

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090920\
 Data File : VX018314.D
 Acq On : 09 Sep 2020 12:05
 Operator : JC/SP
 Sample : VX0909WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBSD01

Quant Time: Sep 09 15:03:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	406598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	620487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	583914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	322766	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	282715	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	5.46	113	212711	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.70	98	751850	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.12	95	295757	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	87834	17.743	ug/l 99
3) Chloromethane	1.31	50	83841	16.064	ug/l 100
4) Vinyl Chloride	1.39	62	84288	16.224	ug/l 99
5) Bromomethane	1.63	94	61296	24.460	ug/l 94
6) Chloroethane	1.72	64	48772	17.478	ug/l 100
7) Trichlorofluoromethane	1.92	101	144567	20.407	ug/l 94
8) Diethyl Ether	2.17	74	45454	18.919	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74977	19.576	ug/l 99
10) Methyl Iodide	2.50	142	73261	21.275	ug/l 96
11) Tert butyl alcohol	3.01	59	95790	87.279	ug/l 100
12) 1,1-Dichloroethene	2.36	96	69810	17.569	ug/l 97
13) Acrolein	2.27	56	62080	136.416	ug/l 100
14) Allyl chloride	2.71	41	124011	17.371	ug/l 94
15) Acrylonitrile	3.11	53	219541	88.183	ug/l 98
16) Acetone	2.42	43	193986	88.196	ug/l 94
17) Carbon Disulfide	2.55	76	195165	16.248	ug/l 100
18) Methyl Acetate	2.75	43	107731	20.297	ug/l 97
19) Methyl tert-butyl Ether	3.17	73	262362	19.253	ug/l 97
20) Methylene Chloride	2.84	84	82985	17.698	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	78819	17.904	ug/l 94
22) Diisopropyl ether	3.82	45	258221	18.327	ug/l 97
23) Vinyl Acetate	3.78	43	1136073	90.615	ug/l 98
24) 1,1-Dichloroethane	3.67	63	149318	18.617	ug/l 95
25) 2-Butanone	4.63	43	297643	82.341	ug/l 97
26) 2,2-Dichloropropane	4.55	77	133169	20.406	ug/l 100
27) cis-1,2-Dichloroethene	4.57	96	87008	17.154	ug/l 96
28) Bromochloromethane	4.98	49	74002	19.115	ug/l 98
29) Tetrahydrofuran	5.09	42	192838	83.803	ug/l 98
30) Chloroform	5.17	83	154857	18.646	ug/l 97
31) Cyclohexane	5.54	56	112479	16.648	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	146768	19.257	ug/l 100
36) 1,1-Dichloropropene	5.76	75	109048	19.054	ug/l 99
37) Ethyl Acetate	4.79	43	120467	18.124	ug/l 98
38) Carbon Tetrachloride	5.75	117	133524	20.703	ug/l 95

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 Data File : VX018314.D
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 Sample : VX0909WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBSD01

Quant Time: Sep 09 15:03:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	114603	18.313	ug/l	94
40) Benzene	6.11	78	310310	18.453	ug/l	99
41) Methacrylonitrile	5.01	41	65238	17.875	ug/l	98
42) 1,2-Dichloroethane	6.16	62	134847	20.929	ug/l	99
43) Isopropyl Acetate	6.41	43	193350	18.009	ug/l	99
44) Trichloroethene	7.19	130	90294	19.003	ug/l	97
45) 1,2-Dichloropropane	7.49	63	86020	18.979	ug/l	98
46) Dibromomethane	7.64	93	63218	19.835	ug/l	97
47) Bromodichloromethane	7.87	83	126679	19.906	ug/l	98
48) Methyl methacrylate	7.74	41	96001	17.962	ug/l	97
49) 1,4-Dioxane	7.71	88	33351	344.495	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	612380	92.340	ug/l	99
52) Toluene	8.76	92	199075	18.669	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	136378	19.336	ug/l	93
54) cis-1,3-Dichloropropene	8.42	75	144113	19.288	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	85568	18.815	ug/l	96
56) Ethyl methacrylate	9.16	69	121941	18.036	ug/l	98
57) 1,3-Dichloropropane	9.35	76	142677	19.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	291624	95.887	ug/l	98
59) 2-Hexanone	9.47	43	452225	89.679	ug/l	99
60) Dibromochloromethane	9.56	129	105882	19.847	ug/l	98
61) 1,2-Dibromoethane	9.65	107	92903	18.816	ug/l	100
64) Tetrachloroethene	9.32	164	86855	20.241	ug/l	94
65) Chlorobenzene	10.12	112	224773	19.274	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	91651	19.940	ug/l	98
67) Ethyl Benzene	10.24	91	376061	18.962	ug/l	99
68) m/p-Xylenes	10.34	106	287240	38.804	ug/l	95
69) o-Xylene	10.68	106	136451	19.015	ug/l	100
70) Styrene	10.70	104	235642	19.283	ug/l	97
71) Bromoform	10.84	173	74591	19.026	ug/l #	95
73) Isopropylbenzene	11.00	105	378836	17.794	ug/l	99
74) N-amyl acetate	10.88	43	165728	16.406	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	129912	17.298	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	156666	21.820	ug/l	83
77) Bromobenzene	11.24	156	102965	17.496	ug/l	95
78) n-propylbenzene	11.34	91	431204	17.838	ug/l	100
79) 2-Chlorotoluene	11.40	91	262010	17.543	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	324306	18.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	43358	16.309	ug/l	93
82) 4-Chlorotoluene	11.49	91	316325	17.816	ug/l	99
83) tert-Butylbenzene	11.76	119	308057	17.842	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	329245	18.407	ug/l	100
85) sec-Butylbenzene	11.93	105	356730	18.169	ug/l	99
86) p-Isopropyltoluene	12.05	119	338868	18.789	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	184418	17.849	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	191649	18.525	ug/l	96
89) n-Butylbenzene	12.37	91	295269	17.937	ug/l	99
90) Hexachloroethane	12.58	117	68188	19.217	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	178171	18.319	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32262	17.180	ug/l	95

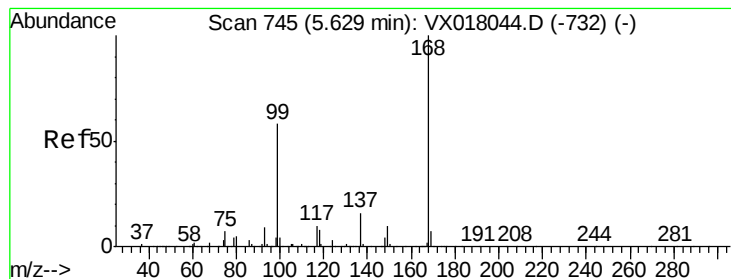
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090920\
Data File : VX018314.D
Acq On : 09 Sep 2020 12:05
Operator : JC/SP
Sample : VX0909WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBSD01

Quant Time: Sep 09 15:03:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	112390	17.329	ug/l	96
94) Hexachlorobutadiene	13.76	225	52561	20.547	ug/l	99
95) Naphthalene	13.82	128	361908	16.956	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	116016	18.104	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

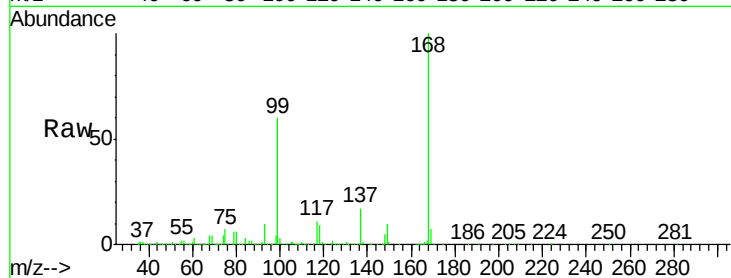
VX0909WBSD01

Tgt Ion:168 Resp: 406598

Ion Ratio Lower Upper

168 100

99 60.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

150000

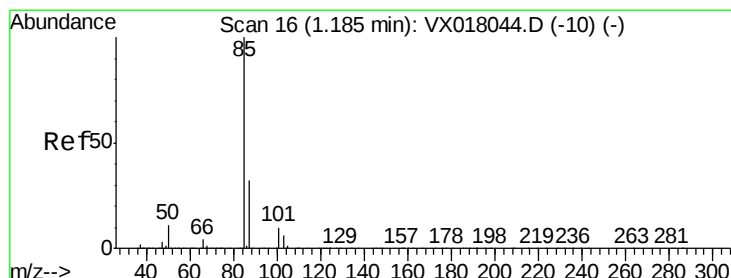
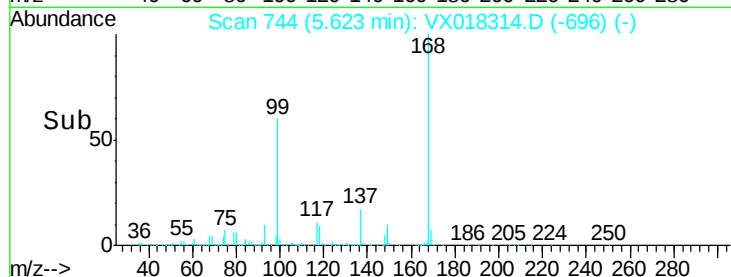
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.743 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018314.D

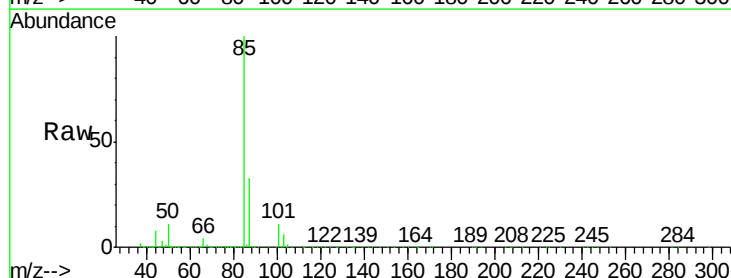
Acq: 09 Sep 2020 12:05

Tgt Ion: 85 Resp: 87834

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

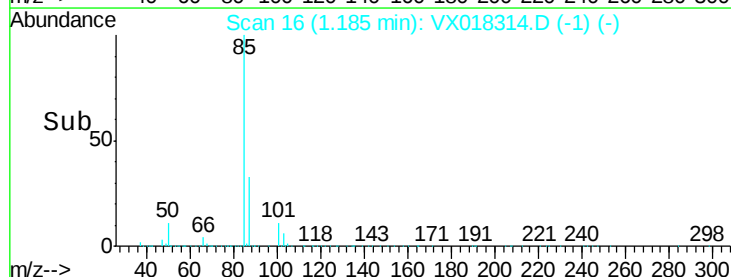
40000

20000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.064 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

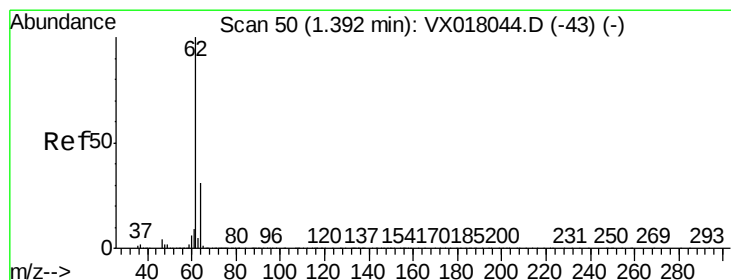
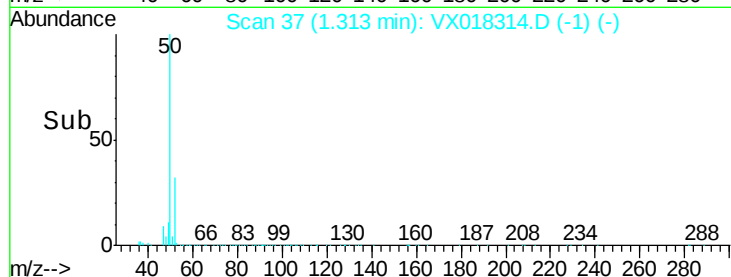
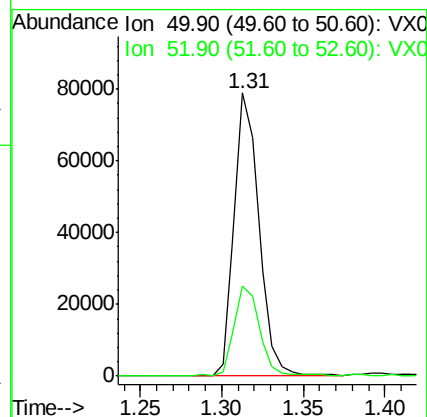
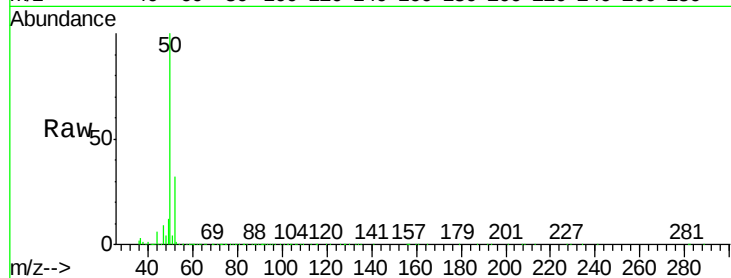
VX0909WBSD01

Tgt Ion: 50 Resp: 83841

Ion Ratio Lower Upper

50 100

52 31.7 25.4 38.2



#4

Vinyl Chloride

Concen: 16.224 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018314.D

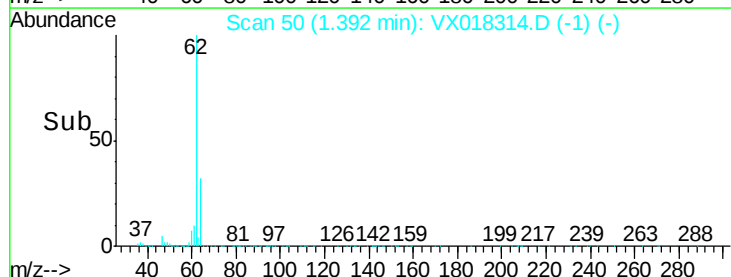
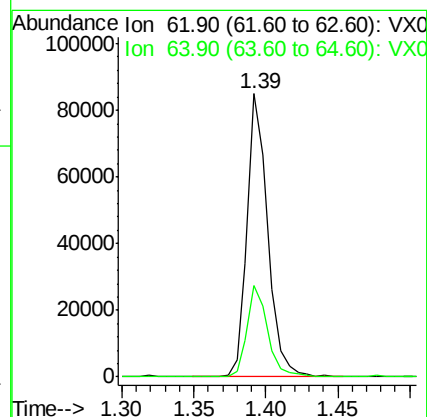
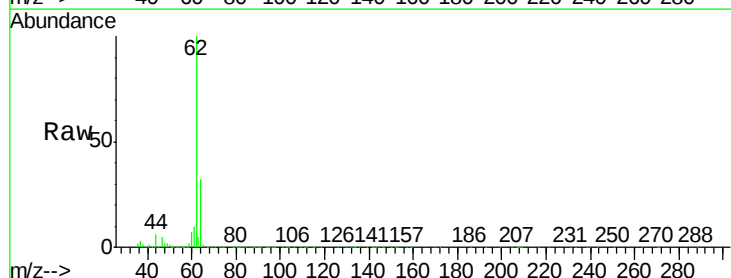
Acq: 09 Sep 2020 12:05

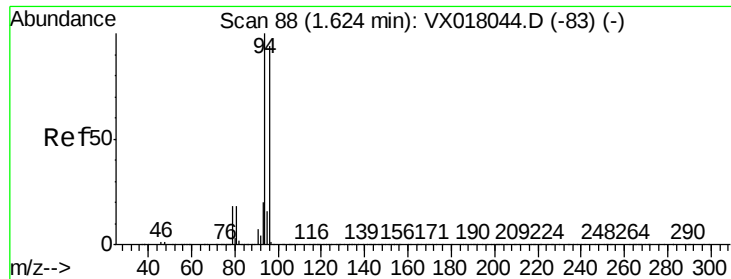
Tgt Ion: 62 Resp: 84288

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 24.460 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

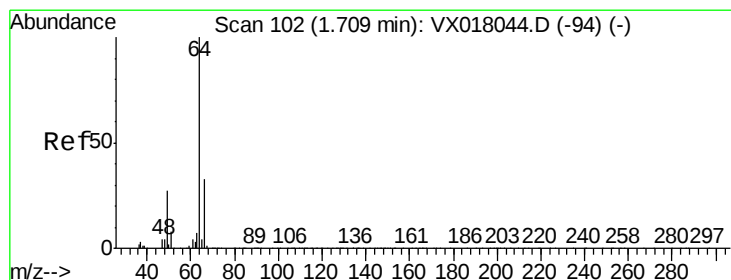
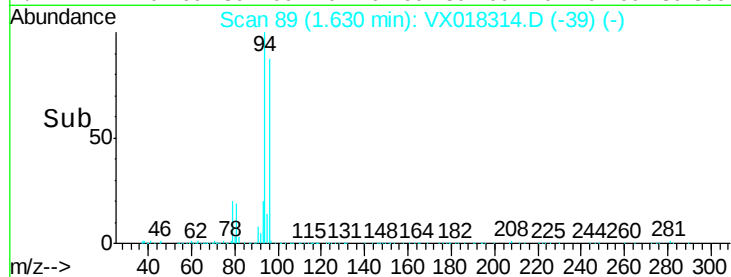
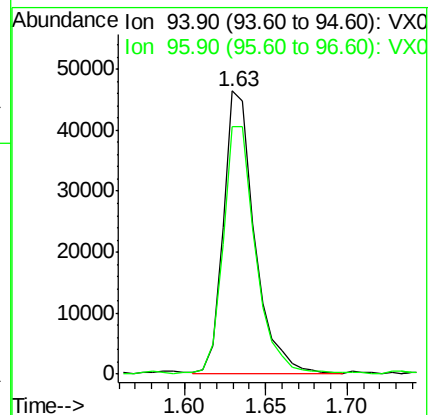
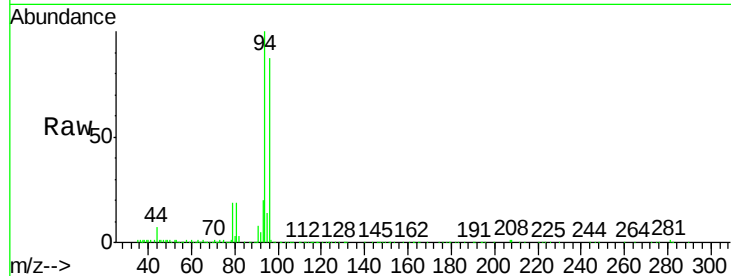
VX0909WBSD01

Tgt Ion: 94 Resp: 61296

Ion Ratio Lower Upper

94 100

96 87.3 74.8 112.2



#6

Chloroethane

Concen: 17.478 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018314.D

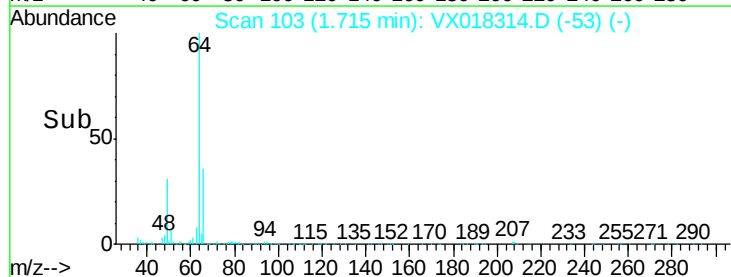
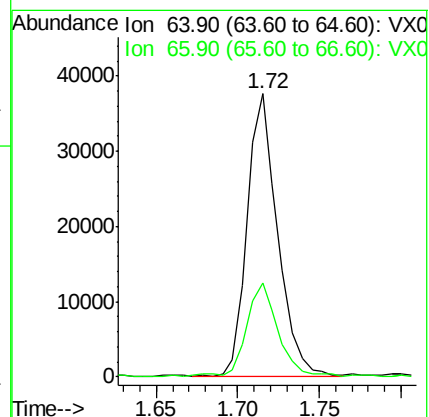
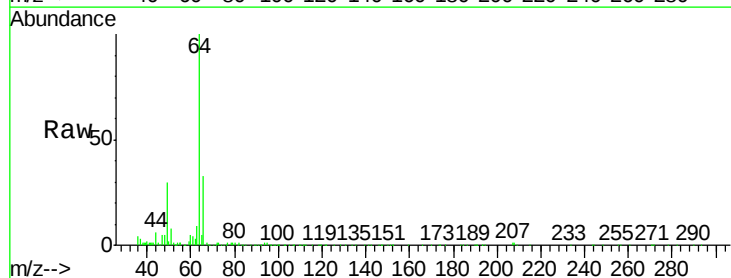
Acq: 09 Sep 2020 12:05

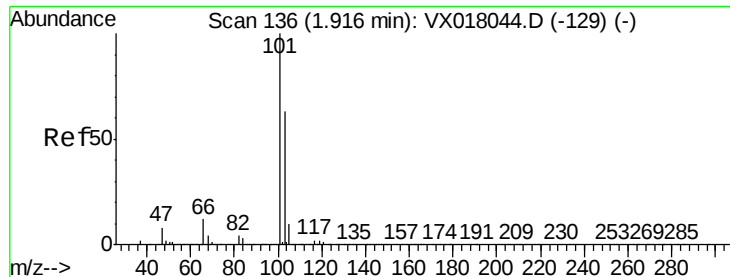
Tgt Ion: 64 Resp: 48772

Ion Ratio Lower Upper

64 100

66 33.0 26.6 39.8



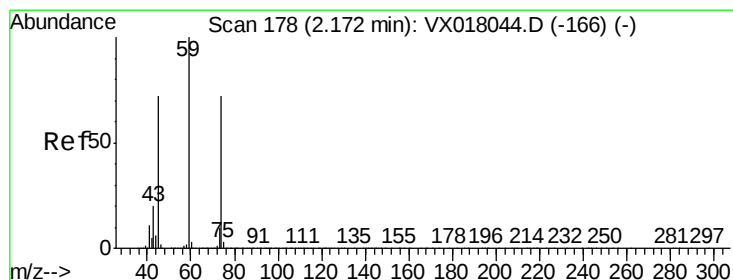
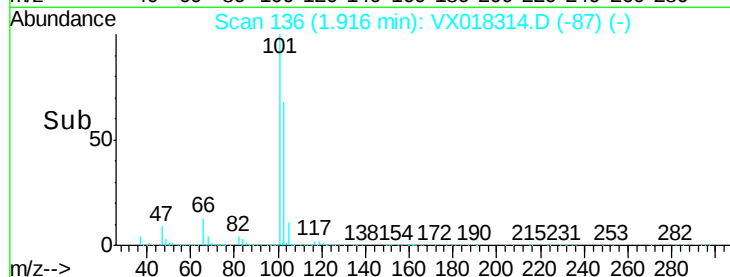
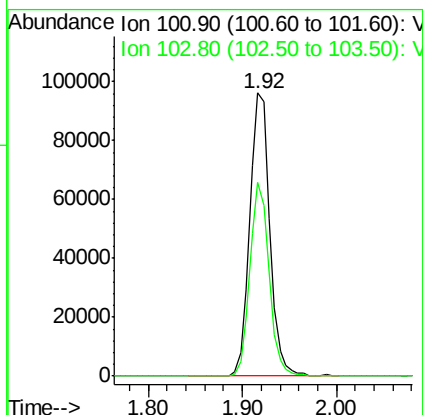
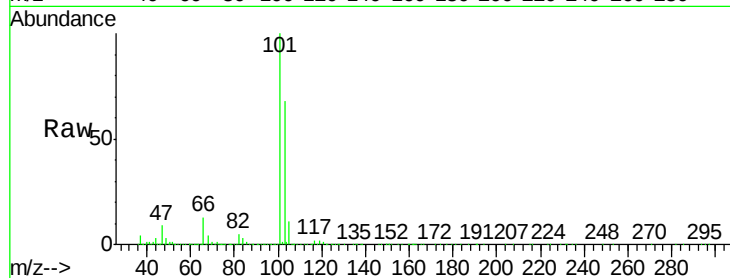


#7

Trichlorofluoromethane
Concen: 20.407 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018314.D
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Instrument :
MSVOA_X
ClientSampleId :
VX0909WBSD01

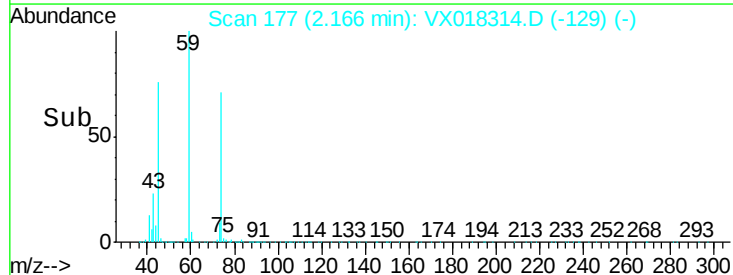
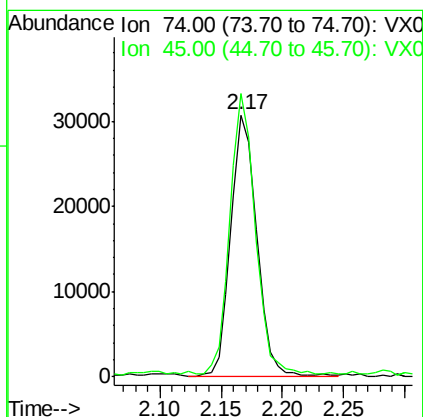
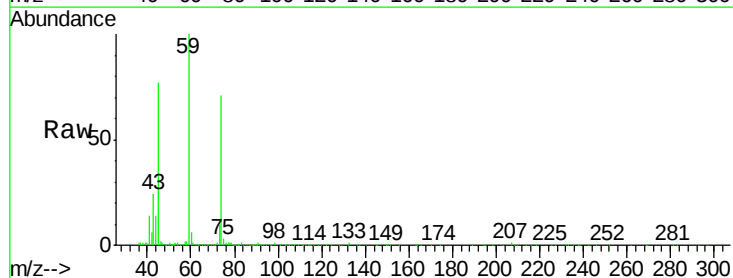
Tgt Ion:101 Resp: 144567
Ion Ratio Lower Upper
101 100
103 68.2 50.7 76.1

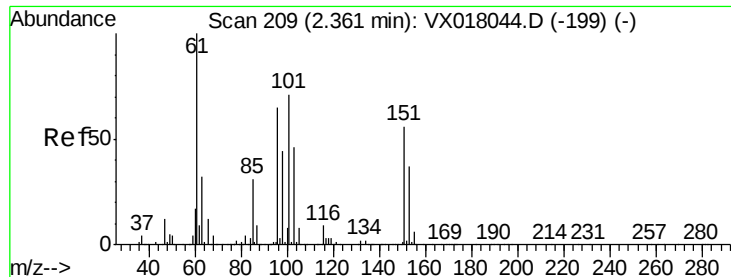


#8

Diethyl Ether
Concen: 18.919 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion: 74 Resp: 45454
Ion Ratio Lower Upper
74 100
45 103.0 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.576 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

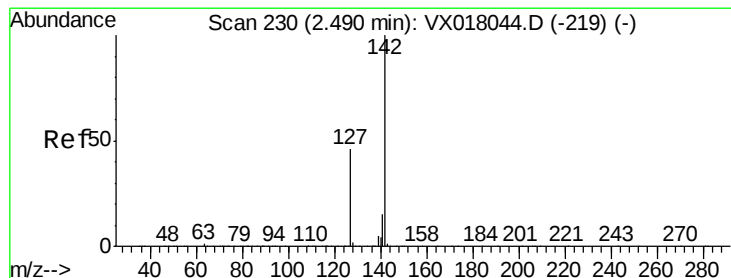
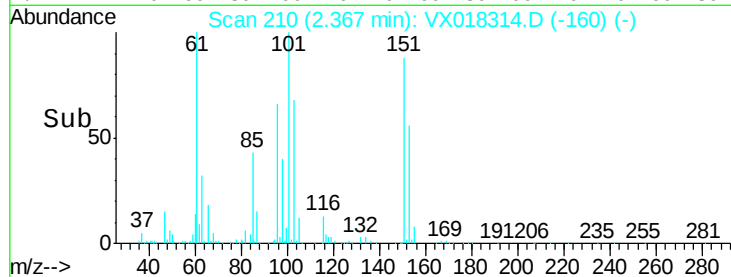
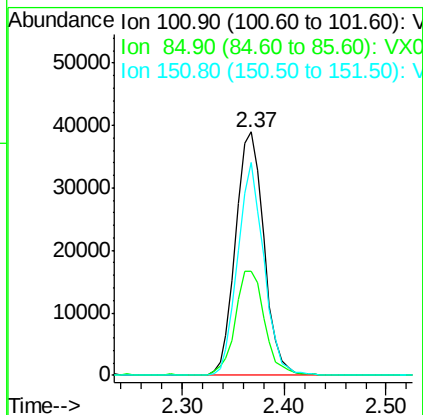
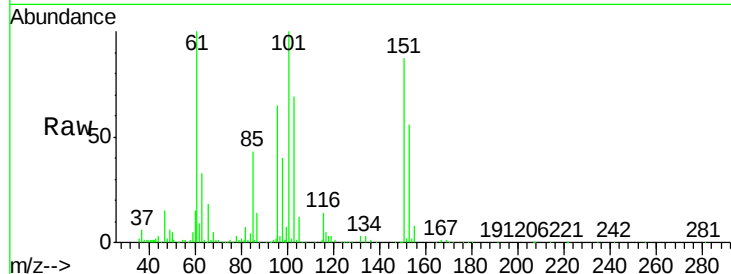
Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

Tgt Ion:	101	Resp:	74977
Ion	Ratio	Lower	Upper
101	100		
85	43.9	34.0	51.0
151	81.1	65.2	97.8



#10

Methyl Iodide

Concen: 21.275 ug/l

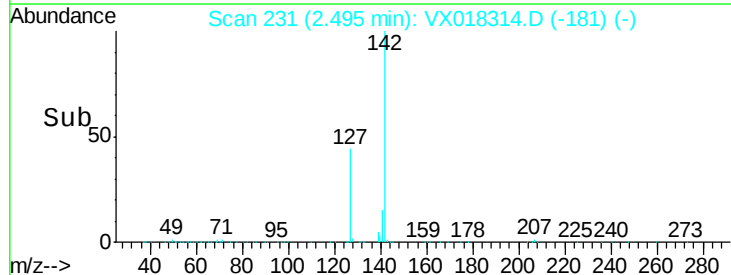
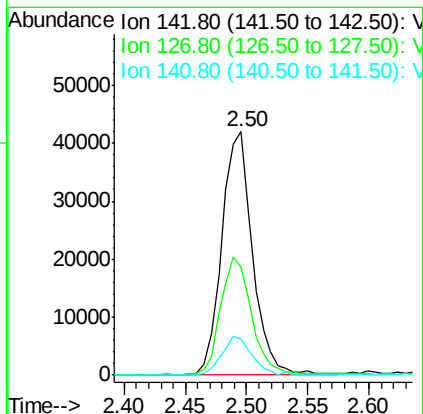
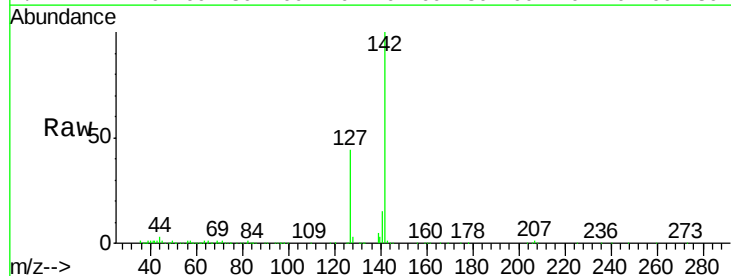
RT: 2.50 min Scan# 231

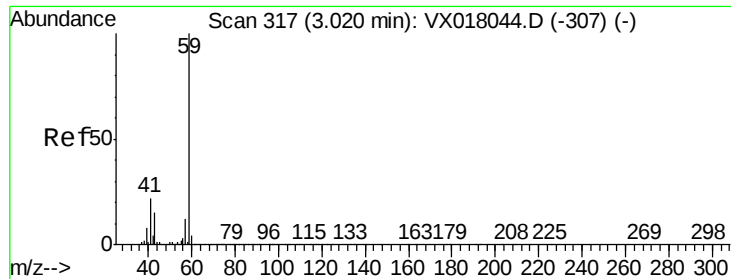
Delta R.T. 0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Tgt Ion:	142	Resp:	73261
Ion	Ratio	Lower	Upper
142	100		
127	49.2	37.0	55.6
141	15.6	11.5	17.3

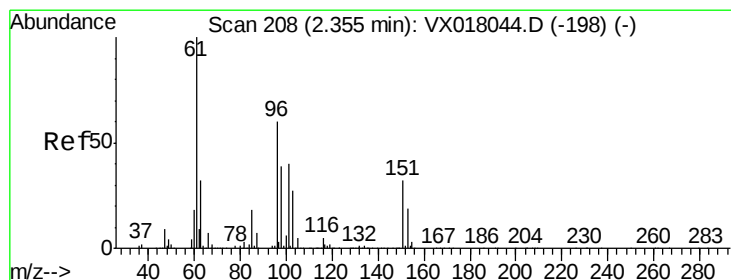
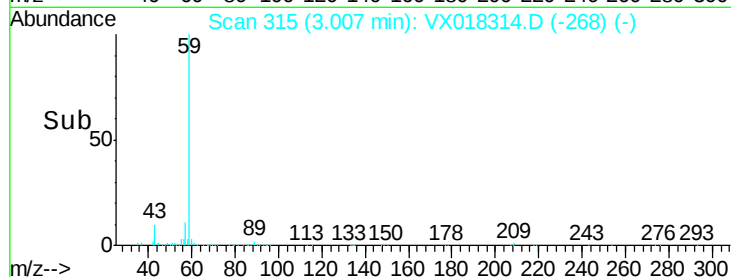
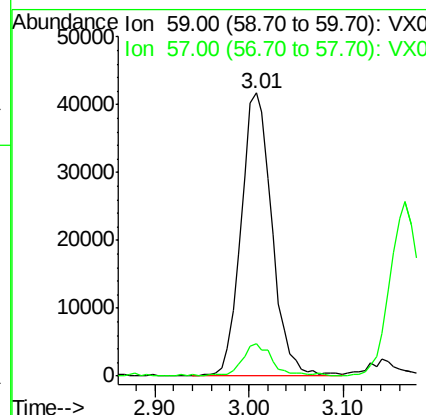
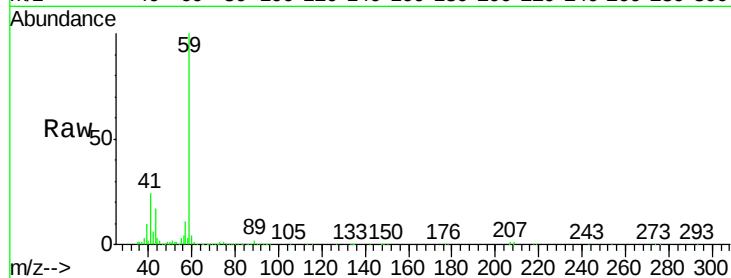




#11
Tert butyl alcohol
Concen: 87.279 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

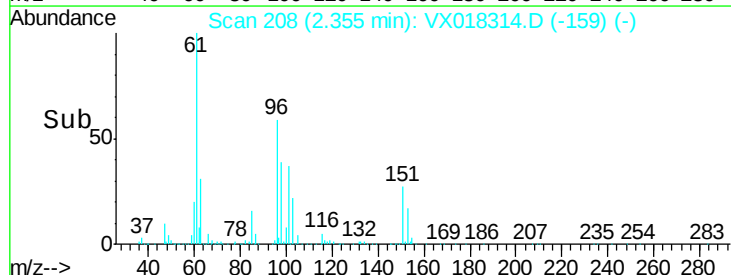
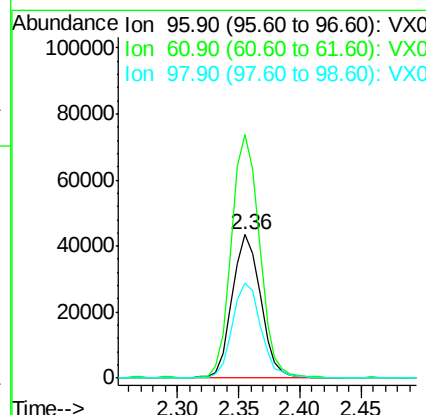
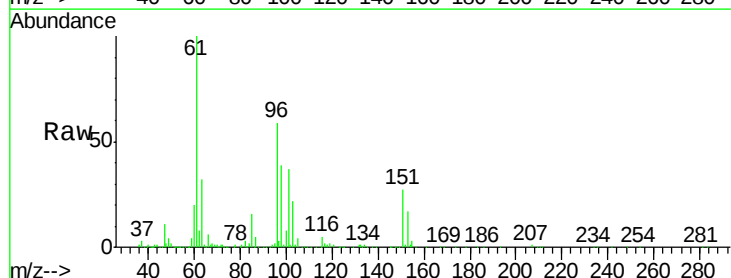
Instrument :
MSVOA_X
ClientSampleId :
VX0909WBSD01

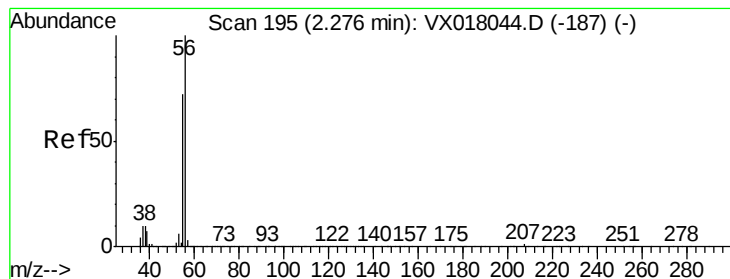
Tgt Ion: 59 Resp: 95790
Ion Ratio Lower Upper
59 100
57 11.1 8.9 13.3



#12
1,1-Dichloroethene
Concen: 17.569 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion: 96 Resp: 69810
Ion Ratio Lower Upper
96 100
61 170.2 133.0 199.4
98 66.1 51.6 77.4





#13

Acrolein

Concen: 136.416 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

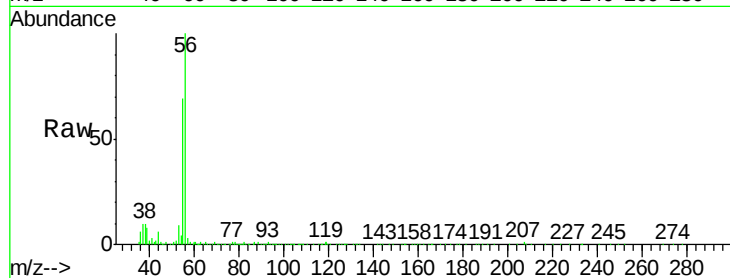
VX0909WBSD01

Tgt Ion: 56 Resp: 62080

Ion Ratio Lower Upper

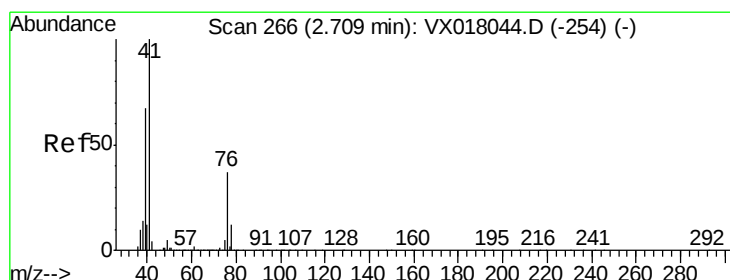
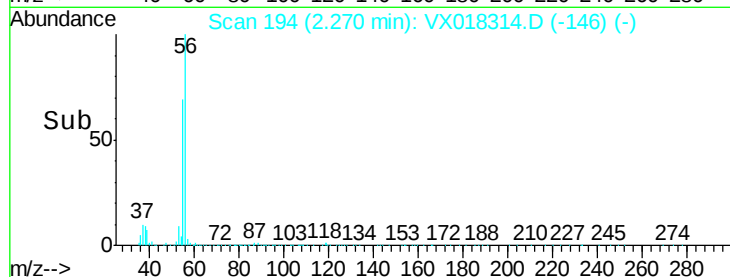
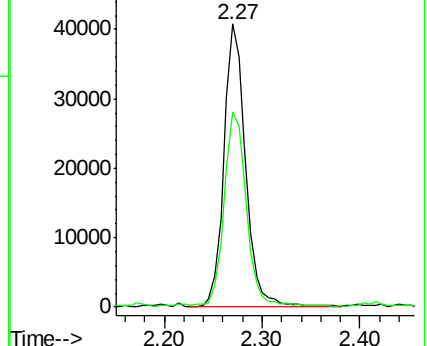
56 100

55 71.5 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 17.371 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

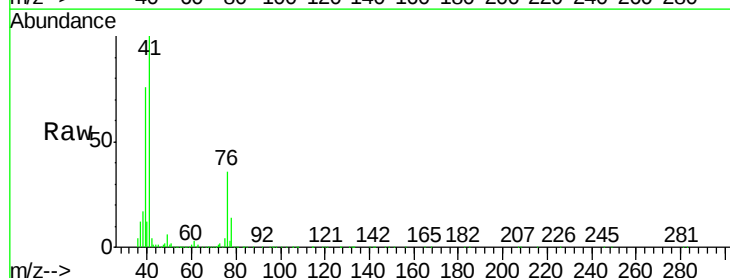
Tgt Ion: 41 Resp: 124011

Ion Ratio Lower Upper

41 100

39 68.9 50.6 76.0

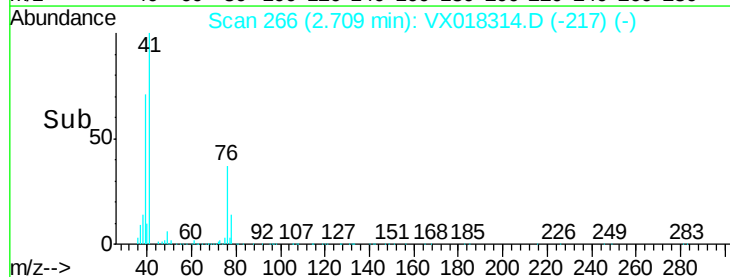
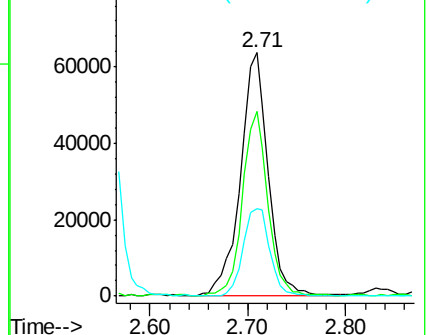
76 34.7 26.2 39.2

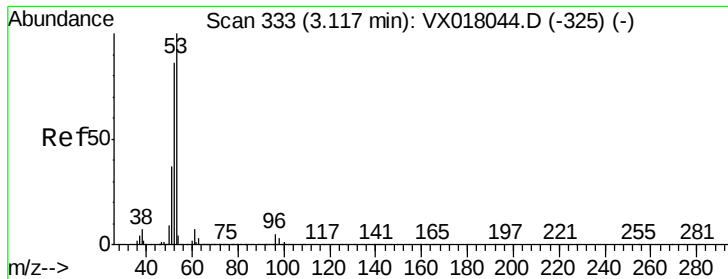


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 88.183 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

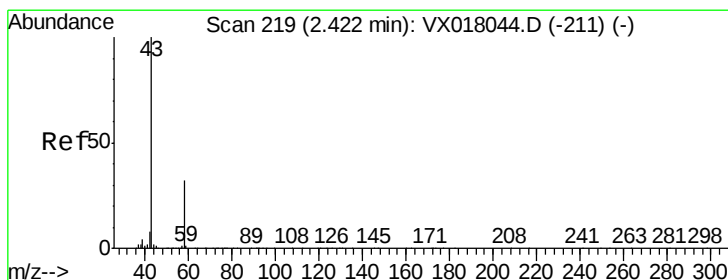
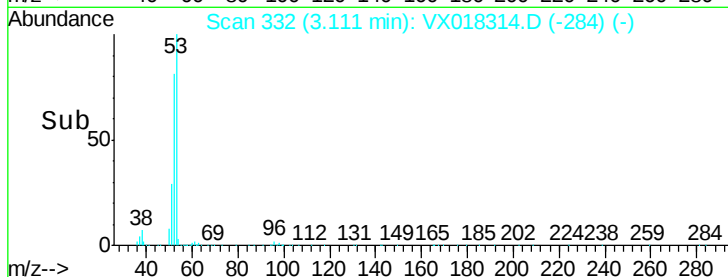
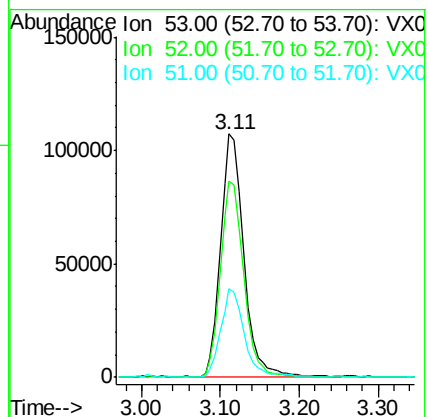
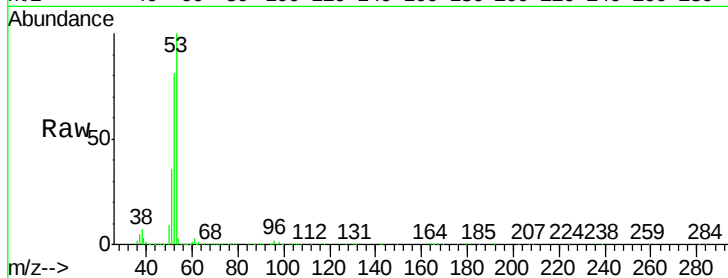
Tgt Ion: 53 Resp: 219541

Ion Ratio Lower Upper

53 100

52 82.1 66.9 100.3

51 37.3 28.7 43.1



#16

Acetone

Concen: 88.196 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018314.D

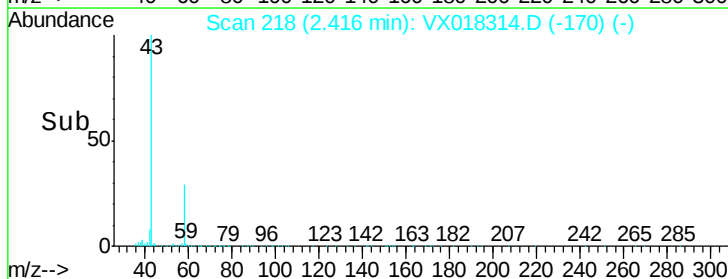
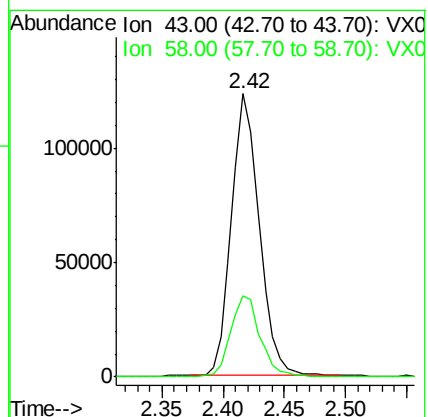
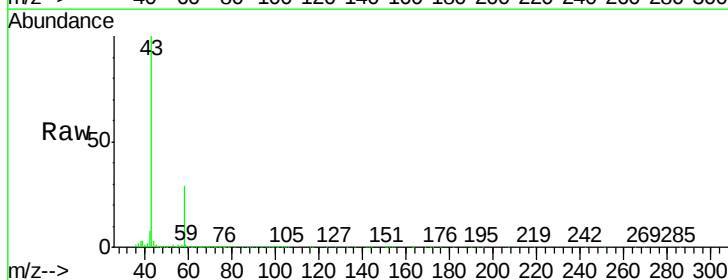
Acq: 09 Sep 2020 12:05

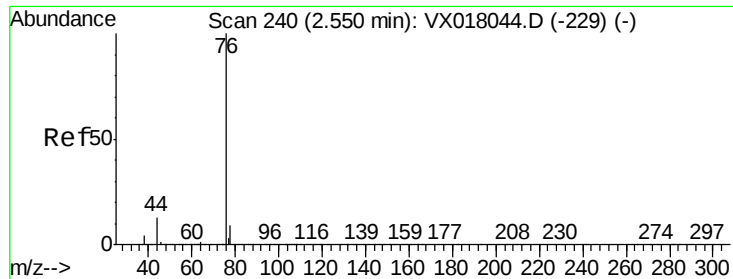
Tgt Ion: 43 Resp: 193986

Ion Ratio Lower Upper

43 100

58 28.6 25.5 38.3

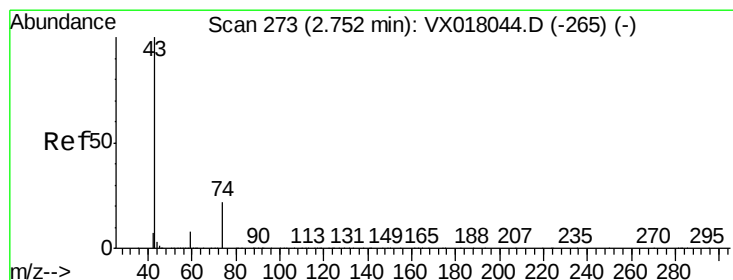
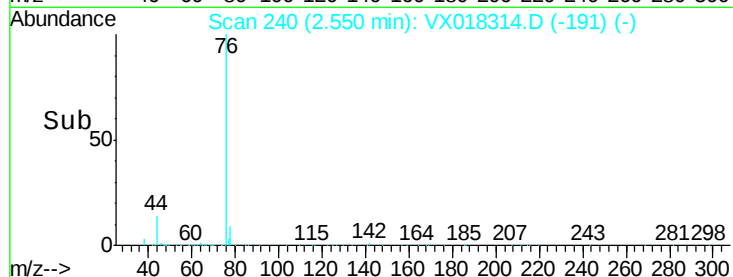
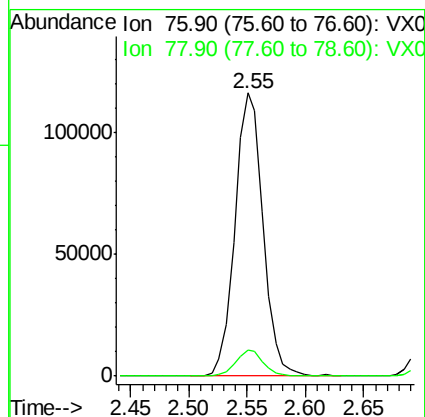
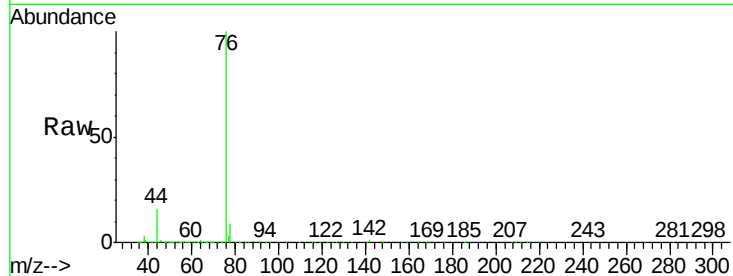




#17
Carbon Disulfide
Concen: 16.248 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

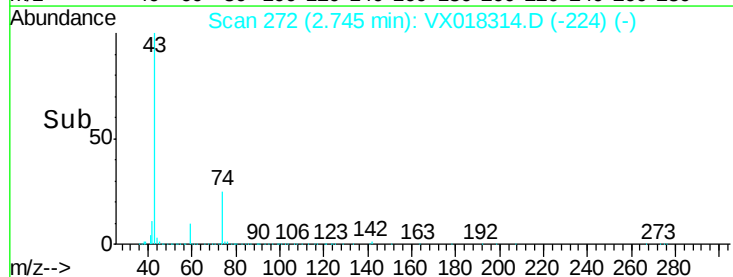
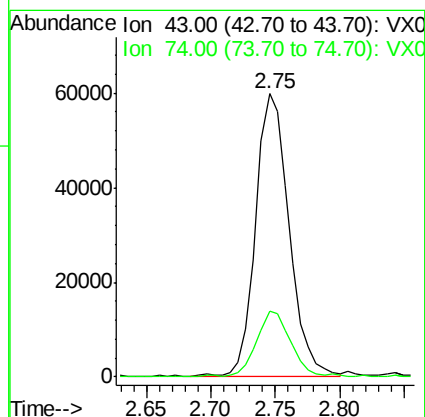
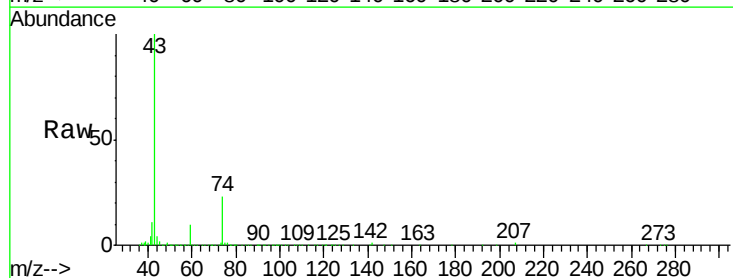
Instrument :
MSVOA_X
ClientSampleId :
VX0909WBSD01

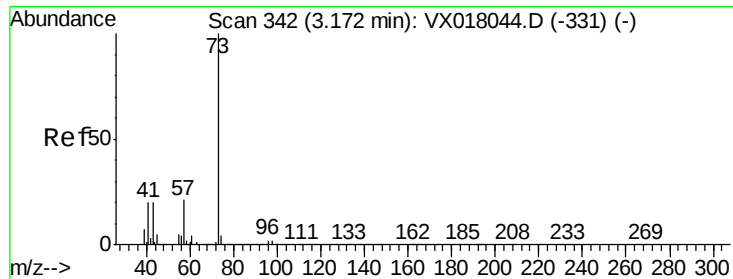
Tgt Ion: 76 Resp: 195165
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 20.297 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion: 43 Resp: 107731
Ion Ratio Lower Upper
43 100
74 24.3 18.2 27.4



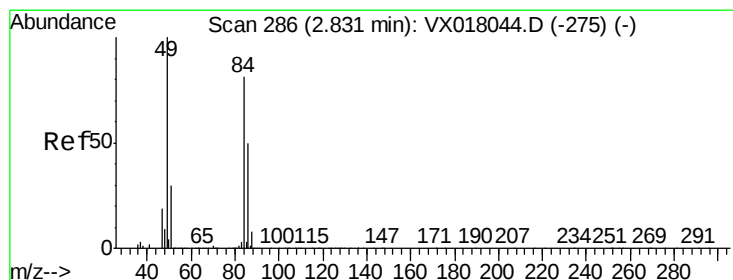
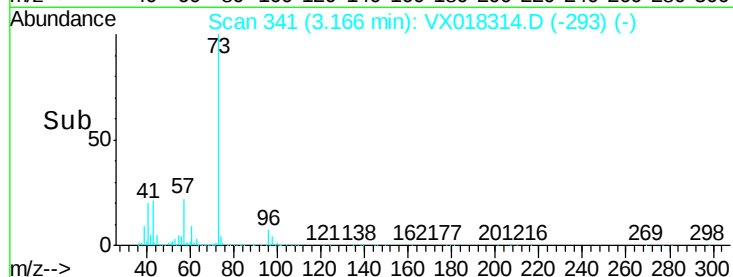
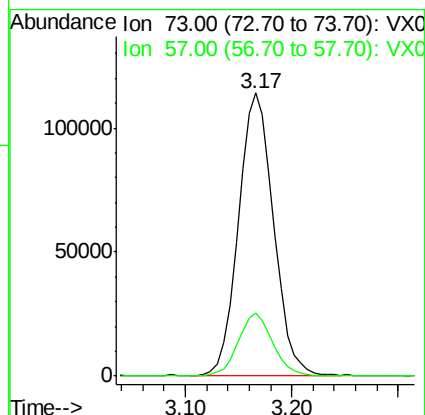
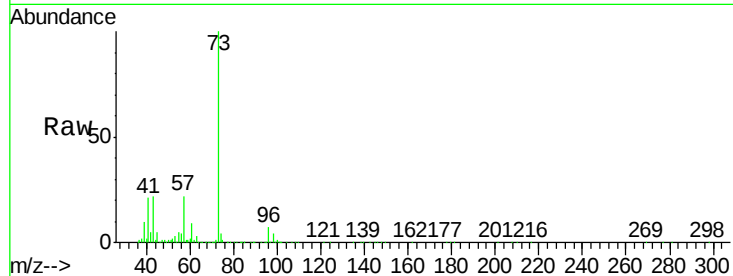


#19

Methyl tert-butyl Ether
Concen: 19.253 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Instrument :
MSVOA_X
ClientSampled :
VX0909WBSD01

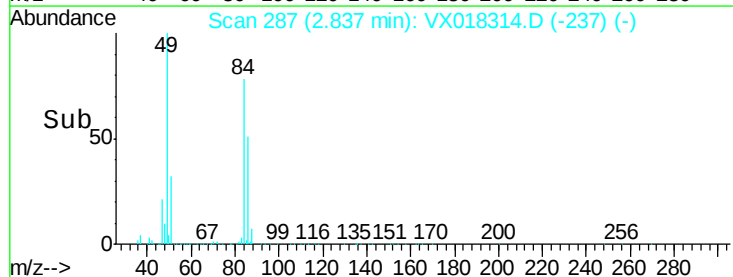
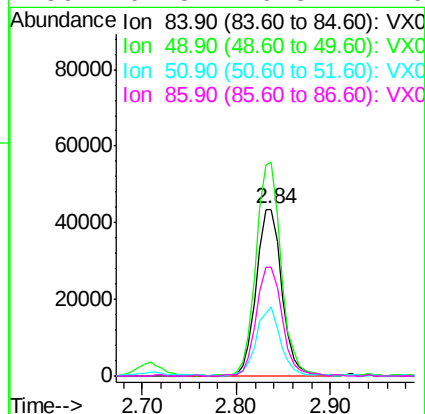
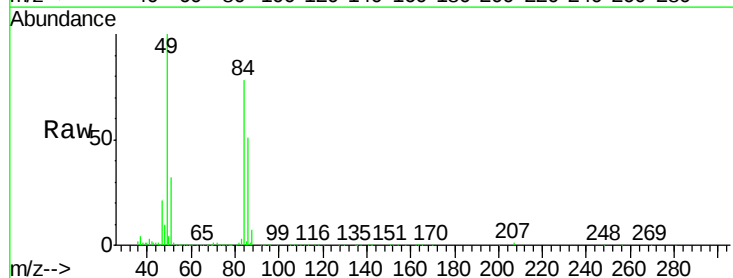
Tgt Ion: 73 Resp: 262362
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2

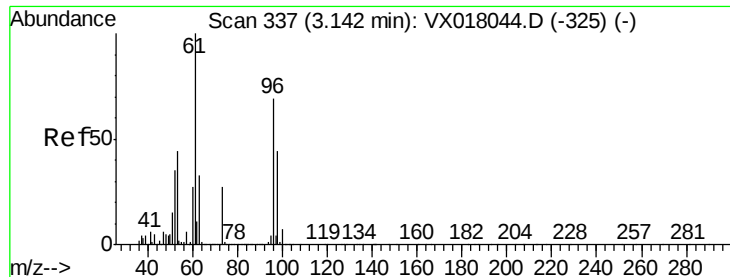


#20

Methylene Chloride
Concen: 17.698 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion: 84 Resp: 82985
Ion Ratio Lower Upper
84 100
49 127.8 98.6 148.0
51 41.0 29.6 44.4
86 64.8 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 17.904 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

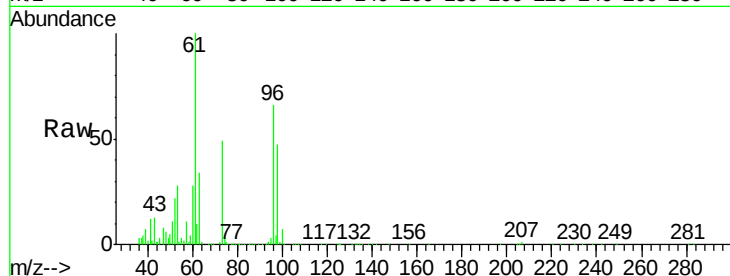
Tgt Ion: 96 Resp: 78819

Ion Ratio Lower Upper

96 100

61 151.0 115.4 173.0

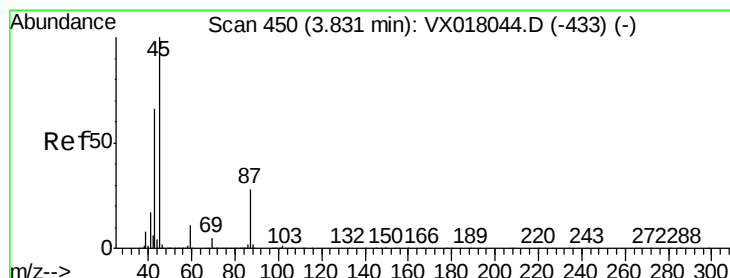
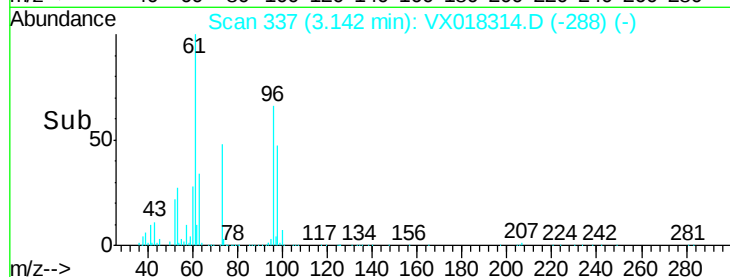
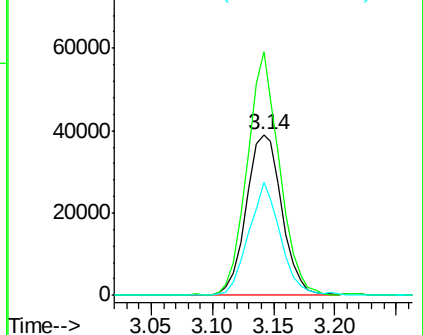
98 70.6 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.327 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Tgt Ion: 45 Resp: 258221

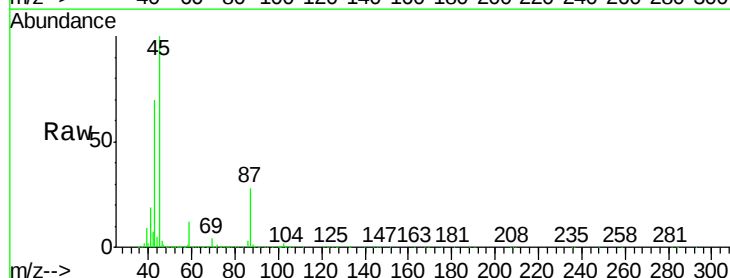
Ion Ratio Lower Upper

45 100

43 69.7 52.8 79.2

87 28.2 22.5 33.7

59 12.0 9.0 13.6

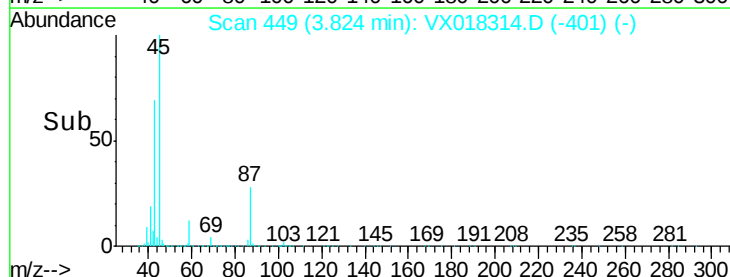
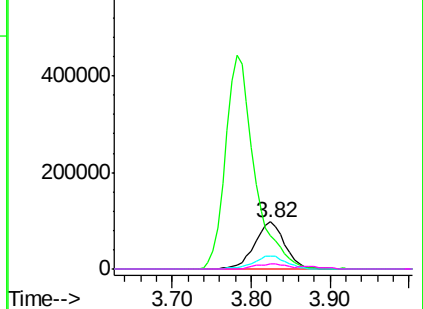


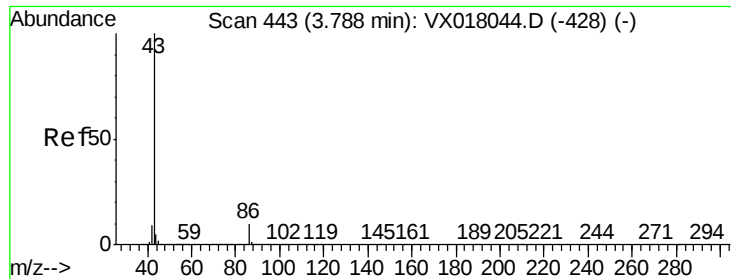
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.615 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

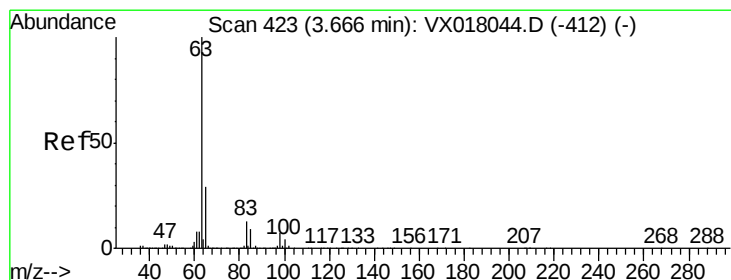
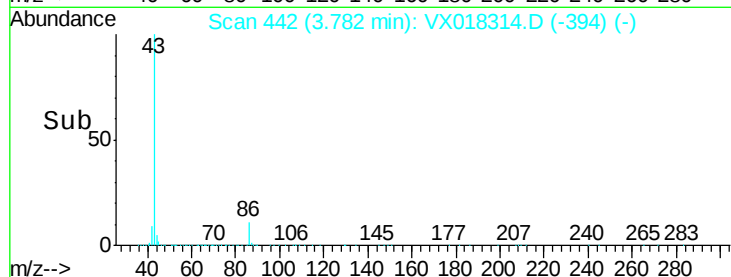
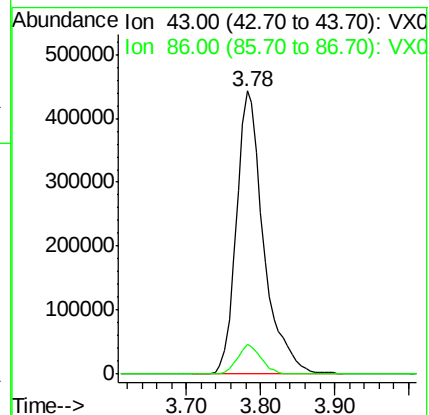
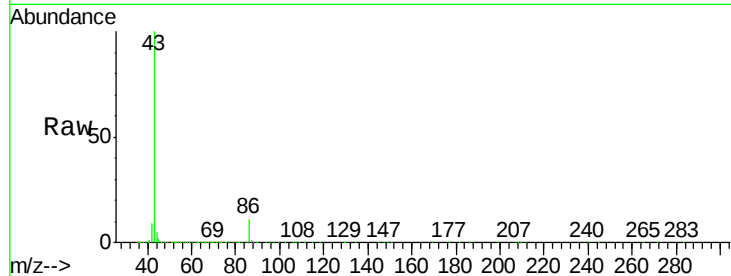
VX0909WBSD01

Tgt Ion: 43 Resp: 1136073

Ion Ratio Lower Upper

43 100

86 10.6 7.9 11.9



#24

1,1-Dichloroethane

Concen: 18.617 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

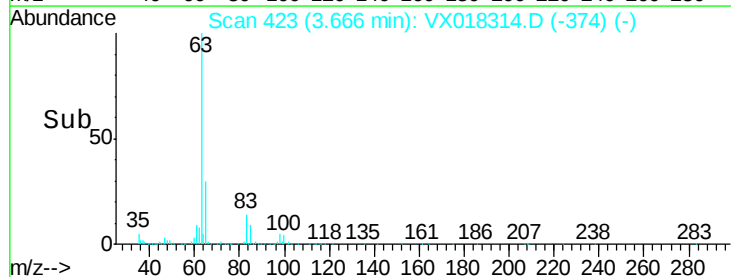
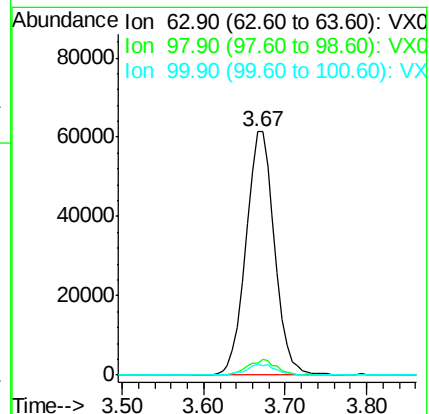
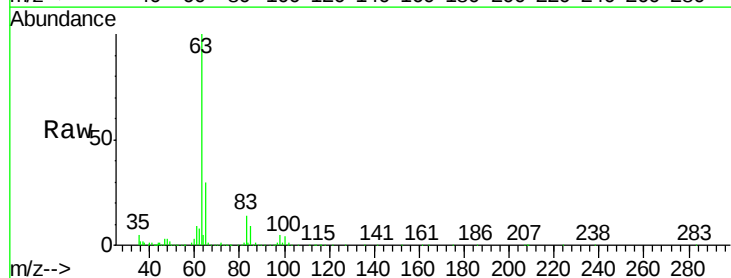
Tgt Ion: 63 Resp: 149318

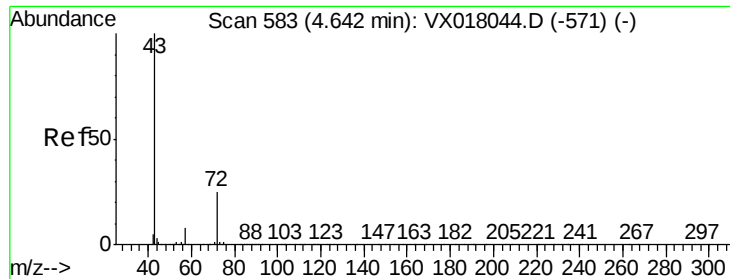
Ion Ratio Lower Upper

63 100

98 4.8 3.6 10.8

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 82.341 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

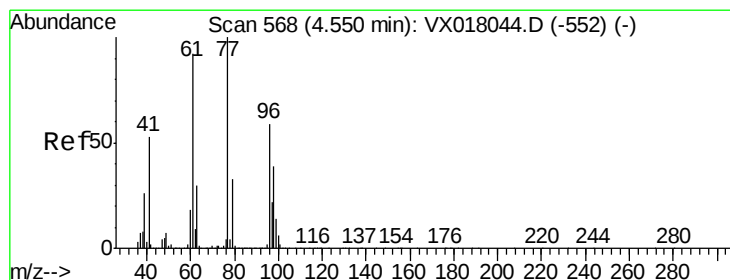
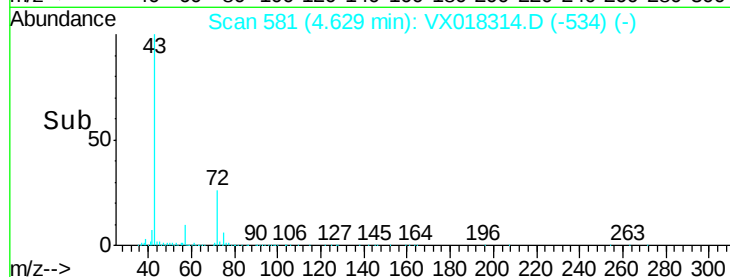
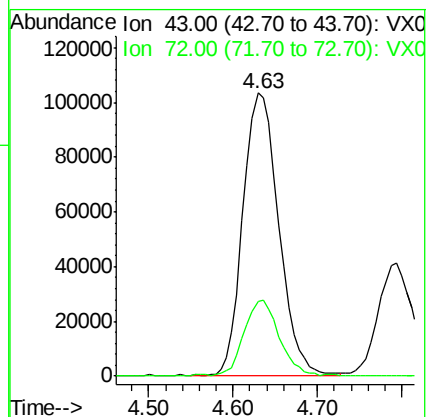
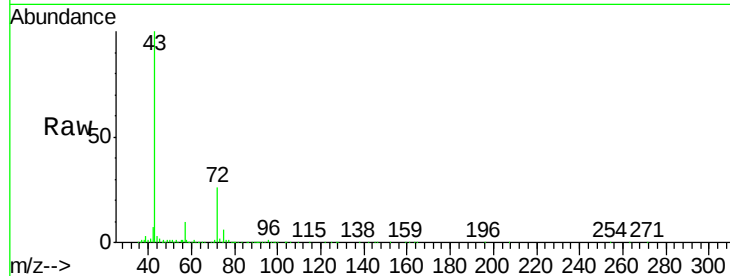
VX0909WBSD01

Tgt Ion: 43 Resp: 297643

Ion Ratio Lower Upper

43 100

72 26.1 19.8 29.6



#26

2,2-Dichloropropane

Concen: 20.406 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018314.D

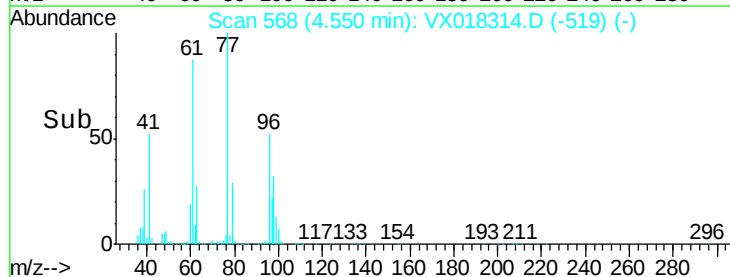
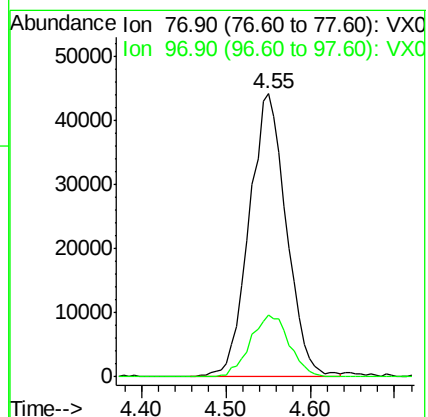
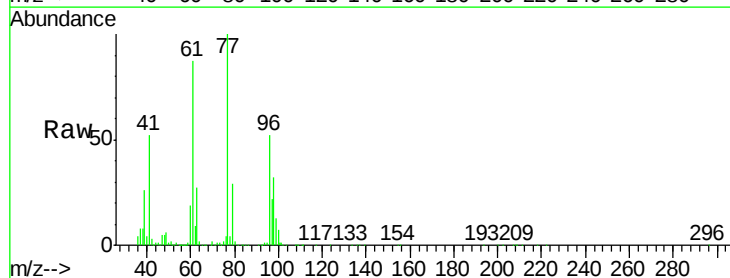
Acq: 09 Sep 2020 12:05

Tgt Ion: 77 Resp: 133169

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.5



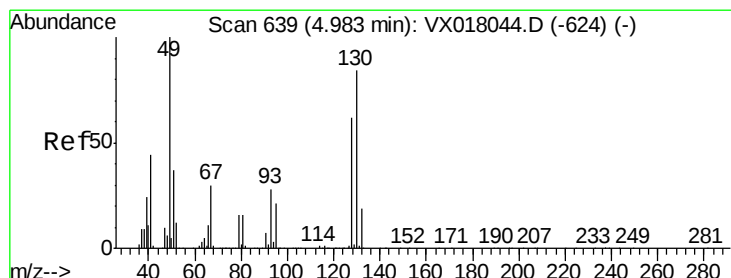
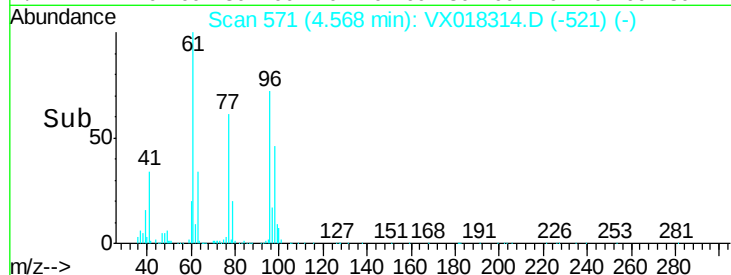
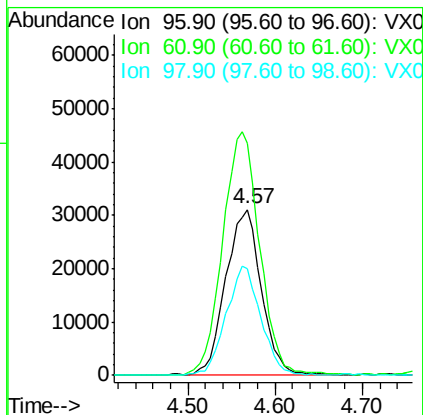
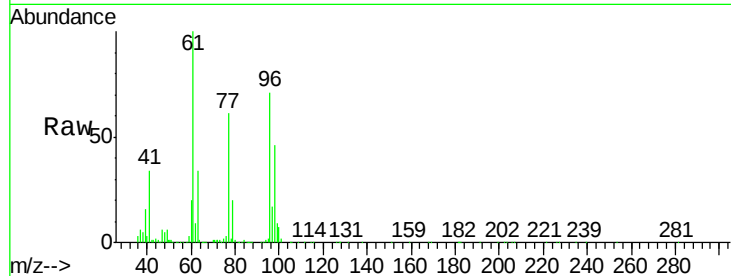


#27

cis-1,2-Dichloroethene
Concen: 17.154 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBSD01

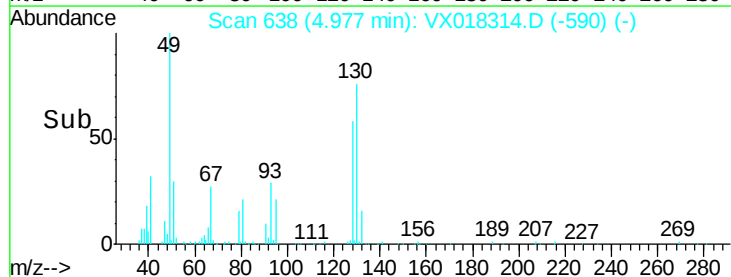
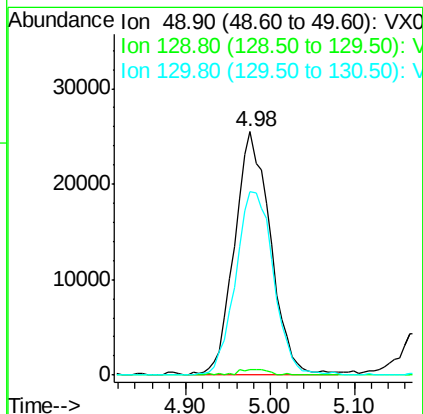
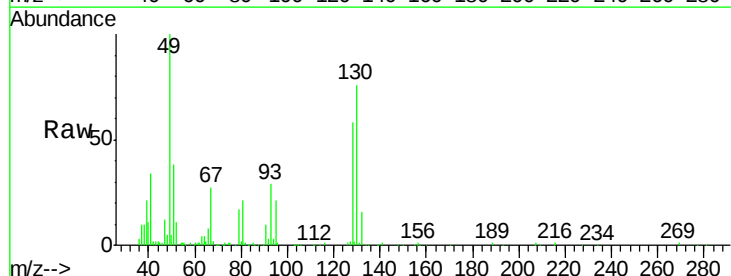
Tgt Ion: 96 Resp: 87008
Ion Ratio Lower Upper
96 100
61 154.8 0.0 296.6
98 65.0 0.0 130.2

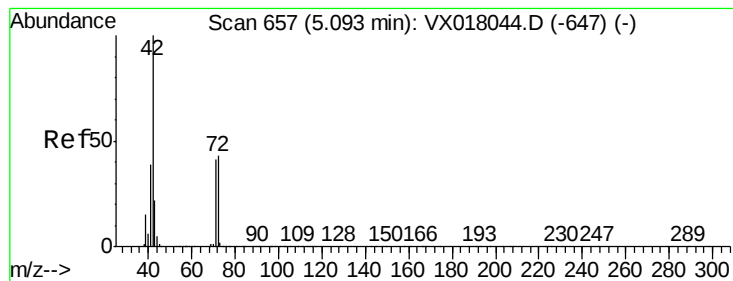


#28

Bromochloromethane
Concen: 19.115 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion: 49 Resp: 74002
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.6
130 79.0 64.6 96.8





#29

Tetrahydrofuran

Concen: 83.803 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

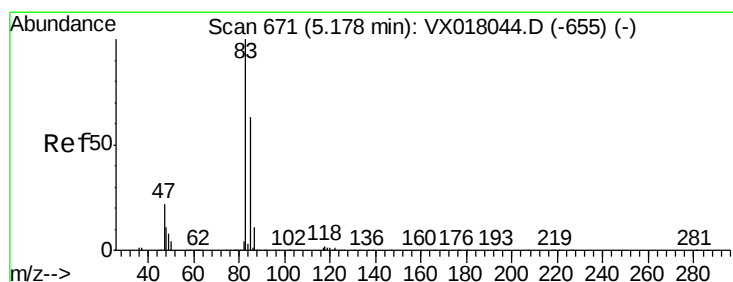
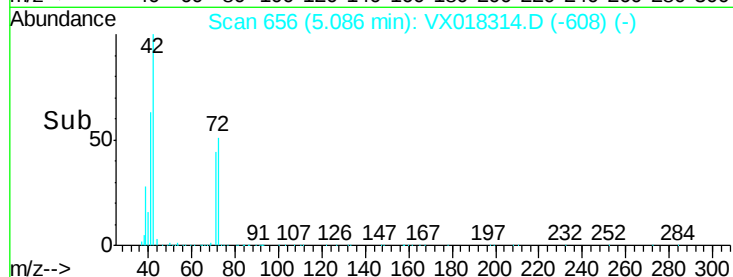
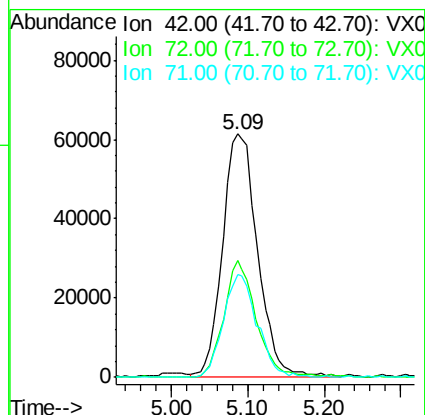
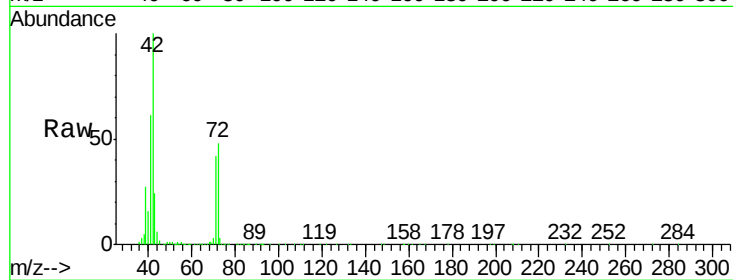
Tgt Ion: 42 Resp: 192838

Ion Ratio Lower Upper

42 100

72 44.7 34.2 51.4

71 41.3 32.1 48.1



#30

Chloroform

Concen: 18.646 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018314.D

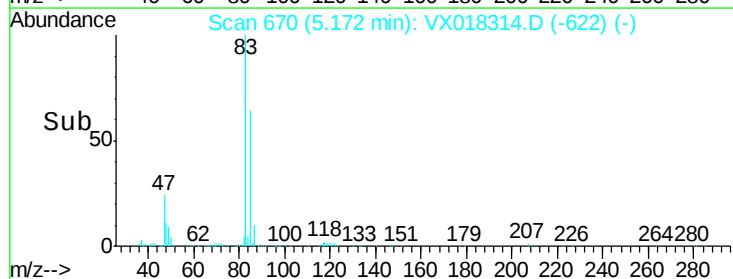
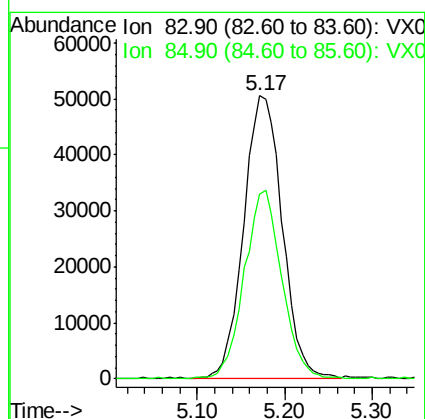
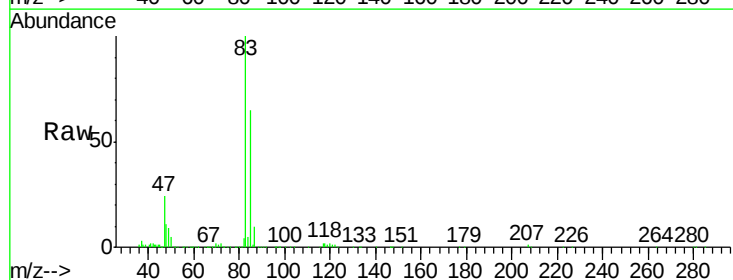
Acq: 09 Sep 2020 12:05

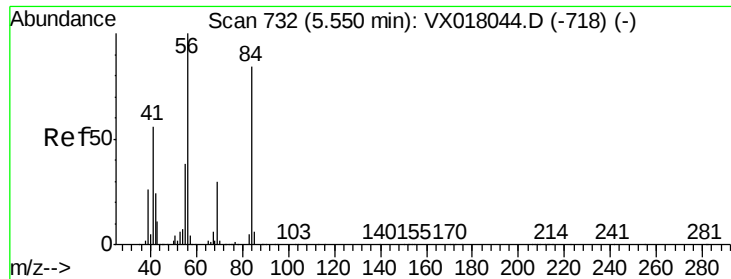
Tgt Ion: 83 Resp: 154857

Ion Ratio Lower Upper

83 100

85 65.4 50.7 76.1

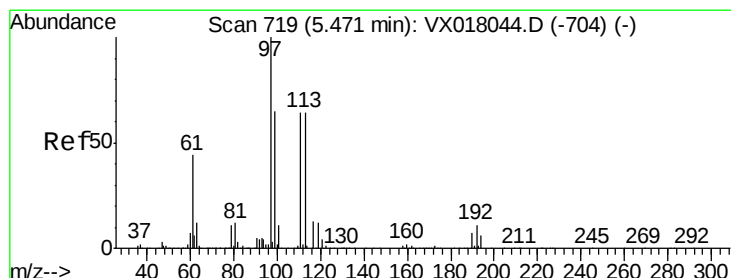
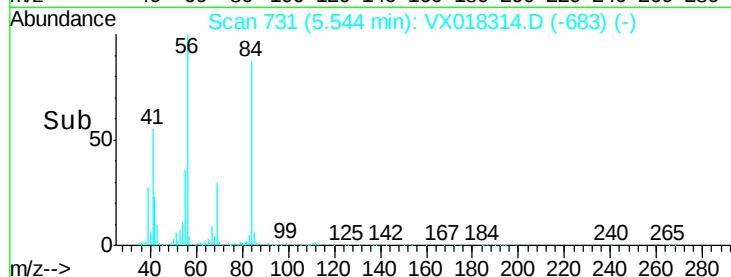
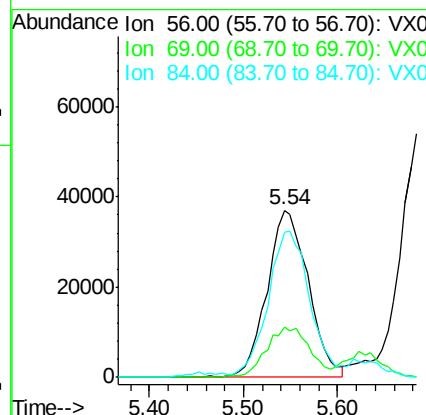
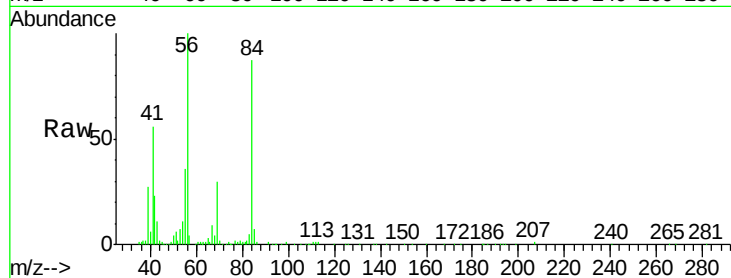




#31
Cyclohexane
Concen: 16.648 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

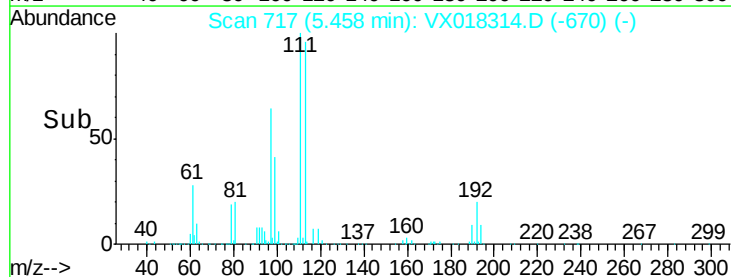
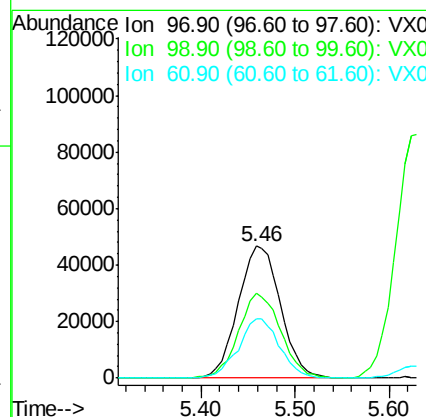
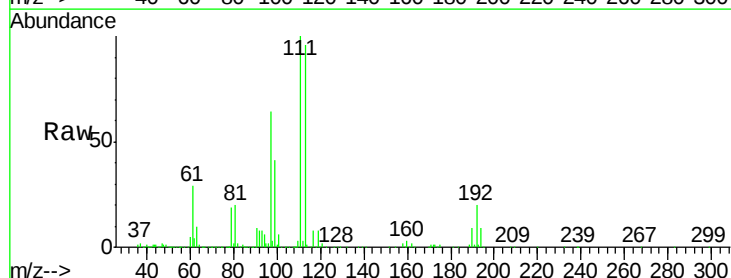
Instrument :
MSVOA_X
ClientSampleId :
VX0909WBSD01

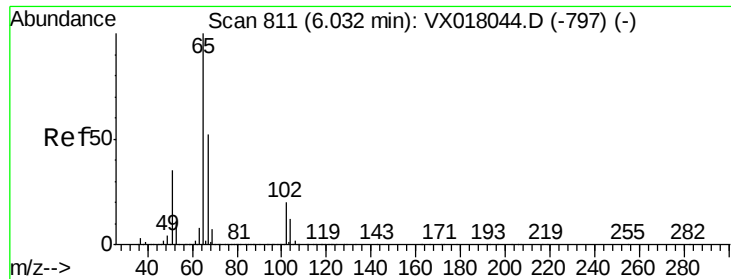
Tgt Ion: 56 Resp: 112479
Ion Ratio Lower Upper
56 100
69 29.6 23.9 35.9
84 85.9 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 19.257 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion: 97 Resp: 146768
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.0
61 43.1 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 50.086 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

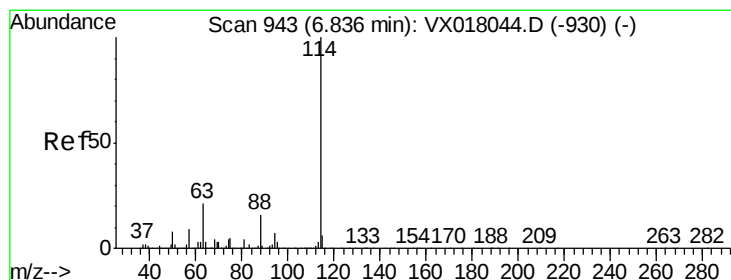
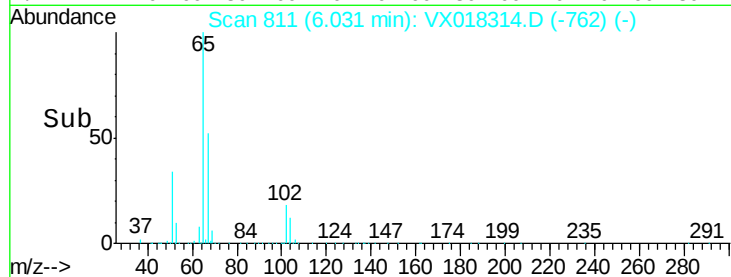
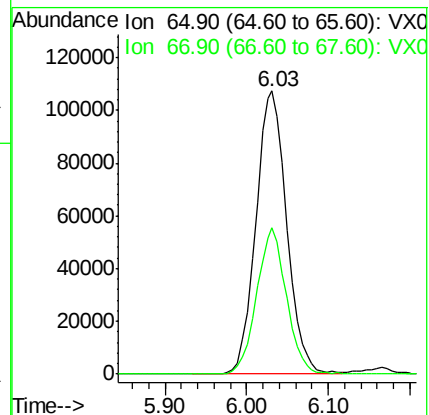
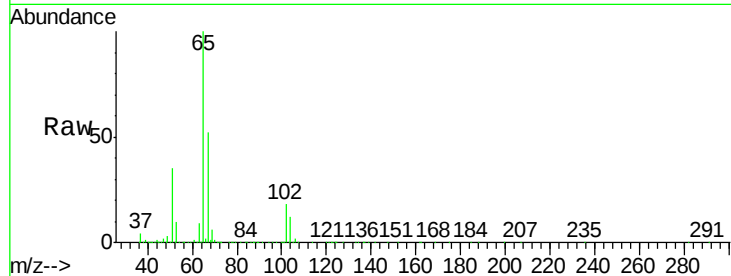
VX0909WBSD01

Tgt Ion: 65 Resp: 282715

Ion Ratio Lower Upper

65 100

67 49.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

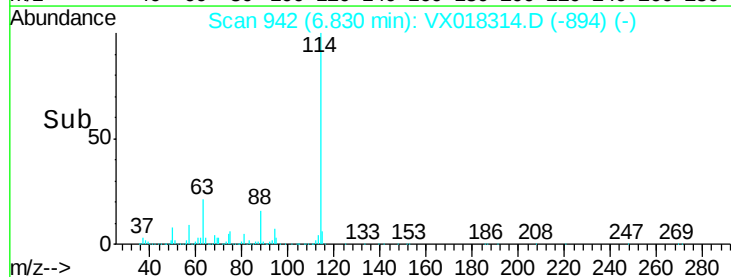
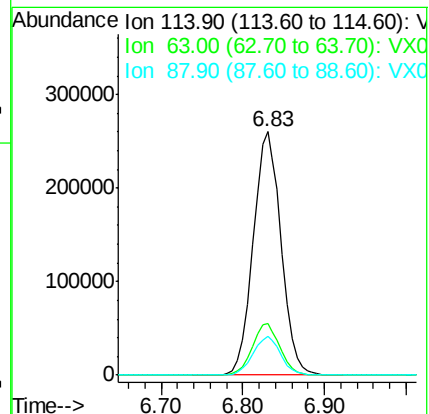
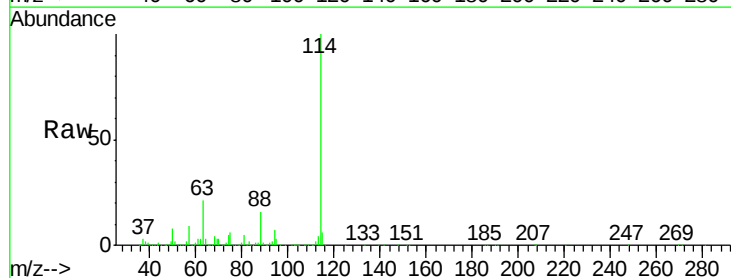
Tgt Ion: 114 Resp: 620487

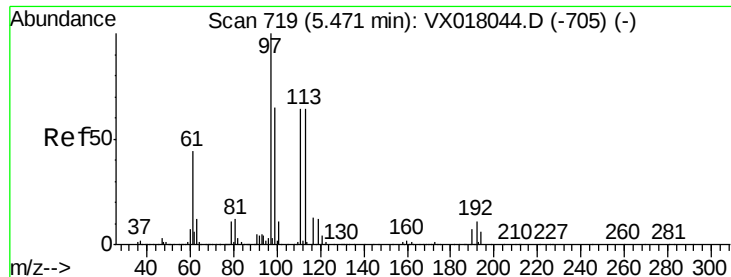
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.336 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

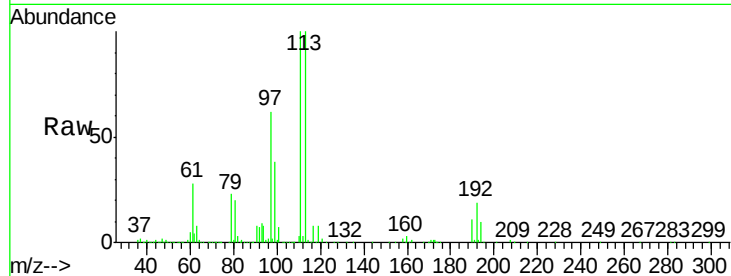
Tgt Ion:113 Resp: 212711

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

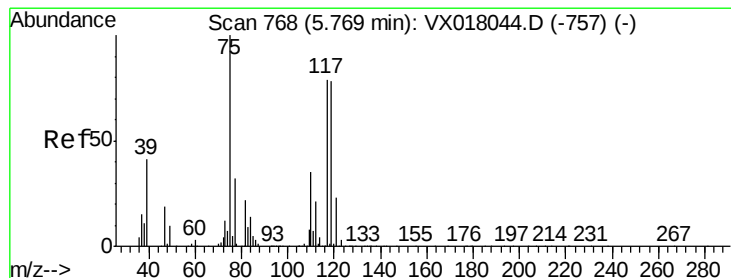
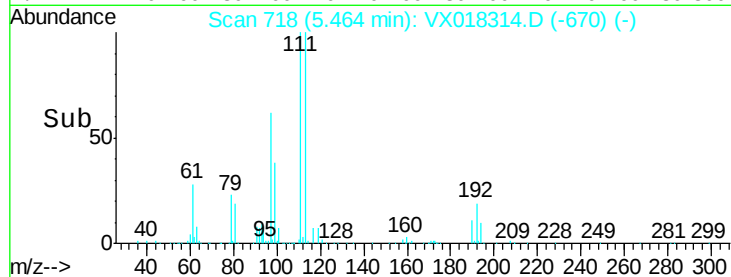
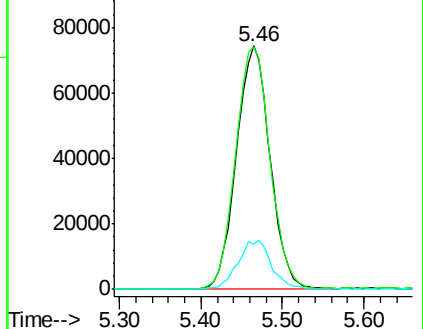
192 19.9 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.054 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

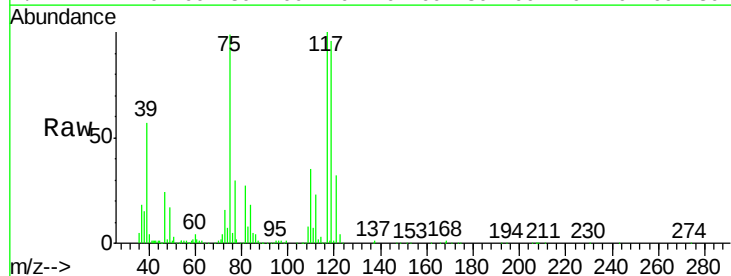
Tgt Ion: 75 Resp: 109048

Ion Ratio Lower Upper

75 100

110 35.6 18.0 54.0

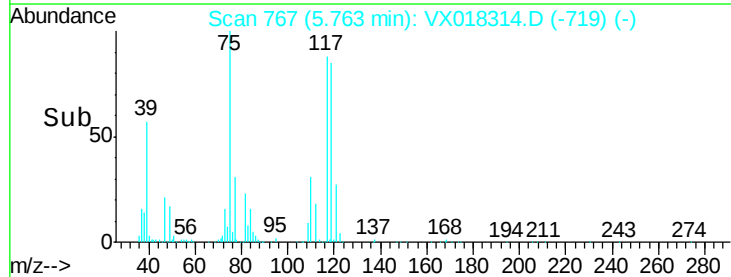
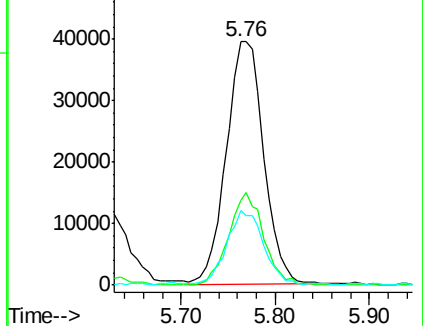
77 30.3 24.4 36.6

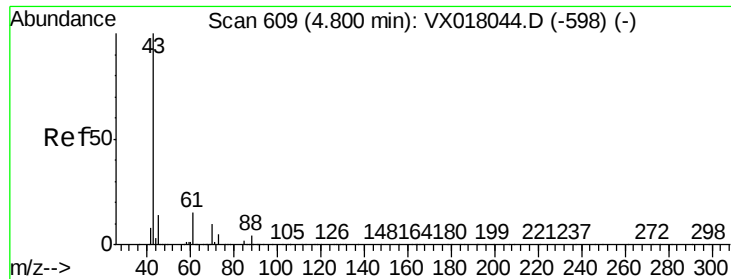


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

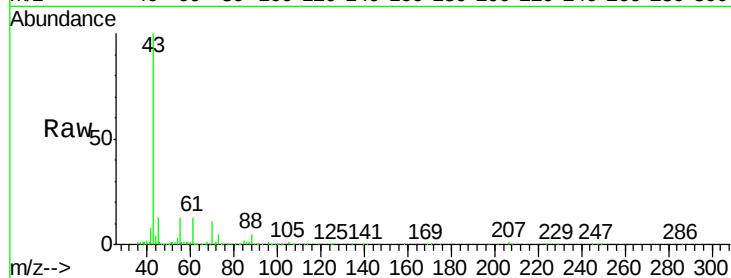




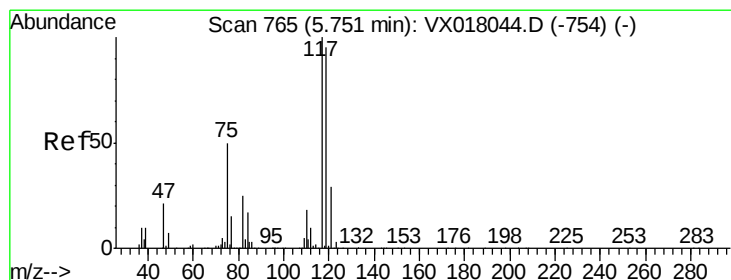
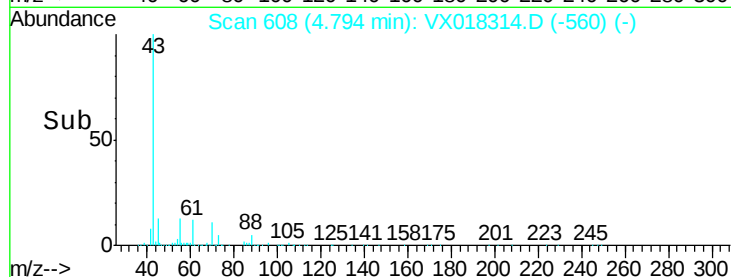
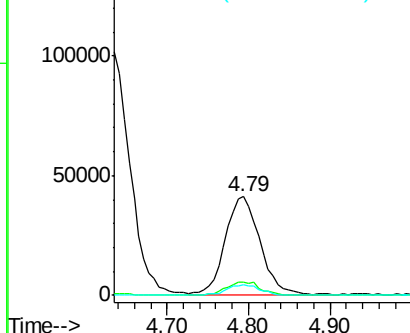
#37
Ethyl Acetate
Concen: 18.124 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.3	16.9
70	11.2	8.2	12.4

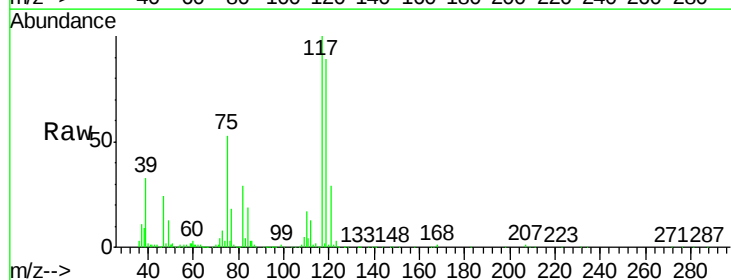


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

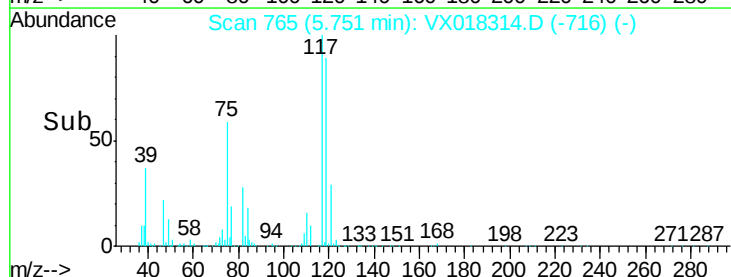
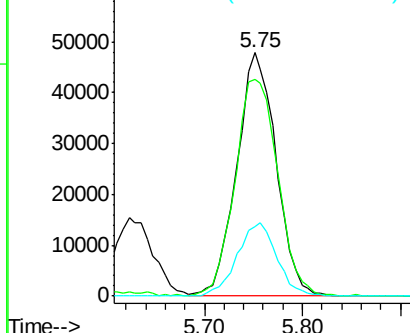


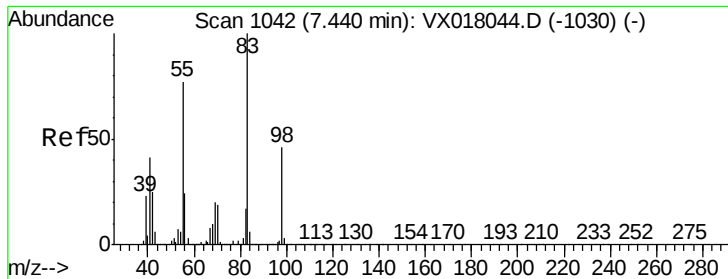
#38
Carbon Tetrachloride
Concen: 20.703 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.0	75.8	113.6
121	28.6	23.4	35.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

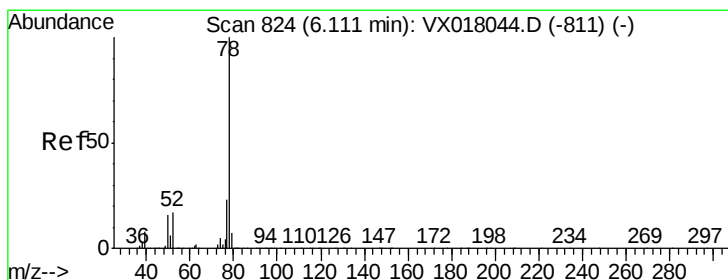
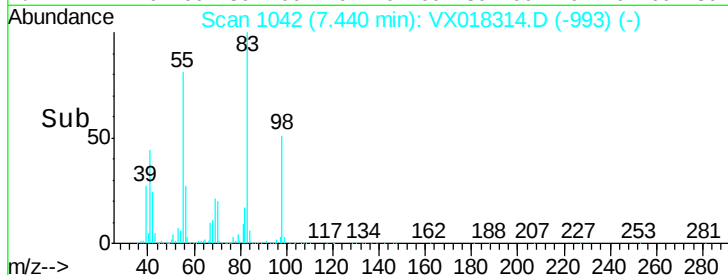
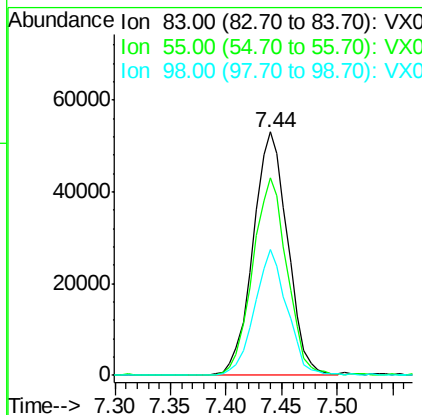
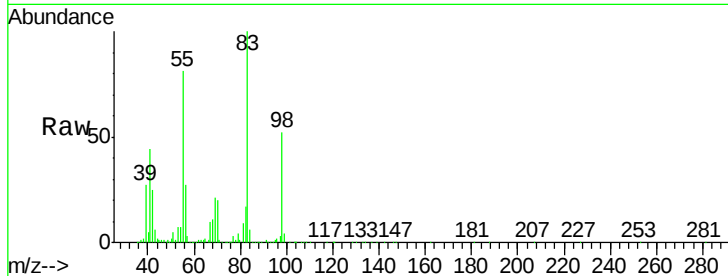




#39
Methylcyclohexane
Concen: 18.313 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

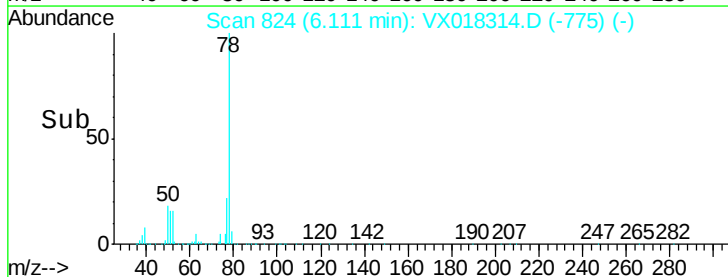
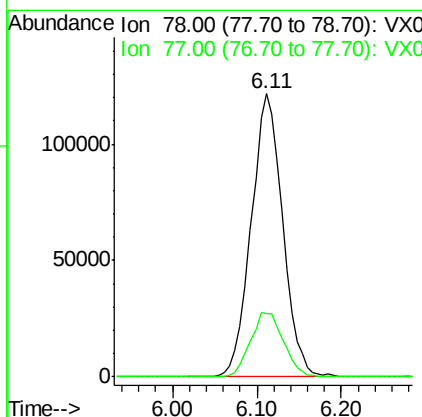
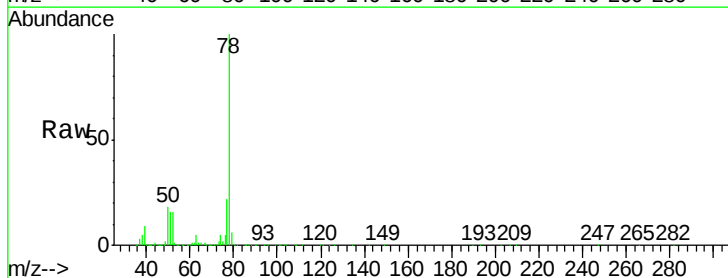
Instrument :
MSVOA_X
ClientSampled :
VX0909WBSD01

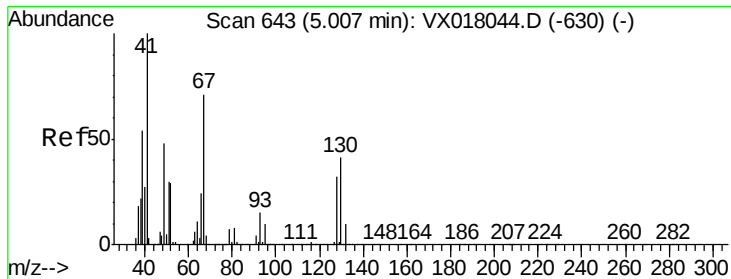
Tgt Ion: 83 Resp: 114603
Ion Ratio Lower Upper
83 100
55 81.3 61.8 92.6
98 51.7 36.6 55.0



#40
Benzene
Concen: 18.453 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion: 78 Resp: 310310
Ion Ratio Lower Upper
78 100
77 22.1 18.2 27.2





#41

Methacrylonitrile

Concen: 17.875 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

Tgt Ion: 41 Resp: 65238

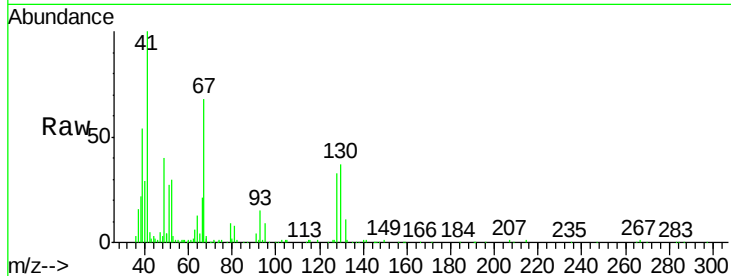
Ion Ratio Lower Upper

41 100

39 55.5 43.1 64.7

67 71.6 56.0 84.0

52 30.3 22.7 34.1

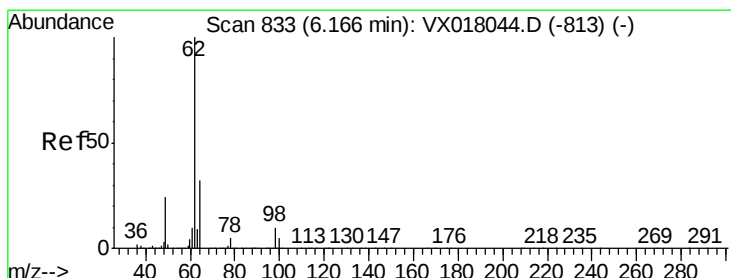
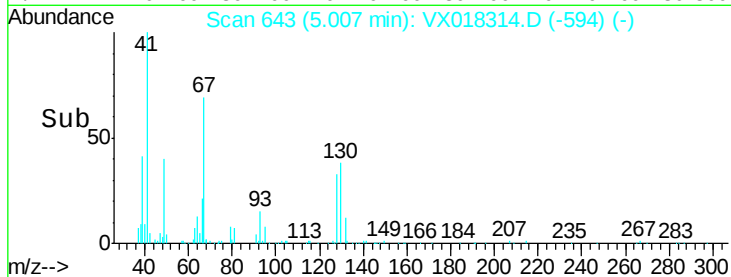
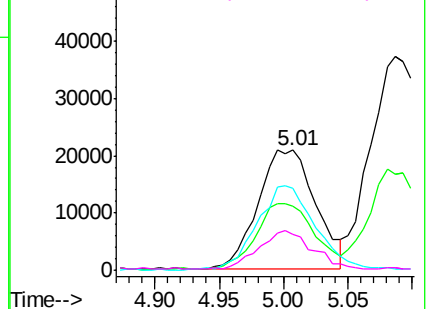


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.929 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX018314.D

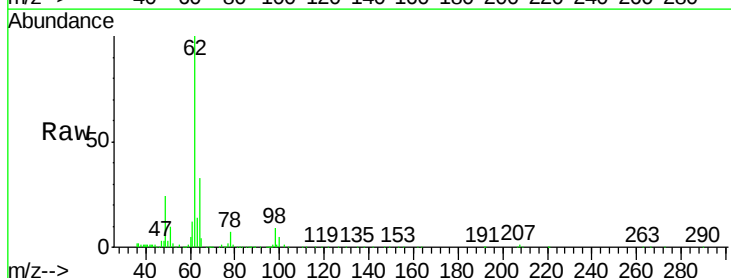
Acq: 09 Sep 2020 12:05

Tgt Ion: 62 Resp: 134847

Ion Ratio Lower Upper

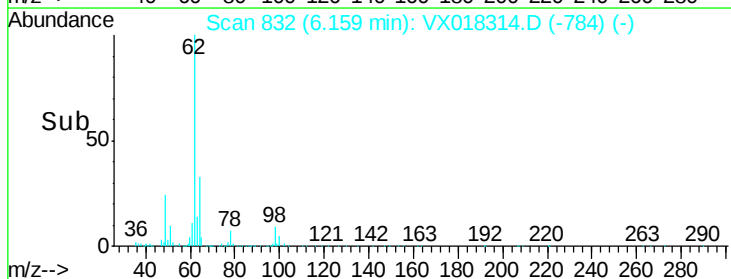
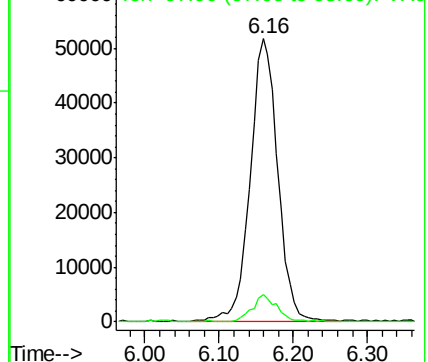
62 100

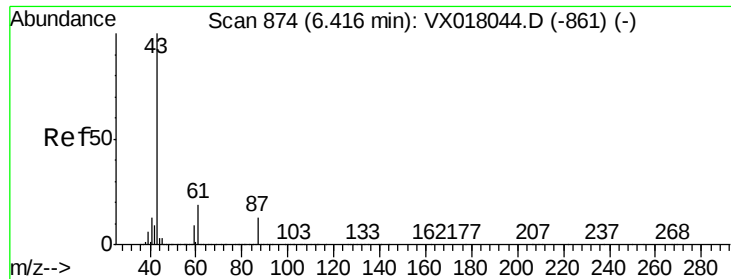
98 8.6 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.009 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampled :

VX0909WBSD01

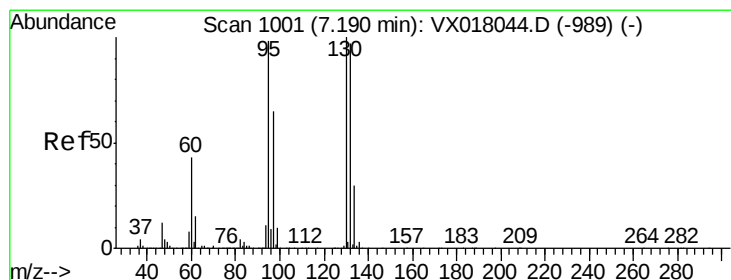
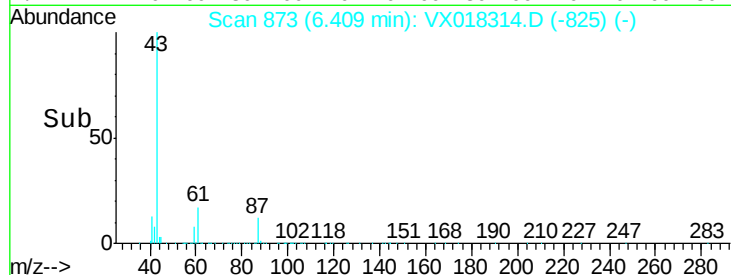
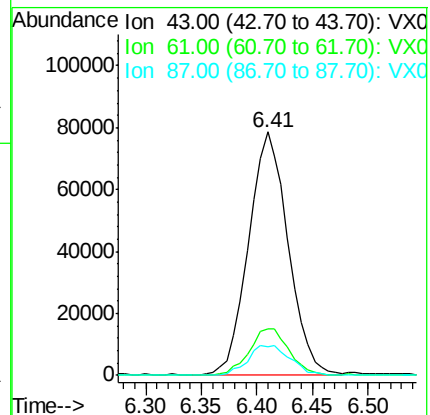
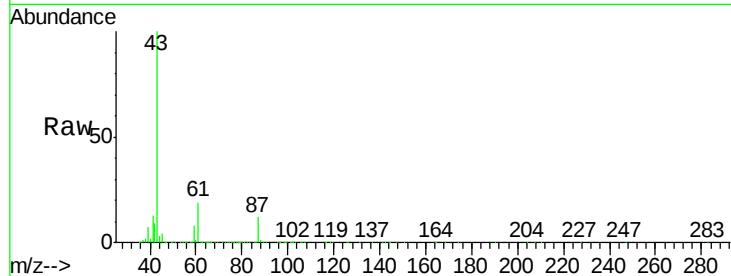
Tgt Ion: 43 Resp: 193350

Ion Ratio Lower Upper

43 100

61 19.4 15.7 23.5

87 13.5 10.3 15.5



#44

Trichloroethene

Concen: 19.003 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018314.D

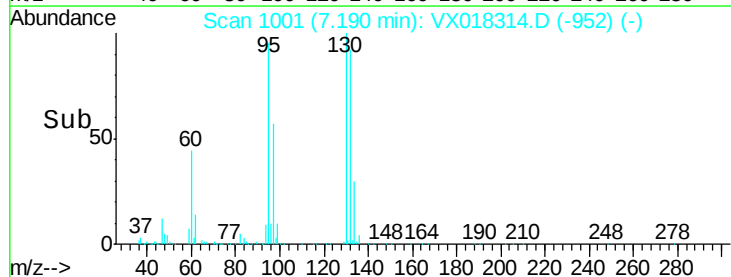
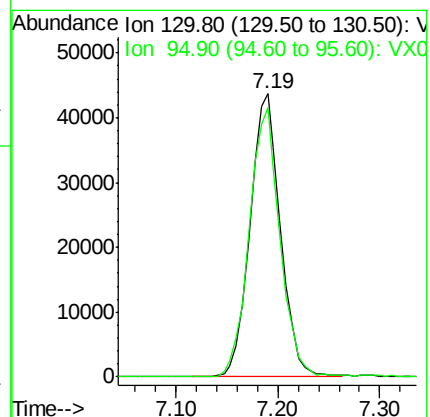
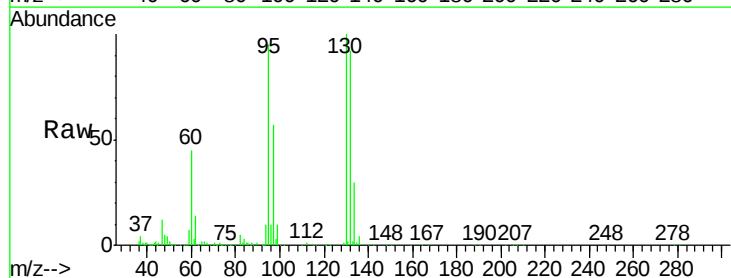
Acq: 09 Sep 2020 12:05

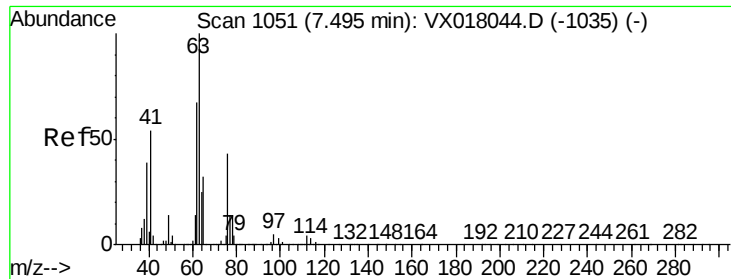
Tgt Ion: 130 Resp: 90294

Ion Ratio Lower Upper

130 100

95 95.3 0.0 196.4





#45

1,2-Dichloropropane

Concen: 18.979 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

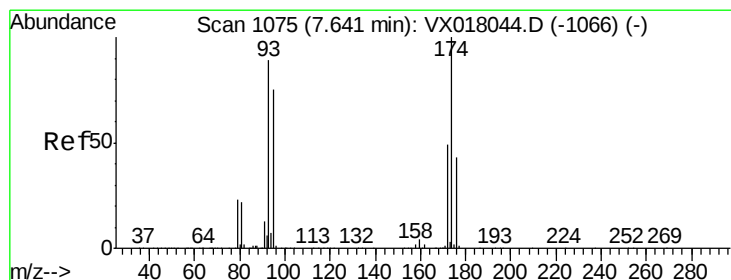
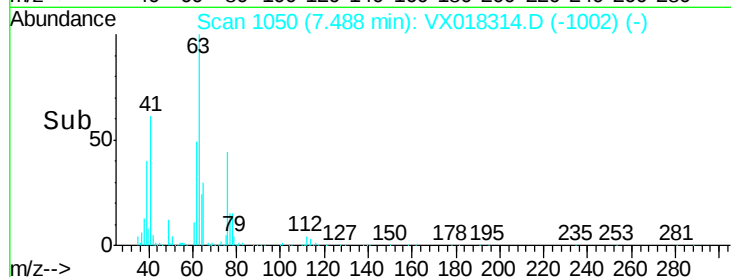
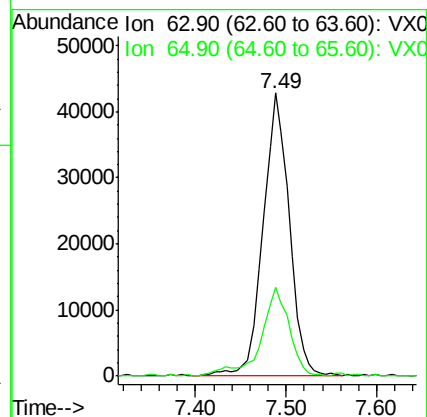
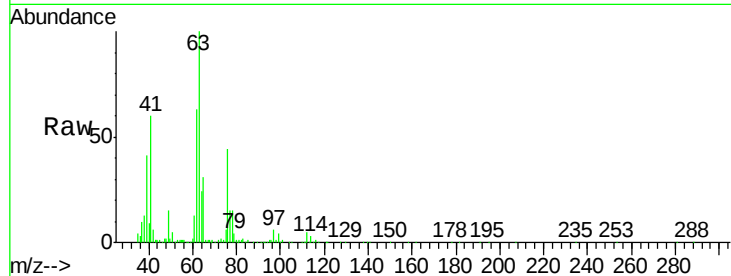
VX0909WBSD01

Tgt Ion: 63 Resp: 86020

Ion Ratio Lower Upper

63 100

65 31.2 25.7 38.5



#46

Dibromomethane

Concen: 19.835 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

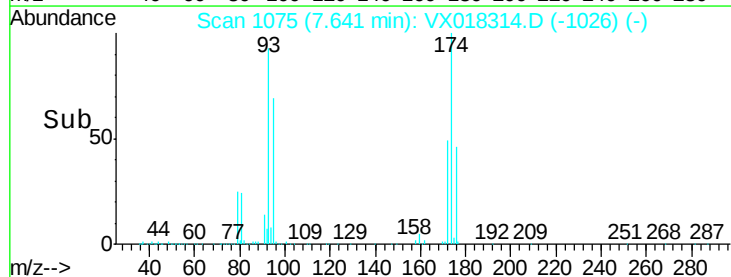
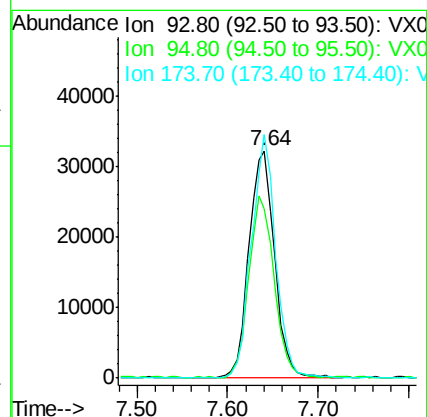
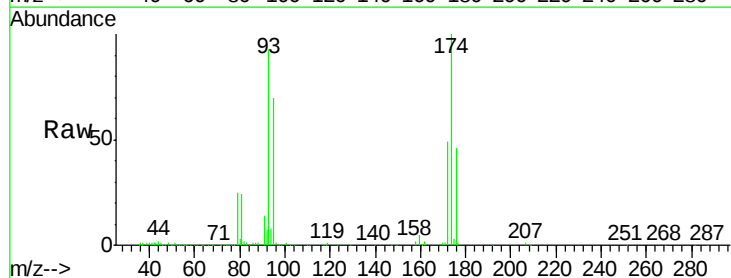
Tgt Ion: 93 Resp: 63218

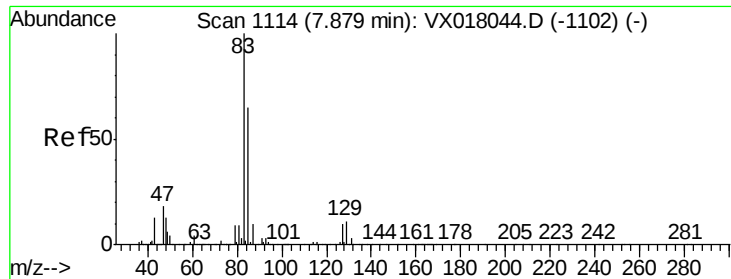
Ion Ratio Lower Upper

93 100

95 79.4 67.3 100.9

174 101.3 82.2 123.2





#47

Bromodichloromethane

Concen: 19.906 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

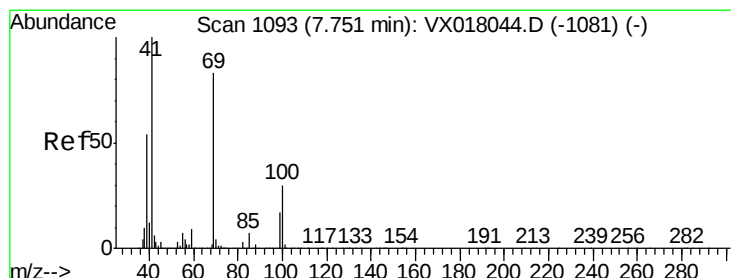
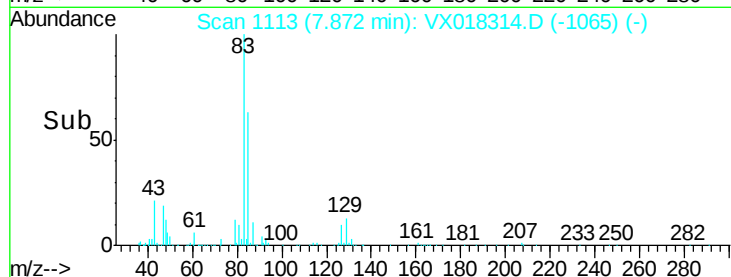
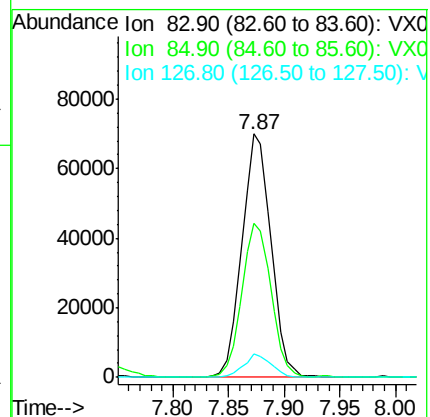
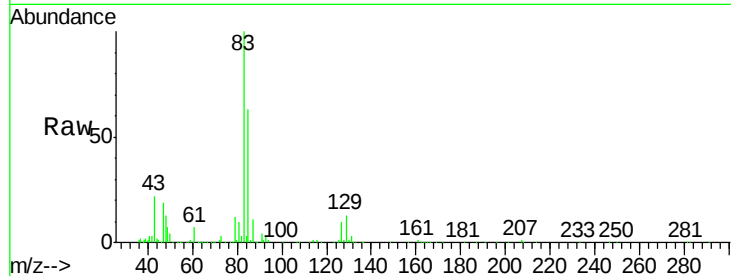
Tgt Ion: 83 Resp: 126679

Ion Ratio Lower Upper

83 100

85 62.9 51.8 77.6

127 9.8 7.7 11.5



#48

Methyl methacrylate

Concen: 17.962 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

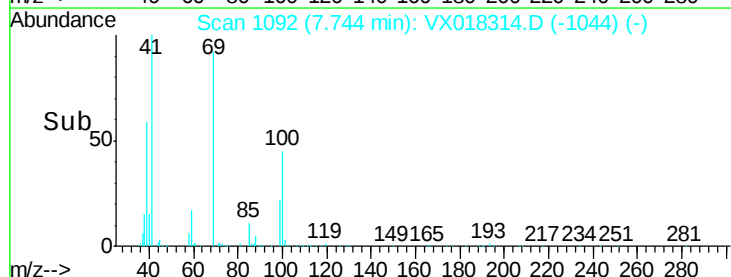
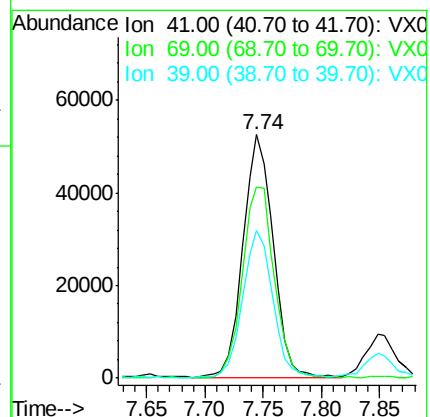
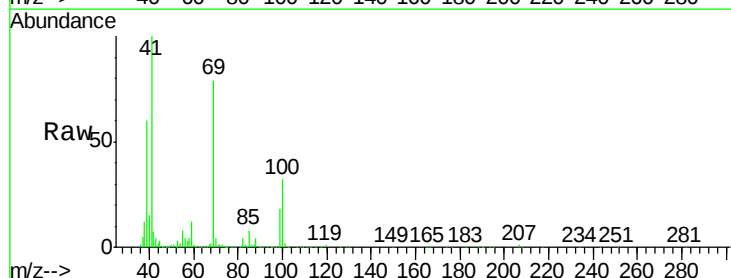
Tgt Ion: 41 Resp: 96001

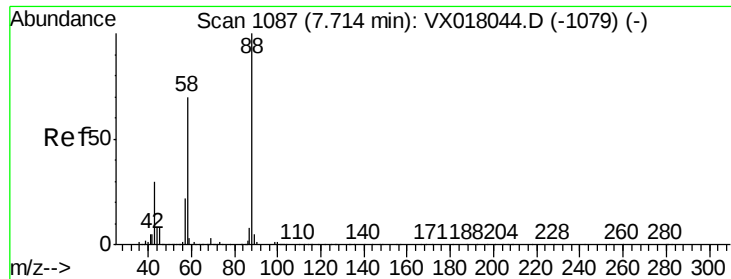
Ion Ratio Lower Upper

41 100

69 82.0 65.5 98.3

39 60.9 44.5 66.7





#49

1,4-Dioxane

Concen: 344.495 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

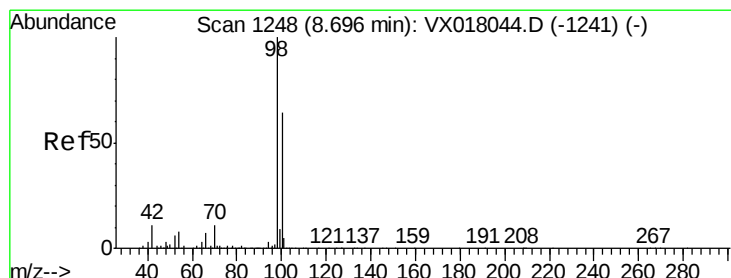
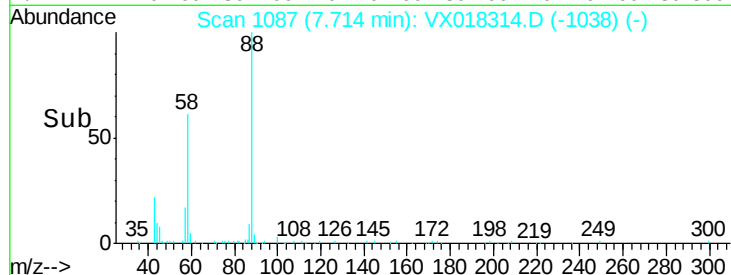
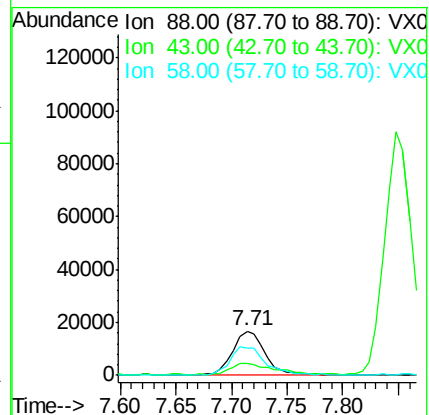
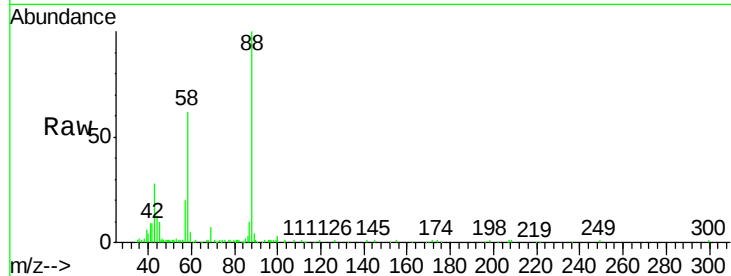
Tgt Ion: 88 Resp: 33351

Ion Ratio Lower Upper

88 100

43 34.1 27.4 41.0

58 73.2 56.4 84.6



#50

Toluene-d8

Concen: 47.769 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018314.D

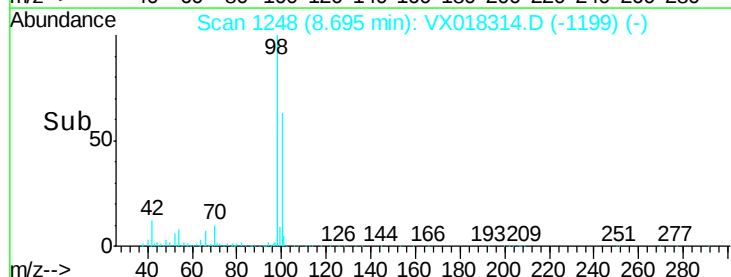
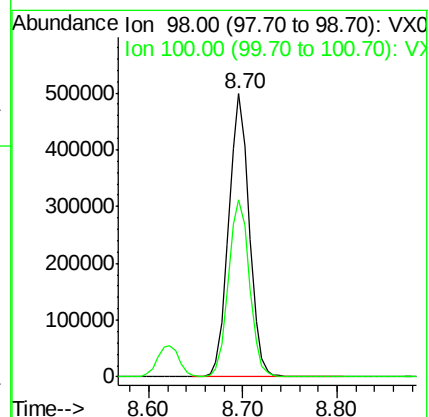
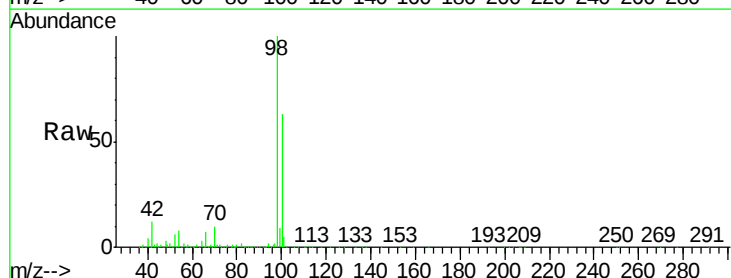
Acq: 09 Sep 2020 12:05

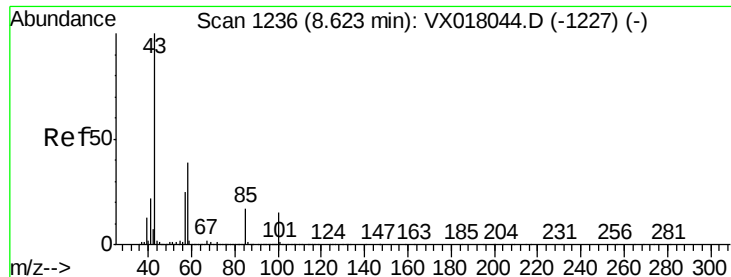
Tgt Ion: 98 Resp: 751850

Ion Ratio Lower Upper

98 100

100 64.4 52.2 78.4

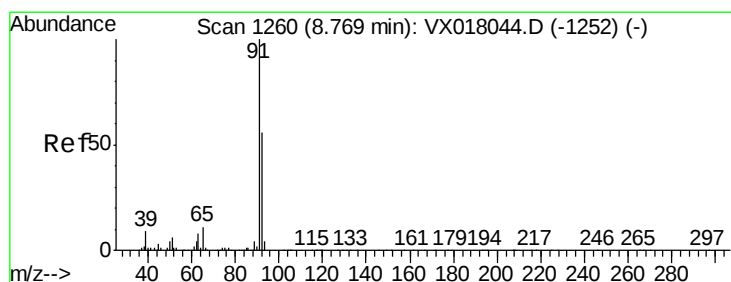
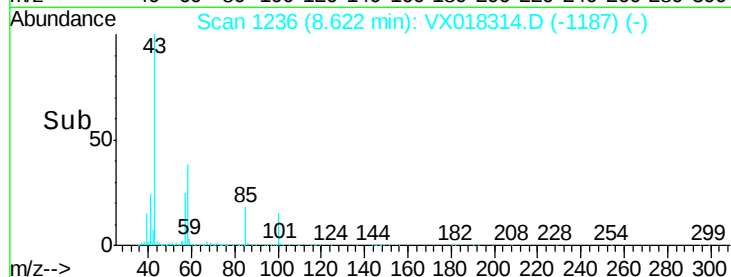
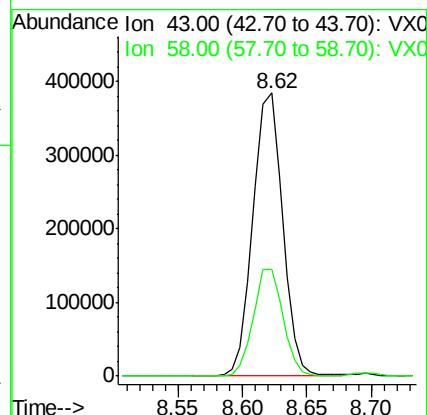
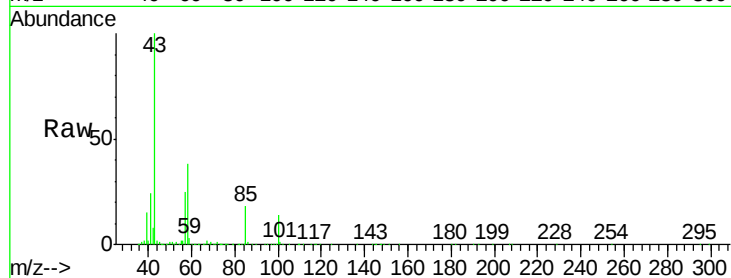




#51
 4-Methyl-2-Pentanone
 Concen: 92.340 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018314.D
 Acq: 09 Sep 2020 12:05

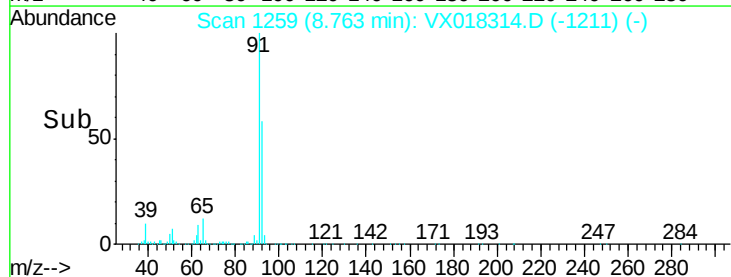
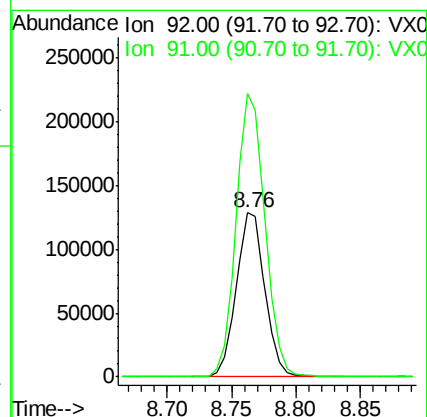
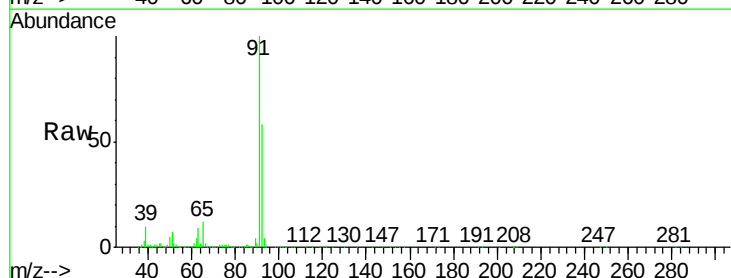
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBSD01

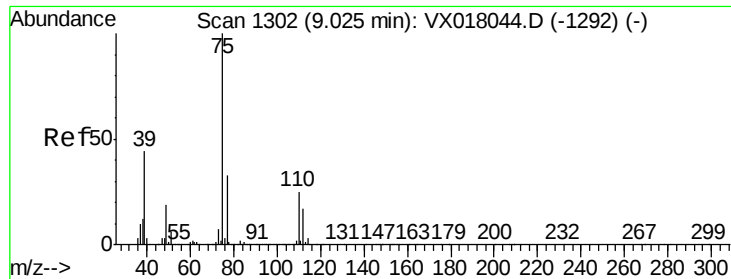
Tgt Ion: 43 Resp: 612380
 Ion Ratio Lower Upper
 43 100
 58 37.9 30.7 46.1



#52
 Toluene
 Concen: 18.669 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX018314.D
 Acq: 09 Sep 2020 12:05

Tgt Ion: 92 Resp: 199075
 Ion Ratio Lower Upper
 92 100
 91 174.2 140.3 210.5

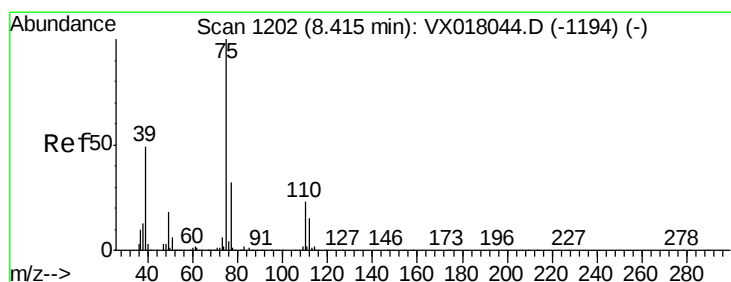
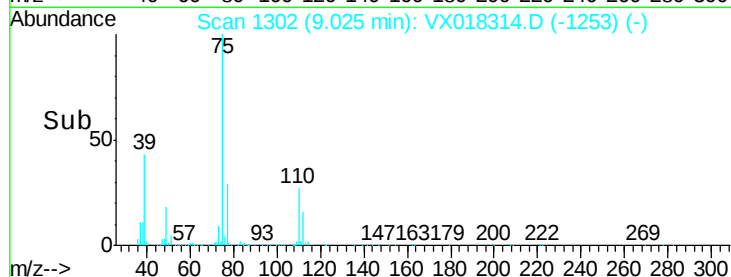
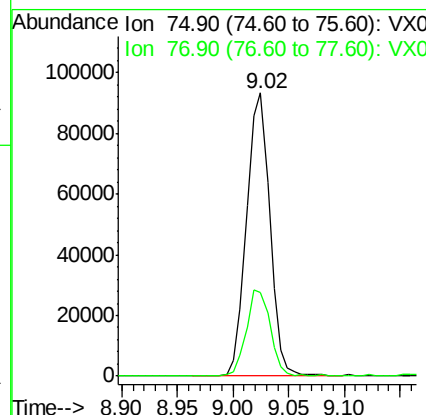
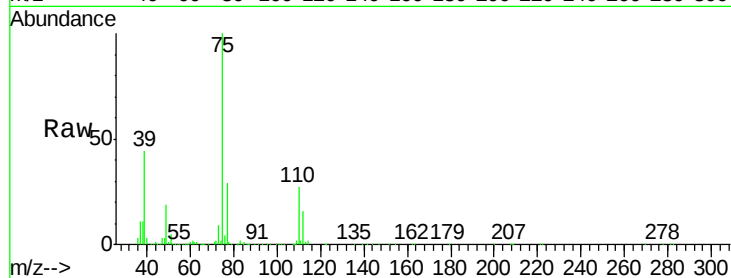




#53
 t-1,3-Dichloropropene
 Concen: 19.336 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX018314.D
 Acq: 09 Sep 2020 12:05

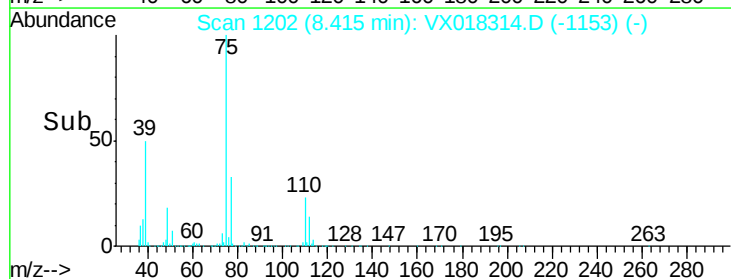
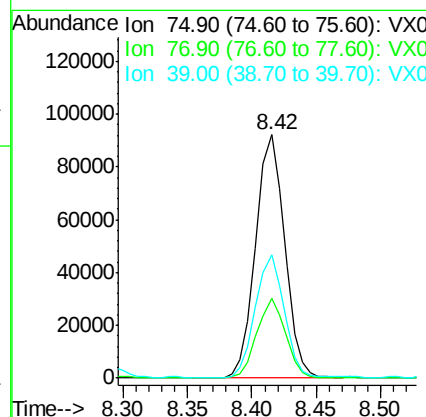
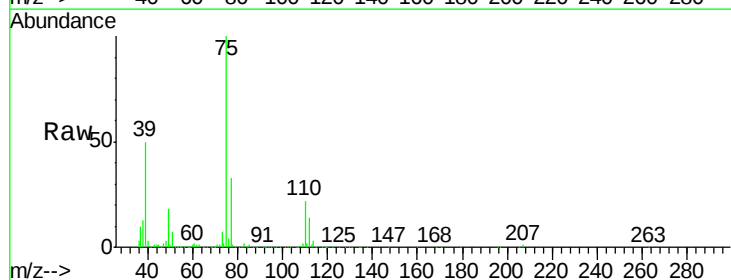
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBSD01

Tgt Ion: 75 Resp: 136378
 Ion Ratio Lower Upper
 75 100
 77 29.2 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.288 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018314.D
 Acq: 09 Sep 2020 12:05

Tgt Ion: 75 Resp: 144113
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.8 38.8
 39 50.2 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 18.815 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

Tgt Ion: 97 Resp: 85568

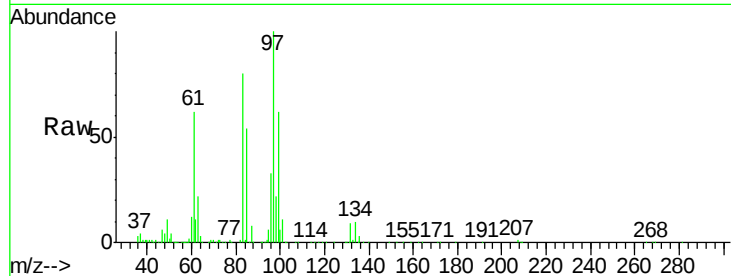
Ion Ratio Lower Upper

97 100

83 80.2 67.8 101.6

85 53.7 45.3 67.9

99 61.5 50.9 76.3

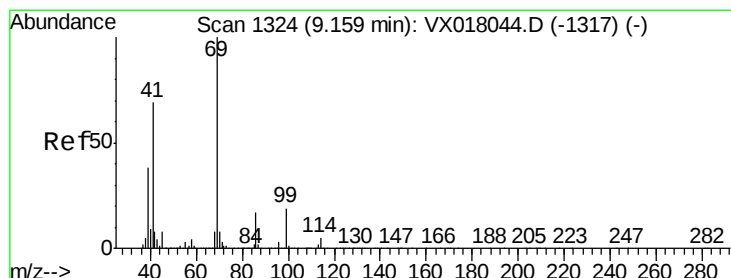
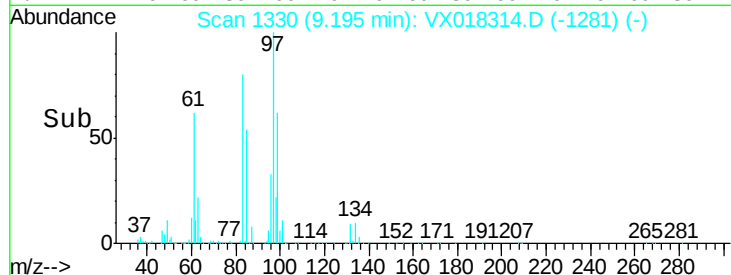
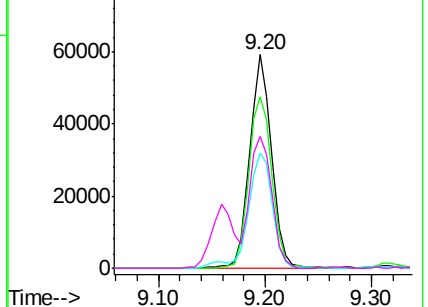


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.036 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

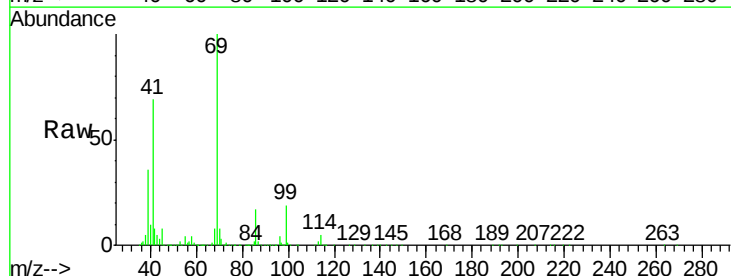
Tgt Ion: 69 Resp: 121941

Ion Ratio Lower Upper

69 100

41 67.4 54.6 81.8

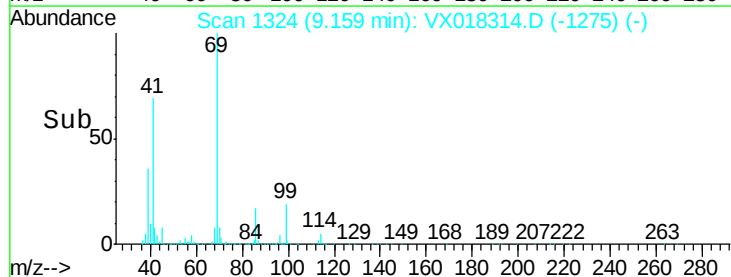
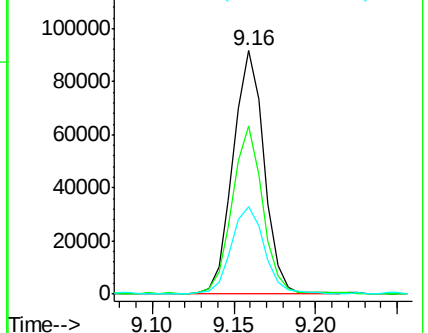
39 38.1 29.1 43.7

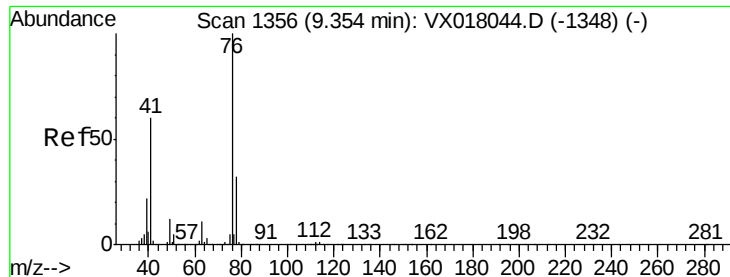


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.021 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

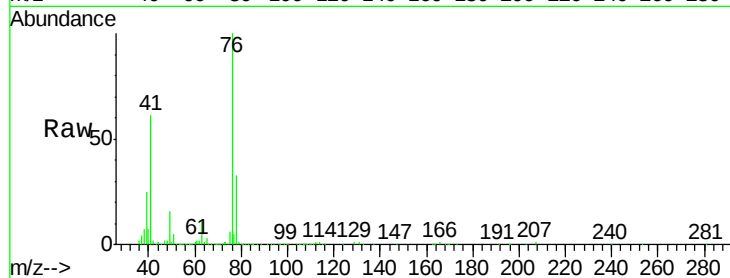
VX0909WBSD01

Tgt Ion: 76 Resp: 142677

Ion Ratio Lower Upper

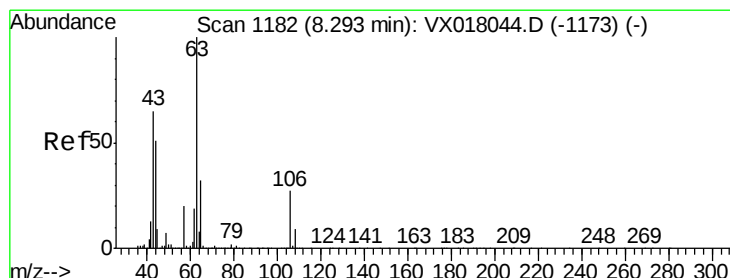
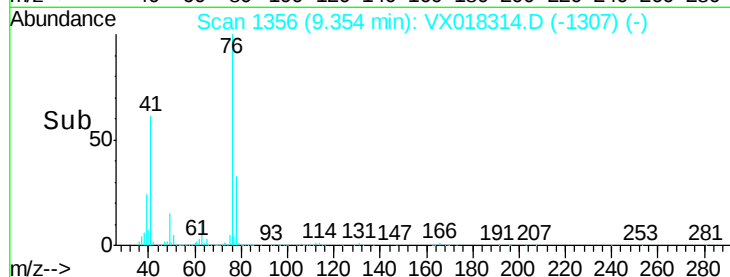
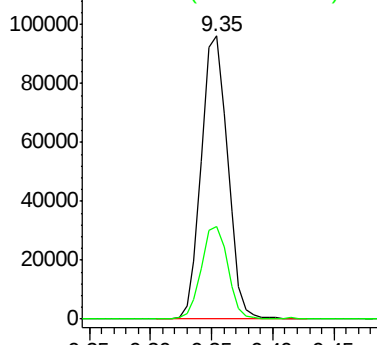
76 100

78 32.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.887 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018314.D

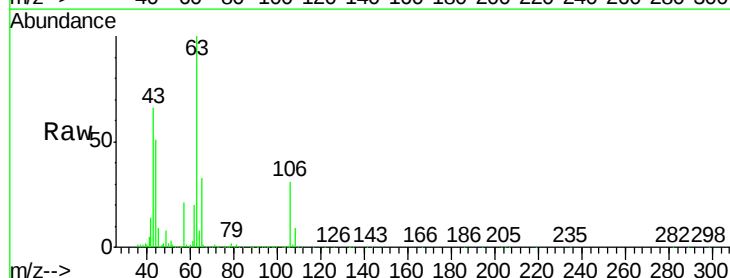
Acq: 09 Sep 2020 12:05

Tgt Ion: 63 Resp: 291624

Ion Ratio Lower Upper

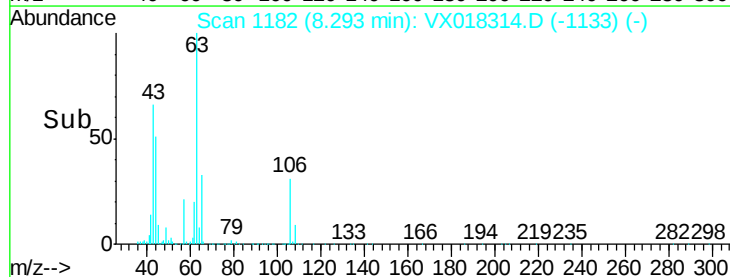
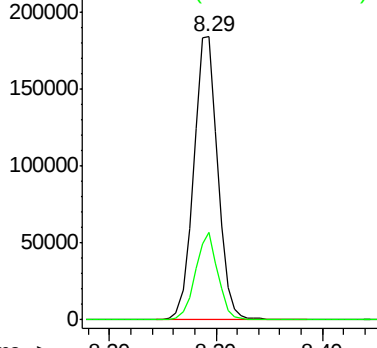
63 100

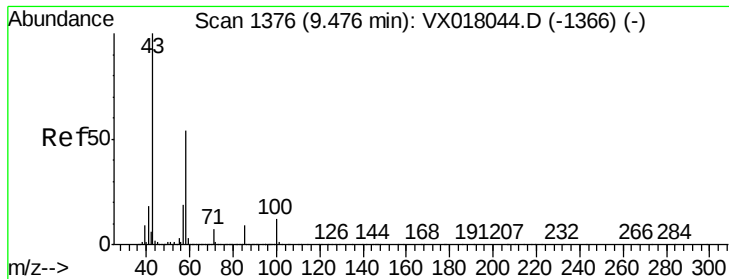
106 28.6 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

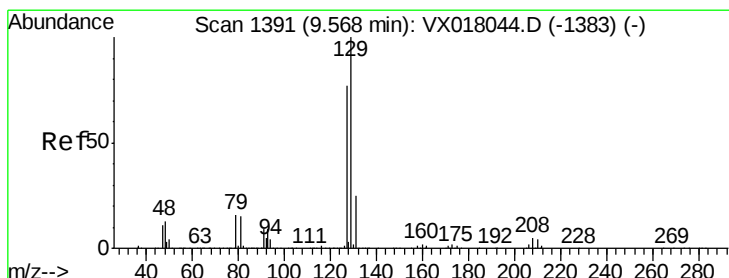
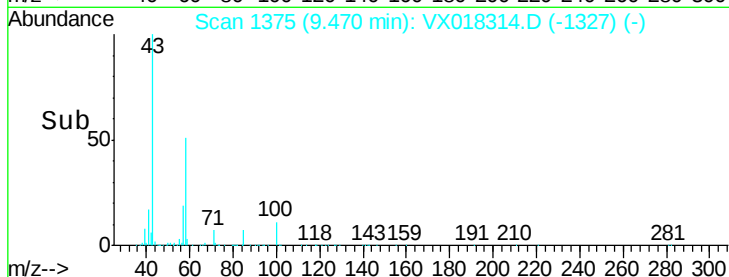
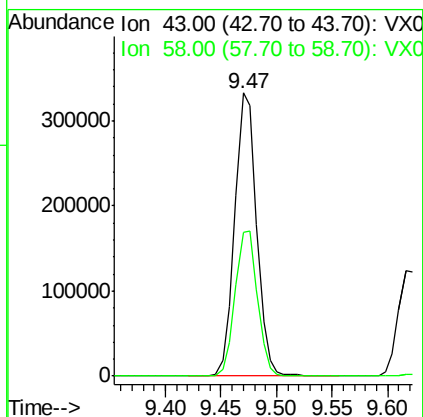
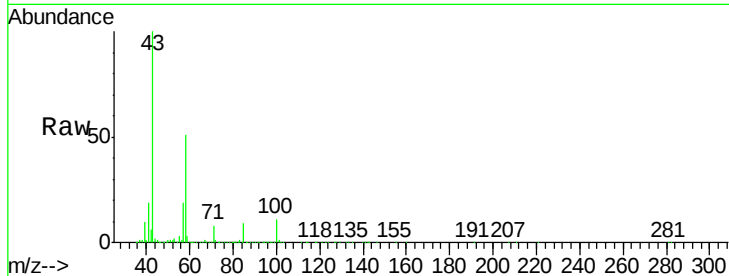




#59
2-Hexanone
Concen: 89.679 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

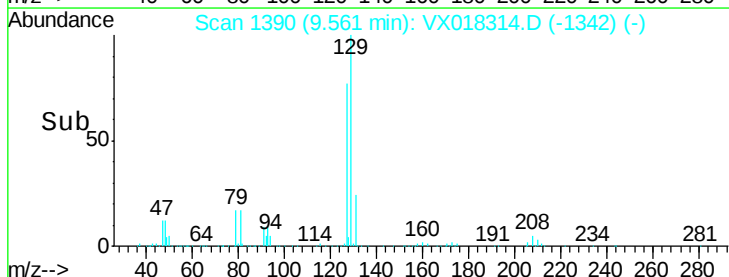
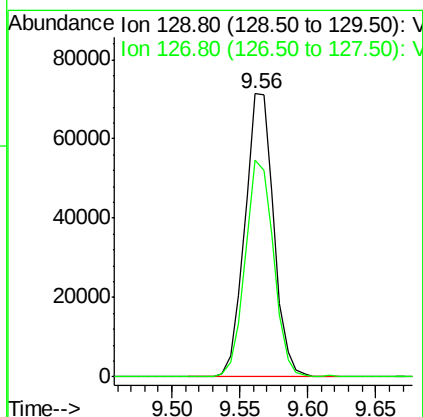
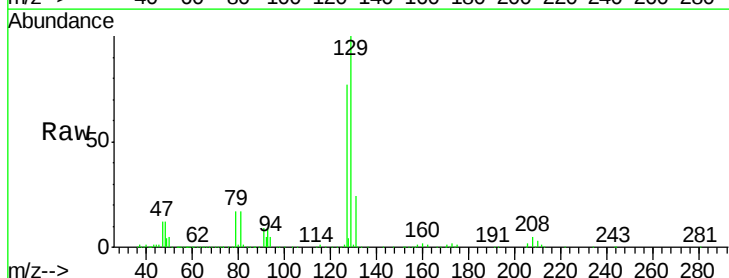
Instrument :
MSVOA_X
ClientSampleId :
VX0909WBSD01

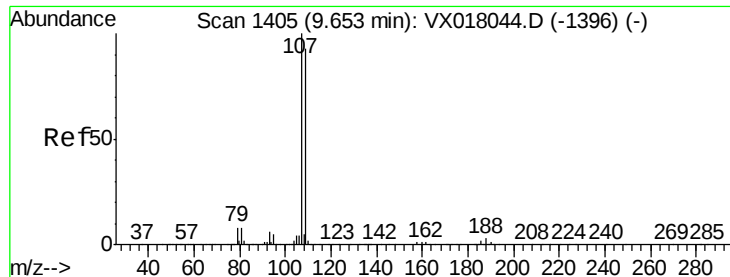
Tgt Ion: 43 Resp: 452225
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.7



#60
Dibromochloromethane
Concen: 19.847 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion: 129 Resp: 105882
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.6

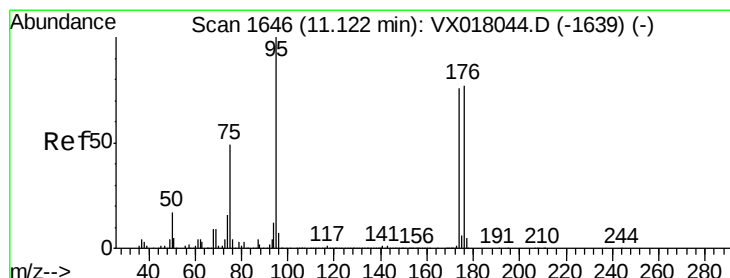
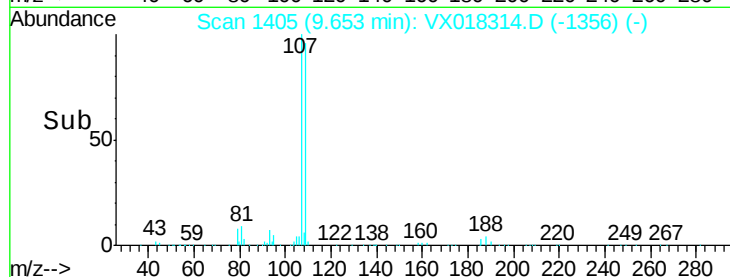
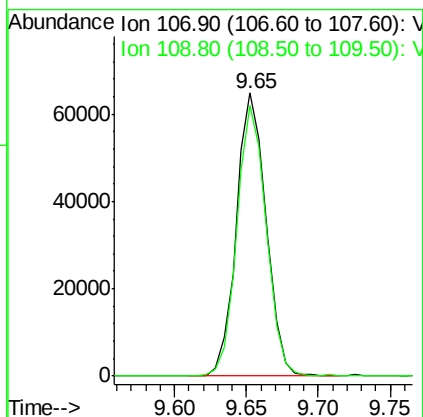
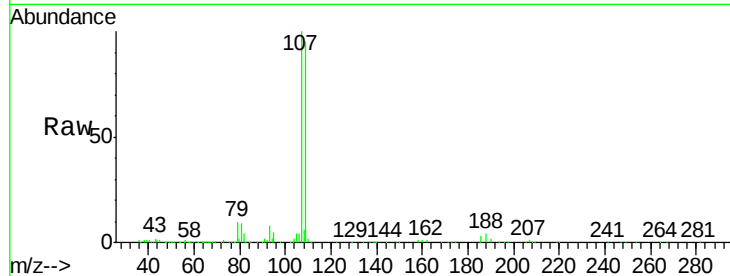




#61
 1,2-Dibromoethane
 Concen: 18.816 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018314.D
 Acq: 09 Sep 2020 12:05

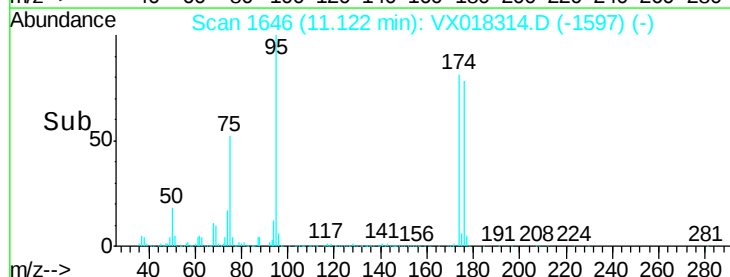
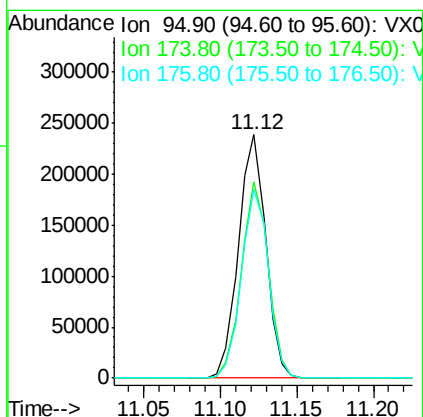
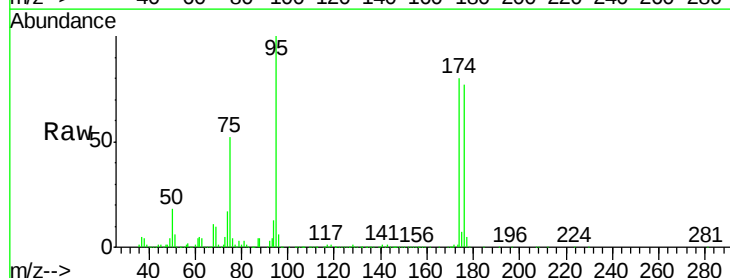
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBSD01

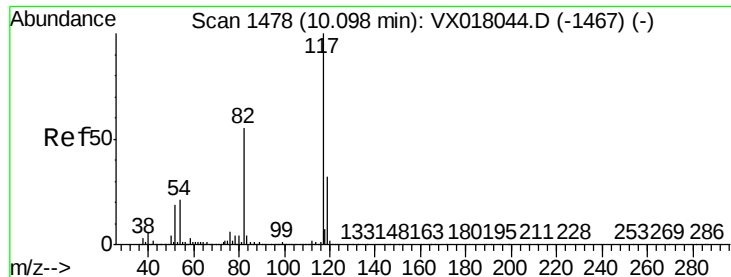
Tgt Ion: 107 Resp: 92903
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 47.761 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018314.D
 Acq: 09 Sep 2020 12:05

Tgt Ion: 95 Resp: 295757
 Ion Ratio Lower Upper
 95 100
 174 79.9 0.0 160.2
 176 76.7 0.0 155.8

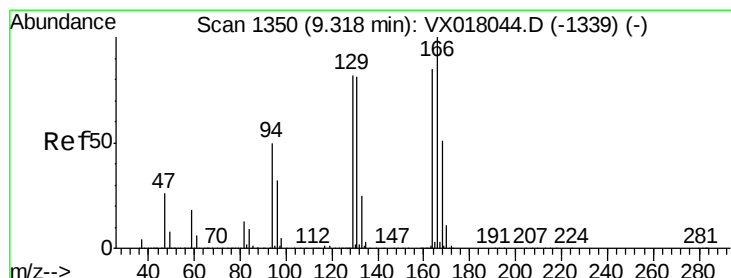
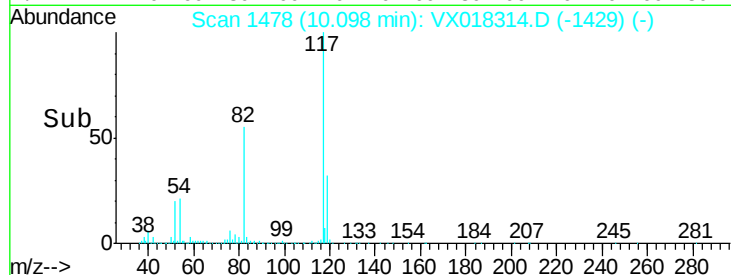
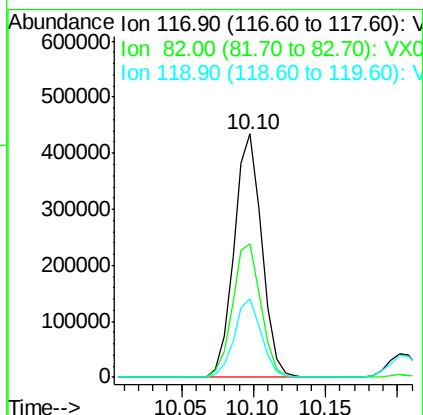
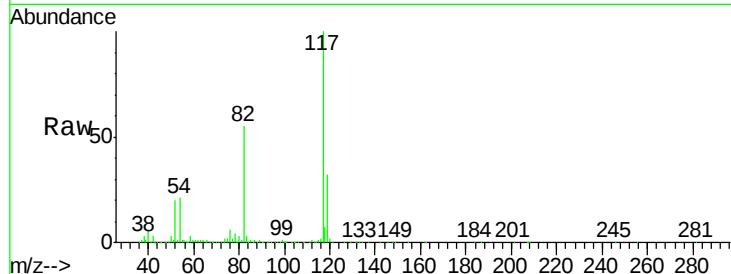




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

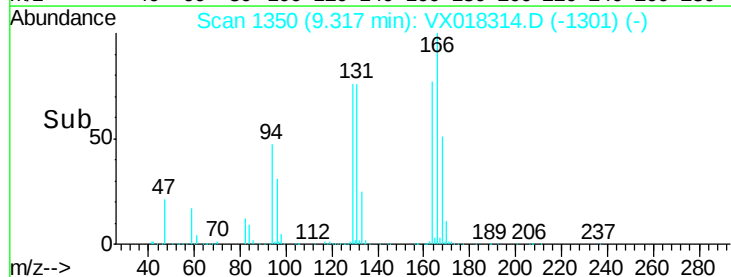
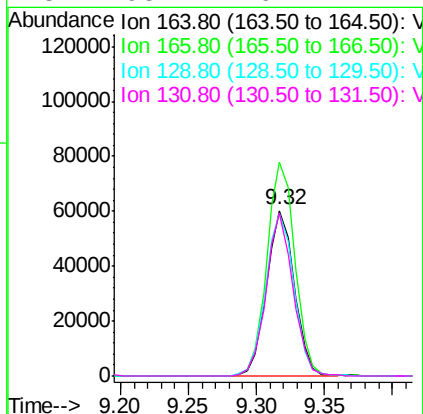
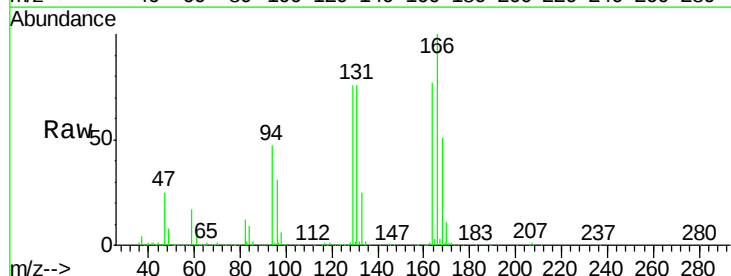
Instrument :
MSVOA_X
ClientSampleId :
VX0909WBSD01

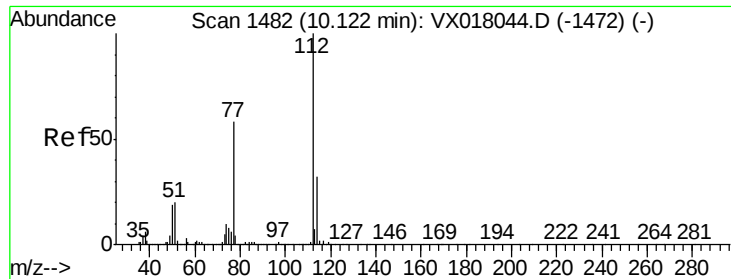
Tgt Ion:117 Resp: 583914
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 20.241 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion:164 Resp: 86855
Ion Ratio Lower Upper
164 100
166 129.2 94.2 141.2
129 98.6 76.9 115.3
131 98.1 76.1 114.1





#65

Chlorobenzene

Concen: 19.274 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

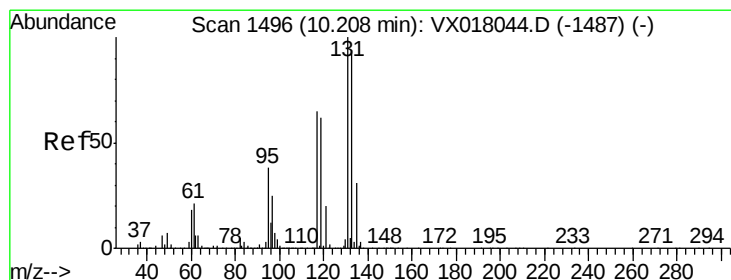
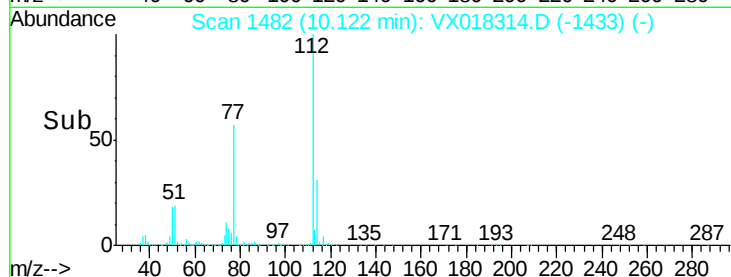
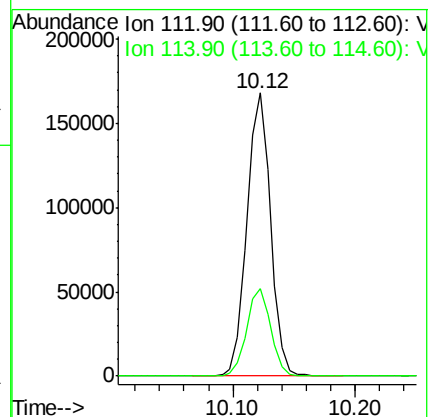
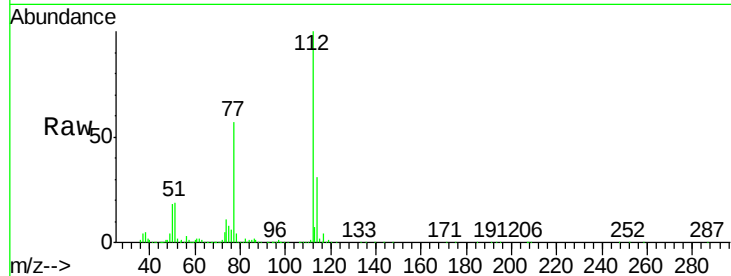
VX0909WBSD01

Tgt Ion:112 Resp: 224773

Ion Ratio Lower Upper

112 100

114 30.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 19.940 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

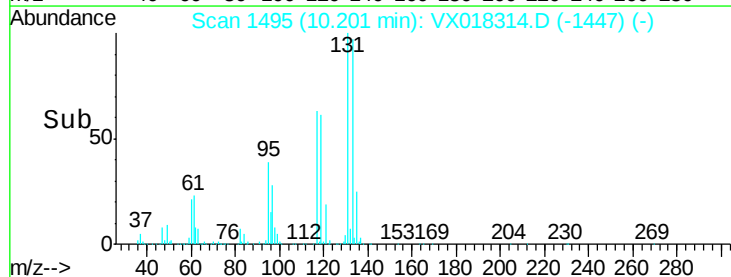
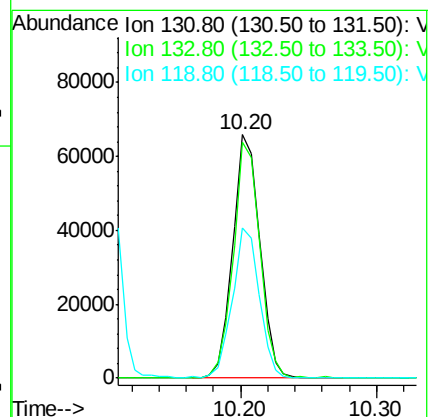
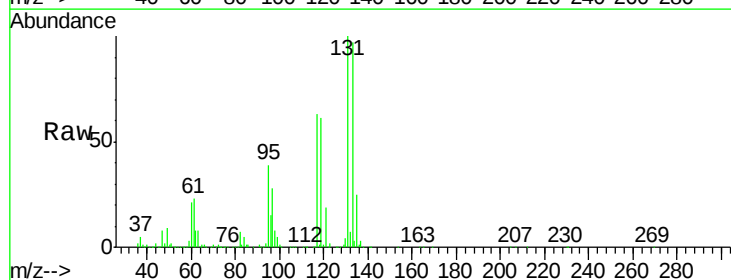
Tgt Ion:131 Resp: 91651

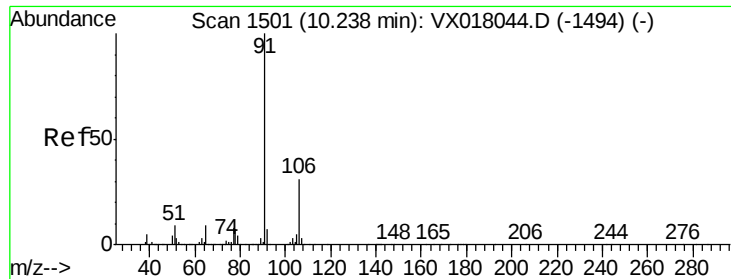
Ion Ratio Lower Upper

131 100

133 94.1 46.7 140.1

119 61.1 31.8 95.4

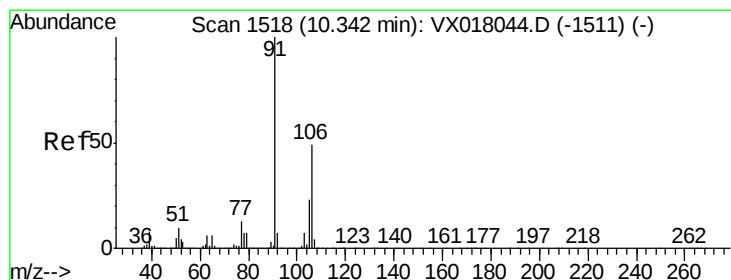
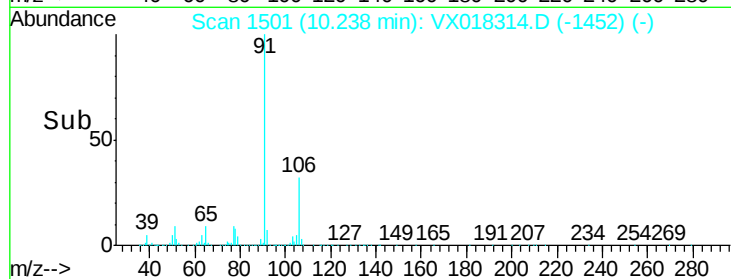
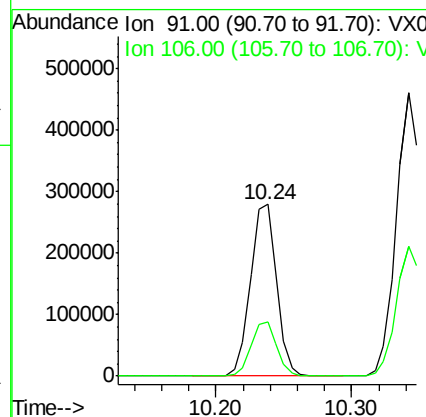
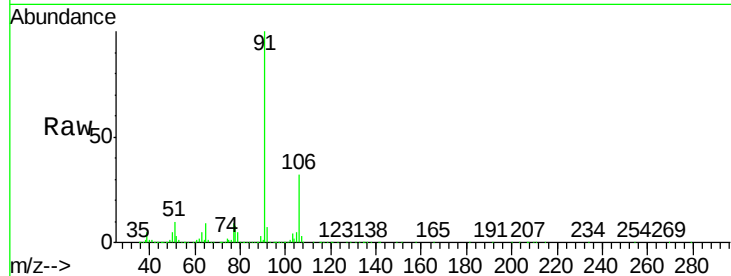




#67
Ethyl Benzene
Concen: 18.962 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

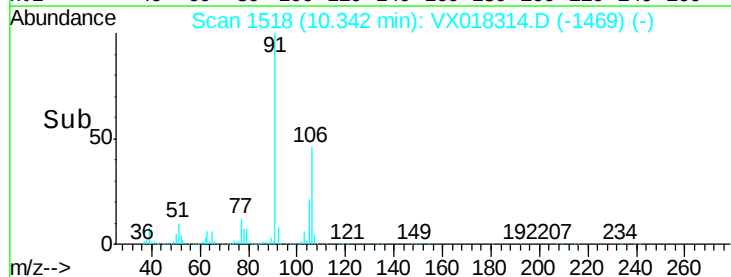
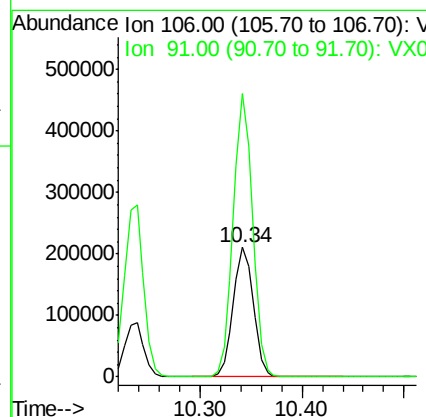
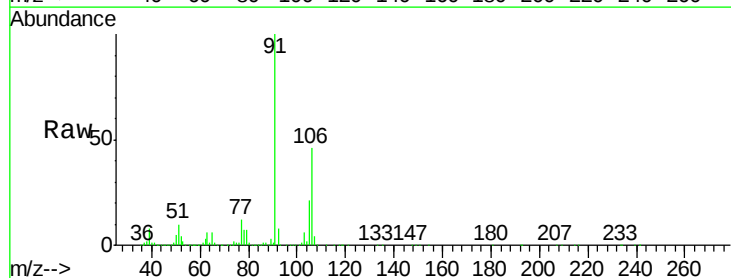
Instrument :
MSVOA_X
ClientSampleId :
VX0909WBSD01

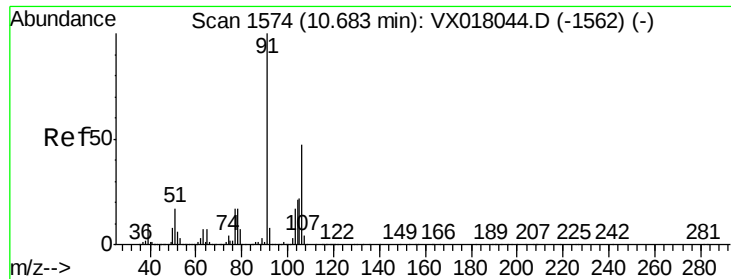
Tgt Ion: 91 Resp: 376061
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 38.804 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion: 106 Resp: 287240
Ion Ratio Lower Upper
106 100
91 209.7 162.2 243.2

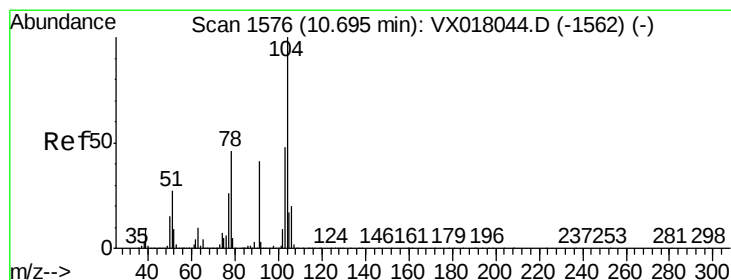
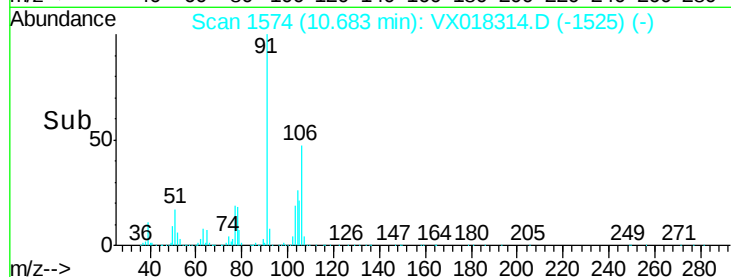
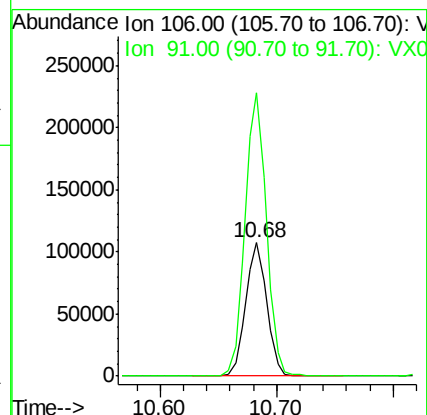
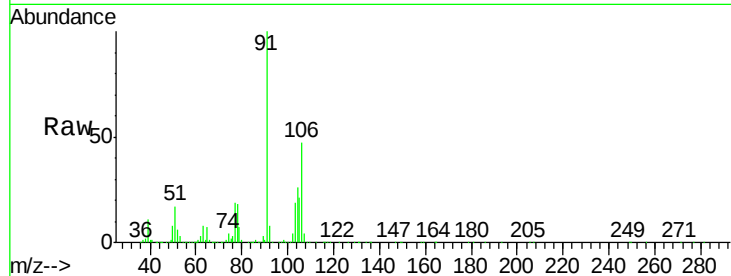




#69
o-Xylene
Concen: 19.015 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

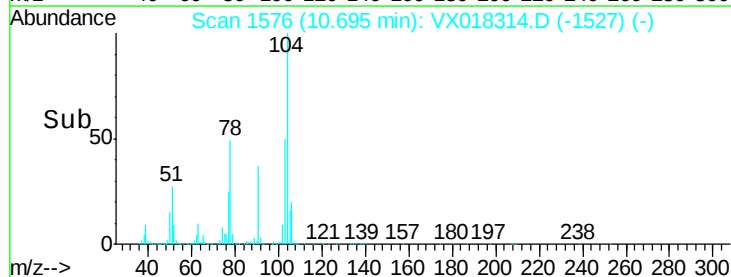
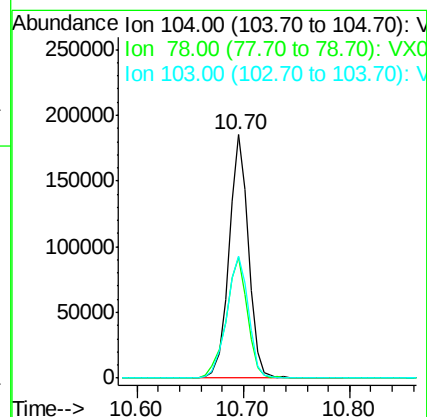
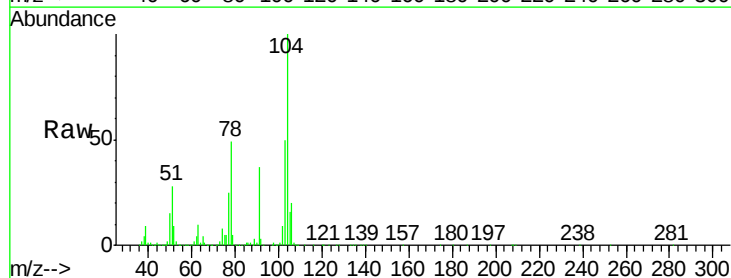
Instrument :
MSVOA_X
ClientSampled :
VX0909WBSD01

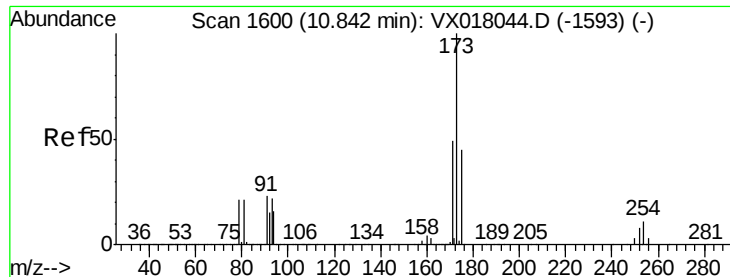
Tgt Ion:106 Resp: 136451
Ion Ratio Lower Upper
106 100
91 213.7 107.1 321.3



#70
Styrene
Concen: 19.283 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion:104 Resp: 235642
Ion Ratio Lower Upper
104 100
78 54.4 40.9 61.3
103 56.1 43.6 65.4

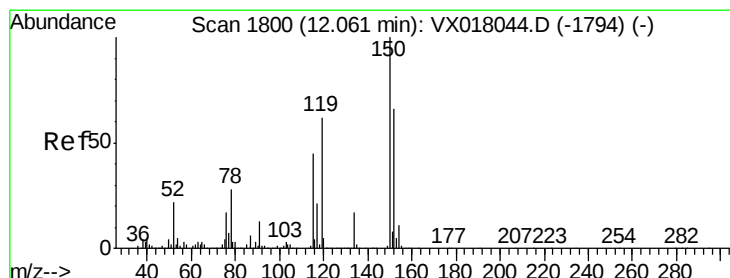
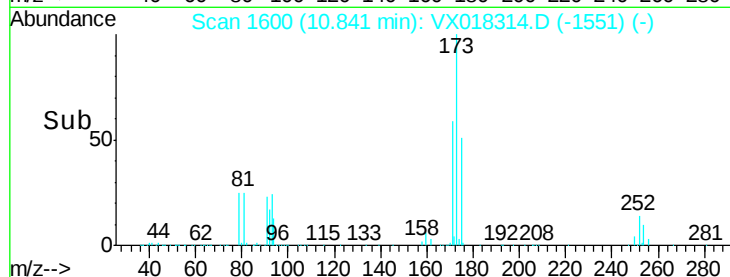
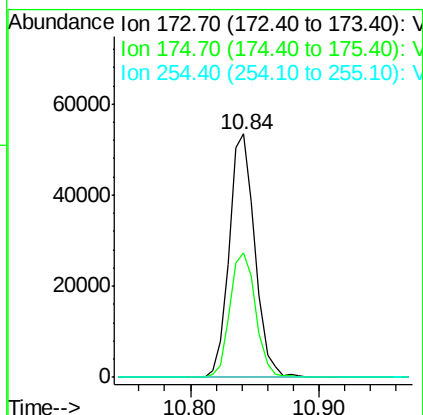
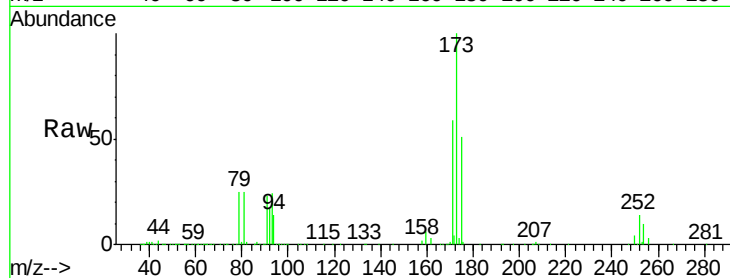




#71
Bromoform
Concen: 19.026 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

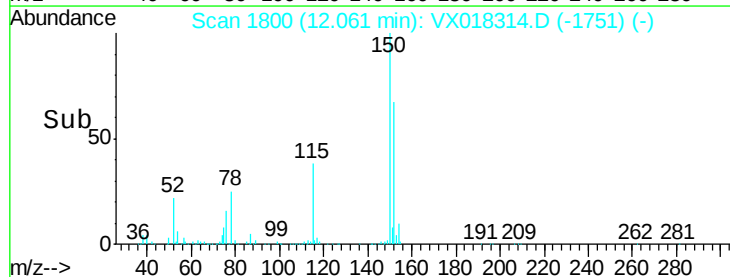
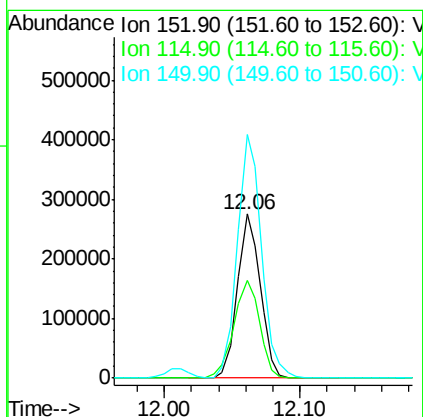
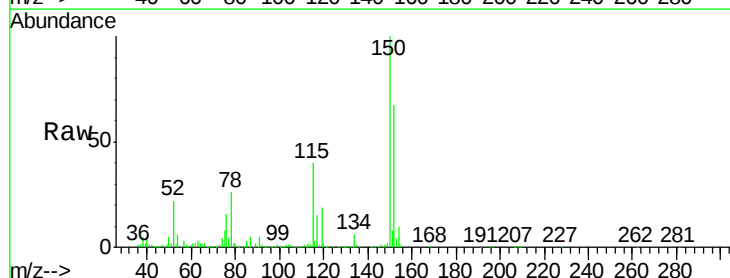
Instrument :
MSVOA_X
ClientSampled :
VX0909WBSD01

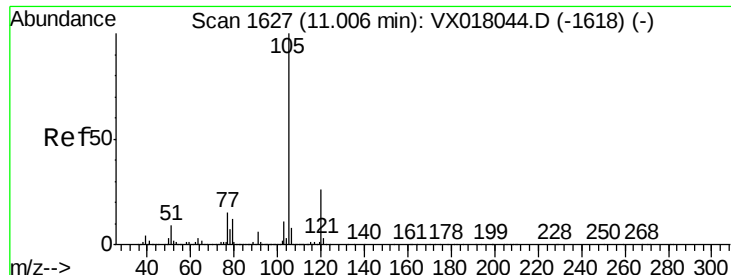
Tgt Ion:173 Resp: 74591
Ion Ratio Lower Upper
173 100
175 51.5 23.9 71.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion:152 Resp: 322766
Ion Ratio Lower Upper
152 100
115 67.0 41.5 124.5
150 156.3 0.0 343.8





#73

Isopropylbenzene

Concen: 17.794 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

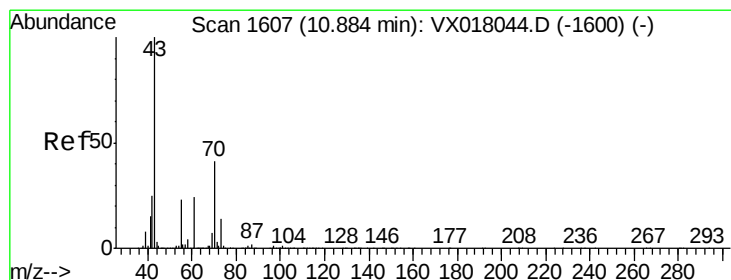
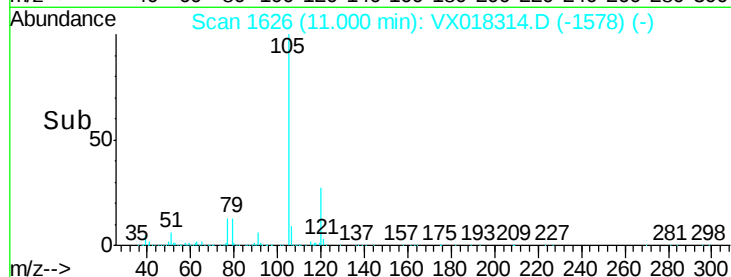
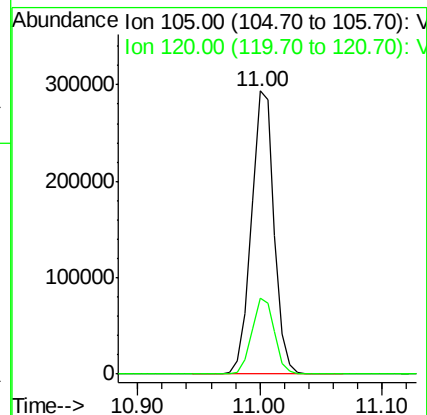
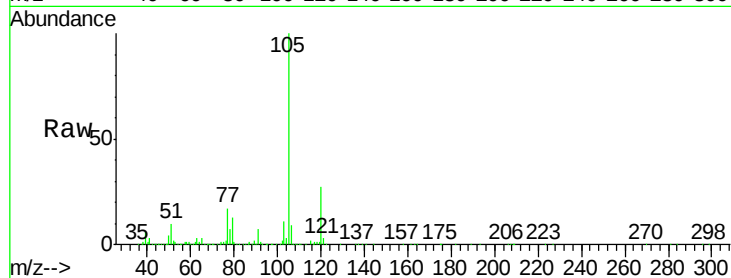
VX0909WBSD01

Tgt Ion: 105 Resp: 378836

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



#74

N-ethyl acetate

Concen: 16.406 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Tgt Ion: 43 Resp: 165728

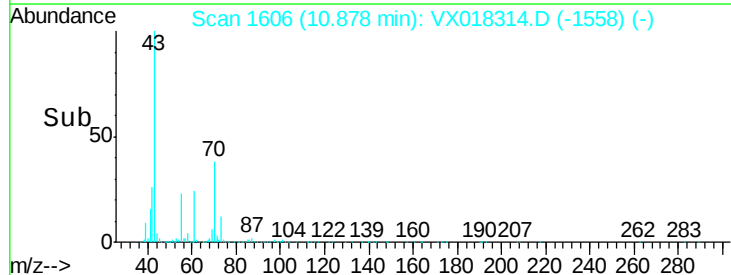
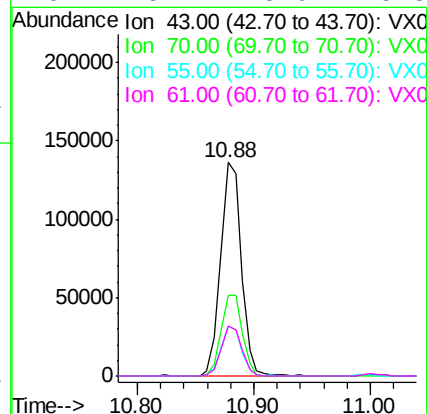
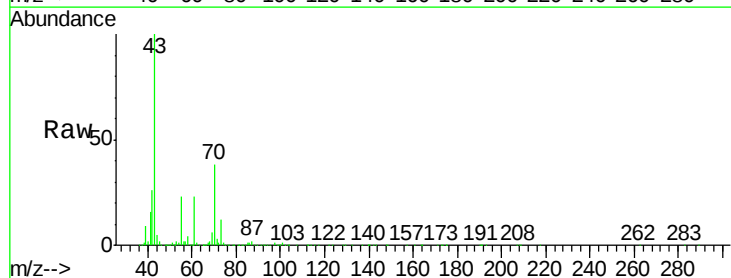
Ion Ratio Lower Upper

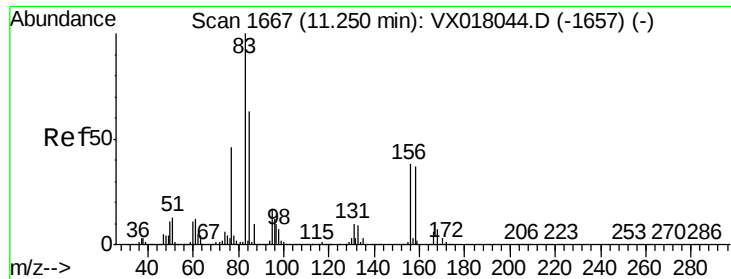
43 100

70 39.1 32.3 48.5

55 23.4 18.2 27.2

61 23.1 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.298 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

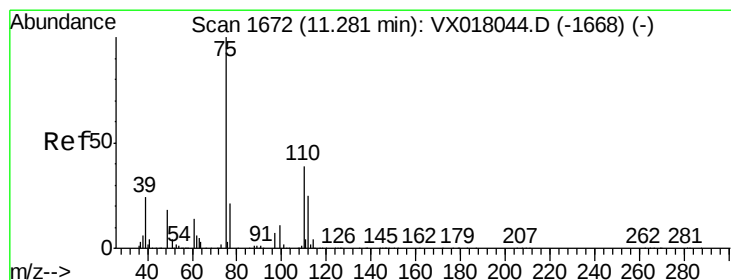
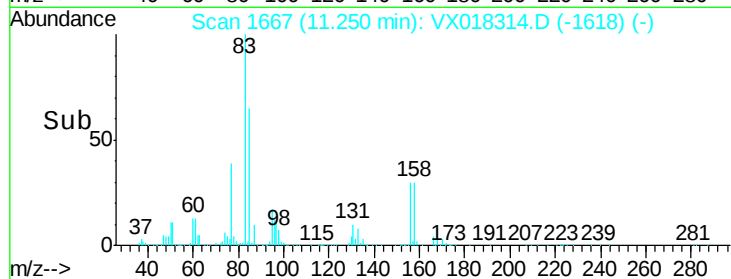
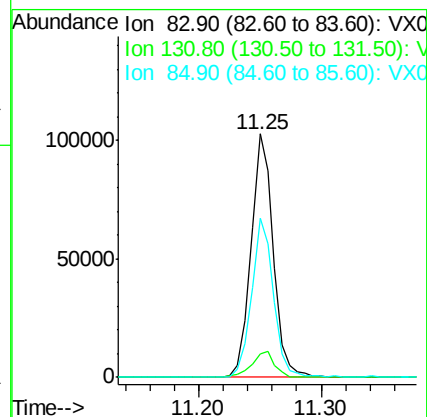
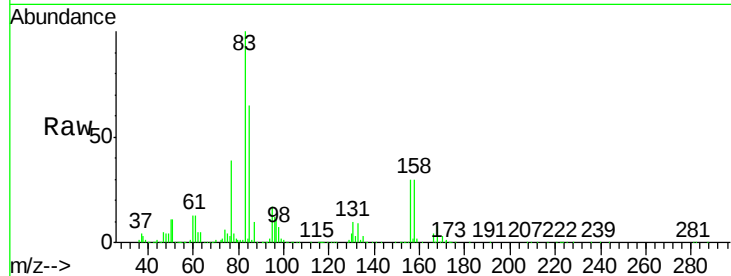
Tgt Ion: 83 Resp: 129912

Ion Ratio Lower Upper

83 100

131 11.0 5.1 15.4

85 64.9 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 21.820 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018314.D

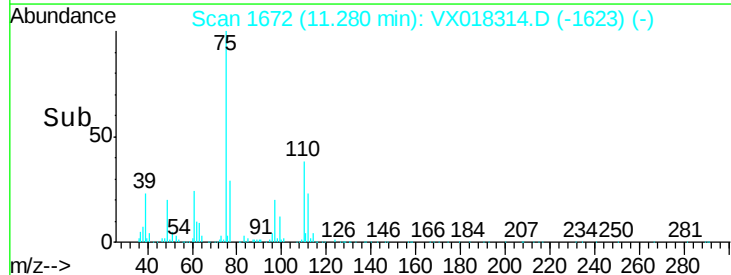
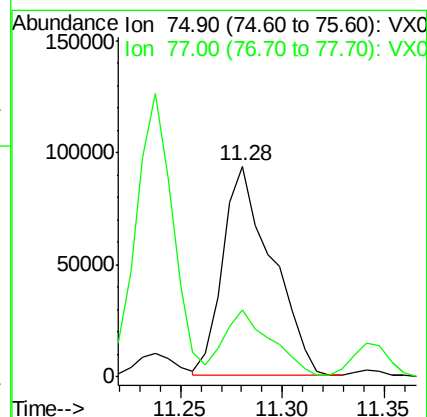
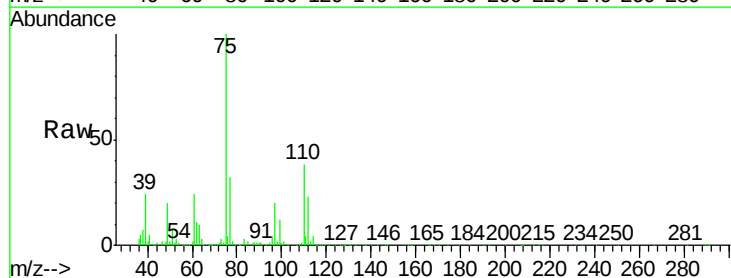
Acq: 09 Sep 2020 12:05

Tgt Ion: 75 Resp: 156666

Ion Ratio Lower Upper

75 100

77 30.6 20.8 62.2

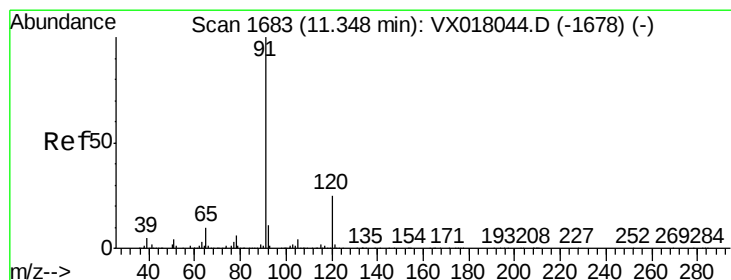
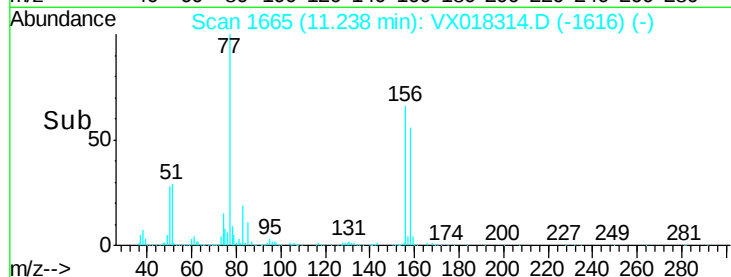
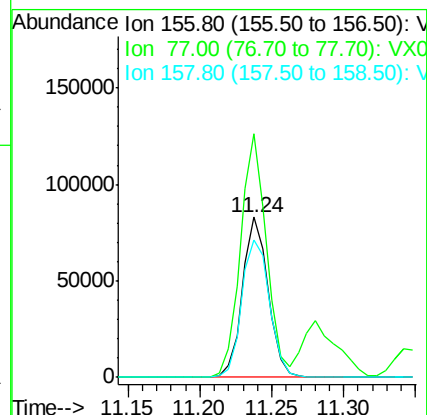
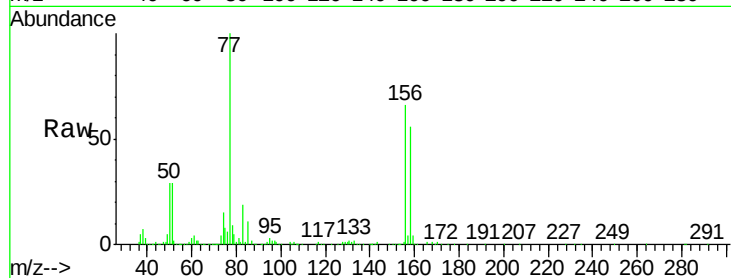




#77
Bromobenzene
Concen: 17.496 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

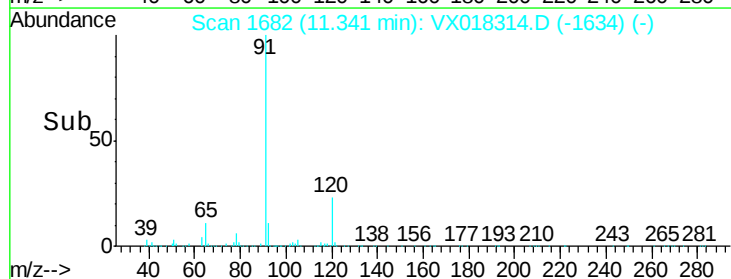
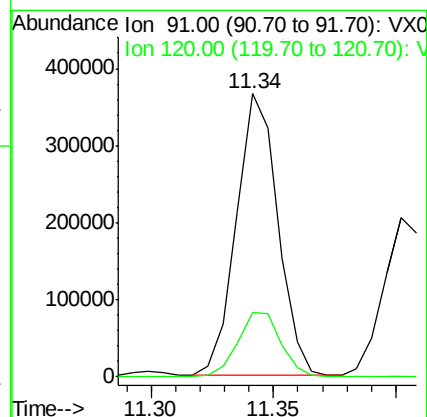
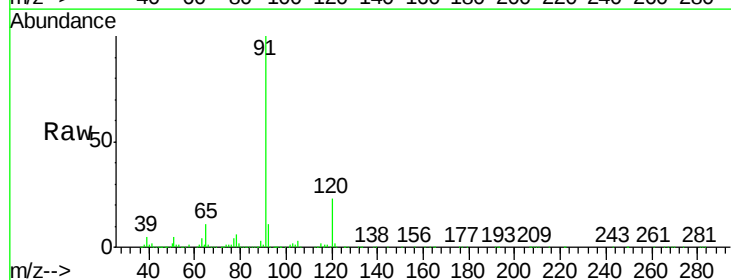
Instrument :
MSVOA_X
ClientSampleId :
VX0909WBSD01

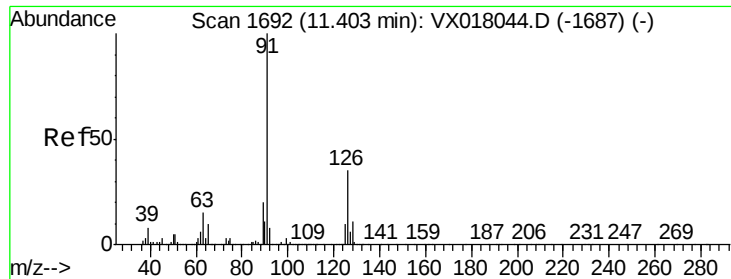
Tgt Ion:156 Resp: 102965
Ion Ratio Lower Upper
156 100
77 153.6 80.0 240.2
158 93.0 49.5 148.7



#78
n-propylbenzene
Concen: 17.838 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion: 91 Resp: 431204
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.9





#79

2-Chlorotoluene

Concen: 17.543 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

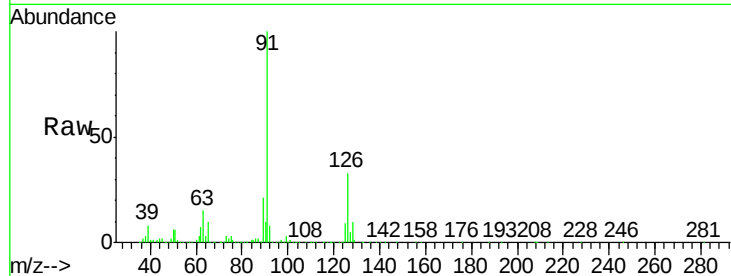
VX0909WBSD01

Tgt Ion: 91 Resp: 262010

Ion Ratio Lower Upper

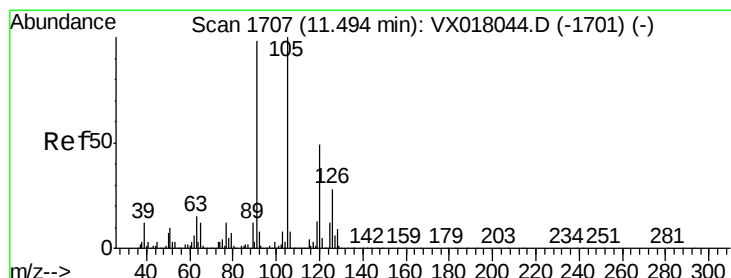
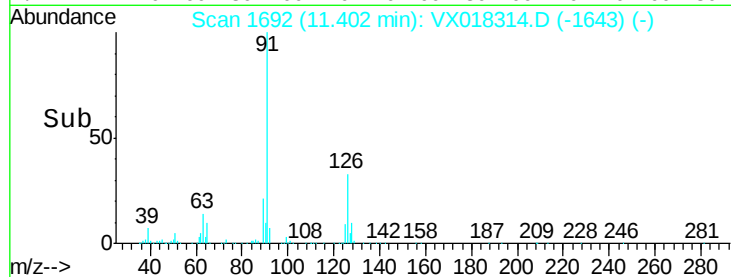
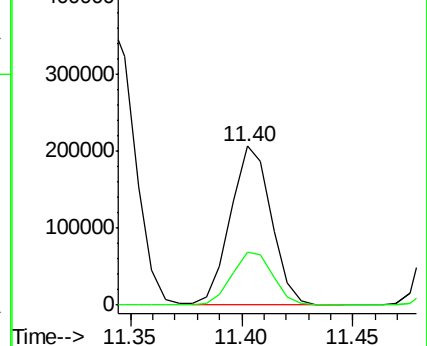
91 100

126 34.0 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.537 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018314.D

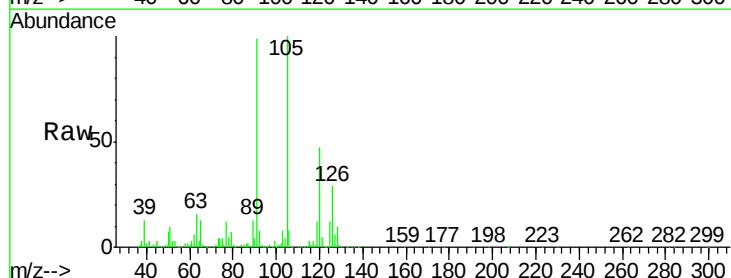
Acq: 09 Sep 2020 12:05

Tgt Ion: 105 Resp: 324306

Ion Ratio Lower Upper

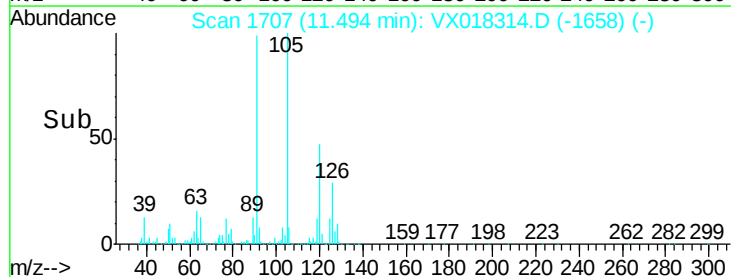
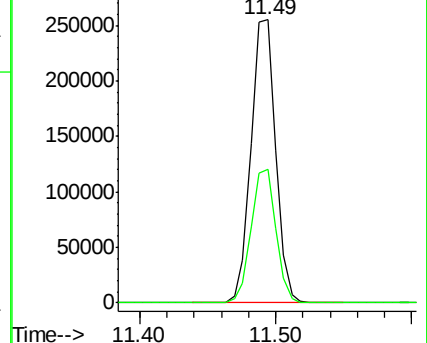
105 100

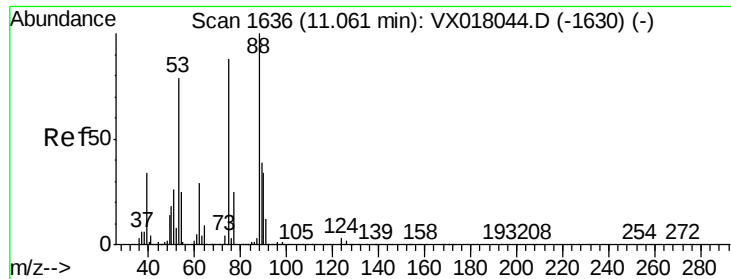
120 47.7 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.309 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

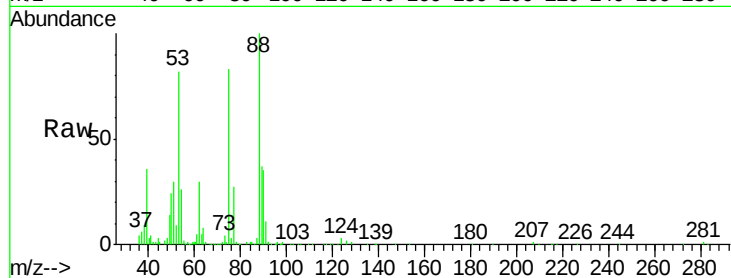
Tgt Ion: 75 Resp: 43358

Ion Ratio Lower Upper

75 100

53 101.3 74.7 112.1

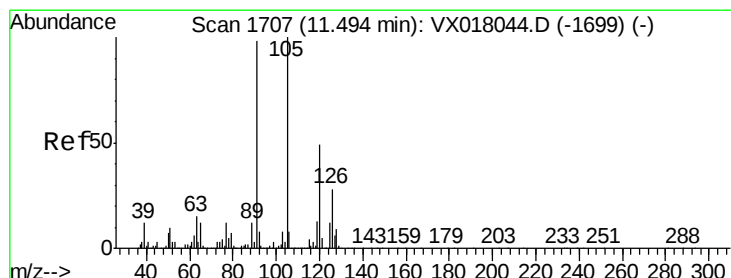
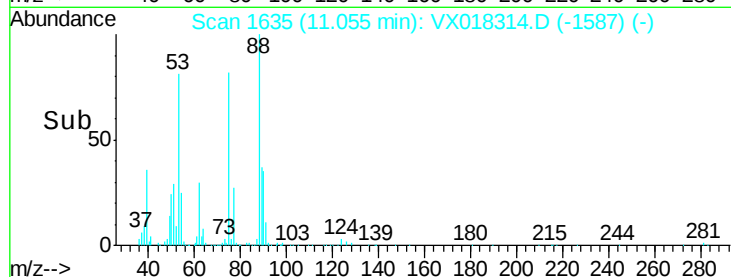
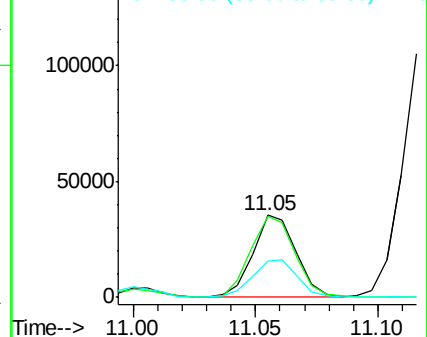
89 48.2 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.816 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018314.D

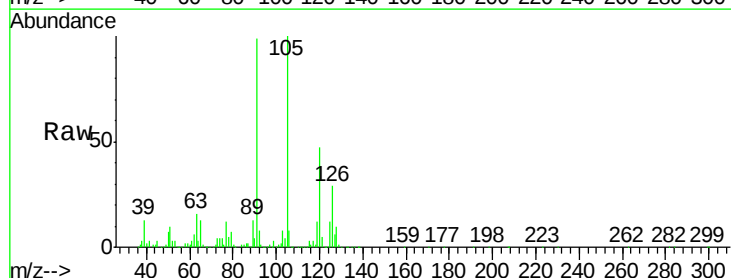
Acq: 09 Sep 2020 12:05

Tgt Ion: 91 Resp: 316325

Ion Ratio Lower Upper

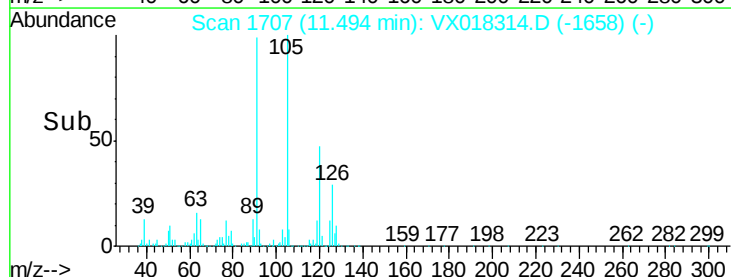
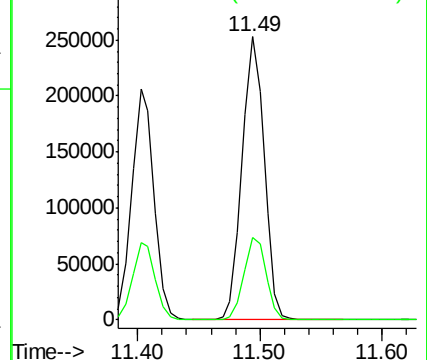
91 100

126 29.6 15.1 45.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

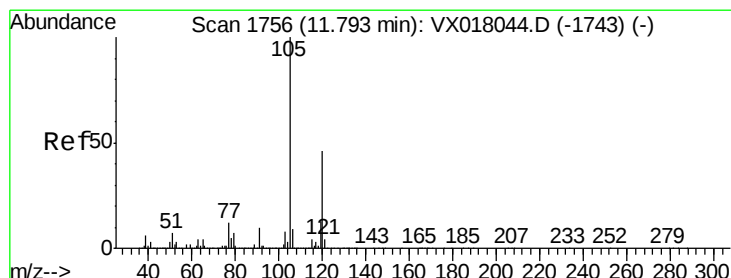
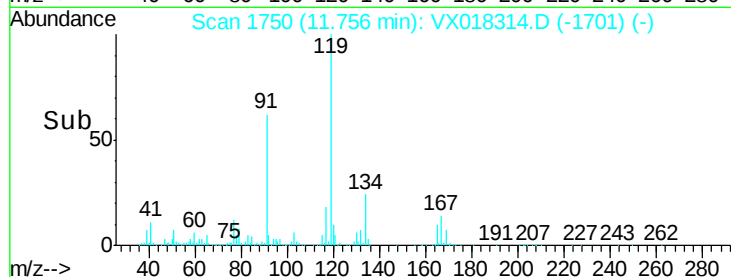
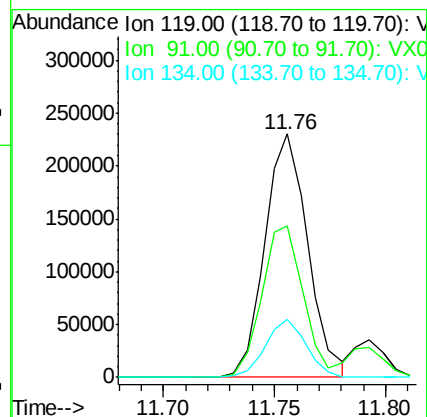
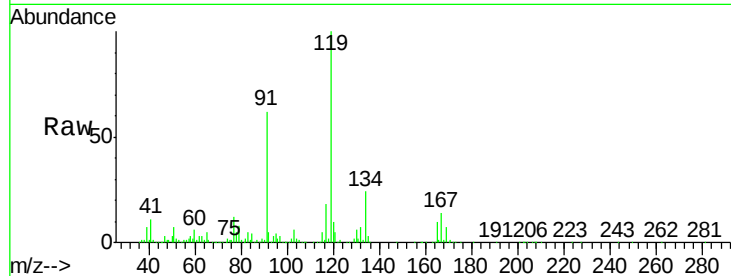




#83
 tert-Butylbenzene
 Concen: 17.842 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018314.D
 Acq: 09 Sep 2020 12:05

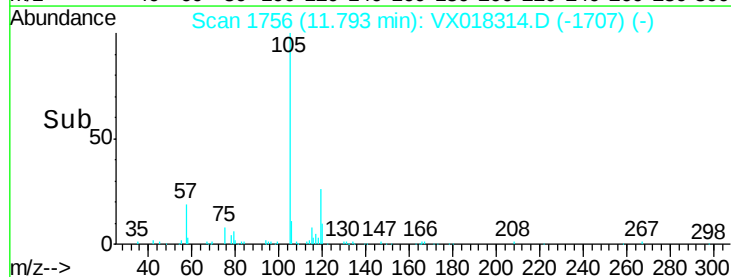
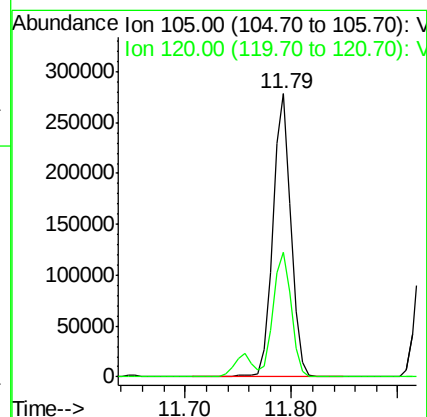
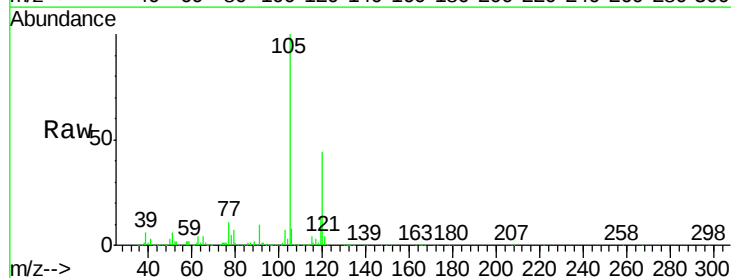
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.0	28.2	84.7
134	22.8	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.407 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018314.D
 Acq: 09 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.3	66.9

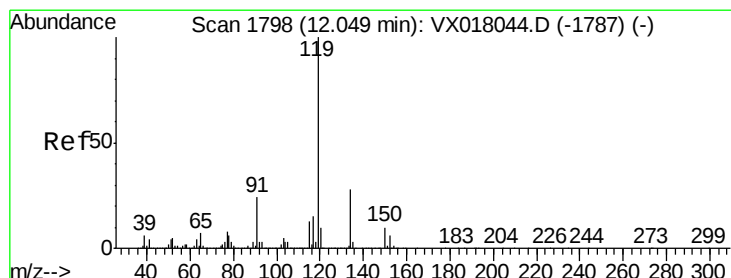
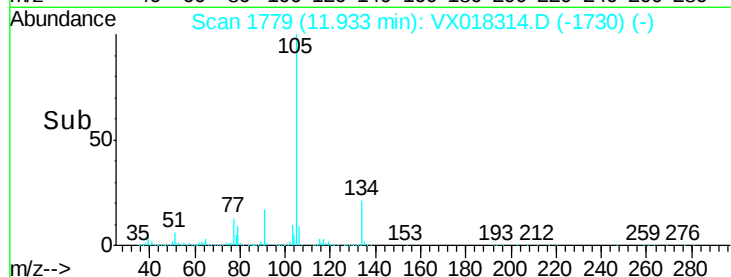
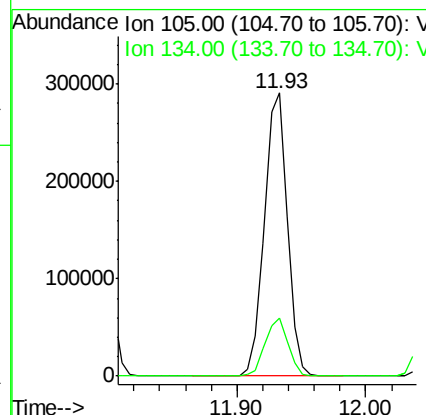
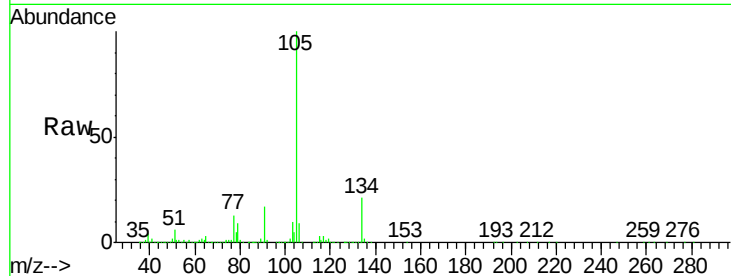




#85
 sec-Butylbenzene
 Concen: 18.169 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018314.D
 Acq: 09 Sep 2020 12:05

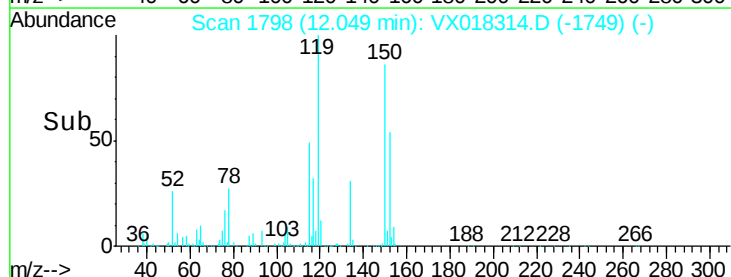
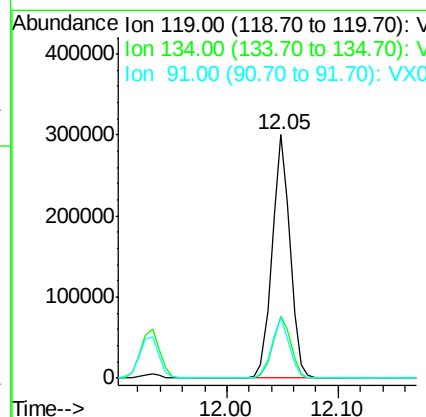
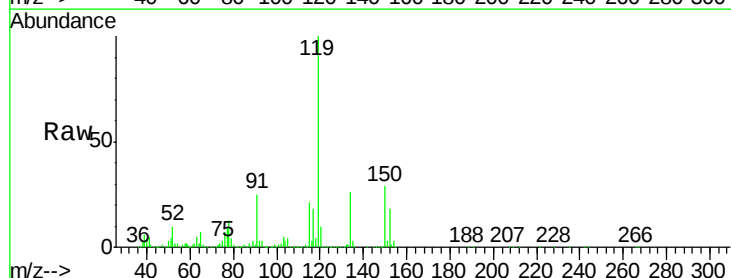
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBSD01

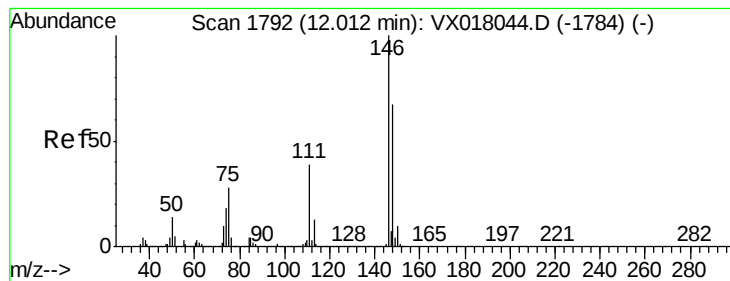
Tgt Ion:105 Resp: 356730
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 18.789 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018314.D
 Acq: 09 Sep 2020 12:05

Tgt Ion:119 Resp: 338868
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.5
 91 25.0 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 17.849 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

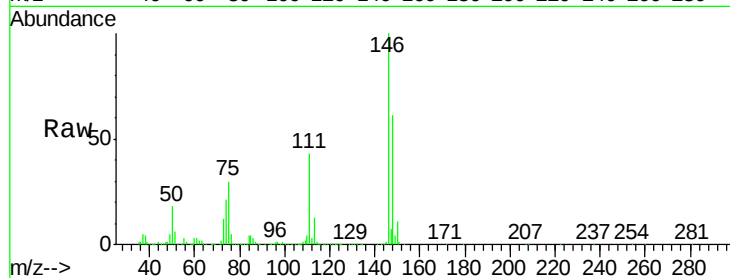
Tgt Ion:146 Resp: 184418

Ion Ratio Lower Upper

146 100

111 41.4 20.6 61.8

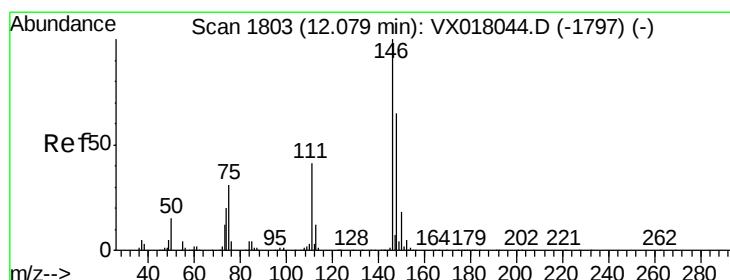
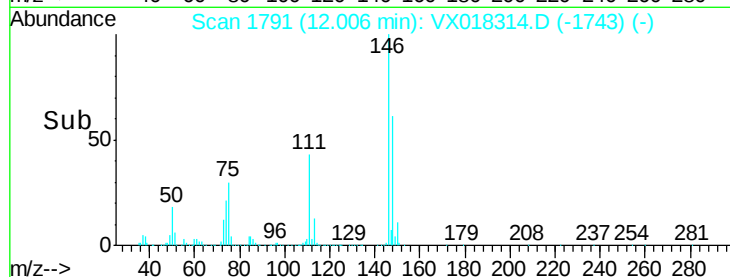
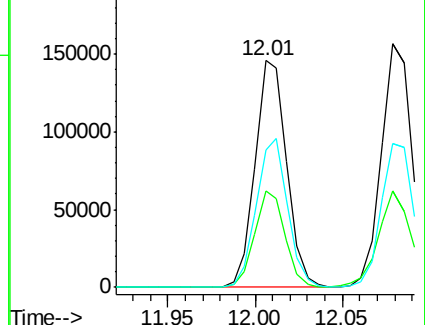
148 65.1 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.525 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

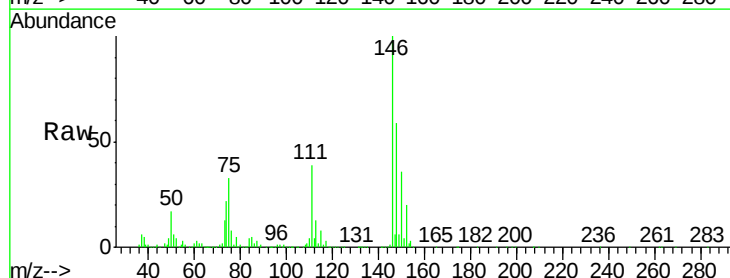
Tgt Ion:146 Resp: 191649

Ion Ratio Lower Upper

146 100

111 41.0 20.3 60.8

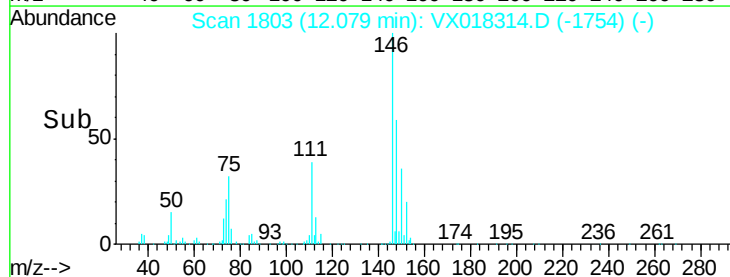
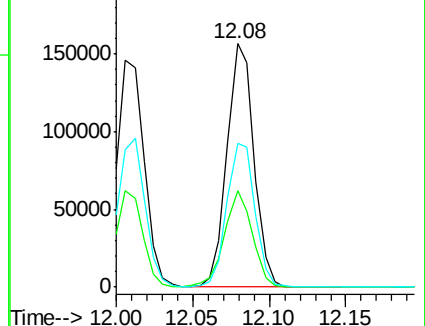
148 61.7 33.1 99.2

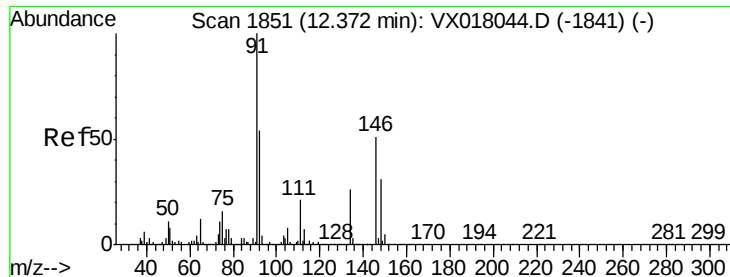


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

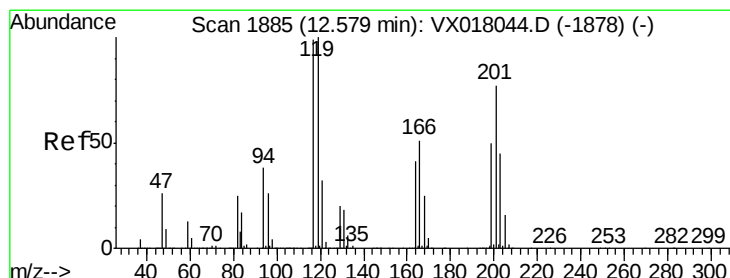
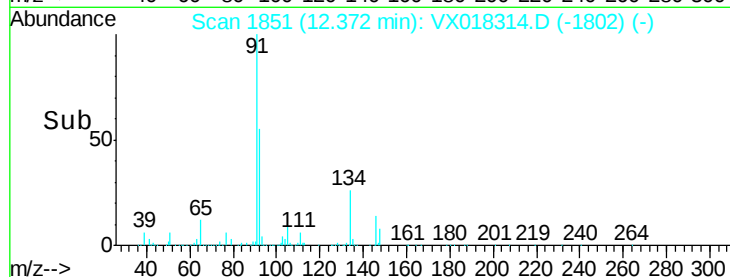
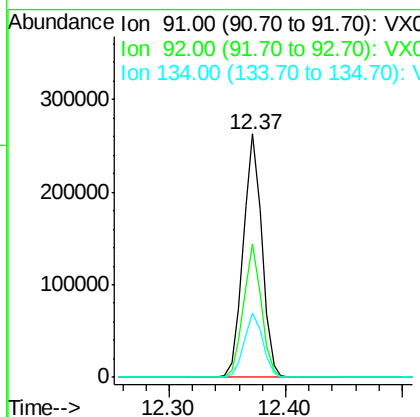
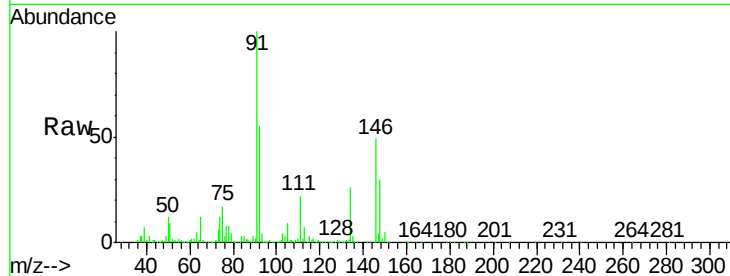




#89
n-Butylbenzene
Concen: 17.937 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

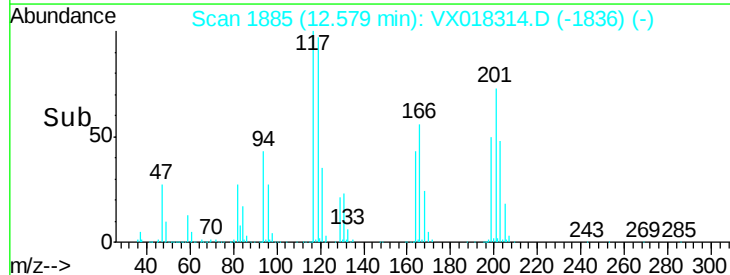
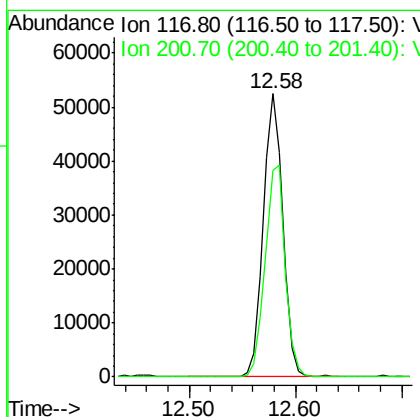
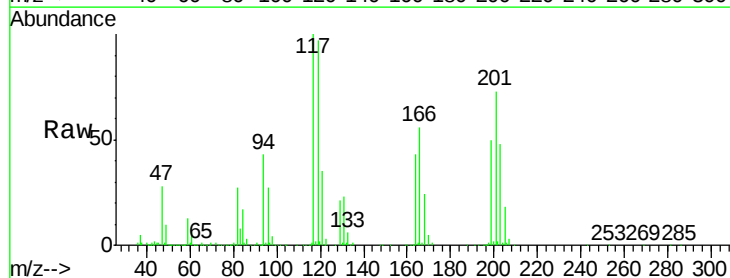
Instrument :
MSVOA_X
ClientSampled :
VX0909WBSD01

Tgt Ion: 91 Resp: 295269
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 26.7 12.9 38.7



#90
Hexachloroethane
Concen: 19.217 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion: 117 Resp: 68188
Ion Ratio Lower Upper
117 100
201 76.4 38.5 115.3





#91

1,2-Dichlorobenzene

Concen: 18.319 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBSD01

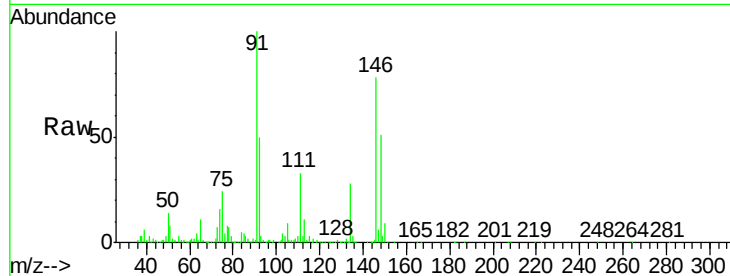
Tgt Ion:146 Resp: 178171

Ion Ratio Lower Upper

146 100

111 42.8 20.8 62.5

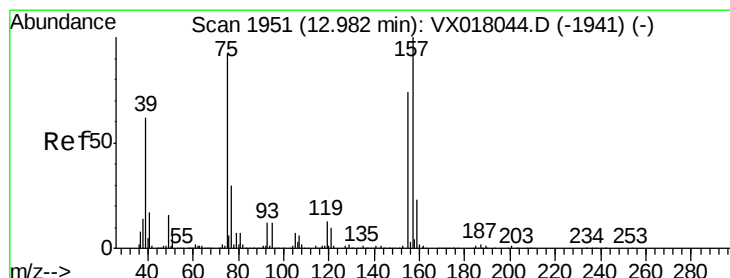
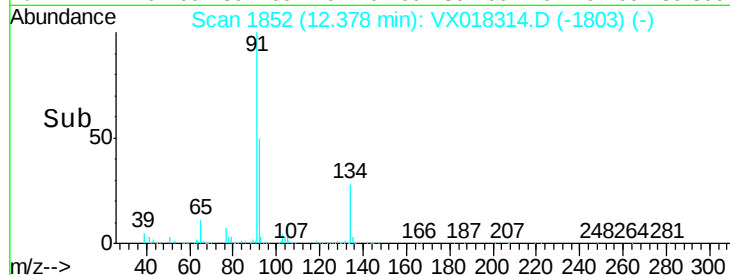
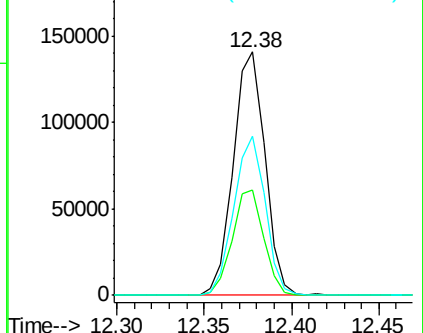
148 64.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.180 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018314.D

Acq: 09 Sep 2020 12:05

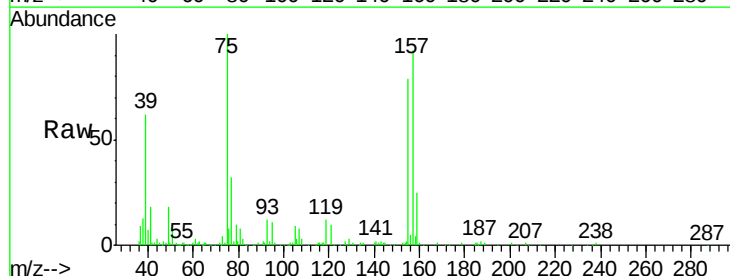
Tgt Ion: 75 Resp: 32262

Ion Ratio Lower Upper

75 100

155 79.9 40.2 120.6

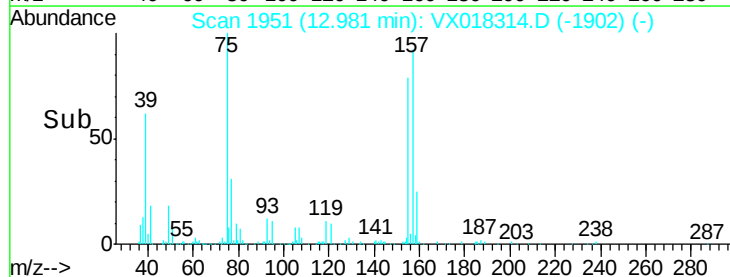
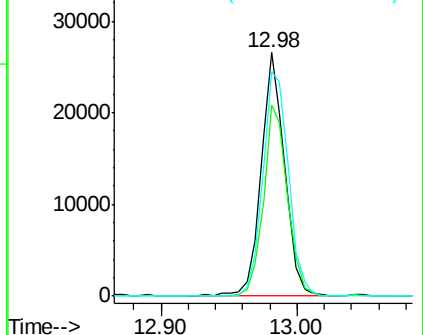
157 100.8 55.0 165.2

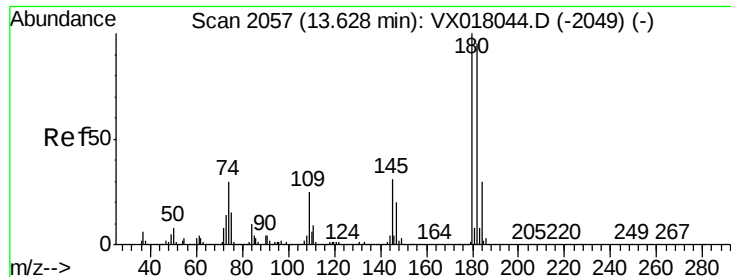


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

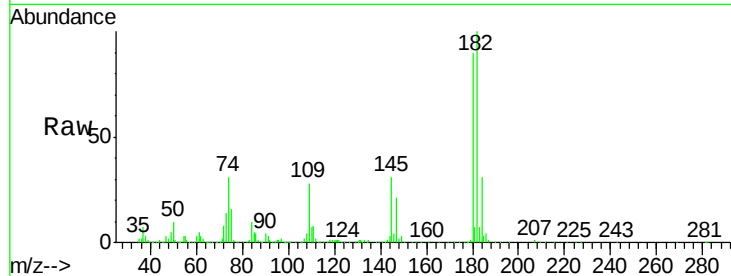




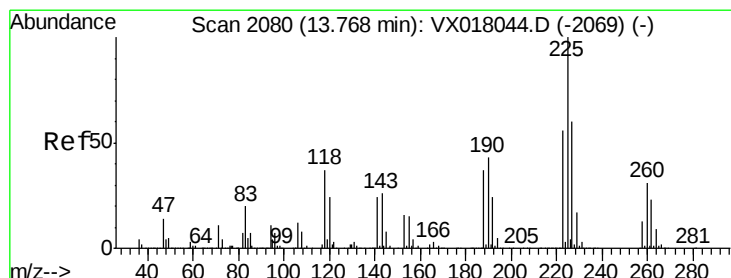
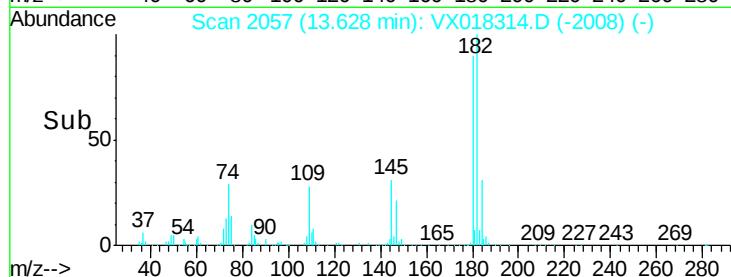
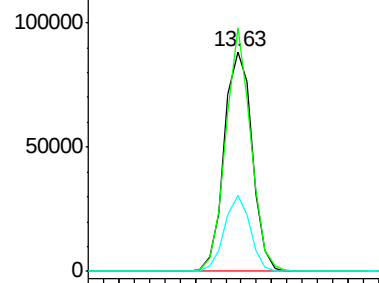
#93
 1,2,4-Trichlorobenzene
 Concen: 17.329 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018314.D
 Acq: 09 Sep 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	47.5	142.6
145	32.3	15.7	47.1

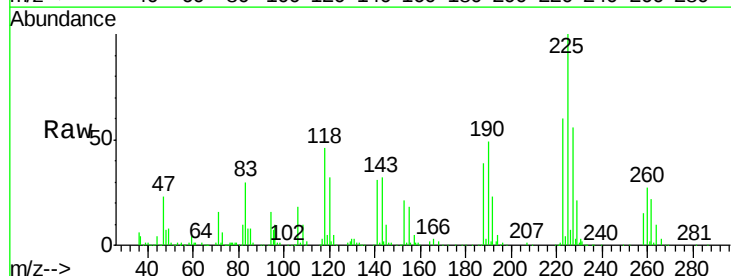


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

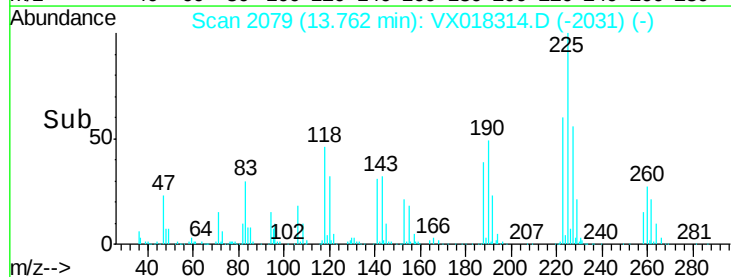
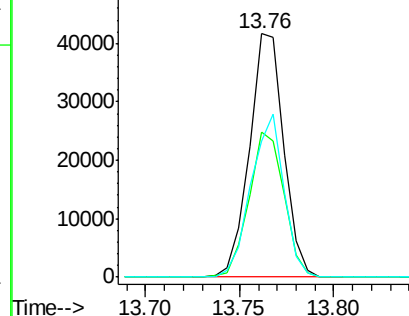


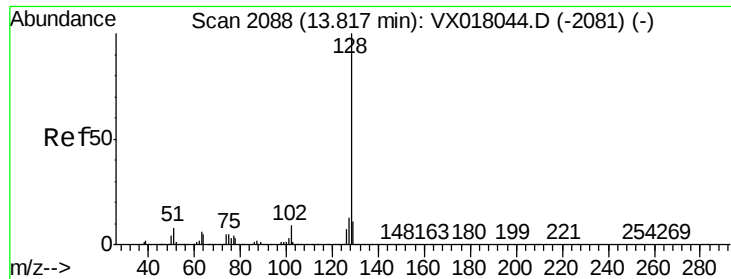
#94
 Hexachlorobutadiene
 Concen: 20.547 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018314.D
 Acq: 09 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	30.7	92.1
227	64.3	32.6	97.8



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

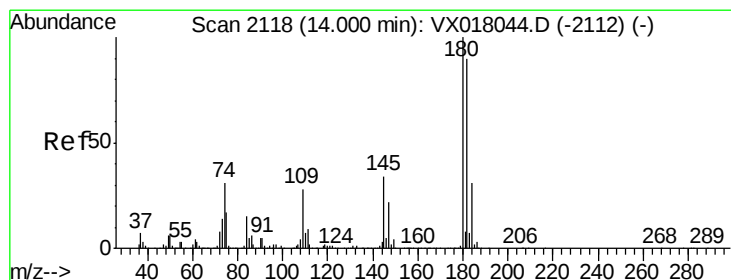
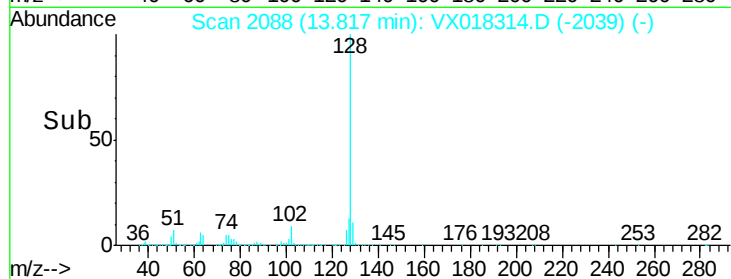
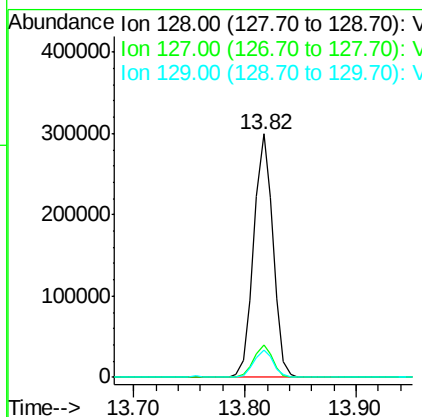
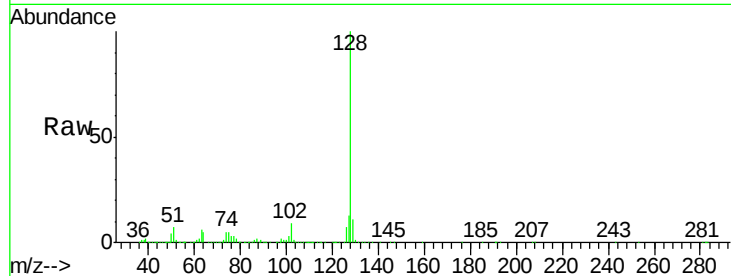




#95
Naphthalene
Concen: 16.956 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.104 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018314.D
Acq: 09 Sep 2020 12:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.3	142.0
145	33.2	17.5	52.6

