

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011420\
 Data File : VX014599.D
 Acq On : 14 Jan 2020 11:46
 Operator : JC/SP
 Sample : VX0114WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

Quant Time: Jan 14 23:31:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	469629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	699315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	634300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316133	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	252141	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
35) Dibromofluoromethane	5.48	113	205801	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	8.71	98	799354	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.13	95	283438	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	107634	18.619	ug/l	98
3) Chloromethane	1.32	50	112847	18.851	ug/l	99
4) Vinyl Chloride	1.40	62	126866	19.019	ug/l	98
5) Bromomethane	1.64	94	74831	16.923	ug/l	98
6) Chloroethane	1.72	64	71901	18.981	ug/l	94
7) Trichlorofluoromethane	1.92	101	138892	18.355	ug/l	95
8) Diethyl Ether	2.18	74	64864	18.789	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85231	18.514	ug/l	98
10) Methyl Iodide	2.50	142	105301	19.102	ug/l	99
11) Tert butyl alcohol	3.02	59	106996	97.744	ug/l	98
12) 1,1-Dichloroethene	2.37	96	81799	17.636	ug/l	100
13) Acrolein	2.28	56	56556	64.459	ug/l	98
14) Allyl chloride	2.72	41	147860	18.157	ug/l	97
15) Acrylonitrile	3.12	53	260293	98.522	ug/l	99
16) Acetone	2.43	43	238364	87.970	ug/l	99
17) Carbon Disulfide	2.56	76	213800	16.520	ug/l	99
18) Methyl Acetate	2.76	43	157215	20.864	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	288880	19.401	ug/l	99
20) Methylene Chloride	2.85	84	96375	18.273	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	88409	17.459	ug/l	94
22) Diisopropyl ether	3.84	45	314231	19.967	ug/l	93
23) Vinyl Acetate	3.80	43	1209497	99.269	ug/l	99
24) 1,1-Dichloroethane	3.69	63	163164	19.059	ug/l	99
25) 2-Butanone	4.65	43	359623	91.831	ug/l	99
26) 2,2-Dichloropropane	4.58	77	127812	17.624	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	104602	18.479	ug/l	99
28) Bromochloromethane	5.00	49	69855	19.365	ug/l	95
29) Tetrahydrofuran	5.11	42	237358	102.514	ug/l	97
30) Chloroform	5.20	83	161716	19.331	ug/l	98
31) Cyclohexane	5.57	56	149002	18.594	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	130950	18.287	ug/l	99
36) 1,1-Dichloropropene	5.79	75	119830	18.221	ug/l	100
37) Ethyl Acetate	4.81	43	137956	19.312	ug/l	98
38) Carbon Tetrachloride	5.78	117	112621	18.609	ug/l	94

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	150931	18.268	ug/l	97
40) Benzene	6.13	78	368696	18.889	ug/l	97
41) Methacrylonitrile	5.02	41	77912	20.453	ug/l	97
42) 1,2-Dichloroethane	6.18	62	130650	19.144	ug/l	100
43) Isopropyl Acetate	6.43	43	224120	19.422	ug/l	98
44) Trichloroethene	7.20	130	103481	18.448	ug/l	99
45) 1,2-Dichloropropane	7.50	63	95601	19.211	ug/l	100
46) Dibromomethane	7.65	93	65738	18.927	ug/l	95
47) Bromodichloromethane	7.89	83	121271	19.189	ug/l	99
48) Methyl methacrylate	7.76	41	108331	19.601	ug/l	99
49) 1,4-Dioxane	7.73	88	47458	405.249	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	713742	101.501	ug/l	98
52) Toluene	8.78	92	235897	18.880	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	132877	18.059	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148928	18.737	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	98617	19.650	ug/l	99
56) Ethyl methacrylate	9.17	69	145413	18.912	ug/l	96
57) 1,3-Dichloropropane	9.36	76	166211	19.808	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	253865	97.043	ug/l	100
59) 2-Hexanone	9.48	43	538254	96.740	ug/l	98
60) Dibromochloromethane	9.57	129	96723	19.175	ug/l	100
61) 1,2-Dibromoethane	9.67	107	100386	18.883	ug/l	100
64) Tetrachloroethene	9.33	164	109919	17.291	ug/l	97
65) Chlorobenzene	10.13	112	257206	18.685	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	92038	18.736	ug/l	98
67) Ethyl Benzene	10.25	91	443350	18.896	ug/l	99
68) m/p-Xylenes	10.35	106	335139	37.025	ug/l	97
69) o-Xylene	10.70	106	161844	18.740	ug/l	98
70) Styrene	10.71	104	277035	18.588	ug/l	99
71) Bromoform	10.85	173	72829	18.120	ug/l #	98
73) Isopropylbenzene	11.01	105	433011	19.506	ug/l	100
74) N-amyl acetate	10.89	43	186857	19.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	144829	20.343	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	163548	25.004	ug/l	83
77) Bromobenzene	11.25	156	114914	18.666	ug/l	99
78) n-propylbenzene	11.35	91	494911	19.466	ug/l	99
79) 2-Chlorotoluene	11.42	91	294581	19.441	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	360997	19.587	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44130	17.837	ug/l	90
82) 4-Chlorotoluene	11.50	91	338257	19.018	ug/l	98
83) tert-Butylbenzene	11.76	119	344112	19.760	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	362739	19.477	ug/l	100
85) sec-Butylbenzene	11.94	105	421451	19.468	ug/l	100
86) p-Isopropyltoluene	12.06	119	387656	19.297	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199200	18.030	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	203027	19.198	ug/l	99
89) n-Butylbenzene	12.38	91	331250	18.034	ug/l	99
90) Hexachloroethane	12.59	117	65646	18.603	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	202412	18.699	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28565	17.838	ug/l	98

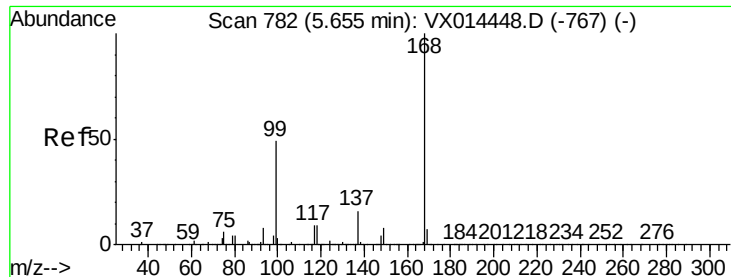
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011420\
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QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134925	17.687	ug/l	98
94) Hexachlorobutadiene	13.77	225	69663	19.615	ug/l	99
95) Naphthalene	13.83	128	402892	17.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	137146	18.222	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

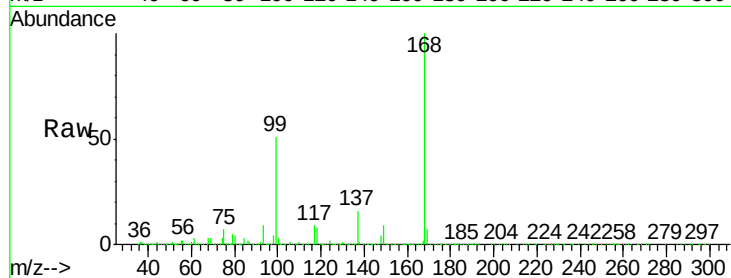
VX0114WBSD01

Tgt Ion:168 Resp: 469629

Ion Ratio Lower Upper

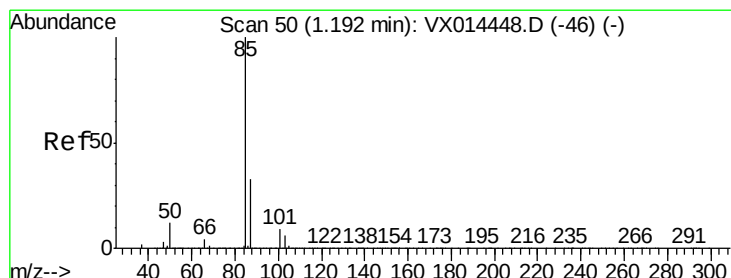
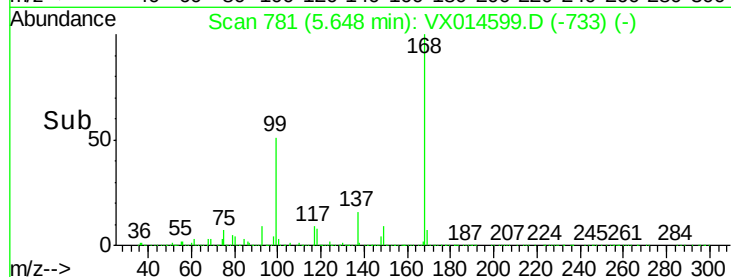
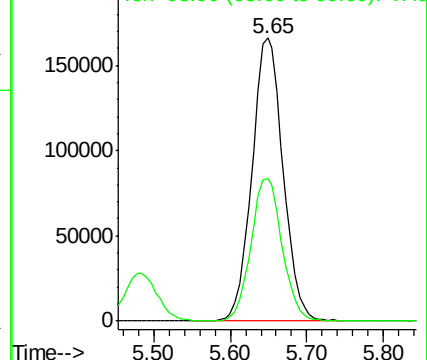
168 100

99 50.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.619 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014599.D

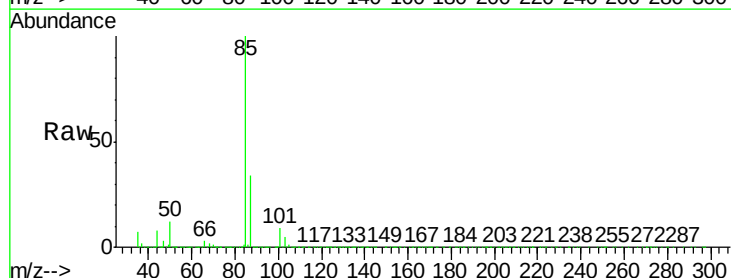
Acq: 14 Jan 2020 11:46

Tgt Ion: 85 Resp: 107634

Ion Ratio Lower Upper

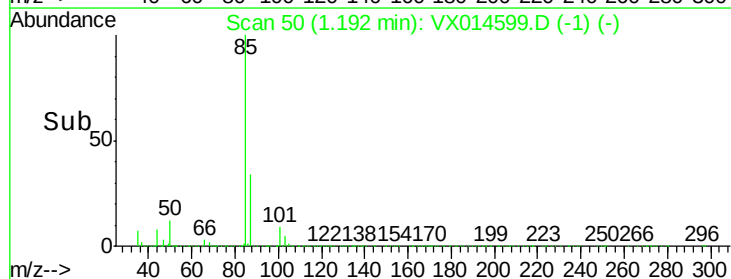
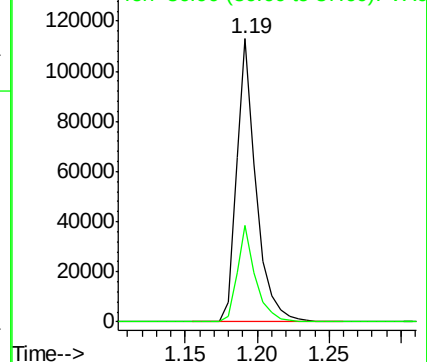
85 100

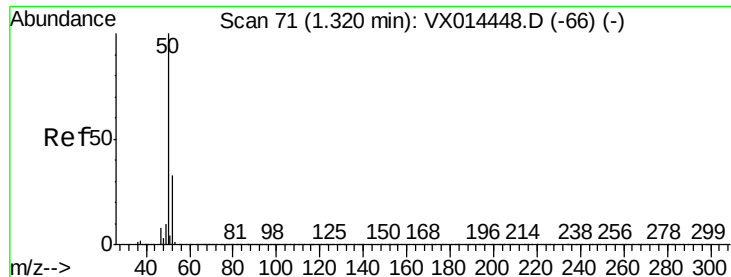
87 33.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.851 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

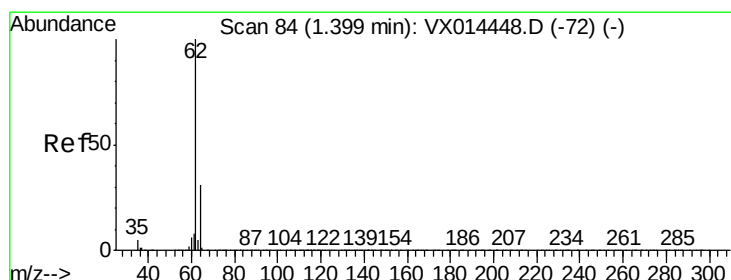
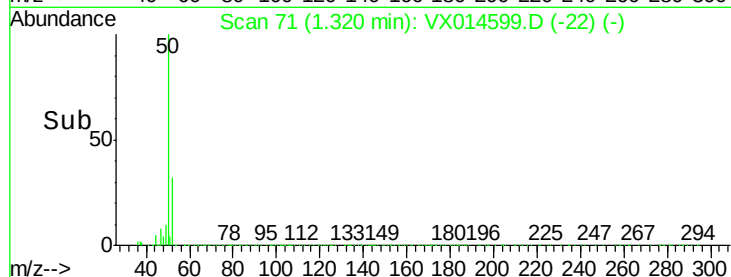
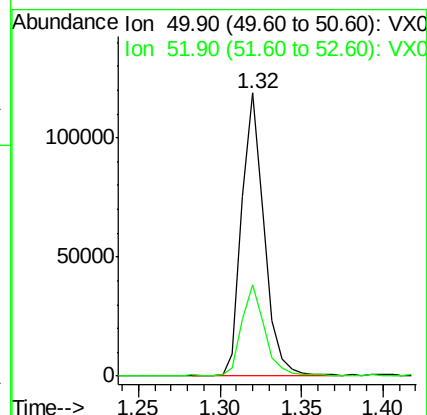
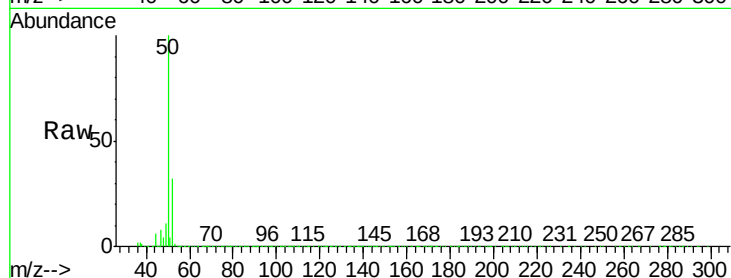
VX0114WBSD01

Tgt Ion: 50 Resp: 112847

Ion Ratio Lower Upper

50 100

52 32.2 26.1 39.1



#4

Vinyl Chloride

Concen: 19.019 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014599.D

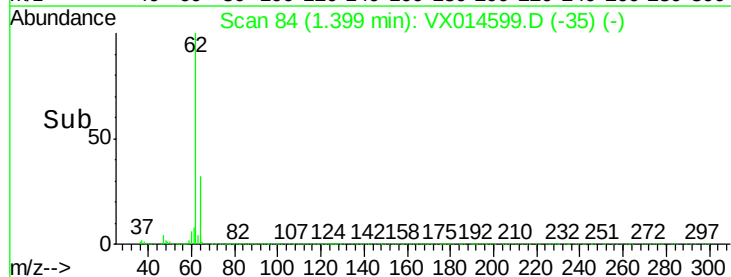
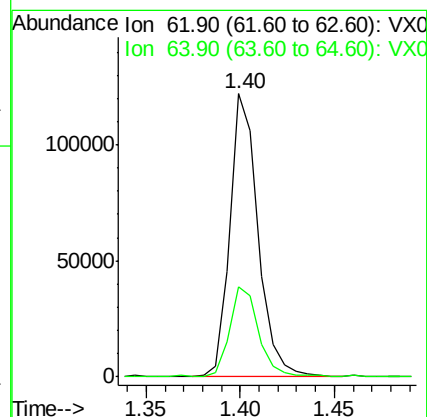
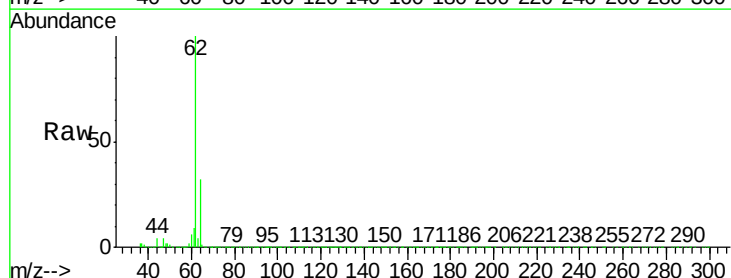
Acq: 14 Jan 2020 11:46

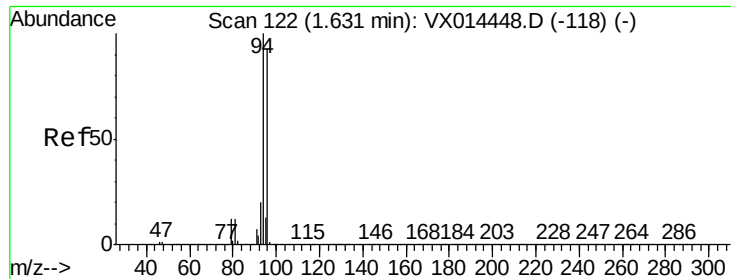
Tgt Ion: 62 Resp: 126866

Ion Ratio Lower Upper

62 100

64 31.8 24.6 37.0





#5

Bromomethane

Concen: 16.923 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

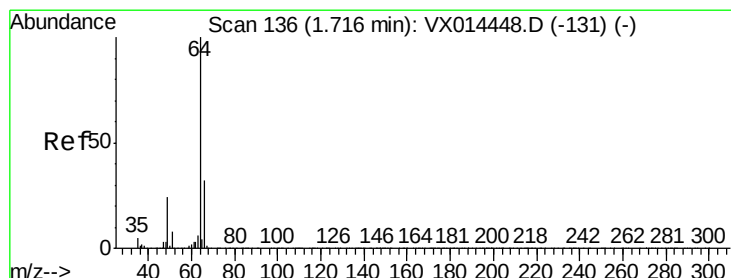
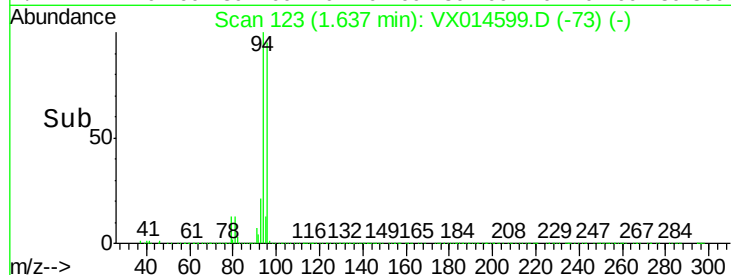
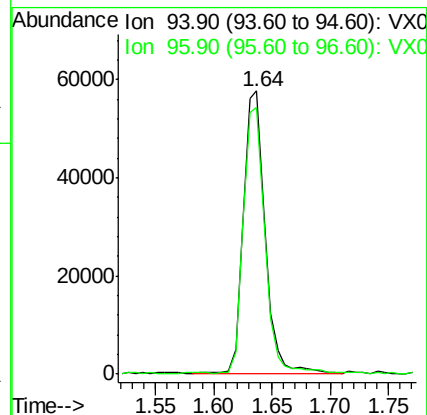
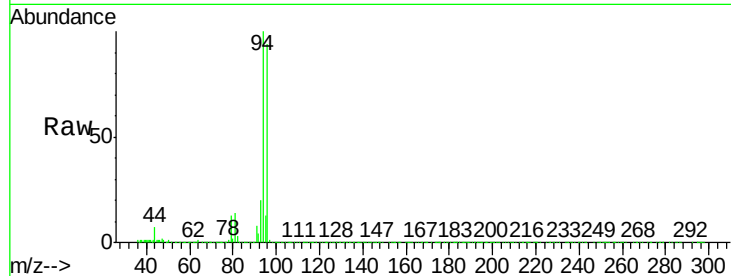
VX0114WBSD01

Tgt Ion: 94 Resp: 74831

Ion Ratio Lower Upper

94 100

96 94.2 74.2 111.2



#6

Chloroethane

Concen: 18.981 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014599.D

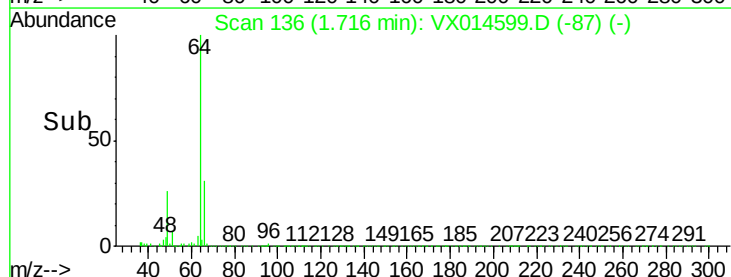
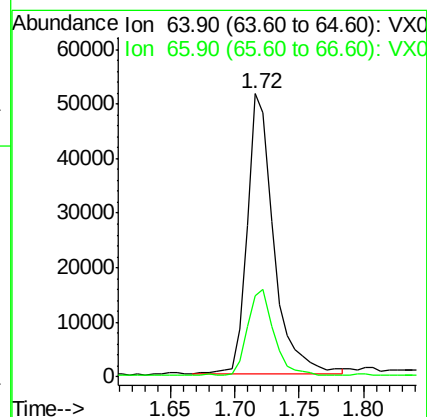
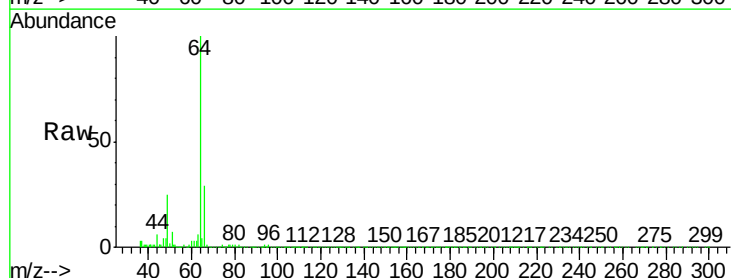
Acq: 14 Jan 2020 11:46

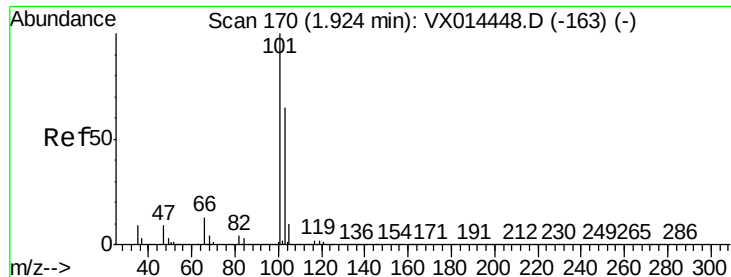
Tgt Ion: 64 Resp: 71901

Ion Ratio Lower Upper

64 100

66 28.4 25.3 37.9



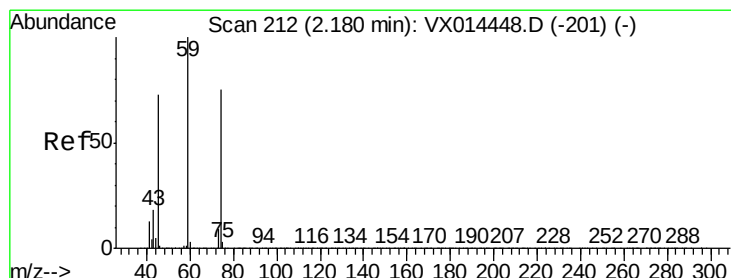
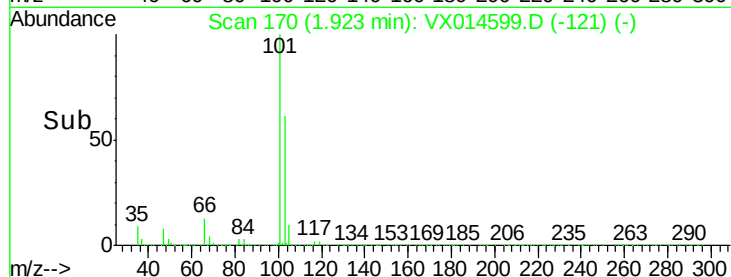
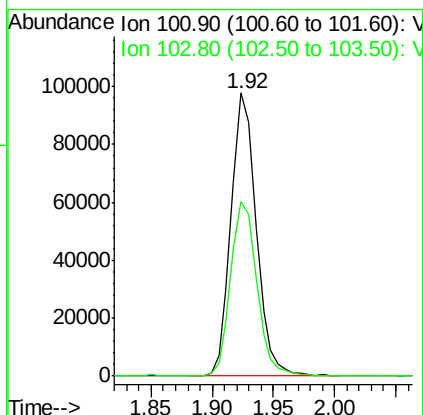
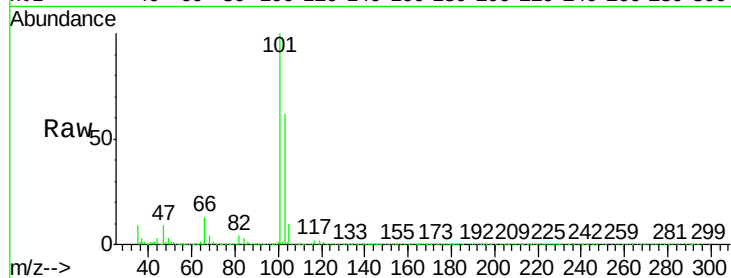


#7

Trichlorofluoromethane
Concen: 18.355 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

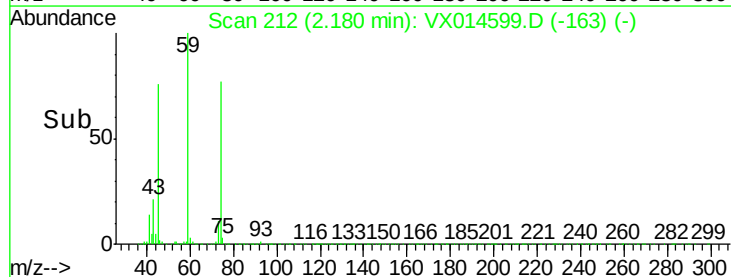
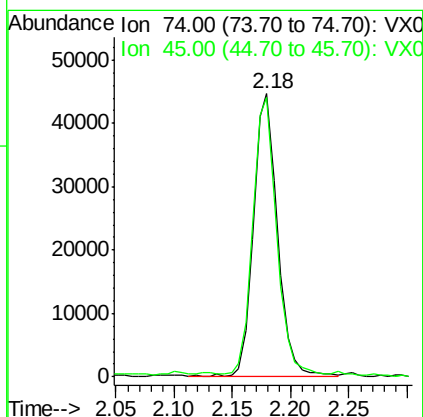
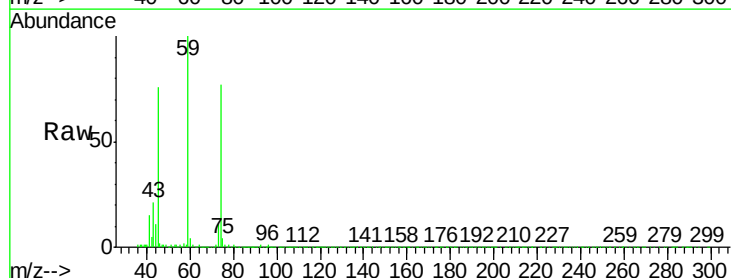
Tgt Ion:101 Resp: 138892
Ion Ratio Lower Upper
101 100
103 61.5 52.2 78.4

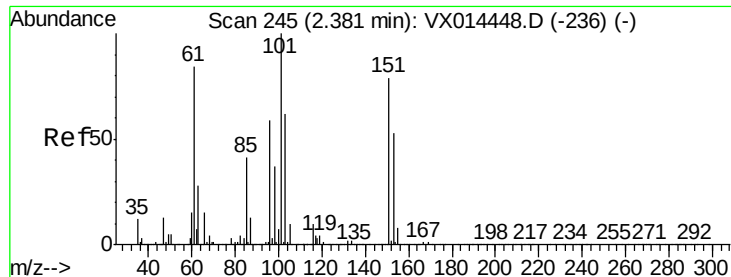


#8

Diethyl Ether
Concen: 18.789 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion: 74 Resp: 64864
Ion Ratio Lower Upper
74 100
45 95.5 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.514 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

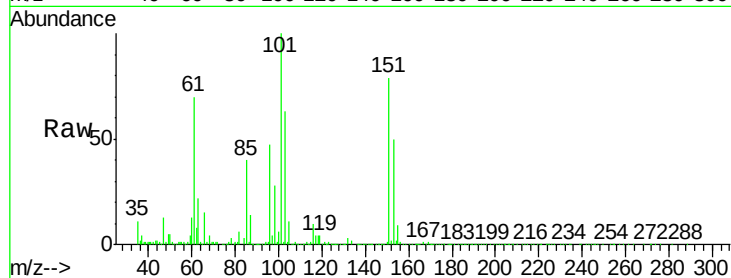
Tgt Ion:101 Resp: 85231

Ion Ratio Lower Upper

101 100

85 43.3 33.8 50.8

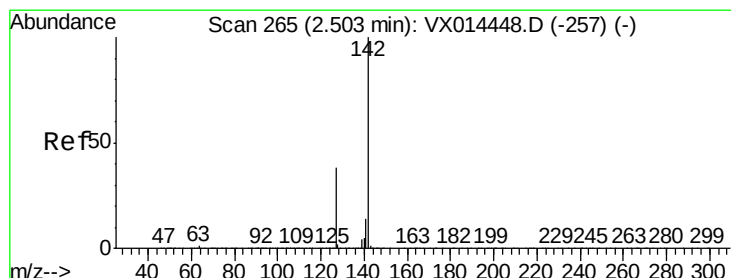
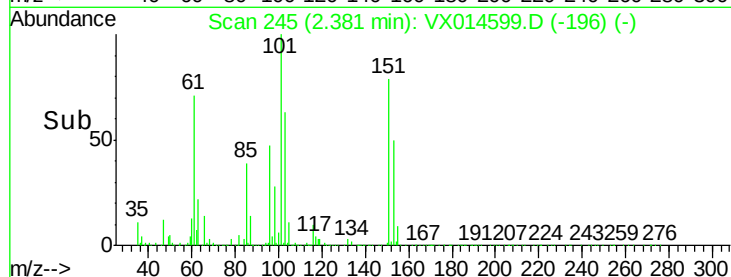
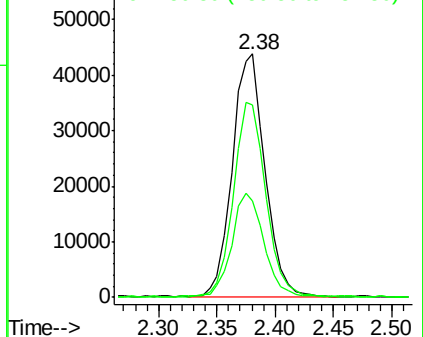
151 79.6 65.3 97.9



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: 19.102 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

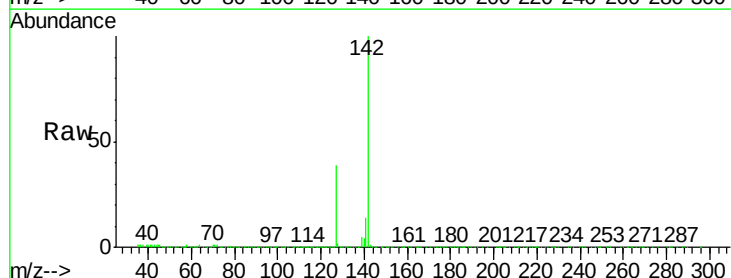
Tgt Ion:142 Resp: 105301

Ion Ratio Lower Upper

142 100

127 39.8 31.2 46.8

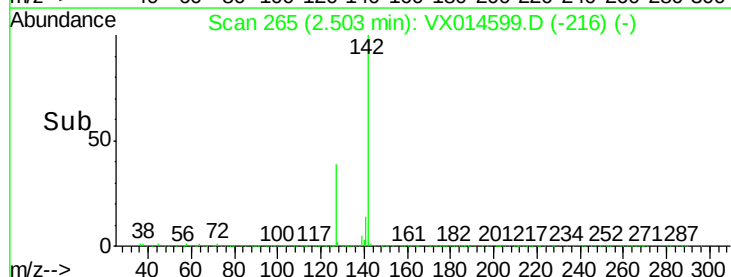
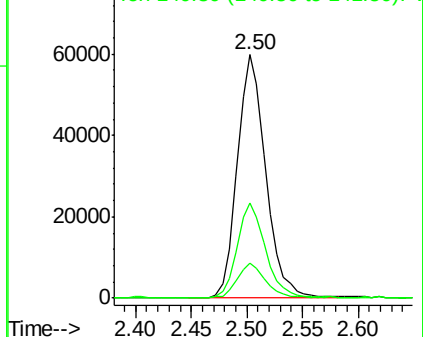
141 14.7 11.4 17.2

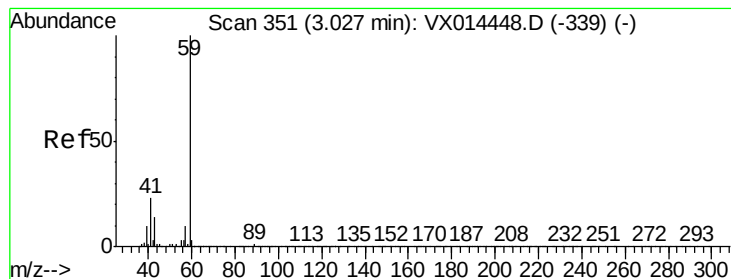


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



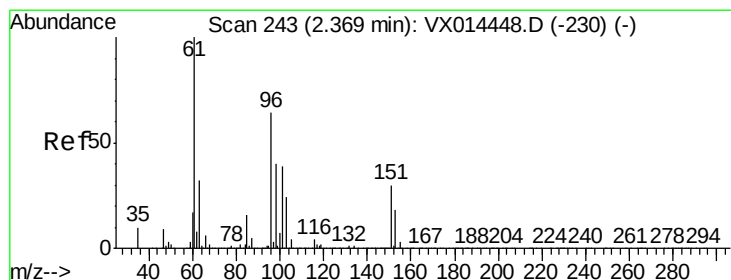
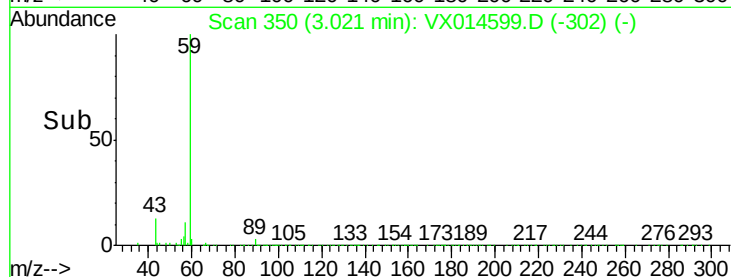
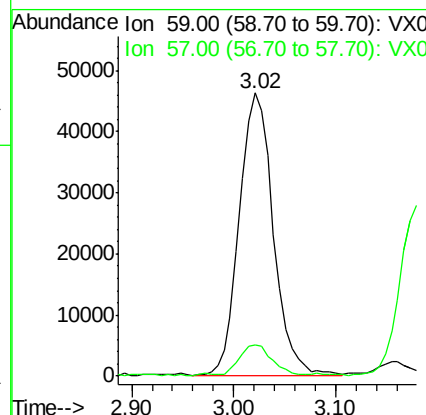
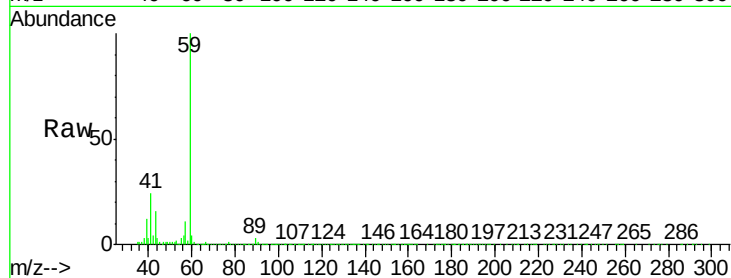


#11

Tert butyl alcohol
Concen: 97.744 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

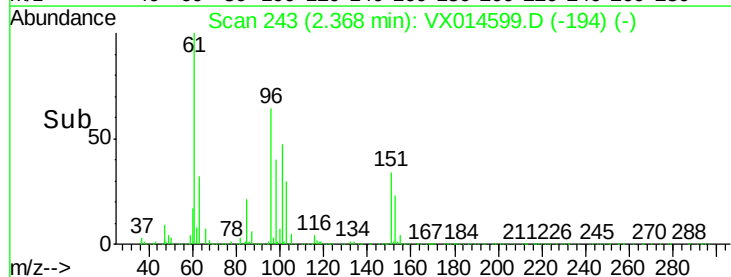
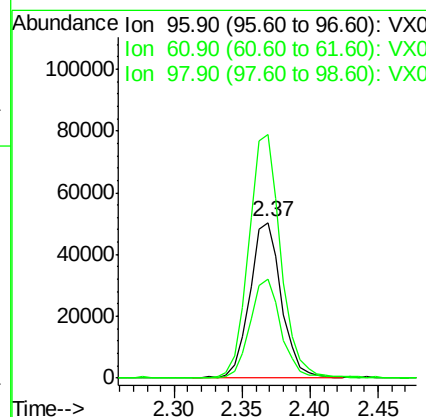
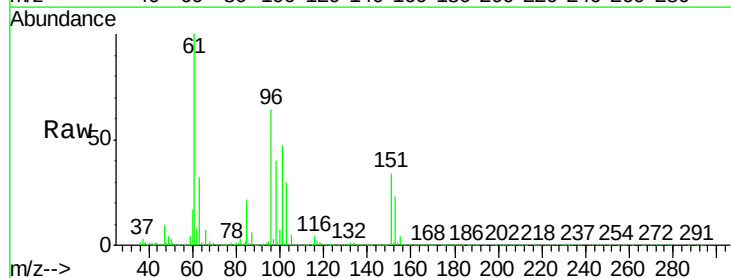
Tgt Ion: 59 Resp: 106996
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7

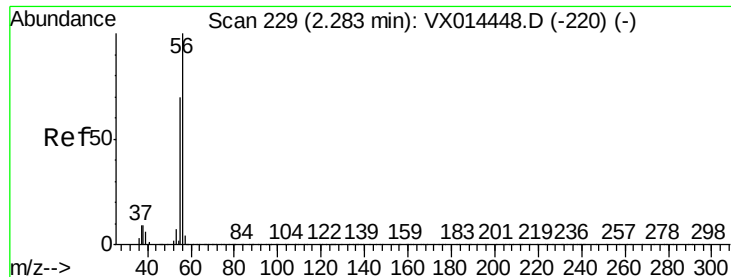


#12

1,1-Dichloroethene
Concen: 17.636 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion: 96 Resp: 81799
Ion Ratio Lower Upper
96 100
61 156.5 125.0 187.6
98 62.9 50.2 75.2





#13

Acrolein

Concen: 64.459 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

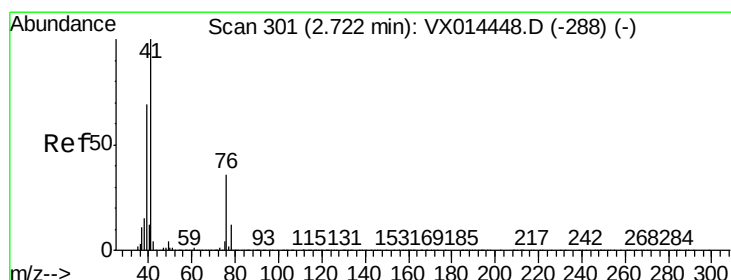
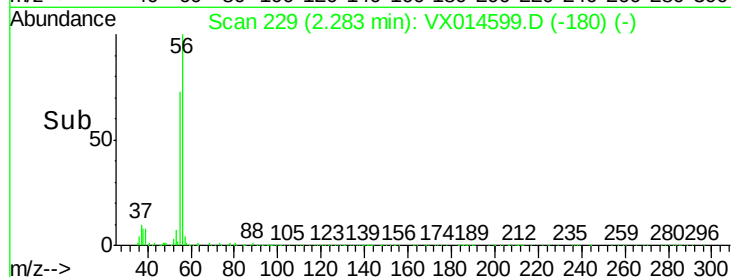
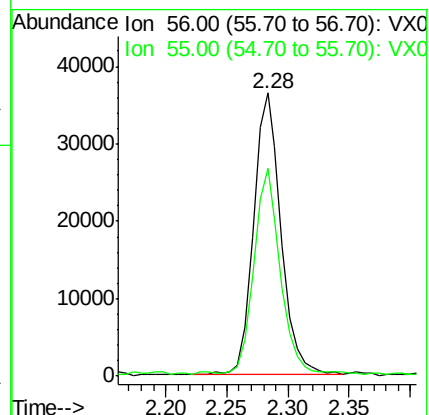
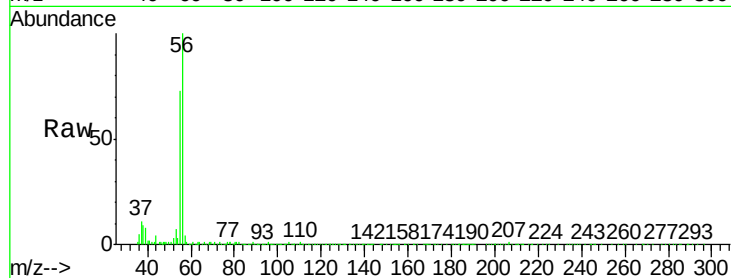
VX0114WBSD01

Tgt Ion: 56 Resp: 56556

Ion Ratio Lower Upper

56 100

55 70.8 55.0 82.6



#14

Allyl chloride

Concen: 18.157 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

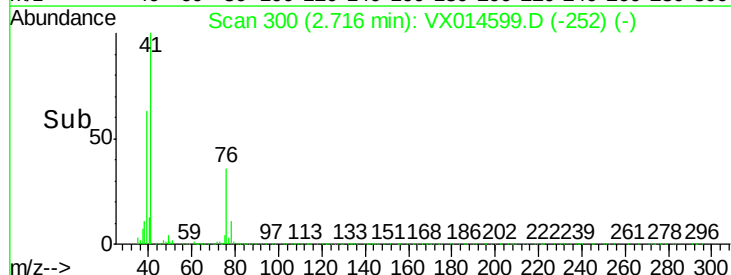
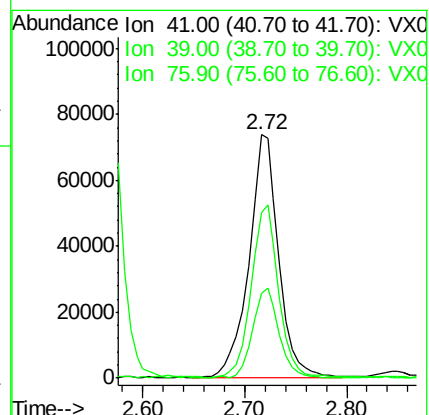
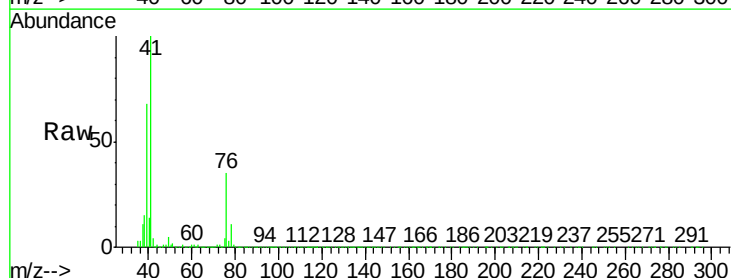
Tgt Ion: 41 Resp: 147860

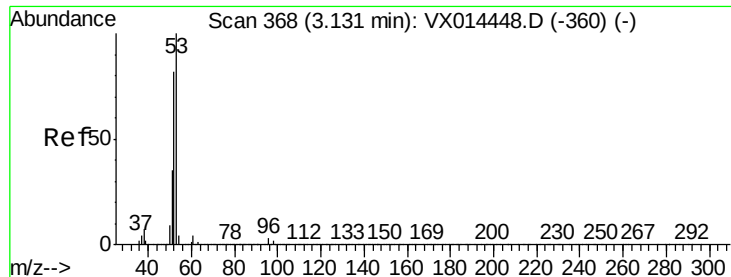
Ion Ratio Lower Upper

41 100

39 67.1 51.7 77.5

76 32.7 26.8 40.2





#15

Acrylonitrile

Concen: 98.522 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

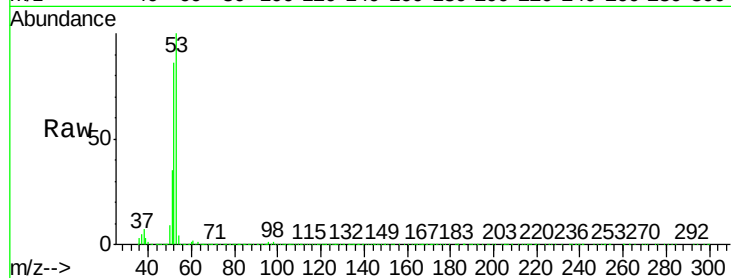
Tgt Ion: 53 Resp: 260293

Ion Ratio Lower Upper

53 100

52 82.4 67.0 100.4

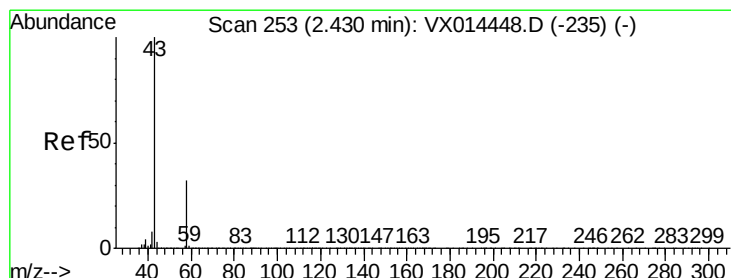
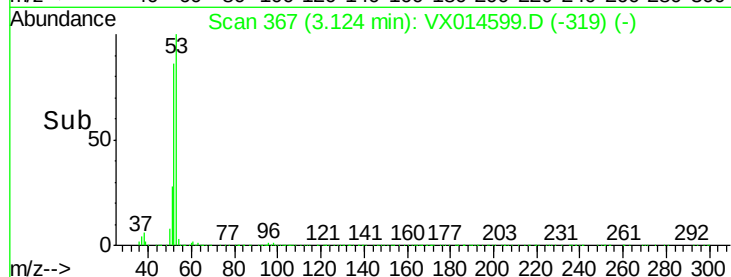
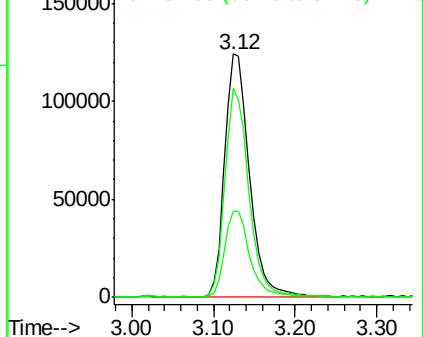
51 36.1 28.5 42.7



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: 87.970 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014599.D

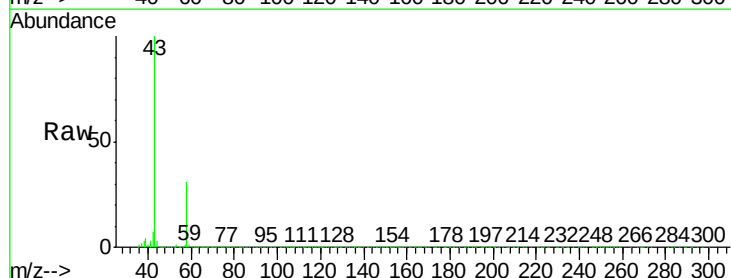
Acq: 14 Jan 2020 11:46

Tgt Ion: 43 Resp: 238364

Ion Ratio Lower Upper

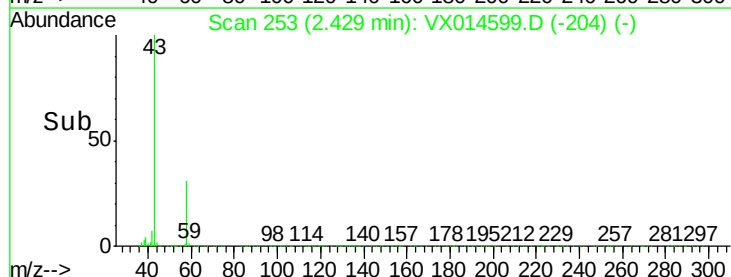
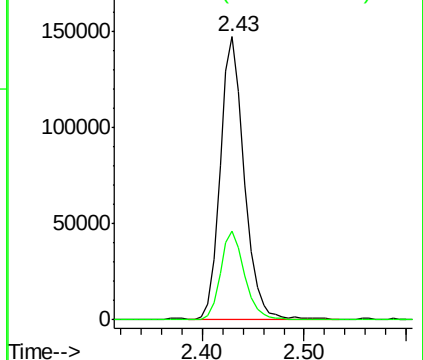
43 100

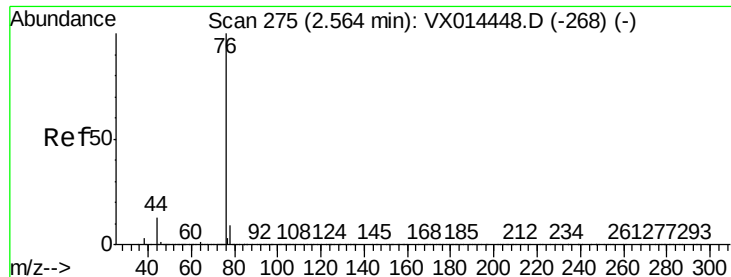
58 31.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.520 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

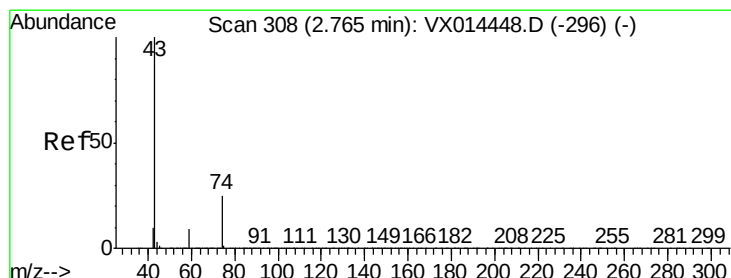
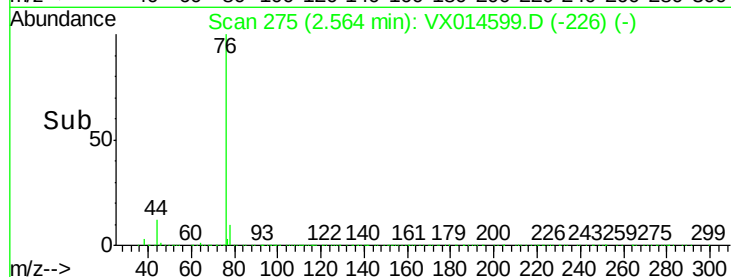
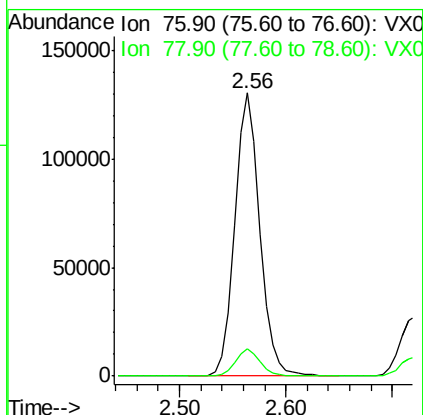
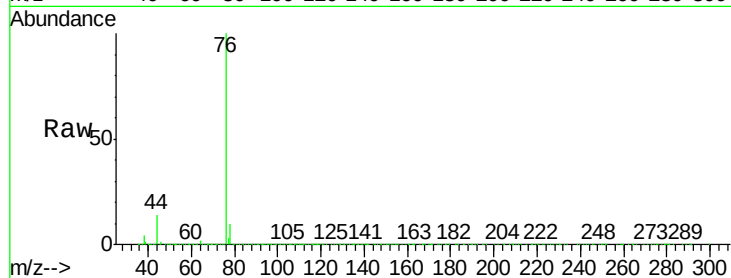
VX0114WBSD01

Tgt Ion: 76 Resp: 213800

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2



#18

Methyl Acetate

Concen: 20.864 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014599.D

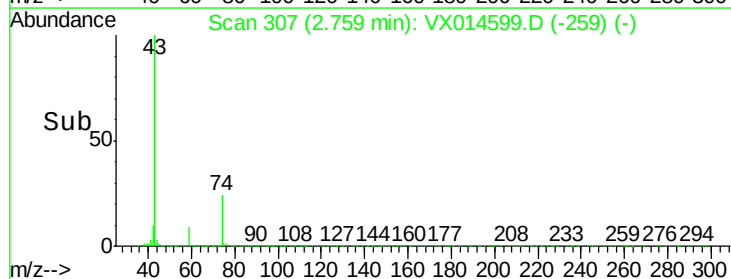
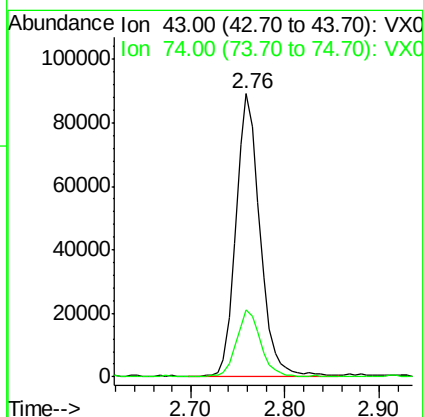
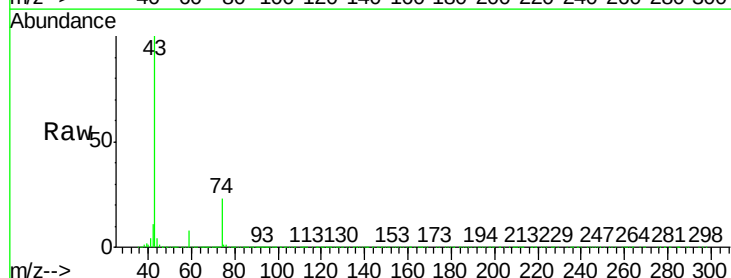
Acq: 14 Jan 2020 11:46

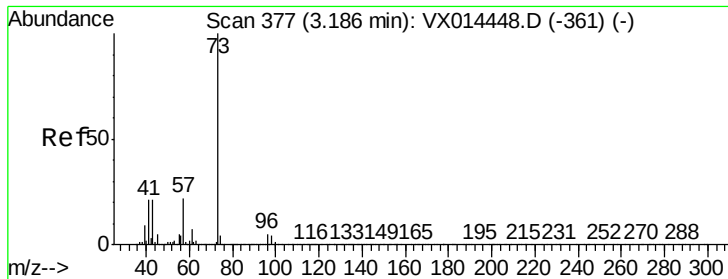
Tgt Ion: 43 Resp: 157215

Ion Ratio Lower Upper

43 100

74 24.0 19.4 29.2



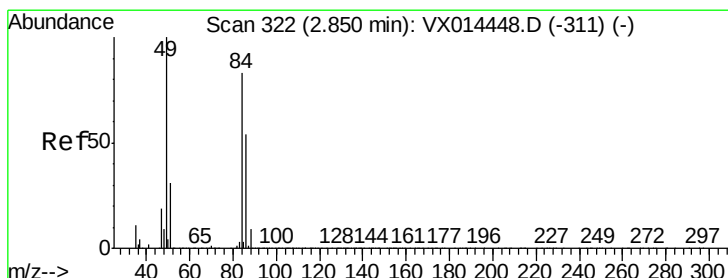
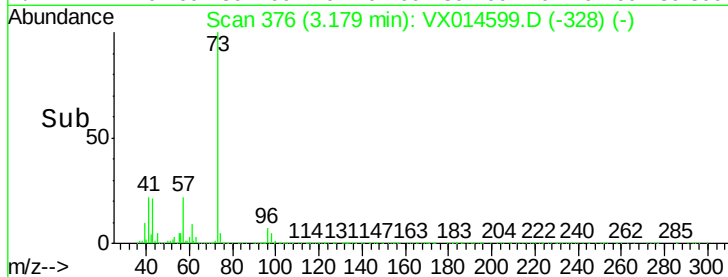
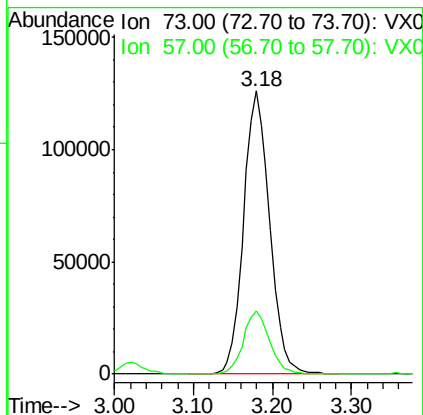
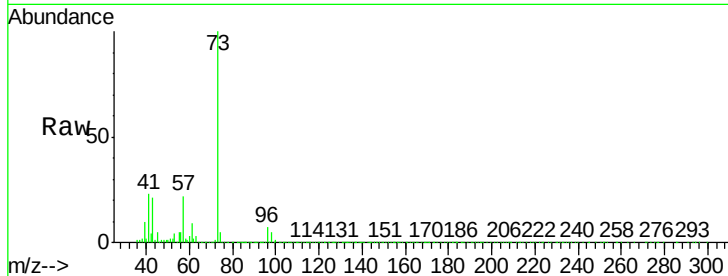


#19

Methyl tert-butyl Ether
 Concen: 19.401 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

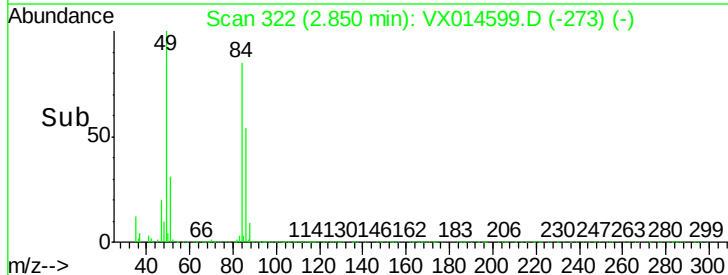
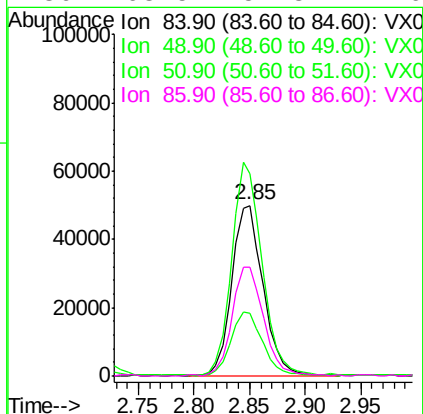
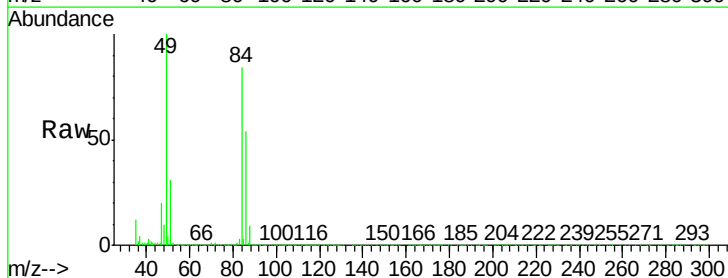
Tgt Ion: 73 Resp: 288880
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.8

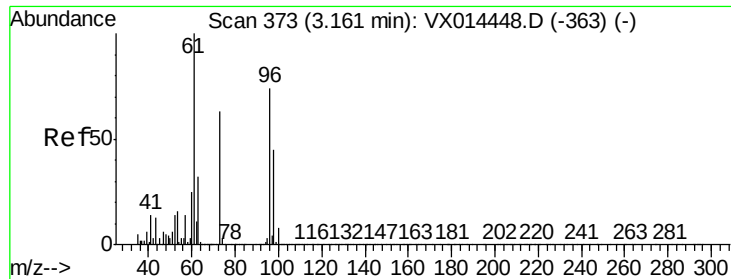


#20

Methylene Chloride
 Concen: 18.273 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion: 84 Resp: 96375
 Ion Ratio Lower Upper
 84 100
 49 118.1 95.8 143.8
 51 36.1 30.2 45.4
 86 63.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.459 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

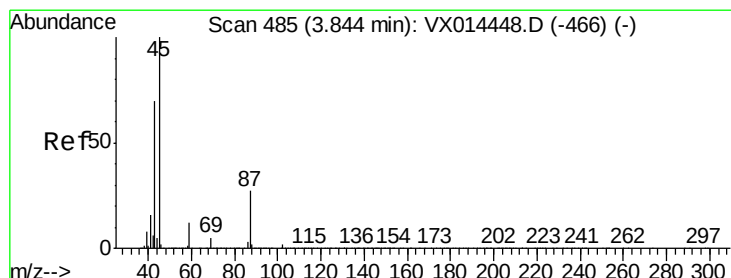
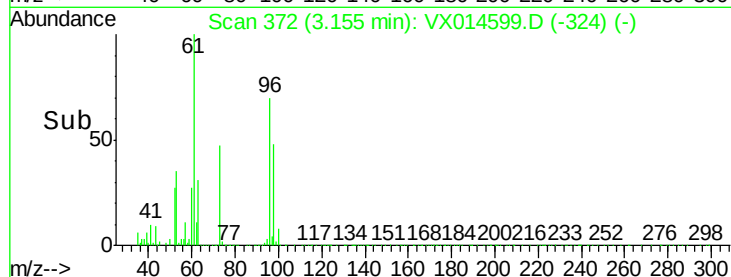
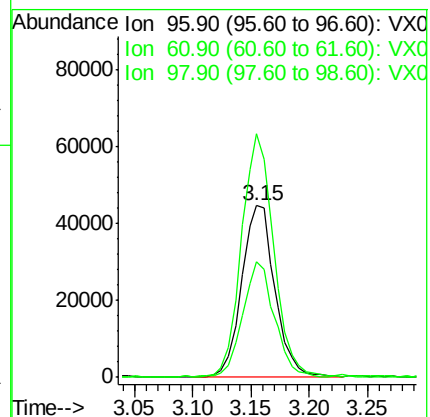
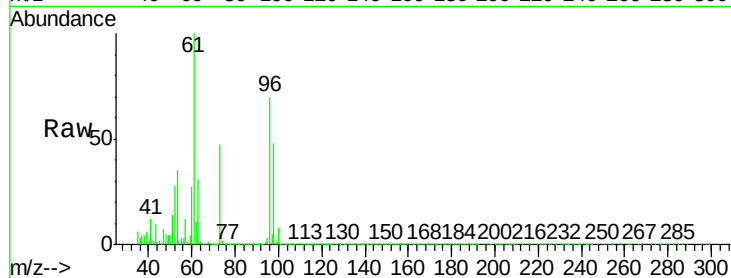
Tgt Ion: 96 Resp: 88409

Ion Ratio Lower Upper

96 100

61 141.8 108.2 162.4

98 67.4 48.8 73.2



#22

Diisopropyl ether

Concen: 19.967 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion: 45 Resp: 314231

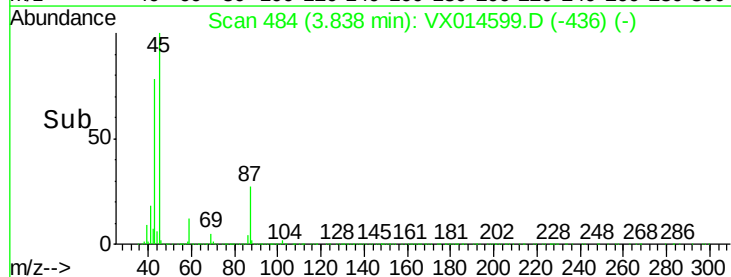
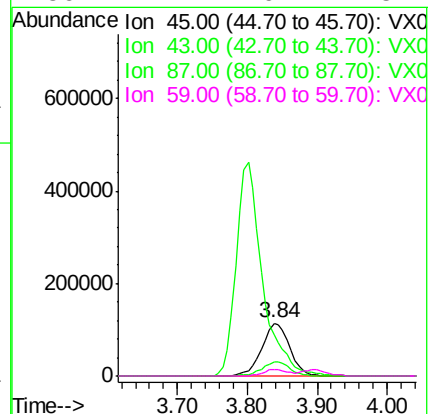
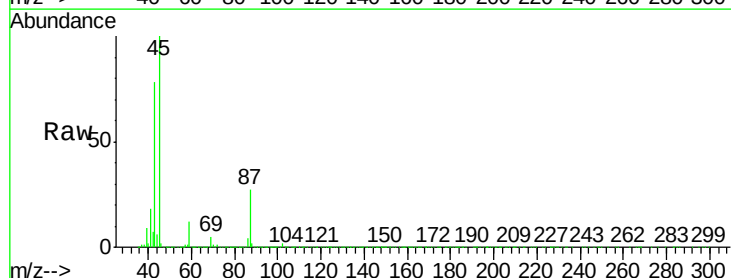
Ion Ratio Lower Upper

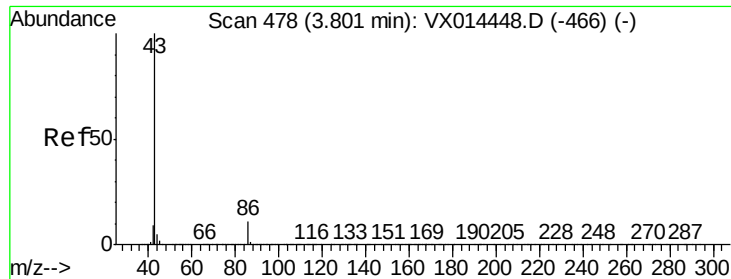
45 100

43 78.3 55.8 83.6

87 27.1 21.8 32.8

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 99.269 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

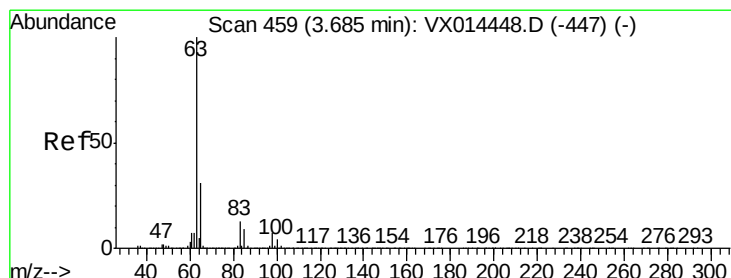
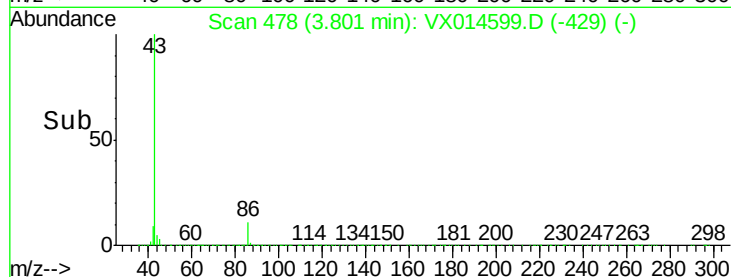
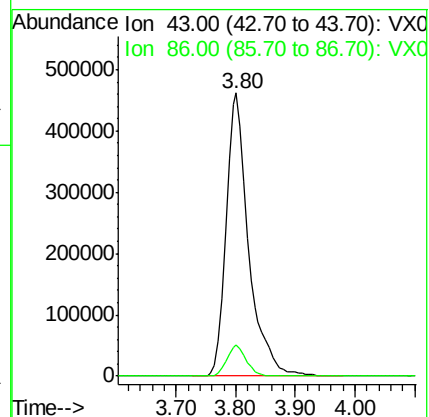
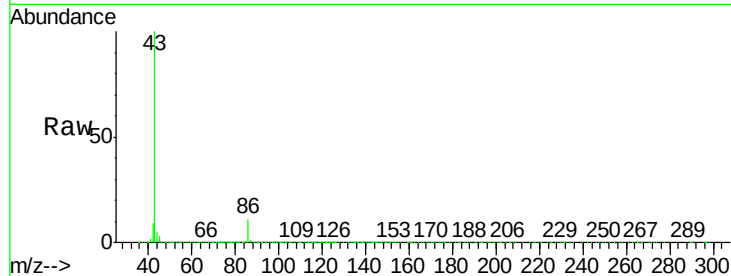
VX0114WBSD01

Tgt Ion: 43 Resp: 1209497

Ion Ratio Lower Upper

43 100

86 10.8 8.4 12.6



#24

1,1-Dichloroethane

Concen: 19.059 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

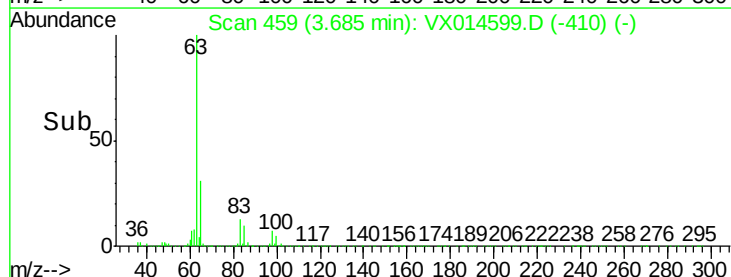
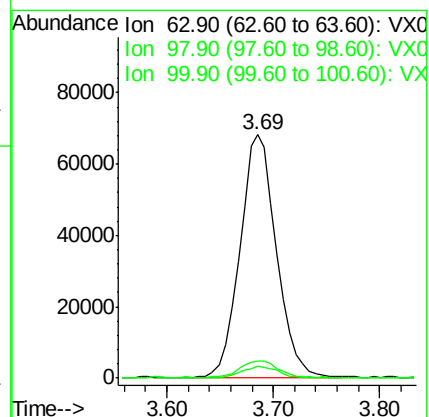
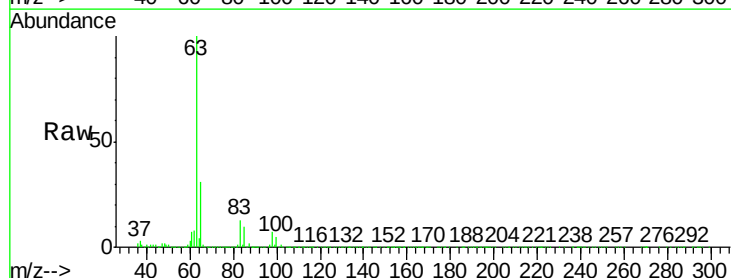
Tgt Ion: 63 Resp: 163164

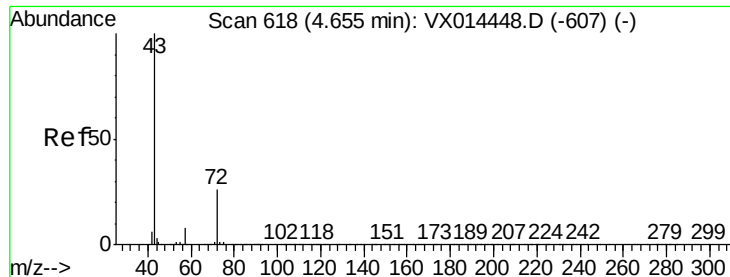
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 91.831 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

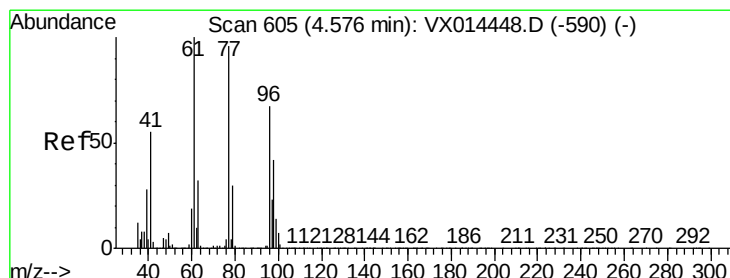
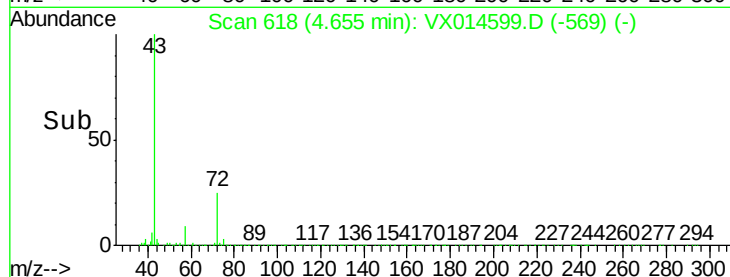
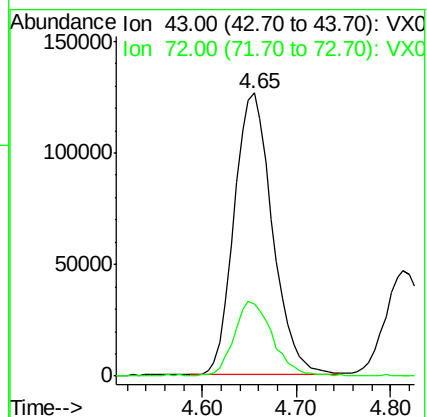
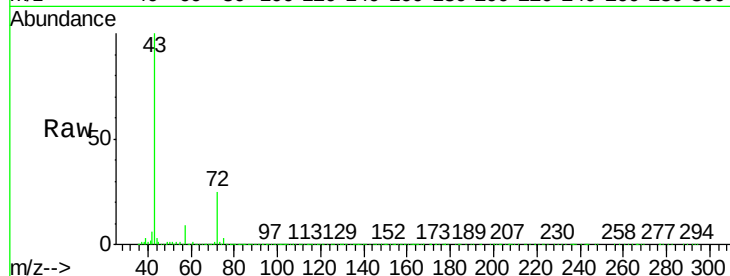
VX0114WBSD01

Tgt Ion: 43 Resp: 359623

Ion Ratio Lower Upper

43 100

72 25.2 20.6 31.0



#26

2,2-Dichloropropane

Concen: 17.624 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014599.D

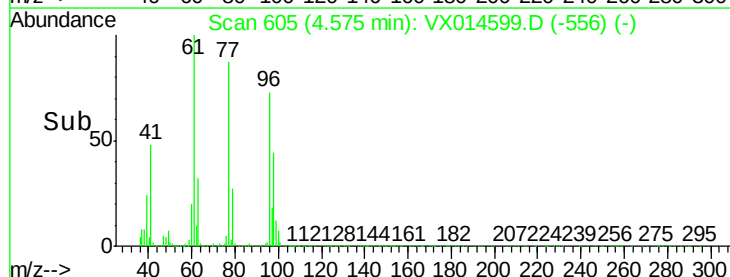
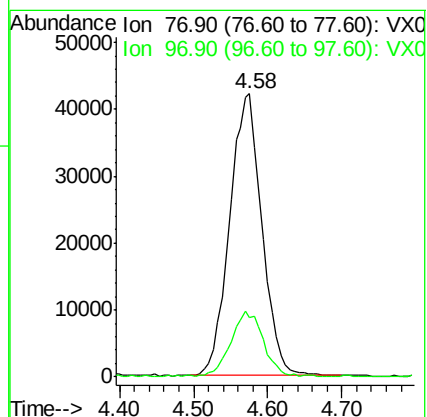
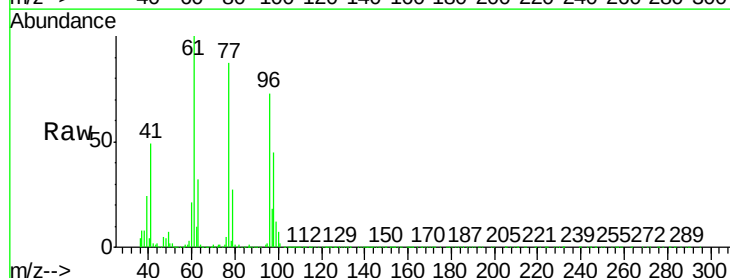
Acq: 14 Jan 2020 11:46

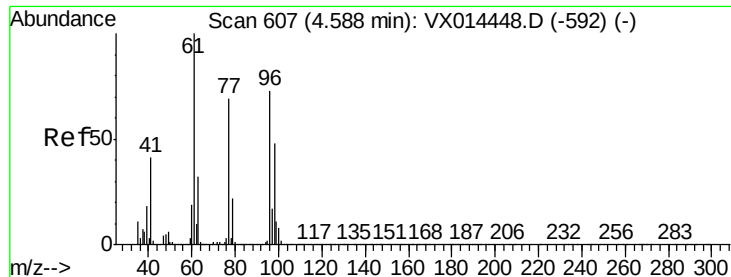
Tgt Ion: 77 Resp: 127812

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.1



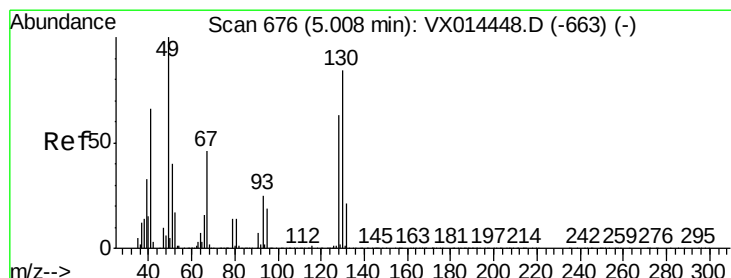
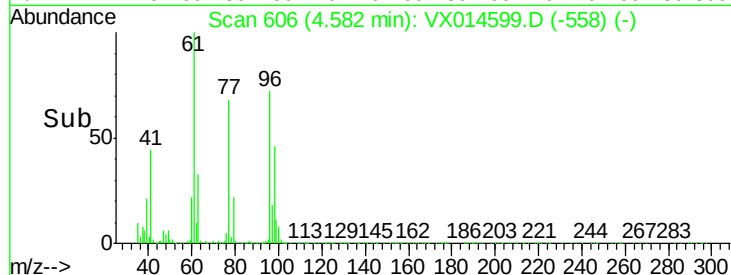
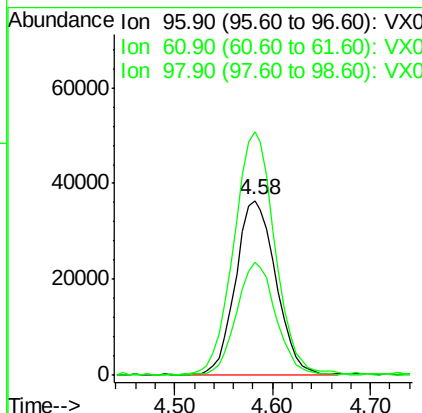
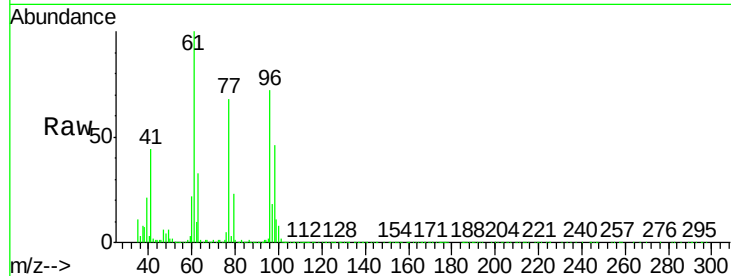


#27

cis-1,2-Dichloroethene
 Concen: 18.479 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

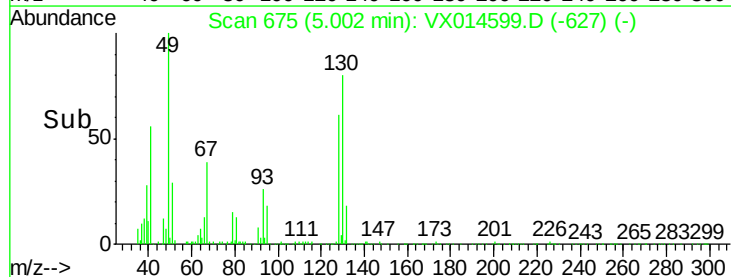
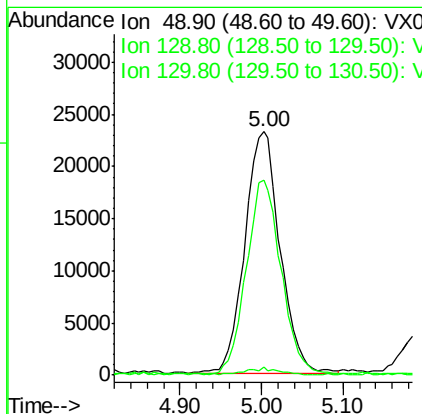
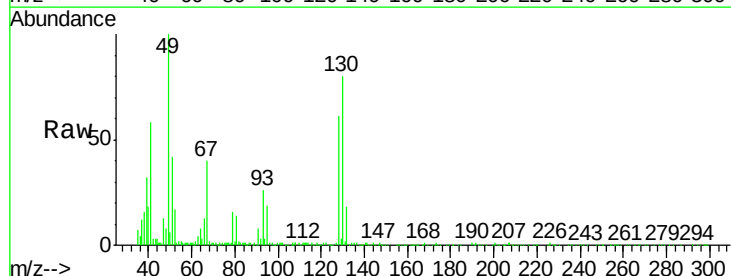
Tgt Ion: 96 Resp: 104602
 Ion Ratio Lower Upper
 96 100
 61 141.7 0.0 285.4
 98 63.2 0.0 130.6

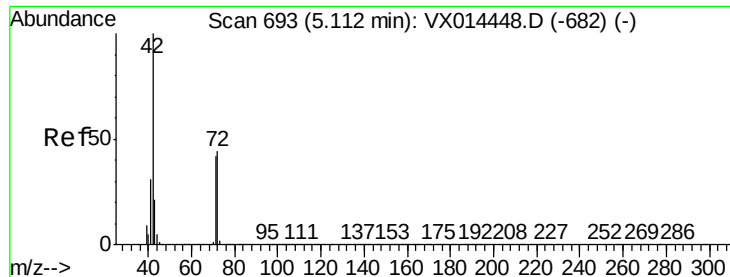


#28

Bromochloromethane
 Concen: 19.365 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion: 49 Resp: 69855
 Ion Ratio Lower Upper
 49 100
 129 3.2 0.0 4.4
 130 79.6 67.0 100.4





#29

Tetrahydrofuran

Concen: 102.514 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

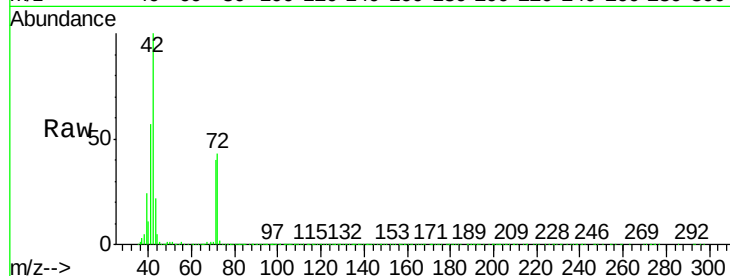
Tgt Ion: 42 Resp: 237358

Ion Ratio Lower Upper

42 100

72 43.3 36.2 54.4

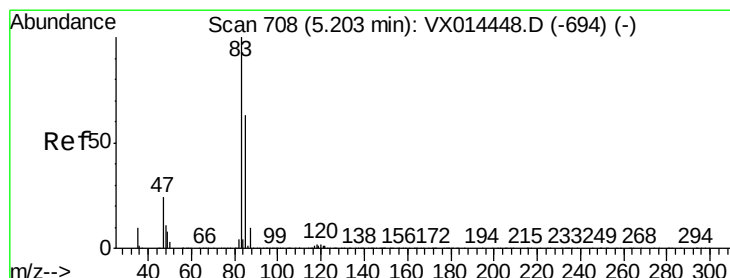
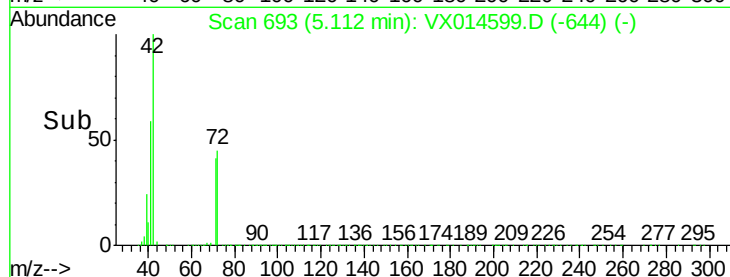
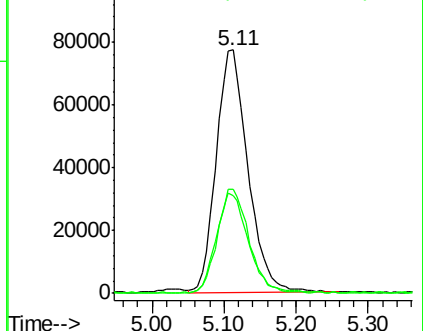
71 40.1 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.331 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014599.D

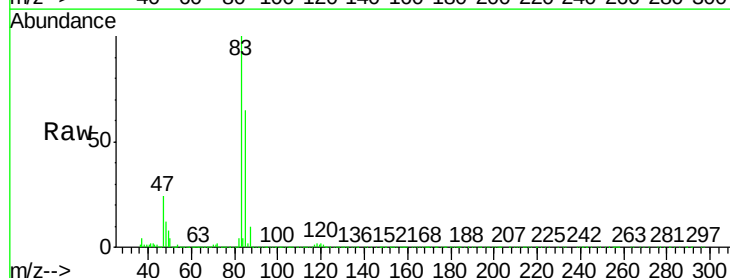
Acq: 14 Jan 2020 11:46

Tgt Ion: 83 Resp: 161716

Ion Ratio Lower Upper

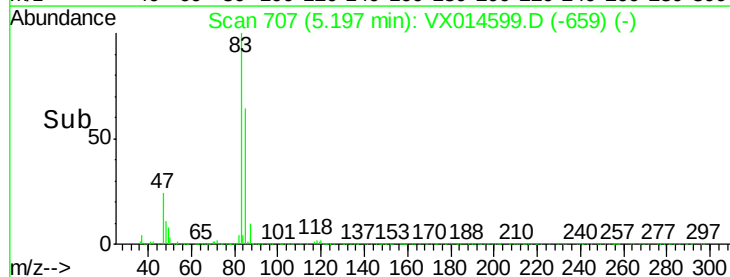
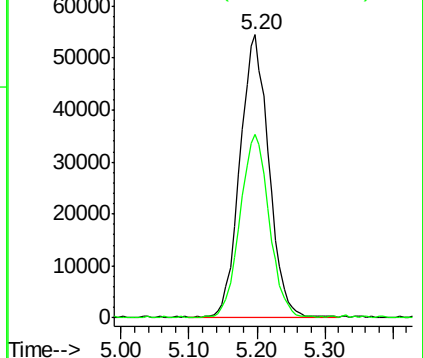
83 100

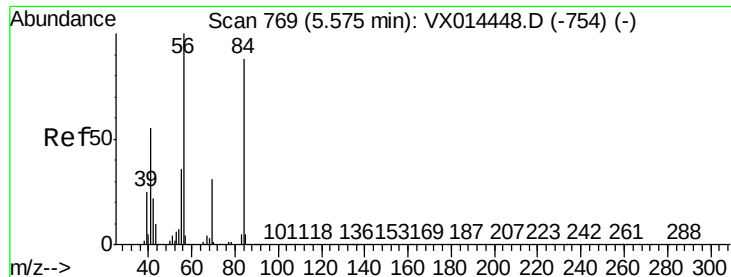
85 64.8 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

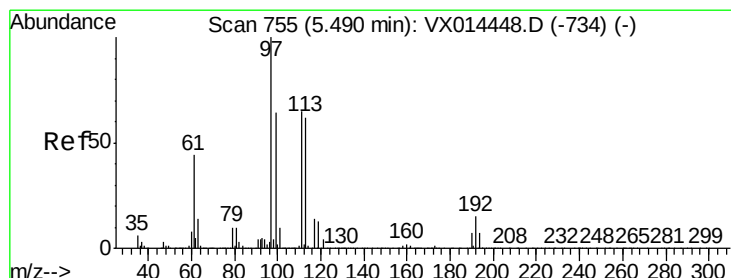
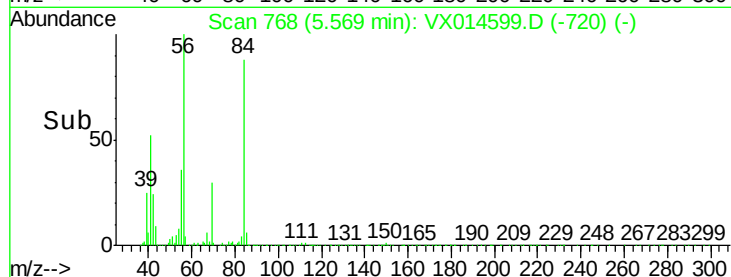
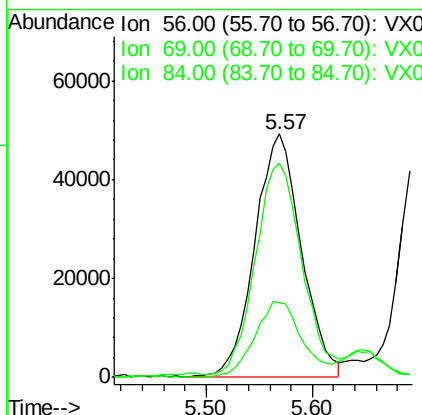
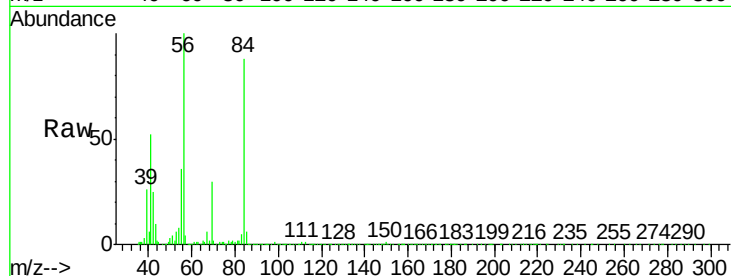




#31
Cyclohexane
Concen: 18.594 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

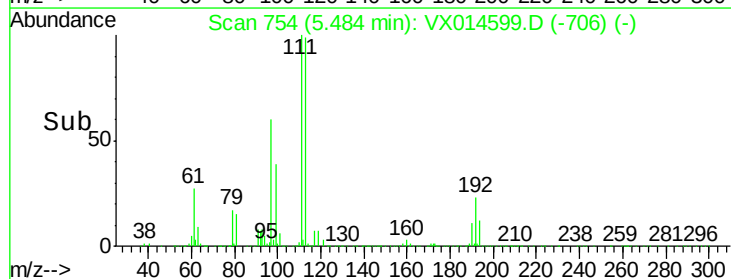
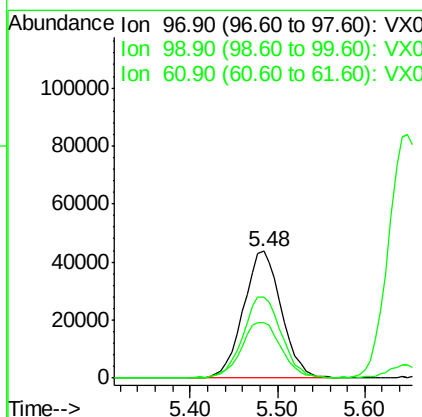
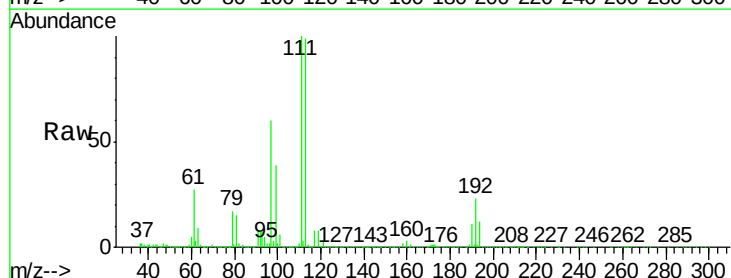
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

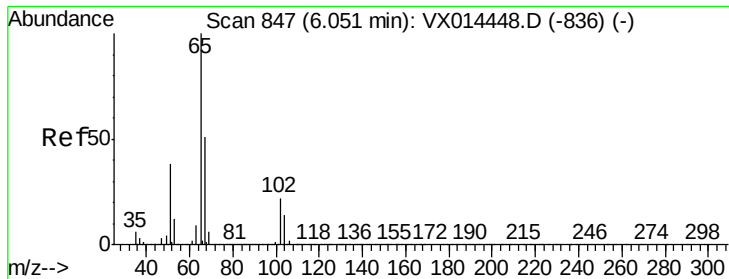
Tgt Ion: 56 Resp: 149002
Ion Ratio Lower Upper
56 100
69 30.5 24.4 36.6
84 86.6 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 18.287 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion: 97 Resp: 130950
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 46.2 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 48.094 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

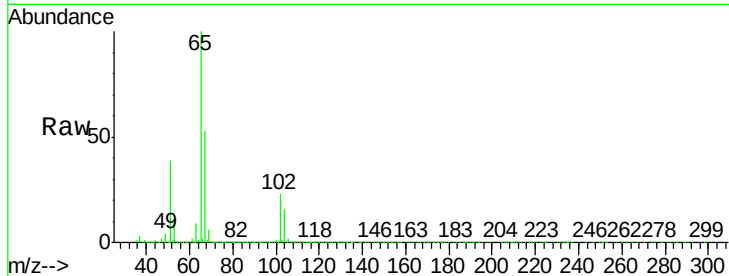
VX0114WBSD01

Tgt Ion: 65 Resp: 252141

Ion Ratio Lower Upper

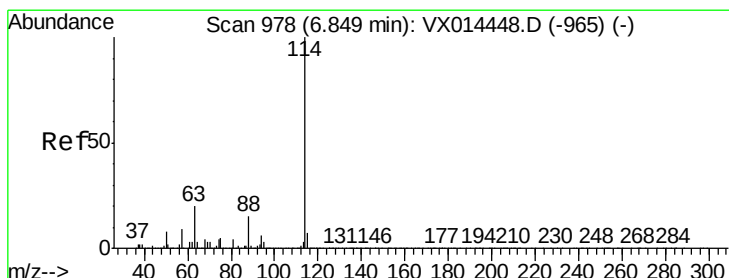
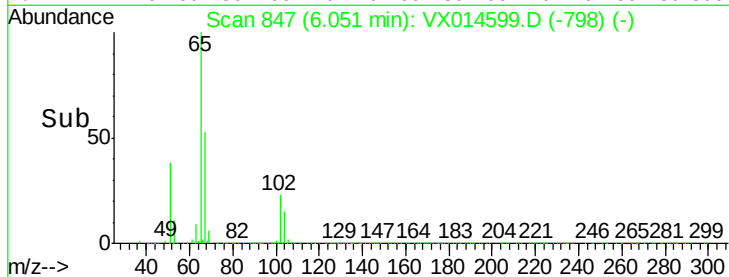
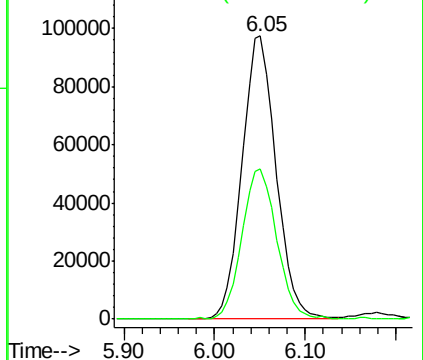
65 100

67 54.1 0.0 106.2



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: VX014599.D

Acq: 14 Jan 2020 11:46

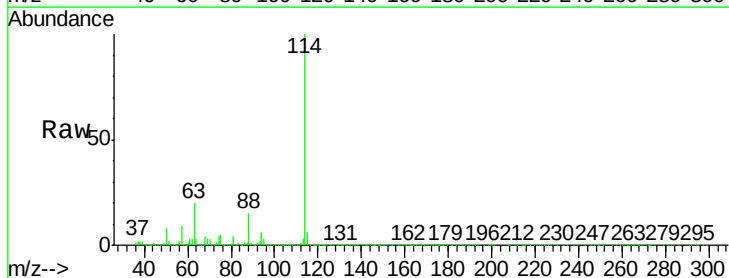
Tgt Ion: 114 Resp: 699315

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

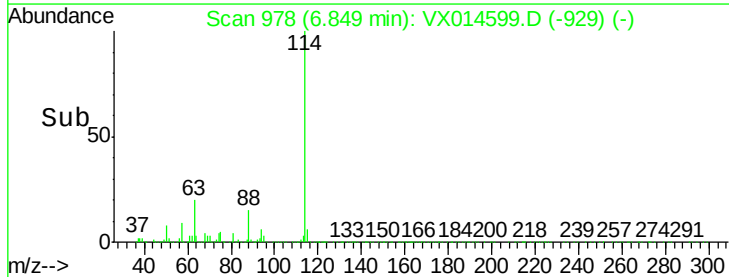
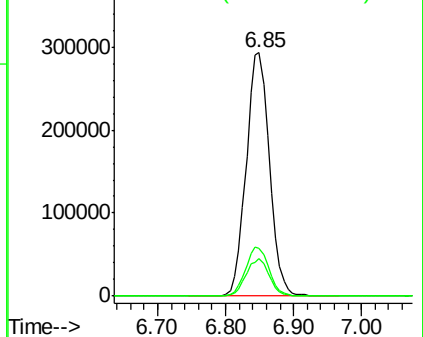
88 15.4 0.0 30.8

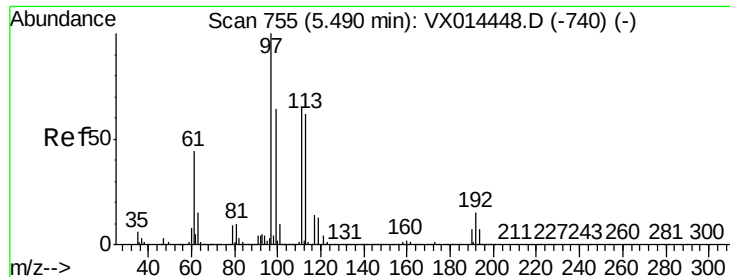


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

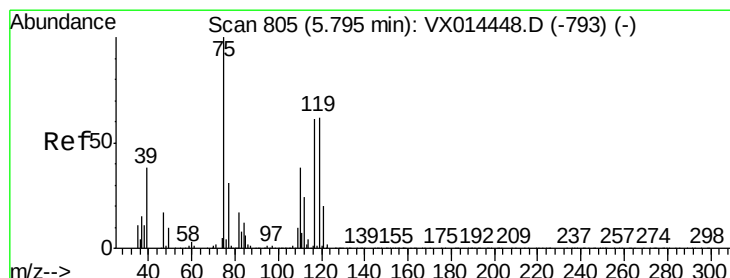
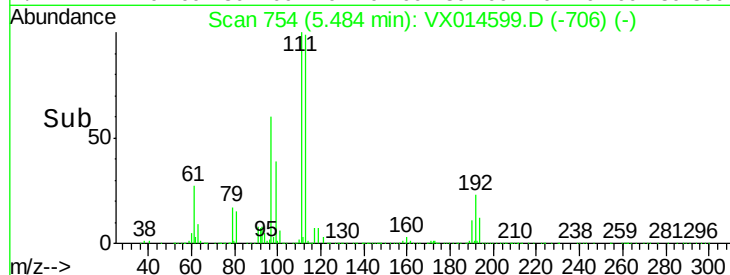
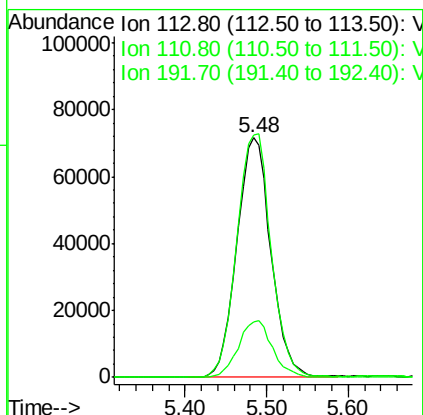
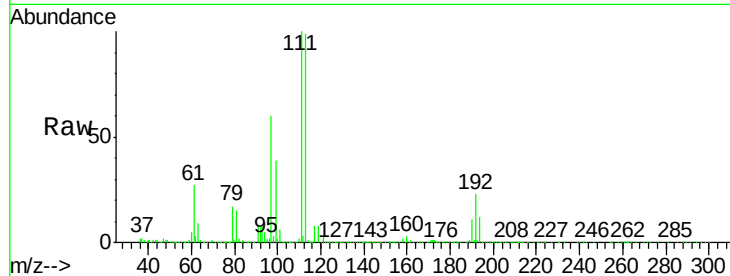




#35
 Dibromofluoromethane
 Concen: 48.615 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

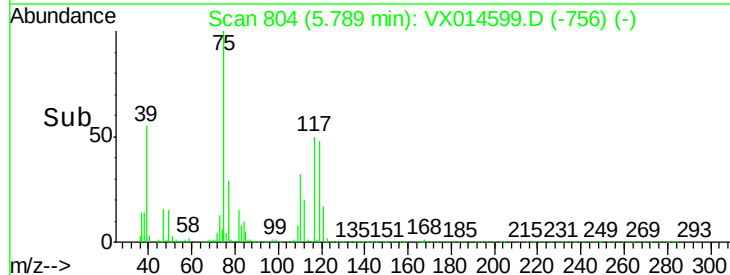
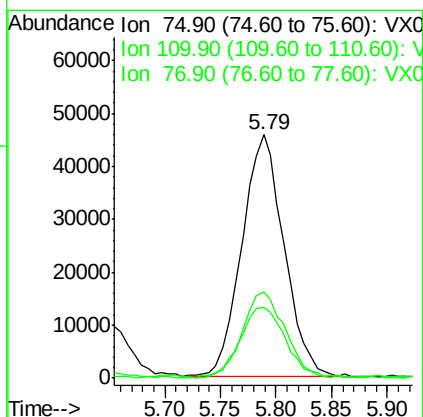
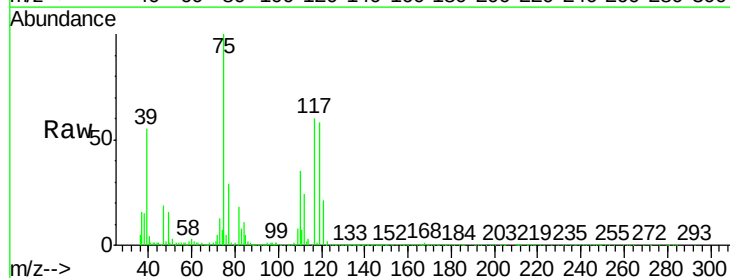
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

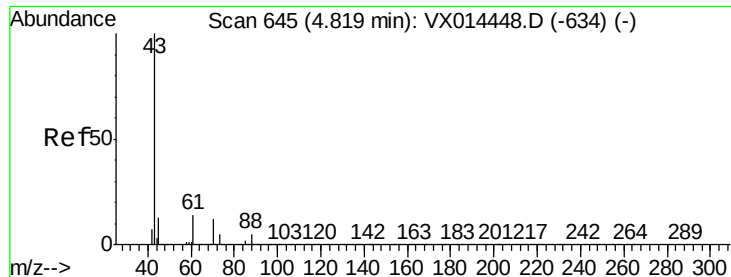
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.5	122.3
192	23.6	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 18.221 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.6	55.8
77	30.7	24.5	36.7

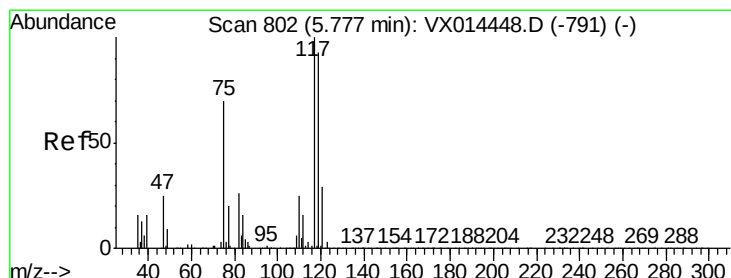
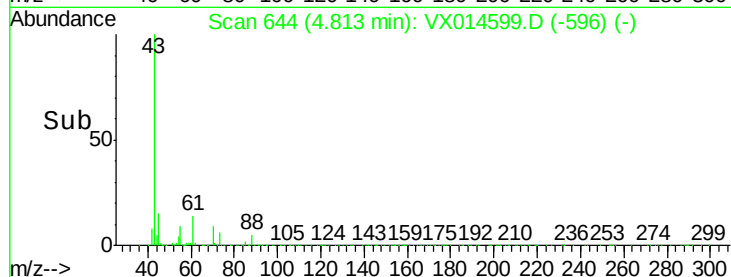
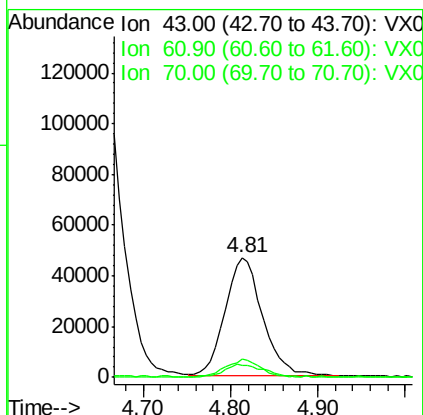
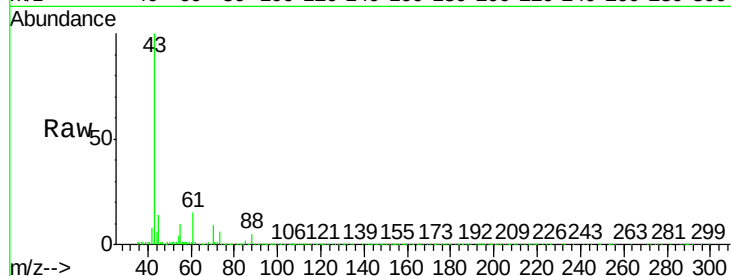




#37
 Ethyl Acetate
 Concen: 19.312 ug/l
 RT: 4.81 min Scan# 644
 Delta R.T. -0.01 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

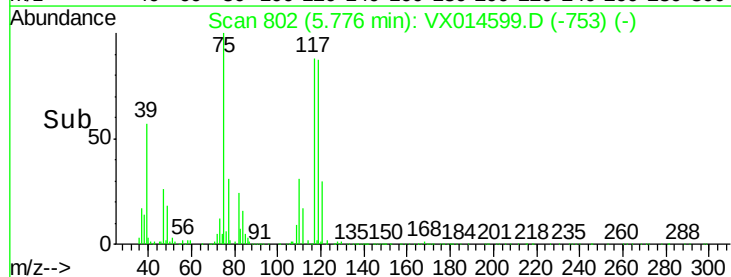
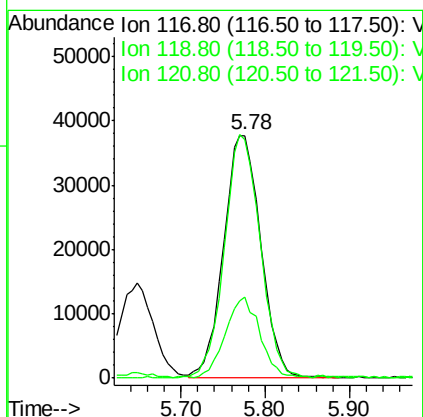
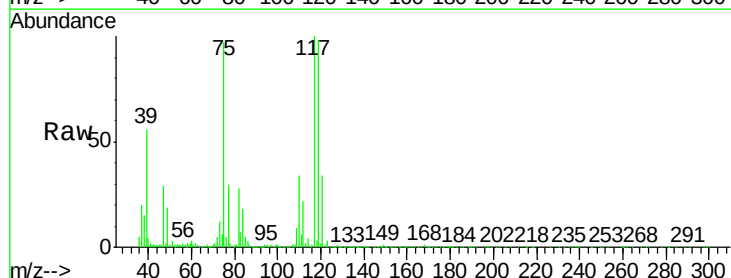
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0114WBSD01

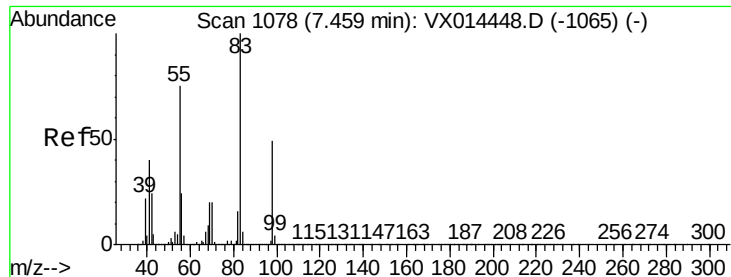
Tgt Ion: 43 Resp: 137956
 Ion Ratio Lower Upper
 43 100
 61 14.8 11.1 16.7
 70 10.3 8.9 13.3



#38
 Carbon Tetrachloride
 Concen: 18.609 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion: 117 Resp: 112621
 Ion Ratio Lower Upper
 117 100
 119 98.0 73.8 110.8
 121 33.2 23.4 35.0





#39

Methylcyclohexane

Concen: 18.268 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

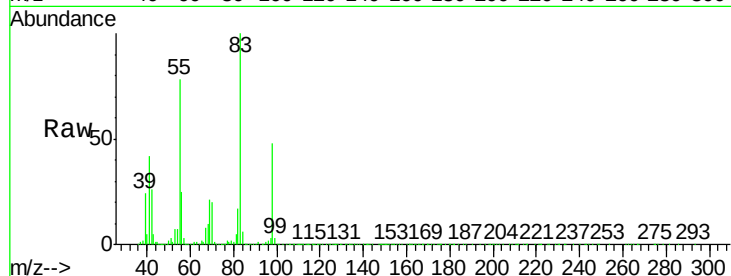
Tgt Ion: 83 Resp: 150931

Ion Ratio Lower Upper

83 100

55 78.1 59.7 89.5

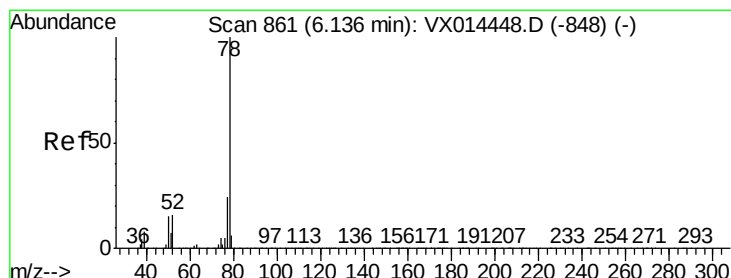
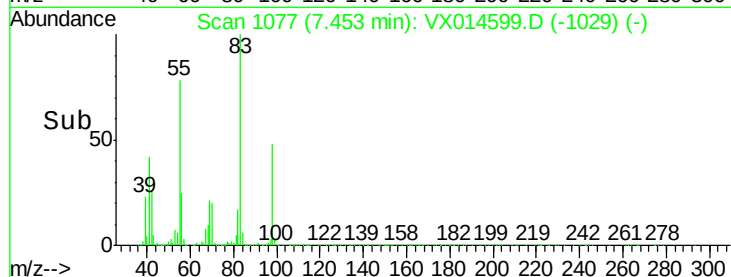
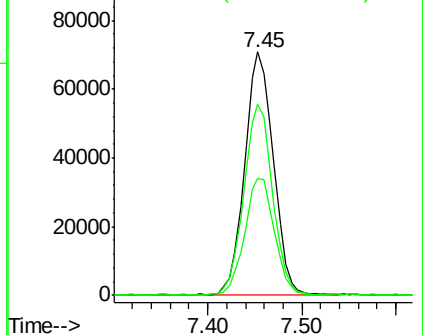
98 47.8 39.1 58.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 18.889 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX014599.D

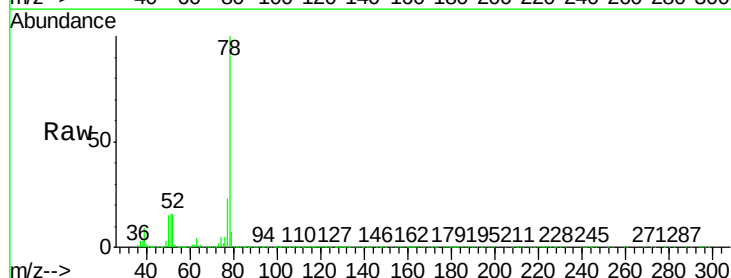
Acq: 14 Jan 2020 11:46

Tgt Ion: 78 Resp: 368696

Ion Ratio Lower Upper

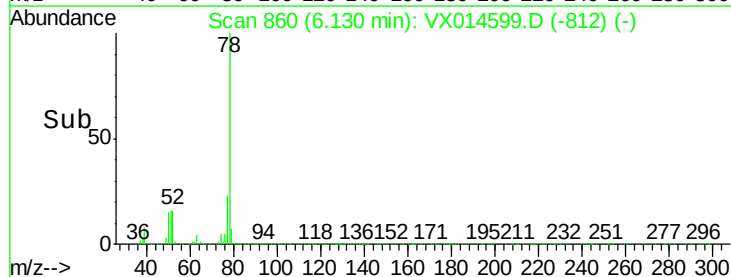
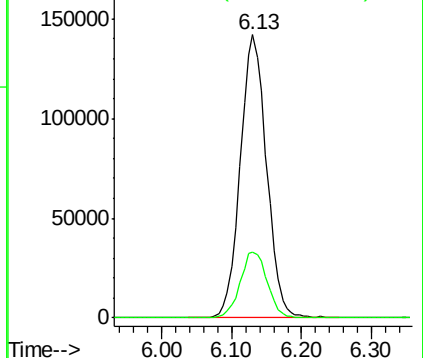
78 100

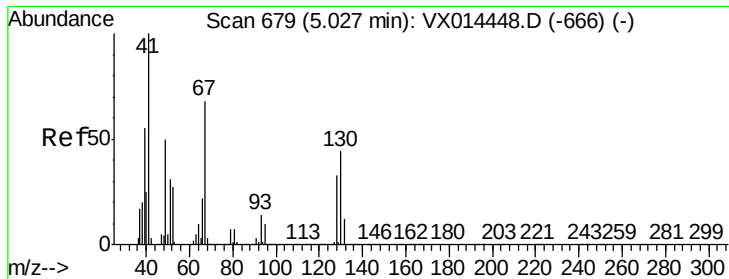
77 23.1 19.5 29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

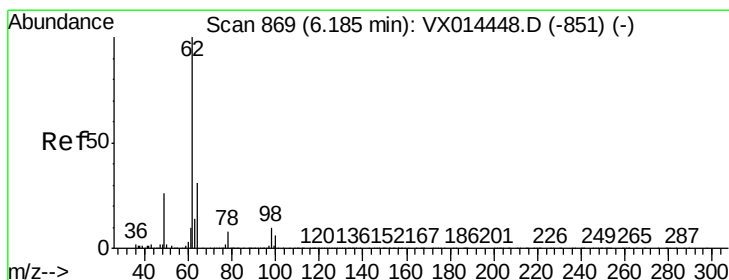
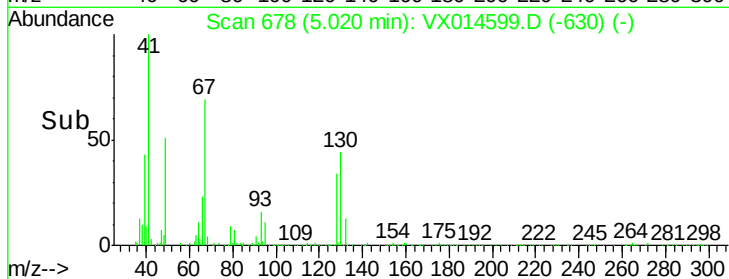
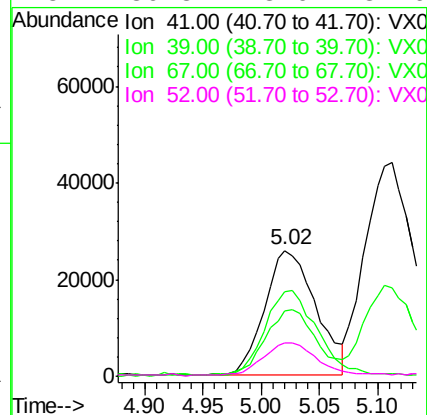
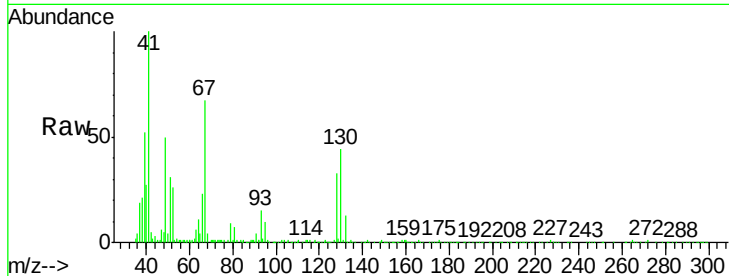




#41
Methacrylonitrile
Concen: 20.453 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

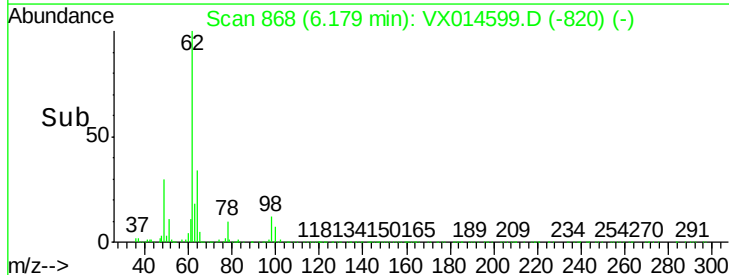
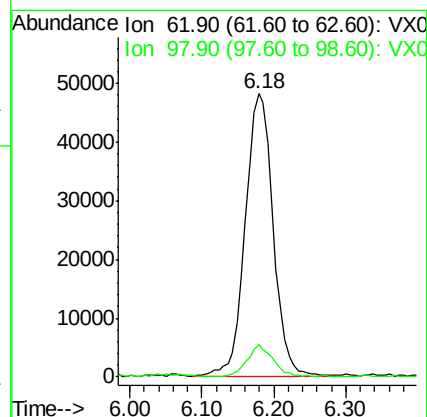
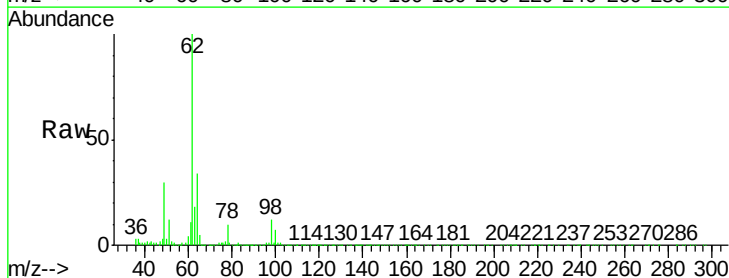
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

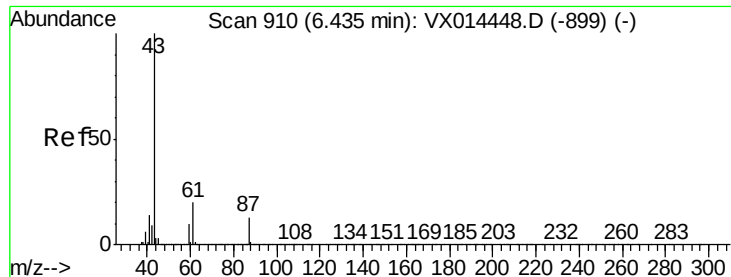
Tgt Ion:	41	Resp:	77912
Ion	Ratio	Lower	Upper
41	100		
39	53.0	43.6	65.4
67	69.7	57.9	86.9
52	30.3	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.144 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion:	62	Resp:	130650
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.422 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

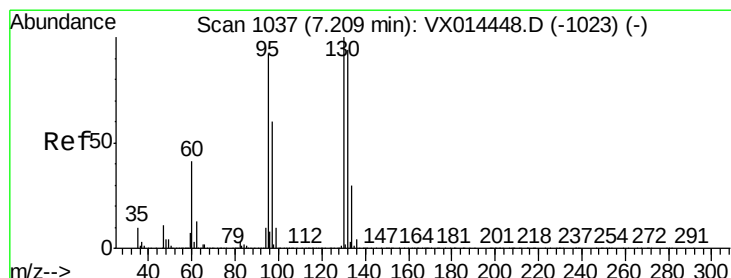
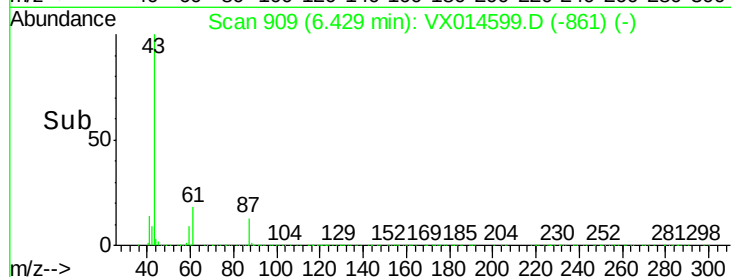
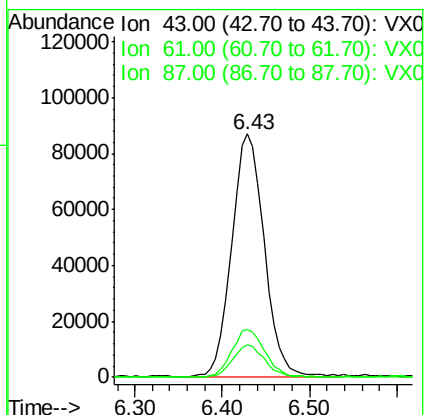
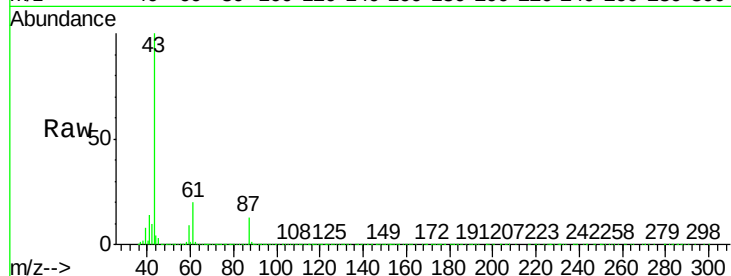
Tgt Ion: 43 Resp: 224120

Ion Ratio Lower Upper

43 100

61 19.6 16.6 24.8

87 13.3 10.8 16.2



#44

Trichloroethene

Concen: 18.448 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014599.D

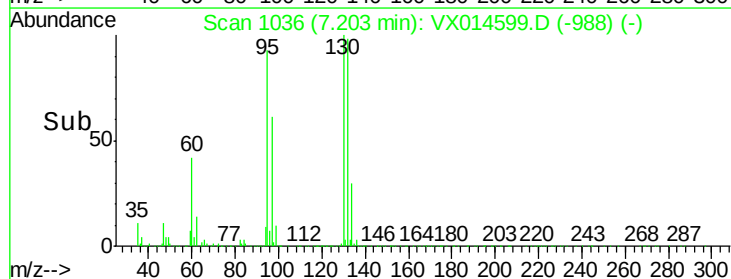
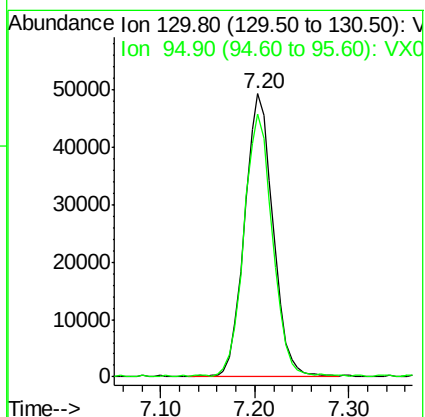
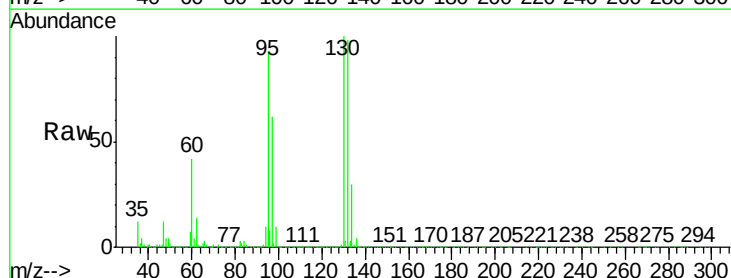
Acq: 14 Jan 2020 11:46

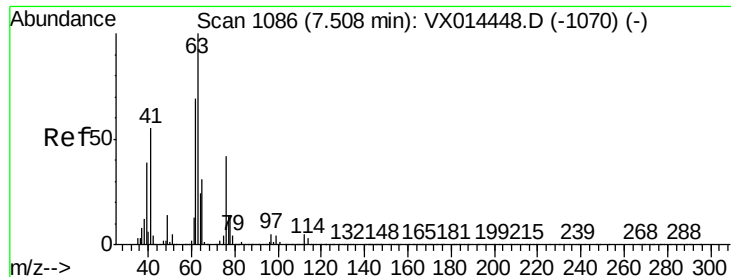
Tgt Ion: 130 Resp: 103481

Ion Ratio Lower Upper

130 100

95 92.7 0.0 184.2

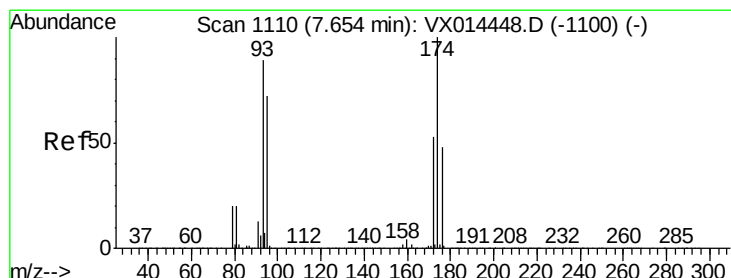
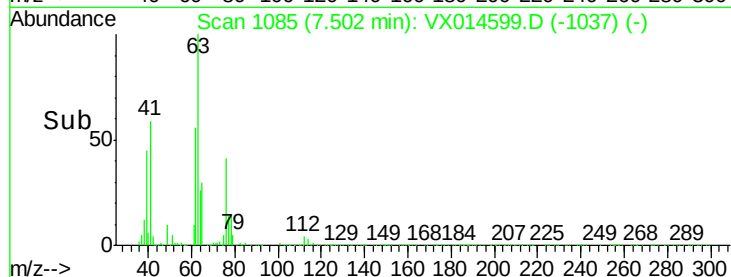
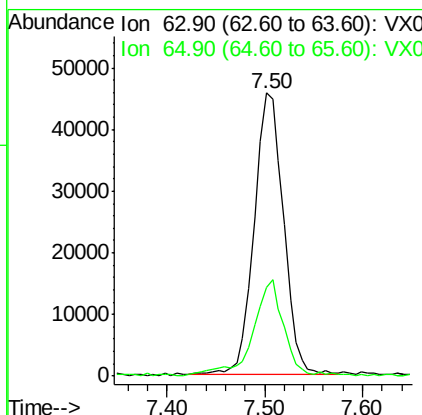
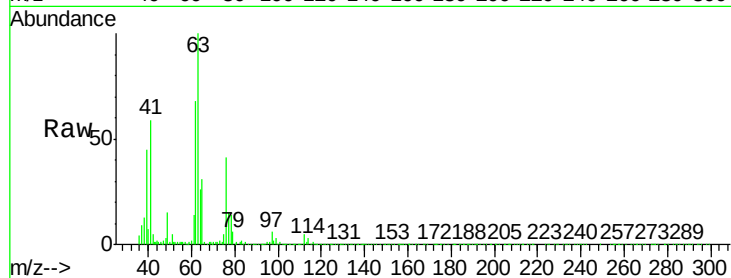




#45
 1,2-Dichloropropane
 Concen: 19.211 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

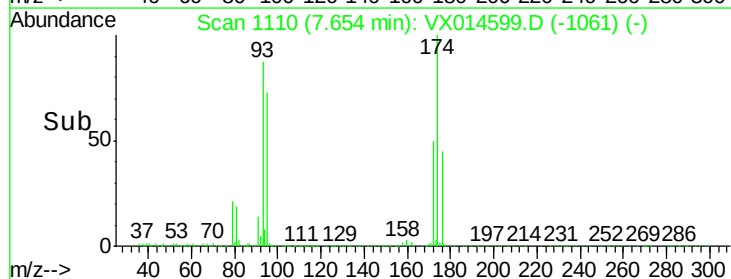
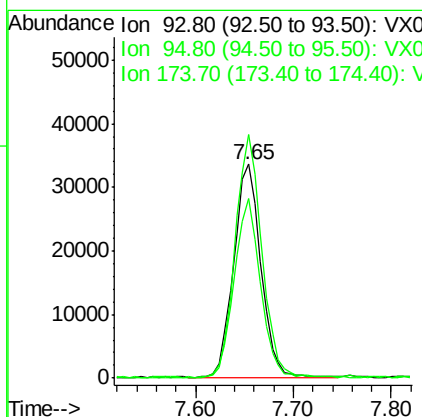
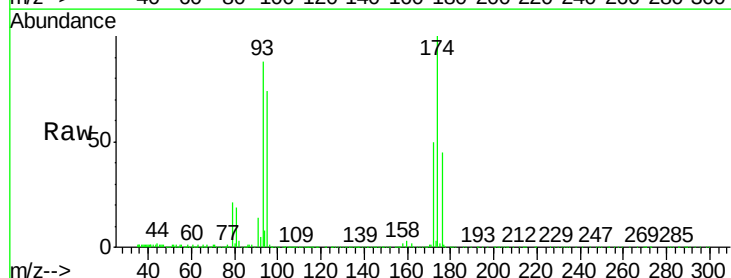
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

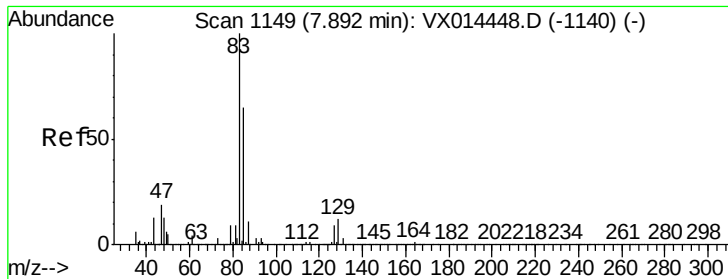
Tgt Ion: 63 Resp: 95601
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.8 37.2



#46
 Dibromomethane
 Concen: 18.927 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion: 93 Resp: 65738
 Ion Ratio Lower Upper
 93 100
 95 79.7 65.4 98.2
 174 109.5 93.0 139.4





#47

Bromodichloromethane

Concen: 19.189 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

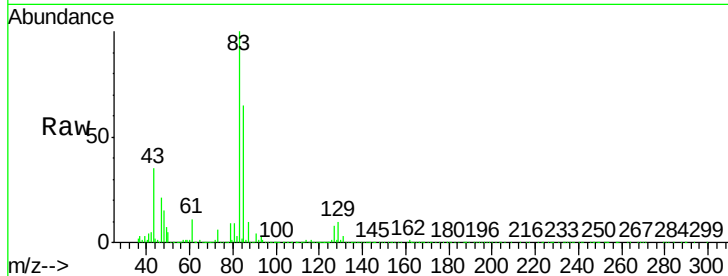
Tgt Ion: 83 Resp: 121271

Ion Ratio Lower Upper

83 100

85 65.0 51.7 77.5

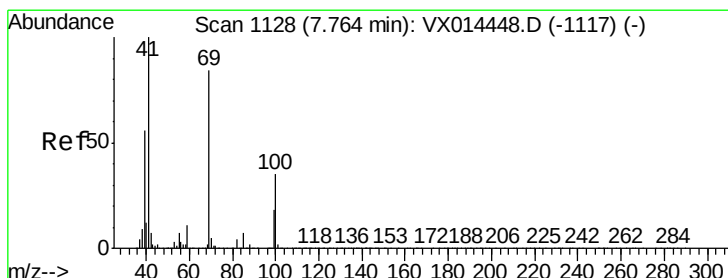
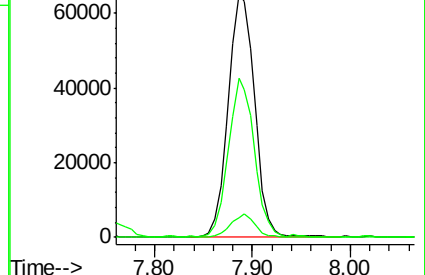
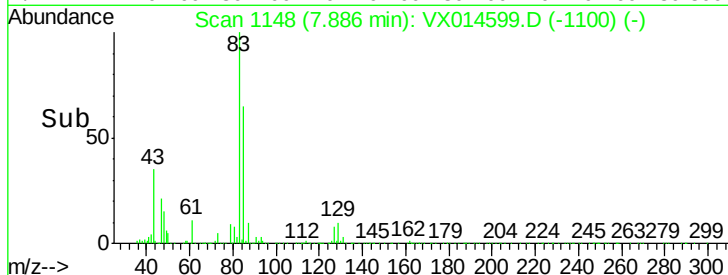
127 8.1 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.601 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

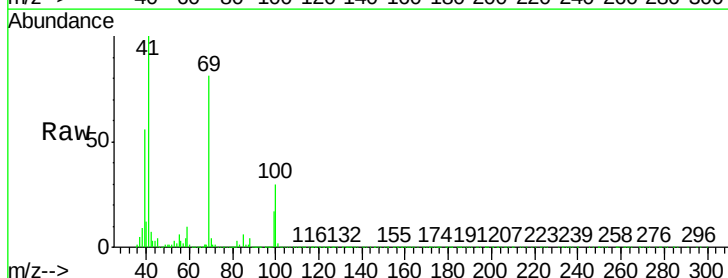
Tgt Ion: 41 Resp: 108331

Ion Ratio Lower Upper

41 100

69 83.3 65.5 98.3

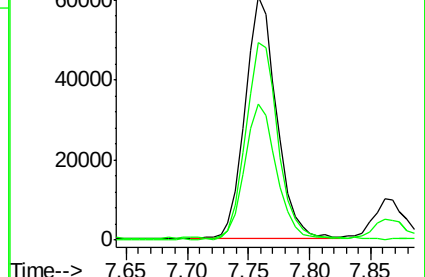
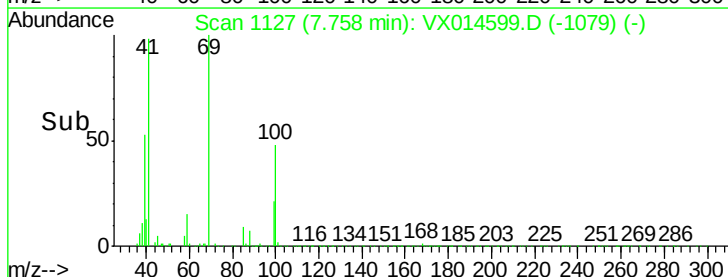
39 55.7 43.9 65.9

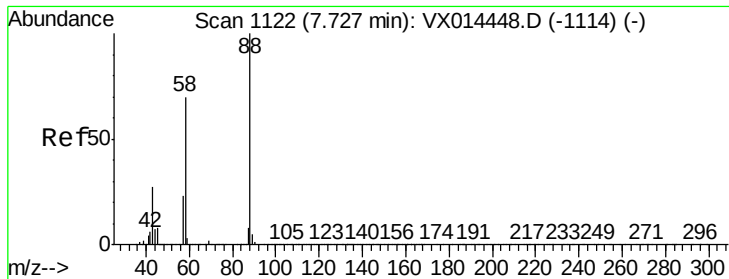


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 405.249 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

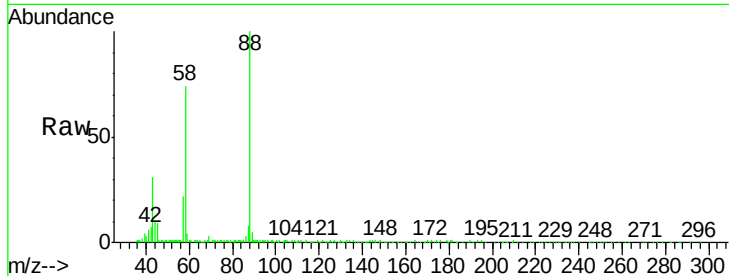
Tgt Ion: 88 Resp: 47458

Ion Ratio Lower Upper

88 100

43 32.8 27.4 41.0

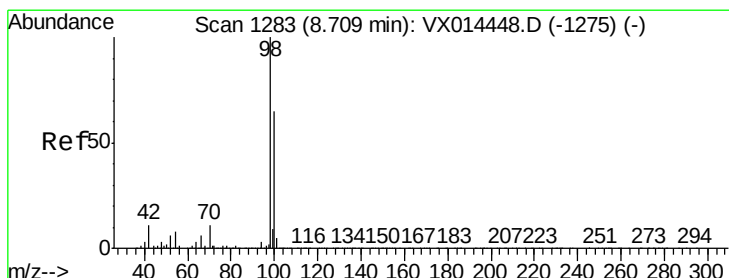
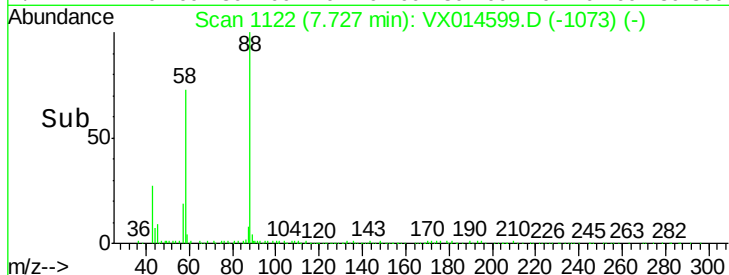
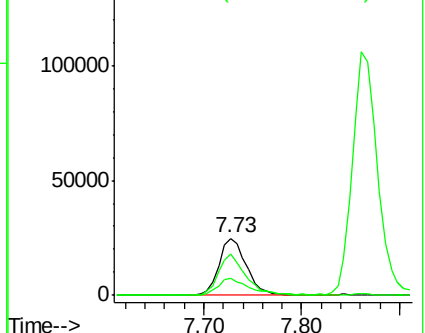
58 70.3 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.658 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014599.D

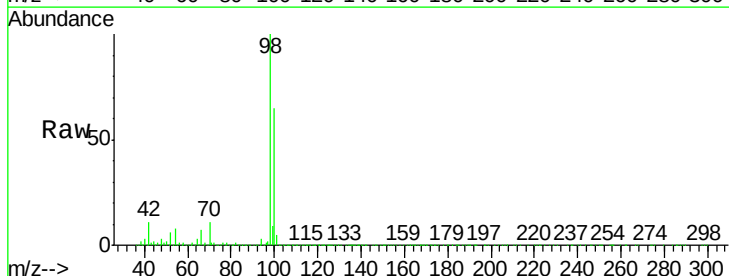
Acq: 14 Jan 2020 11:46

Tgt Ion: 98 Resp: 799354

Ion Ratio Lower Upper

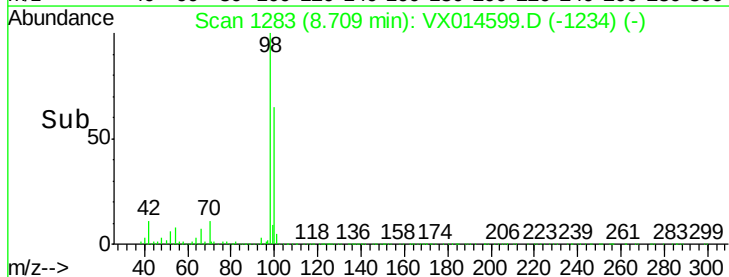
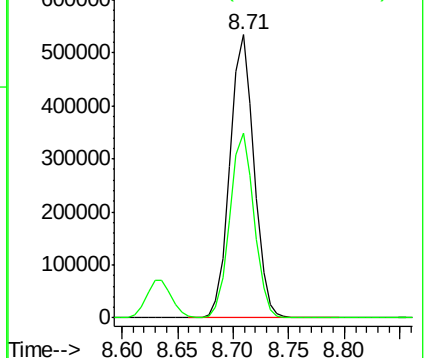
98 100

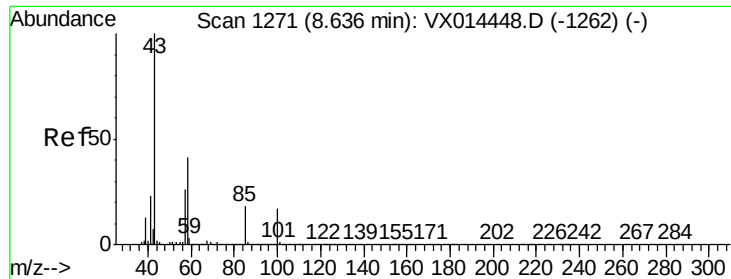
100 65.8 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

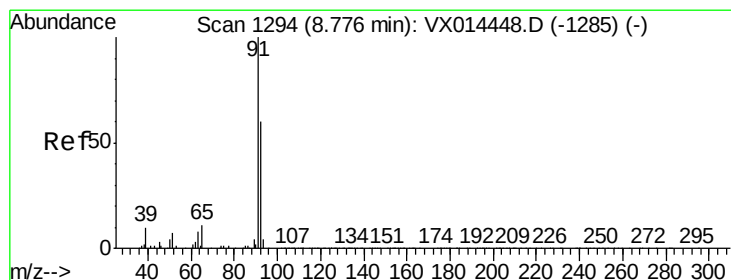
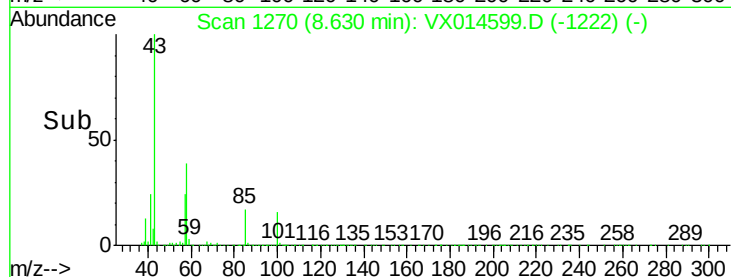
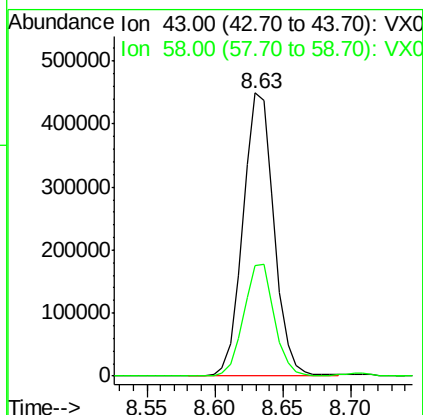
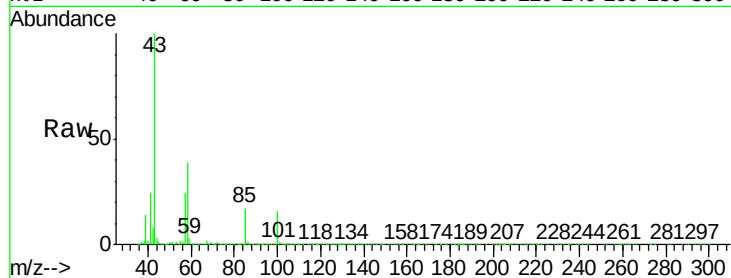




#51
4-Methyl-2-Pentanone
Concen: 101.501 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

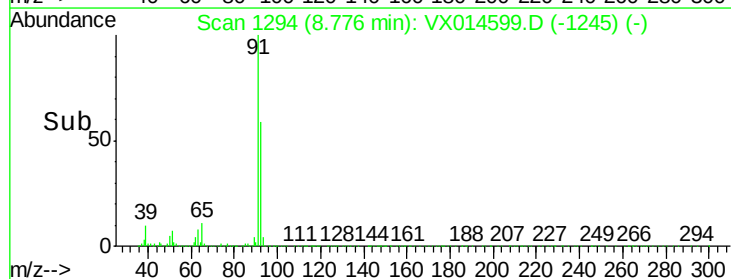
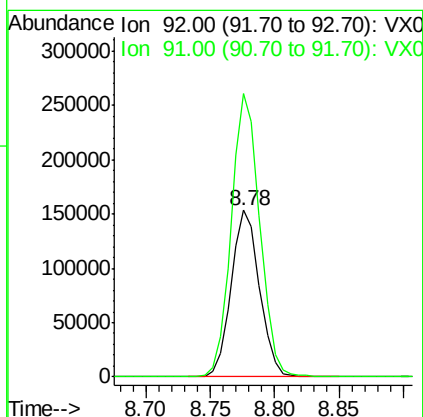
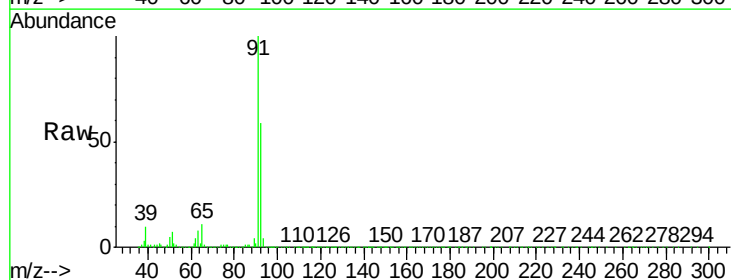
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

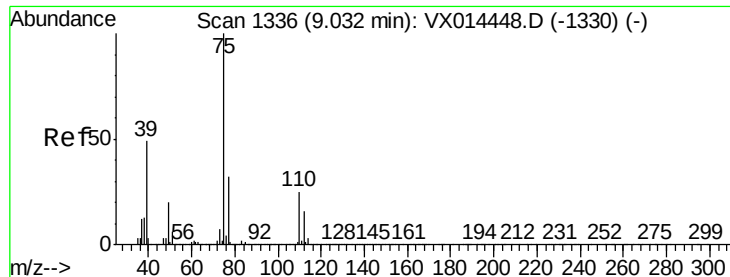
Tgt Ion: 43 Resp: 713742
Ion Ratio Lower Upper
43 100
58 39.2 32.4 48.6



#52
Toluene
Concen: 18.880 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion: 92 Resp: 235897
Ion Ratio Lower Upper
92 100
91 169.9 135.7 203.5

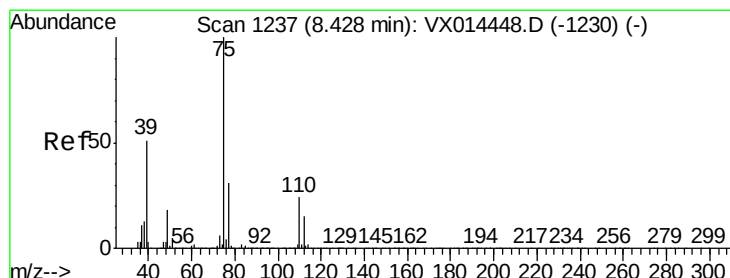
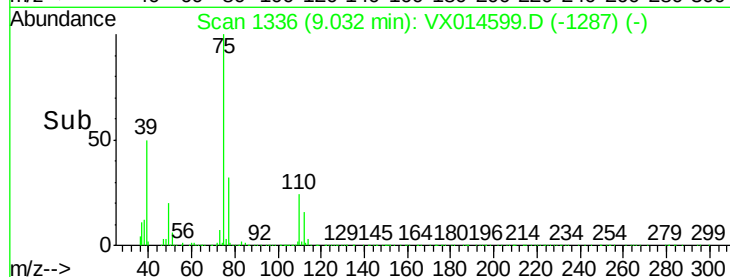
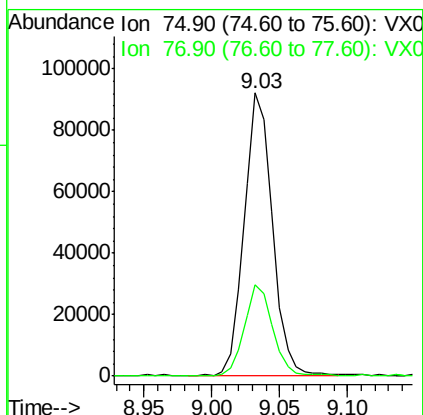
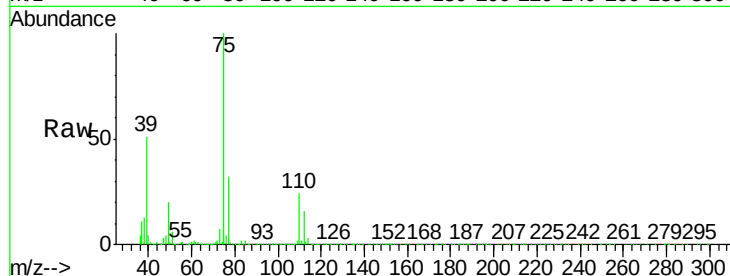




#53
t-1,3-Dichloropropene
Concen: 18.059 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

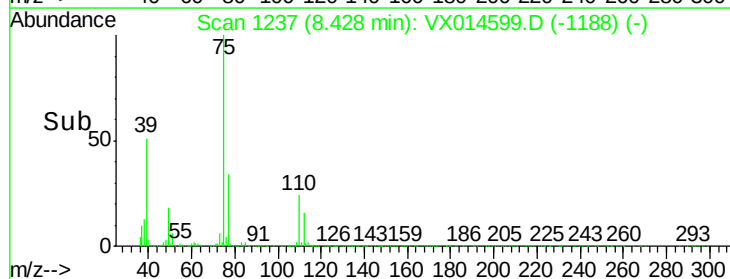
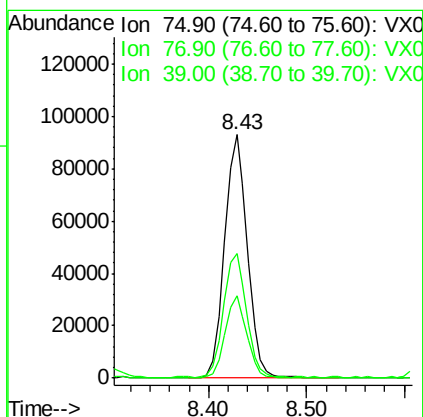
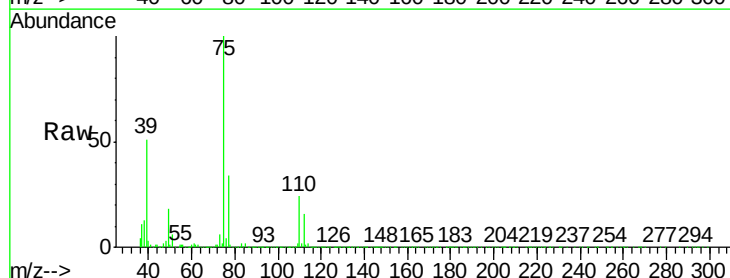
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

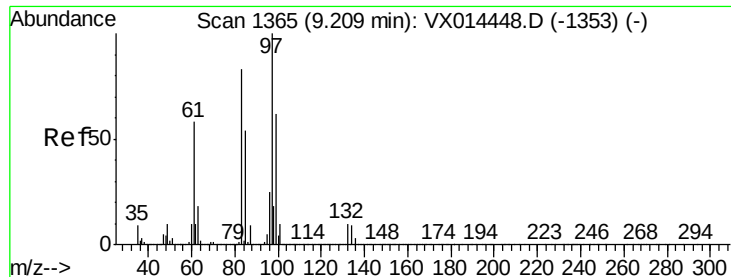
Tgt Ion: 75 Resp: 132877
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.737 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion: 75 Resp: 148928
Ion Ratio Lower Upper
75 100
77 33.7 25.0 37.4
39 50.8 40.7 61.1

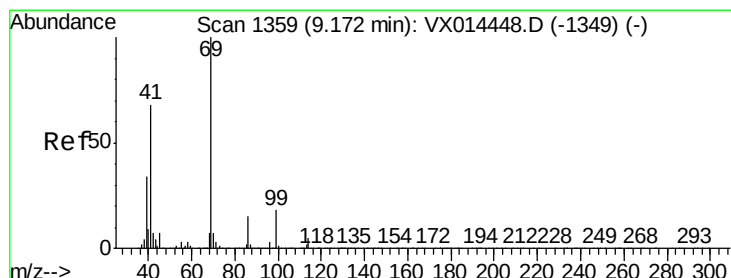
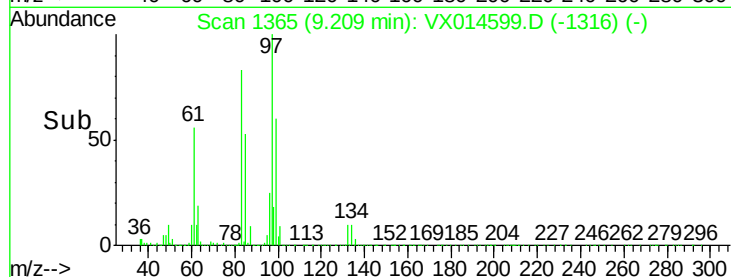
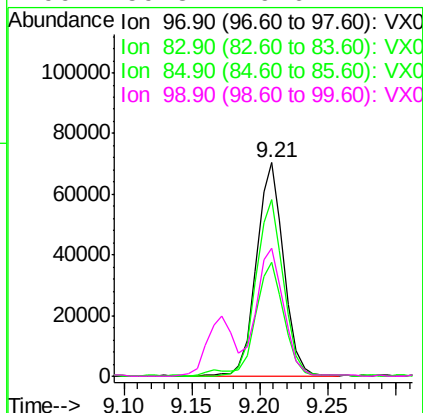
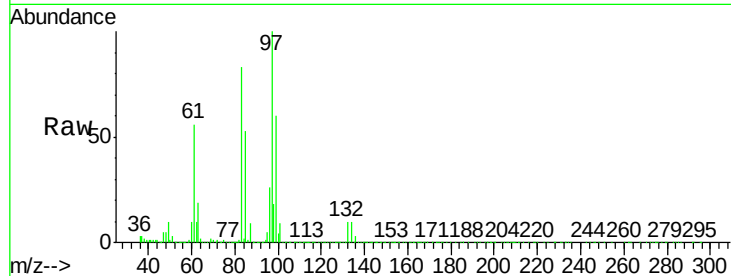




#55
 1,1,2-Trichloroethane
 Concen: 19.650 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

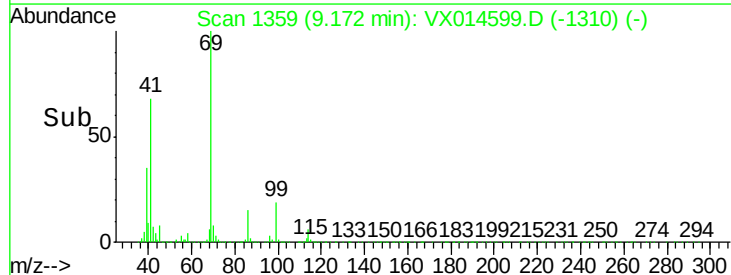
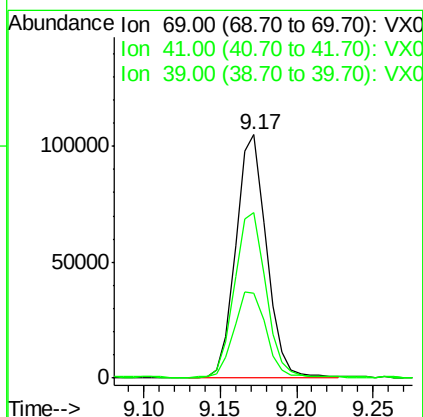
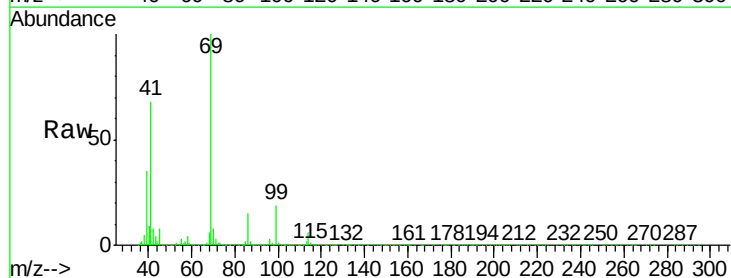
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

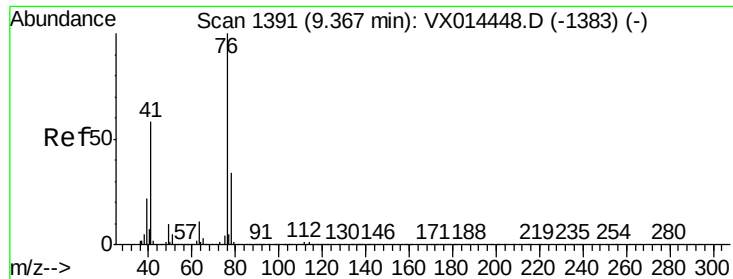
Tgt Ion:	97	Resp:	98617
Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.4	99.6
85	53.0	43.4	65.2
99	59.8	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 18.912 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion:	69	Resp:	145413
Ion	Ratio	Lower	Upper
69	100		
41	71.5	54.2	81.2
39	37.3	28.2	42.2





#57

1,3-Dichloropropane

Concen: 19.808 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

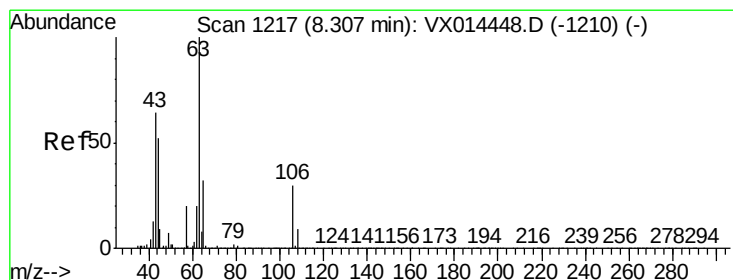
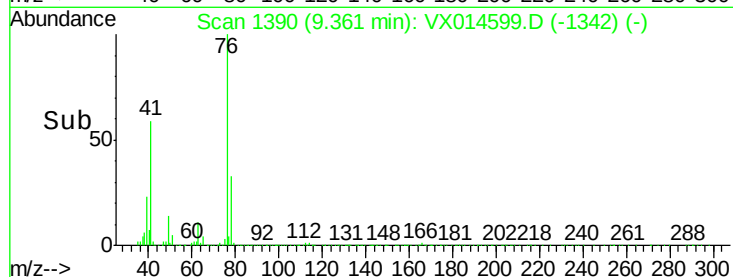
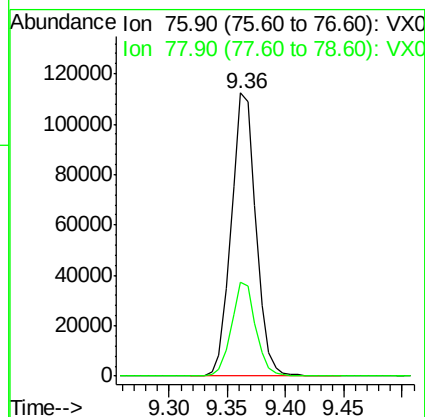
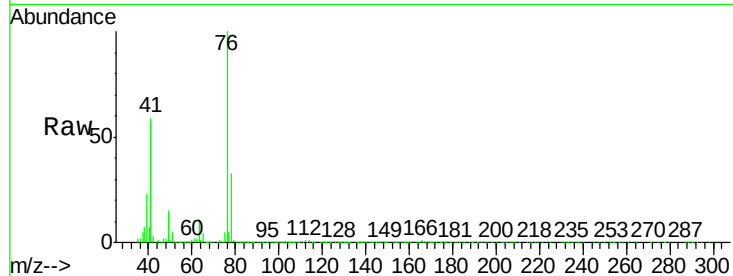
VX0114WBSD01

Tgt Ion: 76 Resp: 166211

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.043 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014599.D

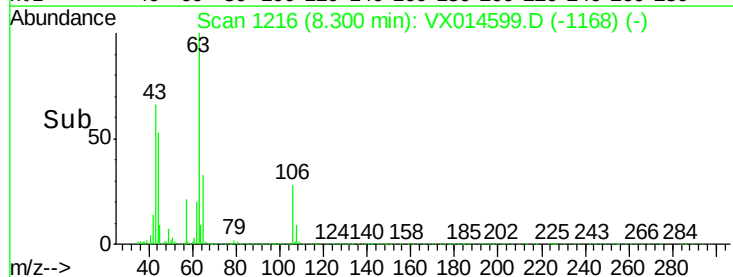
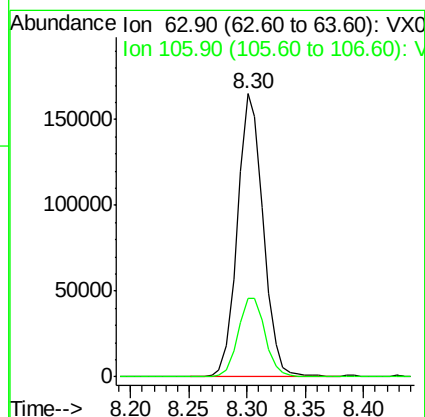
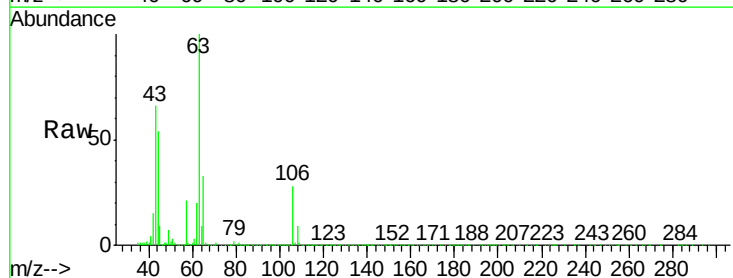
Acq: 14 Jan 2020 11:46

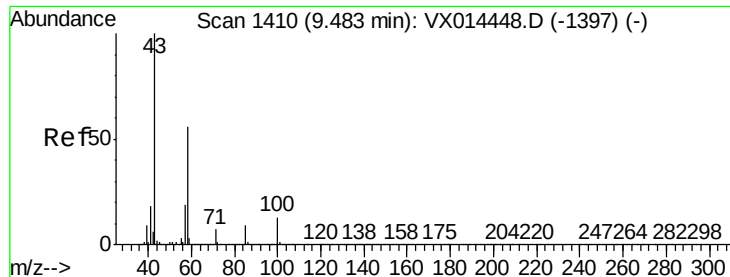
Tgt Ion: 63 Resp: 253865

Ion Ratio Lower Upper

63 100

106 29.5 23.6 35.4

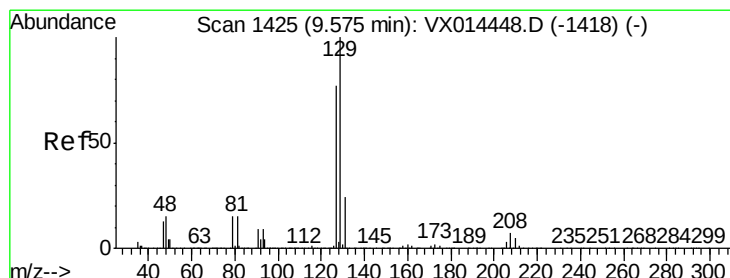
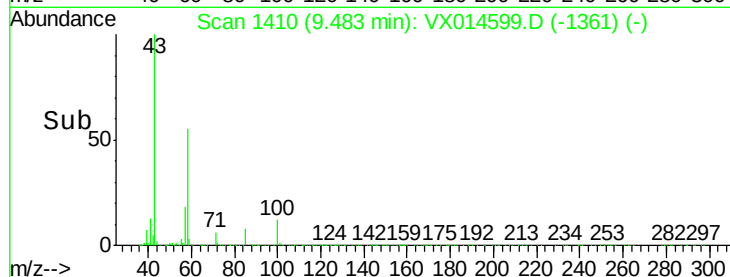
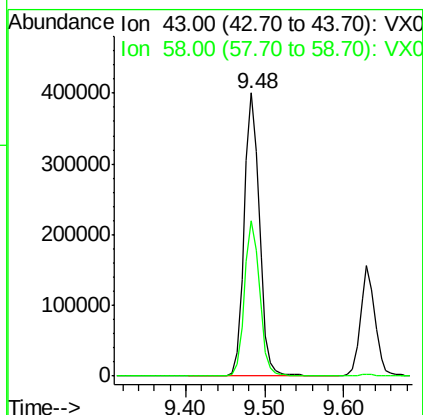
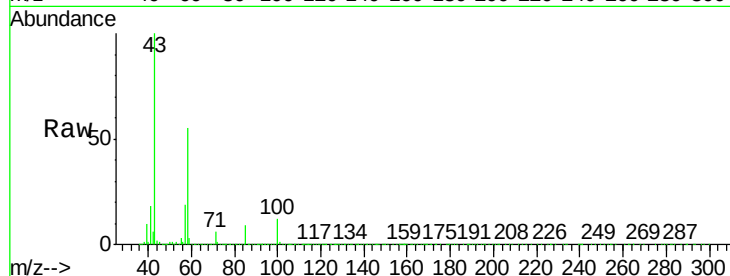




#59
2-Hexanone
Concen: 96.740 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

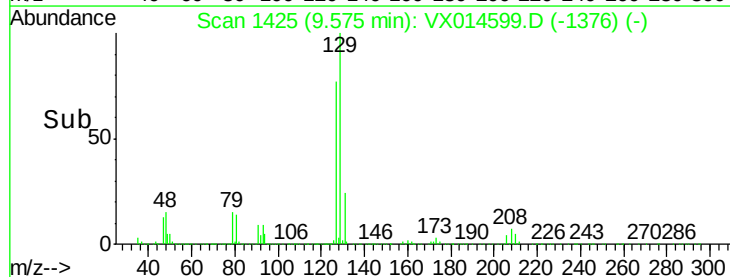
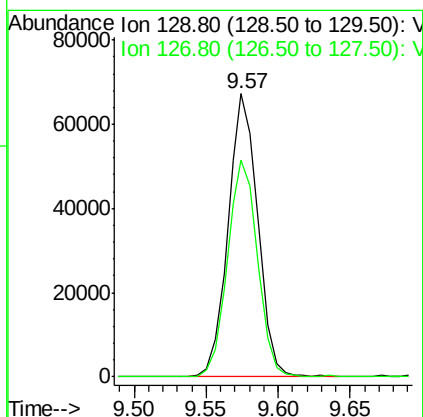
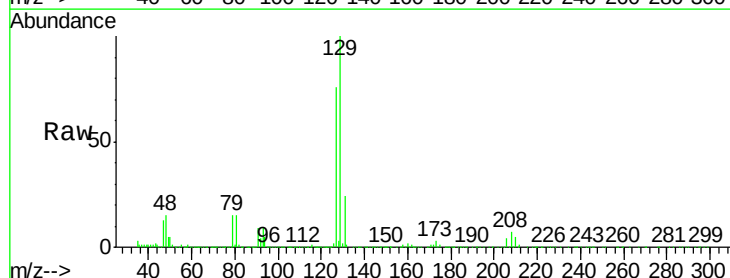
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

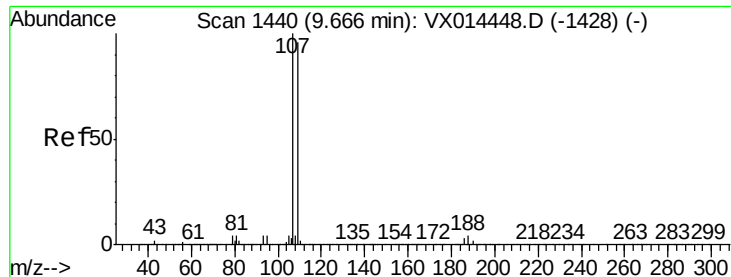
Tgt Ion: 43 Resp: 538254
Ion Ratio Lower Upper
43 100
58 54.5 27.9 83.7



#60
Dibromochloromethane
Concen: 19.175 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion: 129 Resp: 96723
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.883 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

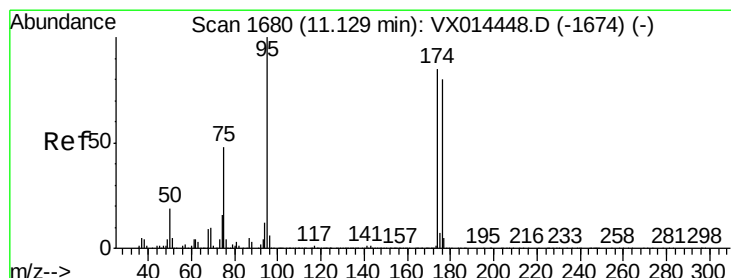
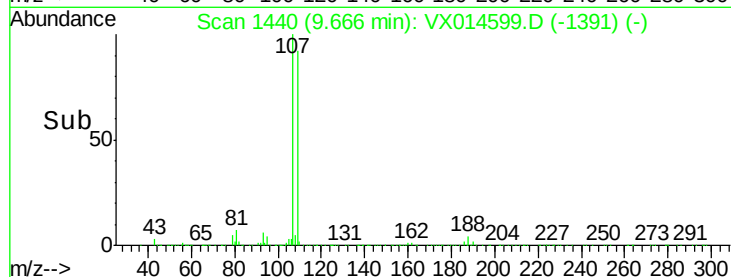
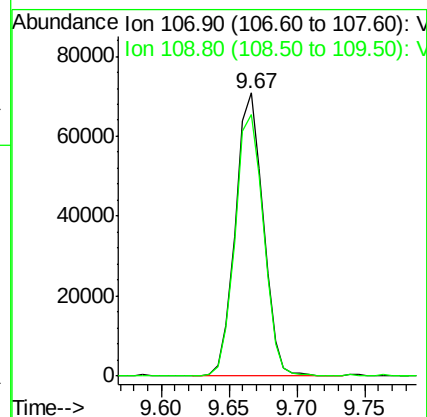
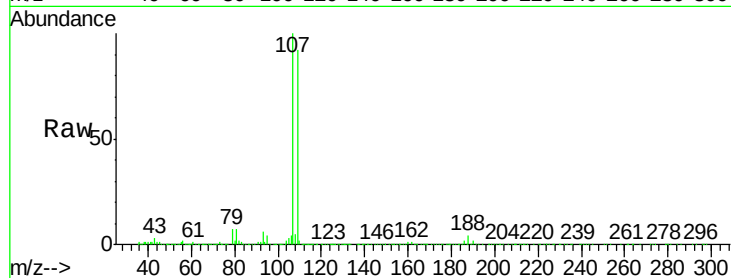
VX0114WBSD01

Tgt Ion: 107 Resp: 100386

Ion Ratio Lower Upper

107 100

109 95.4 76.5 114.7



#62

4-Bromofluorobenzene

Concen: 46.998 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

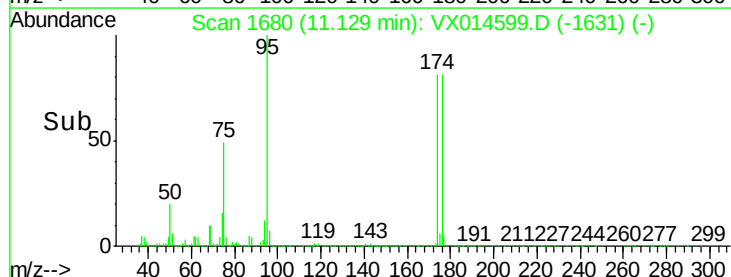
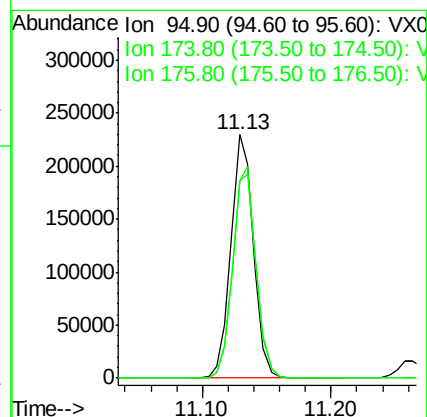
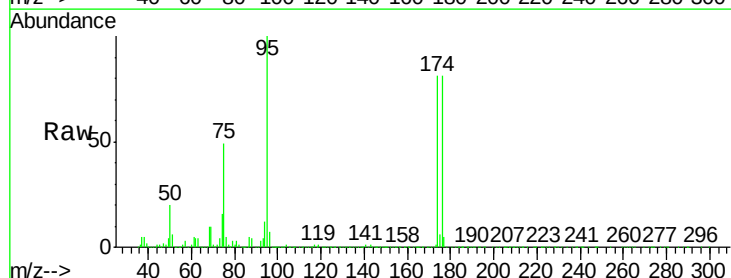
Tgt Ion: 95 Resp: 283438

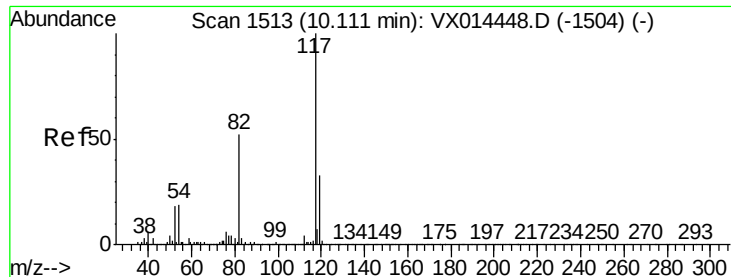
Ion Ratio Lower Upper

95 100

174 89.0 0.0 180.8

176 87.6 0.0 172.8

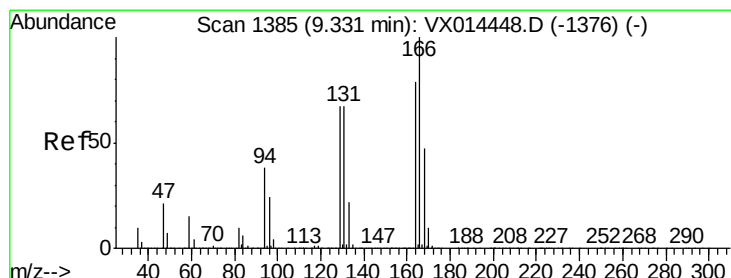
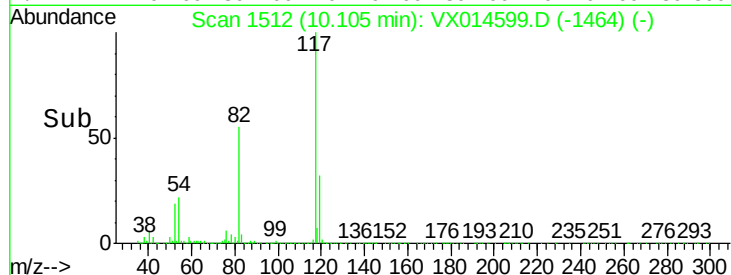
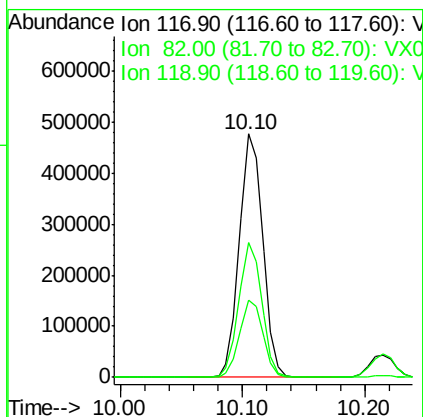
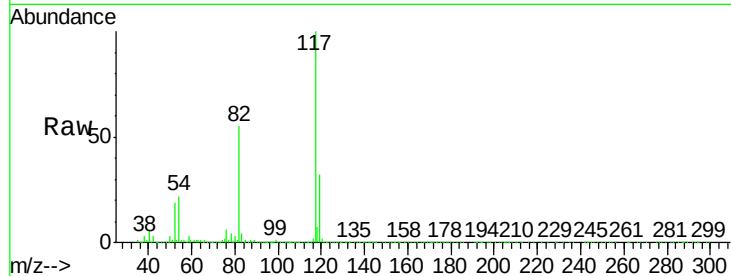




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

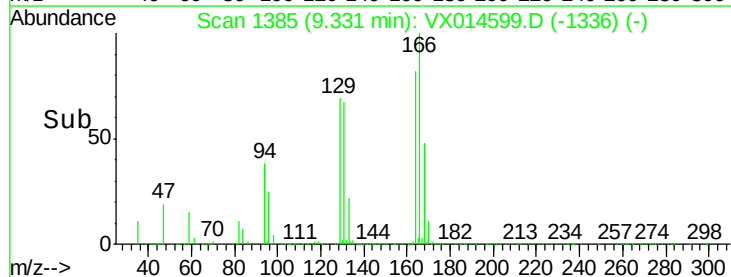
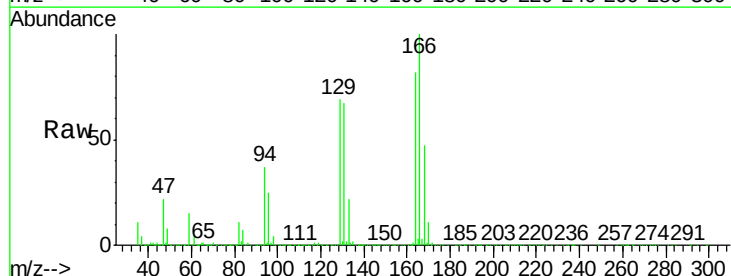
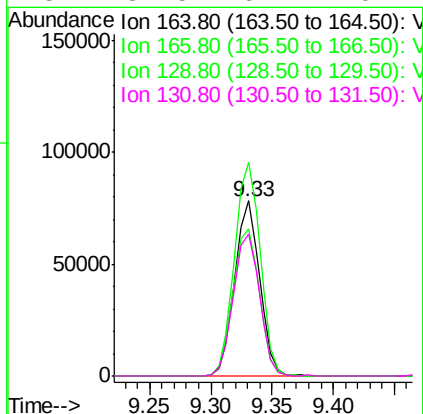
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

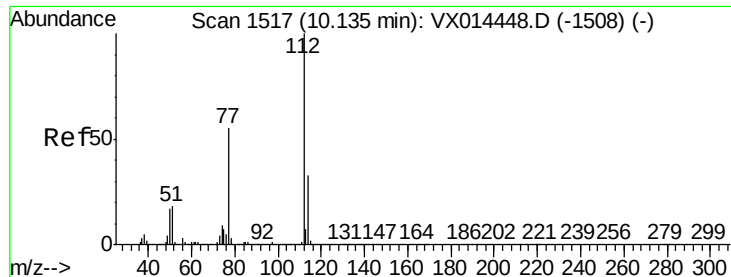
Tgt Ion:117 Resp: 634300
Ion Ratio Lower Upper
117 100
82 55.2 41.8 62.6
119 31.9 26.2 39.4



#64
Tetrachloroethene
Concen: 17.291 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion:164 Resp: 109919
Ion Ratio Lower Upper
164 100
166 122.0 101.2 151.8
129 84.1 68.3 102.5
131 81.5 67.4 101.2

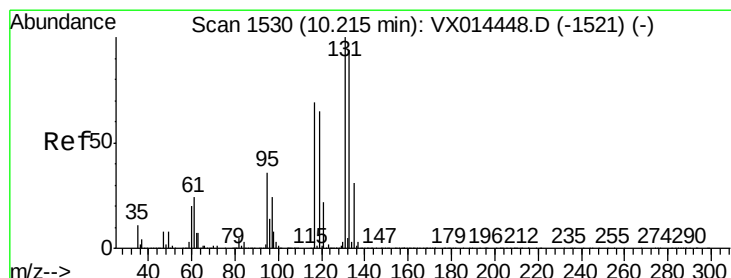
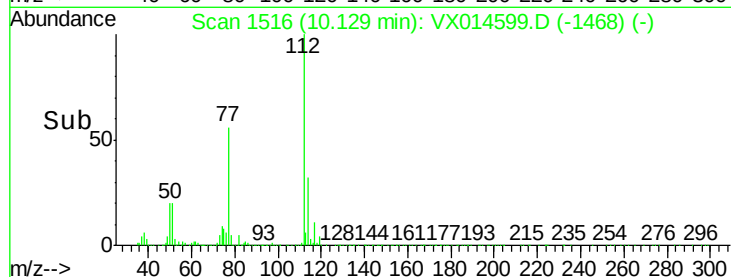
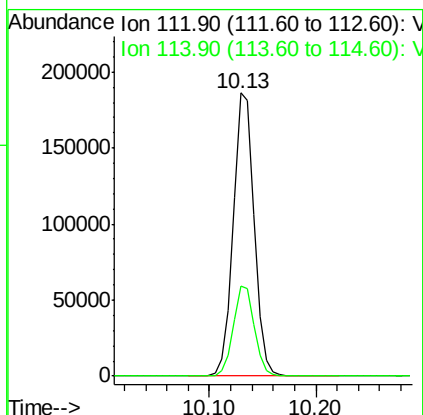
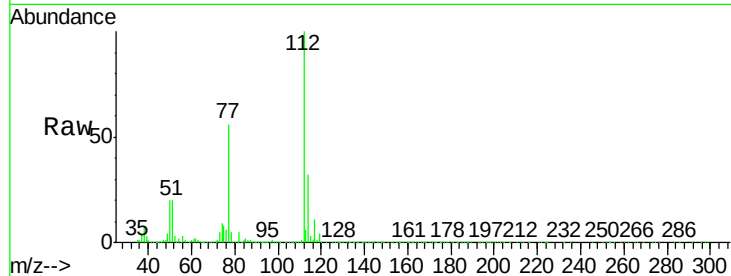




#65
Chlorobenzene
Concen: 18.685 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

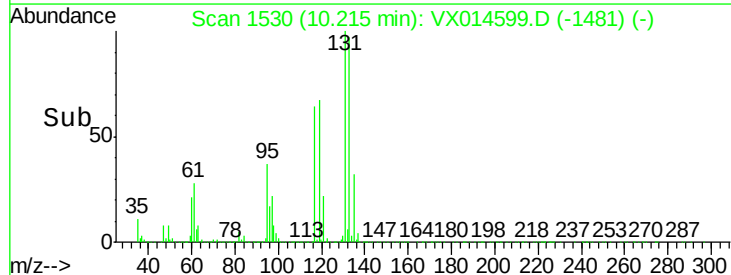
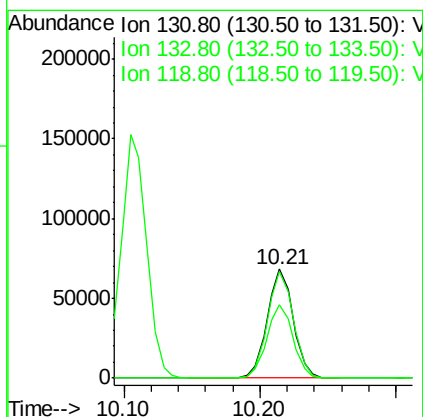
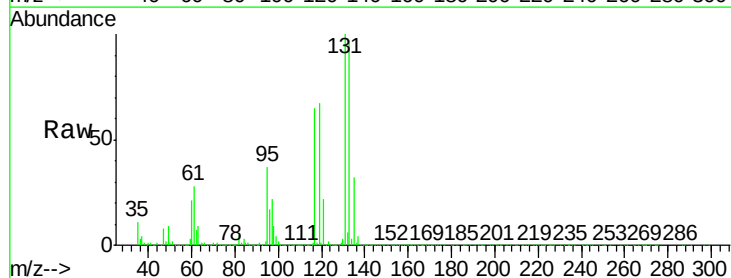
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

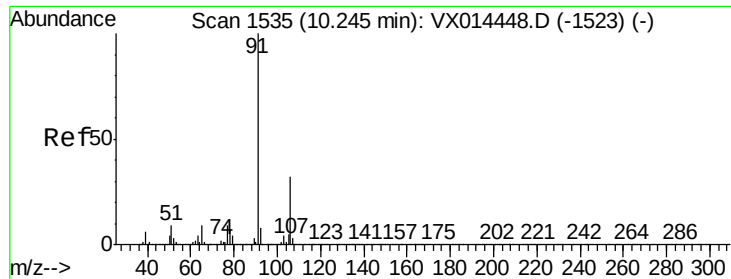
Tgt Ion:112 Resp: 257206
Ion Ratio Lower Upper
112 100
114 31.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.736 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion:131 Resp: 92038
Ion Ratio Lower Upper
131 100
133 96.3 47.3 142.0
119 67.6 32.8 98.4





#67

Ethyl Benzene

Concen: 18.896 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

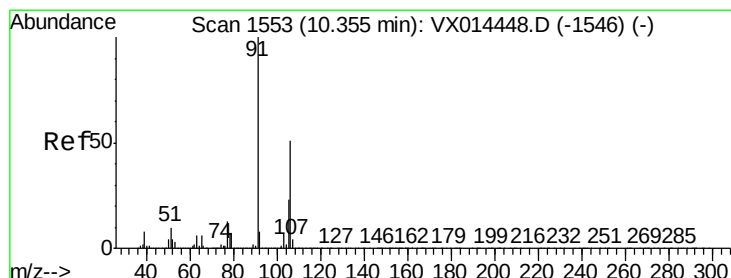
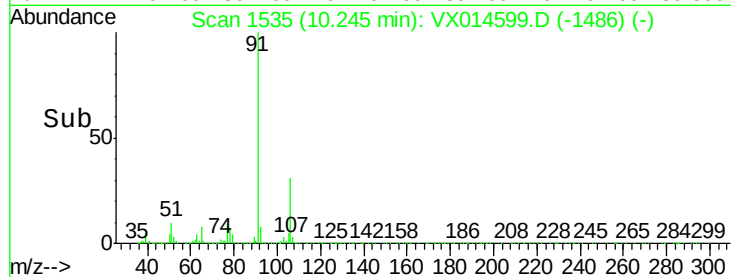
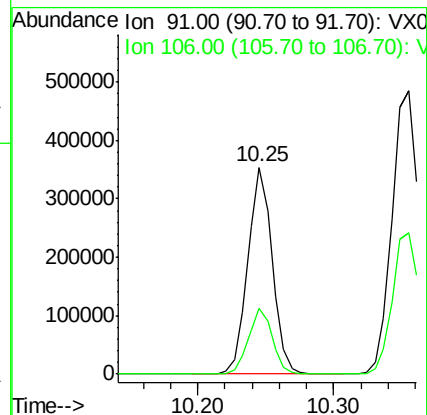
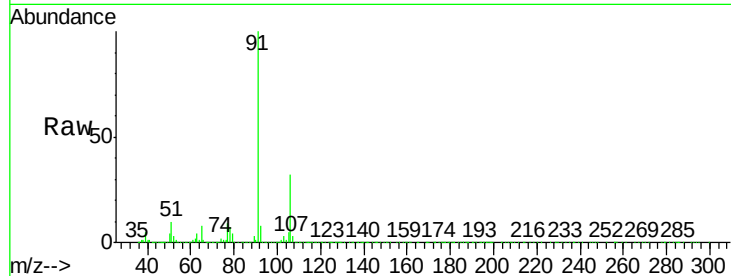
VX0114WBSD01

Tgt Ion: 91 Resp: 443350

Ion Ratio Lower Upper

91 100

106 31.4 25.6 38.4



#68

m/p-Xylenes

Concen: 37.025 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014599.D

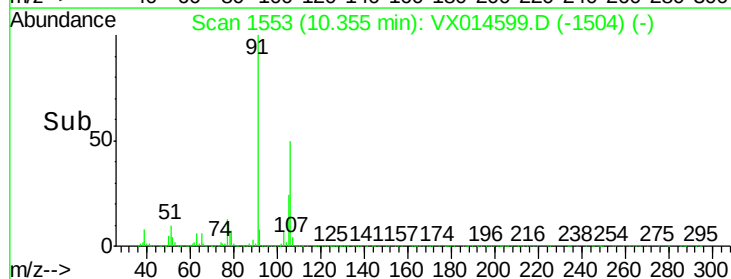
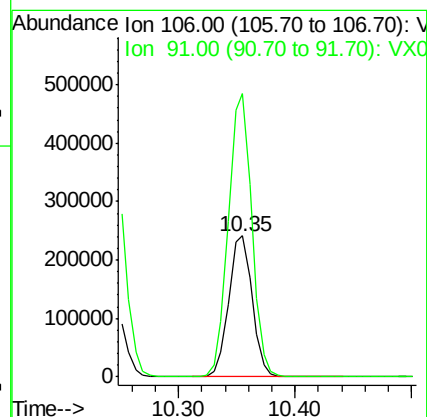
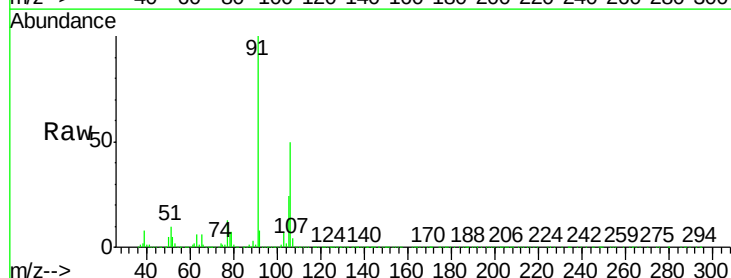
Acq: 14 Jan 2020 11:46

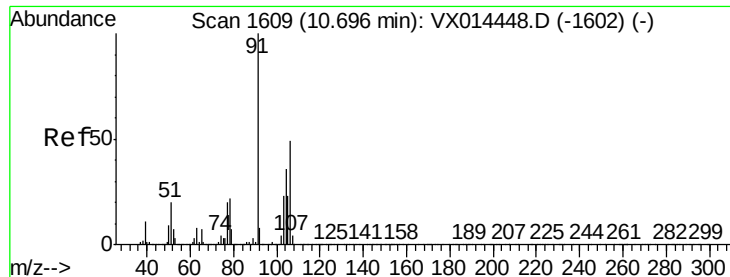
Tgt Ion: 106 Resp: 335139

Ion Ratio Lower Upper

106 100

91 201.1 157.4 236.0

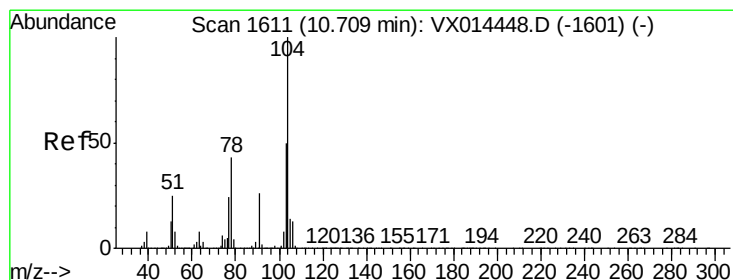
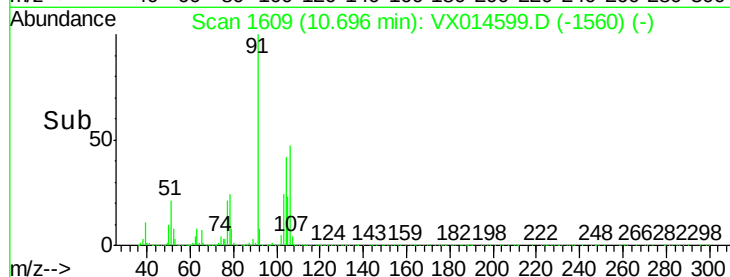
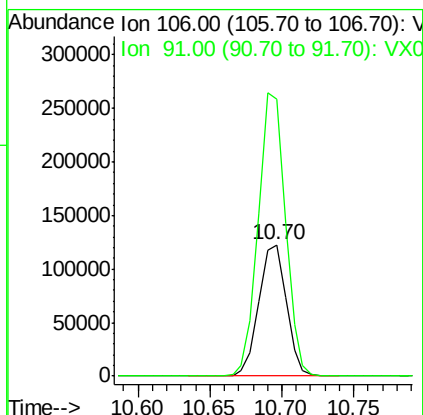
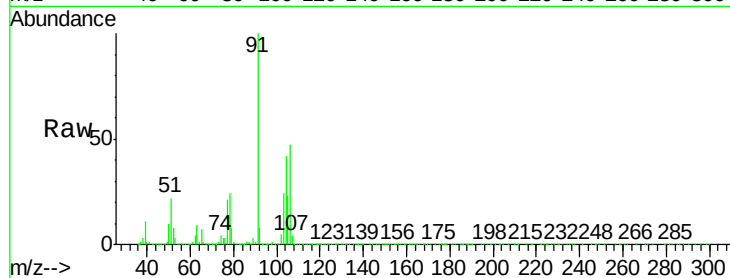




#69
o-Xylene
Concen: 18.740 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

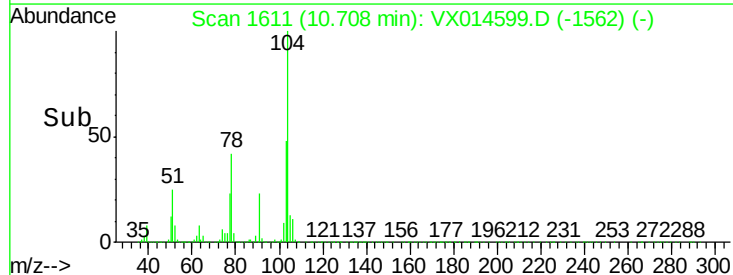
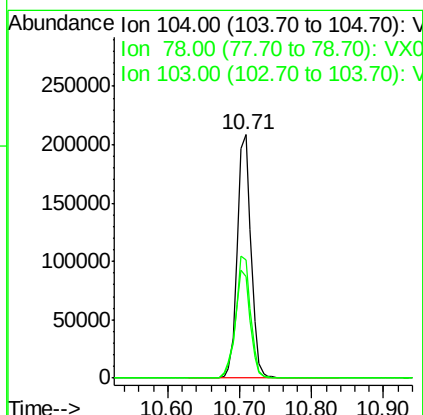
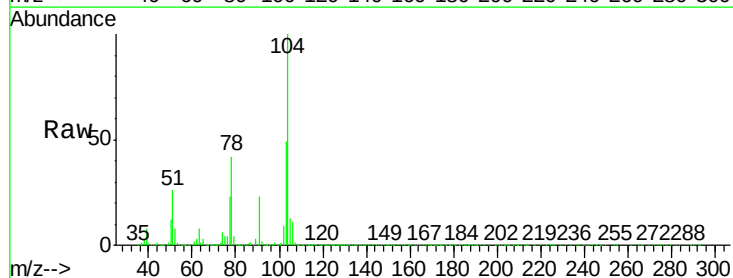
Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

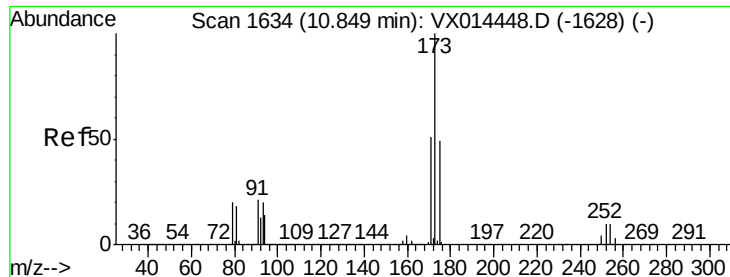
Tgt Ion:106 Resp: 161844
Ion Ratio Lower Upper
106 100
91 213.3 105.1 315.1



#70
Styrene
Concen: 18.588 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion:104 Resp: 277035
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 53.6 43.7 65.5





#71

Bromoform

Concen: 18.120 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampled :

VX0114WBSD01

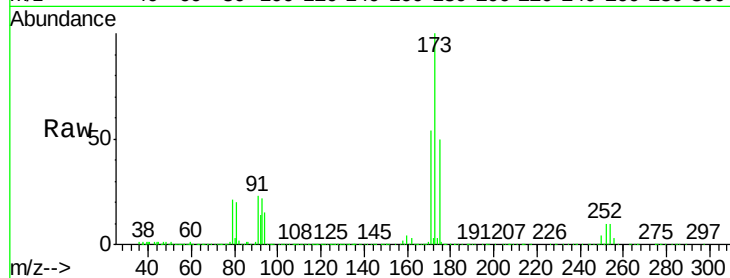
Tgt Ion:173 Resp: 72829

Ion Ratio Lower Upper

173 100

175 49.7 24.3 72.8

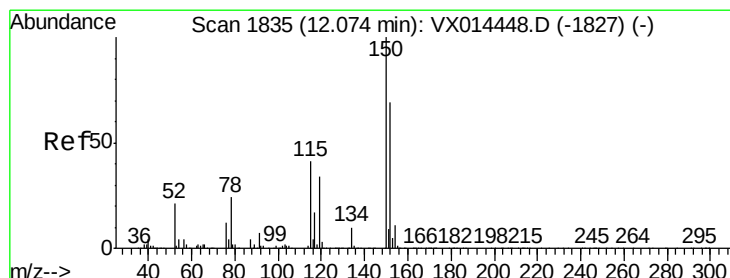
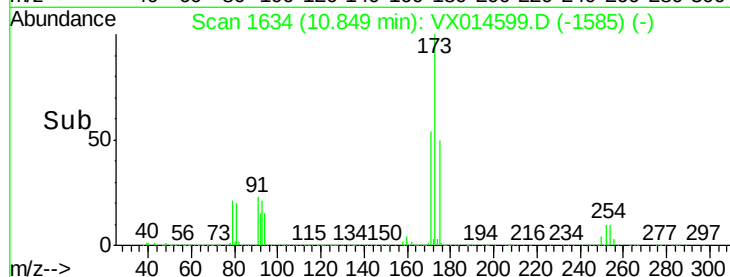
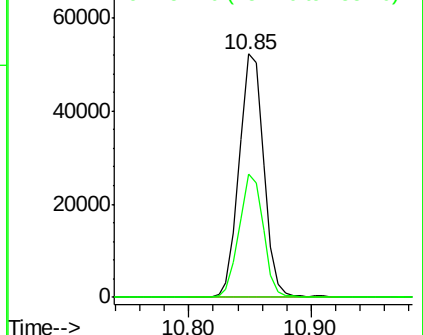
254 0.1 0.2 0.2#



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: VX014599.D

Acq: 14 Jan 2020 11:46

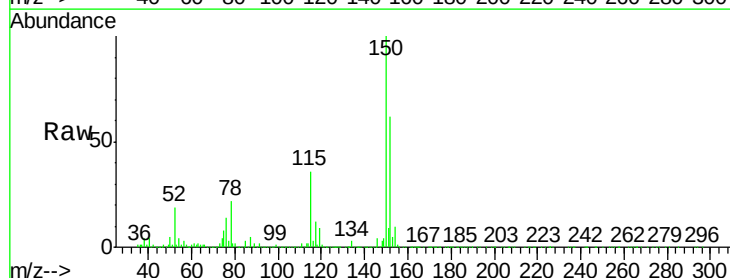
Tgt Ion:152 Resp: 316133

Ion Ratio Lower Upper

152 100

115 65.7 39.5 118.3

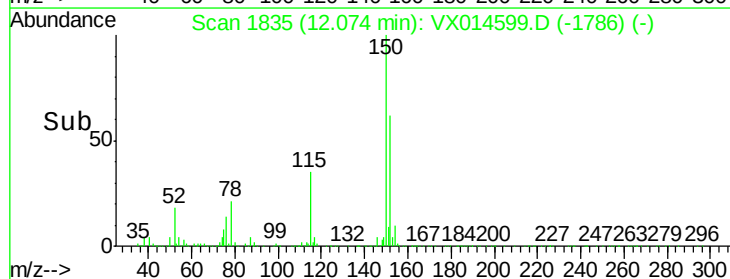
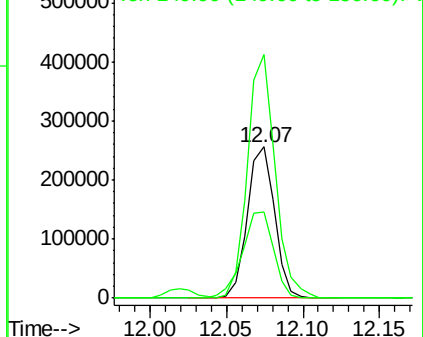
150 163.5 0.0 350.2

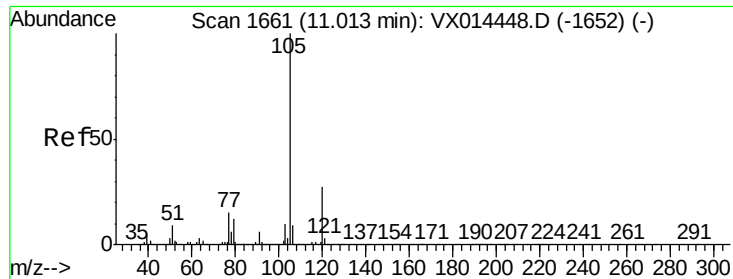


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.506 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

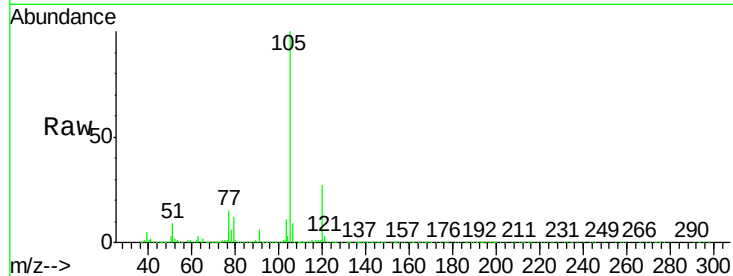
VX0114WBSD01

Tgt Ion: 105 Resp: 433011

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

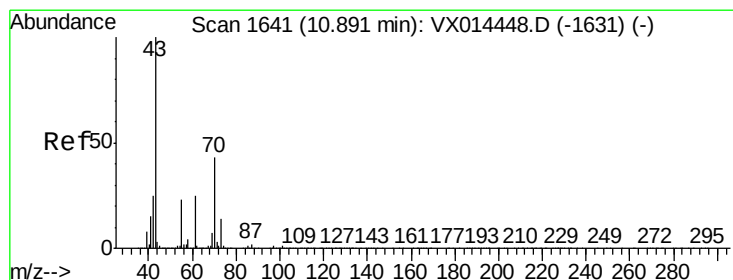
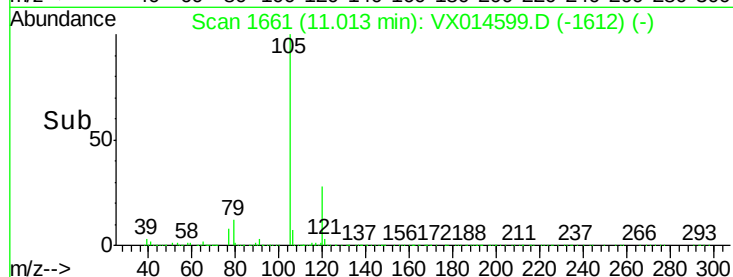
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.079 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion: 43 Resp: 186857

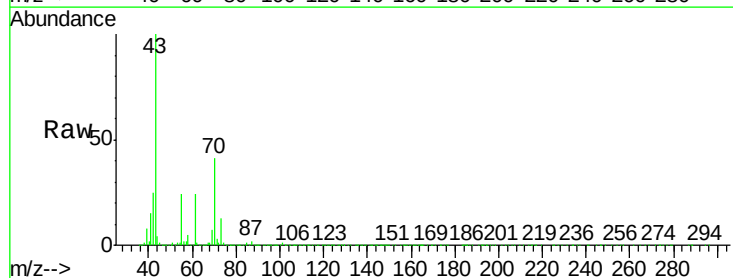
Ion Ratio Lower Upper

43 100

70 43.0 35.1 52.7

55 24.0 19.3 28.9

61 23.9 20.0 30.0



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

10.89

250000

200000

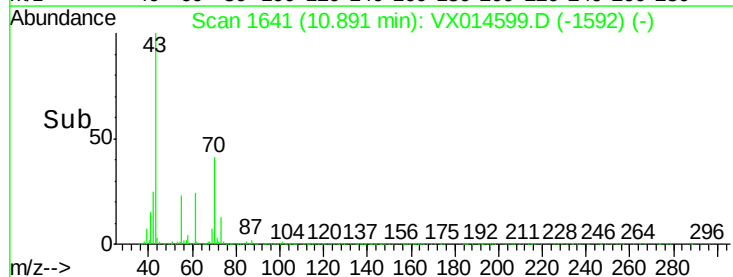
150000

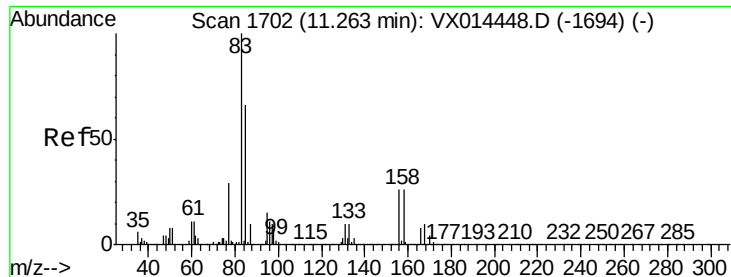
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.343 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

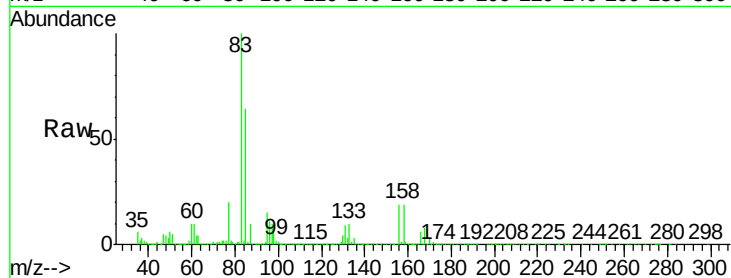
Tgt Ion: 83 Resp: 144829

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.4

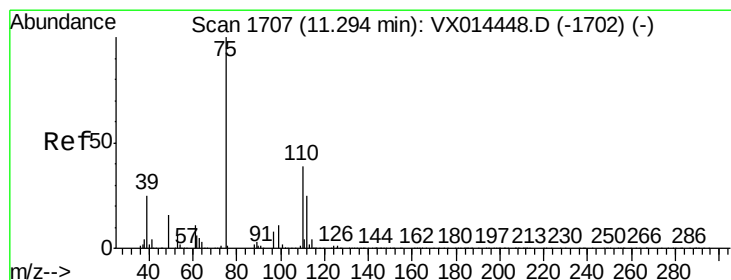
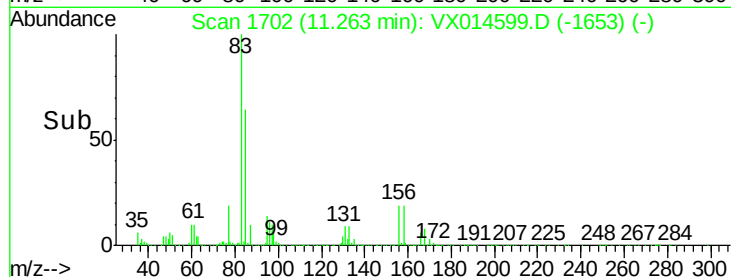
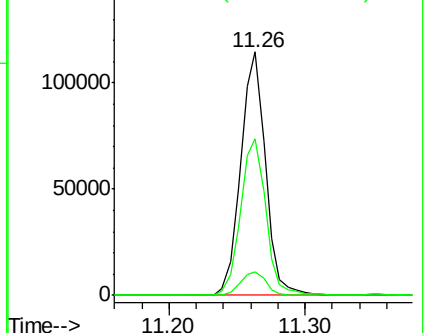
85 65.5 32.5 97.4



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: 25.004 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014599.D

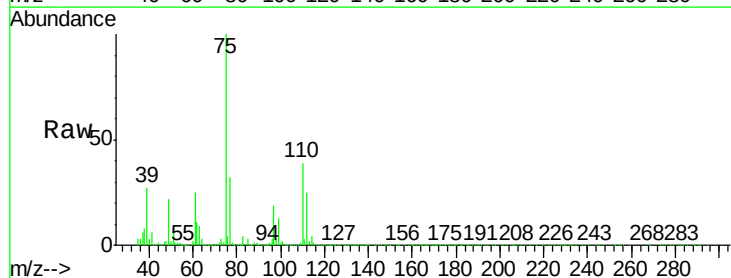
Acq: 14 Jan 2020 11:46

Tgt Ion: 75 Resp: 163548

Ion Ratio Lower Upper

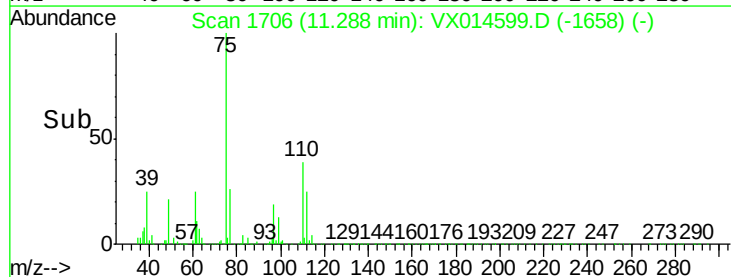
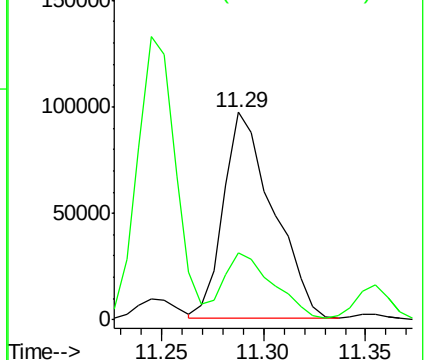
75 100

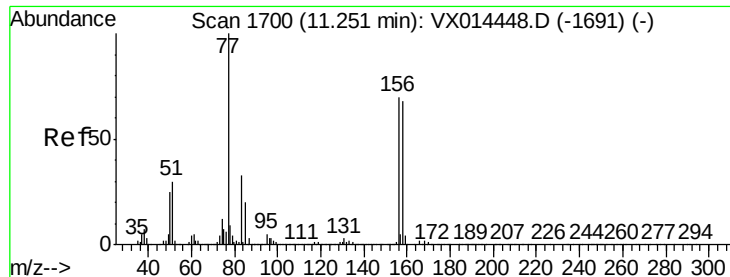
77 32.7 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.666 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampled :

VX0114WBSD01

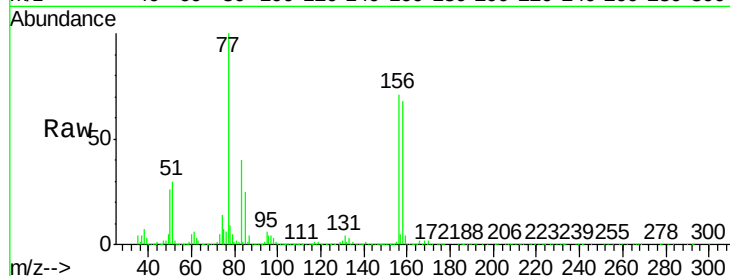
Tgt Ion: 156 Resp: 114914

Ion Ratio Lower Upper

156 100

77 149.1 75.4 226.3

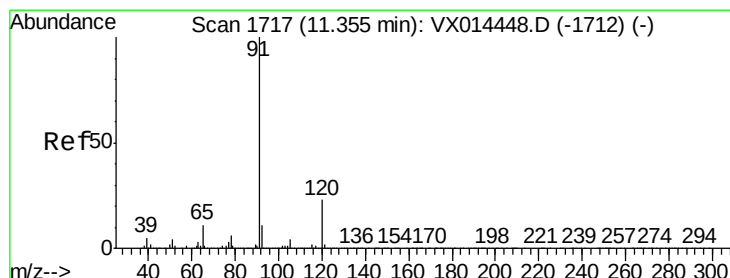
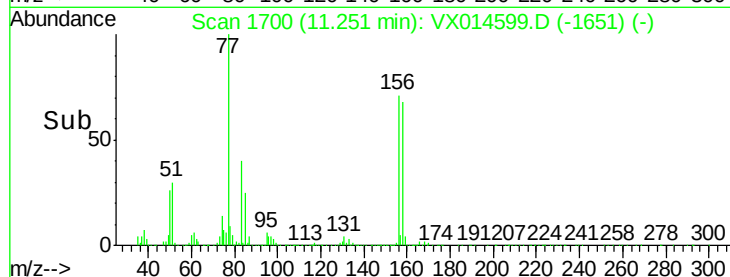
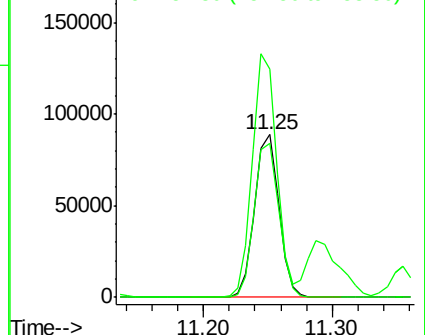
158 96.8 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.466 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014599.D

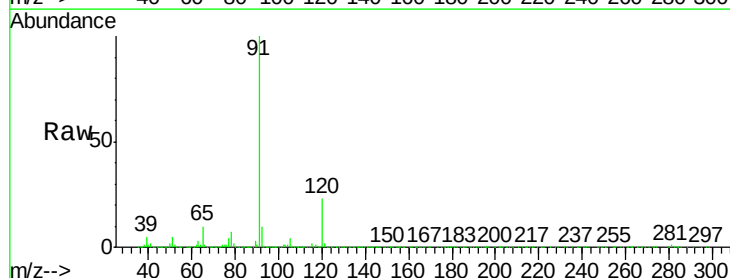
Acq: 14 Jan 2020 11:46

Tgt Ion: 91 Resp: 494911

Ion Ratio Lower Upper

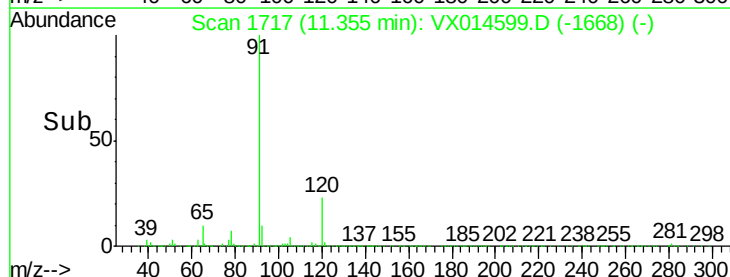
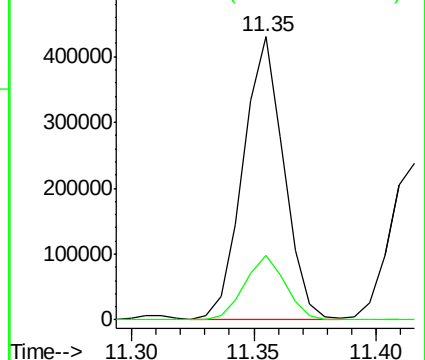
91 100

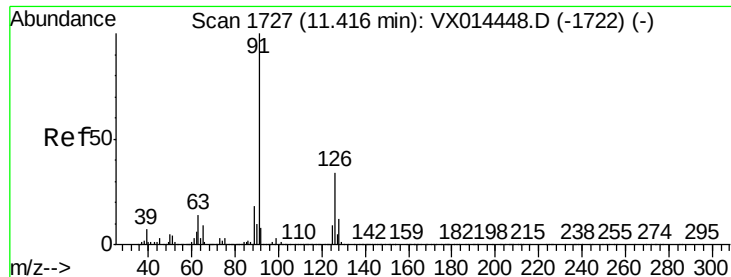
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

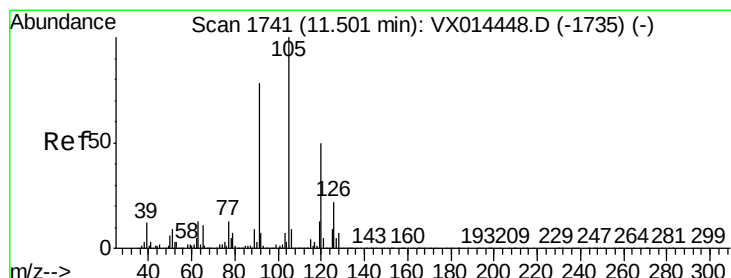
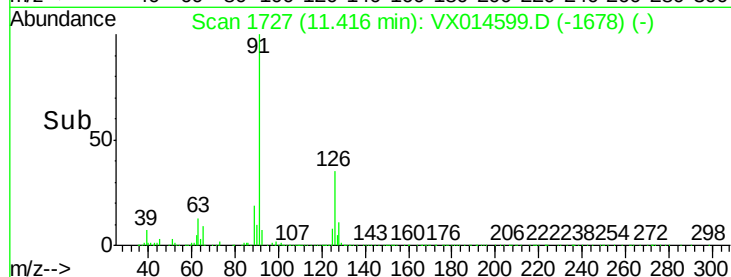
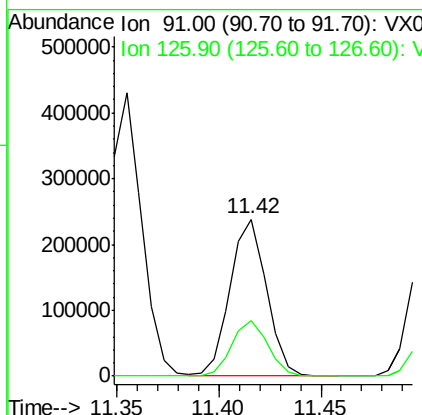
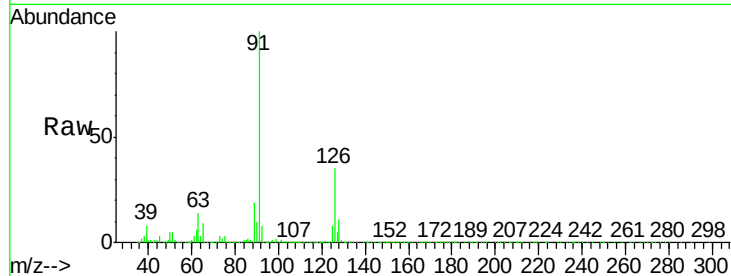




#79
 2-Chlorotoluene
 Concen: 19.441 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

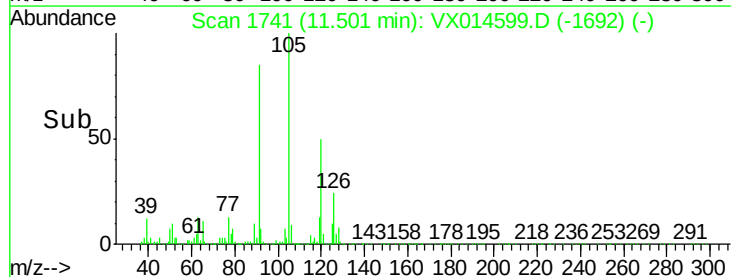
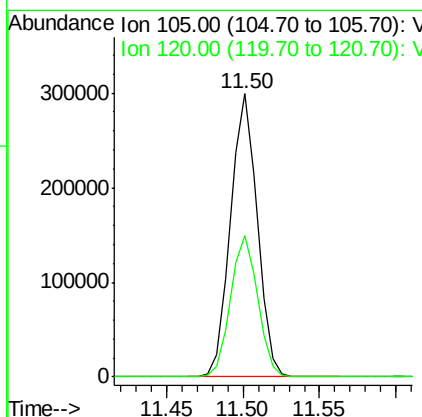
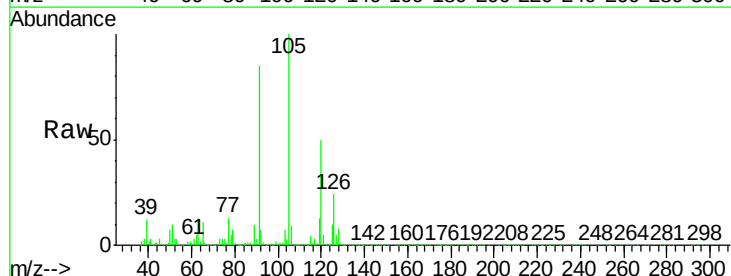
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

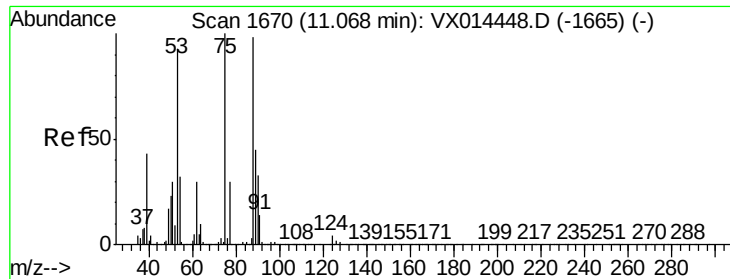
Tgt Ion: 91 Resp: 294581
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.587 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion: 105 Resp: 360997
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 17.837 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

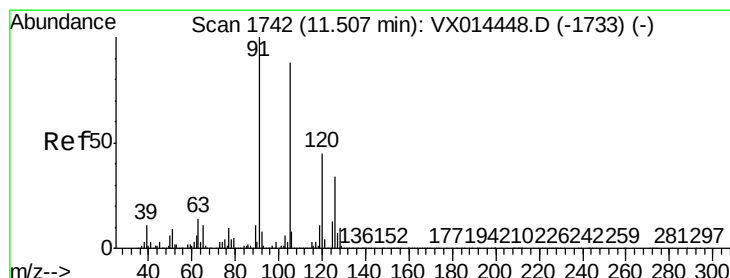
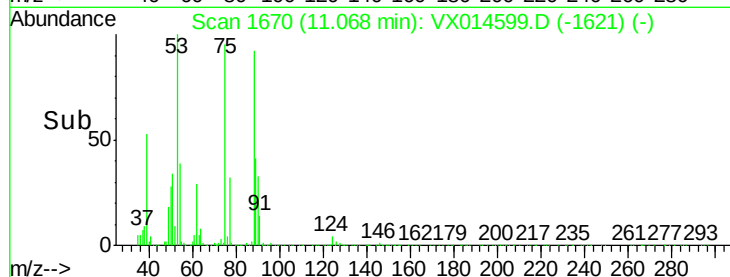
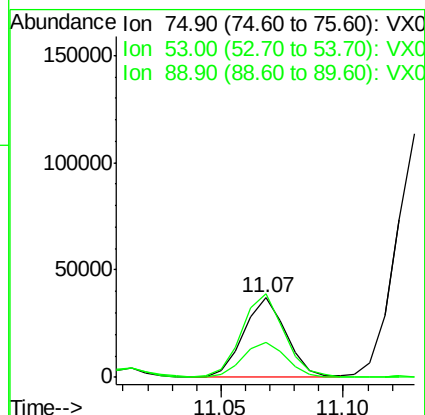
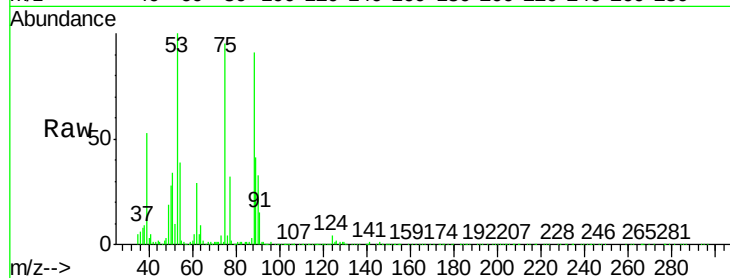
Tgt Ion: 75 Resp: 44130

Ion Ratio Lower Upper

75 100

53 106.1 74.8 112.2

89 47.2 36.3 54.5



#82

4-Chlorotoluene

Concen: 19.018 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX014599.D

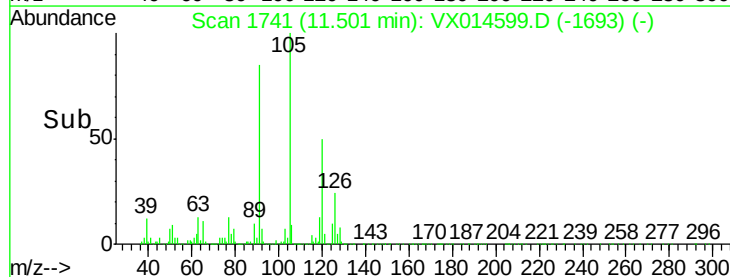
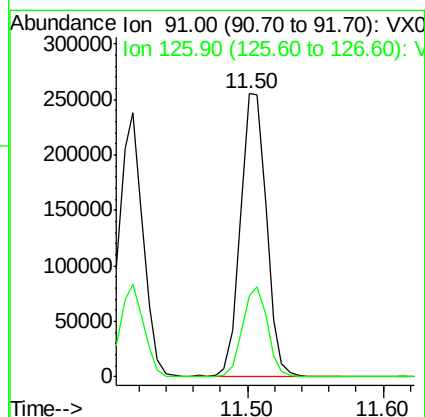
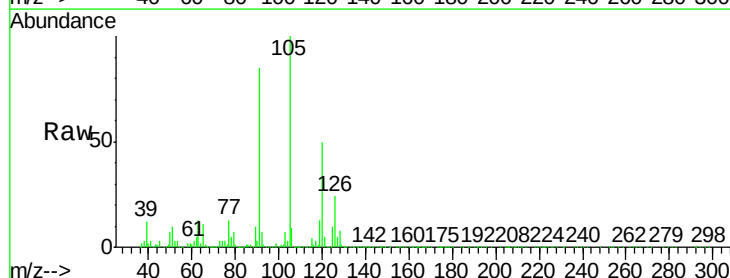
Acq: 14 Jan 2020 11:46

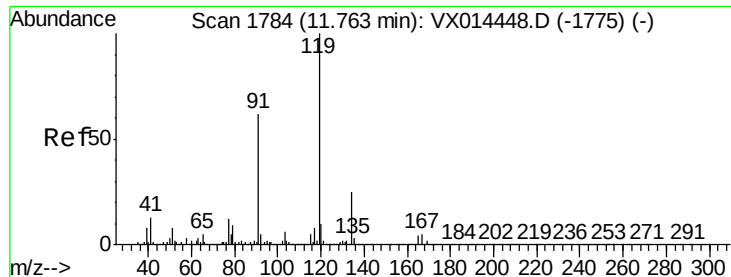
Tgt Ion: 91 Resp: 338257

Ion Ratio Lower Upper

91 100

126 30.7 15.9 47.7

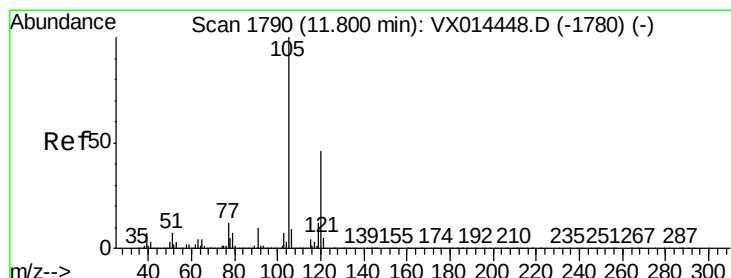
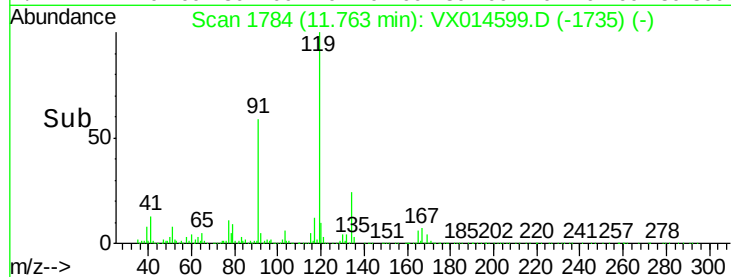
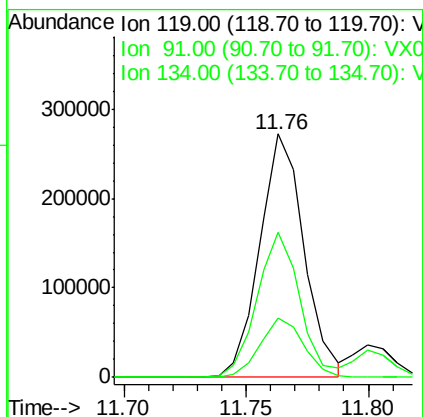
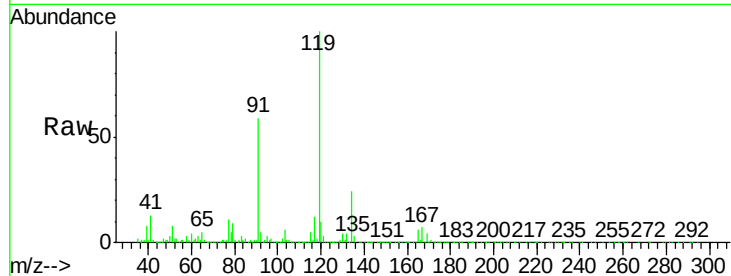




#83
 tert-Butylbenzene
 Concen: 19.760 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

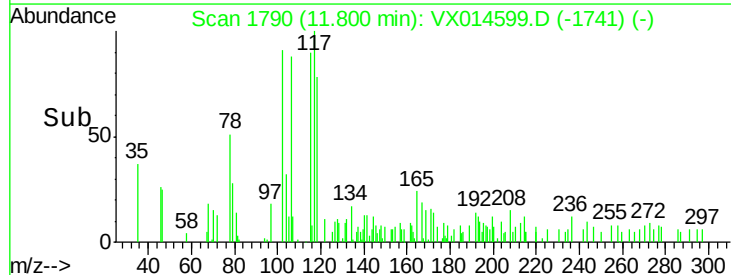
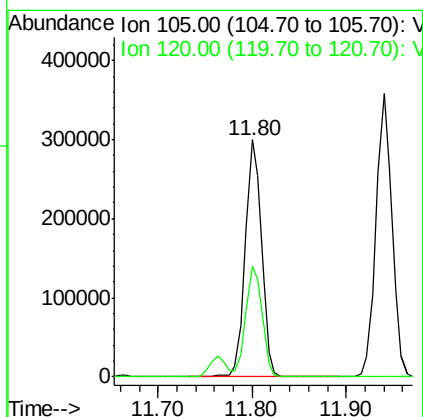
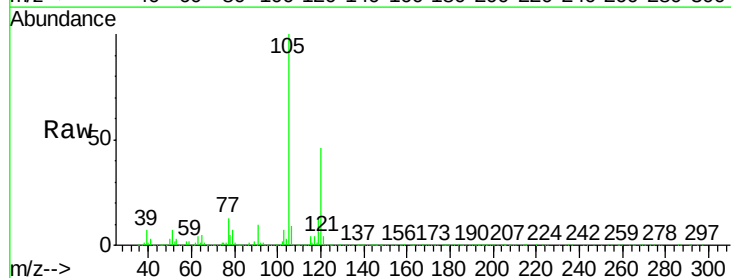
Instrument :
 MSVOA_X
 ClientSampled :
 VX0114WBSD01

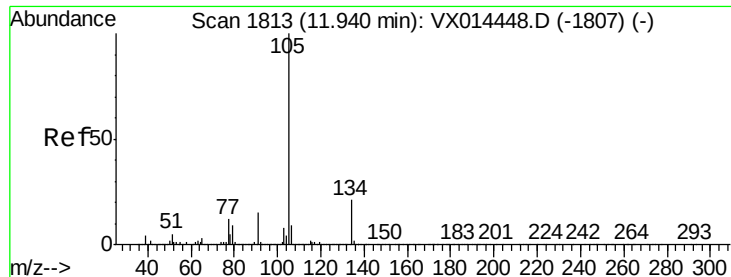
Tgt Ion:119 Resp: 344112
 Ion Ratio Lower Upper
 119 100
 91 57.5 29.3 88.0
 134 23.9 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.477 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion:105 Resp: 362739
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.3





#85

sec-Butylbenzene

Concen: 19.468 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

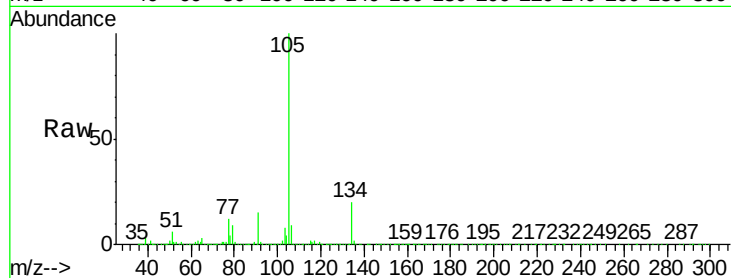
VX0114WBSD01

Tgt Ion:105 Resp: 421451

Ion Ratio Lower Upper

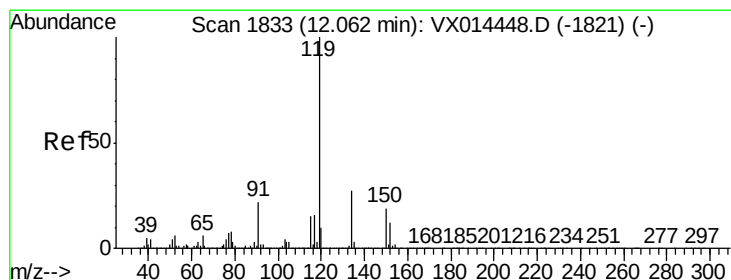
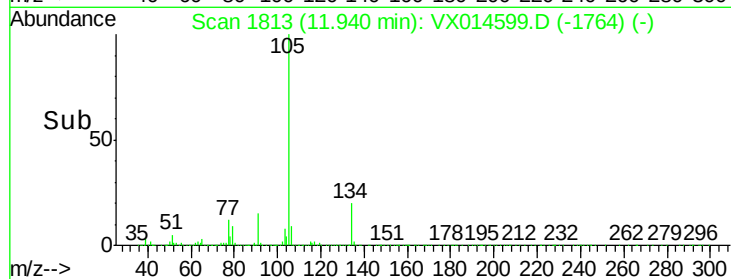
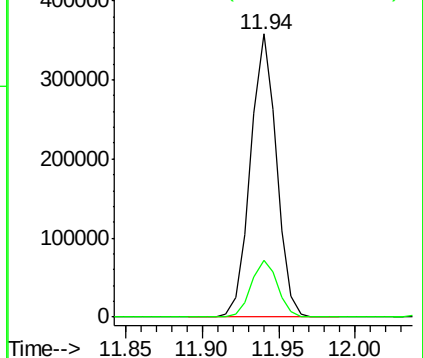
105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.297 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

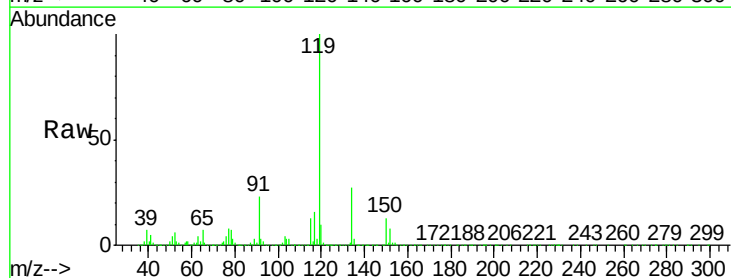
Tgt Ion:119 Resp: 387656

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

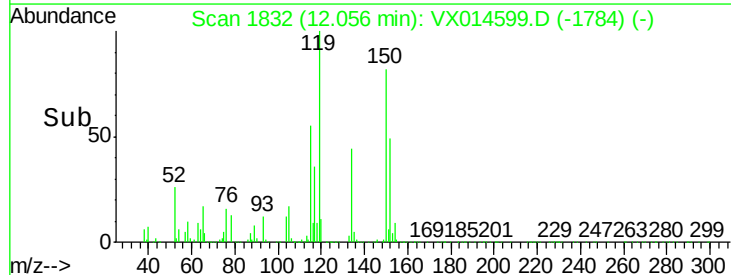
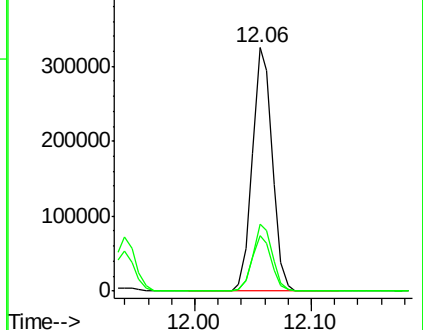
91 22.4 11.1 33.3

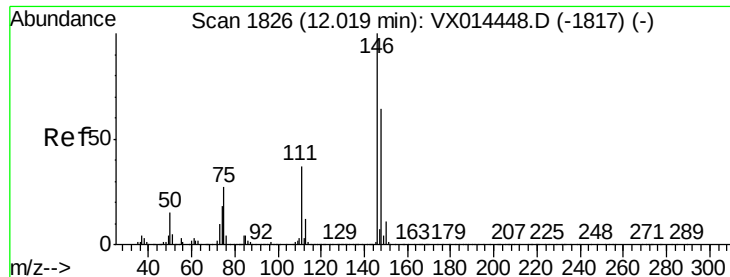


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.030 ug/l

RT: 12.02 min Scan# 1826

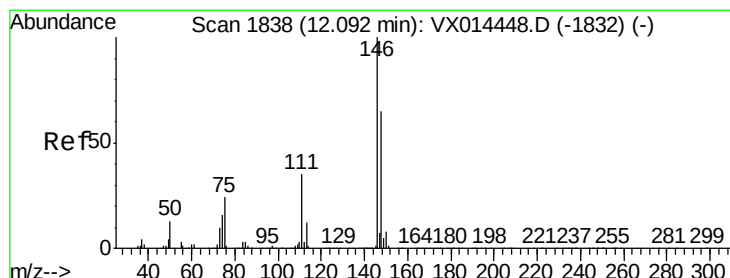
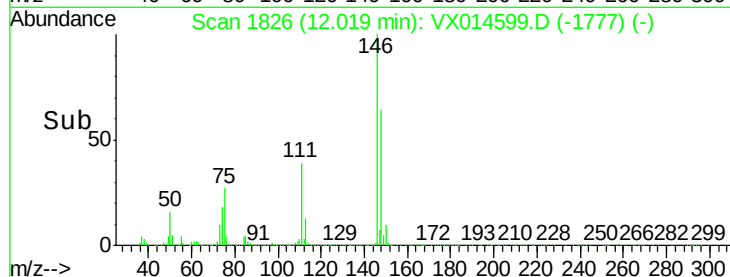
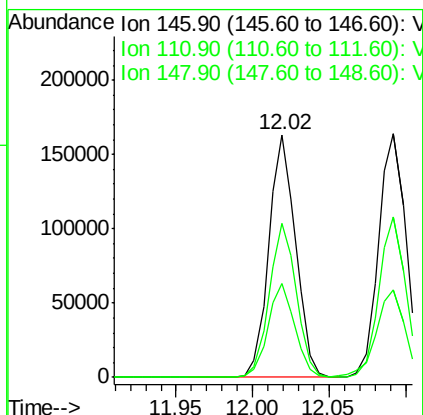
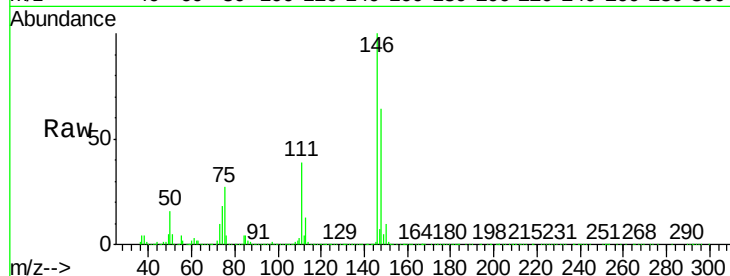
Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.7
148	64.0	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 19.198 ug/l

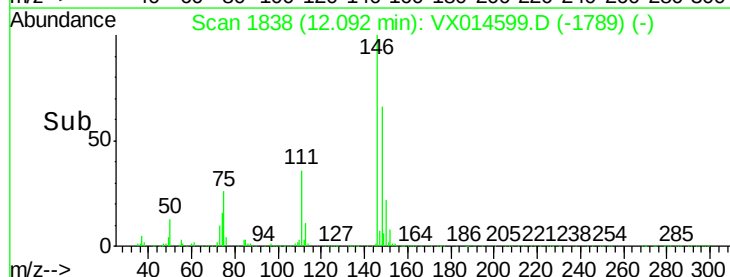
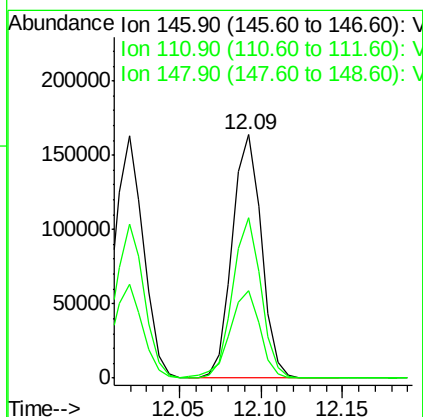
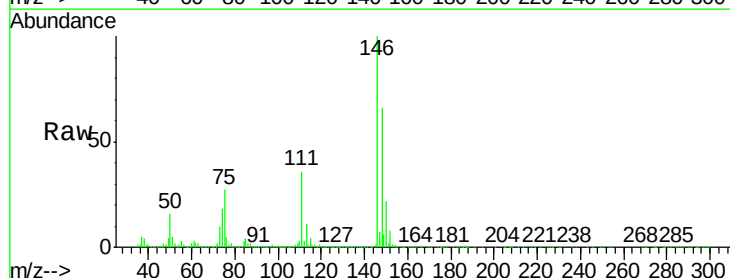
RT: 12.09 min Scan# 1838

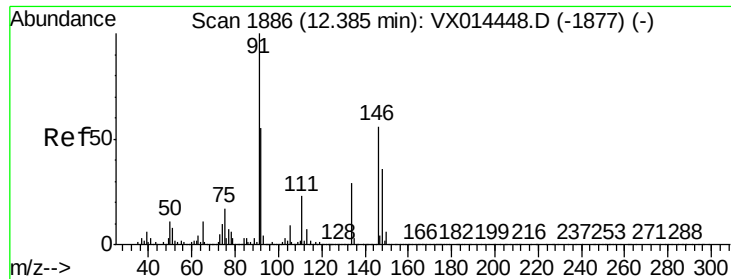
Delta R.T. 0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	64.5	32.1	96.3

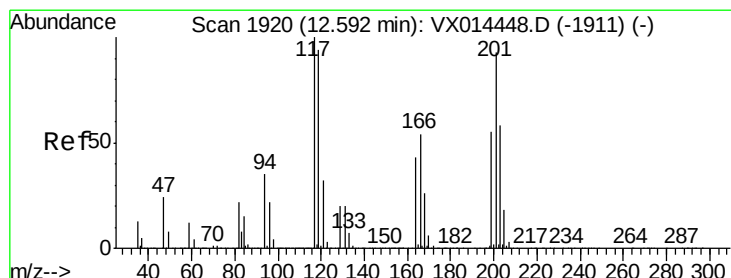
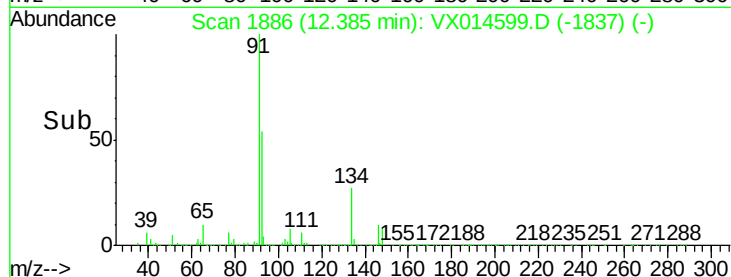
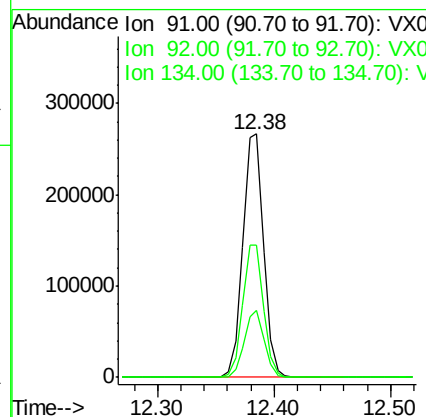
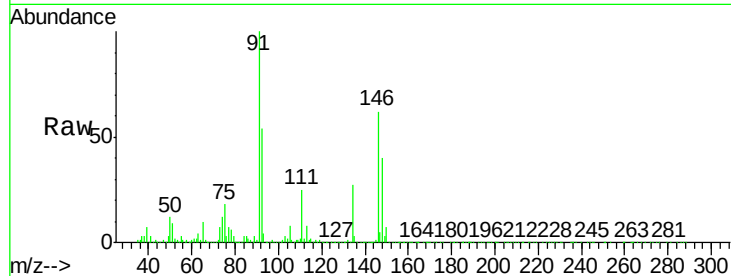




#89
n-Butylbenzene
Concen: 18.034 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

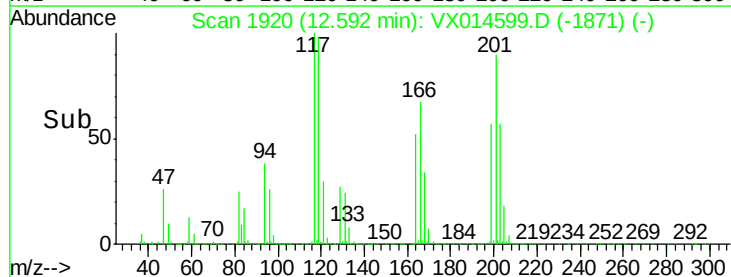
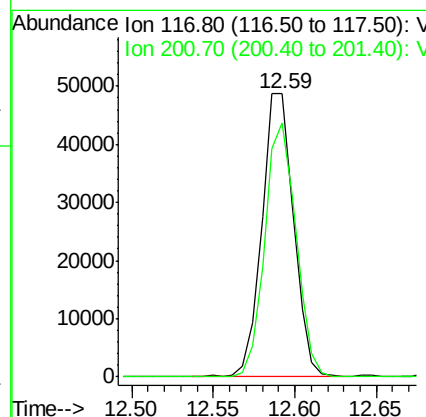
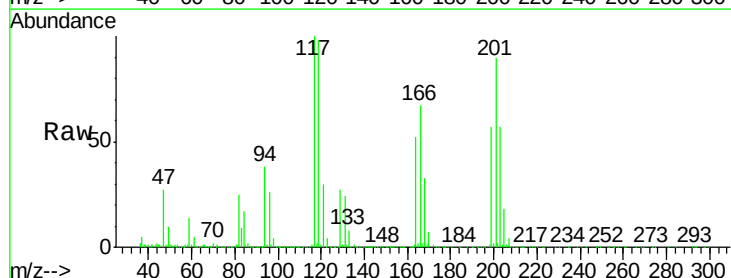
Instrument :
MSVOA_X
ClientSampled :
VX0114WBSD01

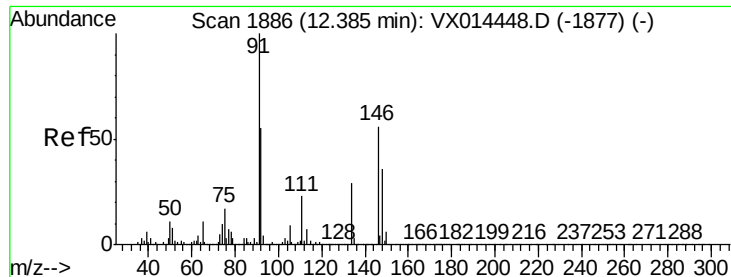
Tgt Ion: 91 Resp: 331250
Ion Ratio Lower Upper
91 100
92 54.3 27.4 82.2
134 26.5 13.9 41.7



#90
Hexachloroethane
Concen: 18.603 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion: 117 Resp: 65646
Ion Ratio Lower Upper
117 100
201 88.6 44.8 134.3

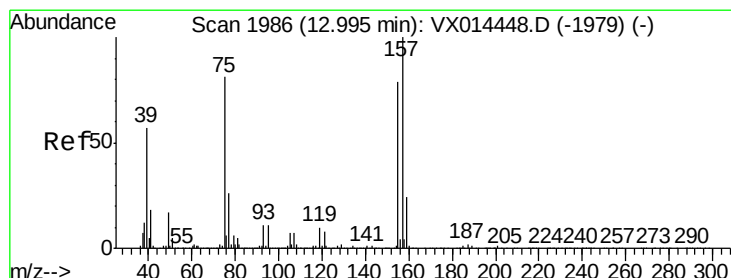
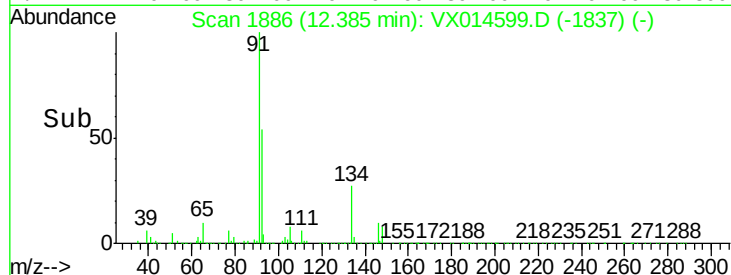
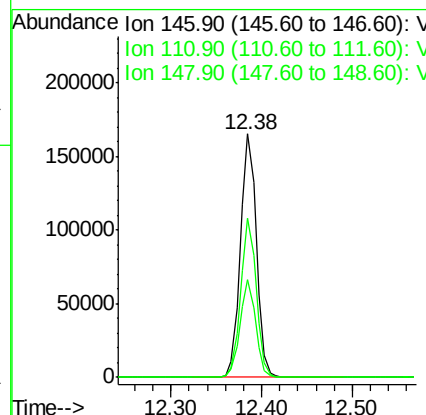
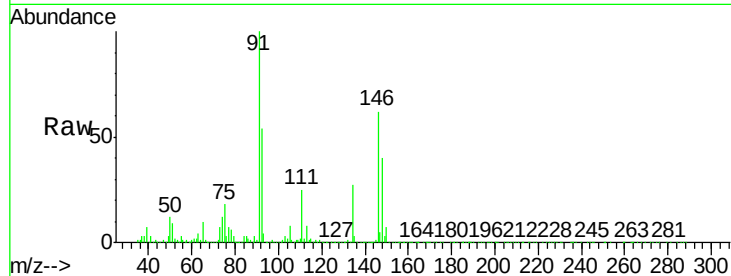




#91
 1,2-Dichlorobenzene
 Concen: 18.699 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

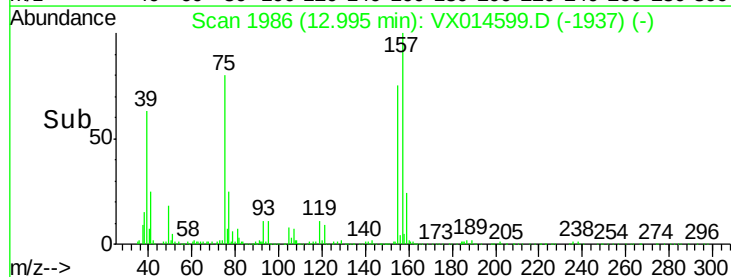
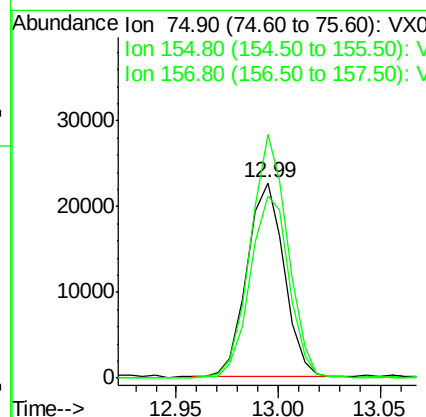
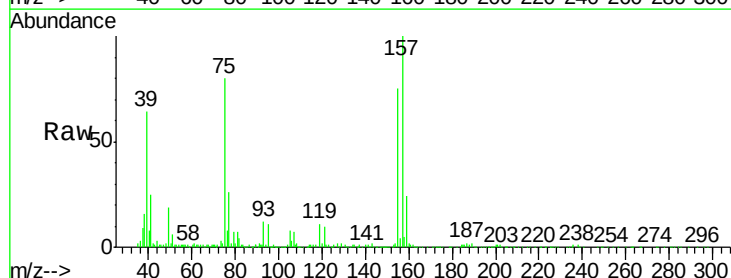
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

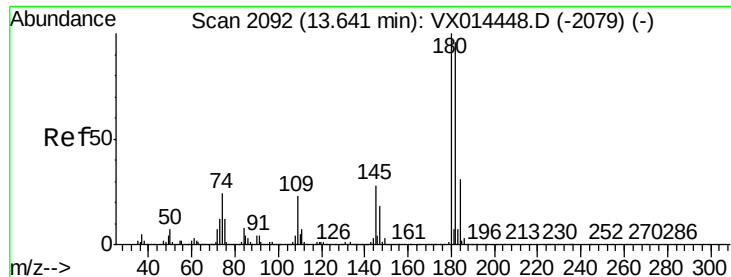
Tgt Ion: 146 Resp: 202412
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.8 59.4
 148 63.5 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.838 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion: 75 Resp: 28565
 Ion Ratio Lower Upper
 75 100
 155 99.3 48.7 146.1
 157 126.4 62.0 185.9

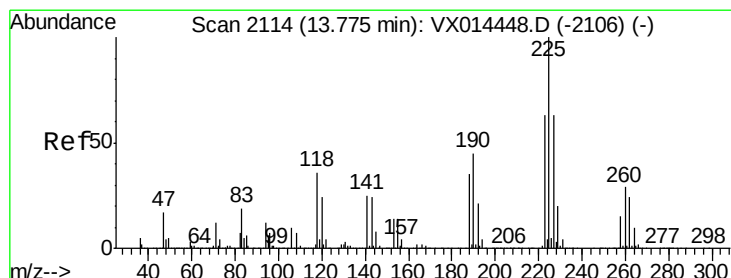
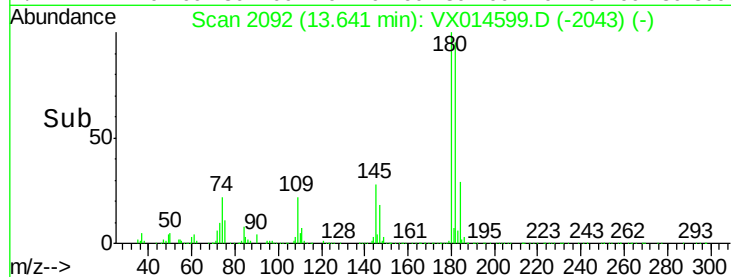
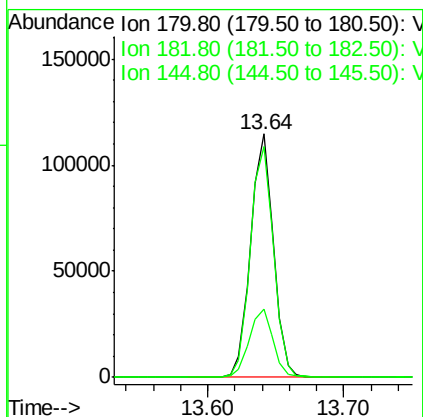
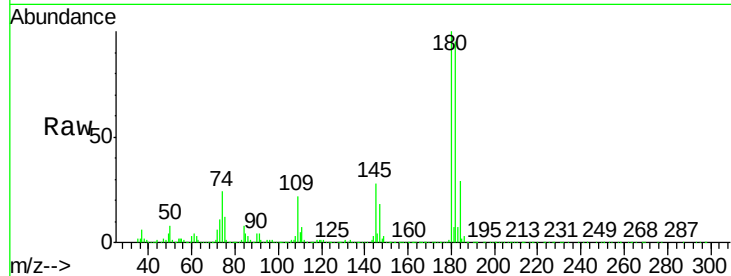




#93
 1,2,4-Trichlorobenzene
 Concen: 17.687 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

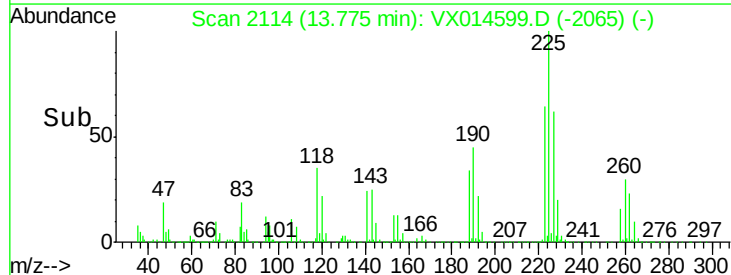
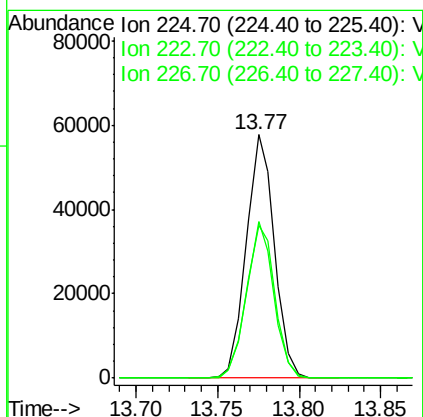
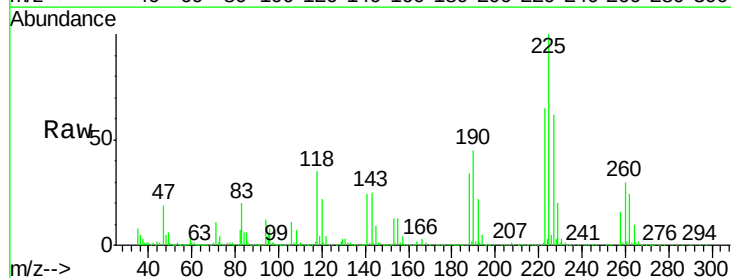
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

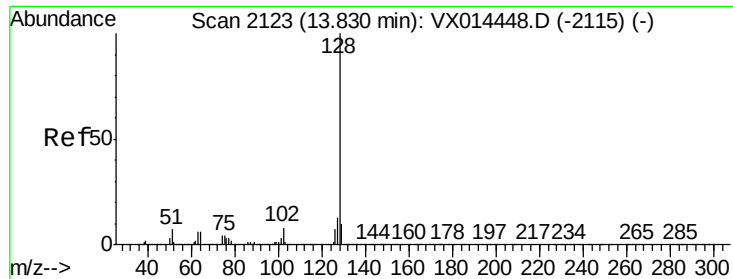
Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.5	142.5
145	29.2	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 19.615 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.1	93.2
227	63.6	31.4	94.2

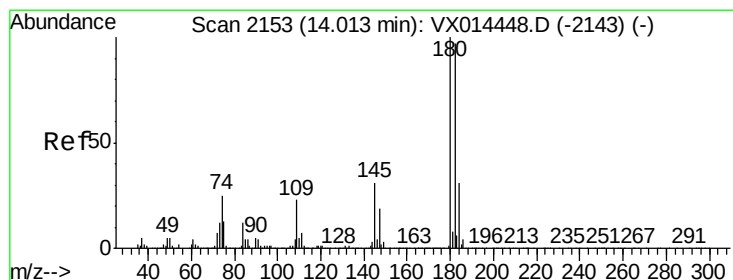
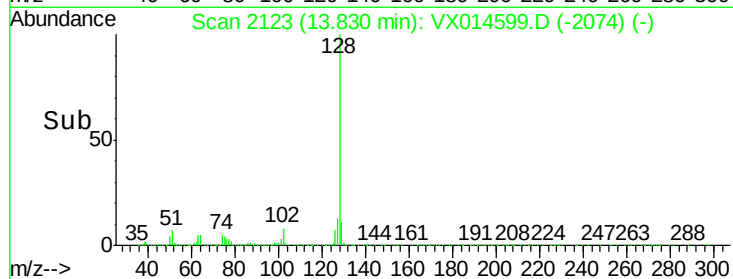
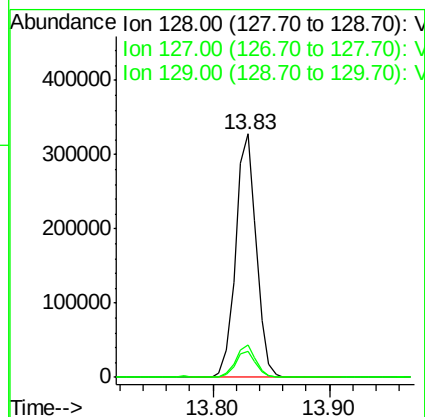
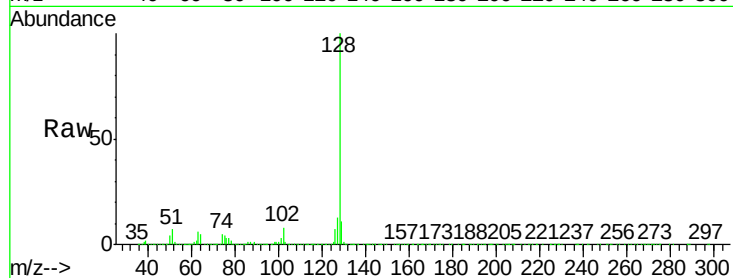




#95
Naphthalene
Concen: 17.086 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tgt Ion:128 Resp: 402892
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.222 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion:180 Resp: 137146
Ion Ratio Lower Upper
180 100
182 96.3 47.9 143.6
145 30.1 14.8 44.3

