

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031820\
 Data File : VX015331.D
 Acq On : 18 Mar 2020 18:11
 Operator : JC/SP
 Sample : VX0318WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

Quant Time: Mar 19 03:25:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	573414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1083381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	971969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	465082	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	324967	45.83	ug/l	0.00
Spiked Amount			Recovery	=	91.66%	
35) Dibromofluoromethane	5.49	113	323899	45.88	ug/l	0.00
Spiked Amount			Recovery	=	91.76%	
50) Toluene-d8	8.71	98	1278934	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.14	95	458701	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	115422	18.302	ug/l	100
3) Chloromethane	1.32	50	138635	20.090	ug/l	98
4) Vinyl Chloride	1.40	62	136554	19.521	ug/l	100
5) Bromomethane	1.64	94	101314	45.982	ug/l	98
6) Chloroethane	1.72	64	83917	19.413	ug/l	95
7) Trichlorofluoromethane	1.93	101	177183	18.907	ug/l	98
8) Diethyl Ether	2.18	74	73824	19.012	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131475	20.726	ug/l	91
10) Methyl Iodide	2.50	142	115218	18.149	ug/l	96
11) Tert butyl alcohol	3.03	59	138664	100.822	ug/l	97
12) 1,1-Dichloroethene	2.37	96	137943	19.044	ug/l	97
13) Acrolein	2.28	56	123153	99.325	ug/l	98
14) Allyl chloride	2.72	41	209765	19.477	ug/l	97
15) Acrylonitrile	3.13	53	353907	97.768	ug/l	99
16) Acetone	2.43	43	259347	96.214	ug/l	96
17) Carbon Disulfide	2.56	76	366598	18.876	ug/l	98
18) Methyl Acetate	2.76	43	142594	19.056	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	404362	19.252	ug/l	100
20) Methylene Chloride	2.85	84	153267	19.510	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	148601	18.639	ug/l	98
22) Diisopropyl ether	3.84	45	430474	19.799	ug/l	97
23) Vinyl Acetate	3.81	43	1720043	99.191	ug/l	99
24) 1,1-Dichloroethane	3.69	63	241997	18.233	ug/l	99
25) 2-Butanone	4.66	43	449447	99.407	ug/l	98
26) 2,2-Dichloropropane	4.58	77	182525	17.696	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	166293	19.232	ug/l	98
28) Bromochloromethane	5.01	49	105721	19.509	ug/l	98
29) Tetrahydrofuran	5.11	42	291855	98.997	ug/l	99
30) Chloroform	5.20	83	246809	18.433	ug/l	96
31) Cyclohexane	5.57	56	212306	19.592	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	200663	18.164	ug/l	98
36) 1,1-Dichloropropene	5.79	75	177073	17.229	ug/l	100
37) Ethyl Acetate	4.82	43	173615	18.611	ug/l	99
38) Carbon Tetrachloride	5.78	117	165803	16.981	ug/l	95

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 Data File : VX015331.D
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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0318WBSD01

Quant Time: Mar 19 03:25:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223723	18.027	ug/l	97
40) Benzene	6.14	78	549952	17.613	ug/l	97
41) Methacrylonitrile	5.03	41	98469	19.720	ug/l	96
42) 1,2-Dichloroethane	6.19	62	169791	18.036	ug/l	99
43) Isopropyl Acetate	6.44	43	266671	18.840	ug/l	100
44) Trichloroethene	7.21	130	159434	18.605	ug/l	91
45) 1,2-Dichloropropane	7.51	63	143416	19.456	ug/l	99
46) Dibromomethane	7.65	93	97891	18.980	ug/l	100
47) Bromodichloromethane	7.89	83	183243	18.919	ug/l	97
48) Methyl methacrylate	7.76	41	133762	19.747	ug/l	99
49) 1,4-Dioxane	7.73	88	72698	390.606	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	876577	100.331	ug/l	99
52) Toluene	8.78	92	369964	19.293	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	200180	19.316	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	222696	18.923	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	146122	17.972	ug/l	97
56) Ethyl methacrylate	9.17	69	204086	19.271	ug/l	99
57) 1,3-Dichloropropane	9.37	76	240730	18.054	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	528612	119.889	ug/l	99
59) 2-Hexanone	9.48	43	641899	98.849	ug/l	97
60) Dibromochloromethane	9.57	129	146011	18.444	ug/l	98
61) 1,2-Dibromoethane	9.67	107	154418	18.646	ug/l	99
64) Tetrachloroethene	9.33	164	136921	19.367	ug/l	91
65) Chlorobenzene	10.14	112	393371	19.208	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	135606	18.328	ug/l	99
67) Ethyl Benzene	10.25	91	683823	19.601	ug/l	98
68) m/p-Xylenes	10.36	106	538972	40.521	ug/l	100
69) o-Xylene	10.70	106	257451	20.127	ug/l	99
70) Styrene	10.71	104	440180	20.644	ug/l	99
71) Bromoform	10.85	173	91898	19.002	ug/l	94
73) Isopropylbenzene	11.01	105	678156	19.367	ug/l	99
74) N-amyl acetate	10.89	43	233701	19.525	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	210096	19.378	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	231524	24.361	ug/l	83
77) Bromobenzene	11.25	156	162243	19.946	ug/l	98
78) n-propylbenzene	11.35	91	773225	19.802	ug/l	99
79) 2-Chlorotoluene	11.42	91	462861	19.746	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	559072	20.030	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	64529	18.202	ug/l	97
82) 4-Chlorotoluene	11.51	91	532990	20.011	ug/l	99
83) tert-Butylbenzene	11.76	119	536311	19.514	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	573133	19.832	ug/l	99
85) sec-Butylbenzene	11.94	105	656333	19.700	ug/l	98
86) p-Isopropyltoluene	12.06	119	592606	19.992	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	303834	19.648	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	304455	18.903	ug/l	99
89) n-Butylbenzene	12.39	91	493613	17.635	ug/l	99
90) Hexachloroethane	12.59	117	93836	16.408	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	266571	17.186	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39126	18.346	ug/l	96

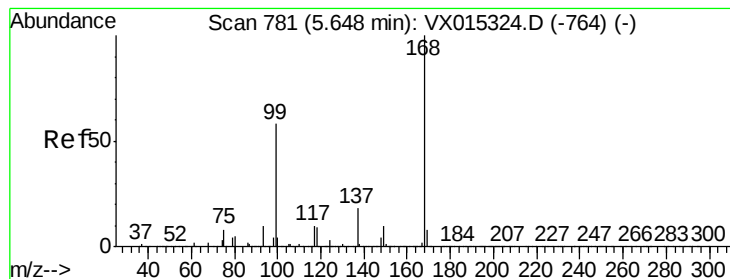
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031820\
Data File : VX015331.D
Acq On : 18 Mar 2020 18:11
Operator : JC/SP
Sample : VX0318WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Quant Time: Mar 19 03:25:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 14:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	179067	19.271	ug/l	100
94) Hexachlorobutadiene	13.78	225	71926	18.410	ug/l	95
95) Naphthalene	13.83	128	640354	20.818	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	176511	19.406	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

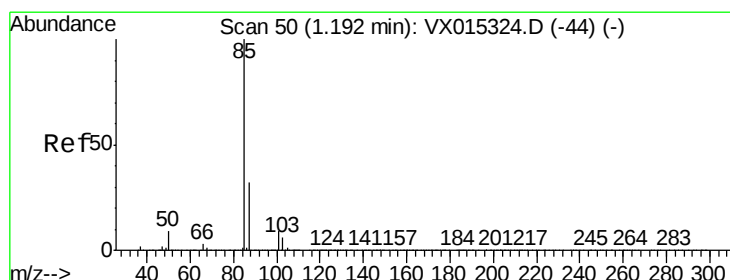
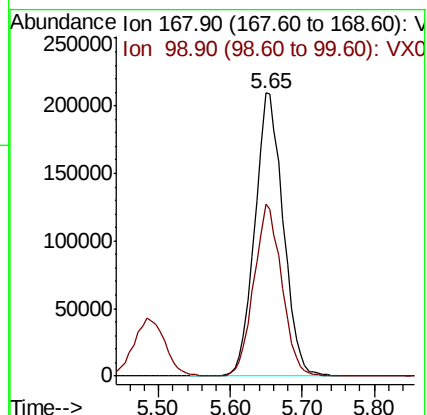
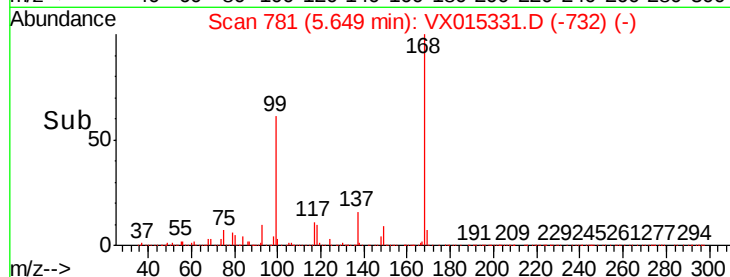
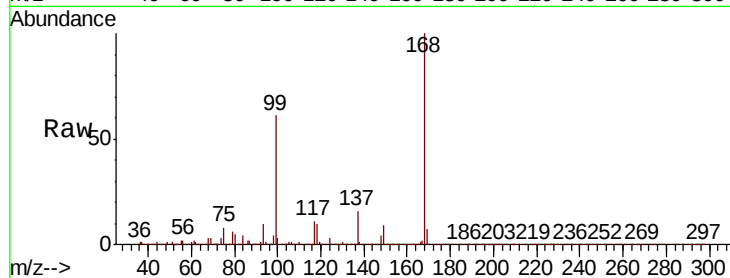
VX0318WBSD01

Tot Ion:168 Resp: 573414

Ion Ratio Lower Upper

168 100

99 60.5 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 18.302 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015331.D

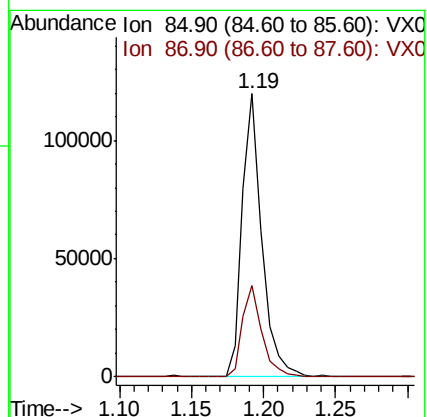
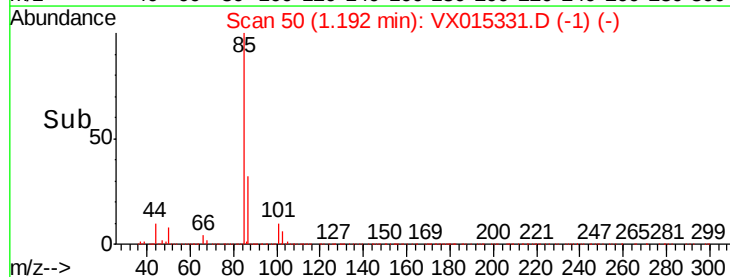
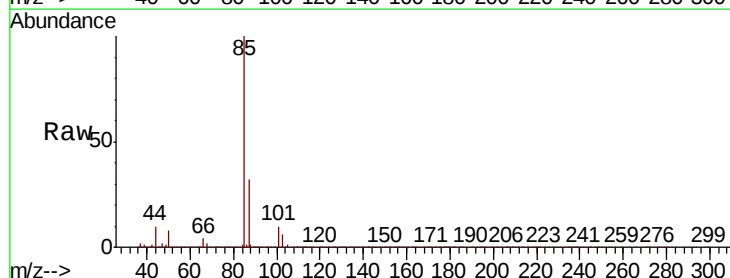
Acq: 18 Mar 2020 18:11

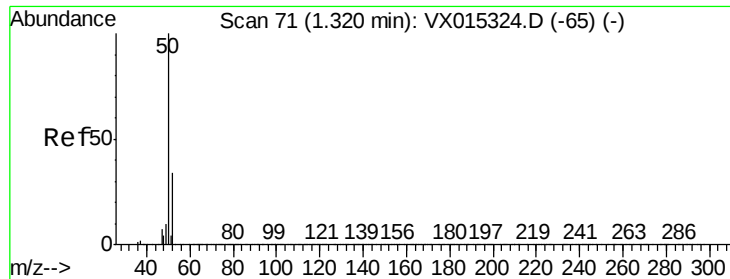
Tgt Ion: 85 Resp: 115422

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.5

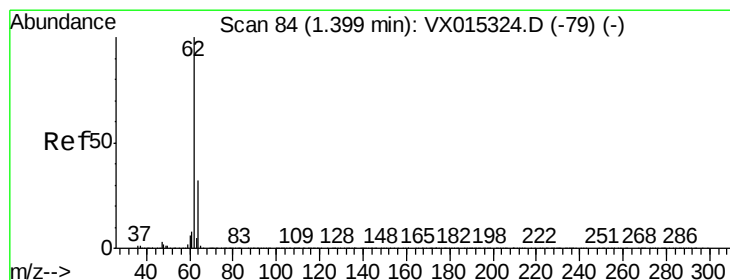
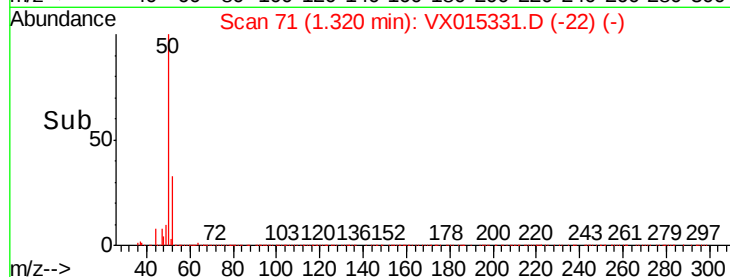
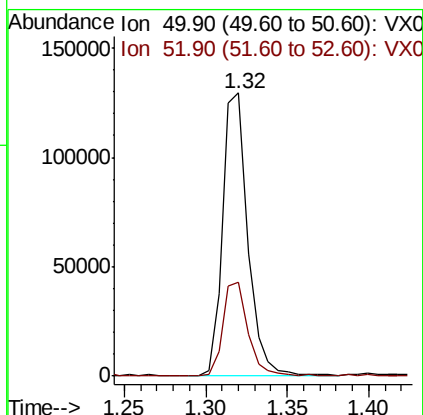
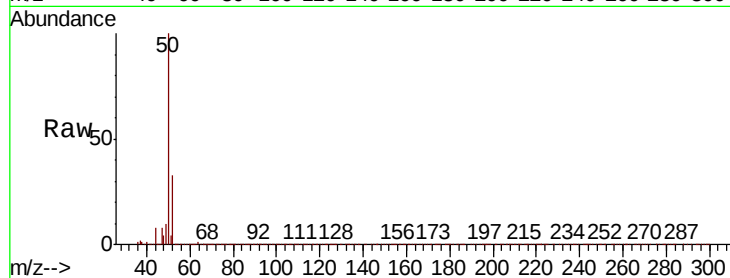




#3
Chloromethane
Concen: 20.090 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

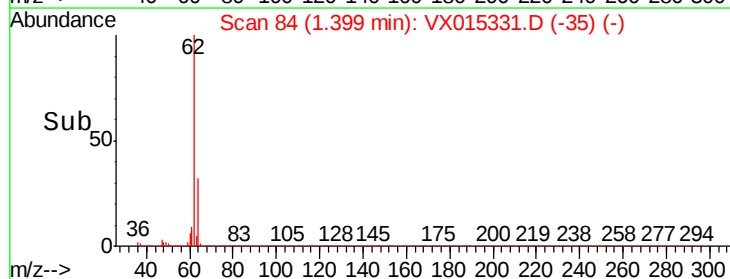
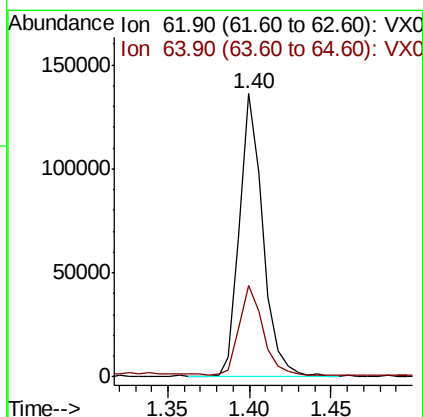
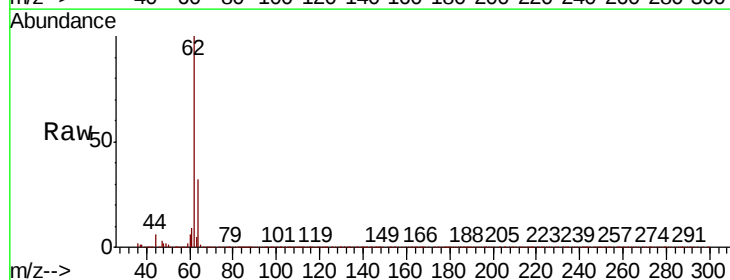
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

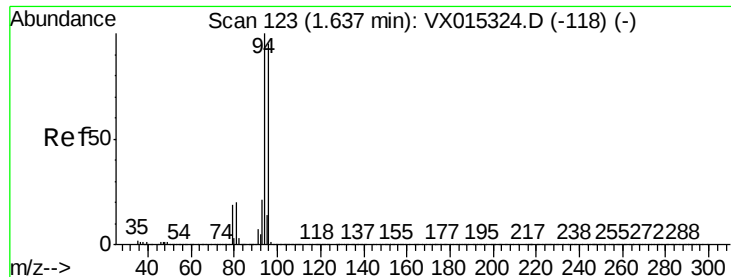
Tot Ion: 50 Resp: 138635
Ion Ratio Lower Upper
50 100
52 33.2 27.4 41.0



#4
Vinyl Chloride
Concen: 19.521 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion: 62 Resp: 136554
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 45.982 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

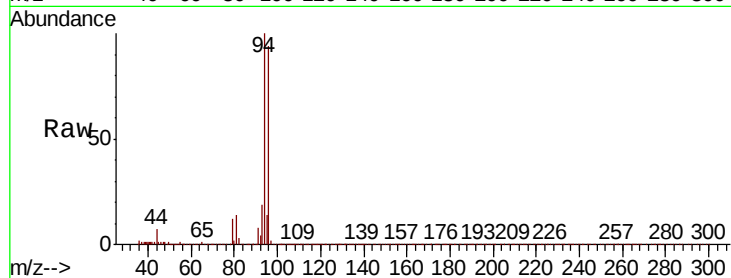
VX0318WBSD01

Tot Ion: 94 Resp: 101314

Ion Ratio Lower Upper

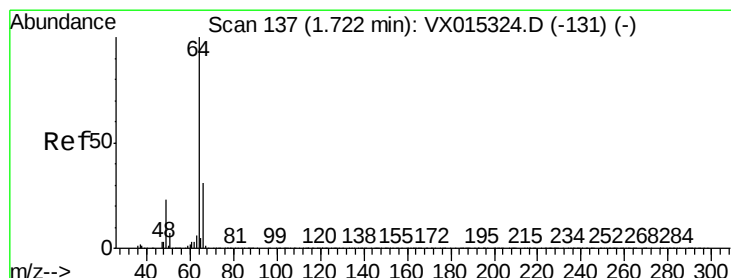
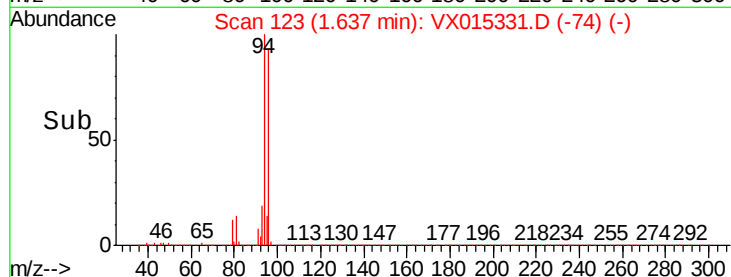
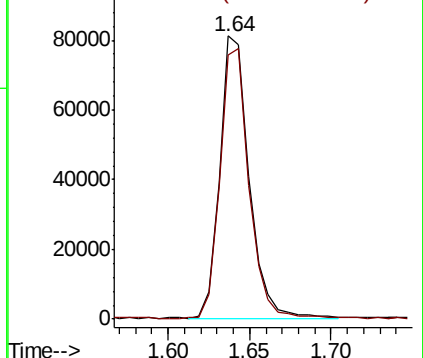
94 100

96 93.3 76.5 114.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.413 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015331.D

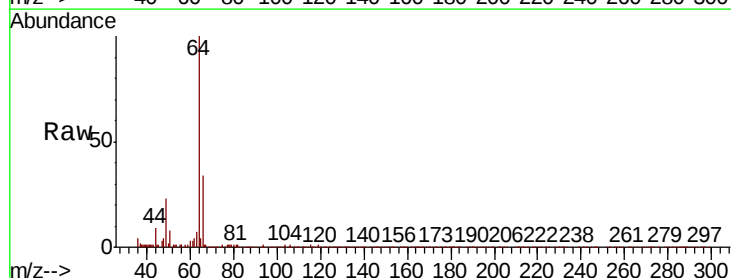
Acq: 18 Mar 2020 18:11

Tgt Ion: 64 Resp: 83917

Ion Ratio Lower Upper

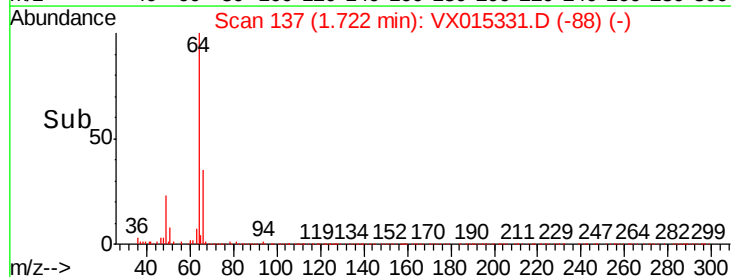
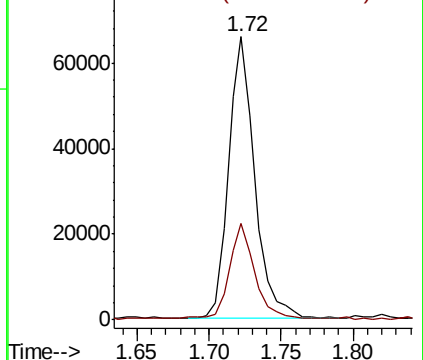
64 100

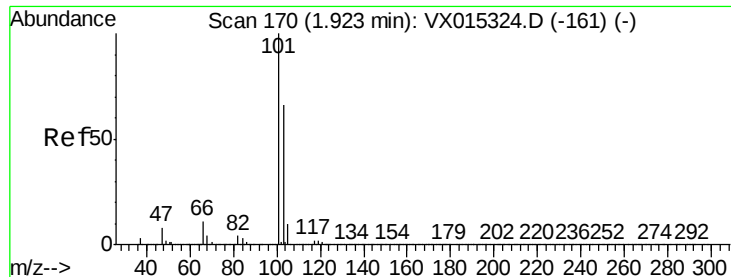
66 33.8 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



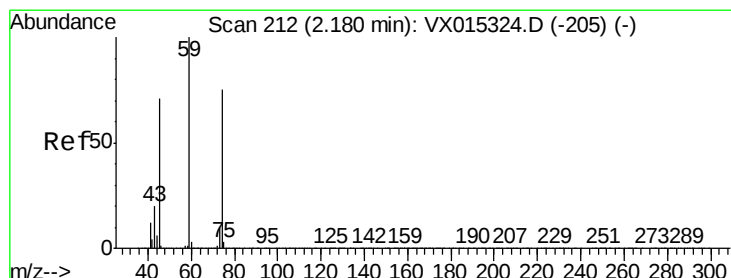
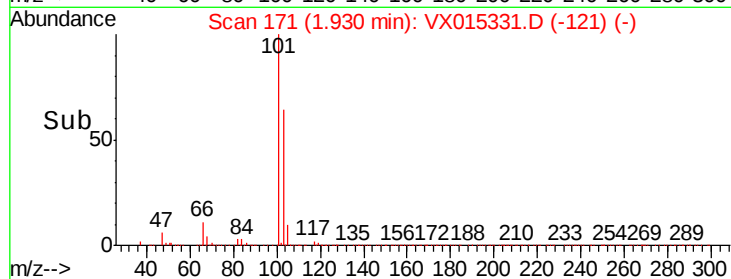
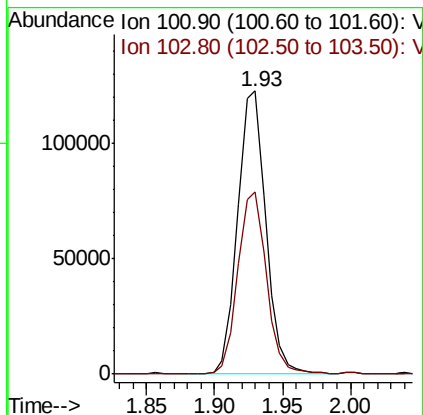
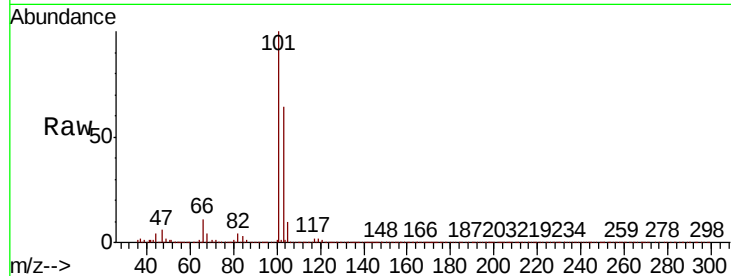


#7

Trichlorofluoromethane
Concen: 18.907 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

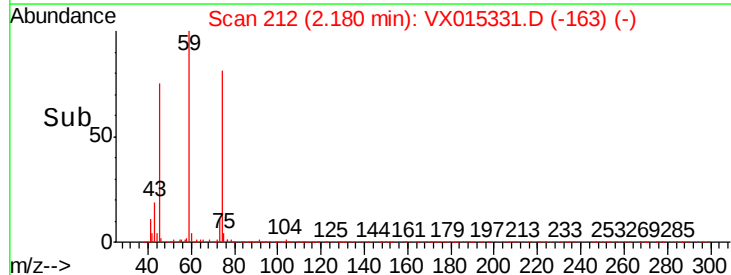
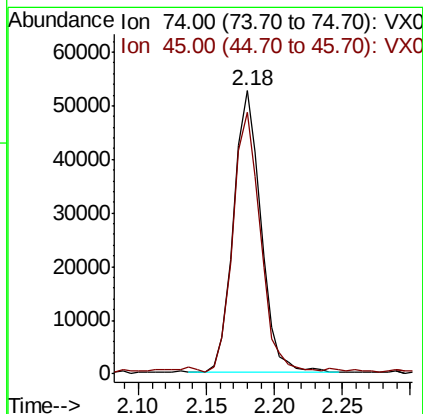
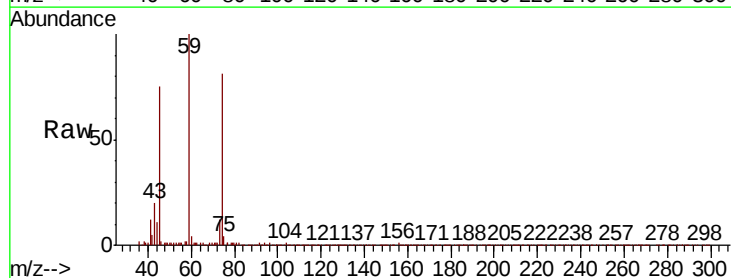
Tot Ion:101 Resp: 177183
Ion Ratio Lower Upper
101 100
103 64.1 52.6 79.0

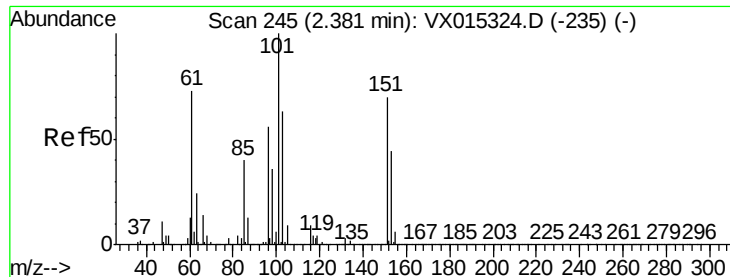


#8

Diethyl Ether
Concen: 19.012 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion: 74 Resp: 73824
Ion Ratio Lower Upper
74 100
45 91.9 46.5 139.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.726 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

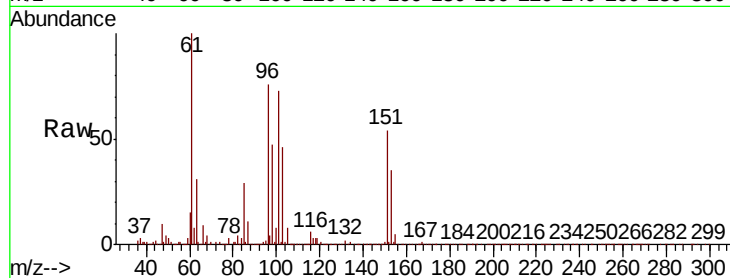
Tot Ion:101 Resp: 131475

Ion Ratio Lower Upper

101 100

85 39.1 32.2 48.4

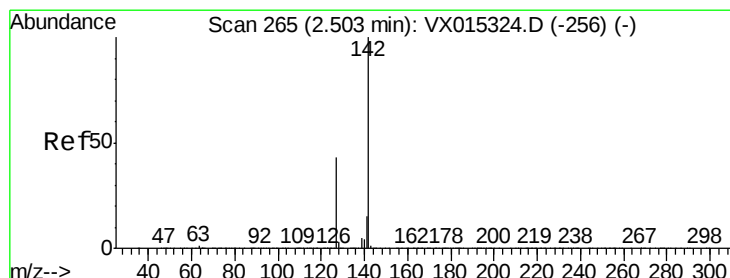
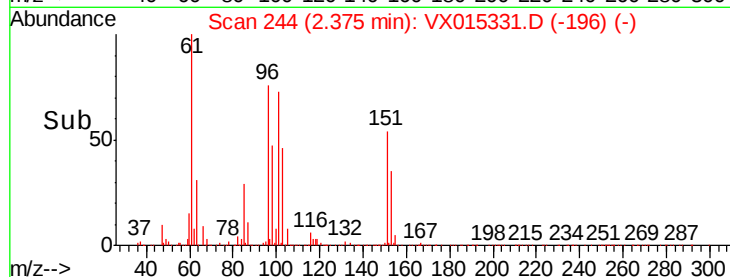
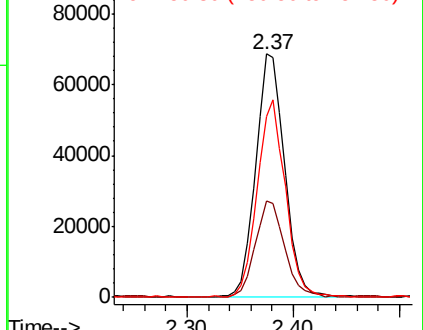
151 79.4 55.0 82.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.149 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

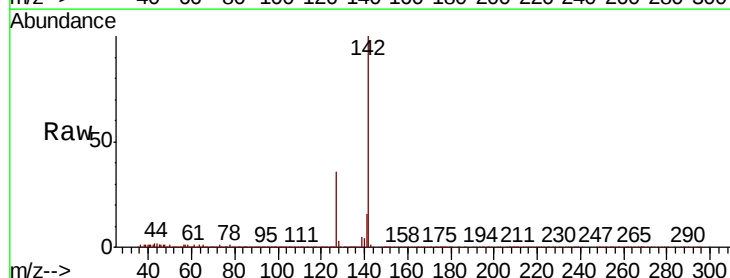
Tgt Ion:142 Resp: 115218

Ion Ratio Lower Upper

142 100

127 39.1 33.6 50.4

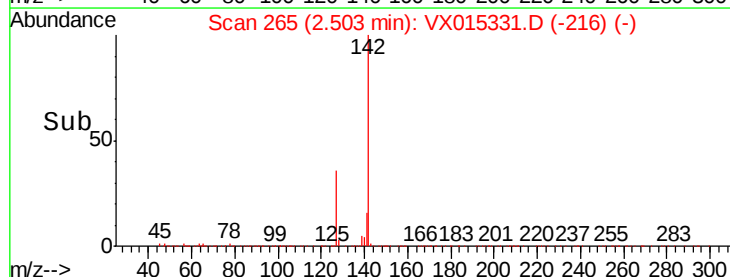
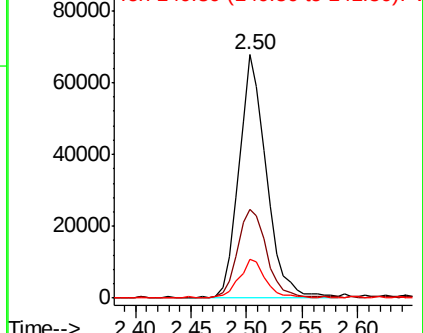
141 15.1 11.9 17.9

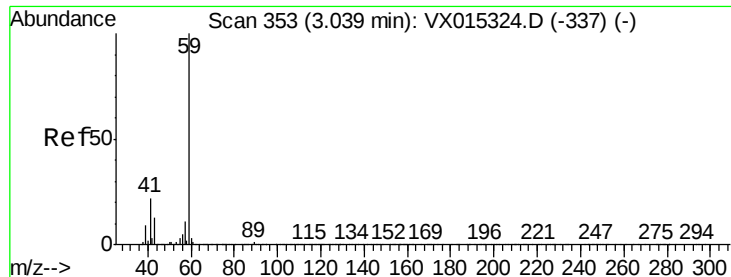


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



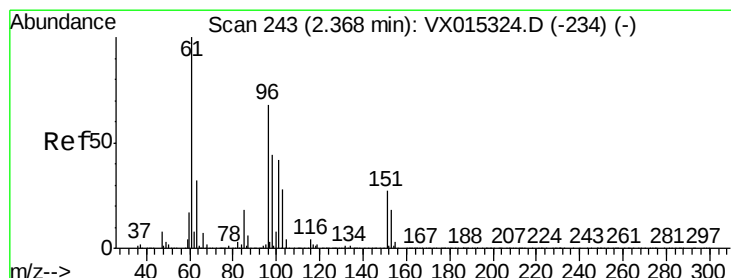
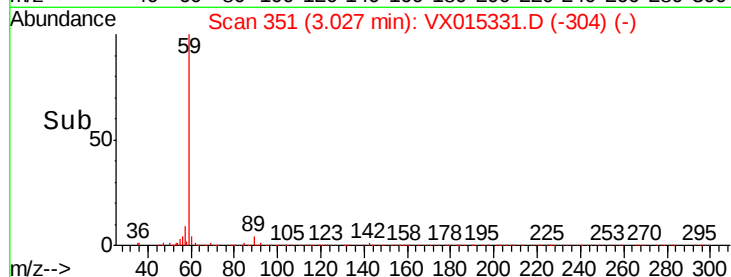
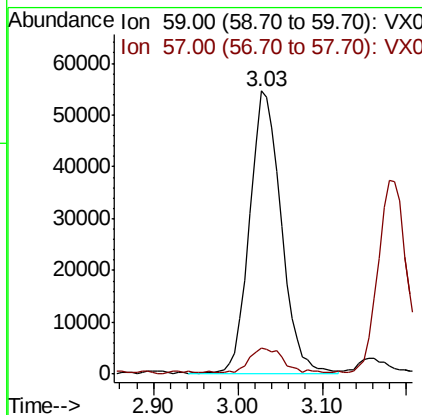
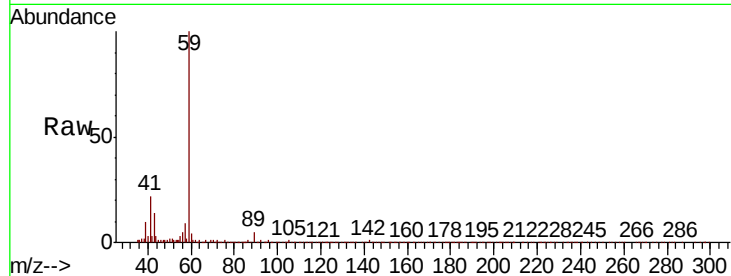


#11

Tert butyl alcohol
 Concen: 100.822 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

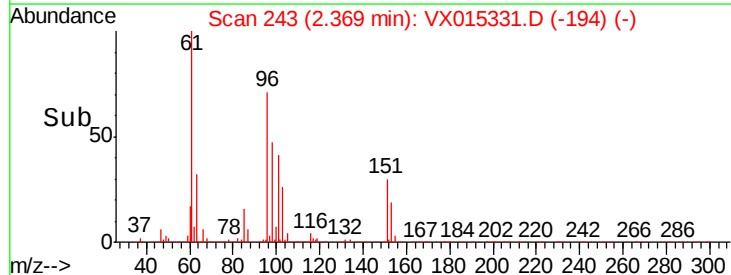
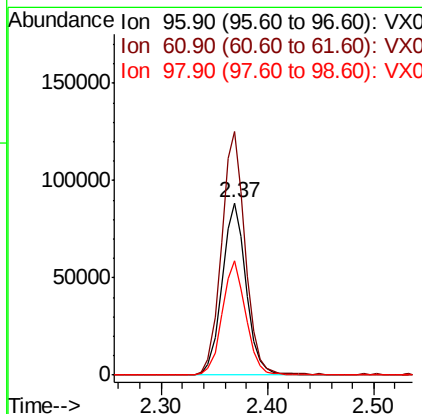
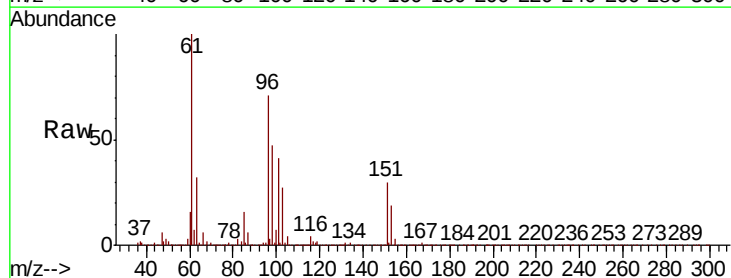
Tot Ion: 59 Resp: 138664
 Ion Ratio Lower Upper
 59 100
 57 8.9 8.0 12.0

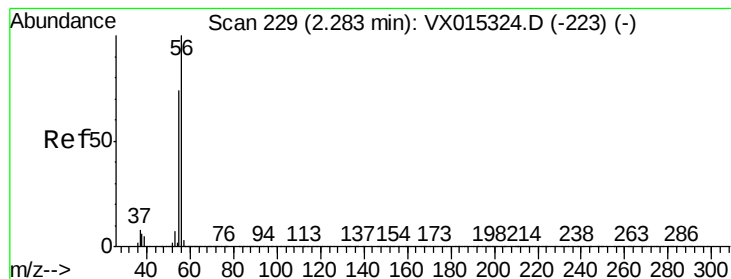


#12

1,1-Dichloroethene
 Concen: 19.044 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion: 96 Resp: 137943
 Ion Ratio Lower Upper
 96 100
 61 141.5 117.7 176.5
 98 66.1 52.3 78.5





#13

Acrolein

Concen: 99.325 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

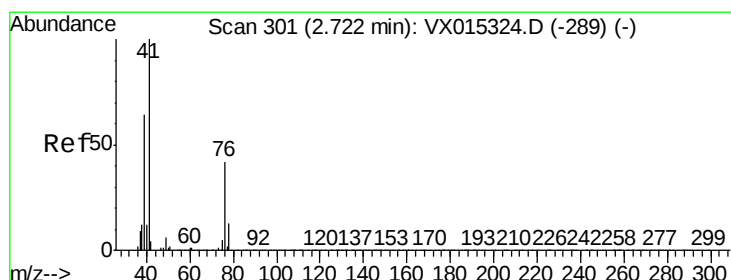
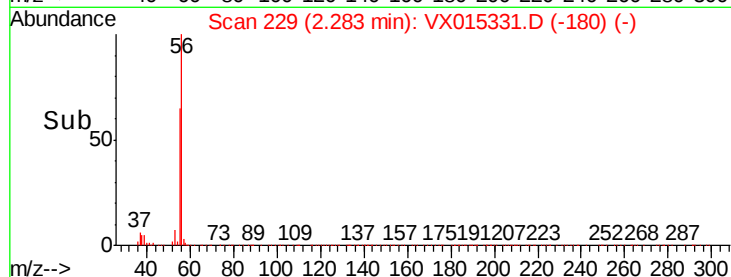
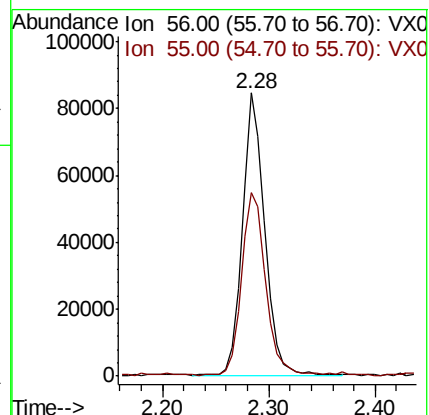
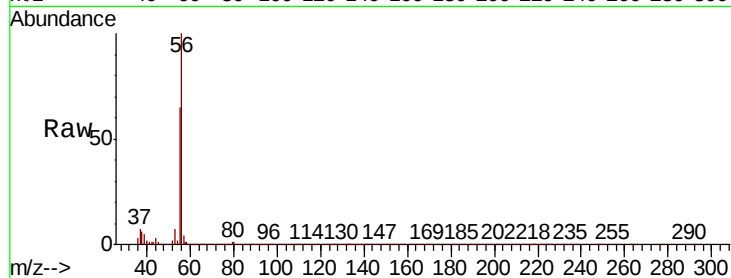
VX0318WBSD01

Tot Ion: 56 Resp: 123153

Ion Ratio Lower Upper

56 100

55 68.8 56.6 84.8



#14

Allyl chloride

Concen: 19.477 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

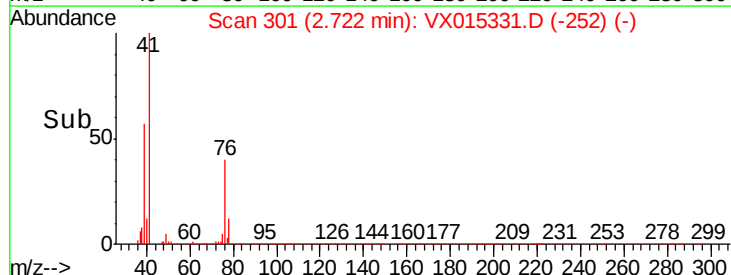
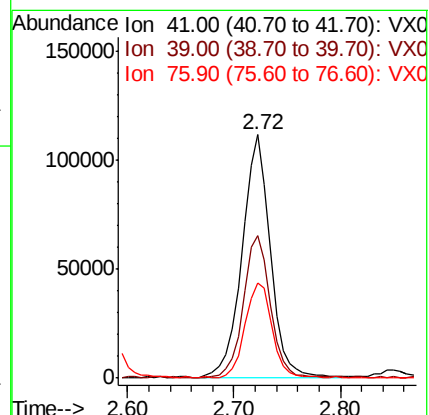
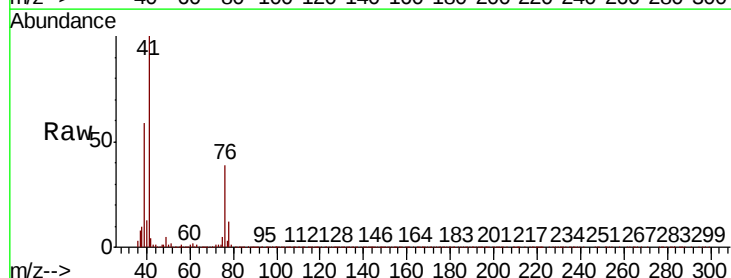
Tgt Ion: 41 Resp: 209765

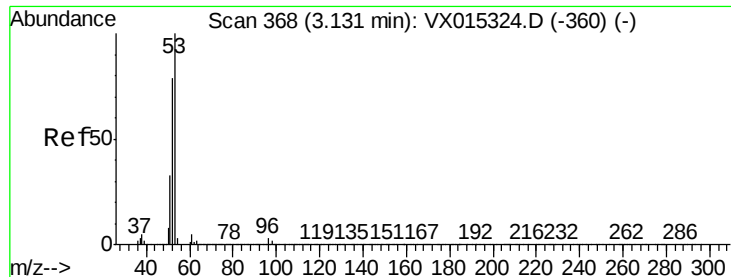
Ion Ratio Lower Upper

41 100

39 56.6 46.8 70.2

76 36.7 30.7 46.1

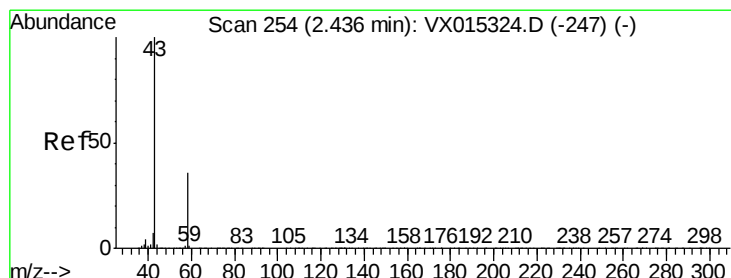
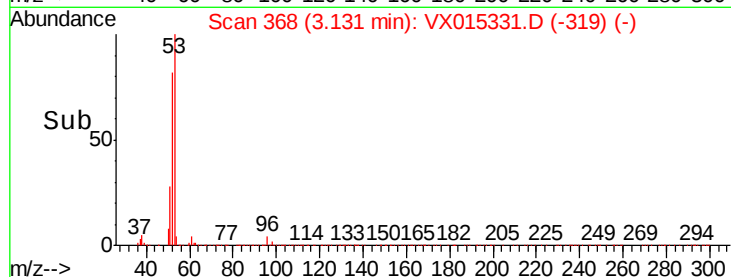
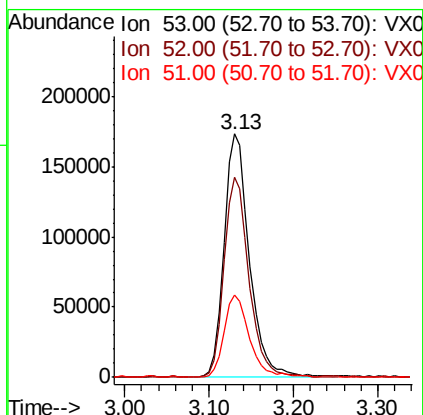
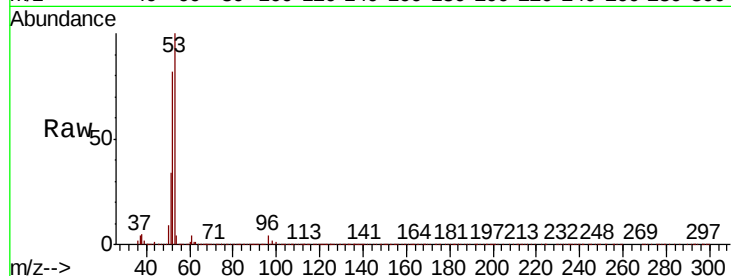




#15
 Acrylonitrile
 Concen: 97.768 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

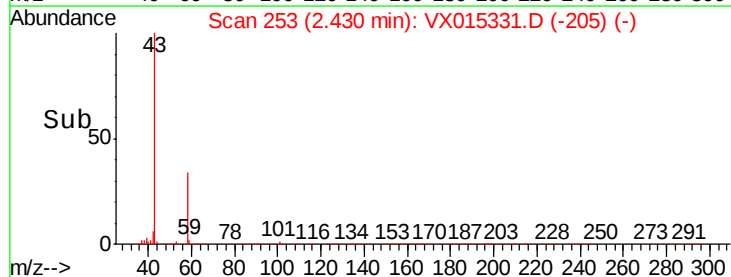
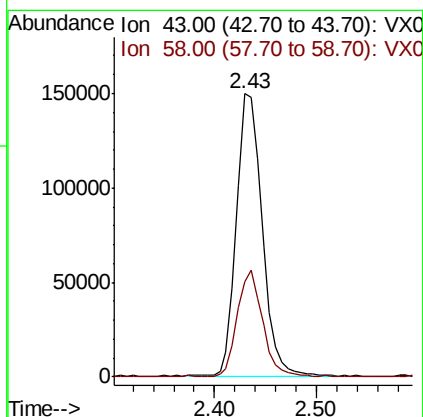
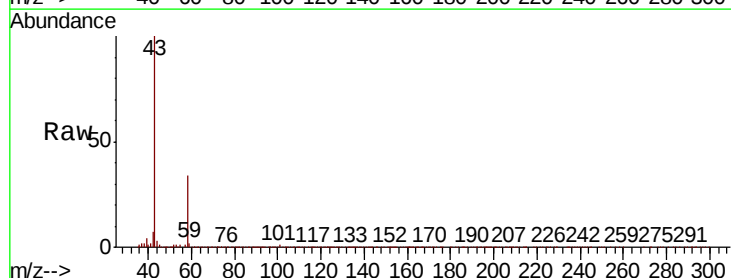
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

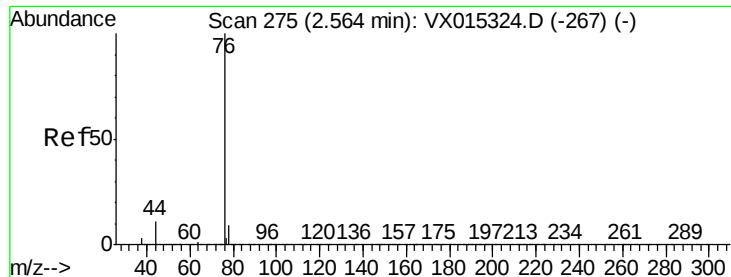
Tot Ion	Ratio	Lower	Upper
53	100		
52	81.8	64.6	97.0
51	34.8	27.5	41.3



#16
 Acetone
 Concen: 96.214 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.6	29.0	43.4





#17

Carbon Disulfide

Concen: 18.876 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

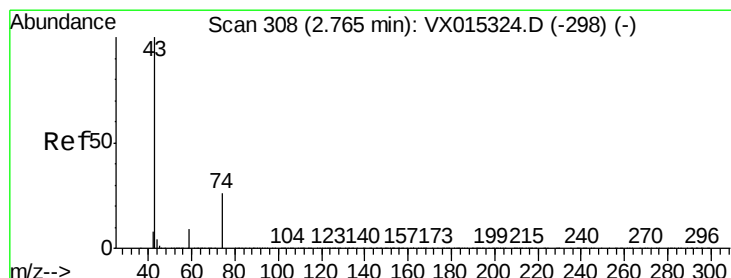
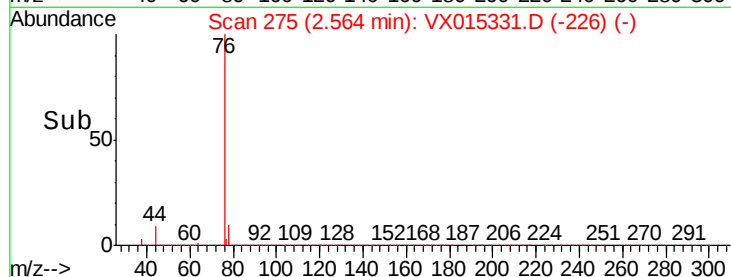
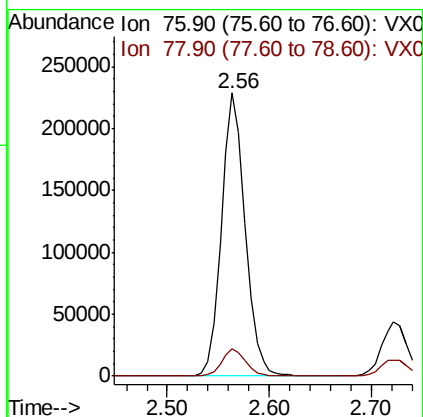
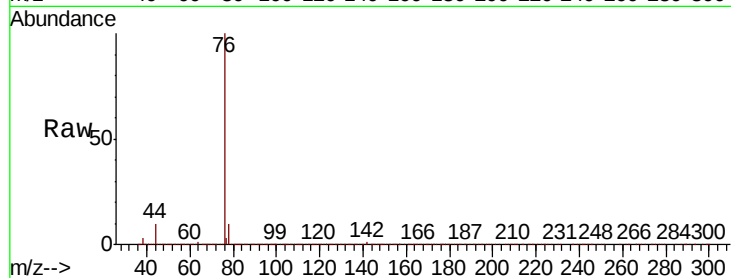
VX0318WBSD01

Tot Ion: 76 Resp: 366598

Ion Ratio Lower Upper

76 100

78 9.7 7.2 10.8



#18

Methyl Acetate

Concen: 19.056 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015331.D

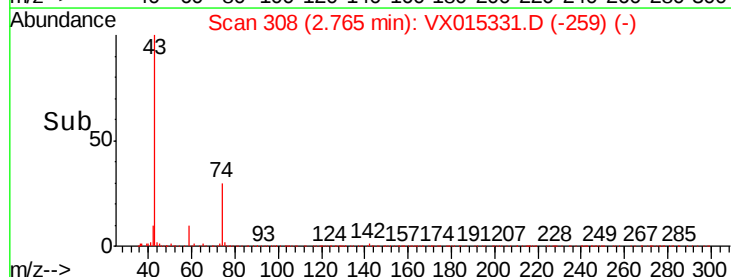
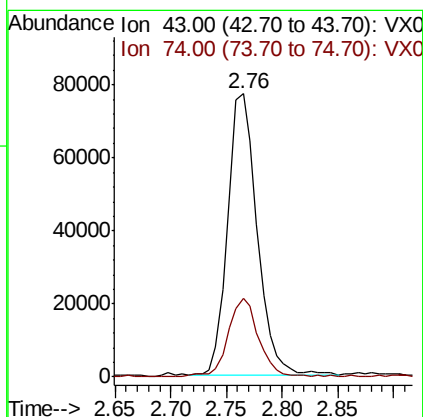
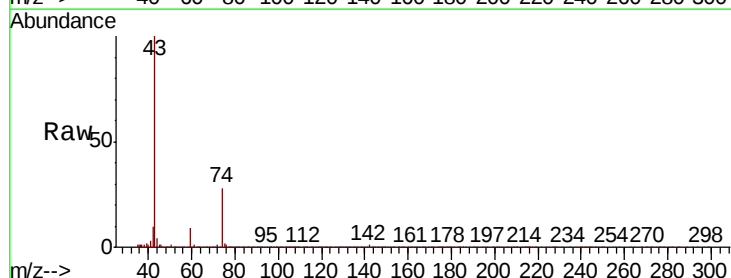
Acq: 18 Mar 2020 18:11

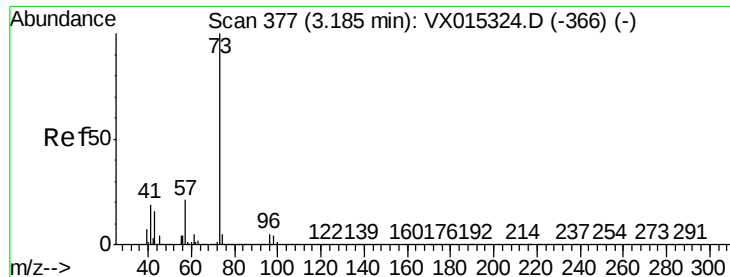
Tgt Ion: 43 Resp: 142594

Ion Ratio Lower Upper

43 100

74 28.9 21.9 32.9



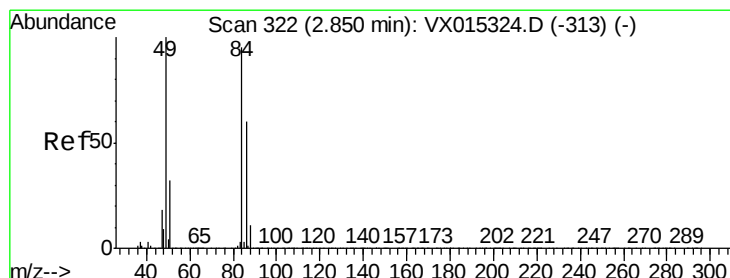
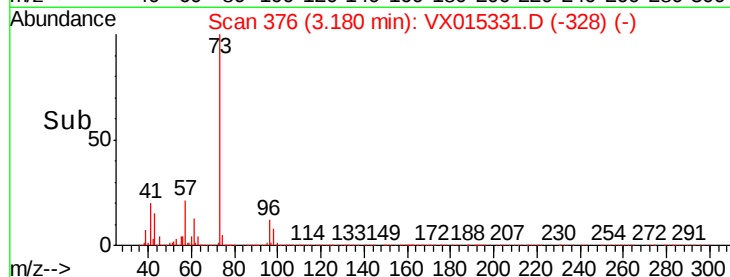
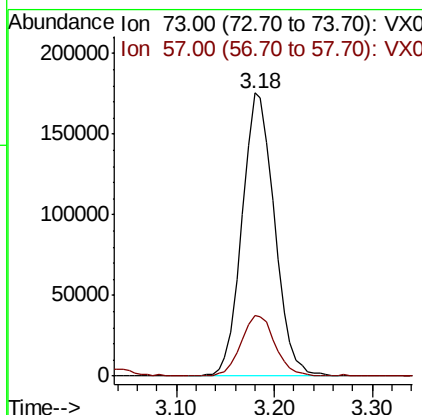
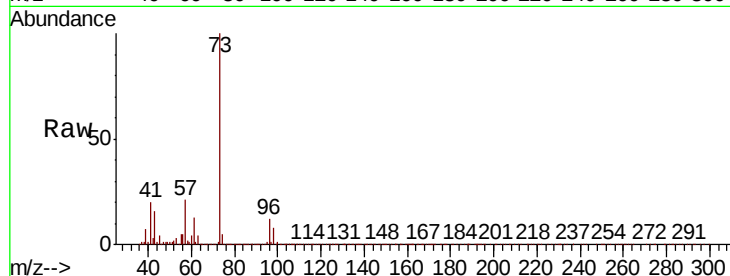


#19

Methyl tert-butyl Ether
 Concen: 19.252 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

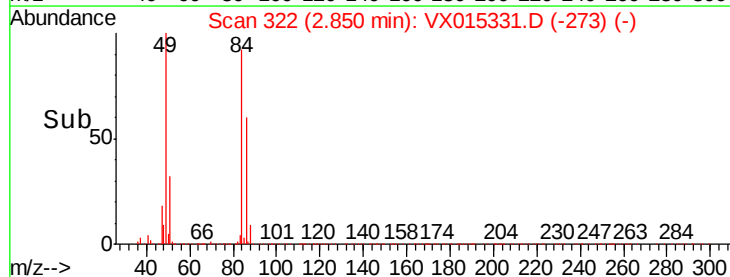
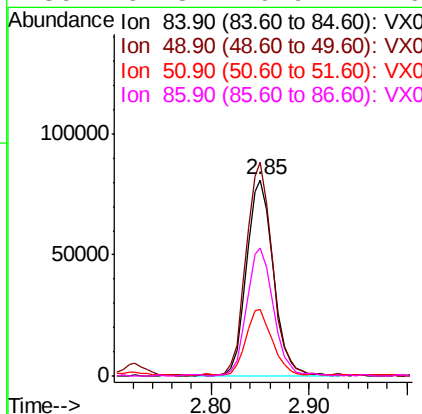
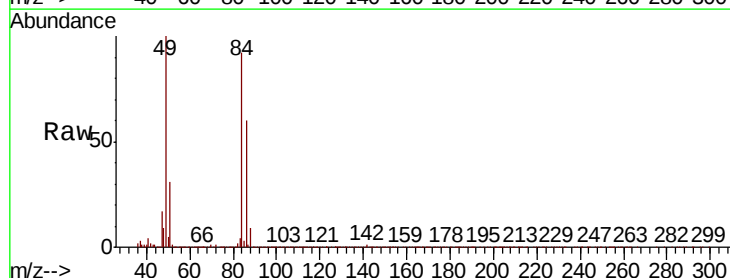
Tot Ion: 73 Resp: 404362
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.8 25.2

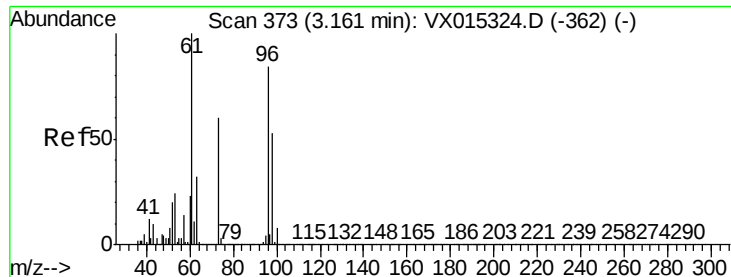


#20

Methylene Chloride
 Concen: 19.510 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion: 84 Resp: 153267
 Ion Ratio Lower Upper
 84 100
 49 108.5 84.0 126.0
 51 33.9 27.0 40.6
 86 64.8 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.639 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

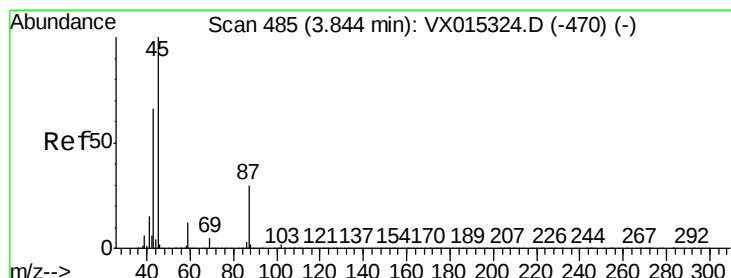
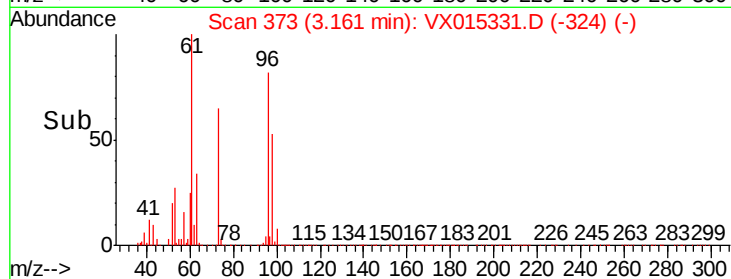
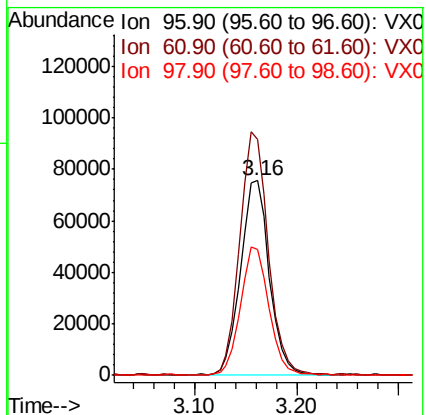
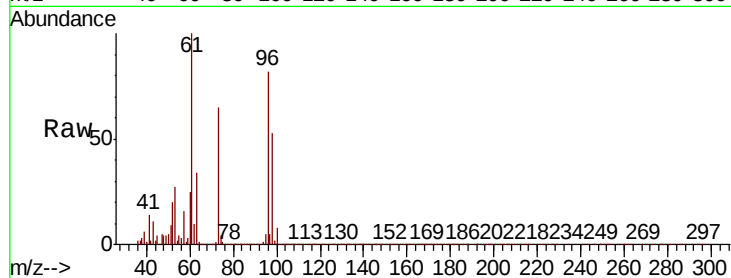
Tot Ion: 96 Resp: 148601

Ion Ratio Lower Upper

96 100

61 121.1 95.5 143.3

98 64.6 50.2 75.2



#22

Diisopropyl ether

Concen: 19.799 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Tgt Ion: 45 Resp: 430474

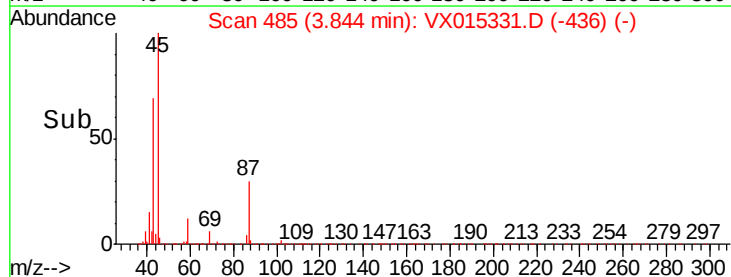
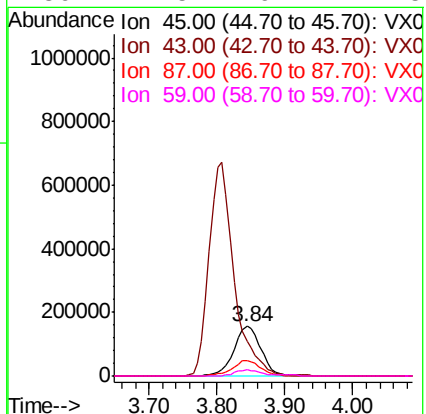
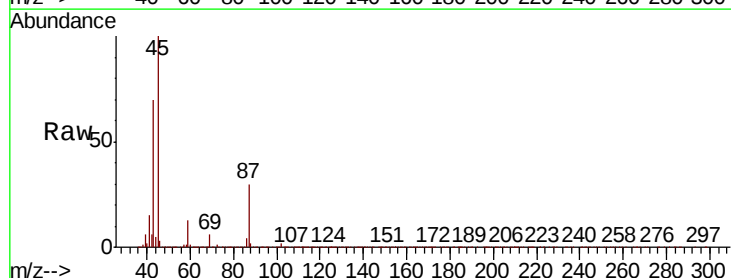
Ion Ratio Lower Upper

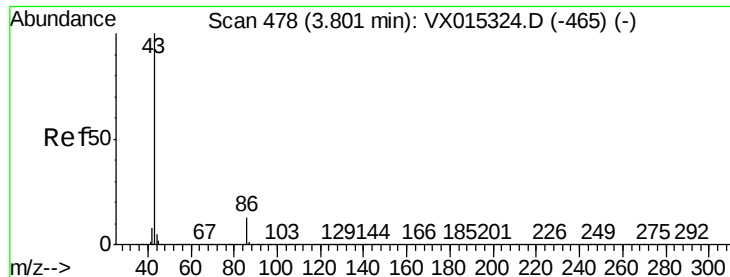
45 100

43 69.1 52.8 79.2

87 29.7 24.3 36.5

59 12.5 9.7 14.5





#23

Vinyl Acetate

Concen: 99.191 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

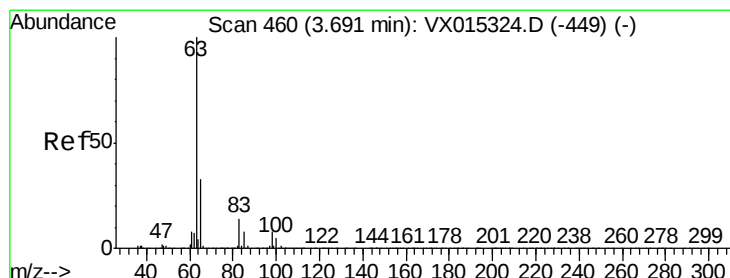
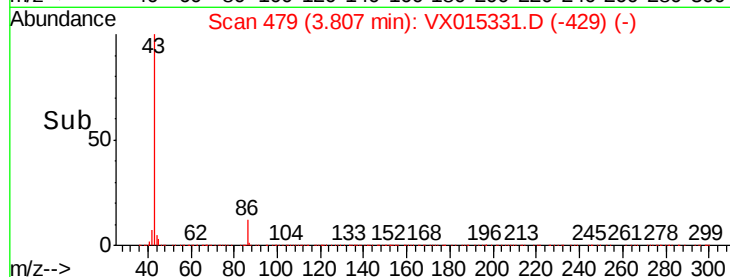
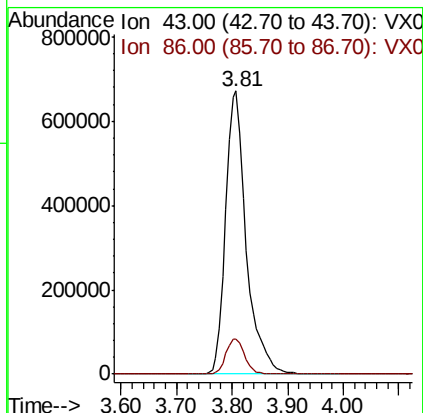
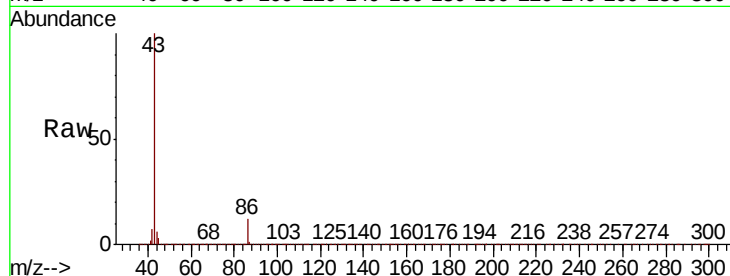
VX0318WBSD01

Tot Ion: 43 Resp: 1720043

Ion Ratio Lower Upper

43 100

86 12.4 10.1 15.1



#24

1,1-Dichloroethane

Concen: 18.233 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

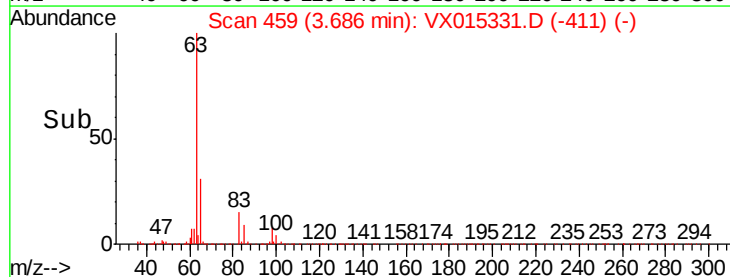
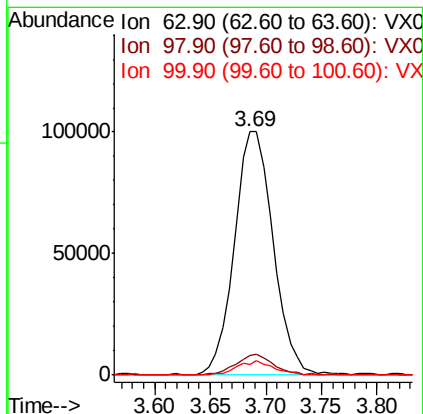
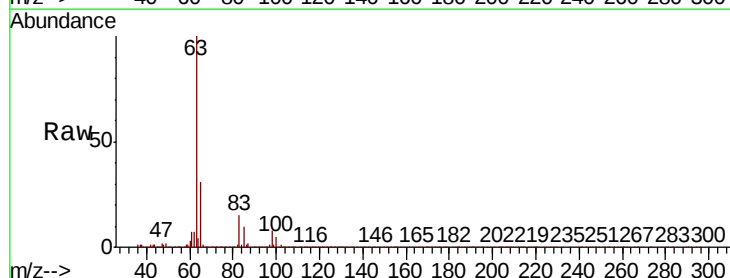
Tgt Ion: 63 Resp: 241997

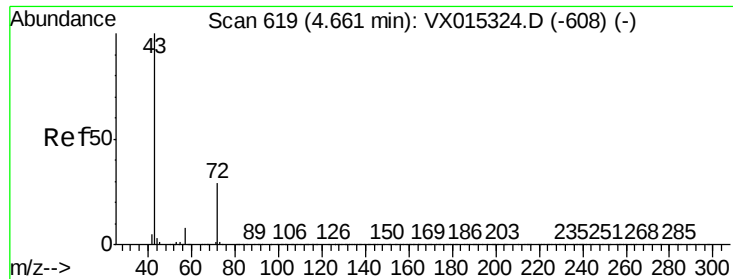
Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

100 4.3 2.4 7.2

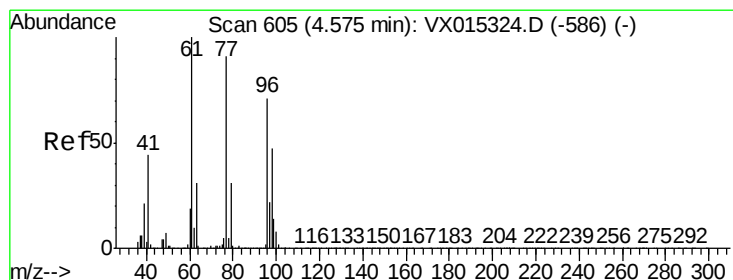
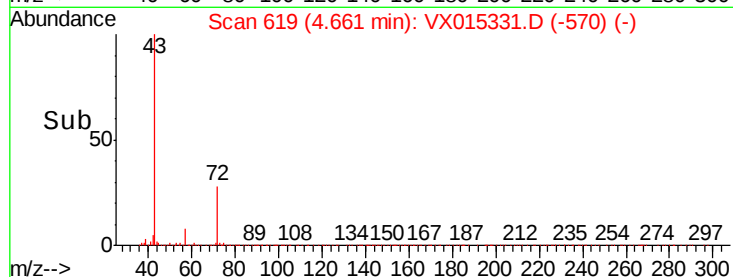
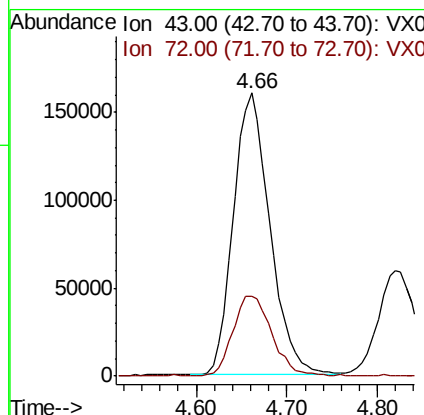
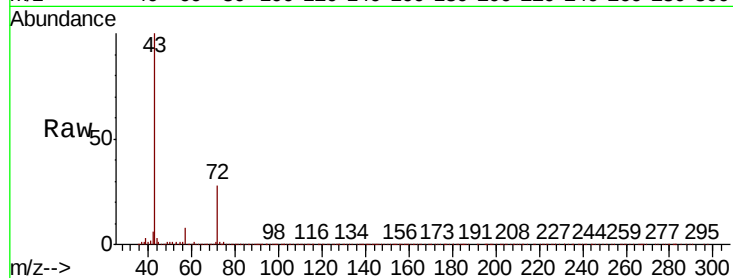




#25
2-Butanone
Concen: 99.407 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

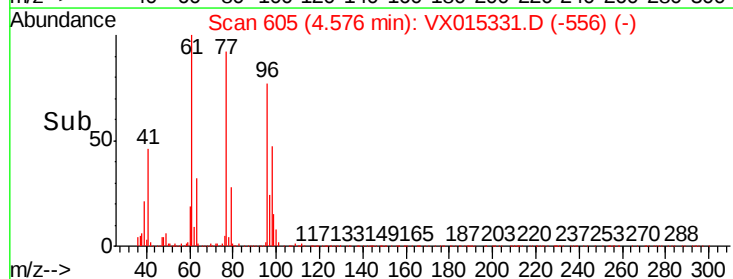
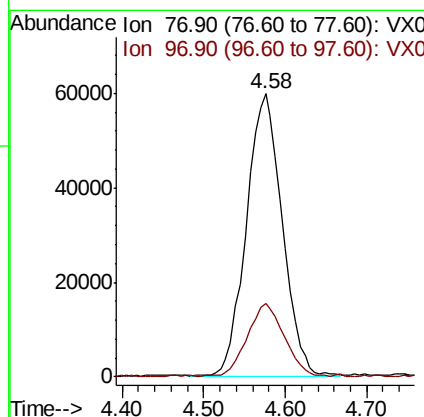
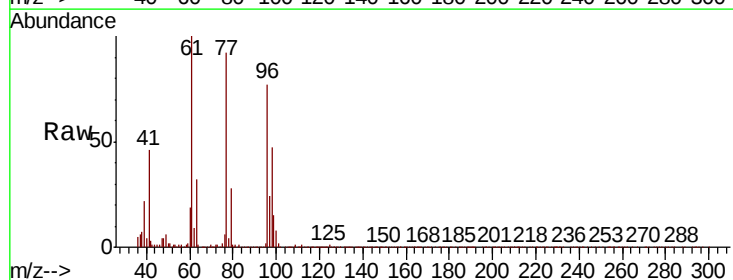
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

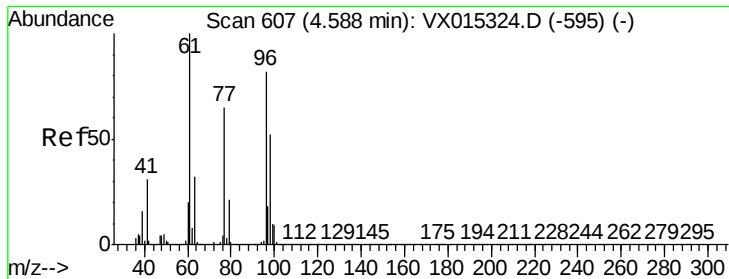
Tot Ion: 43 Resp: 449447
Ion Ratio Lower Upper
43 100
72 28.0 23.1 34.7



#26
2,2-Dichloropropane
Concen: 17.696 ug/l
RT: 4.58 min Scan# 605
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion: 77 Resp: 182525
Ion Ratio Lower Upper
77 100
97 26.8 13.0 38.9



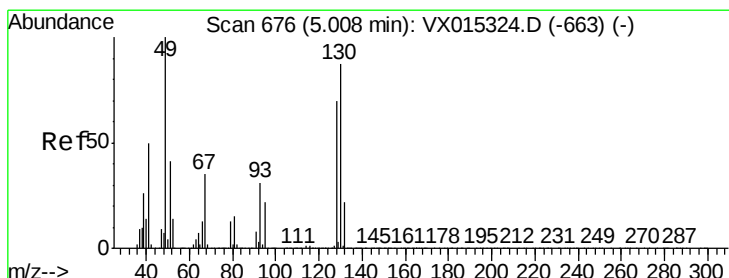
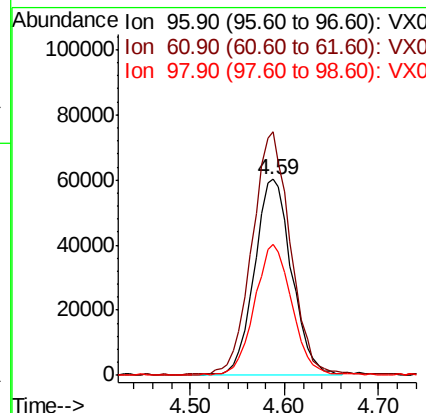
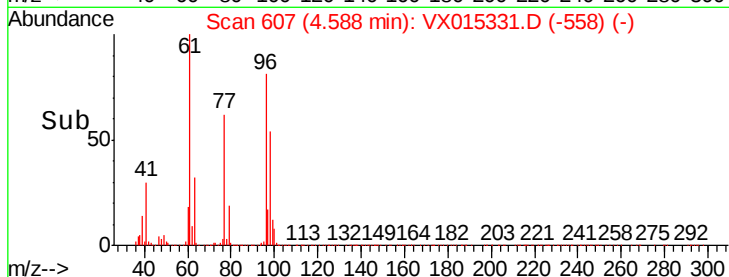
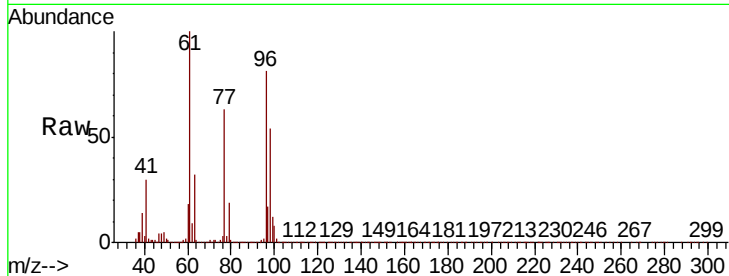


#27

cis-1,2-Dichloroethene
Concen: 19.232 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

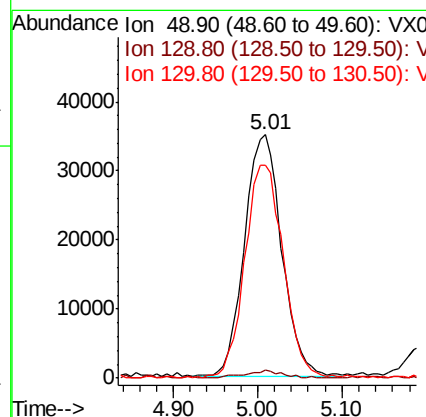
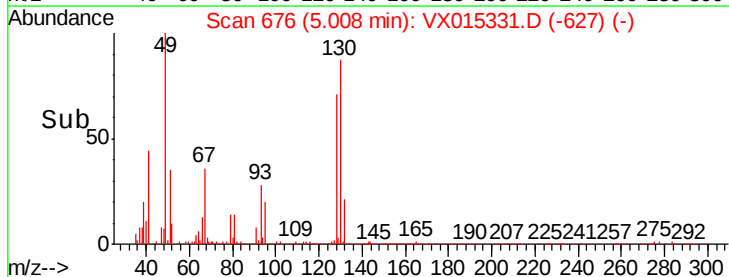
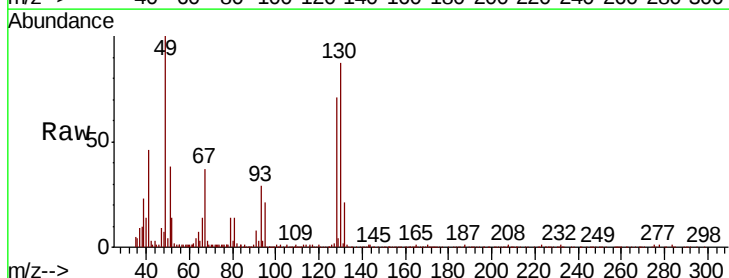
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.0	0.0	255.8
98	67.9	0.0	128.8

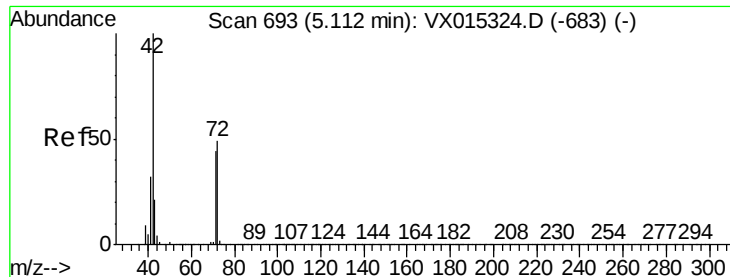


#28

Bromochloromethane
Concen: 19.509 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	89.8	69.9	104.9

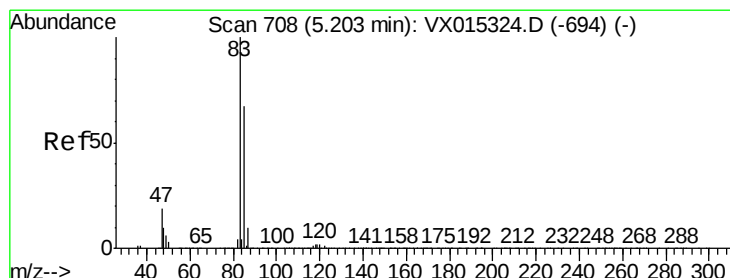
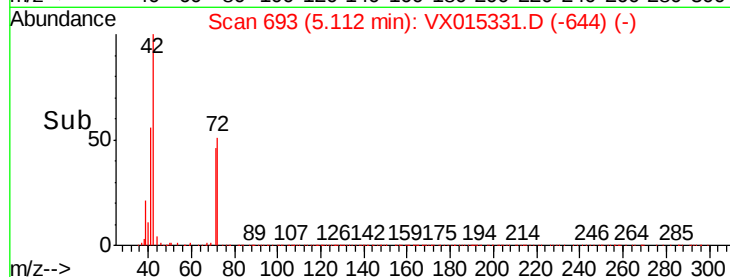
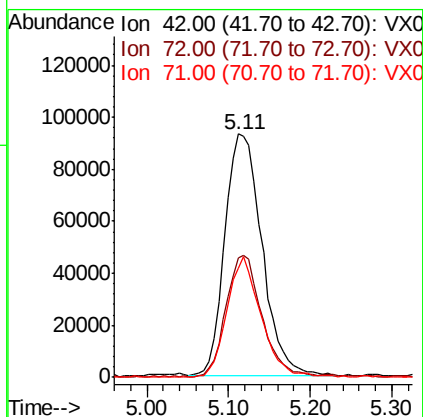
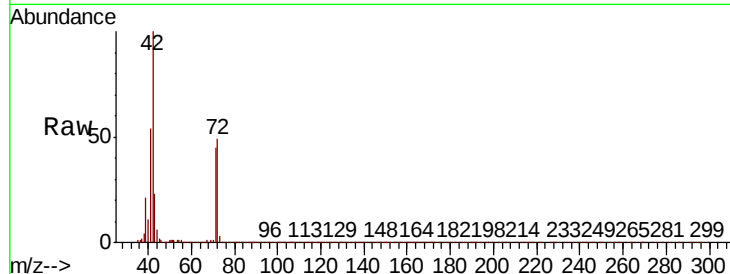




#29
Tetrahydrofuran
Concen: 98.997 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

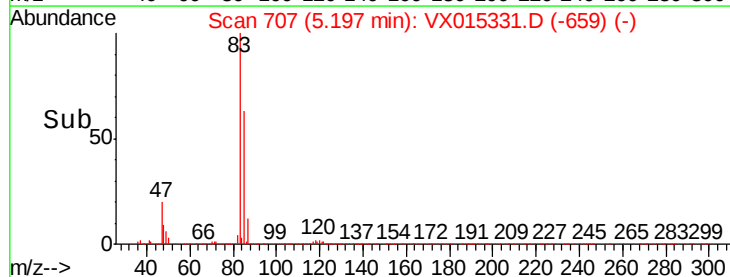
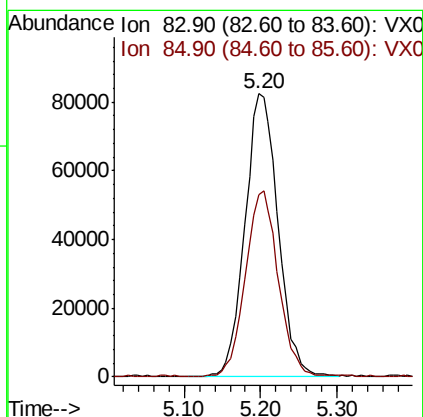
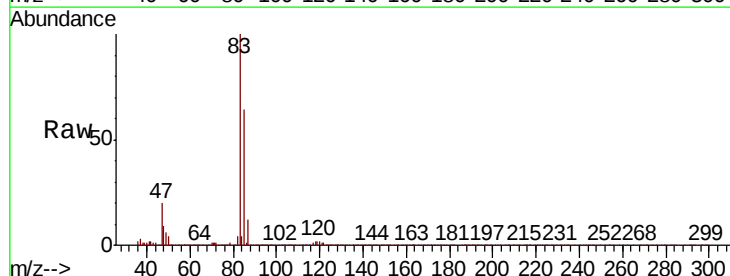
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

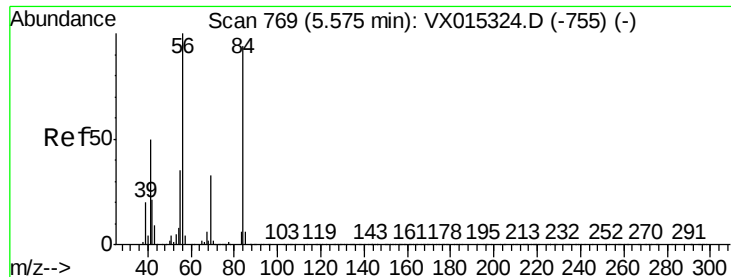
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.0	39.6	59.4
71	45.6	36.5	54.7



#30
Chloroform
Concen: 18.433 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.8	80.6

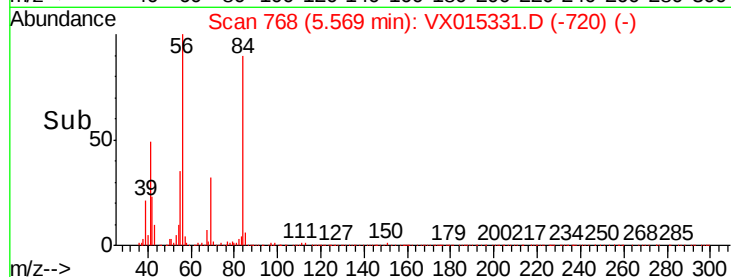
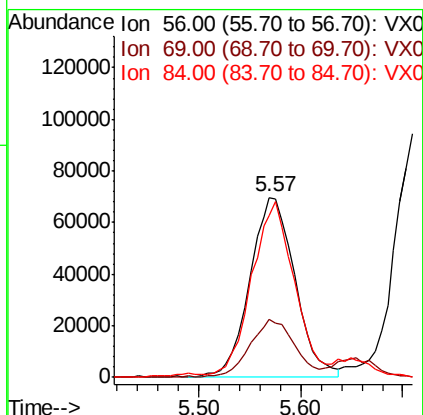
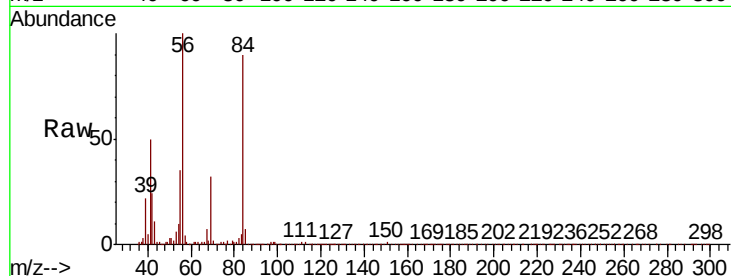




#31
Cyclohexane
Concen: 19.592 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

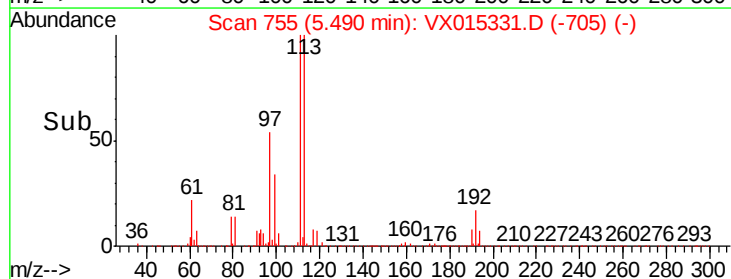
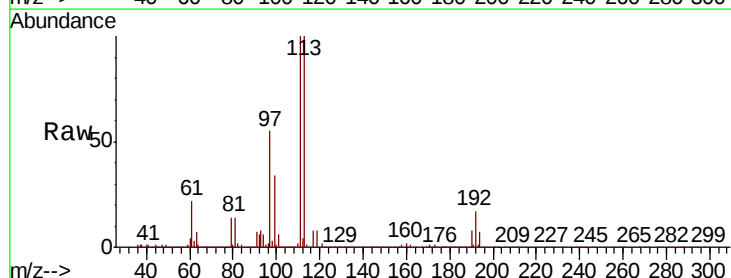
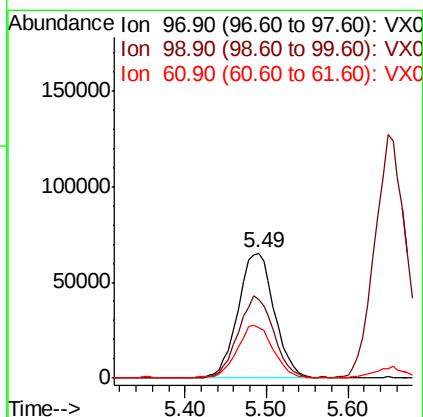
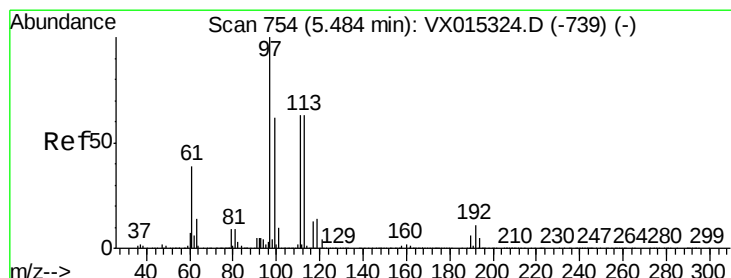
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

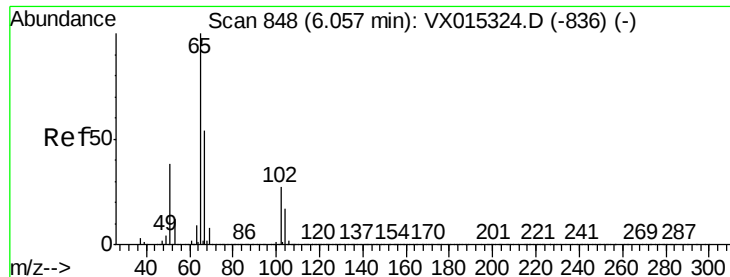
Tot Ion: 56 Resp: 212306
Ion Ratio Lower Upper
56 100
69 31.7 26.2 39.4
84 87.9 75.2 112.8



#32
1,1,1-Trichloroethane
Concen: 18.164 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion: 97 Resp: 200663
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.0
61 41.9 31.7 47.5





#33

1,2-Dichloroethane-d4

Concen: 45.825 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

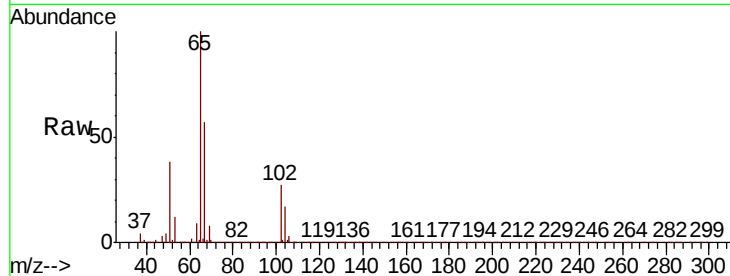
VX0318WBSD01

Tot Ion: 65 Resp: 324967

Ion Ratio Lower Upper

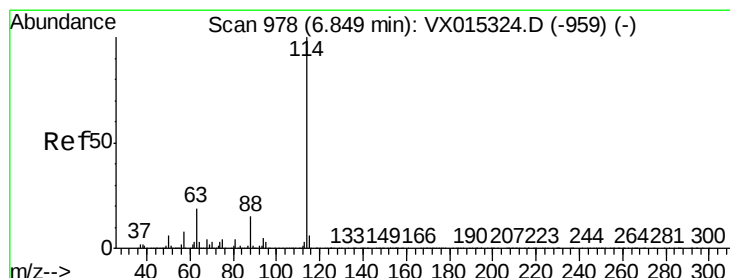
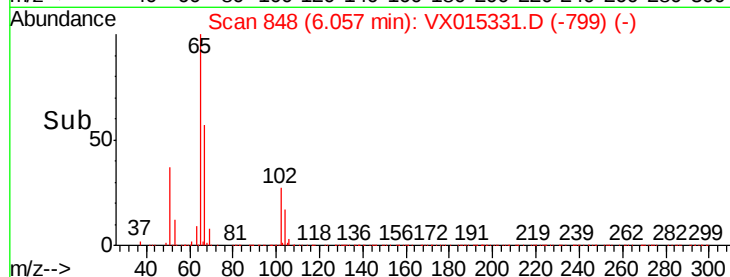
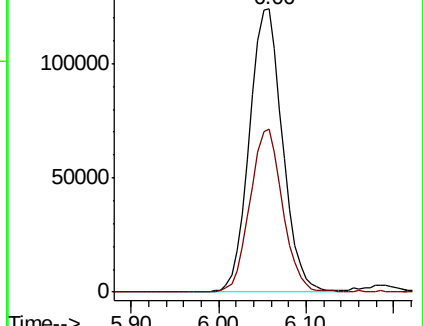
65 100

67 56.3 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

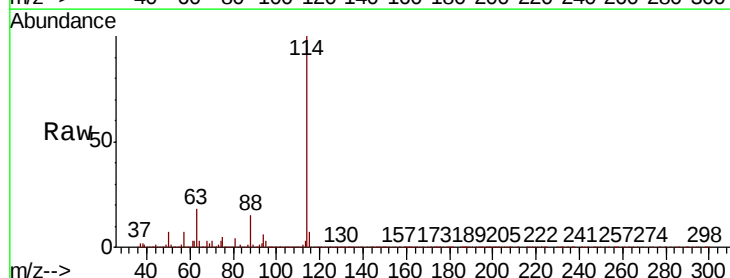
Tgt Ion: 114 Resp: 1083381

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

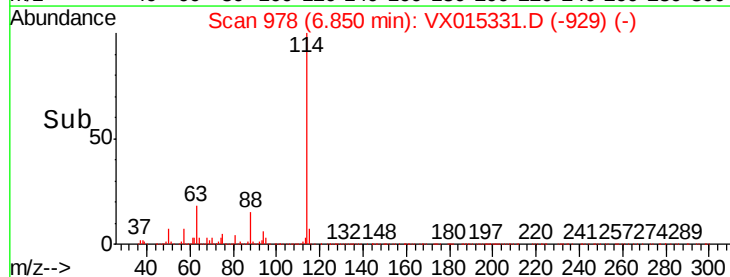
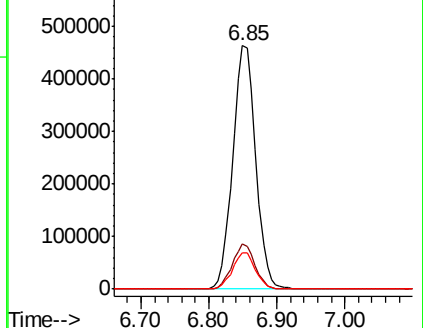
88 14.7 0.0 30.0

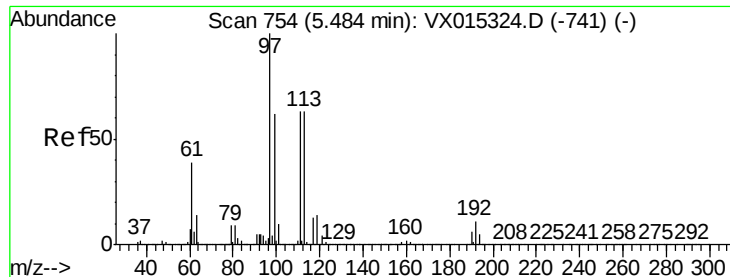


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.881 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

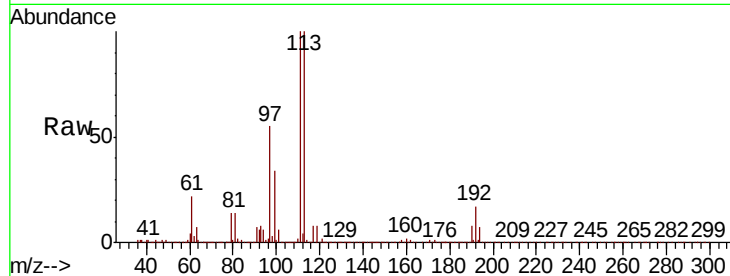
Tot Ion:113 Resp: 323899

Ion Ratio Lower Upper

113 100

111 103.1 82.5 123.7

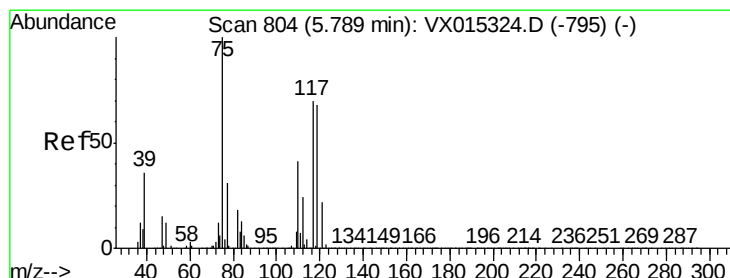
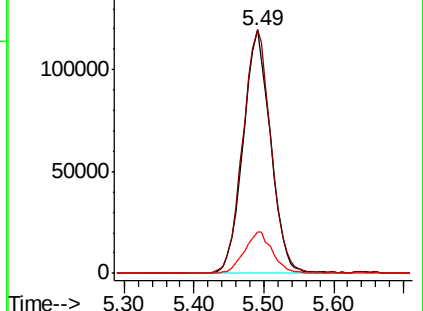
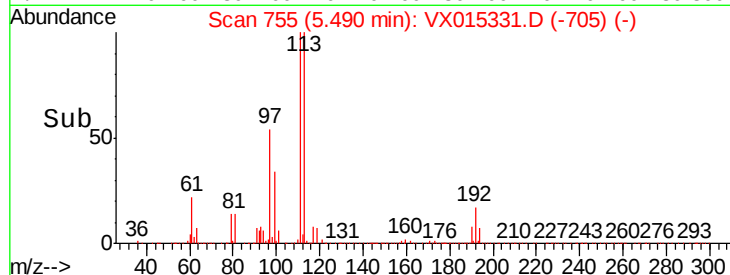
192 17.3 14.2 21.2



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: 17.229 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

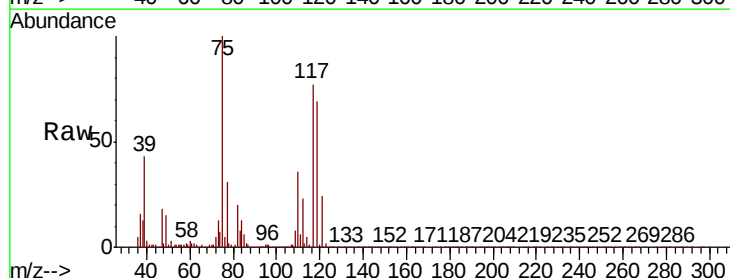
Tgt Ion: 75 Resp: 177073

Ion Ratio Lower Upper

75 100

110 38.6 19.4 58.4

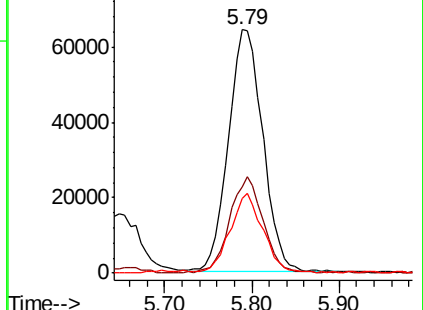
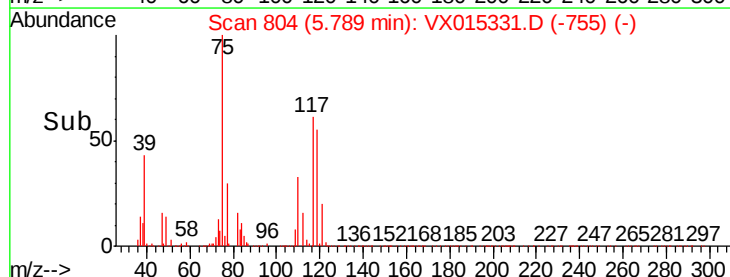
77 30.7 24.6 37.0

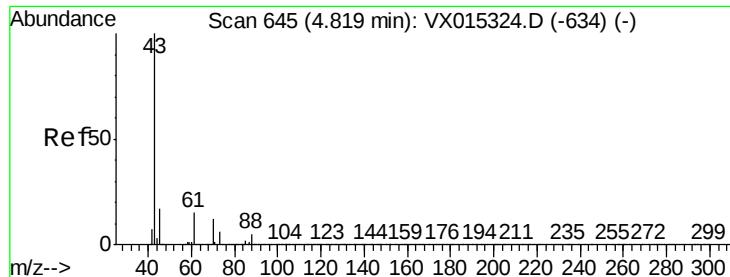


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

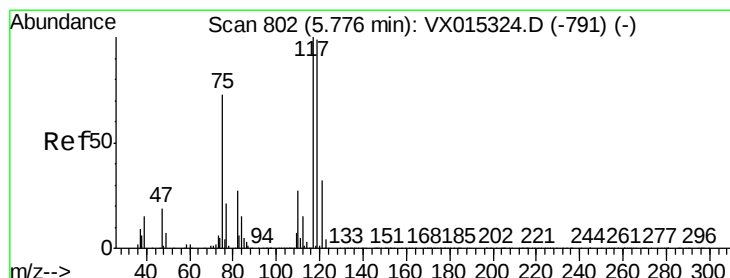
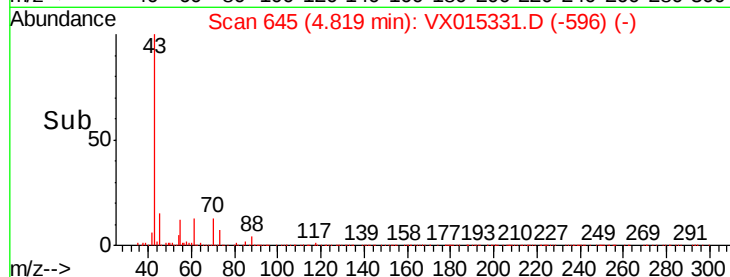
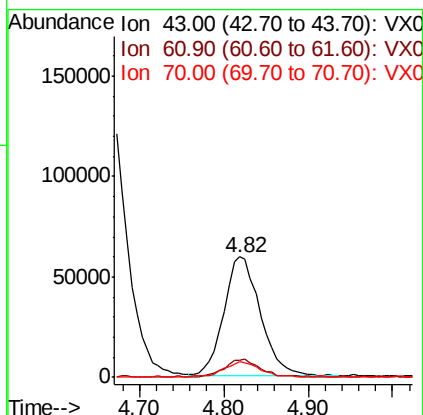
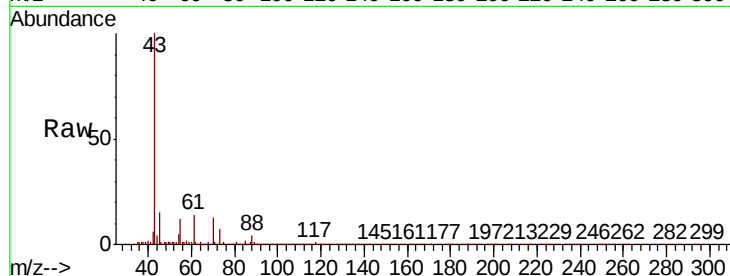




#37
Ethyl Acetate
Concen: 18.611 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

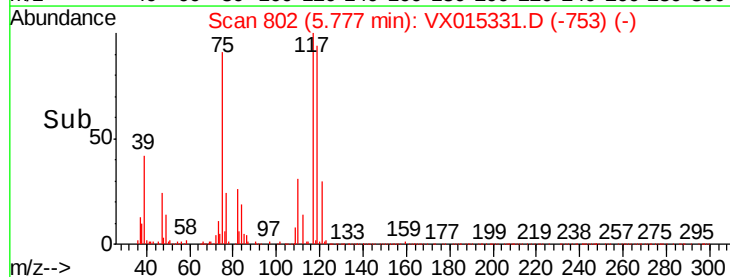
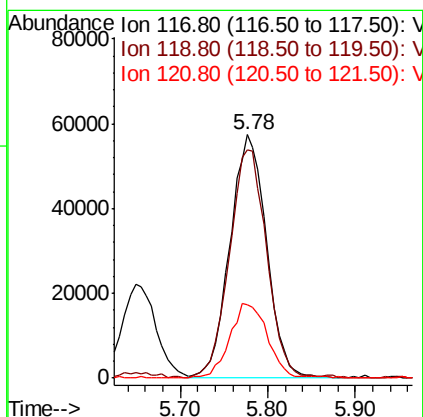
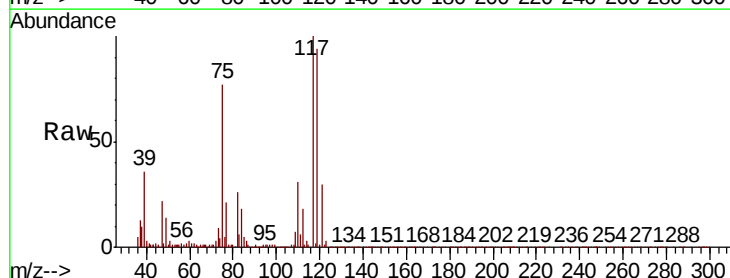
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

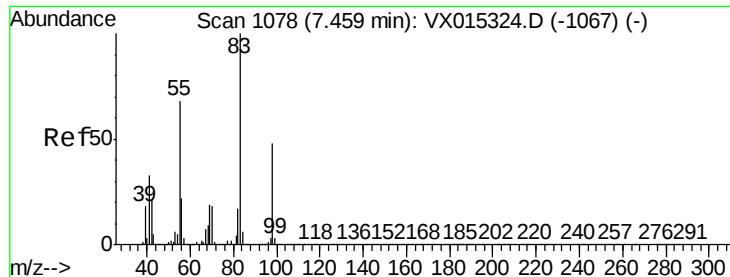
Tot Ion: 43 Resp: 173615
Ion Ratio Lower Upper
43 100
61 14.4 12.2 18.2
70 12.5 9.8 14.6



#38
Carbon Tetrachloride
Concen: 16.981 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion: 117 Resp: 165803
Ion Ratio Lower Upper
117 100
119 93.7 79.3 118.9
121 29.8 25.4 38.0

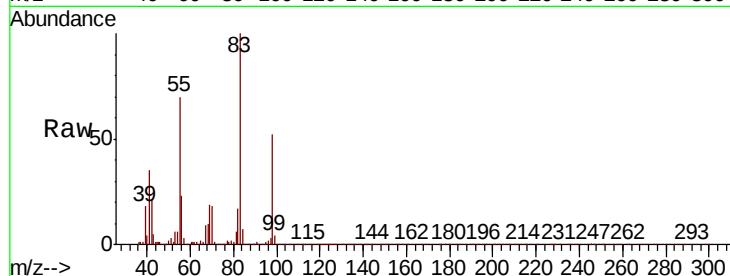




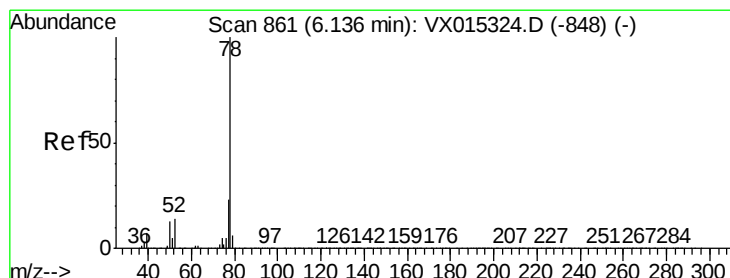
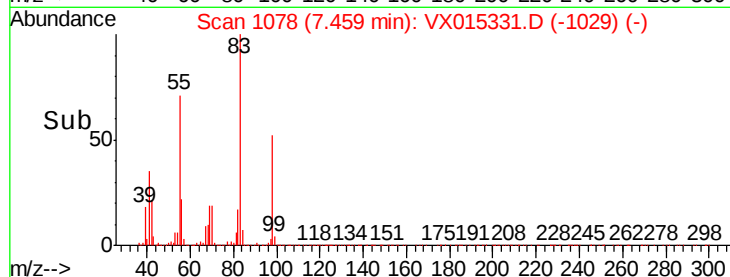
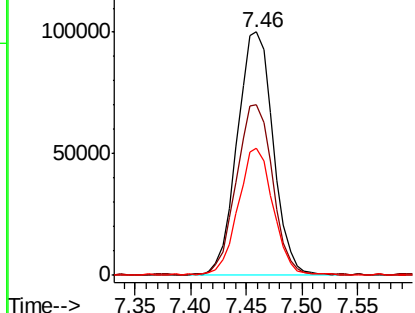
#39
Methvlcvclohexane
Concen: 18.027 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.0	54.8	82.2
98	51.8	38.8	58.2

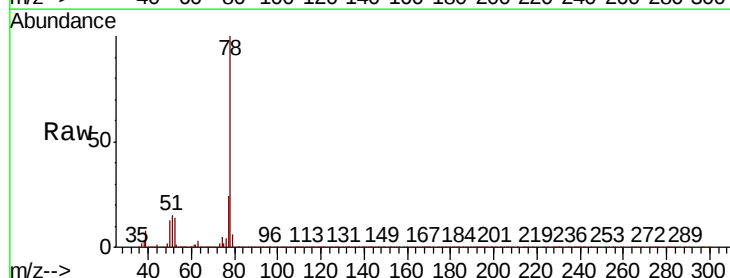


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

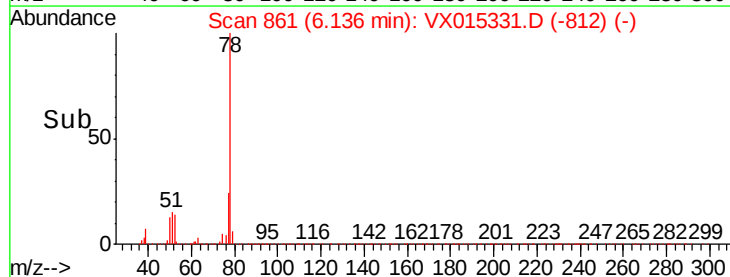
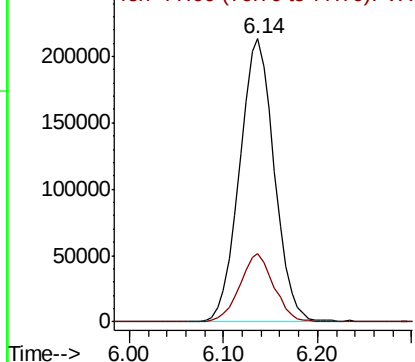


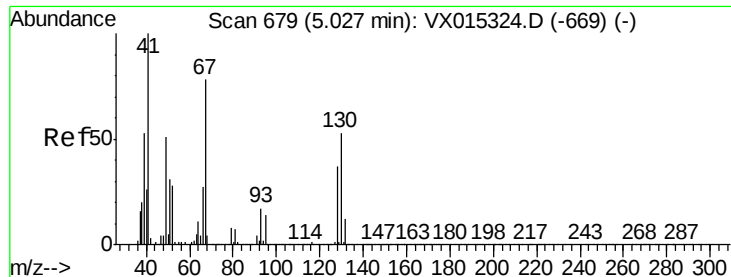
#40
Benzene
Concen: 17.613 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.2	27.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

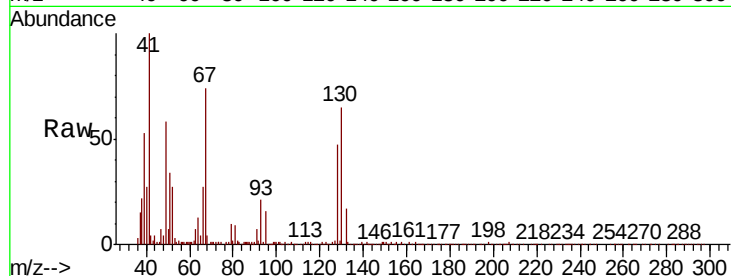




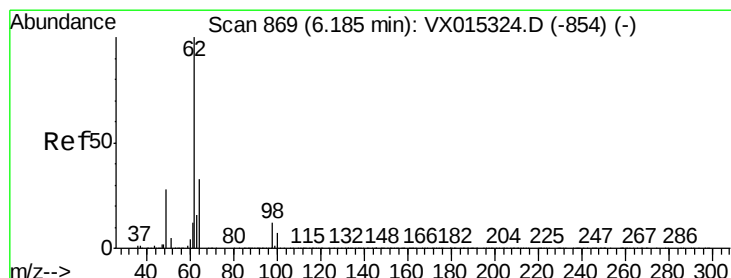
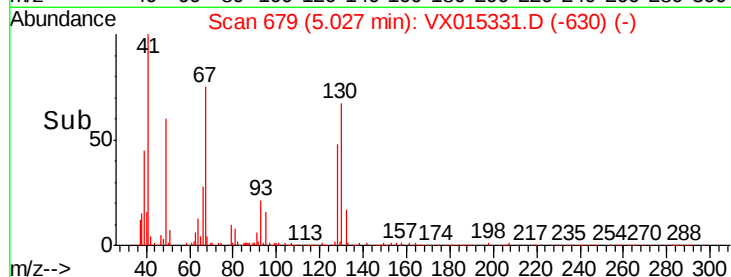
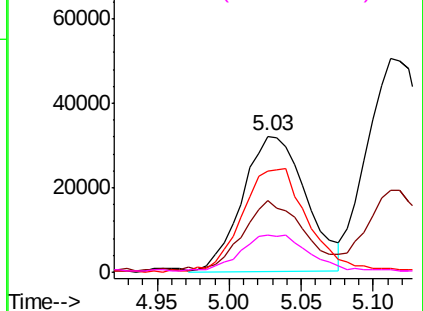
#41
Methacrylonitrile
Concen: 19.720 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion:	41	Resp:	98469
Ion	Ratio	Lower	Upper
41	100		
39	50.0	43.0	64.6
67	79.7	66.0	99.0
52	27.6	24.6	36.8

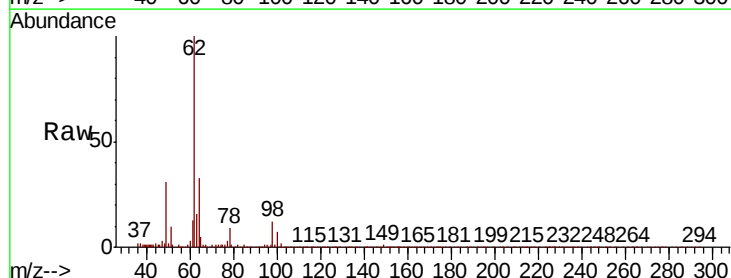


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

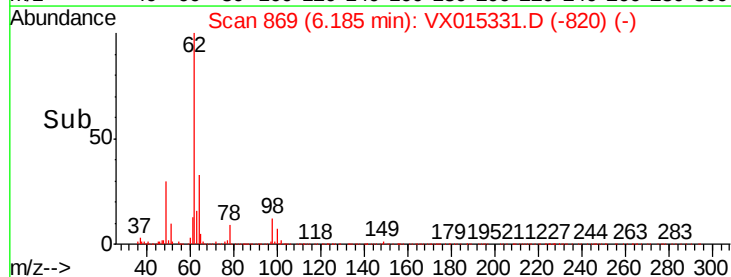
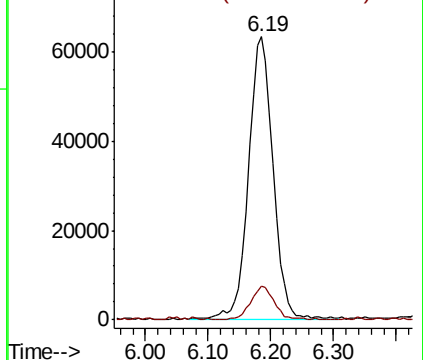


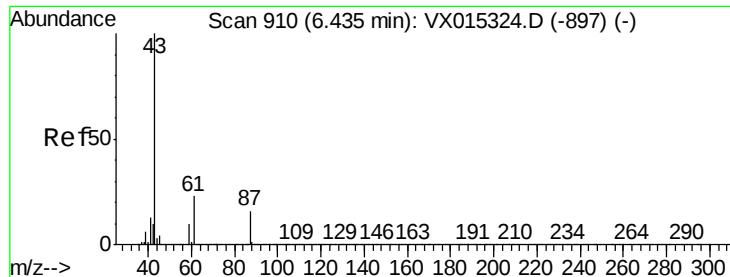
#42
1,2-Dichloroethane
Concen: 18.036 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion:	62	Resp:	169791
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	22.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



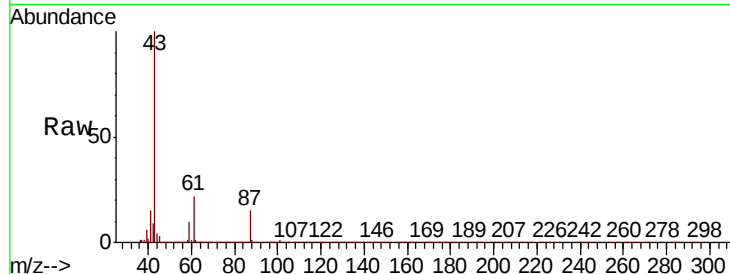


#43

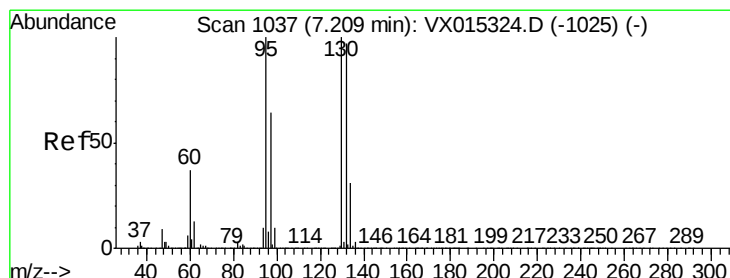
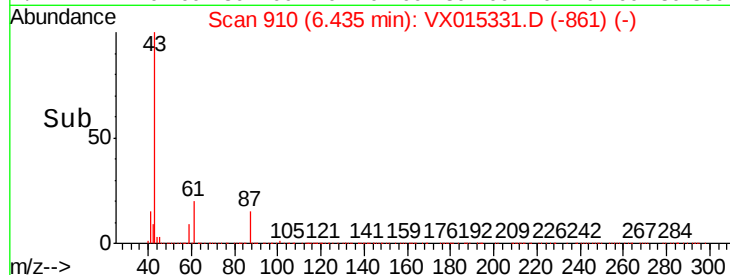
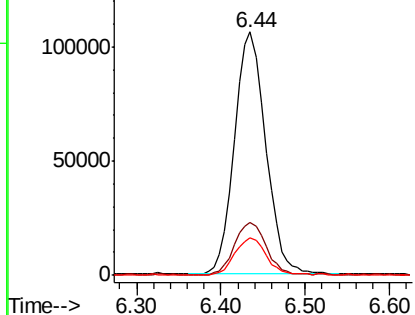
Isopropyl Acetate
 Concen: 18.840 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.2	27.2
87	15.7	12.3	18.5



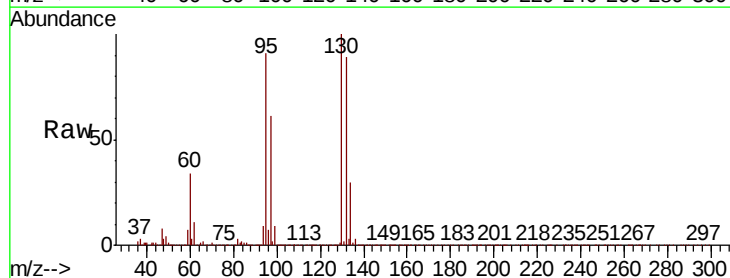
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



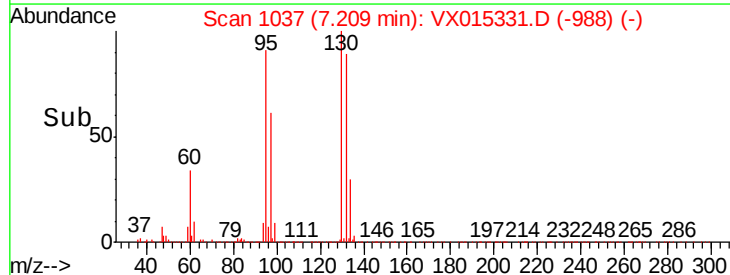
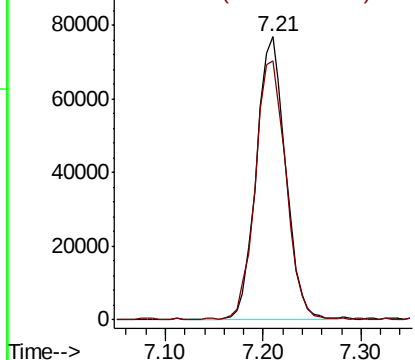
#44

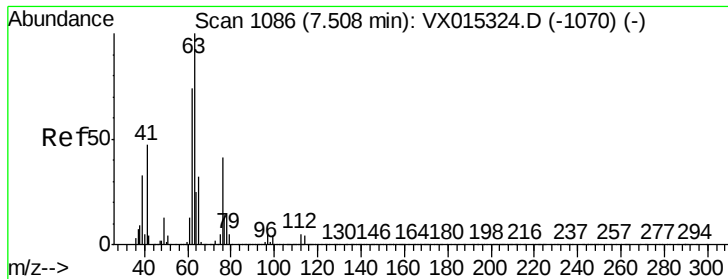
Trichloroethene
 Concen: 18.605 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	200.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

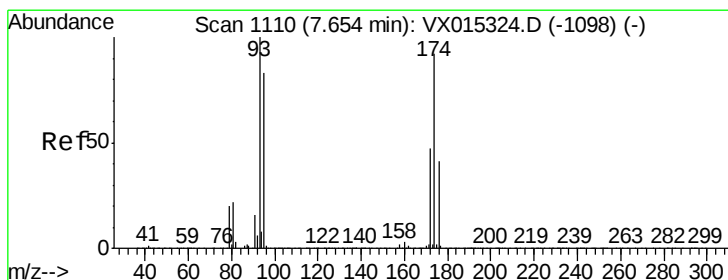
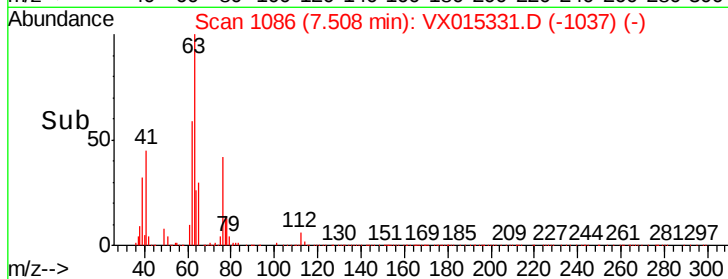
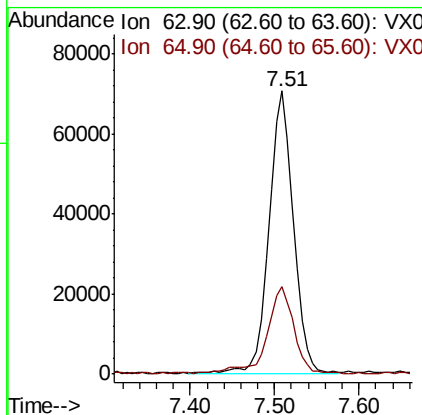
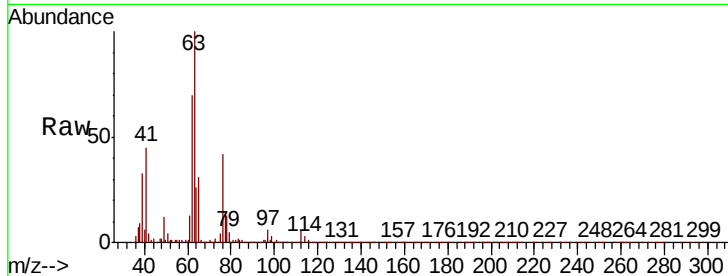




#45
 1,2-Dichloropropane
 Concen: 19.456 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

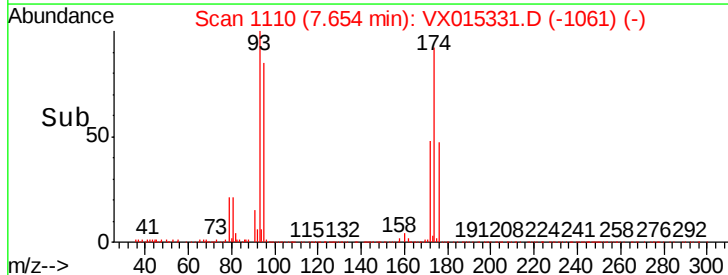
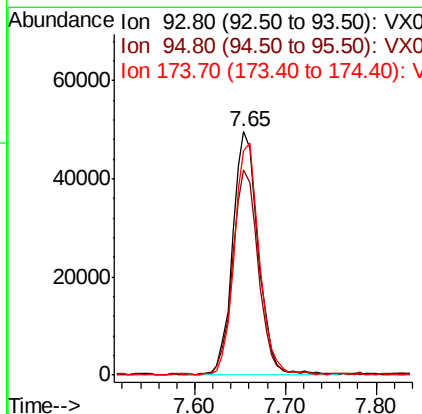
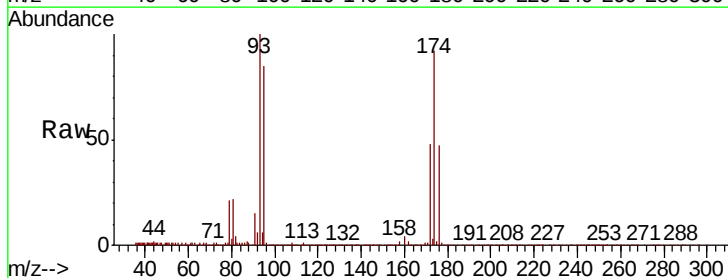
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

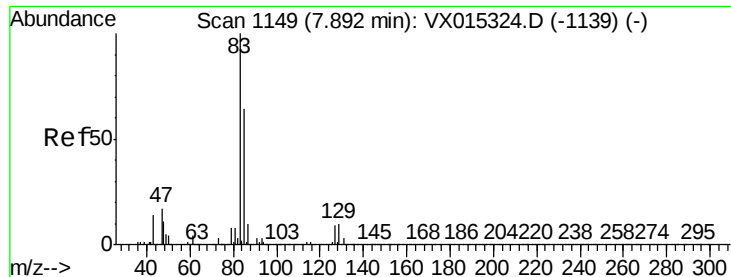
Tot Ion: 63 Resp: 143416
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.1 37.7



#46
 Dibromomethane
 Concen: 18.980 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion: 93 Resp: 97891
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.3 99.5
 174 92.7 74.2 111.2





#47

Bromodichloromethane

Concen: 18.919 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

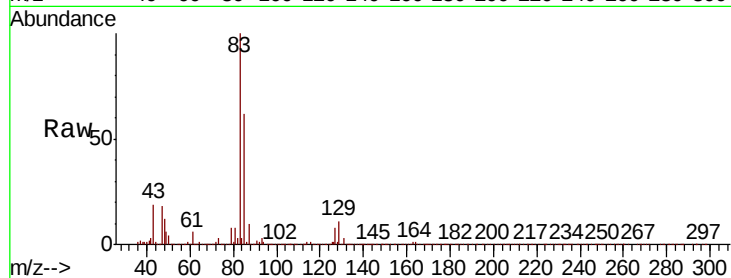
Tot Ion: 83 Resp: 183243

Ion Ratio Lower Upper

83 100

85 61.9 51.0 76.6

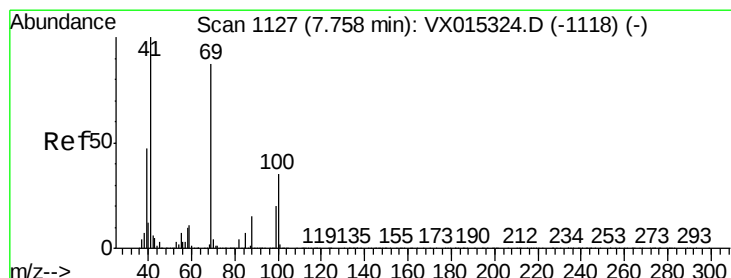
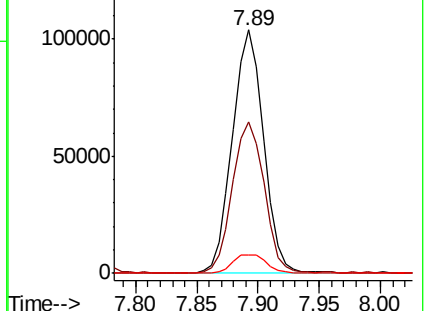
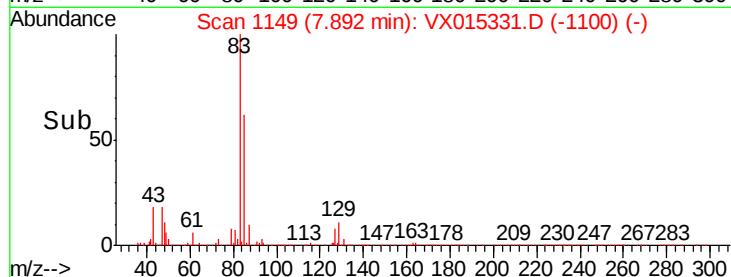
127 7.6 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.747 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.01 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

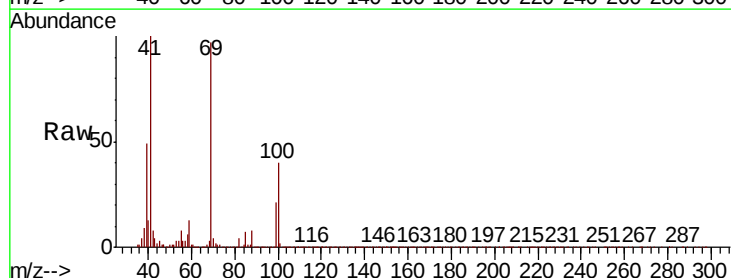
Tgt Ion: 41 Resp: 133762

Ion Ratio Lower Upper

41 100

69 91.3 74.4 111.6

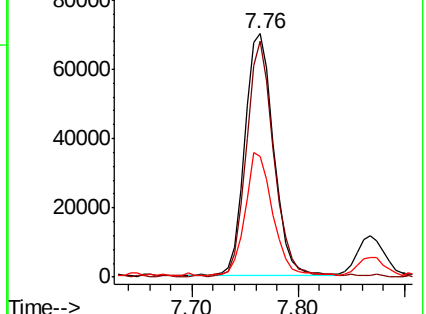
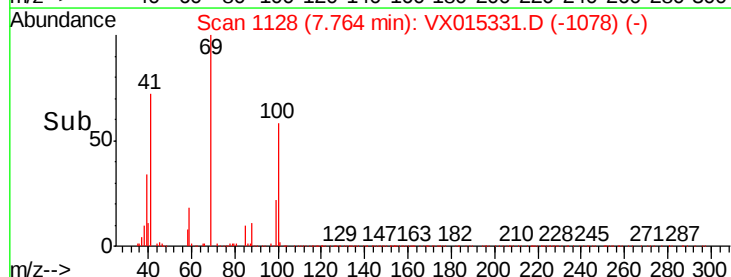
39 48.6 39.2 58.8

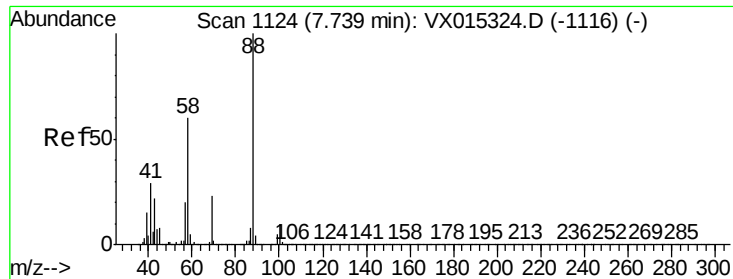


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

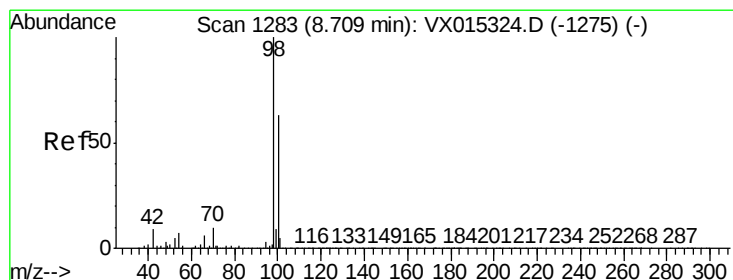
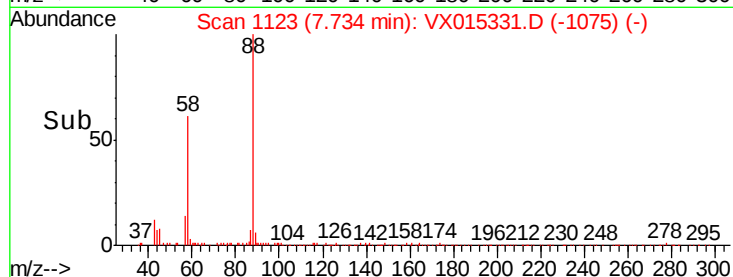
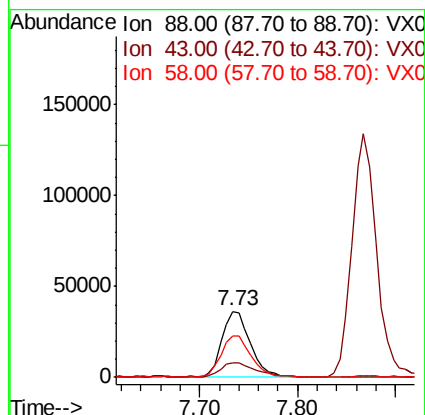
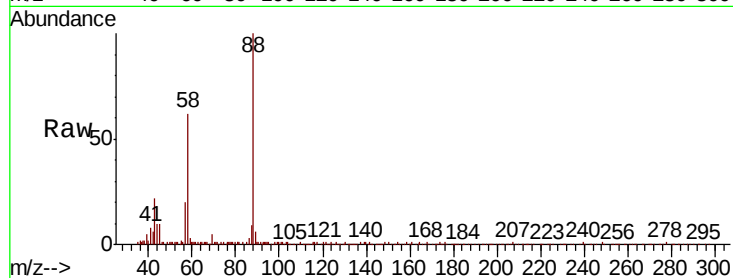




#49
1,4-Dioxane
Concen: 390.606 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

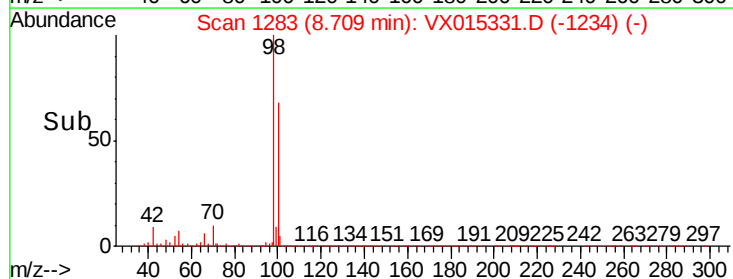
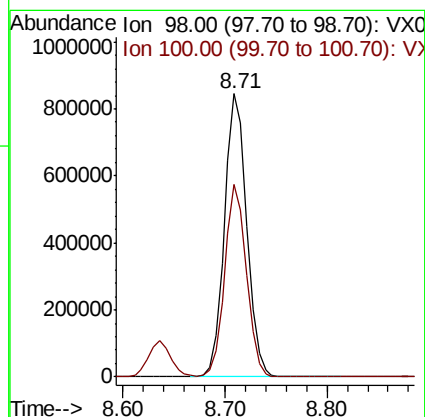
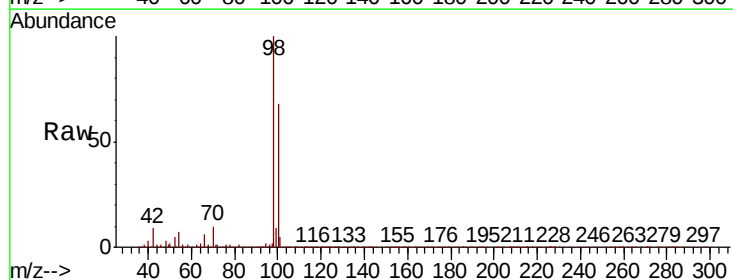
Instrument :
MSVOA_X
ClientSampled :
VX0318WBSD01

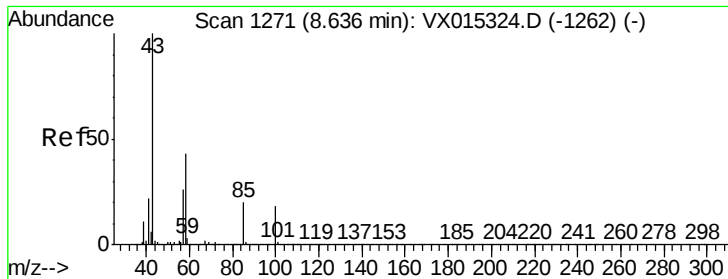
Tot Ion: 88 Resp: 72698
Ion Ratio Lower Upper
88 100
43 26.3 20.7 31.1
58 65.6 53.9 80.9



#50
Toluene-d8
Concen: 49.062 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion: 98 Resp: 1278934
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6

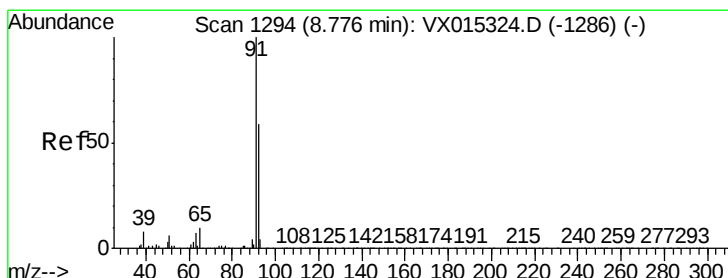
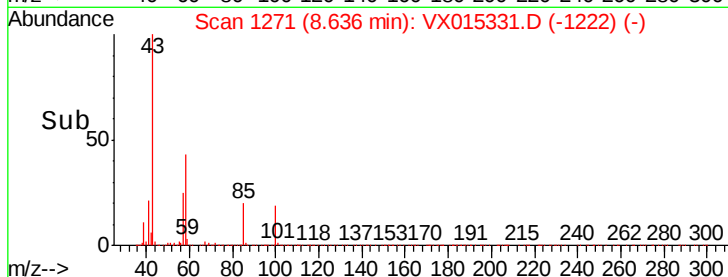
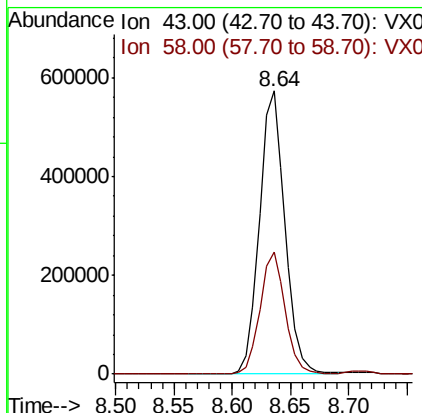
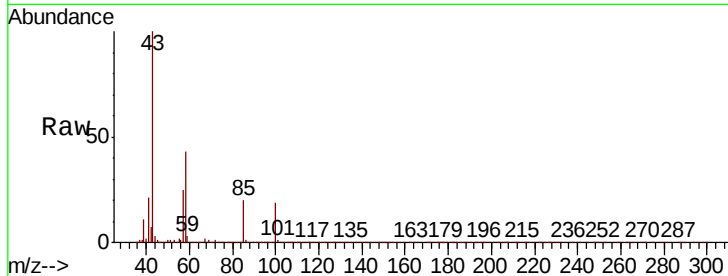




#51
4-Methyl-2-Pentanone
Concen: 100.331 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

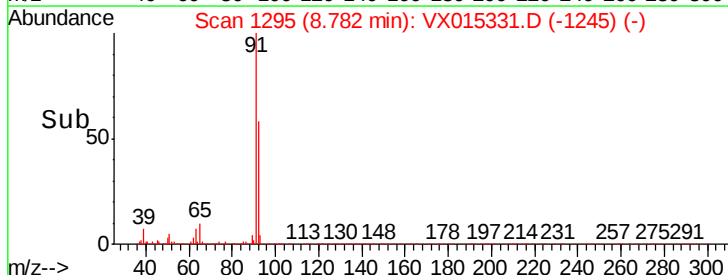
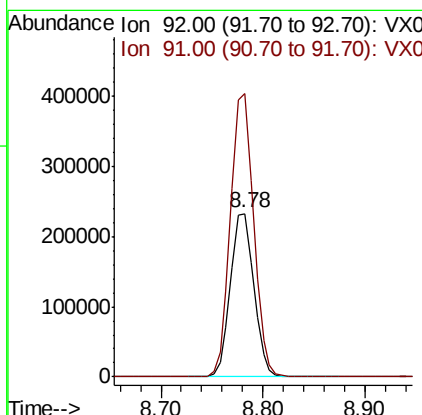
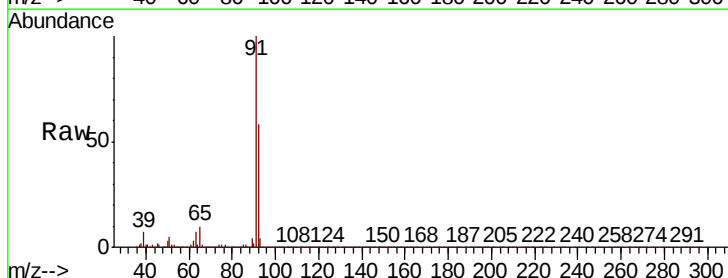
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

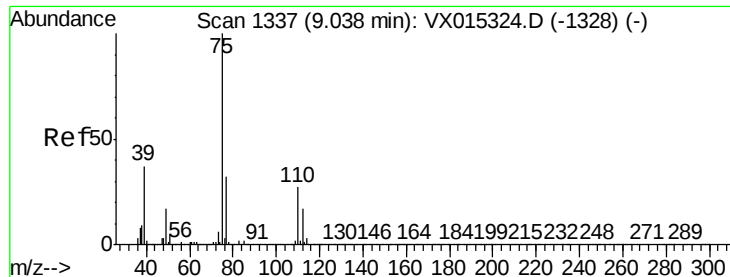
Tot Ion: 43 Resp: 876577
Ion Ratio Lower Upper
43 100
58 42.3 34.6 51.8



#52
Toluene
Concen: 19.293 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion: 92 Resp: 369964
Ion Ratio Lower Upper
92 100
91 171.9 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.316 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

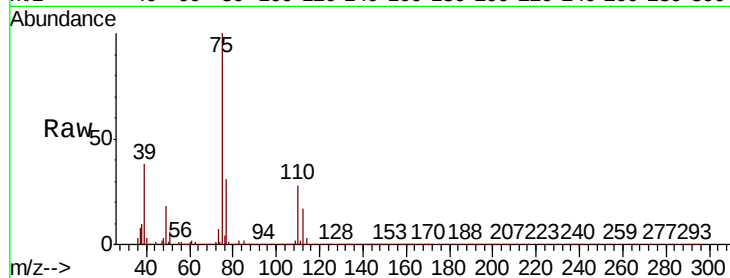
VX0318WBSD01

Tot Ion: 75 Resp: 200180

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

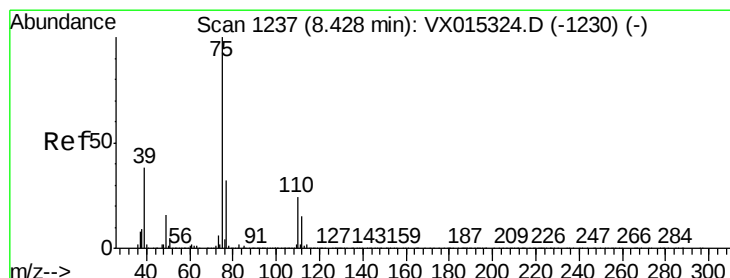
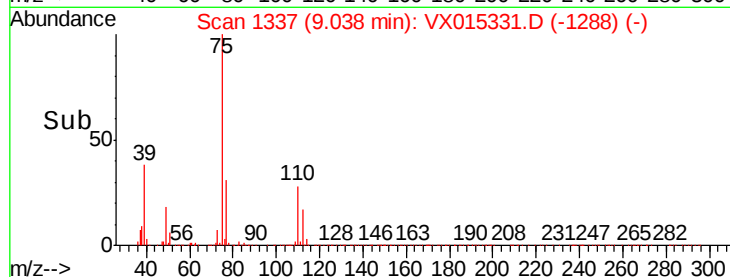
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.923 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

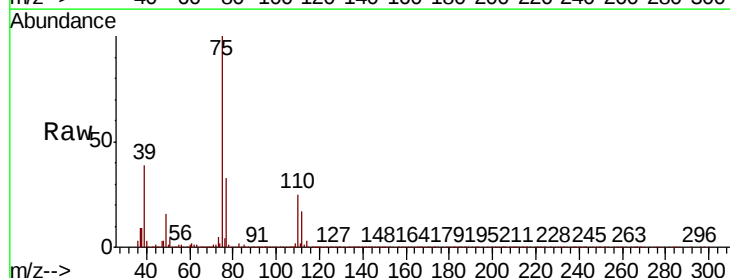
Tgt Ion: 75 Resp: 222696

Ion Ratio Lower Upper

75 100

77 32.9 25.7 38.5

39 38.6 30.2 45.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

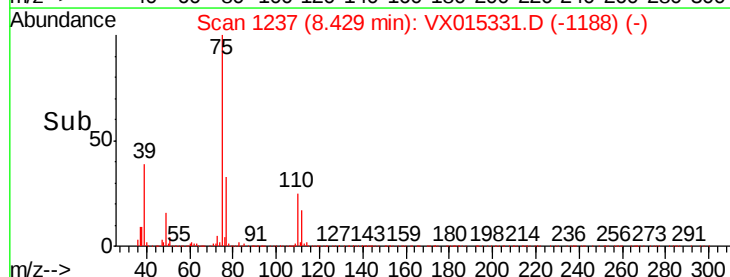
150000

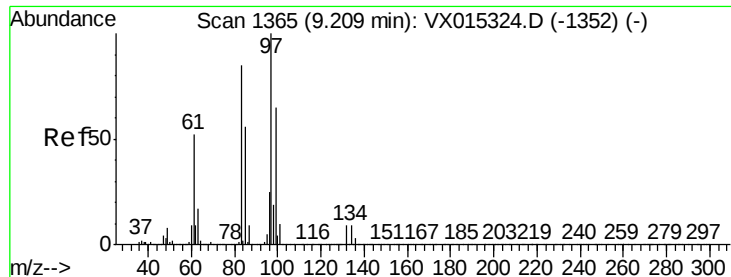
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 17.972 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

Tot Ion: 97 Resp: 146122

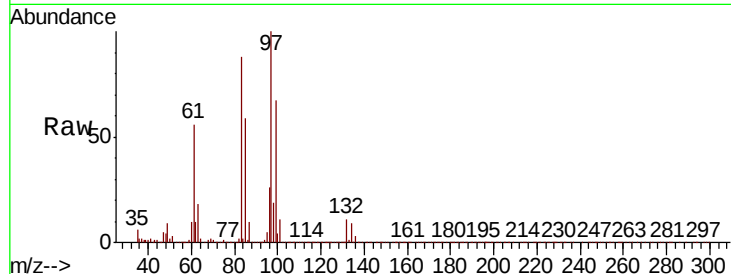
Ion Ratio Lower Upper

97 100

83 88.2 67.7 101.5

85 58.6 44.5 66.7

99 66.5 51.8 77.8

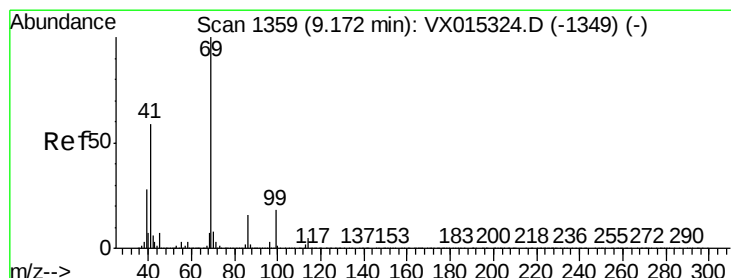
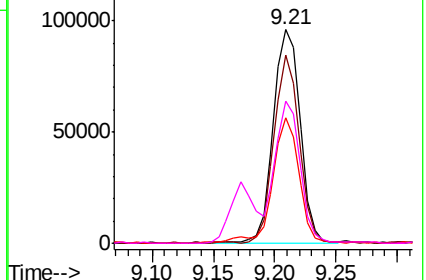
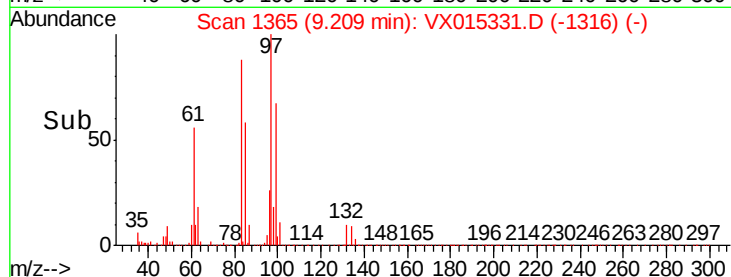


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.271 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

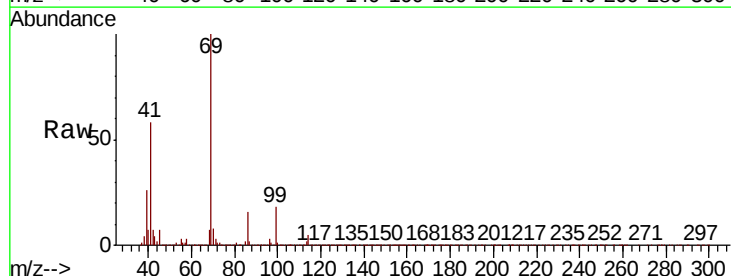
Tgt Ion: 69 Resp: 204086

Ion Ratio Lower Upper

69 100

41 58.6 47.5 71.3

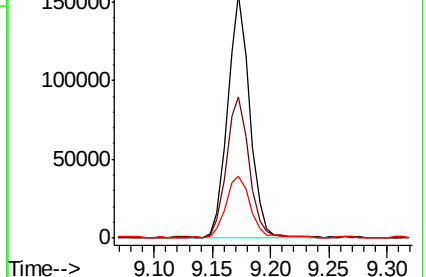
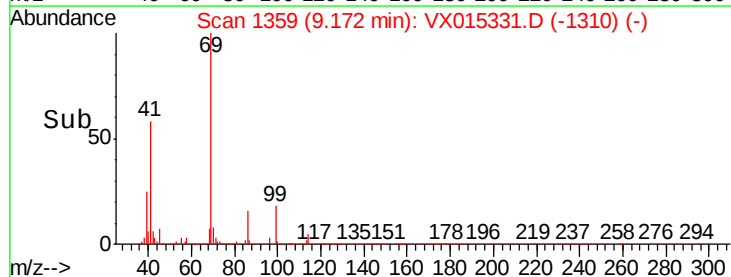
39 27.7 23.0 34.4

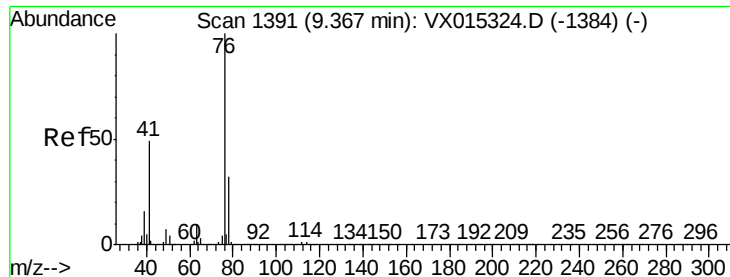


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.054 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

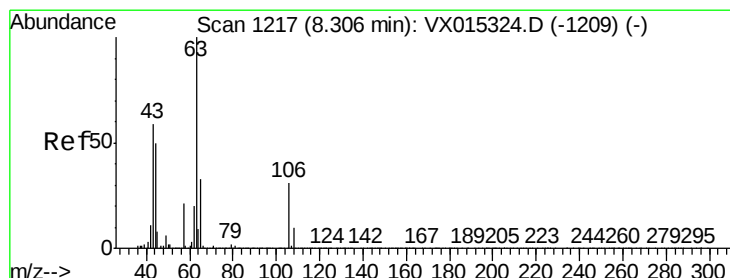
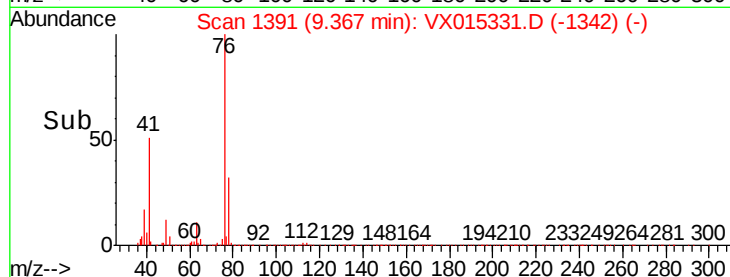
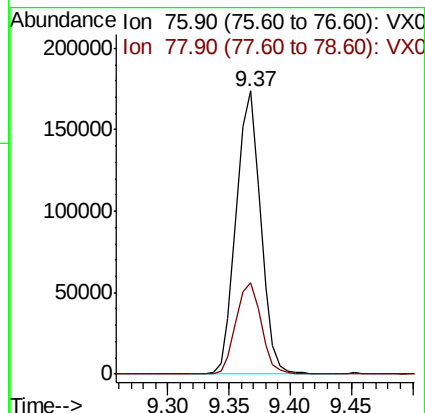
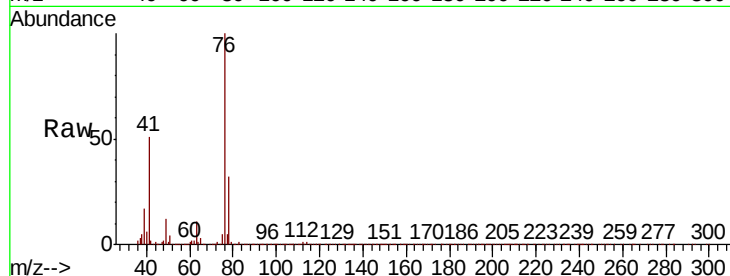
VX0318WBSD01

Tot Ion: 76 Resp: 240730

Ion Ratio Lower Upper

76 100

78 33.1 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 119.889 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015331.D

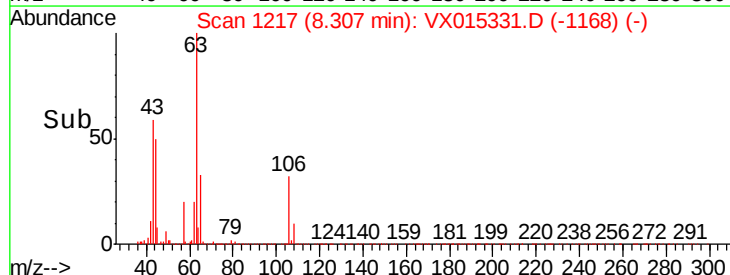
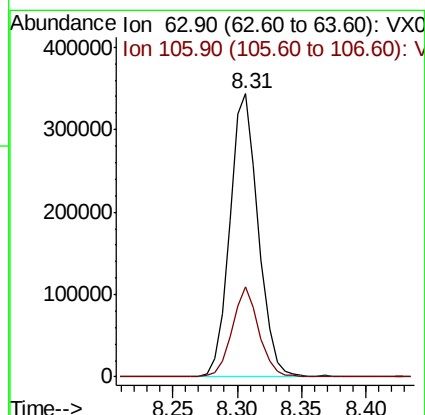
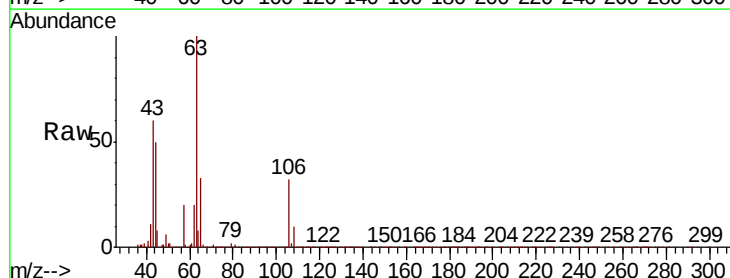
Acq: 18 Mar 2020 18:11

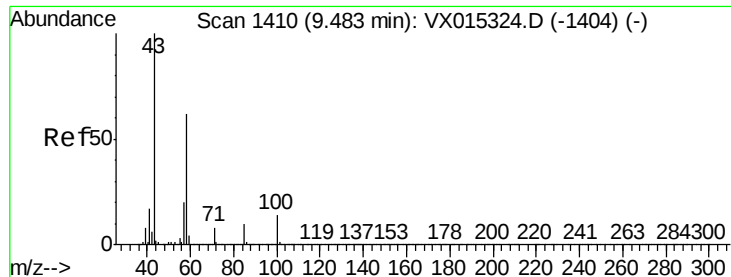
Tgt Ion: 63 Resp: 528612

Ion Ratio Lower Upper

63 100

106 29.9 24.3 36.5

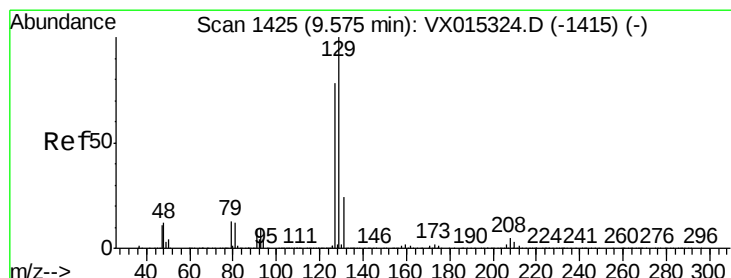
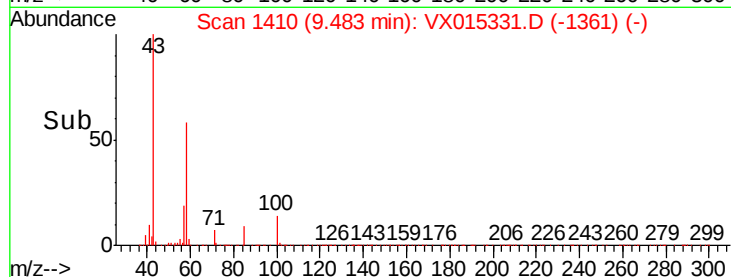
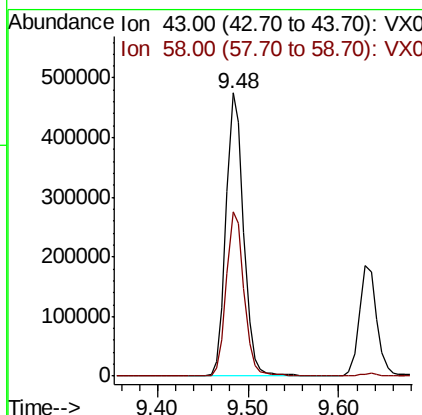
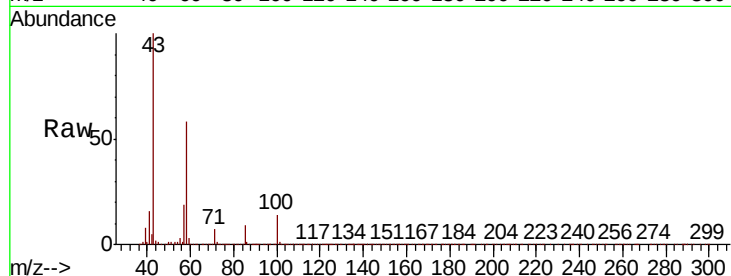




#59
2-Hexanone
Concen: 98.849 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

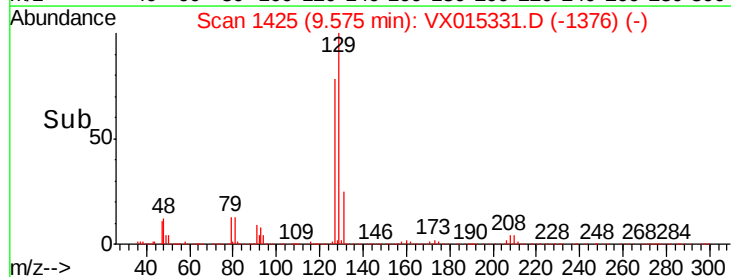
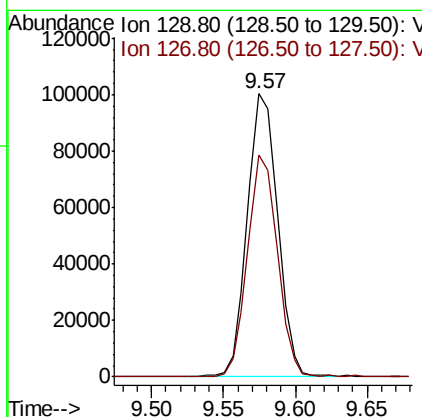
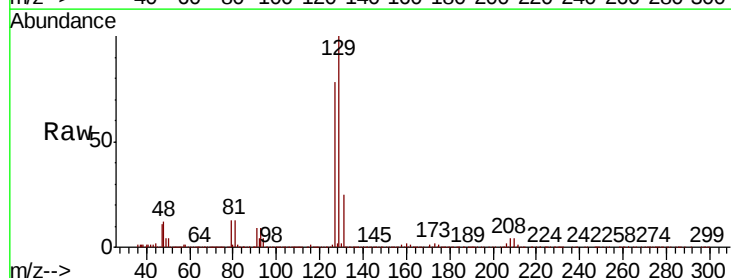
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

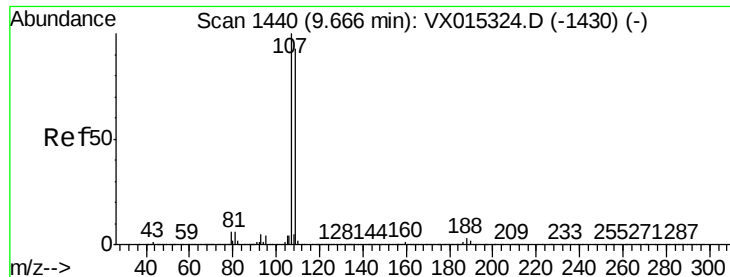
Tot Ion: 43 Resp: 641899
Ion Ratio Lower Upper
43 100
58 58.5 30.3 90.8



#60
Dibromochloromethane
Concen: 18.444 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion: 129 Resp: 146011
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.9

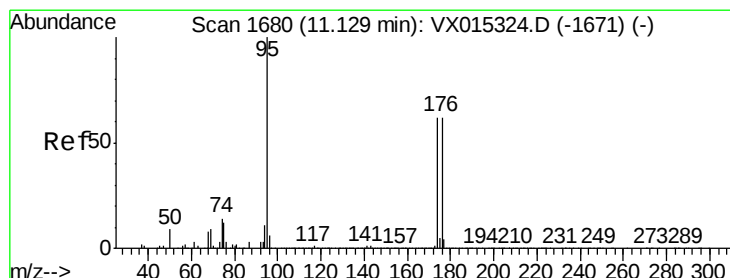
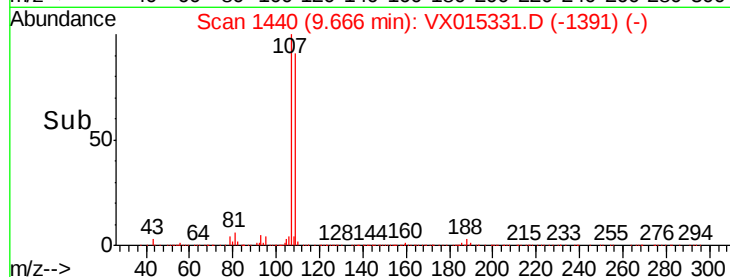
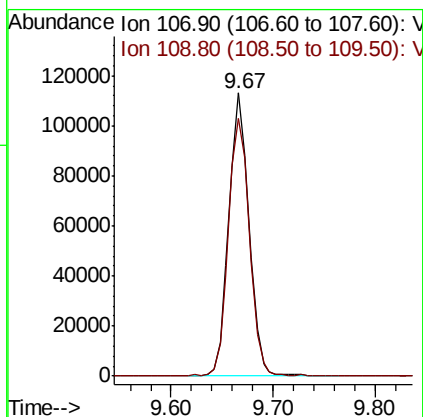
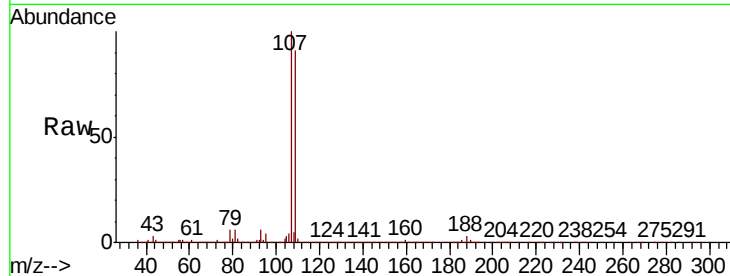




#61
 1,2-Dibromoethane
 Concen: 18.646 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

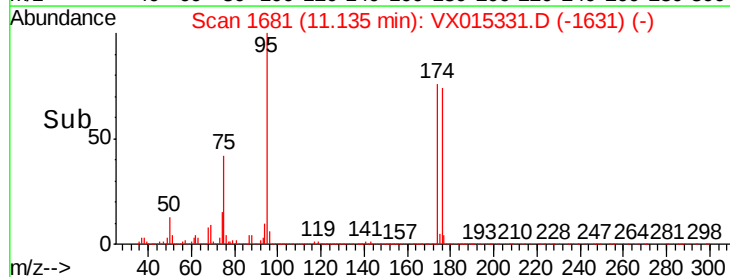
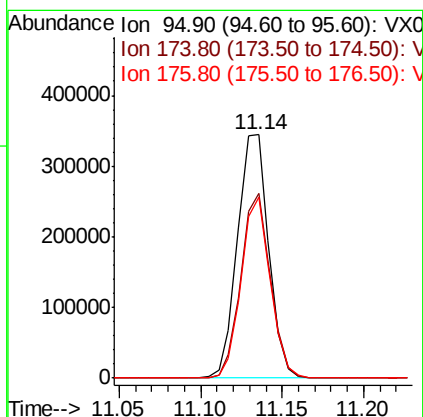
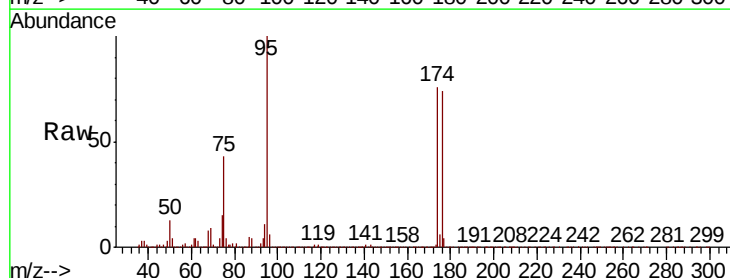
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

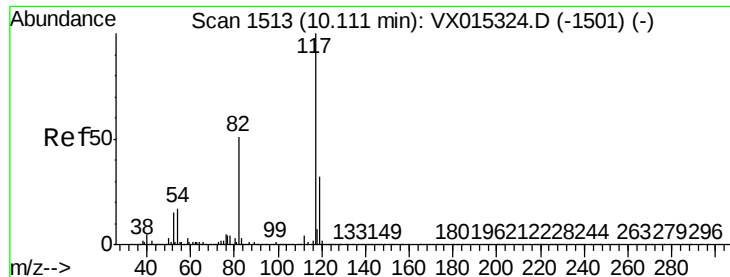
Tot Ion: 107 Resp: 154418
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 46.263 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion: 95 Resp: 458701
 Ion Ratio Lower Upper
 95 100
 174 71.9 0.0 145.6
 176 69.7 0.0 141.6

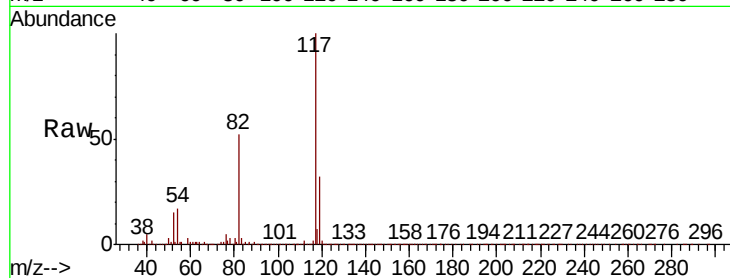




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	40.6	60.8
119	31.7	25.4	38.2

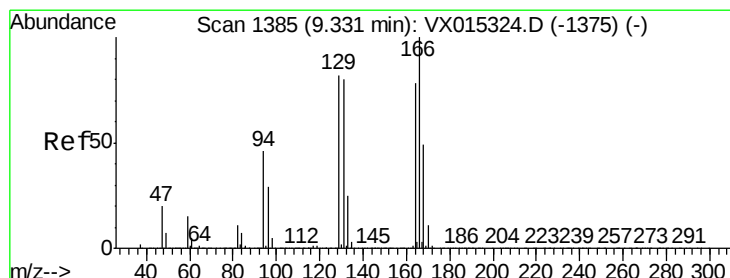
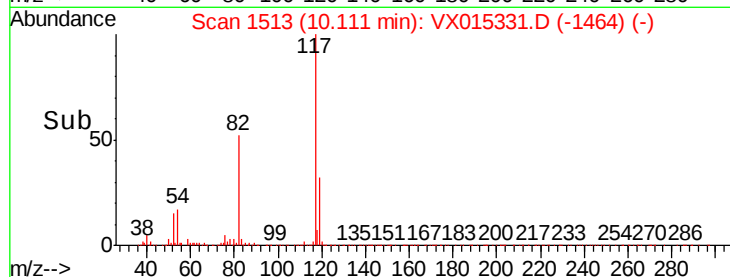
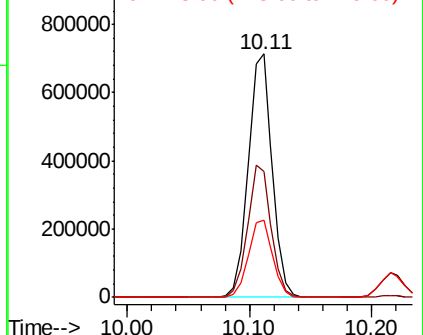


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.367 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	102.6	153.8
129	95.1	84.5	126.7
131	91.2	82.5	123.7

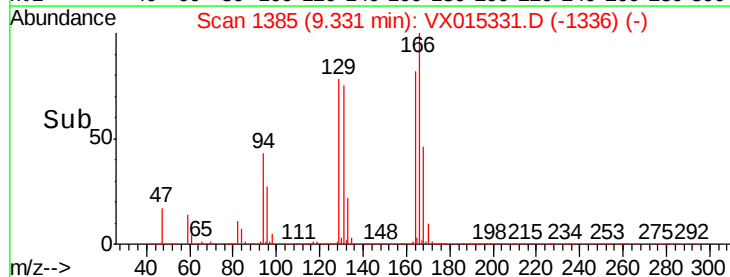
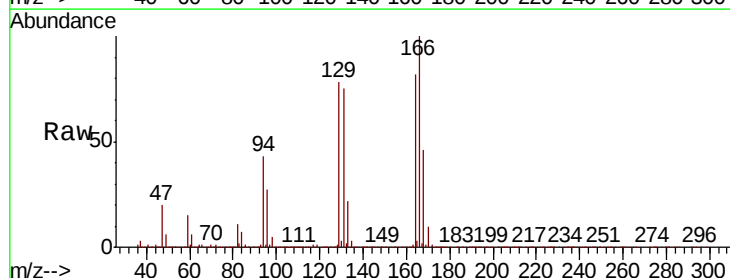
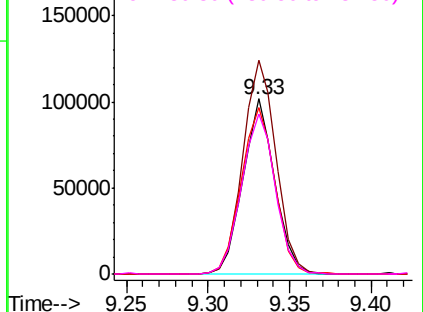
Abundance

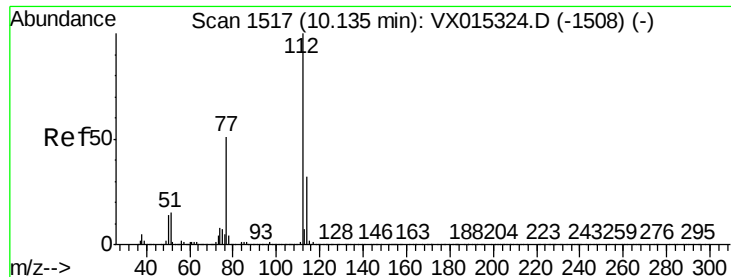
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.208 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

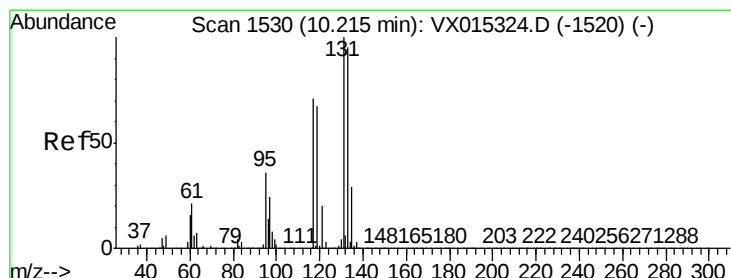
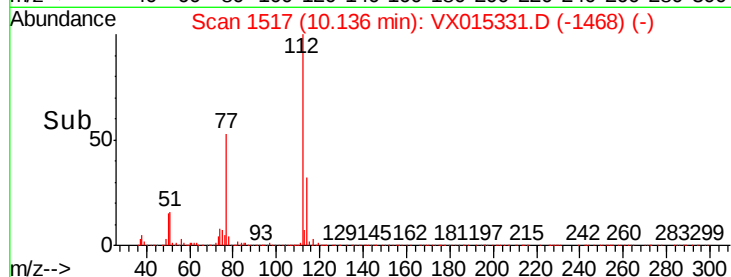
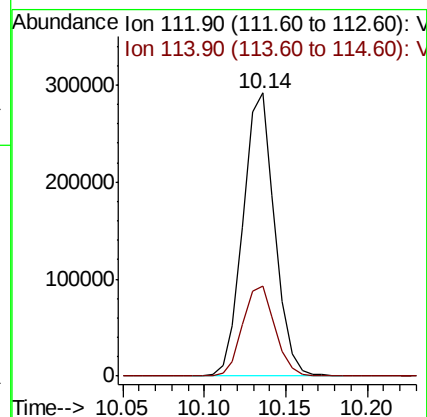
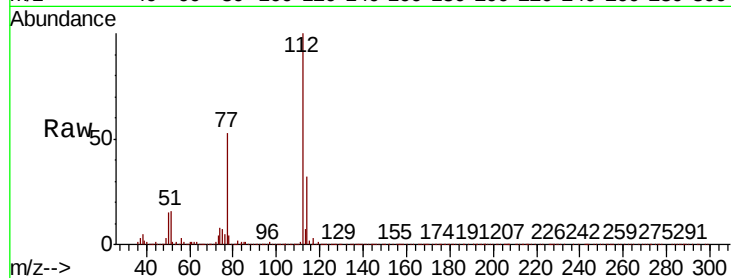
VX0318WBSD01

Tot Ion:112 Resp: 393371

Ion Ratio Lower Upper

112 100

114 31.7 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 18.328 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

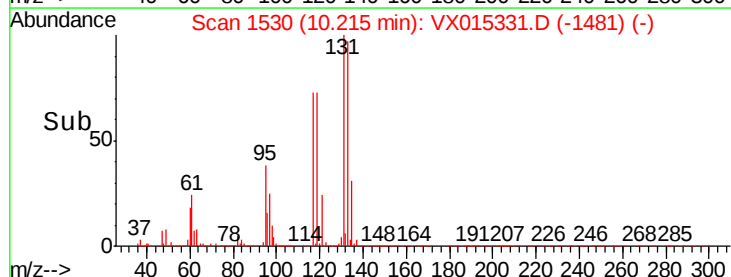
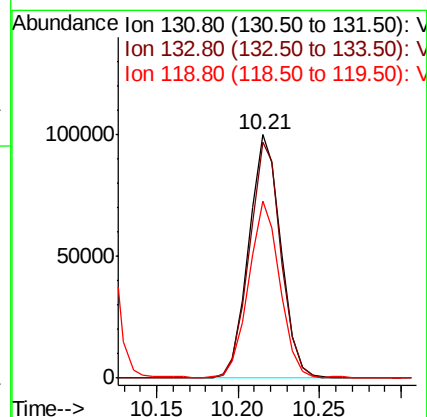
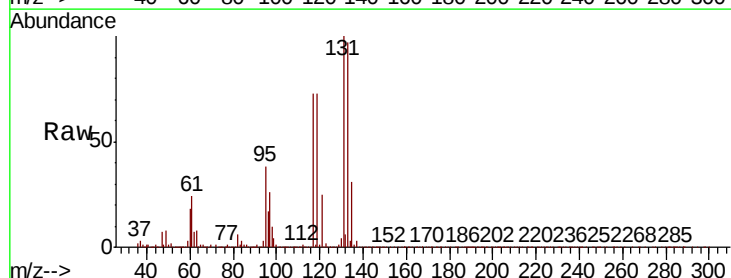
Tgt Ion:131 Resp: 135606

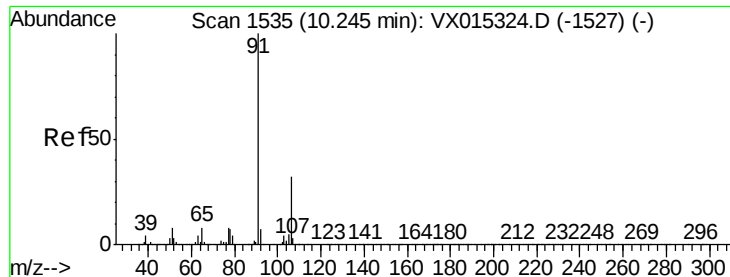
Ion Ratio Lower Upper

131 100

133 96.4 48.1 144.4

119 70.2 33.8 101.3





#67

Ethyl Benzene

Concen: 19.601 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

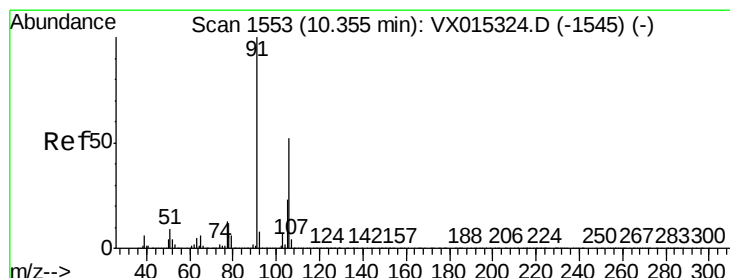
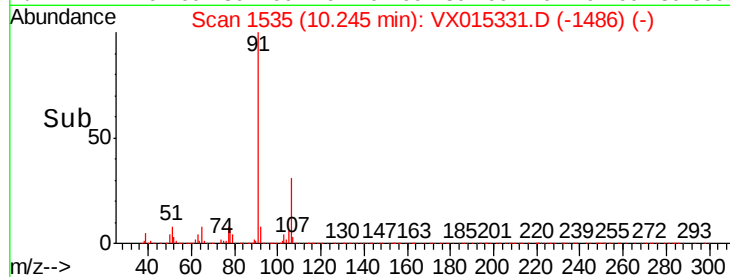
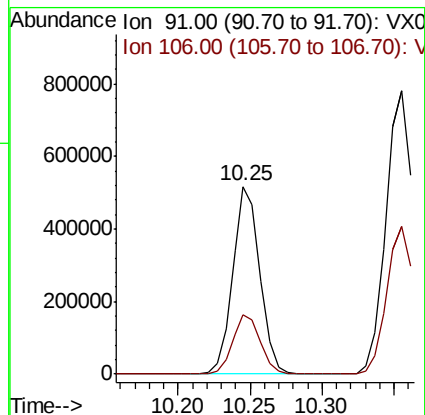
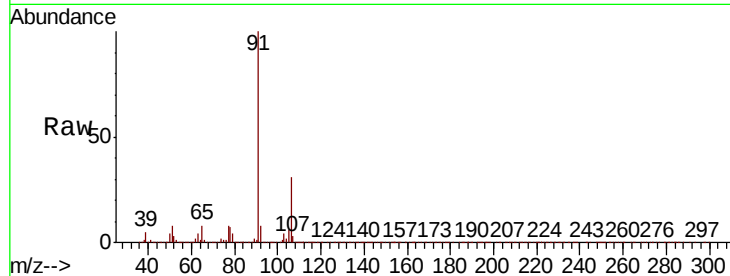
VX0318WBSD01

Tot Ion: 91 Resp: 683823

Ion Ratio Lower Upper

91 100

106 31.3 25.8 38.6



#68

m/p-Xylenes

Concen: 40.521 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015331.D

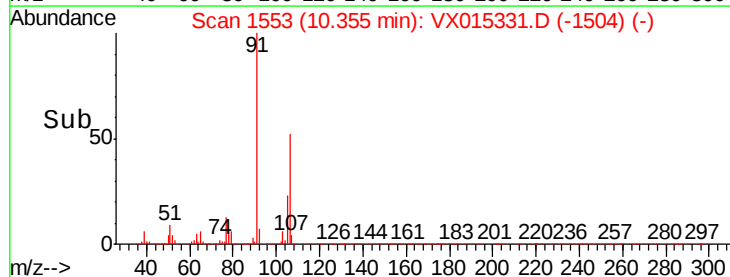
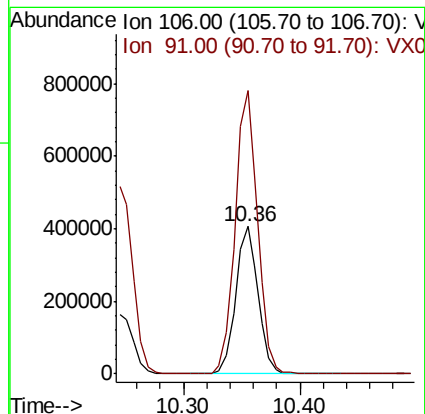
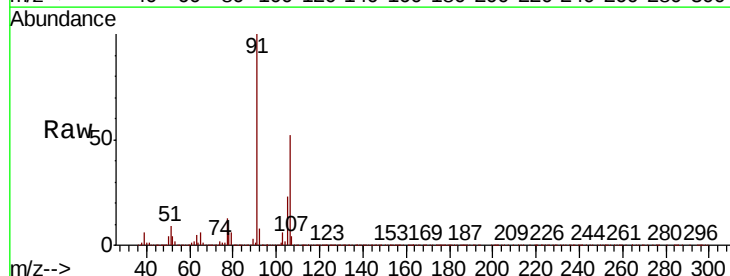
Acq: 18 Mar 2020 18:11

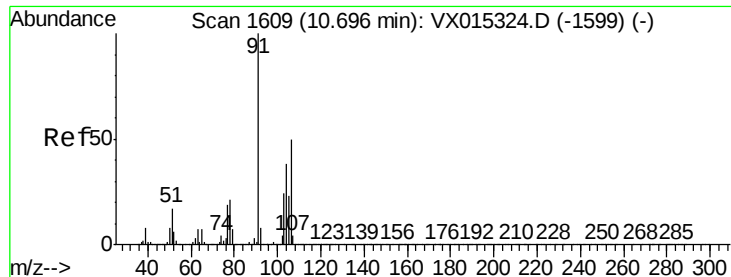
Tgt Ion: 106 Resp: 538972

Ion Ratio Lower Upper

106 100

91 193.7 155.1 232.7

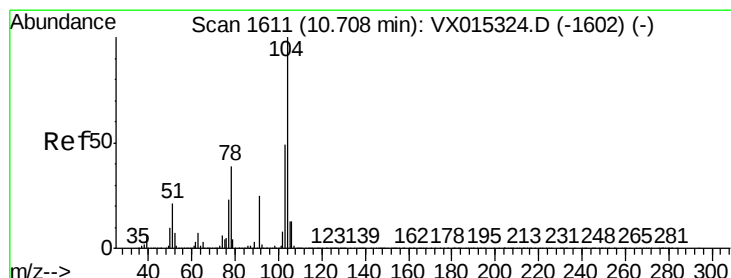
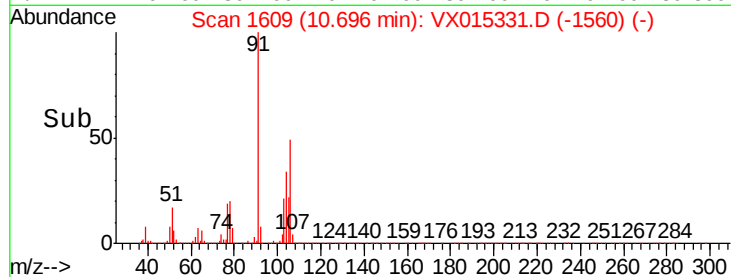
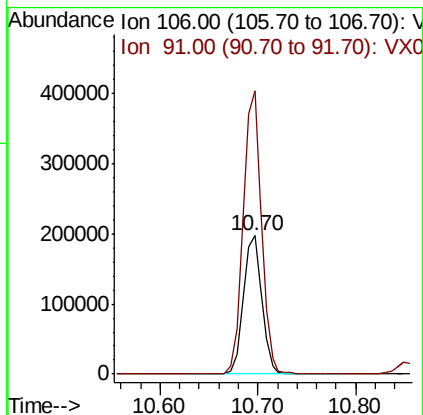
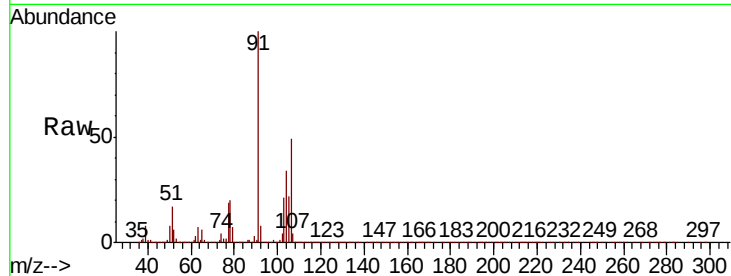




#69
o-Xylene
Concen: 20.127 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

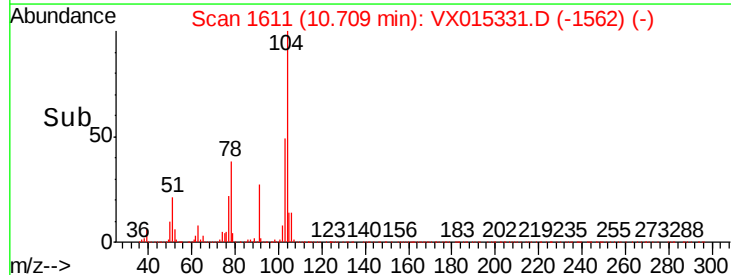
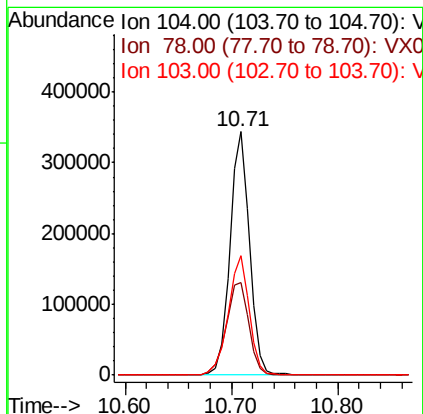
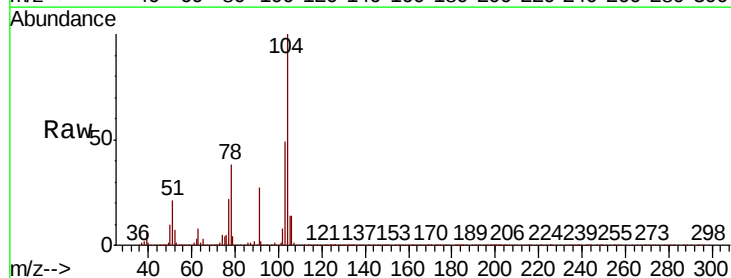
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

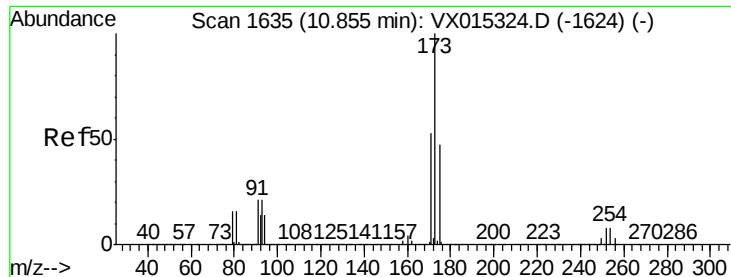
Tot Ion:106 Resp: 257451
Ion Ratio Lower Upper
106 100
91 202.9 102.3 306.9



#70
Styrene
Concen: 20.644 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion:104 Resp: 440180
Ion Ratio Lower Upper
104 100
78 44.3 36.0 54.0
103 52.9 43.4 65.0





#71

Bromoform

Concen: 19.002 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

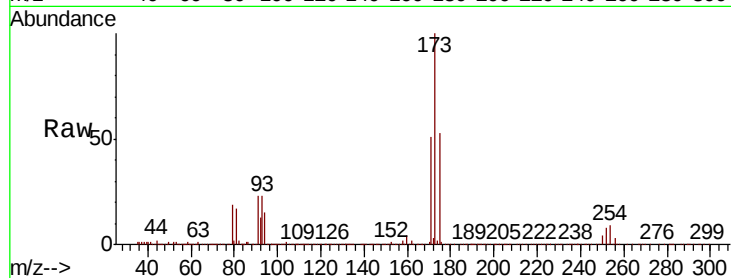
Tot Ion:173 Resp: 91898

Ion Ratio Lower Upper

173 100

175 50.8 23.4 70.2

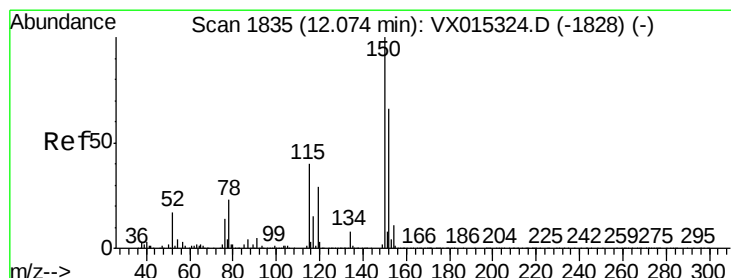
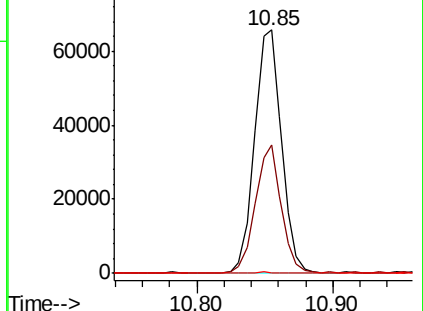
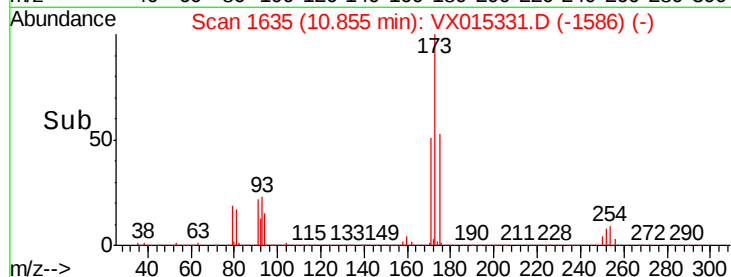
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

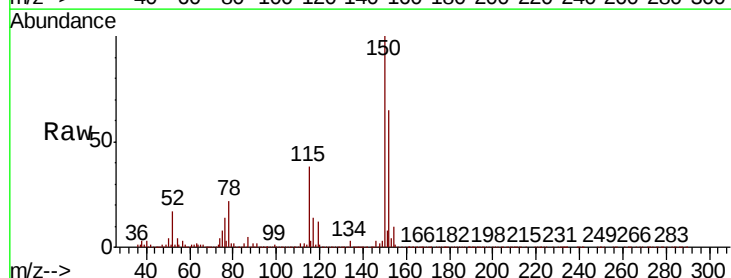
Tgt Ion:152 Resp: 465082

Ion Ratio Lower Upper

152 100

115 69.4 41.9 125.8

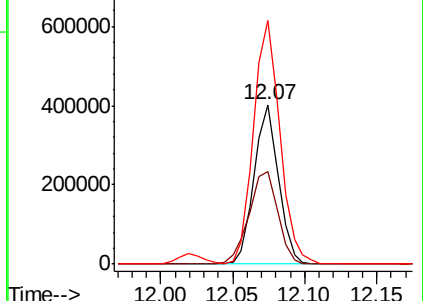
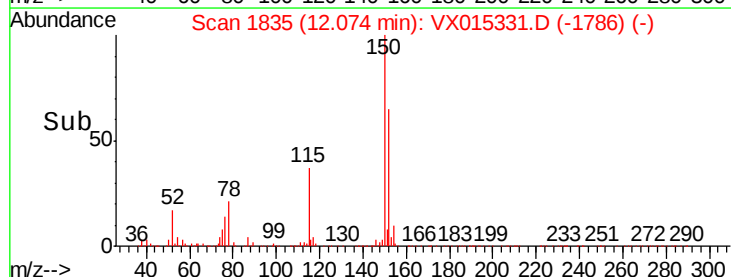
150 166.6 0.0 347.6

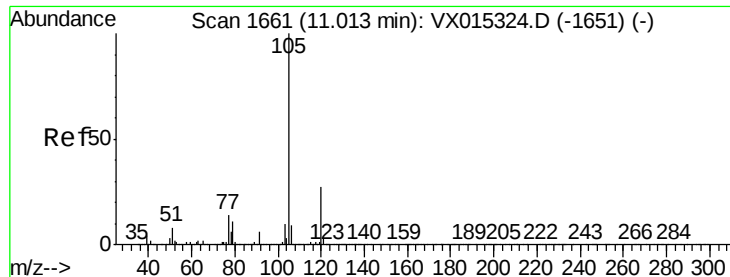


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.367 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

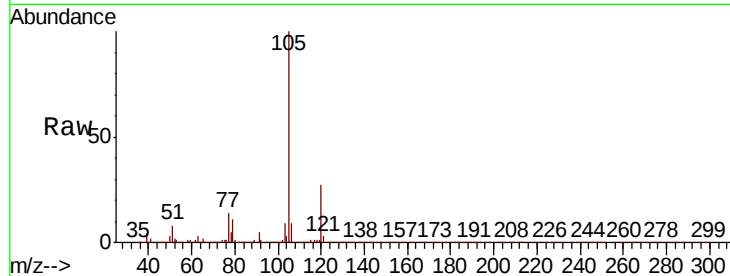
VX0318WBSD01

Tot Ion:105 Resp: 678156

Ion Ratio Lower Upper

105 100

120 27.2 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

600000

500000

400000

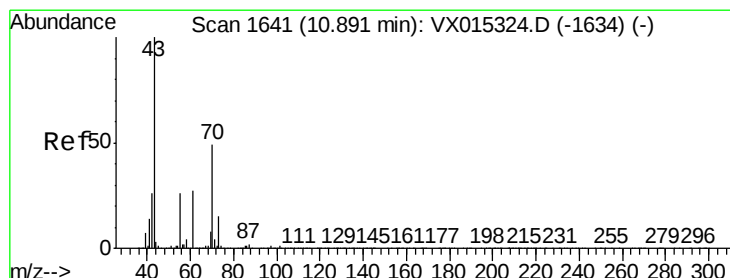
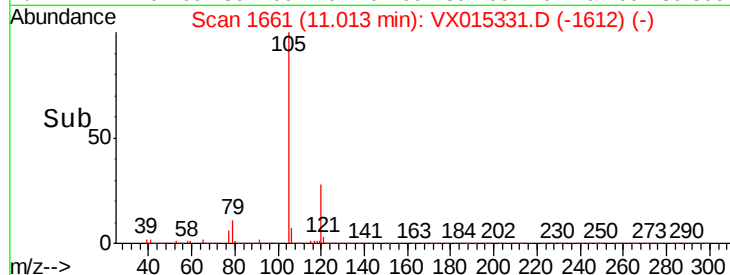
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 19.525 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Tgt Ion: 43 Resp: 233701

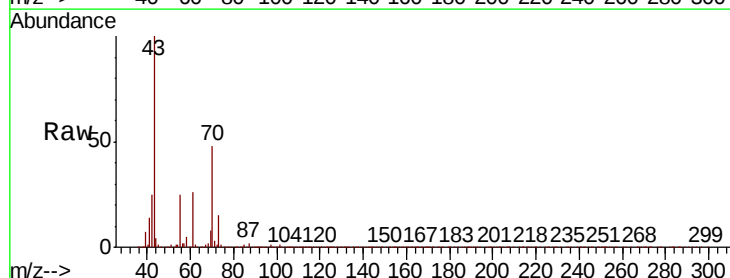
Ion Ratio Lower Upper

43 100

70 48.1 38.6 58.0

55 26.6 21.2 31.8

61 26.9 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

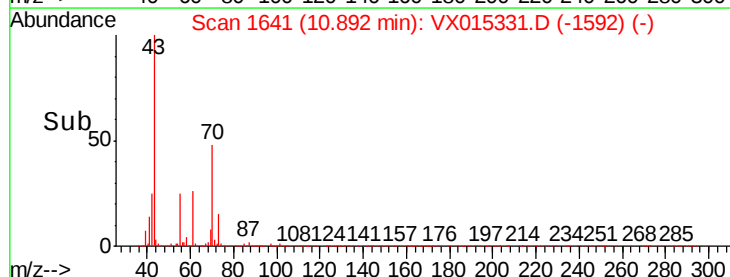
150000

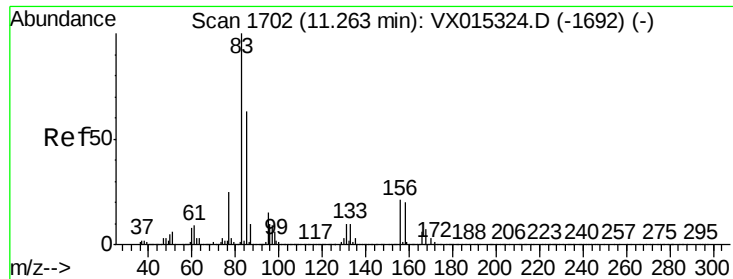
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.378 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

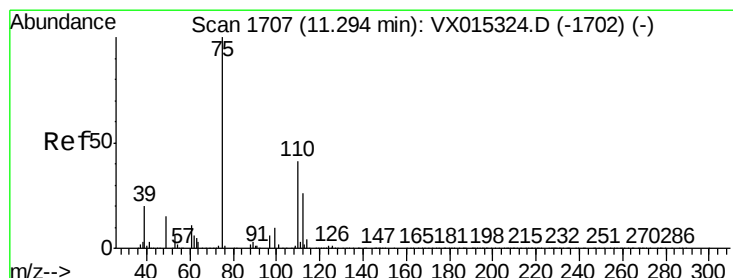
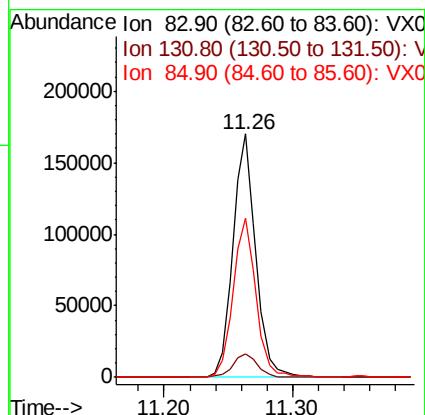
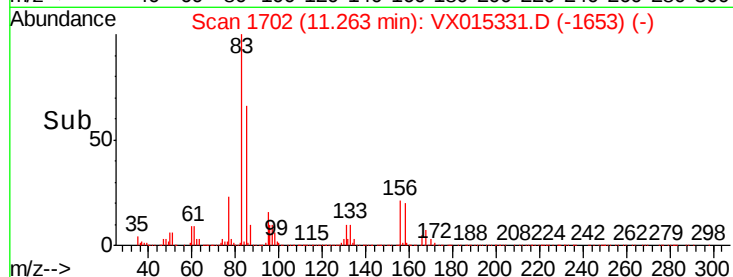
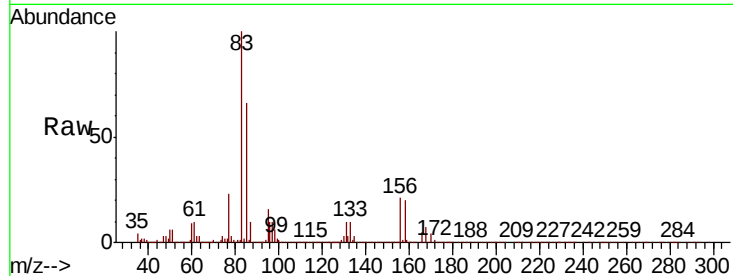
Tot Ion: 83 Resp: 210096

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.2

85 65.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 24.361 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX015331.D

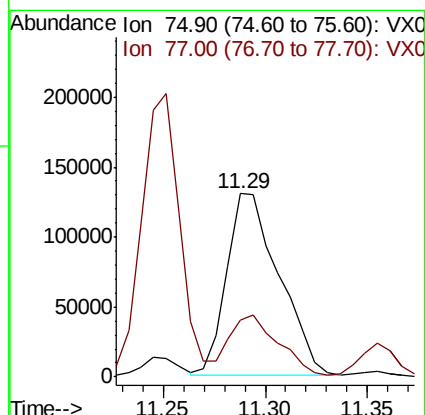
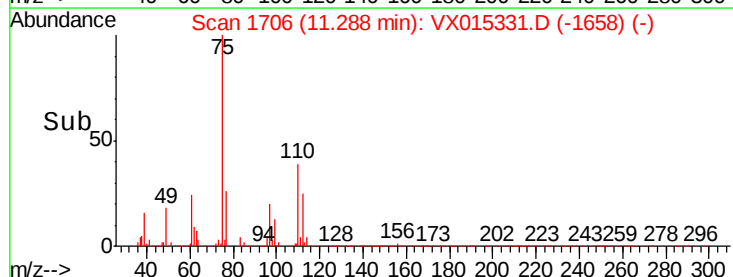
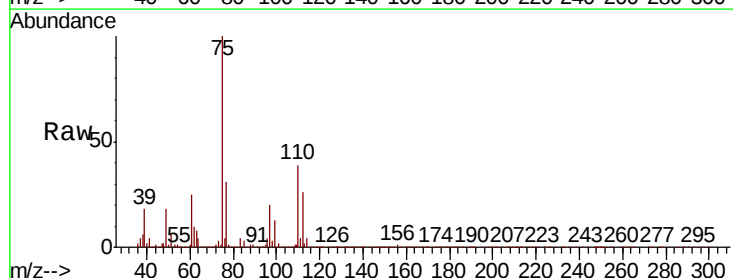
Acq: 18 Mar 2020 18:11

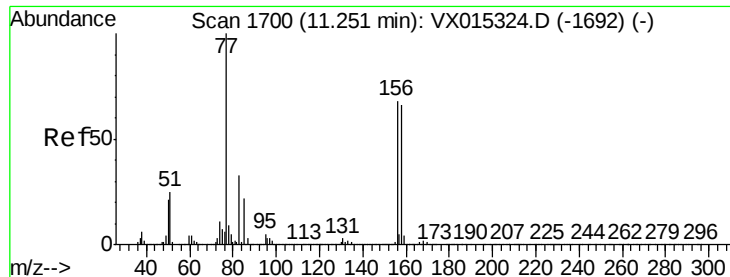
Tgt Ion: 75 Resp: 231524

Ion Ratio Lower Upper

75 100

77 31.4 21.2 63.6





#77

Bromobenzene

Concen: 19.946 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

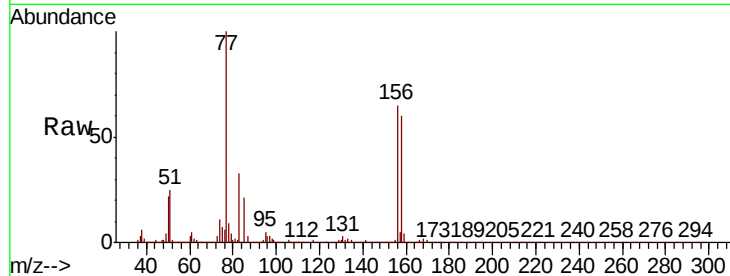
Tot Ion:156 Resp: 162243

Ion Ratio Lower Upper

156 100

77 160.0 81.4 244.2

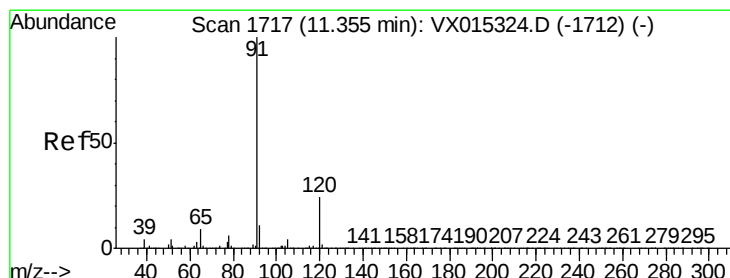
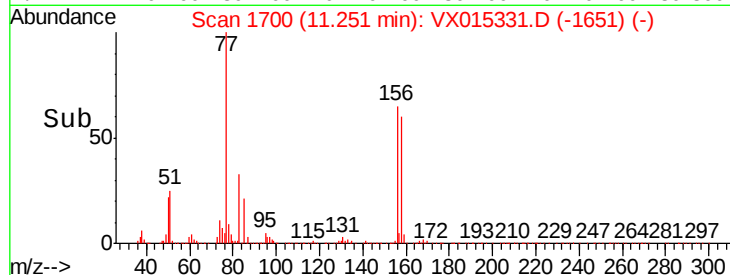
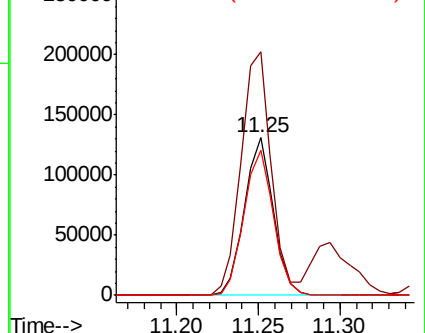
158 94.7 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.802 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015331.D

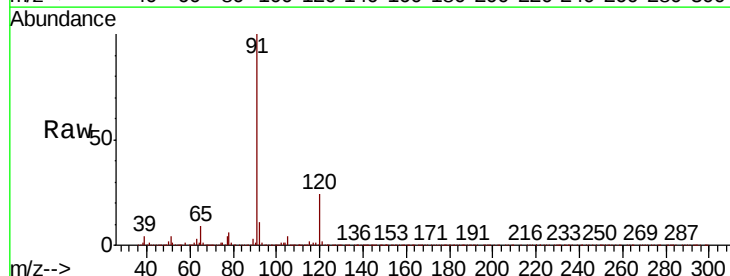
Acq: 18 Mar 2020 18:11

Tgt Ion: 91 Resp: 773225

Ion Ratio Lower Upper

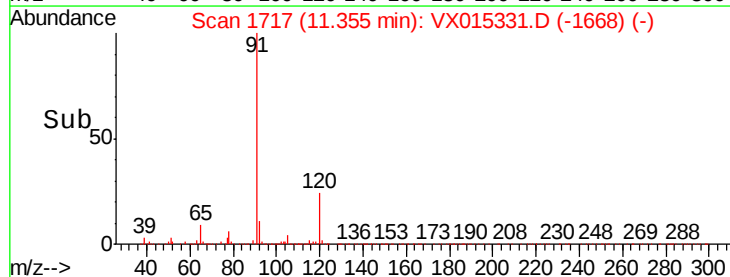
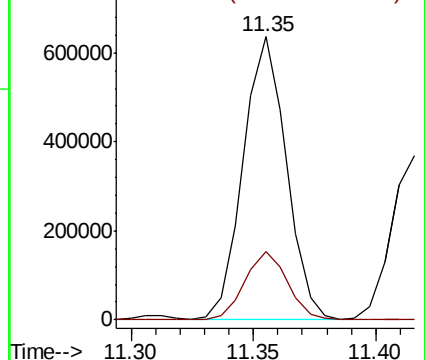
91 100

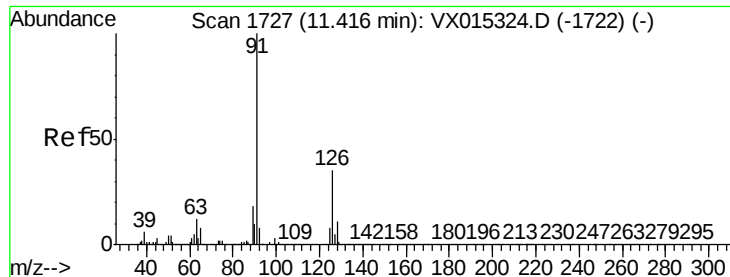
120 24.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

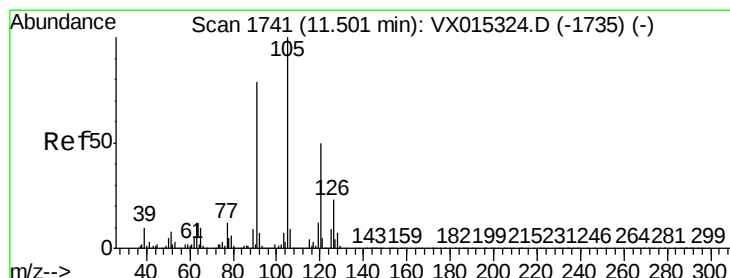
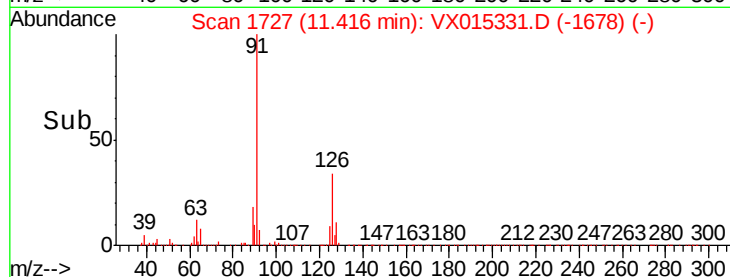
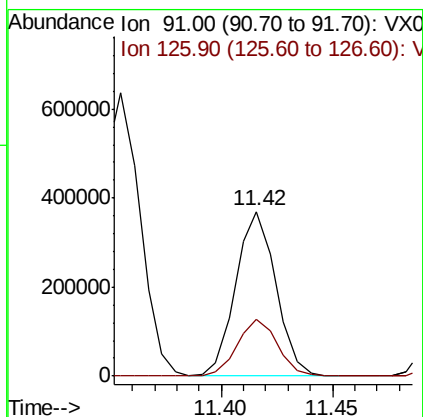
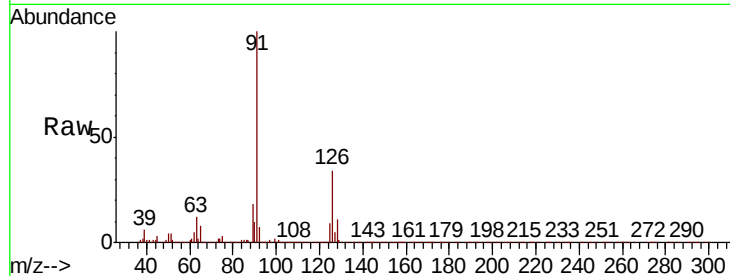




#79
 2-Chlorotoluene
 Concen: 19.746 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

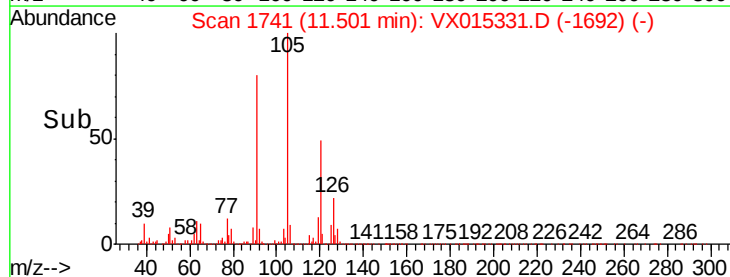
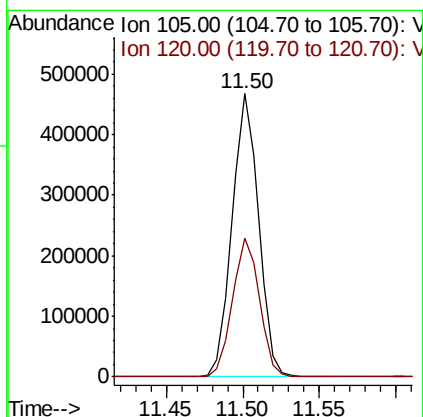
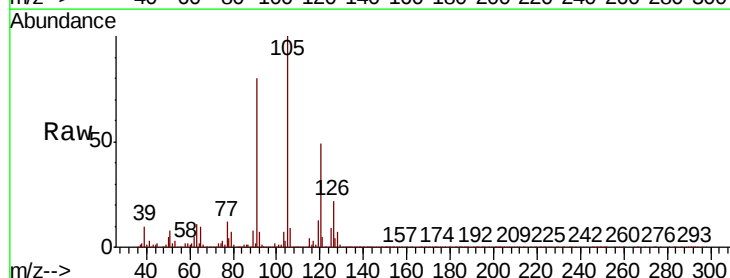
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

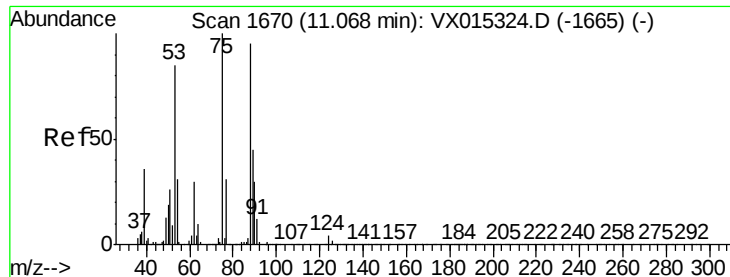
Tot Ion: 91 Resp: 462861
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 20.030 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion: 105 Resp: 559072
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.9 74.6

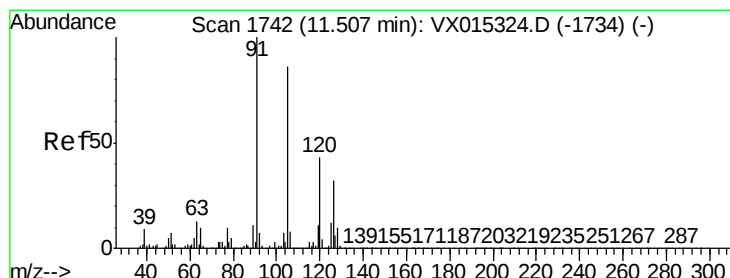
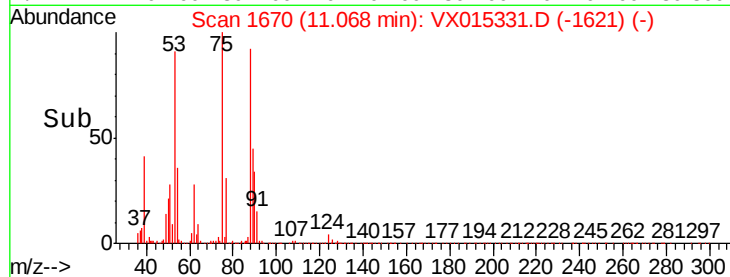
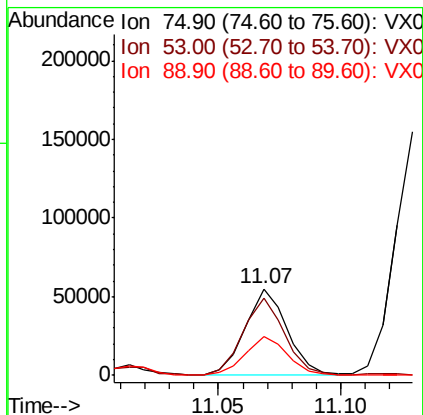
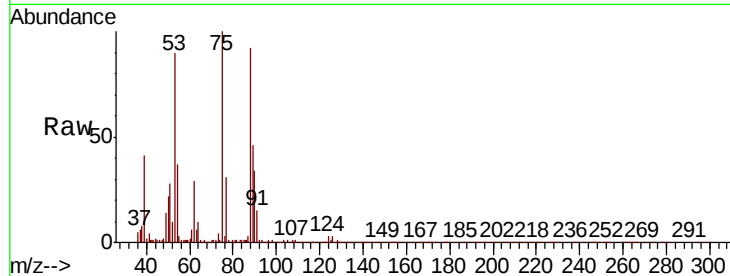




#81
trans-1,4-Dichloro-2-butene
Concen: 18.202 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

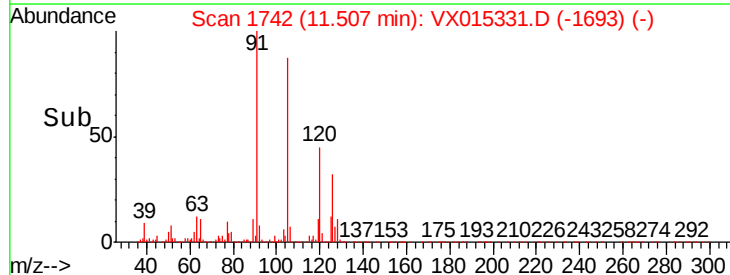
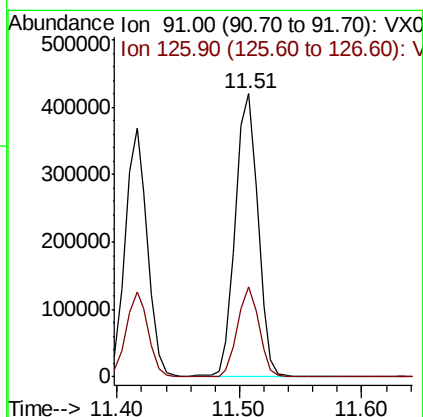
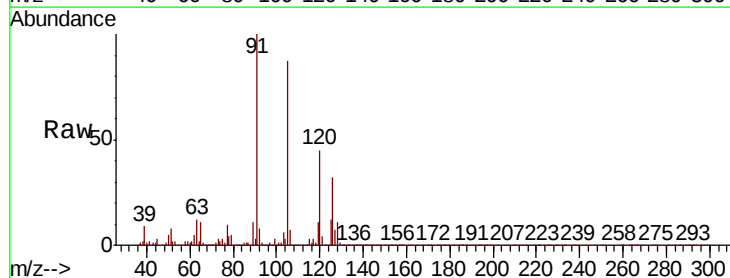
Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

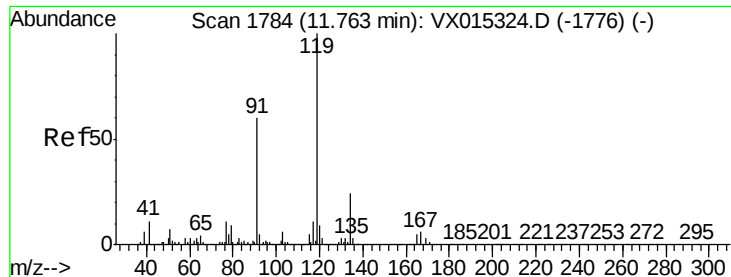
Tot Ion: 75 Resp: 64529
Ion Ratio Lower Upper
75 100
53 88.8 68.0 102.0
89 47.3 37.1 55.7



#82
4-Chlorotoluene
Concen: 20.011 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion: 91 Resp: 532990
Ion Ratio Lower Upper
91 100
126 30.5 15.4 46.2





#83

tert-Butylbenzene

Concen: 19.514 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleID :

VX0318WBSD01

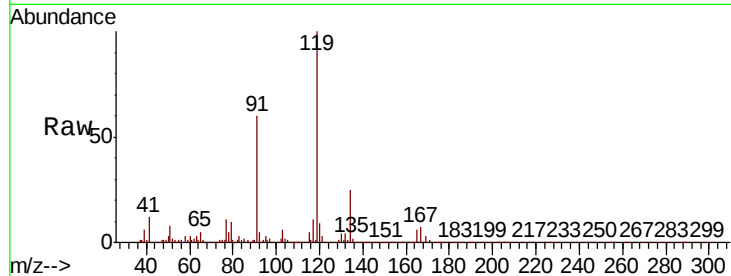
Tot Ion:119 Resp: 536311

Ion Ratio Lower Upper

119 100

91 55.7 28.1 84.4

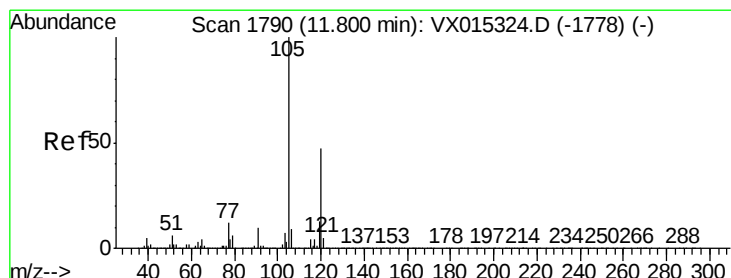
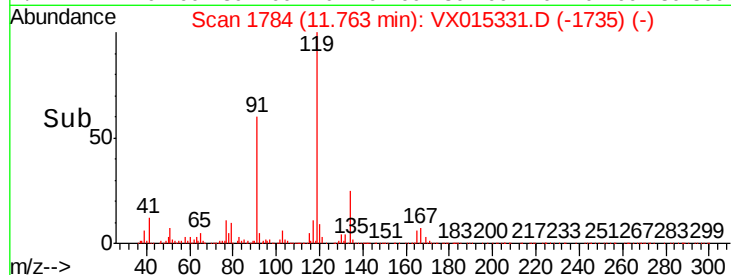
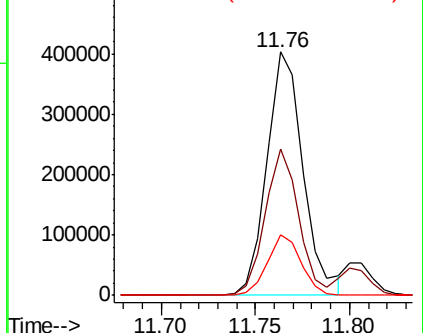
134 23.5 11.6 34.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.832 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX015331.D

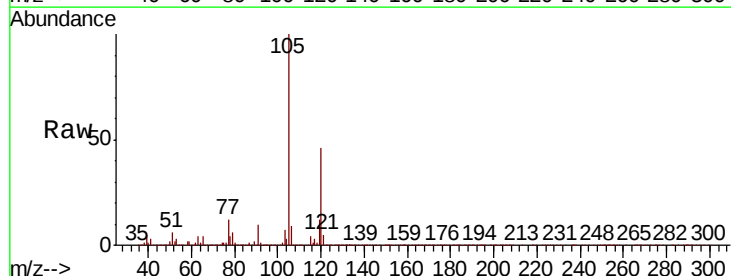
Acq: 18 Mar 2020 18:11

Tgt Ion:105 Resp: 573133

Ion Ratio Lower Upper

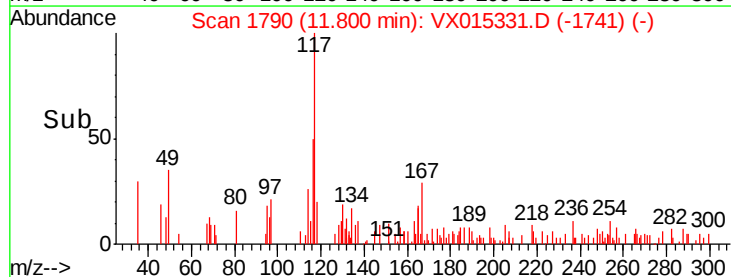
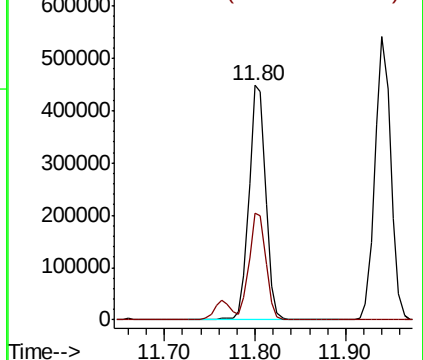
105 100

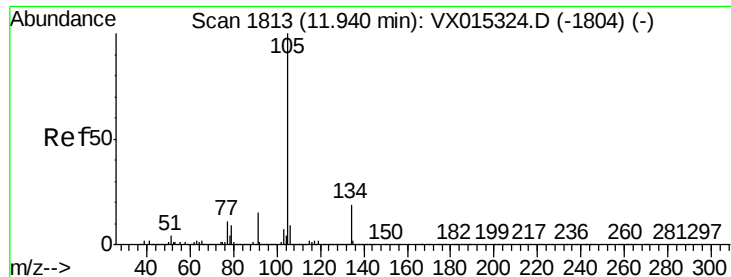
120 45.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.700 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

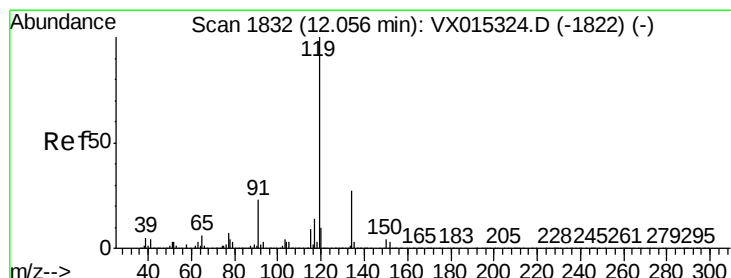
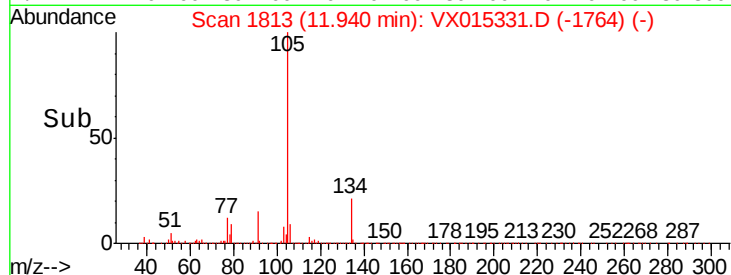
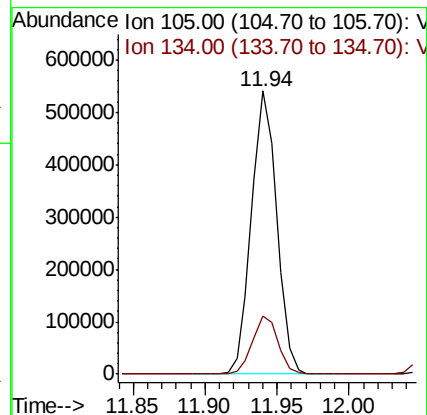
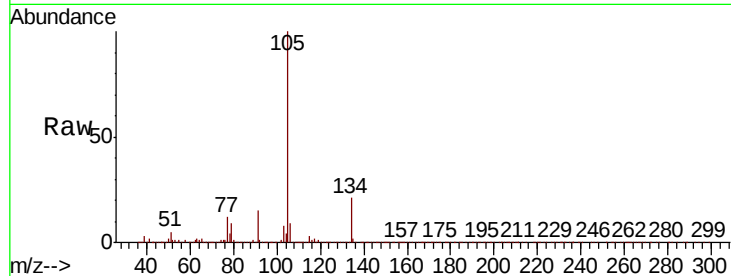
VX0318WBSD01

Tot Ion:105 Resp: 656333

Ion Ratio Lower Upper

105 100

134 20.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 19.992 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

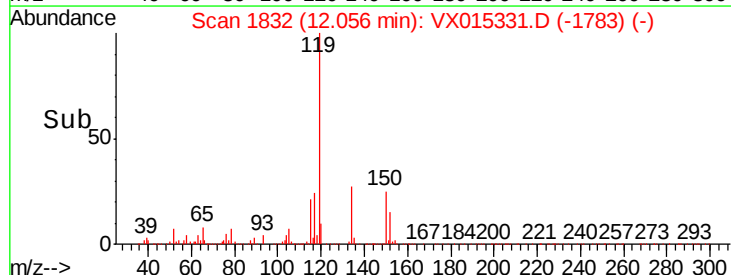
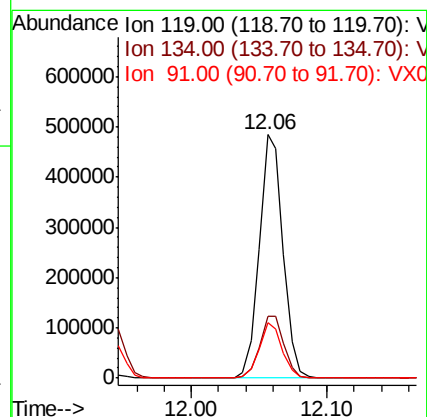
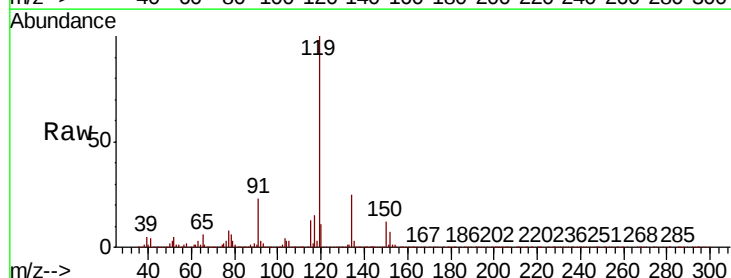
Tgt Ion:119 Resp: 592606

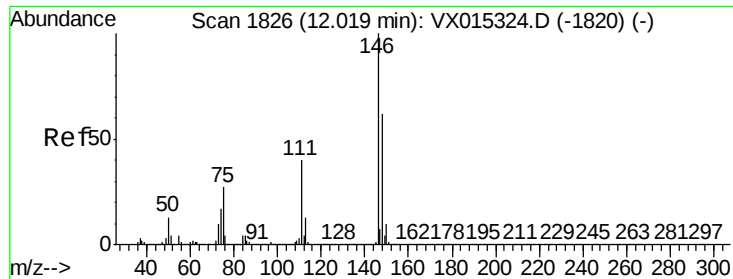
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.6

91 21.7 11.0 33.0

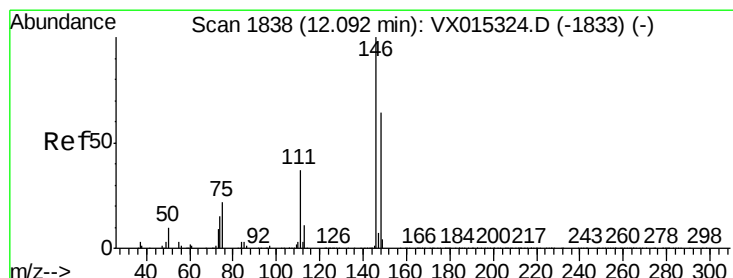
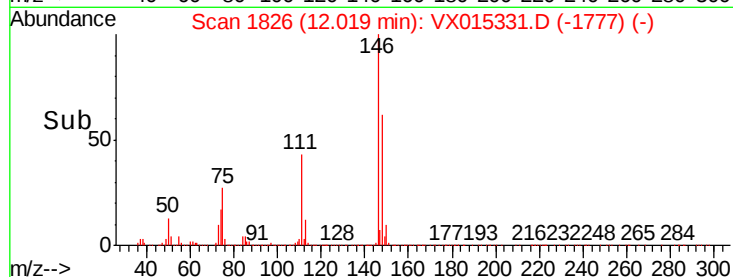
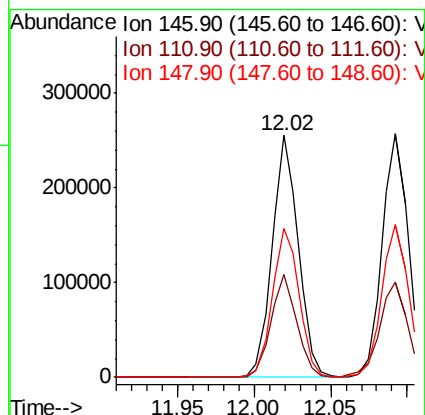
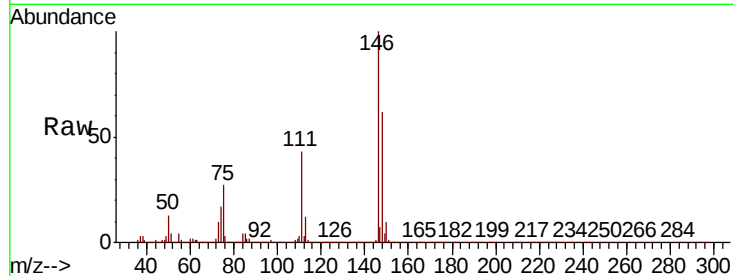




#87
 1,3-Dichlorobenzene
 Concen: 19.648 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

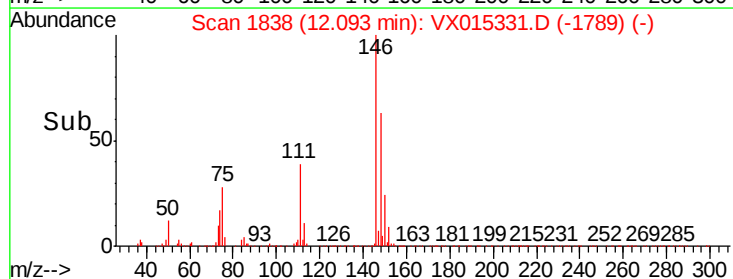
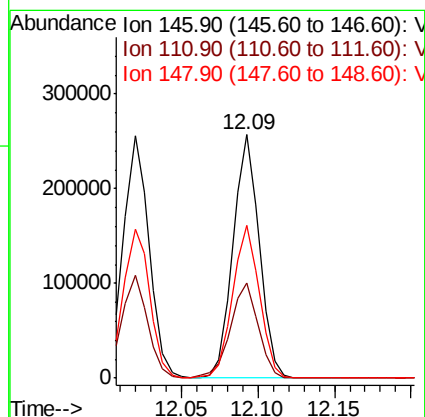
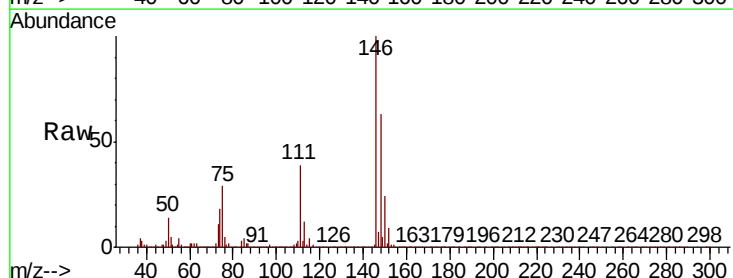
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

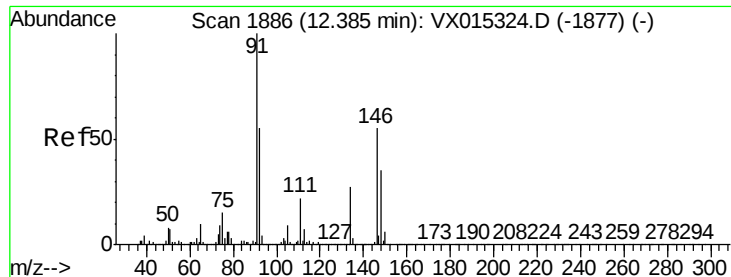
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.3	61.0
148	63.0	31.4	94.3



#88
 1,4-Dichlorobenzene
 Concen: 18.903 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.7	59.1
148	64.0	32.0	96.0

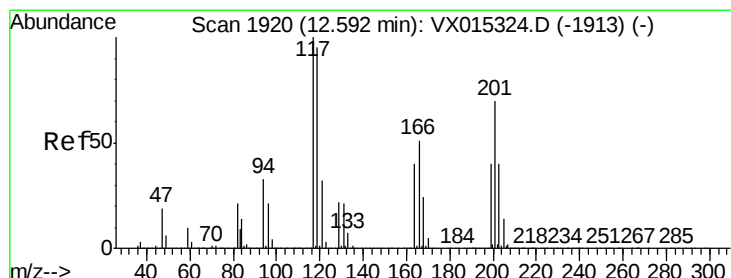
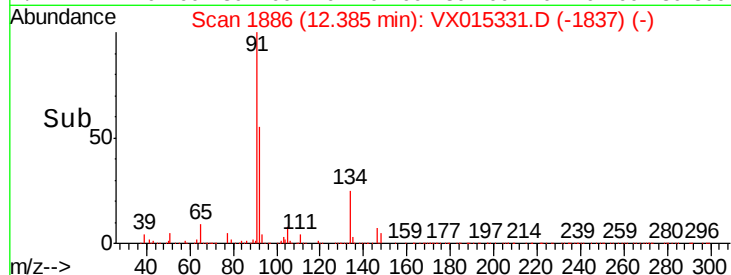
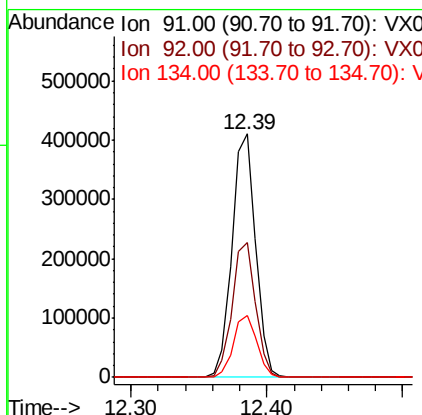
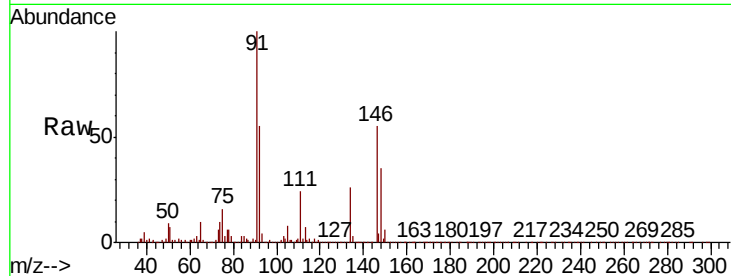




#89
n-Butylbenzene
Concen: 17.635 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

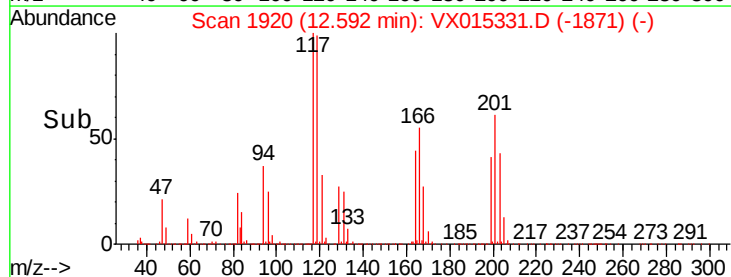
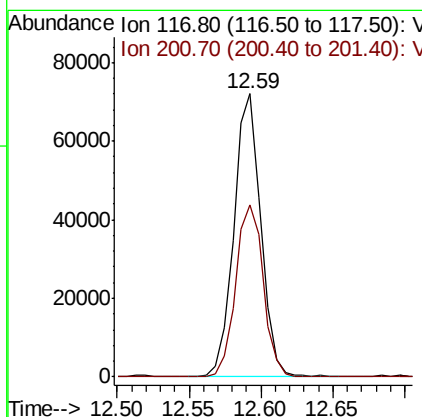
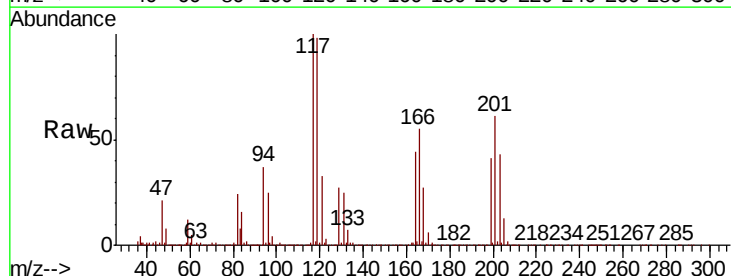
Instrument :
MSVOA_X
ClientSampled :
VX0318WBSD01

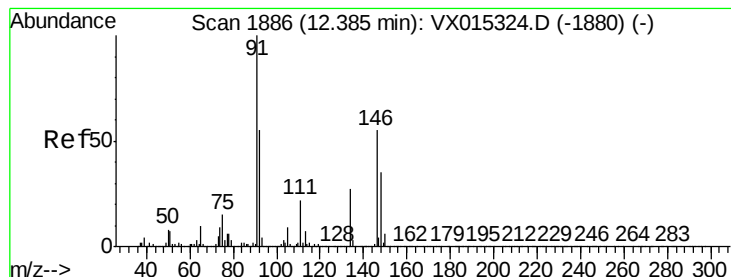
Tot Ion: 91 Resp: 493613
Ion Ratio Lower Upper
91 100
92 55.6 27.5 82.4
134 25.3 13.2 39.6



#90
Hexachloroethane
Concen: 16.408 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion: 117 Resp: 93836
Ion Ratio Lower Upper
117 100
201 62.1 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 17.186 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

Instrument :

MSVOA_X

ClientSampleId :

VX0318WBSD01

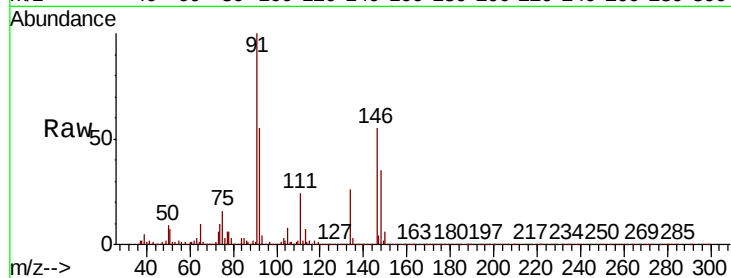
Tot Ion:146 Resp: 266571

Ion Ratio Lower Upper

146 100

111 44.1 20.6 61.8

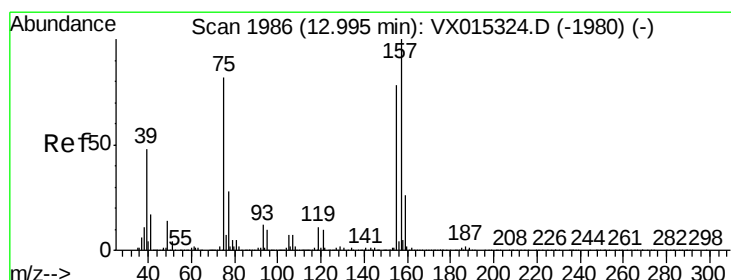
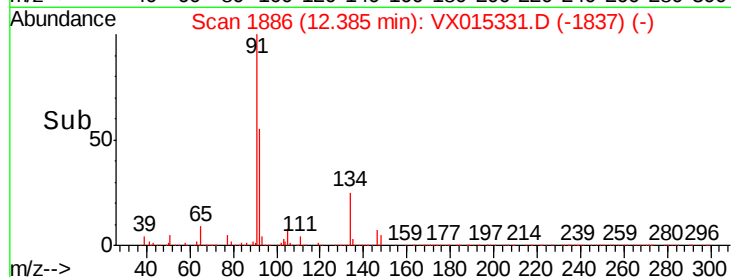
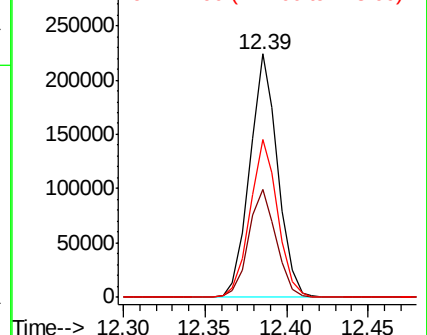
148 64.6 31.6 94.8



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: 18.346 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX015331.D

Acq: 18 Mar 2020 18:11

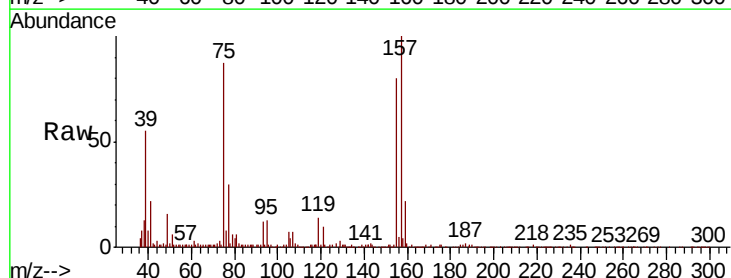
Tgt Ion: 75 Resp: 39126

Ion Ratio Lower Upper

75 100

155 93.2 48.9 146.7

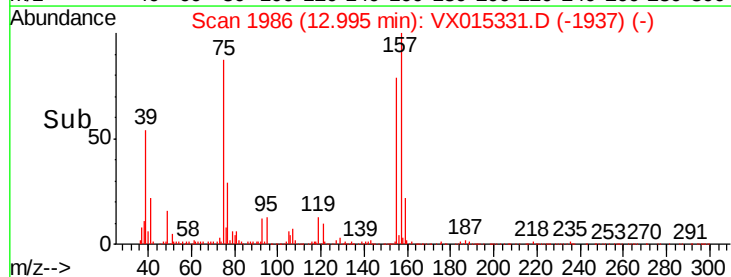
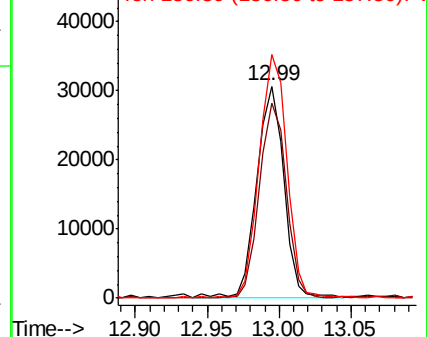
157 117.9 61.1 183.3

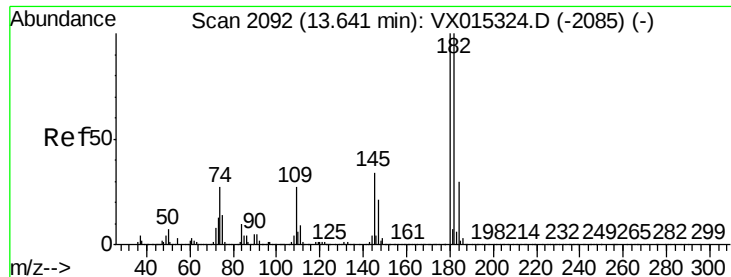


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

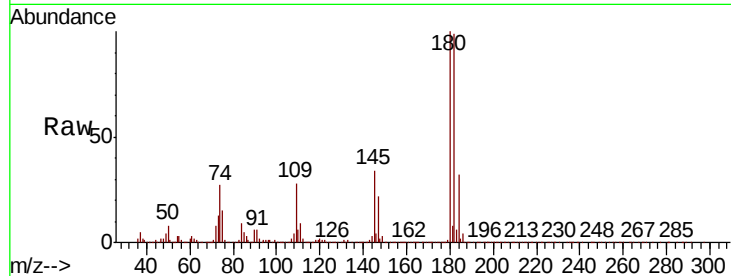




#93
 1,2,4-Trichlorobenzene
 Concen: 19.271 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0318WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.6	145.9
145	33.1	16.7	50.1

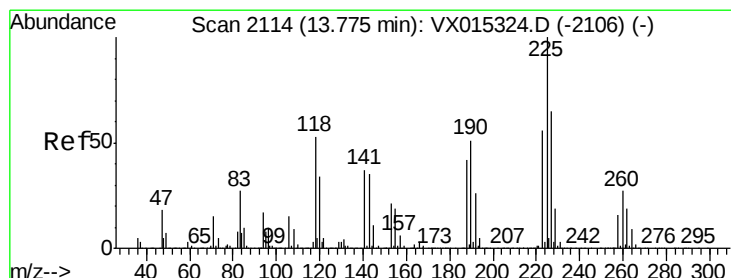
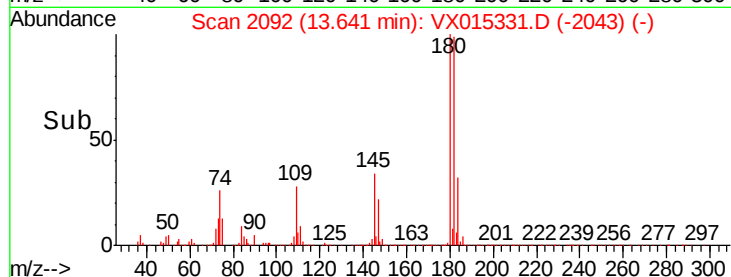
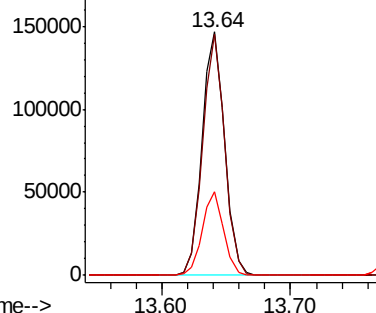


Abundance

Ion 179.80 (179.50 to 180.50): V

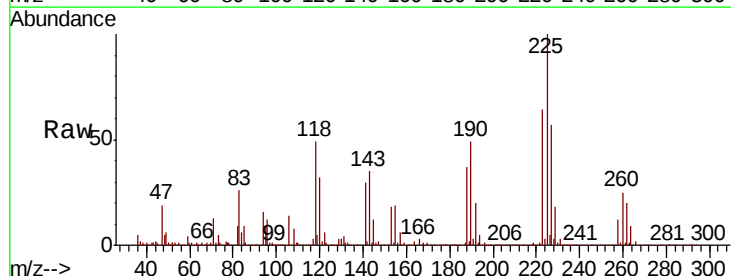
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.410 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015331.D
 Acq: 18 Mar 2020 18:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	30.6	91.6
227	61.2	32.3	96.8

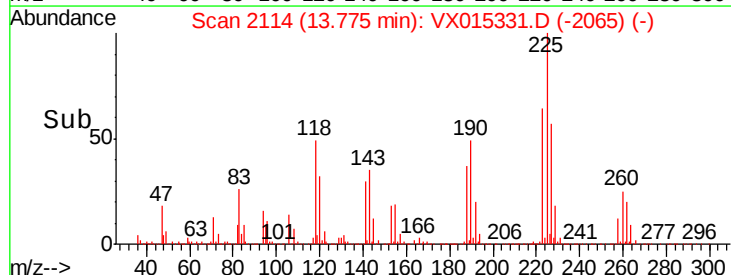
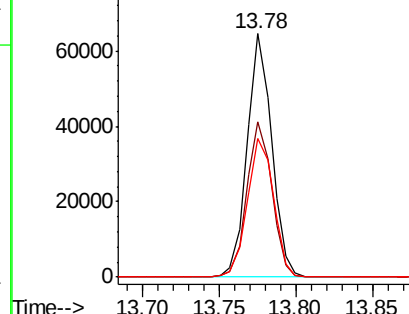


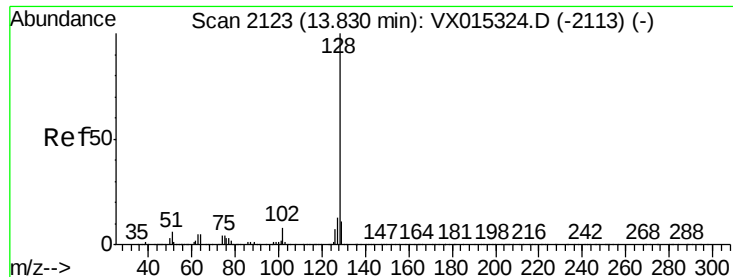
Abundance

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

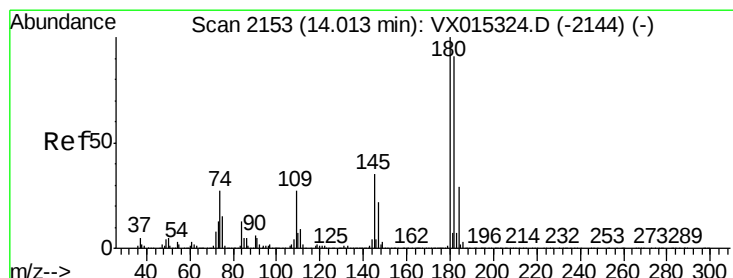
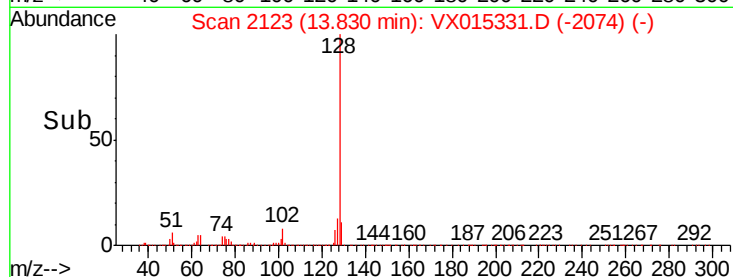
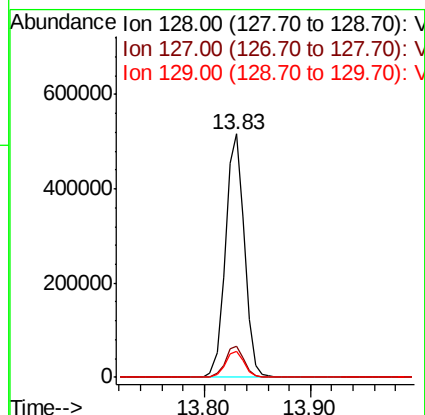
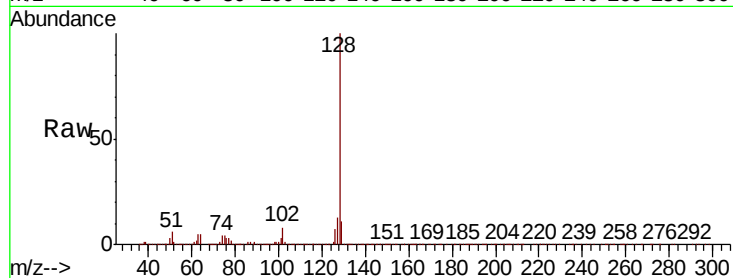




#95
Naphthalene
Concen: 20.818 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Tot Ion:128 Resp: 640354
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.406 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015331.D
Acq: 18 Mar 2020 18:11

Tgt Ion:180 Resp: 176511
Ion Ratio Lower Upper
180 100
182 95.8 47.0 141.0
145 34.4 17.6 52.8

