

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015401.D
 Acq On : 28 Mar 2020 00:08
 Operator : JC/SP
 Sample : VX0327WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD02

Quant Time: Mar 30 01:49:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1038392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1701059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1550897	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	797406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	724868	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
35) Dibromofluoromethane	5.47	113	524060	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	8.70	98	1953464	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.12	95	789933	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	198468	21.694	ug/l	99
3) Chloromethane	1.31	50	224475	19.268	ug/l	100
4) Vinyl Chloride	1.39	62	221284	20.685	ug/l	98
5) Bromomethane	1.63	94	134644	22.925	ug/l	99
6) Chloroethane	1.71	64	134592	20.286	ug/l	99
7) Trichlorofluoromethane	1.92	101	308435	21.499	ug/l	99
8) Diethyl Ether	2.17	74	118184	19.531	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	199817	21.365	ug/l	98
10) Methyl Iodide	2.49	142	191947	15.222	ug/l	99
11) Tert butyl alcohol	3.01	59	373371	106.511	ug/l	100
12) 1,1-Dichloroethene	2.36	96	208935	21.312	ug/l	95
13) Acrolein	2.27	56	174738	87.506	ug/l	99
14) Allyl chloride	2.71	41	472340	20.620	ug/l	99
15) Acrylonitrile	3.12	53	707183	105.784	ug/l	99
16) Acetone	2.42	43	668952	106.318	ug/l	100
17) Carbon Disulfide	2.55	76	633539	21.184	ug/l	99
18) Methyl Acetate	2.75	43	340433	21.199	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	787150	20.703	ug/l	100
20) Methylene Chloride	2.84	84	238488	20.292	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	232091	21.332	ug/l	99
22) Diisopropyl ether	3.83	45	884073	21.780	ug/l	99
23) Vinyl Acetate	3.79	43	3981922	108.349	ug/l	99
24) 1,1-Dichloroethane	3.67	63	442550	20.708	ug/l	99
25) 2-Butanone	4.64	43	1058183	104.575	ug/l	99
26) 2,2-Dichloropropane	4.56	77	320980	18.298	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	258133	20.507	ug/l	98
28) Bromochloromethane	4.98	49	203998	19.992	ug/l	97
29) Tetrahydrofuran	5.10	42	680676	104.637	ug/l	99
30) Chloroform	5.19	83	430612	20.943	ug/l	97
31) Cyclohexane	5.55	56	409071	22.065	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	388487	20.877	ug/l	97
36) 1,1-Dichloropropene	5.78	75	331429	21.146	ug/l	98
37) Ethyl Acetate	4.80	43	415172	20.344	ug/l	100
38) Carbon Tetrachloride	5.76	117	347657	20.479	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	372855	20.632	ug/l	94
40) Benzene	6.12	78	943571	20.552	ug/l	97
41) Methacrylonitrile	5.01	41	234167	20.670	ug/l	99
42) 1,2-Dichloroethane	6.17	62	384725	20.862	ug/l	99
43) Isopropyl Acetate	6.42	43	698705	20.281	ug/l	99
44) Trichloroethene	7.19	130	258543	20.648	ug/l	97
45) 1,2-Dichloropropane	7.50	63	252225	20.082	ug/l	96
46) Dibromomethane	7.64	93	163795	19.881	ug/l	98
47) Bromodichloromethane	7.88	83	352565	20.083	ug/l	99
48) Methyl methacrylate	7.75	41	350951	20.395	ug/l	99
49) 1,4-Dioxane	7.72	88	131671	410.179	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2062580	105.644	ug/l	99
52) Toluene	8.77	92	589828	20.838	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	393108	19.093	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	418511	19.954	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	236058	20.355	ug/l	98
56) Ethyl methacrylate	9.16	69	411962	20.157	ug/l	99
57) 1,3-Dichloropropane	9.36	76	418218	20.016	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	963015	96.871	ug/l	99
59) 2-Hexanone	9.48	43	1566123	106.249	ug/l	99
60) Dibromochloromethane	9.57	129	278493	19.985	ug/l	99
61) 1,2-Dibromoethane	9.65	107	253877	20.133	ug/l	99
64) Tetrachloroethene	9.32	164	233001	19.907	ug/l	97
65) Chlorobenzene	10.12	112	628767	20.329	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	248052	20.075	ug/l	98
67) Ethyl Benzene	10.24	91	1140492	20.791	ug/l	99
68) m/p-Xylenes	10.34	106	857370	41.973	ug/l	100
69) o-Xylene	10.68	106	417879	20.702	ug/l	99
70) Styrene	10.70	104	719590	20.259	ug/l	99
71) Bromoform	10.84	173	219875	19.547	ug/l #	99
73) Isopropylbenzene	11.00	105	1107724	21.201	ug/l	100
74) N-amyl acetate	10.89	43	587759	20.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	370126	20.645	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	437099	26.656	ug/l	84
77) Bromobenzene	11.24	156	287484	20.628	ug/l	99
78) n-propylbenzene	11.35	91	1279008	21.408	ug/l	98
79) 2-Chlorotoluene	11.40	91	763885	20.861	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	947139	21.226	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	130688	19.123	ug/l	99
82) 4-Chlorotoluene	11.50	91	902889	21.033	ug/l	100
83) tert-Butylbenzene	11.76	119	927842	21.288	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	952225	20.941	ug/l	98
85) sec-Butylbenzene	11.93	105	1068719	21.201	ug/l	99
86) p-Isopropyltoluene	12.05	119	989745	21.150	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	498022	19.962	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	514773	20.256	ug/l	97
89) n-Butylbenzene	12.37	91	889713	21.039	ug/l	100
90) Hexachloroethane	12.58	117	186842	20.513	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	500647	20.505	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96119	18.995	ug/l	97

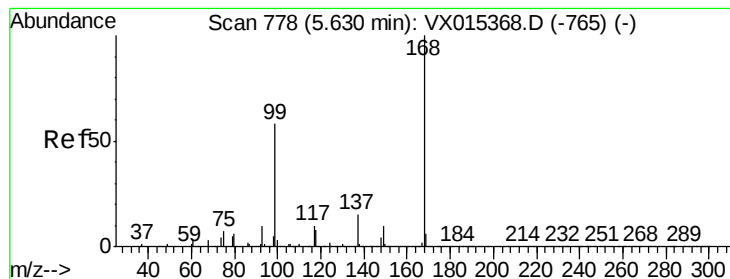
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032720\
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QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	371866	19.255	ug/l	98
94) Hexachlorobutadiene	13.77	225	184675	20.084	ug/l	95
95) Naphthalene	13.82	128	1213778	20.604	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	389576	20.951	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

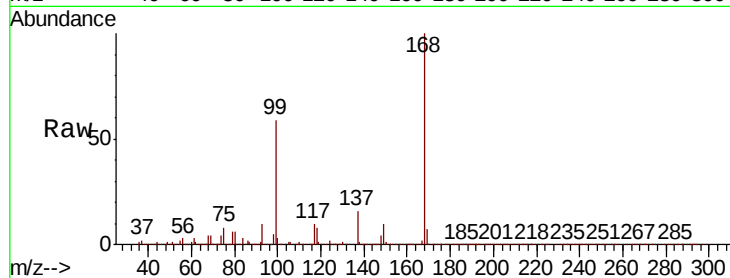
VX0327WBSD02

Tot Ion:168 Resp: 1038392

Ion Ratio Lower Upper

168 100

99 59.0 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

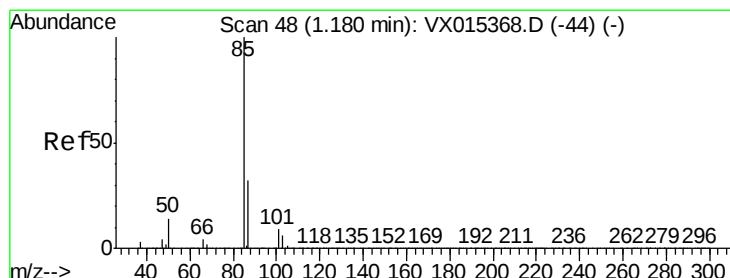
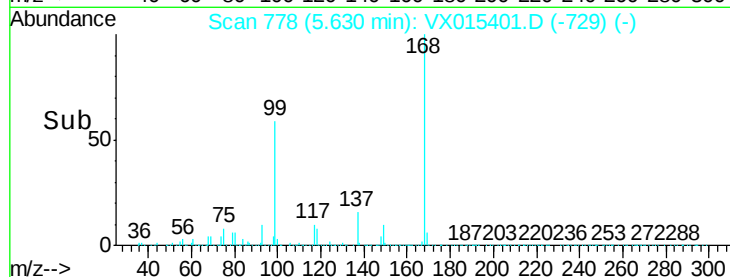
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.694 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015401.D

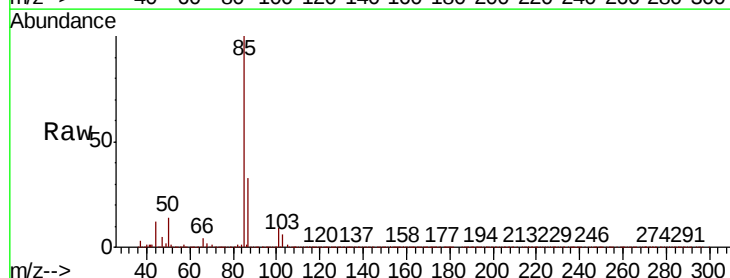
Acq: 28 Mar 2020 00:08

Tgt Ion: 85 Resp: 198468

Ion Ratio Lower Upper

85 100

87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

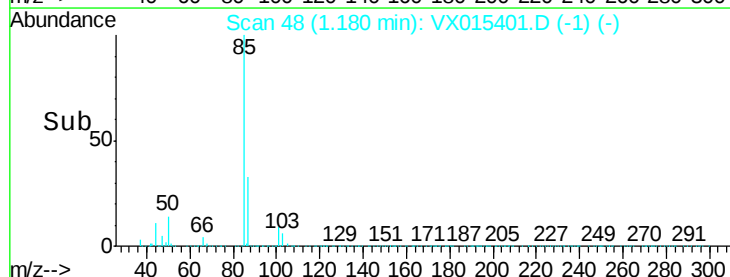
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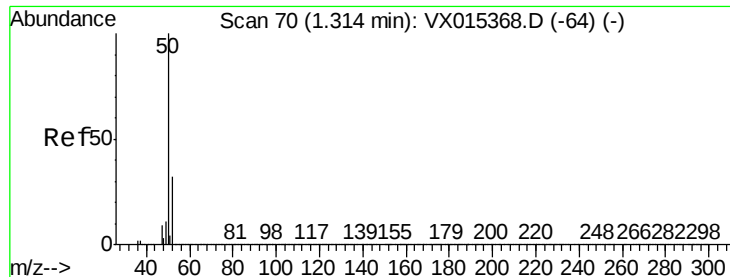
50000

0

Time-->

1.10 1.15 1.20 1.25

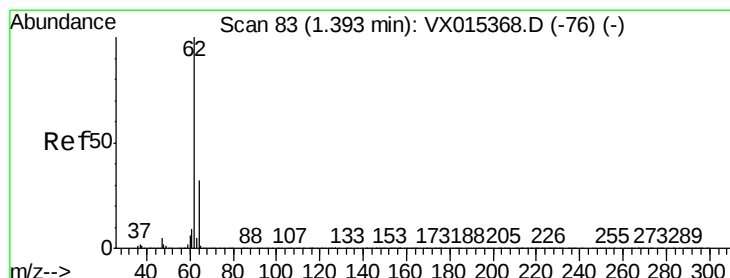
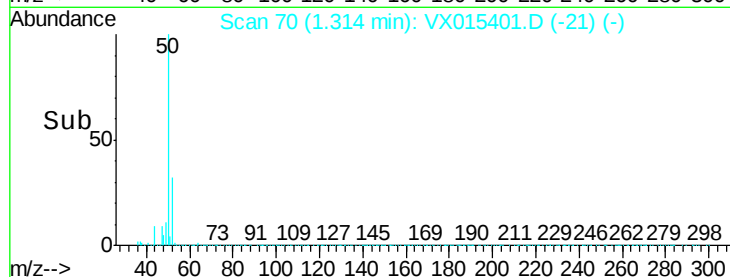
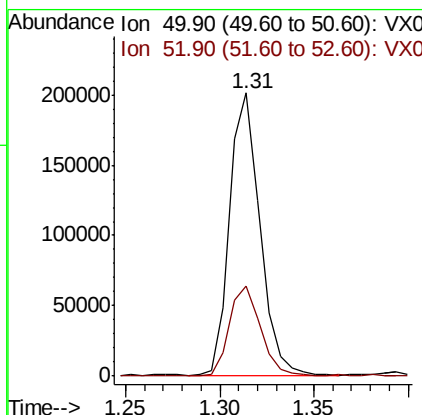
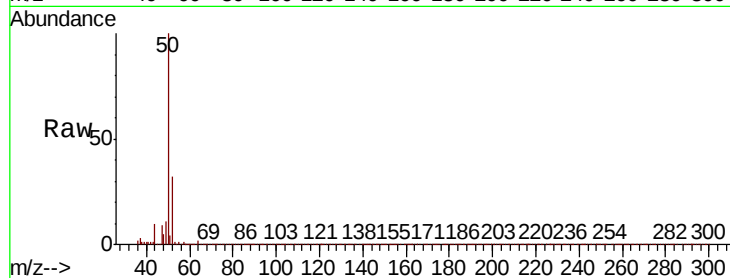




#3
Chloromethane
Concen: 19.268 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

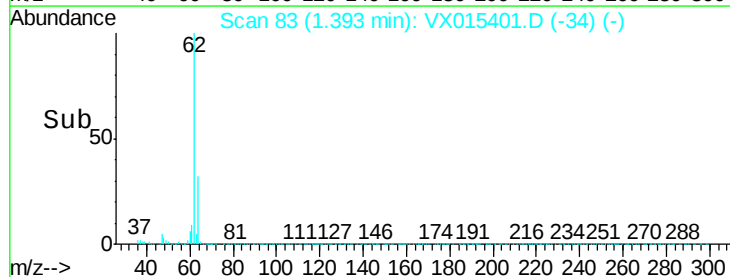
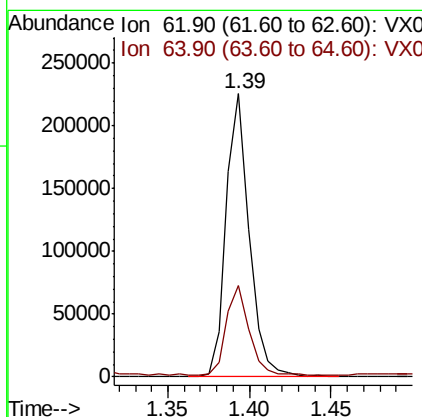
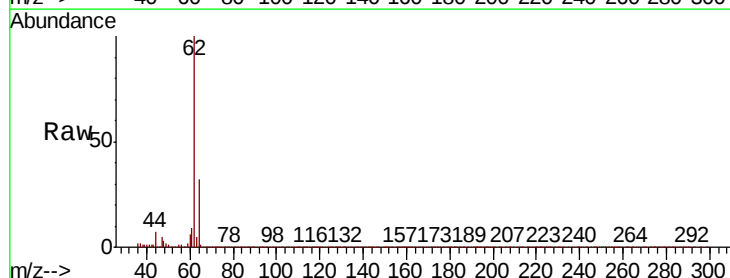
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

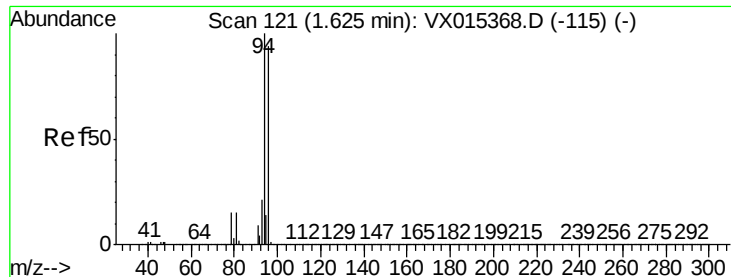
Tot Ion: 50 Resp: 224475
Ion Ratio Lower Upper
50 100
52 31.6 25.3 37.9



#4
Vinyl Chloride
Concen: 20.685 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion: 62 Resp: 221284
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0





#5

Bromomethane

Concen: 22.925 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

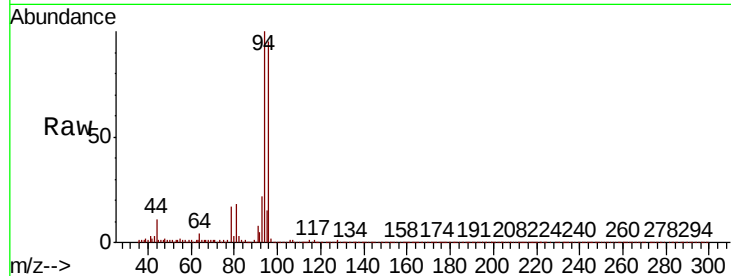
VX0327WBSD02

Tot Ion: 94 Resp: 134644

Ion Ratio Lower Upper

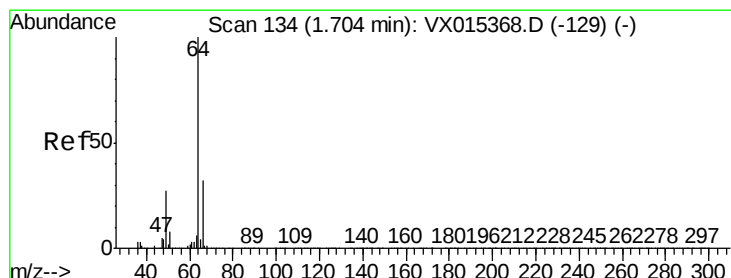
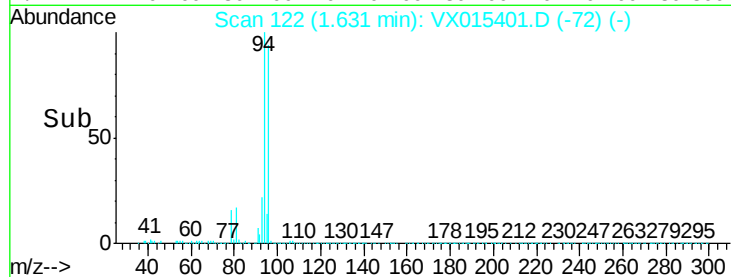
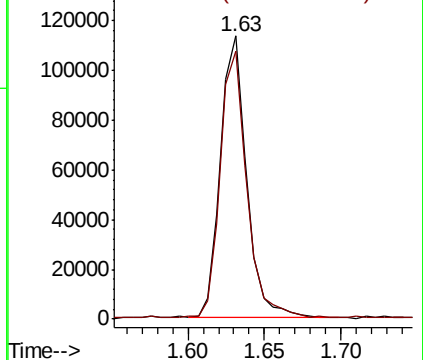
94 100

96 94.5 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.286 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015401.D

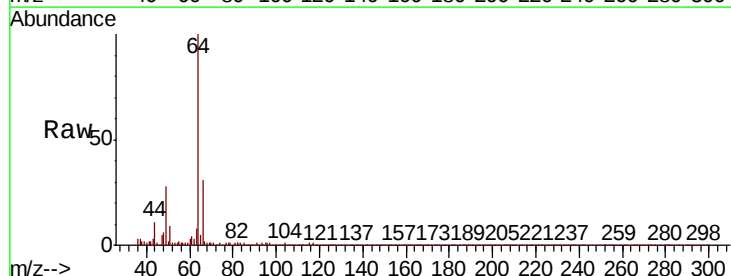
Acq: 28 Mar 2020 00:08

Tgt Ion: 64 Resp: 134592

Ion Ratio Lower Upper

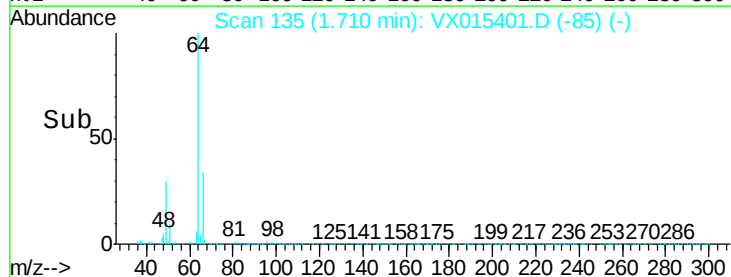
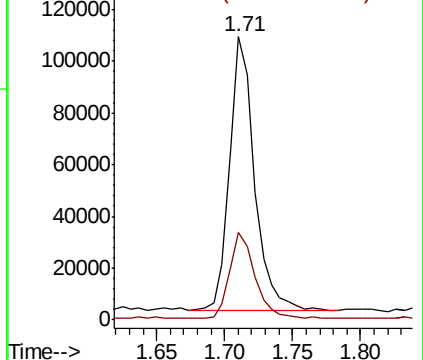
64 100

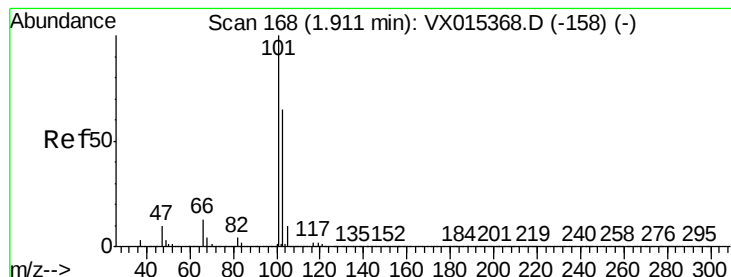
66 31.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



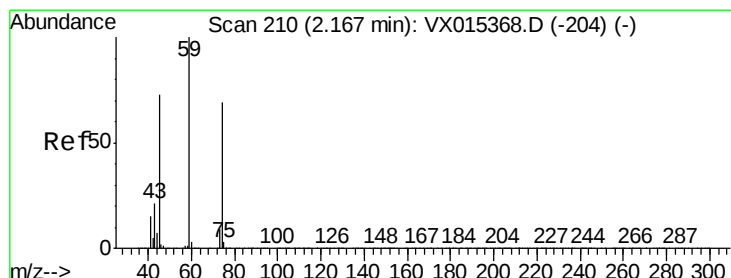
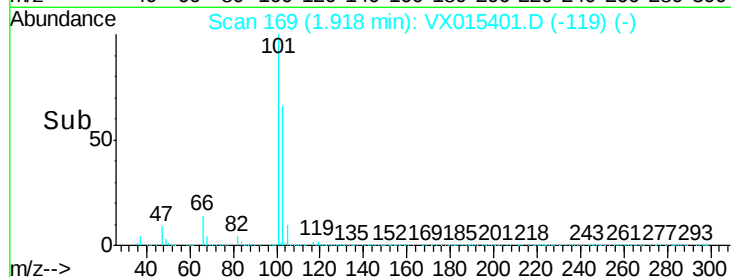
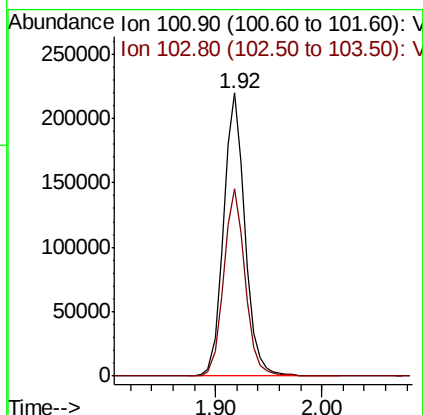
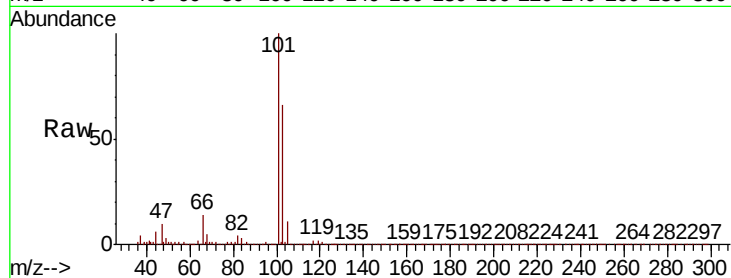


#7

Trichlorofluoromethane
Concen: 21.499 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

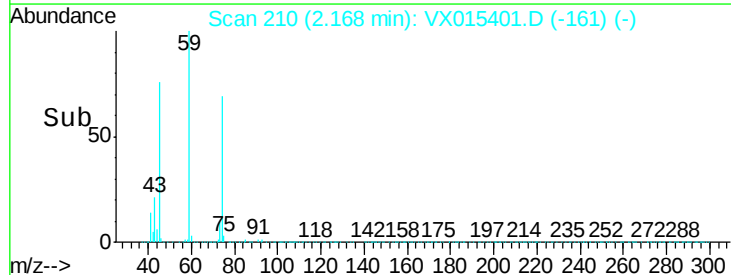
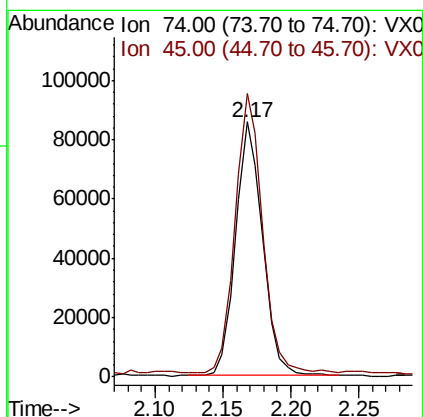
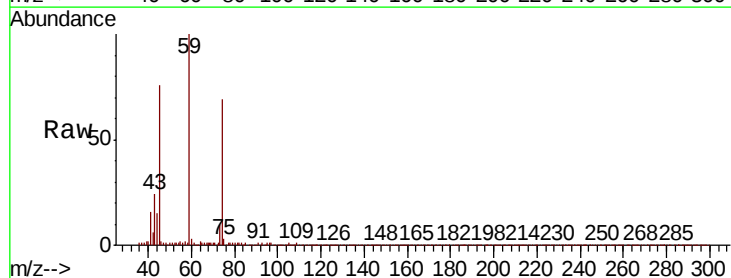
Tot Ion:101 Resp: 308435
Ion Ratio Lower Upper
101 100
103 66.0 52.3 78.5

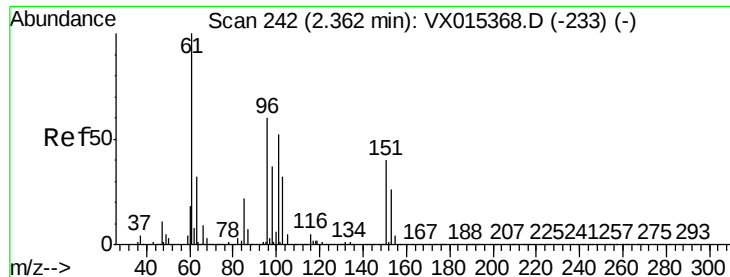


#8

Diethyl Ether
Concen: 19.531 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion: 74 Resp: 118184
Ion Ratio Lower Upper
74 100
45 111.1 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.365 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD02

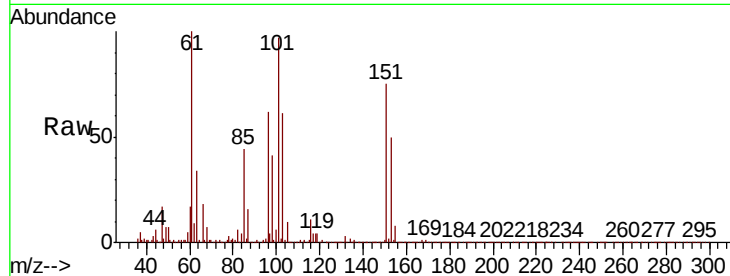
Tot Ion:101 Resp: 199817

Ion Ratio Lower Upper

101 100

85 45.3 35.0 52.4

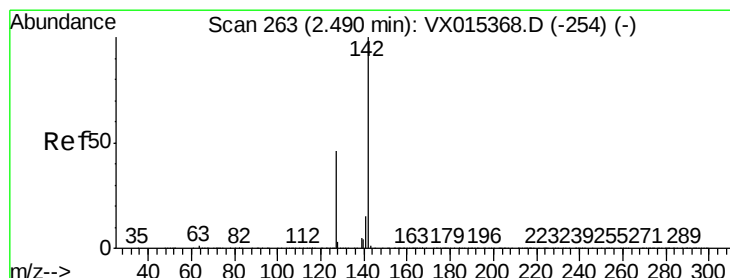
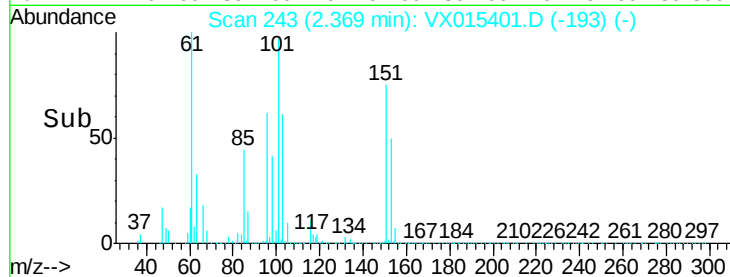
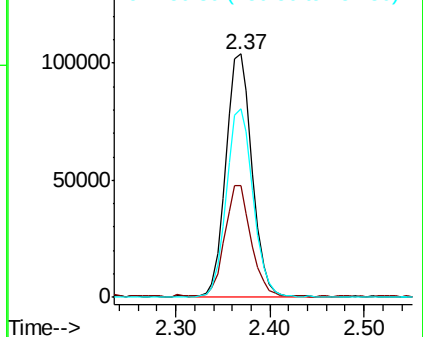
151 79.1 64.1 96.1



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: 15.222 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

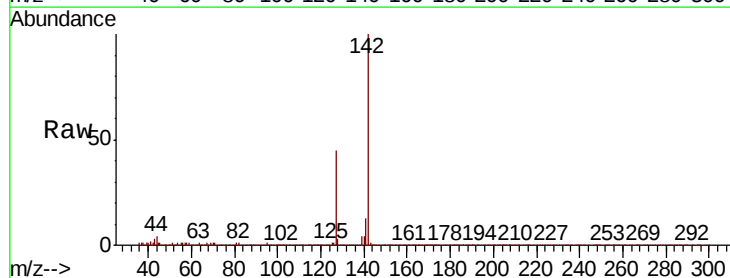
Tgt Ion:142 Resp: 191947

Ion Ratio Lower Upper

142 100

127 45.6 35.9 53.9

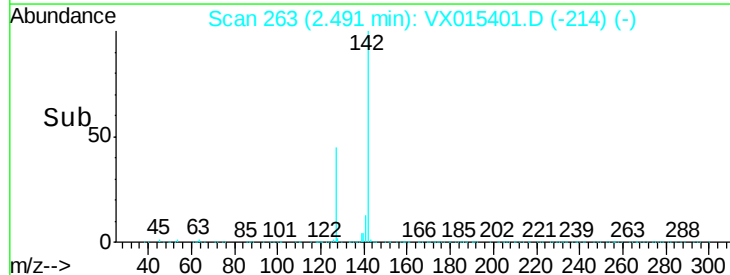
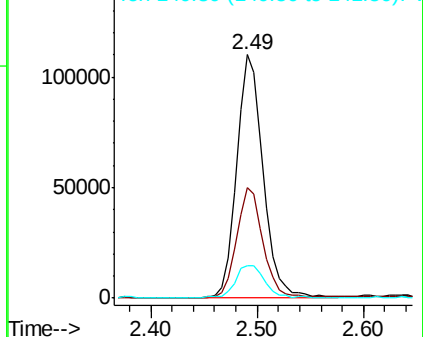
141 14.4 11.6 17.4

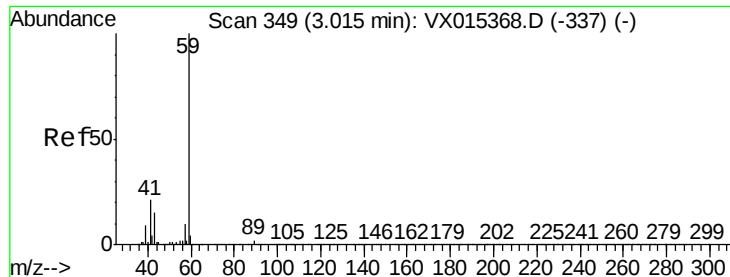


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

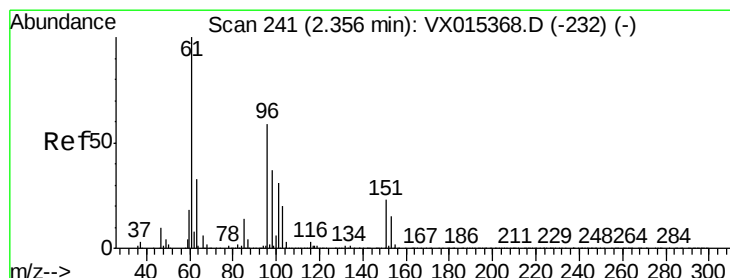
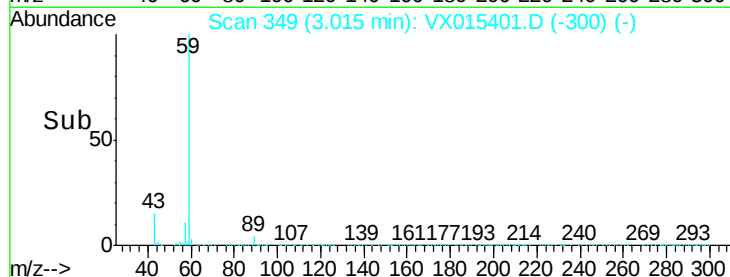
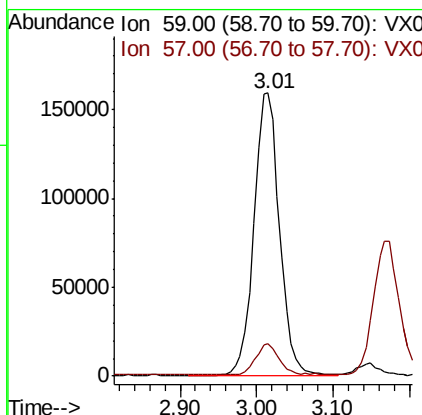
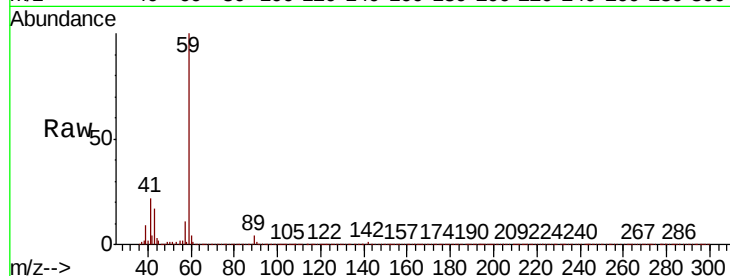




#11
Tert butyl alcohol
Concen: 106.511 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

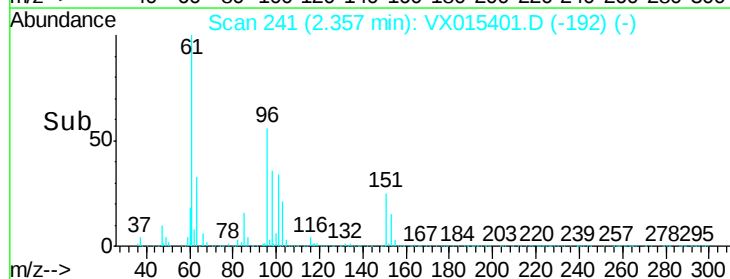
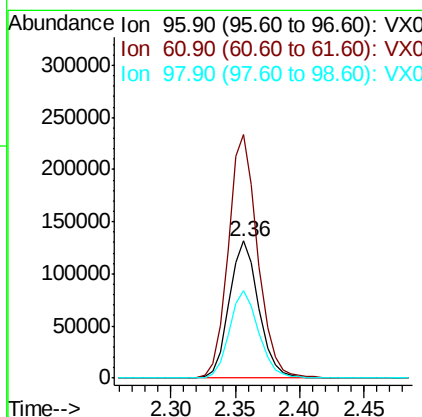
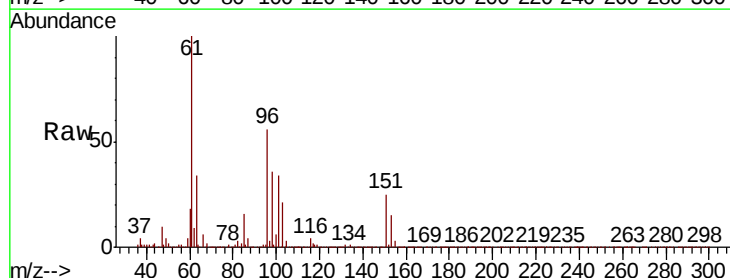
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

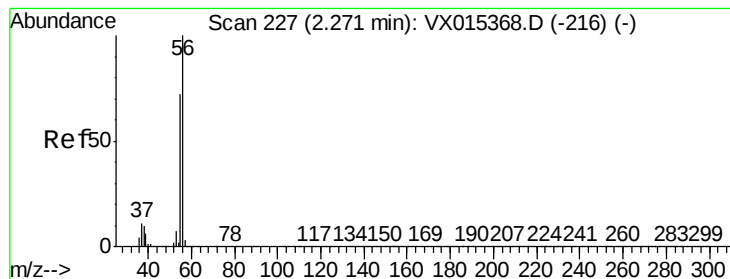
Tot Ion: 59 Resp: 373371
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 21.312 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion: 96 Resp: 208935
Ion Ratio Lower Upper
96 100
61 177.9 135.7 203.5
98 64.1 50.6 75.8





#13

Acrolein

Concen: 87.506 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

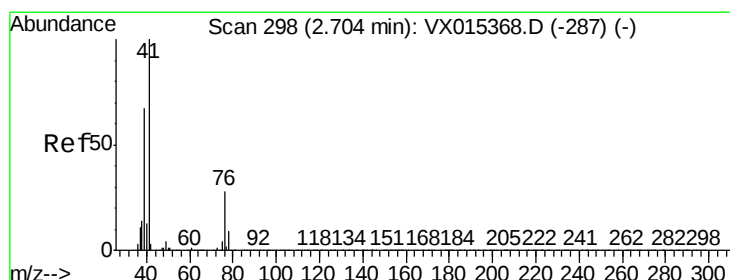
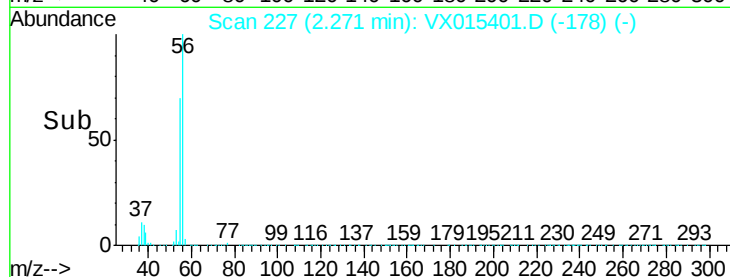
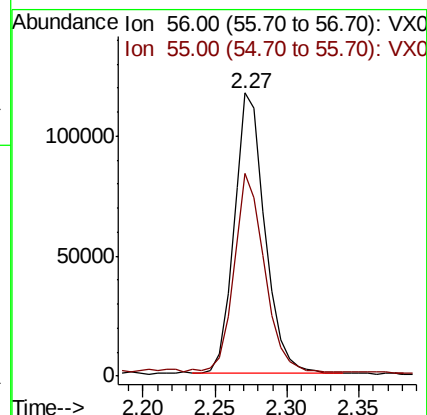
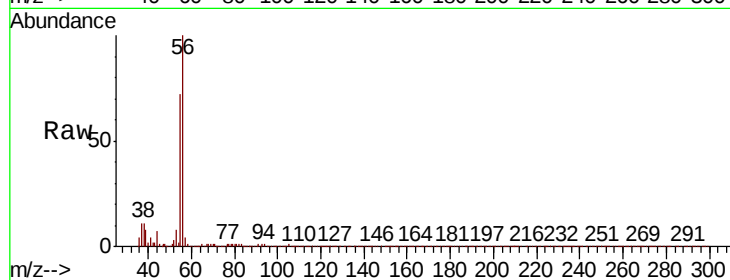
VX0327WBSD02

Tot Ion: 56 Resp: 174738

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 20.620 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

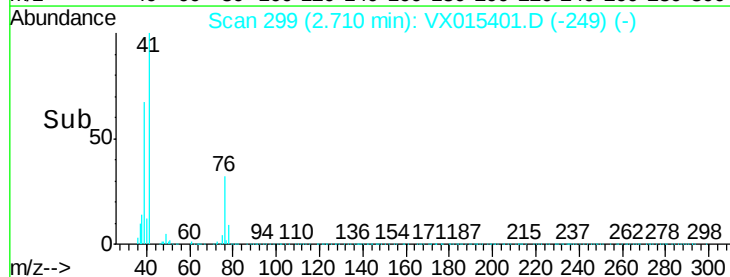
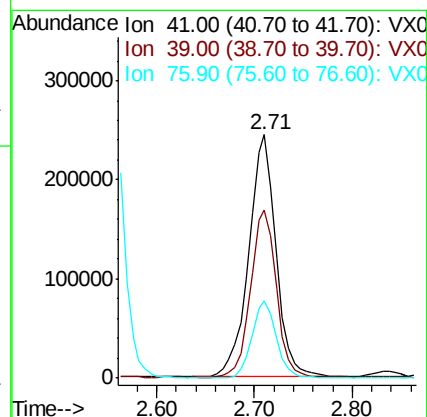
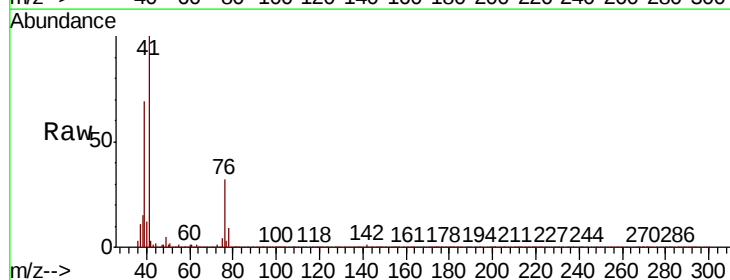
Tgt Ion: 41 Resp: 472340

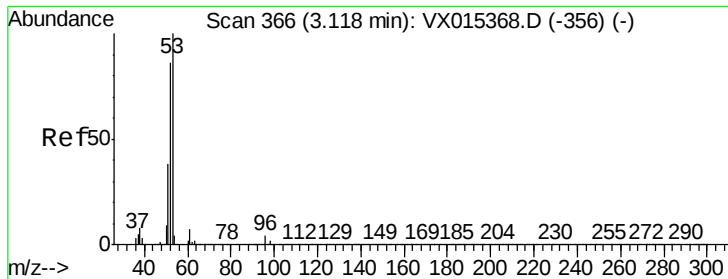
Ion Ratio Lower Upper

41 100

39 65.2 51.4 77.0

76 27.8 21.8 32.8





#15

Acrylonitrile

Concen: 105.784 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD02

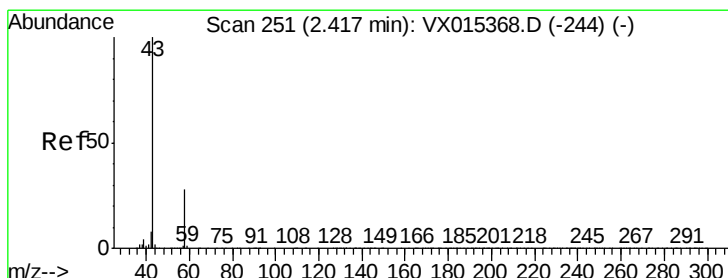
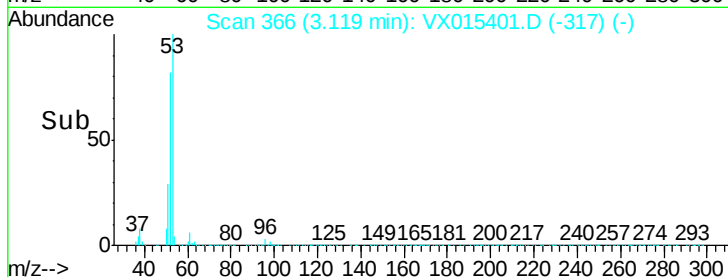
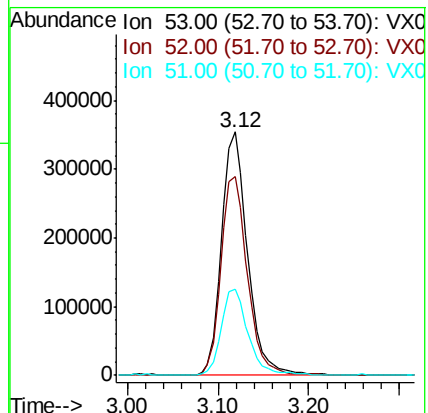
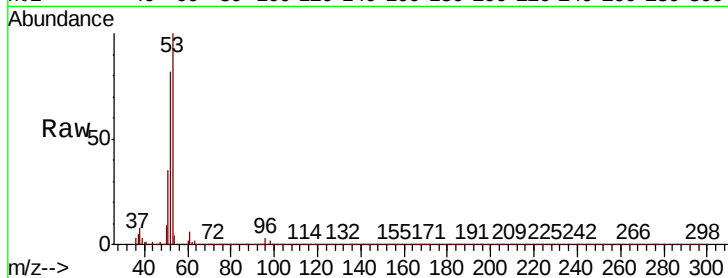
Tot Ion: 53 Resp: 707183

Ion Ratio Lower Upper

53 100

52 83.2 66.8 100.2

51 36.4 29.5 44.3



#16

Acetone

Concen: 106.318 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015401.D

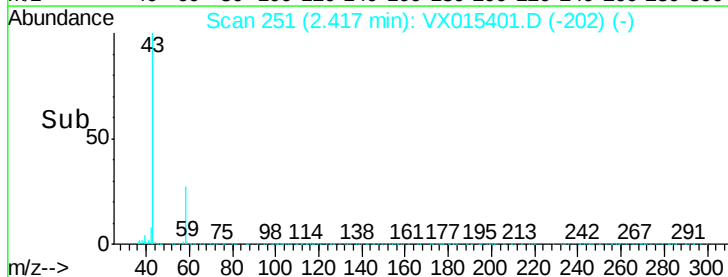
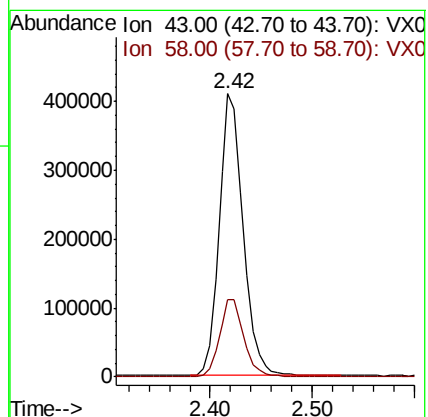
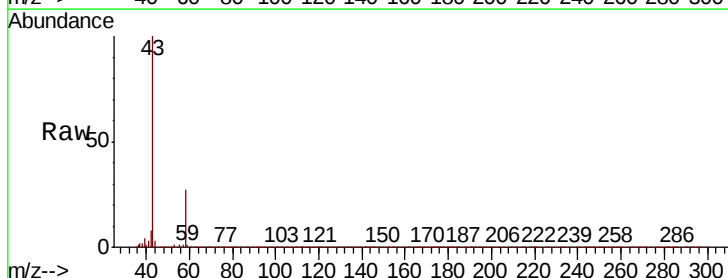
Acq: 28 Mar 2020 00:08

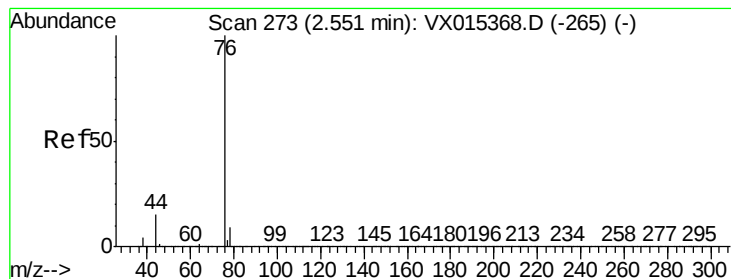
Tgt Ion: 43 Resp: 668952

Ion Ratio Lower Upper

43 100

58 27.4 22.1 33.1





#17

Carbon Disulfide

Concen: 21.184 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

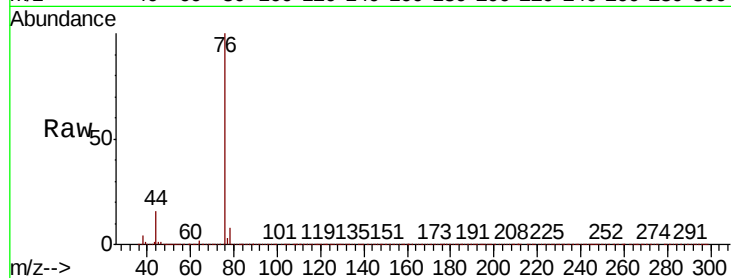
VX0327WBSD02

Tot Ion: 76 Resp: 633539

Ion Ratio Lower Upper

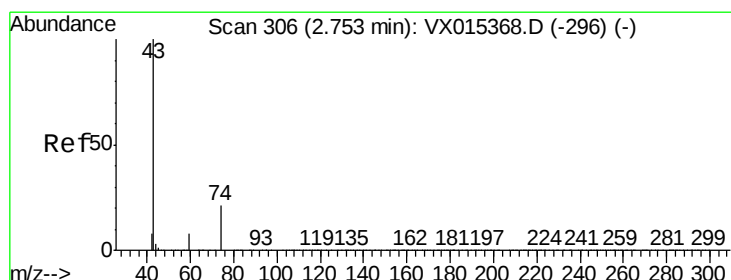
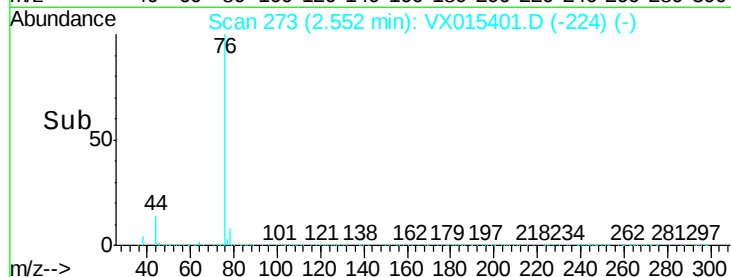
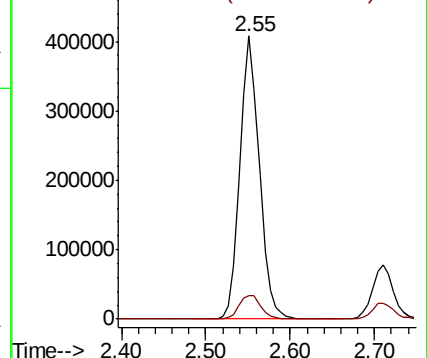
76 100

78 8.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.199 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015401.D

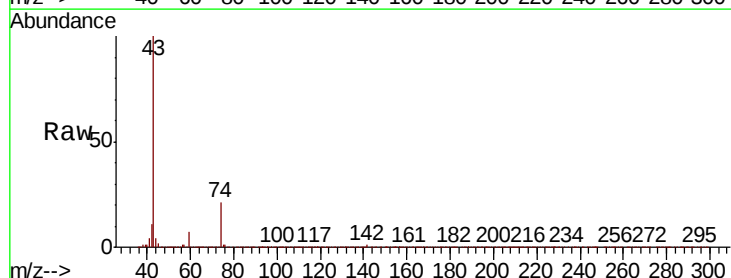
Acq: 28 Mar 2020 00:08

Tgt Ion: 43 Resp: 340433

Ion Ratio Lower Upper

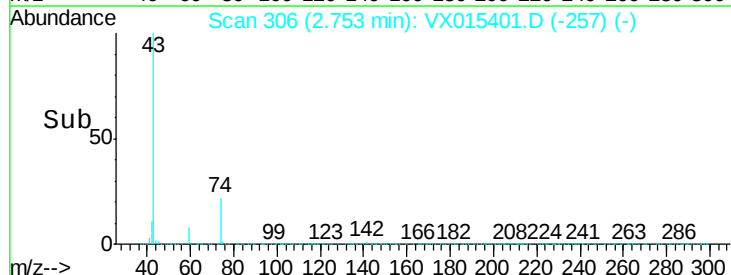
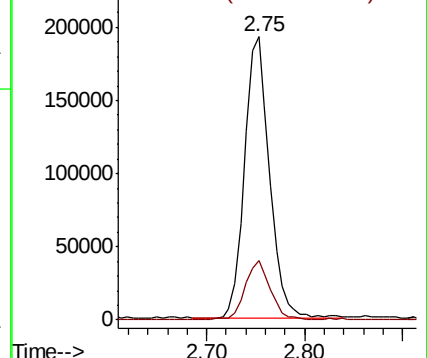
43 100

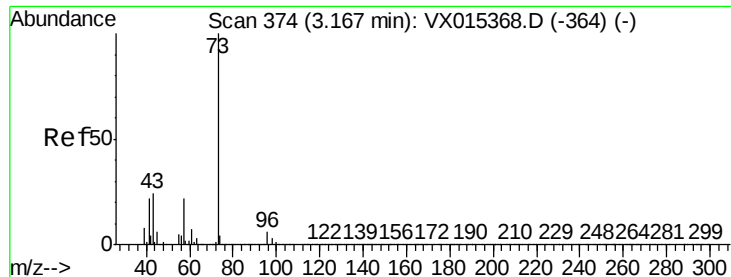
74 20.8 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

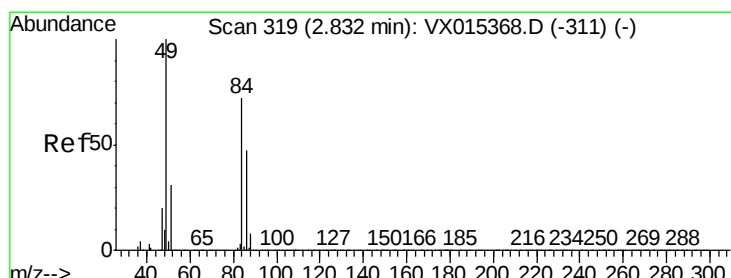
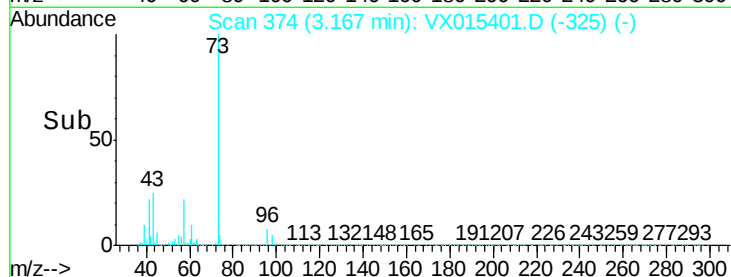
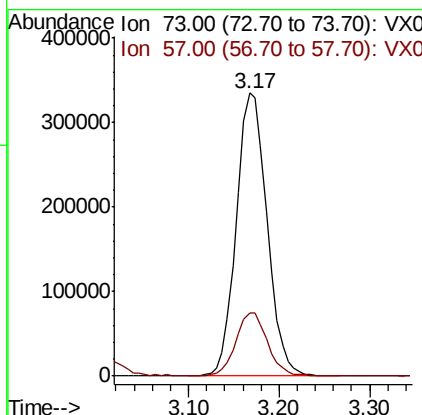
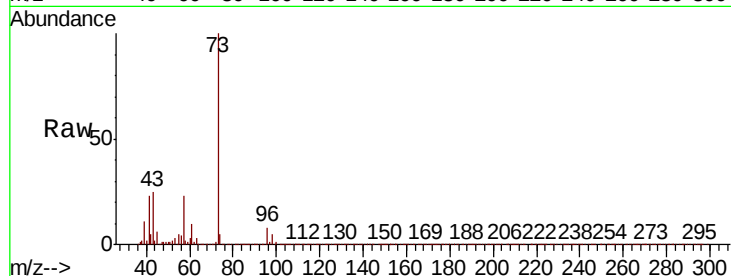




#19
Methyl tert-butyl Ether
Concen: 20.703 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

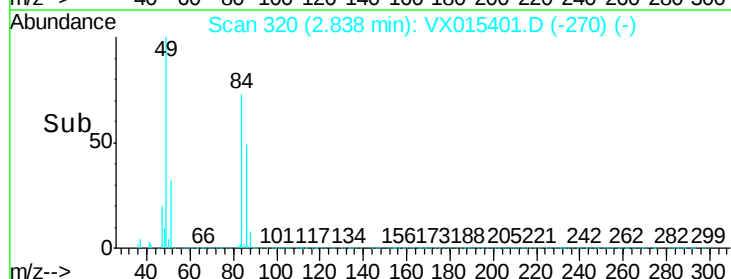
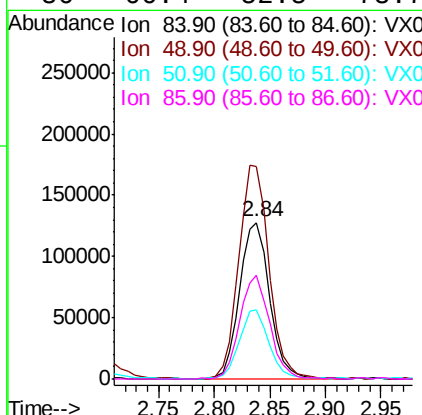
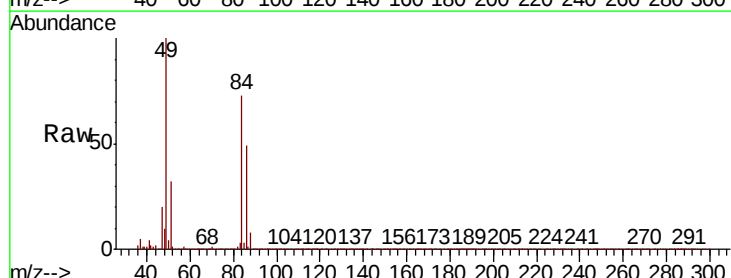
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

Tot Ion: 73 Resp: 787150
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9



#20
Methylene Chloride
Concen: 20.292 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion: 84 Resp: 238488
Ion Ratio Lower Upper
84 100
49 136.1 111.3 166.9
51 43.9 34.0 51.0
86 66.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 21.332 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD02

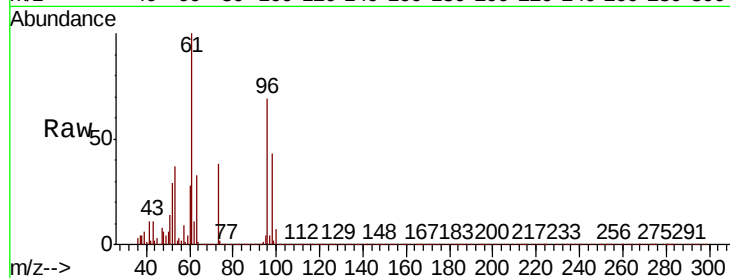
Tot Ion: 96 Resp: 232091

Ion Ratio Lower Upper

96 100

61 144.8 116.9 175.3

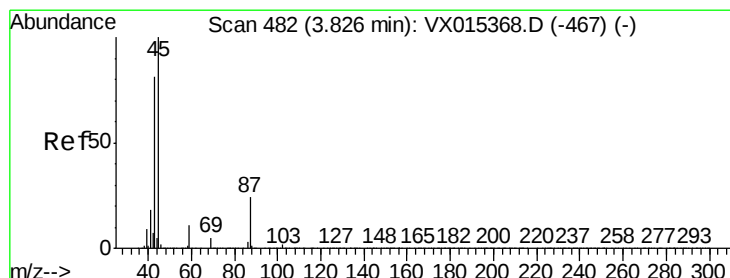
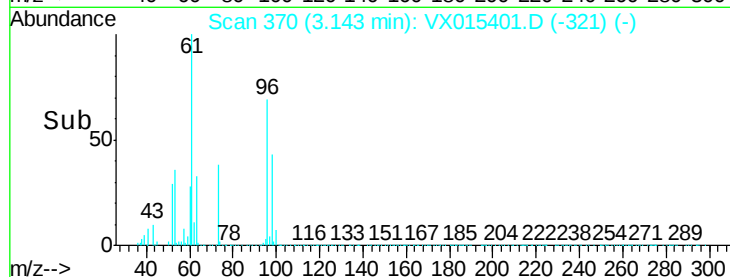
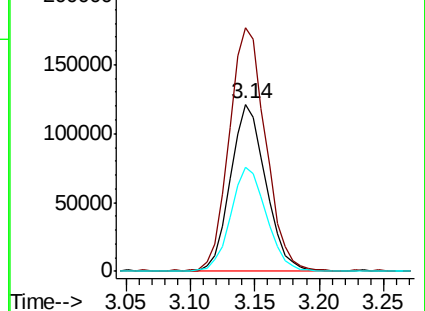
98 61.6 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.780 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Tgt Ion: 45 Resp: 884073

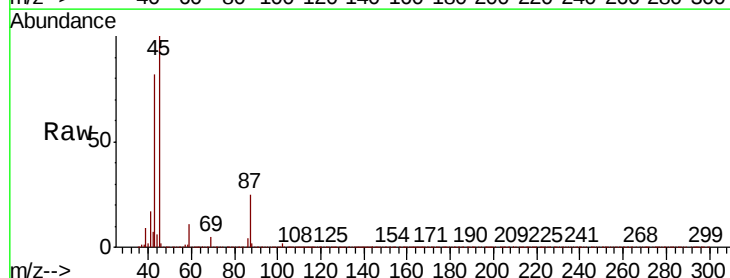
Ion Ratio Lower Upper

45 100

43 81.5 64.7 97.1

87 24.5 19.4 29.0

59 10.7 8.7 13.1

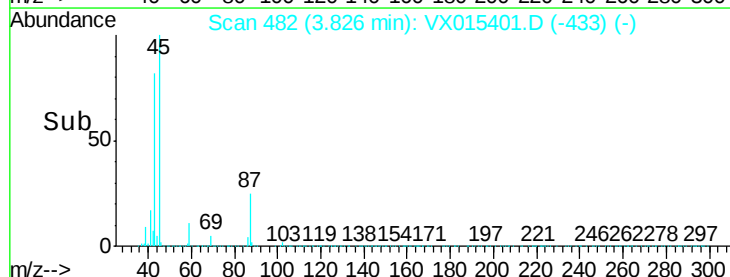
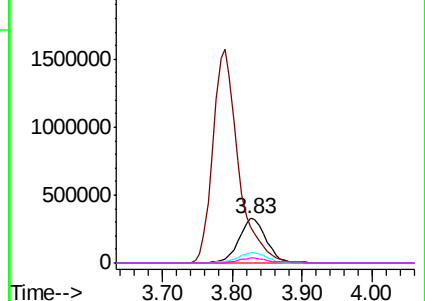


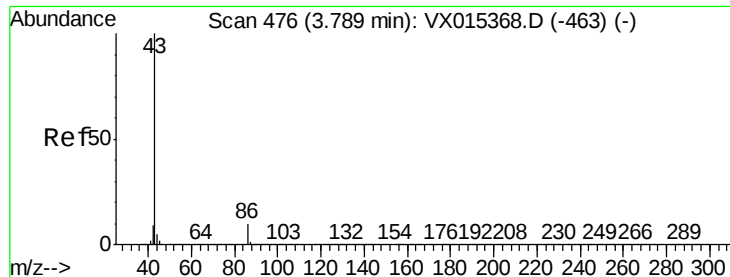
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 108.349 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

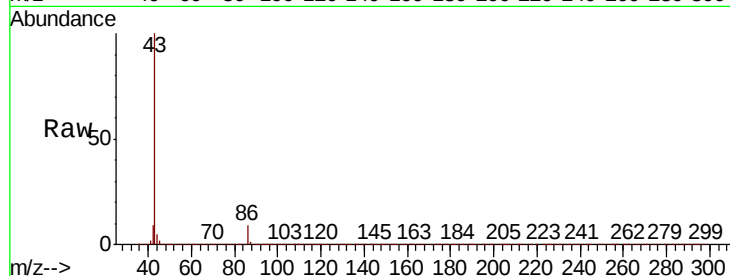
VX0327WBSD02

Tot Ion: 43 Resp: 3981922

Ion Ratio Lower Upper

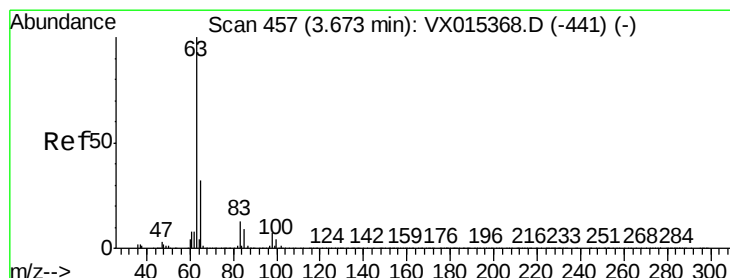
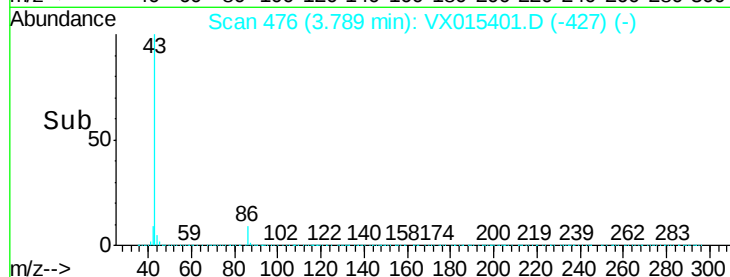
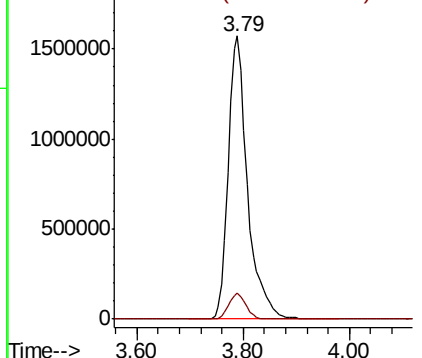
43 100

86 9.3 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.708 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

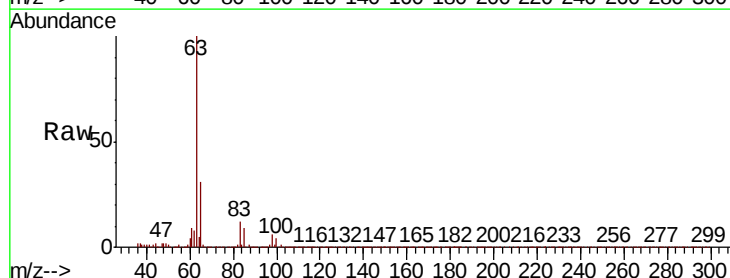
Tgt Ion: 63 Resp: 442550

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

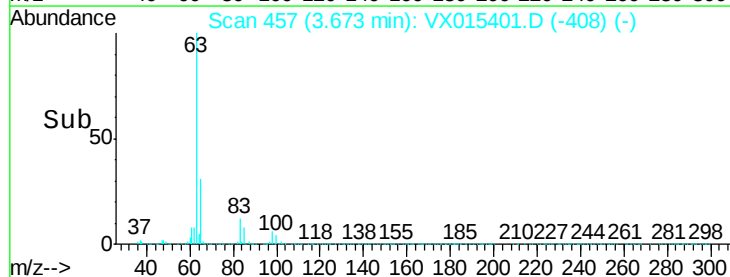
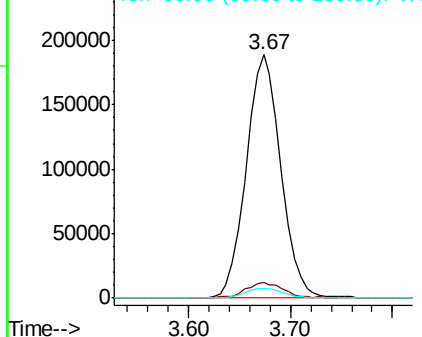
100 4.0 2.1 6.5

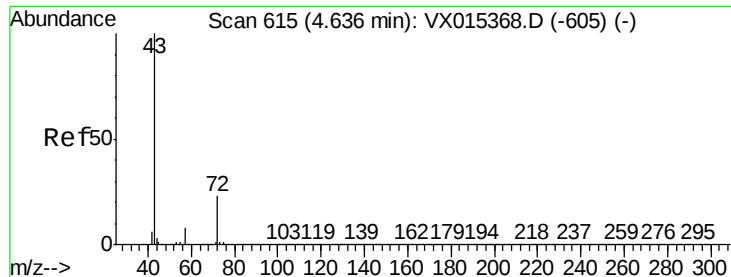


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.575 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

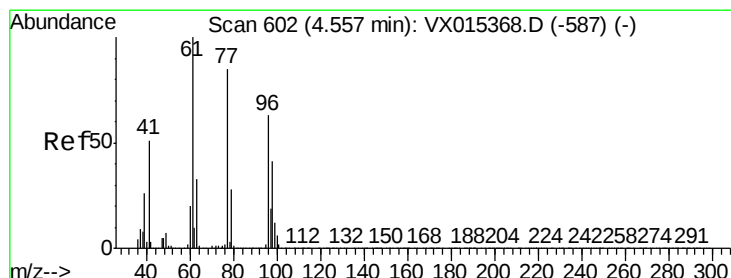
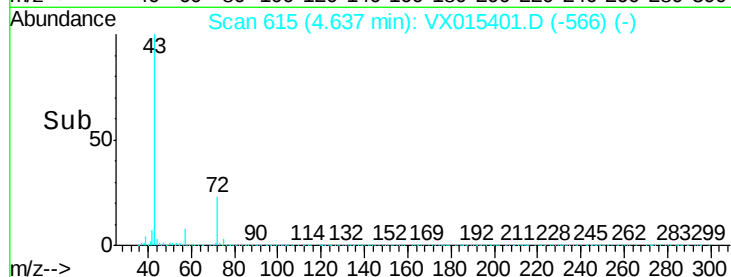
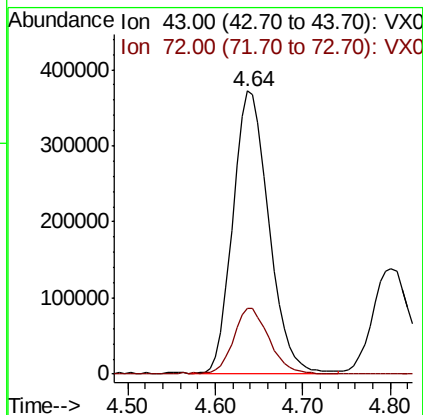
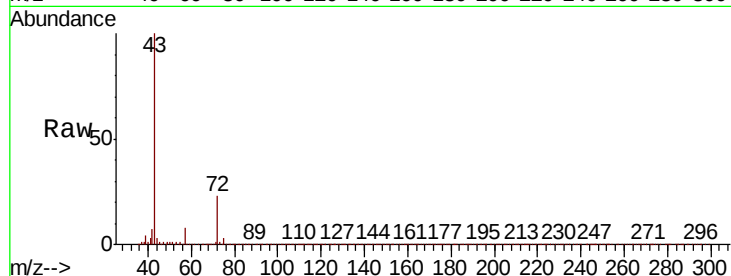
VX0327WBSD02

Tot Ion: 43 Resp: 1058183

Ion Ratio Lower Upper

43 100

72 23.1 19.0 28.4



#26

2,2-Dichloropropane

Concen: 18.298 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015401.D

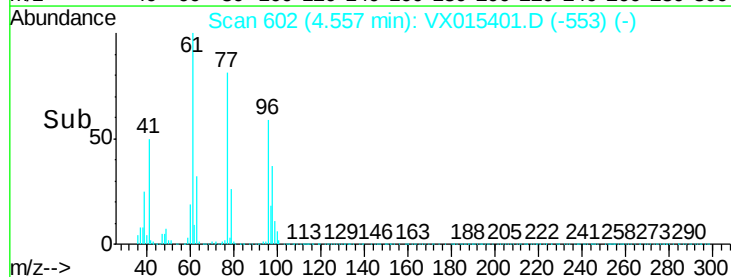
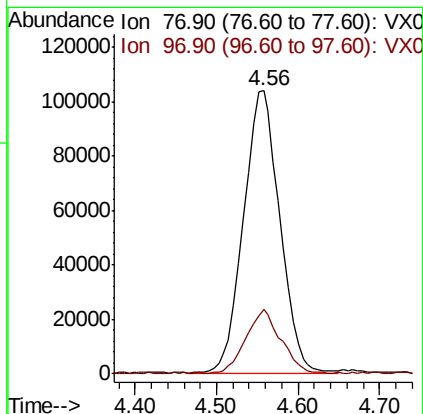
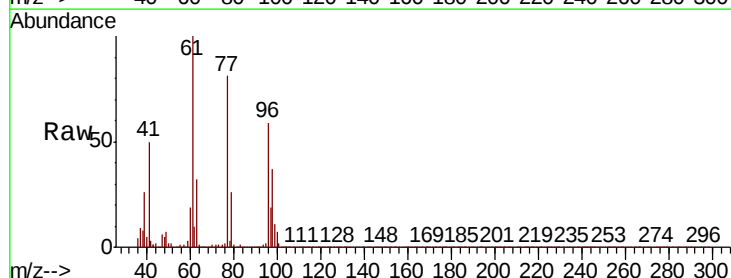
Acq: 28 Mar 2020 00:08

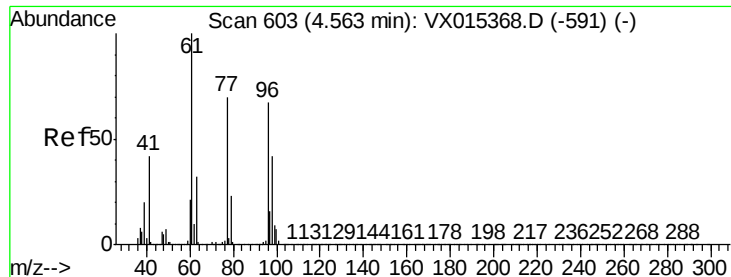
Tgt Ion: 77 Resp: 320980

Ion Ratio Lower Upper

77 100

97 21.7 11.3 33.8



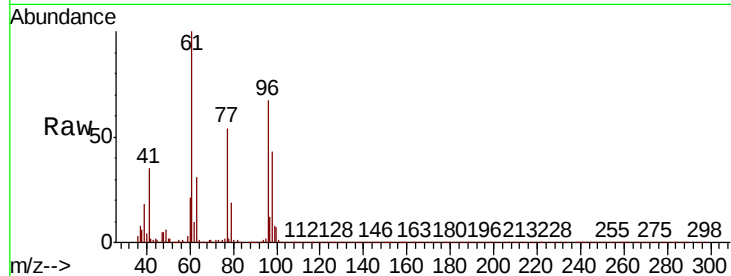


#27

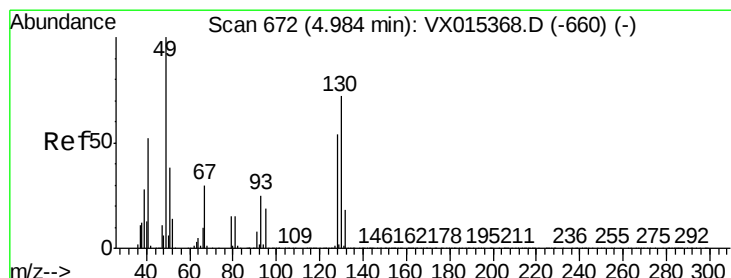
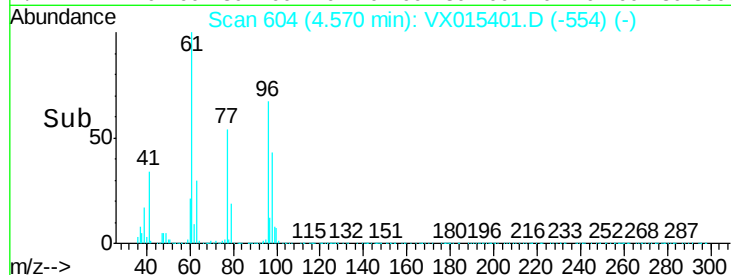
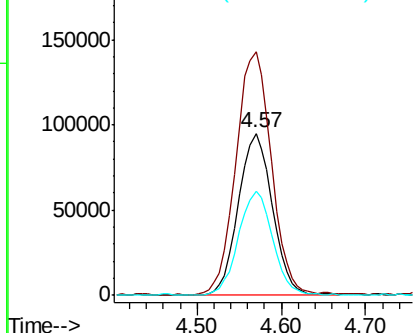
cis-1,2-Dichloroethene
 Concen: 20.507 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. 0.01 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.2	0.0	308.4
98	64.4	0.0	129.2



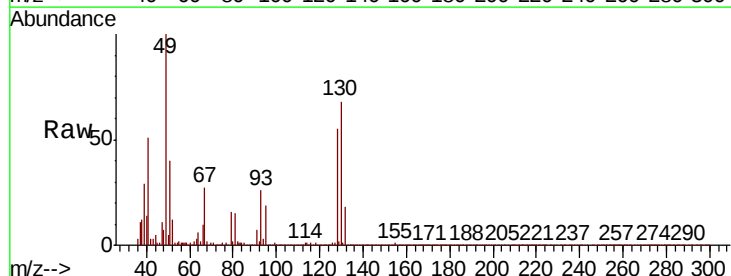
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



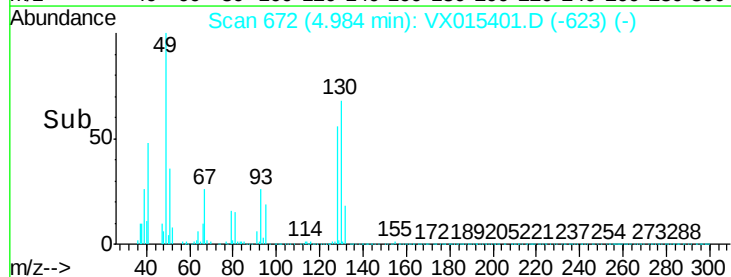
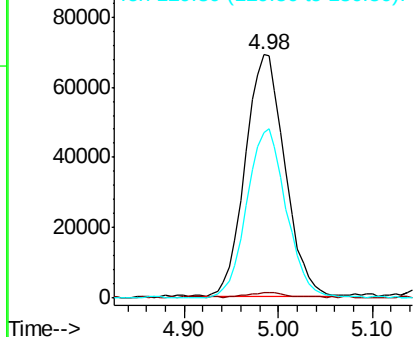
#28

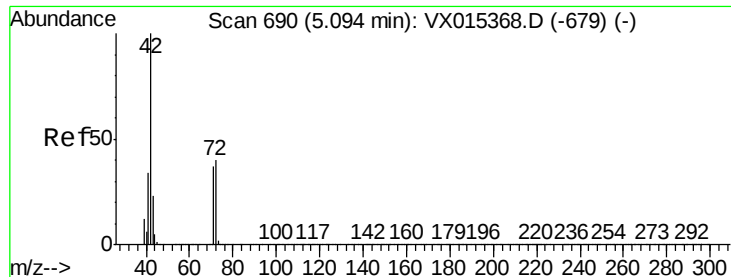
Bromochloromethane
 Concen: 19.992 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. 0.00 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	69.5	57.7	86.5



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





#29

Tetrahydrofuran

Concen: 104.637 ug/l

RT: 5.10 min Scan# 691

Delta R.T. 0.01 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD02

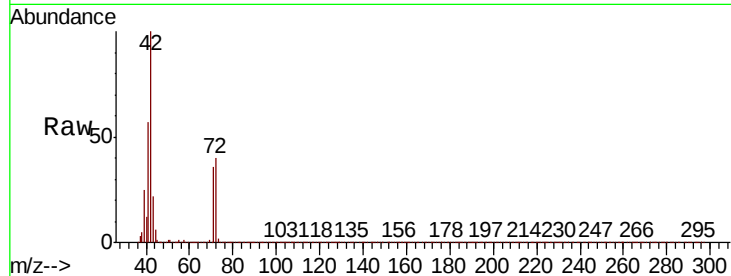
Tot Ion: 42 Resp: 680676

Ion Ratio Lower Upper

42 100

72 40.4 31.7 47.5

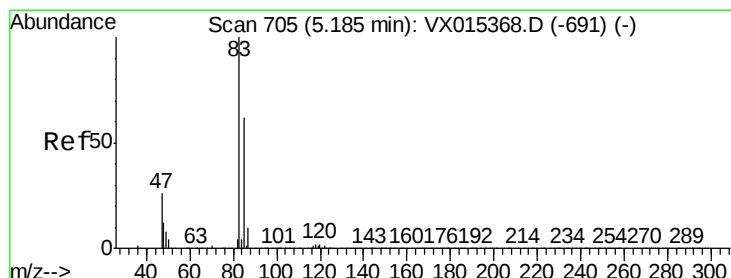
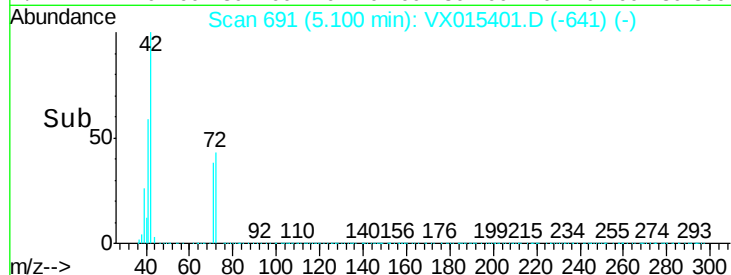
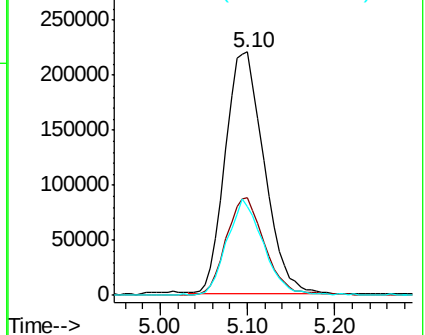
71 36.6 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.943 ug/l

RT: 5.19 min Scan# 705

Delta R.T. 0.00 min

Lab File: VX015401.D

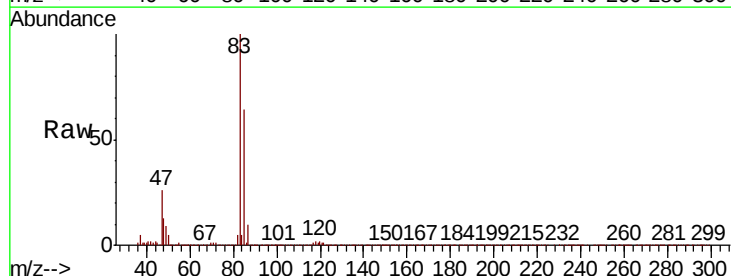
Acq: 28 Mar 2020 00:08

Tgt Ion: 83 Resp: 430612

Ion Ratio Lower Upper

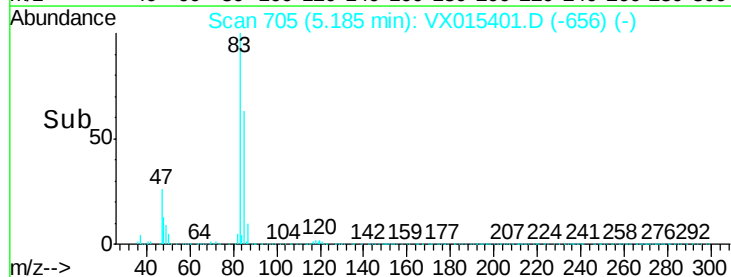
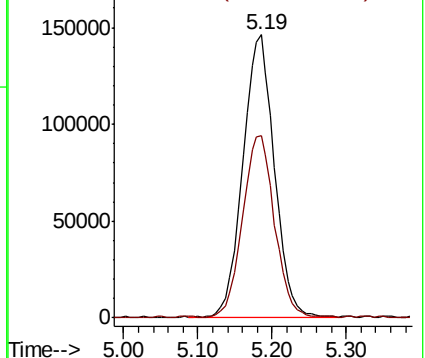
83 100

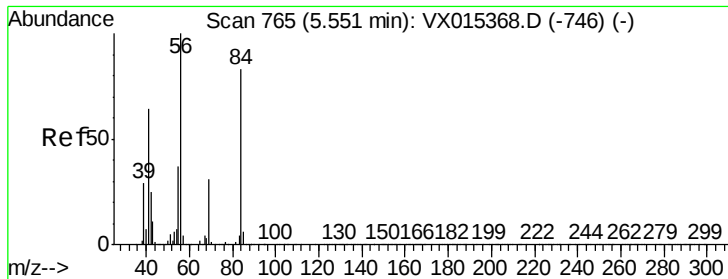
85 64.2 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

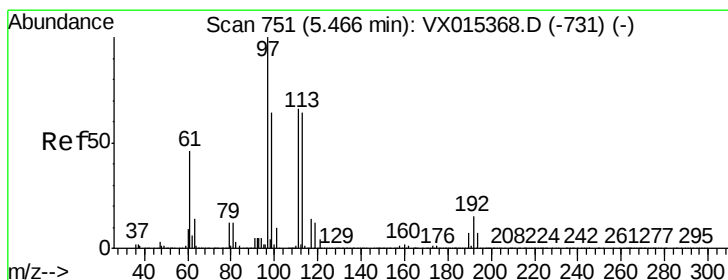
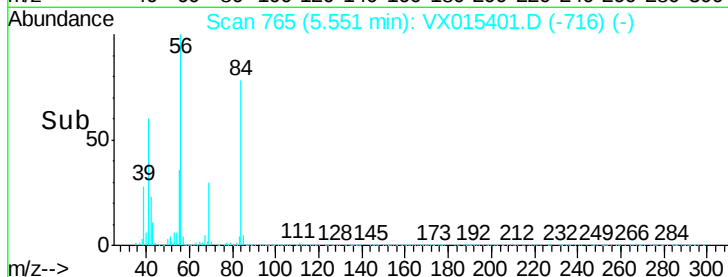
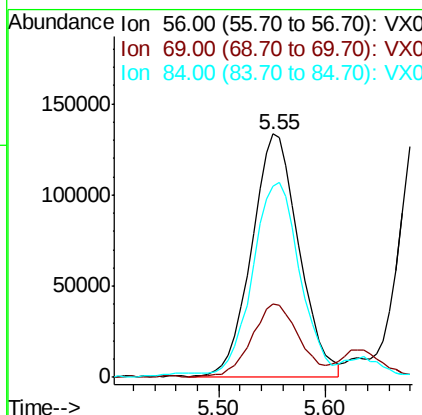
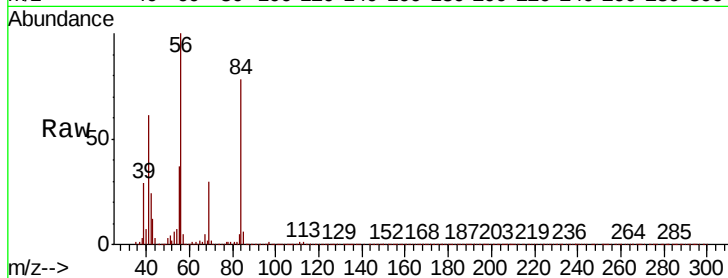




#31
Cyclohexane
Concen: 22.065 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

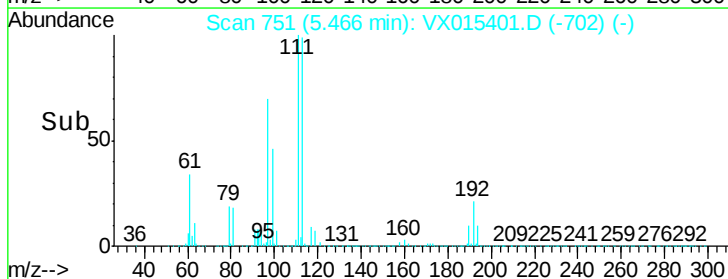
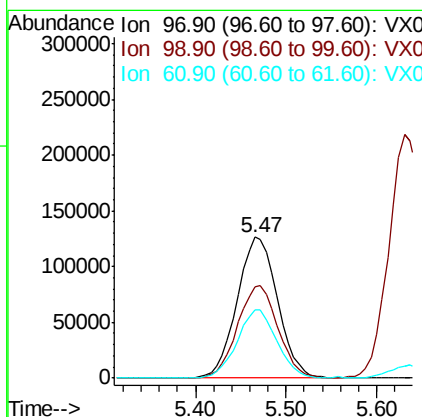
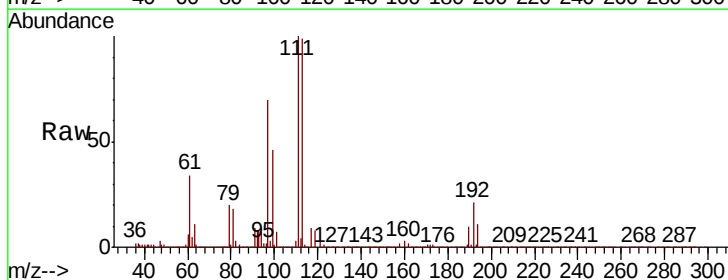
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

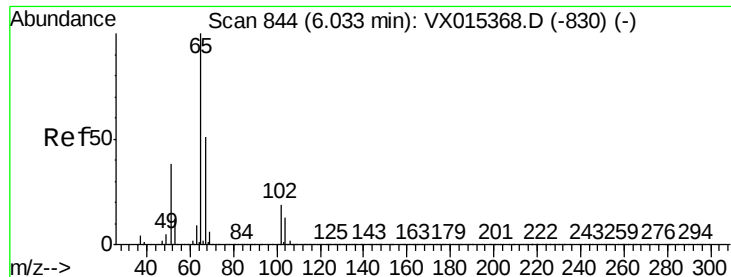
Tot Ion: 56 Resp: 409071
Ion Ratio Lower Upper
56 100
69 29.9 24.6 36.8
84 76.8 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 20.877 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion: 97 Resp: 388487
Ion Ratio Lower Upper
97 100
99 66.3 51.0 76.4
61 47.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 49.495 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

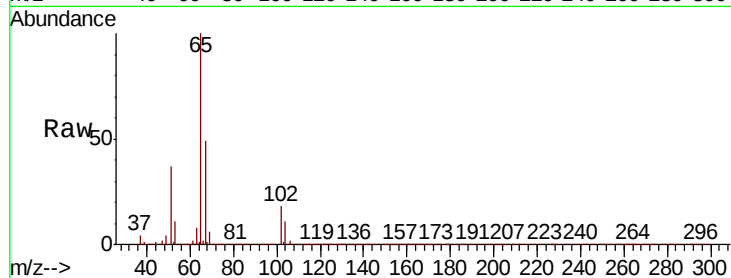
VX0327WBSD02

Tot Ion: 65 Resp: 724868

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

300000

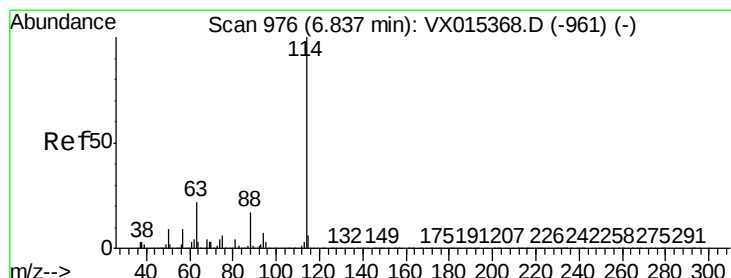
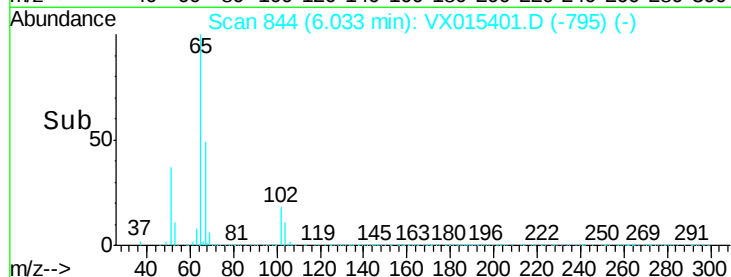
200000

100000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

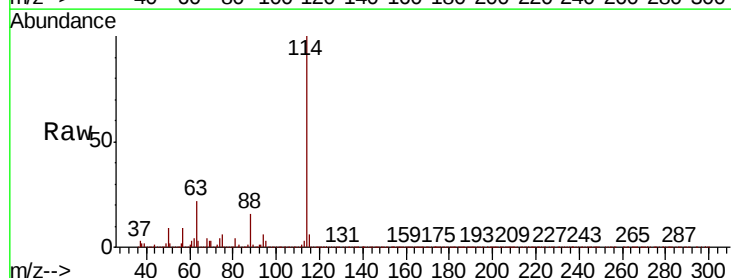
Tgt Ion: 114 Resp: 1701059

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

88 16.2 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

1000000

800000

600000

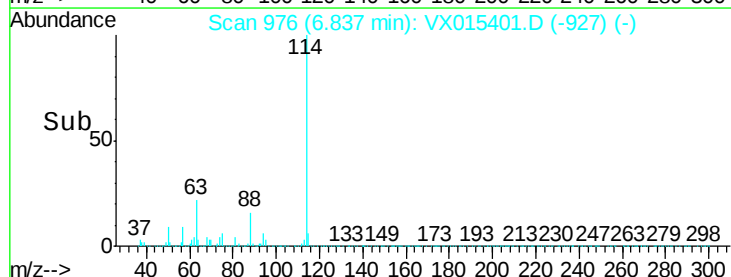
400000

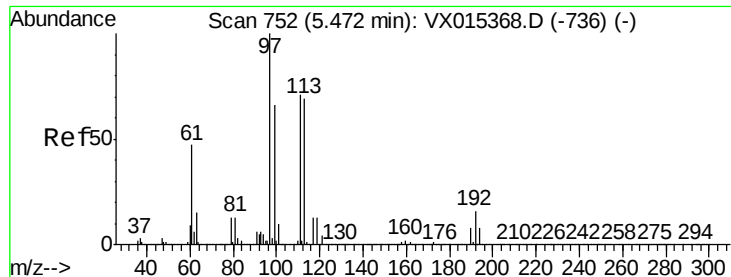
200000

0

Time-->

6.70 6.80 6.90 7.00

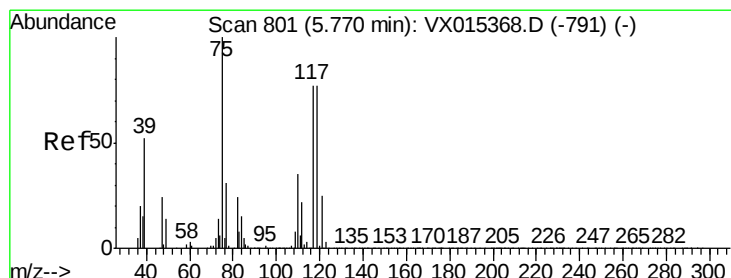
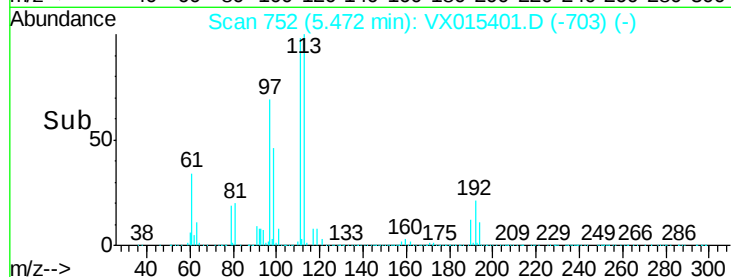
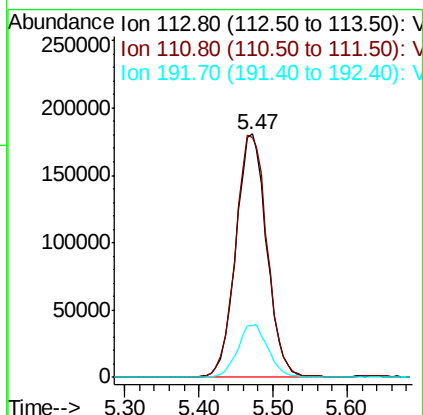
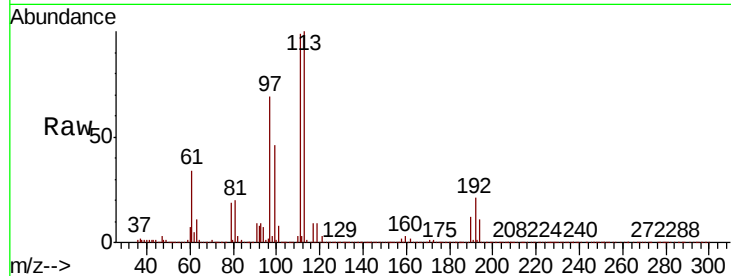




#35
 Dibromofluoromethane
 Concen: 48.195 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

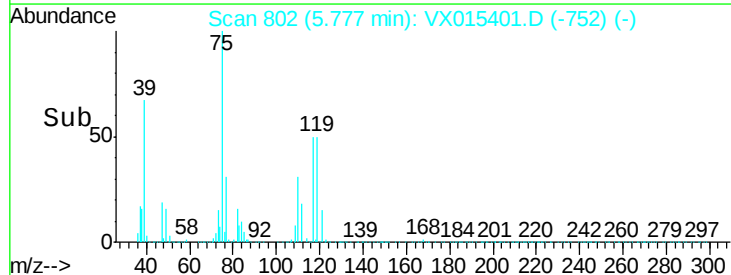
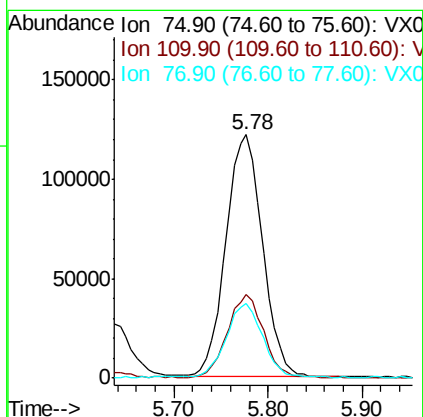
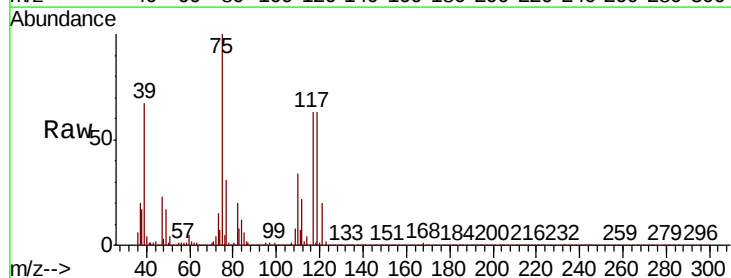
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD02

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.5	122.3
192	21.2	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 21.146 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	17.1	51.3
77	29.5	24.6	36.8

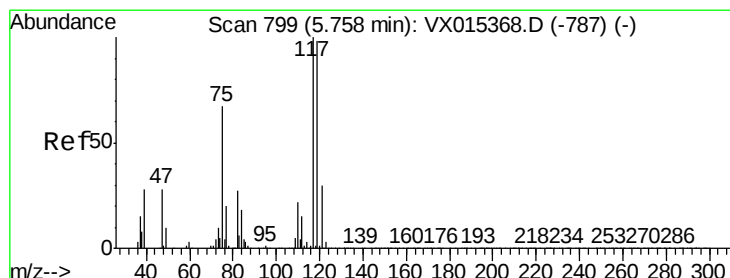
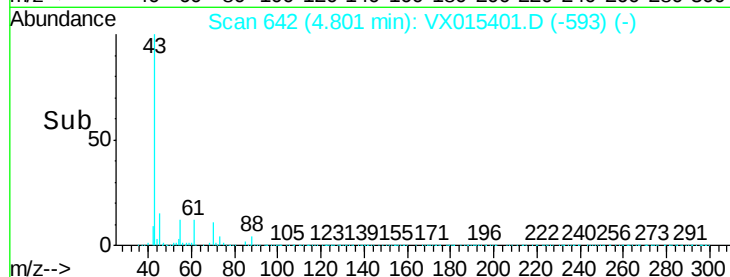
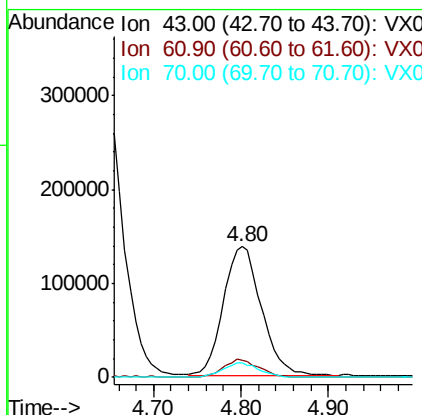
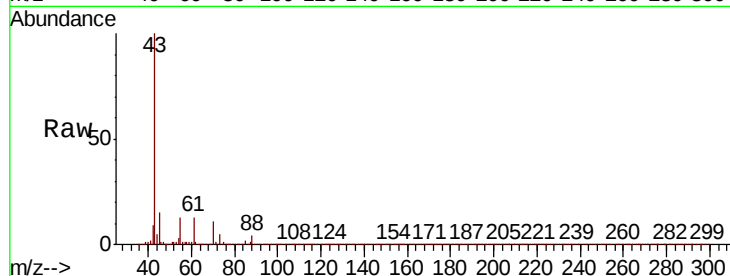




#37
Ethyl Acetate
Concen: 20.344 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

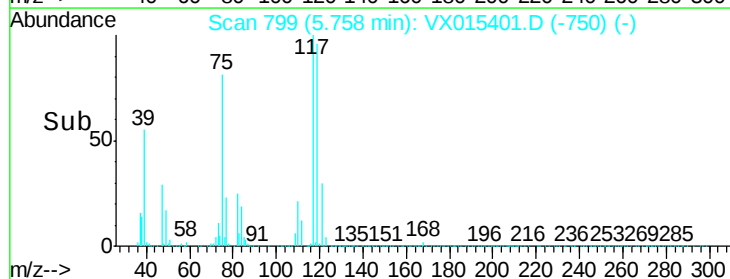
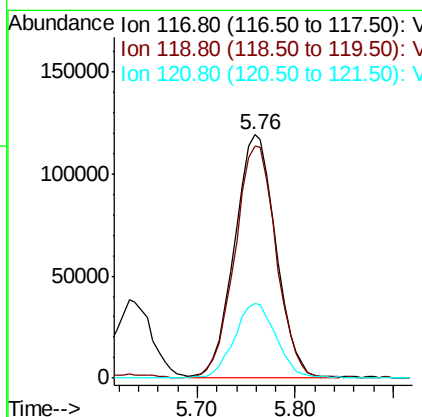
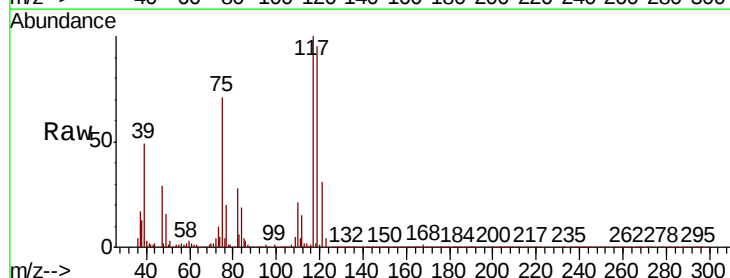
Instrument :
MSVOA_X
ClientSampleID :
VX0327WBSD02

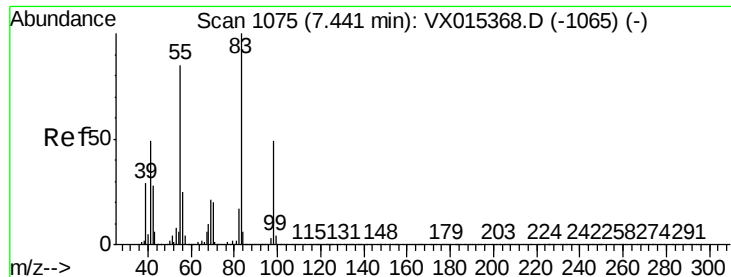
Tot Ion:	43	Resp:	415172
Ion	Ratio	Lower	Upper
43	100		
61	12.4	9.9	14.9
70	10.2	8.1	12.1



#38
Carbon Tetrachloride
Concen: 20.479 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion:	117	Resp:	347657
Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.0	117.0
121	30.7	23.8	35.8

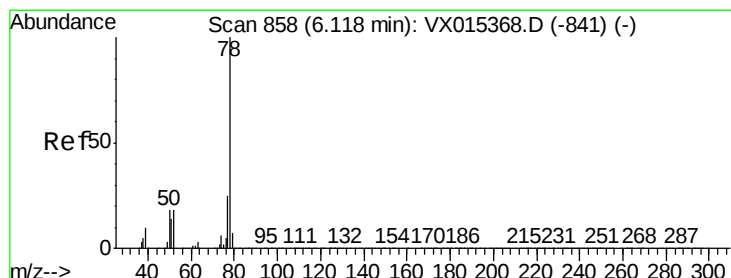
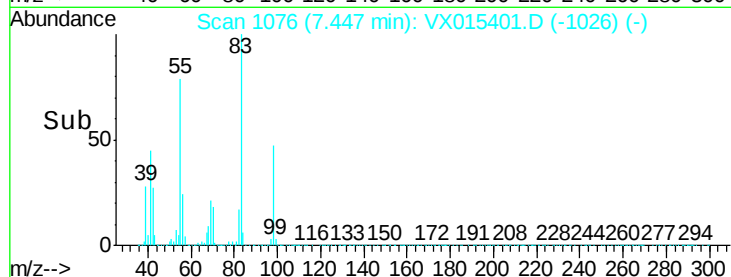
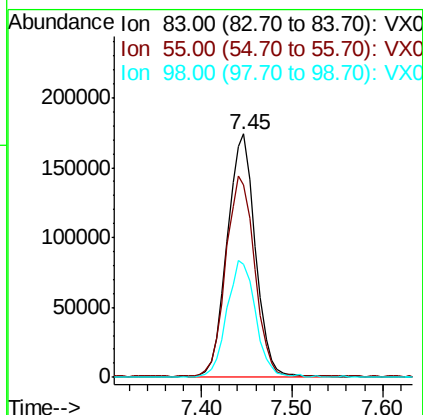
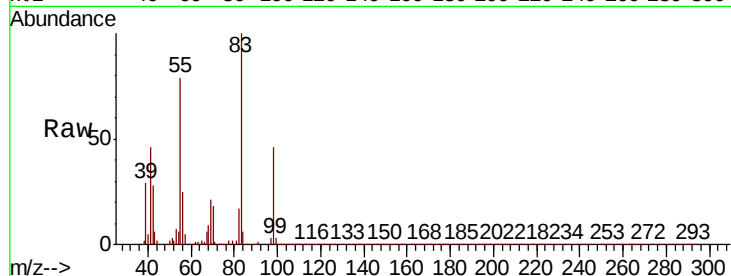




#39
Methvlcvclohexane
Concen: 20.632 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

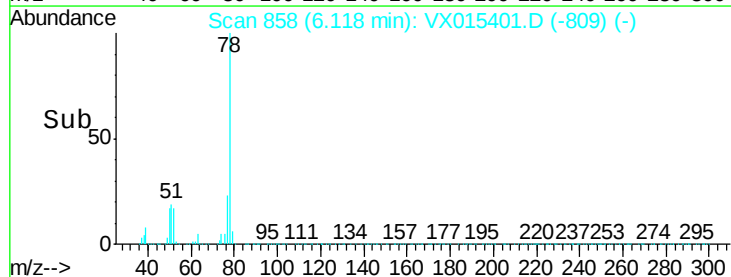
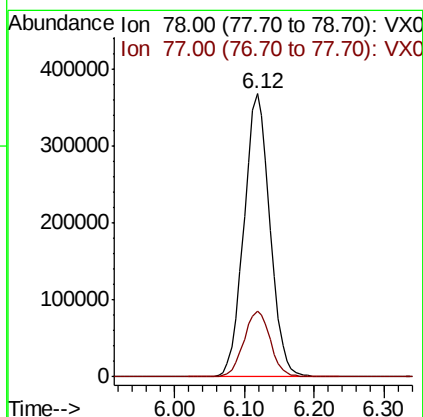
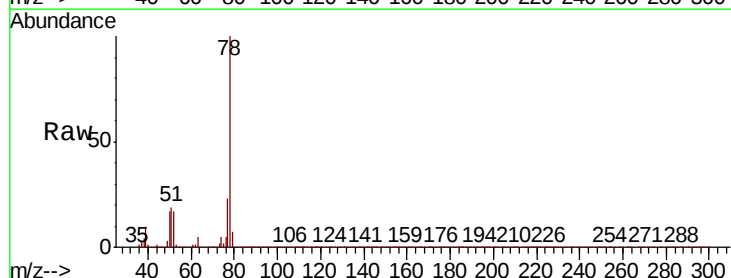
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

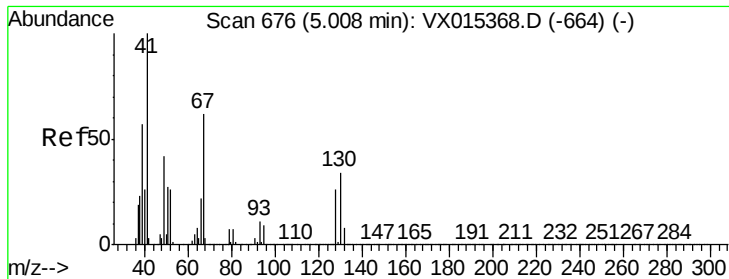
Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	67.8	101.6
98	46.1	39.3	58.9



#40
Benzene
Concen: 20.552 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.8	29.8

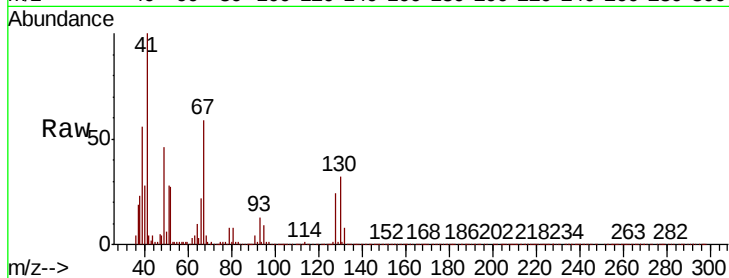




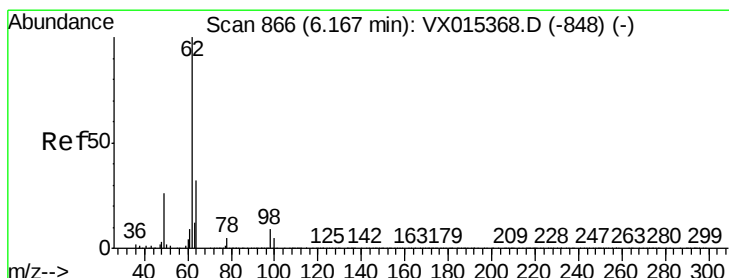
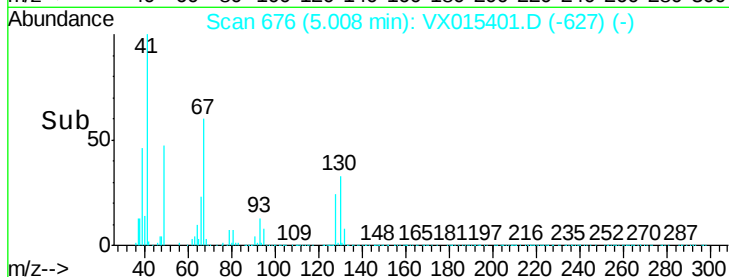
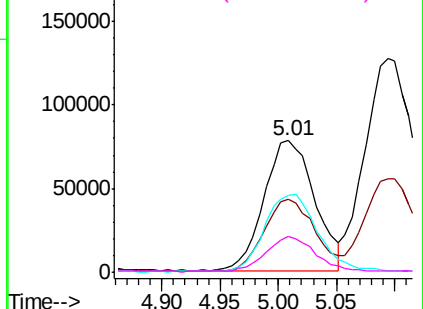
#41
Methacrylonitrile
Concen: 20.670 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

Tot Ion:	41	Resp:	234167
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.5	66.7
67	62.1	48.9	73.3
52	25.9	21.8	32.6

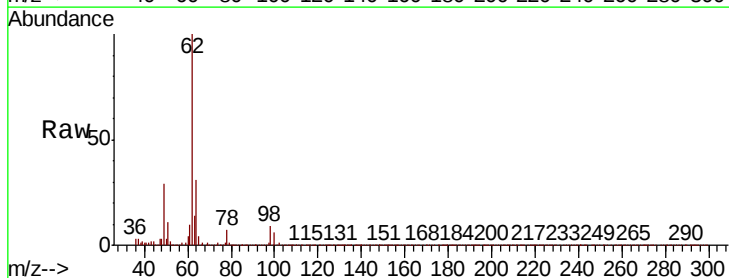


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

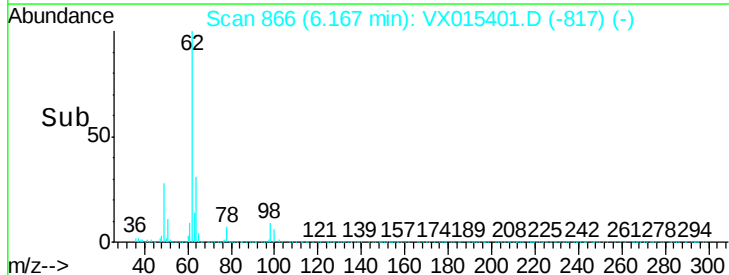
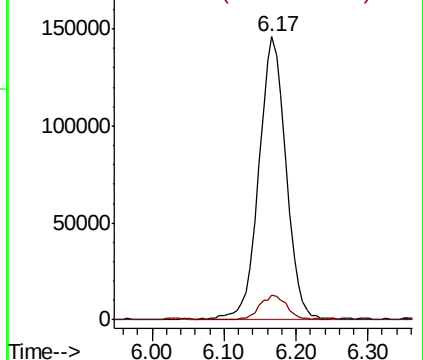


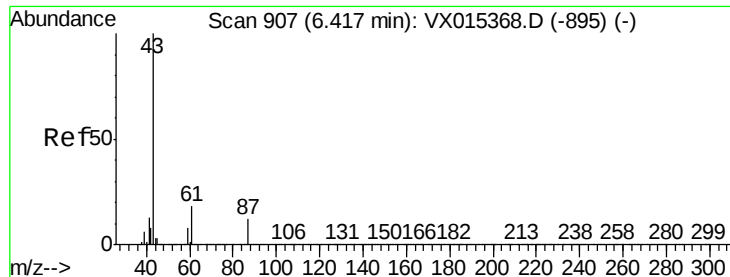
#42
1,2-Dichloroethane
Concen: 20.862 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion:	62	Resp:	384725
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6



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



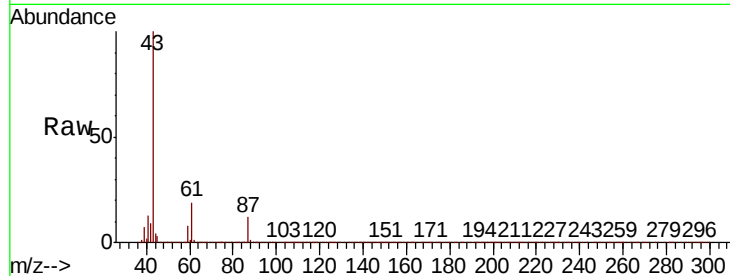


#43

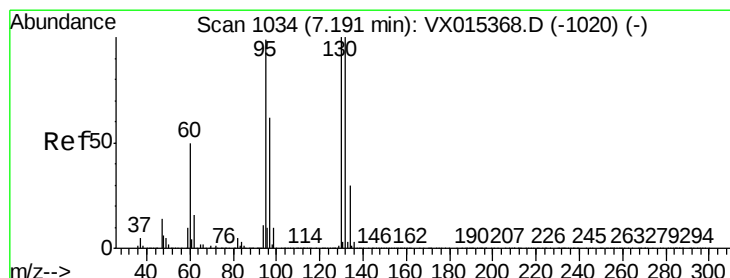
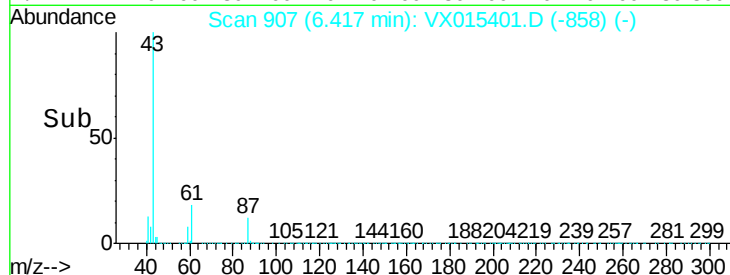
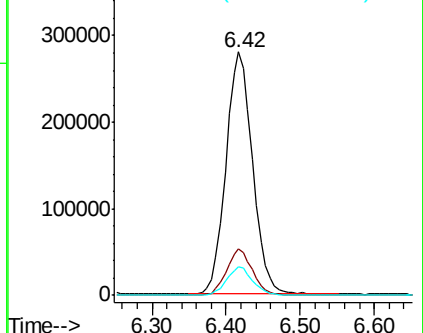
Isopropyl Acetate
 Concen: 20.281 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.8	22.2
87	11.3	9.4	14.0



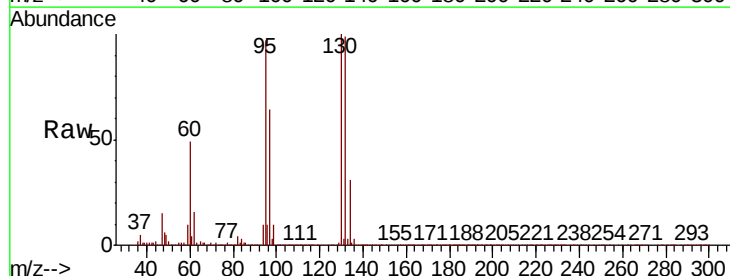
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



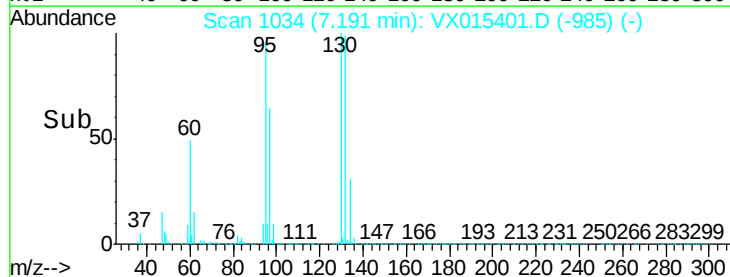
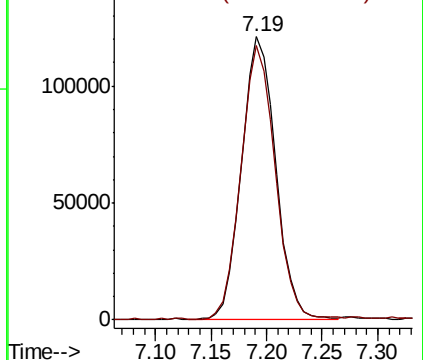
#44

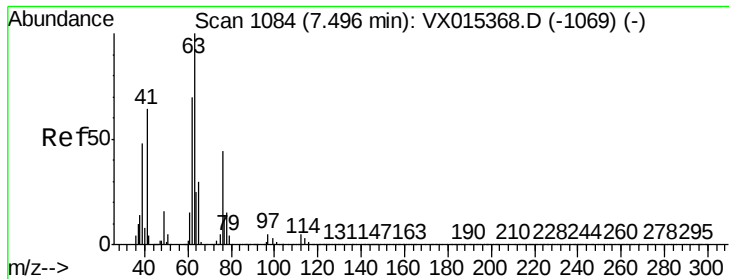
Trichloroethene
 Concen: 20.648 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.6	0.0	199.0



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

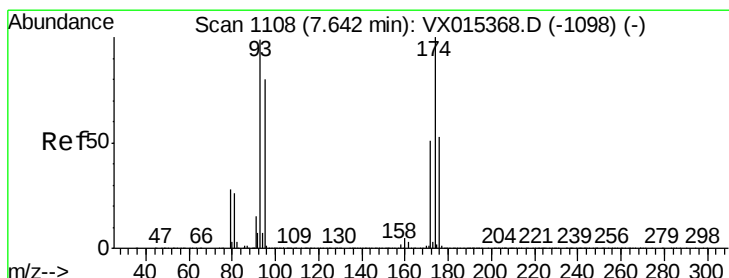
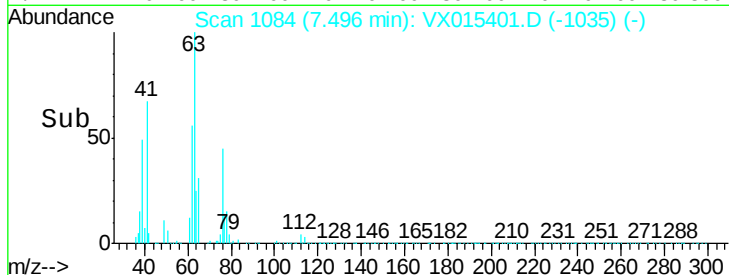
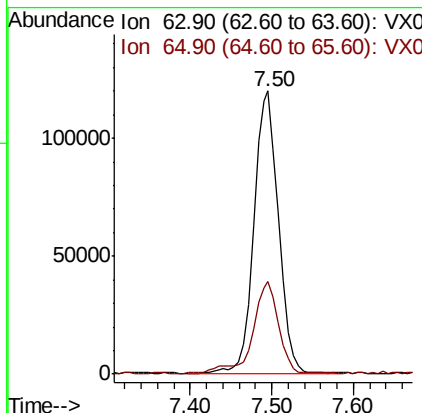
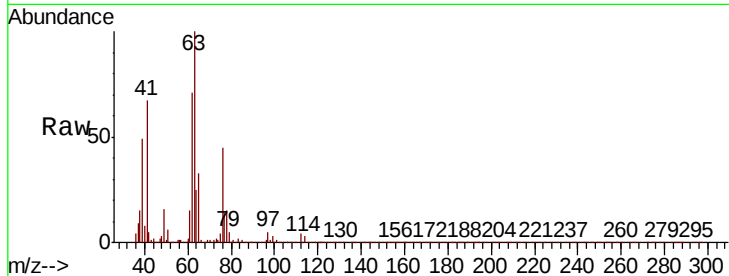




#45
 1,2-Dichloropropane
 Concen: 20.082 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

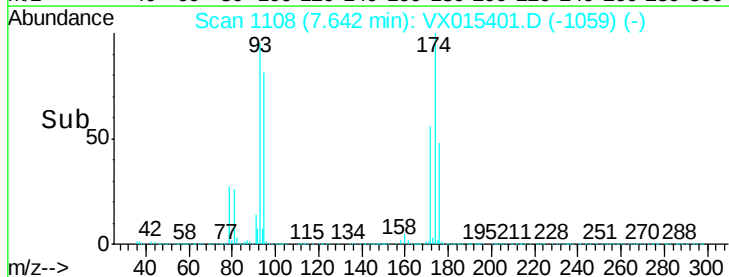
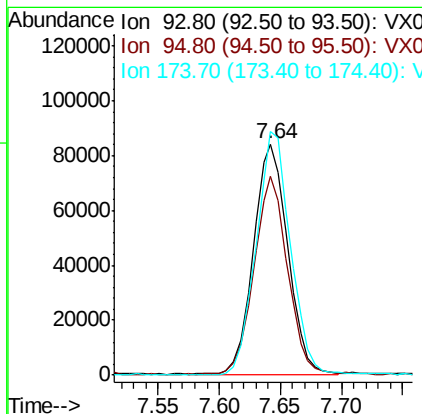
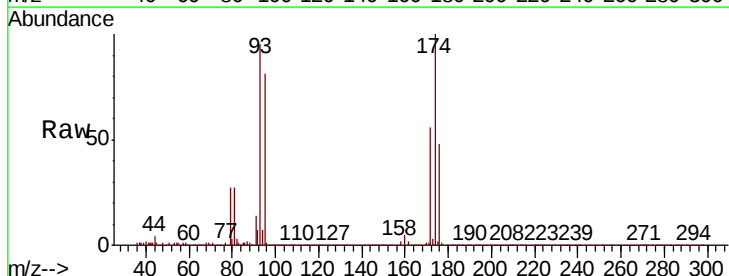
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD02

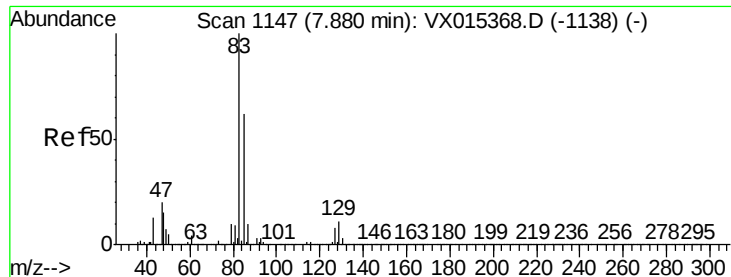
Tot Ion: 63 Resp: 252225
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.9 35.9



#46
 Dibromomethane
 Concen: 19.881 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

Tgt Ion: 93 Resp: 163795
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.8 98.8
 174 106.4 86.2 129.2





#47

Bromodichloromethane

Concen: 20.083 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD02

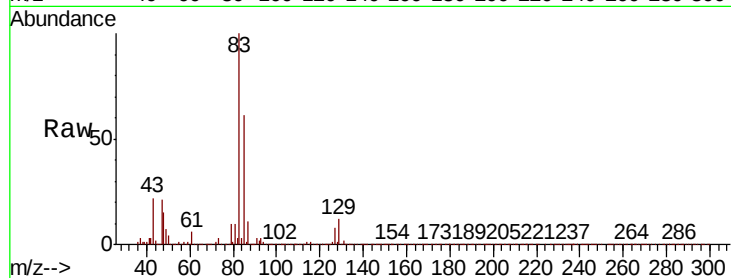
Tot Ion: 83 Resp: 352565

Ion Ratio Lower Upper

83 100

85 61.1 49.7 74.5

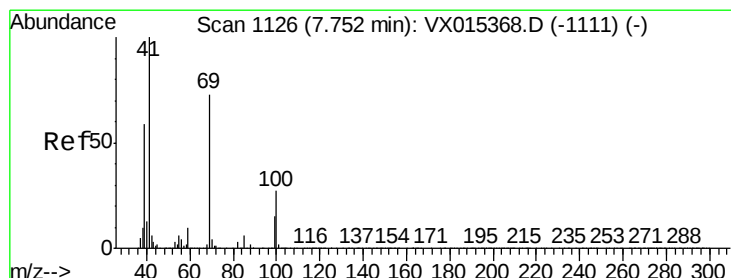
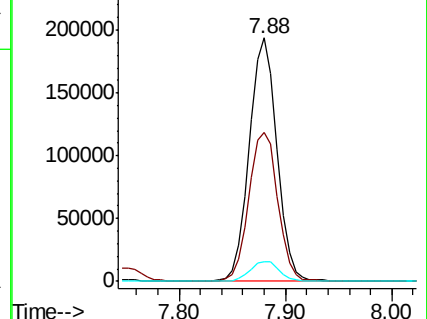
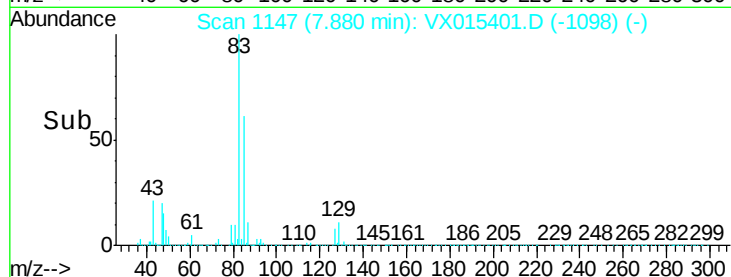
127 8.0 6.7 10.1



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: 20.395 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

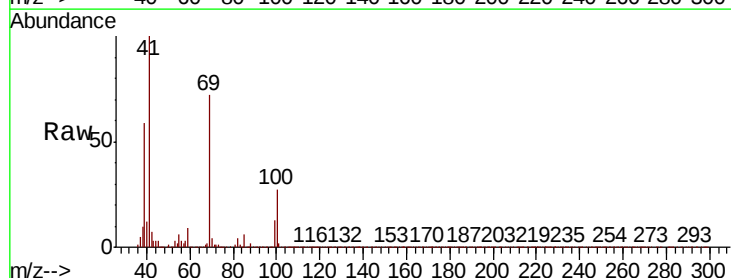
Tgt Ion: 41 Resp: 350951

Ion Ratio Lower Upper

41 100

69 70.4 56.7 85.1

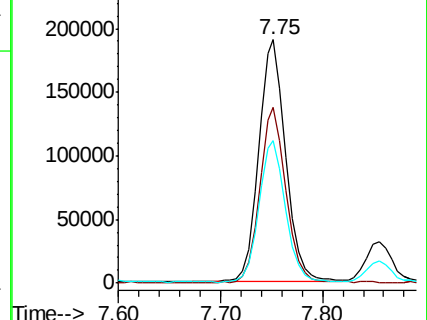
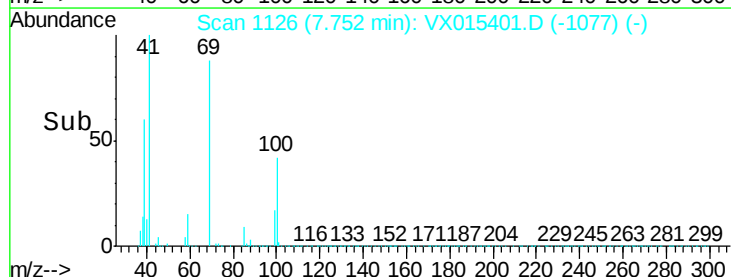
39 57.7 46.5 69.7

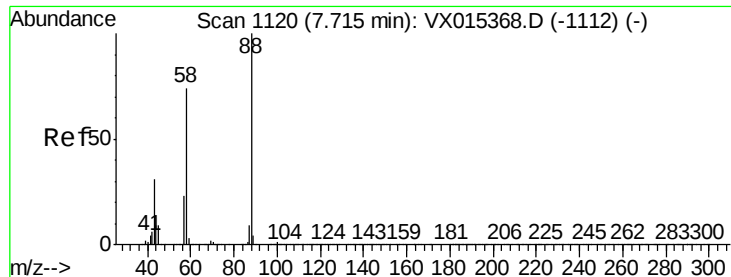


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

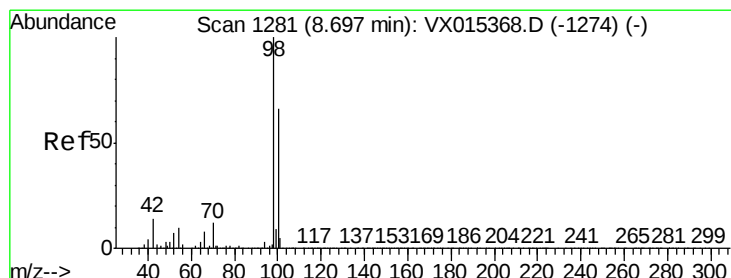
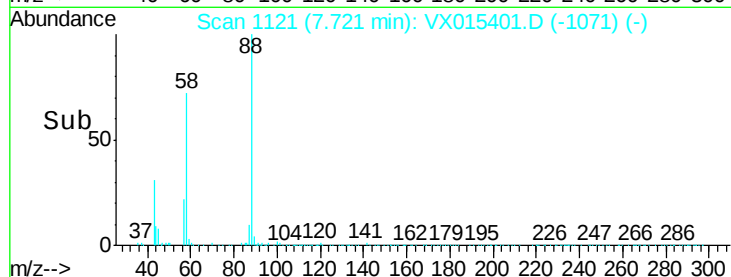
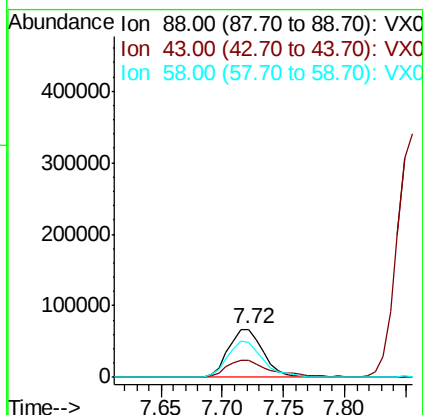
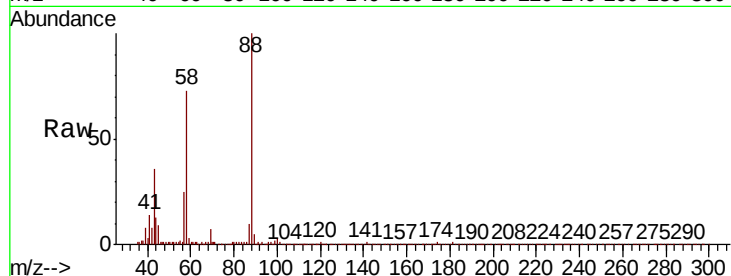




#49
1,4-Dioxane
Concen: 410.179 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

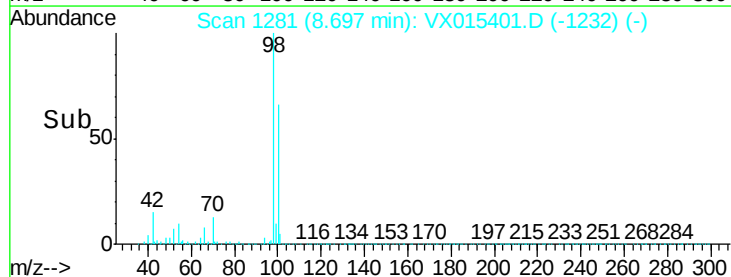
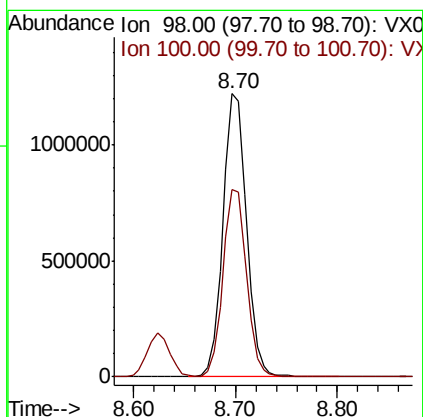
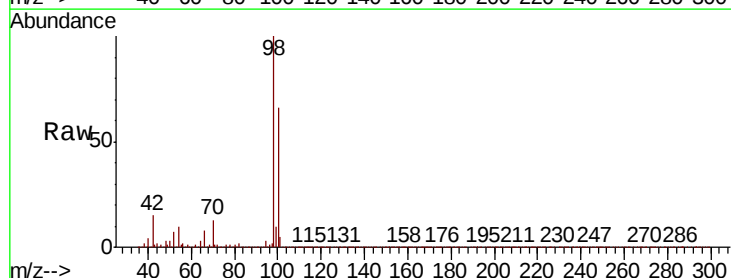
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

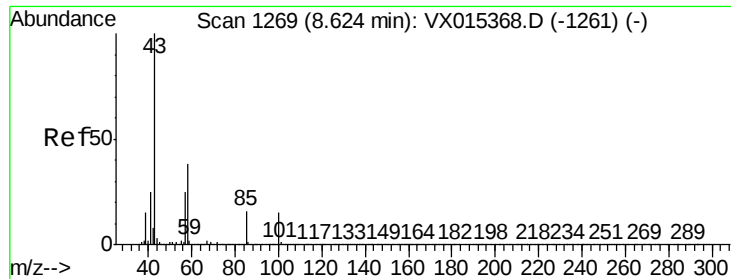
Tot Ion: 88 Resp: 131671
Ion Ratio Lower Upper
88 100
43 42.4 30.1 45.1
58 76.4 60.6 90.8



#50
Toluene-d8
Concen: 48.795 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion: 98 Resp: 1953464
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3

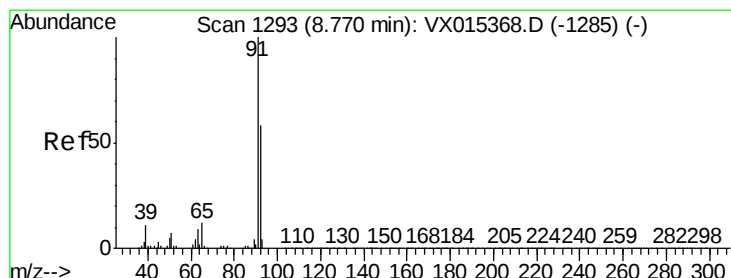
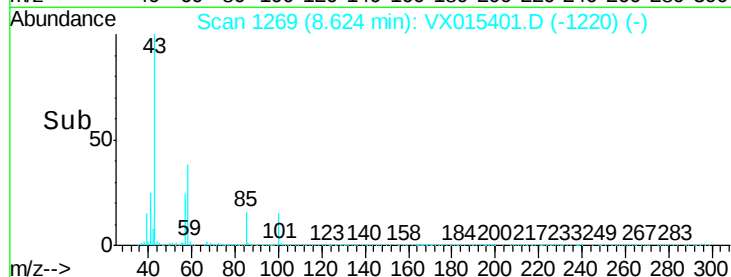
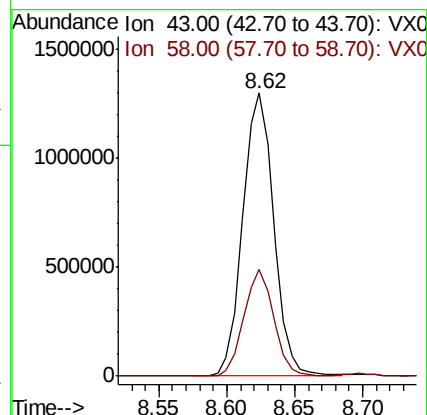
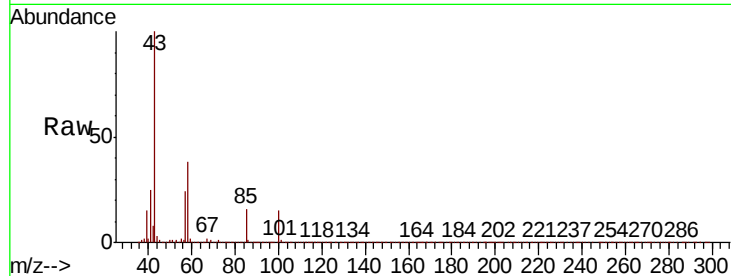




#51
4-Methyl-2-Pentanone
Concen: 105.644 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

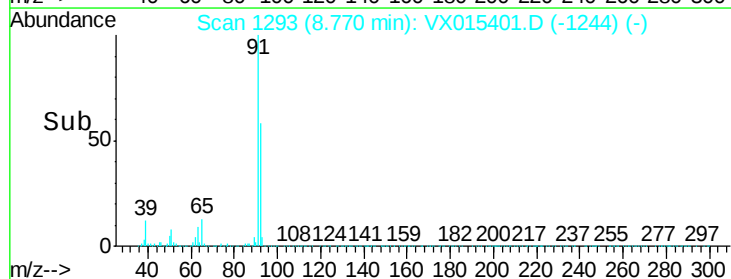
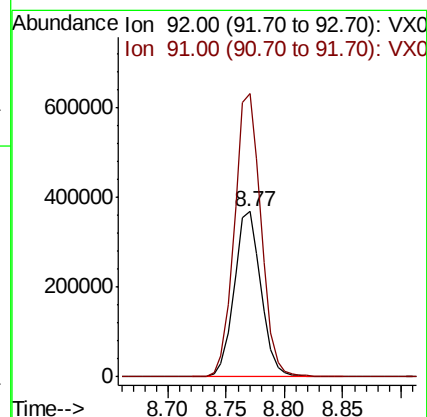
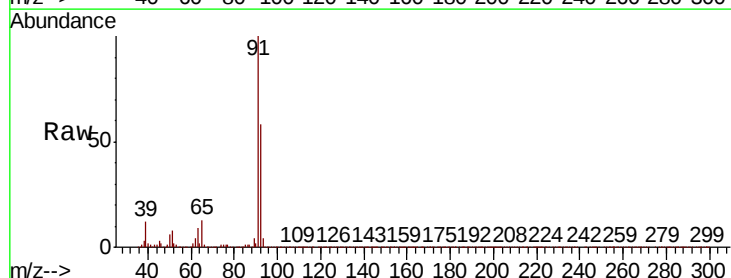
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

Tot Ion: 43 Resp: 2062580
Ion Ratio Lower Upper
43 100
58 36.3 29.7 44.5



#52
Toluene
Concen: 20.838 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion: 92 Resp: 589828
Ion Ratio Lower Upper
92 100
91 170.5 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.093 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

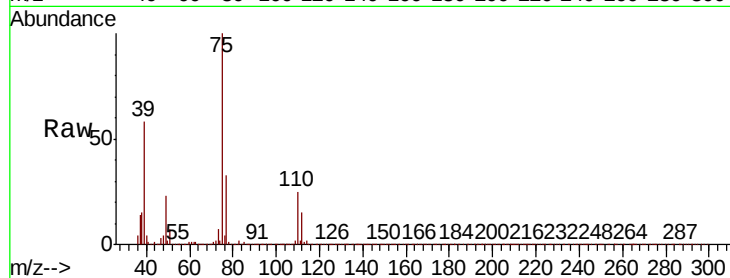
VX0327WBSD02

Tot Ion: 75 Resp: 393108

Ion Ratio Lower Upper

75 100

77 32.5 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

250000

200000

150000

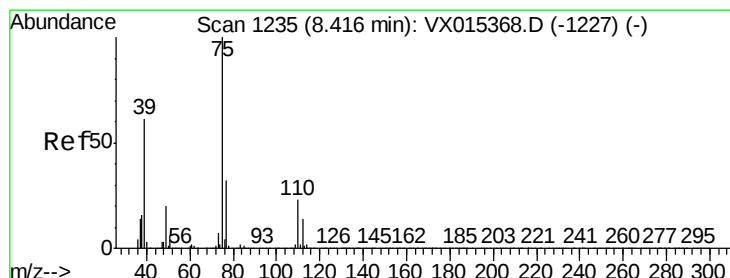
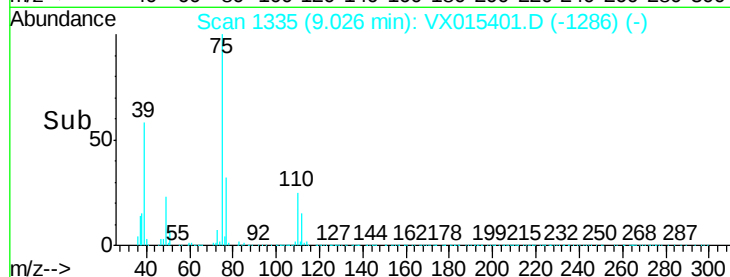
100000

50000

0

Time-->

9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 19.954 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

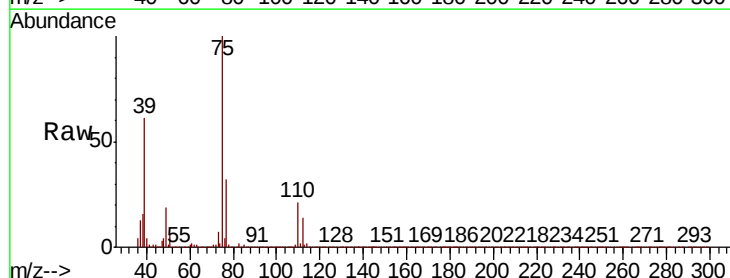
Tgt Ion: 75 Resp: 418511

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6

39 60.5 49.0 73.4



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

8.42

300000

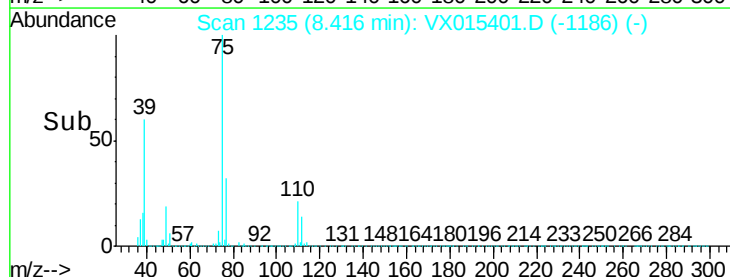
200000

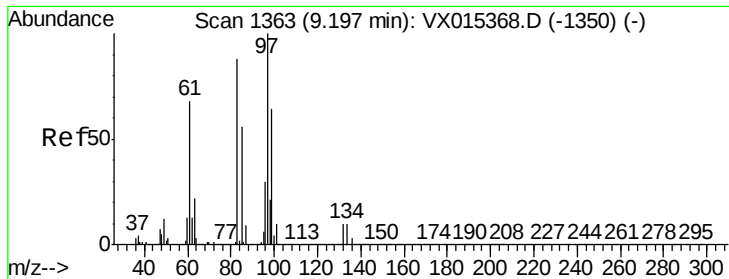
100000

0

Time-->

8.30 8.40 8.50

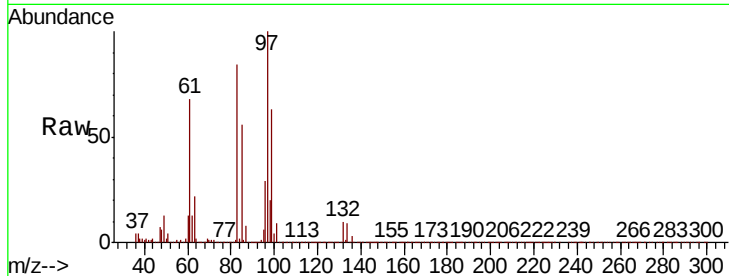




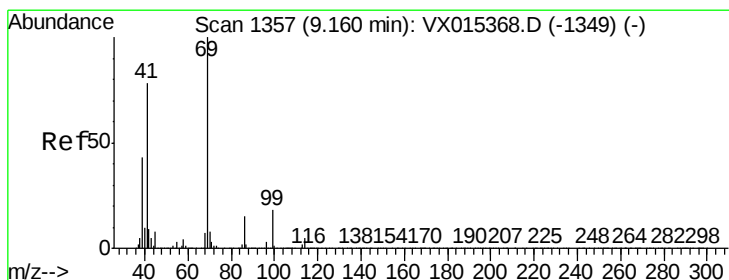
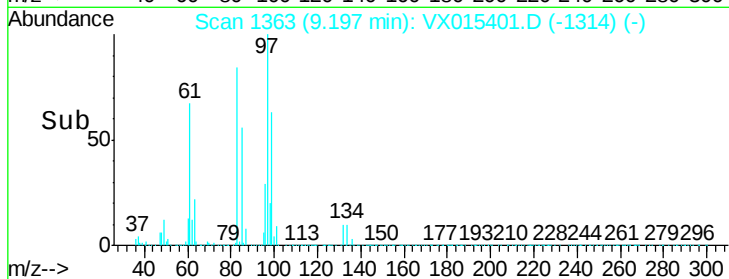
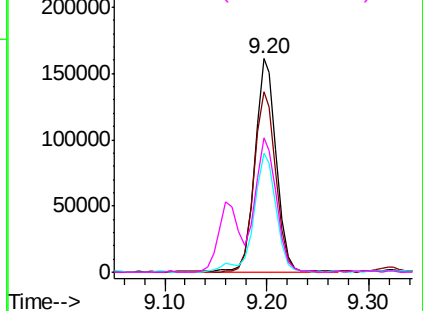
#55
 1,1,2-Trichloroethane
 Concen: 20.355 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD02

Tot Ion:	97	Resp:	236058
Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.2	105.4
85	55.6	44.7	67.1
99	62.4	51.1	76.7

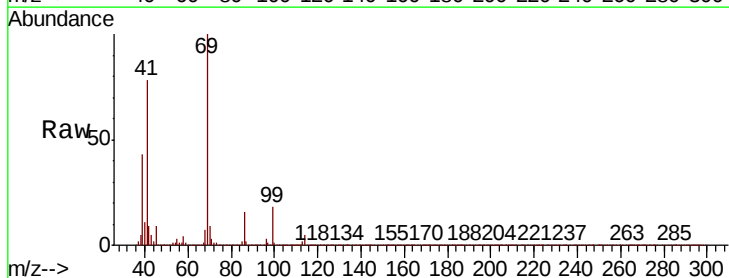


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

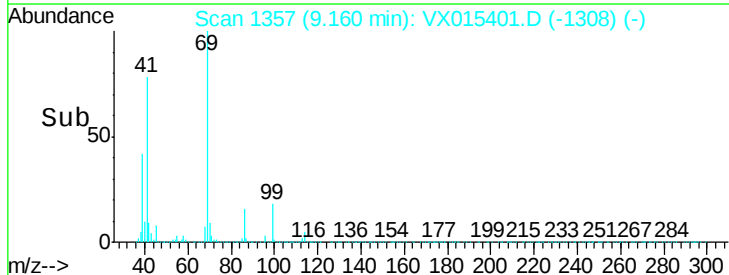
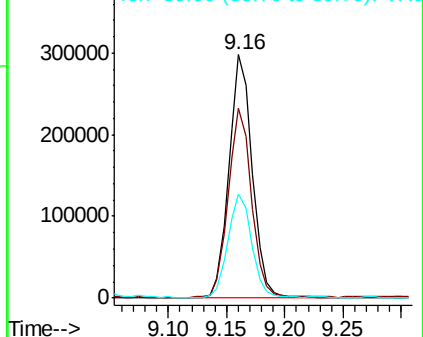


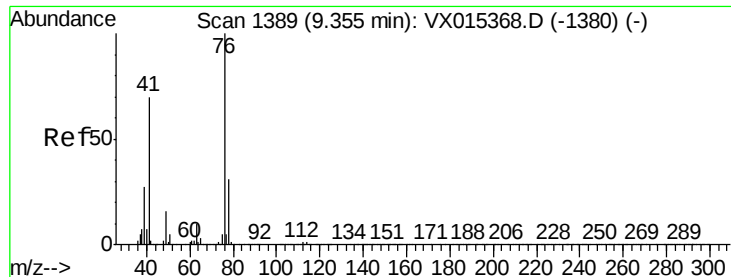
#56
 Ethyl methacrylate
 Concen: 20.157 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

Tgt Ion:	69	Resp:	411962
Ion	Ratio	Lower	Upper
69	100		
41	78.2	61.6	92.4
39	43.1	34.0	51.0



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: 20.016 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

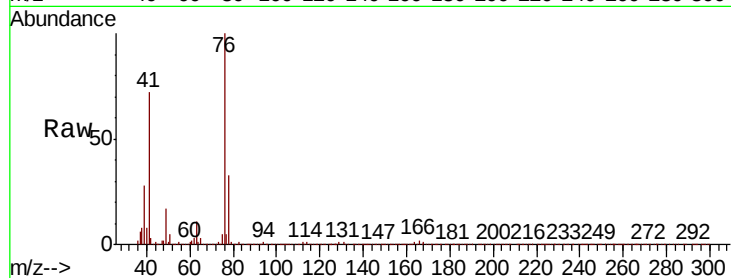
VX0327WBSD02

Tot Ion: 76 Resp: 418218

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

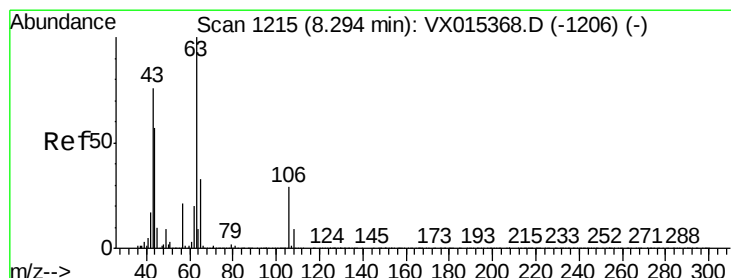
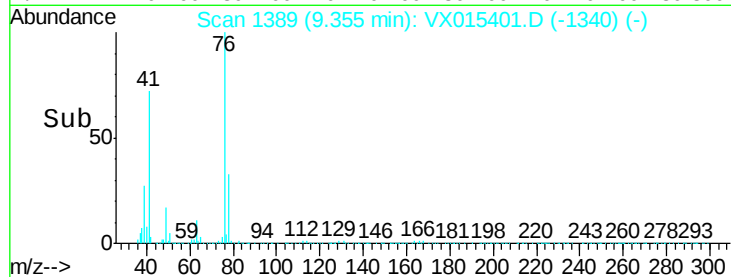
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 96.871 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015401.D

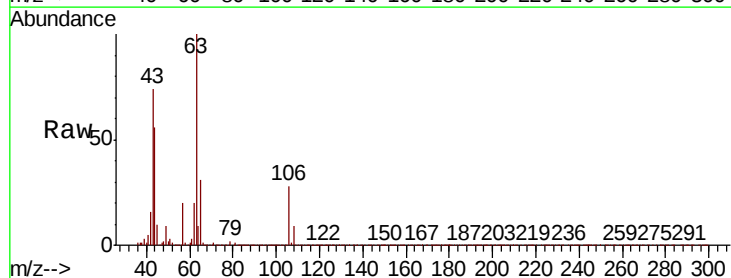
Acq: 28 Mar 2020 00:08

Tgt Ion: 63 Resp: 963015

Ion Ratio Lower Upper

63 100

106 27.7 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

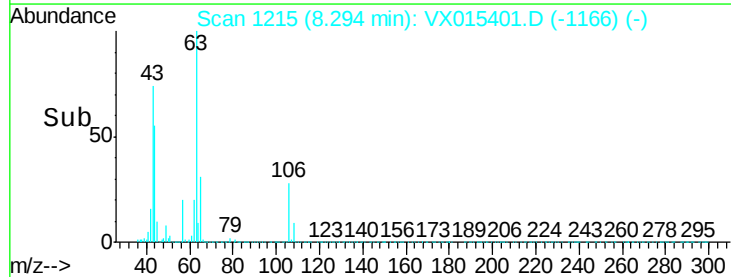
600000

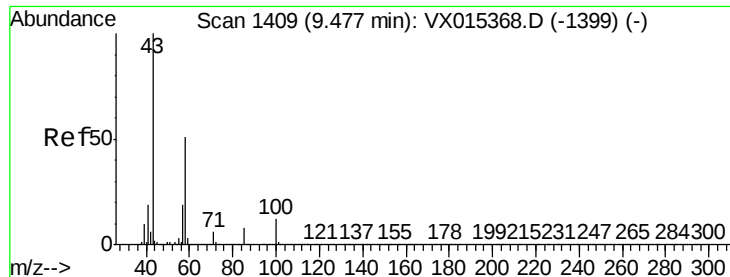
400000

200000

0

Time-->

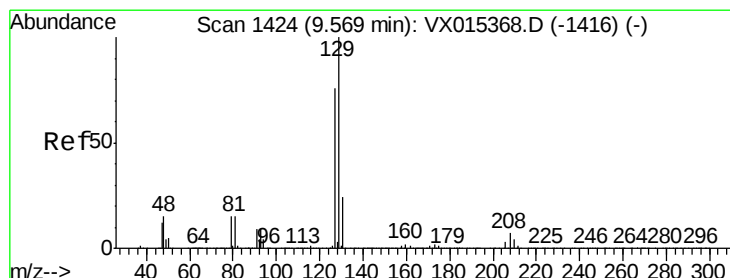
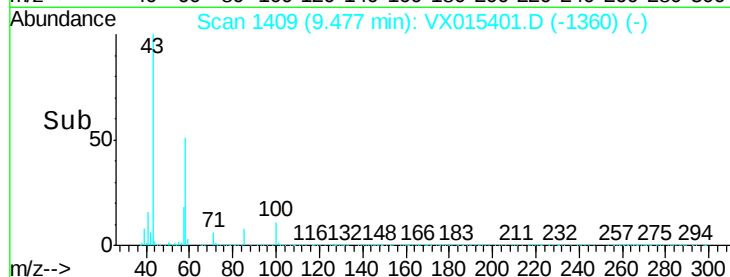
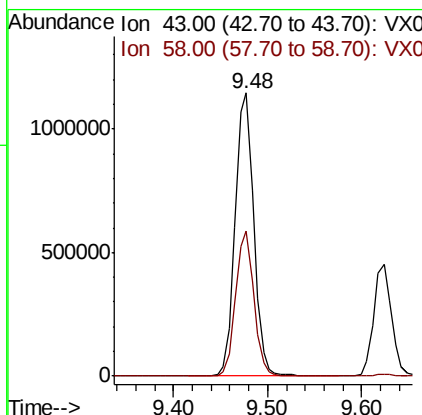
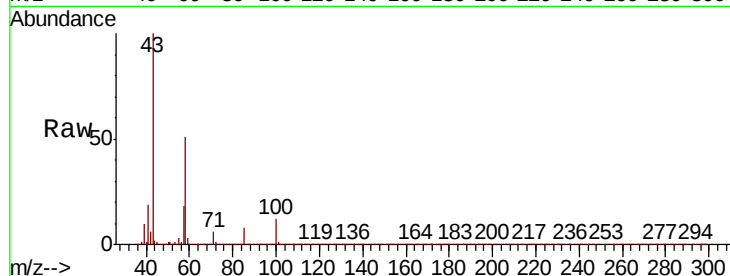




#59
2-Hexanone
Concen: 106.249 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

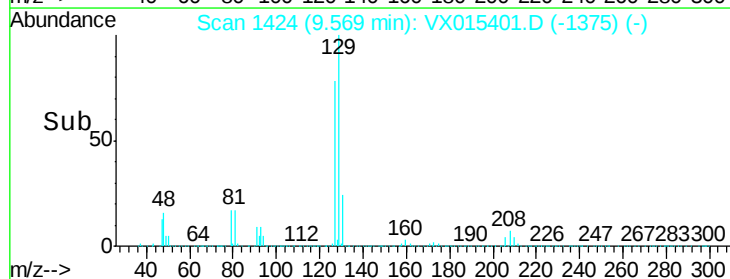
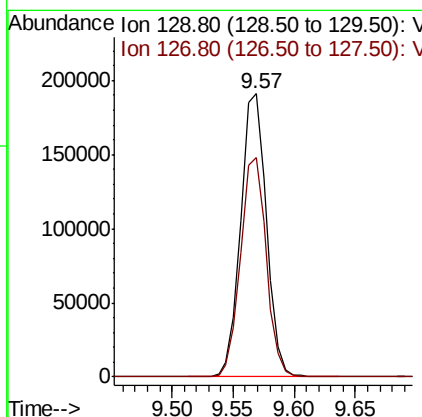
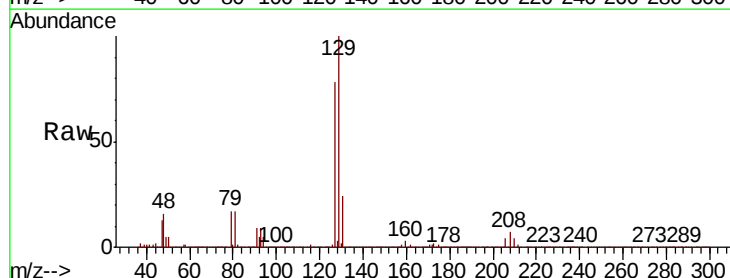
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

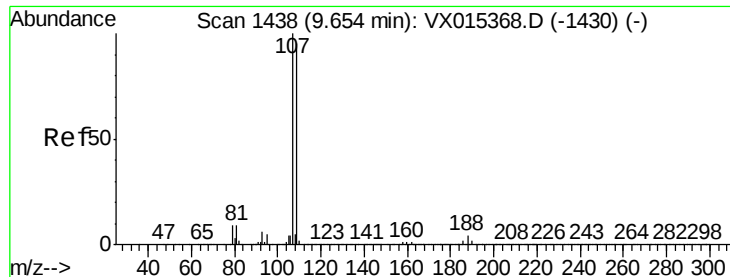
Tot Ion: 43 Resp: 1566123
Ion Ratio Lower Upper
43 100
58 50.2 25.6 76.6



#60
Dibromochloromethane
Concen: 19.985 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion: 129 Resp: 278493
Ion Ratio Lower Upper
129 100
127 77.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.133 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

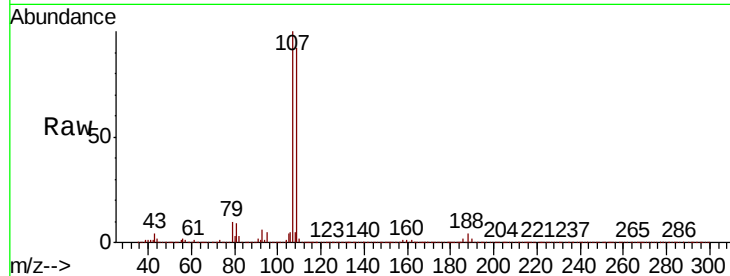
VX0327WBSD02

Tot Ion:107 Resp: 253877

Ion Ratio Lower Upper

107 100

109 94.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

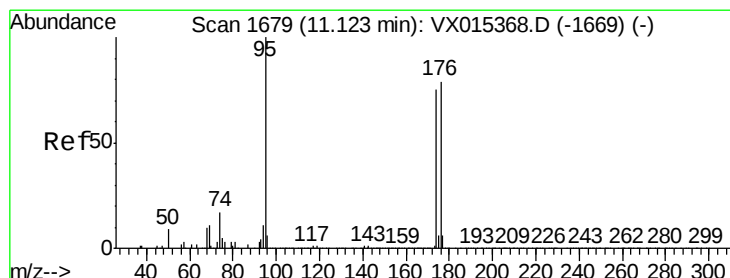
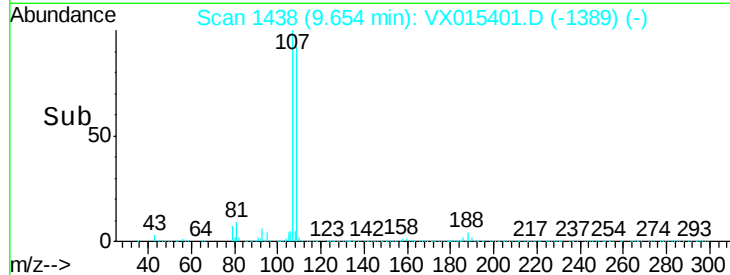
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.552 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

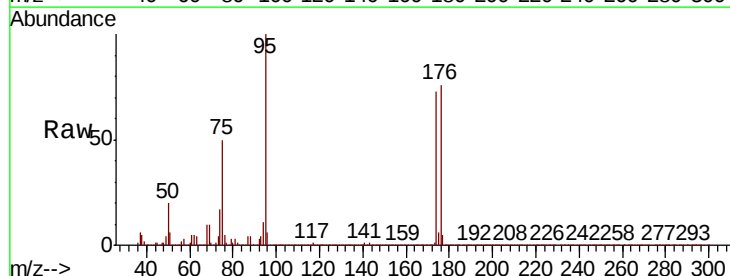
Tgt Ion: 95 Resp: 789933

Ion Ratio Lower Upper

95 100

174 77.4 0.0 158.6

176 77.5 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

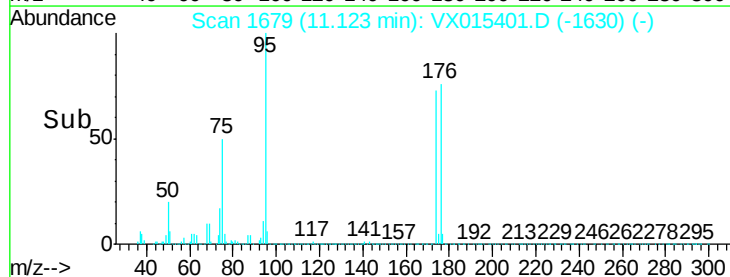
600000

400000

200000

0

Time-->

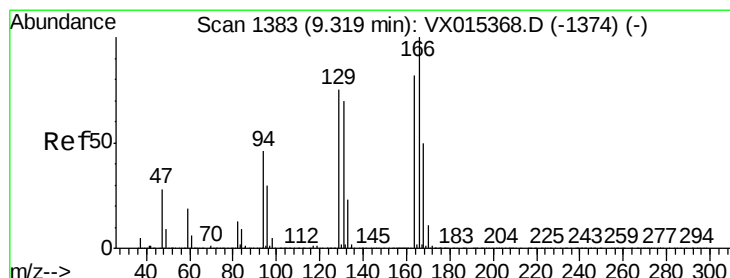
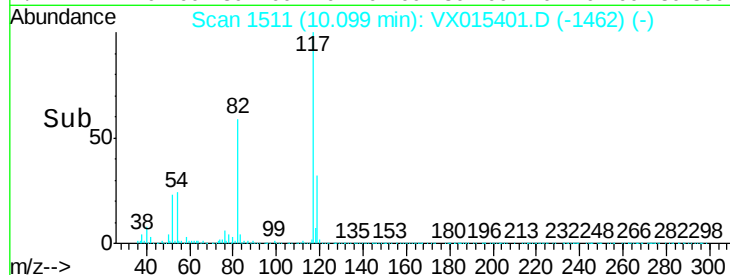
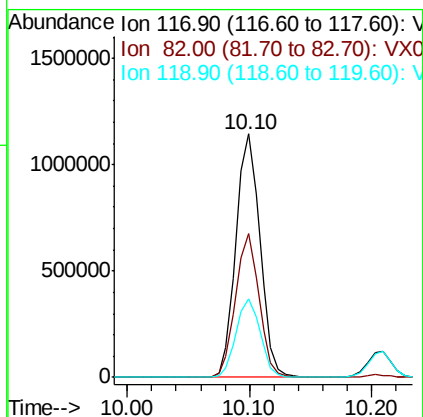
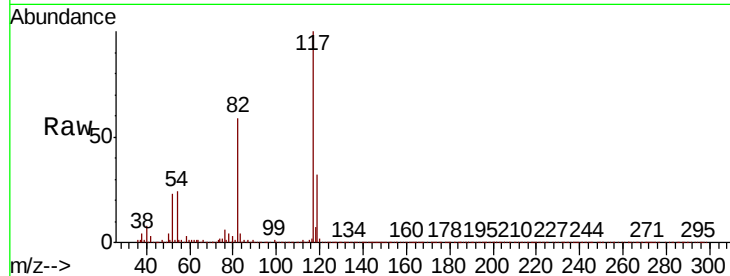




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

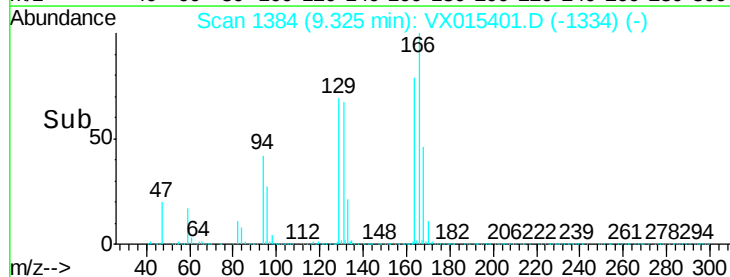
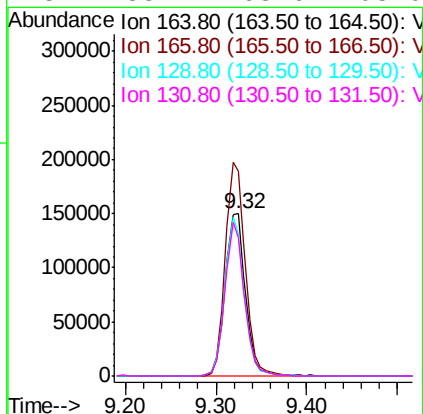
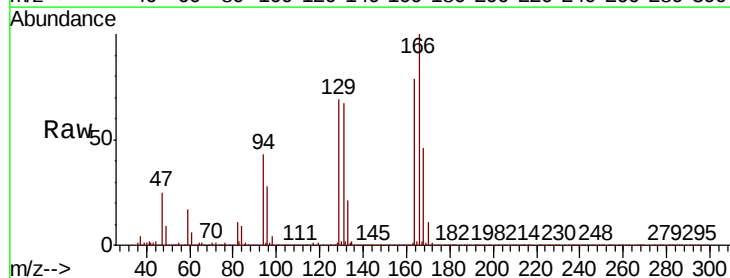
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

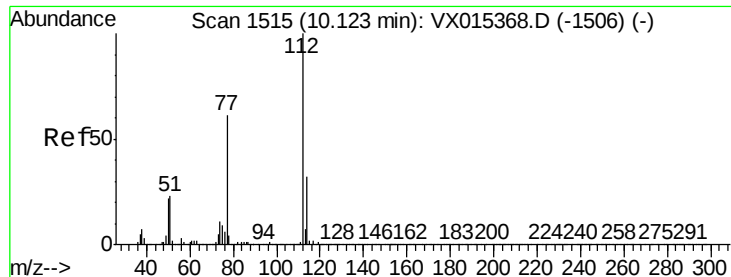
Tot Ion:117 Resp: 1550897
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 32.1 26.8 40.2



#64
Tetrachloroethene
Concen: 19.907 ug/l
RT: 9.32 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion:164 Resp: 233001
Ion Ratio Lower Upper
164 100
166 126.5 97.8 146.6
129 87.6 73.0 109.4
131 85.2 68.6 103.0





#65

Chlorobenzene

Concen: 20.329 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

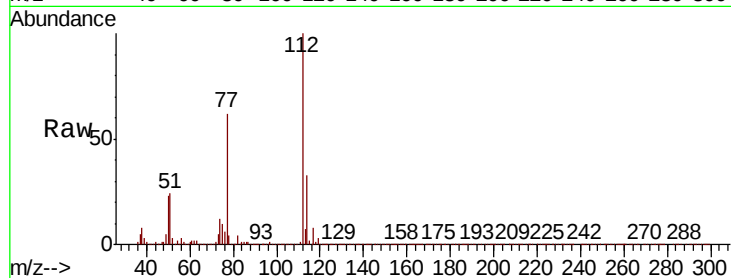
VX0327WBSD02

Tot Ion:112 Resp: 628767

Ion Ratio Lower Upper

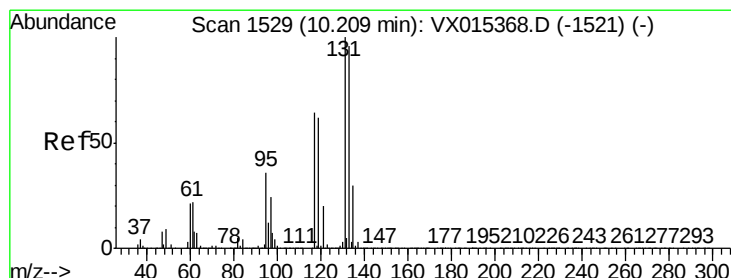
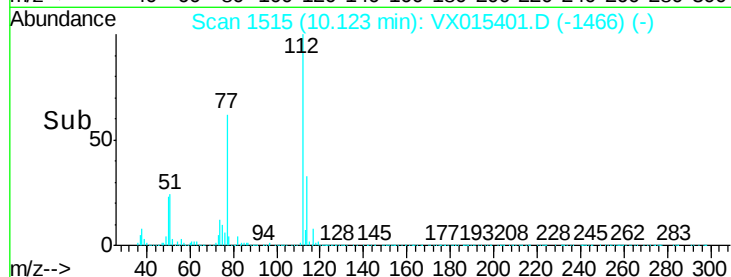
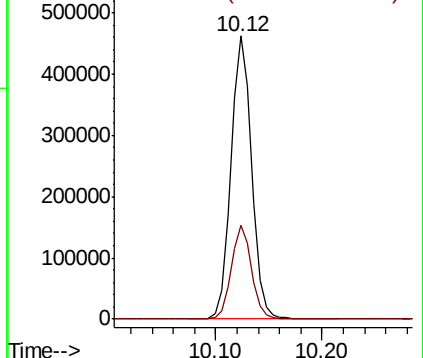
112 100

114 33.0 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.075 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

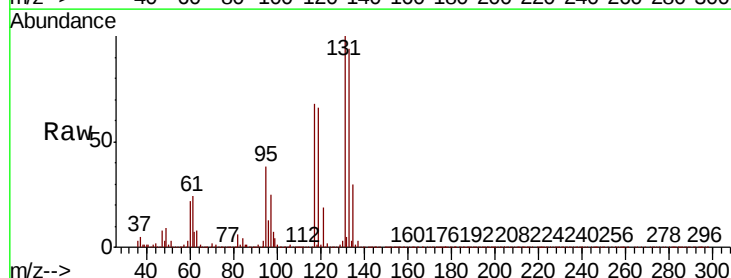
Tgt Ion:131 Resp: 248052

Ion Ratio Lower Upper

131 100

133 94.6 47.6 142.9

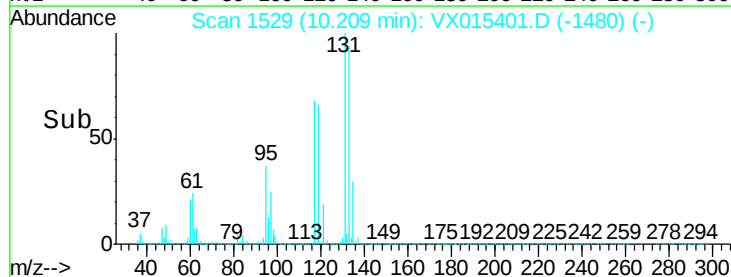
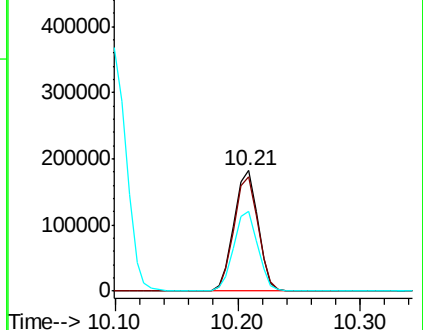
119 65.7 31.1 93.3

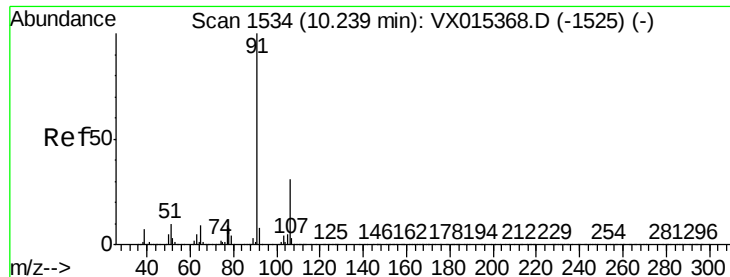


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.791 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

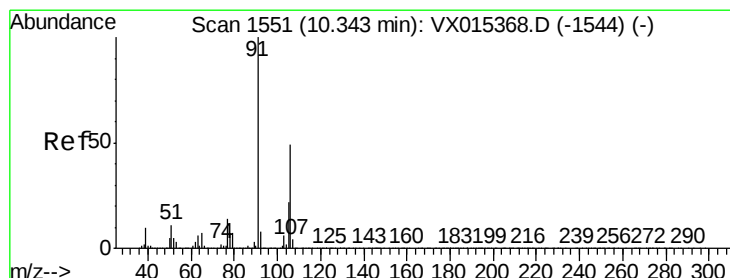
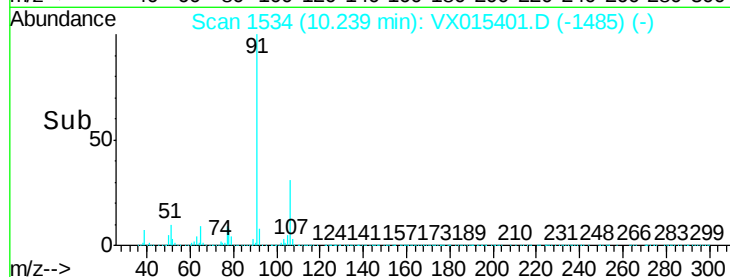
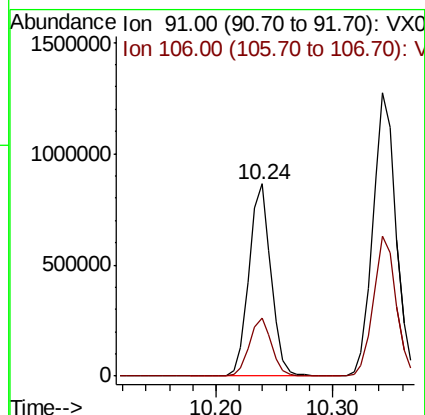
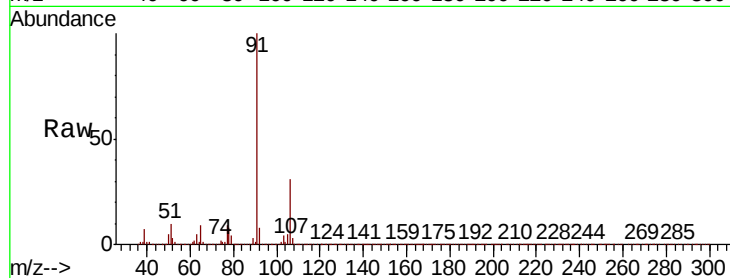
VX0327WBSD02

Tot Ion: 91 Resp: 1140492

Ion Ratio Lower Upper

91 100

106 30.5 24.8 37.2



#68

m/p-Xylenes

Concen: 41.973 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015401.D

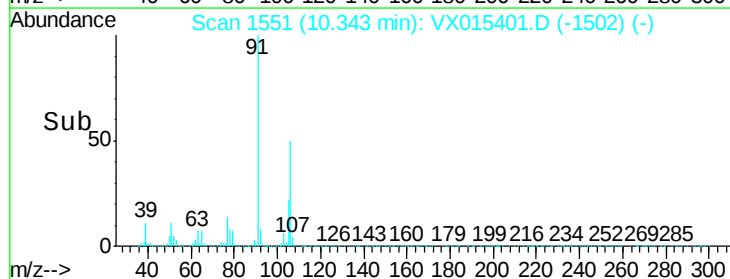
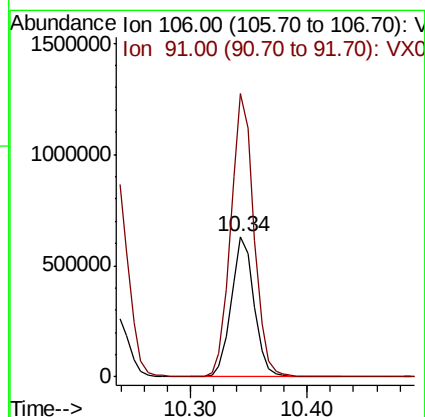
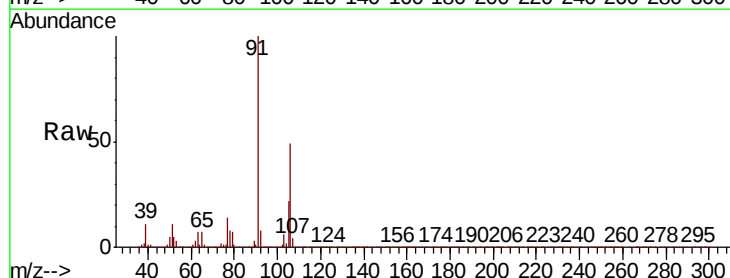
Acq: 28 Mar 2020 00:08

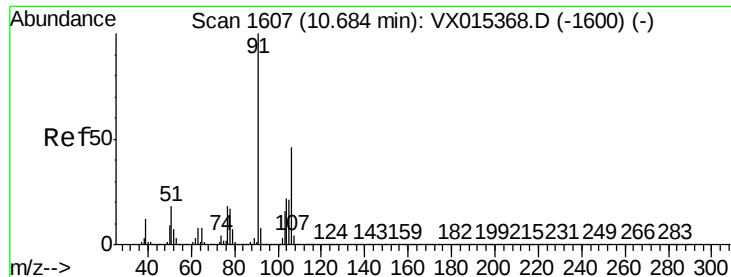
Tgt Ion: 106 Resp: 857370

Ion Ratio Lower Upper

106 100

91 204.0 163.4 245.0

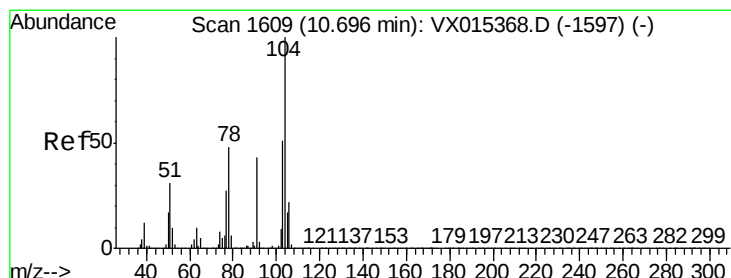
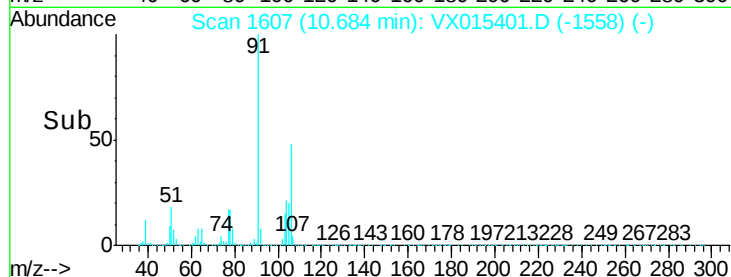
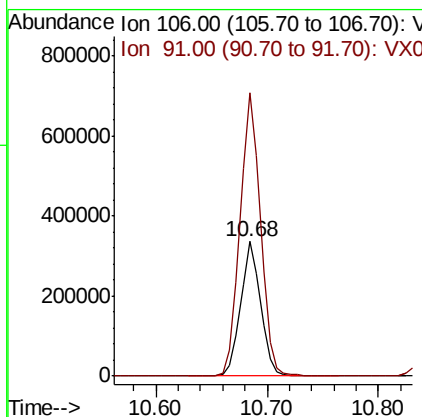
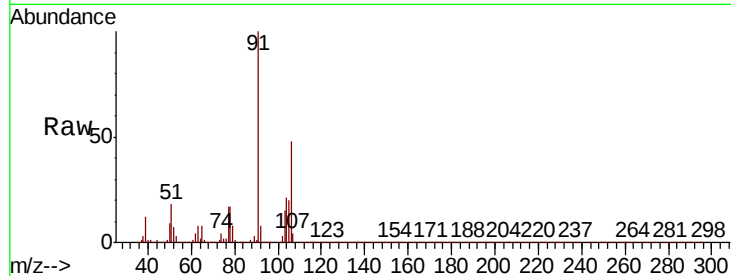




#69
o-Xylene
Concen: 20.702 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

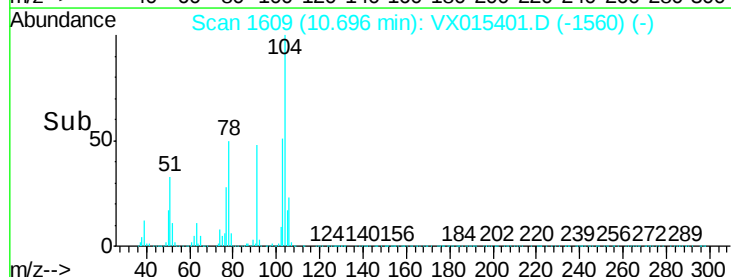
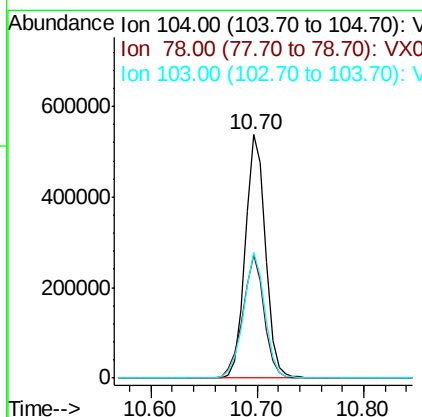
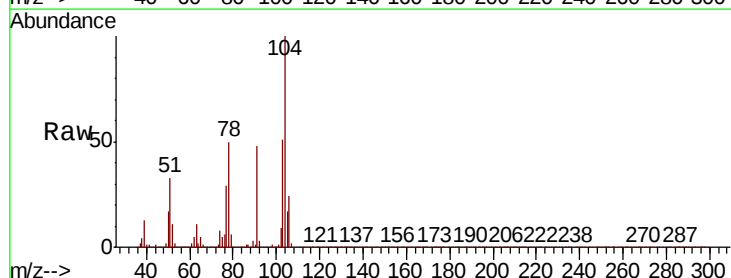
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

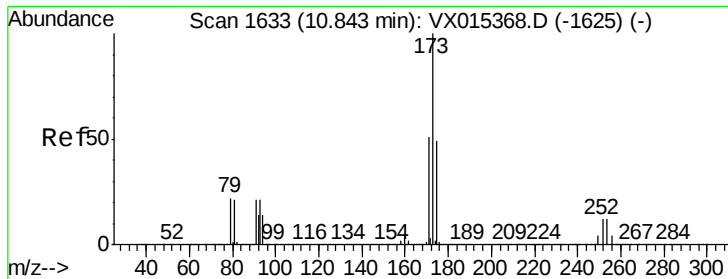
Tot Ion:106 Resp: 417879
Ion Ratio Lower Upper
106 100
91 215.9 107.1 321.3



#70
Styrene
Concen: 20.259 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion:104 Resp: 719590
Ion Ratio Lower Upper
104 100
78 53.7 42.0 63.0
103 54.4 43.4 65.0





#71

Bromoform

Concen: 19.547 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD02

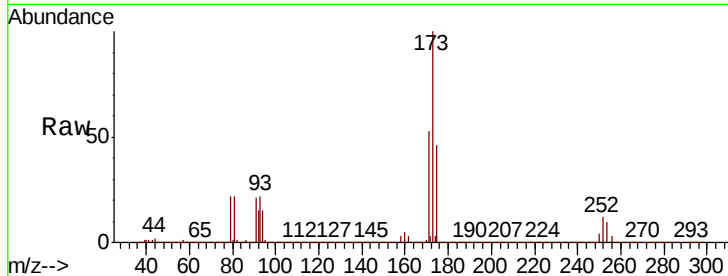
Tot Ion:173 Resp: 219875

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.7

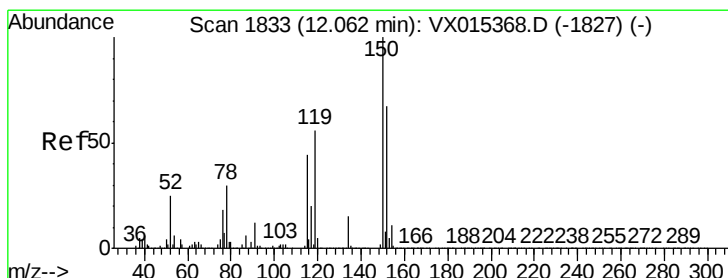
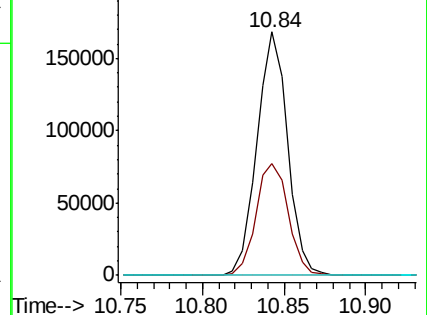
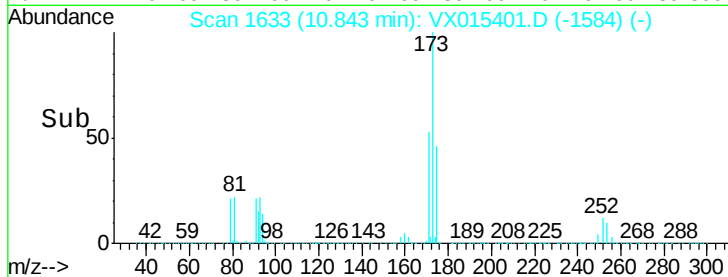
254 0.2 0.1 0.1#



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: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

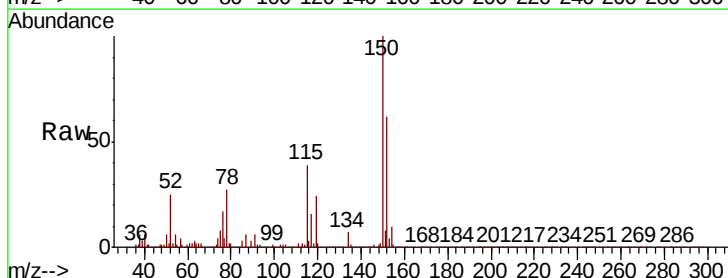
Tgt Ion:152 Resp: 797406

Ion Ratio Lower Upper

152 100

115 67.1 39.0 116.9

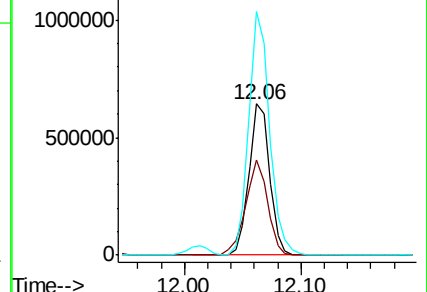
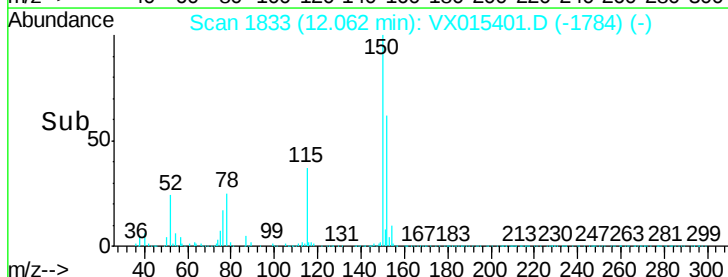
150 163.1 0.0 340.8

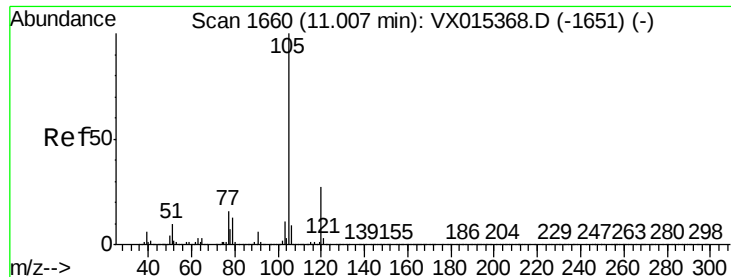


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.201 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

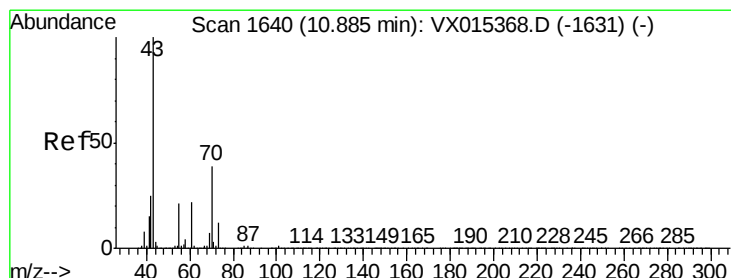
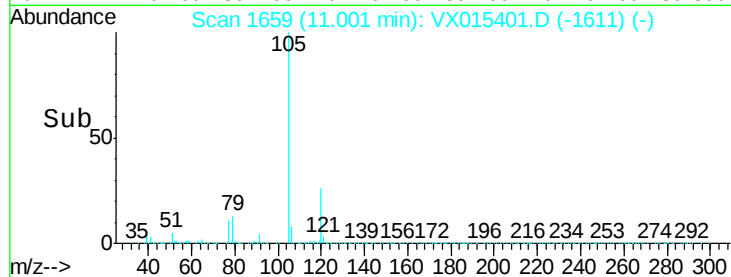
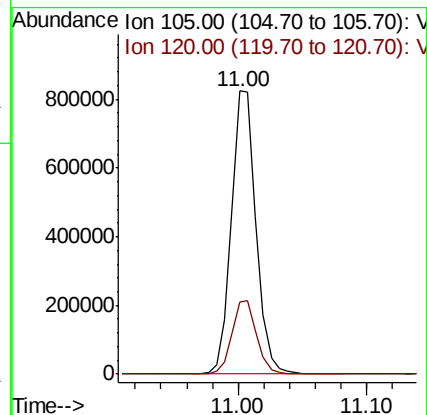
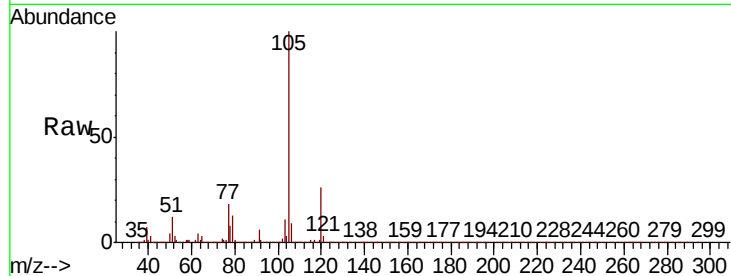
VX0327WBSD02

Tot Ion:105 Resp: 1107724

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 20.226 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Tgt Ion: 43 Resp: 587759

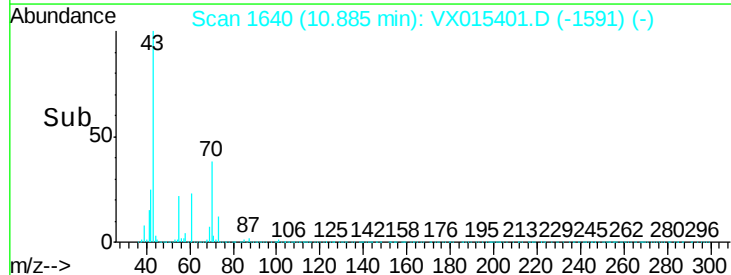
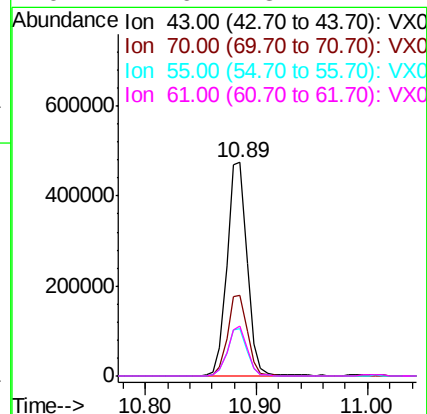
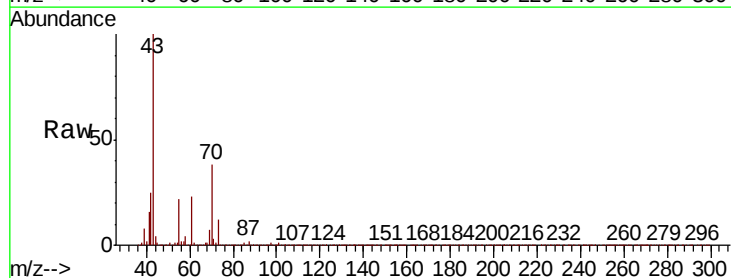
Ion Ratio Lower Upper

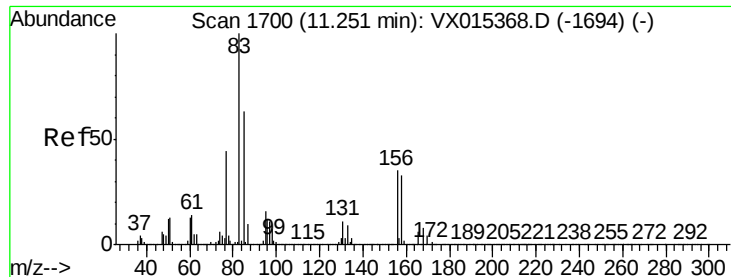
43 100

70 37.6 30.2 45.4

55 21.7 16.8 25.2

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.645 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD02

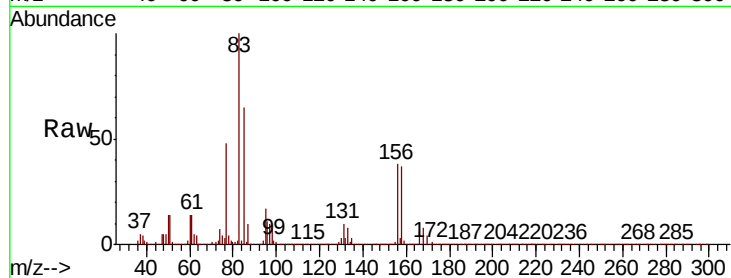
Tot Ion: 83 Resp: 370126

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

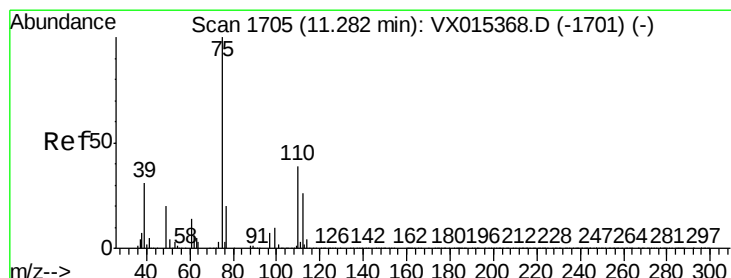
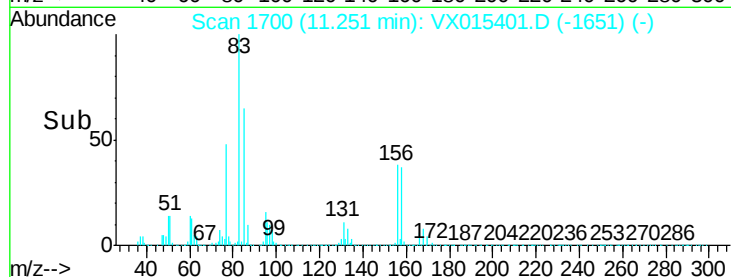
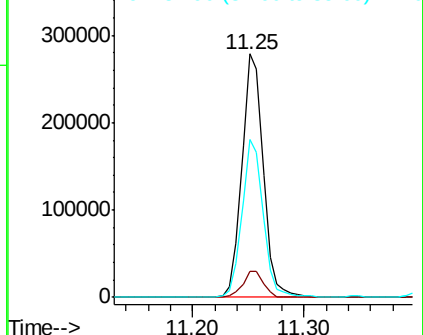
85 63.9 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.656 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015401.D

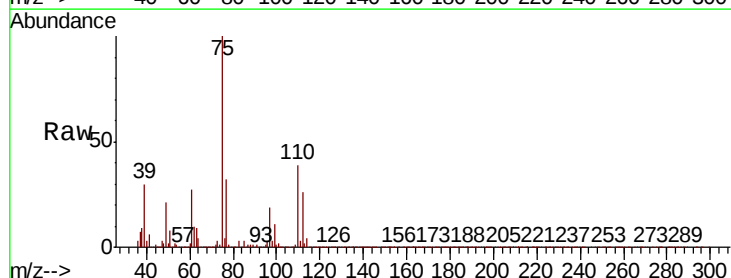
Acq: 28 Mar 2020 00:08

Tgt Ion: 75 Resp: 437099

Ion Ratio Lower Upper

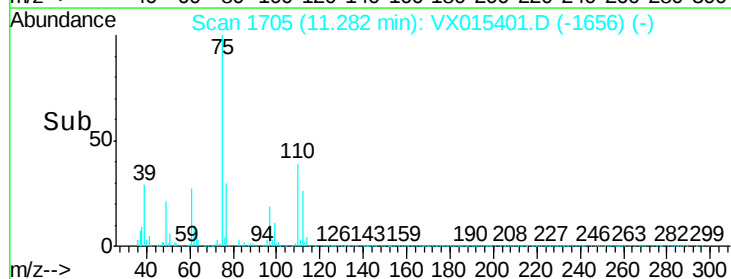
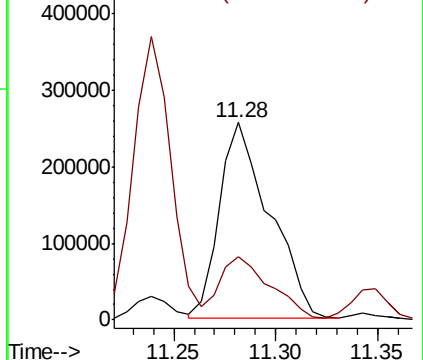
75 100

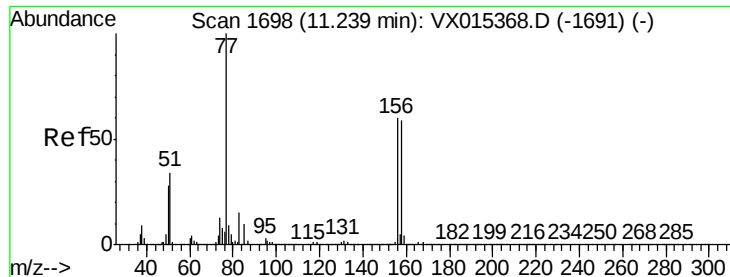
77 32.6 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.628 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD02

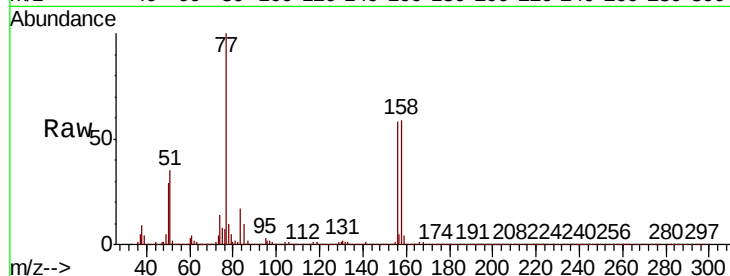
Tot Ion:156 Resp: 287484

Ion Ratio Lower Upper

156 100

77 165.4 82.2 246.5

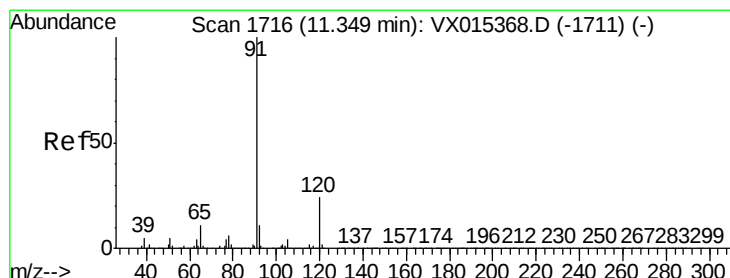
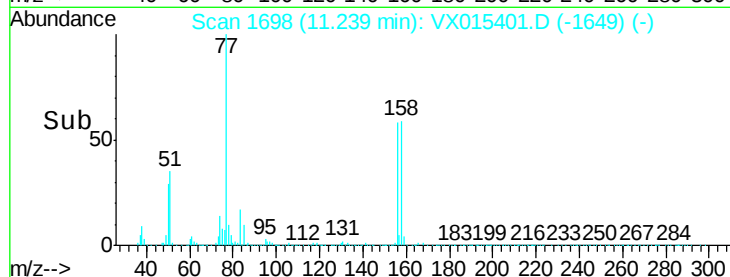
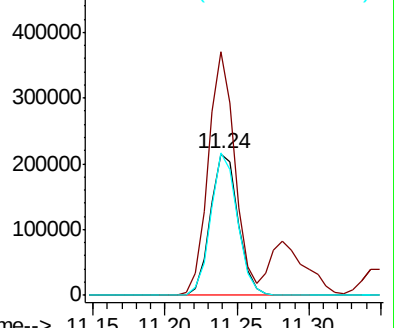
158 96.7 49.3 147.9



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: 21.408 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.00 min

Lab File: VX015401.D

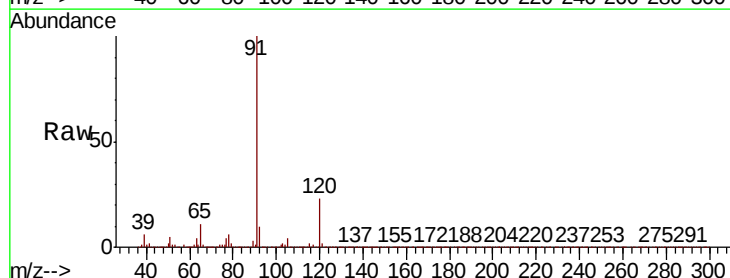
Acq: 28 Mar 2020 00:08

Tgt Ion: 91 Resp: 1279008

Ion Ratio Lower Upper

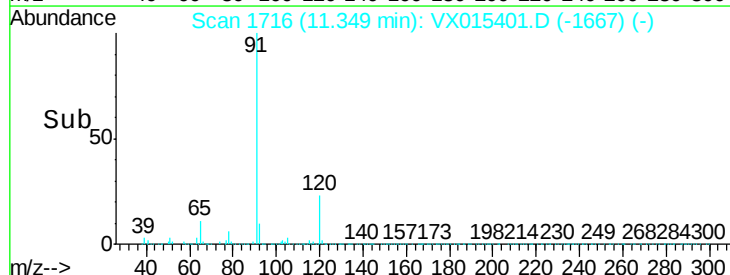
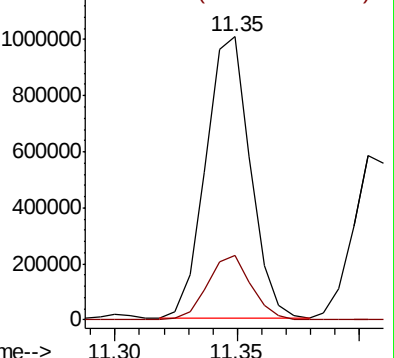
91 100

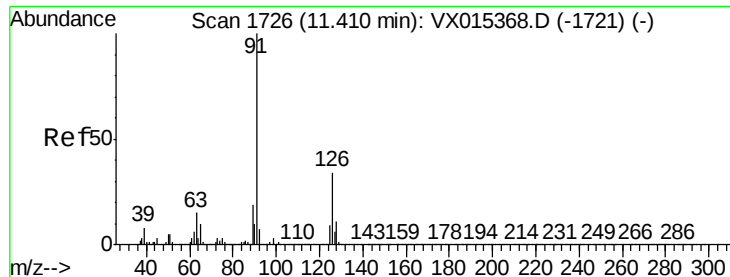
120 22.5 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

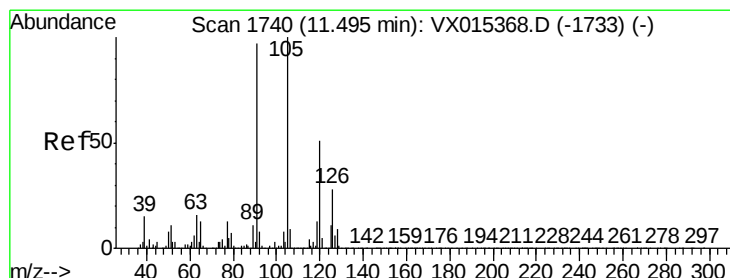
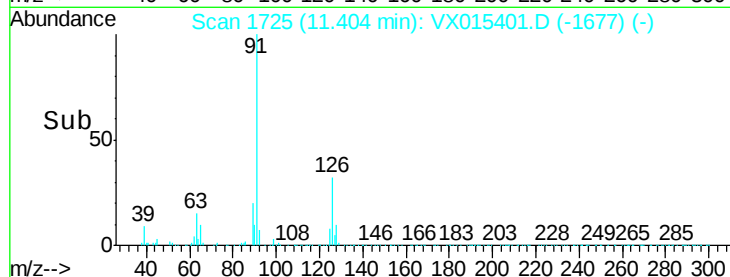
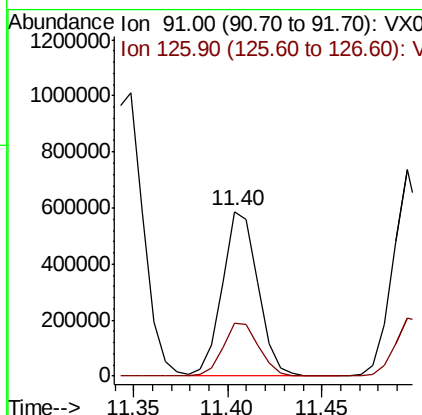
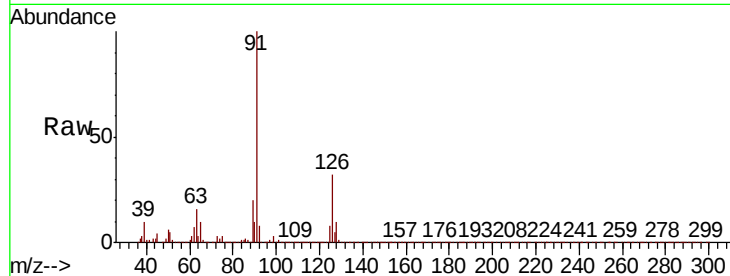




#79
2-Chlorotoluene
Concen: 20.861 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

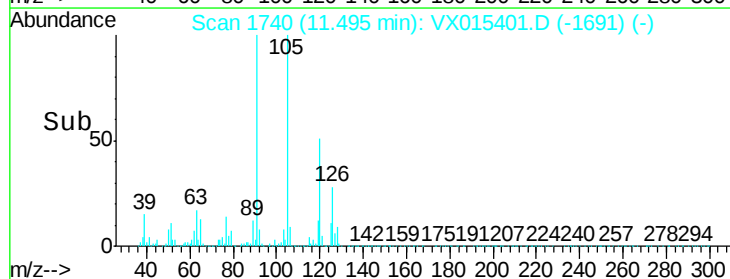
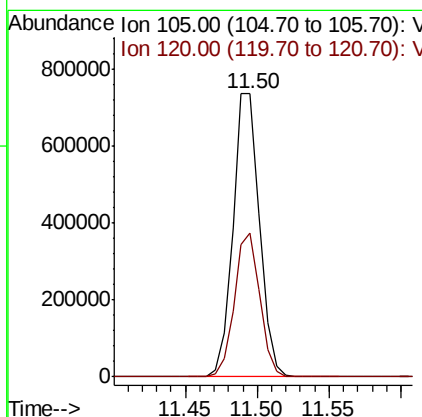
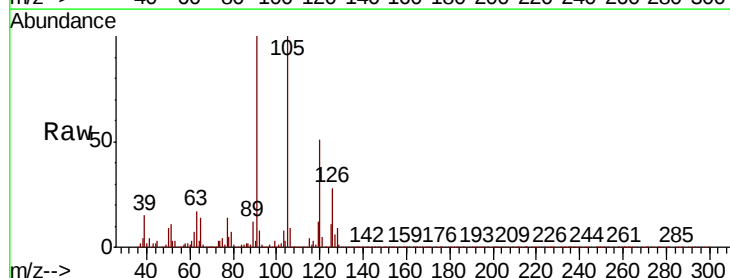
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

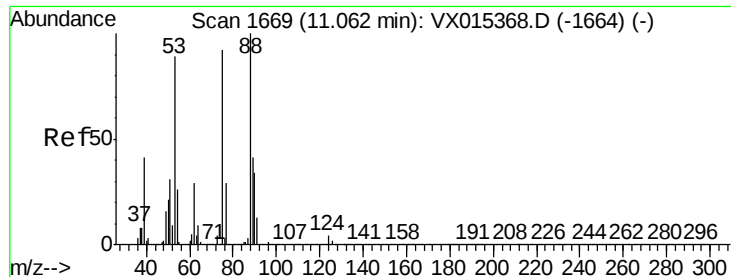
Tot Ion: 91 Resp: 763885
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 21.226 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion: 105 Resp: 947139
Ion Ratio Lower Upper
105 100
120 48.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.123 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD02

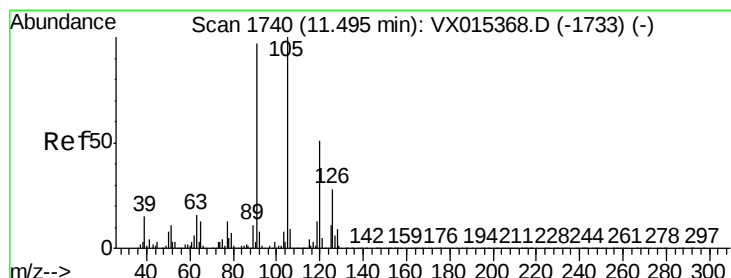
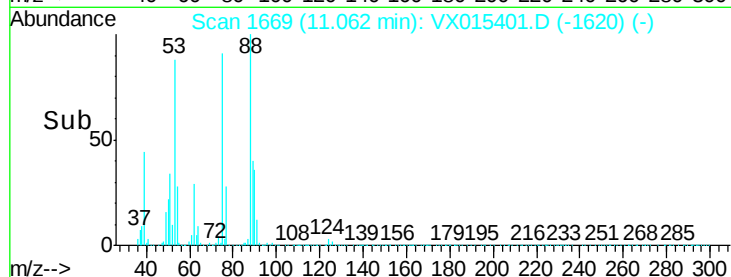
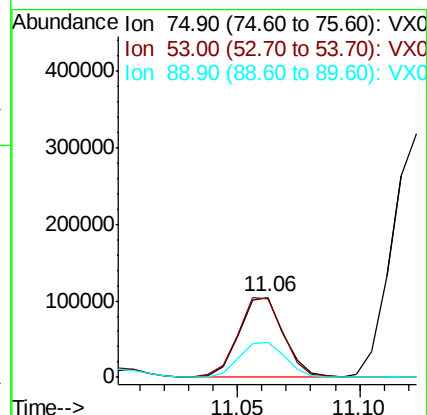
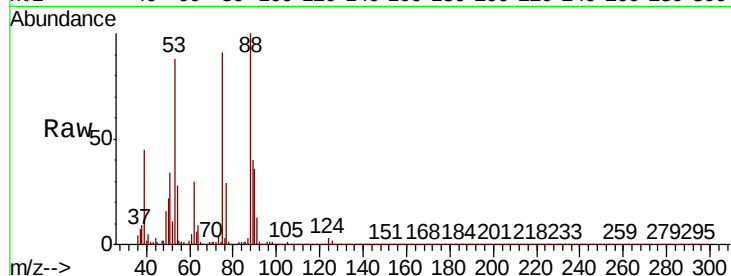
Tot Ion: 75 Resp: 130688

Ion Ratio Lower Upper

75 100

53 101.6 80.1 120.1

89 45.7 36.1 54.1



#82

4-Chlorotoluene

Concen: 21.033 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015401.D

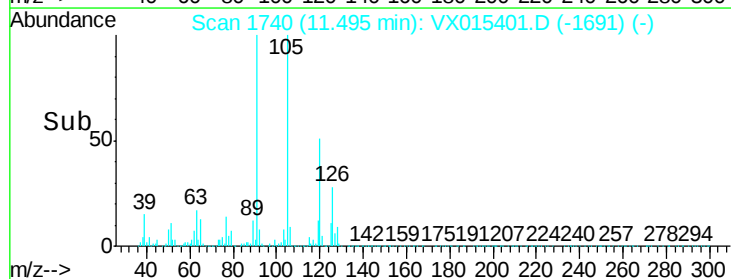
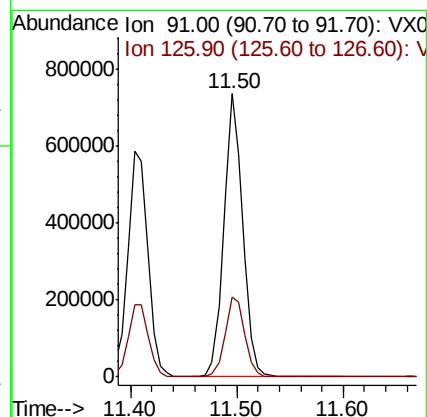
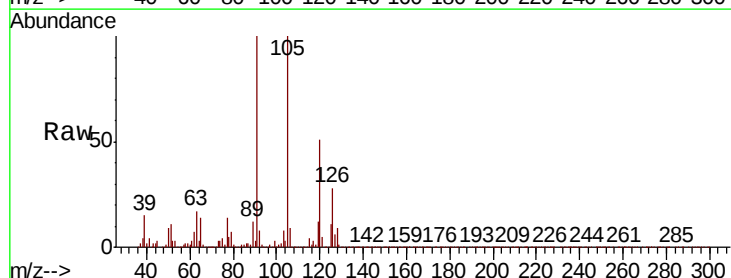
Acq: 28 Mar 2020 00:08

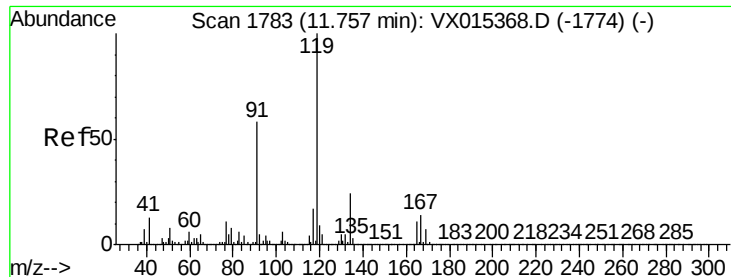
Tgt Ion: 91 Resp: 902889

Ion Ratio Lower Upper

91 100

126 29.2 14.7 44.1

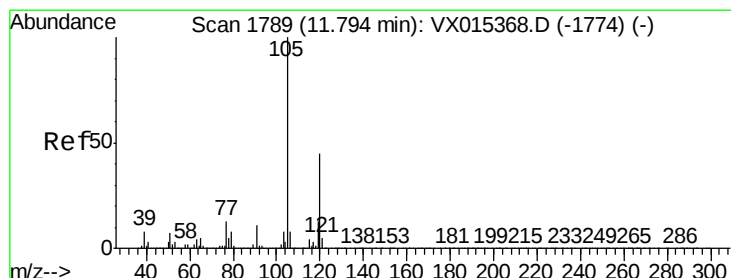
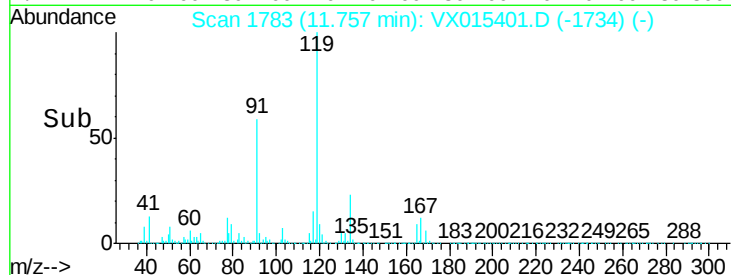
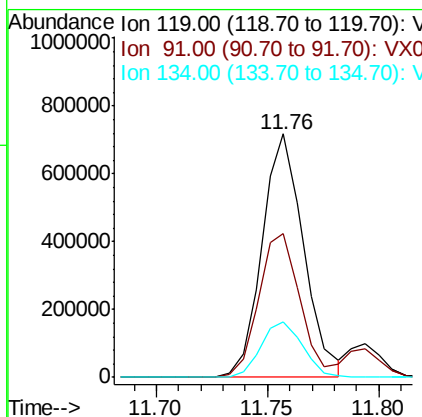
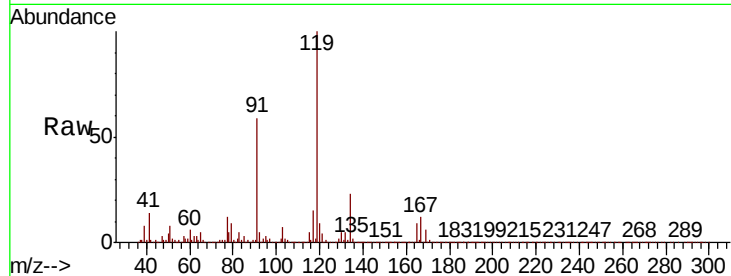




#83
tert-Butylbenzene
Concen: 21.288 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

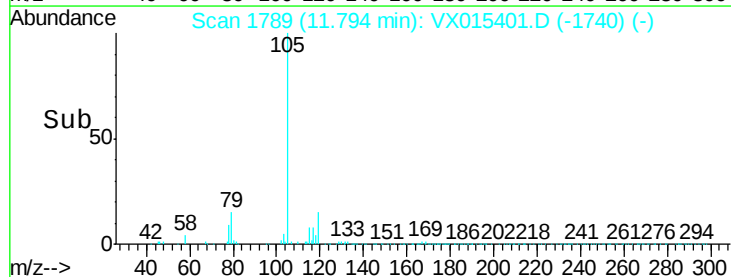
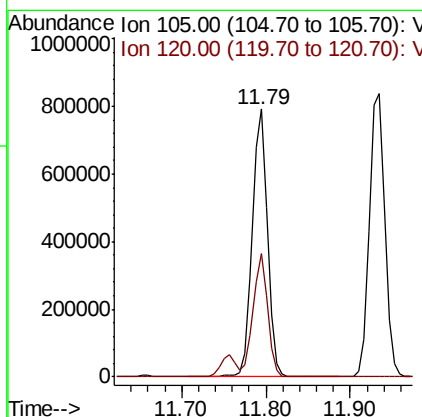
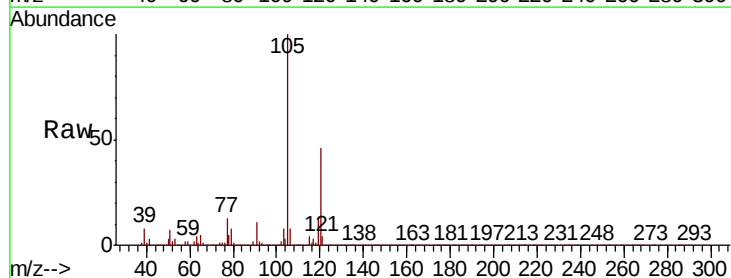
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBSD02

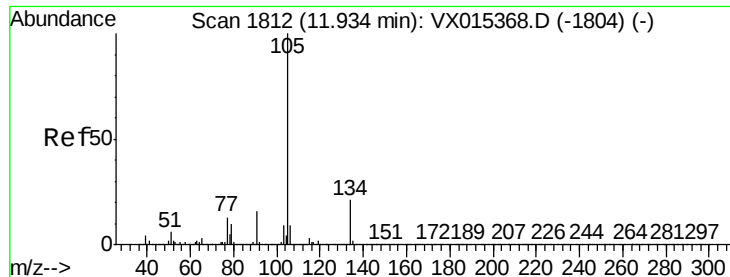
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.4	28.6	85.8
134	23.1	11.8	35.3



#84
1,2,4-Trimethylbenzene
Concen: 20.941 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.7	68.1





#85

sec-Butylbenzene

Concen: 21.201 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

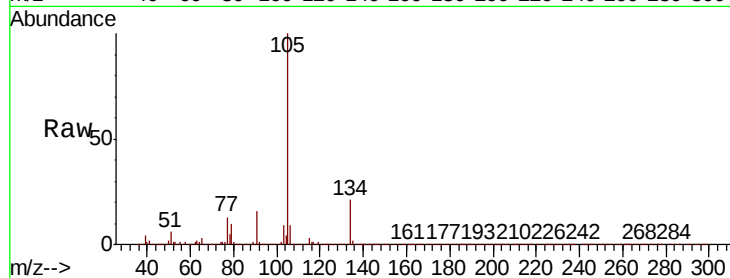
VX0327WBSD02

Tot Ion:105 Resp: 1068719

Ion Ratio Lower Upper

105 100

134 20.4 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

800000

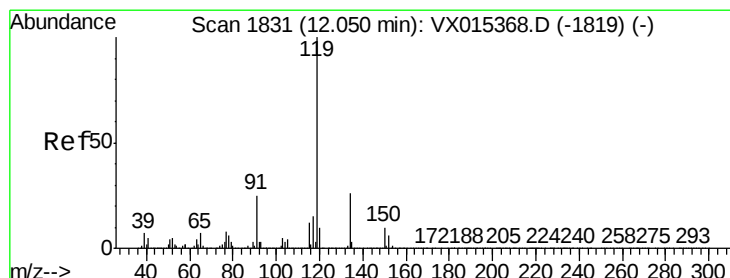
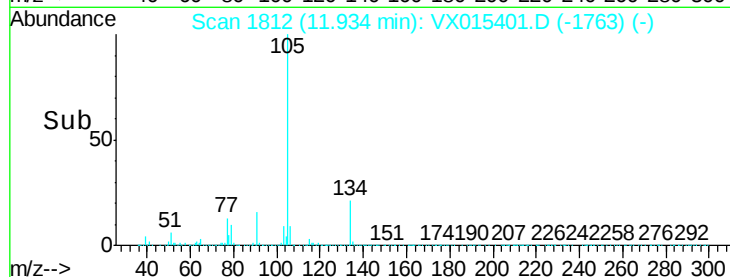
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.150 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

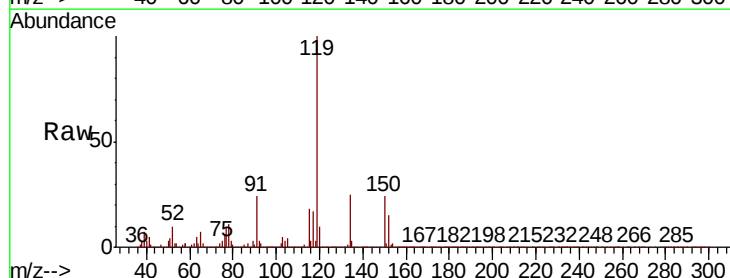
Tgt Ion:119 Resp: 989745

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 24.9 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

1000000

800000

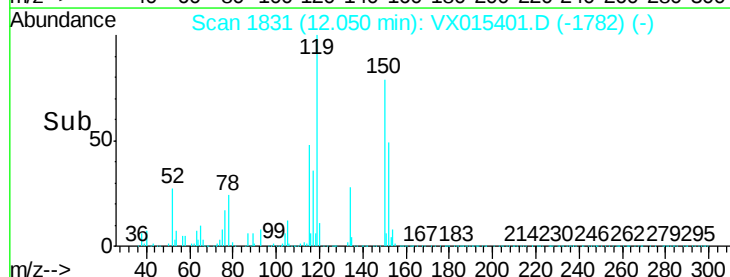
600000

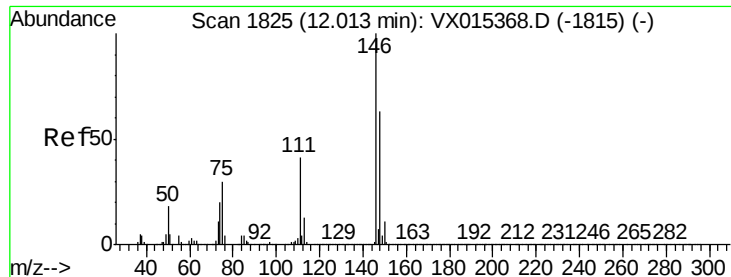
400000

200000

0

Time-->

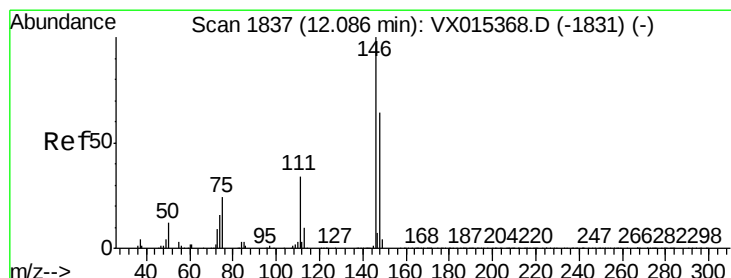
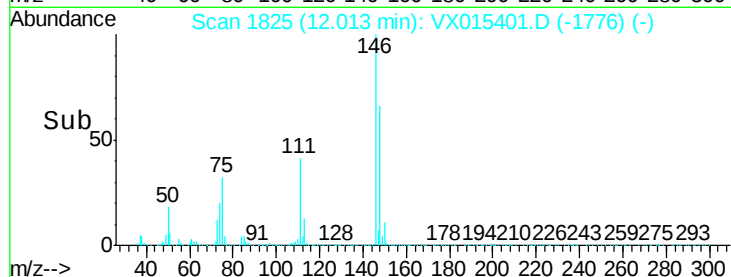
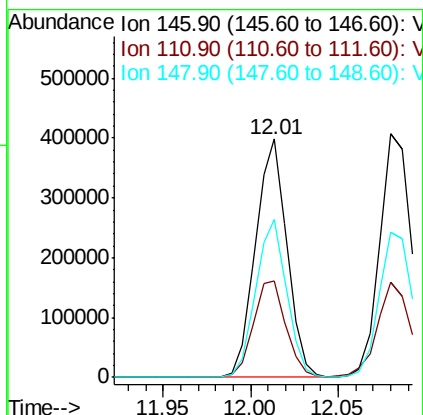
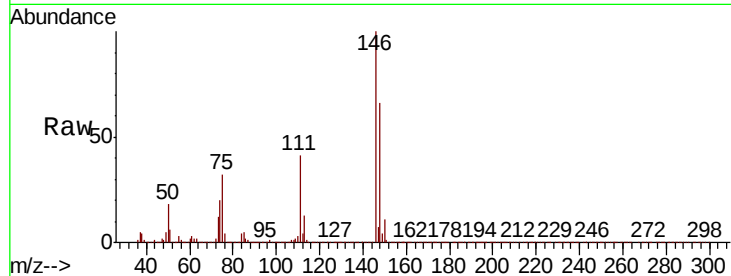




#87
 1,3-Dichlorobenzene
 Concen: 19.962 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

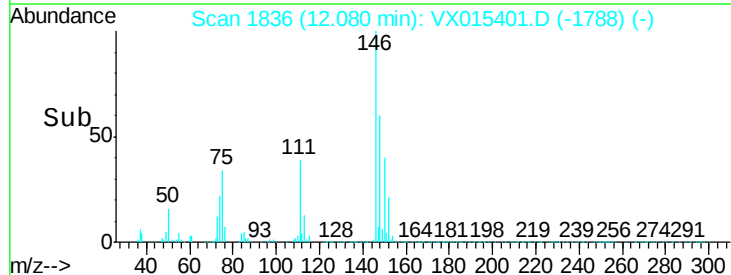
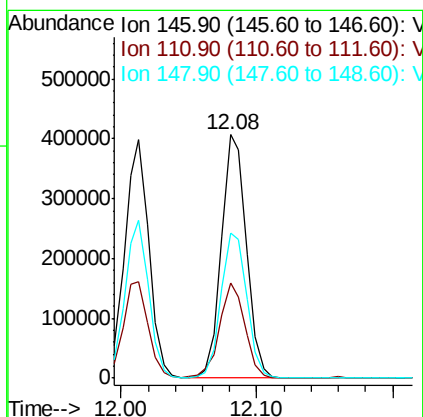
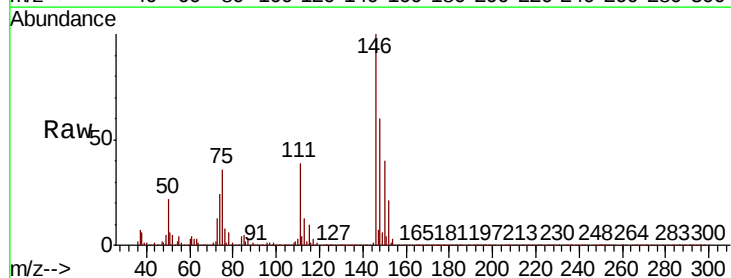
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD02

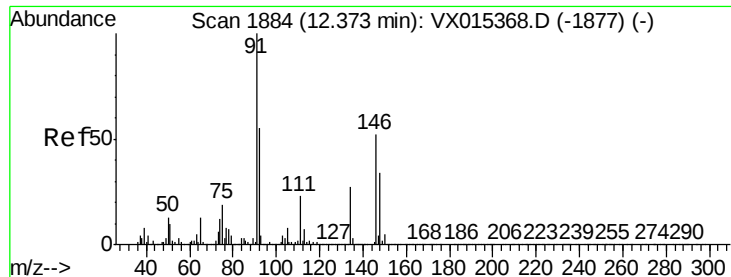
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.3	60.9
148	65.2	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 20.256 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.1	57.5
148	62.0	32.4	97.2





#89

n-Butylbenzene

Concen: 21.039 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD02

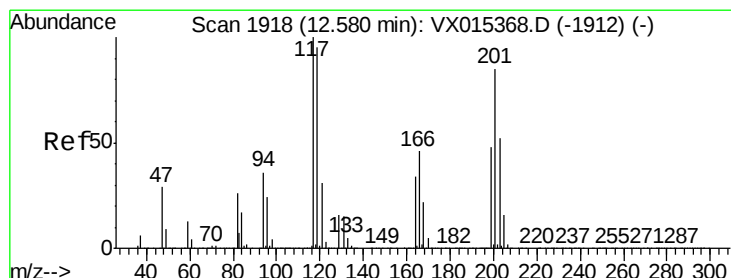
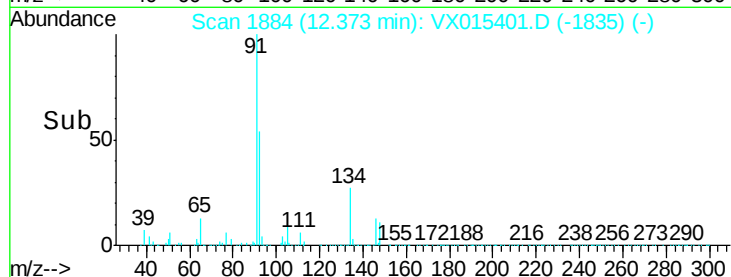
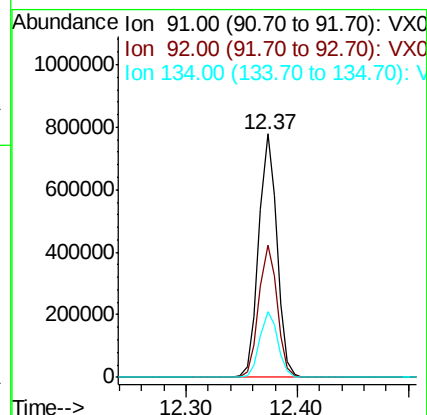
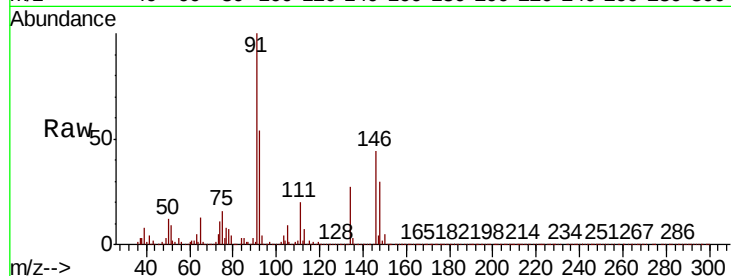
Tot Ion: 91 Resp: 889713

Ion Ratio Lower Upper

91 100

92 54.6 27.2 81.5

134 26.7 13.4 40.2



#90

Hexachloroethane

Concen: 20.513 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015401.D

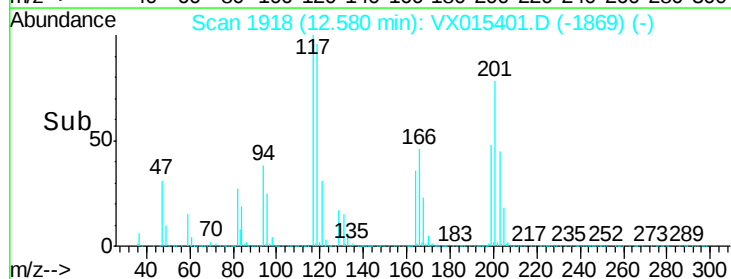
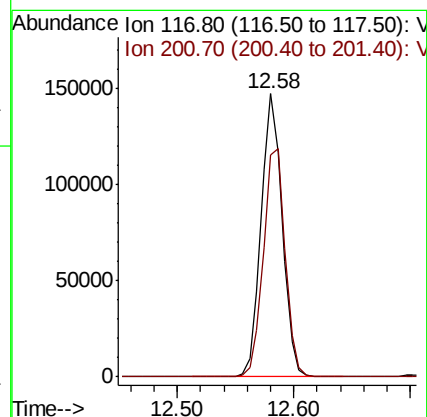
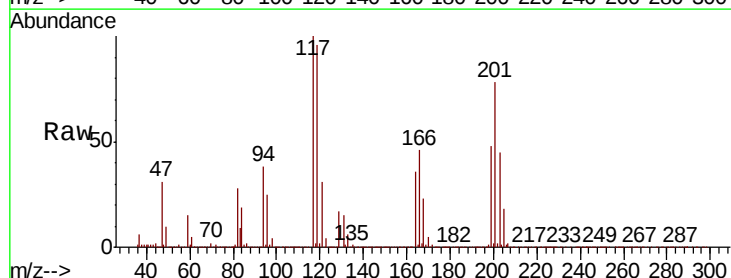
Acq: 28 Mar 2020 00:08

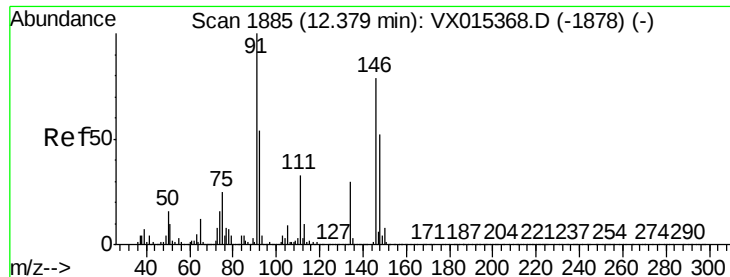
Tgt Ion: 117 Resp: 186842

Ion Ratio Lower Upper

117 100

201 83.2 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 20.505 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

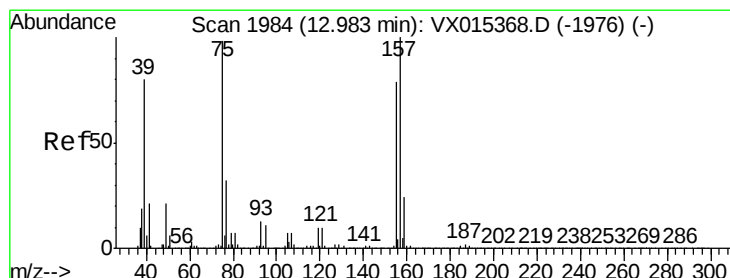
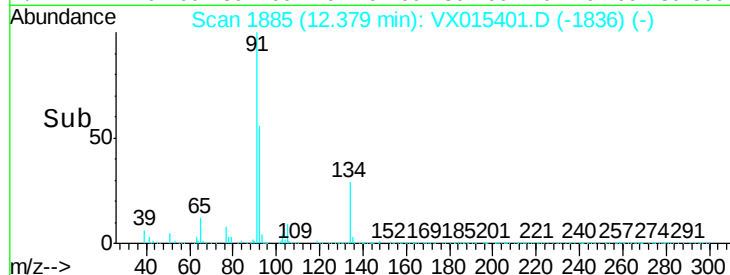
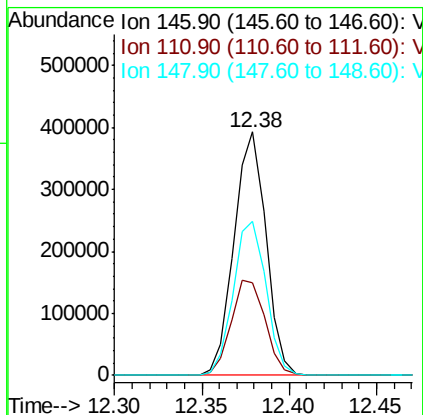
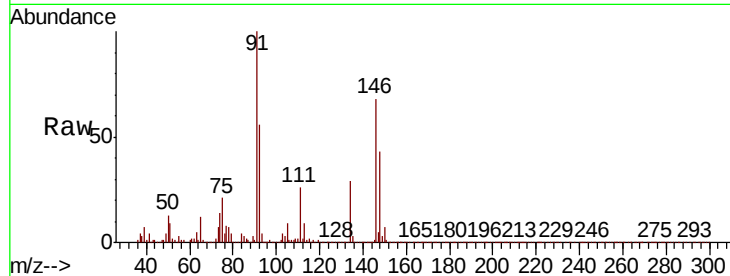
Instrument :

MSVOA_X

ClientSampleId :

VX0327WBSD02

Tot Ion:	146	Resp:	500647
Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.0	63.0
148	64.8	32.4	97.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.995 ug/l

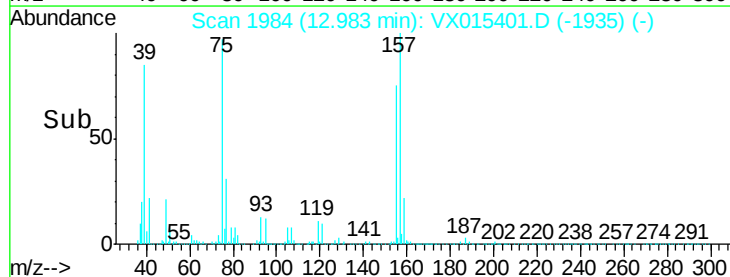
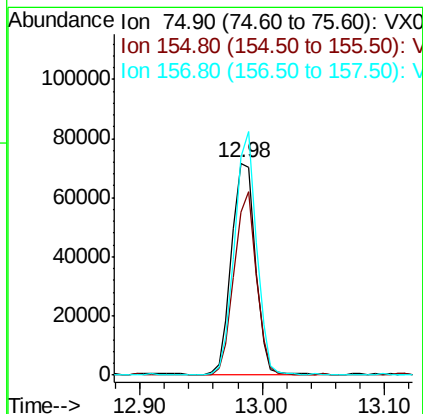
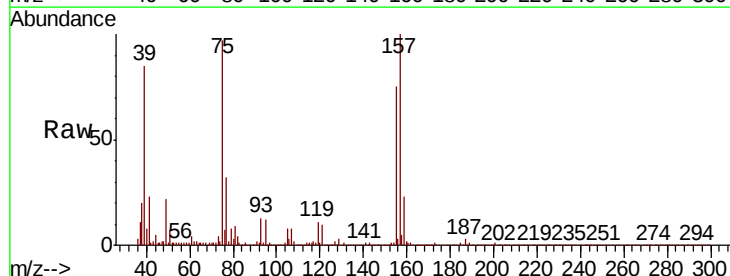
RT: 12.98 min Scan# 1984

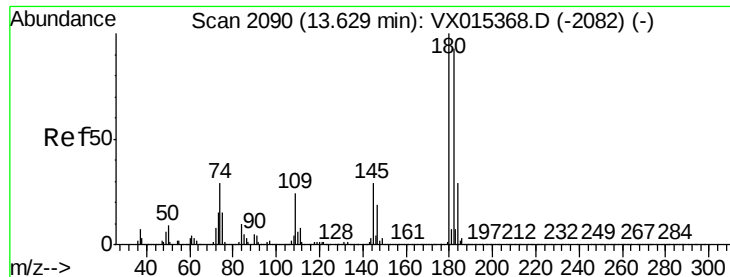
Delta R.T. 0.00 min

Lab File: VX015401.D

Acq: 28 Mar 2020 00:08

Tgt Ion:	75	Resp:	96119
Ion	Ratio	Lower	Upper
75	100		
155	80.5	42.8	128.4
157	106.5	53.4	160.3

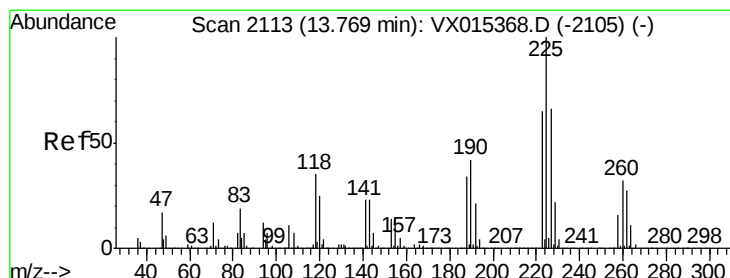
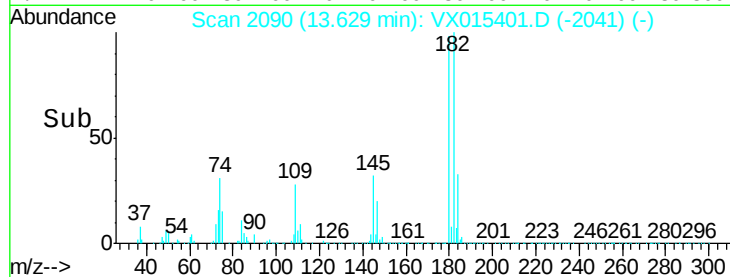
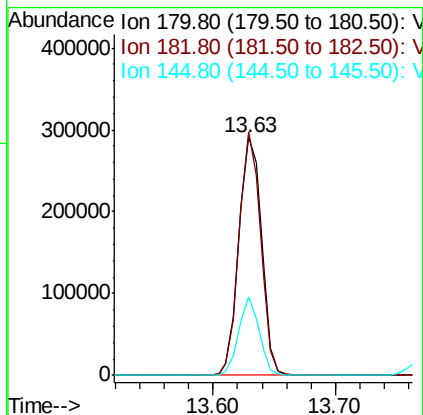
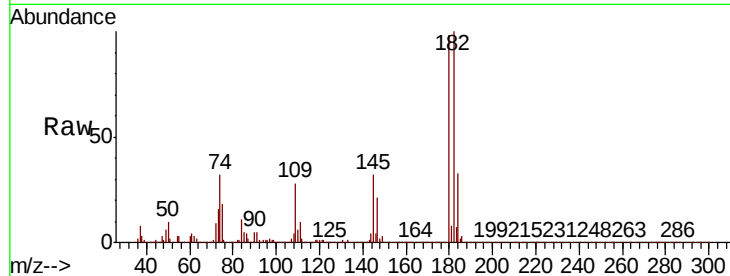




#93
 1,2,4-Trichlorobenzene
 Concen: 19.255 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

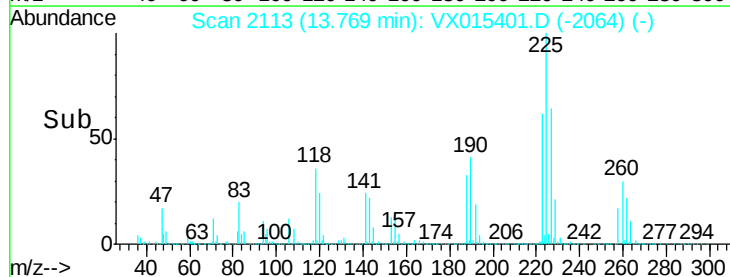
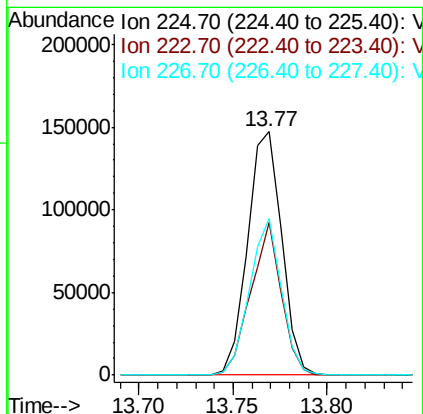
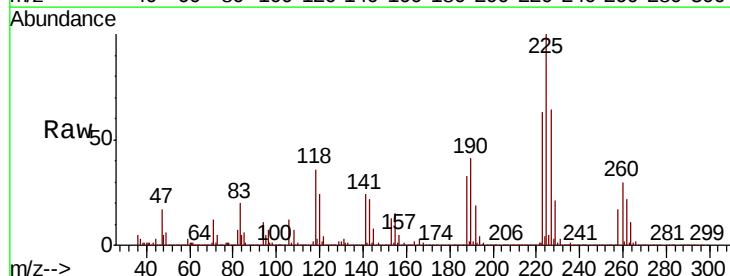
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBSD02

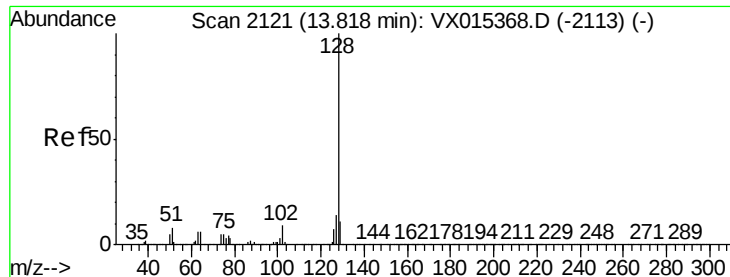
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	46.9	140.7
145	29.6	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 20.084 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015401.D
 Acq: 28 Mar 2020 00:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.2	31.9	95.7
227	60.3	30.4	91.3

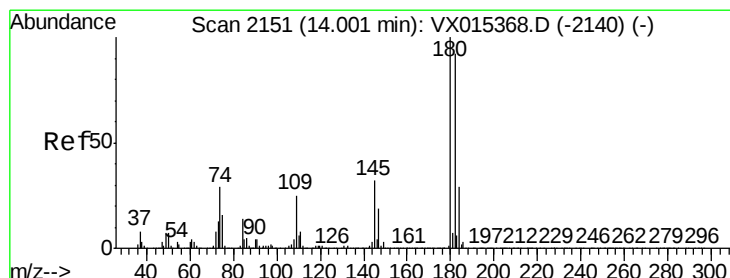
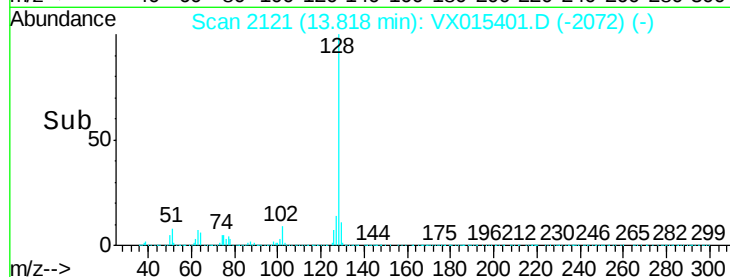
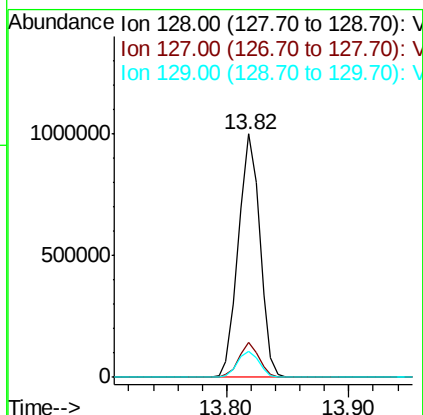
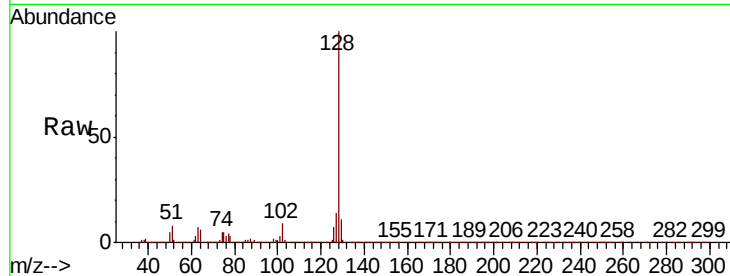




#95
Naphthalene
Concen: 20.604 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Instrument :
MSVOA_X
ClientSampled :
VX0327WBSD02

Tot Ion:128 Resp: 1213778
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.951 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015401.D
Acq: 28 Mar 2020 00:08

Tgt Ion:180 Resp: 389576
Ion Ratio Lower Upper
180 100
182 92.4 46.7 140.0
145 31.1 15.8 47.3

