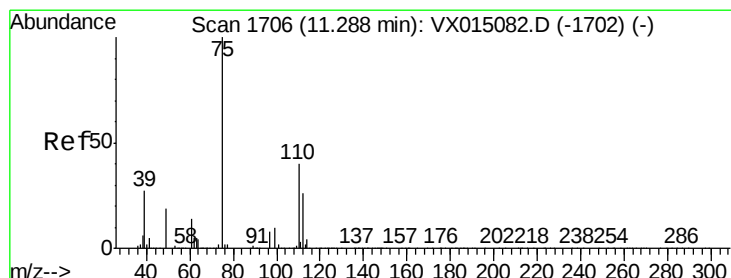
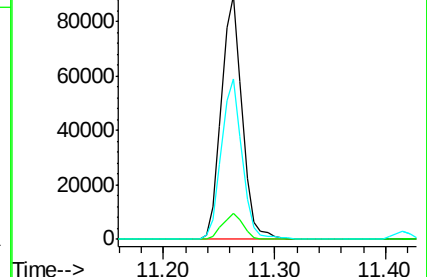
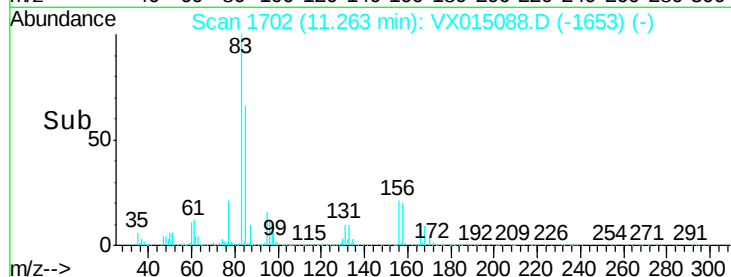
85 65.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.128 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX015088.D

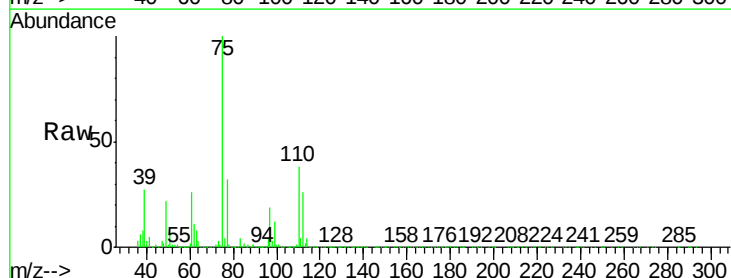
Acq: 04 Mar 2020 15:34

Tgt Ion: 75 Resp: 130953

Ion Ratio Lower Upper

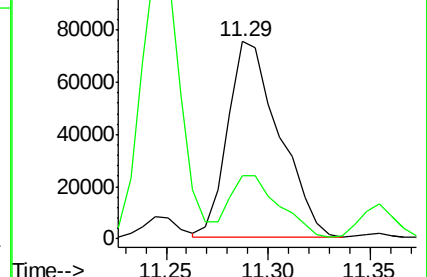
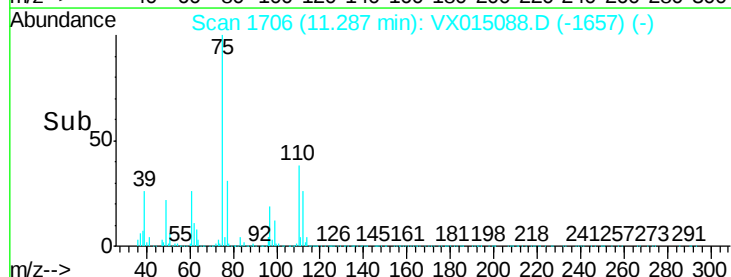
75 100

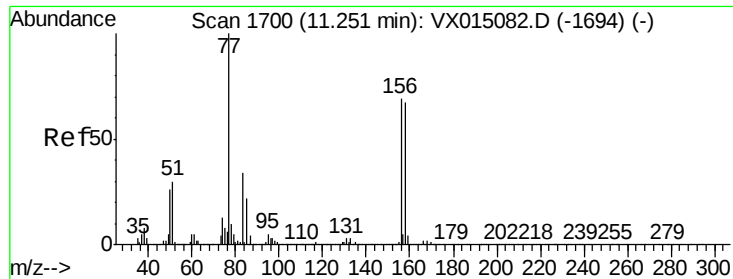
77 32.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

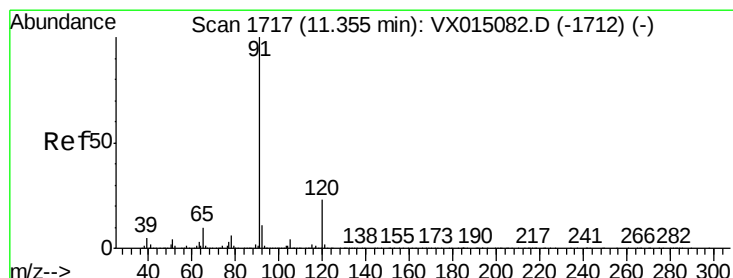
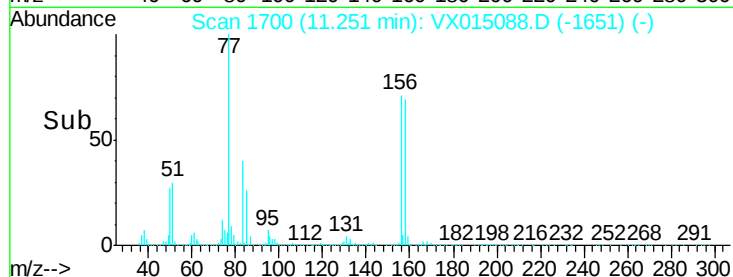
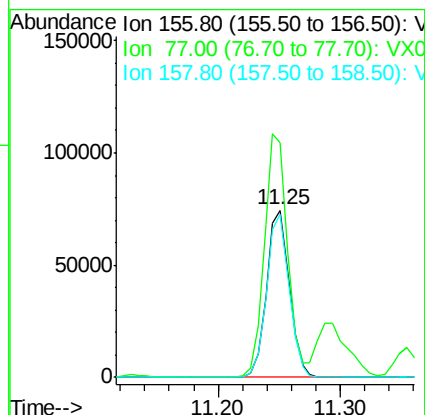
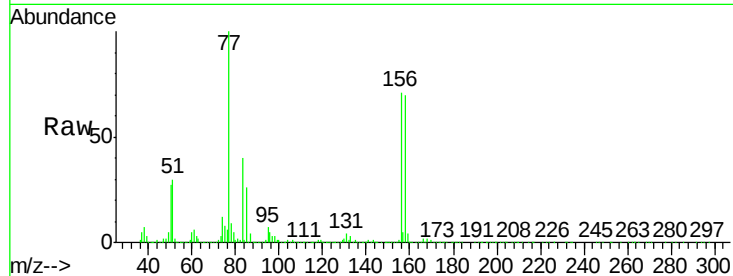




#77
Bromobenzene
Concen: 19.996 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

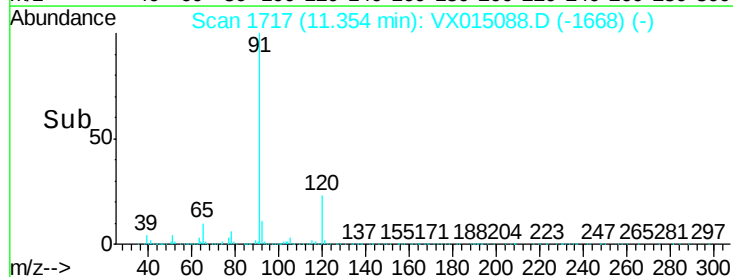
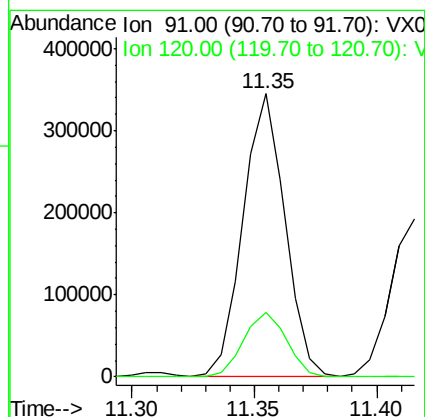
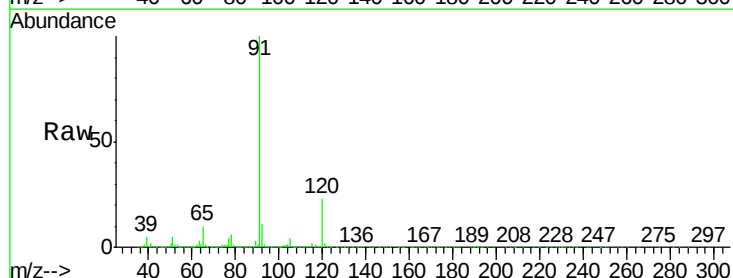
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

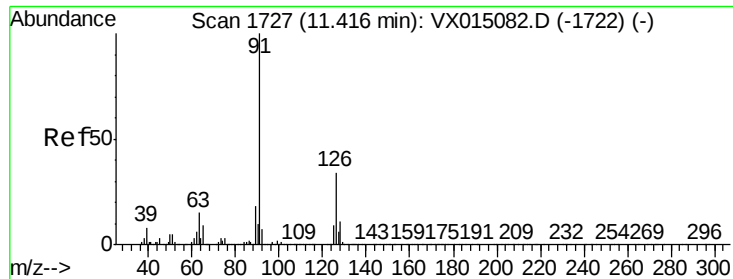
Tgt Ion:156 Resp: 96864
Ion Ratio Lower Upper
156 100
77 147.0 75.3 225.9
158 96.5 48.5 145.6



#78
n-propylbenzene
Concen: 20.562 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion: 91 Resp: 408324
Ion Ratio Lower Upper
91 100
120 23.6 11.7 35.1





#79

2-Chlorotoluene

Concen: 20.446 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

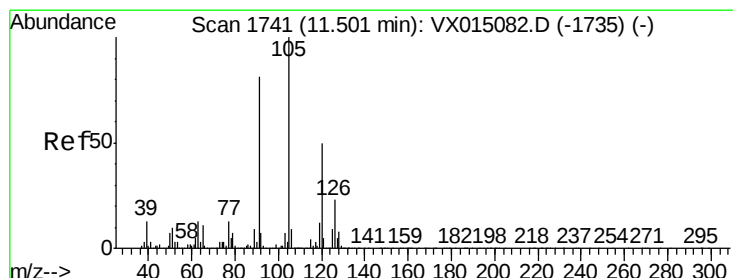
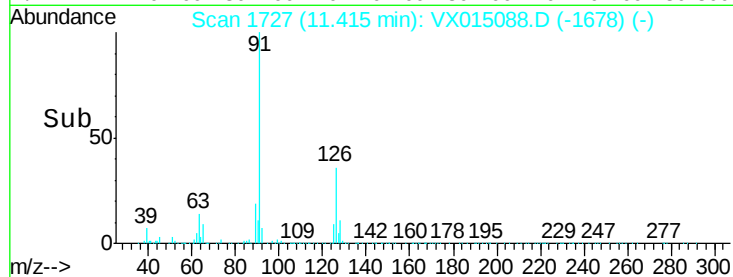
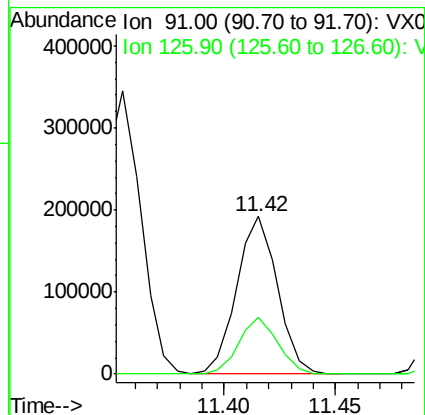
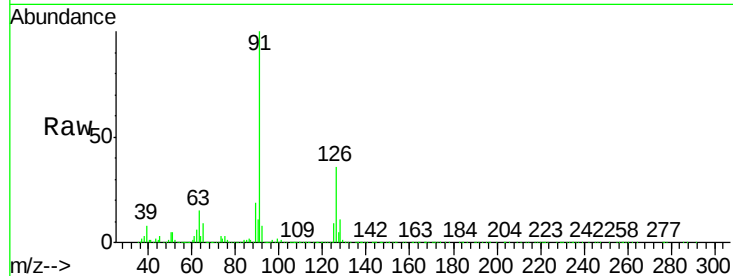
VX0304WBSD01

Tgt Ion: 91 Resp: 242466

Ion Ratio Lower Upper

91 100

126 35.0 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 20.763 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015088.D

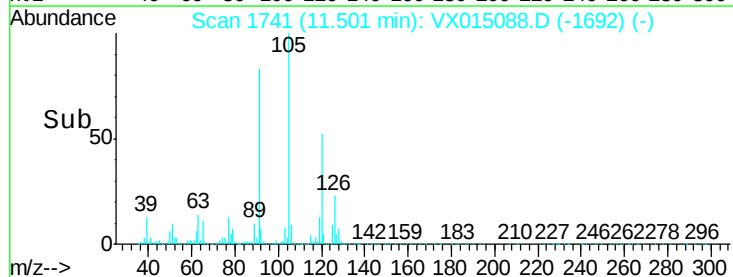
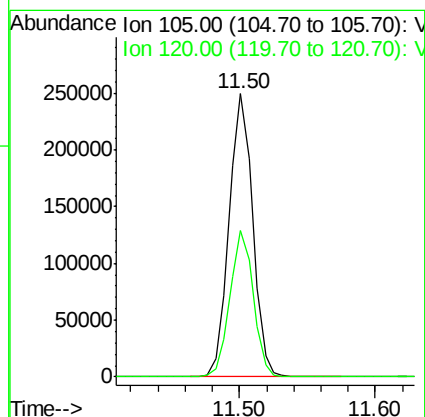
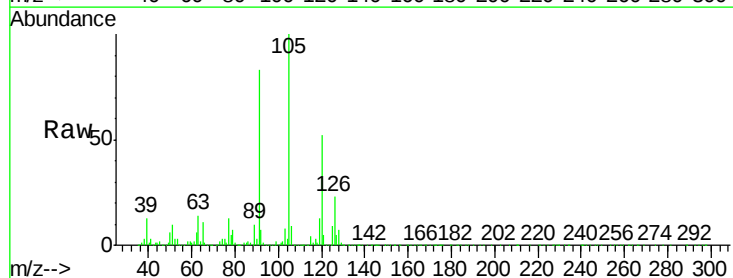
Acq: 04 Mar 2020 15:34

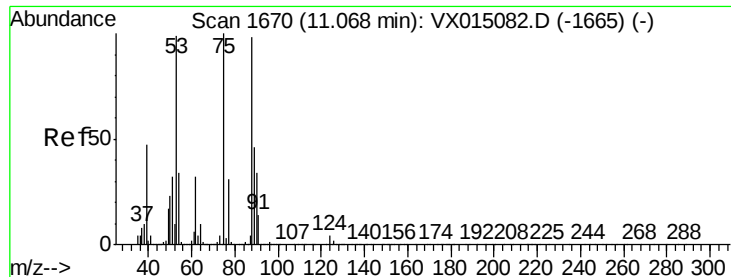
Tgt Ion: 105 Resp: 300435

Ion Ratio Lower Upper

105 100

120 51.1 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.706 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

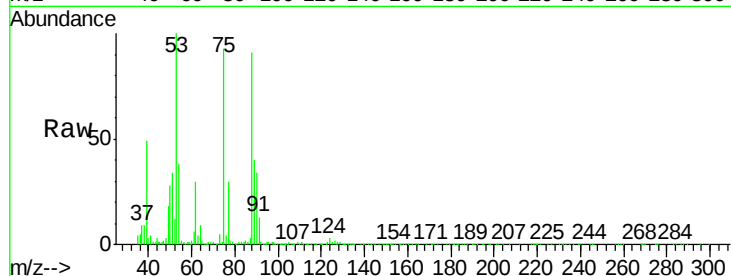
Tgt Ion: 75 Resp: 35773

Ion Ratio Lower Upper

75 100

53 106.1 77.9 116.9

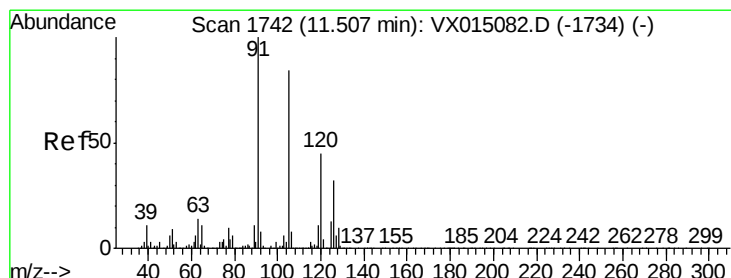
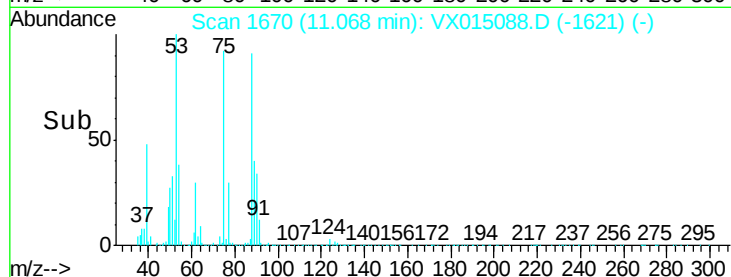
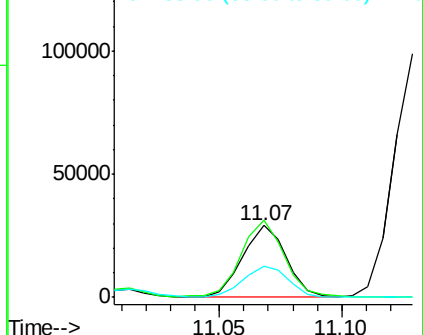
89 46.5 36.2 54.2



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: 20.485 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015088.D

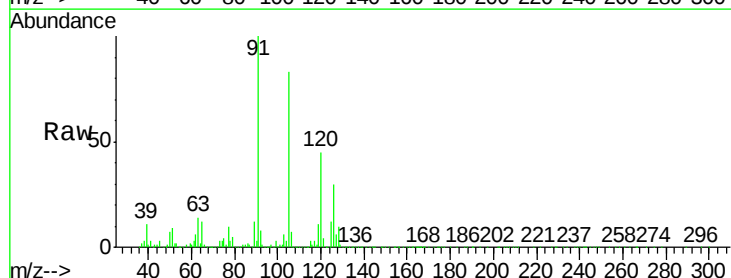
Acq: 04 Mar 2020 15:34

Tgt Ion: 91 Resp: 287005

Ion Ratio Lower Upper

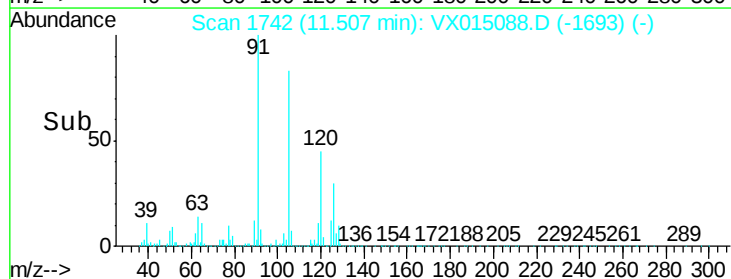
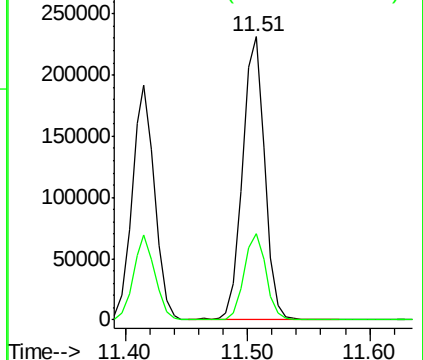
91 100

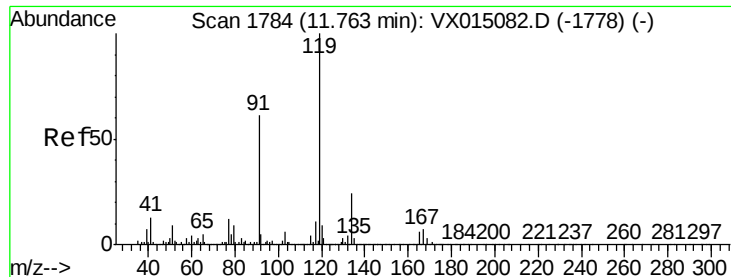
126 30.0 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.552 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

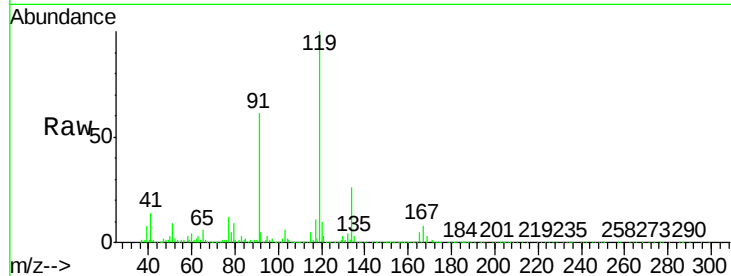
Tgt Ion:119 Resp: 287540

Ion Ratio Lower Upper

119 100

91 57.3 28.5 85.6

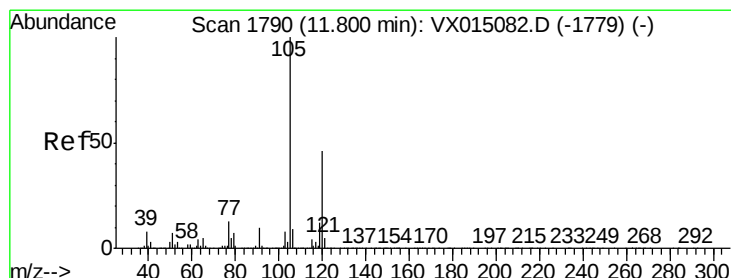
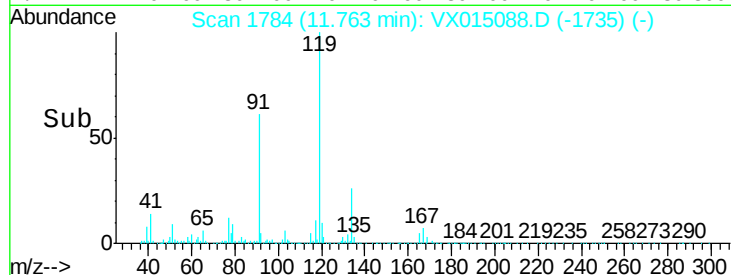
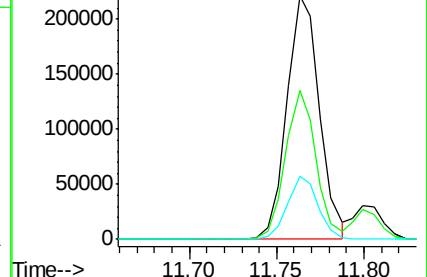
134 24.7 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.172 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX015088.D

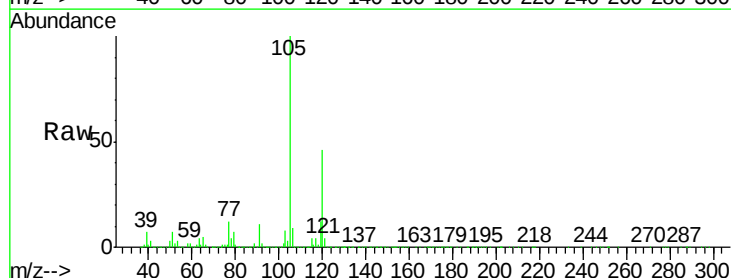
Acq: 04 Mar 2020 15:34

Tgt Ion:105 Resp: 307764

Ion Ratio Lower Upper

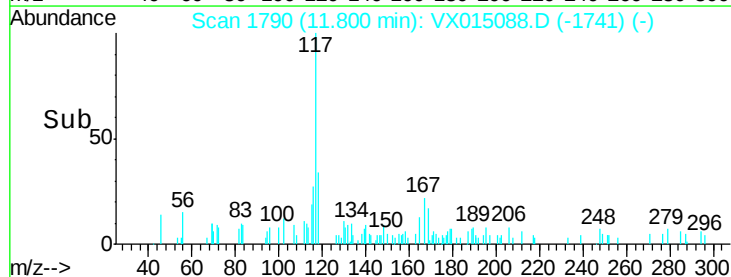
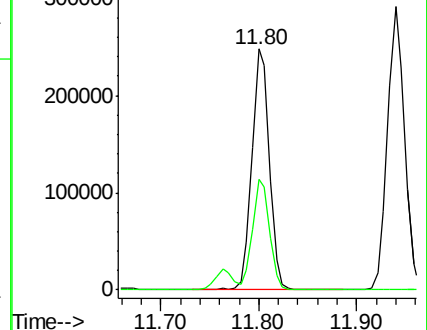
105 100

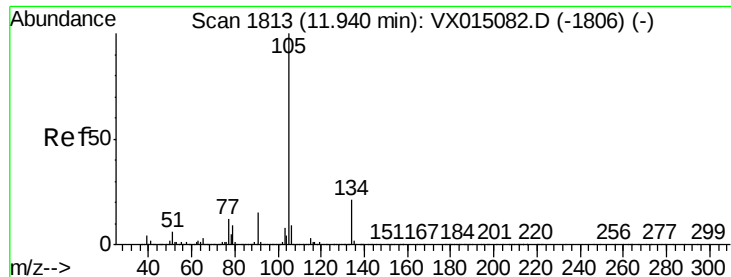
120 44.7 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.937 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Instrument :

MSVOA_X

ClientSampleId :

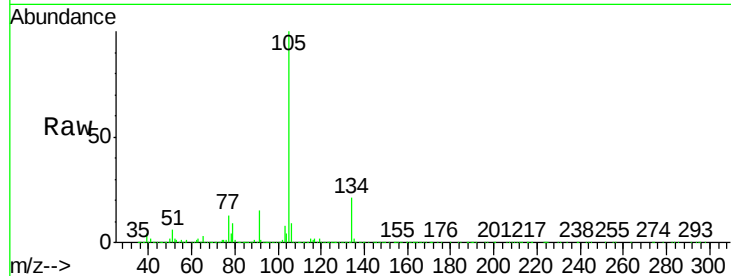
VX0304WBSD01

Tgt Ion:105 Resp: 353609

Ion Ratio Lower Upper

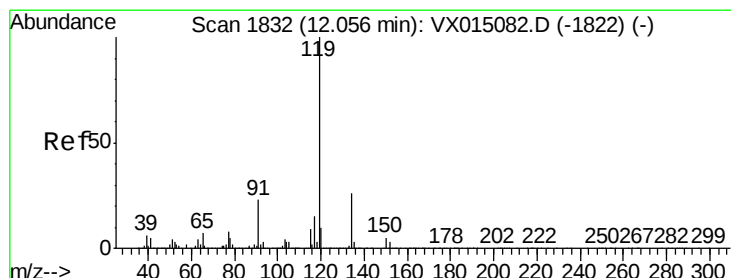
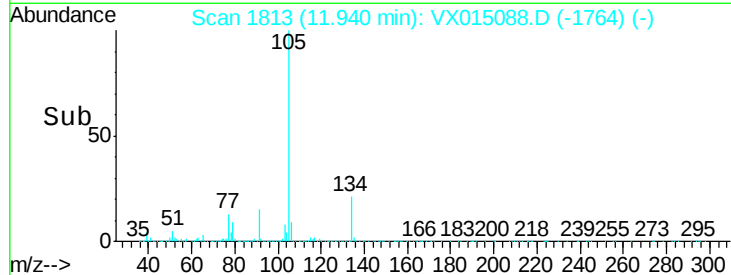
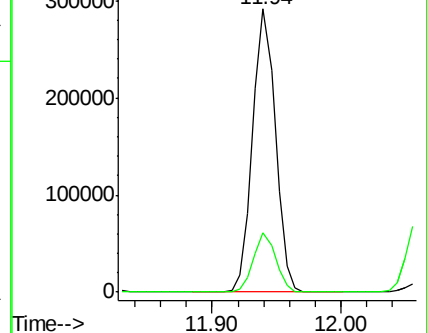
105 100

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: 21.105 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

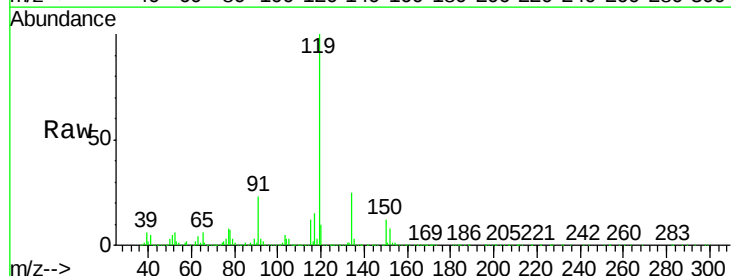
Tgt Ion:119 Resp: 328412

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

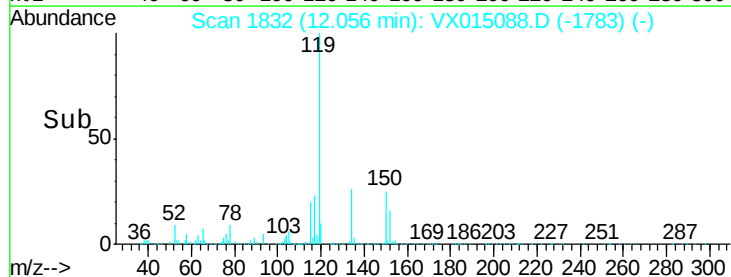
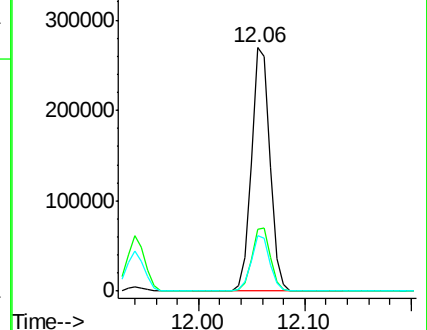
91 22.7 11.3 33.8

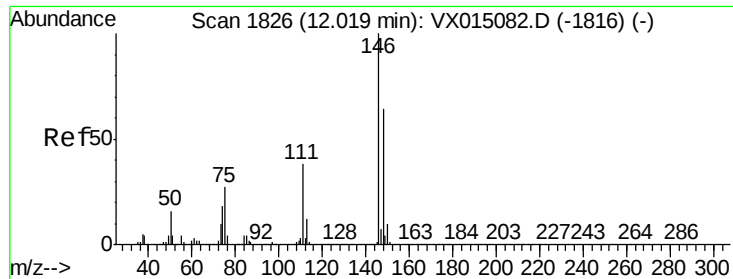


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

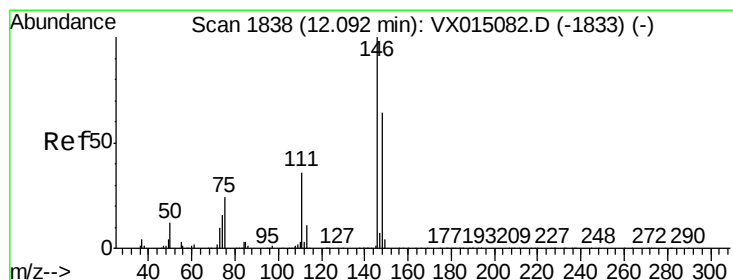
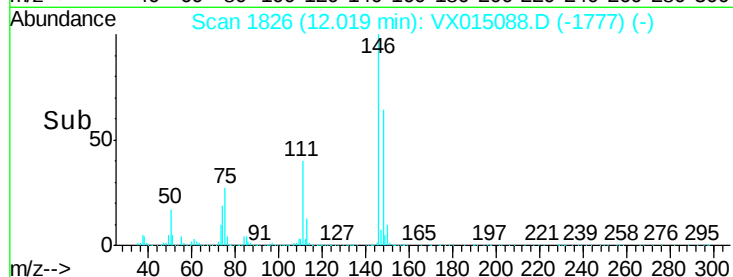
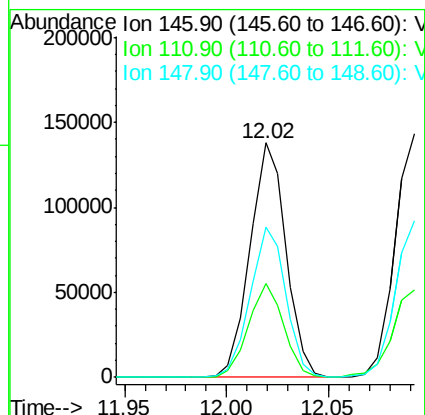
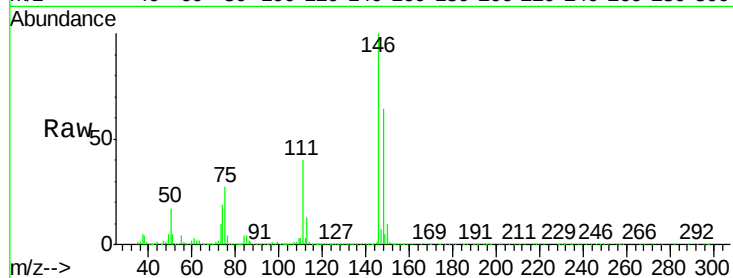




#87
 1,3-Dichlorobenzene
 Concen: 19.907 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

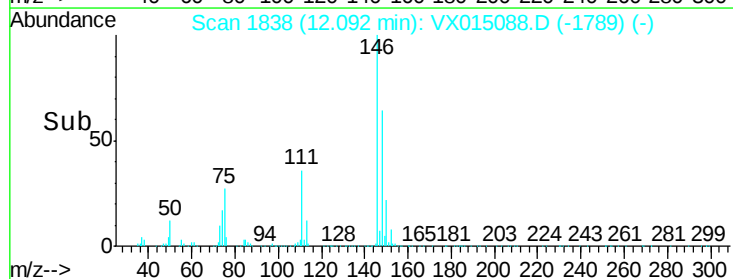
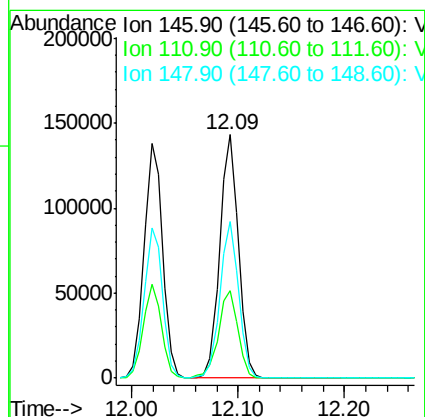
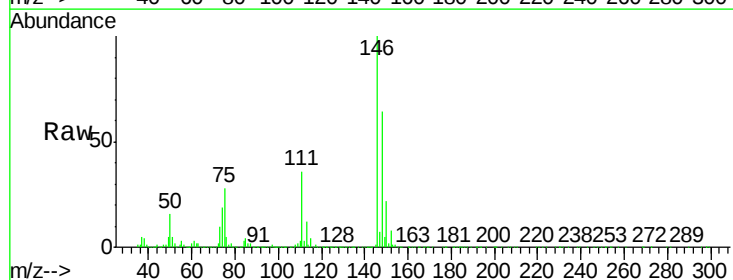
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBSD01

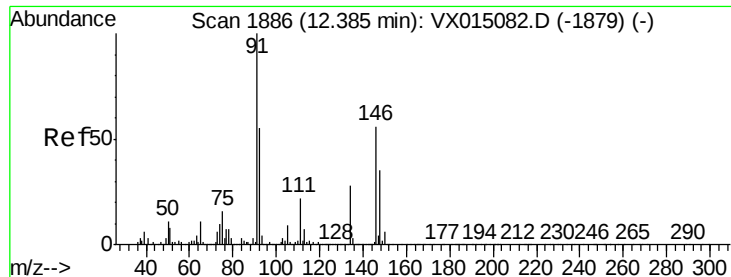
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	63.5	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.797 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.7	56.1
148	64.3	32.5	97.4

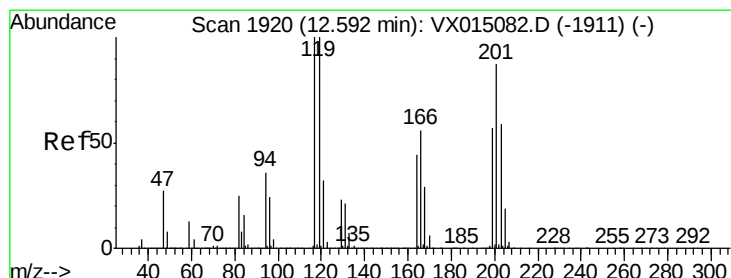
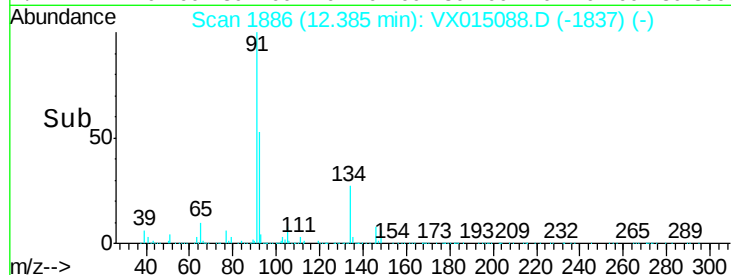
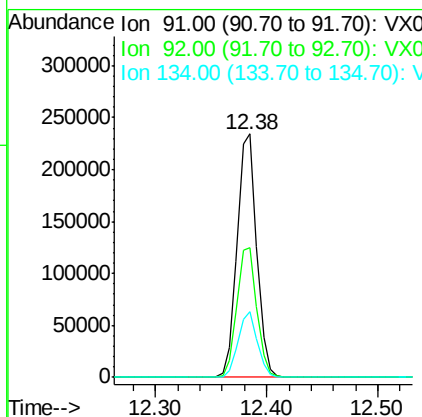
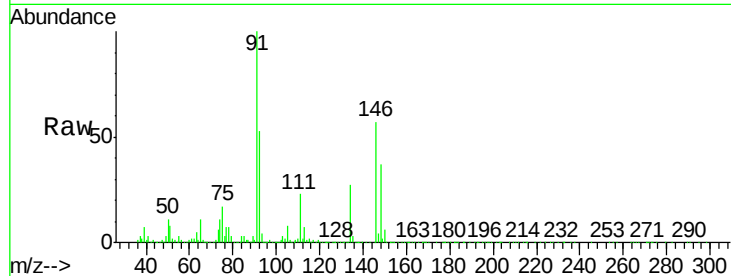




#89
n-Butylbenzene
Concen: 20.674 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

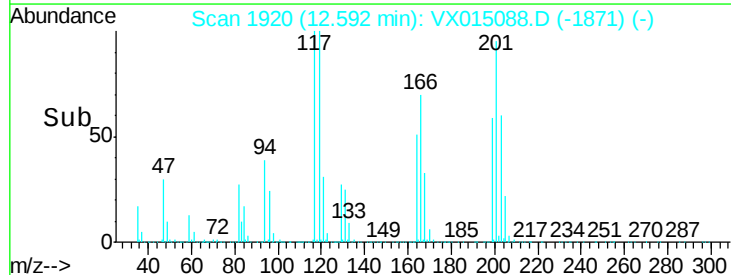
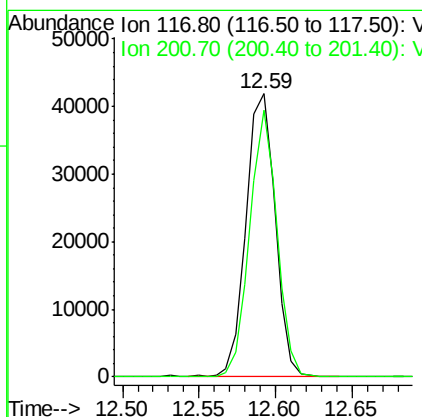
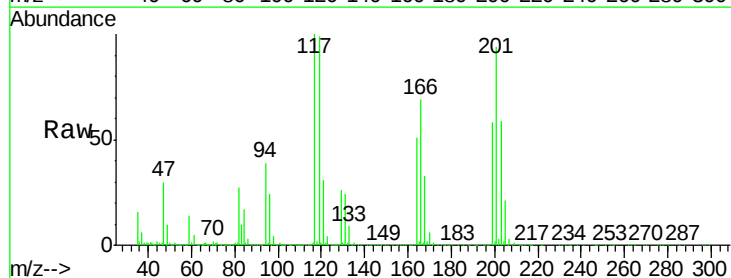
Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

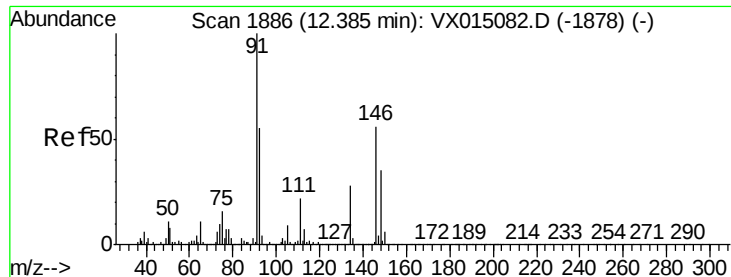
Tgt Ion: 91 Resp: 286121
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 26.3 13.5 40.5



#90
Hexachloroethane
Concen: 18.990 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion: 117 Resp: 55865
Ion Ratio Lower Upper
117 100
201 87.5 43.5 130.7





#91

1,2-Dichlorobenzene

Concen: 19.747 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

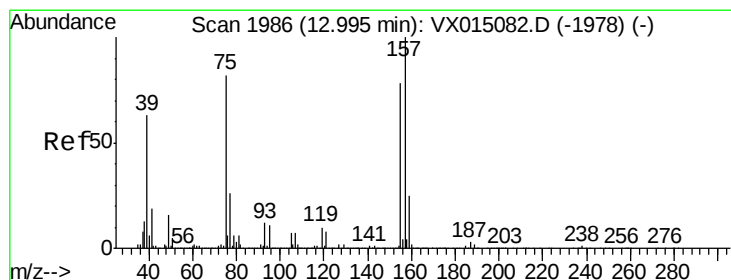
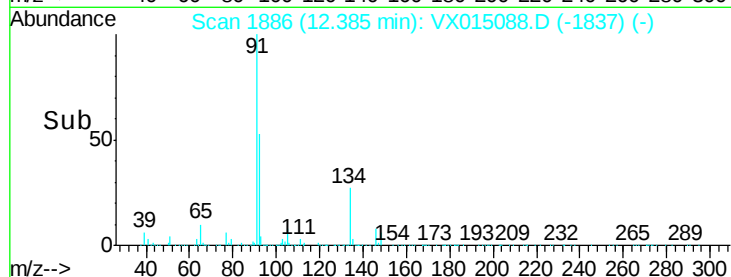
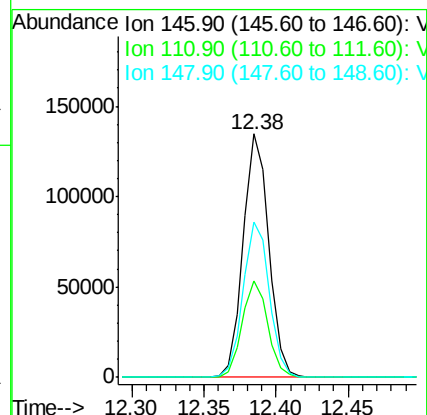
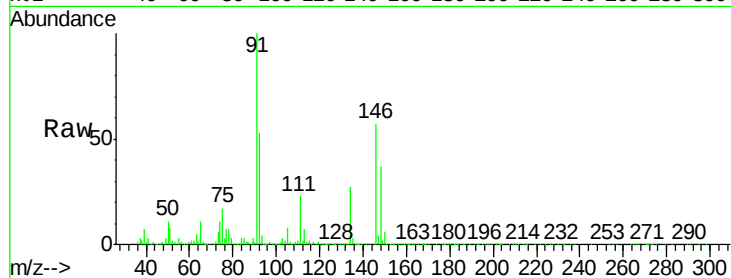
Instrument :

MSVOA_X

ClientSampleId :

VX0304WBSD01

Tgt Ion:	146	Resp:	167185
Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	65.0	32.3	96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.588 ug/l

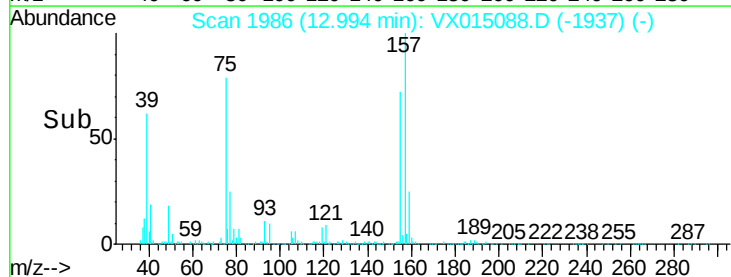
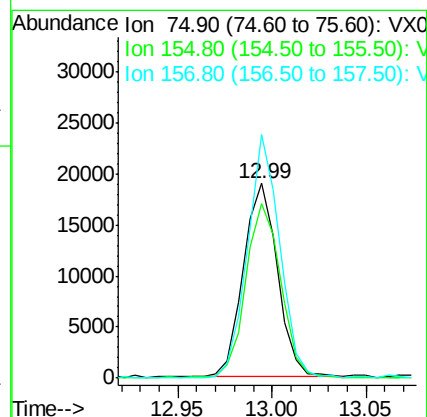
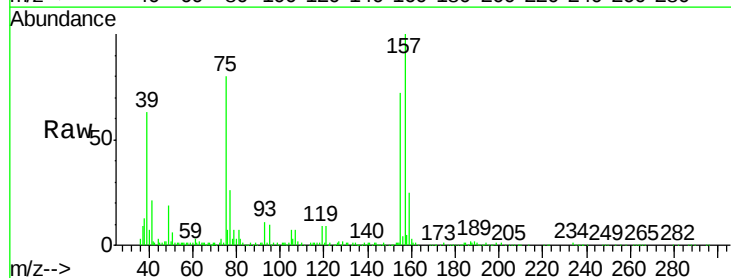
RT: 12.99 min Scan# 1986

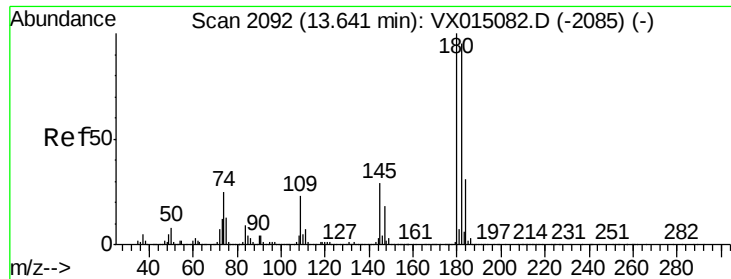
Delta R.T. -0.00 min

Lab File: VX015088.D

Acq: 04 Mar 2020 15:34

Tgt Ion:	75	Resp:	23881
Ion	Ratio	Lower	Upper
75	100		
155	93.4	46.6	139.7
157	118.1	59.2	177.5

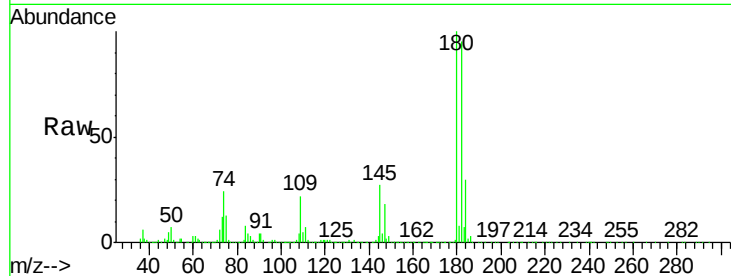




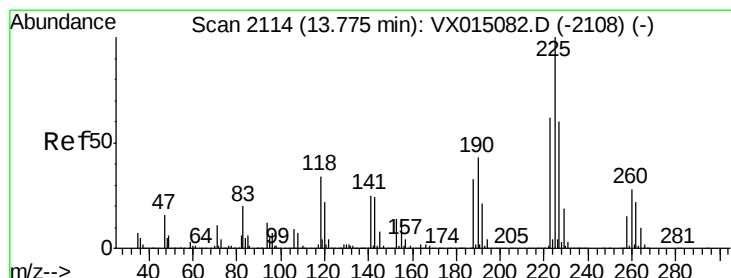
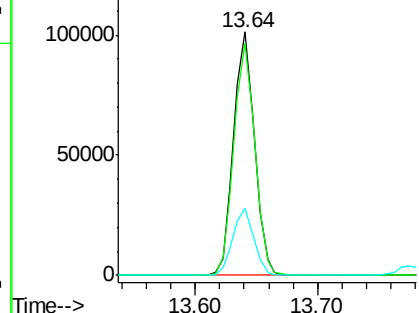
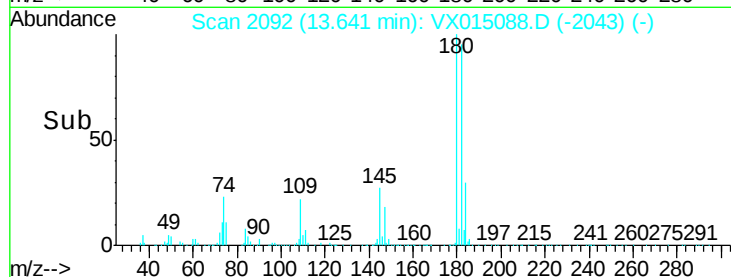
#93
 1,2,4-Trichlorobenzene
 Concen: 20.329 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0304WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	28.0	14.1	42.2

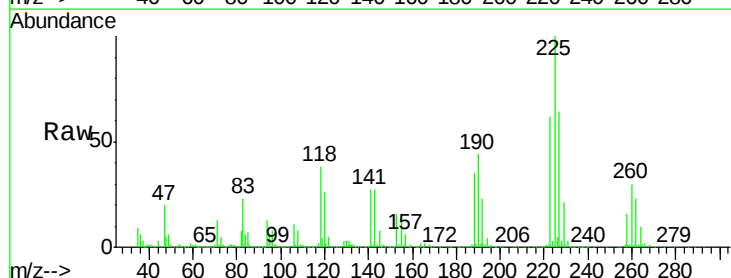


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

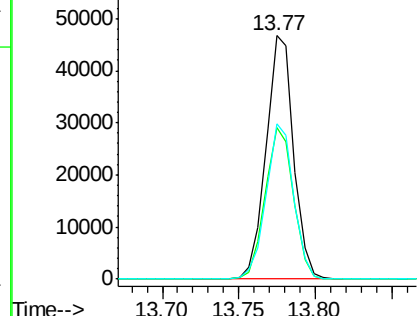
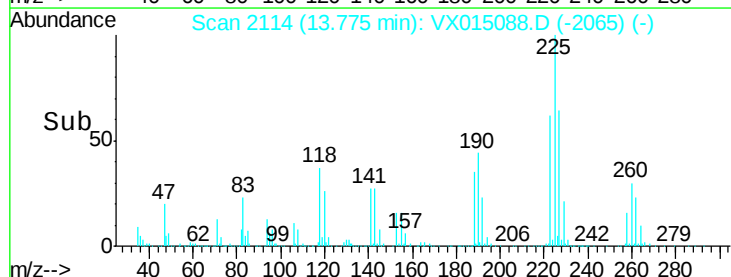


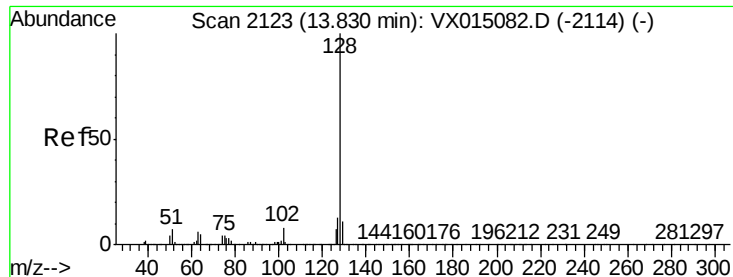
#94
 Hexachlorobutadiene
 Concen: 19.524 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015088.D
 Acq: 04 Mar 2020 15:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.3	93.9
227	64.1	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

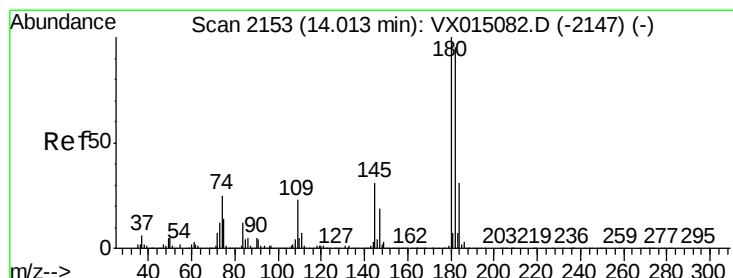
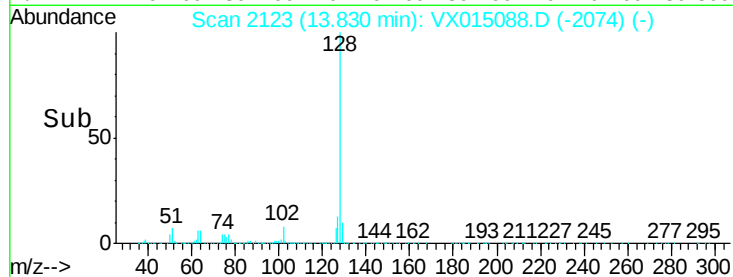
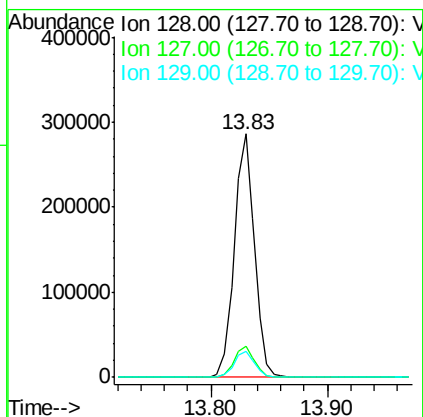
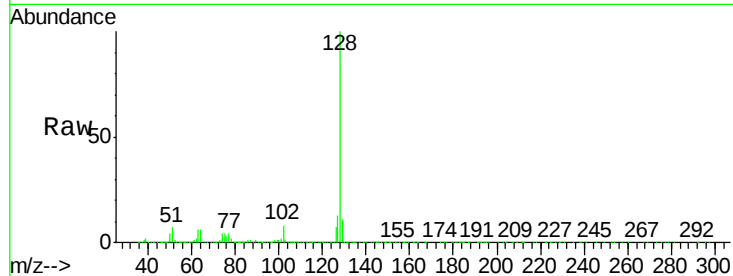




#95
Naphthalene
Concen: 19.904 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBSD01

Tgt Ion:128 Resp: 342640
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.938 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015088.D
Acq: 04 Mar 2020 15:34

Tgt Ion:180 Resp: 122772
Ion Ratio Lower Upper
180 100
182 94.7 47.8 143.4
145 29.6 15.1 45.3

