

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033120\
 Data File : VX015447.D
 Acq On : 31 Mar 2020 12:42
 Operator : JC/SP
 Sample : VX0331WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD01

Quant Time: Apr 01 07:48:24 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	1105426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1695099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1559902	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	797525	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	722436	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	
35) Dibromofluoromethane	5.47	113	525560	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
50) Toluene-d8	8.70	98	1911269	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.12	95	779878	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	196546	20.181	ug/l	98
3) Chloromethane	1.31	50	211124	17.023	ug/l	98
4) Vinyl Chloride	1.39	62	211355	18.559	ug/l	97
5) Bromomethane	1.63	94	126868	19.182	ug/l	97
6) Chloroethane	1.72	64	128525	18.197	ug/l	96
7) Trichlorofluoromethane	1.92	101	314138	20.569	ug/l	100
8) Diethyl Ether	2.17	74	118156	18.342	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201677	20.256	ug/l	98
10) Methyl Iodide	2.49	142	228908	17.053	ug/l	99
11) Tert butyl alcohol	3.01	59	306914	82.244	ug/l	100
12) 1,1-Dichloroethene	2.36	96	194876	18.673	ug/l	95
13) Acrolein	2.27	56	171653	80.749	ug/l	99
14) Allyl chloride	2.71	41	457969	18.780	ug/l	98
15) Acrylonitrile	3.11	53	642283	90.250	ug/l	100
16) Acetone	2.42	43	592360	88.436	ug/l	100
17) Carbon Disulfide	2.55	76	601892	18.905	ug/l	99
18) Methyl Acetate	2.75	43	310763	18.178	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	771938	19.071	ug/l	99
20) Methylene Chloride	2.83	84	228793	18.287	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	218361	18.853	ug/l	97
22) Diisopropyl ether	3.83	45	842399	19.495	ug/l	91
23) Vinyl Acetate	3.78	43	3828271	97.851	ug/l	98
24) 1,1-Dichloroethane	3.67	63	421968	18.547	ug/l	98
25) 2-Butanone	4.64	43	936272	86.917	ug/l	97
26) 2,2-Dichloropropane	4.55	77	378645	20.276	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	254353	18.981	ug/l	98
28) Bromochloromethane	4.98	49	208874	19.229	ug/l	100
29) Tetrahydrofuran	5.09	42	594558	85.856	ug/l	98
30) Chloroform	5.18	83	415712	18.992	ug/l	97
31) Cyclohexane	5.55	56	400715	20.303	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	375495	18.956	ug/l	99
36) 1,1-Dichloropropene	5.77	75	318714	20.406	ug/l	99
37) Ethyl Acetate	4.79	43	374573	18.419	ug/l	100
38) Carbon Tetrachloride	5.75	117	331983	19.625	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	373896	20.763	ug/l	97
40) Benzene	6.11	78	901358	19.701	ug/l	97
41) Methacrylonitrile	5.00	41	210654	18.660	ug/l	99
42) 1,2-Dichloroethane	6.16	62	370310	20.151	ug/l	98
43) Isopropyl Acetate	6.41	43	646527	18.833	ug/l	100
44) Trichloroethene	7.18	130	242772	19.457	ug/l	100
45) 1,2-Dichloropropane	7.49	63	245893	19.647	ug/l	95
46) Dibromomethane	7.64	93	158327	19.285	ug/l	98
47) Bromodichloromethane	7.87	83	346188	19.789	ug/l	98
48) Methyl methacrylate	7.75	41	318956	18.601	ug/l	100
49) 1,4-Dioxane	7.73	88	123230	385.233	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1856398	95.418	ug/l	99
52) Toluene	8.76	92	555992	19.711	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	391664	19.090	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	412935	19.758	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	228002	19.730	ug/l	96
56) Ethyl methacrylate	9.16	69	382702	18.791	ug/l	99
57) 1,3-Dichloropropane	9.36	76	403409	19.375	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	949747	95.872	ug/l	99
59) 2-Hexanone	9.47	43	1374026	93.545	ug/l	99
60) Dibromochloromethane	9.57	129	272000	19.587	ug/l	100
61) 1,2-Dibromoethane	9.65	107	243986	19.417	ug/l	98
64) Tetrachloroethene	9.32	164	240174	20.402	ug/l	95
65) Chlorobenzene	10.12	112	600557	19.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	238981	19.229	ug/l	99
67) Ethyl Benzene	10.24	91	1097433	19.890	ug/l	100
68) m/p-Xylenes	10.34	106	810539	39.451	ug/l	98
69) o-Xylene	10.68	106	393631	19.389	ug/l	96
70) Styrene	10.70	104	696151	19.486	ug/l	99
71) Bromoform	10.84	173	205251	18.141	ug/l #	97
73) Isopropylbenzene	11.00	105	1074456	20.562	ug/l	100
74) N-amyl acetate	10.88	43	538943	18.544	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	338882	18.899	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	328969m	20.059	ug/l	
77) Bromobenzene	11.24	156	273988	19.657	ug/l	99
78) n-propylbenzene	11.34	91	1228092	20.553	ug/l	99
79) 2-Chlorotoluene	11.40	91	735648	20.087	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	923009	20.682	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	125899	18.420	ug/l	97
82) 4-Chlorotoluene	11.49	91	875627	20.394	ug/l	100
83) tert-Butylbenzene	11.76	119	884551	20.292	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	931395	20.480	ug/l	98
85) sec-Butylbenzene	11.93	105	1035576	20.541	ug/l	99
86) p-Isopropyltoluene	12.05	119	964831	20.615	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	500739	20.068	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	497589	19.577	ug/l	98
89) n-Butylbenzene	12.37	91	890449	21.053	ug/l	99
90) Hexachloroethane	12.58	117	177452	19.480	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	474578	19.434	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	85190	16.833	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

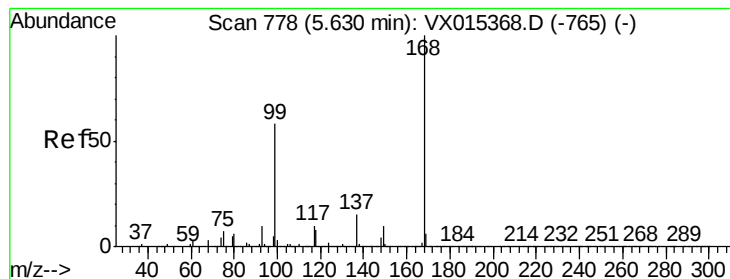
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Quant Time: Apr 01 07:48:24 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)
93) 1,2,4-Trichlorobenzene	13.63	180	376522	19.493	ug/l	98
94) Hexachlorobutadiene	13.76	225	167702	18.236	ug/l	97
95) Naphthalene	13.82	128	1120351	19.015	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	345536	18.580	ug/l	93

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

Page: 4



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

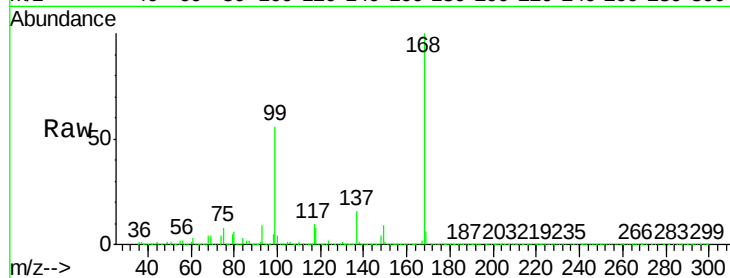
VX0331WBSD01

Tot Ion:168 Resp: 1105426

Ion Ratio Lower Upper

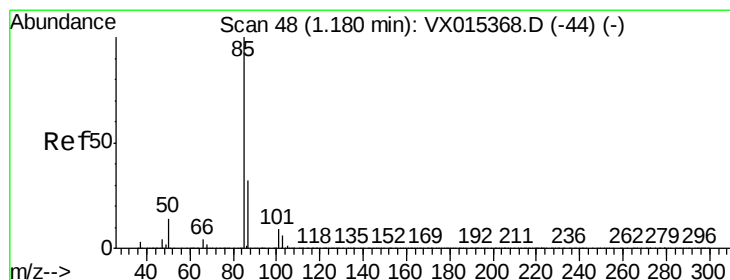
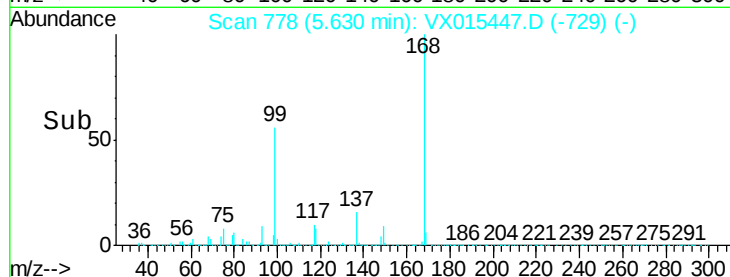
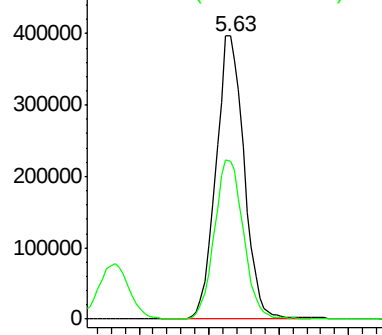
168 100

99 55.9 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.181 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015447.D

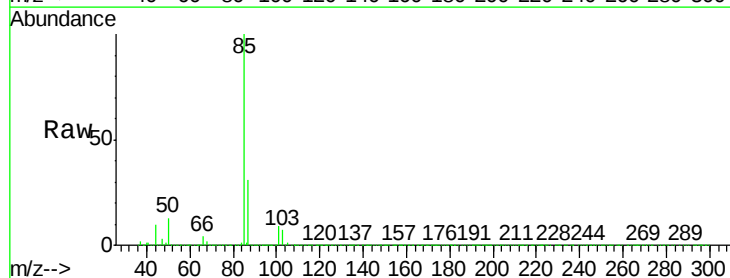
Acq: 31 Mar 2020 12:42

Tgt Ion: 85 Resp: 196546

Ion Ratio Lower Upper

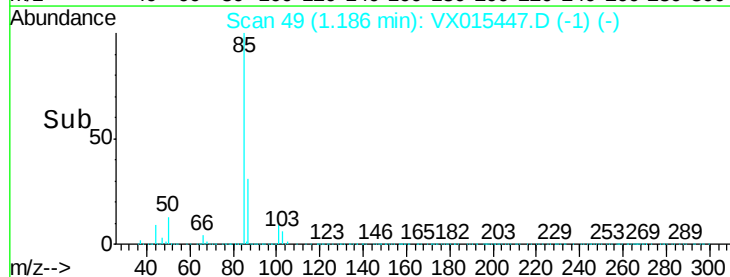
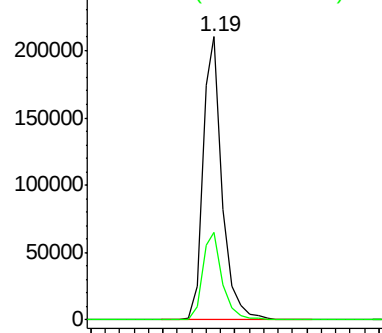
85 100

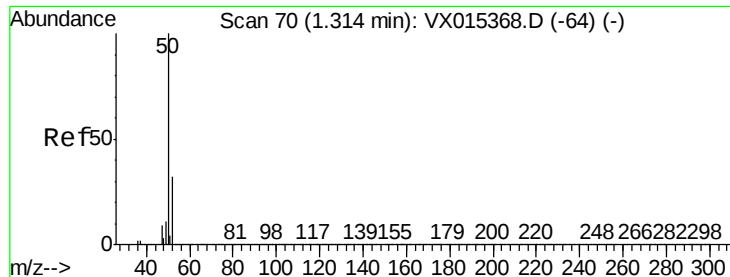
87 30.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

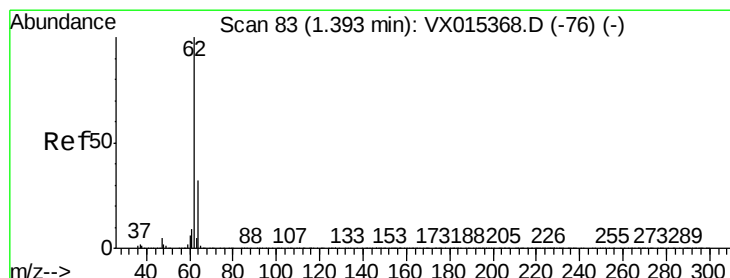
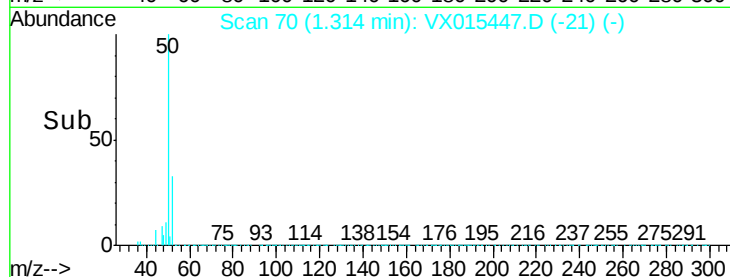
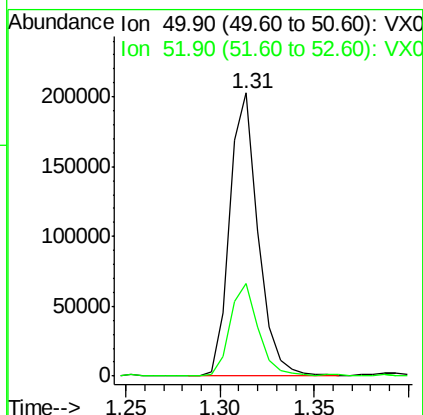
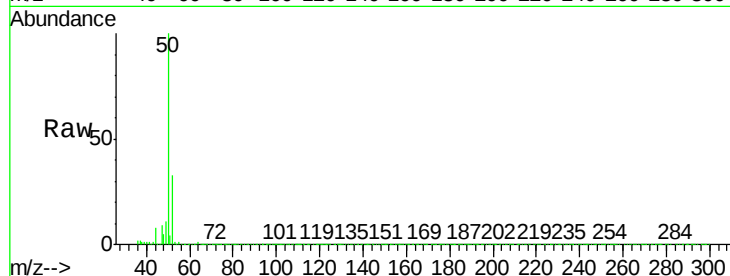




#3
Chloromethane
Concen: 17.023 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

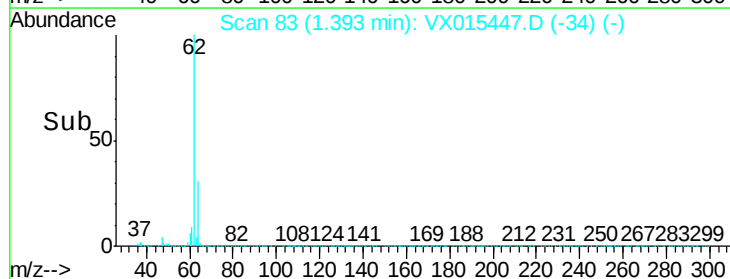
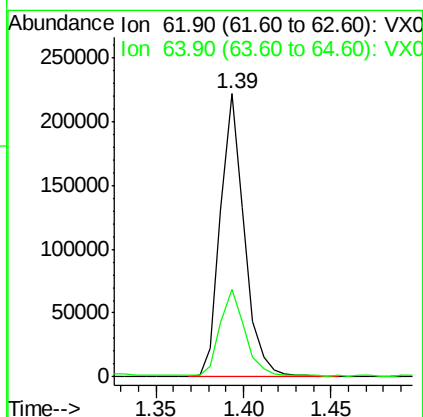
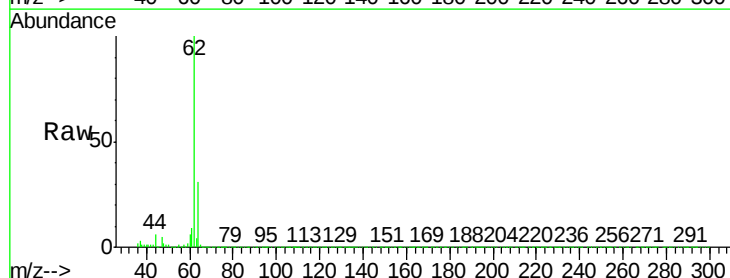
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tot Ion: 50 Resp: 211124
Ion Ratio Lower Upper
50 100
52 32.9 25.3 37.9



#4
Vinyl Chloride
Concen: 18.559 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion: 62 Resp: 211355
Ion Ratio Lower Upper
62 100
64 30.6 26.0 39.0





#5

Bromomethane

Concen: 19.182 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

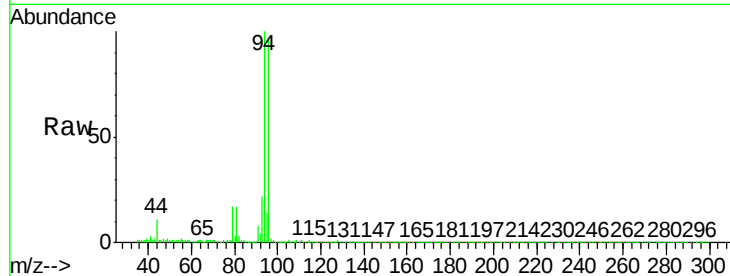
VX0331WBSD01

Tot Ion: 94 Resp: 126868

Ion Ratio Lower Upper

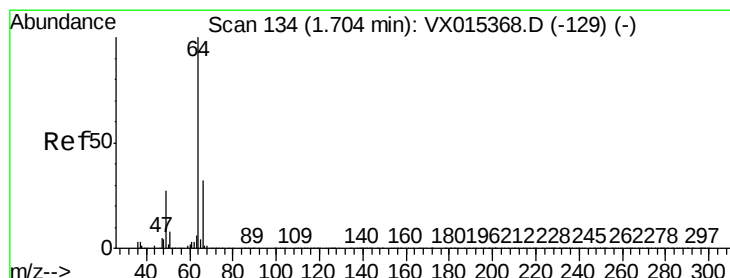
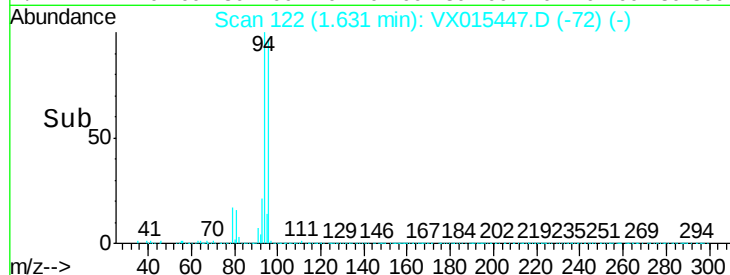
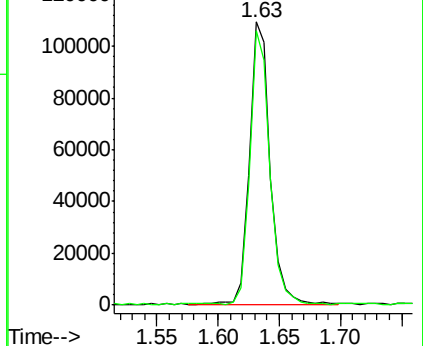
94 100

96 96.8 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: 18.197 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015447.D

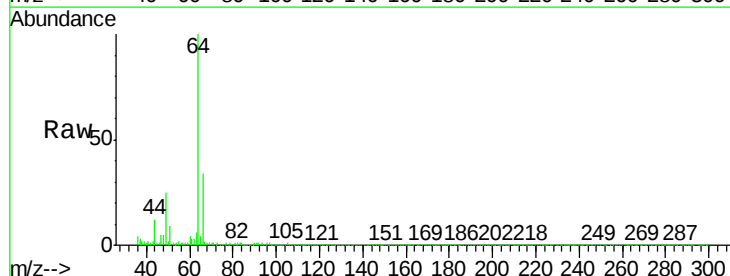
Acq: 31 Mar 2020 12:42

Tgt Ion: 64 Resp: 128525

Ion Ratio Lower Upper

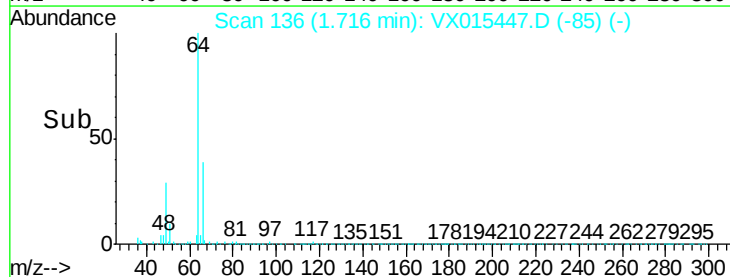
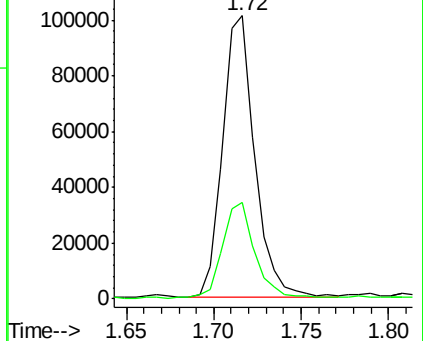
64 100

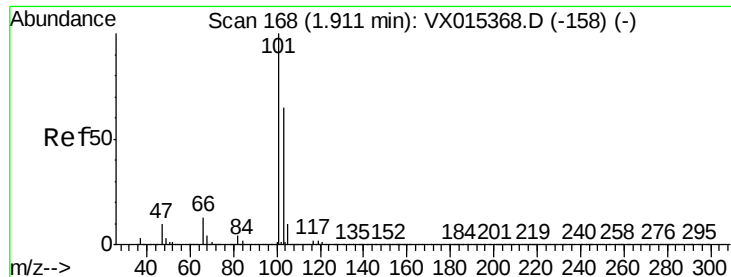
66 33.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



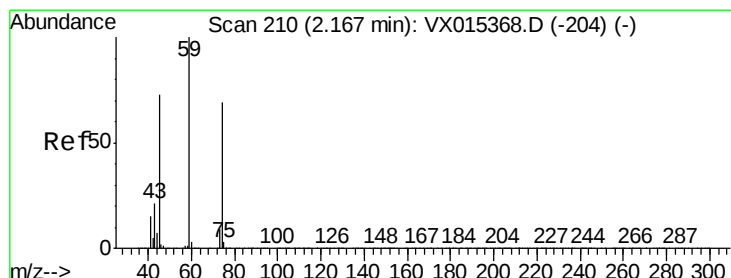
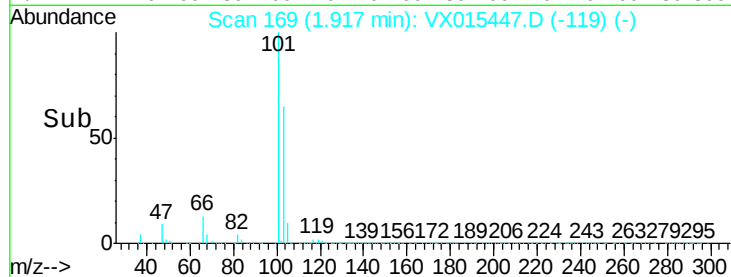
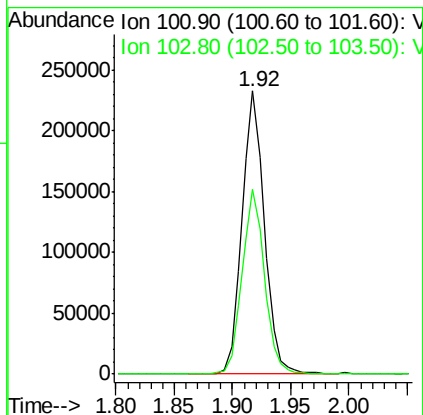
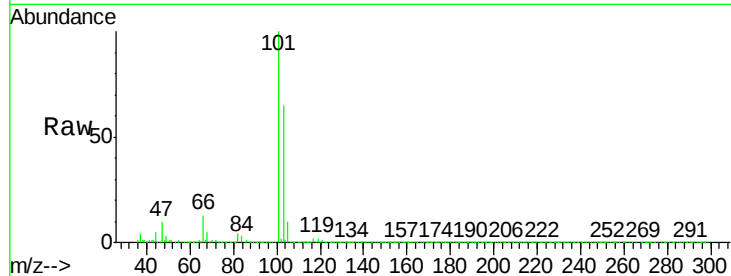


#7

Trichlorofluoromethane
Concen: 20.569 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

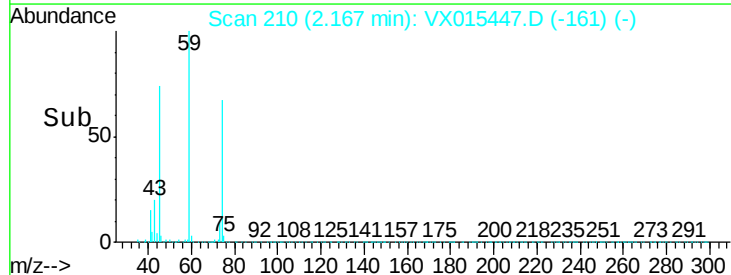
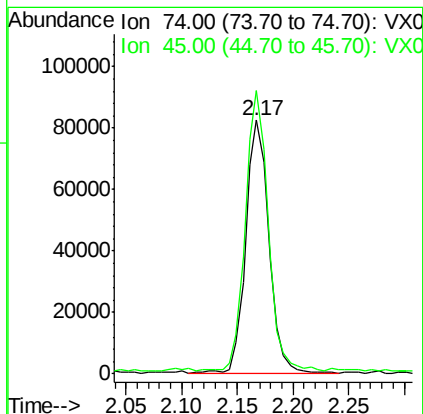
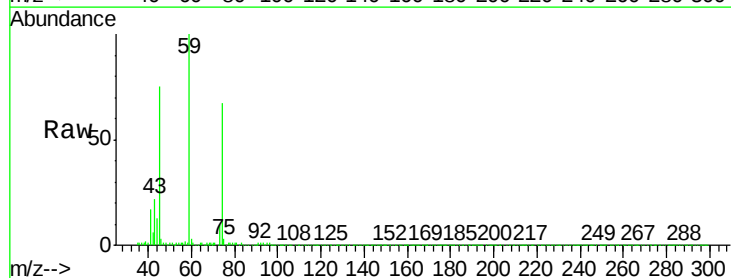
Tot Ion:101 Resp: 314138
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

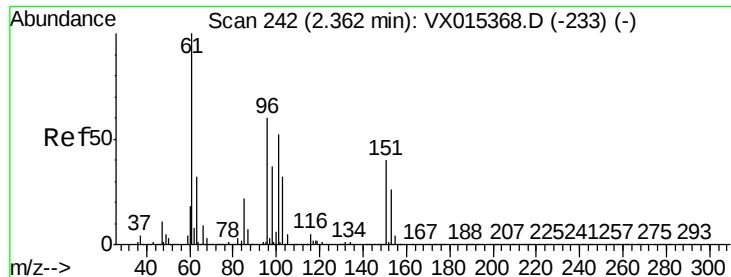


#8

Diethyl Ether
Concen: 18.342 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion: 74 Resp: 118156
Ion Ratio Lower Upper
74 100
45 108.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.256 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

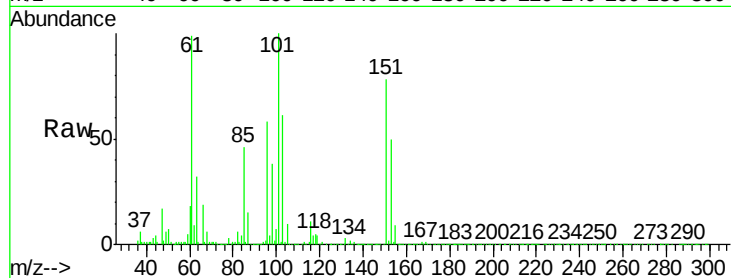
Tot Ion:101 Resp: 201677

Ion Ratio Lower Upper

101 100

85 44.8 35.0 52.4

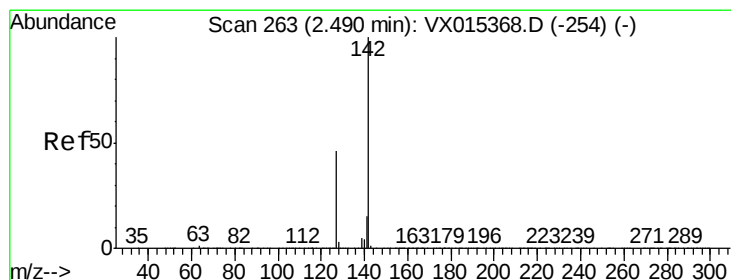
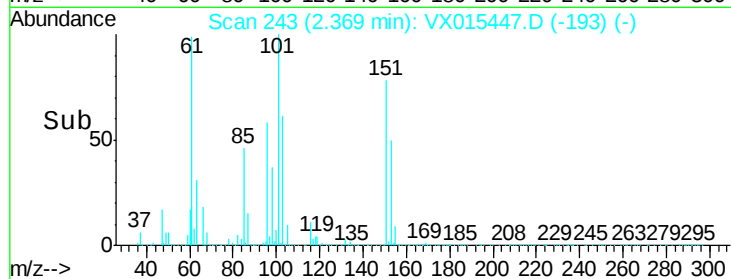
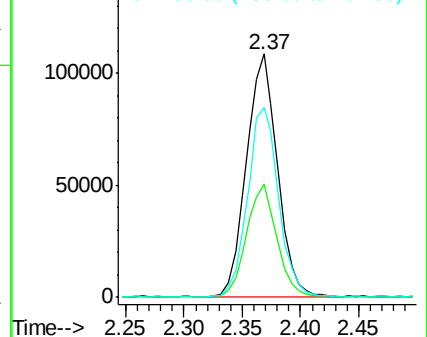
151 78.6 64.1 96.1



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: 17.053 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

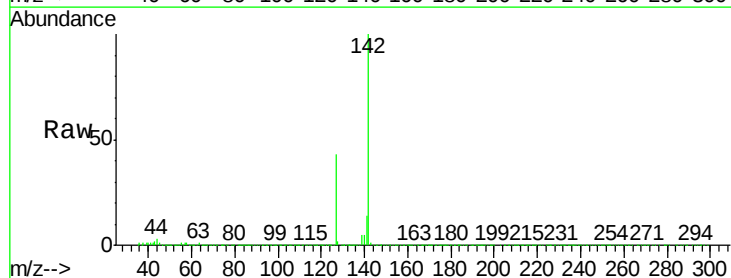
Tgt Ion:142 Resp: 228908

Ion Ratio Lower Upper

142 100

127 44.3 35.9 53.9

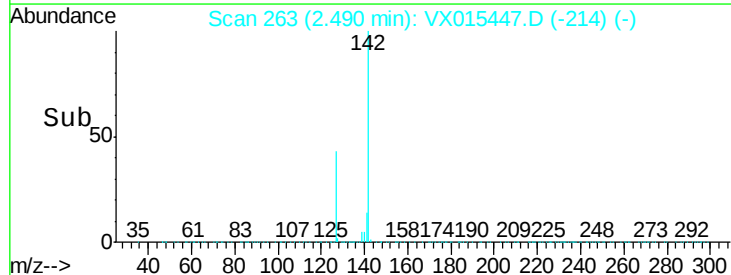
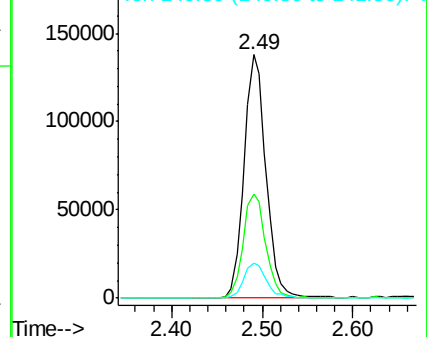
141 15.0 11.6 17.4

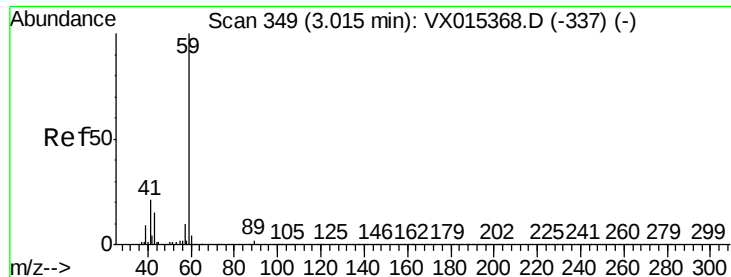


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

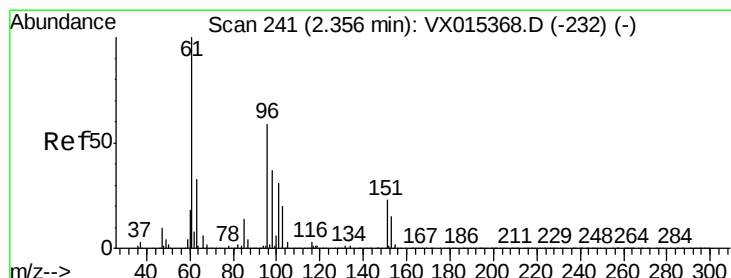
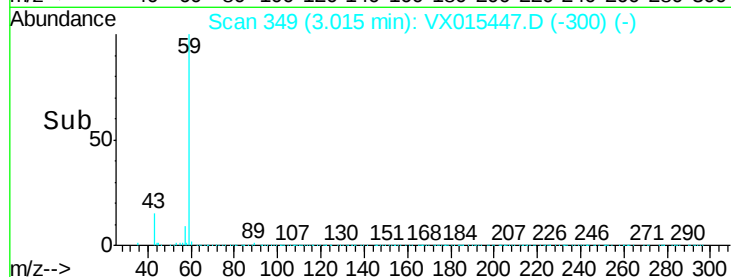
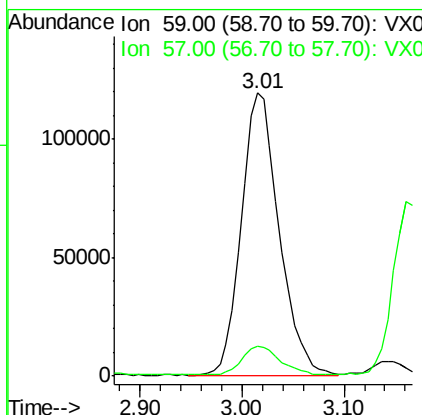
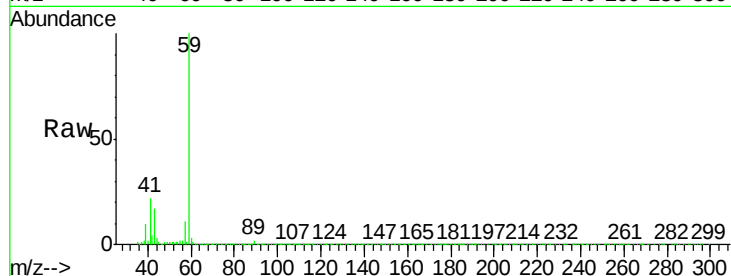




#11
Tert butyl alcohol
Concen: 82.244 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

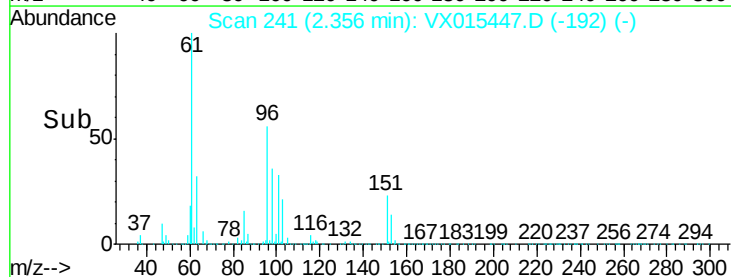
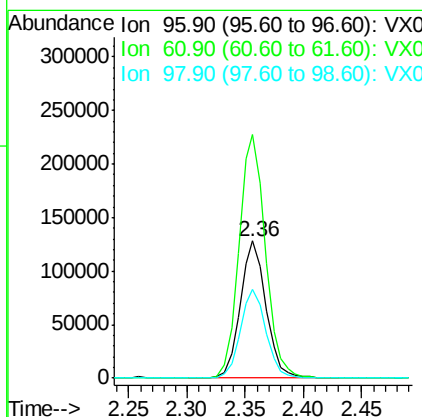
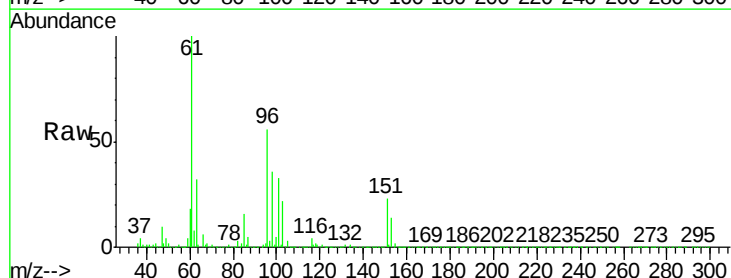
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

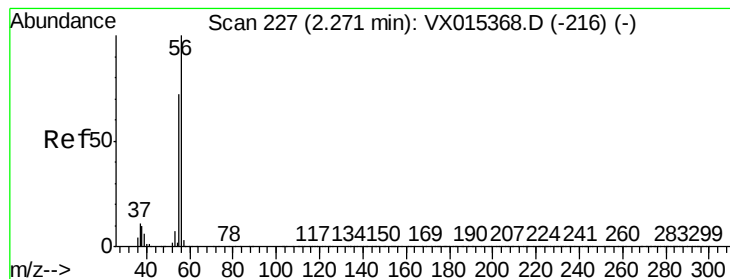
Tot Ion: 59 Resp: 306914
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.673 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion: 96 Resp: 194876
Ion Ratio Lower Upper
96 100
61 178.0 135.7 203.5
98 64.4 50.6 75.8





#13

Acrolein

Concen: 80.749 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

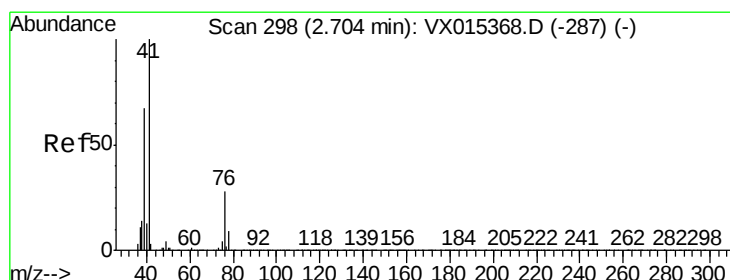
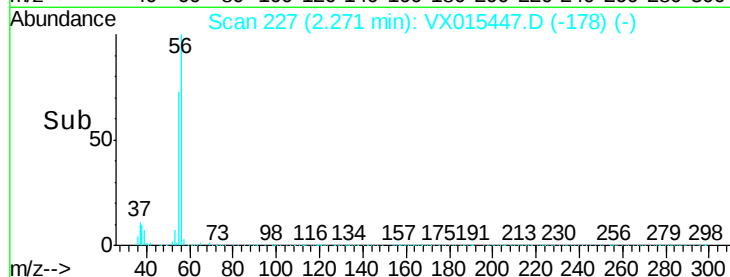
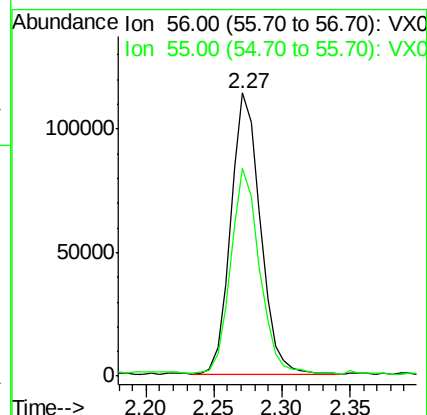
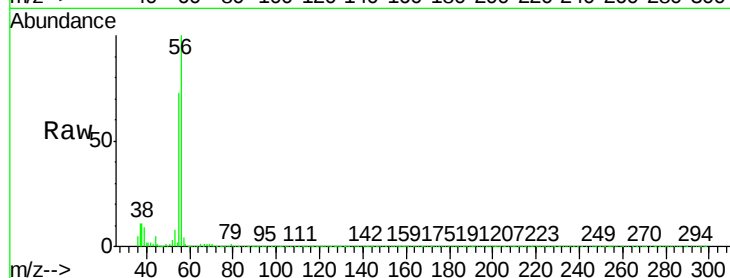
VX0331WBSD01

Tot Ion: 56 Resp: 171653

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 18.780 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

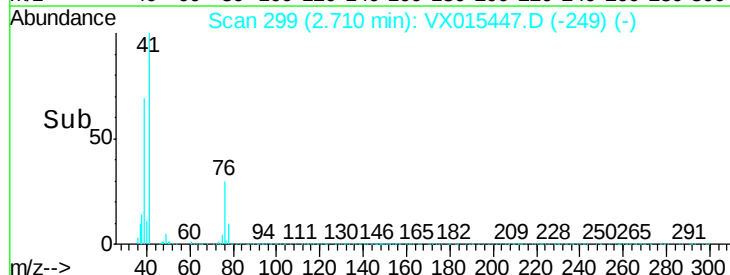
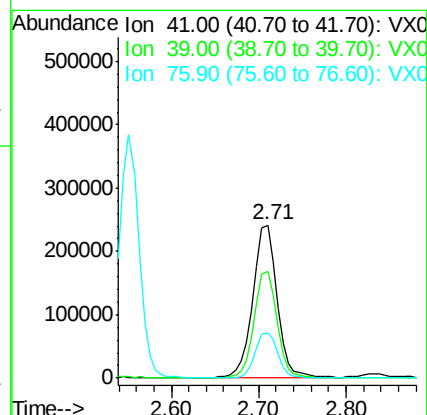
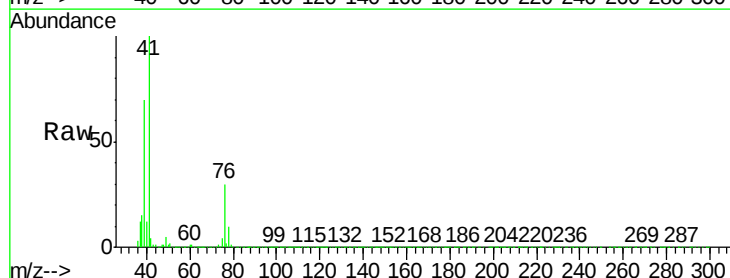
Tgt Ion: 41 Resp: 457969

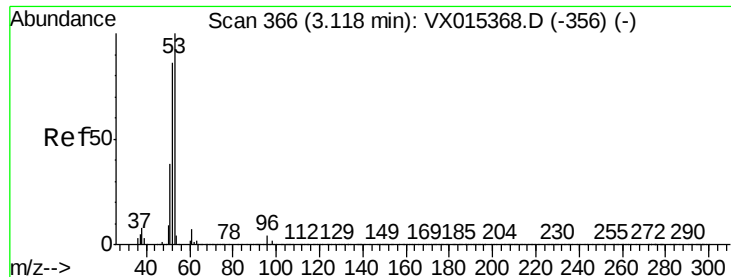
Ion Ratio Lower Upper

41 100

39 66.0 51.4 77.0

76 28.1 21.8 32.8





#15

Acrylonitrile

Concen: 90.250 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

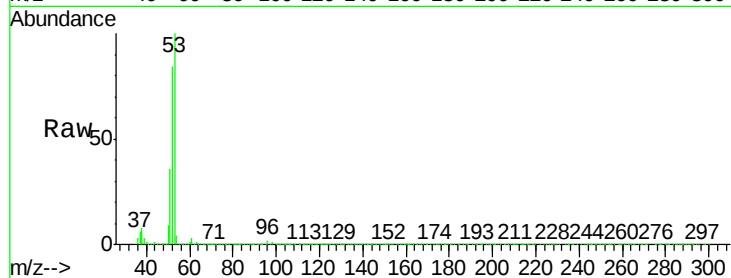
MSVOA_X

ClientSampleId :

VX0331WBSD01

Tot Ion: 53 Resp: 642283

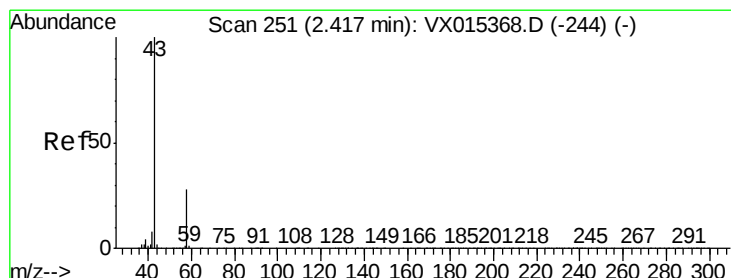
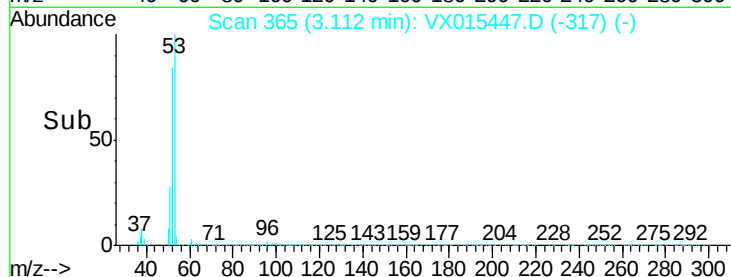
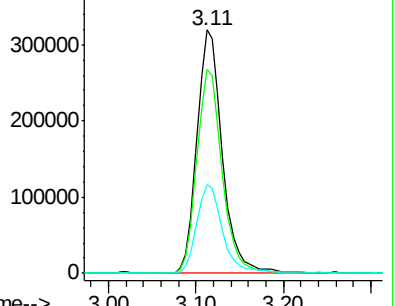
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.8	100.2
51	36.8	29.5	44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 88.436 ug/l

RT: 2.42 min Scan# 252

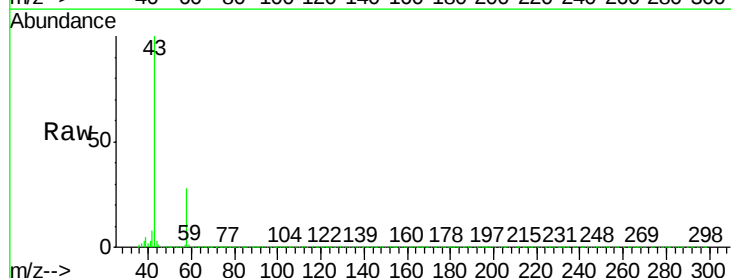
Delta R.T. 0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

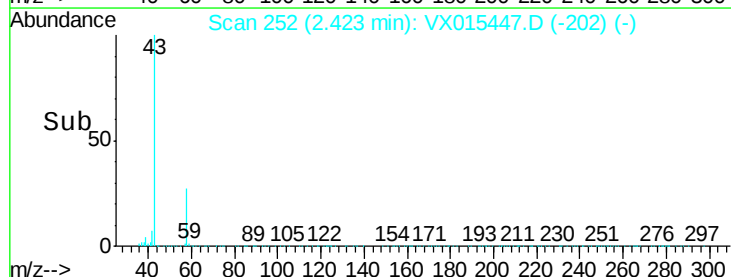
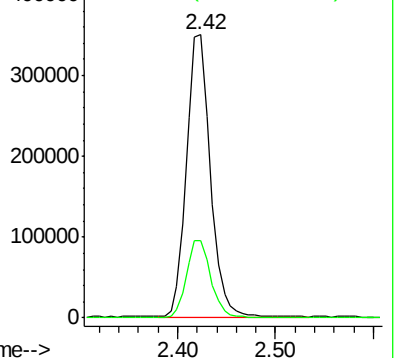
Tgt Ion: 43 Resp: 592360

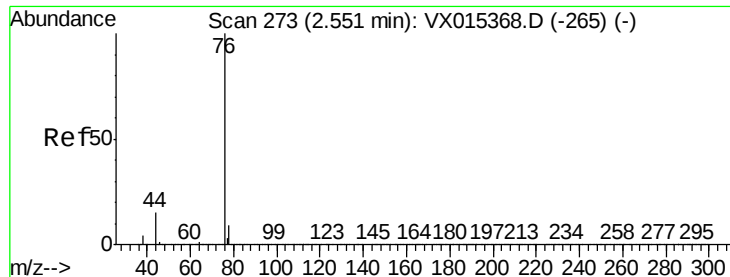
Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.905 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

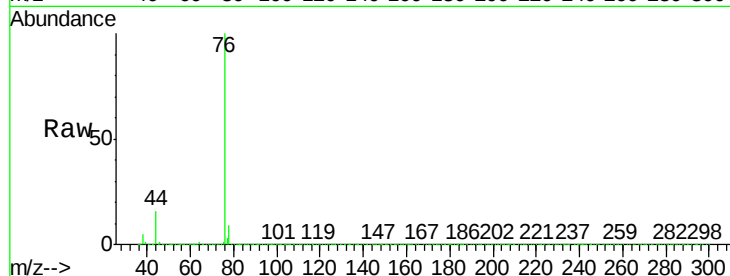
VX0331WBSD01

Tot Ion: 76 Resp: 601892

Ion Ratio Lower Upper

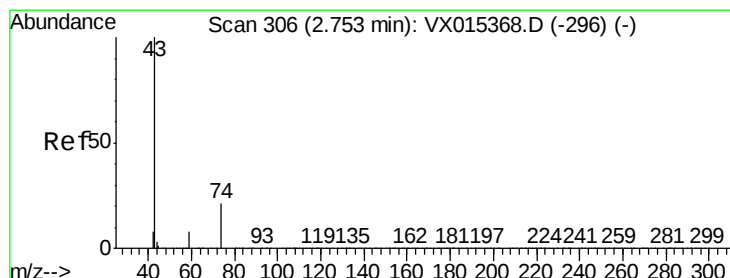
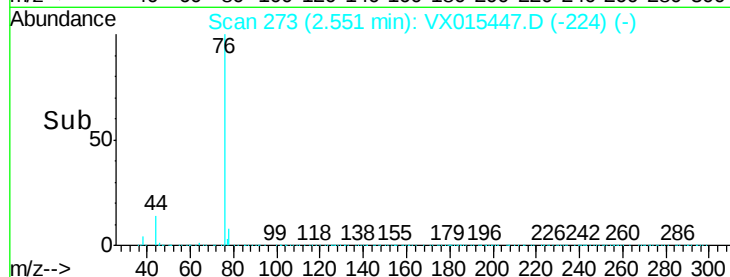
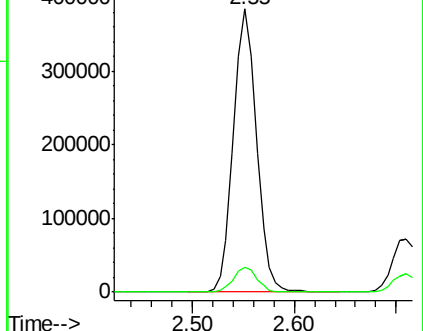
76 100

78 8.5 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: 18.178 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015447.D

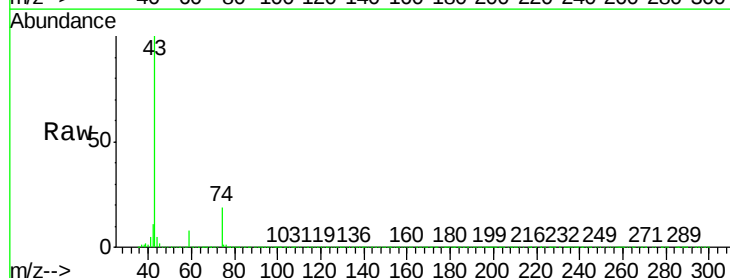
Acq: 31 Mar 2020 12:42

Tgt Ion: 43 Resp: 310763

Ion Ratio Lower Upper

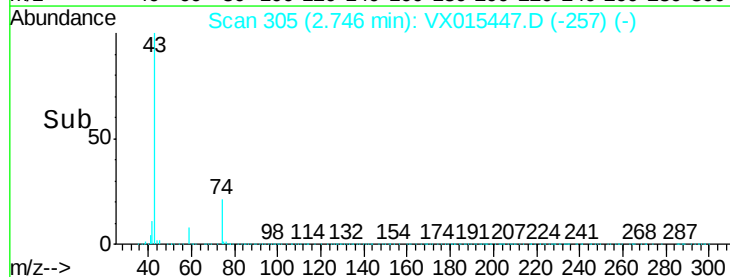
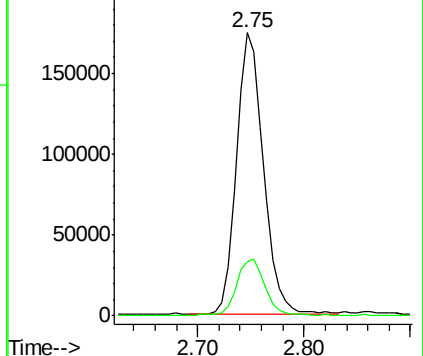
43 100

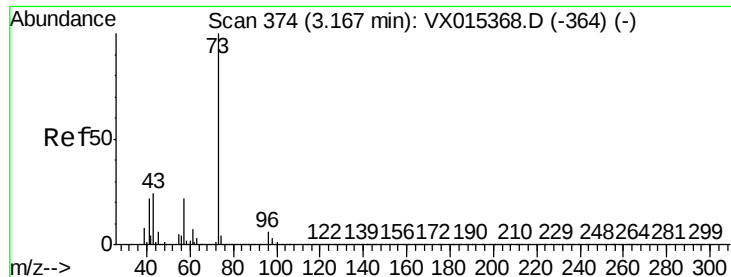
74 21.4 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



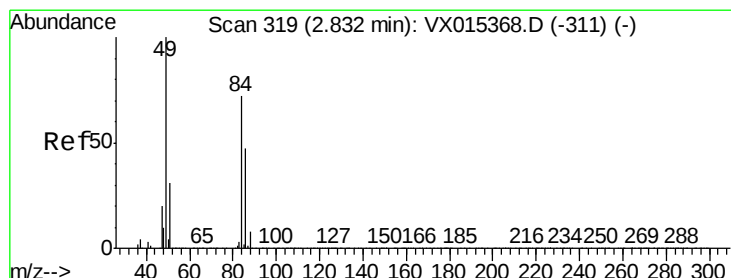
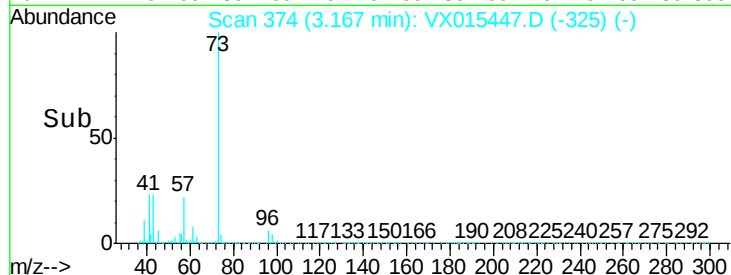
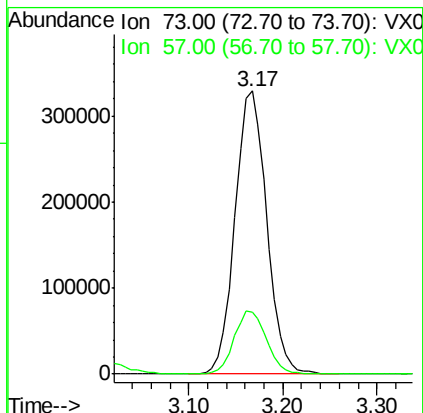
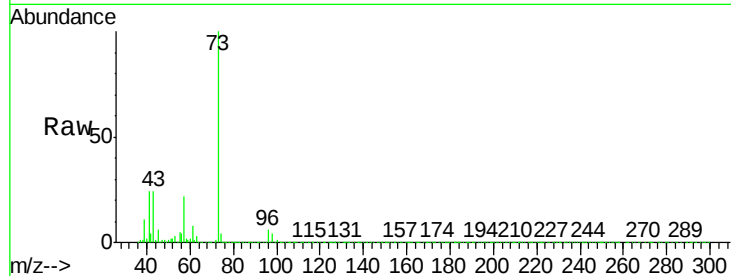


#19

Methyl tert-butyl Ether
 Concen: 19.071 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD01

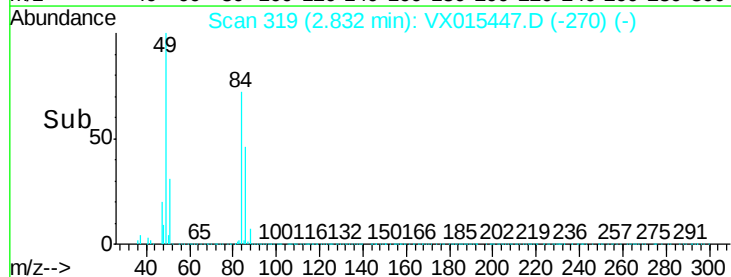
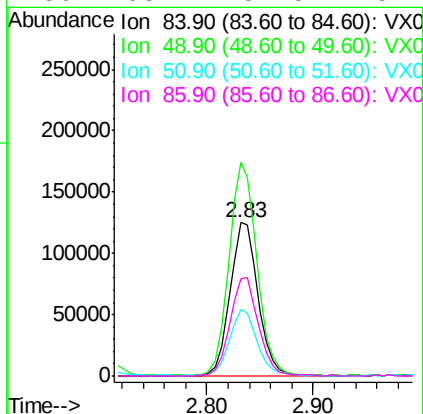
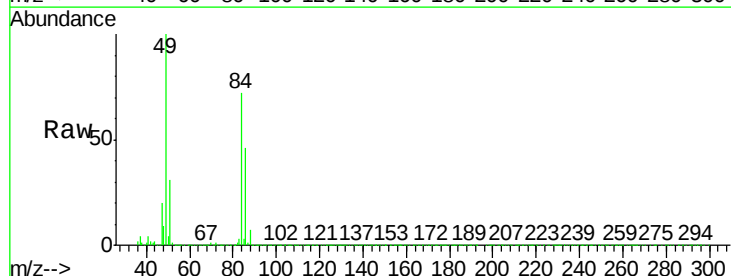
Tot Ion: 73 Resp: 771938
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.9 26.9

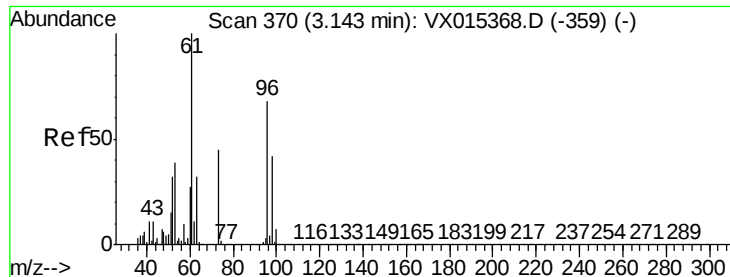


#20

Methylene Chloride
 Concen: 18.287 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. -0.00 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

Tgt Ion: 84 Resp: 228793
 Ion Ratio Lower Upper
 84 100
 49 139.4 111.3 166.9
 51 43.4 34.0 51.0
 86 63.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.853 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

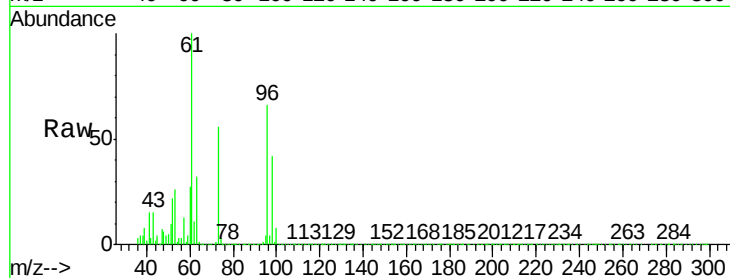
Tot Ion: 96 Resp: 218361

Ion Ratio Lower Upper

96 100

61 150.7 116.9 175.3

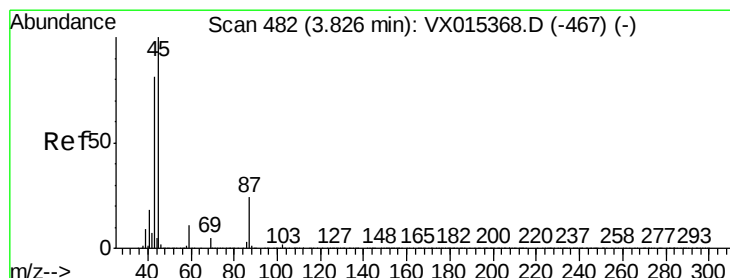
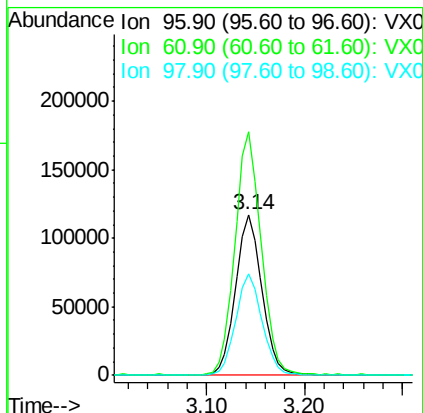
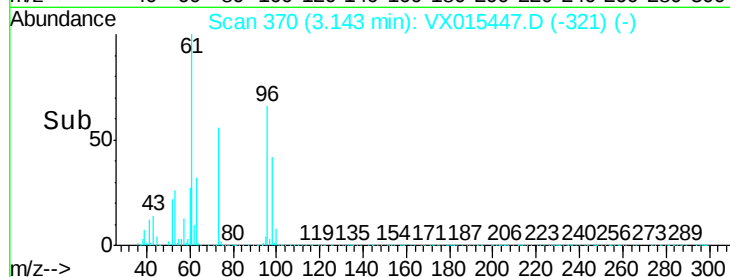
98 62.7 48.6 73.0



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: 19.495 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Tgt Ion: 45 Resp: 842399

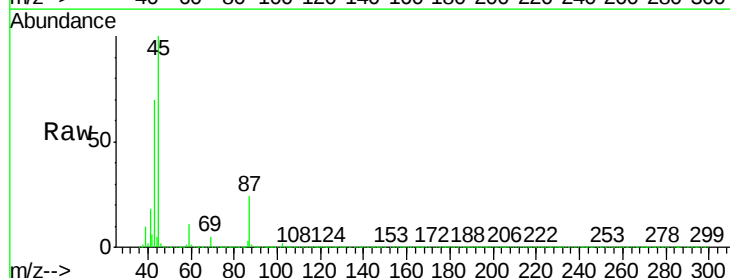
Ion Ratio Lower Upper

45 100

43 69.6 64.7 97.1

87 24.2 19.4 29.0

59 10.7 8.7 13.1

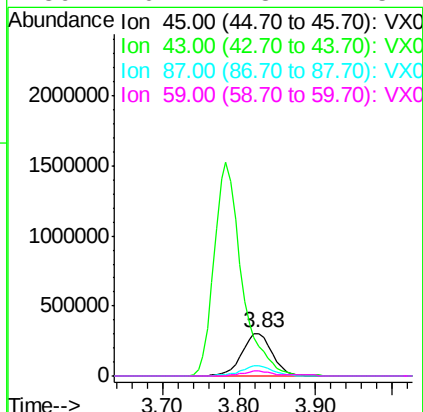
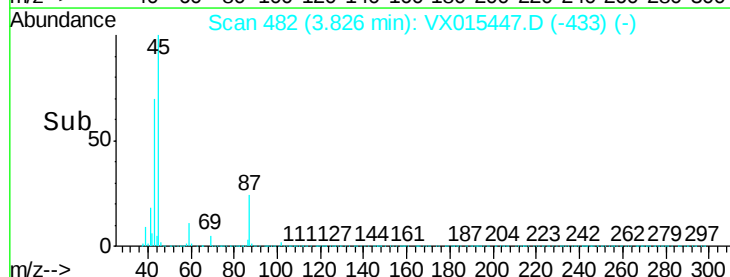


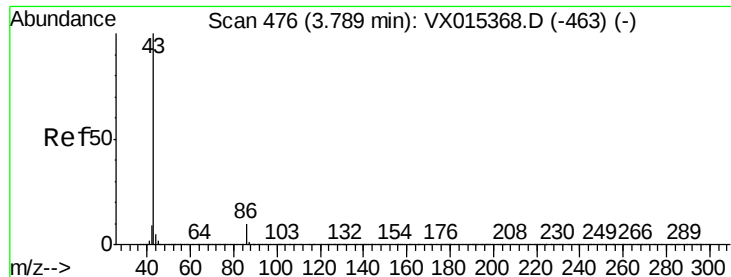
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 97.851 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

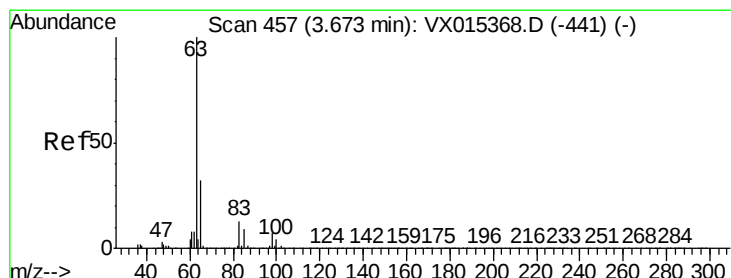
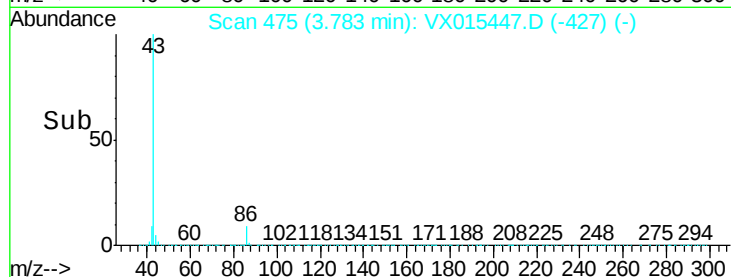
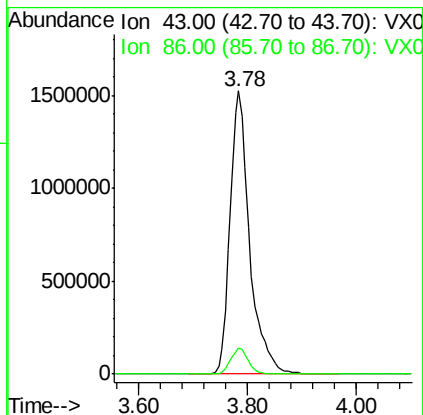
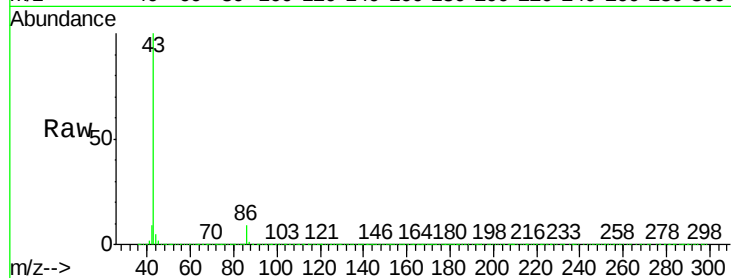
VX0331WBSD01

Tot Ion: 43 Resp: 3828271

Ion Ratio Lower Upper

43 100

86 9.0 7.8 11.6



#24

1,1-Dichloroethane

Concen: 18.547 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

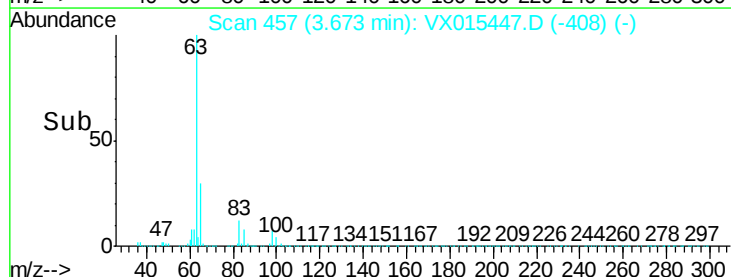
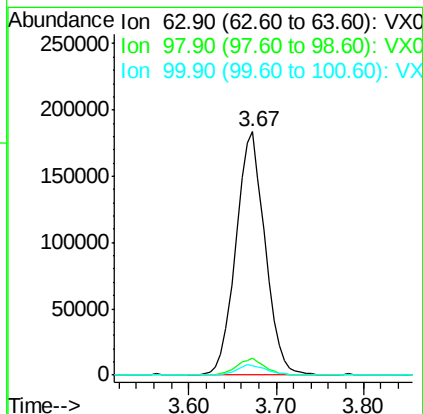
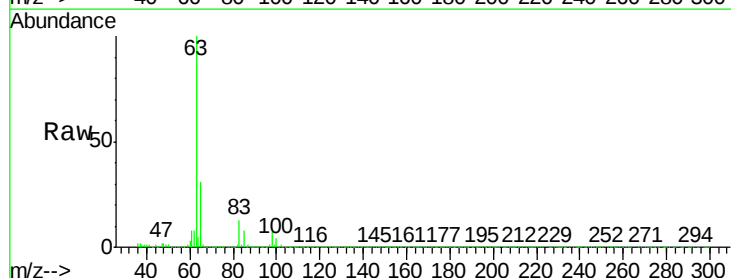
Tgt Ion: 63 Resp: 421968

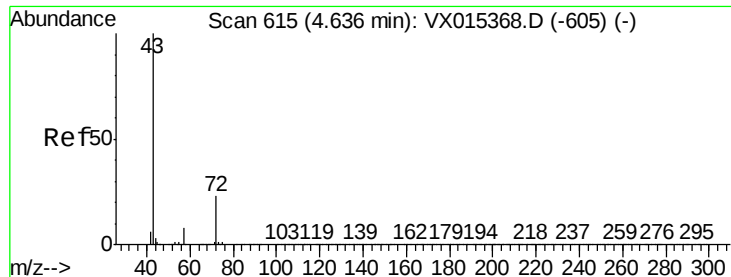
Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

100 3.9 2.1 6.5

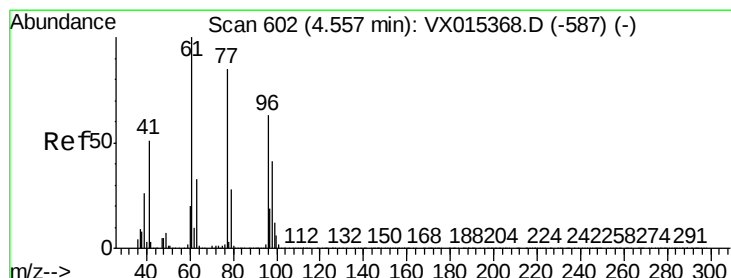
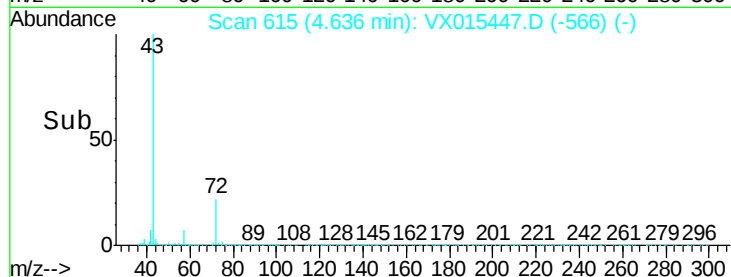
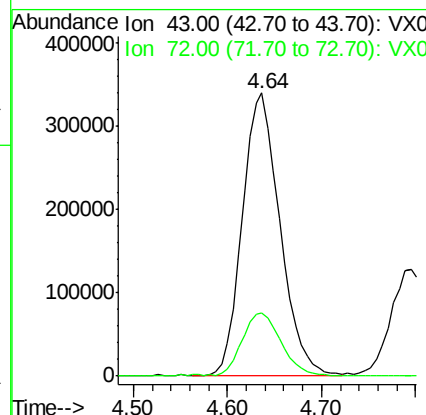
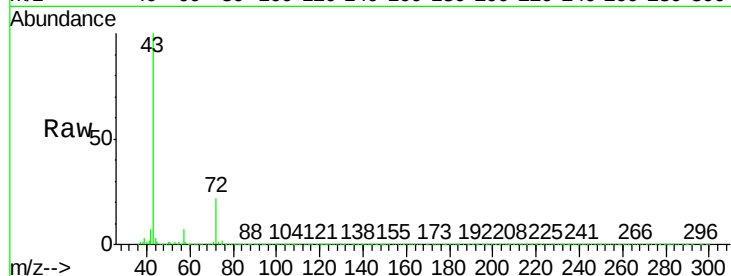




#25
2-Butanone
Concen: 86.917 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

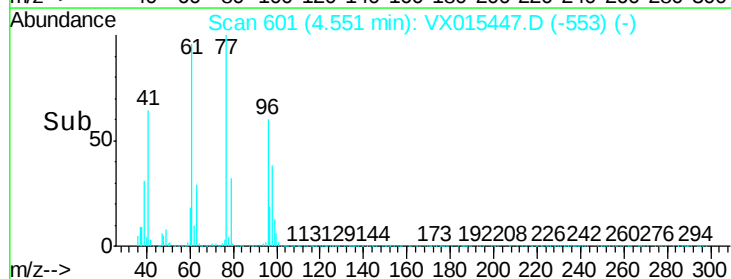
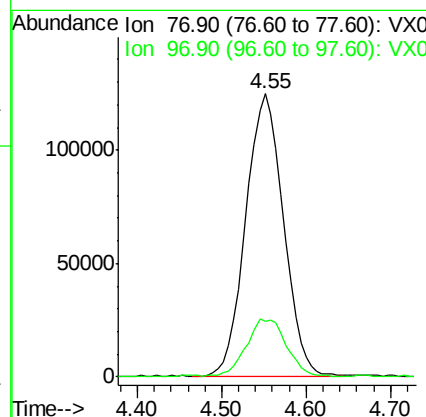
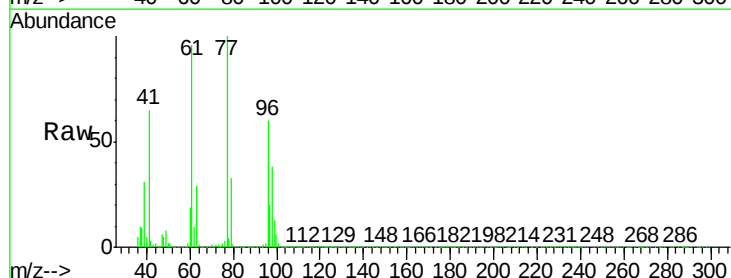
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

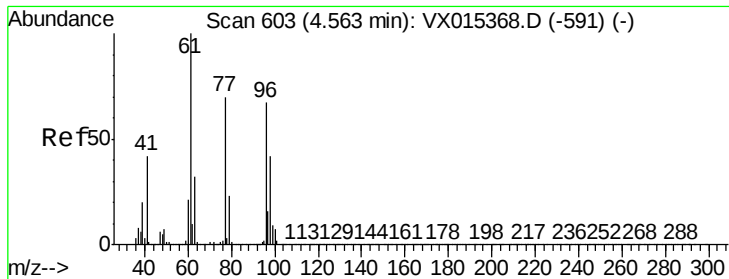
Tot Ion: 43 Resp: 936272
Ion Ratio Lower Upper
43 100
72 22.2 19.0 28.4



#26
2,2-Dichloropropane
Concen: 20.276 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion: 77 Resp: 378645
Ion Ratio Lower Upper
77 100
97 21.4 11.3 33.8



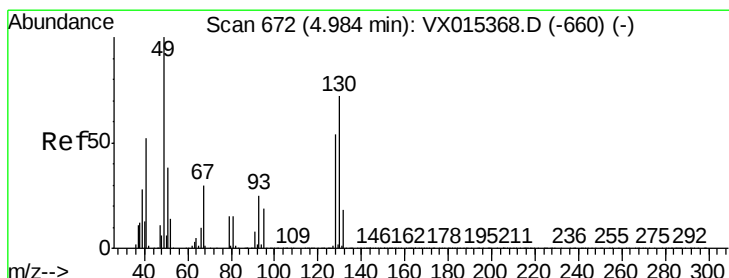
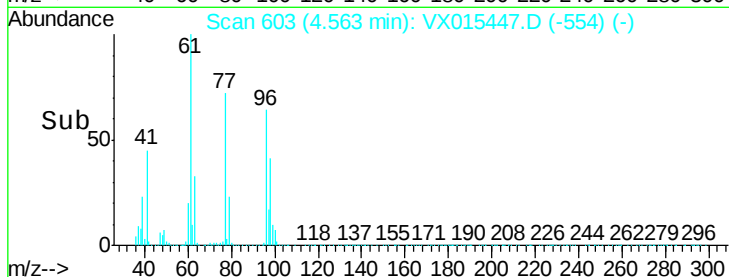
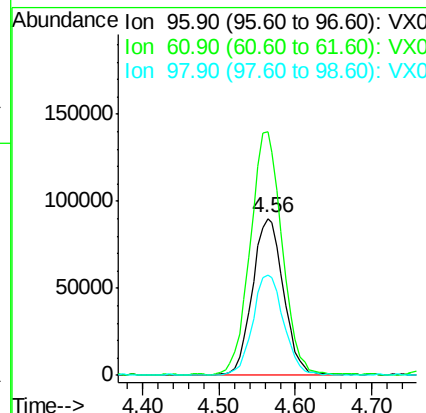
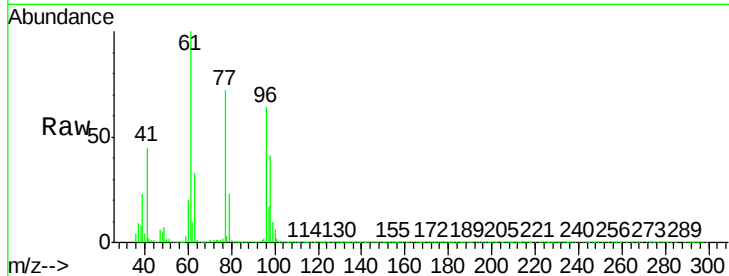


#27

cis-1,2-Dichloroethene
 Concen: 18.981 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

Instrument :
 MSVOA_X
 ClientSampled :
 VX0331WBSD01

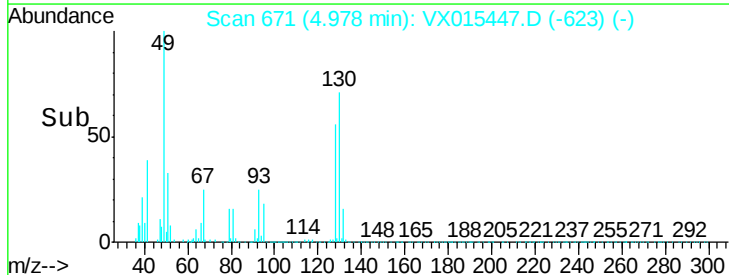
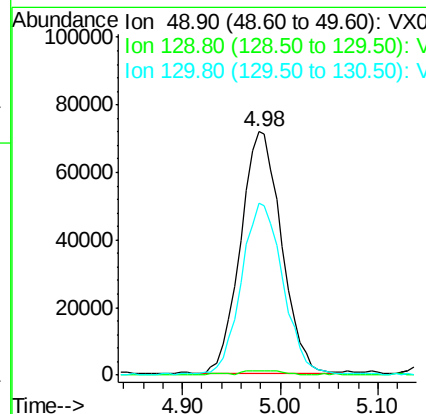
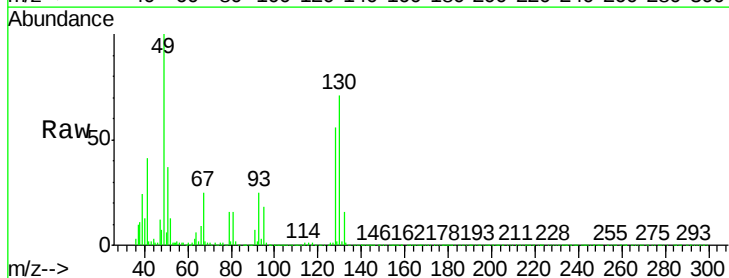
Tot Ion	Ratio	Lower	Upper
96	100		
61	158.2	0.0	308.4
98	64.5	0.0	129.2

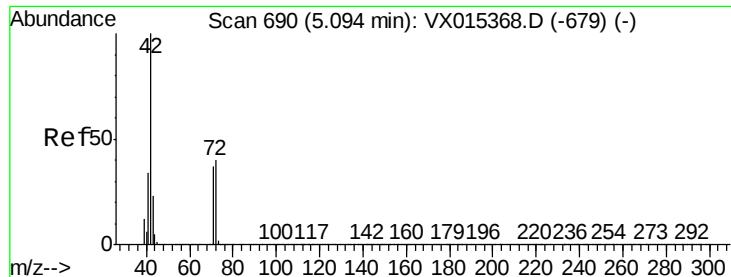


#28

Bromochloromethane
 Concen: 19.229 ug/l
 RT: 4.98 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	71.8	57.7	86.5





#29

Tetrahydrofuran

Concen: 85.856 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

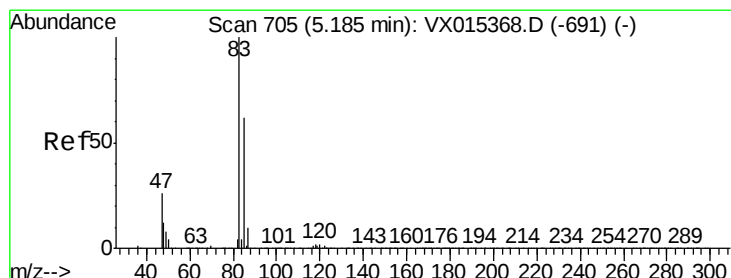
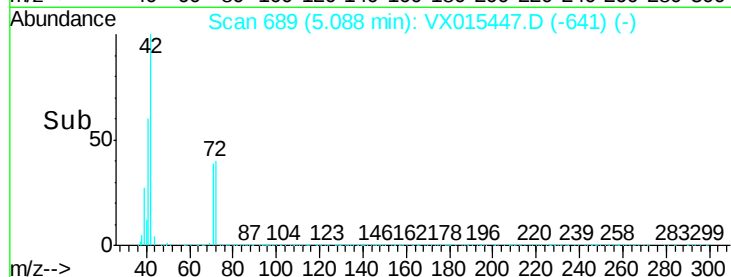
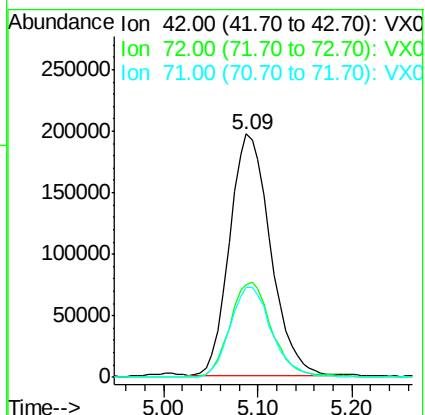
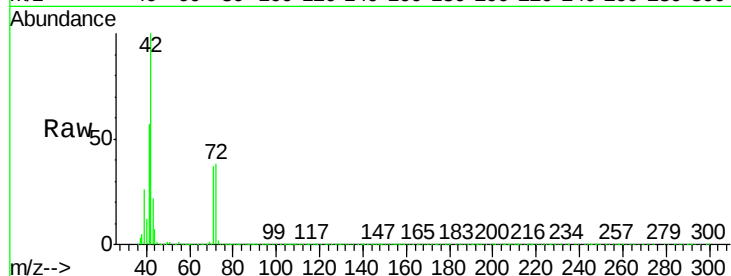
Tot Ion: 42 Resp: 594558

Ion Ratio Lower Upper

42 100

72 41.0 31.7 47.5

71 37.4 29.6 44.4



#30

Chloroform

Concen: 18.992 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015447.D

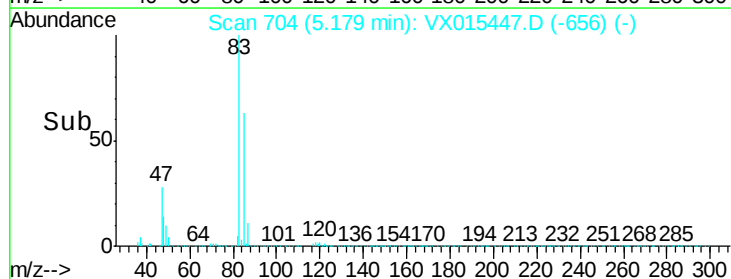
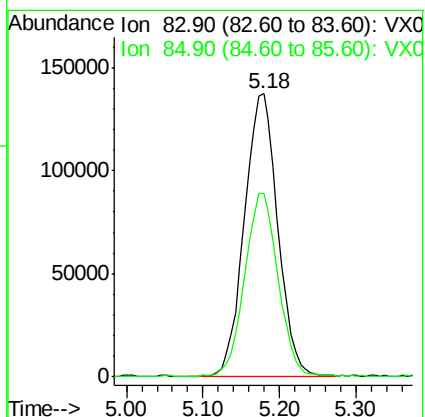
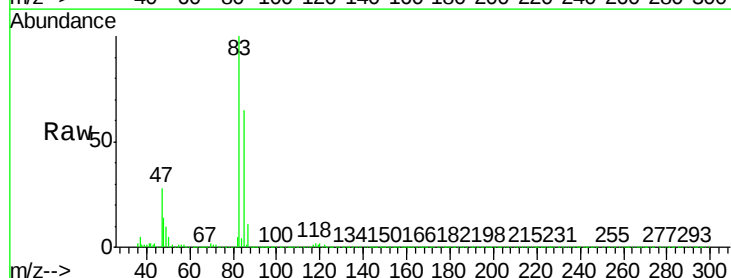
Acq: 31 Mar 2020 12:42

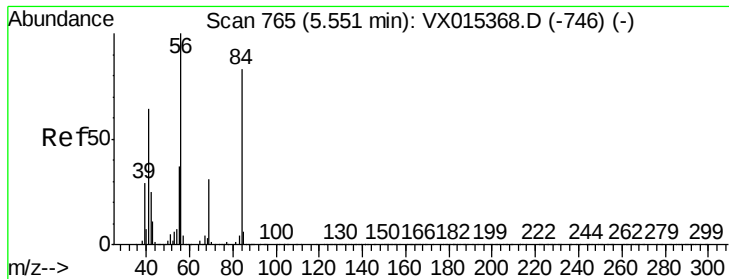
Tgt Ion: 83 Resp: 415712

Ion Ratio Lower Upper

83 100

85 64.5 49.5 74.3

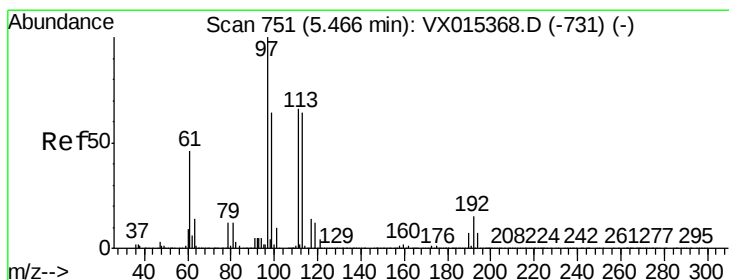
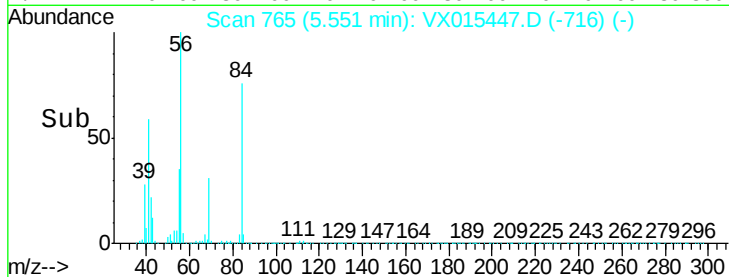
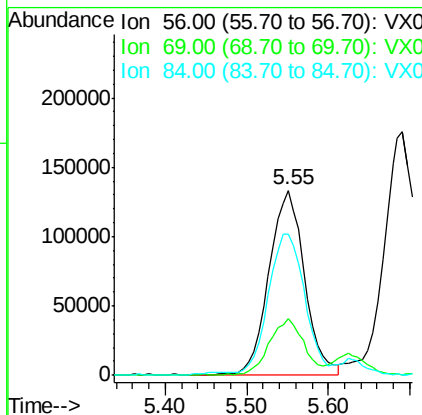
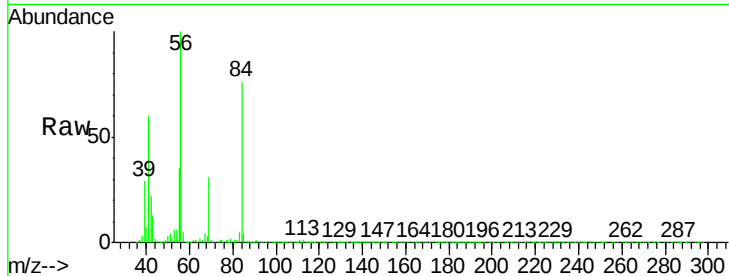




#31
Cyclohexane
Concen: 20.303 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

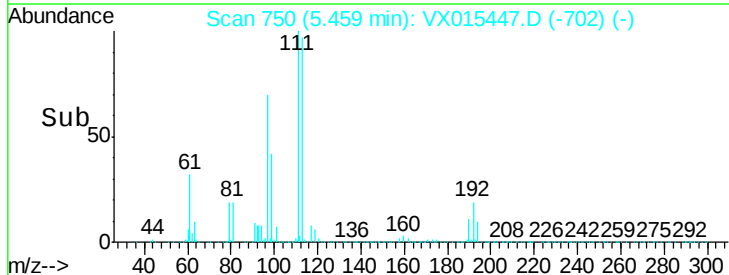
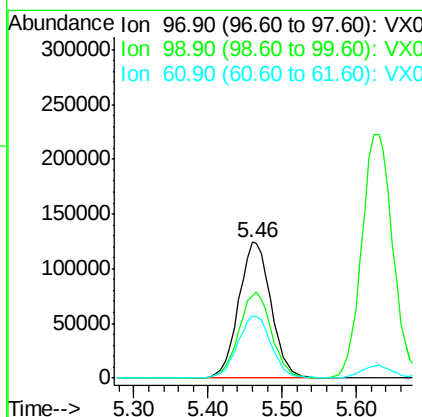
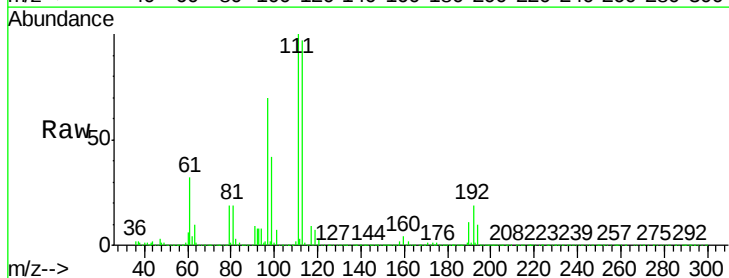
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

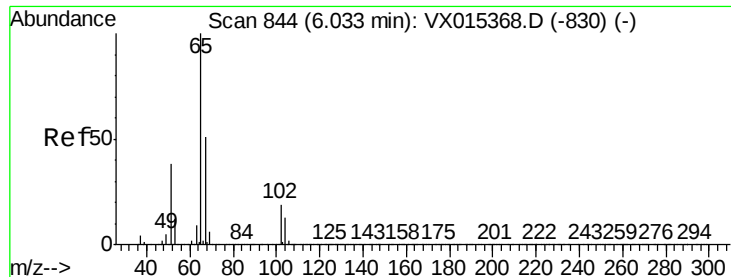
Tot Ion: 56 Resp: 400715
Ion Ratio Lower Upper
56 100
69 30.7 24.6 36.8
84 76.1 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 18.956 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion: 97 Resp: 375495
Ion Ratio Lower Upper
97 100
99 63.5 51.0 76.4
61 46.5 36.1 54.1

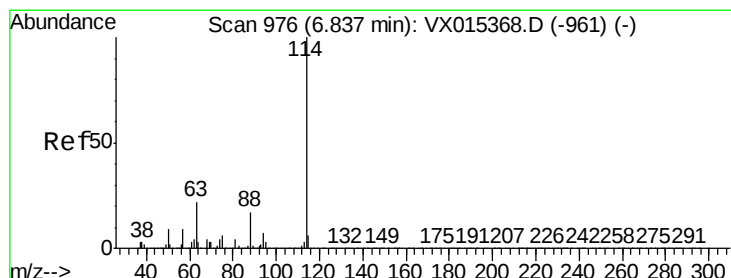
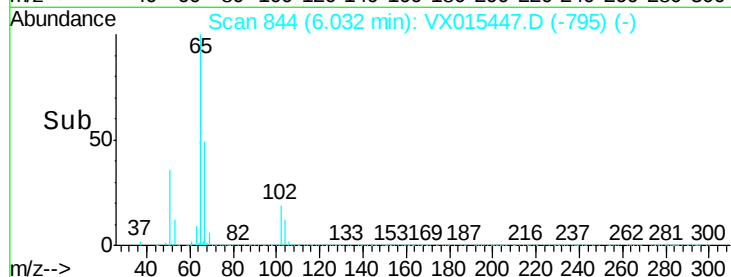
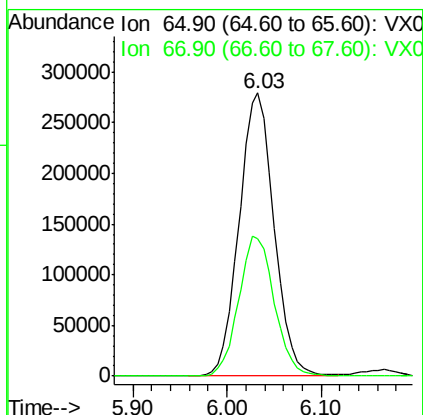
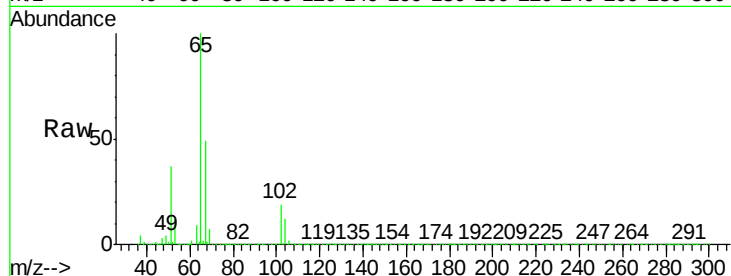




#33
 1,2-Dichloroethane-d4
 Concen: 46.337 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

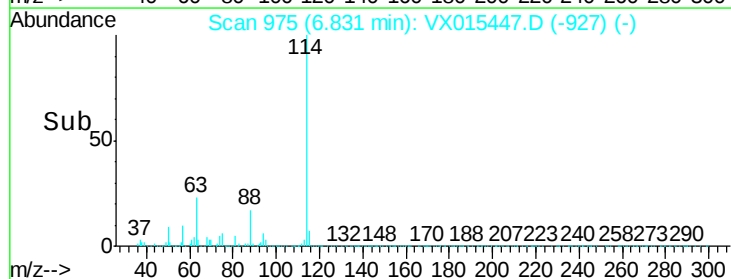
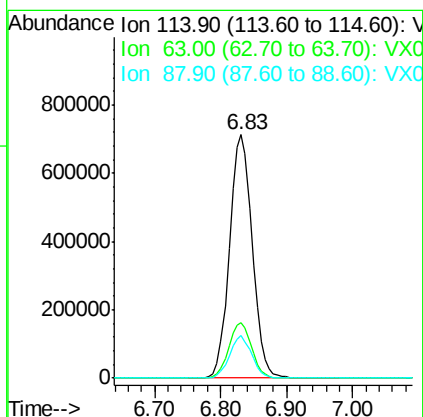
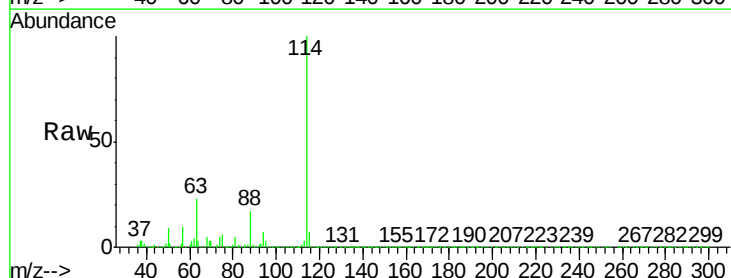
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD01

Tot Ion: 65 Resp: 722436
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

Tgt Ion: 114 Resp: 1695099
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.2
 88 17.3 0.0 33.8

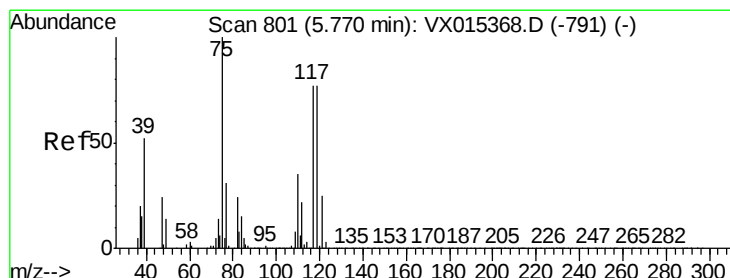
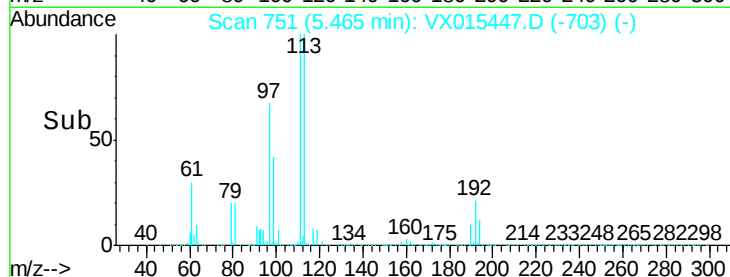
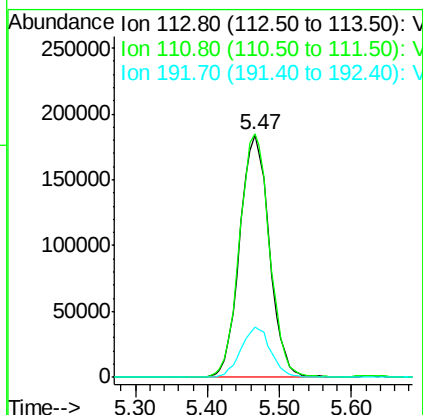
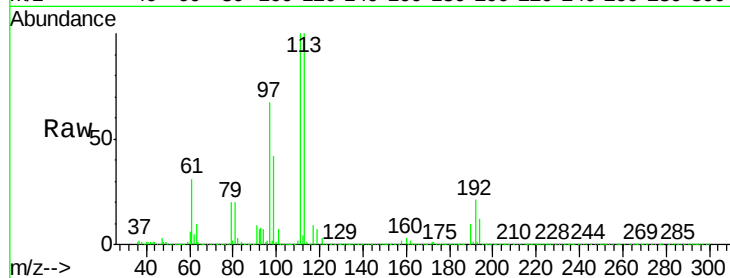




#35
 Dibromofluoromethane
 Concen: 48.503 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

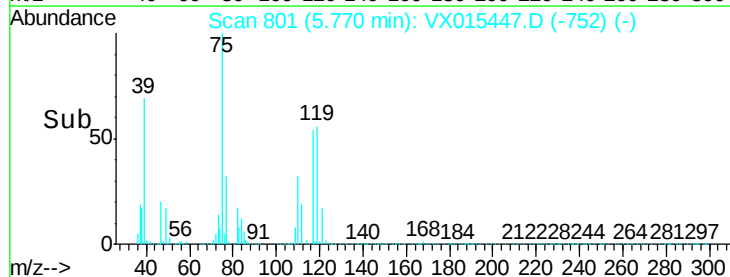
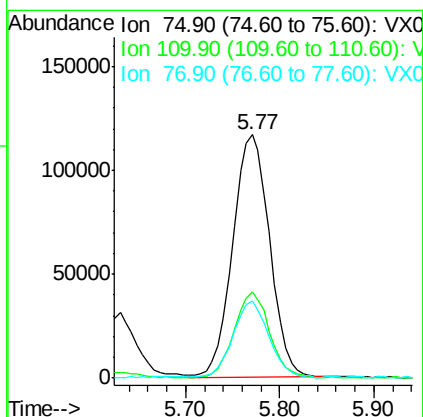
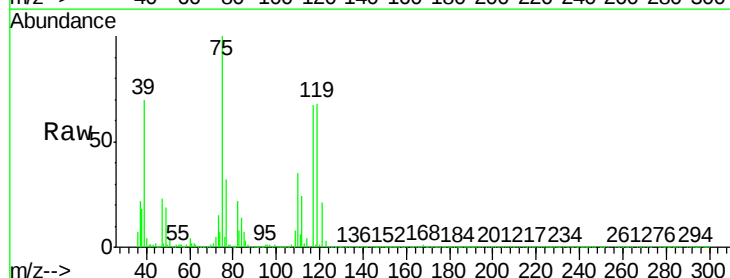
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD01

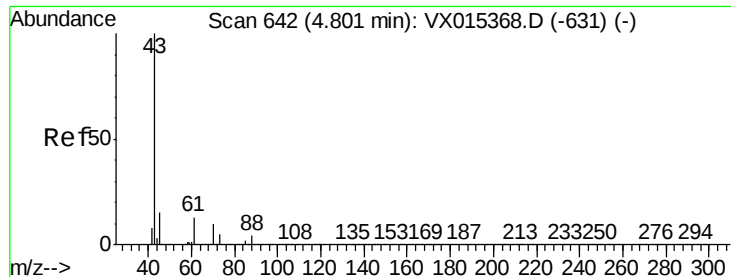
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.5	122.3
192	20.5	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 20.406 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.1	51.3
77	30.1	24.6	36.8

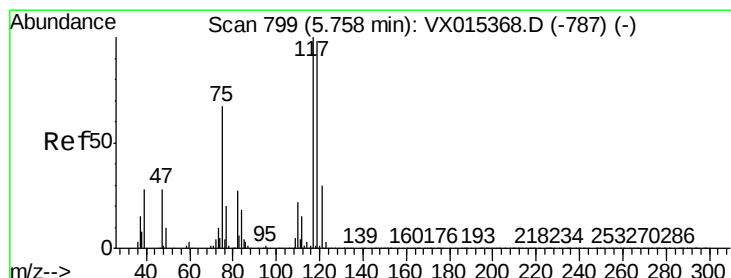
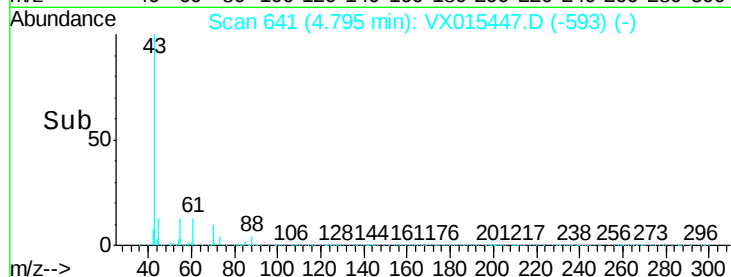
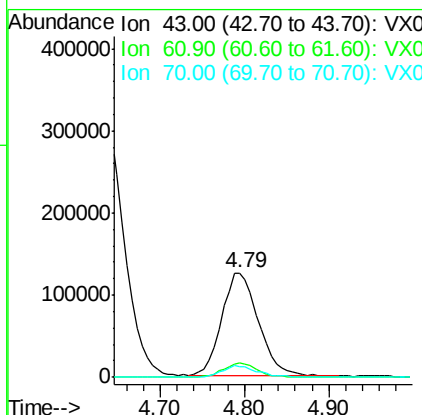
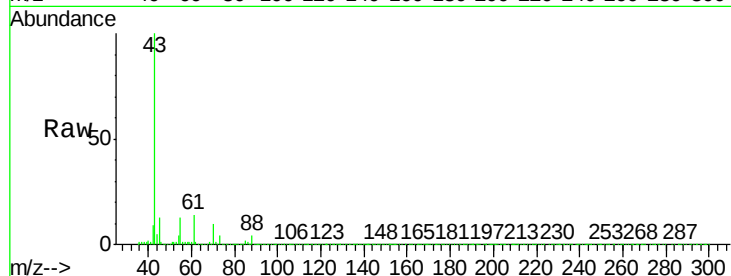




#37
Ethyl Acetate
Concen: 18.419 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

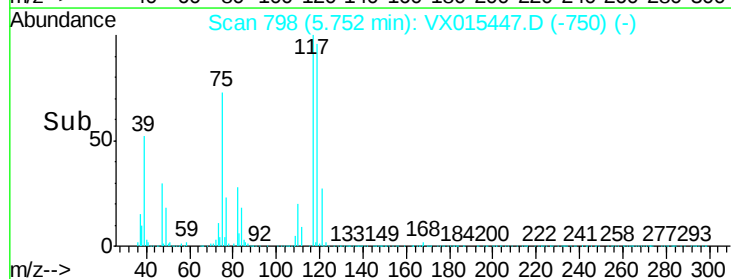
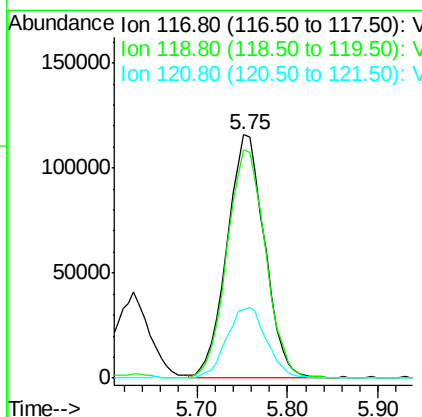
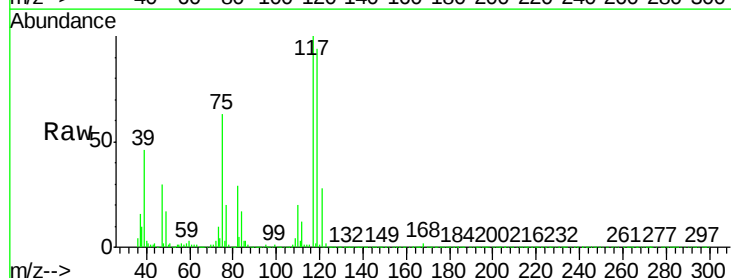
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

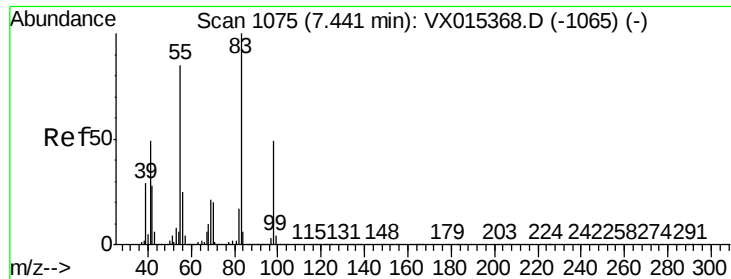
Tot Ion:	43	Resp:	374573
Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	10.2	8.1	12.1



#38
Carbon Tetrachloride
Concen: 19.625 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion:	117	Resp:	331983
Ion	Ratio	Lower	Upper
117	100		
119	93.8	78.0	117.0
121	28.0	23.8	35.8

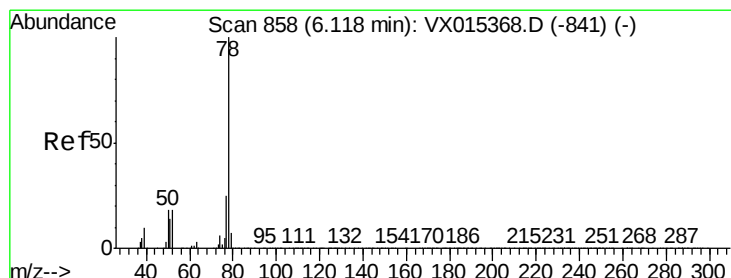
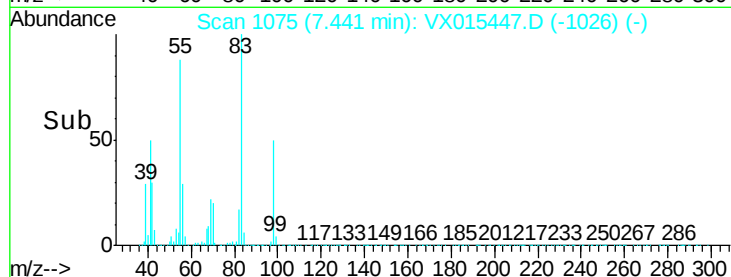
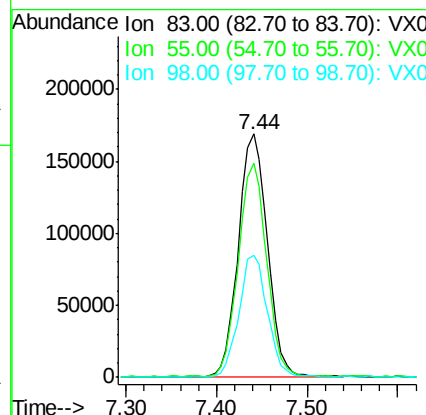
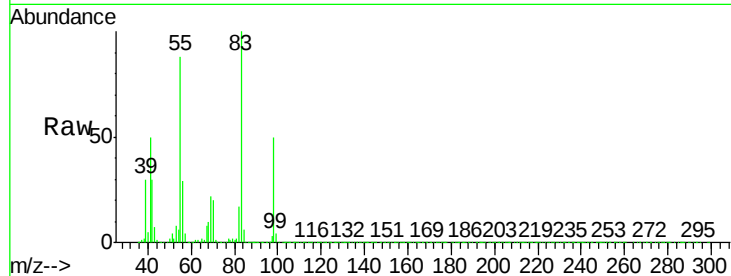




#39
Methvlcvclohexane
Concen: 20.763 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

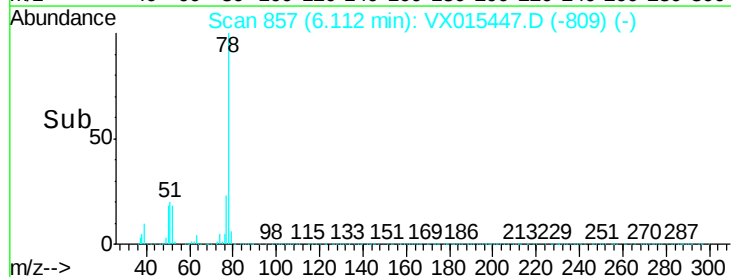
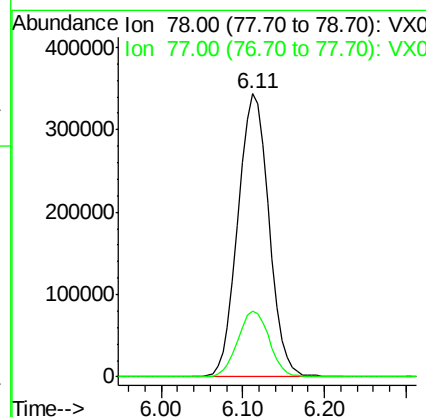
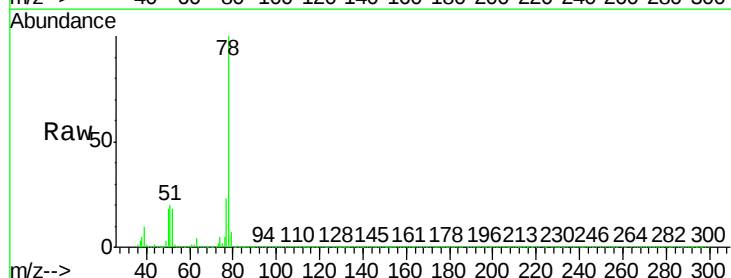
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

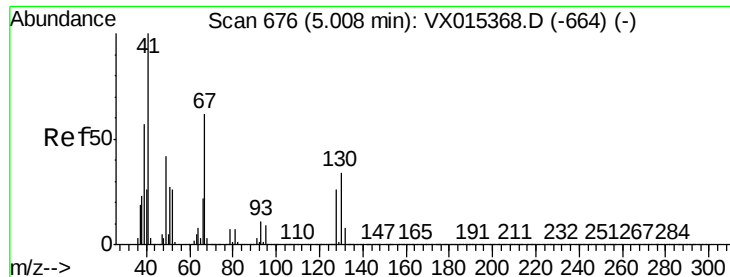
Tot Ion: 83 Resp: 373896
Ion Ratio Lower Upper
83 100
55 87.7 67.8 101.6
98 50.0 39.3 58.9



#40
Benzene
Concen: 19.701 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion: 78 Resp: 901358
Ion Ratio Lower Upper
78 100
77 23.2 19.8 29.8

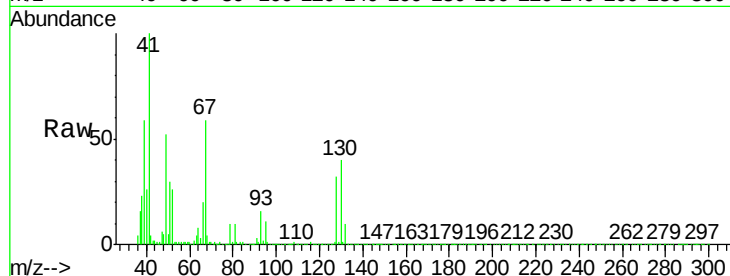




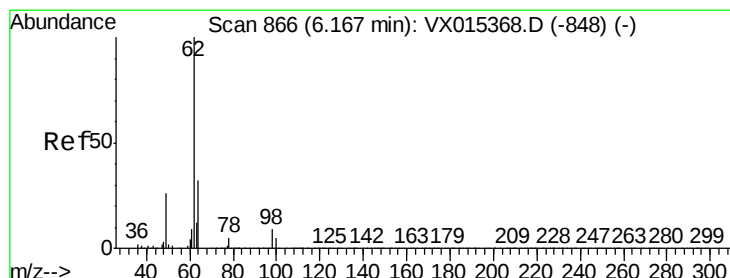
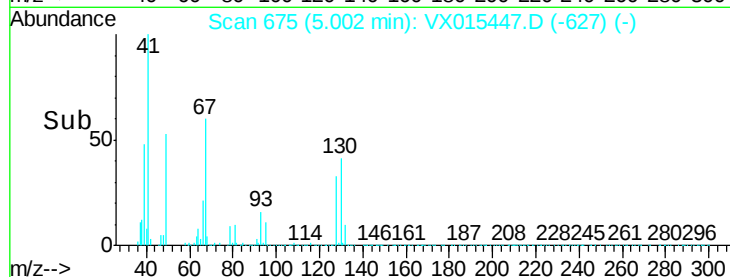
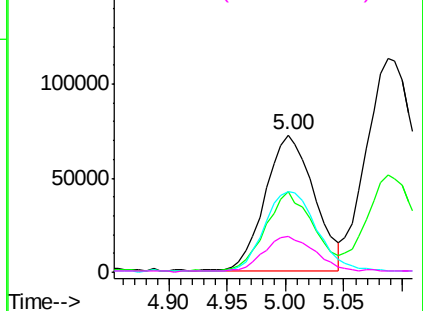
#41
Methacrylonitrile
Concen: 18.660 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tot Ion:	41	Resp:	210654
Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.5	66.7
67	63.0	48.9	73.3
52	27.5	21.8	32.6

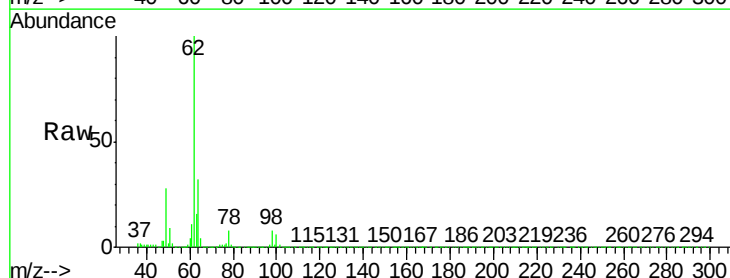


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

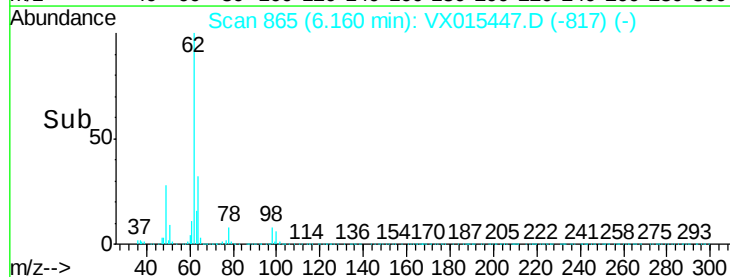
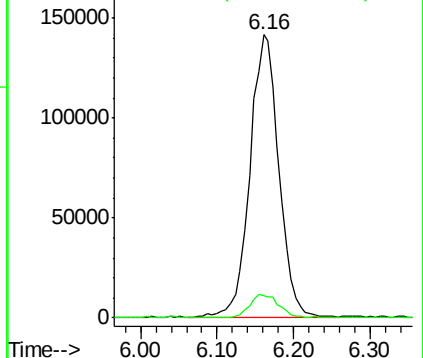


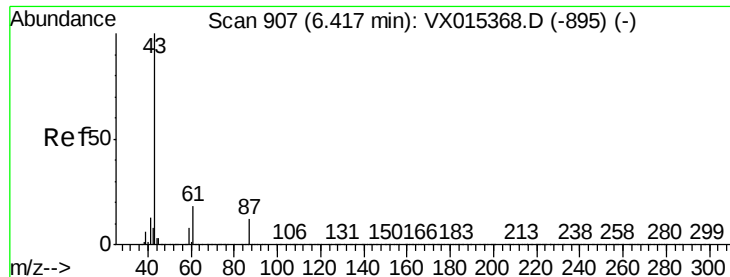
#42
1,2-Dichloroethane
Concen: 20.151 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion:	62	Resp:	370310
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	17.6



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



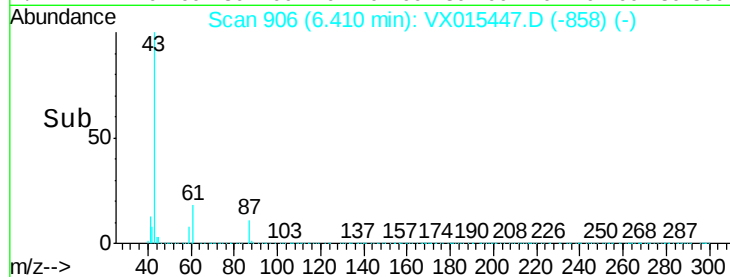
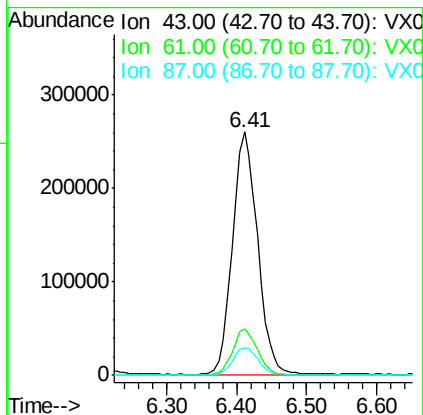
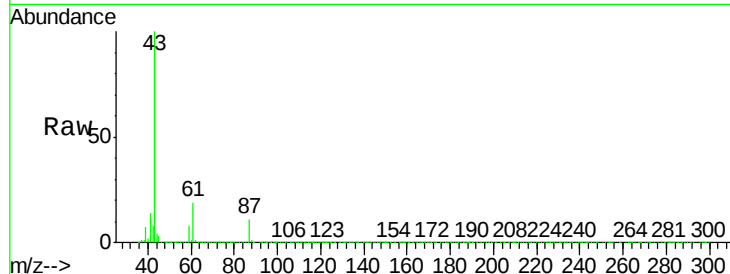


#43

Isopropyl Acetate
 Concen: 18.833 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD01

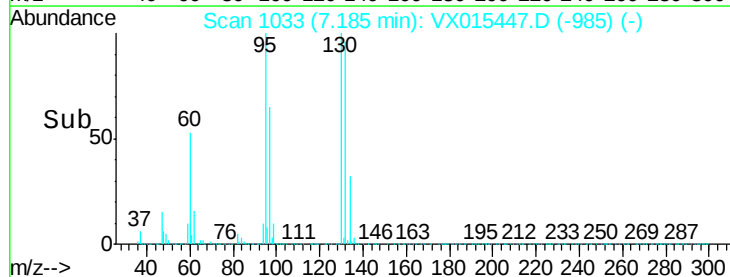
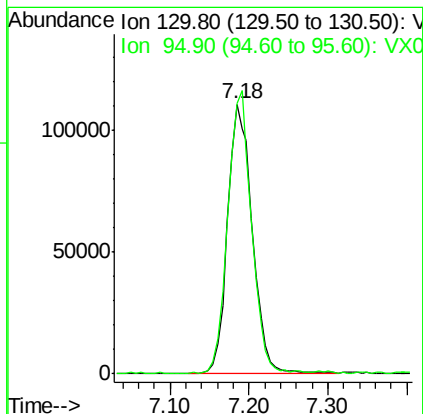
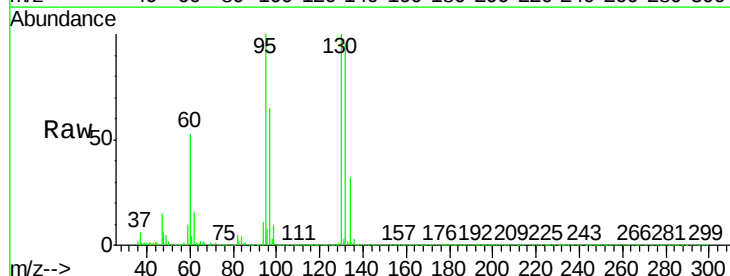
Tot Ion	43	Resp	646527
Ion Ratio	Lower	Upper	
43	100		
61	18.6	14.8	22.2
87	11.6	9.4	14.0

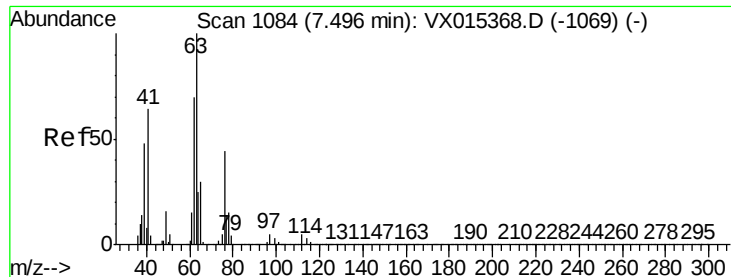


#44

Trichloroethene
 Concen: 19.457 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

Tgt Ion	130	Resp	242772
Ion Ratio	Lower	Upper	
130	100		
95	99.8	0.0	199.0





#45

1,2-Dichloropropane

Concen: 19.647 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

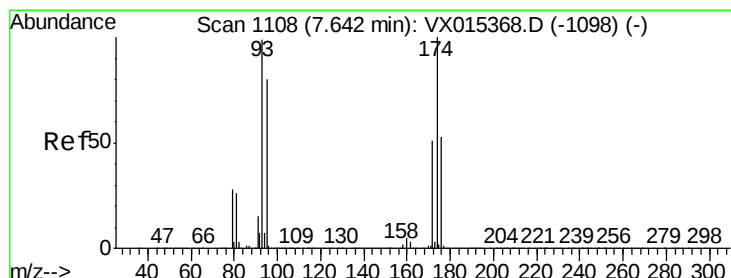
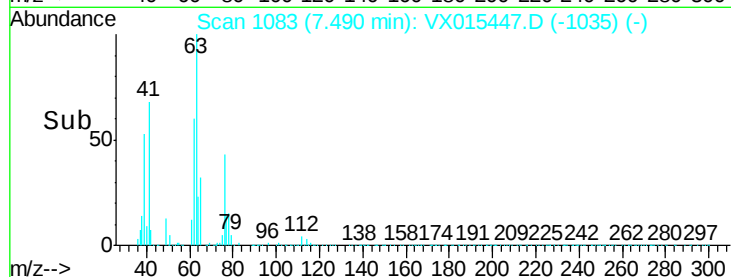
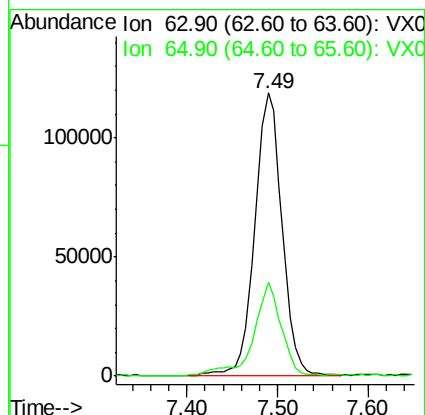
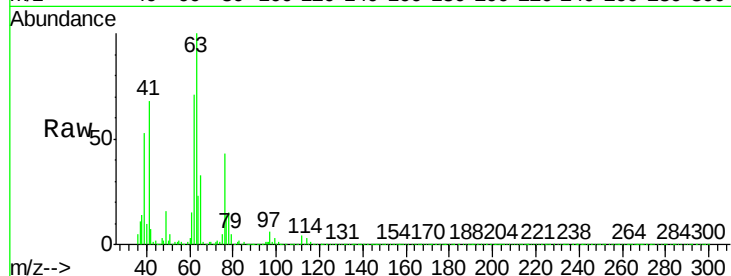
VX0331WBSD01

Tot Ion: 63 Resp: 245893

Ion Ratio Lower Upper

63 100

65 32.8 23.9 35.9



#46

Dibromomethane

Concen: 19.285 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

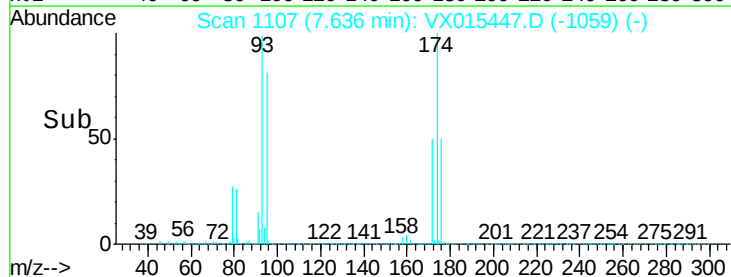
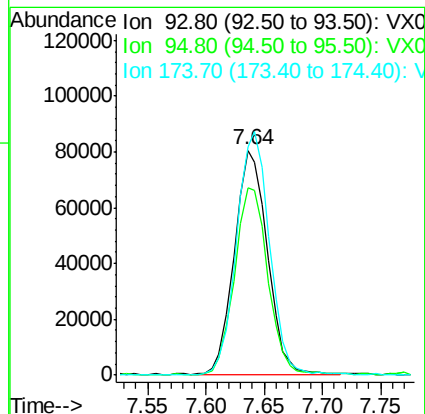
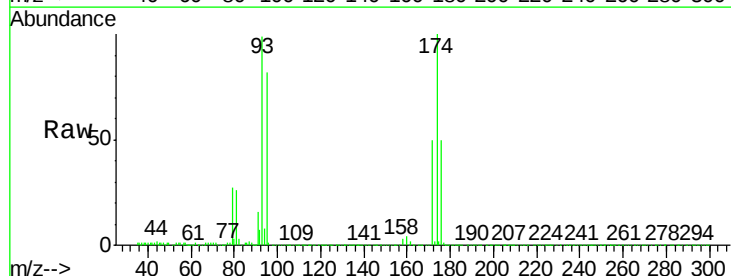
Tgt Ion: 93 Resp: 158327

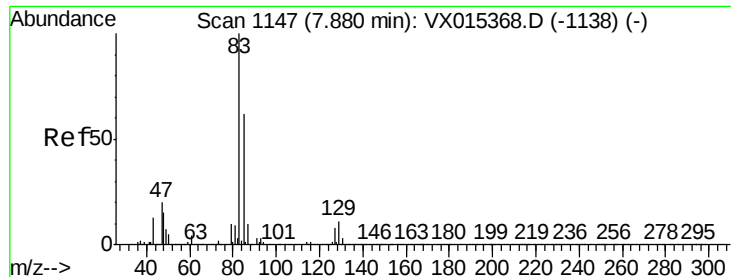
Ion Ratio Lower Upper

93 100

95 85.9 65.8 98.8

174 108.5 86.2 129.2





#47

Bromodichloromethane

Concen: 19.789 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

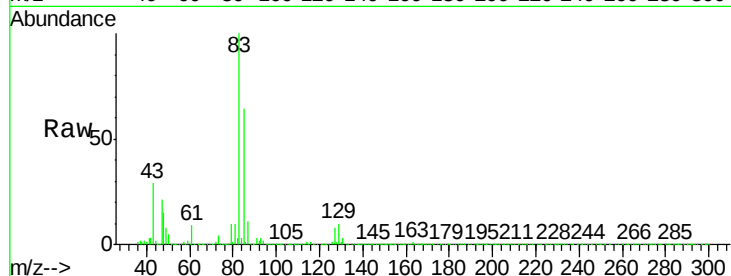
Tot Ion: 83 Resp: 346188

Ion Ratio Lower Upper

83 100

85 63.5 49.7 74.5

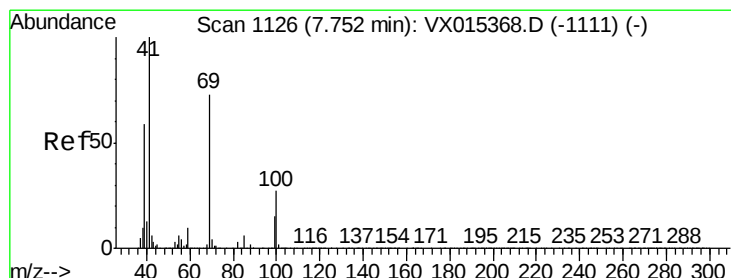
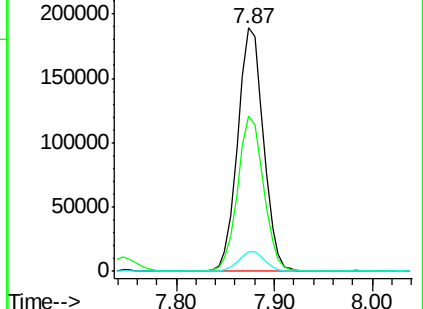
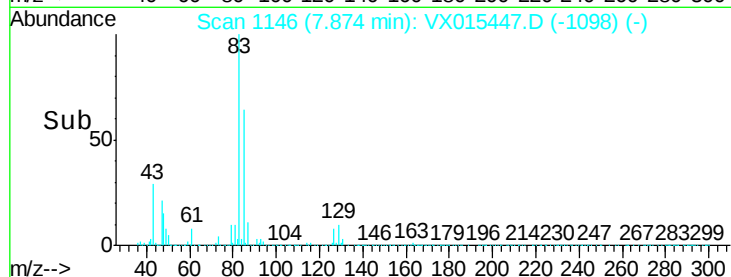
127 8.1 6.7 10.1



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: 18.601 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

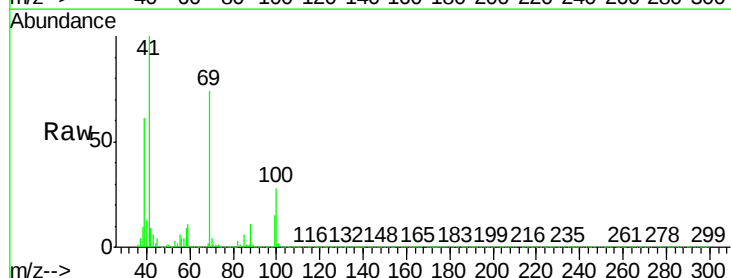
Tgt Ion: 41 Resp: 318956

Ion Ratio Lower Upper

41 100

69 71.3 56.7 85.1

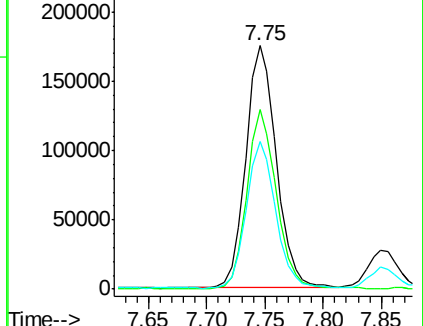
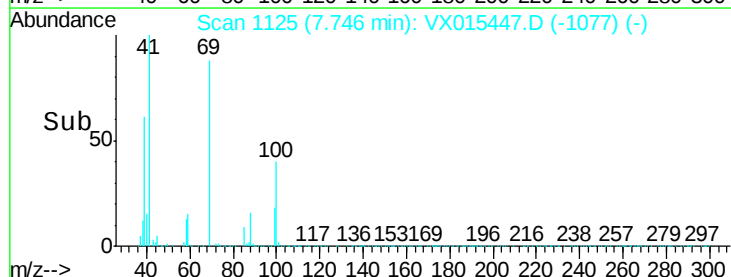
39 58.4 46.5 69.7

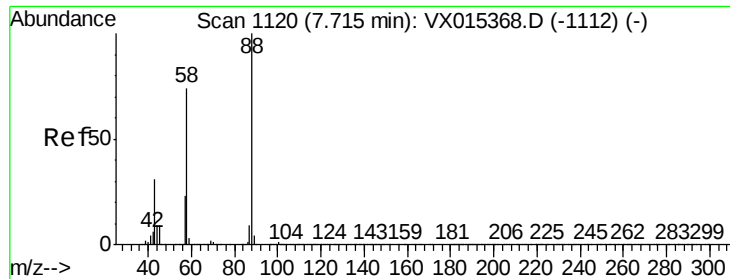


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 385.233 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

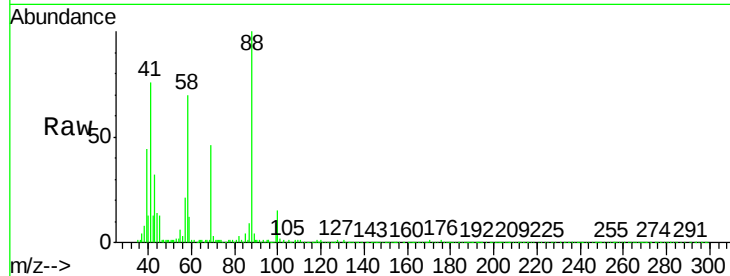
Tot Ion: 88 Resp: 123230

Ion Ratio Lower Upper

88 100

43 38.0 30.1 45.1

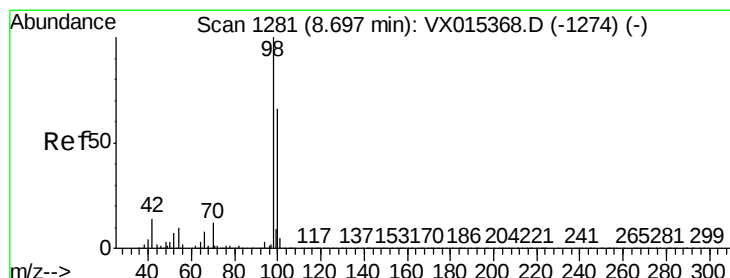
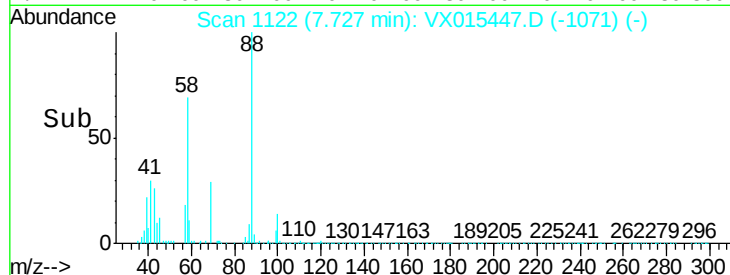
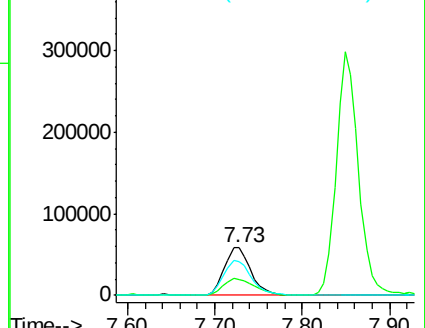
58 74.8 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.909 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015447.D

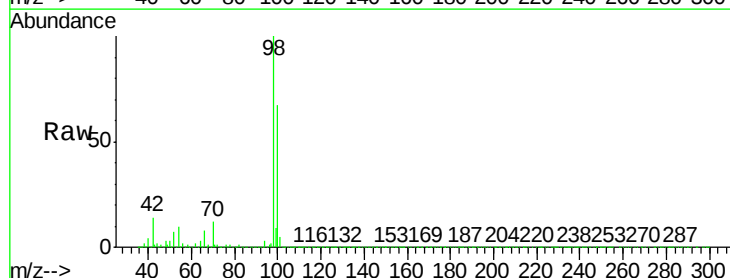
Acq: 31 Mar 2020 12:42

Tgt Ion: 98 Resp: 1911269

Ion Ratio Lower Upper

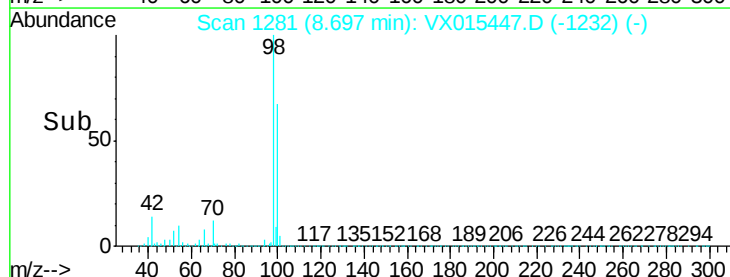
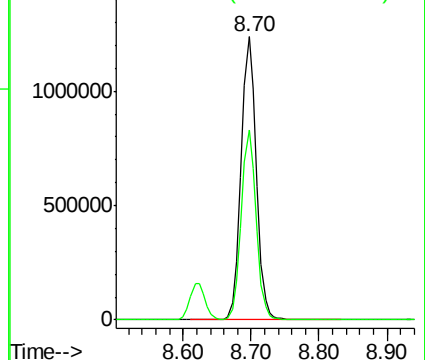
98 100

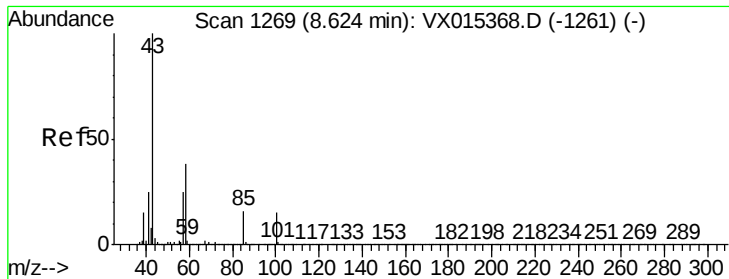
100 66.2 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 95.418 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

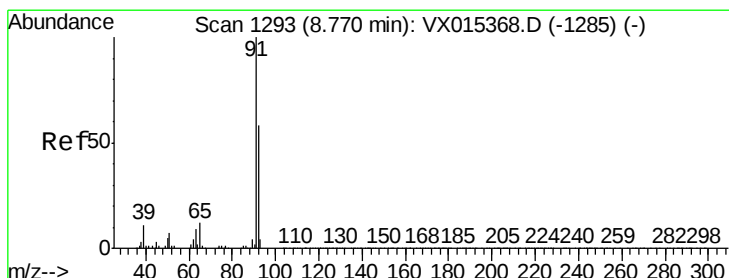
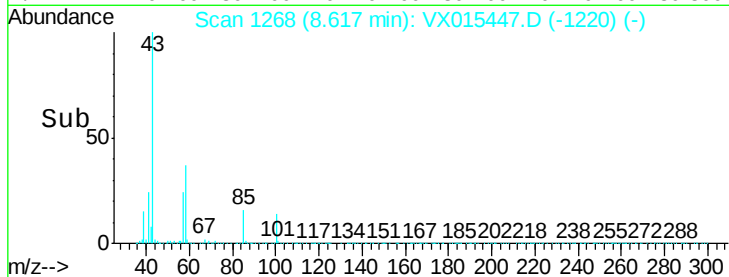
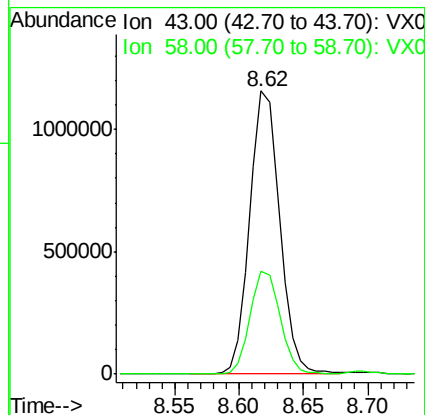
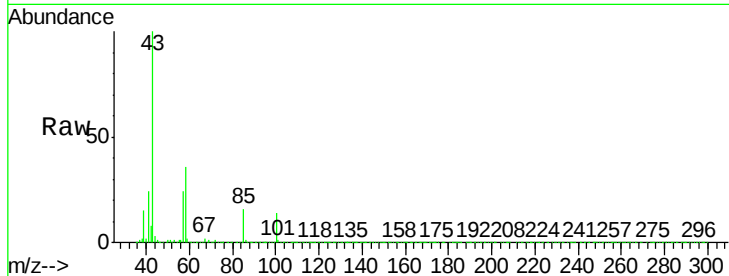
VX0331WBSD01

Tot Ion: 43 Resp: 1856398

Ion Ratio Lower Upper

43 100

58 36.6 29.7 44.5



#52

Toluene

Concen: 19.711 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015447.D

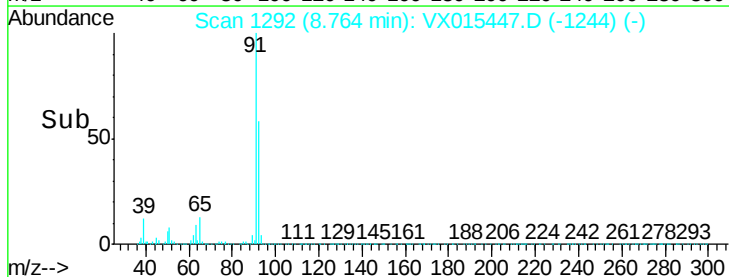
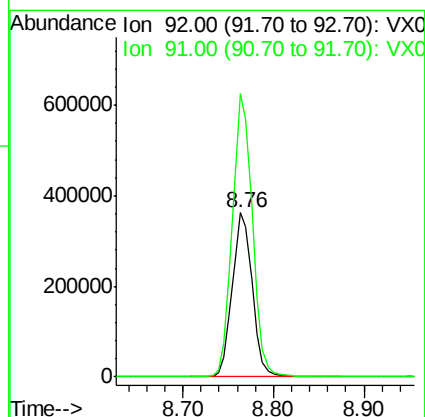
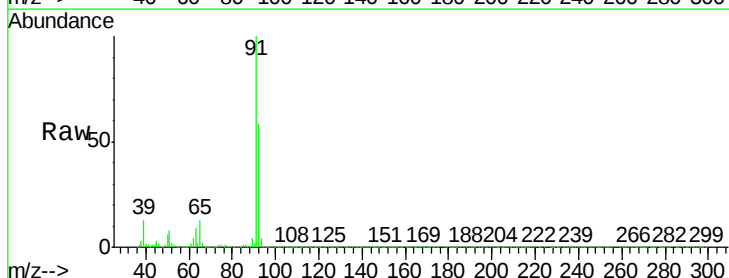
Acq: 31 Mar 2020 12:42

Tgt Ion: 92 Resp: 555992

Ion Ratio Lower Upper

92 100

91 172.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.090 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

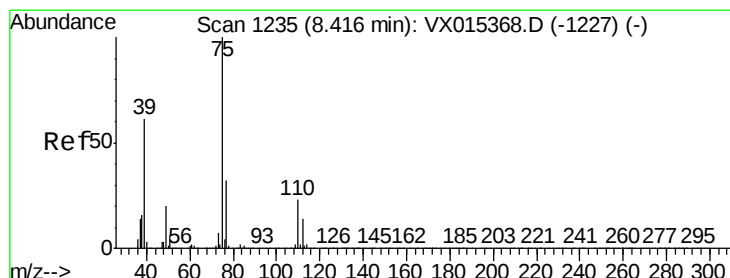
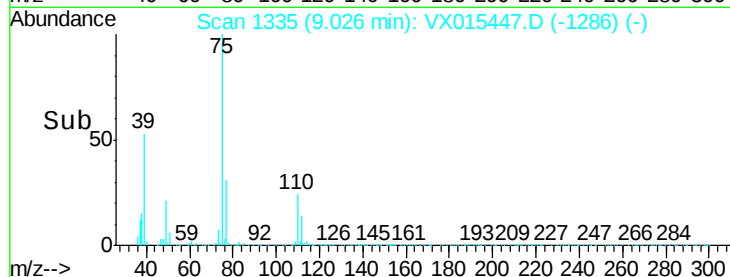
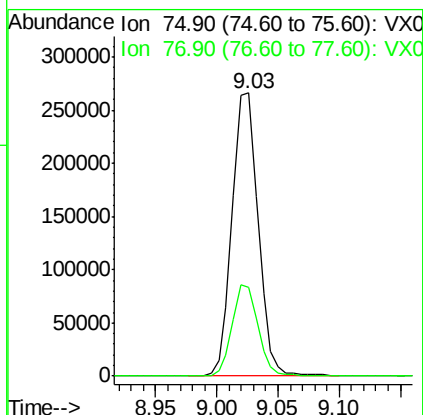
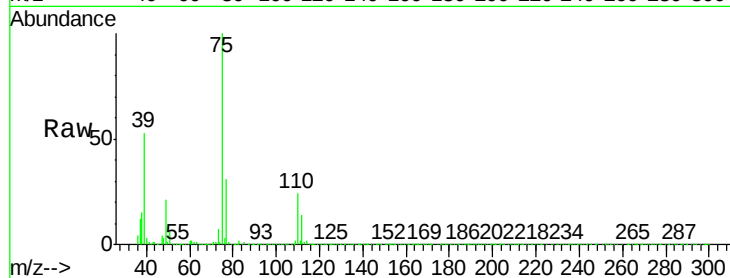
VX0331WBSD01

Tot Ion: 75 Resp: 391664

Ion Ratio Lower Upper

75 100

77 31.2 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.758 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

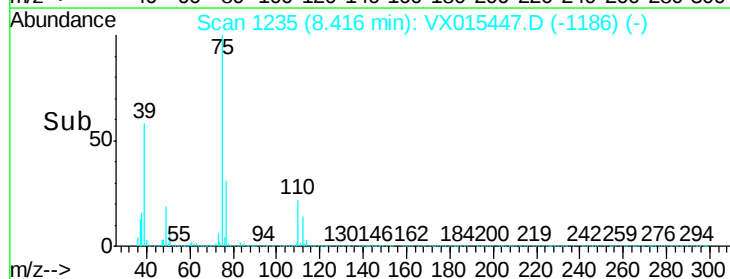
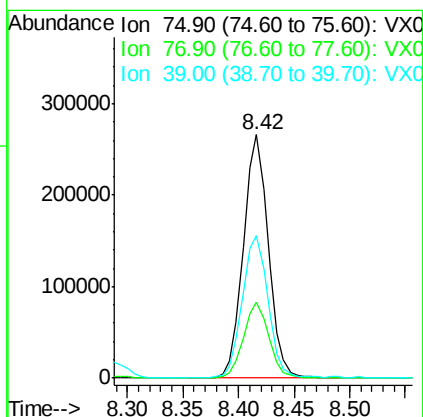
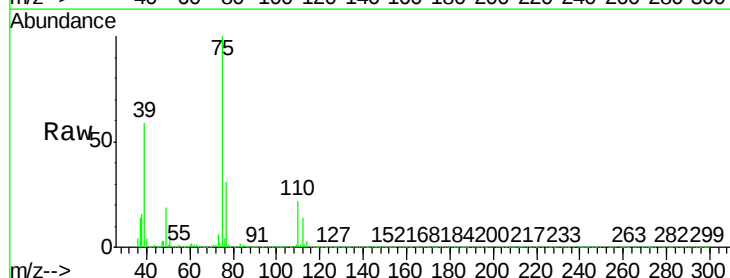
Tgt Ion: 75 Resp: 412935

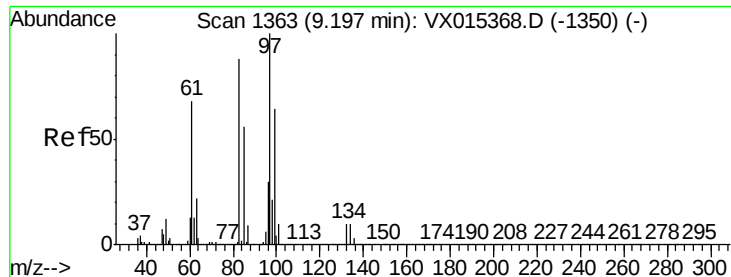
Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6

39 58.4 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 19.730 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

Tot Ion: 97 Resp: 228002

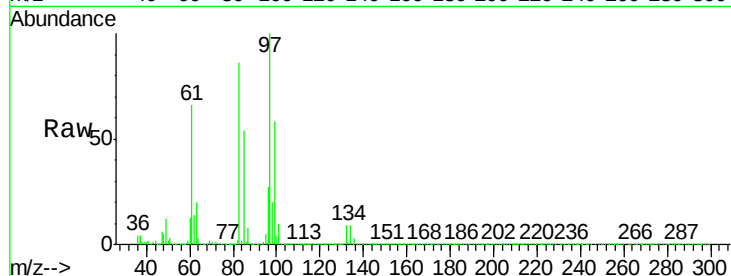
Ion Ratio Lower Upper

97 100

83 85.7 70.2 105.4

85 53.5 44.7 67.1

99 57.8 51.1 76.7

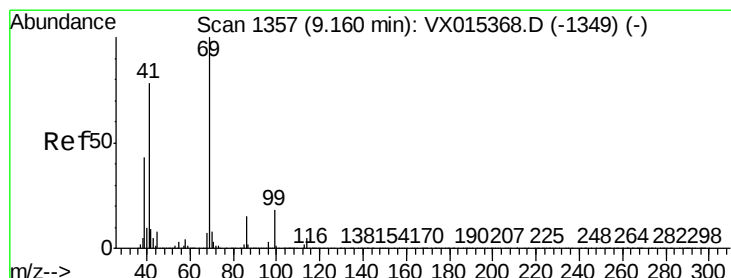
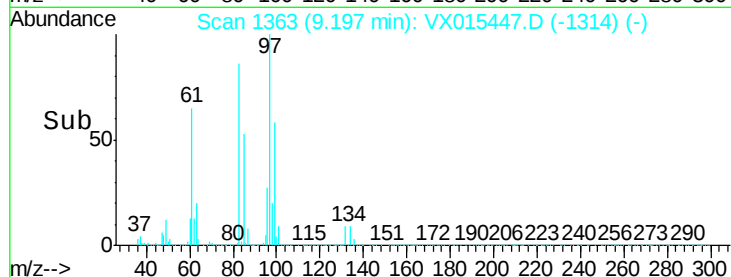
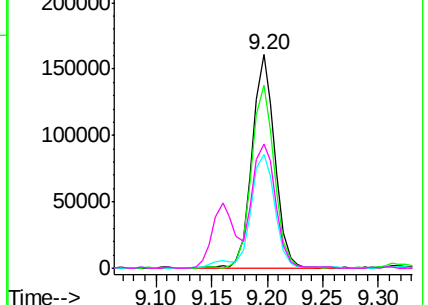


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.791 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

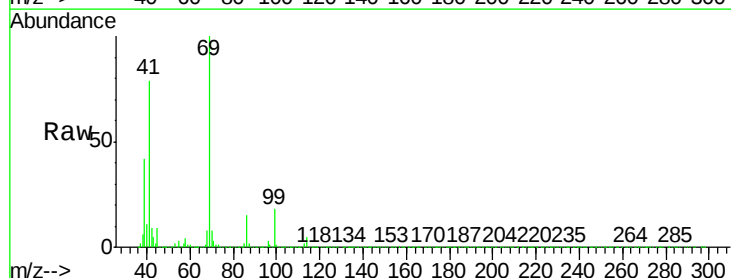
Tgt Ion: 69 Resp: 382702

Ion Ratio Lower Upper

69 100

41 77.9 61.6 92.4

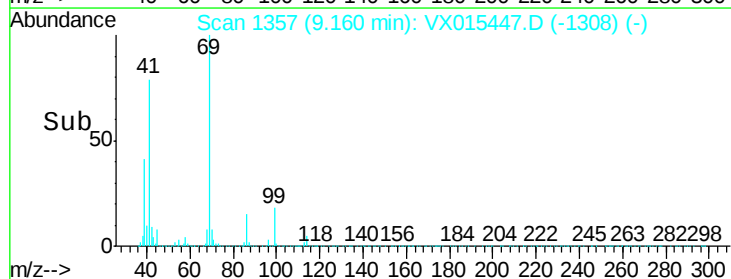
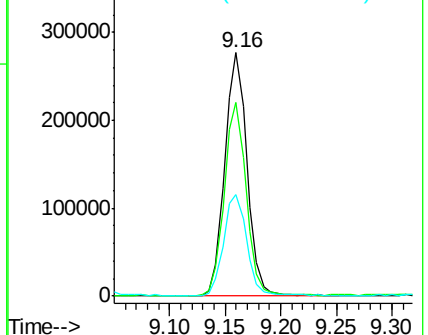
39 43.2 34.0 51.0

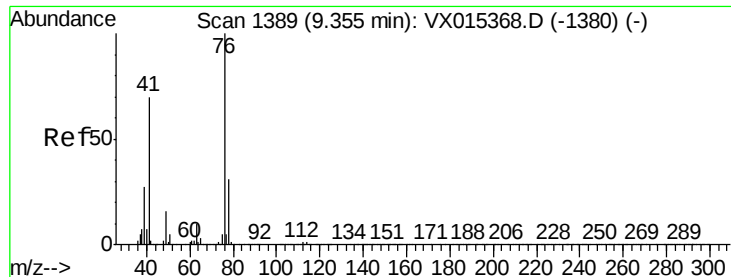


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.375 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

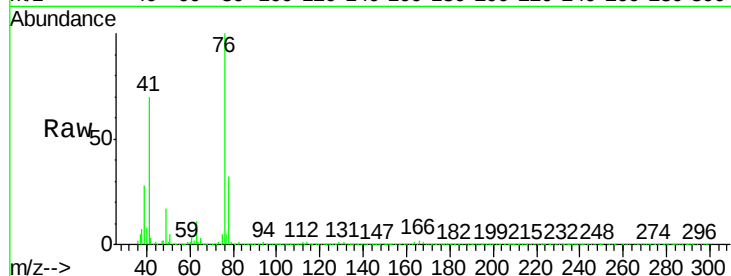
VX0331WBSD01

Tot Ion: 76 Resp: 403409

Ion Ratio Lower Upper

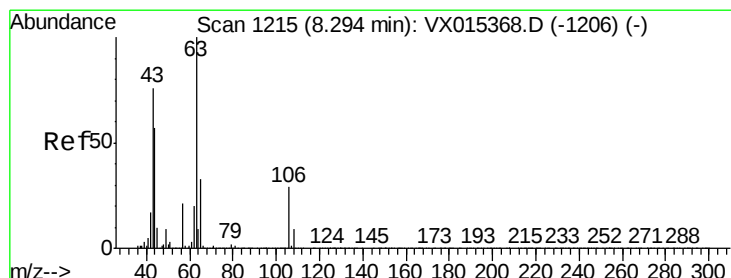
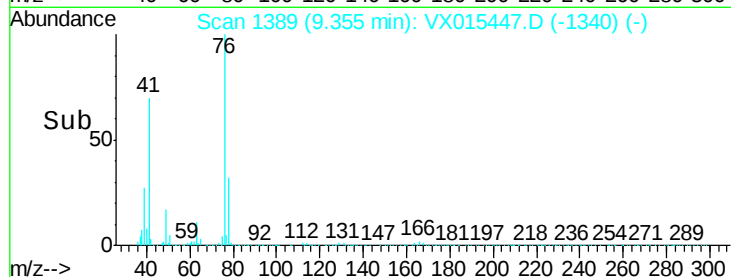
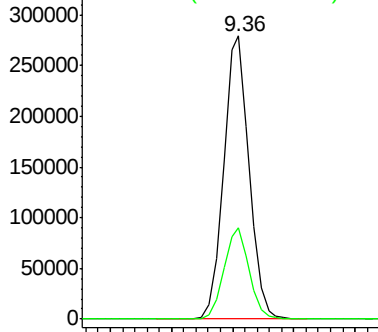
76 100

78 31.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 95.872 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015447.D

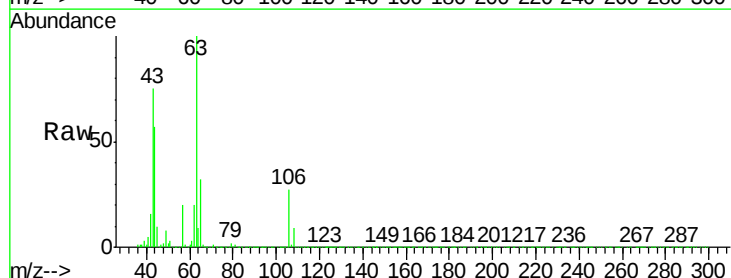
Acq: 31 Mar 2020 12:42

Tgt Ion: 63 Resp: 949747

Ion Ratio Lower Upper

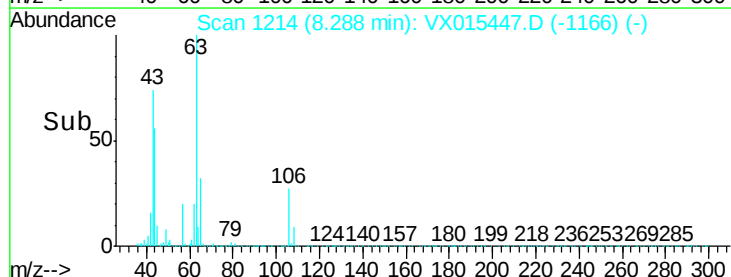
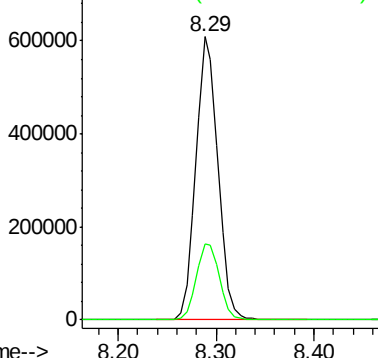
63 100

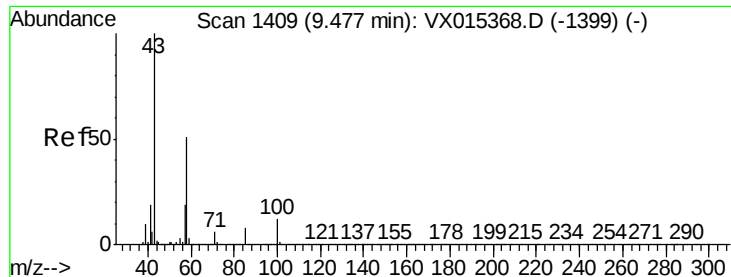
106 28.1 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

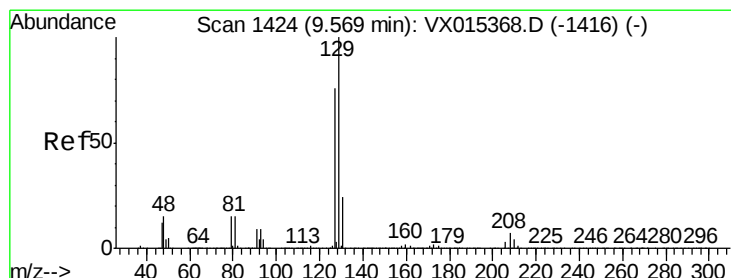
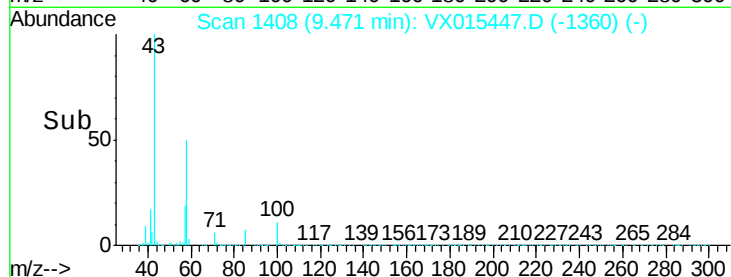
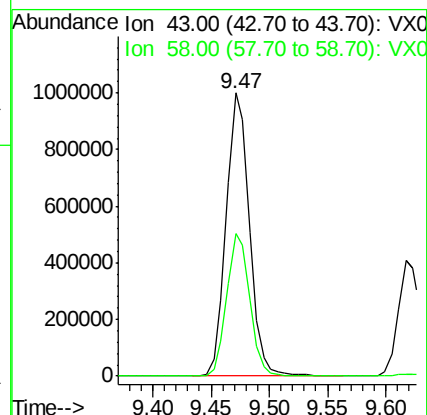
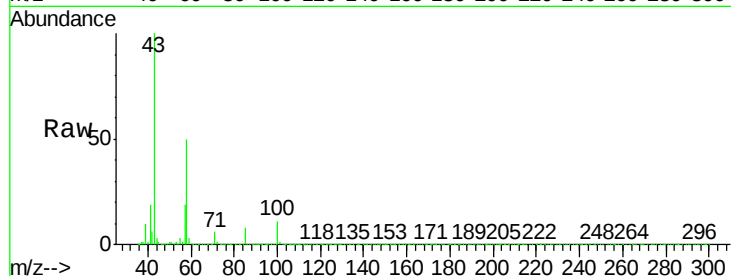




#59
2-Hexanone
Concen: 93.545 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

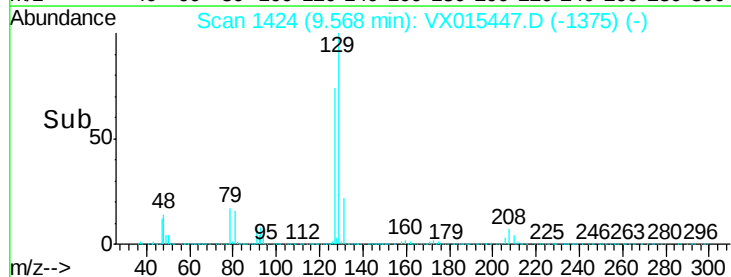
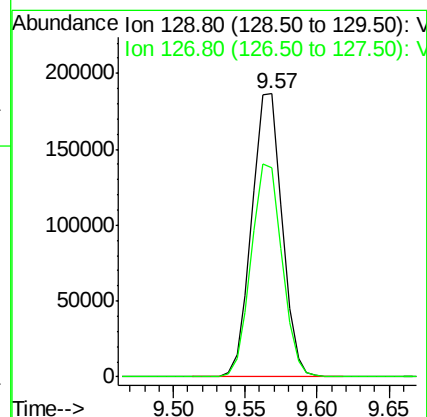
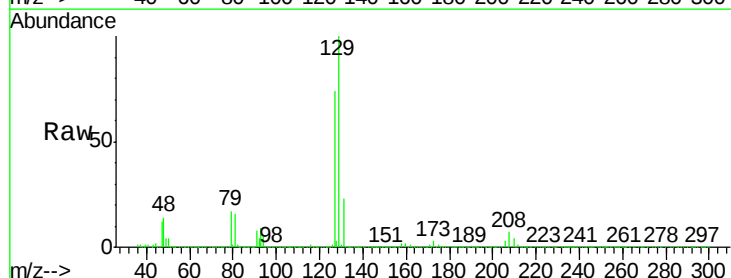
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

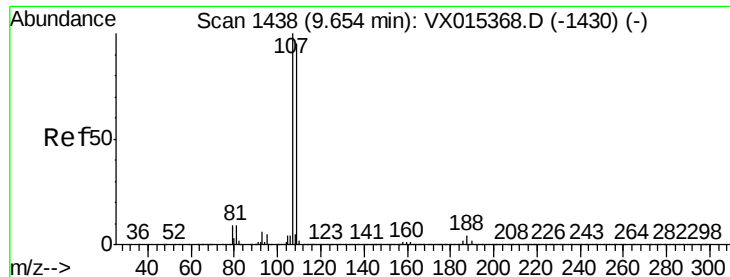
Tot Ion: 43 Resp: 1374026
Ion Ratio Lower Upper
43 100
58 50.3 25.6 76.6



#60
Dibromochloromethane
Concen: 19.587 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion: 129 Resp: 272000
Ion Ratio Lower Upper
129 100
127 76.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.417 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

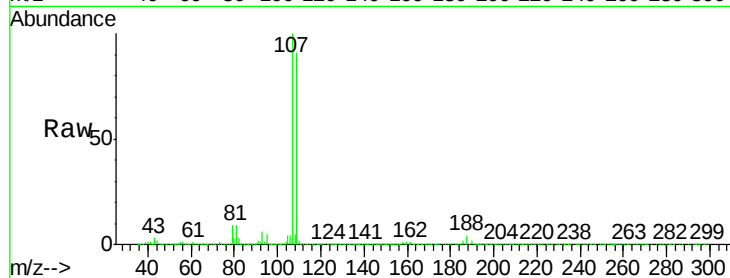
VX0331WBSD01

Tot Ion: 107 Resp: 243986

Ion Ratio Lower Upper

107 100

109 95.6 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

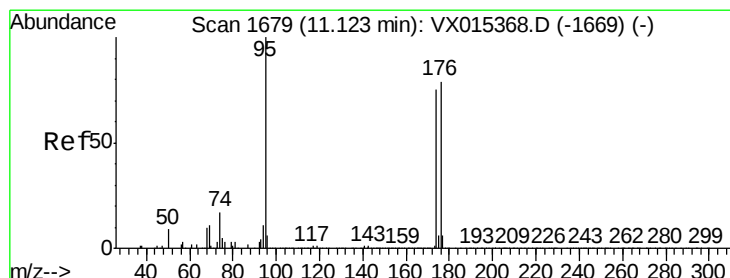
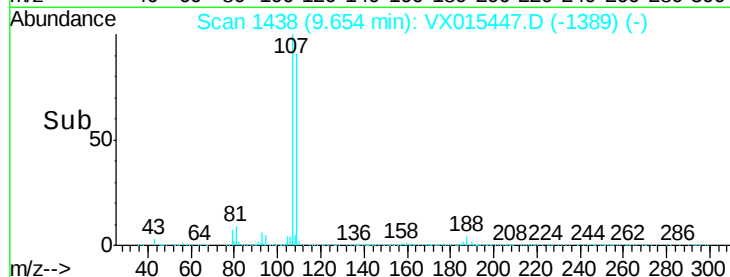
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.103 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

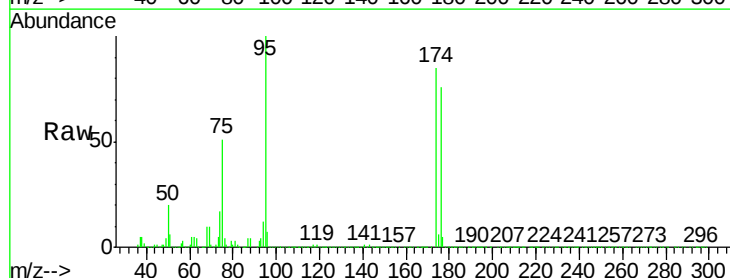
Tgt Ion: 95 Resp: 779878

Ion Ratio Lower Upper

95 100

174 81.7 0.0 158.6

176 76.3 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

11.12

800000

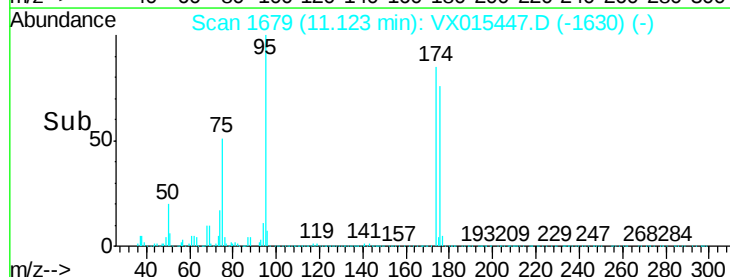
600000

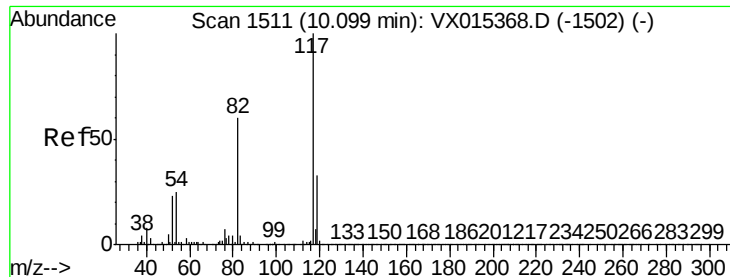
400000

200000

0

Time-->

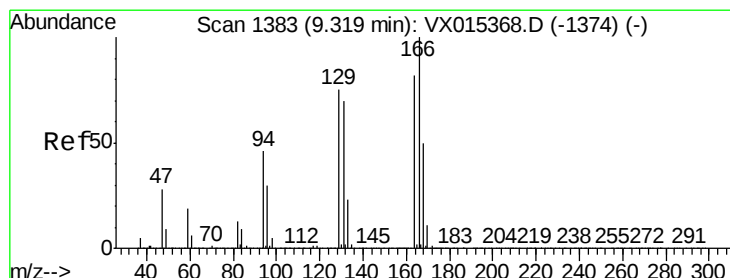
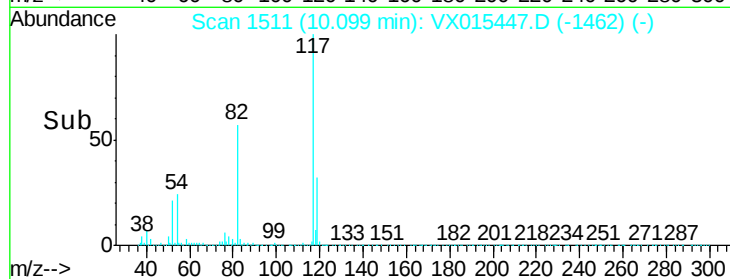
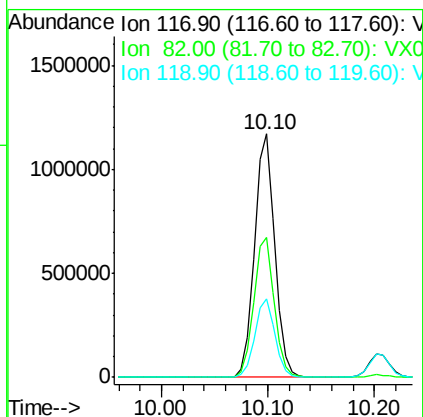
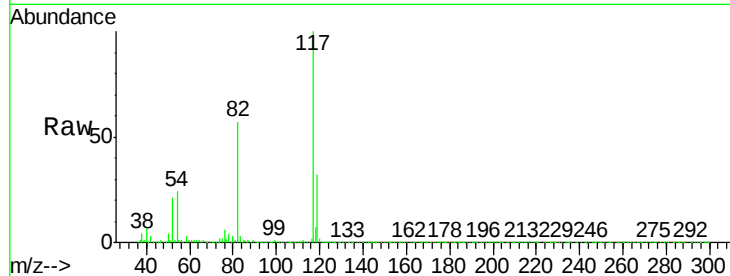




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

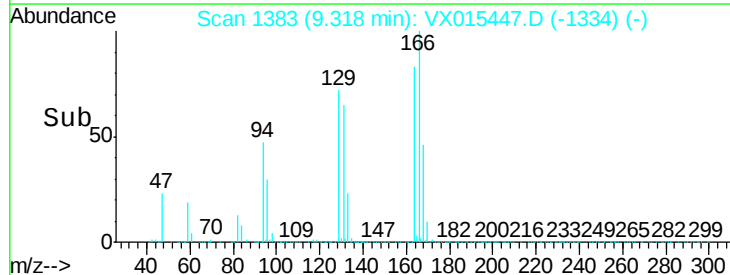
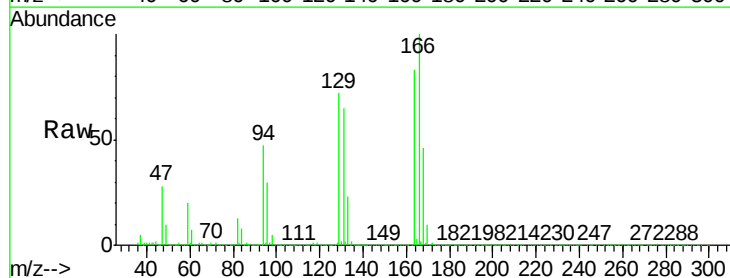
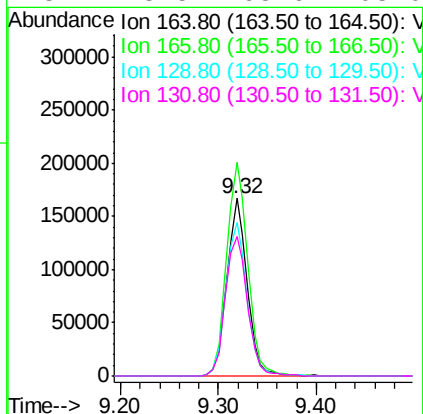
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

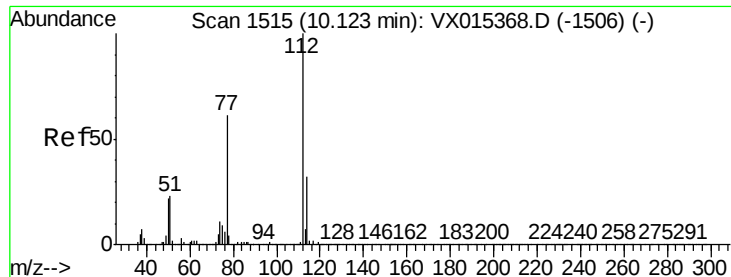
Tot Ion:117 Resp: 1559902
Ion Ratio Lower Upper
117 100
82 57.4 47.8 71.8
119 32.0 26.8 40.2



#64
Tetrachloroethene
Concen: 20.402 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion:164 Resp: 240174
Ion Ratio Lower Upper
164 100
166 120.2 97.8 146.6
129 86.4 73.0 109.4
131 78.5 68.6 103.0





#65

Chlorobenzene

Concen: 19.305 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

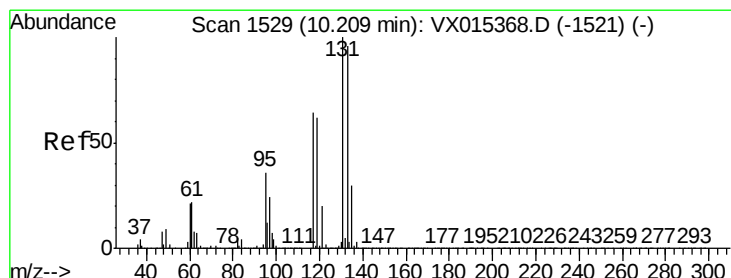
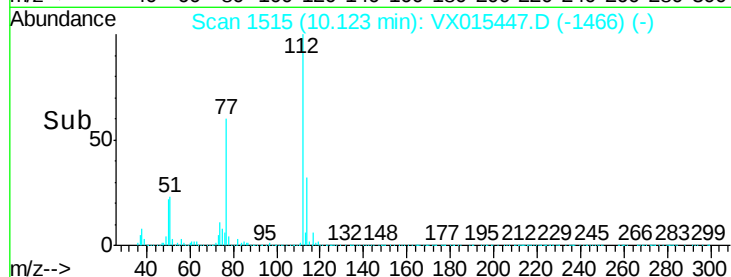
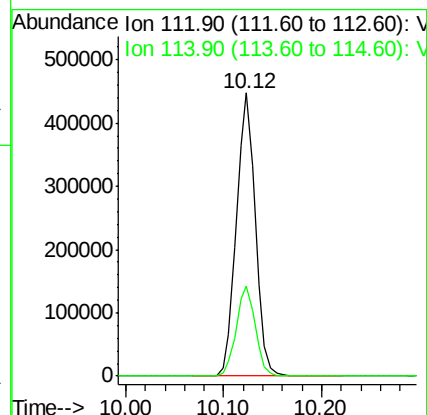
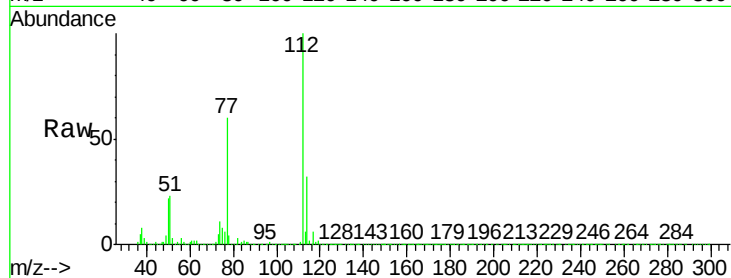
VX0331WBSD01

Tot Ion:112 Resp: 600557

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.229 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

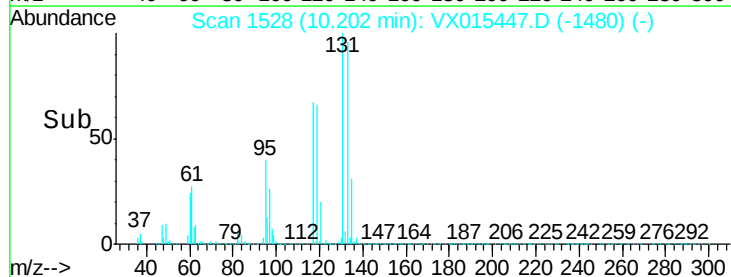
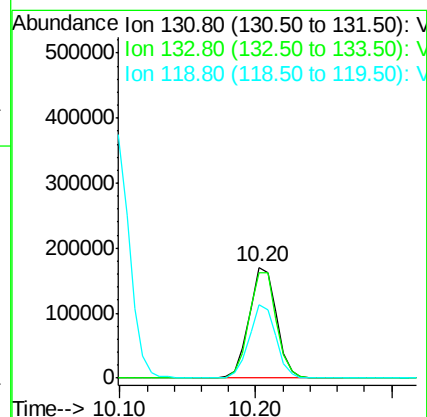
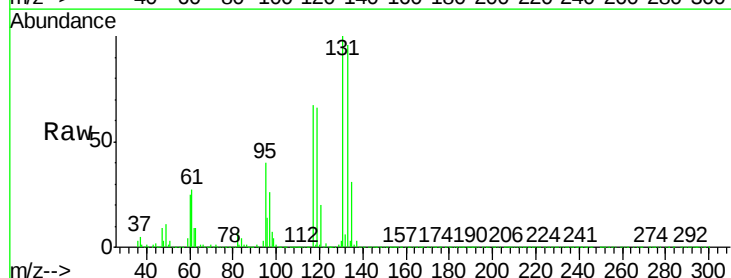
Tgt Ion:131 Resp: 238981

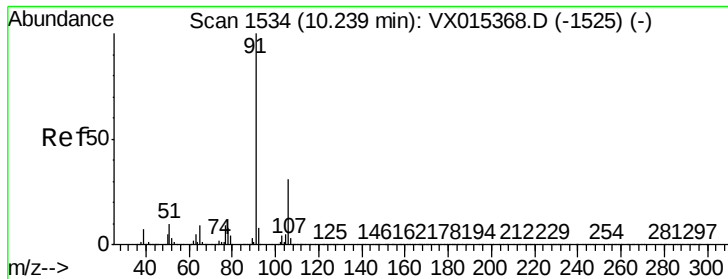
Ion Ratio Lower Upper

131 100

133 95.5 47.6 142.9

119 64.5 31.1 93.3

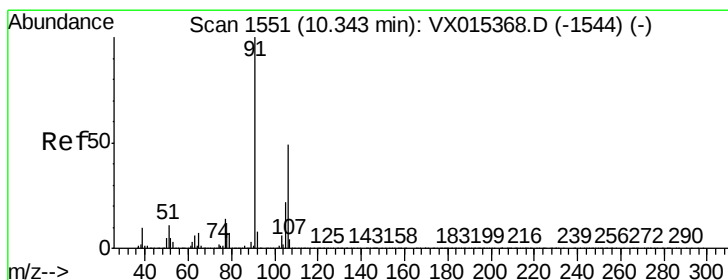
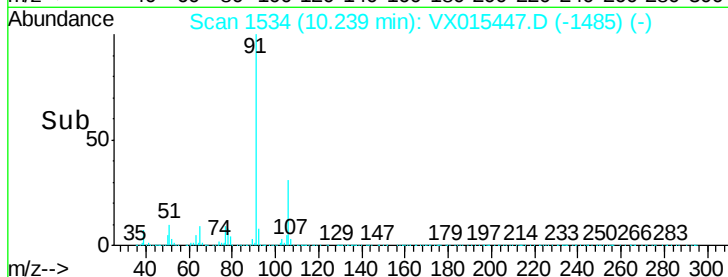
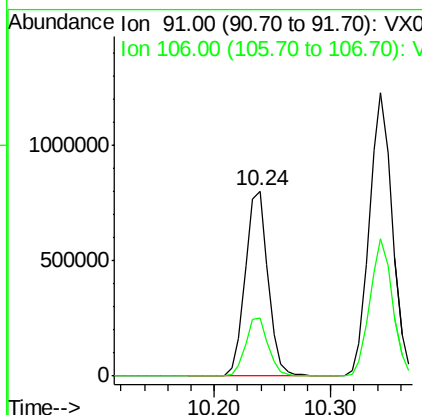
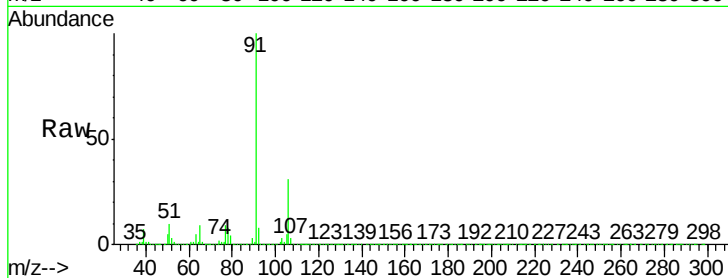




#67
Ethyl Benzene
Concen: 19.890 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

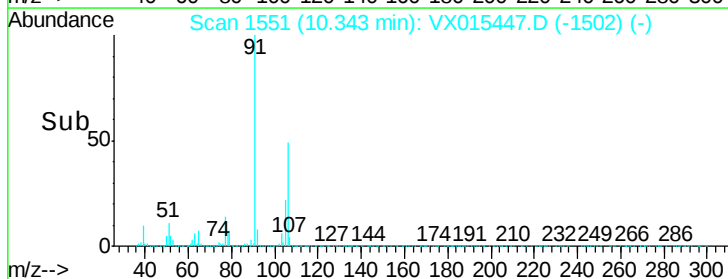
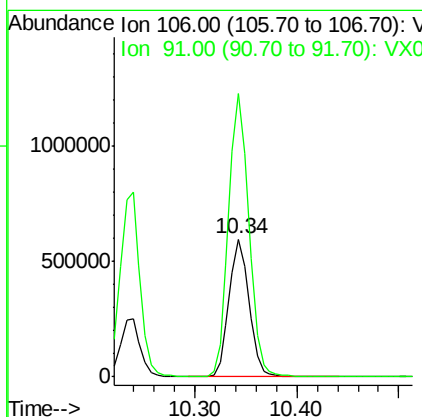
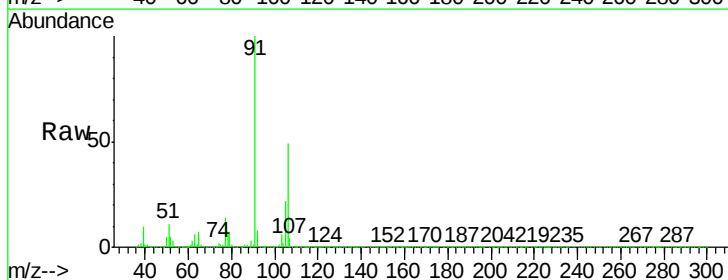
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

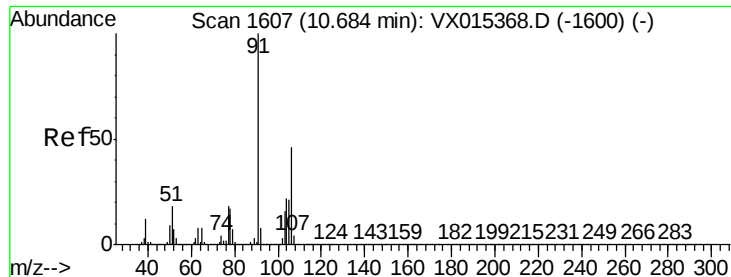
Tot Ion: 91 Resp: 1097433
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 39.451 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion: 106 Resp: 810539
Ion Ratio Lower Upper
106 100
91 207.8 163.4 245.0

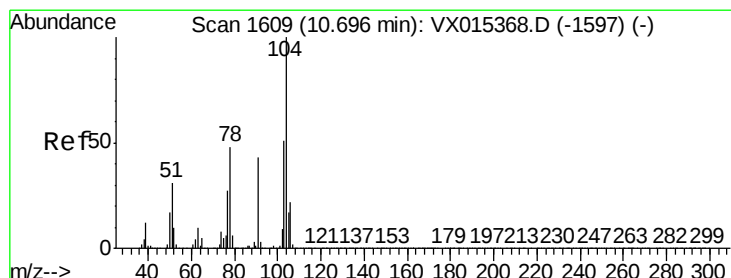
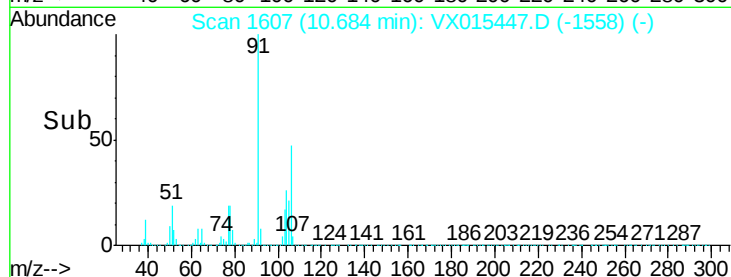
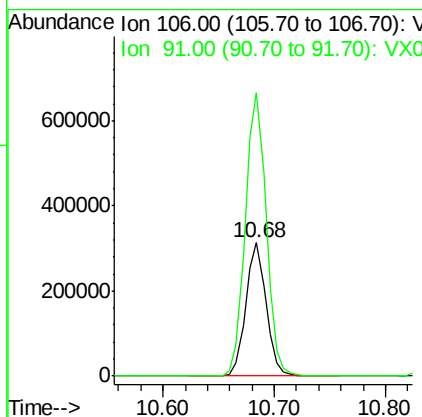
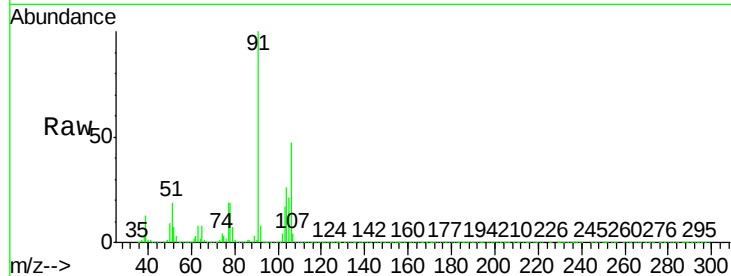




#69
o-Xylene
Concen: 19.389 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

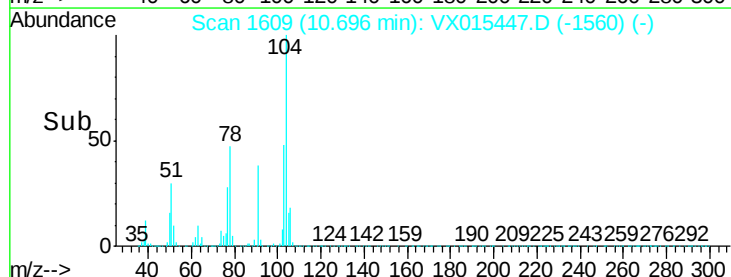
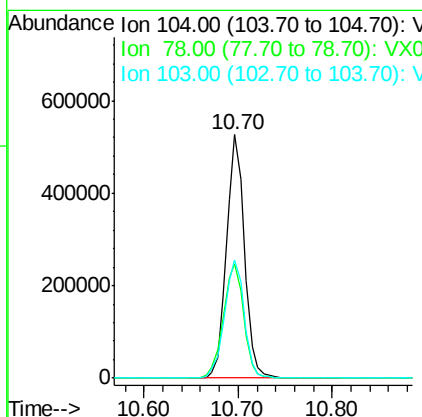
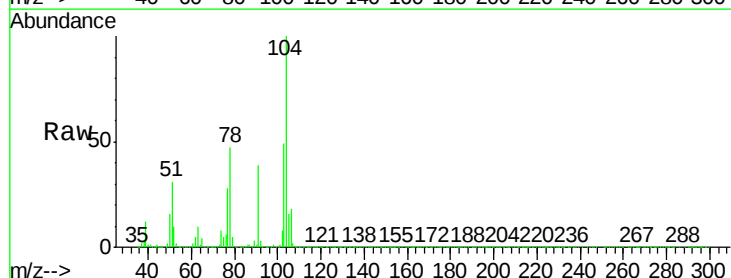
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

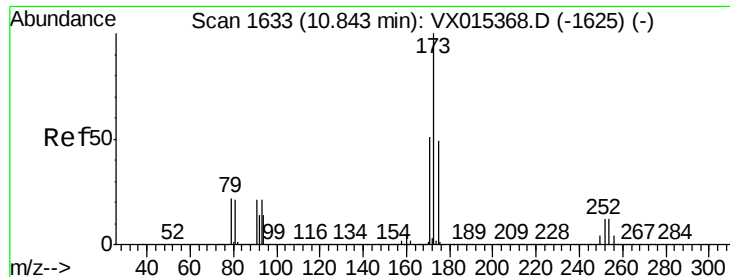
Tot Ion:106 Resp: 393631
Ion Ratio Lower Upper
106 100
91 220.6 107.1 321.3



#70
Styrene
Concen: 19.486 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion:104 Resp: 696151
Ion Ratio Lower Upper
104 100
78 53.0 42.0 63.0
103 53.4 43.4 65.0





#71

Bromoform

Concen: 18.141 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

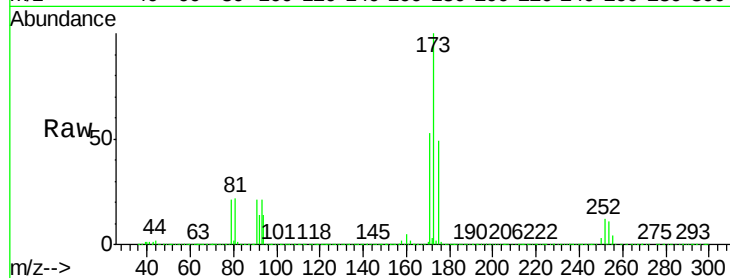
Tot Ion:173 Resp: 205251

Ion Ratio Lower Upper

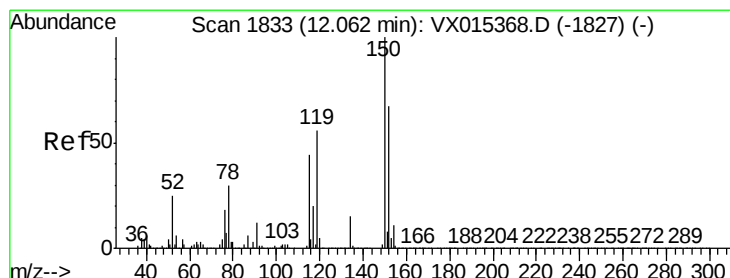
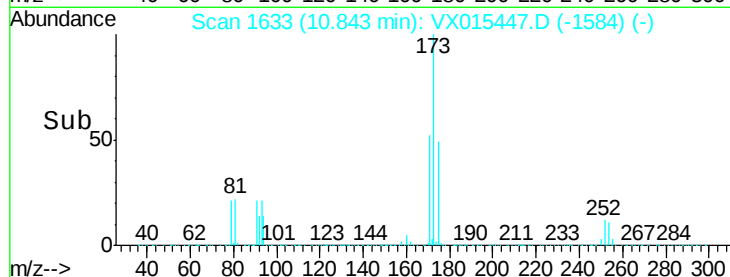
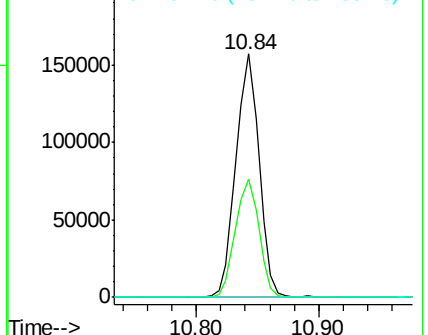
173 100

175 50.0 23.9 71.7

254 0.3 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: VX015447.D

Acq: 31 Mar 2020 12:42

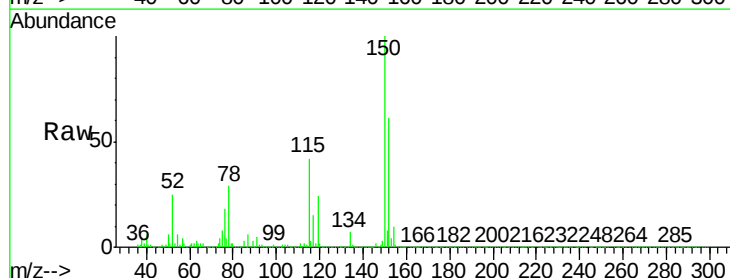
Tgt Ion:152 Resp: 797525

Ion Ratio Lower Upper

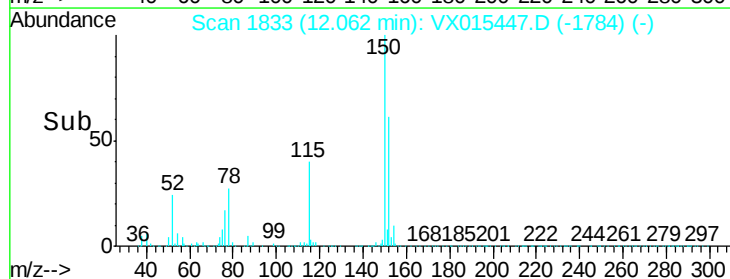
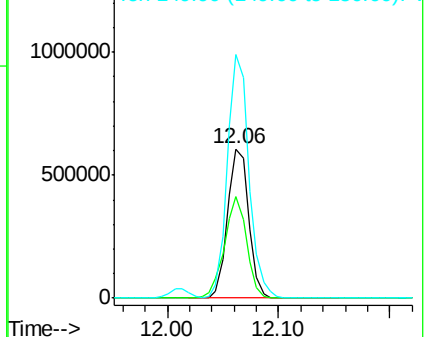
152 100

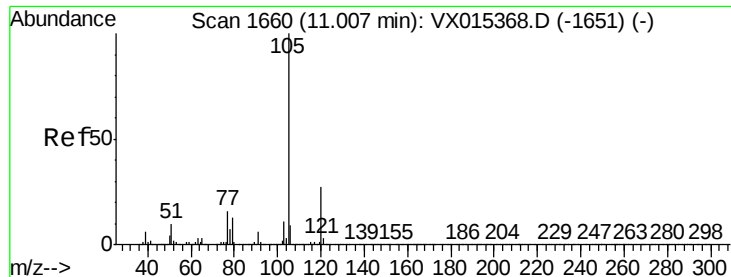
115 70.3 39.0 116.9

150 166.0 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: 20.562 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

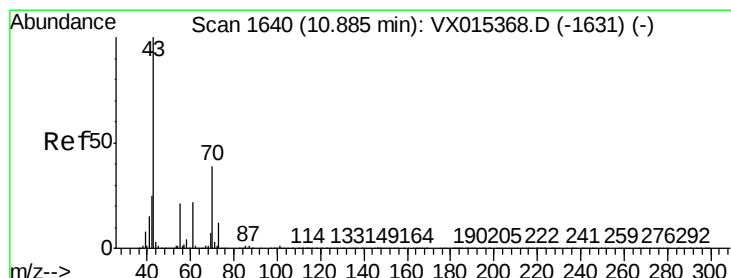
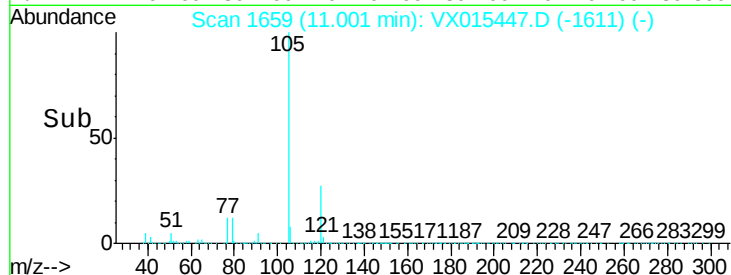
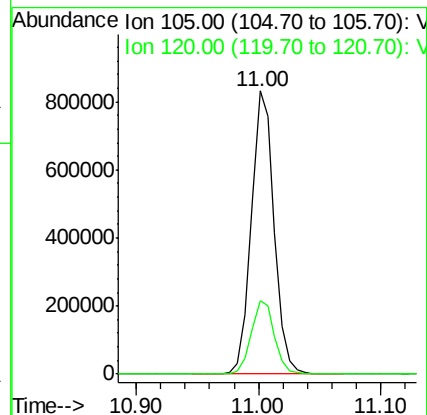
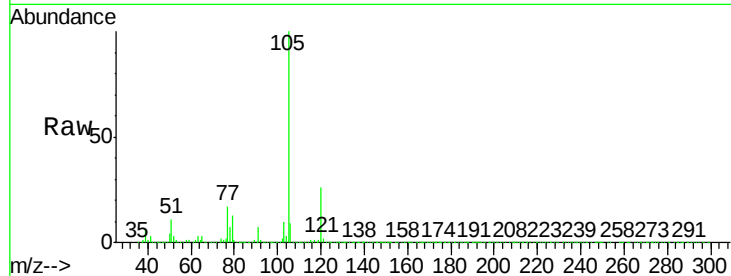
VX0331WBSD01

Tot Ion:105 Resp: 1074456

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5



#74

N-ethyl acetate

Concen: 18.544 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Tgt Ion: 43 Resp: 538943

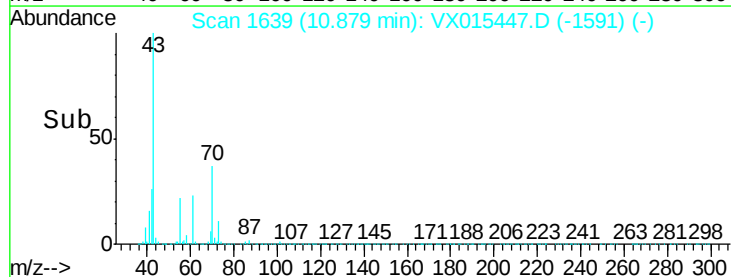
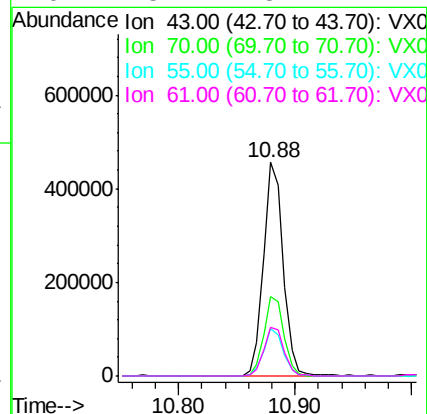
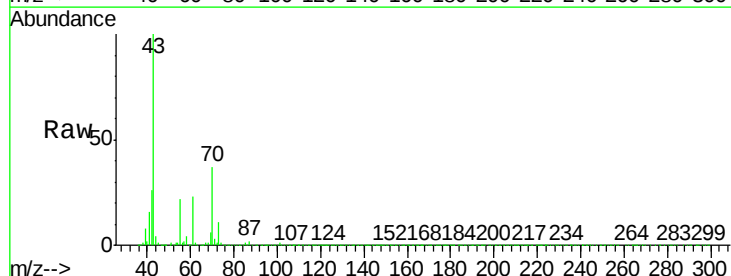
Ion Ratio Lower Upper

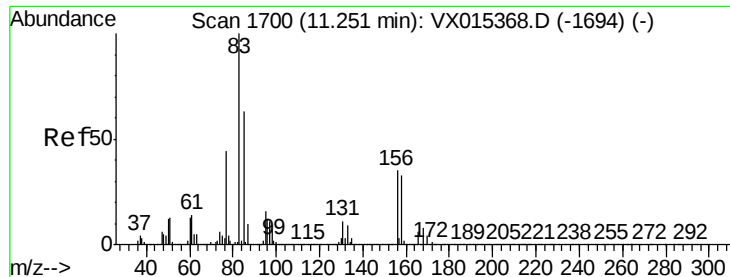
43 100

70 38.0 30.2 45.4

55 21.9 16.8 25.2

61 23.2 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.899 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

VX0331WBSD01

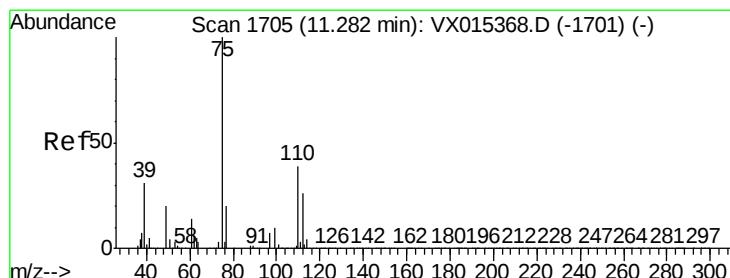
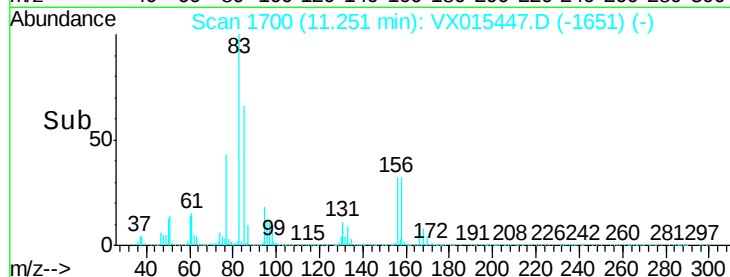
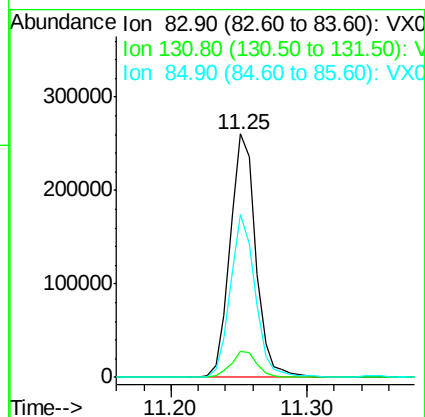
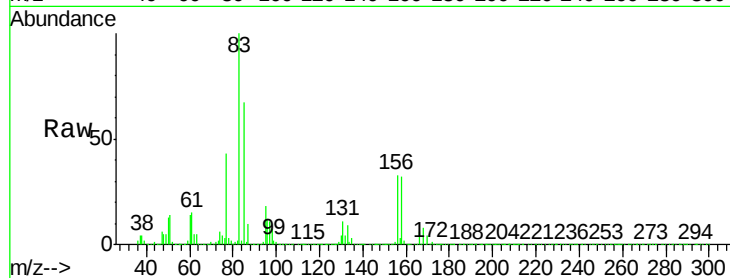
Tot Ion: 83 Resp: 338882

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

85 64.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 20.059 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015447.D

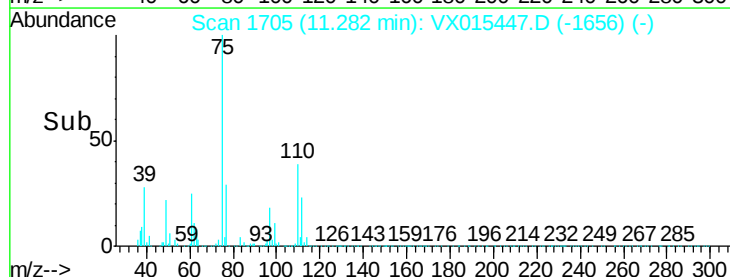
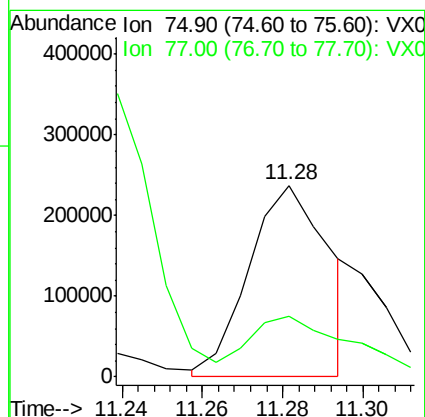
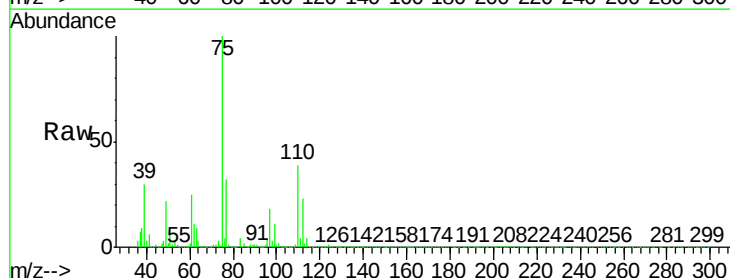
Acq: 31 Mar 2020 12:42

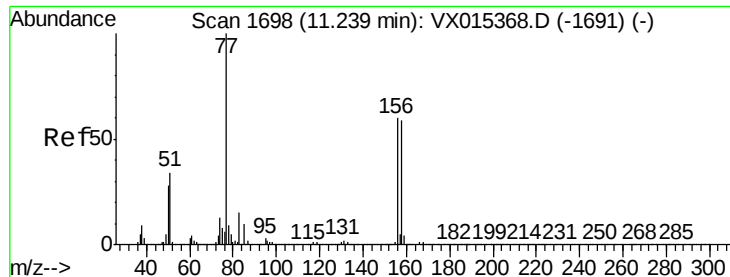
Tgt Ion: 75 Resp: 328969

Ion Ratio Lower Upper

75 100

77 40.8 21.2 63.6





#77

Bromobenzene

Concen: 19.657 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

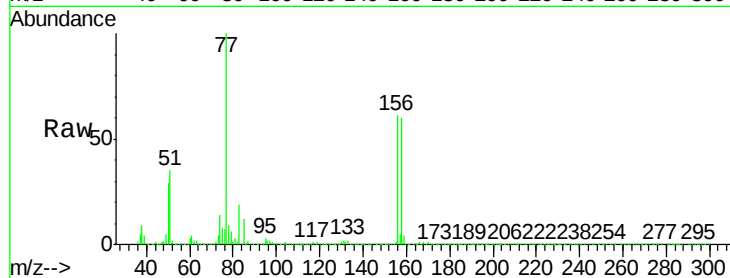
Tot Ion:156 Resp: 273988

Ion Ratio Lower Upper

156 100

77 166.3 82.2 246.5

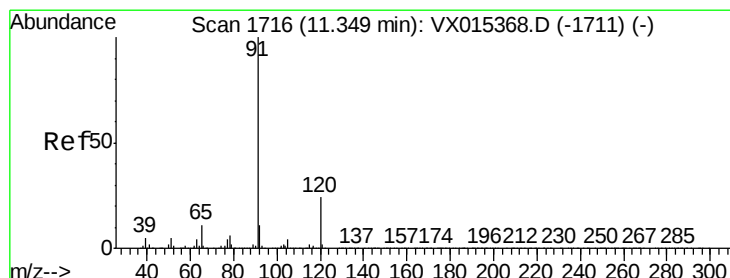
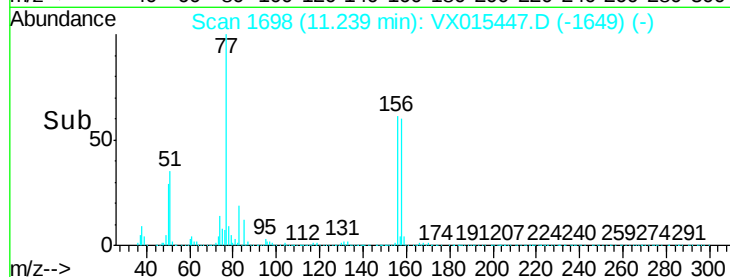
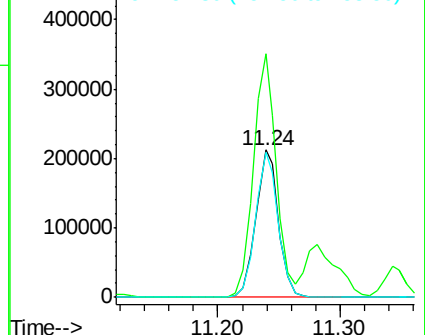
158 97.9 49.3 147.9



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: 20.553 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015447.D

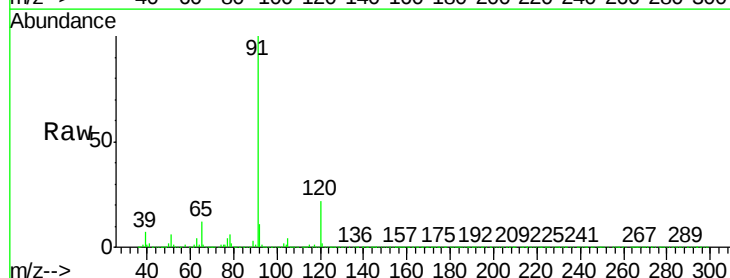
Acq: 31 Mar 2020 12:42

Tgt Ion: 91 Resp: 1228092

Ion Ratio Lower Upper

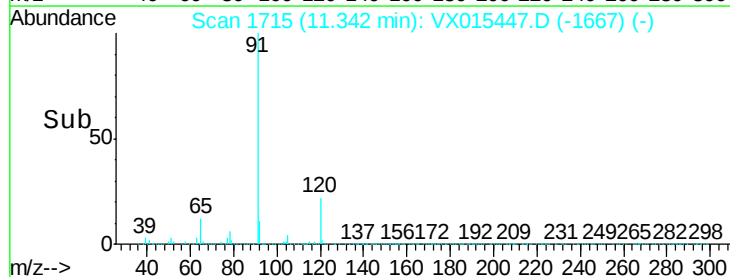
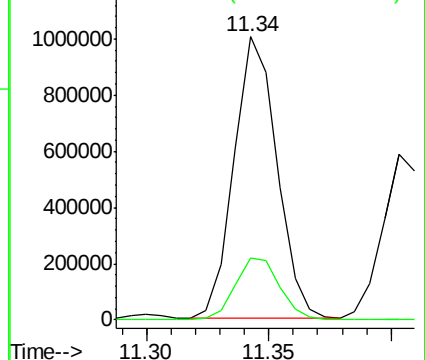
91 100

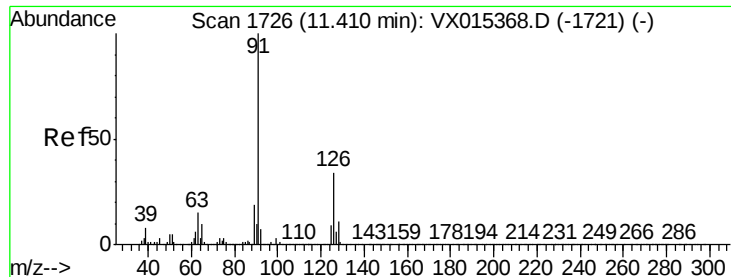
120 22.7 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.087 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

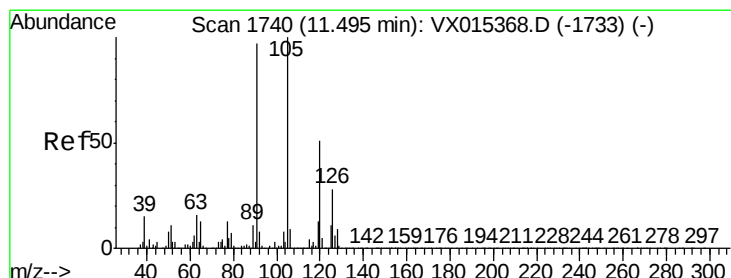
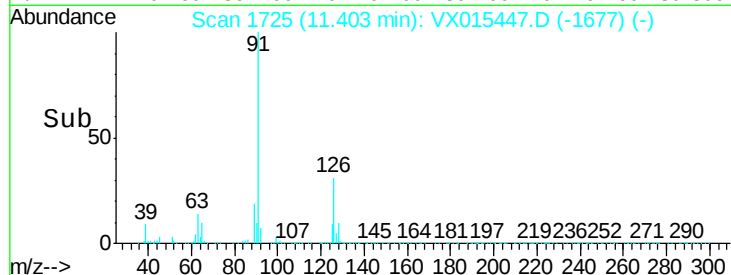
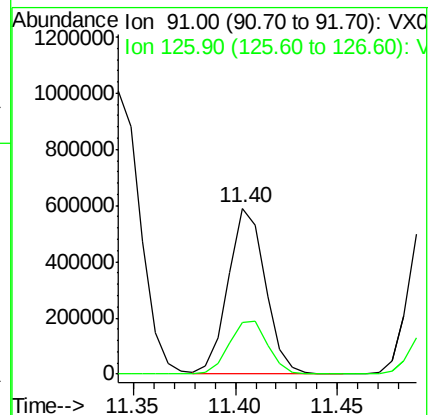
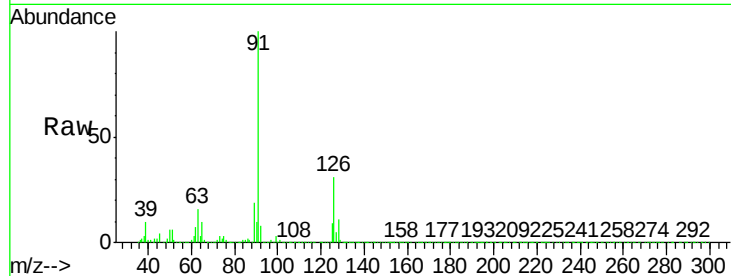
VX0331WBSD01

Tot Ion: 91 Resp: 735648

Ion Ratio Lower Upper

91 100

126 33.8 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 20.682 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015447.D

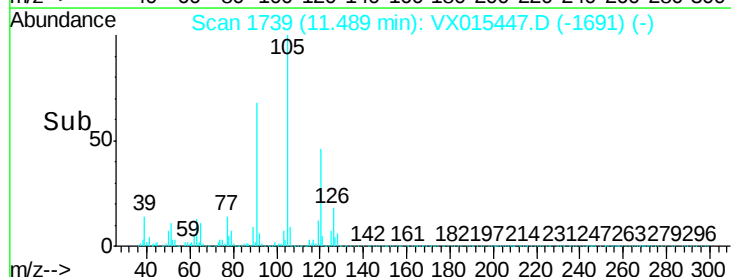
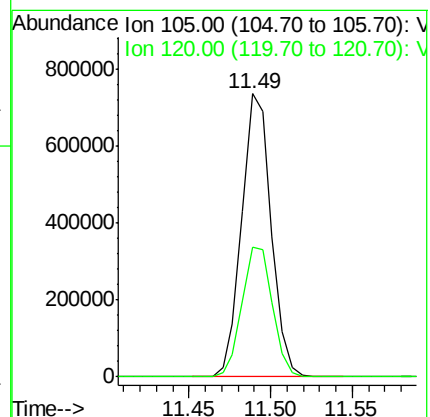
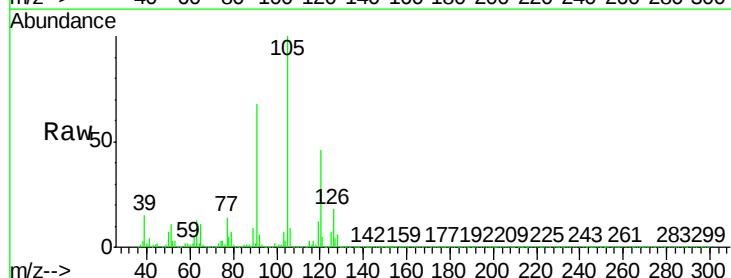
Acq: 31 Mar 2020 12:42

Tgt Ion: 105 Resp: 923009

Ion Ratio Lower Upper

105 100

120 47.6 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.420 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

VX0331WBSD01

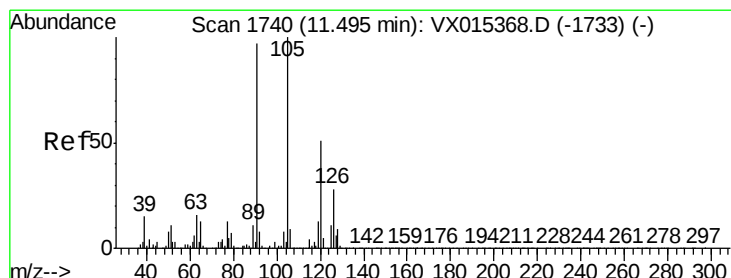
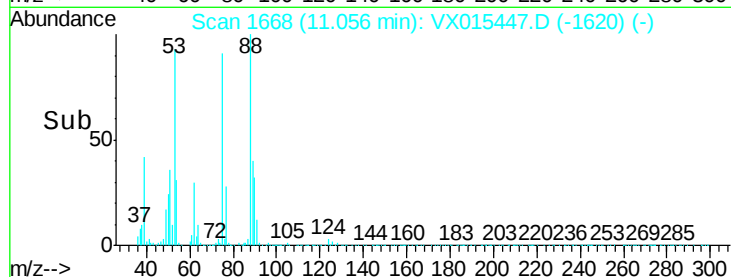
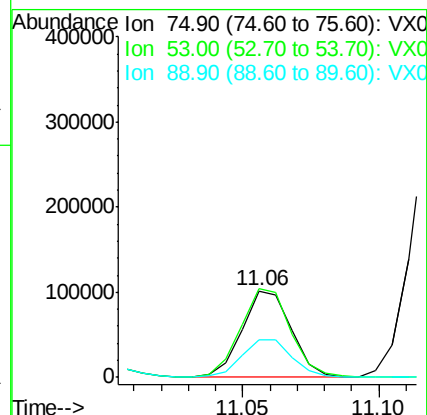
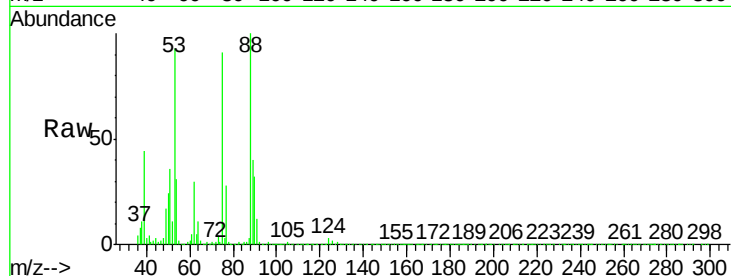
Tot Ion: 75 Resp: 125899

Ion Ratio Lower Upper

75 100

53 103.5 80.1 120.1

89 46.3 36.1 54.1



#82

4-Chlorotoluene

Concen: 20.394 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015447.D

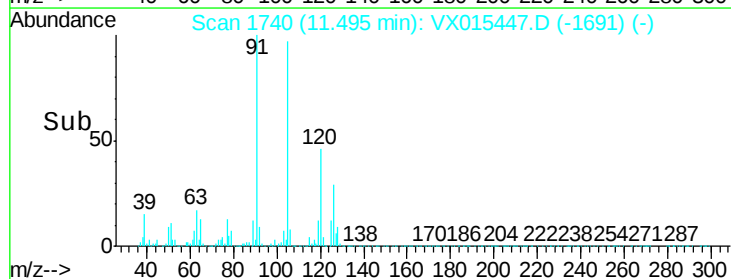
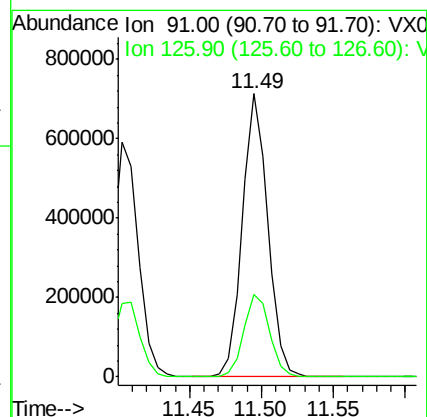
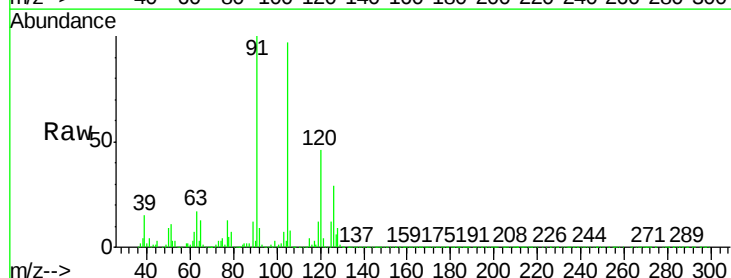
Acq: 31 Mar 2020 12:42

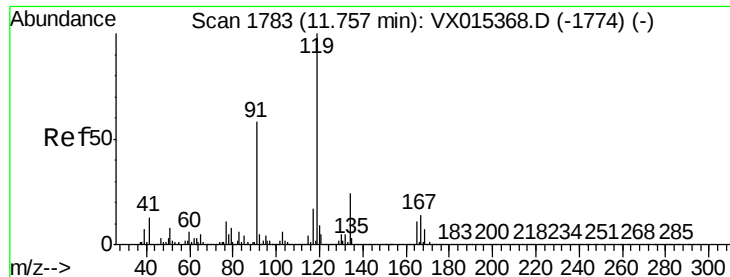
Tgt Ion: 91 Resp: 875627

Ion Ratio Lower Upper

91 100

126 29.6 14.7 44.1

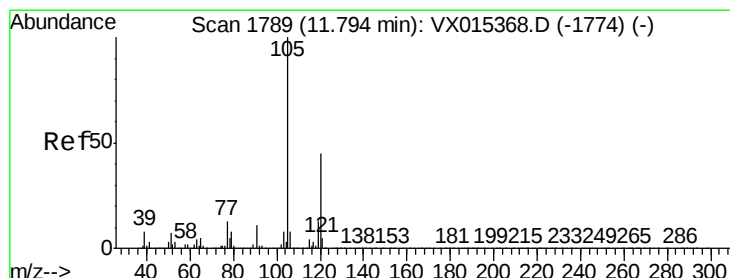
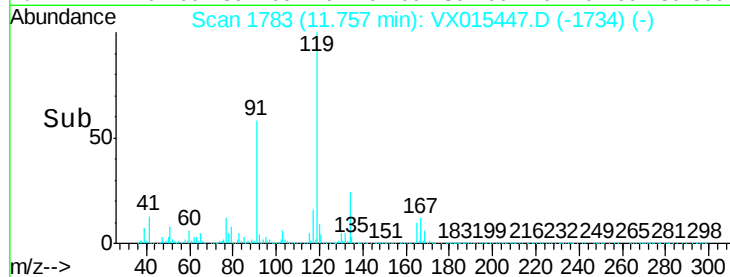
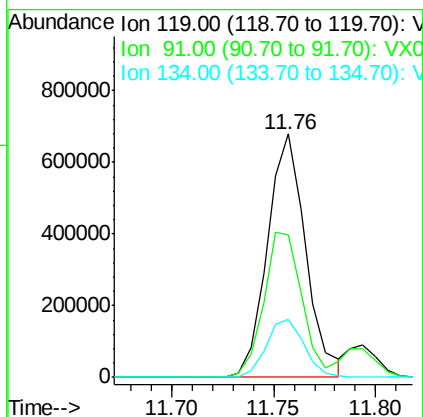
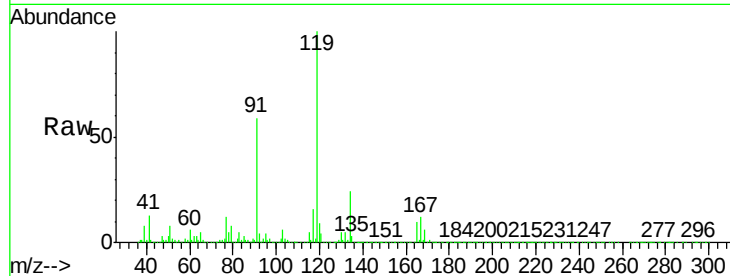




#83
tert-Butylbenzene
Concen: 20.292 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

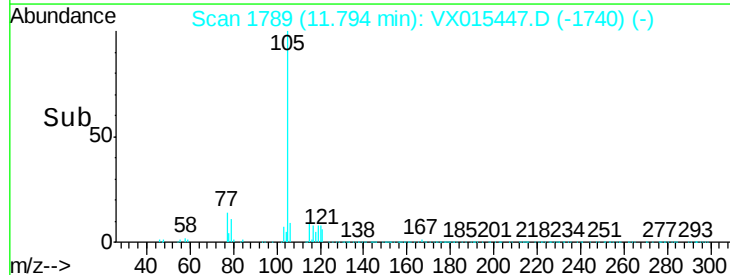
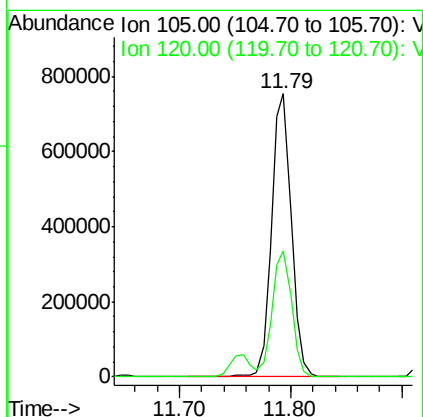
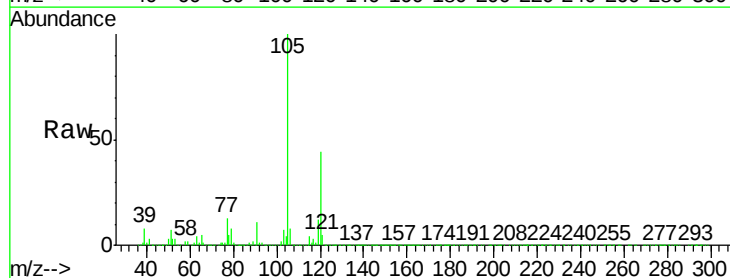
Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

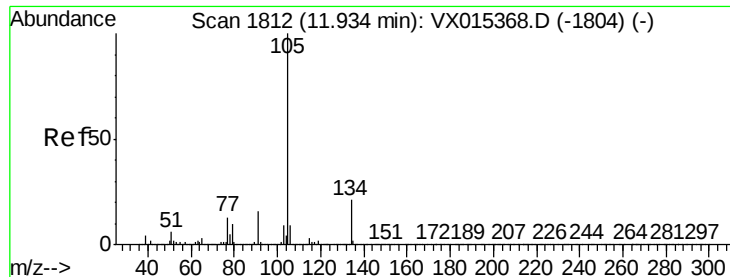
Tot Ion	Ratio	Lower	Upper
119	100		
91	59.3	28.6	85.8
134	23.7	11.8	35.3



#84
1,2,4-Trimethylbenzene
Concen: 20.480 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.7	68.1





#85

sec-Butylbenzene

Concen: 20.541 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

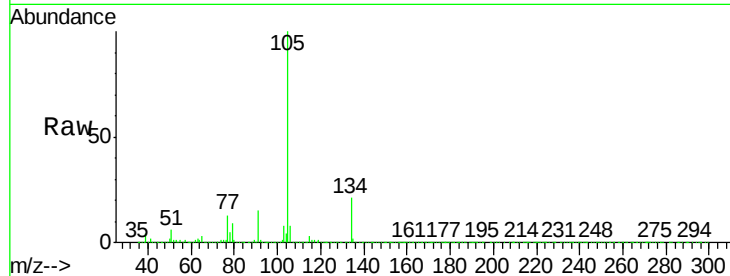
VX0331WBSD01

Tot Ion:105 Resp: 1035576

Ion Ratio Lower Upper

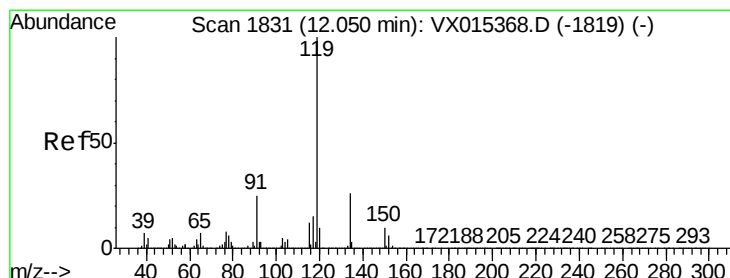
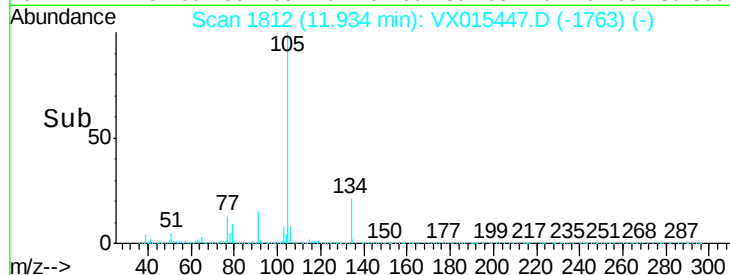
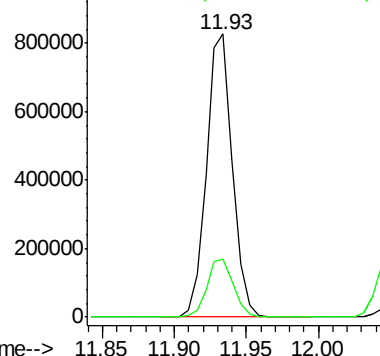
105 100

134 21.0 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.615 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

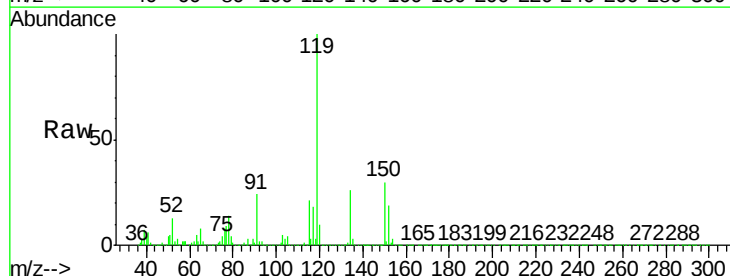
Tgt Ion:119 Resp: 964831

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

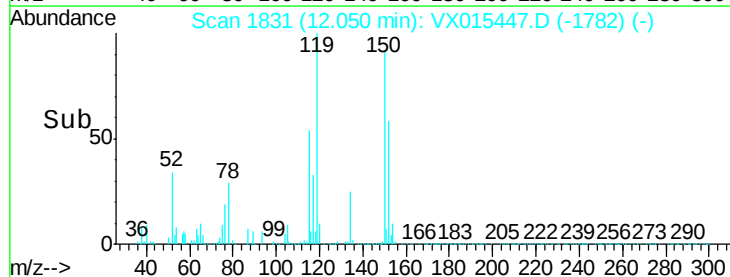
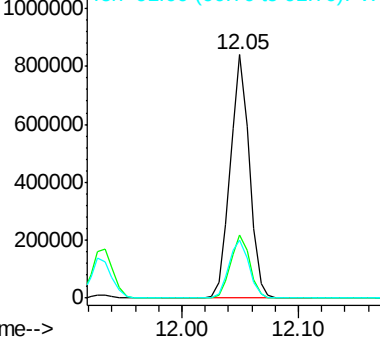
91 24.8 12.4 37.4

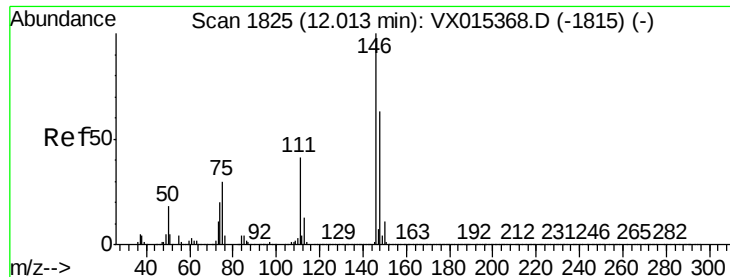


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

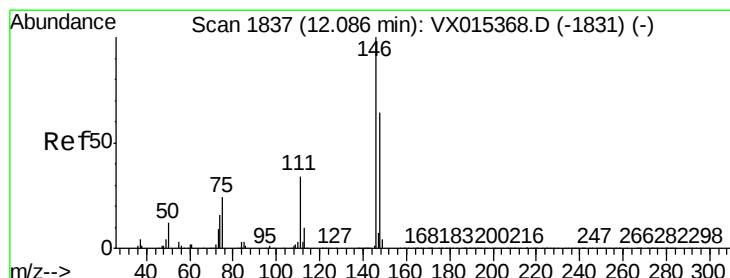
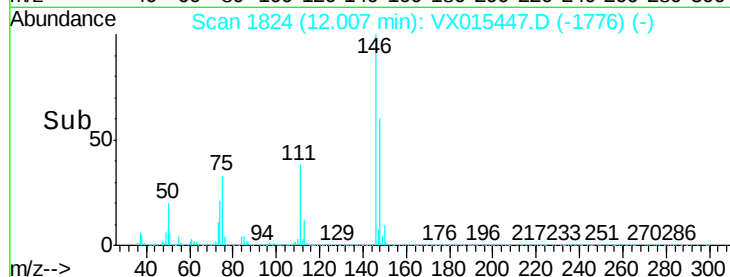
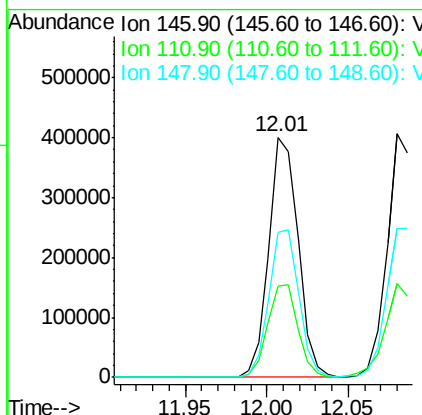
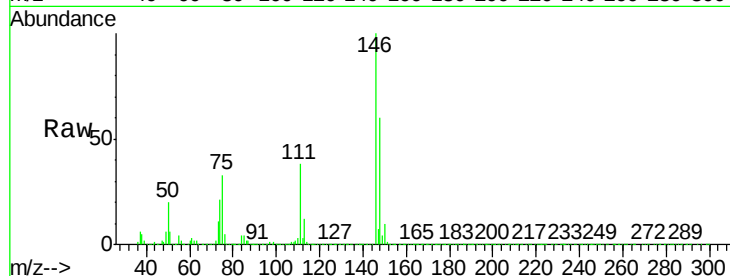




#87
 1,3-Dichlorobenzene
 Concen: 20.068 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

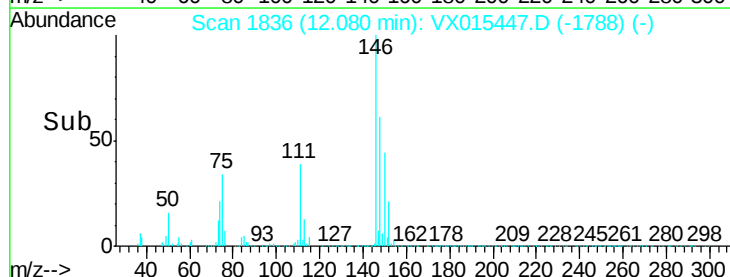
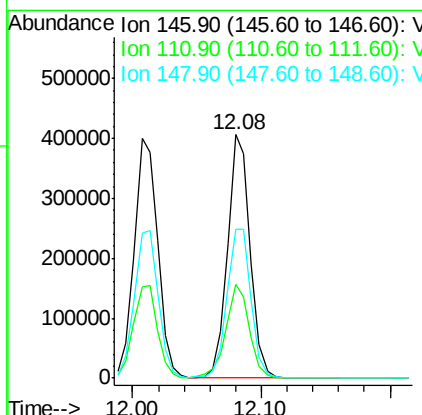
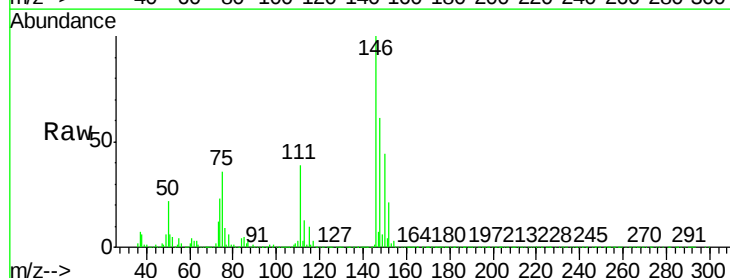
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD01

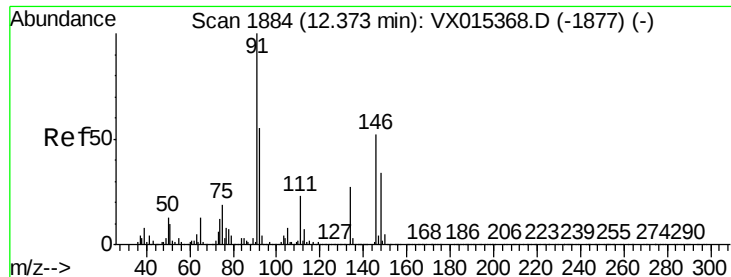
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	60.9
148	62.7	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 19.577 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.1	57.5
148	65.7	32.4	97.2





#89

n-Butylbenzene

Concen: 21.053 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampled :

VX0331WBSD01

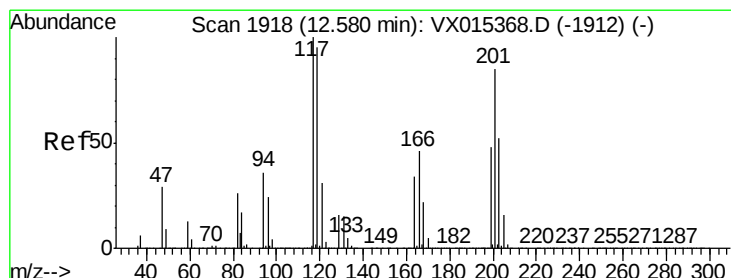
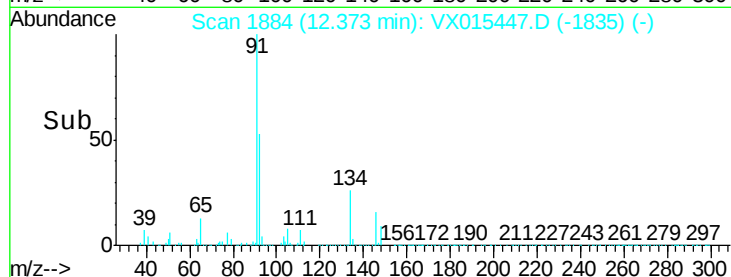
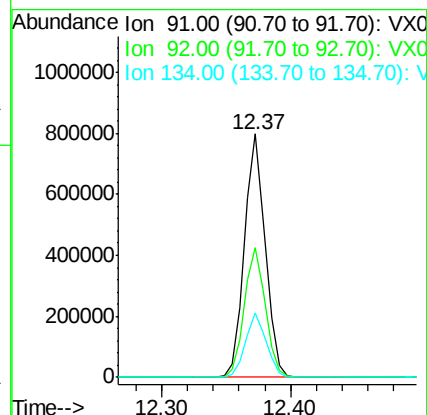
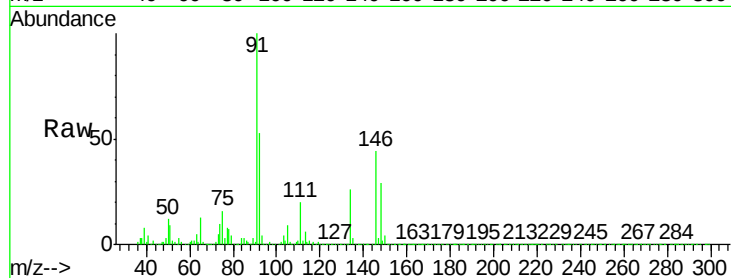
Tot Ion: 91 Resp: 890449

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.5

134 26.2 13.4 40.2



#90

Hexachloroethane

Concen: 19.480 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015447.D

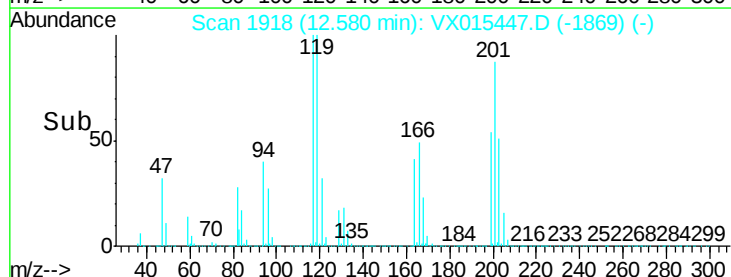
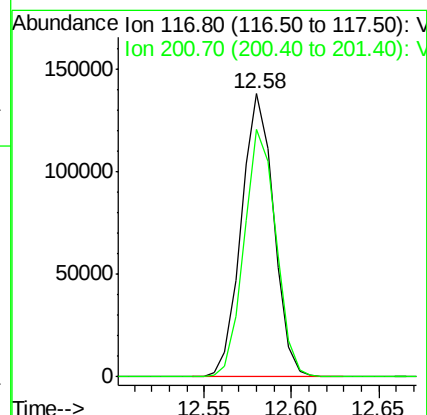
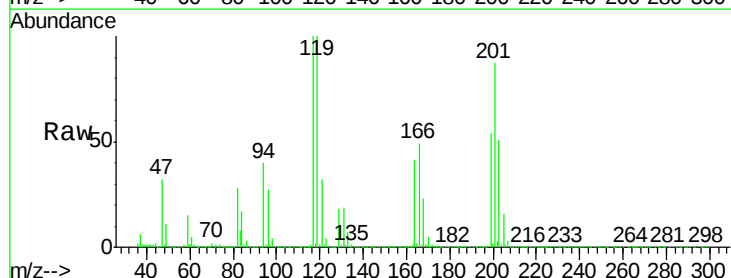
Acq: 31 Mar 2020 12:42

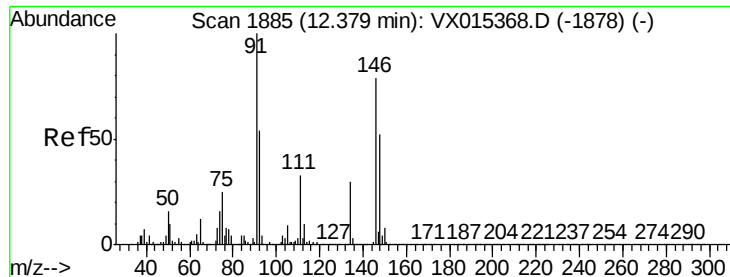
Tgt Ion: 117 Resp: 177452

Ion Ratio Lower Upper

117 100

201 86.7 42.6 128.0





#91

1,2-Dichlorobenzene

Concen: 19.434 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

VX0331WBSD01

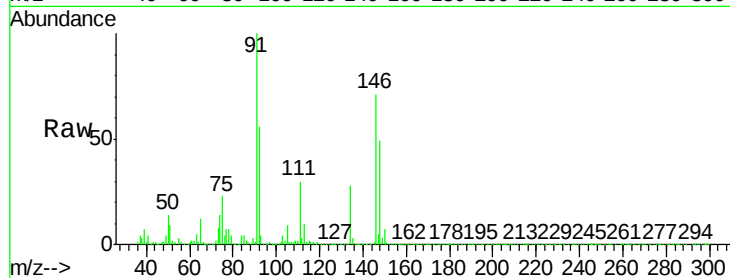
Tot Ion:146 Resp: 474578

Ion Ratio Lower Upper

146 100

111 42.9 21.0 63.0

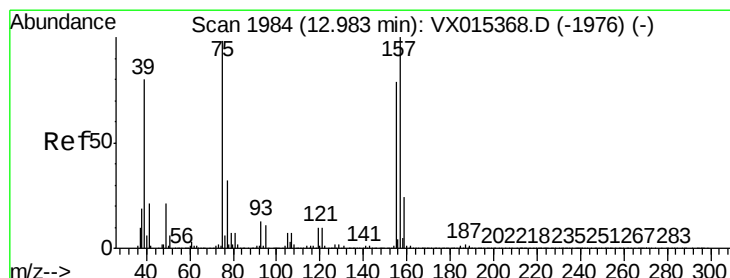
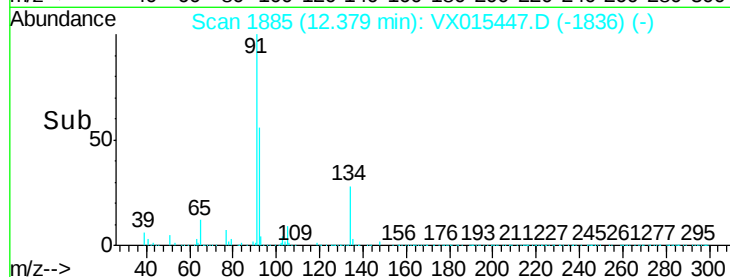
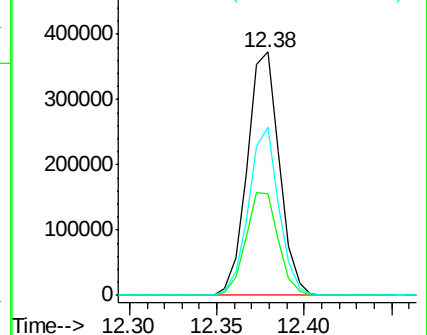
148 65.2 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.833 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. -0.00 min

Lab File: VX015447.D

Acq: 31 Mar 2020 12:42

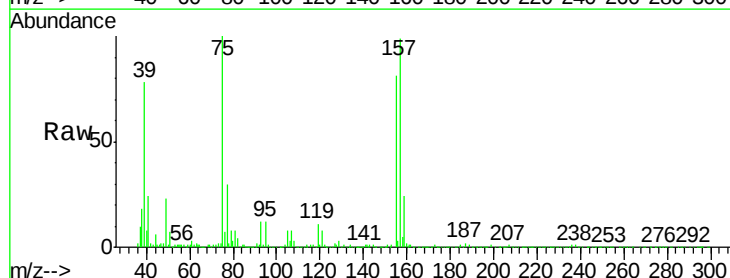
Tgt Ion: 75 Resp: 85190

Ion Ratio Lower Upper

75 100

155 81.7 42.8 128.4

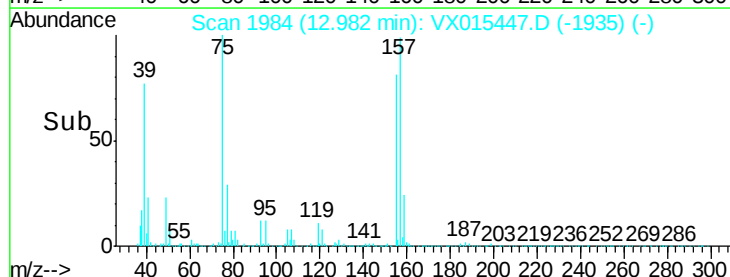
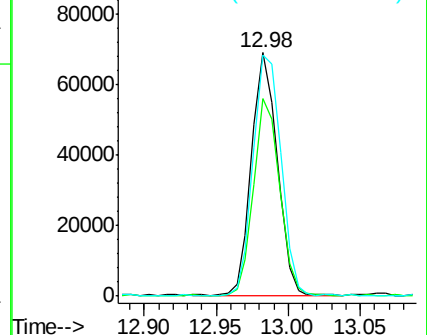
157 108.5 53.4 160.3

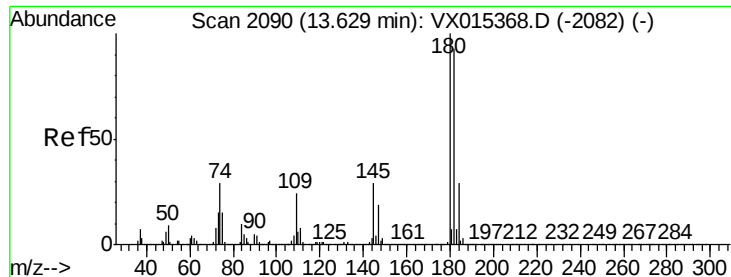


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

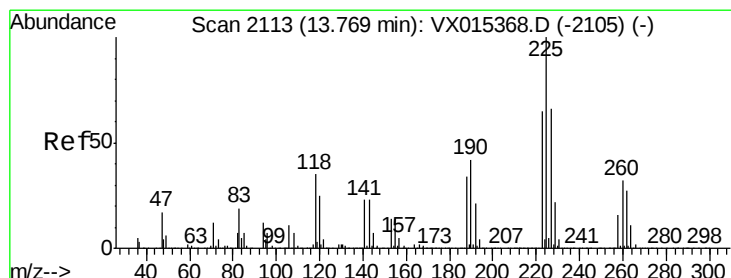
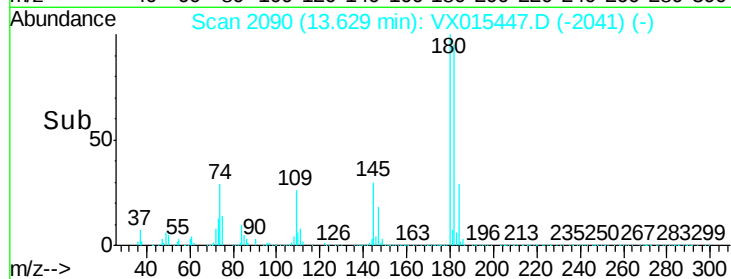
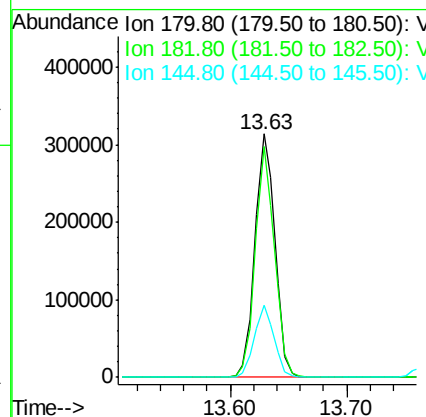
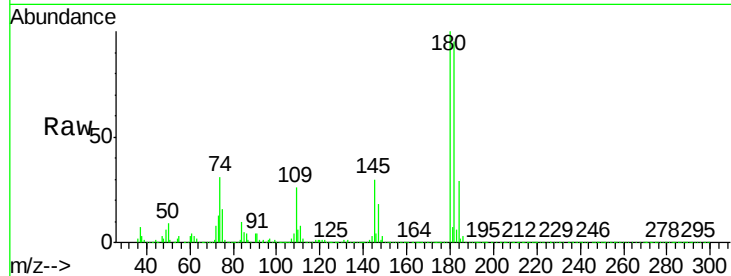




#93
 1,2,4-Trichlorobenzene
 Concen: 19.493 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

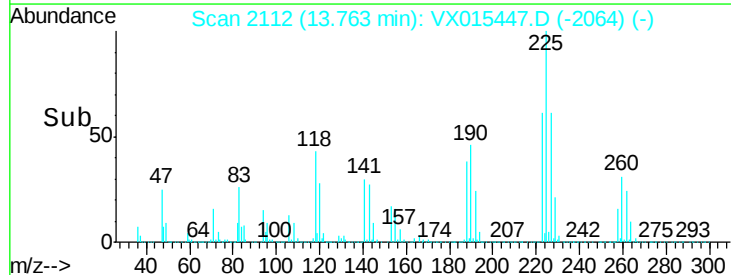
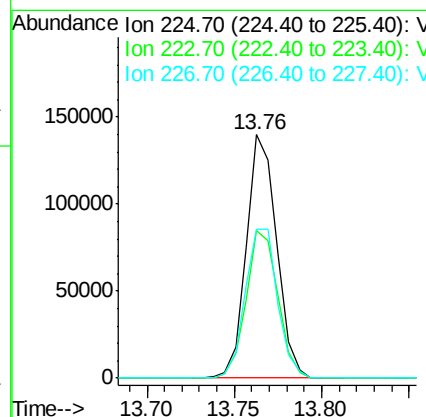
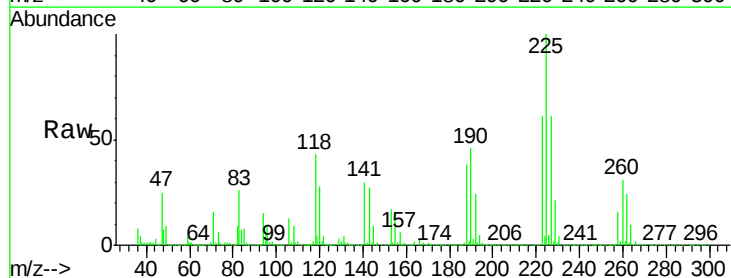
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBSD01

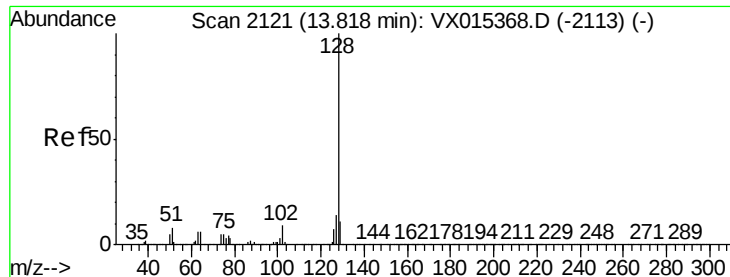
Tot Ion:180 Resp: 376522
 Ion Ratio Lower Upper
 180 100
 182 91.3 46.9 140.7
 145 29.0 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 18.236 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015447.D
 Acq: 31 Mar 2020 12:42

Tgt Ion:225 Resp: 167702
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.9 95.7
 227 65.3 30.4 91.3

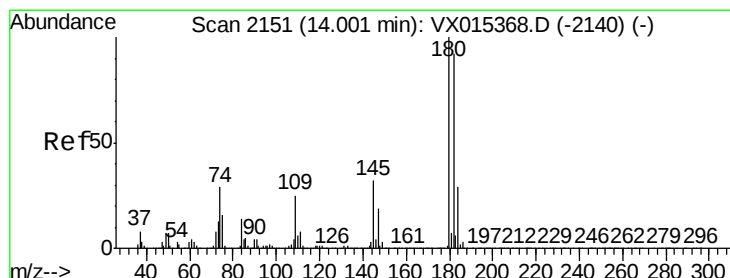
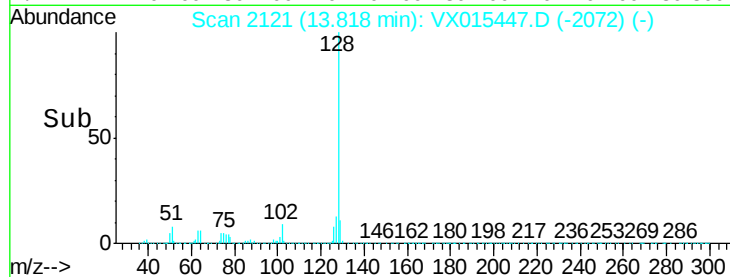
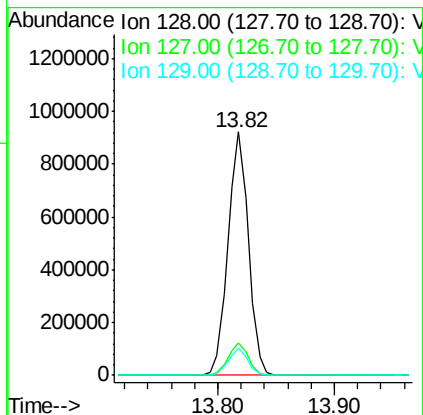
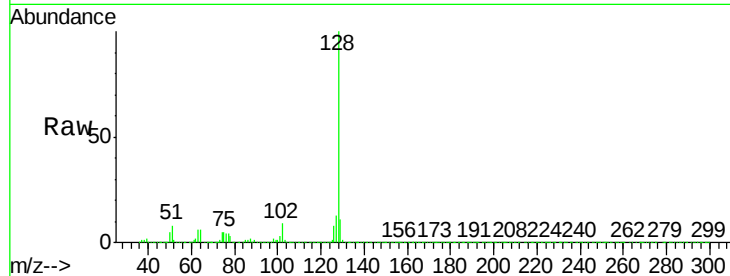




#95
Naphthalene
Concen: 19.015 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Instrument :
MSVOA_X
ClientSampleId :
VX0331WBSD01

Tot Ion:128 Resp: 1120351
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.580 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015447.D
Acq: 31 Mar 2020 12:42

Tgt Ion:180 Resp: 345536
Ion Ratio Lower Upper
180 100
182 101.4 46.7 140.0
145 33.8 15.8 47.3

