

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015400.D
 Acq On : 27 Mar 2020 23:46
 Operator : JC/SP
 Sample : VX0327WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

Quant Time: Mar 30 01:49:10 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	5.64	168	1077628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1772989	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1617182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	825213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	728676	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.47	113	529351	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
50) Toluene-d8	8.70	98	1962814	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
62) 4-Bromofluorobenzene	11.12	95	791037	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	204218	21.510	ug/l	99
3) Chloromethane	1.31	50	225914	18.685	ug/l	99
4) Vinyl Chloride	1.39	62	220317	19.845	ug/l	99
5) Bromomethane	1.63	94	142714	23.620	ug/l	97
6) Chloroethane	1.71	64	136320	19.798	ug/l	100
7) Trichlorofluoromethane	1.92	101	314779	21.142	ug/l	98
8) Diethyl Ether	2.17	74	117877	18.771	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	205253	21.147	ug/l	98
10) Methyl Iodide	2.49	142	176203	13.465	ug/l	100
11) Tert butyl alcohol	3.01	59	363419	99.898	ug/l	100
12) 1,1-Dichloroethene	2.36	96	211112	20.750	ug/l	95
13) Acrolein	2.27	56	185784	89.650	ug/l	99
14) Allyl chloride	2.71	41	478210	20.116	ug/l	99
15) Acrylonitrile	3.11	53	697584	100.549	ug/l	99
16) Acetone	2.42	43	655055	100.319	ug/l	98
17) Carbon Disulfide	2.55	76	635452	20.474	ug/l	99
18) Methyl Acetate	2.75	43	332895	19.975	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	796980	20.198	ug/l	99
20) Methylene Chloride	2.84	84	240593	19.726	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	229945	20.365	ug/l	99
22) Diisopropyl ether	3.83	45	878043	20.844	ug/l	99
23) Vinyl Acetate	3.78	43	3976569	104.264	ug/l	98
24) 1,1-Dichloroethane	3.67	63	444621	20.047	ug/l	99
25) 2-Butanone	4.64	43	1042486	99.273	ug/l	98
26) 2,2-Dichloropropane	4.56	77	324639	17.832	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	265055	20.290	ug/l	99
28) Bromochloromethane	4.98	49	220479	20.821	ug/l	99
29) Tetrahydrofuran	5.09	42	671155	99.417	ug/l	100
30) Chloroform	5.18	83	429319	20.120	ug/l	98
31) Cyclohexane	5.55	56	409581	21.288	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	397116	20.564	ug/l	99
36) 1,1-Dichloropropene	5.78	75	328301	20.097	ug/l	99
37) Ethyl Acetate	4.80	43	415253	19.522	ug/l	99
38) Carbon Tetrachloride	5.76	117	349671	19.762	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	379489	20.147	ug/l	97
40) Benzene	6.12	78	946408	19.777	ug/l	100
41) Methacrylonitrile	5.00	41	234823	19.887	ug/l	99
42) 1,2-Dichloroethane	6.17	62	376132	19.568	ug/l	99
43) Isopropyl Acetate	6.42	43	697127	19.415	ug/l	99
44) Trichloroethene	7.19	130	254396	19.493	ug/l	98
45) 1,2-Dichloropropane	7.50	63	256717	19.611	ug/l	100
46) Dibromomethane	7.64	93	164645	19.173	ug/l	98
47) Bromodichloromethane	7.88	83	356529	19.485	ug/l	97
48) Methyl methacrylate	7.75	41	345601	19.269	ug/l	100
49) 1,4-Dioxane	7.72	88	130542	390.164	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2029227	99.719	ug/l	99
52) Toluene	8.77	92	587572	19.916	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	400489	18.662	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	417563	19.102	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	234656	19.413	ug/l	98
56) Ethyl methacrylate	9.16	69	408742	19.188	ug/l	99
57) 1,3-Dichloropropane	9.36	76	418547	19.219	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	975040	94.101	ug/l	98
59) 2-Hexanone	9.48	43	1549630	100.865	ug/l	98
60) Dibromochloromethane	9.57	129	281062	19.351	ug/l	100
61) 1,2-Dibromoethane	9.65	107	257254	19.573	ug/l	98
64) Tetrachloroethene	9.32	164	234275	19.196	ug/l	95
65) Chlorobenzene	10.12	112	622945	19.315	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	246953	19.166	ug/l	98
67) Ethyl Benzene	10.24	91	1149939	20.104	ug/l	99
68) m/p-Xylenes	10.34	106	843246	39.589	ug/l	98
69) o-Xylene	10.68	106	407387	19.355	ug/l	95
70) Styrene	10.70	104	722753	19.514	ug/l	100
71) Bromoform	10.84	173	216070	18.421	ug/l #	97
73) Isopropylbenzene	11.00	105	1111987	20.566	ug/l	100
74) N-amyl acetate	10.88	43	585403	19.466	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	365535	19.702	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	433036	25.518	ug/l	85
77) Bromobenzene	11.24	156	280872	19.475	ug/l	97
78) n-propylbenzene	11.35	91	1279562	20.696	ug/l	99
79) 2-Chlorotoluene	11.40	91	763679	20.152	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	961204	20.816	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	129312	18.284	ug/l	99
82) 4-Chlorotoluene	11.50	91	911801	20.524	ug/l	99
83) tert-Butylbenzene	11.76	119	927834	20.570	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	951306	20.216	ug/l	99
85) sec-Butylbenzene	11.93	105	1067773	20.469	ug/l	99
86) p-Isopropyltoluene	12.05	119	977783	20.190	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	510901	19.788	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	500772	19.041	ug/l	97
89) n-Butylbenzene	12.37	91	889330	20.321	ug/l	99
90) Hexachloroethane	12.58	117	189108	20.063	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	499144	19.754	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94272	18.003	ug/l	97

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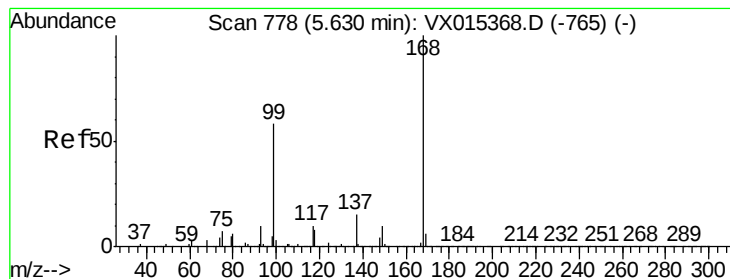
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	375872	18.806	ug/l	100
94) Hexachlorobutadiene	13.77	225	174126	18.299	ug/l	96
95) Naphthalene	13.82	128	1235599	20.267	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	378794	19.685	ug/l	99

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

Page: 4



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

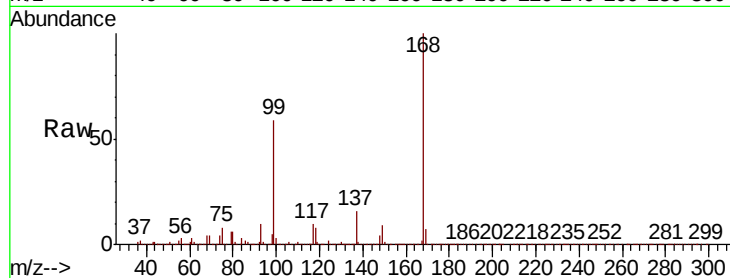
VX0327WBS02

Tot Ion:168 Resp: 1077628

Ion Ratio Lower Upper

168 100

99 58.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

300000

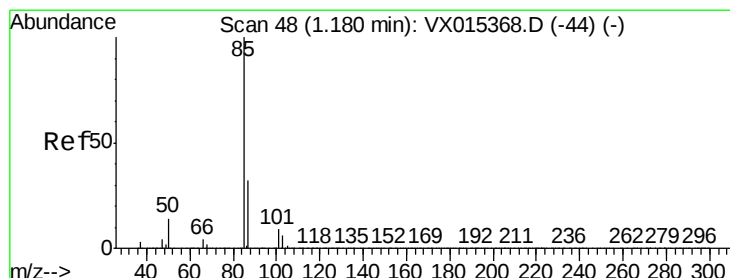
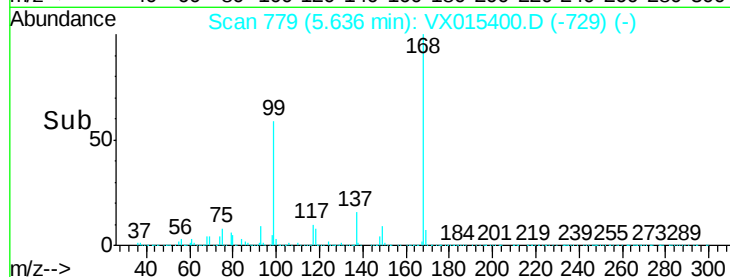
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.510 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015400.D

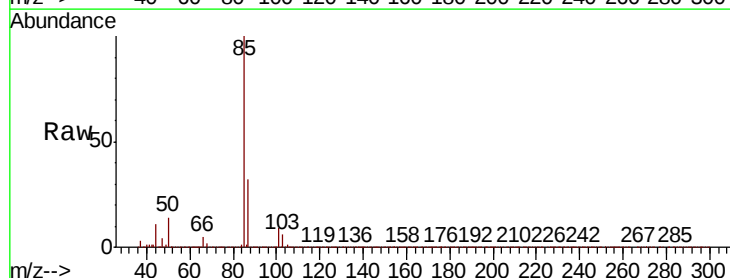
Acq: 27 Mar 2020 23:46

Tgt Ion: 85 Resp: 204218

Ion Ratio Lower Upper

85 100

87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

150000

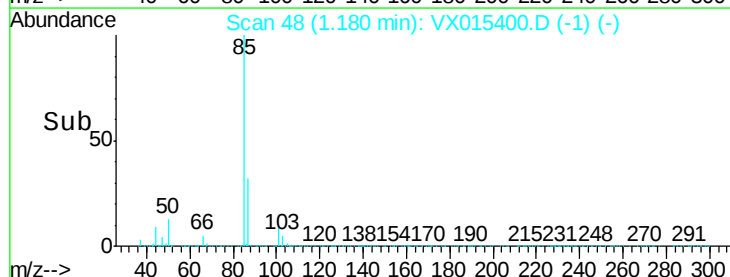
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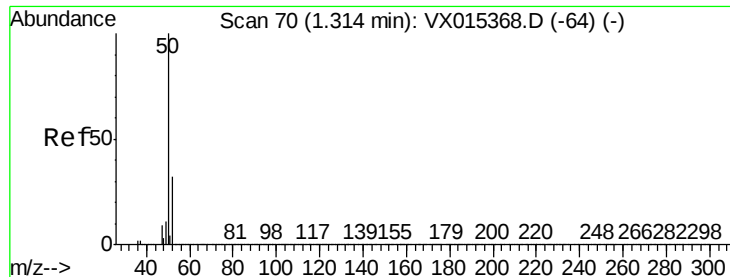
50000

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Time-->

1.10 1.15 1.20 1.25 1.30

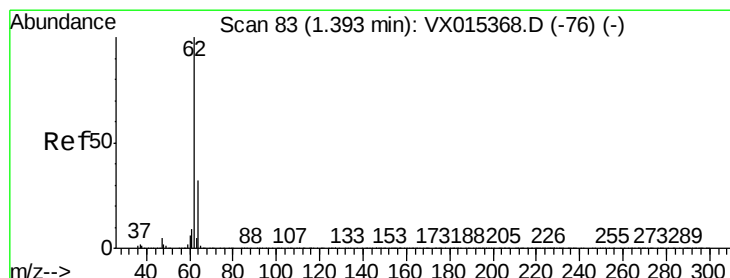
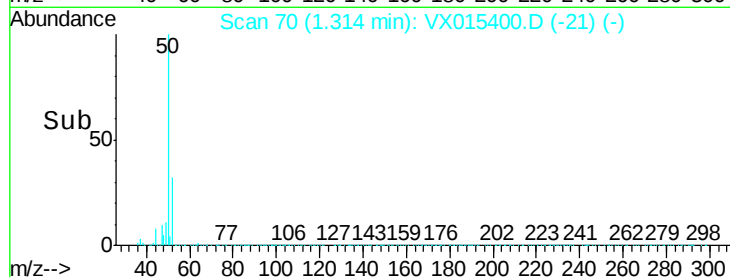
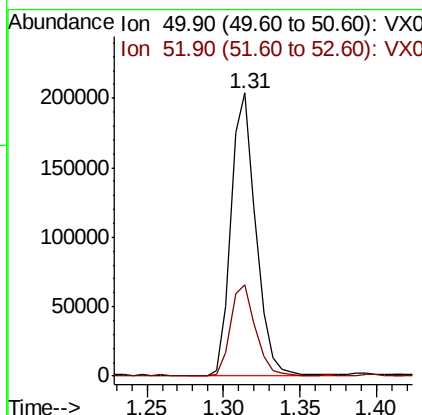
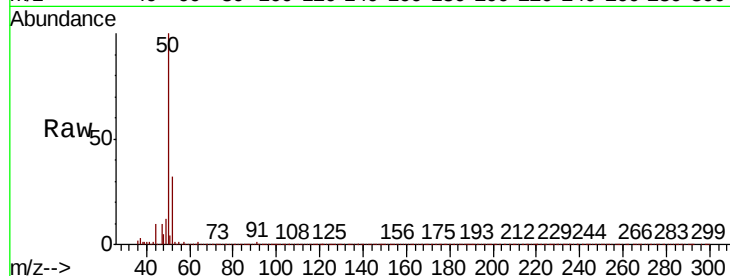




#3
Chloromethane
Concen: 18.685 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

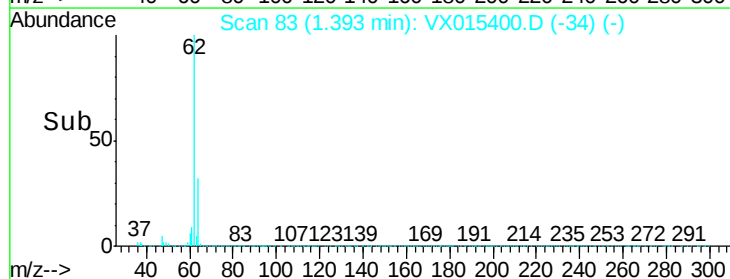
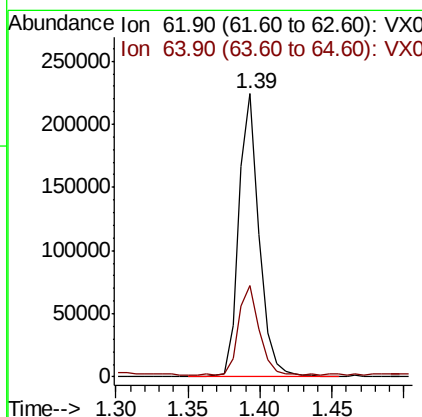
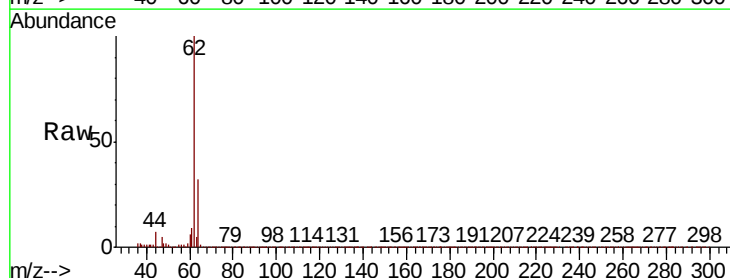
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

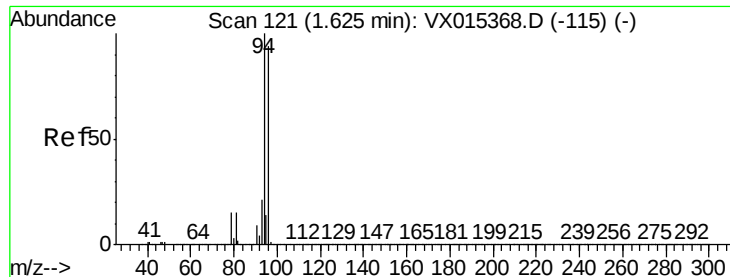
Tot Ion: 50 Resp: 225914
Ion Ratio Lower Upper
50 100
52 32.0 25.3 37.9



#4
Vinyl Chloride
Concen: 19.845 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 62 Resp: 220317
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0





#5

Bromomethane

Concen: 23.620 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampled :

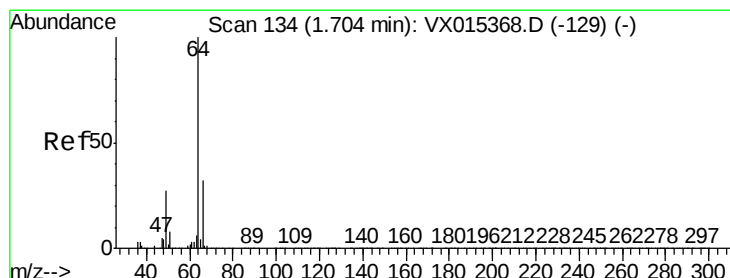
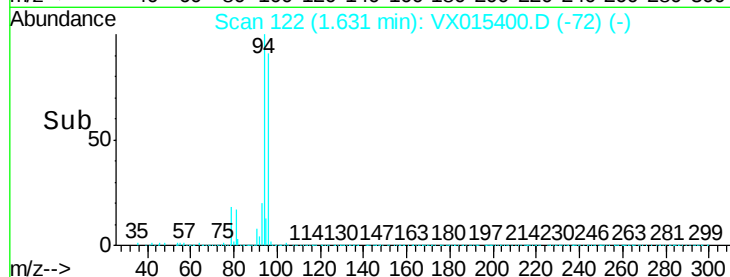
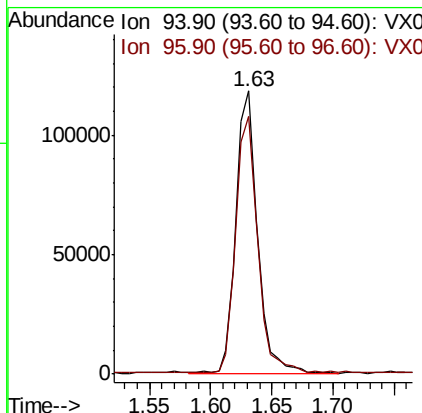
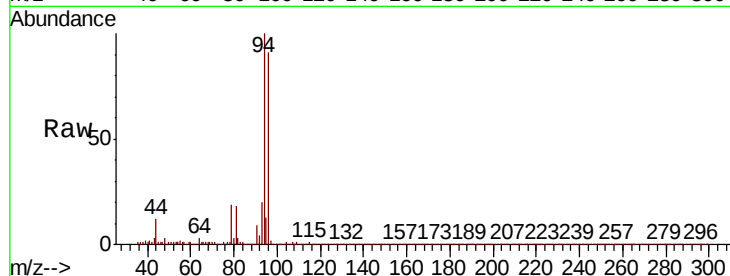
VX0327WBS02

Tot Ion: 94 Resp: 142714

Ion Ratio Lower Upper

94 100

96 90.6 74.8 112.2



#6

Chloroethane

Concen: 19.798 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015400.D

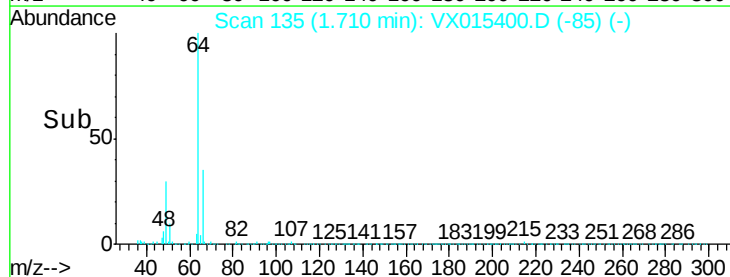
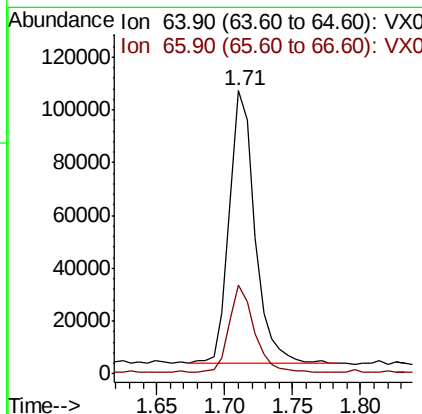
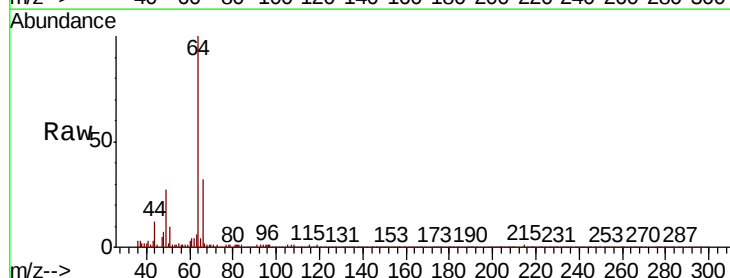
Acq: 27 Mar 2020 23:46

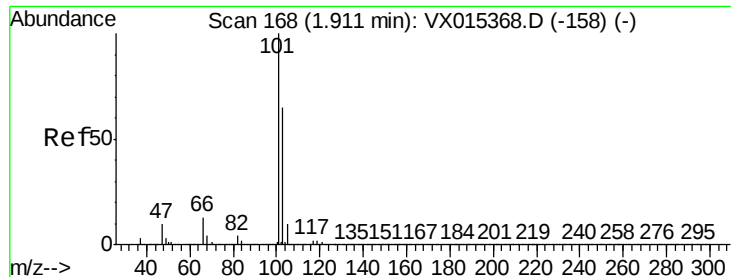
Tgt Ion: 64 Resp: 136320

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.2



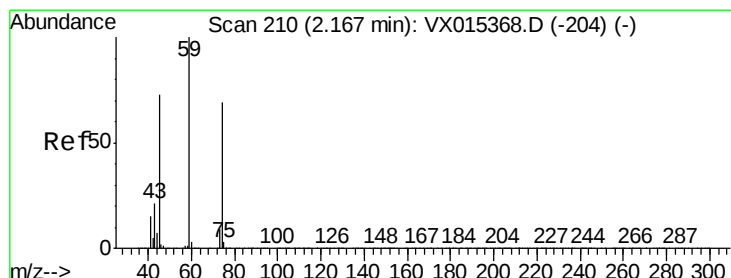
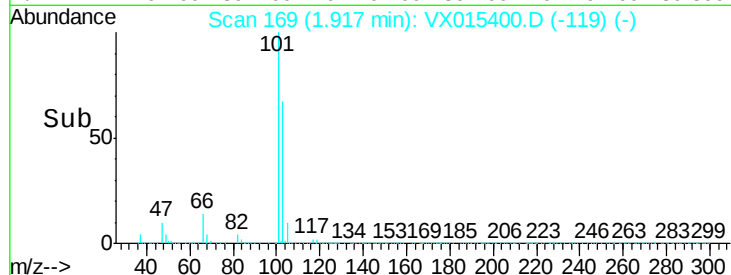
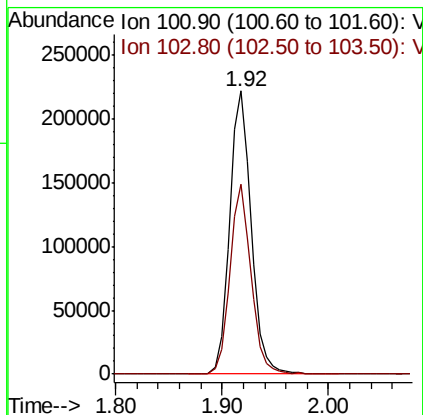
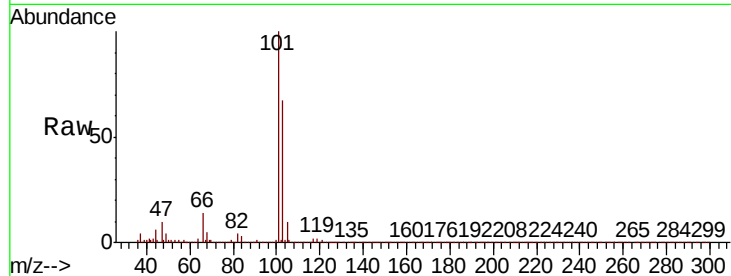


#7

Trichlorofluoromethane
 Concen: 21.142 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

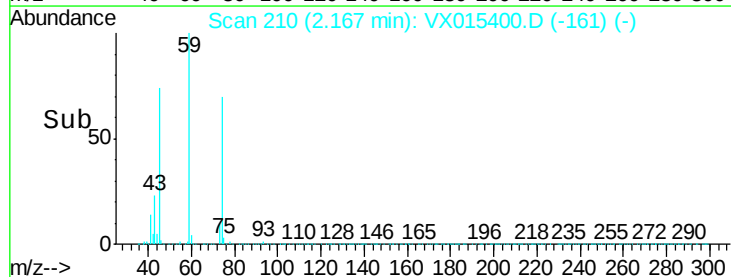
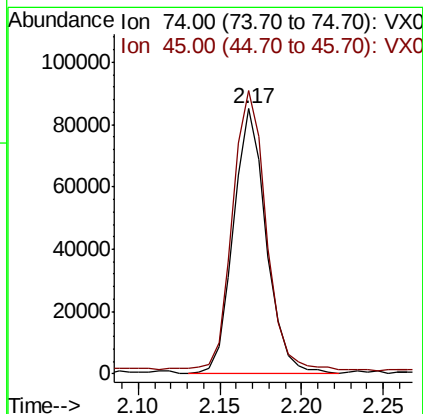
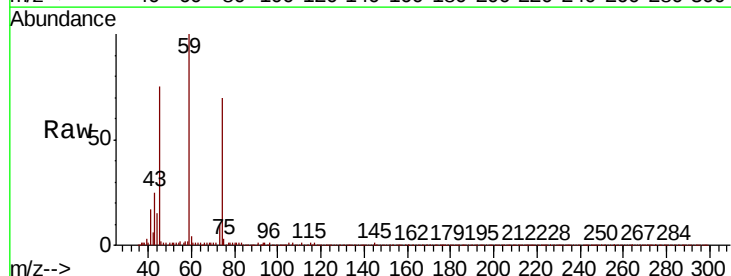
Tot Ion:101 Resp: 314779
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.3 78.5

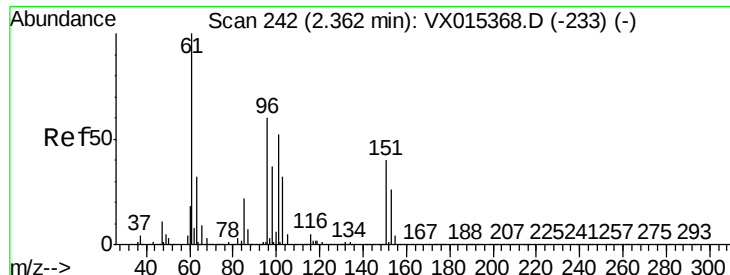


#8

Diethyl Ether
 Concen: 18.771 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Tgt Ion: 74 Resp: 117877
 Ion Ratio Lower Upper
 74 100
 45 108.3 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.147 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

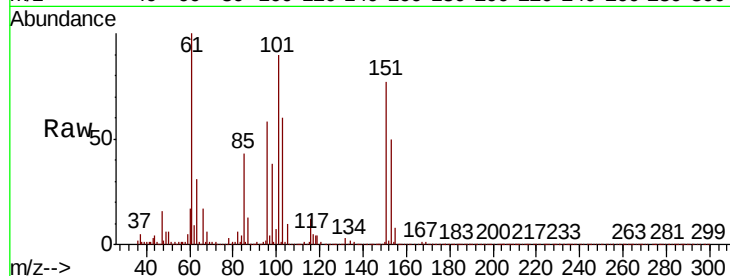
Tot Ion:101 Resp: 205253

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.4

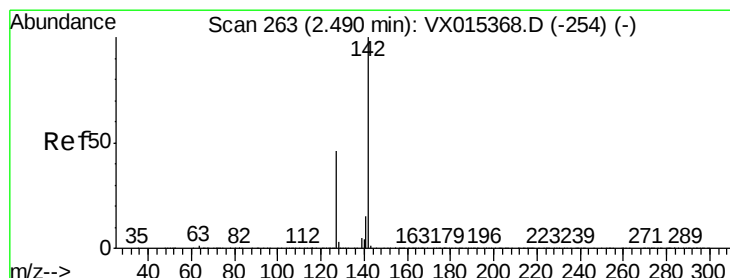
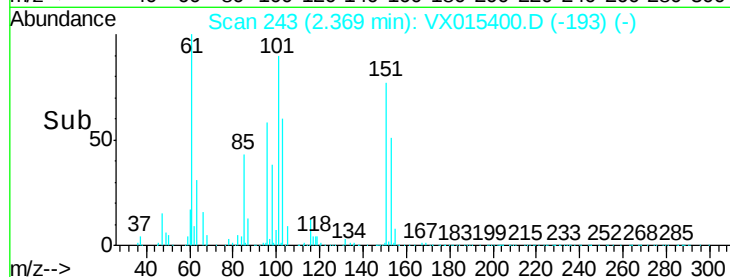
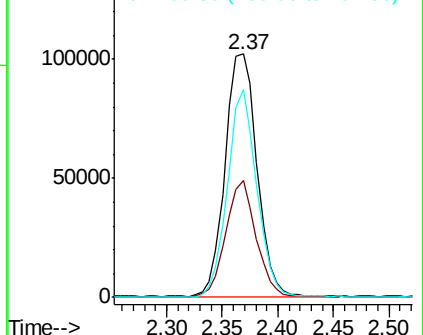
151 78.3 64.1 96.1



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: 13.465 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

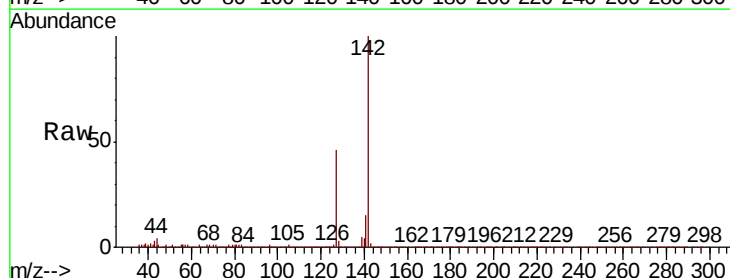
Tgt Ion:142 Resp: 176203

Ion Ratio Lower Upper

142 100

127 44.8 35.9 53.9

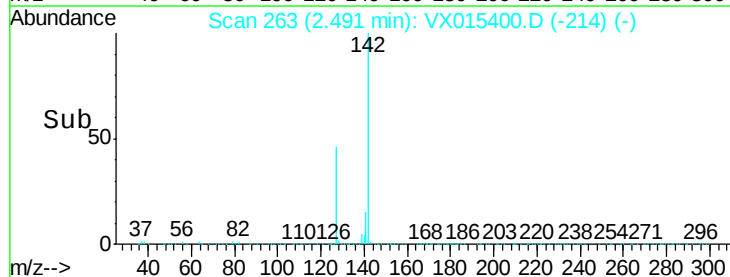
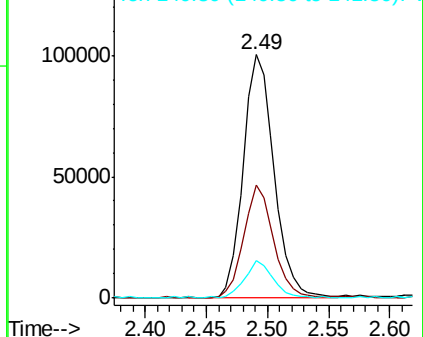
141 14.3 11.6 17.4

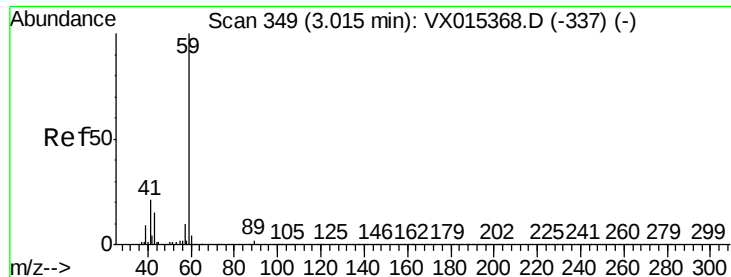


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



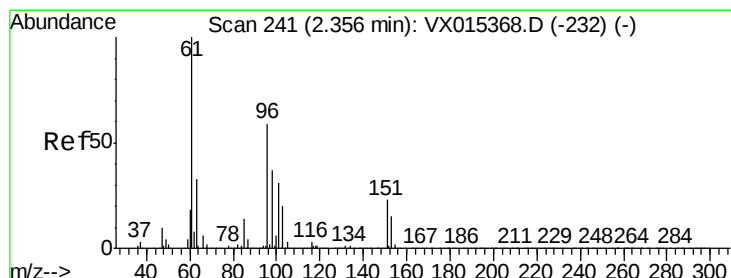
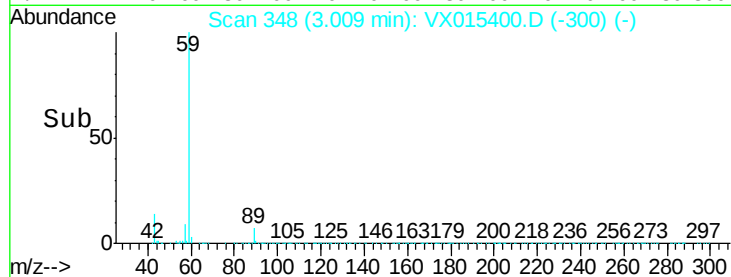
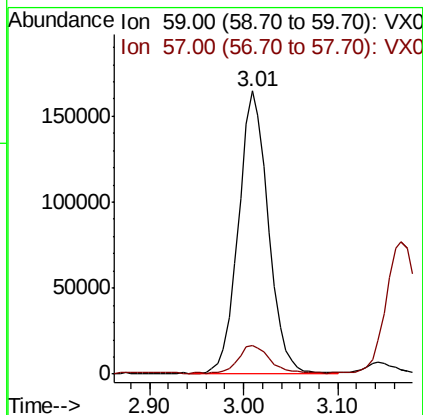
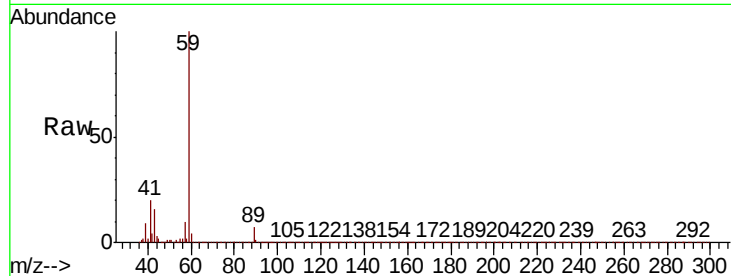


#11

Tert butyl alcohol
 Concen: 99.898 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Instrument :
 MSVOA_X
 ClientSampled :
 VX0327WBS02

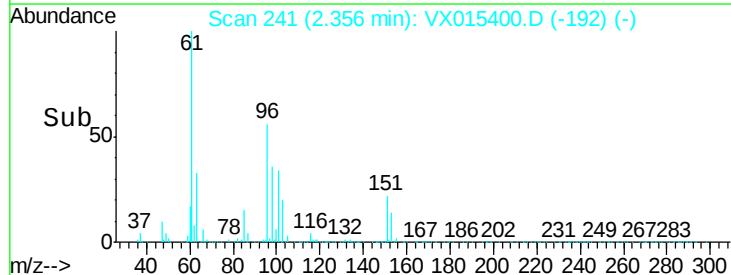
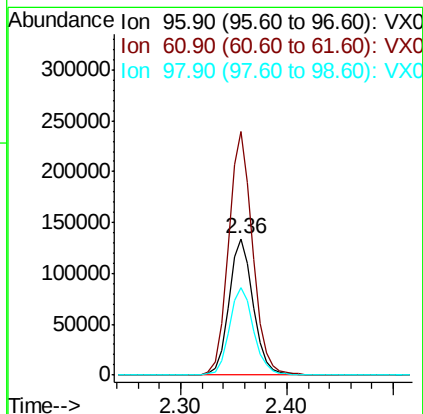
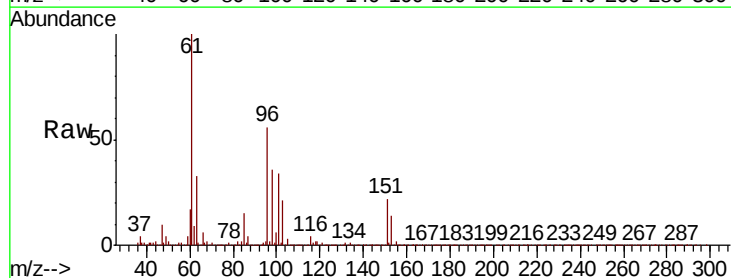
Tot Ion: 59 Resp: 363419
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.1 12.1

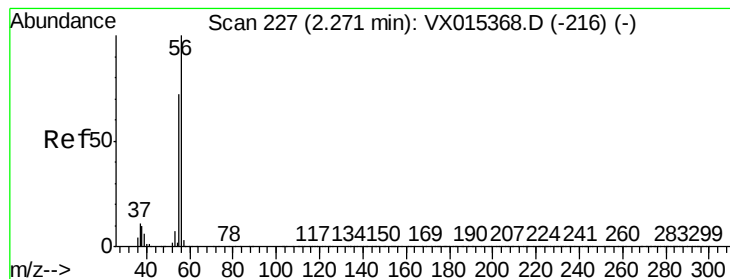


#12

1,1-Dichloroethene
 Concen: 20.750 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Tgt Ion: 96 Resp: 211112
 Ion Ratio Lower Upper
 96 100
 61 178.6 135.7 203.5
 98 63.7 50.6 75.8





#13

Acrolein

Concen: 89.650 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

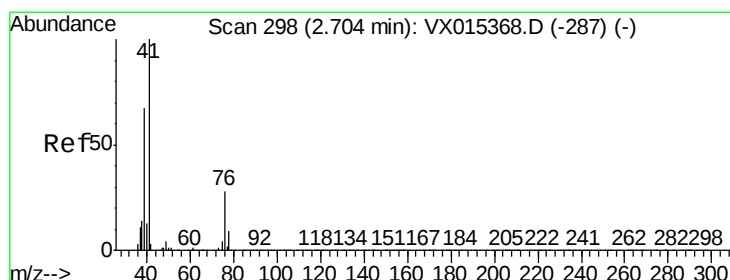
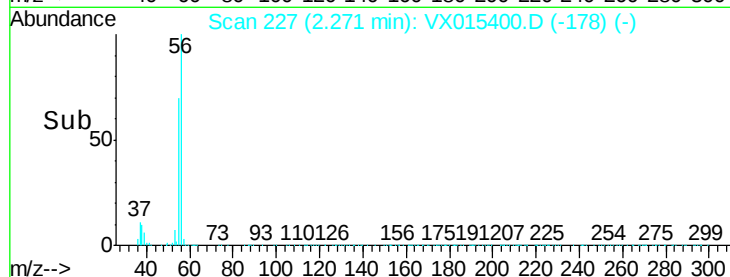
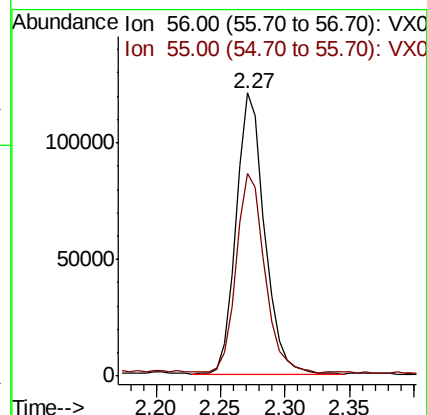
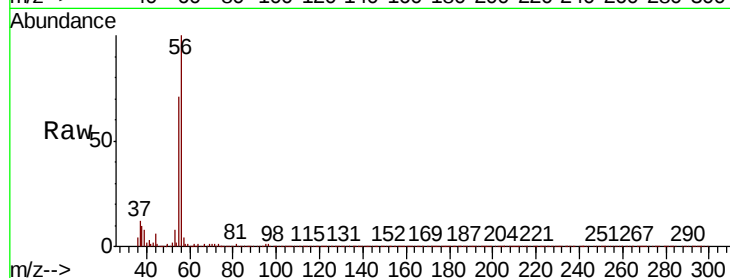
VX0327WBS02

Tot Ion: 56 Resp: 185784

Ion Ratio Lower Upper

56 100

55 70.0 57.0 85.4



#14

Allyl chloride

Concen: 20.116 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

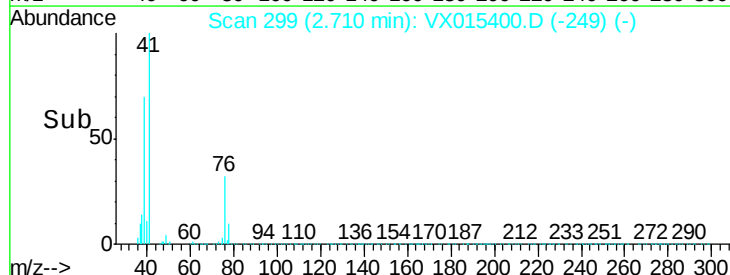
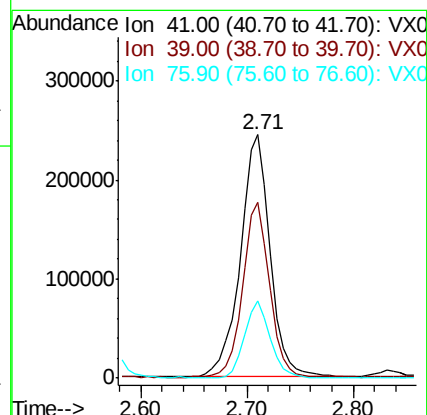
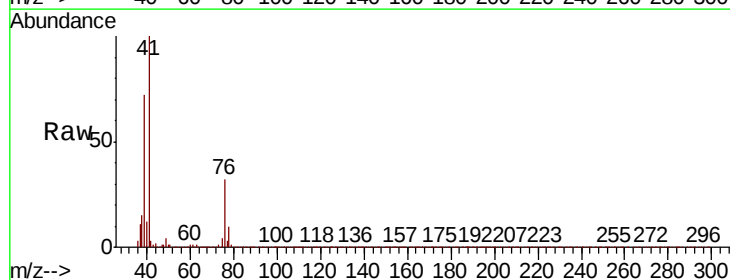
Tgt Ion: 41 Resp: 478210

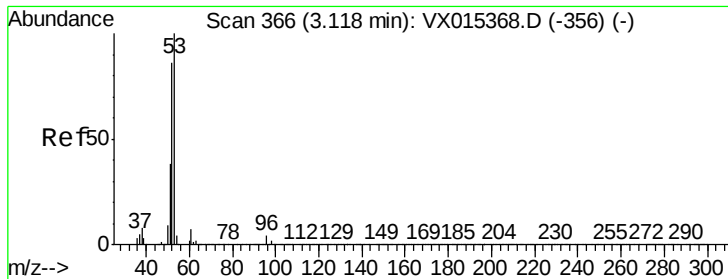
Ion Ratio Lower Upper

41 100

39 65.3 51.4 77.0

76 27.8 21.8 32.8

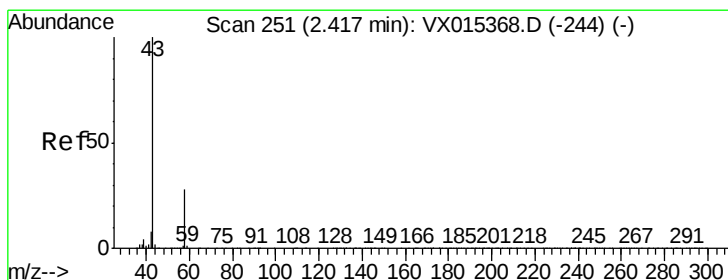
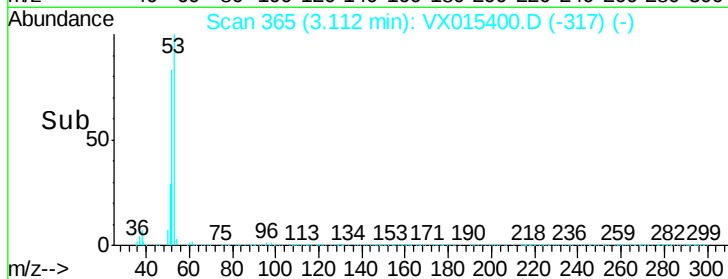
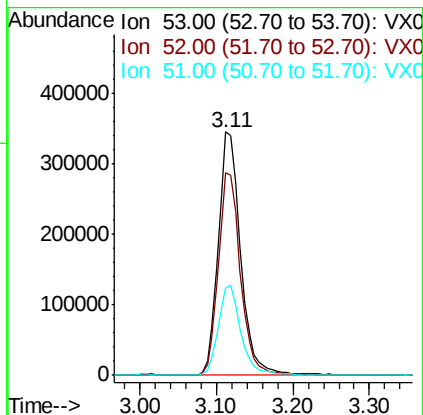
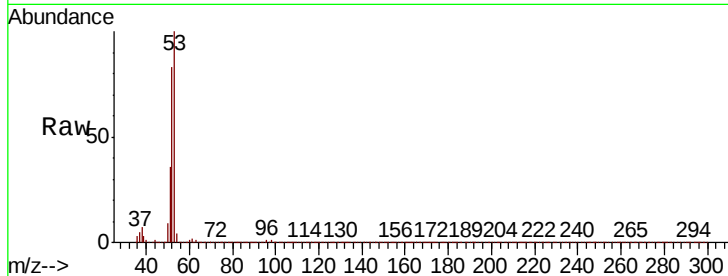




#15
 Acrylonitrile
 Concen: 100.549 ug/l
 RT: 3.11 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

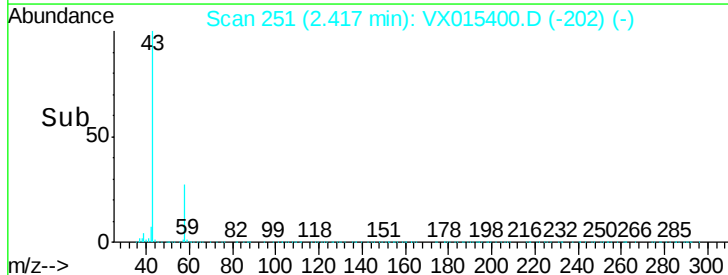
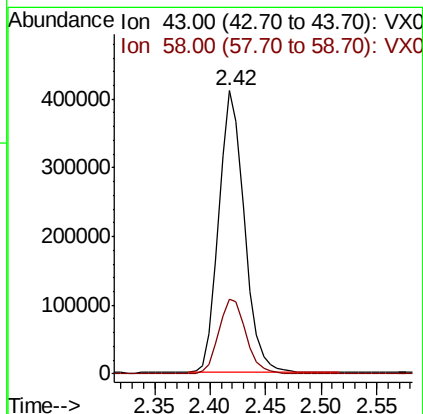
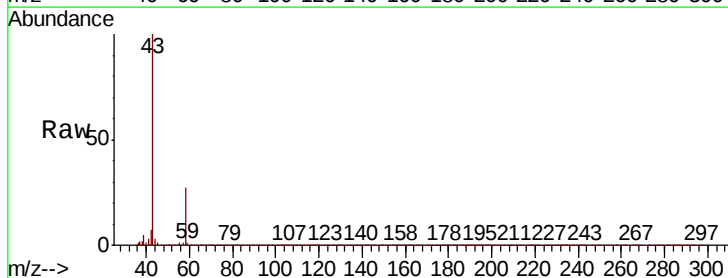
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0327WBS02

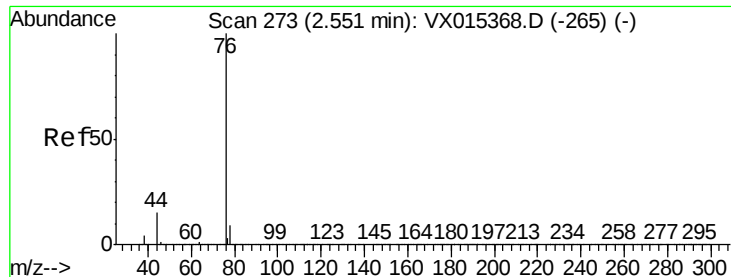
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.8	100.2
51	36.9	29.5	44.3



#16
 Acetone
 Concen: 100.319 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.6	22.1	33.1





#17

Carbon Disulfide

Concen: 20.474 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

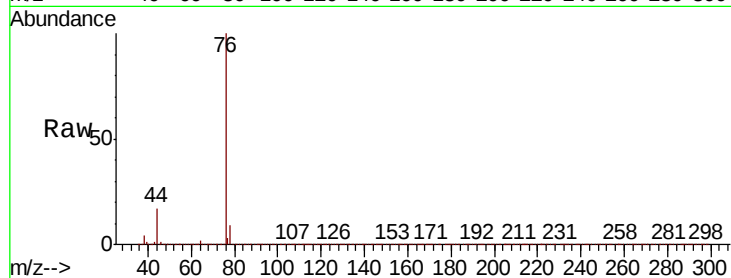
VX0327WBS02

Tot Ion: 76 Resp: 635452

Ion Ratio Lower Upper

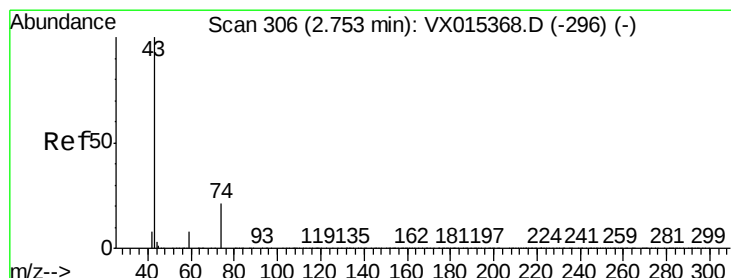
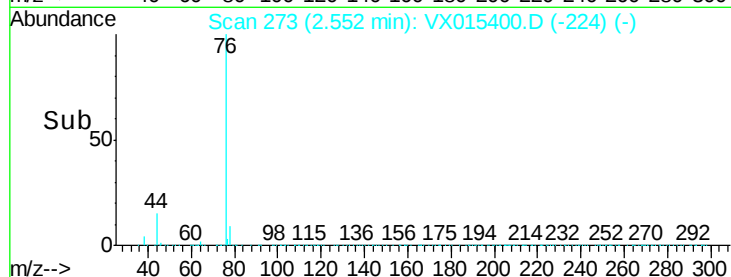
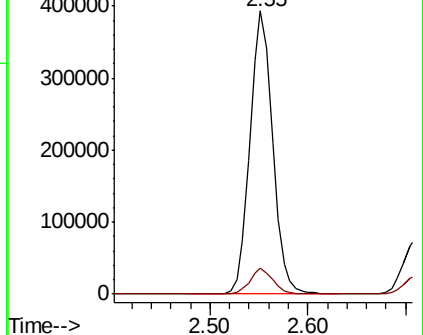
76 100

78 9.3 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: 19.975 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015400.D

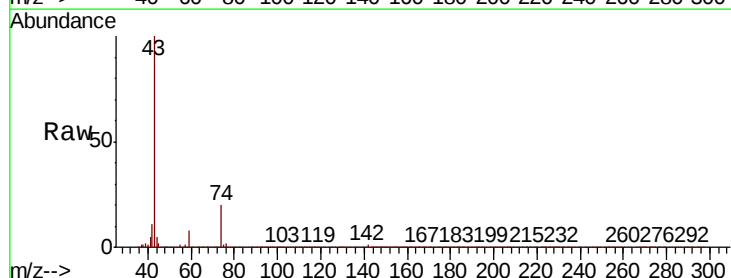
Acq: 27 Mar 2020 23:46

Tgt Ion: 43 Resp: 332895

Ion Ratio Lower Upper

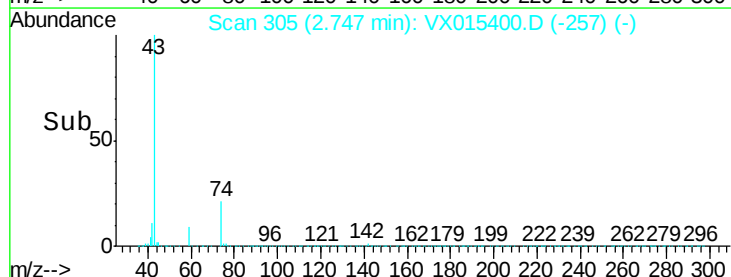
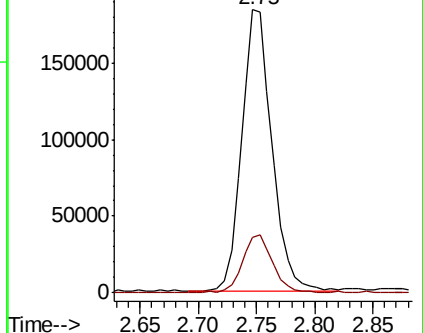
43 100

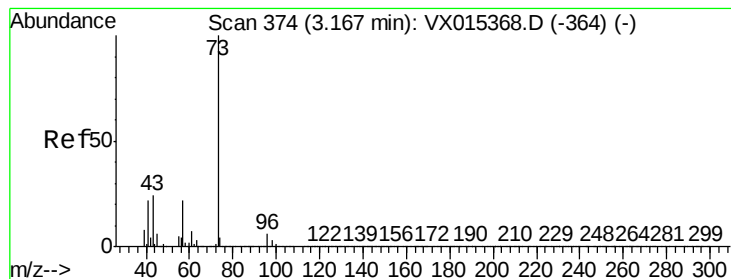
74 20.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



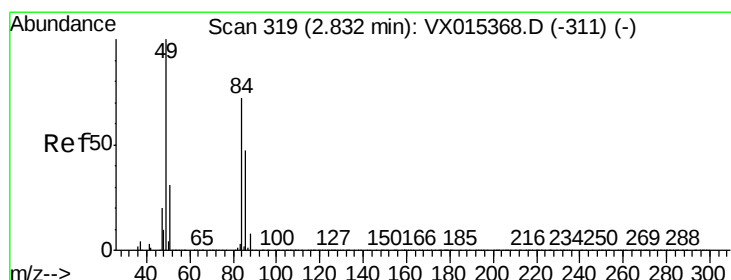
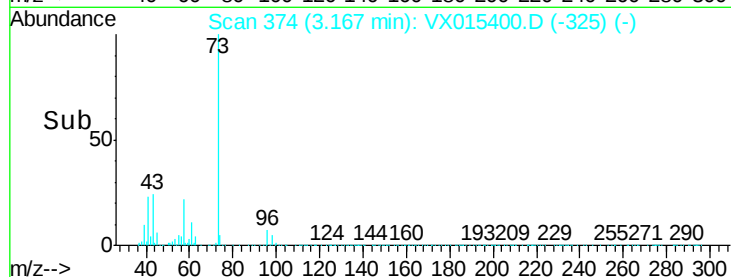
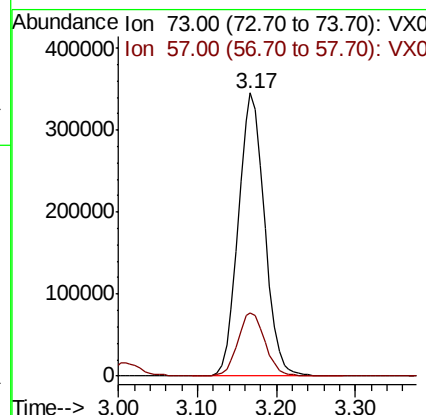
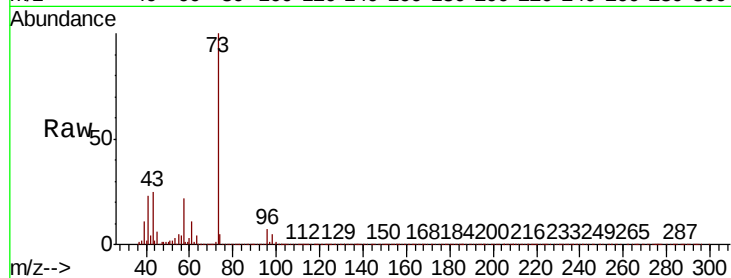


#19

Methyl tert-butyl Ether
Concen: 20.198 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

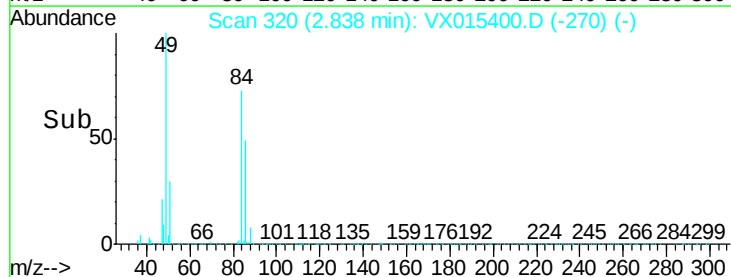
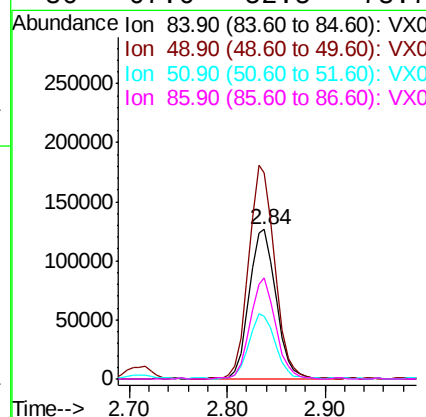
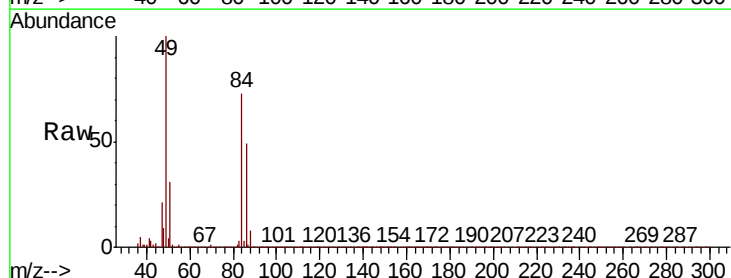
Tot Ion: 73 Resp: 796980
Ion Ratio Lower Upper
73 100
57 22.1 17.9 26.9

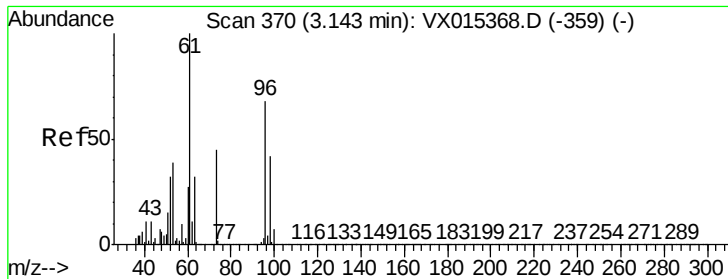


#20

Methylene Chloride
Concen: 19.726 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 84 Resp: 240593
Ion Ratio Lower Upper
84 100
49 137.7 111.3 166.9
51 41.7 34.0 51.0
86 67.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.365 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

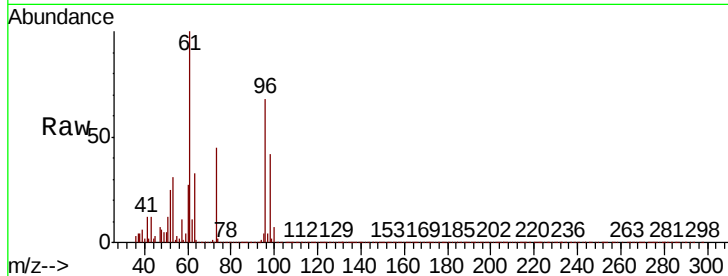
Tot Ion: 96 Resp: 229945

Ion Ratio Lower Upper

96 100

61 147.7 116.9 175.3

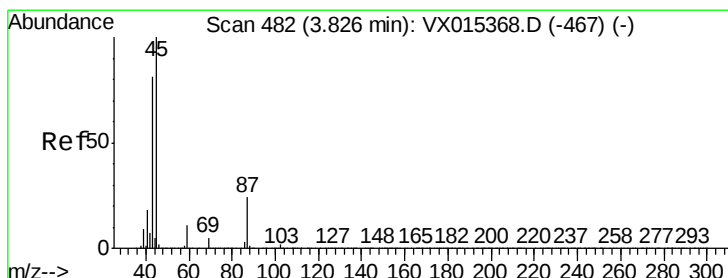
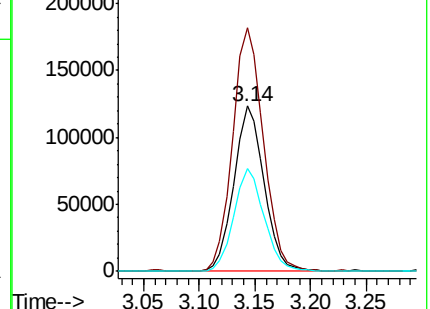
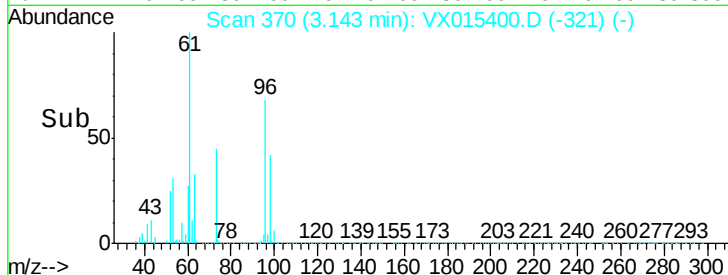
98 62.2 48.6 73.0



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: 20.844 ug/l

RT: 3.83 min Scan# 482

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion: 45 Resp: 878043

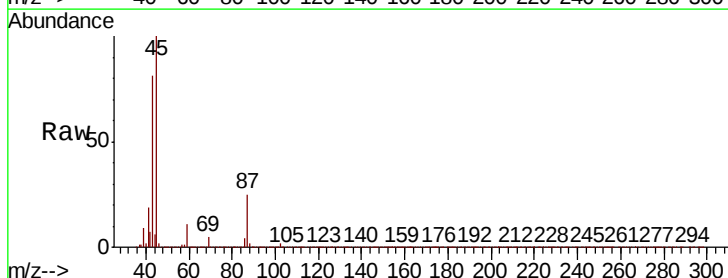
Ion Ratio Lower Upper

45 100

43 79.9 64.7 97.1

87 24.7 19.4 29.0

59 10.3 8.7 13.1

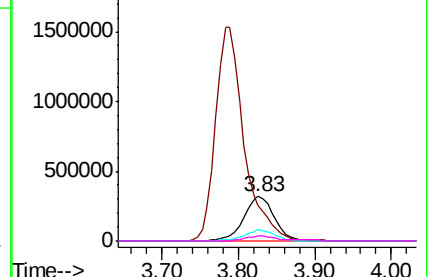
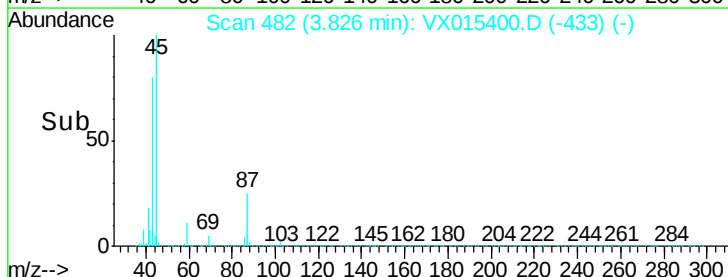


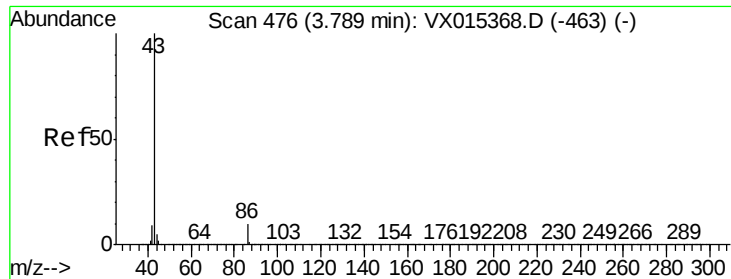
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

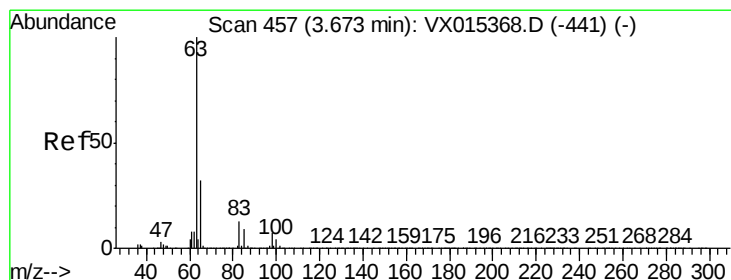
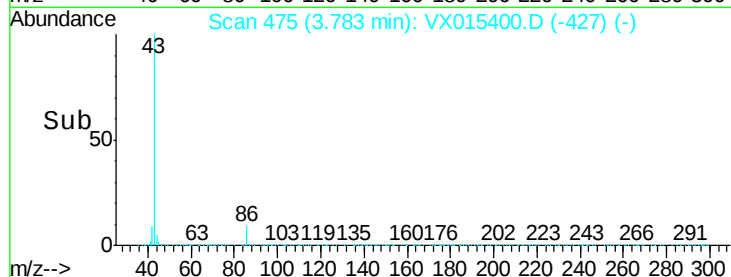
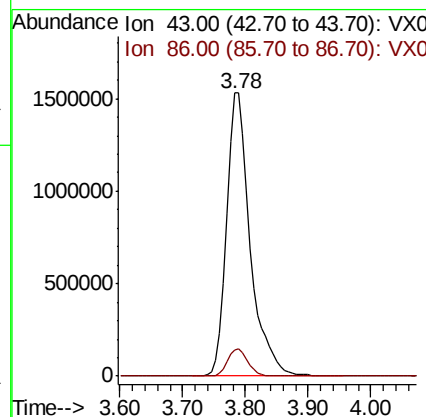
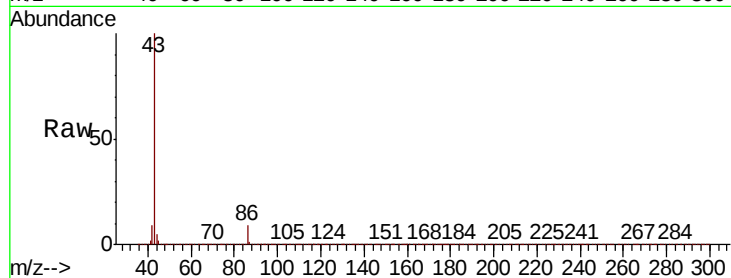




#23
 Vinyl Acetate
 Concen: 104.264 ug/l
 RT: 3.78 min Scan# 475
 Delta R.T. -0.01 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

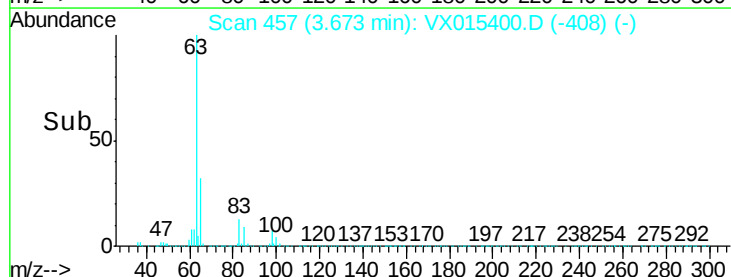
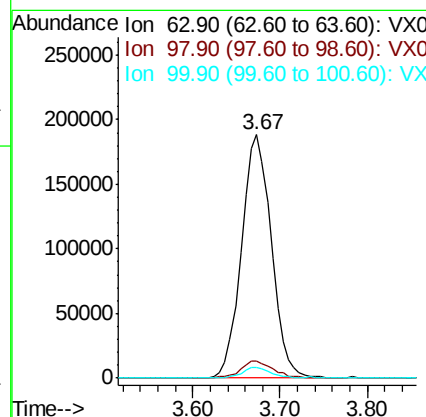
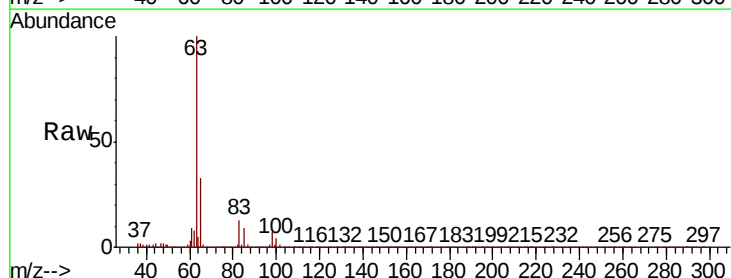
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

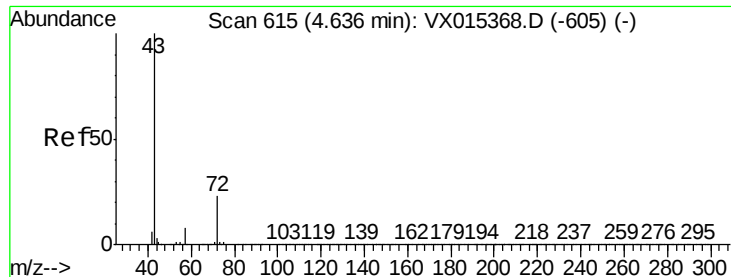
Tot Ion: 43 Resp: 3976569
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 20.047 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Tgt Ion: 63 Resp: 444621
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.8
 100 4.2 2.1 6.5





#25

2-Butanone

Concen: 99.273 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

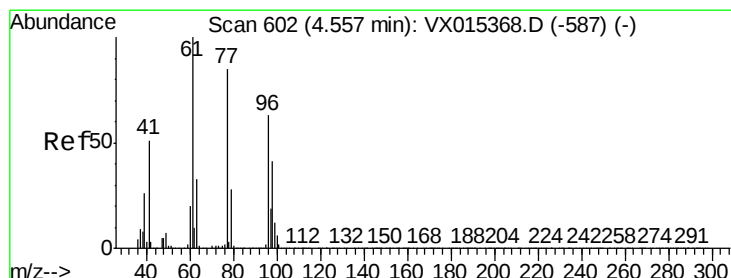
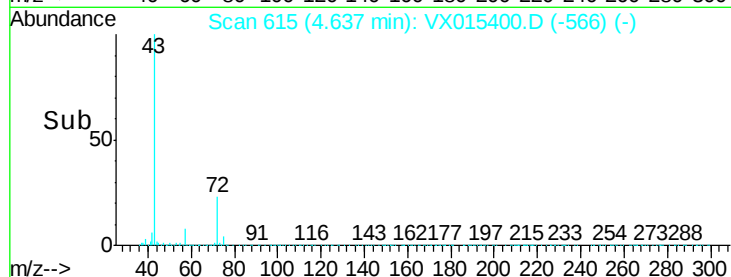
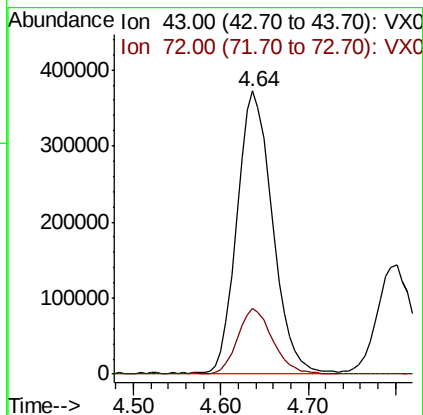
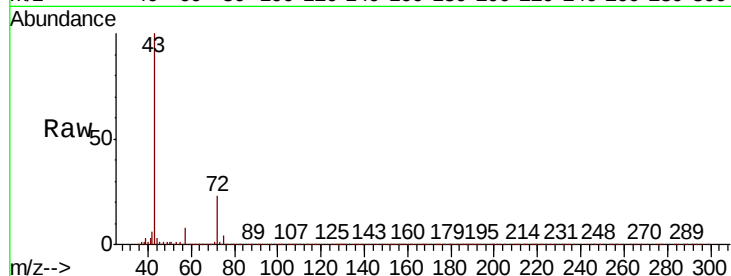
VX0327WBS02

Tot Ion: 43 Resp: 1042486

Ion Ratio Lower Upper

43 100

72 23.0 19.0 28.4



#26

2,2-Dichloropropane

Concen: 17.832 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015400.D

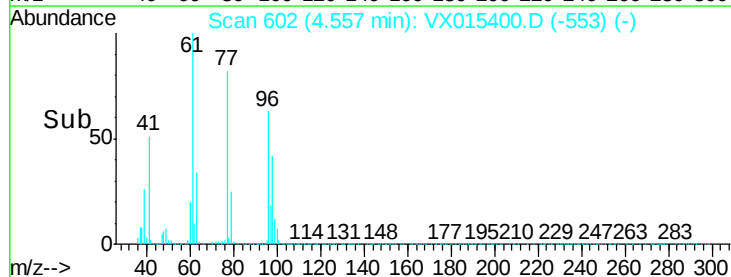
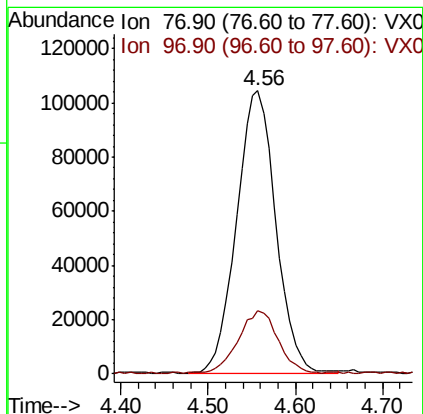
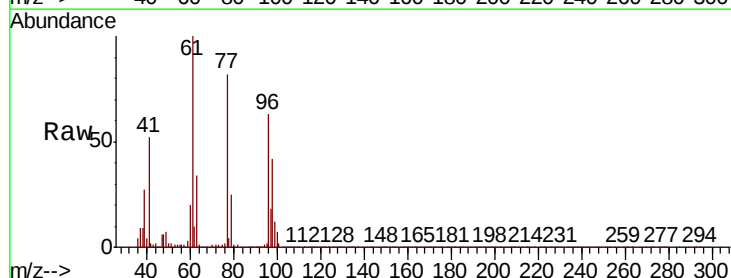
Acq: 27 Mar 2020 23:46

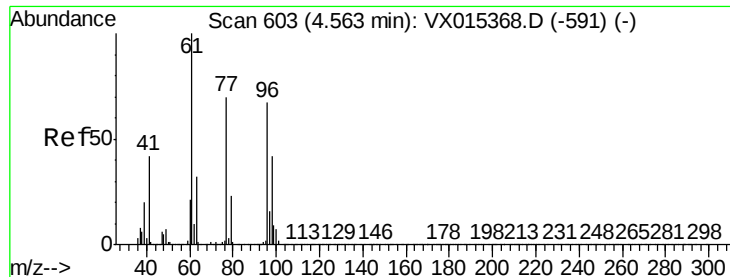
Tgt Ion: 77 Resp: 324639

Ion Ratio Lower Upper

77 100

97 21.9 11.3 33.8



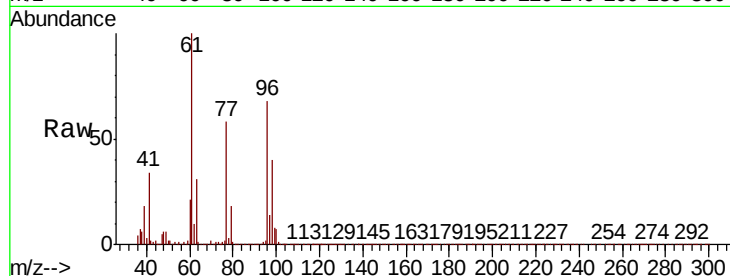


#27

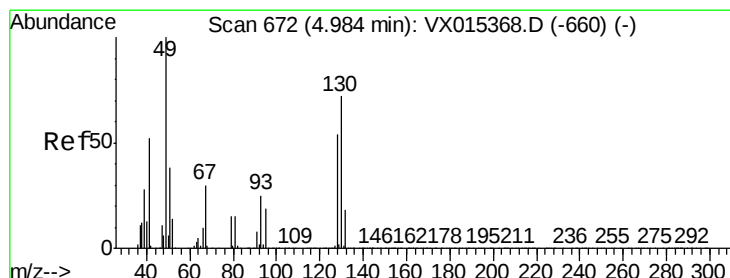
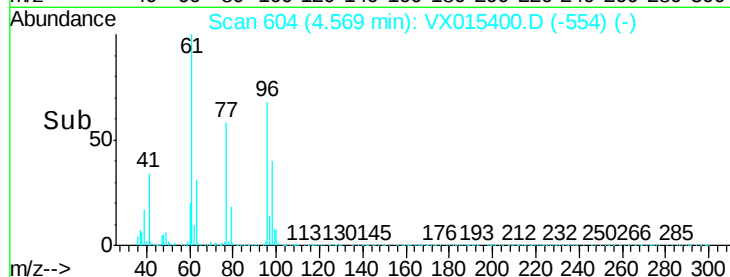
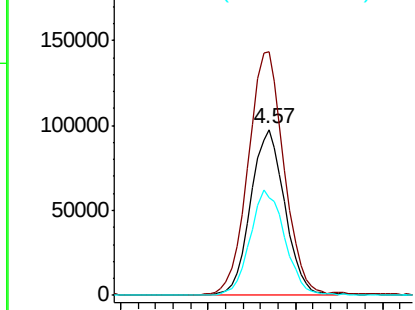
cis-1,2-Dichloroethene
Concen: 20.290 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.6	0.0	308.4
98	64.2	0.0	129.2



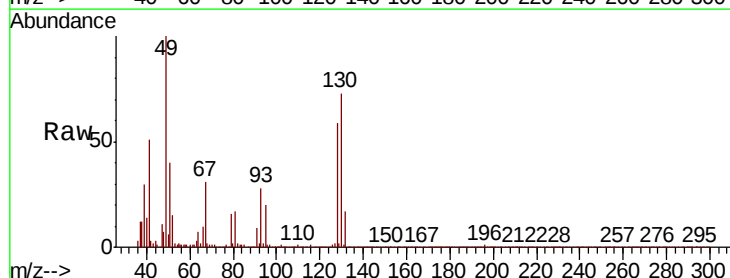
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



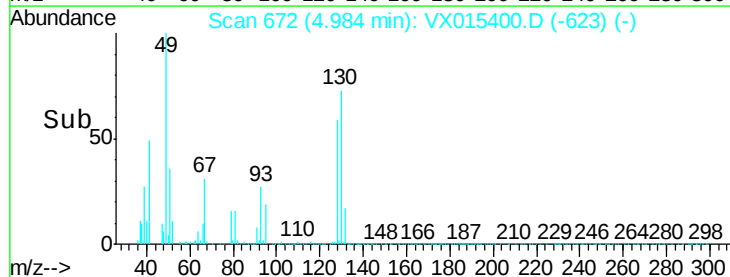
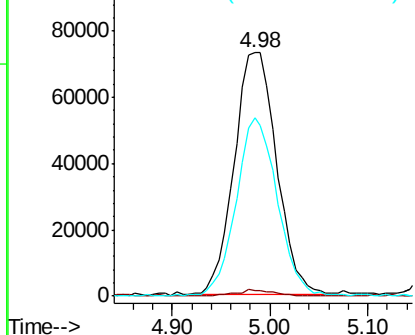
#28

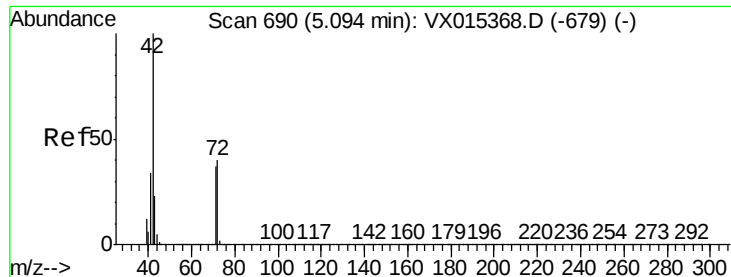
Bromochloromethane
Concen: 20.821 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	71.5	57.7	86.5



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

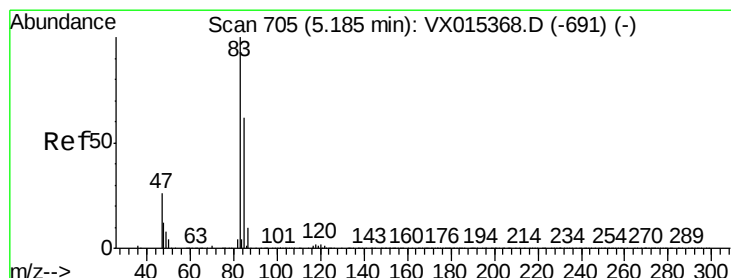
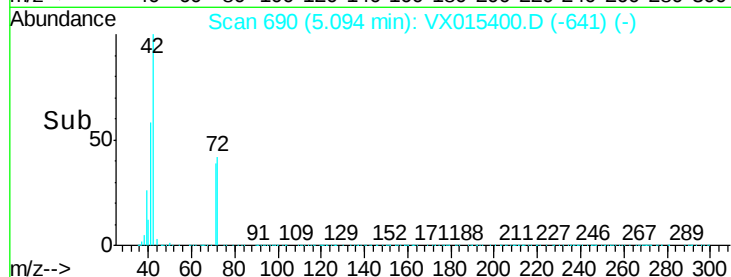
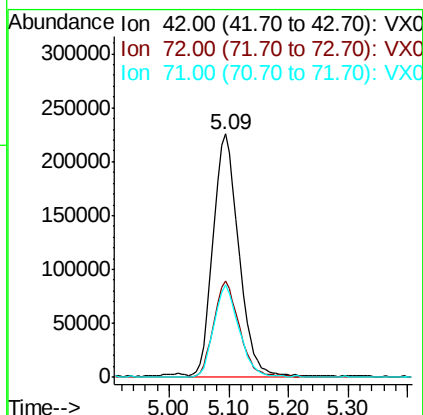
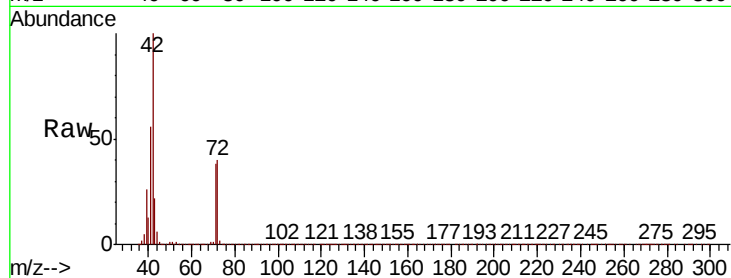




#29
Tetrahydrofuran
Concen: 99.417 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

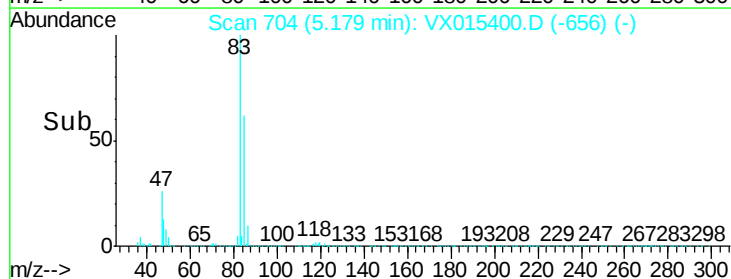
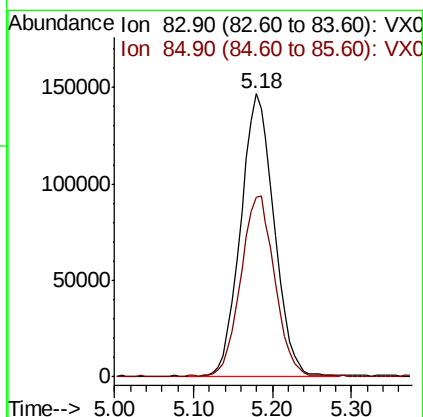
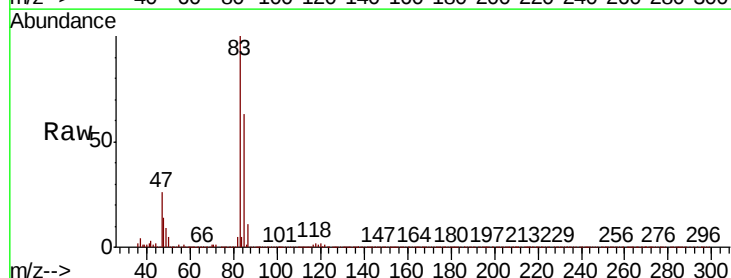
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

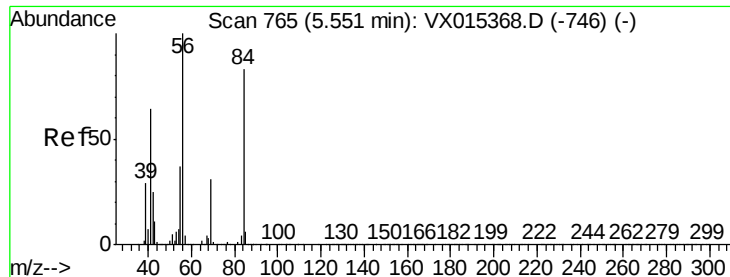
Tot Ion: 42 Resp: 671155
Ion Ratio Lower Upper
42 100
72 39.5 31.7 47.5
71 36.7 29.6 44.4



#30
Chloroform
Concen: 20.120 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 83 Resp: 429319
Ion Ratio Lower Upper
83 100
85 63.1 49.5 74.3

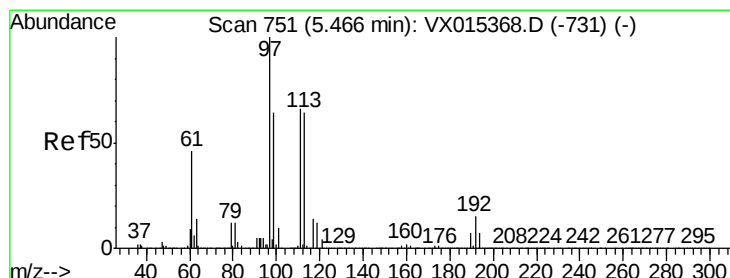
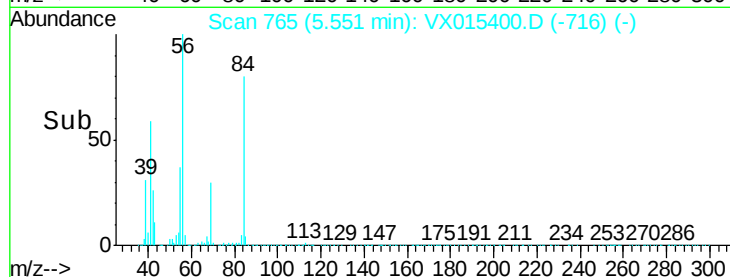
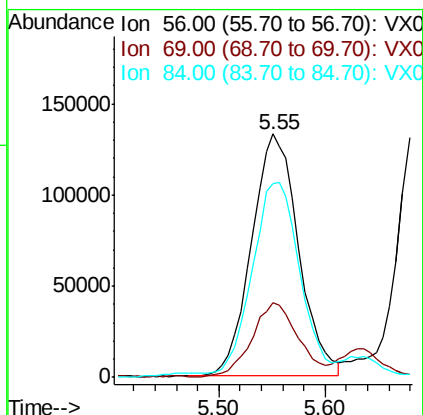
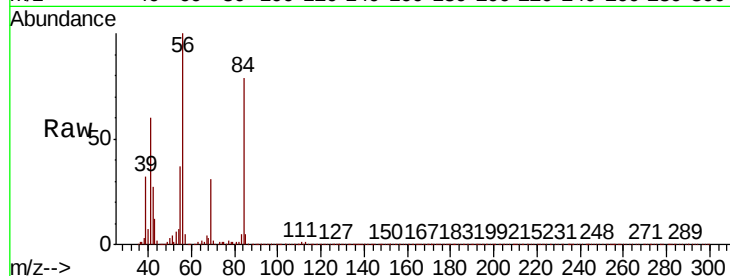




#31
Cyclohexane
Concen: 21.288 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

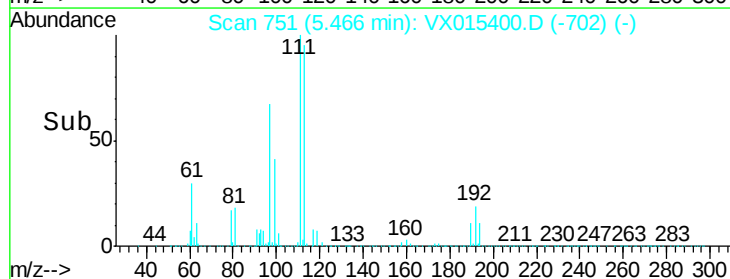
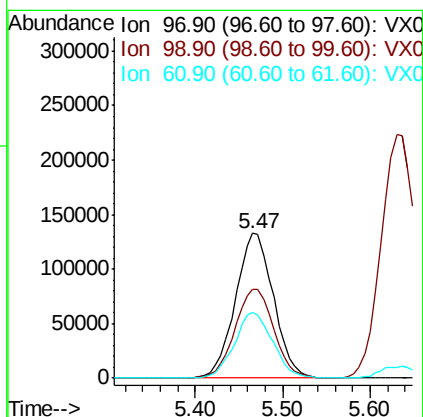
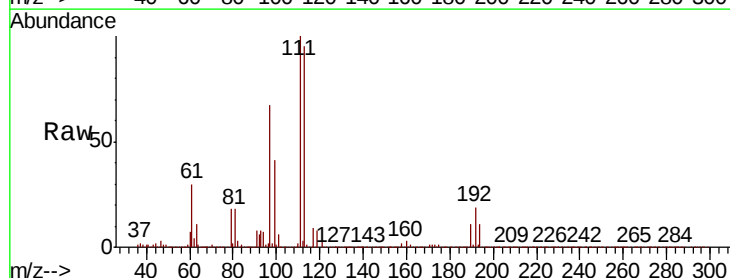
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

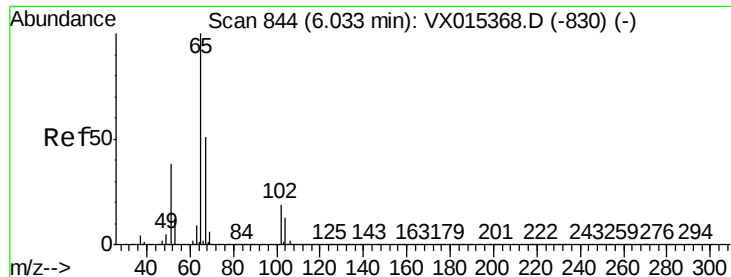
Tot Ion: 56 Resp: 409581
Ion Ratio Lower Upper
56 100
69 30.6 24.6 36.8
84 78.1 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 20.564 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 97 Resp: 397116
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 46.5 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 47.943 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

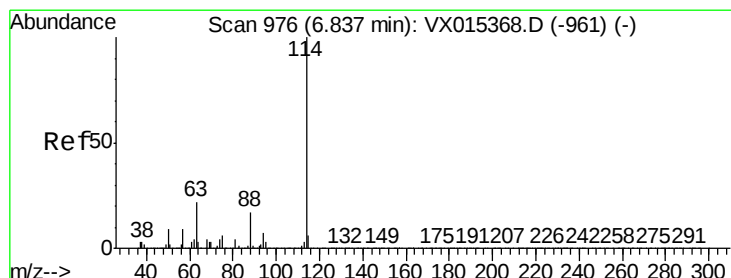
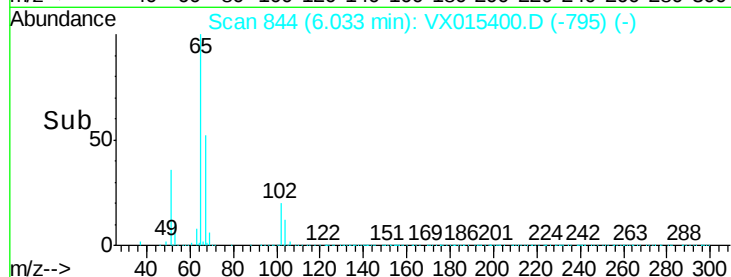
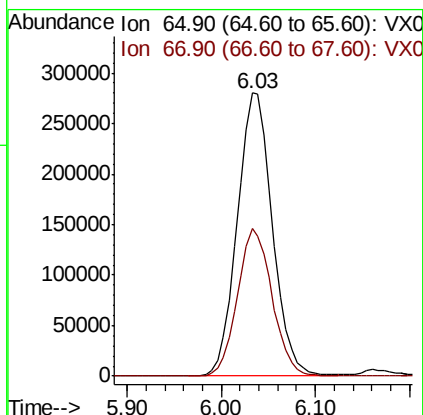
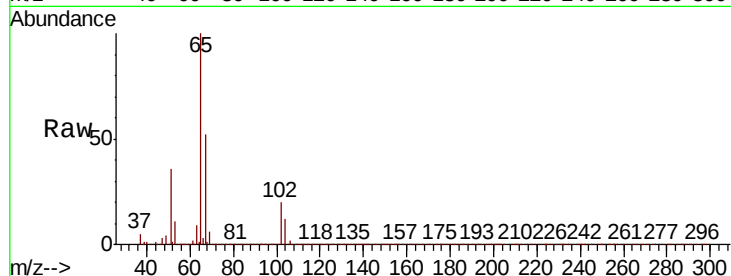
VX0327WBS02

Tot Ion: 65 Resp: 728676

Ion Ratio Lower Upper

65 100

67 51.3 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: VX015400.D

Acq: 27 Mar 2020 23:46

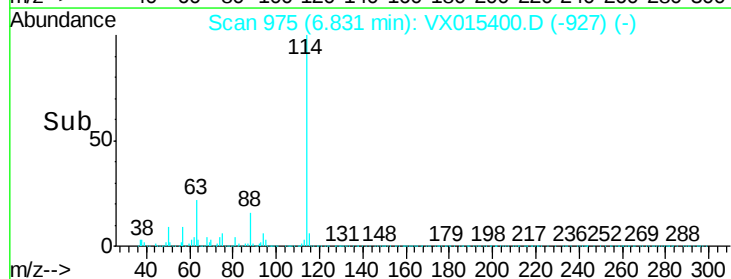
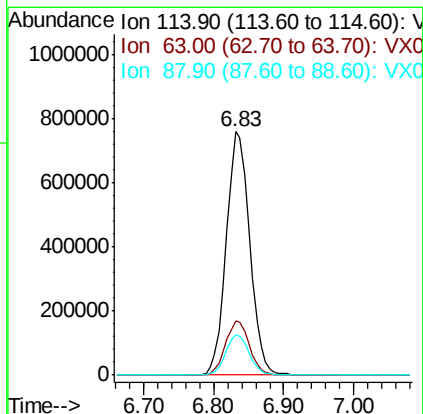
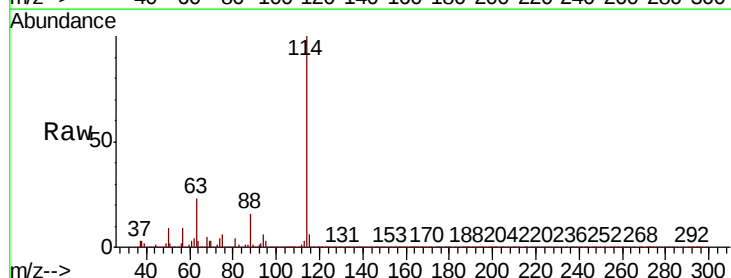
Tgt Ion: 114 Resp: 1772989

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.2

88 16.2 0.0 33.8

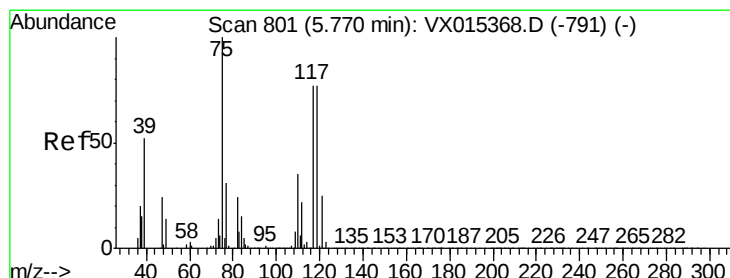
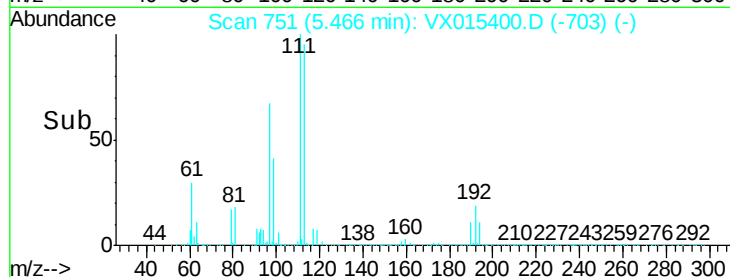
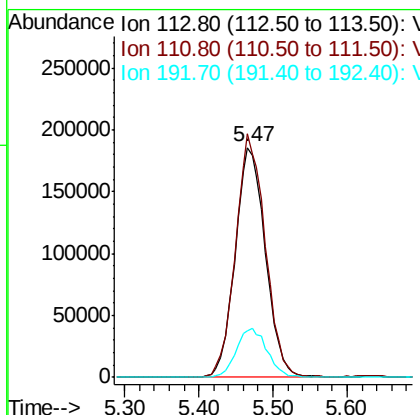
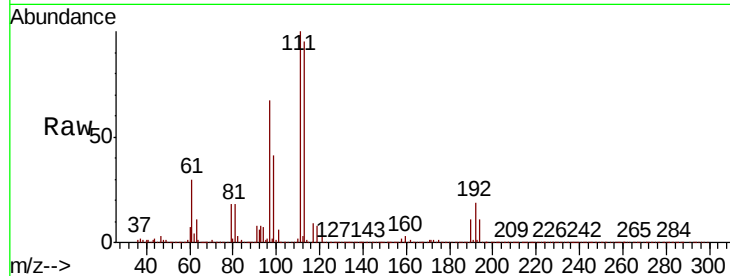




#35
Dibromofluoromethane
Concen: 46.707 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

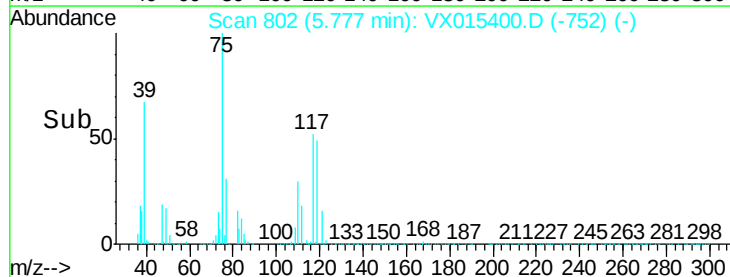
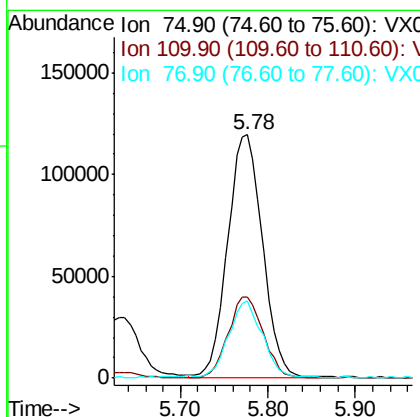
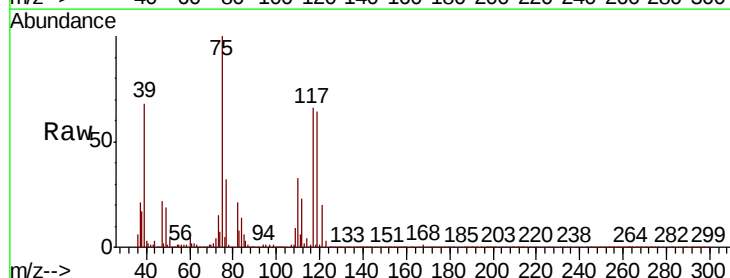
Instrument :
MSVOA_X
ClientSampled :
VX0327WBS02

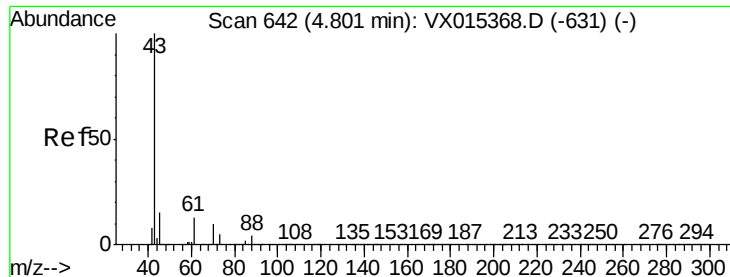
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	21.7	17.8	26.6



#36
1,1-Dichloropropene
Concen: 20.097 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.4	17.1	51.3
77	30.3	24.6	36.8

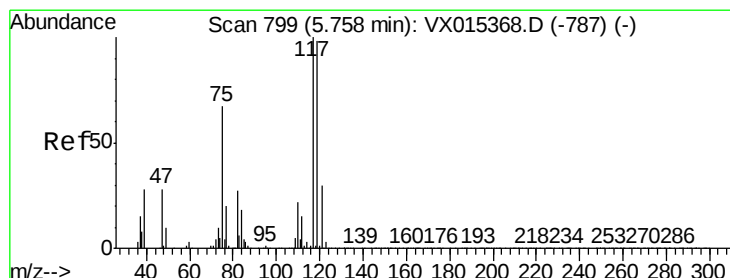
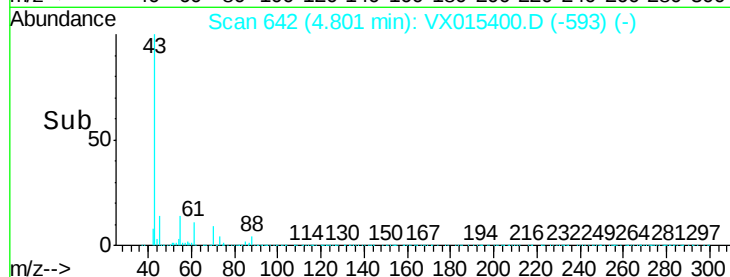
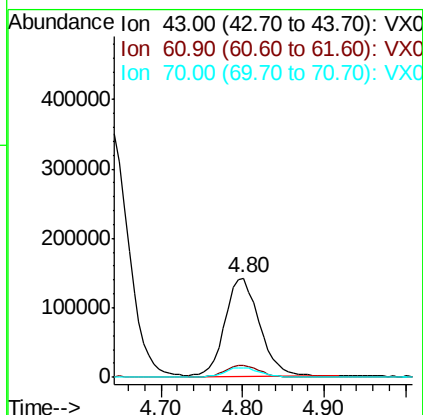
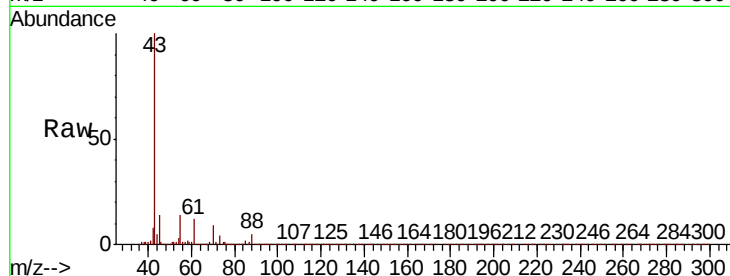




#37
Ethyl Acetate
Concen: 19.522 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

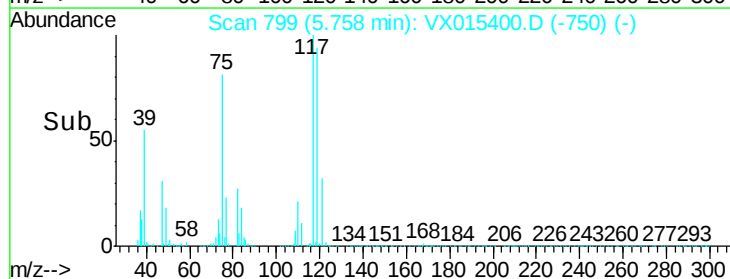
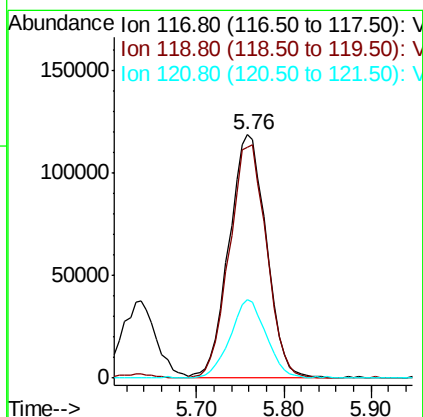
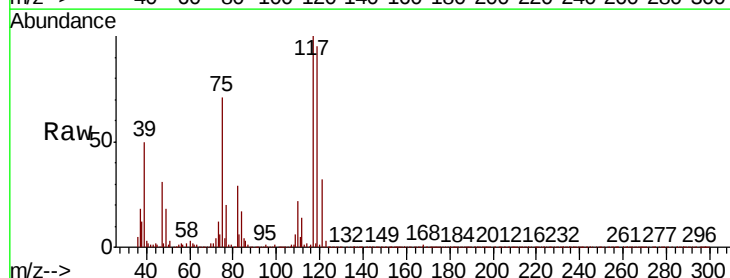
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

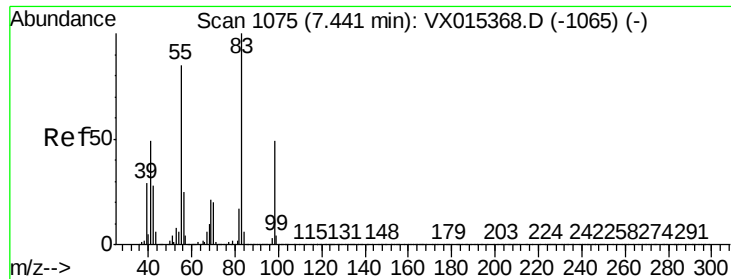
Tot Ion: 43 Resp: 415253
Ion Ratio Lower Upper
43 100
61 11.9 9.9 14.9
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.762 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 117 Resp: 349671
Ion Ratio Lower Upper
117 100
119 94.9 78.0 117.0
121 31.9 23.8 35.8

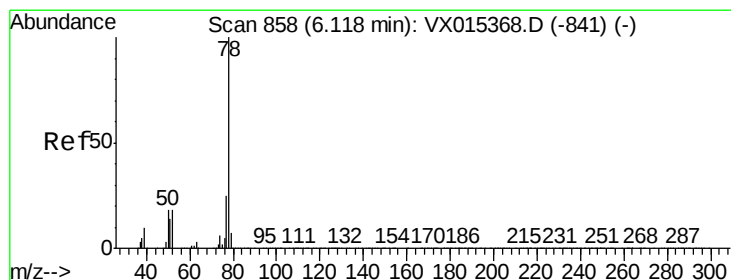
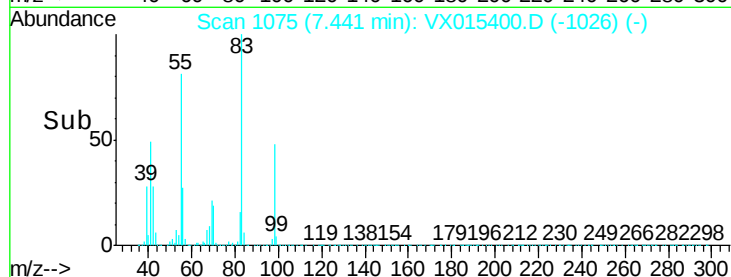
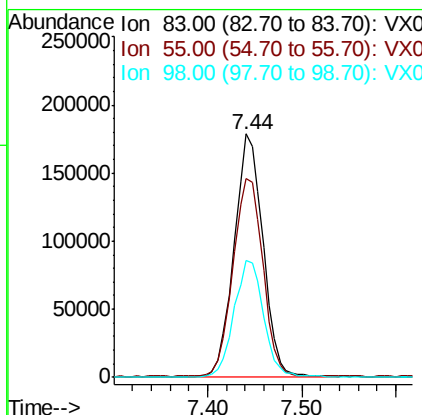
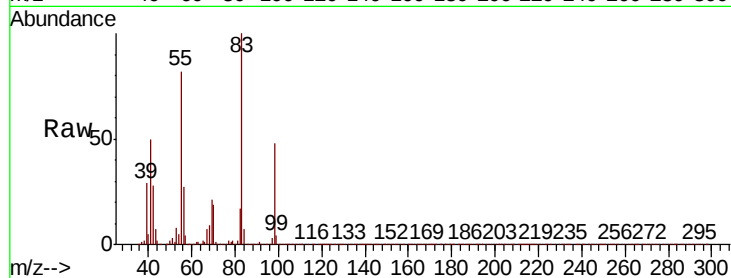




#39
Methvlcvclohexane
Concen: 20.147 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

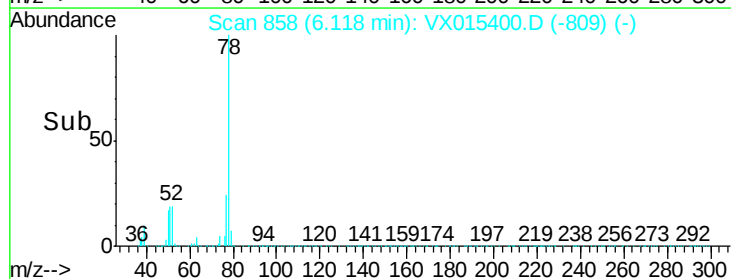
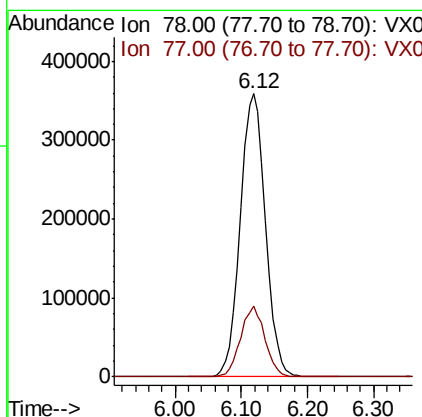
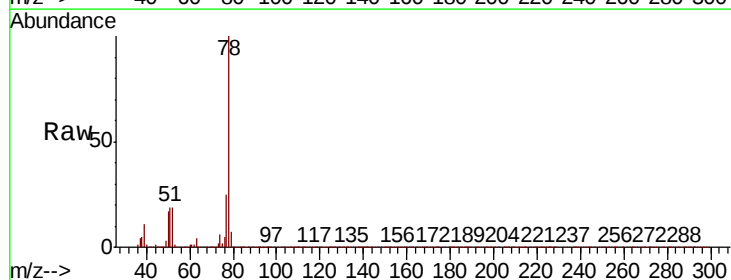
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

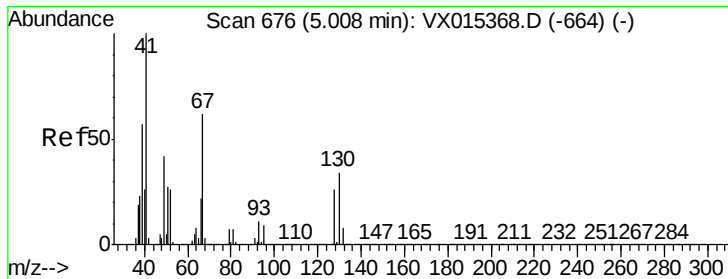
Tot Ion	83	Resp	379489
Ion Ratio	Lower	Upper	
83	100		
55	81.2	67.8	101.6
98	48.2	39.3	58.9



#40
Benzene
Concen: 19.777 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion	78	Resp	946408
Ion Ratio	Lower	Upper	
78	100		
77	24.8	19.8	29.8

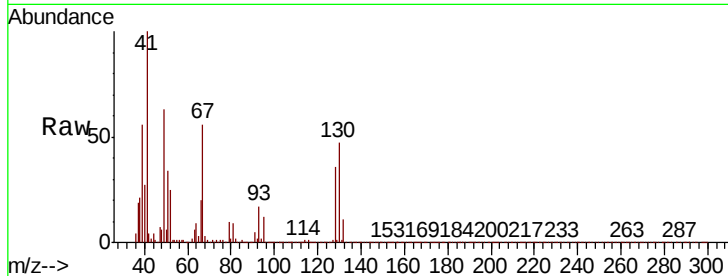




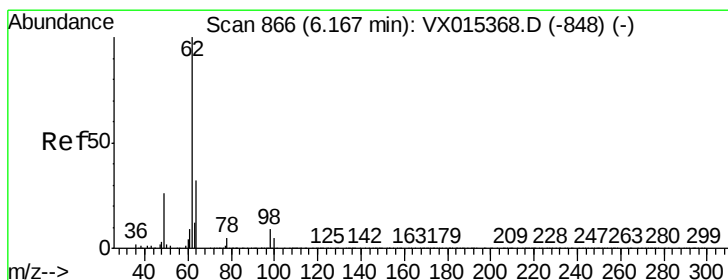
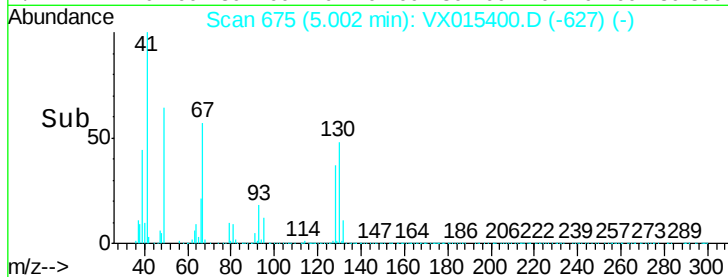
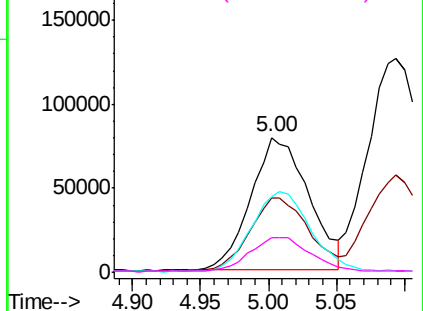
#41
Methacrylonitrile
Concen: 19.887 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion:	41	Resp:	234823
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.5	66.7
67	61.6	48.9	73.3
52	27.5	21.8	32.6

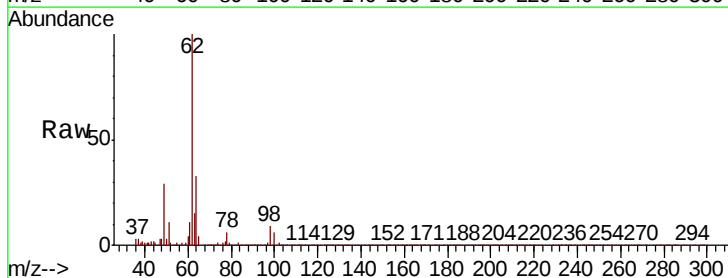


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

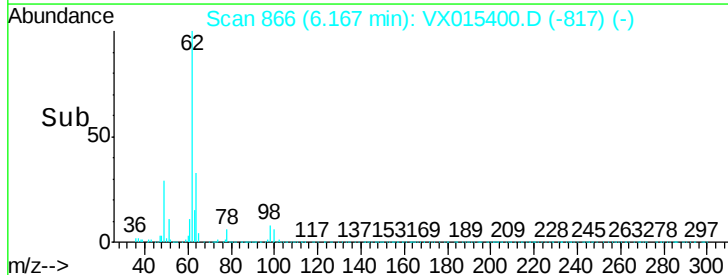
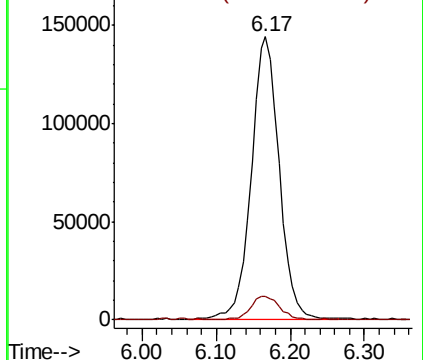


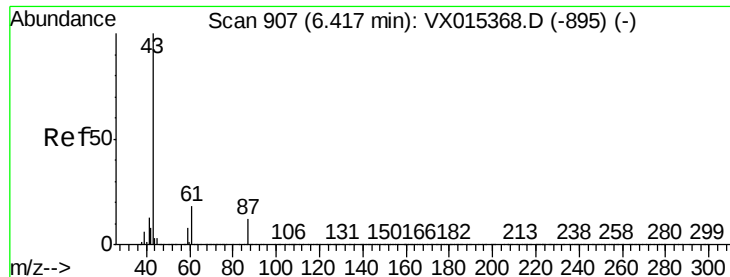
#42
1,2-Dichloroethane
Concen: 19.568 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion:	62	Resp:	376132
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 19.415 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

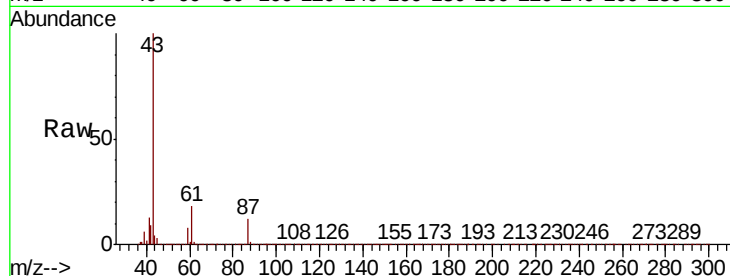
Tot Ion: 43 Resp: 697127

Ion Ratio Lower Upper

43 100

61 18.8 14.8 22.2

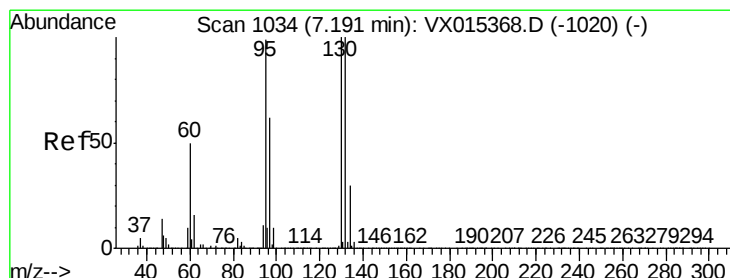
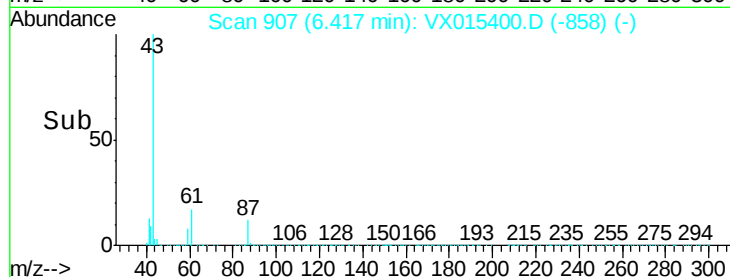
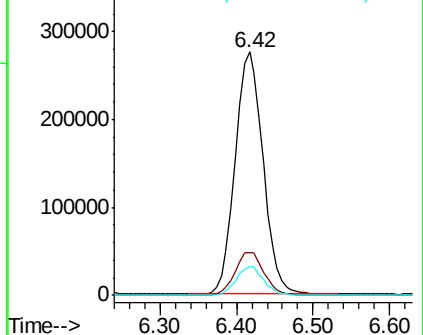
87 11.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.493 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015400.D

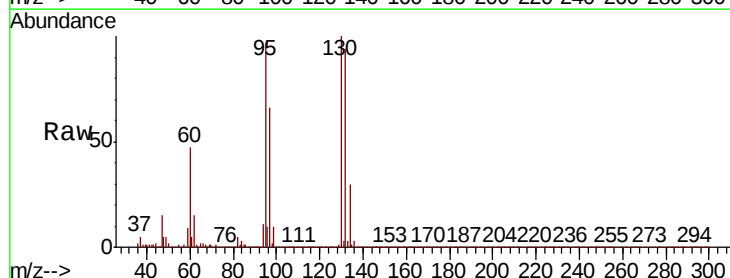
Acq: 27 Mar 2020 23:46

Tgt Ion: 130 Resp: 254396

Ion Ratio Lower Upper

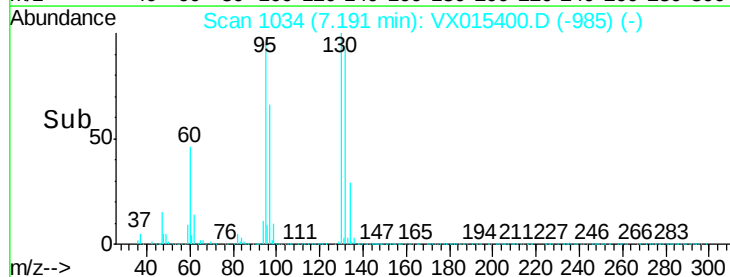
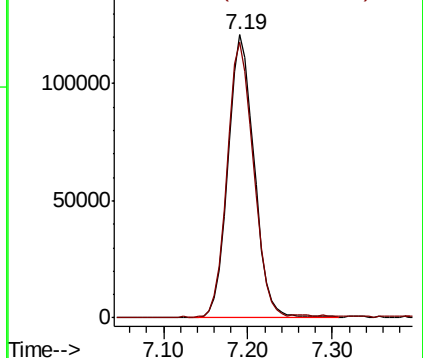
130 100

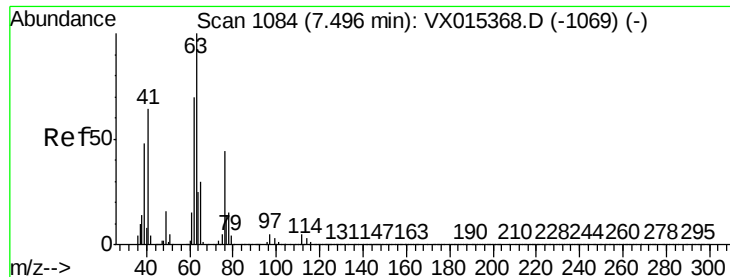
95 97.0 0.0 199.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.611 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

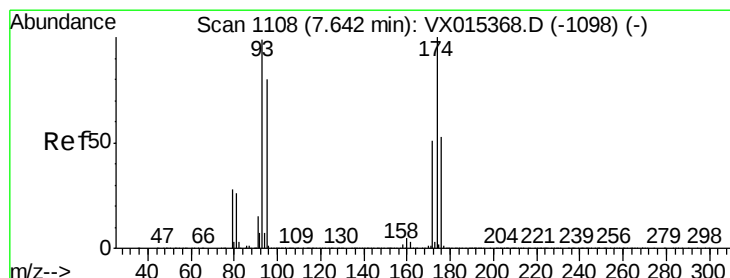
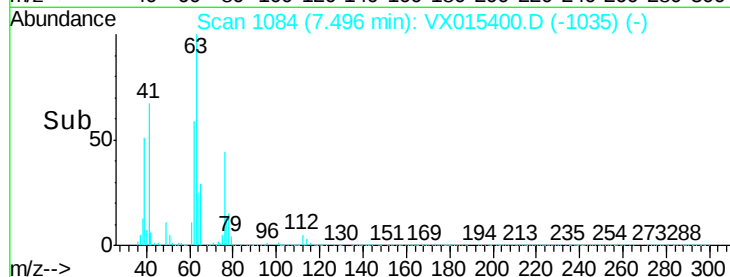
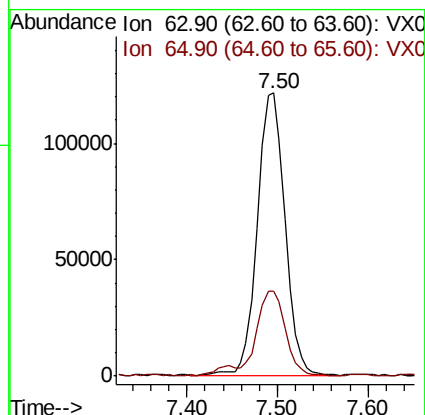
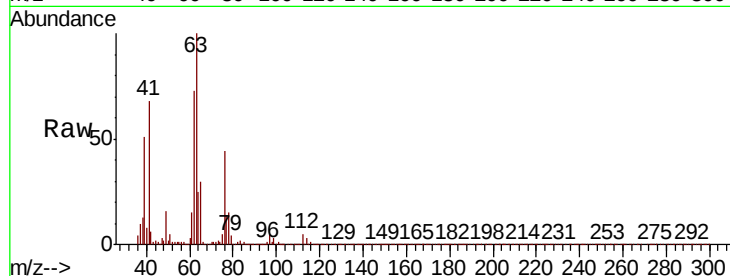
VX0327WBS02

Tot Ion: 63 Resp: 256717

Ion Ratio Lower Upper

63 100

65 29.7 23.9 35.9



#46

Dibromomethane

Concen: 19.173 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

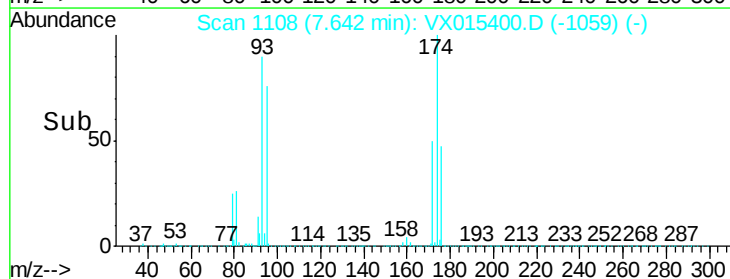
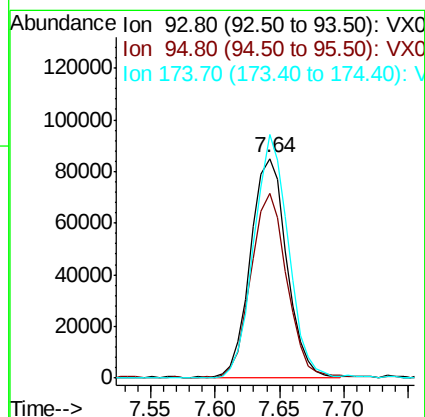
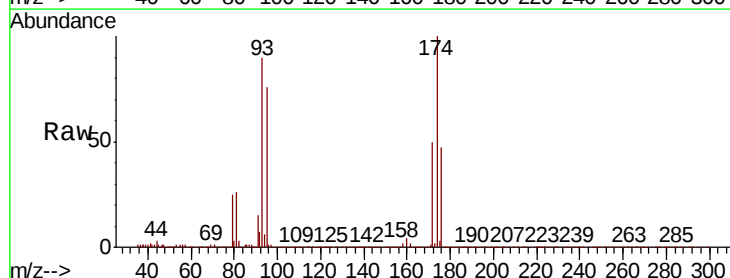
Tgt Ion: 93 Resp: 164645

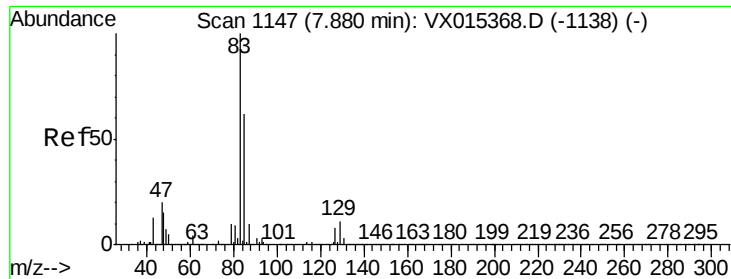
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 105.3 86.2 129.2

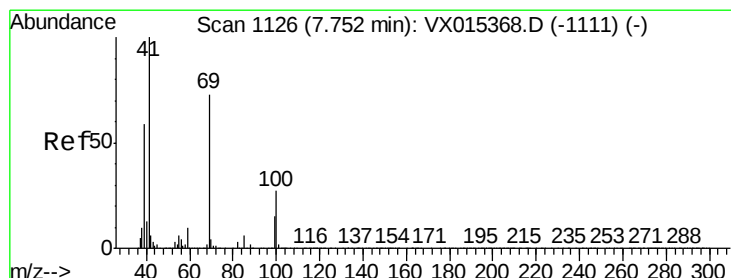
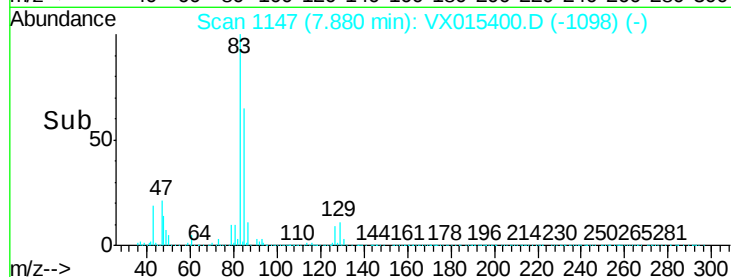
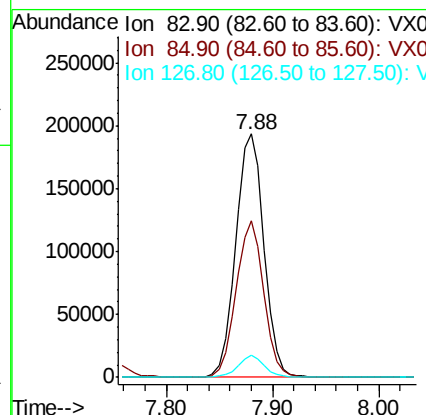
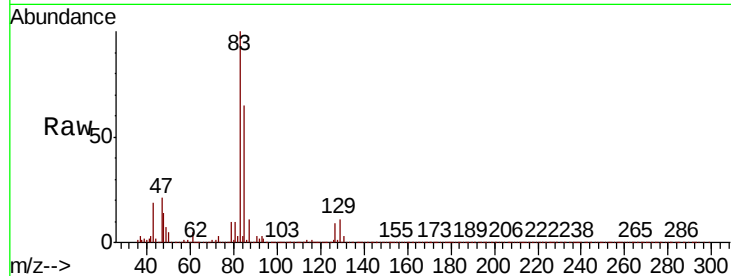




#47
Bromodichloromethane
Concen: 19.485 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

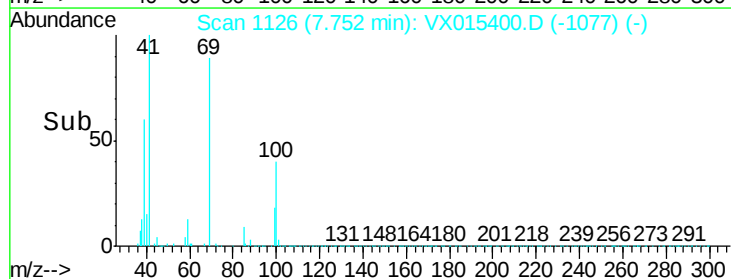
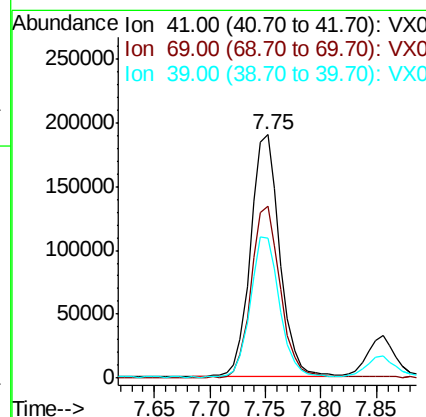
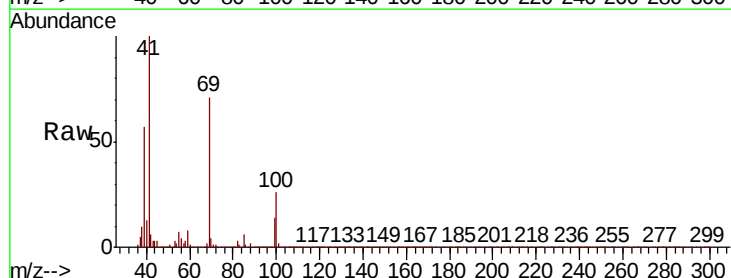
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

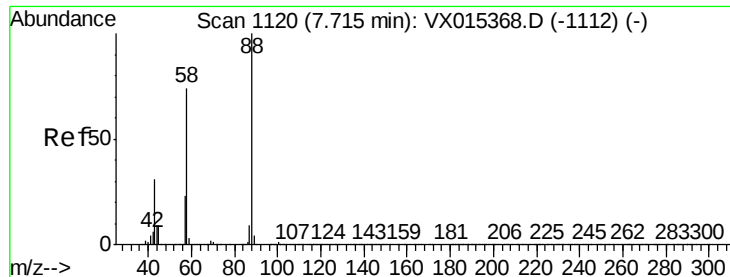
Tot Ion: 83 Resp: 356529
Ion Ratio Lower Upper
83 100
85 64.4 49.7 74.5
127 8.8 6.7 10.1



#48
Methyl methacrylate
Concen: 19.269 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 41 Resp: 345601
Ion Ratio Lower Upper
41 100
69 70.5 56.7 85.1
39 58.4 46.5 69.7





#49

1,4-Dioxane

Concen: 390.164 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

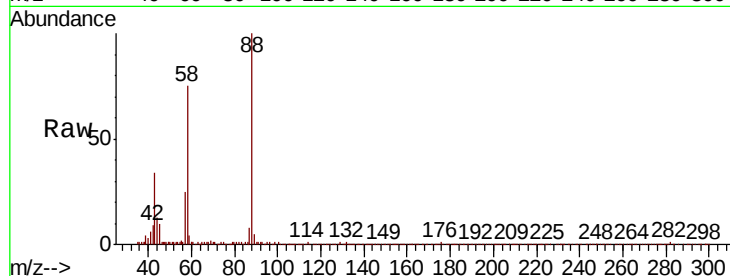
Tot Ion: 88 Resp: 130542

Ion Ratio Lower Upper

88 100

43 39.0 30.1 45.1

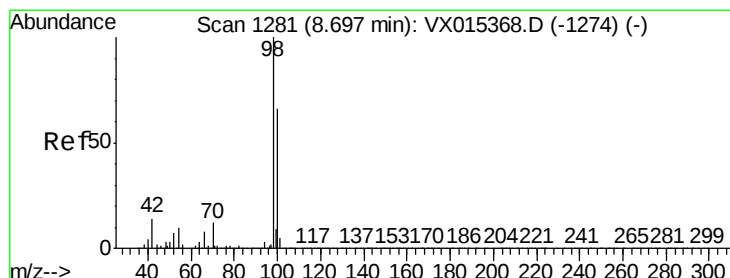
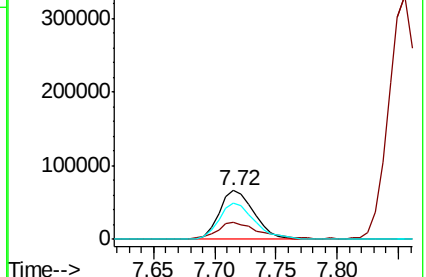
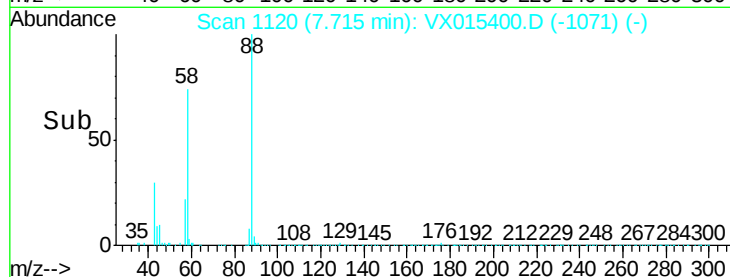
58 75.4 60.6 90.8



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: 47.040 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015400.D

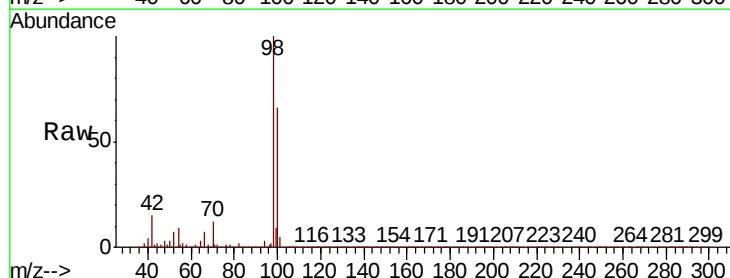
Acq: 27 Mar 2020 23:46

Tgt Ion: 98 Resp: 1962814

Ion Ratio Lower Upper

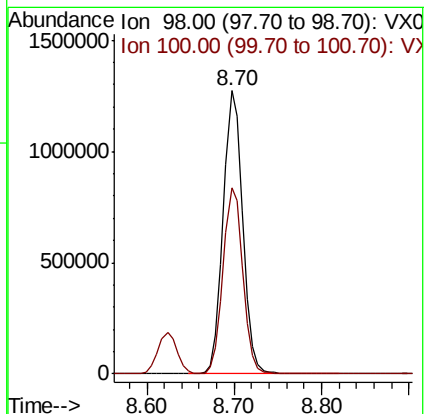
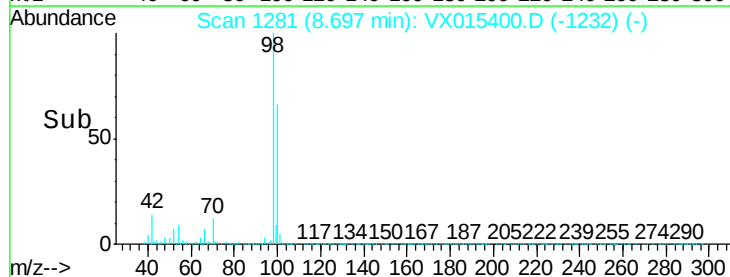
98 100

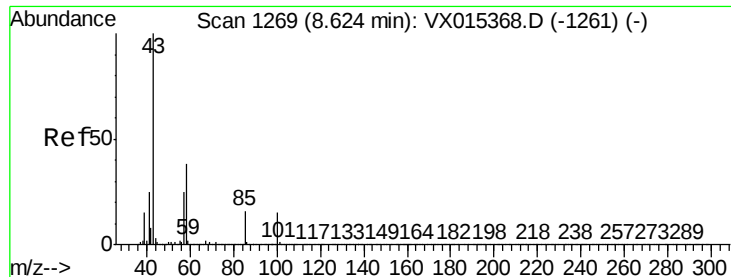
100 66.5 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

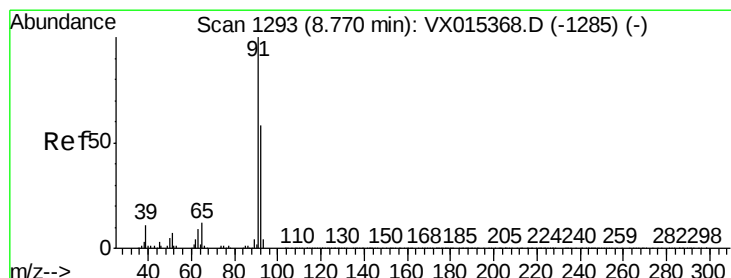
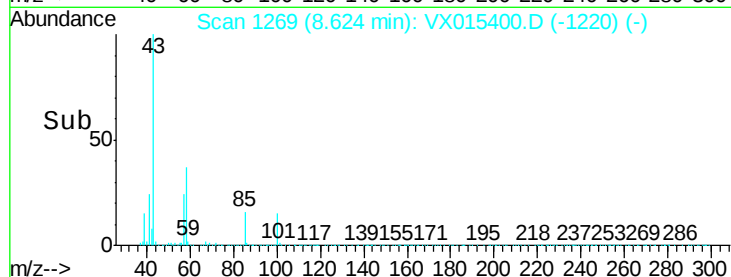
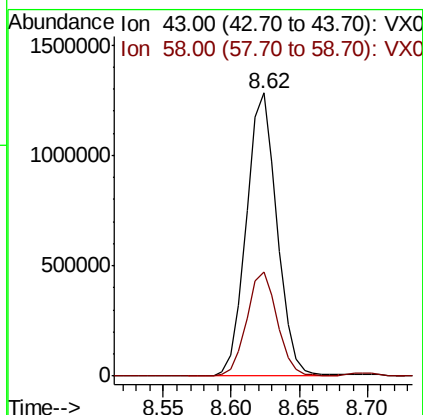
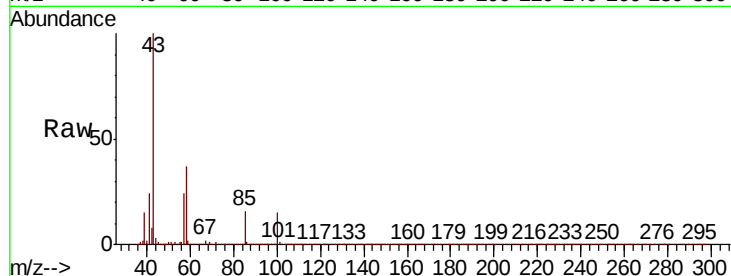




#51
4-Methyl-2-Pentanone
Concen: 99.719 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

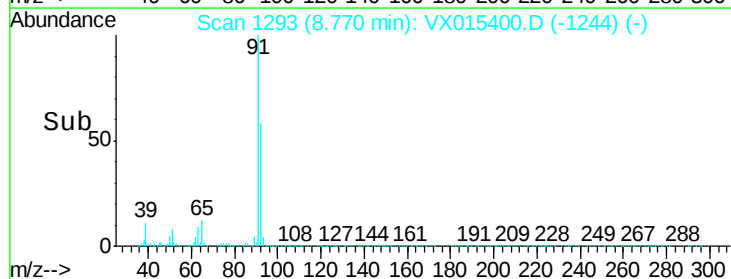
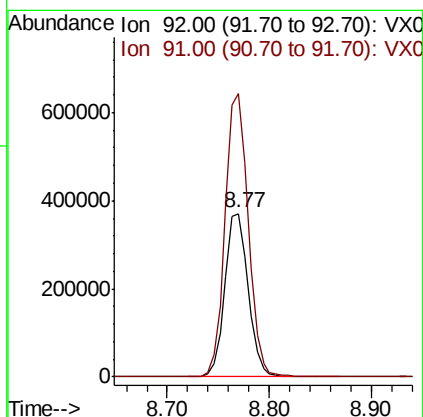
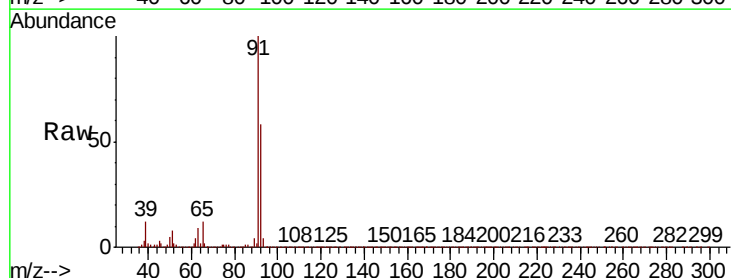
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

Tot Ion: 43 Resp: 2029227
Ion Ratio Lower Upper
43 100
58 36.5 29.7 44.5



#52
Toluene
Concen: 19.916 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 92 Resp: 587572
Ion Ratio Lower Upper
92 100
91 171.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.662 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

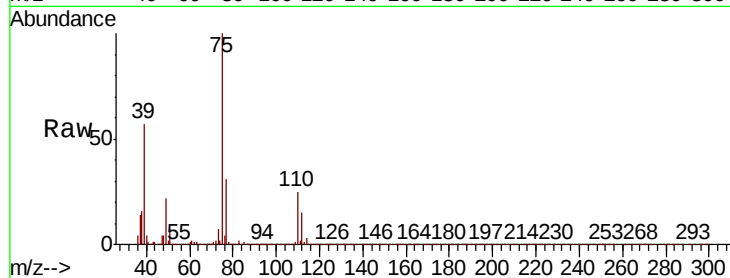
VX0327WBS02

Tot Ion: 75 Resp: 400489

Ion Ratio Lower Upper

75 100

77 31.1 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

250000

200000

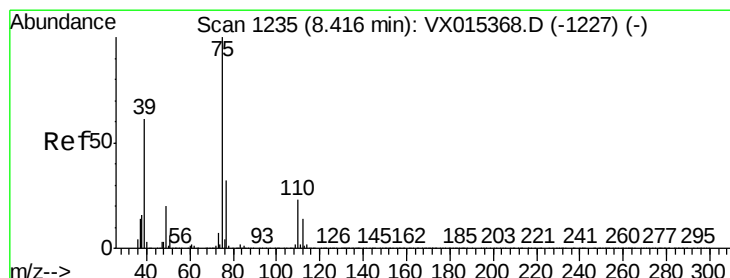
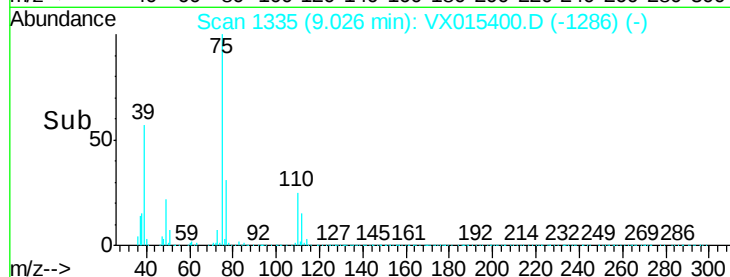
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.102 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

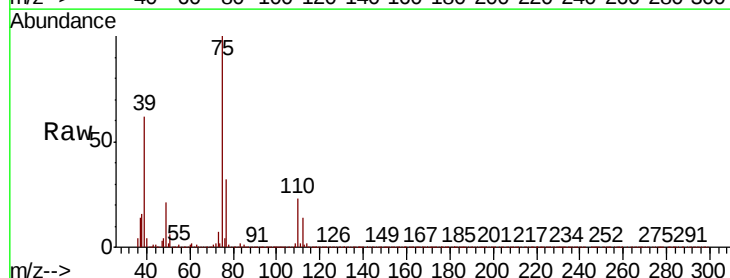
Tgt Ion: 75 Resp: 417563

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.6

39 61.6 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

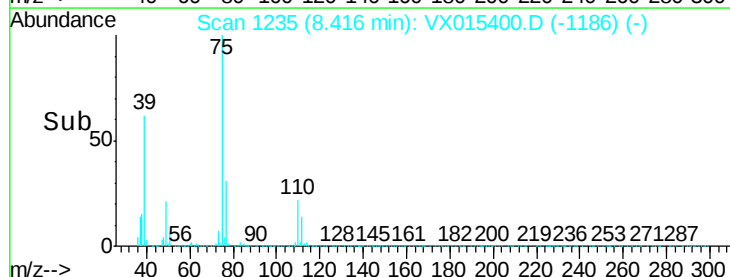
300000

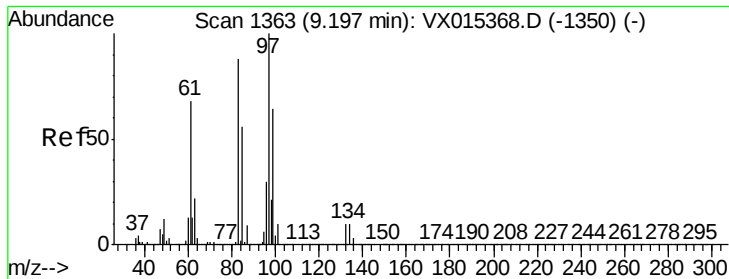
200000

100000

0

Time-->

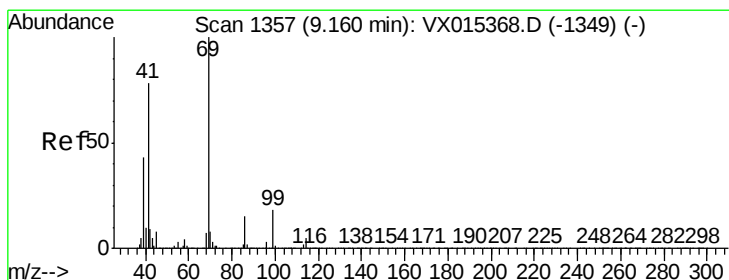
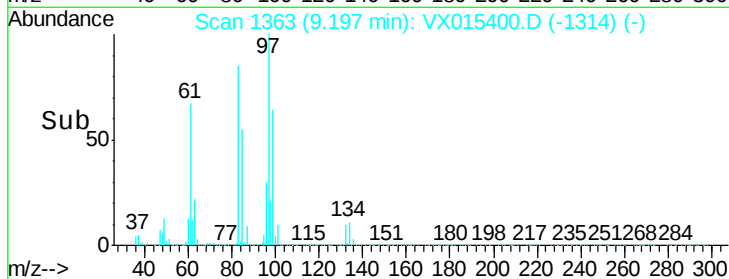
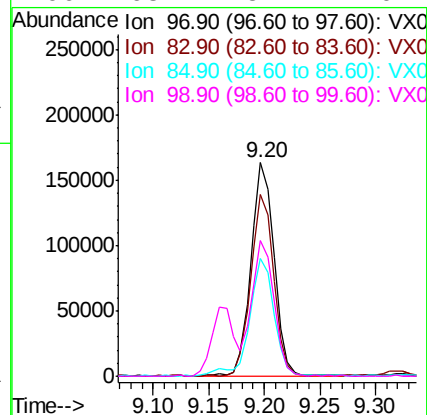
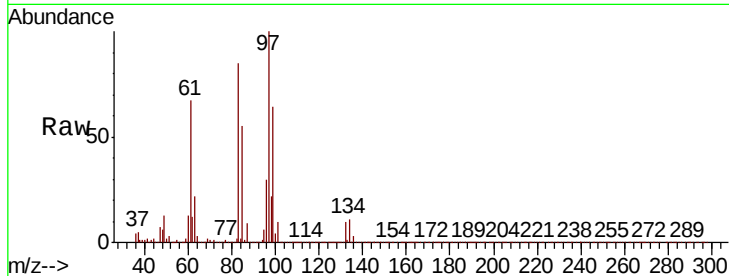




#55
 1,1,2-Trichloroethane
 Concen: 19.413 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

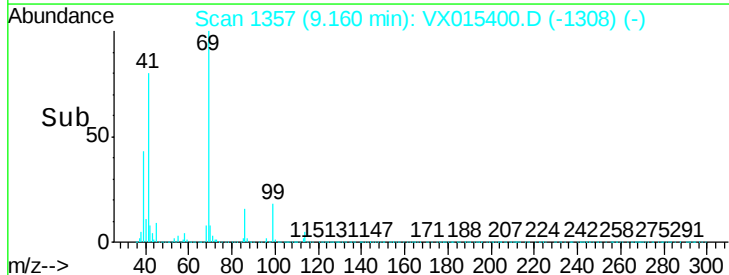
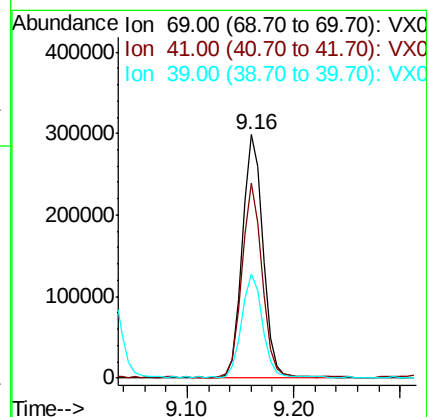
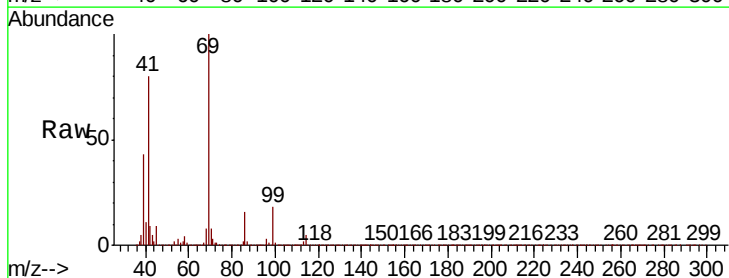
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

Tot Ion:	97	Resp:	234656
Ion	Ratio	Lower	Upper
97	100		
83	85.2	70.2	105.4
85	55.1	44.7	67.1
99	63.7	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 19.188 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Tgt Ion:	69	Resp:	408742
Ion	Ratio	Lower	Upper
69	100		
41	77.6	61.6	92.4
39	42.8	34.0	51.0





#57

1,3-Dichloropropane

Concen: 19.219 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

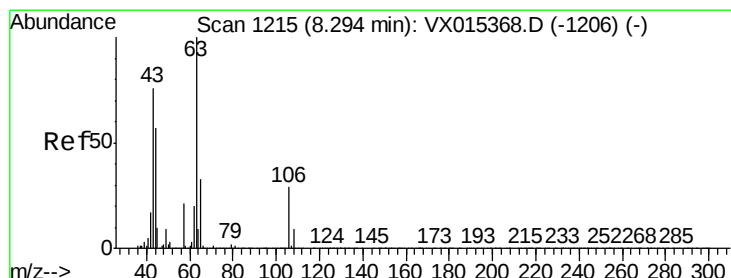
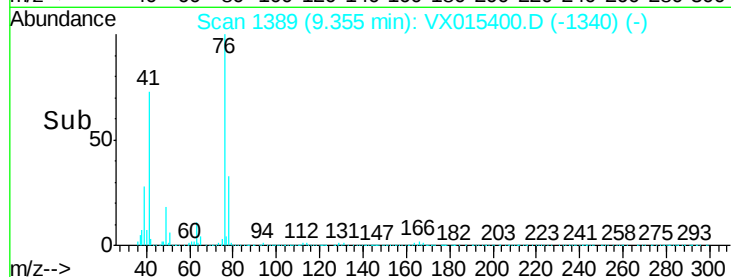
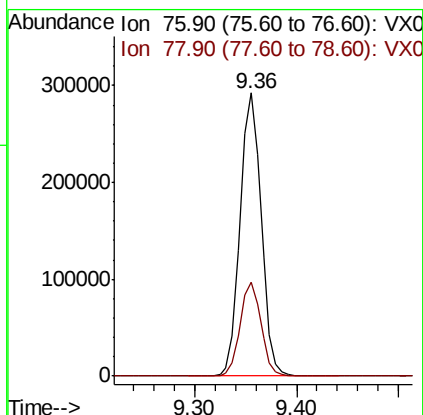
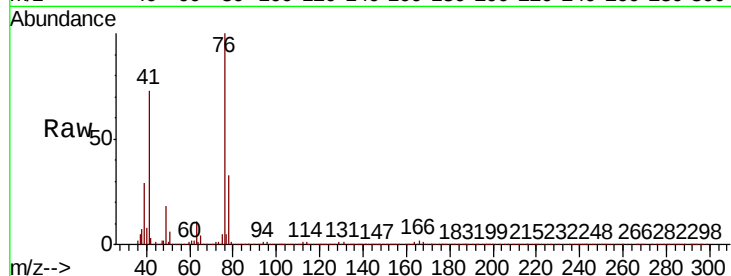
VX0327WBS02

Tot Ion: 76 Resp: 418547

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 94.101 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015400.D

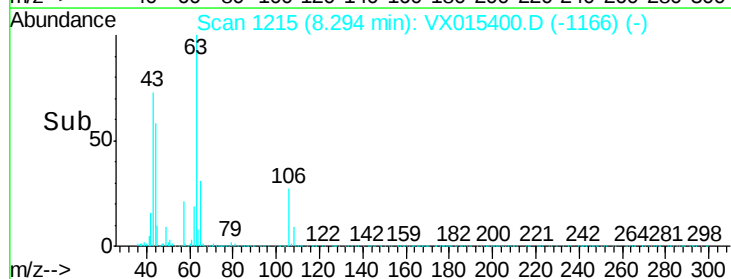
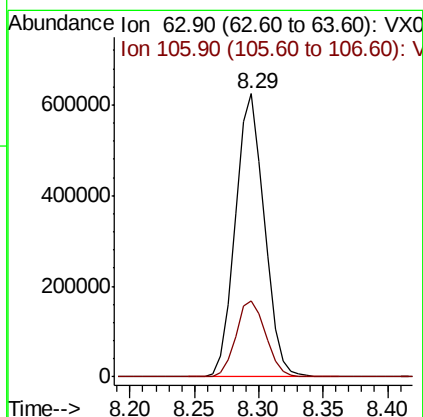
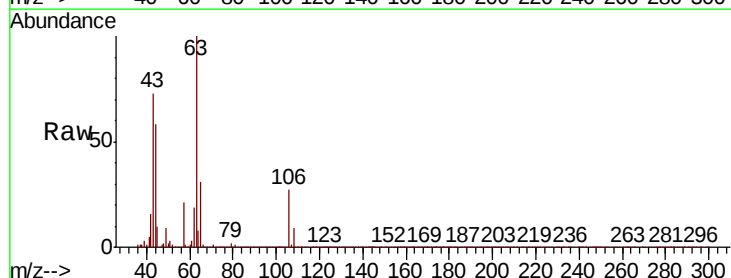
Acq: 27 Mar 2020 23:46

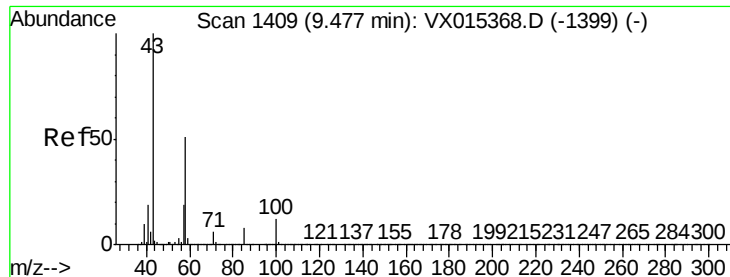
Tgt Ion: 63 Resp: 975040

Ion Ratio Lower Upper

63 100

106 27.5 22.7 34.1

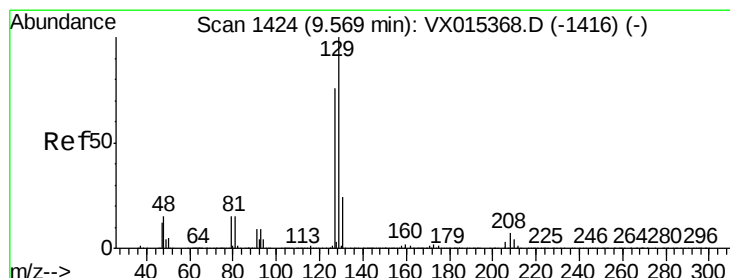
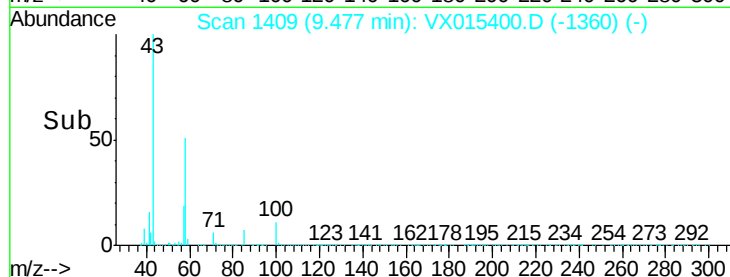
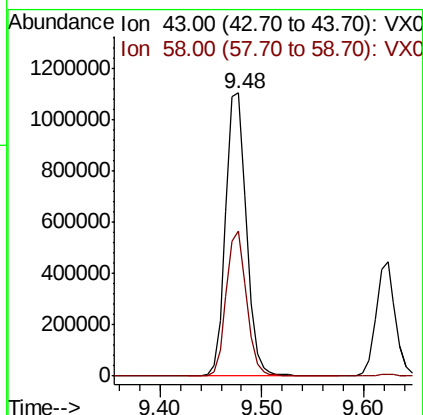
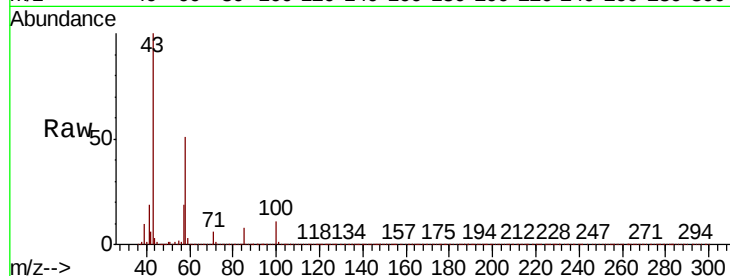




#59
2-Hexanone
Concen: 100.865 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

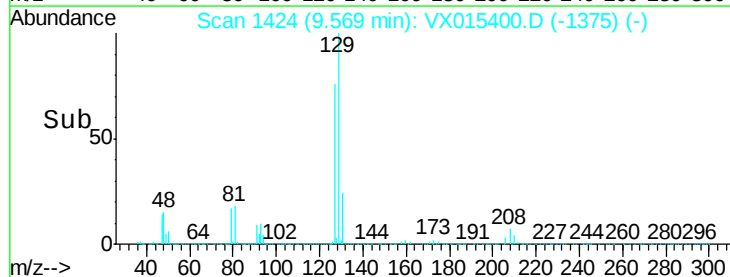
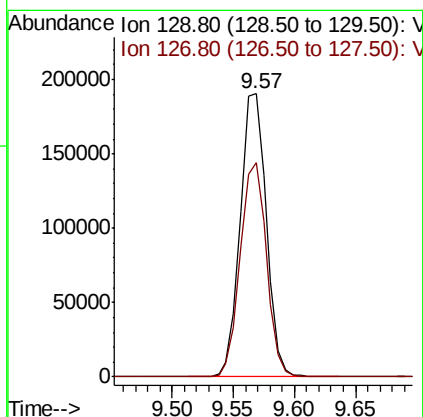
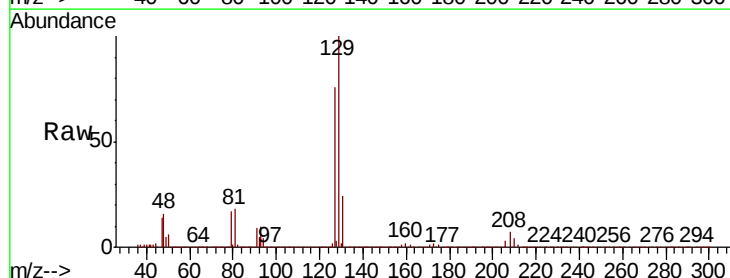
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

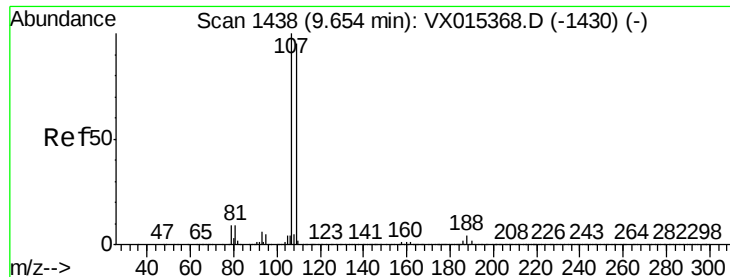
Tot Ion: 43 Resp: 1549630
Ion Ratio Lower Upper
43 100
58 50.0 25.6 76.6



#60
Dibromochloromethane
Concen: 19.351 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 129 Resp: 281062
Ion Ratio Lower Upper
129 100
127 76.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.573 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

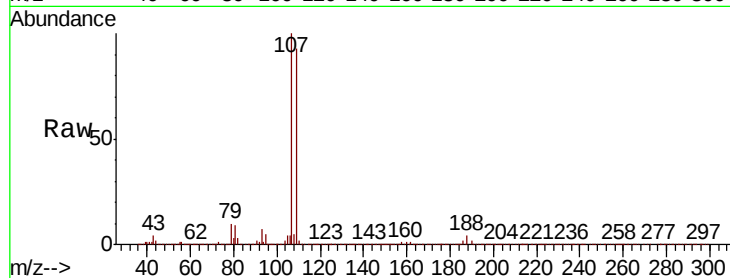
VX0327WBS02

Tot Ion: 107 Resp: 257254

Ion Ratio Lower Upper

107 100

109 92.1 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

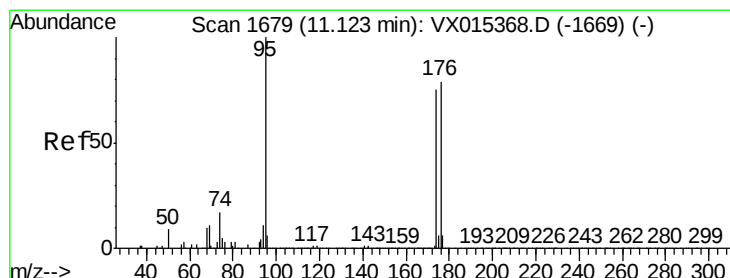
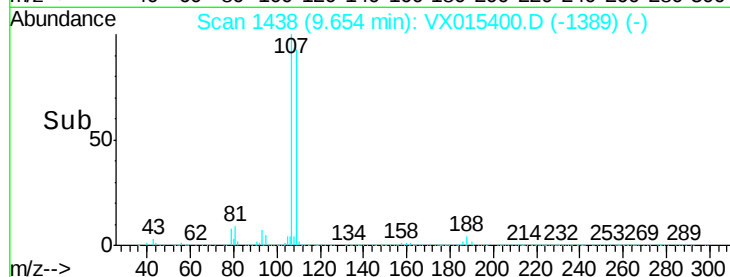
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.647 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

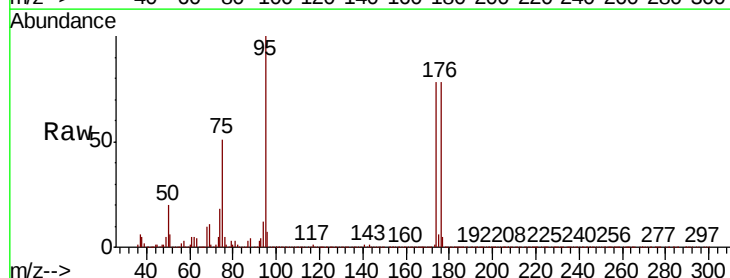
Tgt Ion: 95 Resp: 791037

Ion Ratio Lower Upper

95 100

174 78.9 0.0 158.6

176 78.6 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

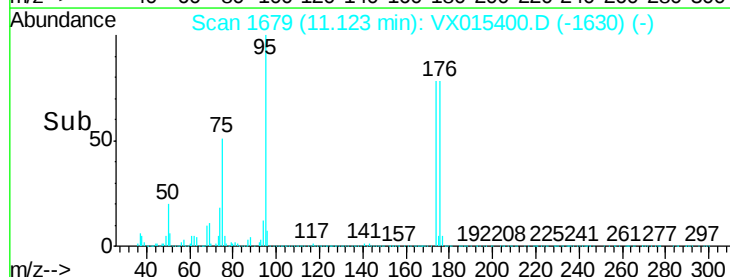
600000

400000

200000

0

Time-->

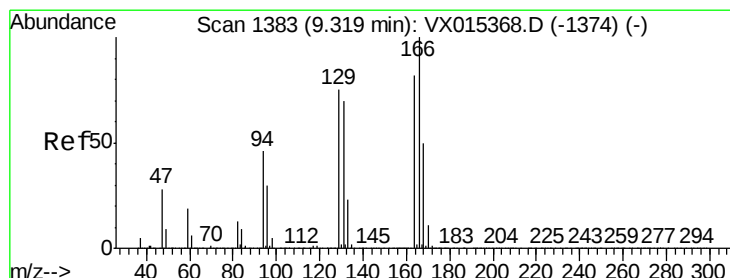
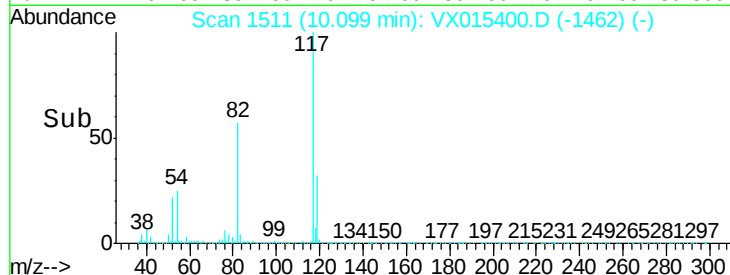
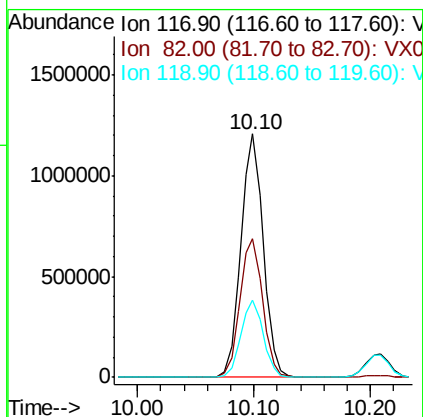
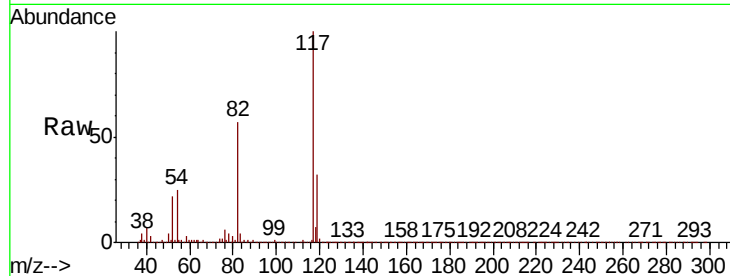




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

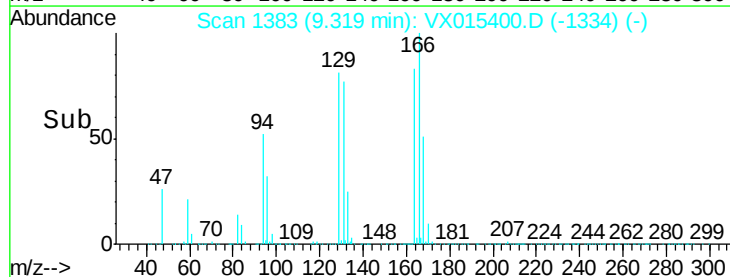
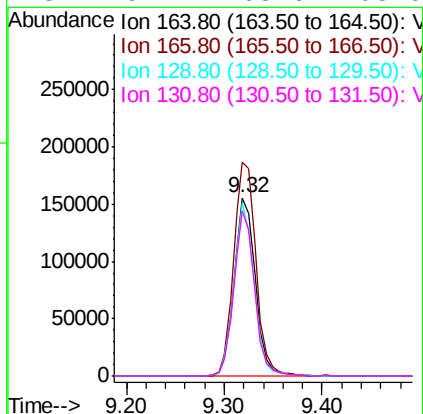
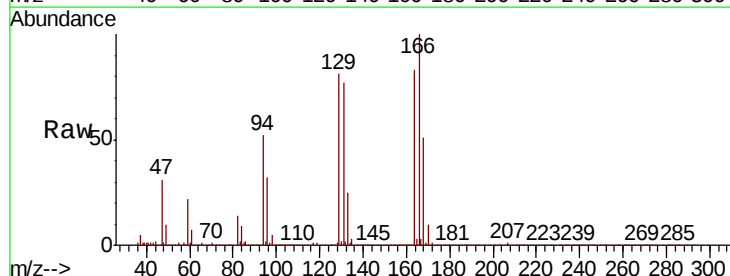
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

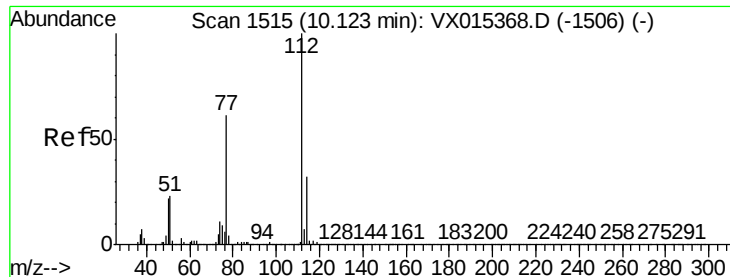
Tot Ion:117 Resp: 1617182
Ion Ratio Lower Upper
117 100
82 56.9 47.8 71.8
119 31.7 26.8 40.2



#64
Tetrachloroethene
Concen: 19.196 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion:164 Resp: 234275
Ion Ratio Lower Upper
164 100
166 119.8 97.8 146.6
129 96.9 73.0 109.4
131 92.4 68.6 103.0





#65

Chlorobenzene

Concen: 19.315 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

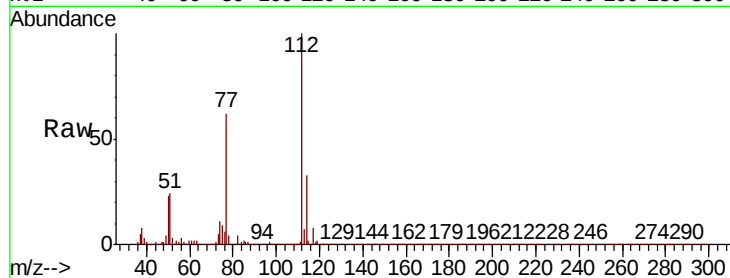
VX0327WBS02

Tot Ion:112 Resp: 622945

Ion Ratio Lower Upper

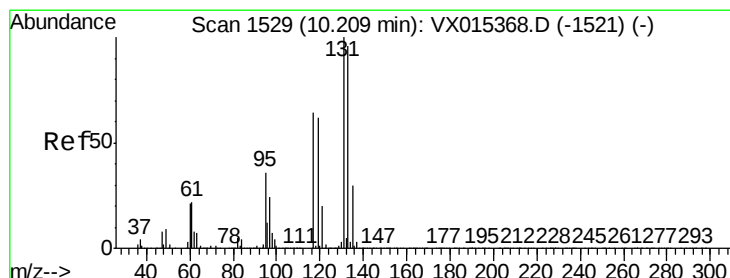
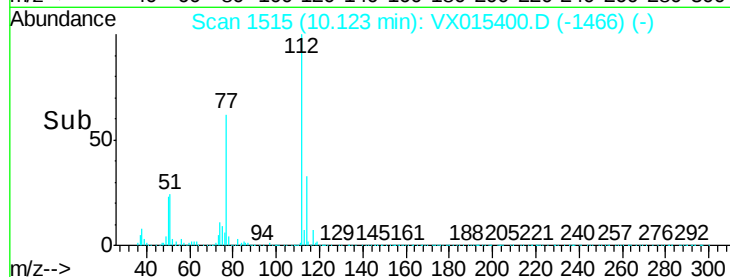
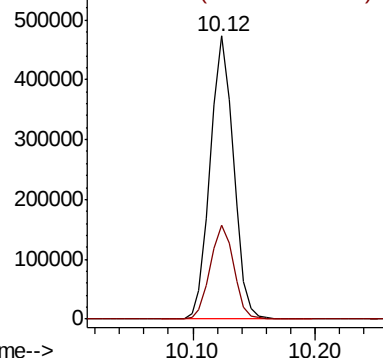
112 100

114 33.4 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.166 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

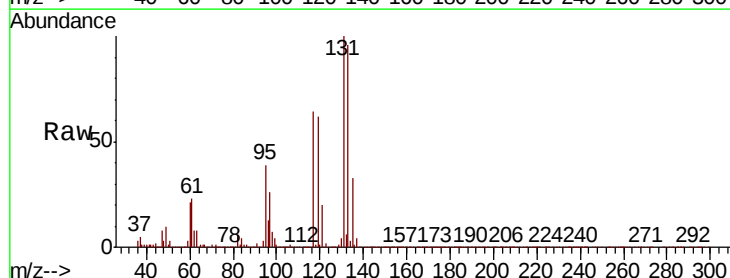
Tgt Ion:131 Resp: 246953

Ion Ratio Lower Upper

131 100

133 93.5 47.6 142.9

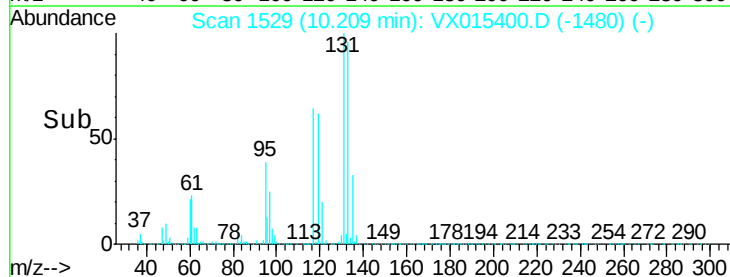
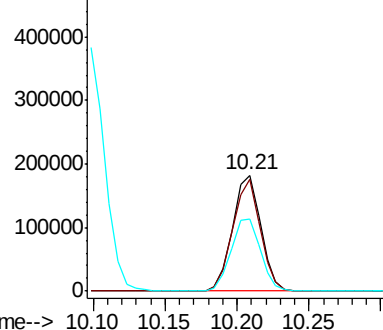
119 64.3 31.1 93.3

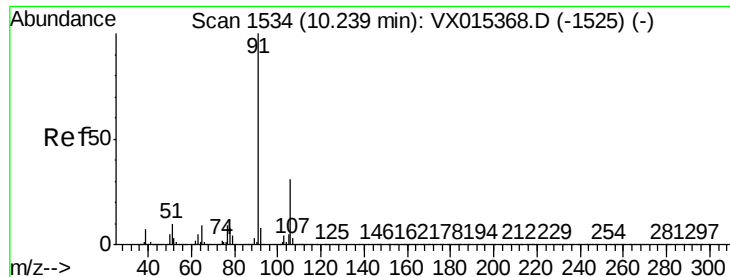


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

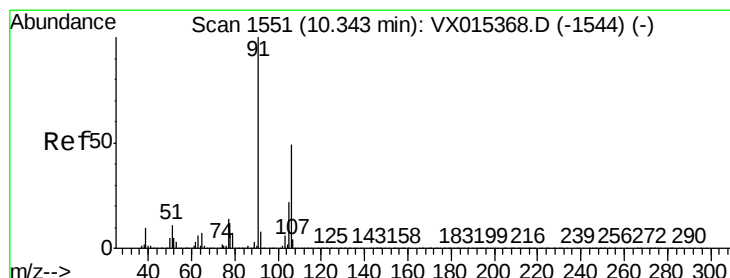
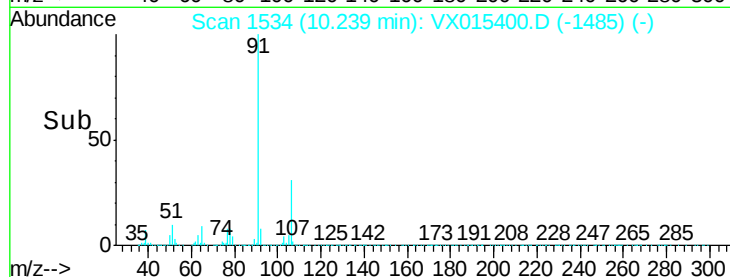
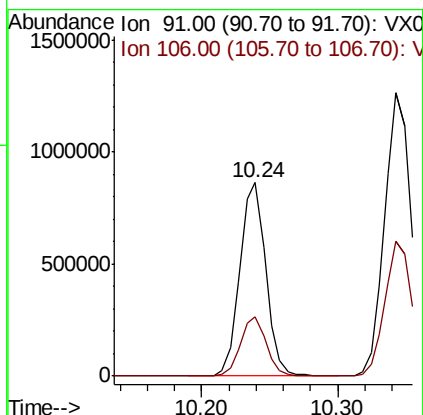
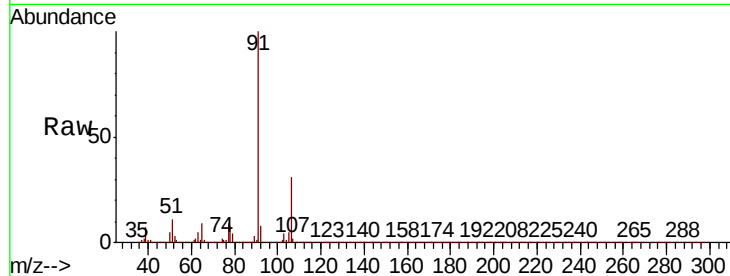




#67
Ethyl Benzene
Concen: 20.104 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

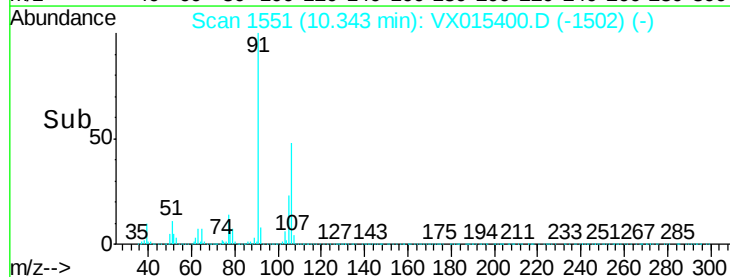
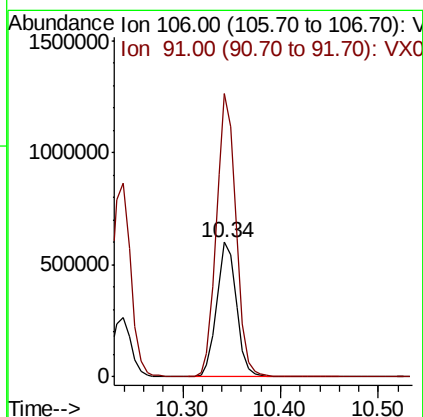
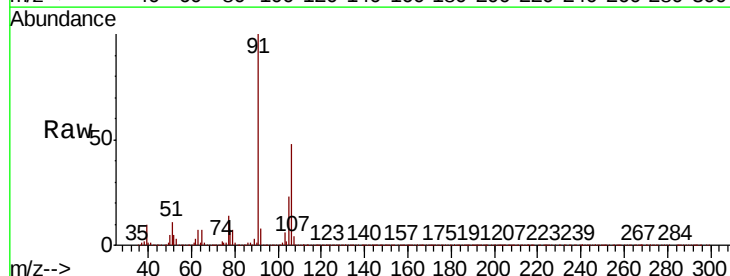
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

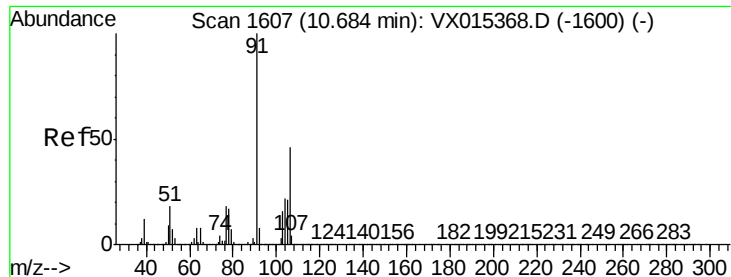
Tot Ion: 91 Resp: 1149939
Ion Ratio Lower Upper
91 100
106 30.6 24.8 37.2



#68
m/p-Xylenes
Concen: 39.589 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 106 Resp: 843246
Ion Ratio Lower Upper
106 100
91 207.7 163.4 245.0

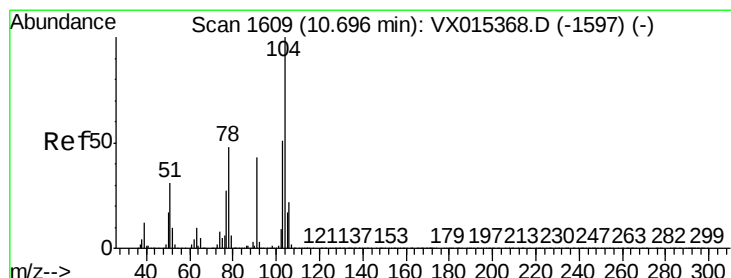
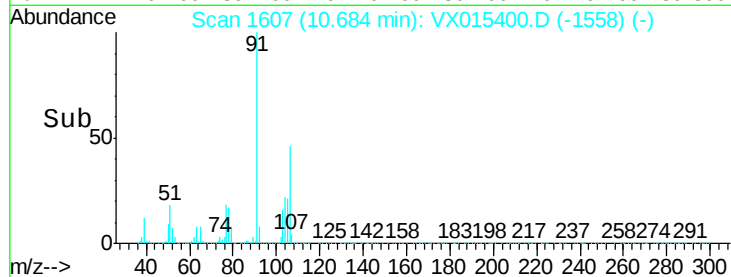
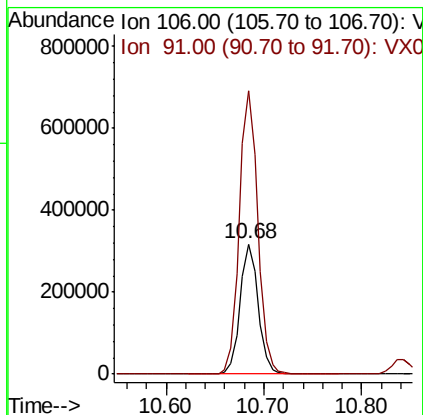
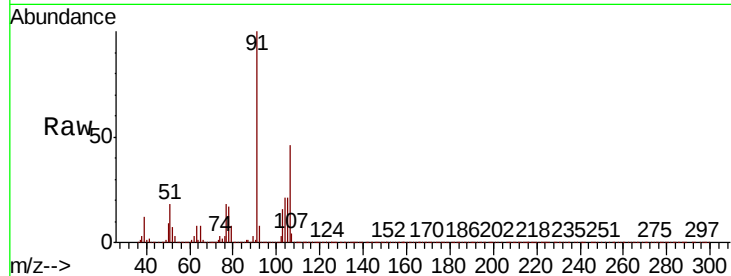




#69
o-Xylene
Concen: 19.355 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

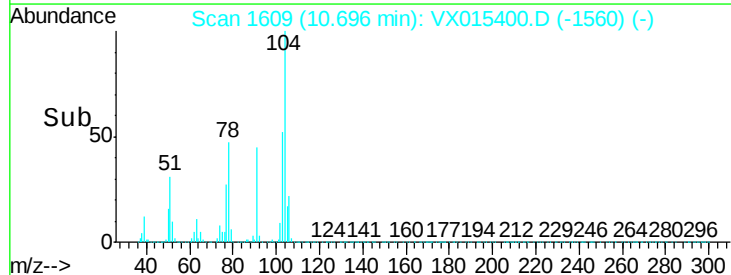
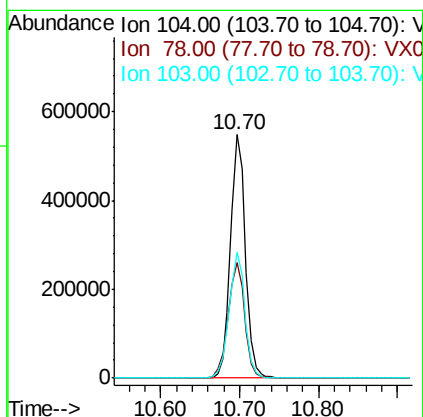
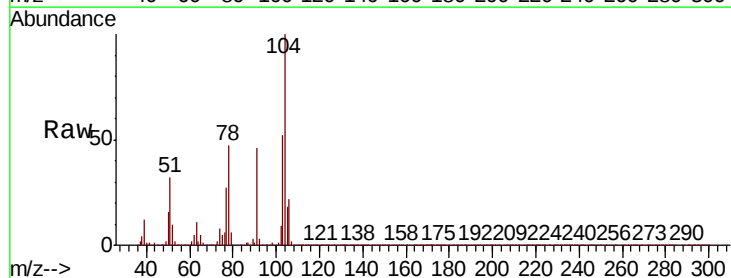
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

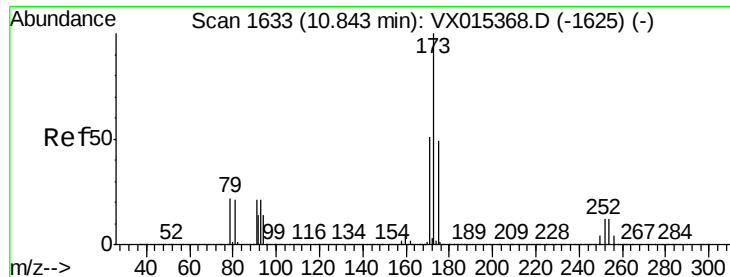
Tot Ion:106 Resp: 407387
Ion Ratio Lower Upper
106 100
91 222.2 107.1 321.3



#70
Styrene
Concen: 19.514 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion:104 Resp: 722753
Ion Ratio Lower Upper
104 100
78 52.5 42.0 63.0
103 54.4 43.4 65.0

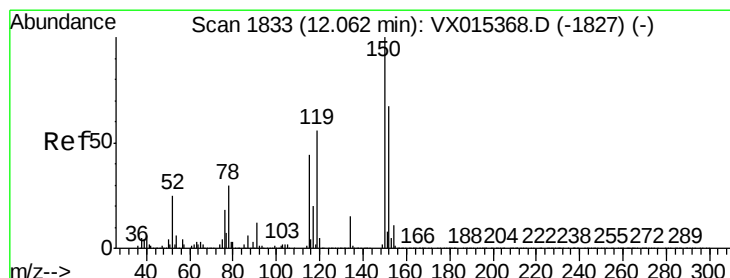
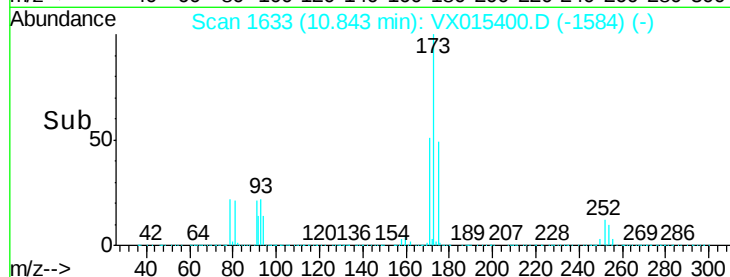
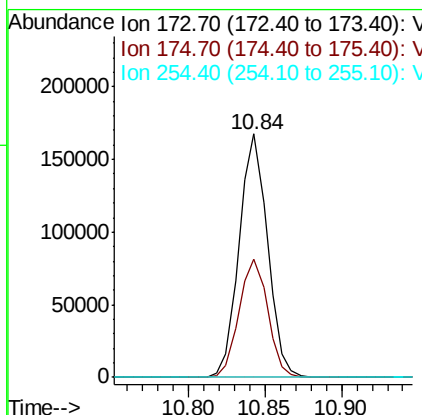
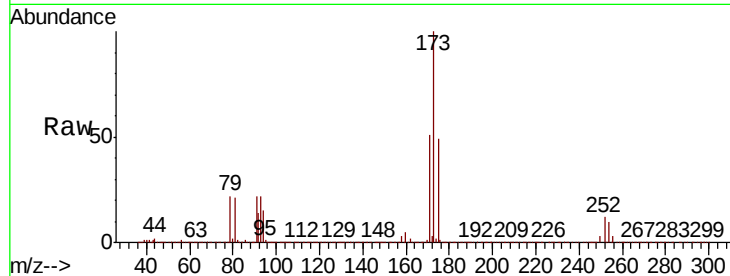




#71
Bromoform
Concen: 18.421 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

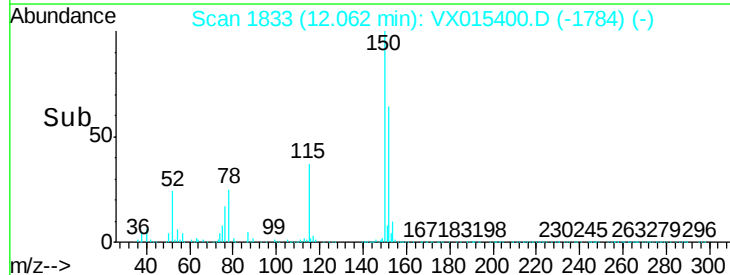
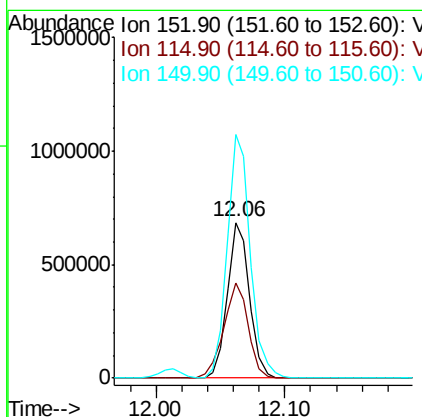
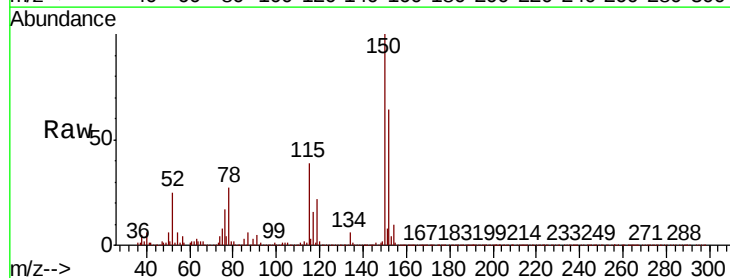
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

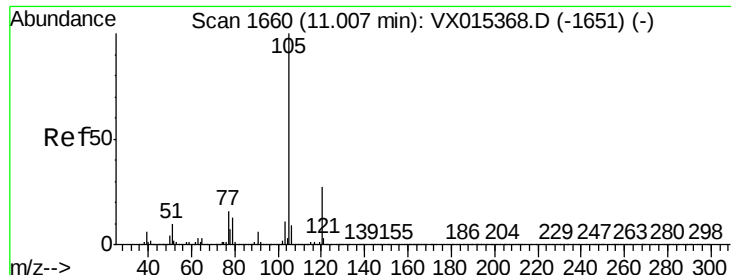
Tot Ion:173 Resp: 216070
Ion Ratio Lower Upper
173 100
175 49.5 23.9 71.7
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion:152 Resp: 825213
Ion Ratio Lower Upper
152 100
115 67.8 39.0 116.9
150 163.9 0.0 340.8





#73

Isopropylbenzene

Concen: 20.566 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

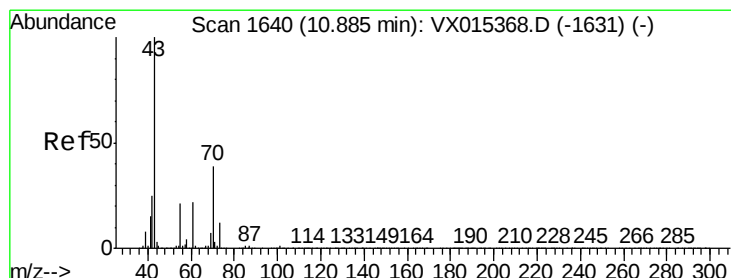
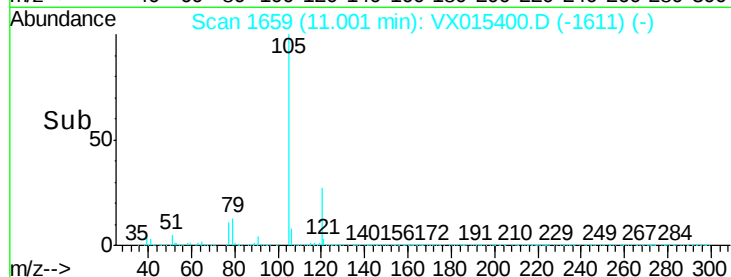
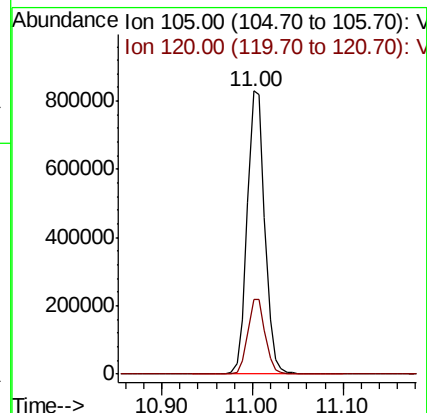
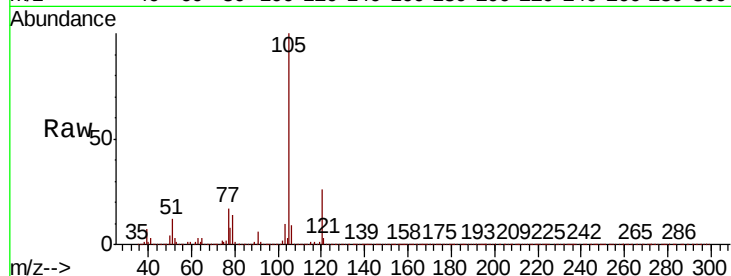
VX0327WBS02

Tot Ion:105 Resp: 1111987

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 19.466 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Tgt Ion: 43 Resp: 585403

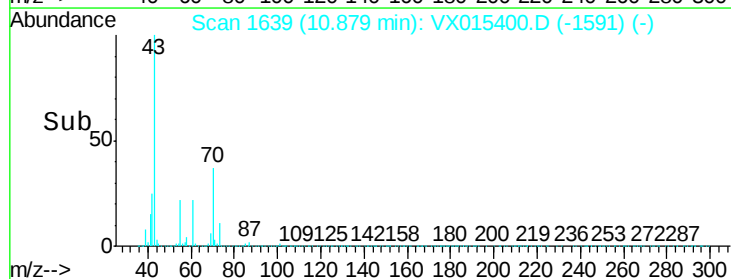
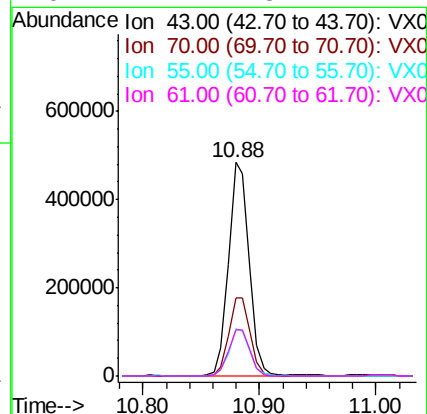
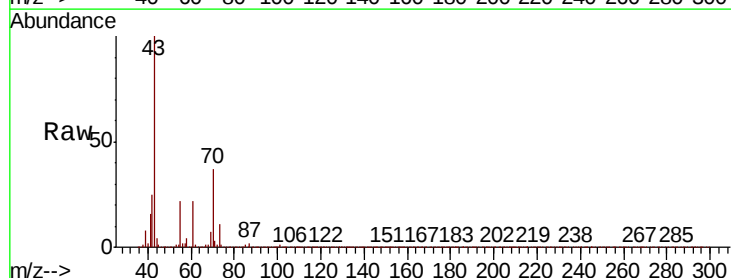
Ion Ratio Lower Upper

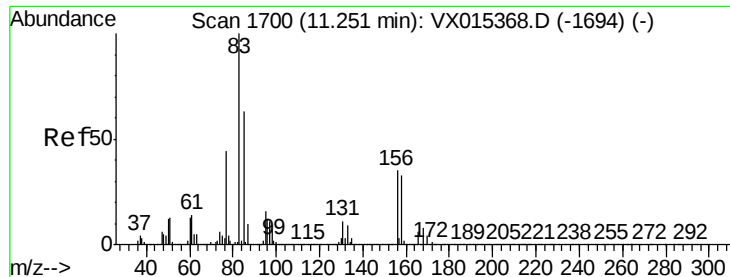
43 100

70 37.8 30.2 45.4

55 21.9 16.8 25.2

61 22.7 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.702 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

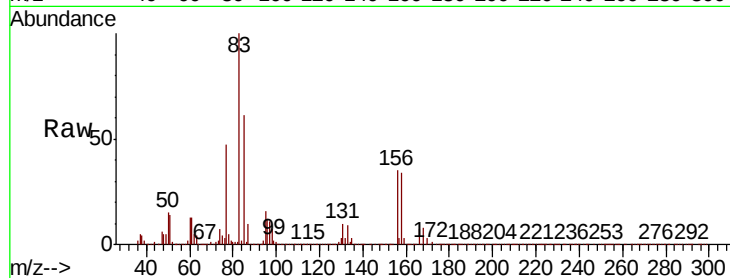
Tot Ion: 83 Resp: 365535

Ion Ratio Lower Upper

83 100

131 10.3 5.3 16.1

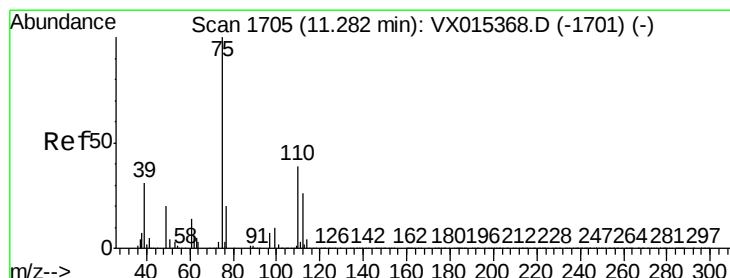
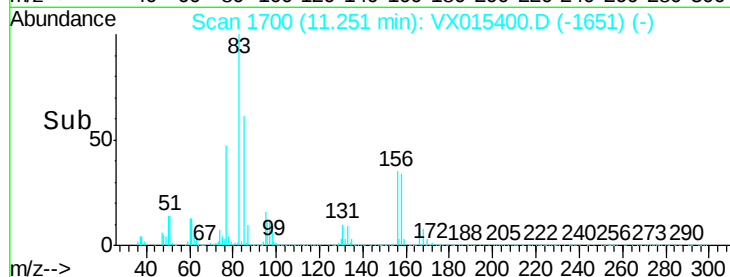
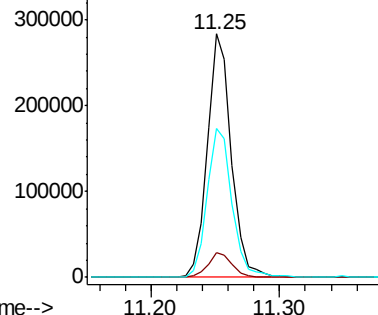
85 63.4 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.518 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015400.D

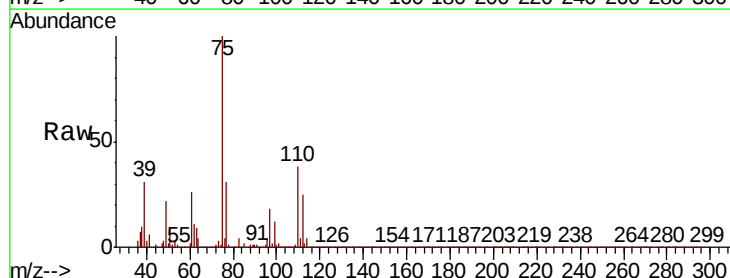
Acq: 27 Mar 2020 23:46

Tgt Ion: 75 Resp: 433036

Ion Ratio Lower Upper

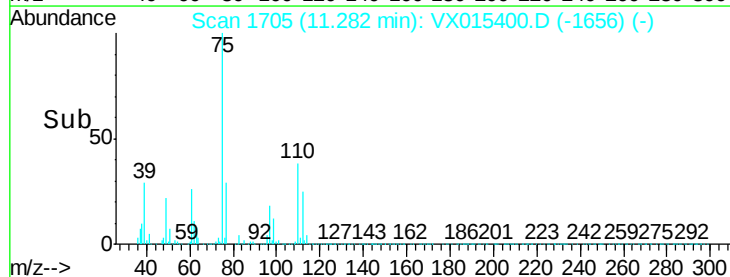
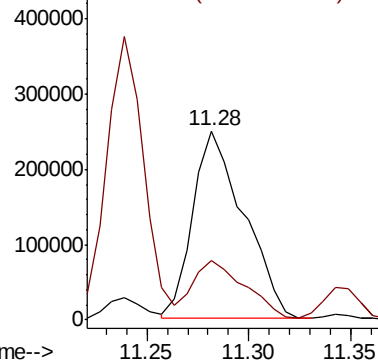
75 100

77 32.7 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

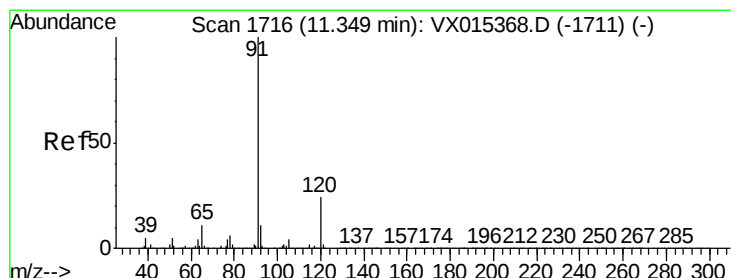
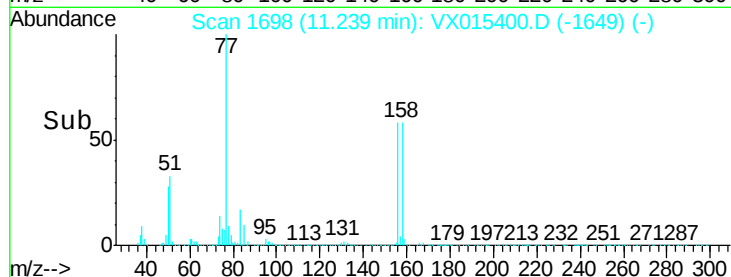
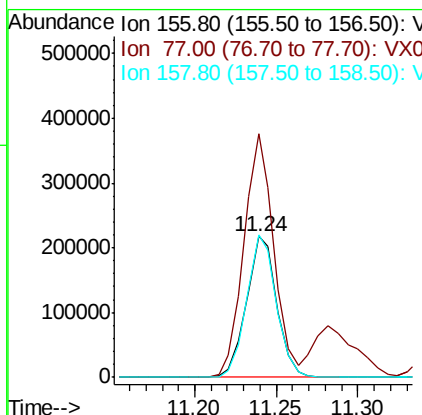
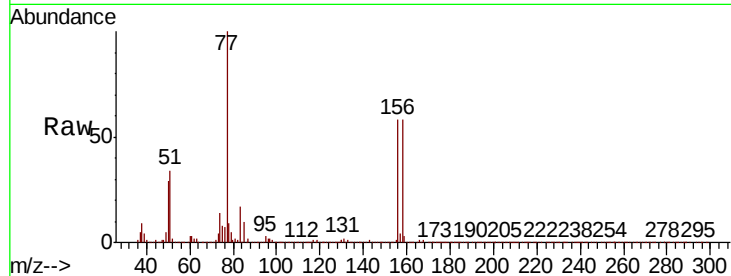




#77
Bromobenzene
Concen: 19.475 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

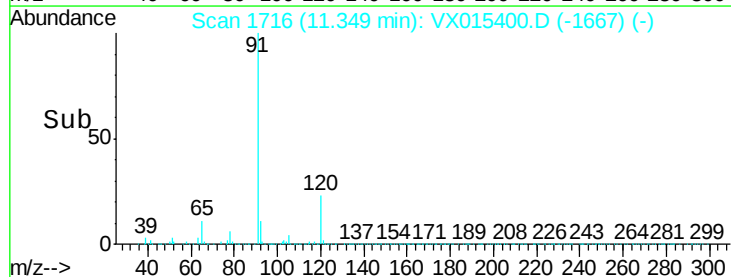
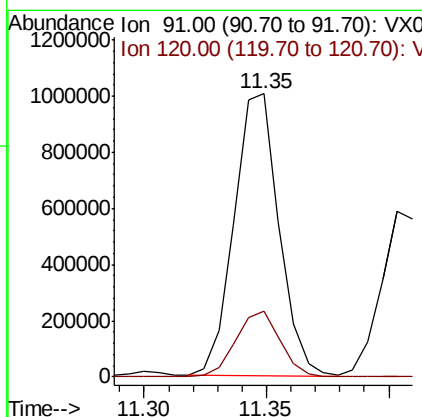
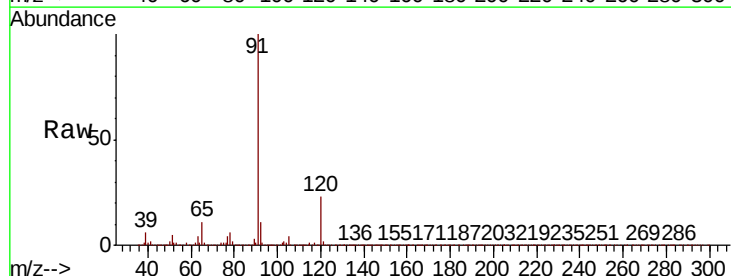
Instrument :
MSVOA_X
ClientSampleId :
VX0327WBS02

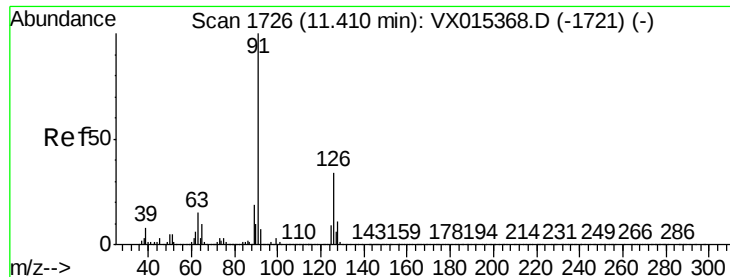
Tot Ion:156 Resp: 280872
Ion Ratio Lower Upper
156 100
77 170.6 82.2 246.5
158 98.8 49.3 147.9



#78
n-propylbenzene
Concen: 20.696 ug/l
RT: 11.35 min Scan# 1716
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion: 91 Resp: 1279562
Ion Ratio Lower Upper
91 100
120 23.0 11.7 35.0





#79

2-Chlorotoluene

Concen: 20.152 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

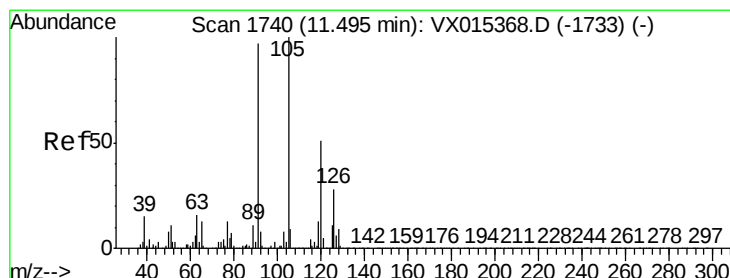
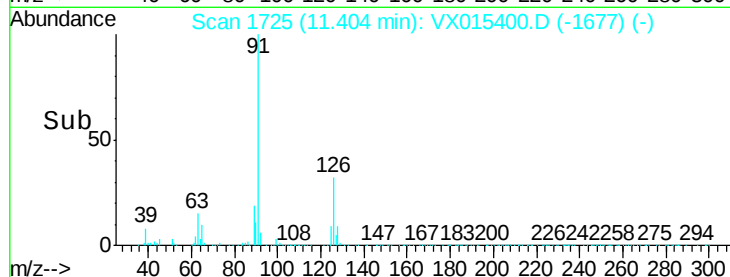
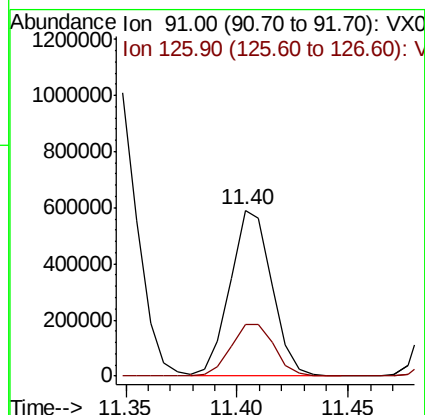
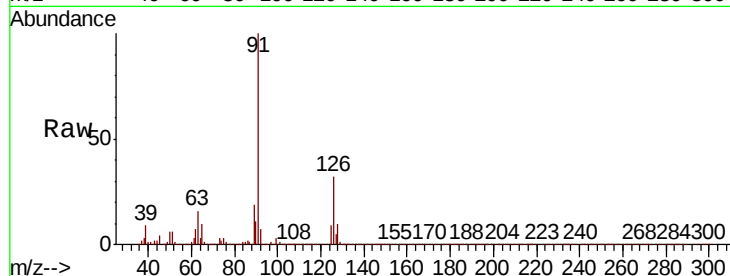
VX0327WBS02

Tot Ion: 91 Resp: 763679

Ion Ratio Lower Upper

91 100

126 33.2 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 20.816 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015400.D

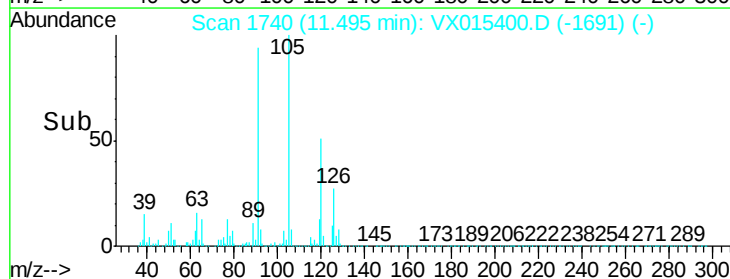
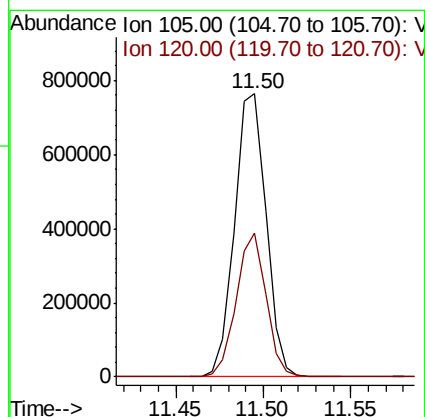
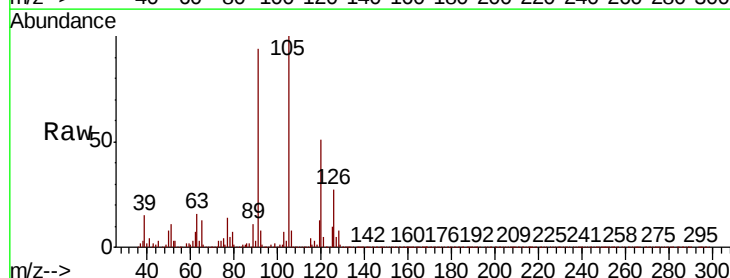
Acq: 27 Mar 2020 23:46

Tgt Ion: 105 Resp: 961204

Ion Ratio Lower Upper

105 100

120 48.0 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.284 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

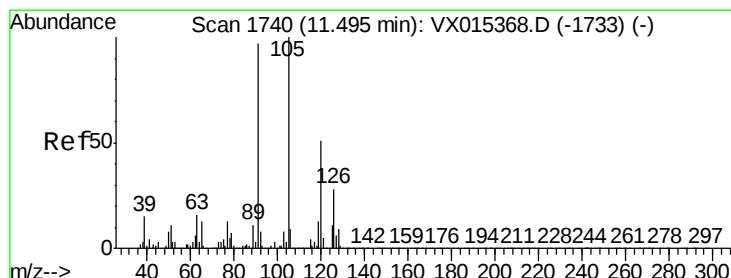
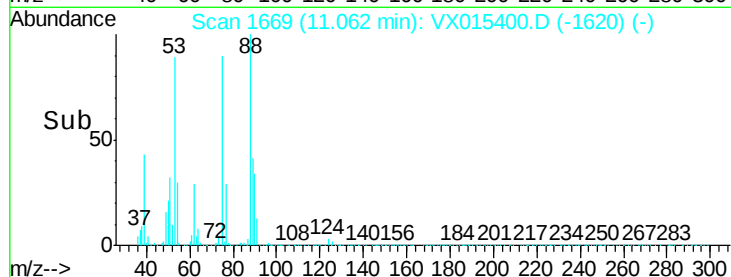
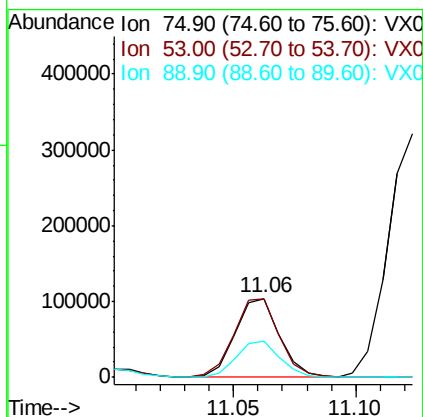
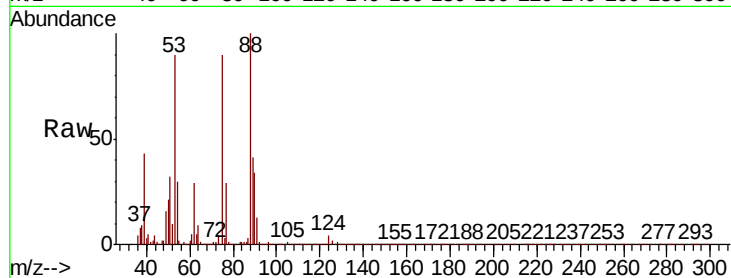
Tot Ion: 75 Resp: 129312

Ion Ratio Lower Upper

75 100

53 101.4 80.1 120.1

89 46.2 36.1 54.1



#82

4-Chlorotoluene

Concen: 20.524 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015400.D

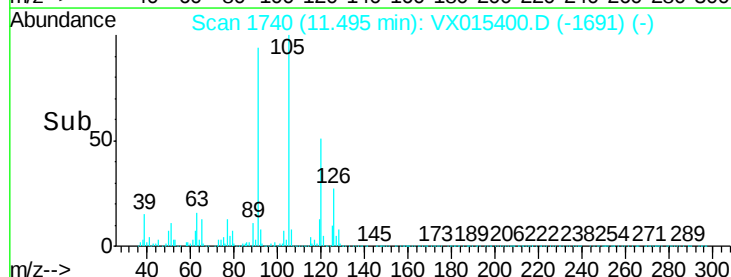
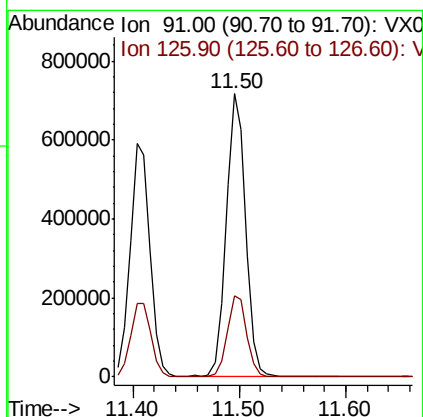
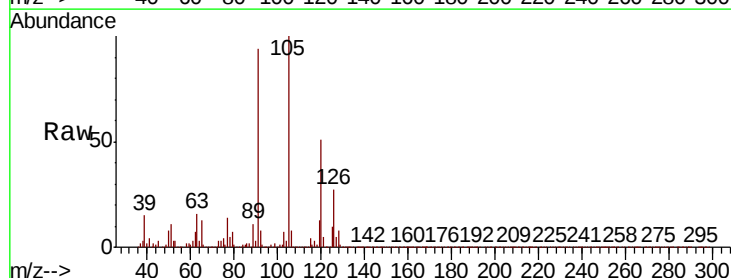
Acq: 27 Mar 2020 23:46

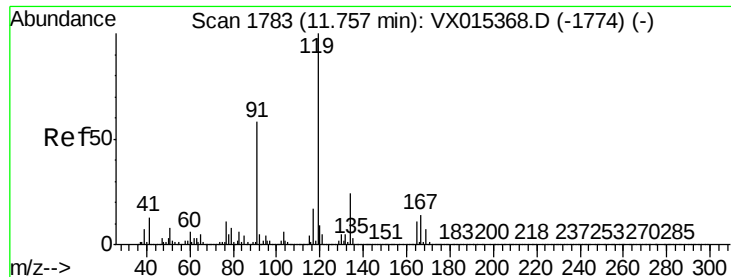
Tgt Ion: 91 Resp: 911801

Ion Ratio Lower Upper

91 100

126 28.7 14.7 44.1





#83

tert-Butylbenzene

Concen: 20.570 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

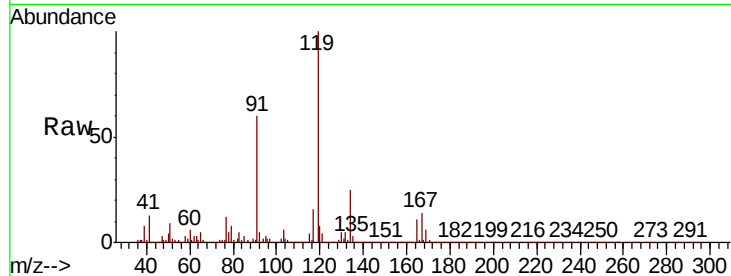
Tot Ion:119 Resp: 927834

Ion Ratio Lower Upper

119 100

91 58.7 28.6 85.8

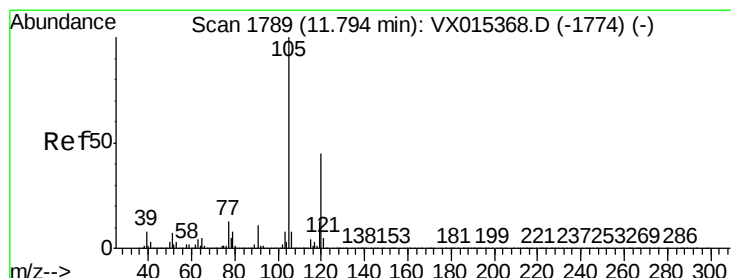
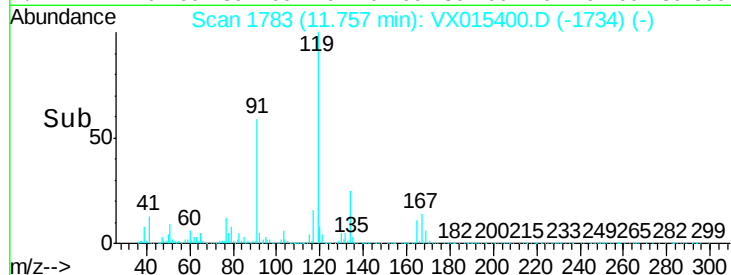
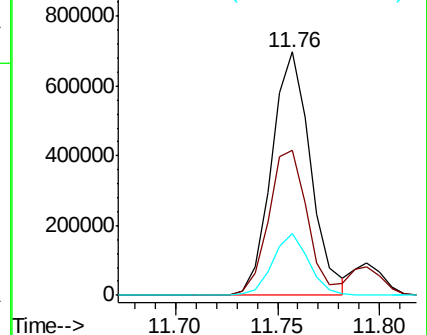
134 23.4 11.8 35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.216 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015400.D

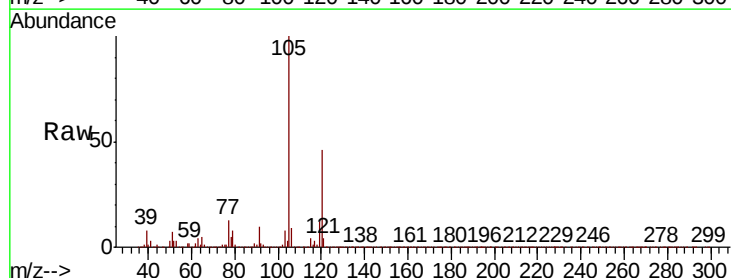
Acq: 27 Mar 2020 23:46

Tgt Ion:105 Resp: 951306

Ion Ratio Lower Upper

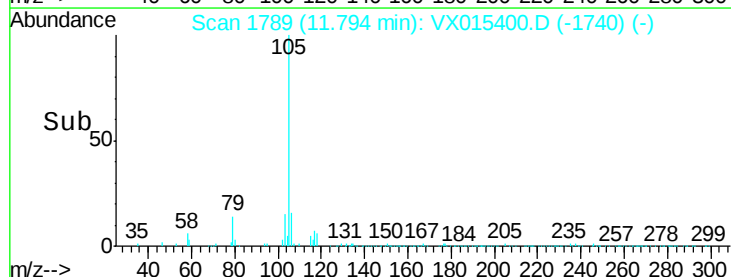
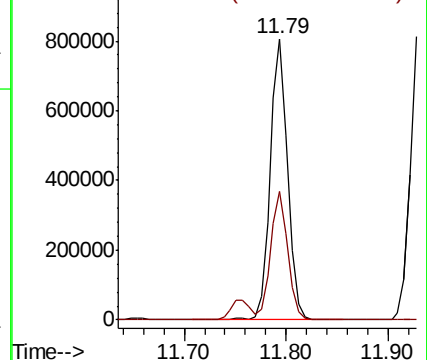
105 100

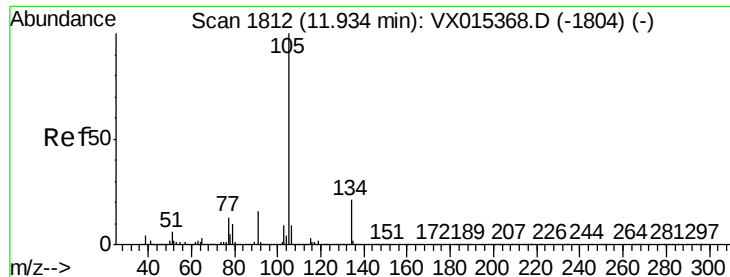
120 45.0 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.469 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

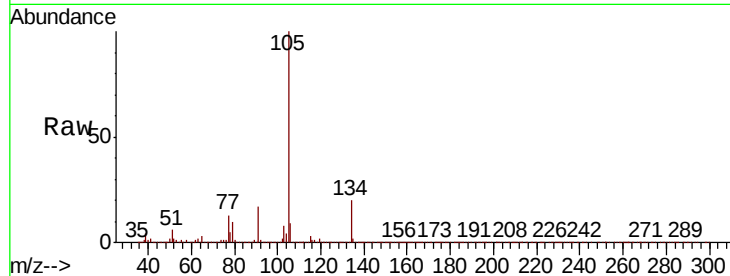
VX0327WBS02

Tot Ion:105 Resp: 1067773

Ion Ratio Lower Upper

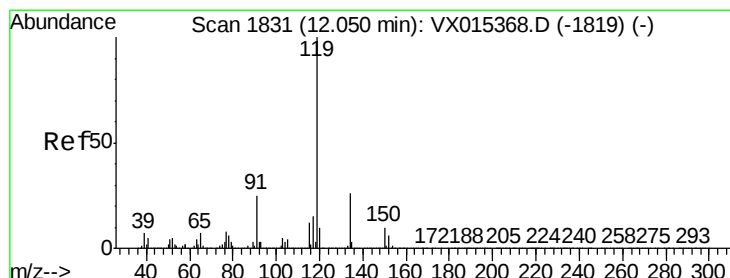
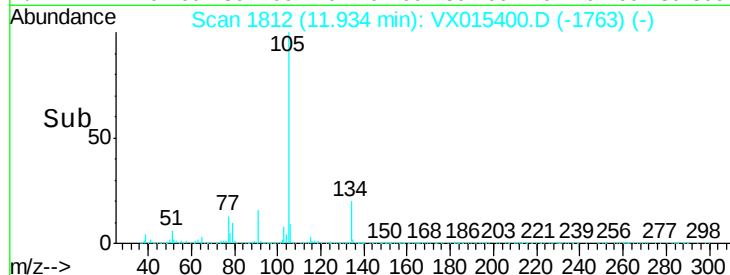
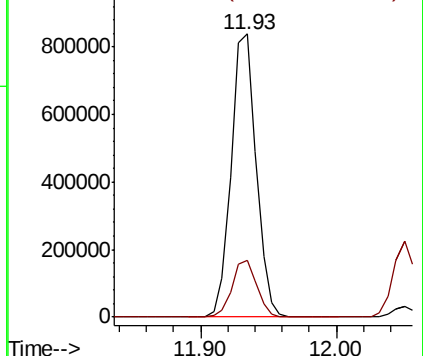
105 100

134 20.1 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: 20.190 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

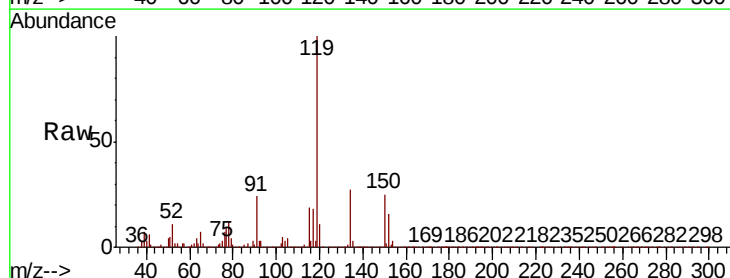
Tgt Ion:119 Resp: 977783

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

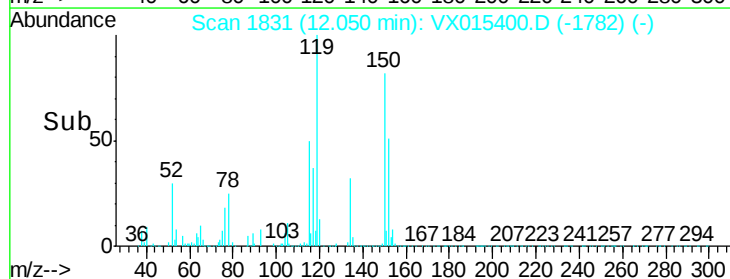
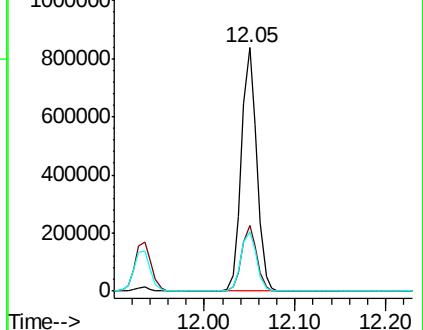
91 25.0 12.4 37.4

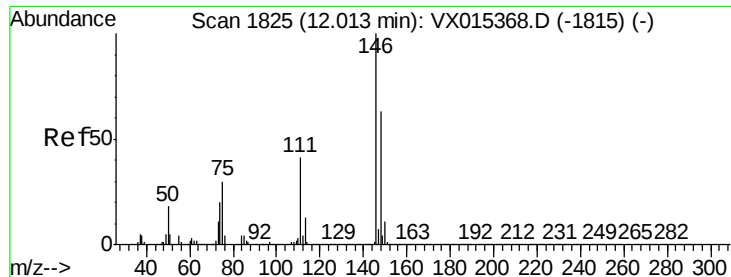


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.788 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

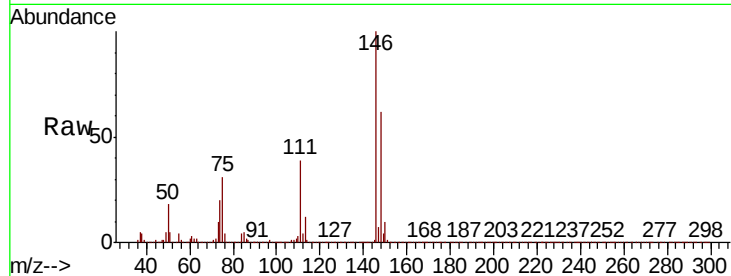
Tot Ion:146 Resp: 510901

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.9

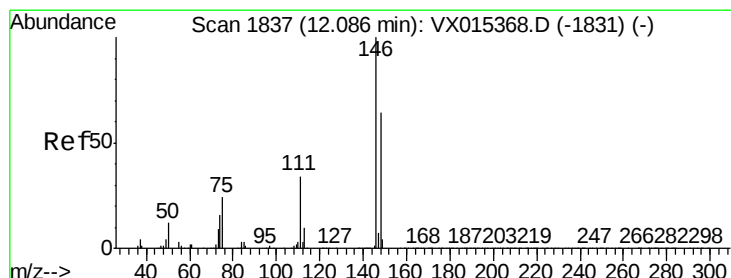
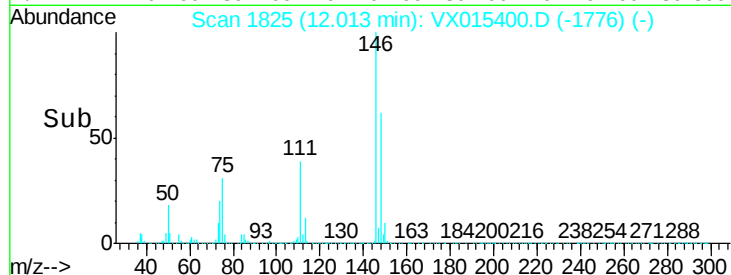
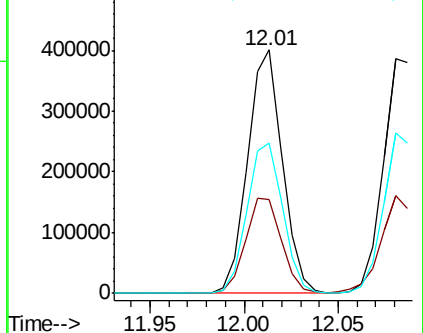
148 63.7 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.041 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. -0.01 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

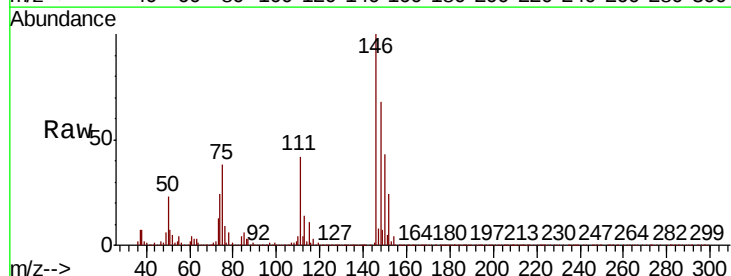
Tgt Ion:146 Resp: 500772

Ion Ratio Lower Upper

146 100

111 41.3 19.1 57.5

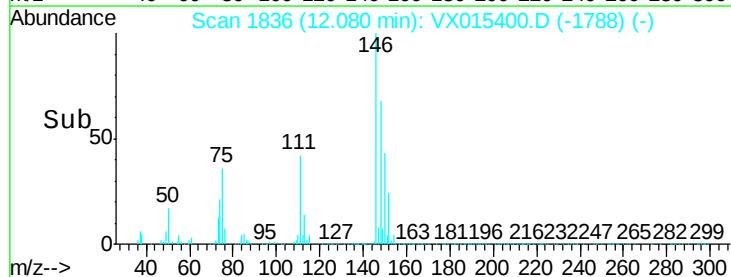
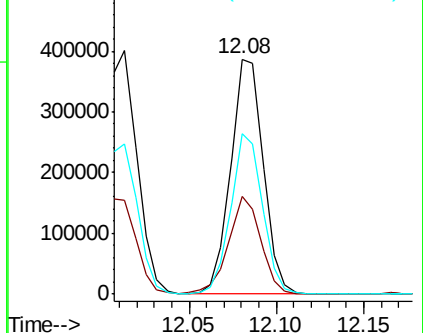
148 66.6 32.4 97.2

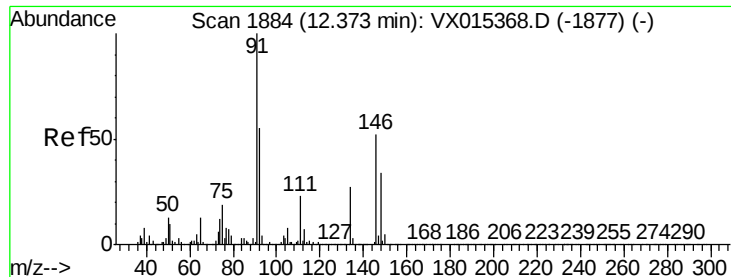


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 20.321 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015400.D

Acq: 27 Mar 2020 23:46

Instrument :

MSVOA_X

ClientSampleId :

VX0327WBS02

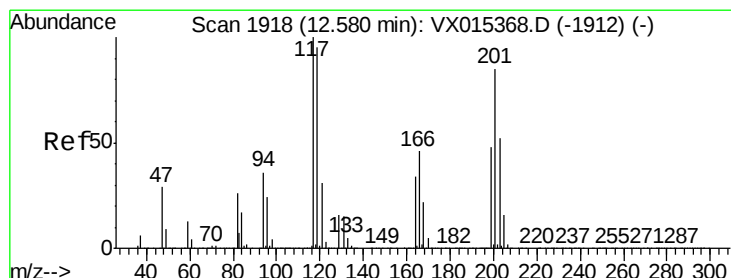
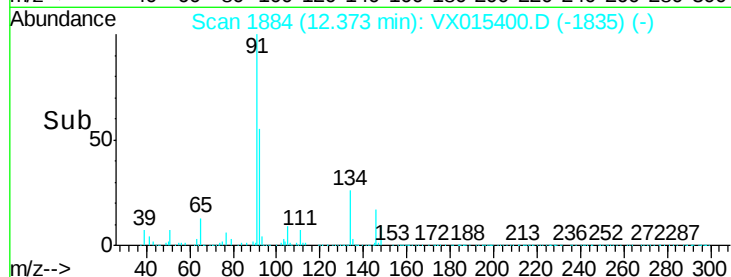
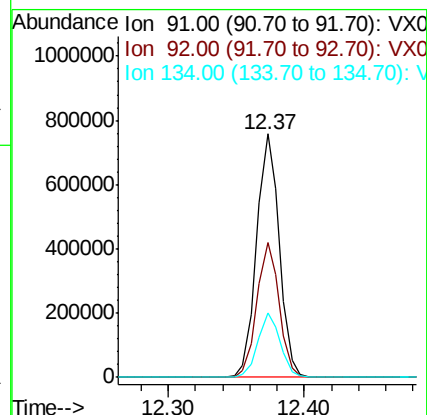
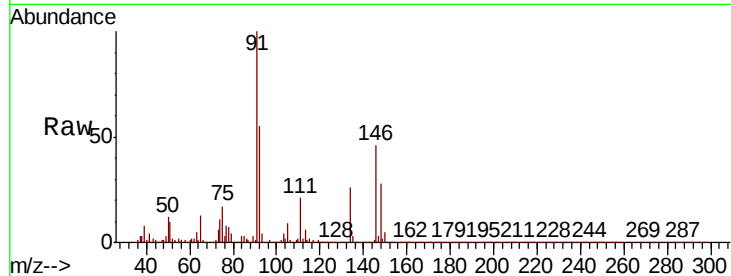
Tot Ion: 91 Resp: 889330

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.5

134 26.0 13.4 40.2



#90

Hexachloroethane

Concen: 20.063 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015400.D

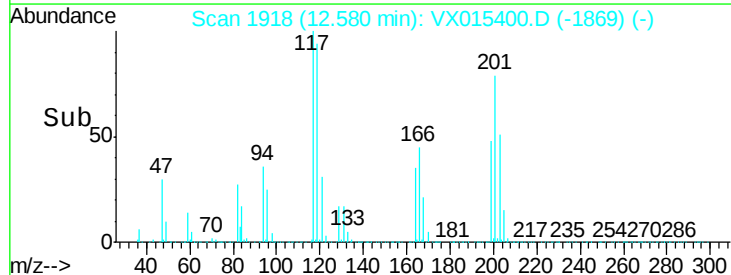
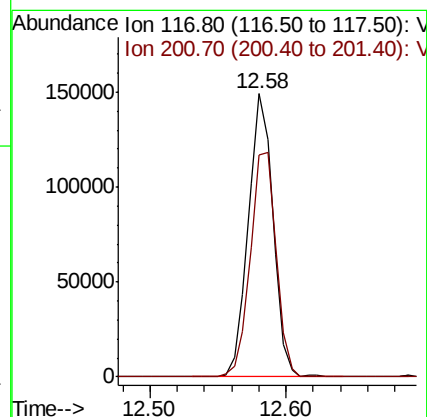
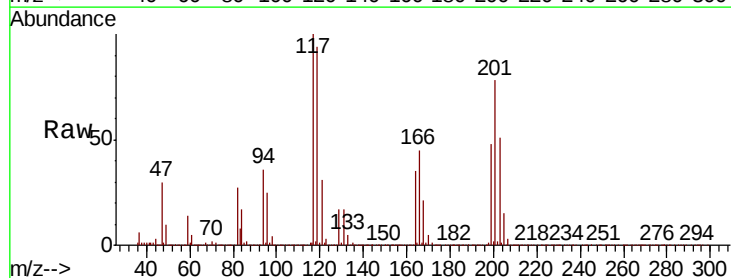
Acq: 27 Mar 2020 23:46

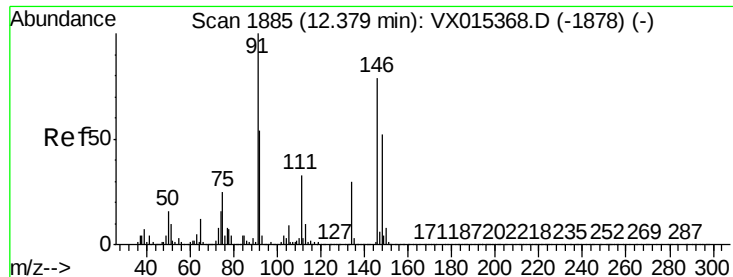
Tgt Ion: 117 Resp: 189108

Ion Ratio Lower Upper

117 100

201 83.5 42.6 128.0

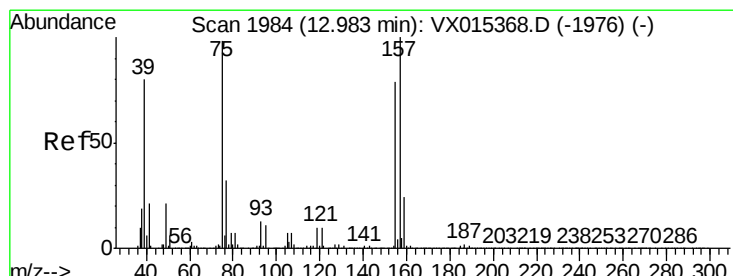
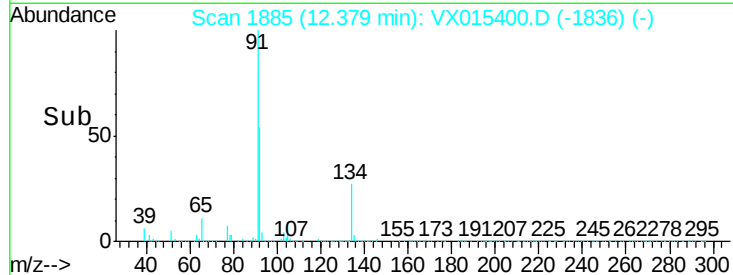
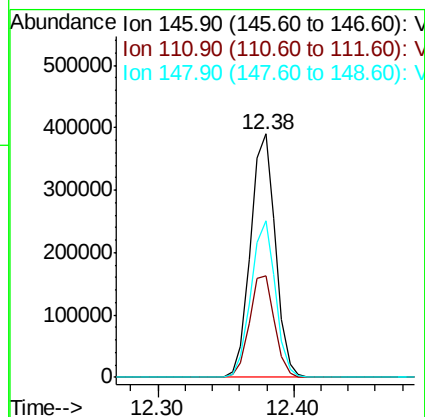
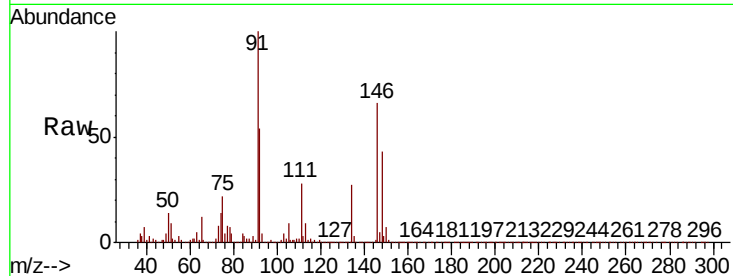




#91
 1,2-Dichlorobenzene
 Concen: 19.754 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

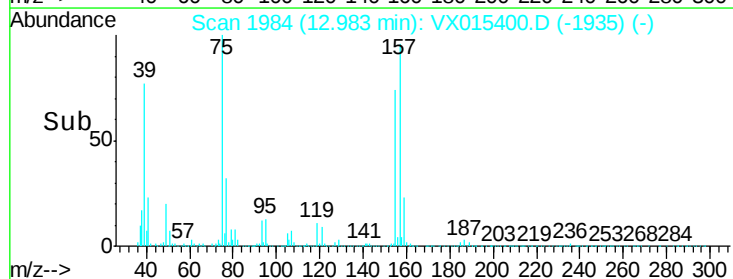
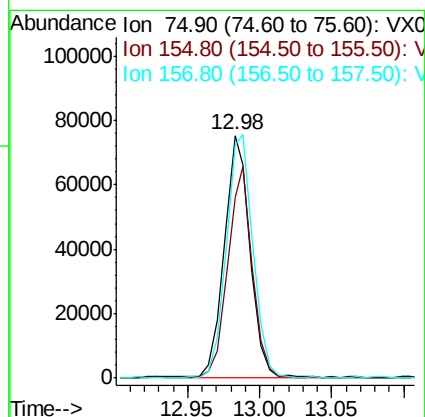
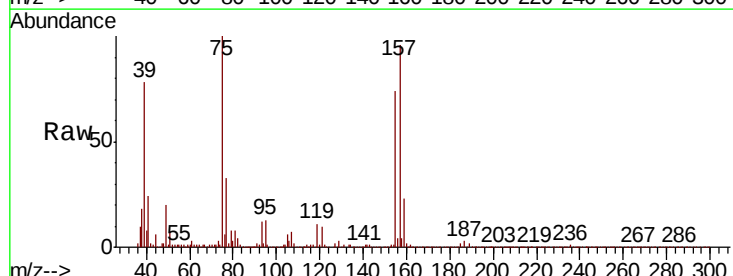
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

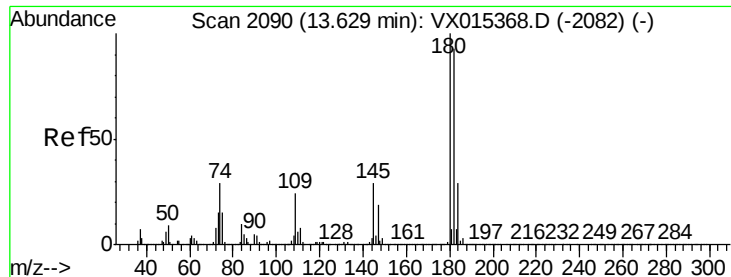
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	63.4	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.003 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	42.8	128.4
157	104.1	53.4	160.3

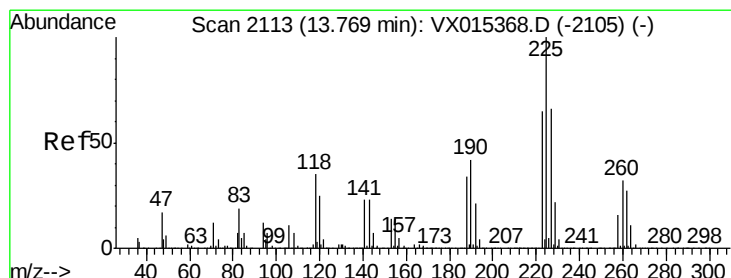
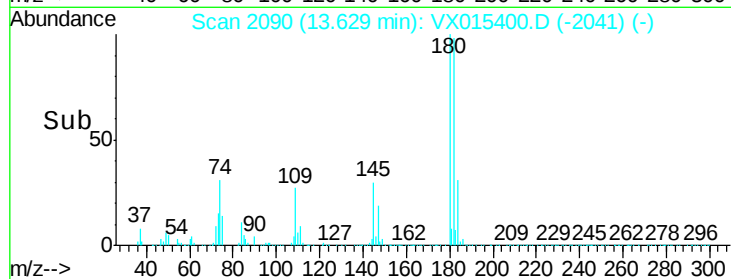
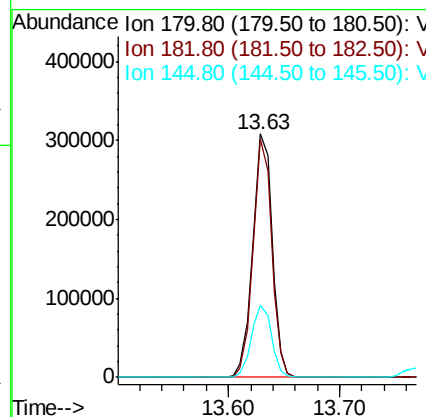
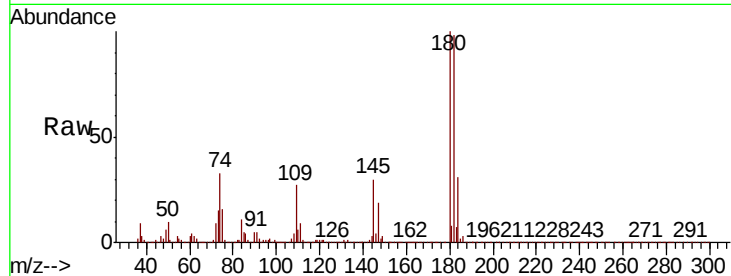




#93
 1,2,4-Trichlorobenzene
 Concen: 18.806 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

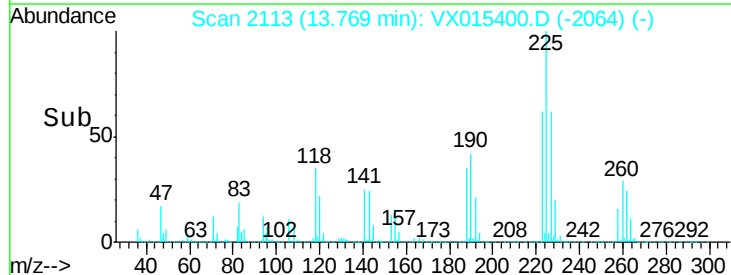
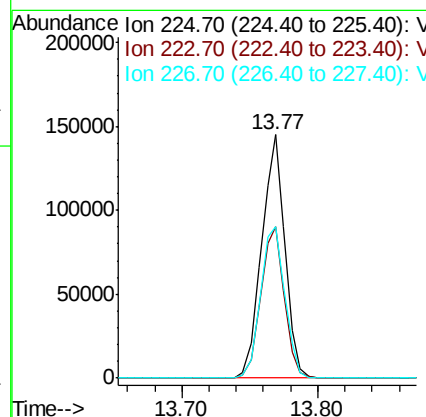
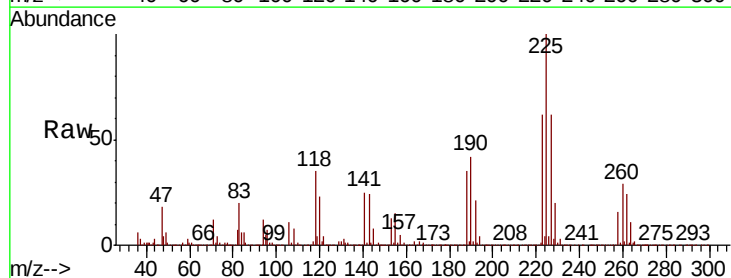
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0327WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.9	140.7
145	30.2	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 18.299 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015400.D
 Acq: 27 Mar 2020 23:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	31.9	95.7
227	65.2	30.4	91.3

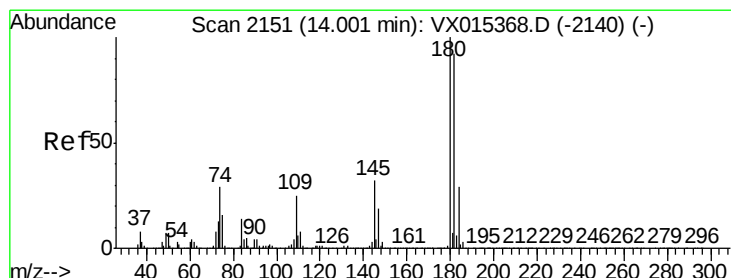
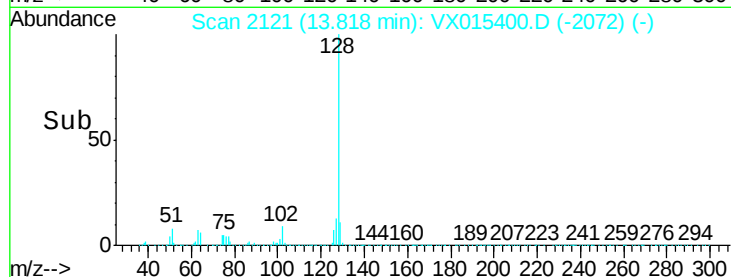
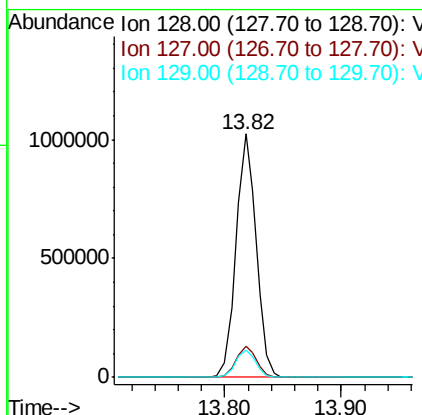
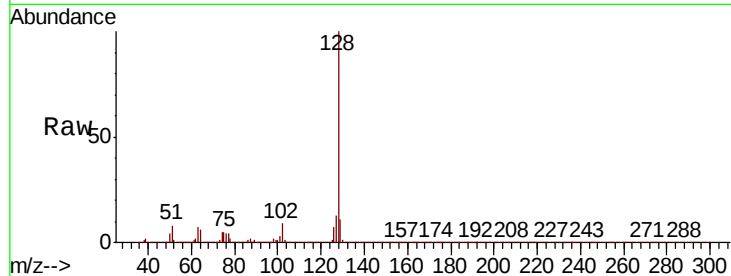




#95
Naphthalene
Concen: 20.267 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Instrument :
MSVOA_X
ClientSampled :
VX0327WBS02

Tot Ion:128 Resp: 1235599
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.685 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015400.D
Acq: 27 Mar 2020 23:46

Tgt Ion:180 Resp: 378794
Ion Ratio Lower Upper
180 100
182 93.0 46.7 140.0
145 32.2 15.8 47.3

