

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
 Data File : VX015627.D
 Acq On : 10 Apr 2020 17:26
 Operator : JC/SP
 Sample : VX0410WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

Quant Time: Apr 11 00:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	157707	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	839624	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	801301	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	391210	31.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.80%
60) 4-Bromofluorobenzene	11.12	95	409259	29.84	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.47%
63) Toluene-d8	8.70	98	985969	28.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	92740	12.314	ug/l 95
3) Chloromethane	1.31	50	151449	16.294	ug/l 99
4) Vinyl Chloride	1.39	62	140004	15.658	ug/l 96
5) Bromomethane	1.64	94	114242	24.000	ug/l 99
6) Chloroethane	1.72	64	99313	17.803	ug/l 91
7) Trichlorofluoromethane	1.92	101	190781	14.930	ug/l 99
8) Diethyl Ether	2.17	74	103500	21.052	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	119047	14.081	ug/l 99
10) 1,1-Dichloroethene	2.36	96	131387	15.300	ug/l 95
11) Methyl Iodide	2.50	142	151223	13.252	ug/l 96
12) Methyl Acetate	2.75	43	275784	21.948	ug/l 97
13) Acrolein	2.27	56	131298	80.323	ug/l 96
14) Acrylonitrile	3.12	53	591211	109.901	ug/l 99
15) Acetone	2.42	58	154905	113.243	ug/l 88
16) Carbon Disulfide	2.55	76	362974	14.459	ug/l 98
17) Allyl chloride	2.71	41	337892	17.428	ug/l 99
18) Methylene Chloride	2.84	84	183825	19.067	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	156559	16.854	ug/l 94
20) Diisopropyl ether	3.83	45	659206	18.958	ug/l 98
21) 1,1-Dichloroethane	3.67	63	324768	18.297	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	198676	18.565	ug/l 97
23) tert-Butyl Alcohol	3.01	59	256049	96.766	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	639740	20.065	ug/l 100
25) Chloroform	5.19	83	329368	18.773	ug/l 99
26) Cyclohexane	5.55	56	223813	13.197	ug/l # 97
29) 1,1-Dichloropropene	5.77	75	210313	16.672	ug/l 100
30) 2-Butanone	4.64	43	861743	113.957	ug/l 99
31) 2,2-Dichloropropane	4.55	77	254468	16.763	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	268450	17.442	ug/l 99
33) Carbon Tetrachloride	5.76	117	226217	16.129	ug/l 99
34) Benzene	6.12	78	705166	19.396	ug/l 99
35) Methacrylonitrile	5.01	41	191885	22.377	ug/l 97
36) 1,2-Dichloroethane	6.17	62	308749	21.977	ug/l 99
37) Trichloroethene	7.19	130	186947	18.262	ug/l 99
38) Methylcyclohexane	7.45	83	215236	13.919	ug/l 99
39) 1,2-Dichloropropane	7.50	63	194357	19.903	ug/l 97
40) Dibromomethane	7.64	93	132879	20.443	ug/l 99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0410WBSD02

Quant Time: Apr 11 00:21:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	272004	19.255	ug/l	97
42) Vinyl Acetate	3.79	43	3119587	108.877	ug/l	100
43) Ethyl Acetate	4.80	43	338612	20.585	ug/l	99
44) Isopropyl Acetate	6.42	43	559042	21.118	ug/l	99
45) 1,4-Dioxane	7.72	88	96661	396.366	ug/l	97
46) Methyl methacrylate	7.75	41	273558	20.708	ug/l	98
47) n-amyl Acetate	10.88	43	472297	20.692	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	305743	18.749	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	321915	19.125	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	191254	20.503	ug/l	97
51) Ethyl methacrylate	9.16	69	322831	20.123	ug/l	98
52) 1,3-Dichloropropane	9.36	76	337447	20.944	ug/l	100
53) Dibromochloromethane	9.57	129	220588	19.184	ug/l	97
54) 1,2-Dibromoethane	9.65	107	206256	20.607	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	844112	111.404	ug/l	100
56) Bromoform	10.84	173	179538	18.989	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	1694220	110.474	ug/l	100
59) 2-Hexanone	9.48	43	1281531	109.843	ug/l	99
61) Tetrachloroethene	9.32	164	172248	16.724	ug/l	93
62) Toluene	8.77	91	742821	18.302	ug/l	98
64) Chlorobenzene	10.12	112	486566	18.646	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	193258	18.124	ug/l	100
66) Ethyl Benzene	10.24	91	833971	17.987	ug/l	98
67) m/p-Xylenes	10.34	106	641491	36.554	ug/l	96
68) o-Xylene	10.68	106	314499	18.335	ug/l	100
69) Styrene	10.70	104	553270	18.513	ug/l	99
70) Isopropylbenzene	11.00	105	783667	17.233	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	302623	20.533	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	365322	26.490	ug/l	87
73) Bromobenzene	11.24	156	231116	18.934	ug/l	98
74) n-propylbenzene	11.35	91	889563	17.055	ug/l	100
75) 2-Chlorotoluene	11.40	91	569691	17.958	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	671842	17.204	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	99582	16.756	ug/l	92
78) 4-Chlorotoluene	11.49	91	666926	18.173	ug/l	99
79) tert-butylbenzene	11.76	119	674531	17.283	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	714411	18.059	ug/l	100
81) sec-Butylbenzene	11.93	105	697119	15.571	ug/l	99
82) p-Isopropyltoluene	12.05	119	675124	15.999	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	395189	18.005	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	394710	18.020	ug/l	98
85) n-Butylbenzene	12.37	91	565954	15.047	ug/l	99
86) Hexachloroethane	12.58	117	117169	14.367	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	401479	18.749	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	77015	19.839	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	278820	16.163	ug/l	98
90) Hexachlorobutadiene	13.77	225	104135	11.459	ug/l	97
91) Naphthalene	13.82	128	949088	19.000	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	285636	16.668	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

Quant Time: Apr 11 00:21:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

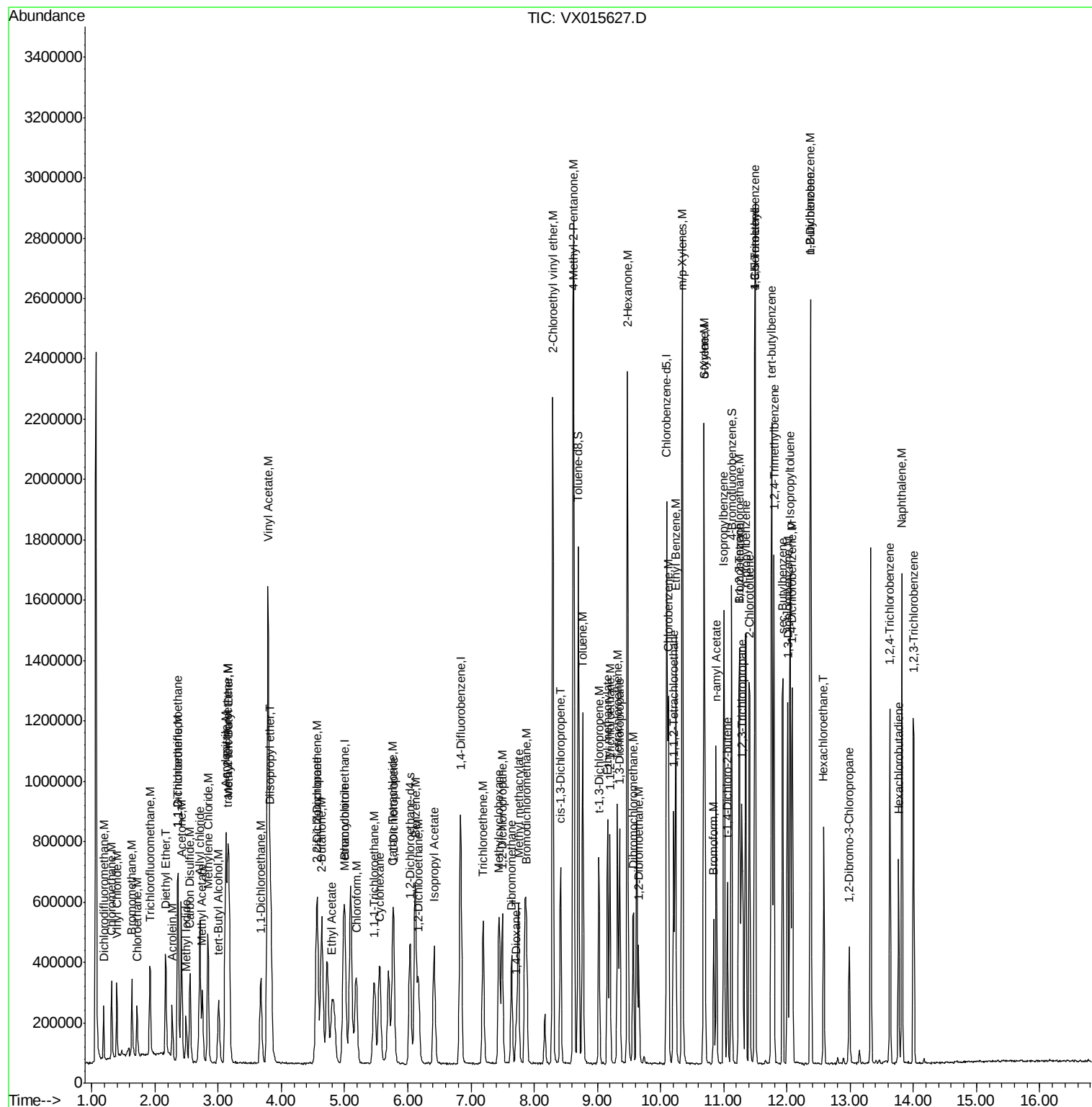
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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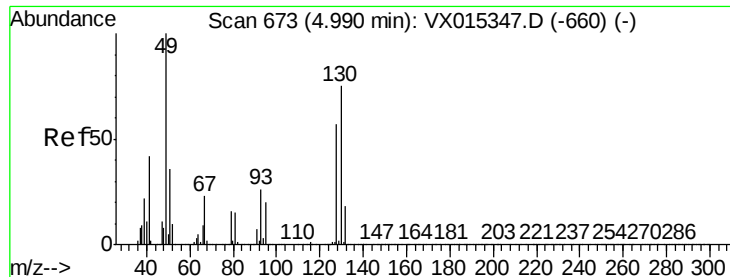
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
Data File : VX015627.D
Acq On : 10 Apr 2020 17:26
Operator : JC/SP
Sample : VX0410WBSD02
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Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

Quant Time: Apr 11 00:21:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 673

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

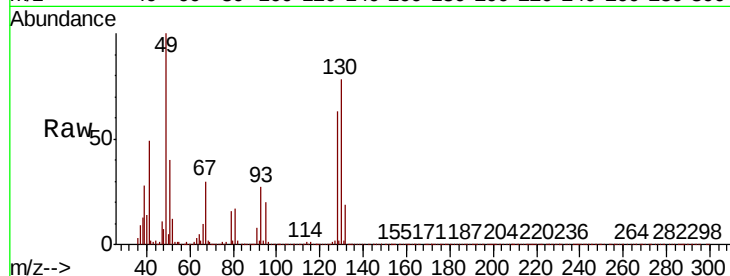
Tot Ion:128 Resp: 157707

Ion Ratio Lower Upper

128 100

49 170.9 0.0 428.0

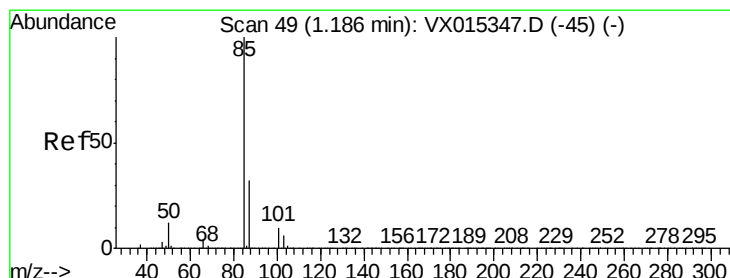
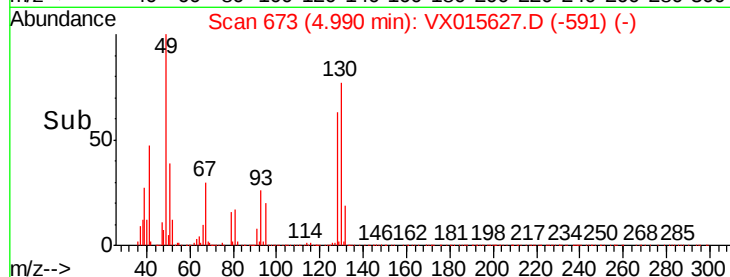
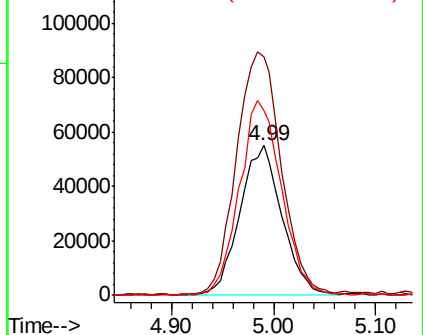
130 130.6 0.0 324.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 12.314 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX015627.D

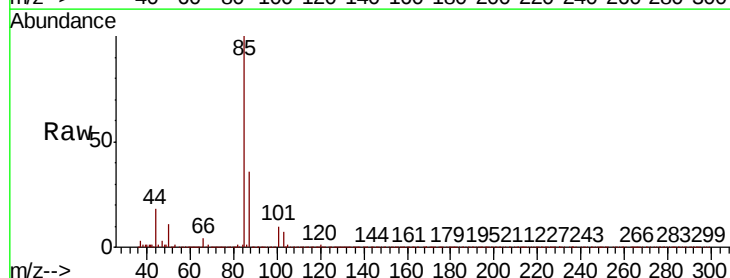
Acq: 10 Apr 2020 17:26

Tgt Ion: 85 Resp: 92740

Ion Ratio Lower Upper

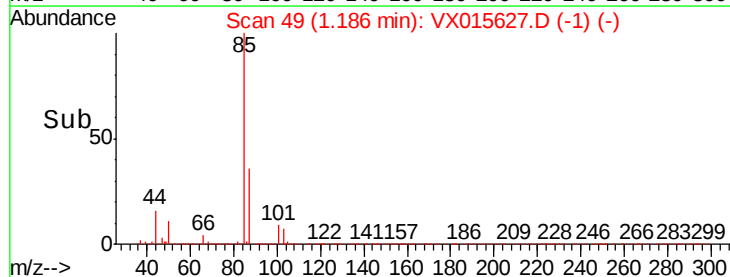
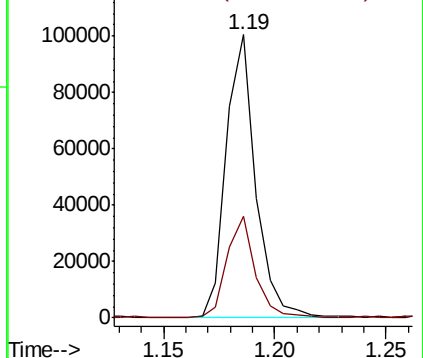
85 100

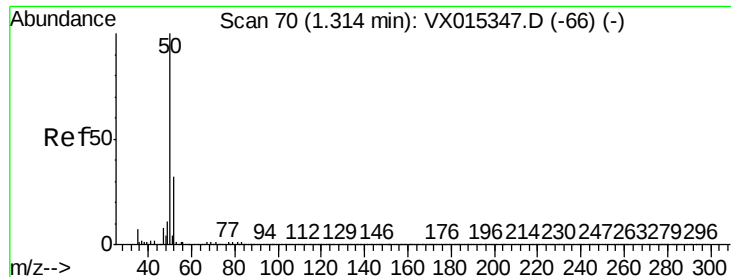
87 35.5 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 16.294 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

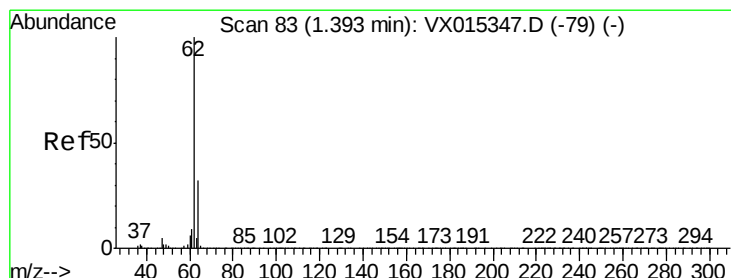
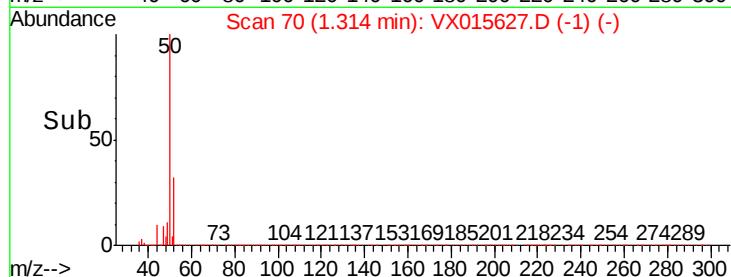
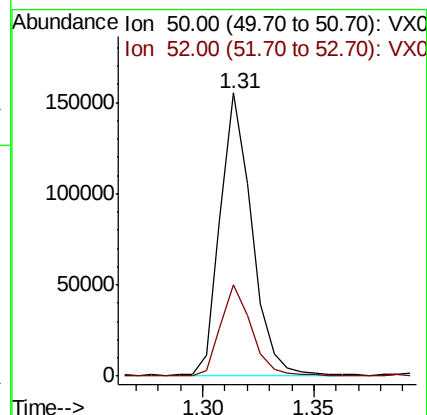
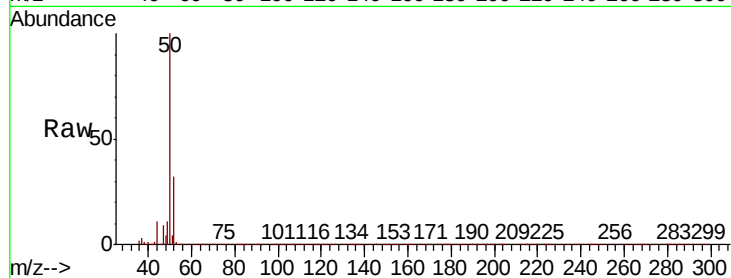
VX0410WBSD02

Tot Ion: 50 Resp: 151449

Ion Ratio Lower Upper

50 100

52 32.4 25.5 38.3



#4

Vinyl Chloride

Concen: 15.658 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015627.D

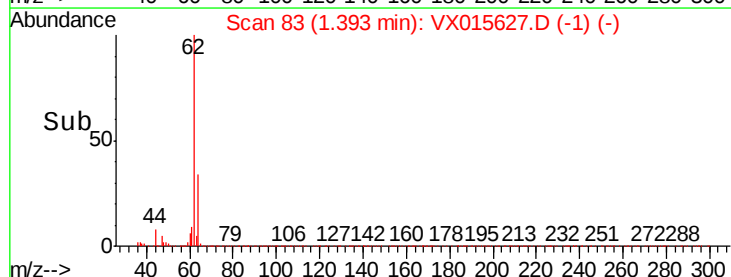
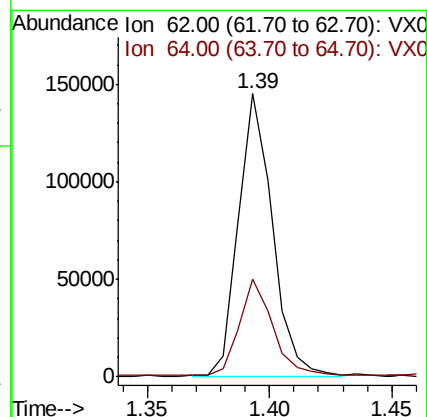
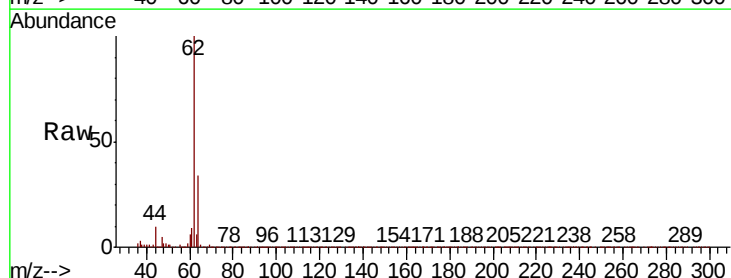
Acq: 10 Apr 2020 17:26

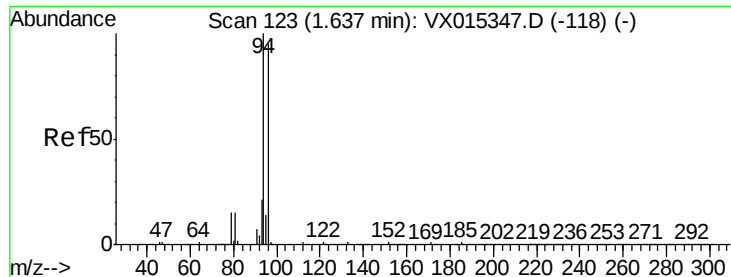
Tgt Ion: 62 Resp: 140004

Ion Ratio Lower Upper

62 100

64 33.8 25.4 38.0





#5

Bromomethane

Concen: 24.000 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

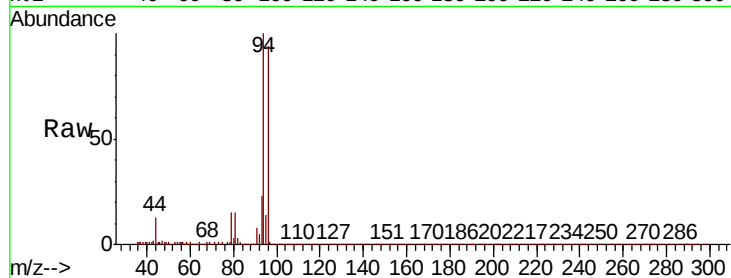
VX0410WBSD02

Tot Ion: 94 Resp: 114242

Ion Ratio Lower Upper

94 100

96 93.7 76.1 114.1



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

100000

80000

60000

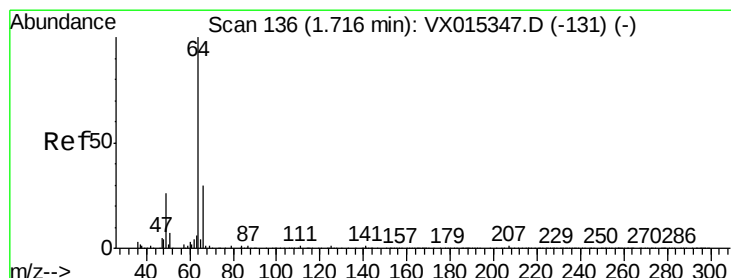
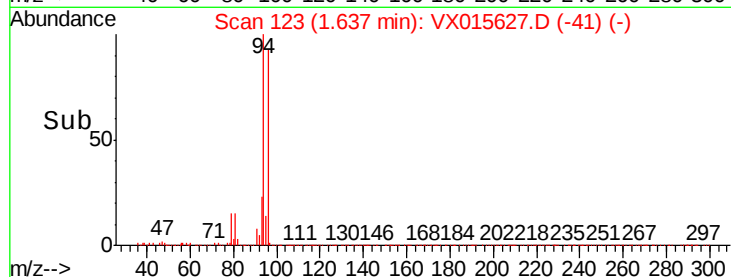
40000

20000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 17.803 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX015627.D

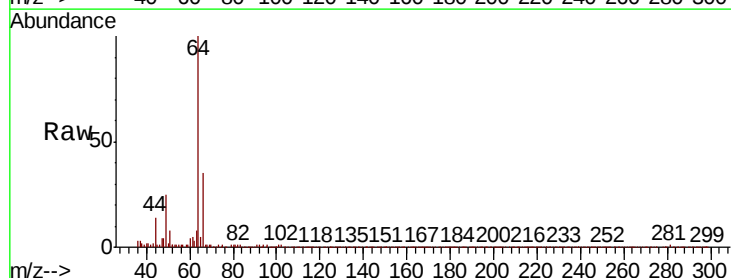
Acq: 10 Apr 2020 17:26

Tgt Ion: 64 Resp: 99313

Ion Ratio Lower Upper

64 100

66 35.1 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

80000

60000

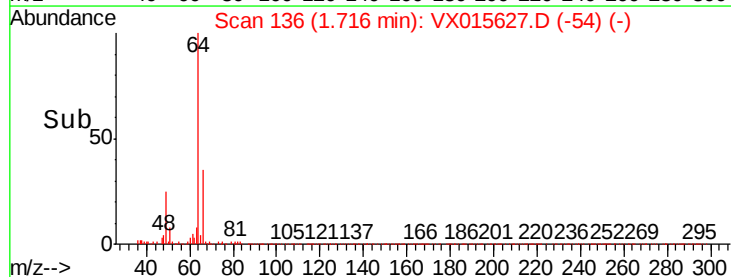
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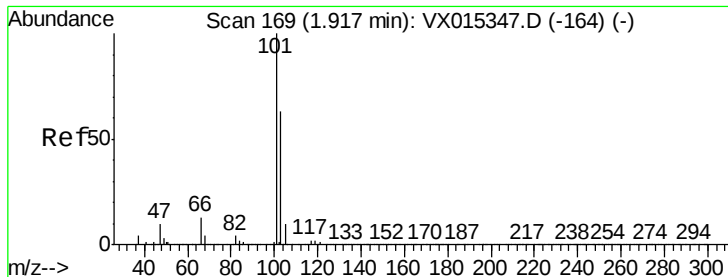
20000

0

1.70 1.75

Time-->



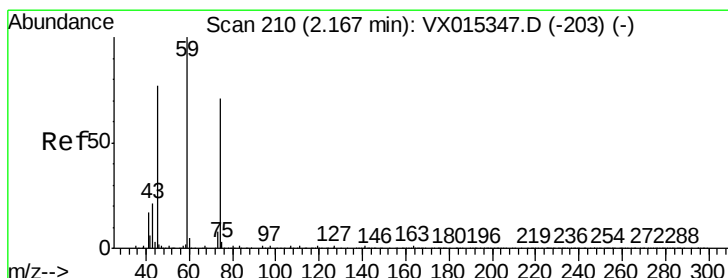
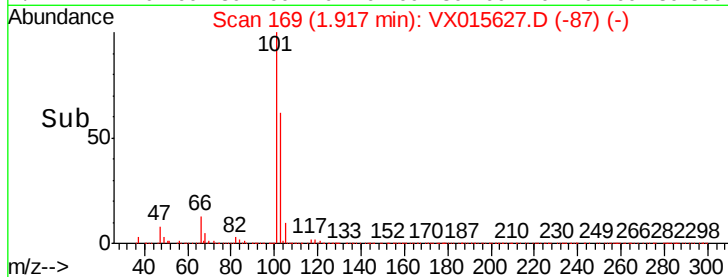
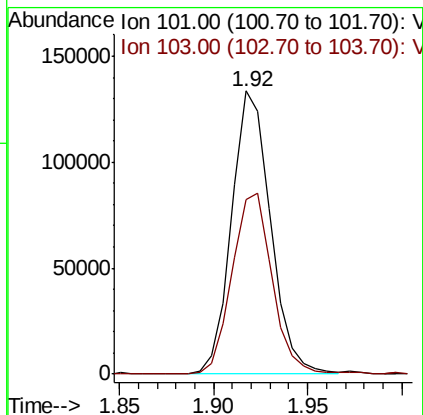
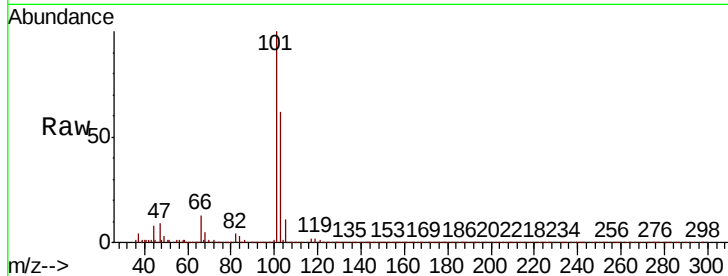


#7

Trichlorofluoromethane
 Concen: 14.930 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX015627.D
 Acq: 10 Apr 2020 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

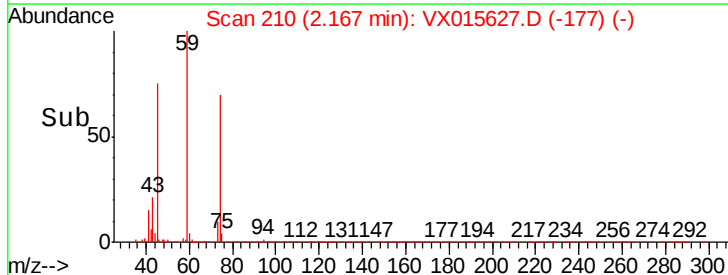
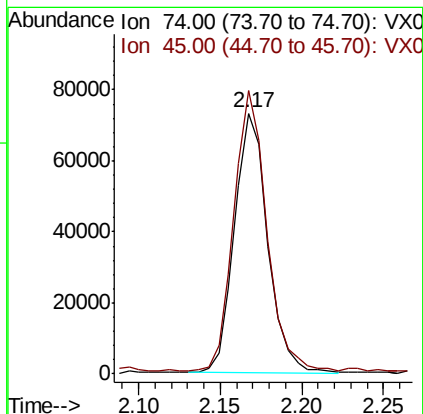
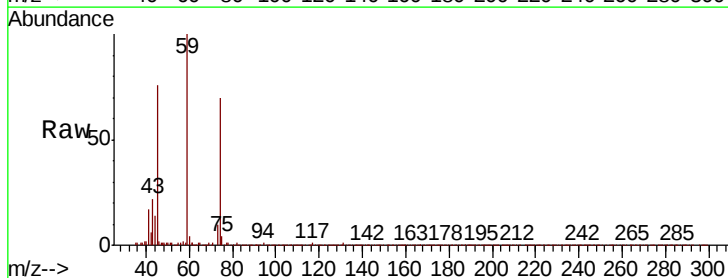
Tot Ion:101 Resp: 190781
 Ion Ratio Lower Upper
 101 100
 103 61.6 49.9 74.9

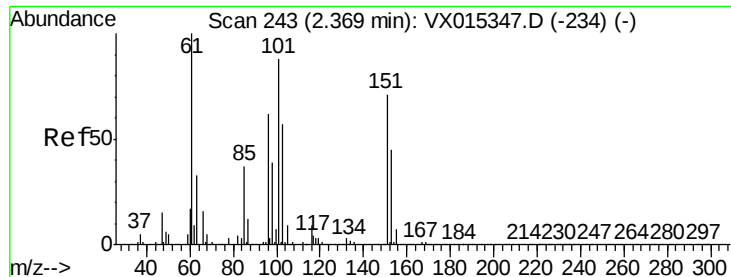


#8

Diethyl Ether
 Concen: 21.052 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: VX015627.D
 Acq: 10 Apr 2020 17:26

Tgt Ion: 74 Resp: 103500
 Ion Ratio Lower Upper
 74 100
 45 108.0 21.8 196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 14.081 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

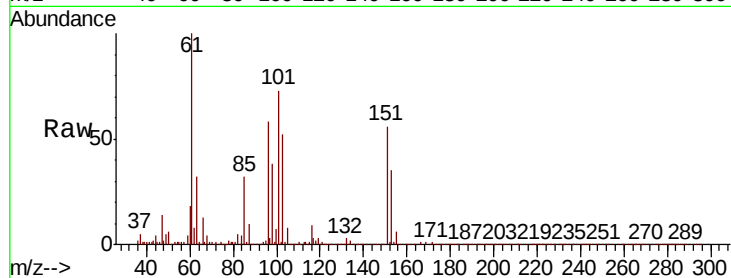
Tot Ion:101 Resp: 119047

Ion Ratio Lower Upper

101 100

85 43.1 0.0 85.8

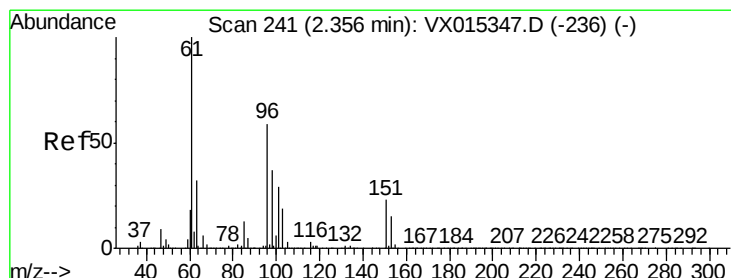
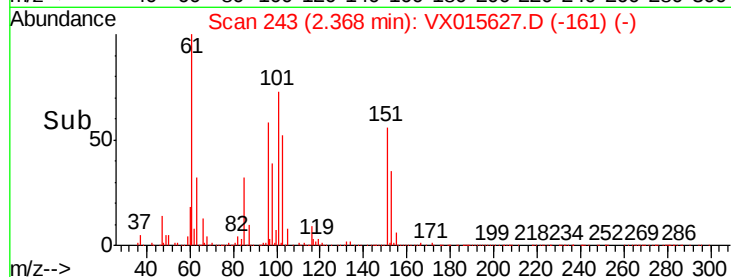
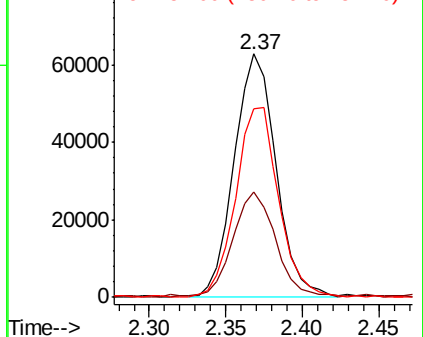
151 80.7 0.0 164.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 15.300 ug/l

RT: 2.36 min Scan# 241

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

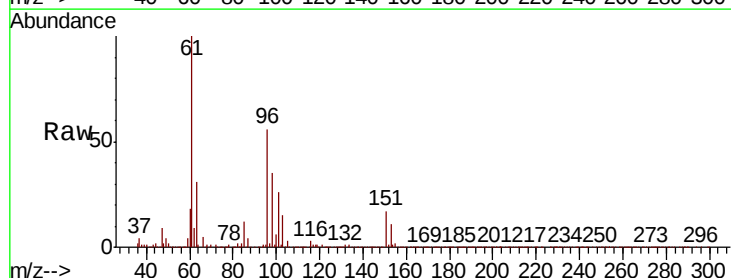
Tgt Ion: 96 Resp: 131387

Ion Ratio Lower Upper

96 100

61 178.5 135.5 203.3

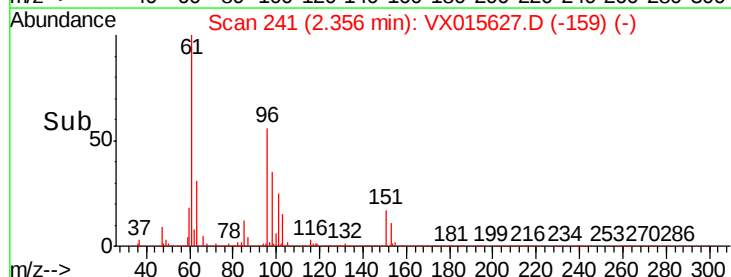
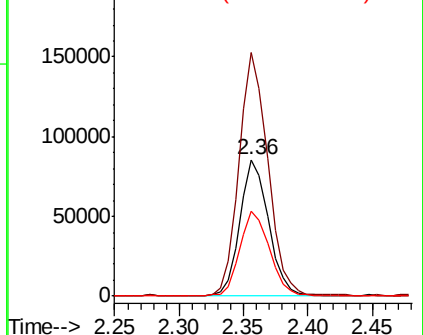
98 62.1 50.2 75.2

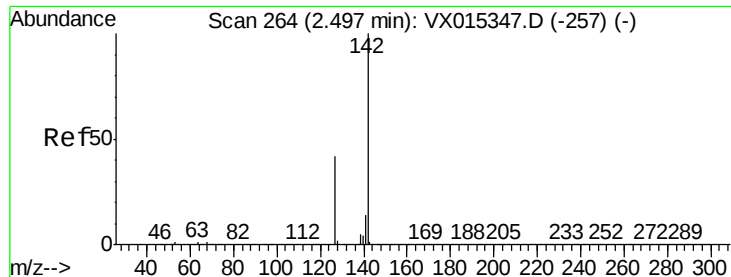


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

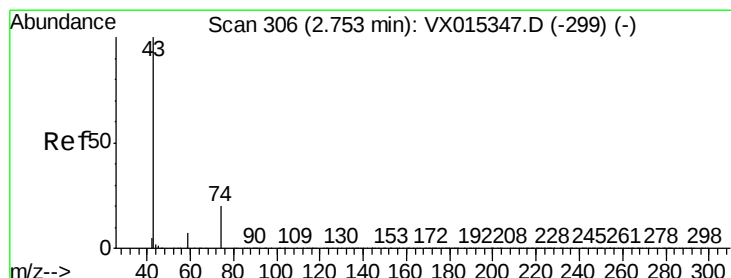
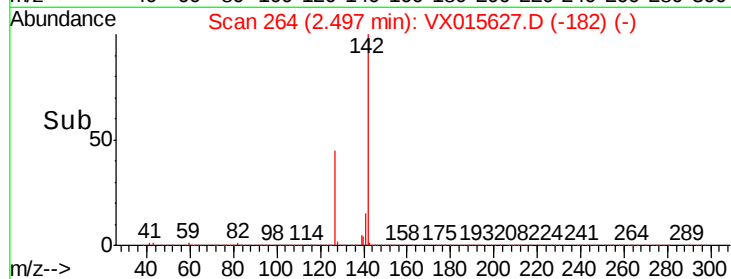
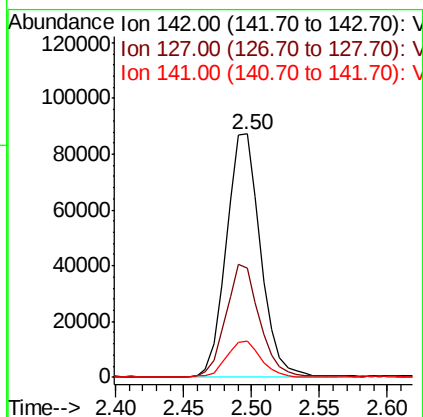
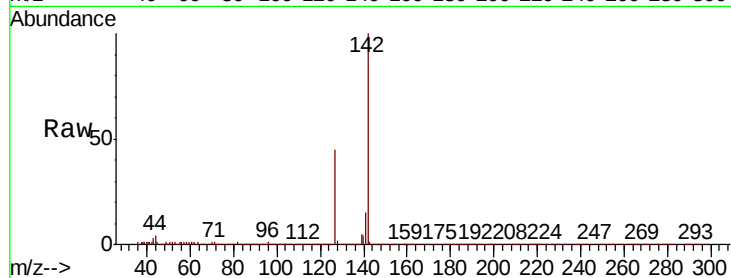




#11
Methvl Iodide
Concen: 13.252 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

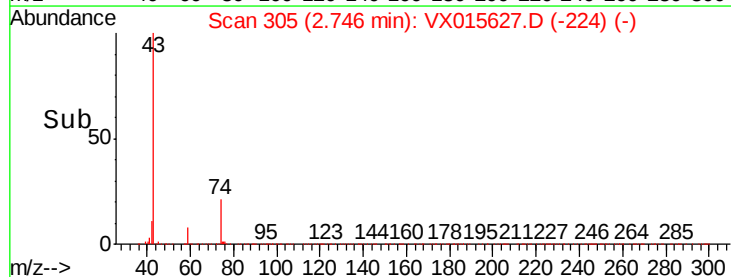
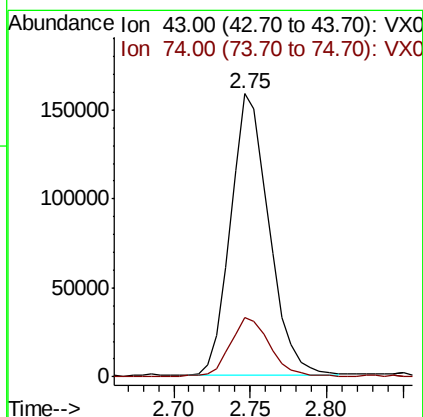
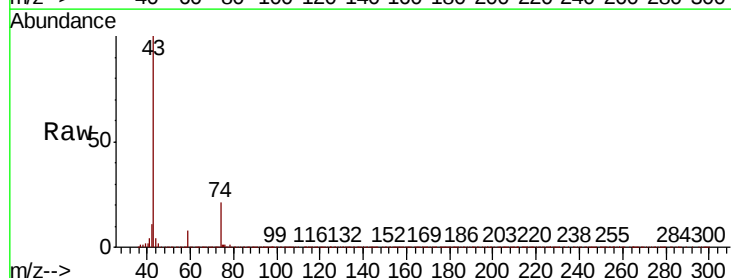
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

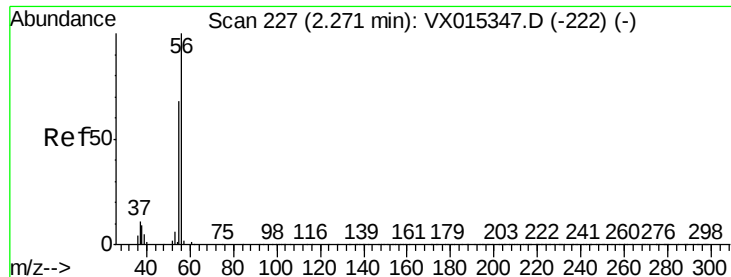
Tot Ion	Ratio	Lower	Upper
142	100		
127	44.6	21.0	63.0
141	14.4	6.9	20.7



#12
Methyl Acetate
Concen: 21.948 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	15.8	23.6





#13

Acrolein

Concen: 80.323 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

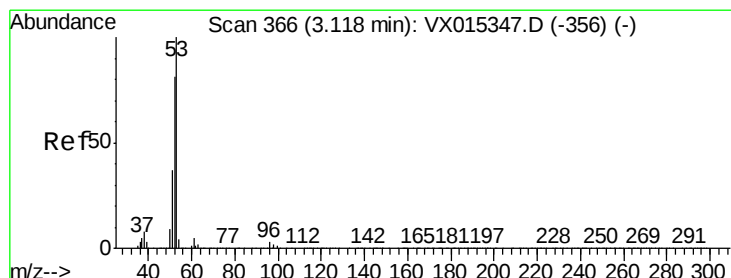
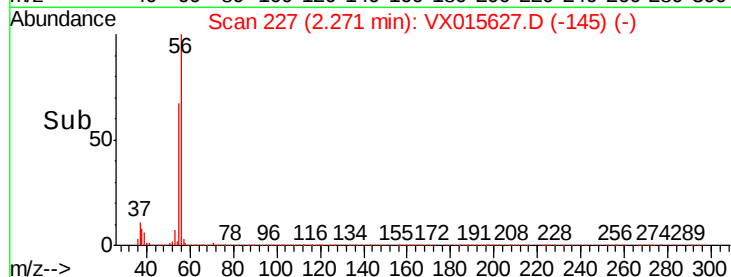
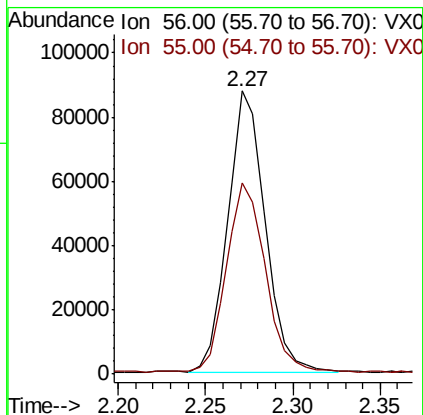
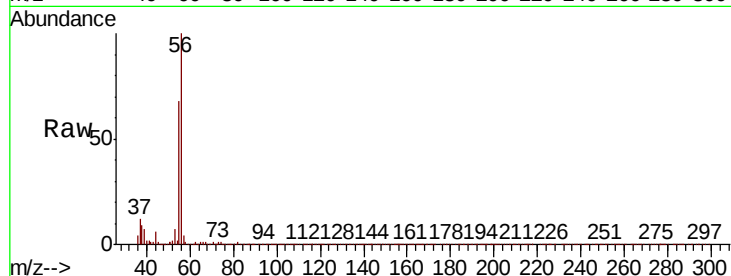
VX0410WBSD02

Tot Ion: 56 Resp: 131298

Ion Ratio Lower Upper

56 100

55 69.8 53.5 80.3



#14

Acrylonitrile

Concen: 109.901 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

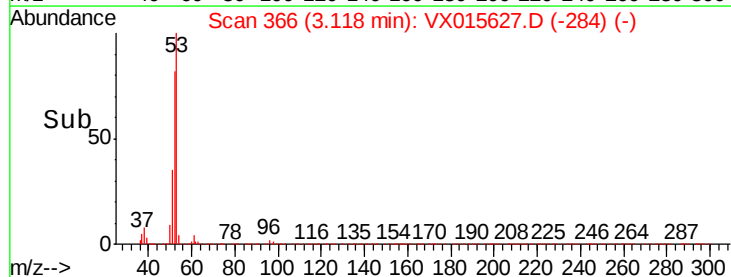
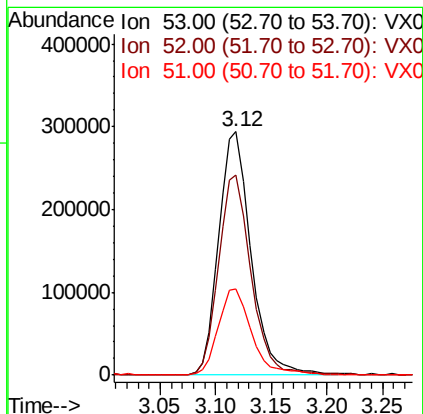
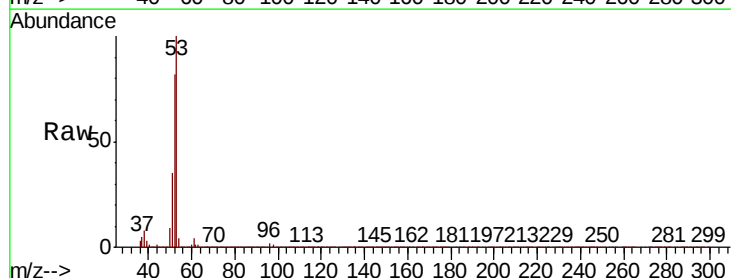
Tgt Ion: 53 Resp: 591211

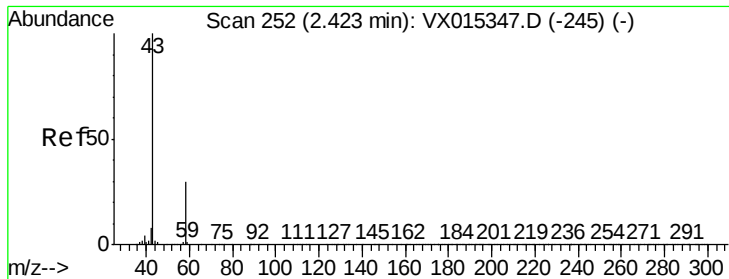
Ion Ratio Lower Upper

53 100

52 82.9 41.0 123.2

51 36.3 18.4 55.4





#15

Acetone

Concen: 113.243 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

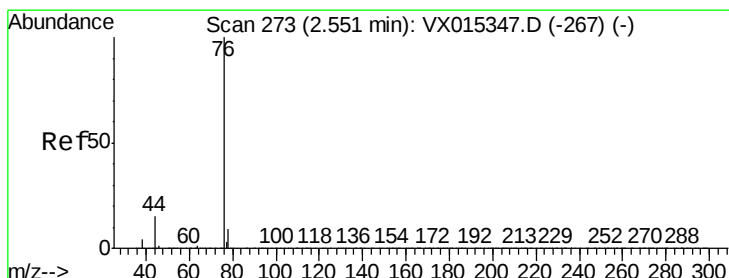
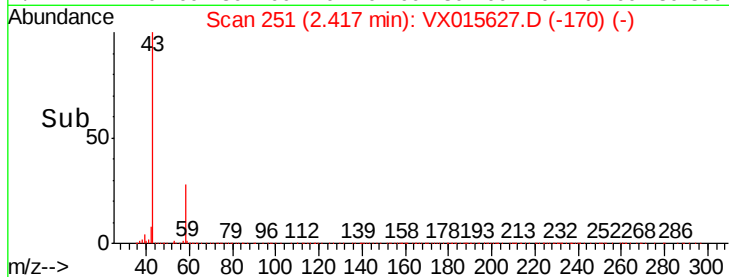
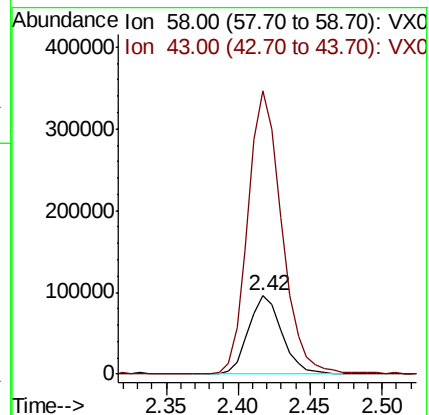
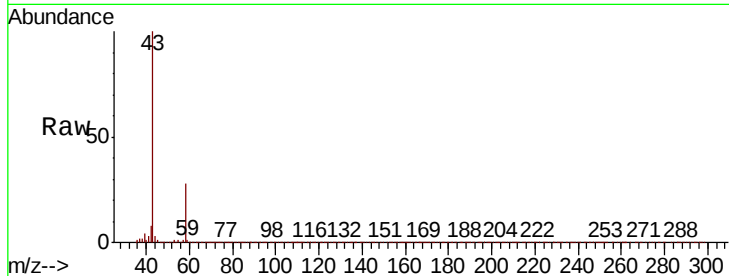
VX0410WBSD02

Tot Ion: 58 Resp: 154905

Ion Ratio Lower Upper

58 100

43 360.8 267.8 401.8



#16

Carbon Disulfide

Concen: 14.459 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015627.D

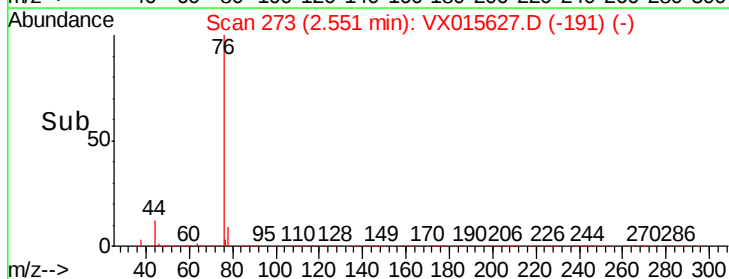
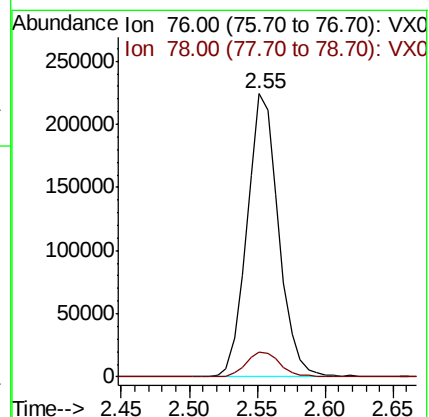
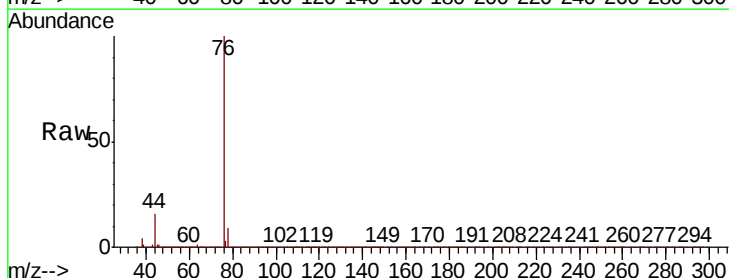
Acq: 10 Apr 2020 17:26

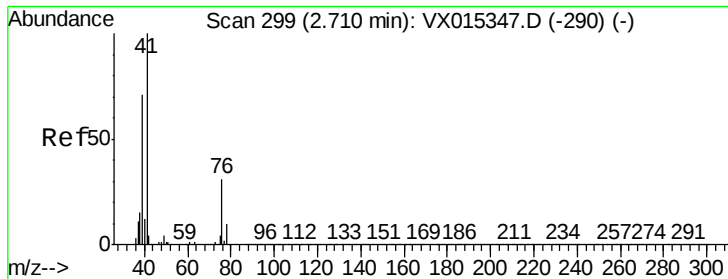
Tgt Ion: 76 Resp: 362974

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

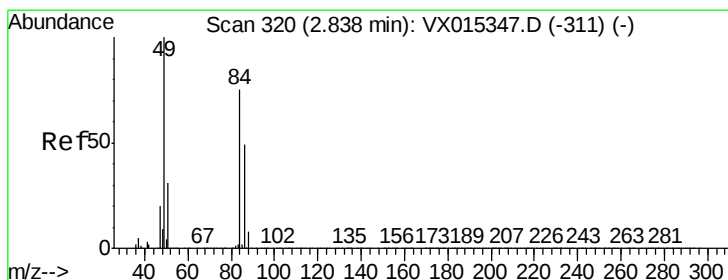
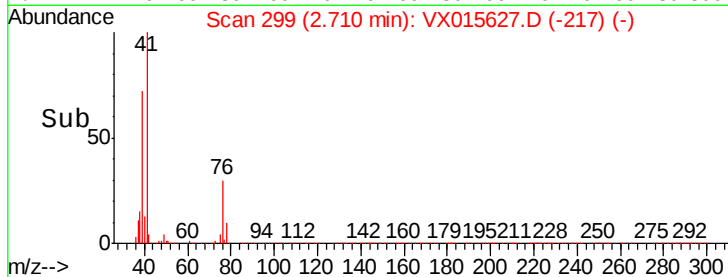
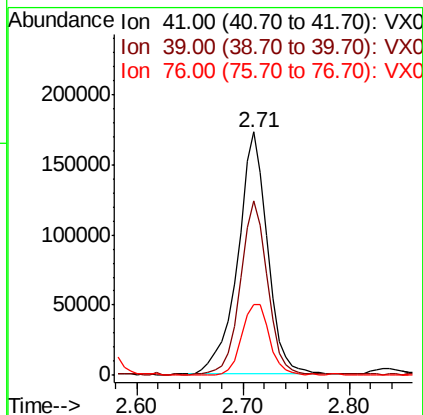
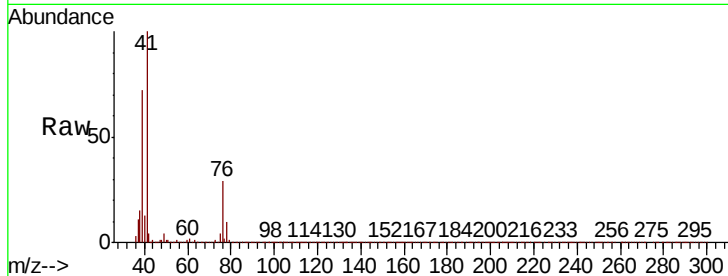




#17
Allvl chloride
Concen: 17.428 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

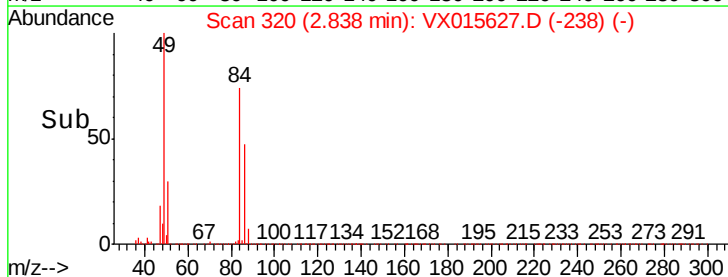
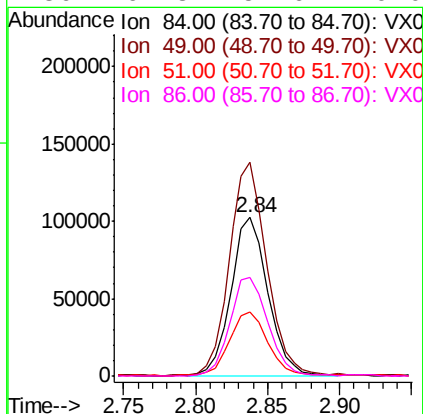
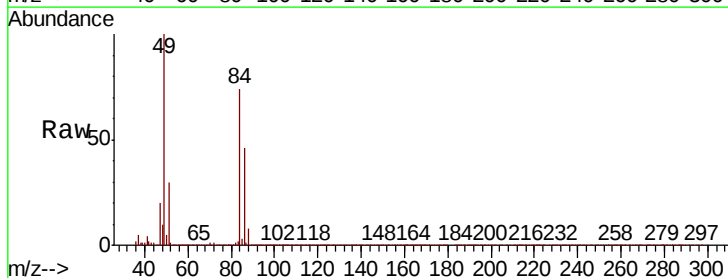
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

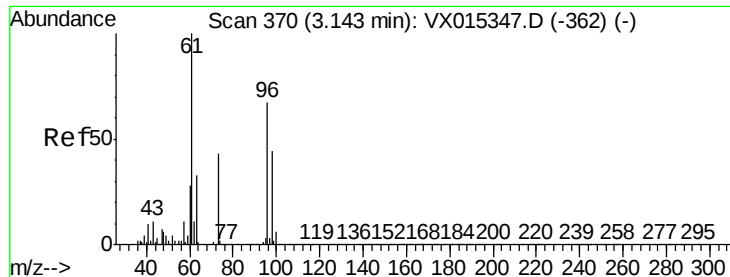
Tot Ion: 41 Resp: 337892
Ion Ratio Lower Upper
41 100
39 71.9 35.6 106.8
76 29.3 15.4 46.4



#18
Methylene Chloride
Concen: 19.067 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Tgt Ion: 84 Resp: 183825
Ion Ratio Lower Upper
84 100
49 134.0 107.0 160.4
51 39.7 33.4 50.0
86 62.3 52.6 79.0





#19

trans-1,2-Dichloroethene

Concen: 16.854 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

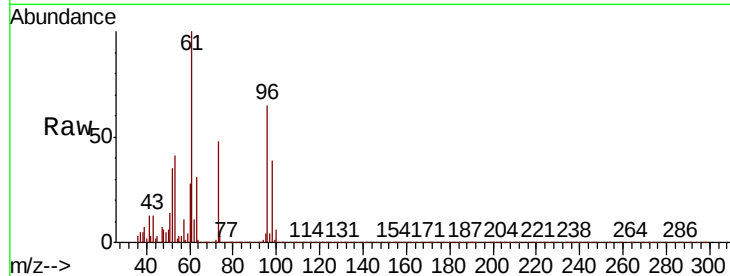
Tot Ion: 96 Resp: 156559

Ion Ratio Lower Upper

96 100

61 154.2 118.2 177.2

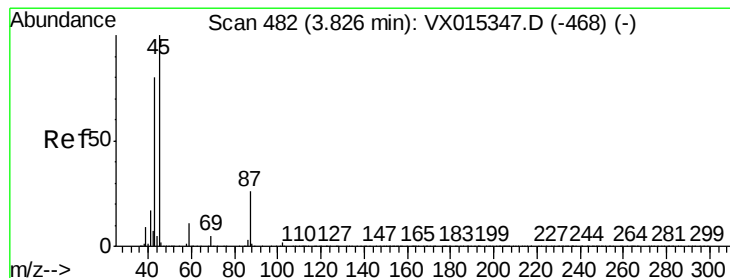
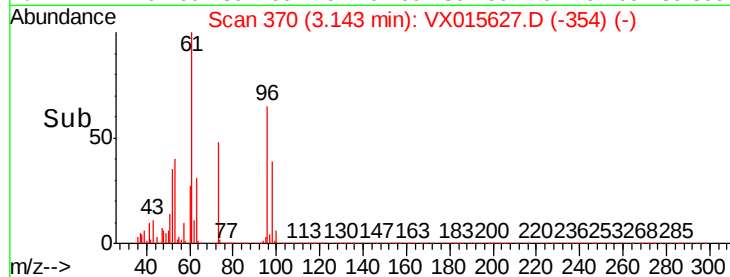
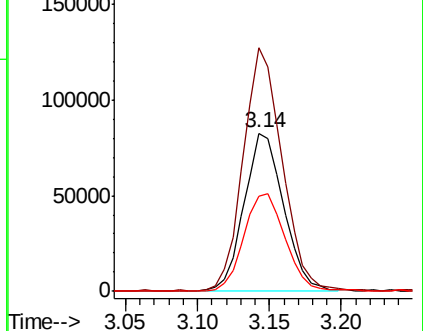
98 59.8 51.9 77.9



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 18.958 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Tgt Ion: 45 Resp: 659206

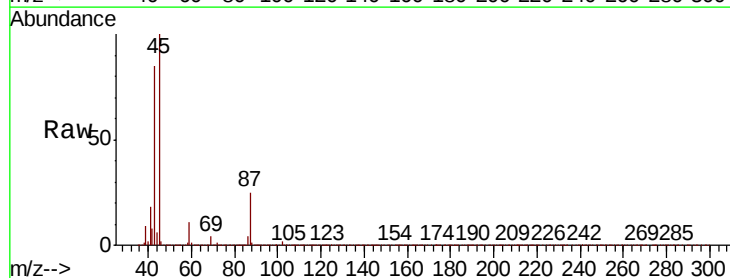
Ion Ratio Lower Upper

45 100

43 83.3 64.4 96.6

87 25.3 20.4 30.6

59 10.4 8.7 13.1

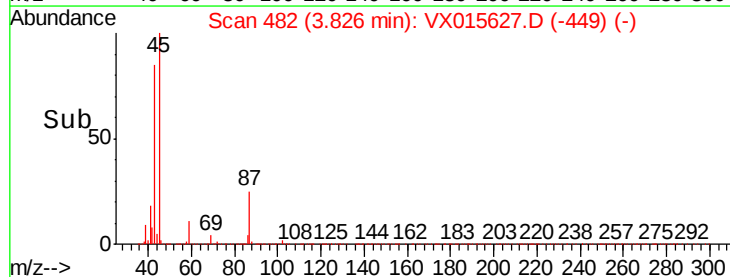
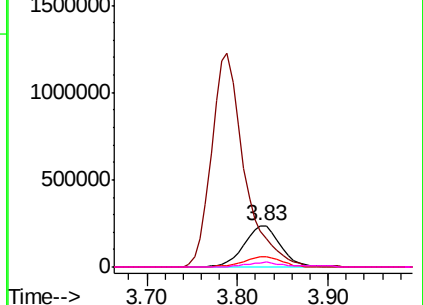


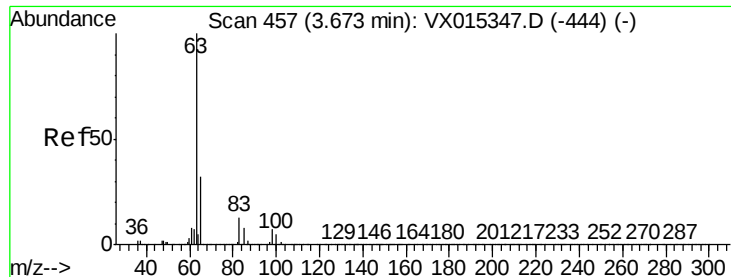
Abundance Ion 45.00 (44.70 to 45.70): VX0

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





#21

1,1-Dichloroethane

Concen: 18.297 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

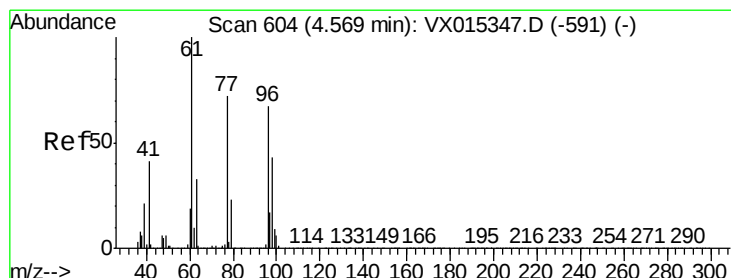
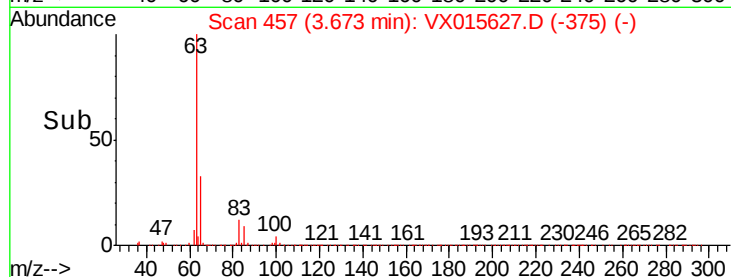
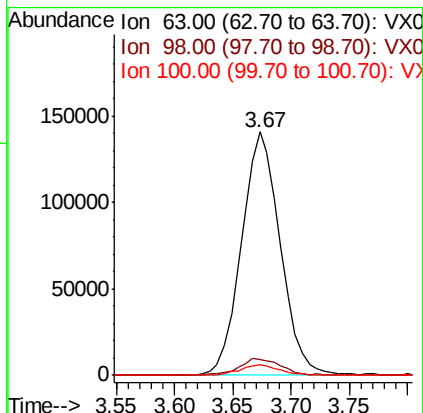
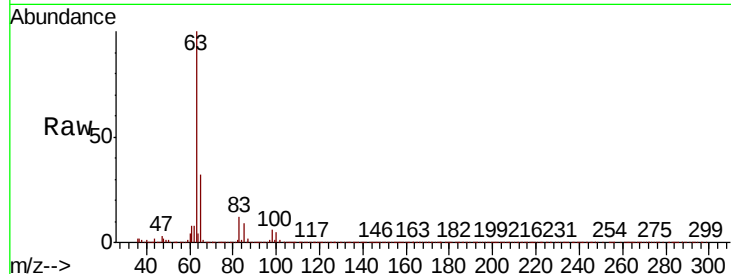
Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

Tot Ion:	63	Resp:	324768
Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.3	9.9
100	4.5	2.3	6.8



#22

cis-1,2-Dichloroethene

Concen: 18.565 ug/l

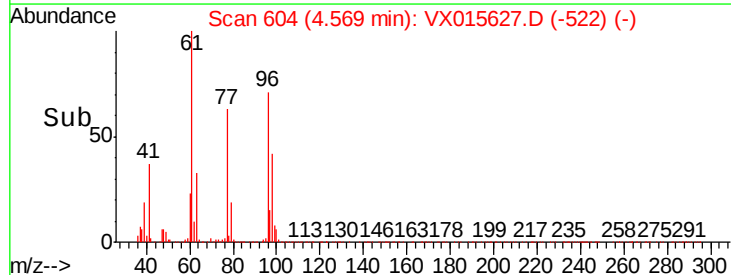
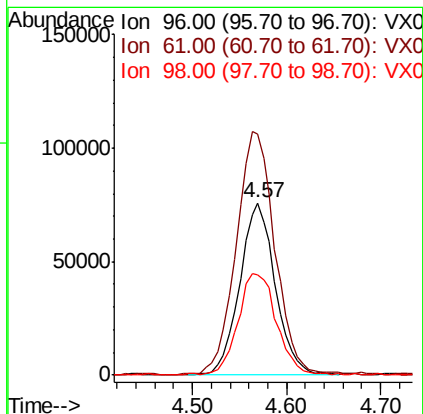
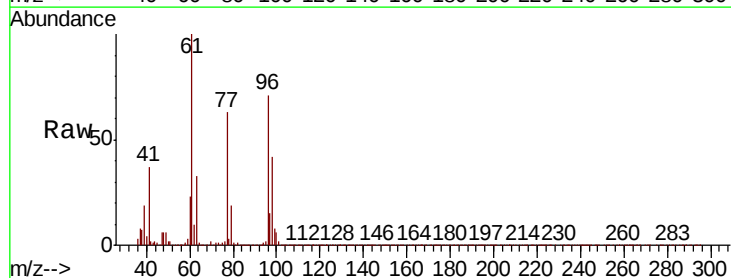
RT: 4.57 min Scan# 604

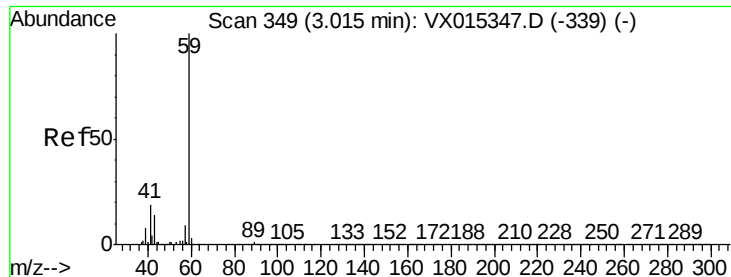
Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Tgt Ion:	96	Resp:	198676
Ion	Ratio	Lower	Upper
96	100		
61	154.3	127.2	190.8
98	63.3	51.8	77.6





#23

tert-Butyl Alcohol

Concen: 96.766 ug/l

RT: 3.01 min Scan# 348

Delta R.T. -0.01 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleID :

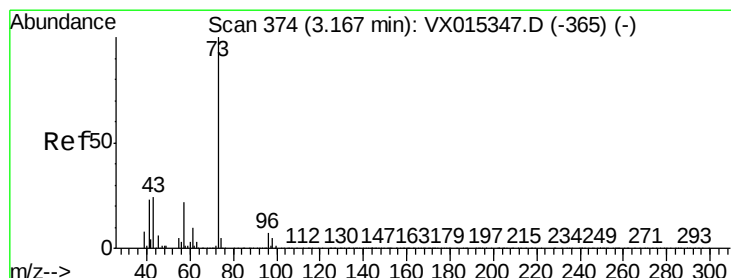
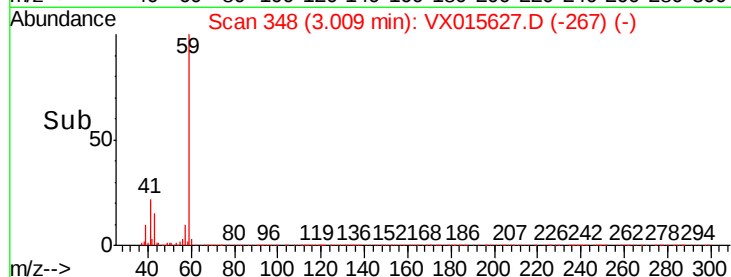
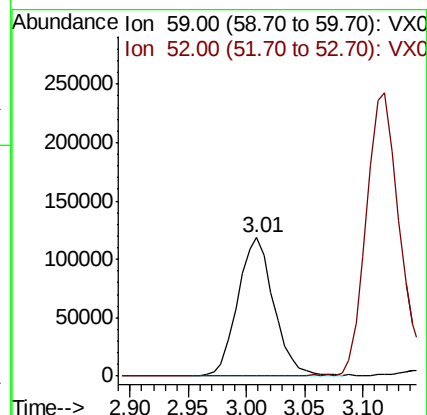
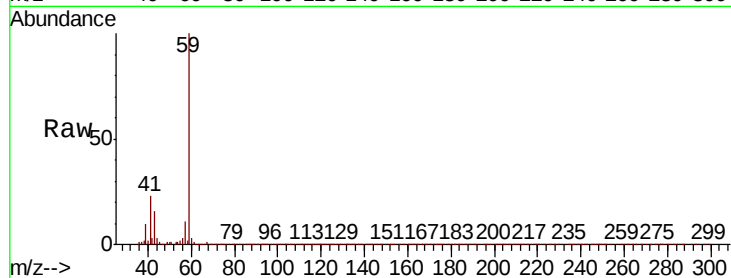
VX0410WBSD02

Tot Ion: 59 Resp: 256049

Ion Ratio Lower Upper

59 100

52 0.4 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 20.065 ug/l

RT: 3.17 min Scan# 374

Delta R.T. -0.00 min

Lab File: VX015627.D

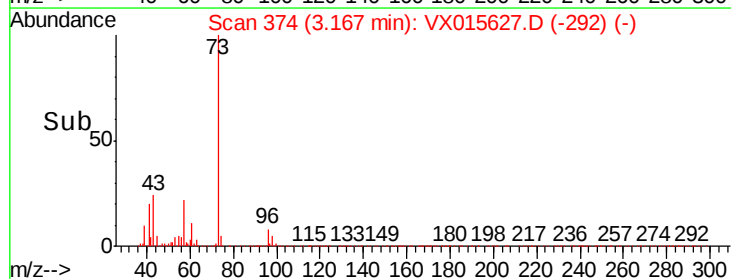
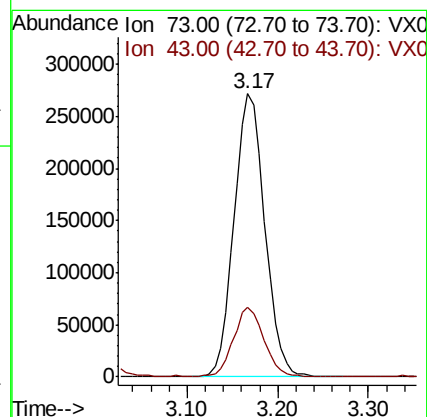
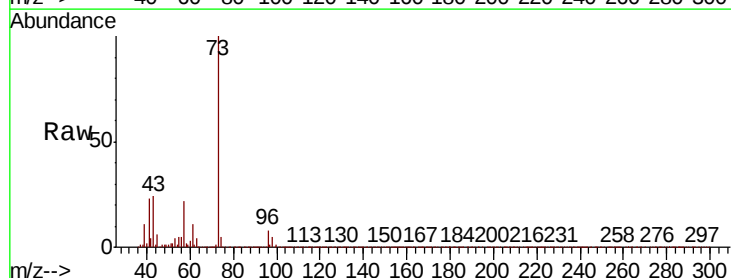
Acq: 10 Apr 2020 17:26

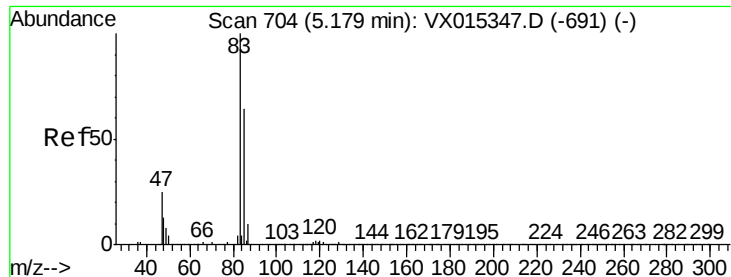
Tgt Ion: 73 Resp: 639740

Ion Ratio Lower Upper

73 100

43 23.8 19.2 28.8





#25

Chloroform

Concen: 18.773 ug/l

RT: 5.19 min Scan# 705

Delta R.T. 0.01 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

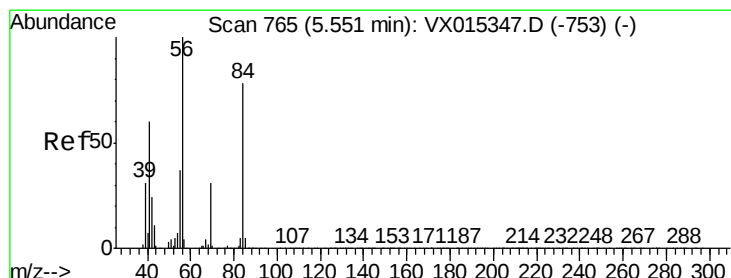
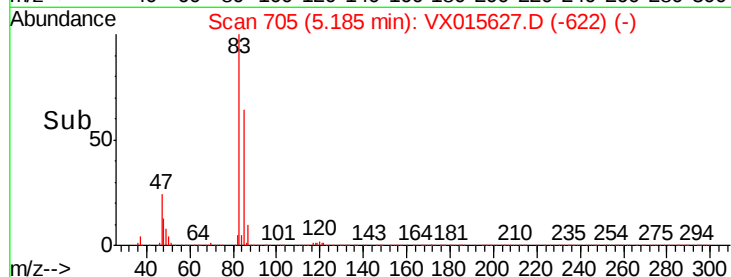
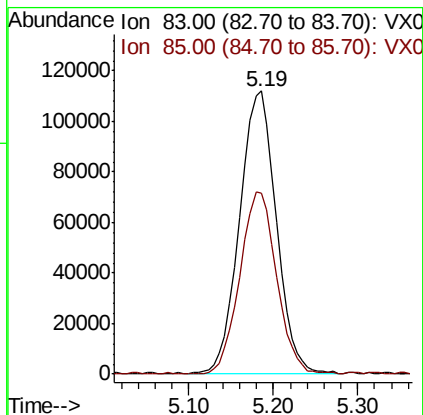
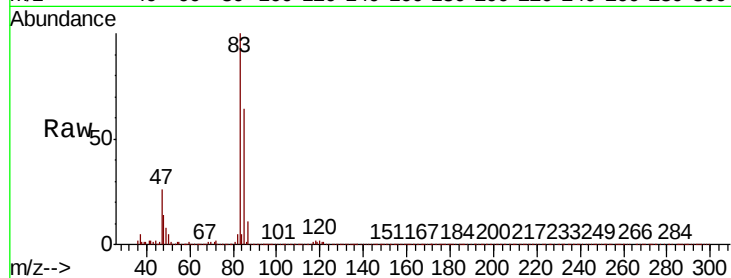
VX0410WBSD02

Tot Ion: 83 Resp: 329368

Ion Ratio Lower Upper

83 100

85 64.0 50.5 75.7



#26

Cyclohexane

Concen: 13.197 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

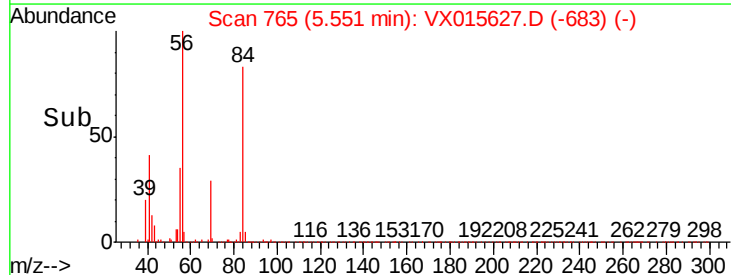
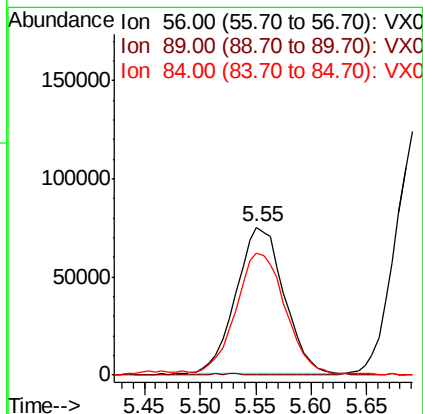
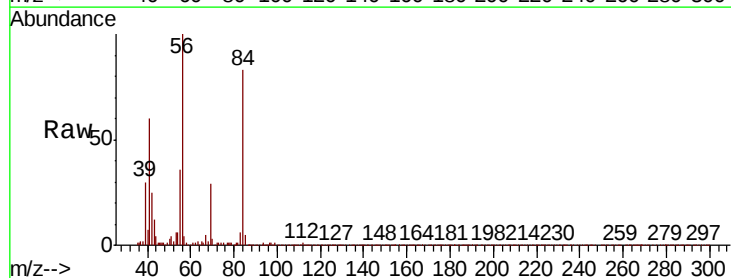
Tgt Ion: 56 Resp: 223813

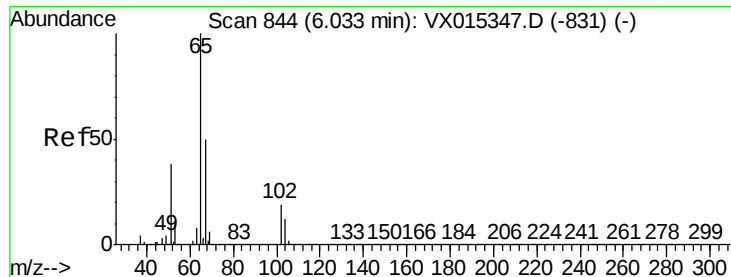
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 85.5 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 31.745 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

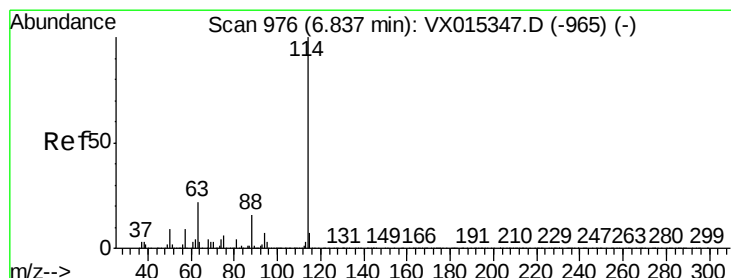
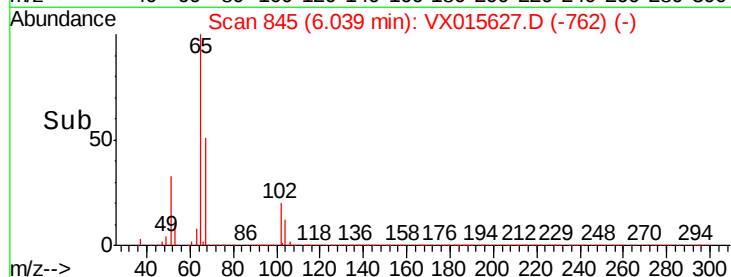
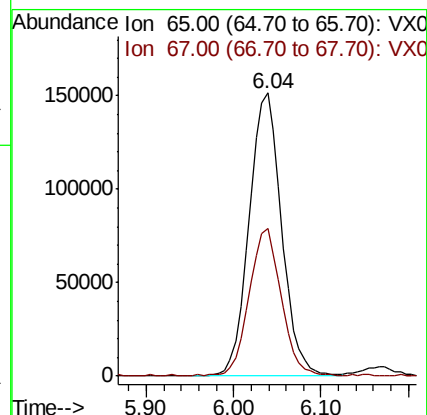
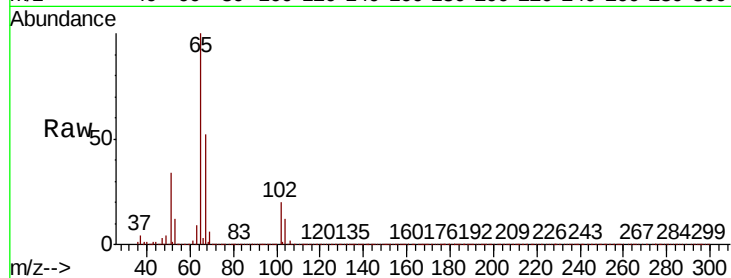
VX0410WBSD02

Tot Ion: 65 Resp: 391210

Ion Ratio Lower Upper

65 100

67 50.4 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

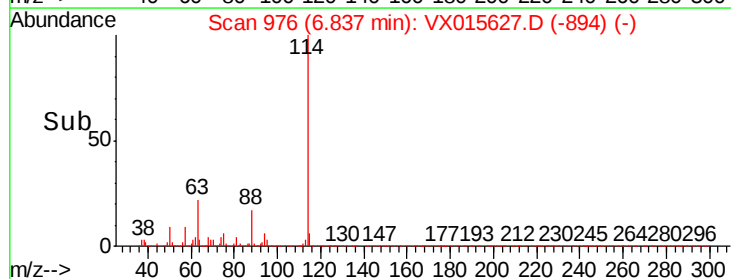
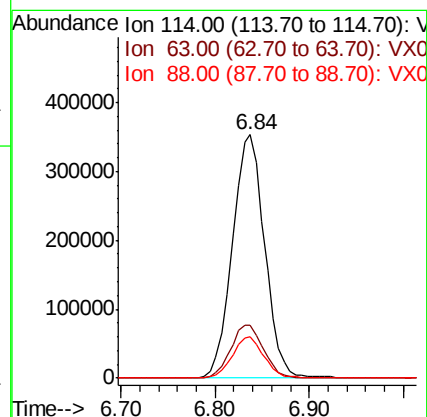
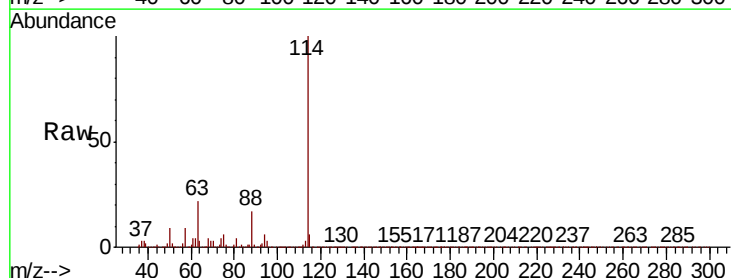
Tgt Ion: 114 Resp: 839624

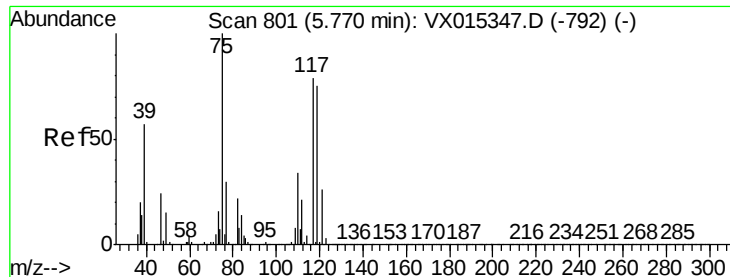
Ion Ratio Lower Upper

114 100

63 22.0 17.4 26.2

88 16.4 12.9 19.3





#29

1,1-Dichloropropene

Concen: 16.672 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

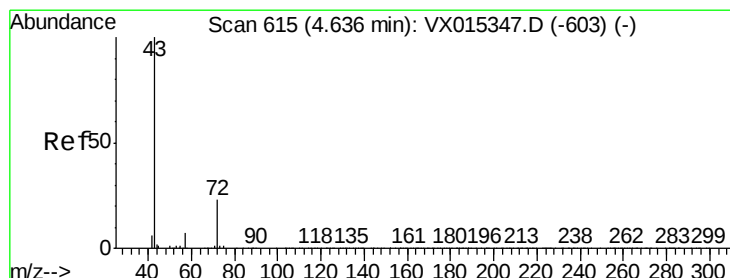
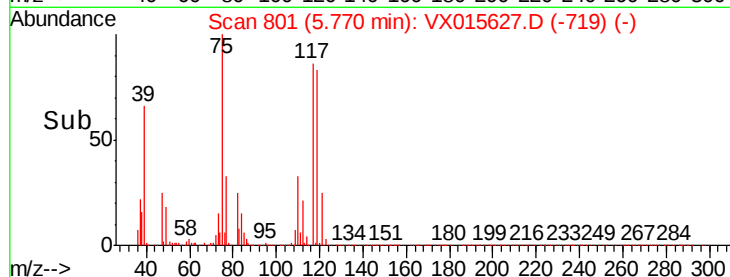
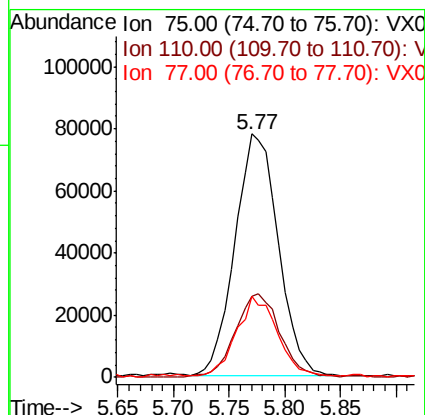
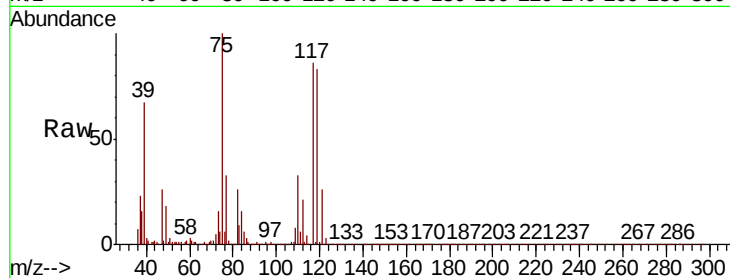
Tot Ion: 75 Resp: 210313

Ion Ratio Lower Upper

75 100

110 35.2 0.0 71.2

77 31.1 0.0 62.2



#30

2-Butanone

Concen: 113.957 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

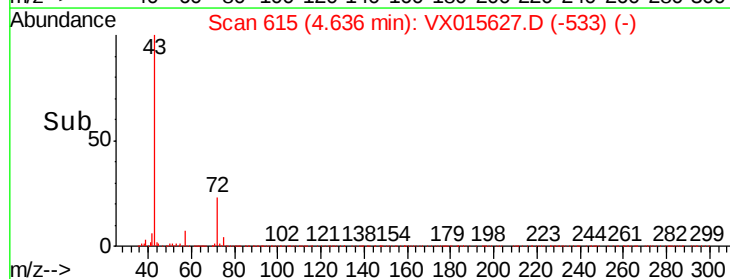
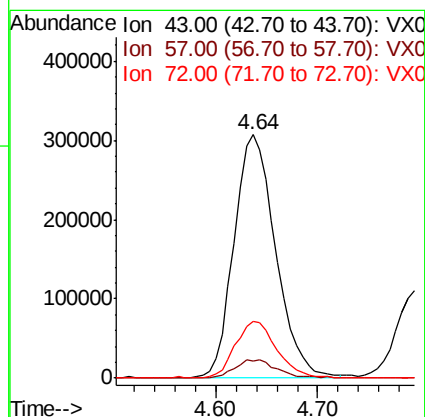
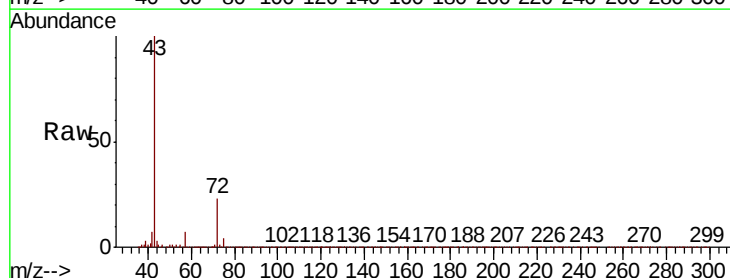
Tgt Ion: 43 Resp: 861743

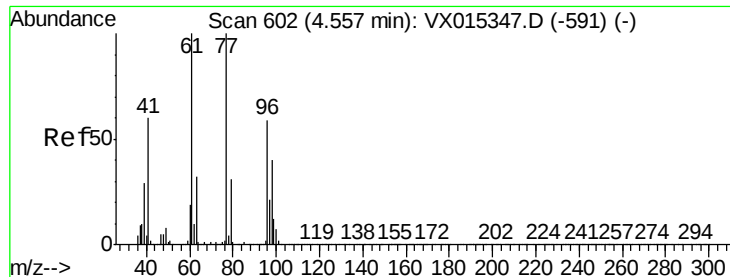
Ion Ratio Lower Upper

43 100

57 7.6 5.9 8.9

72 22.6 18.6 27.8





#31

2,2-Dichloropropane

Concen: 16.763 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

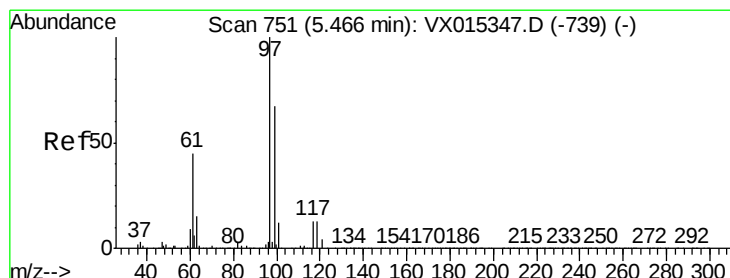
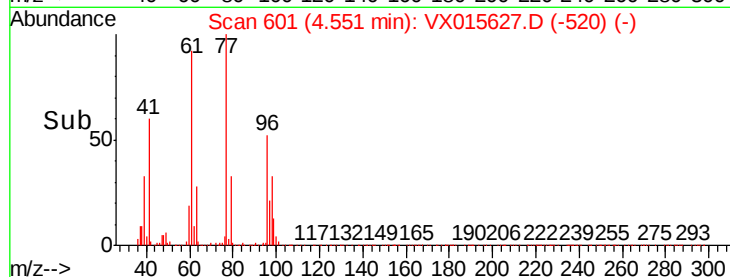
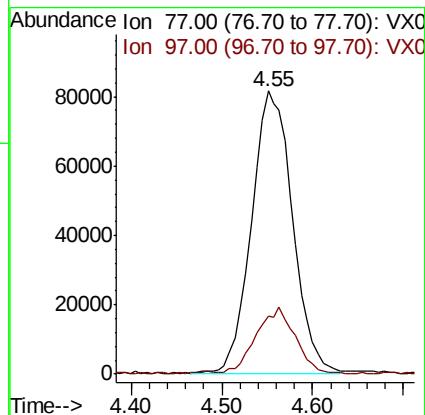
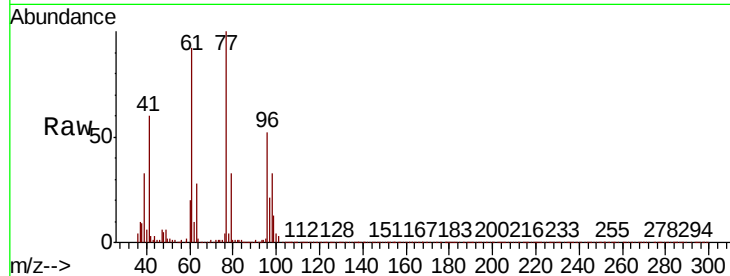
VX0410WBSD02

Tot Ion: 77 Resp: 254468

Ion Ratio Lower Upper

77 100

97 22.5 17.8 26.8



#32

1,1,1-Trichloroethane

Concen: 17.442 ug/l

RT: 5.47 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

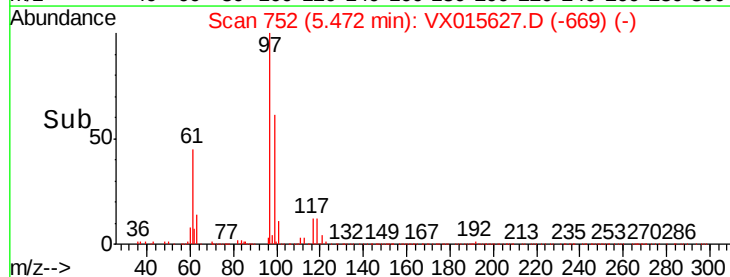
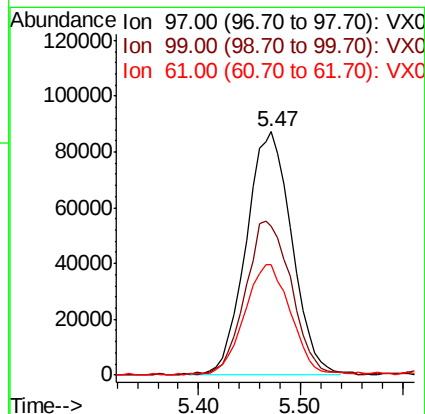
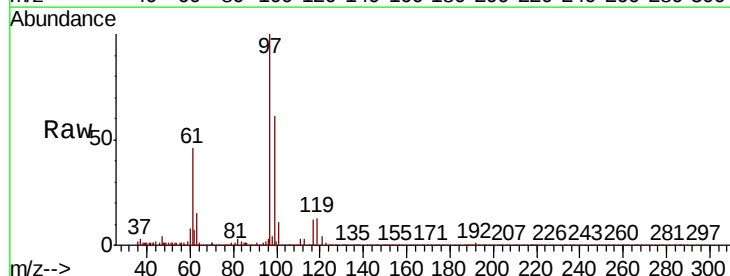
Tgt Ion: 97 Resp: 268450

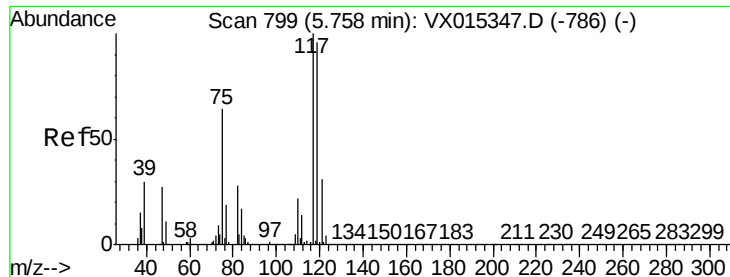
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 45.6 35.8 53.8





#33

Carbon Tetrachloride

Concen: 16.129 ug/l

RT: 5.76 min Scan# 799

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

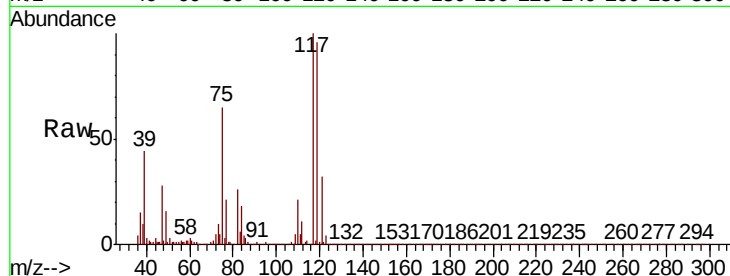
Tot Ion:117 Resp: 226217

Ion Ratio Lower Upper

117 100

119 96.2 76.6 114.8

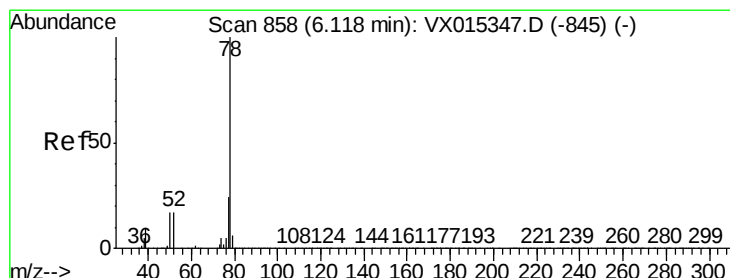
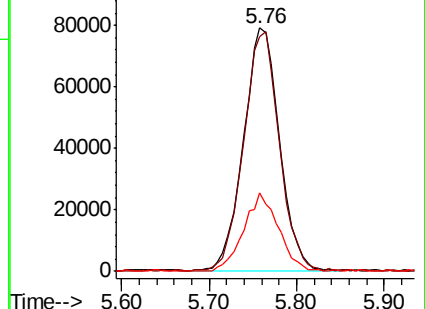
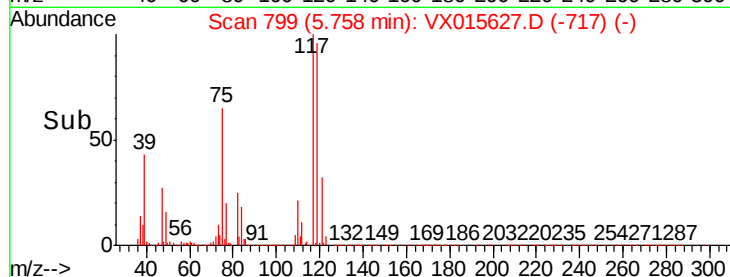
121 32.0 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.396 ug/l

RT: 6.12 min Scan# 858

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

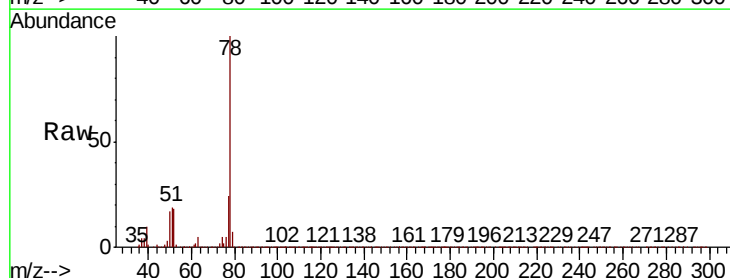
Tgt Ion: 78 Resp: 705166

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.2

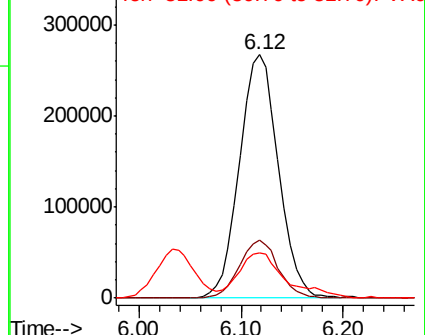
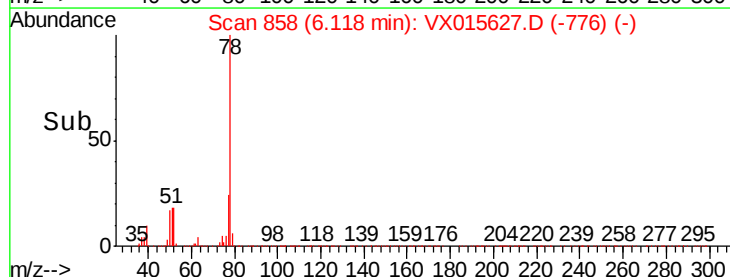
51 17.5 14.6 21.8

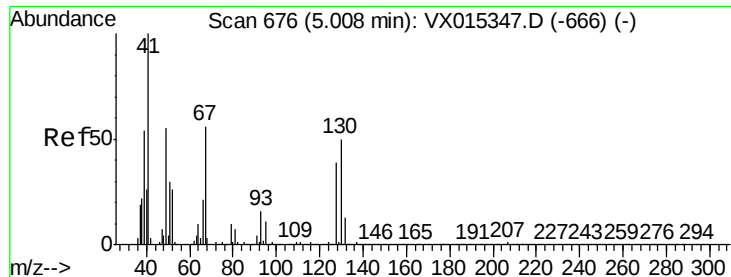


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

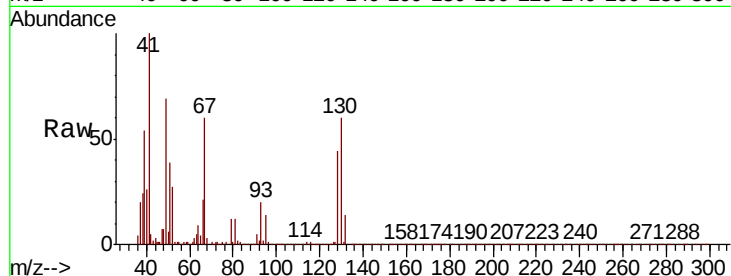




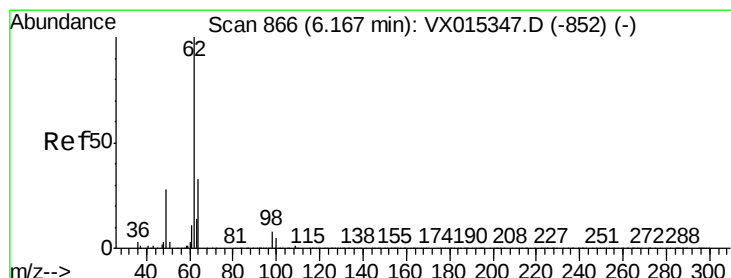
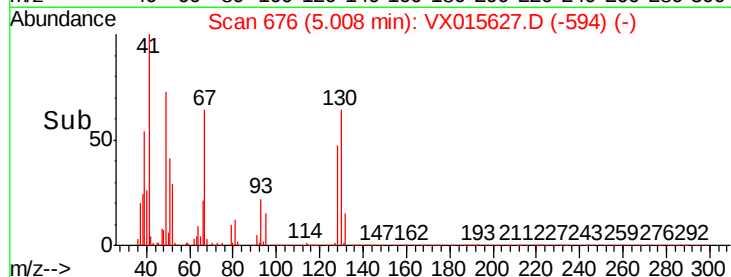
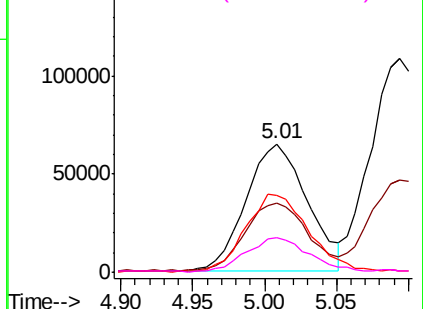
#35
Methacrylonitrile
Concen: 22.377 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

Tot Ion:	41	Resp:	191885
Ion	Ratio	Lower	Upper
41	100		
39	53.1	27.0	81.0
67	60.1	28.2	84.6
52	27.2	12.8	38.3

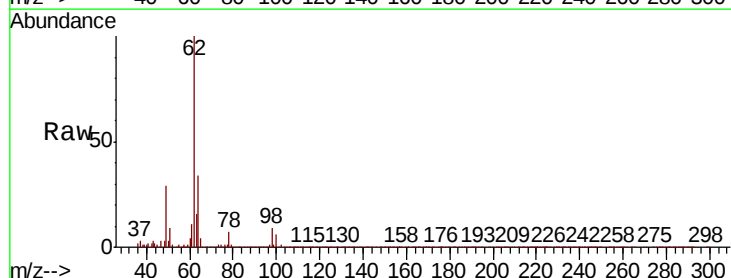


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

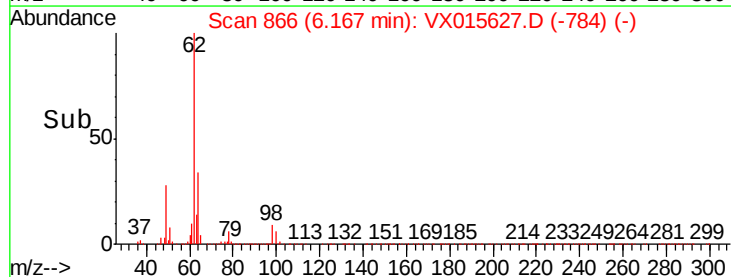
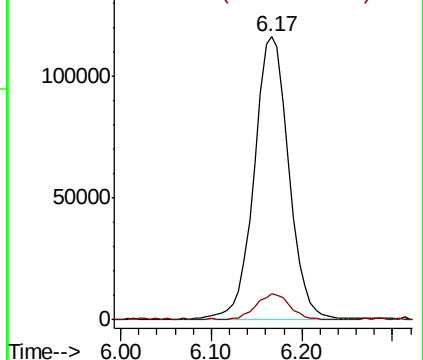


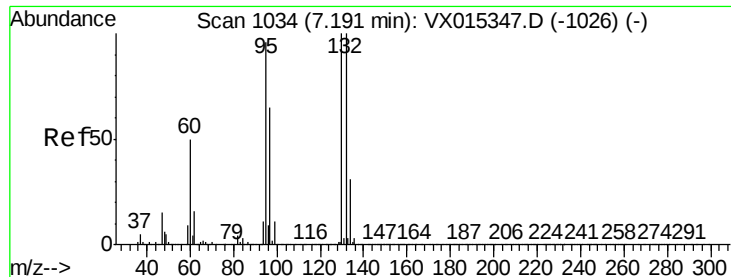
#36
1,2-Dichloroethane
Concen: 21.977 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Tgt Ion:	62	Resp:	308749
Ion	Ratio	Lower	Upper
62	100		
98	9.1	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 18.262 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

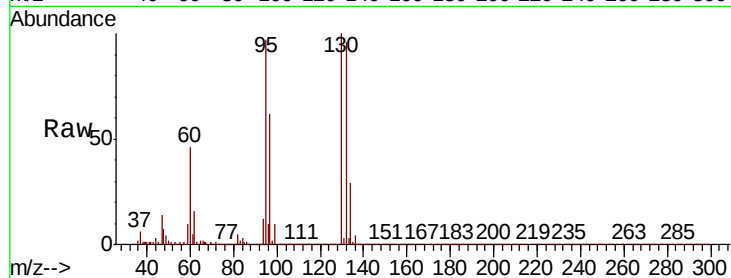
VX0410WBSD02

Tot Ion:130 Resp: 186947

Ion Ratio Lower Upper

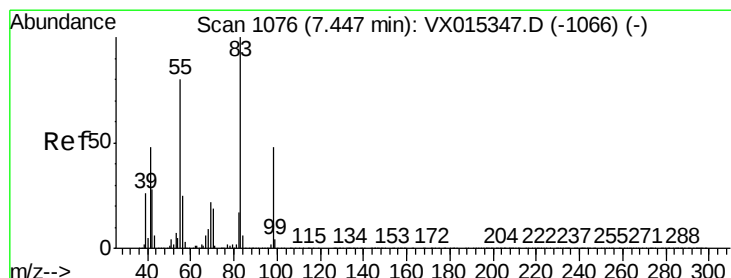
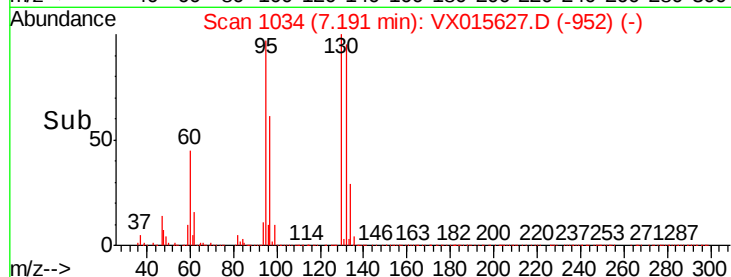
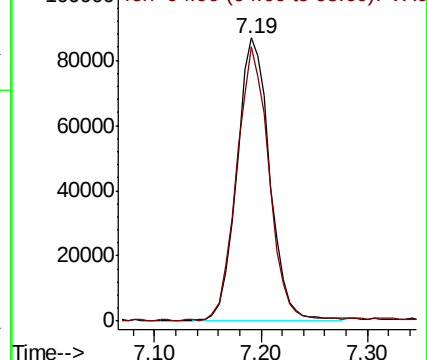
130 100

95 96.6 76.4 114.6



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 13.919 ug/l

RT: 7.45 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

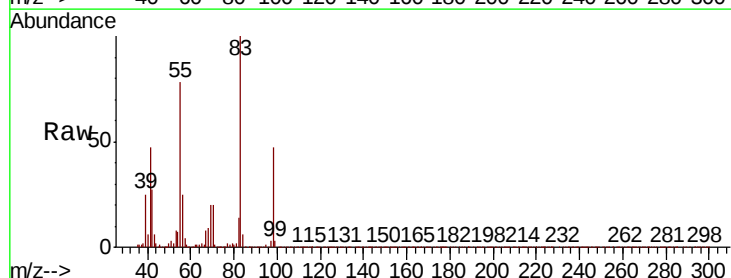
Tgt Ion: 83 Resp: 215236

Ion Ratio Lower Upper

83 100

55 83.4 41.3 124.1

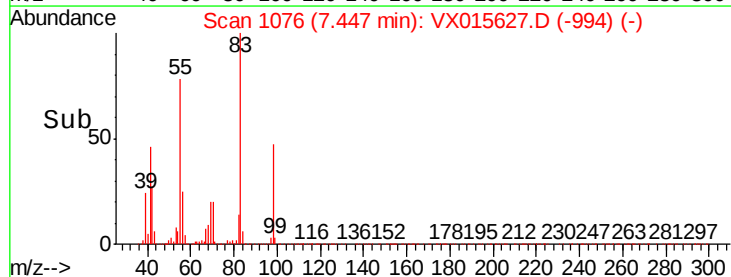
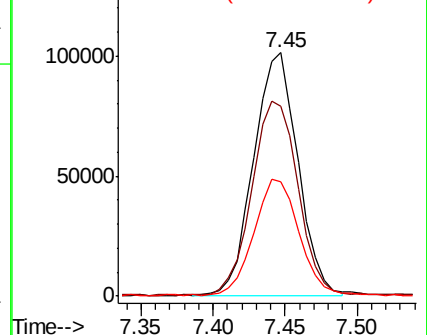
98 49.4 24.0 72.0

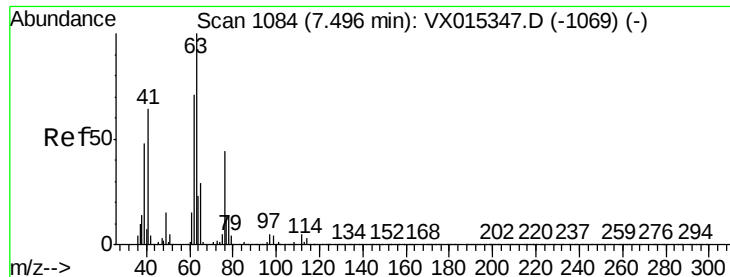


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 19.903 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

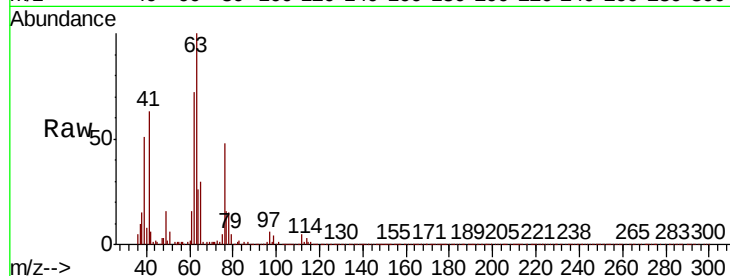
VX0410WBSD02

Tot Ion: 63 Resp: 194357

Ion Ratio Lower Upper

63 100

65 30.3 23.0 34.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

7.50

100000

80000

60000

40000

20000

0

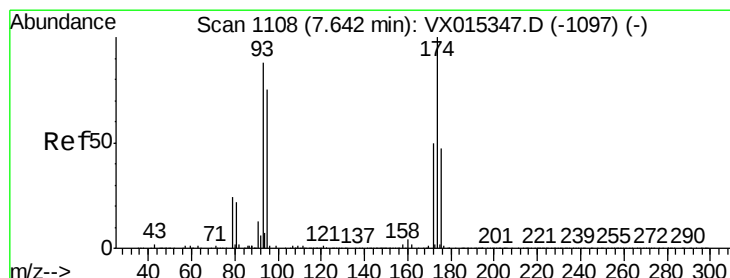
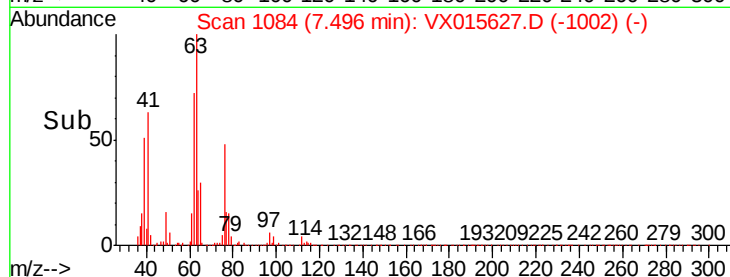
Time-->

7.40

7.45

7.50

7.55



#40

Dibromomethane

Concen: 20.443 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

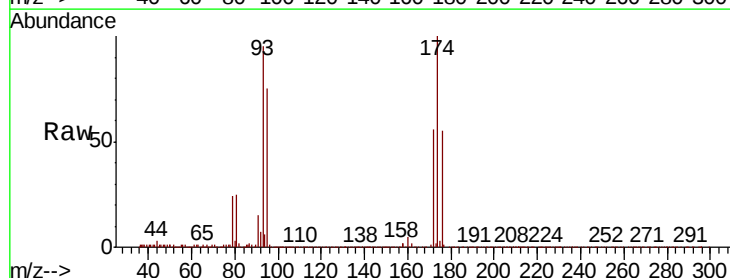
Tgt Ion: 93 Resp: 132879

Ion Ratio Lower Upper

93 100

95 82.2 0.0 166.4

174 111.4 0.0 225.4



Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

100000

80000

60000

40000

20000

0

Time-->

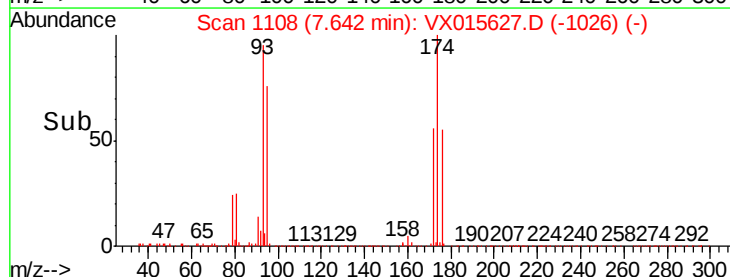
7.55

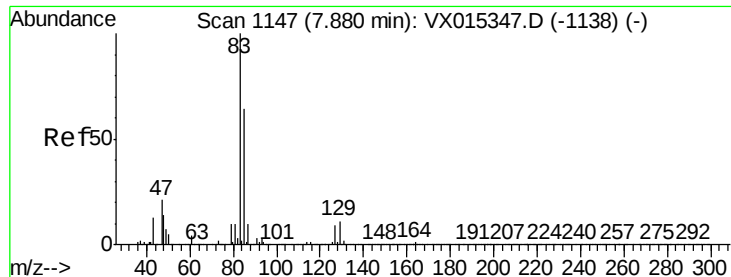
7.60

7.65

7.70

7.75





#41

Bromodichloromethane

Concen: 19.255 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

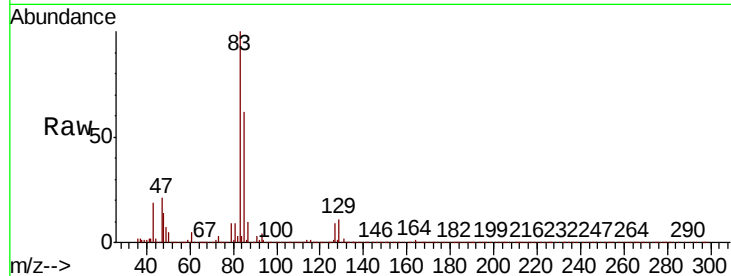
Tot Ion: 83 Resp: 272004

Ion Ratio Lower Upper

83 100

85 62.2 51.6 77.4

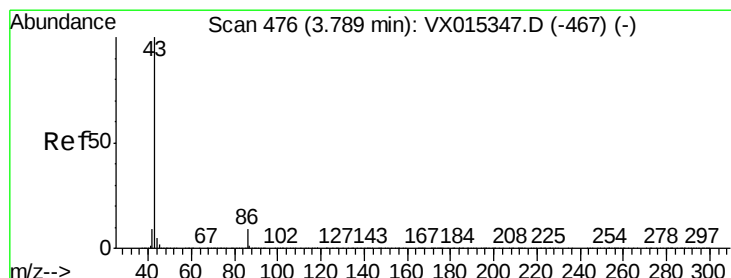
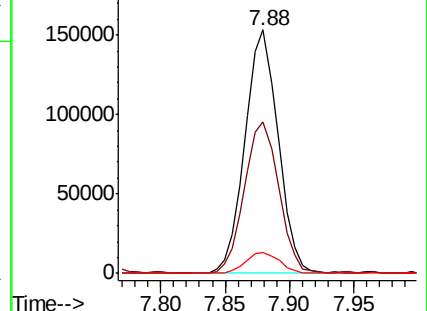
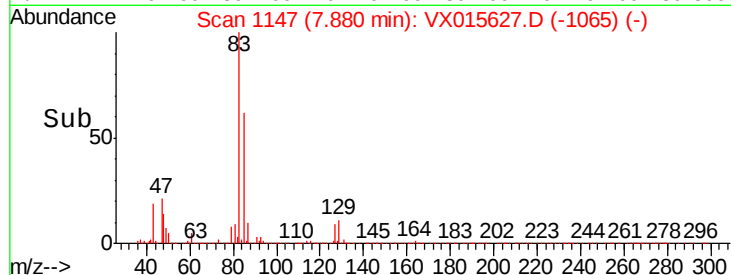
127 8.7 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 108.877 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015627.D

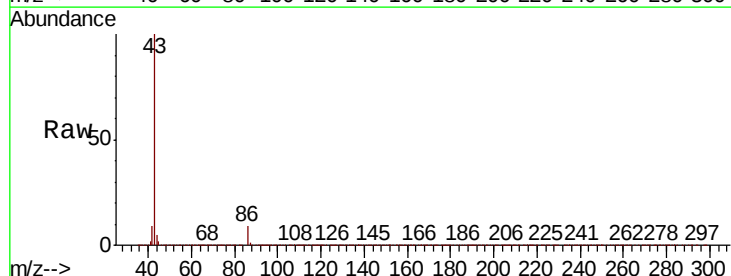
Acq: 10 Apr 2020 17:26

Tgt Ion: 43 Resp: 3119587

Ion Ratio Lower Upper

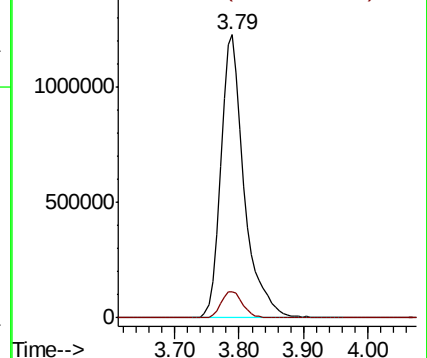
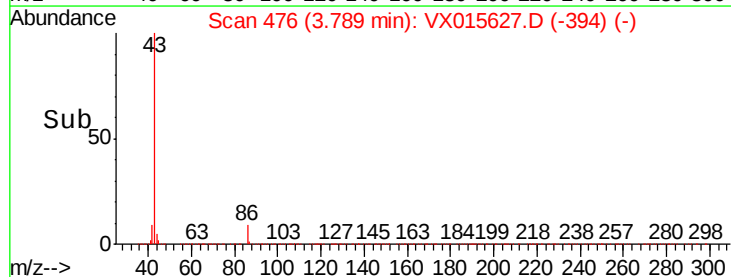
43 100

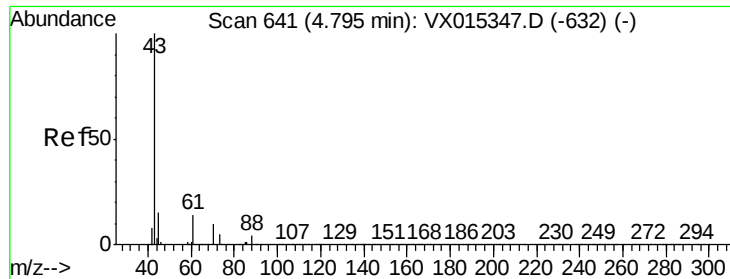
86 8.7 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

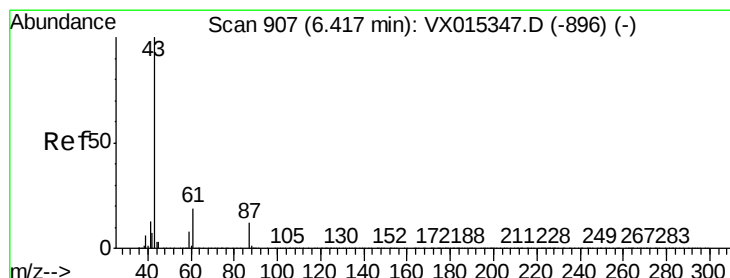
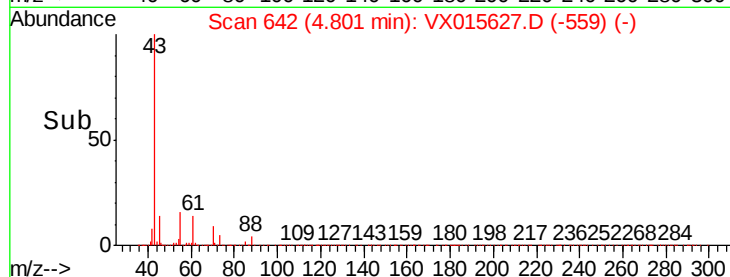
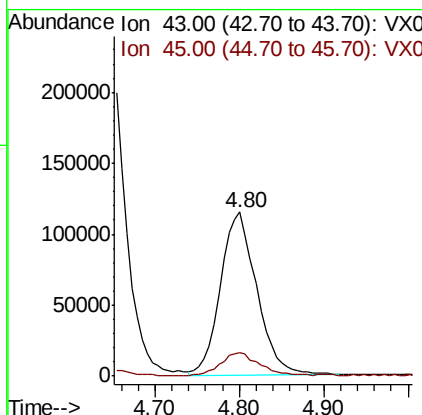
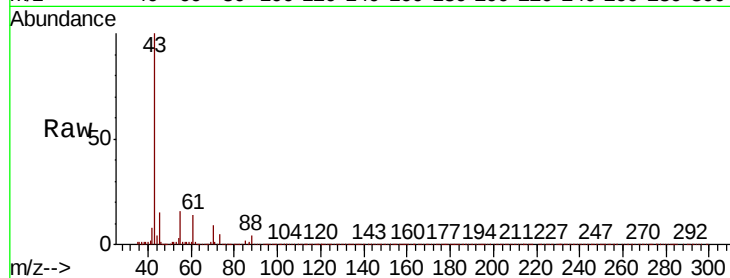




#43
Ethyl Acetate
Concen: 20.585 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

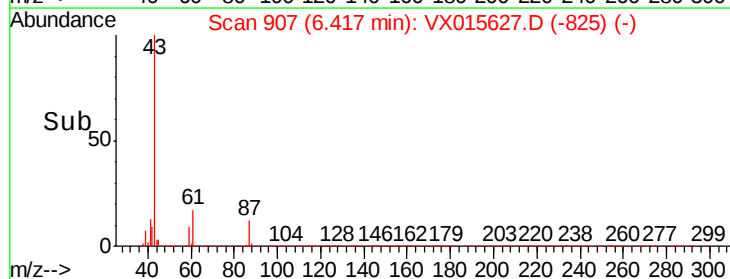
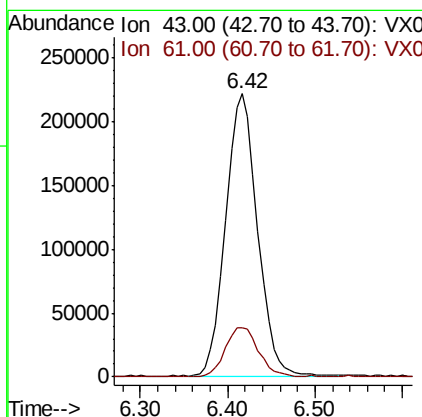
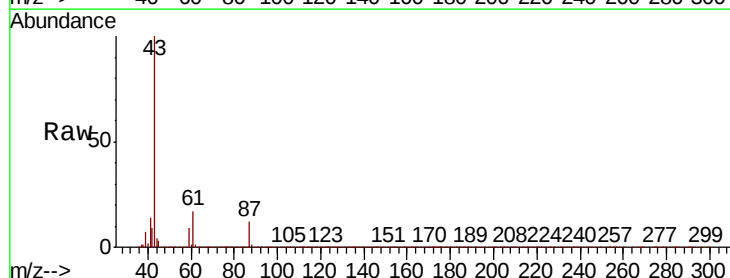
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

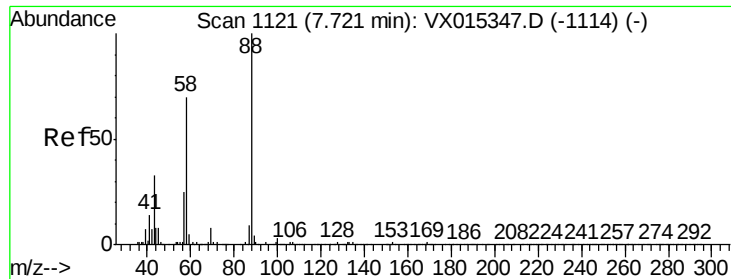
Tot Ion: 43 Resp: 338612
Ion Ratio Lower Upper
43 100
45 14.8 12.2 18.4



#44
Isopropyl Acetate
Concen: 21.118 ug/l
RT: 6.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Tgt Ion: 43 Resp: 559042
Ion Ratio Lower Upper
43 100
61 18.0 14.6 22.0

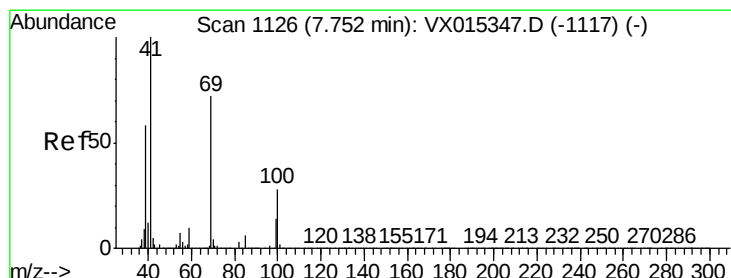
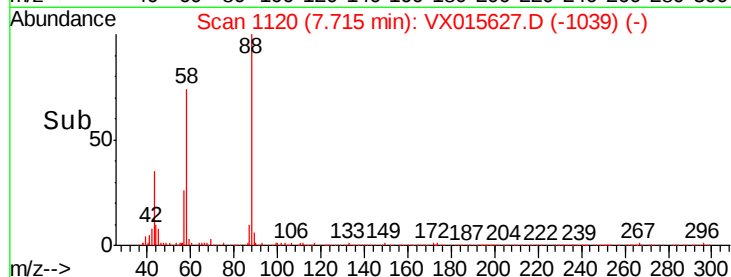
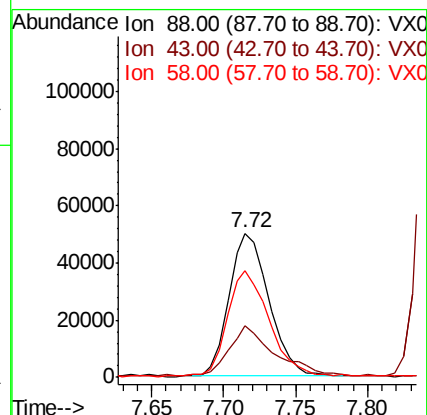
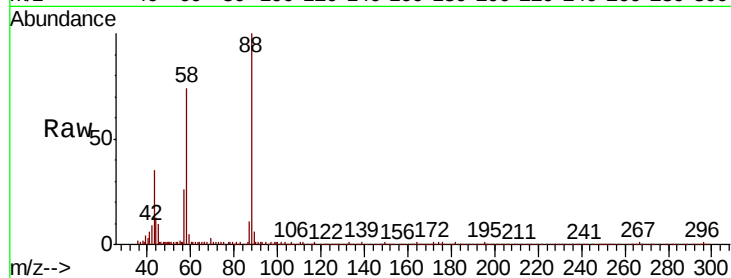




#45
 1,4-Dioxane
 Concen: 396.366 ug/l
 RT: 7.72 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: VX015627.D
 Acq: 10 Apr 2020 17:26

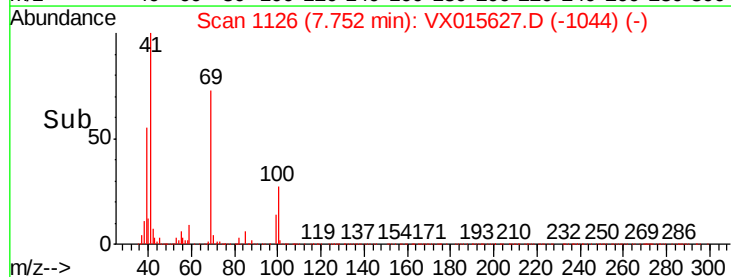
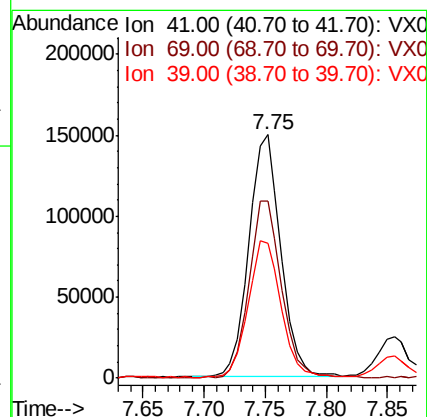
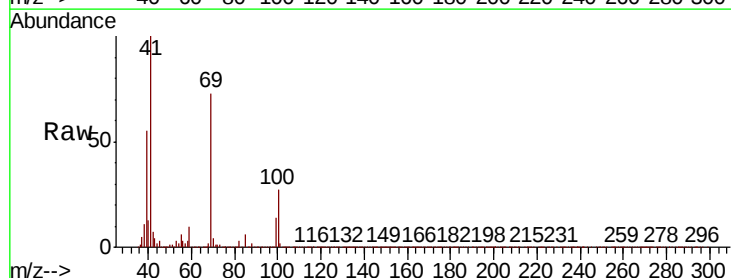
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

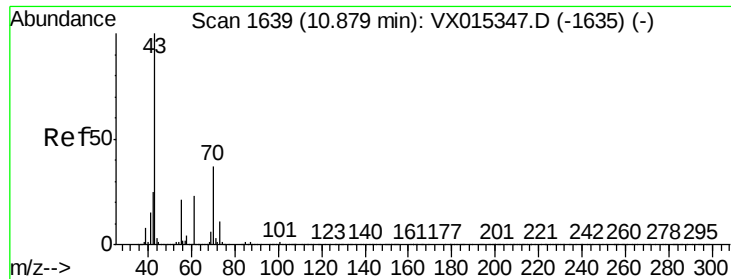
Tot Ion: 88 Resp: 96661
 Ion Ratio Lower Upper
 88 100
 43 38.8 32.1 48.1
 58 77.5 59.4 89.0



#46
 Methyl methacrylate
 Concen: 20.708 ug/l
 RT: 7.75 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: VX015627.D
 Acq: 10 Apr 2020 17:26

Tgt Ion: 41 Resp: 273558
 Ion Ratio Lower Upper
 41 100
 69 72.7 35.8 107.4
 39 55.4 28.9 86.8

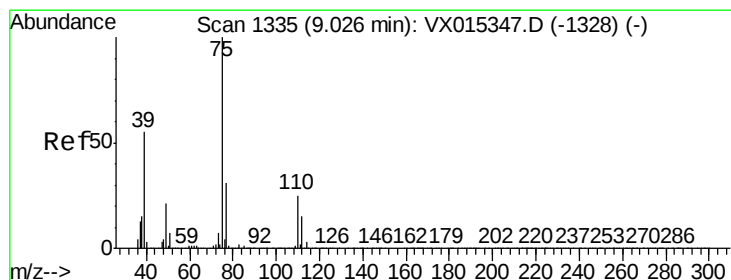
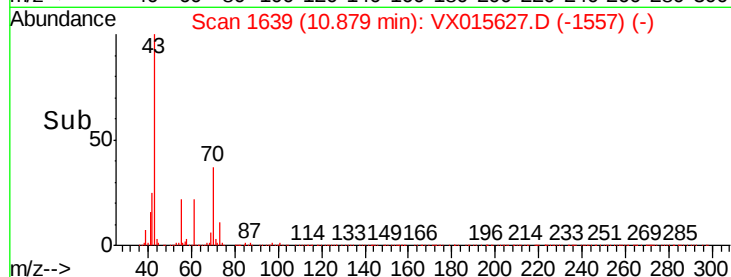
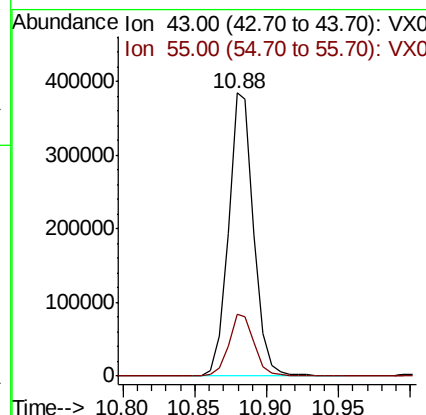
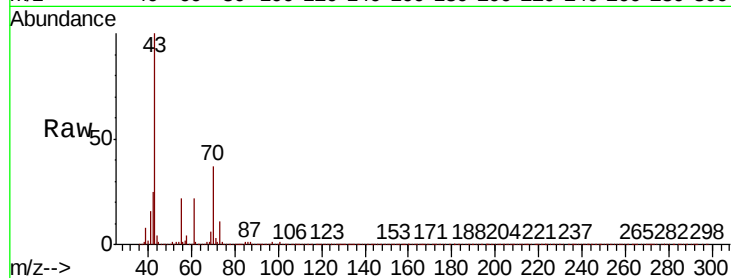




#47
n-amvl Acetate
Concen: 20.692 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

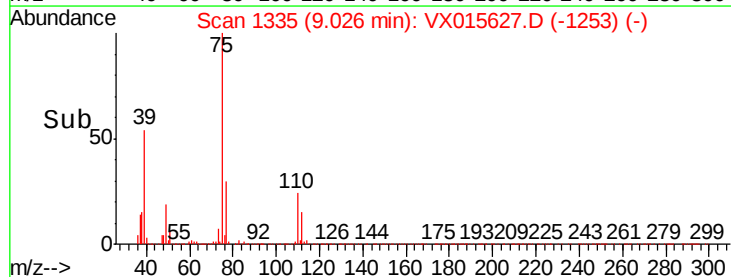
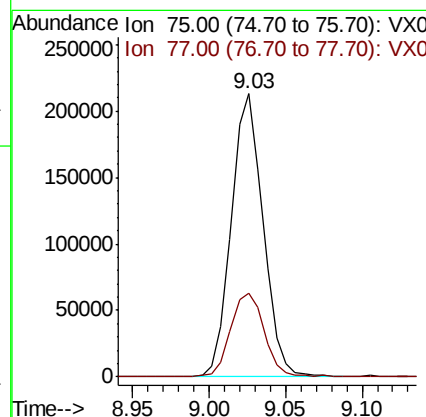
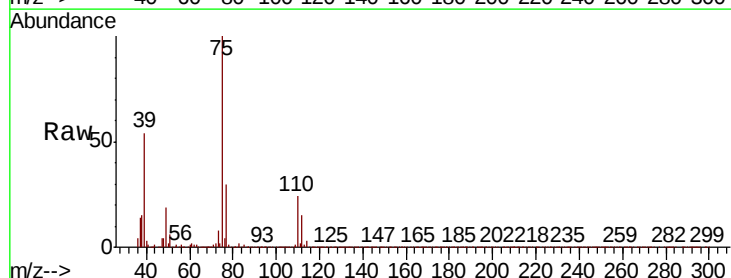
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

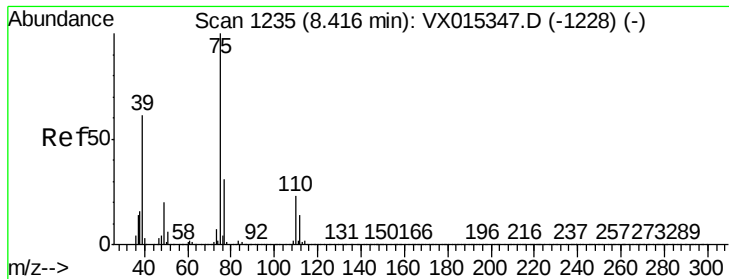
Tot Ion: 43 Resp: 472297
Ion Ratio Lower Upper
43 100
55 22.1 17.0 25.6



#48
t-1,3-Dichloropropene
Concen: 18.749 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Tgt Ion: 75 Resp: 305743
Ion Ratio Lower Upper
75 100
77 29.6 24.6 37.0



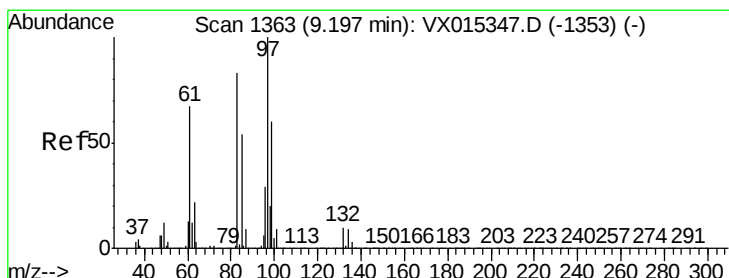
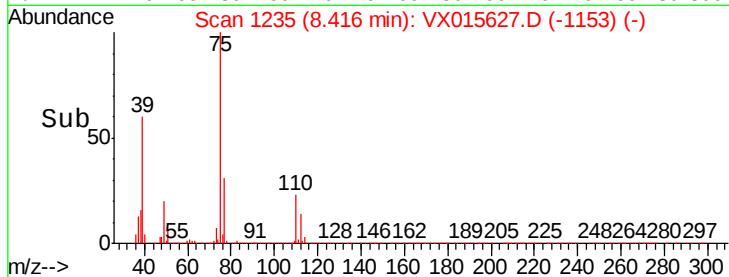
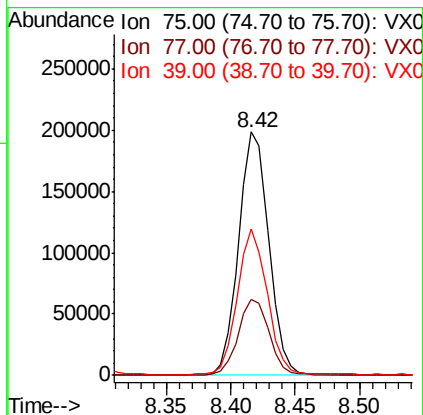
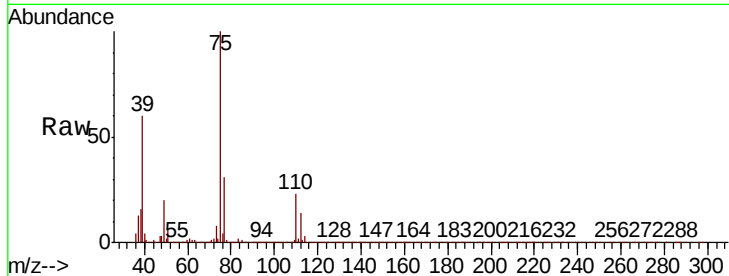


#49

cis-1,3-Dichloropropene
 Concen: 19.125 ug/l
 RT: 8.42 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX015627.D
 Acq: 10 Apr 2020 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

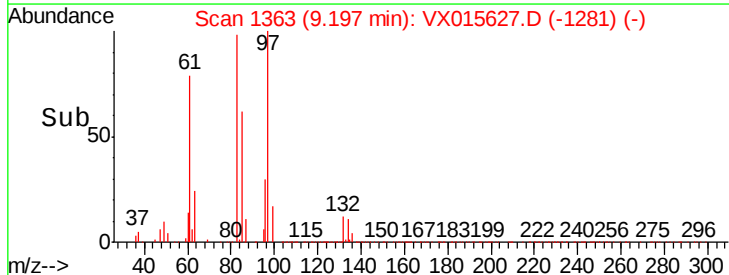
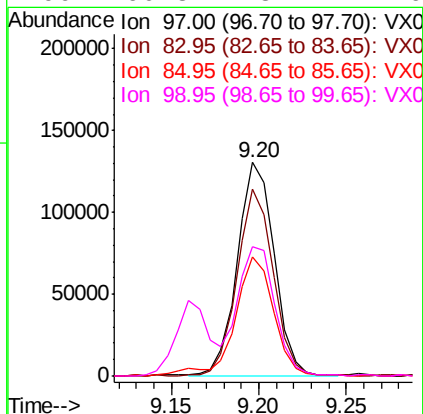
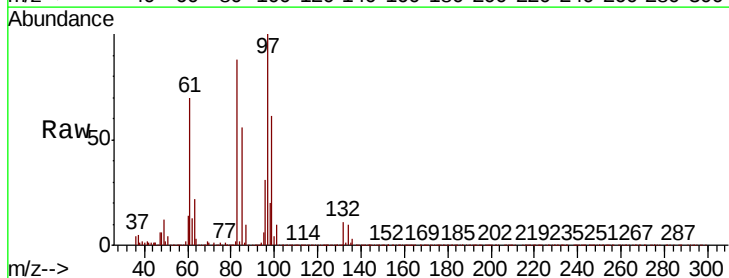
Tot Ion:	75	Resp:	321915
Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.6	36.8
39	60.1	48.9	73.3

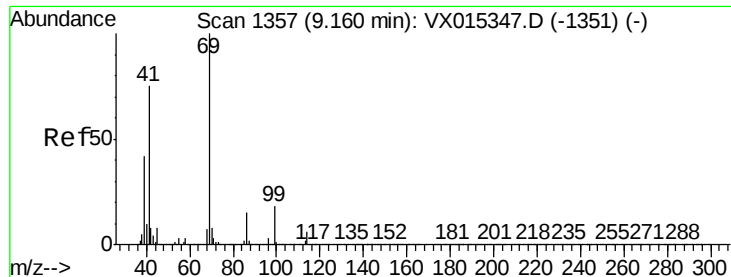


#50

1,1,2-Trichloroethane
 Concen: 20.503 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015627.D
 Acq: 10 Apr 2020 17:26

Tgt Ion:	97	Resp:	191254
Ion	Ratio	Lower	Upper
97	100		
83	87.7	66.8	100.2
85	55.5	43.3	64.9
99	60.8	48.4	72.6





#51

Ethyl methacrylate

Concen: 20.123 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

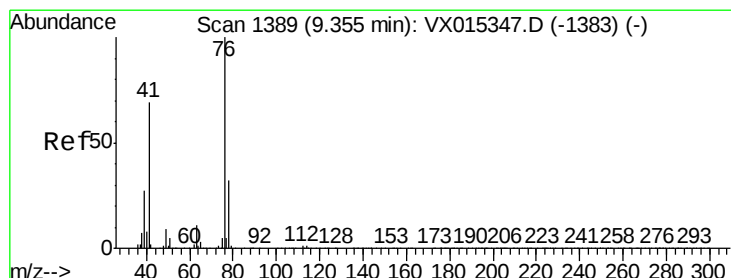
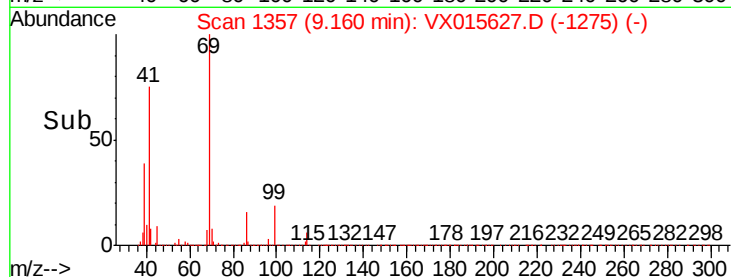
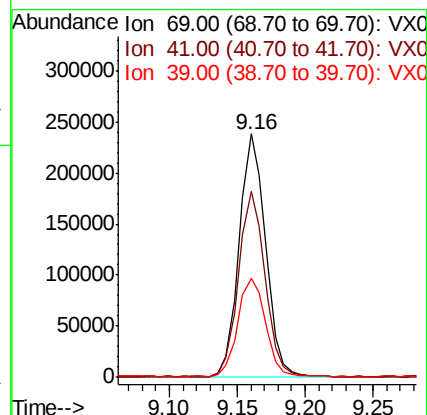
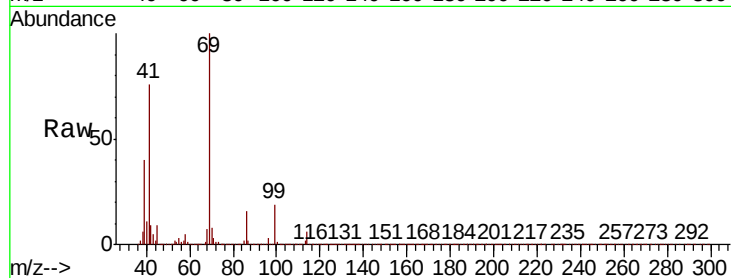
Tot Ion: 69 Resp: 322831

Ion Ratio Lower Upper

69 100

41 76.0 37.4 112.2

39 40.0 21.1 63.1



#52

1,3-Dichloropropane

Concen: 20.944 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015627.D

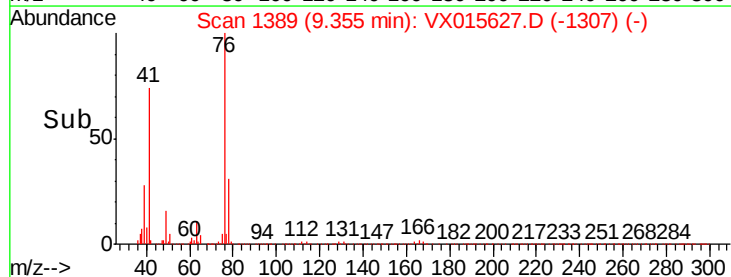
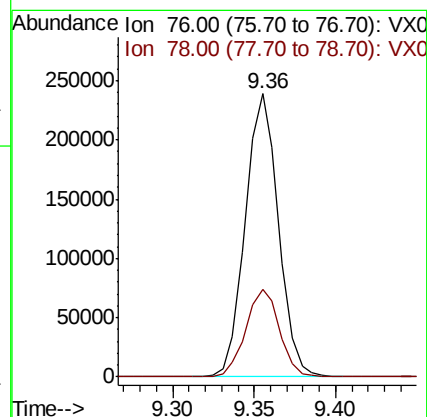
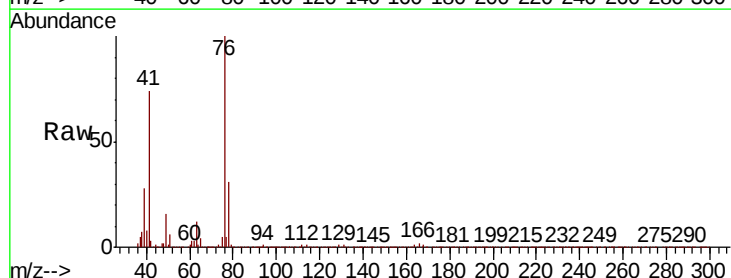
Acq: 10 Apr 2020 17:26

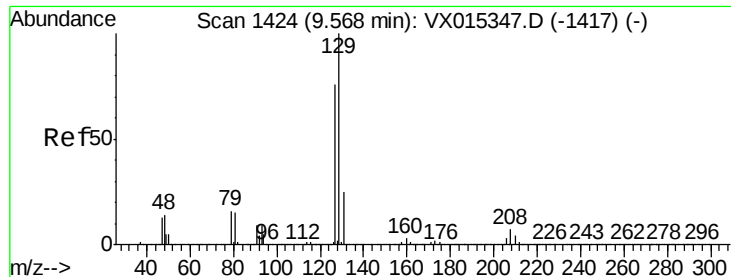
Tgt Ion: 76 Resp: 337447

Ion Ratio Lower Upper

76 100

78 31.6 0.0 63.2





#53

Dibromochloromethane

Concen: 19.184 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

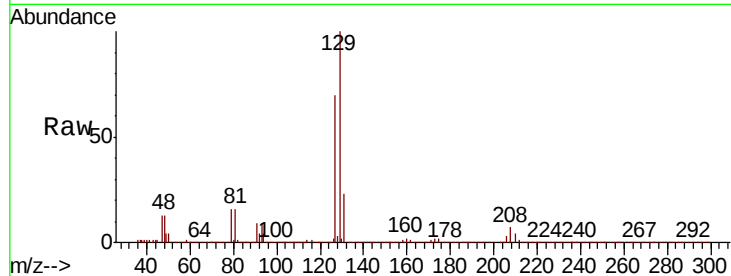
VX0410WBSD02

Tot Ion:129 Resp: 220588

Ion Ratio Lower Upper

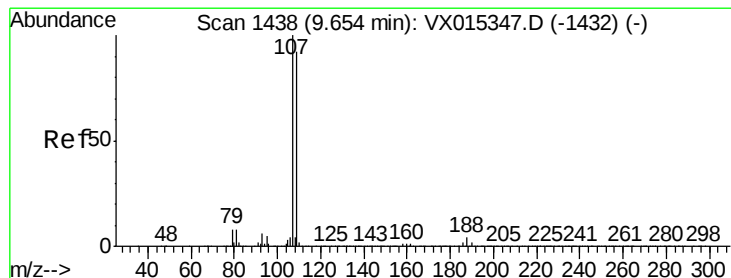
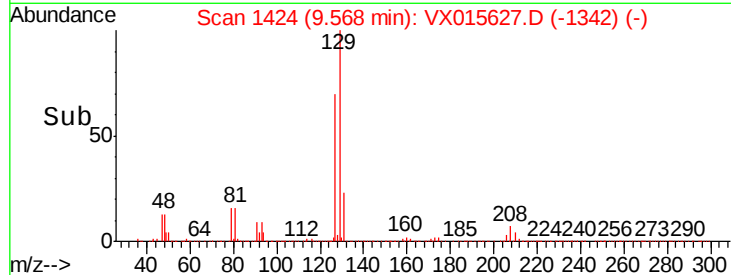
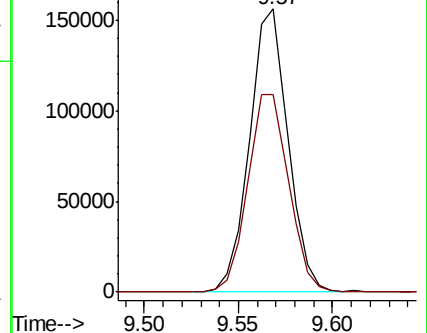
129 100

127 74.4 38.6 115.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.607 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015627.D

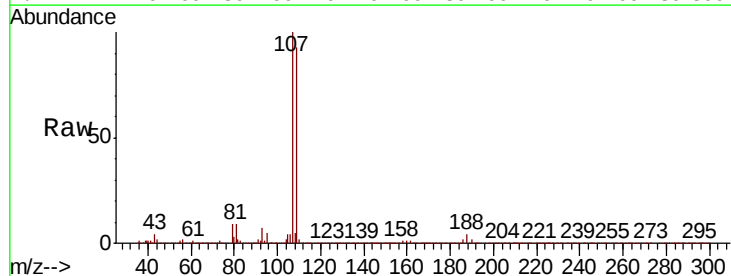
Acq: 10 Apr 2020 17:26

Tgt Ion:107 Resp: 206256

Ion Ratio Lower Upper

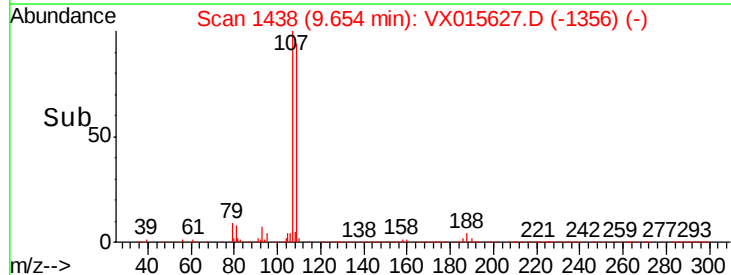
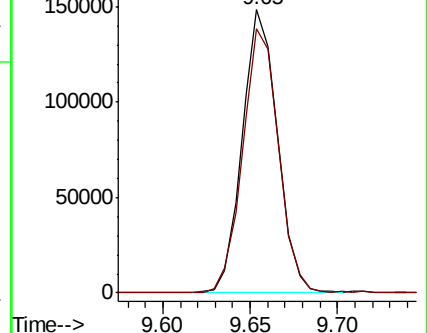
107 100

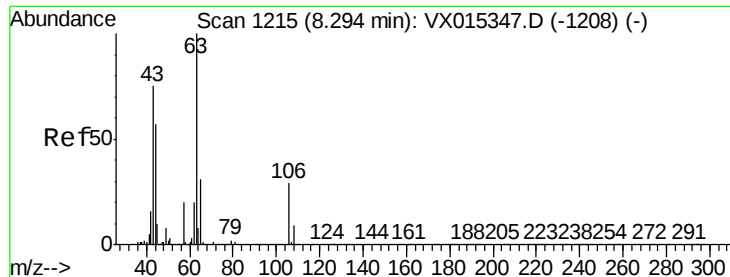
109 95.3 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 111.404 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

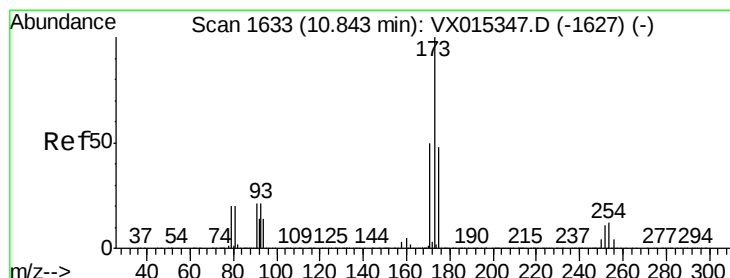
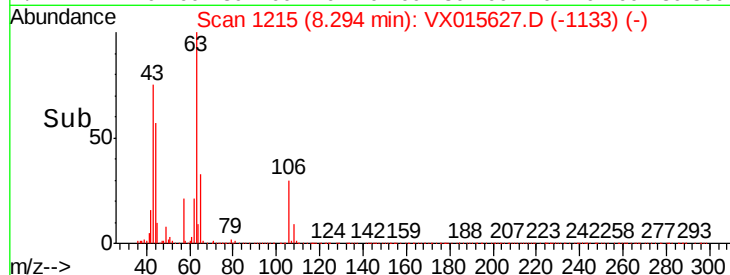
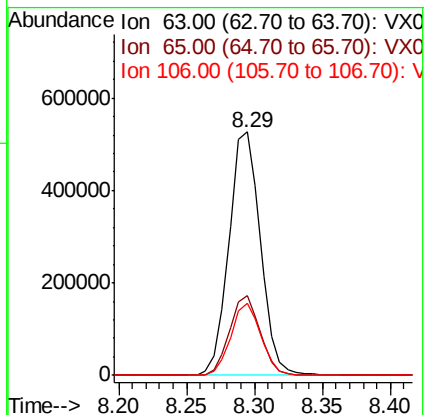
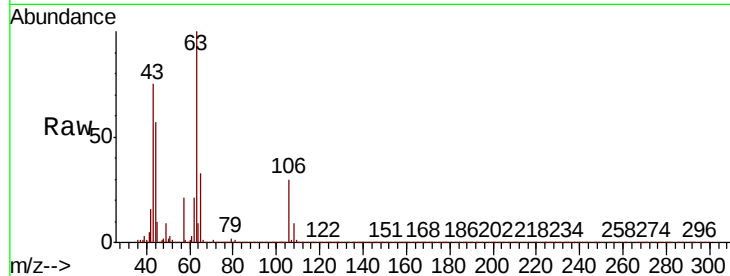
Tot Ion: 63 Resp: 844112

Ion Ratio Lower Upper

63 100

65 32.0 25.5 38.3

106 28.6 23.1 34.7



#56

Bromoform

Concen: 18.989 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

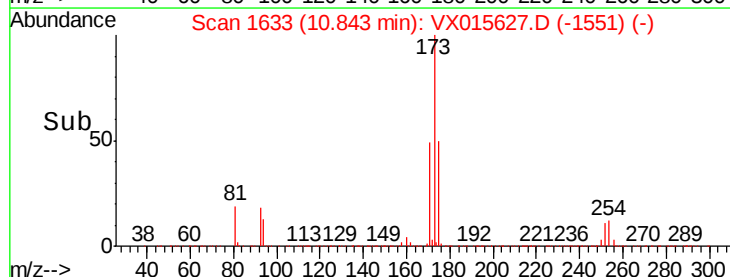
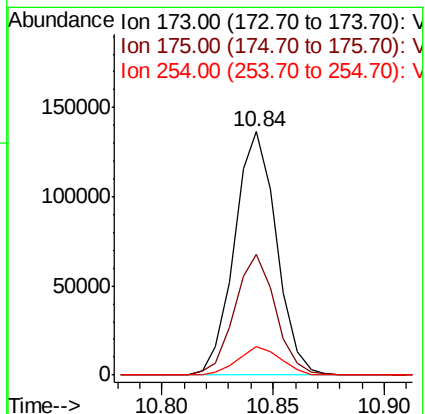
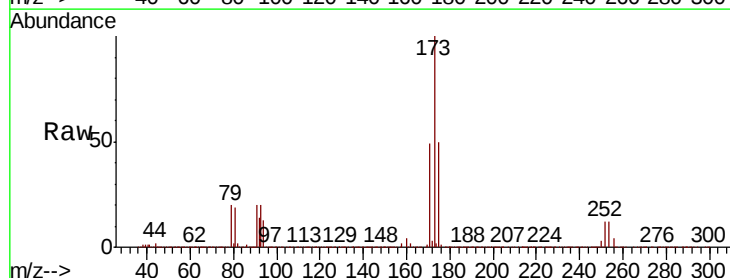
Tgt Ion:173 Resp: 179538

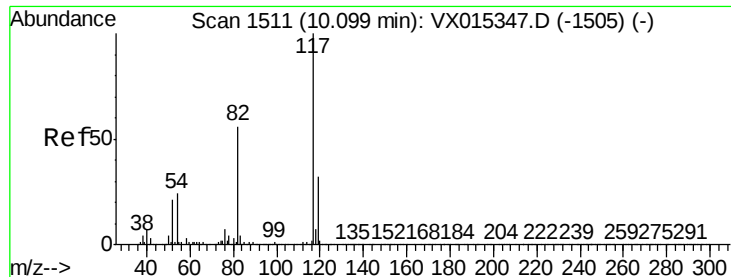
Ion Ratio Lower Upper

173 100

175 48.1 39.0 58.4

254 11.9 9.4 14.2

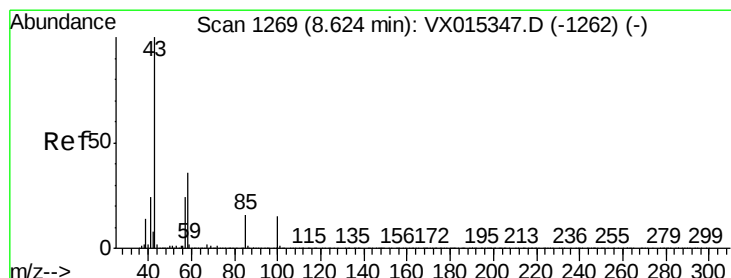
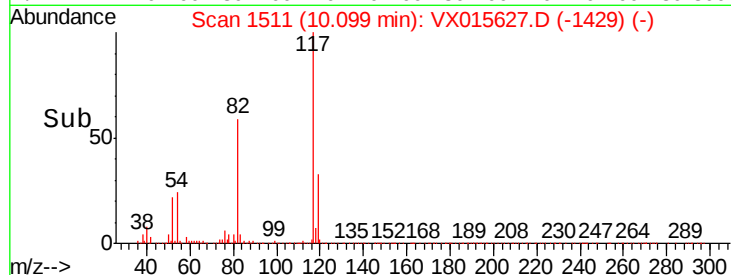
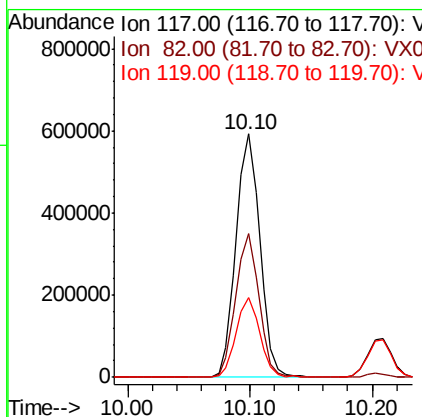
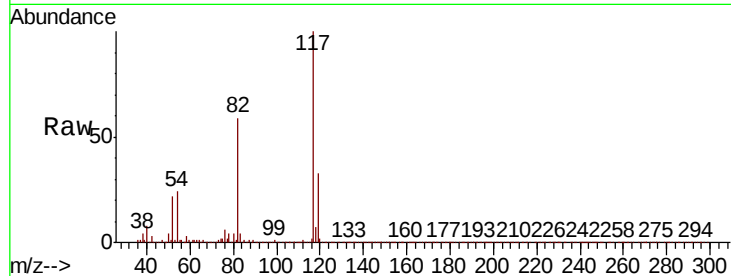




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

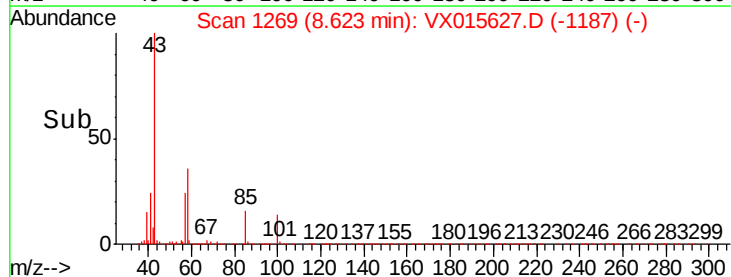
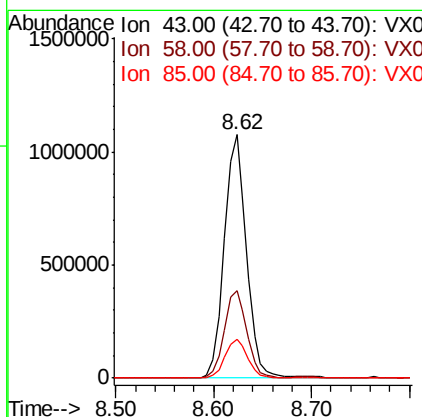
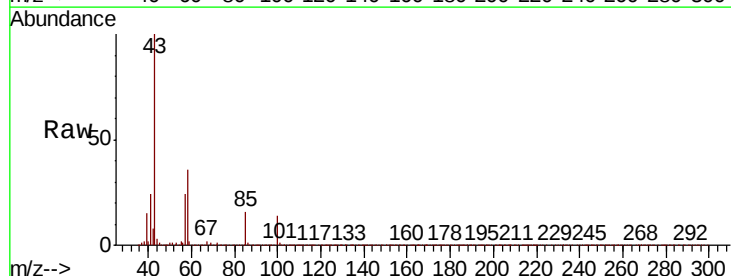
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

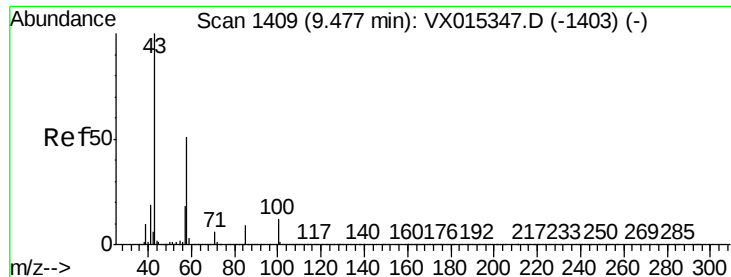
Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	45.0	67.6
119	32.2	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 110.474 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.4	29.4	44.0
85	16.2	13.0	19.4

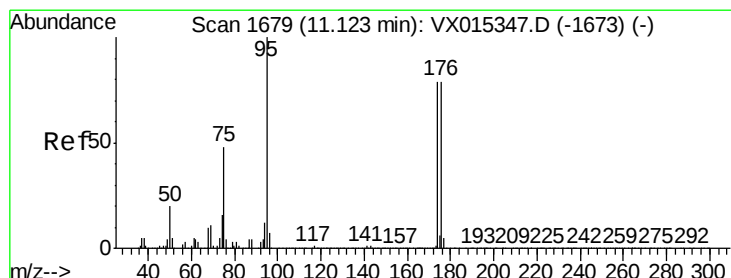
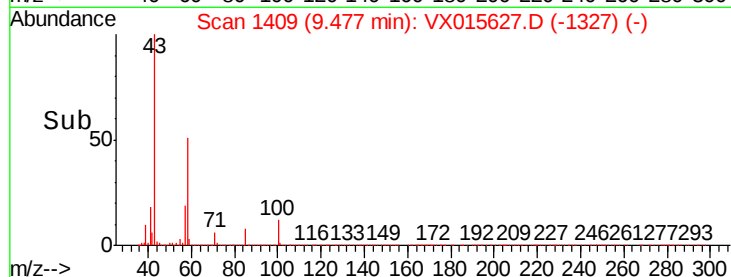
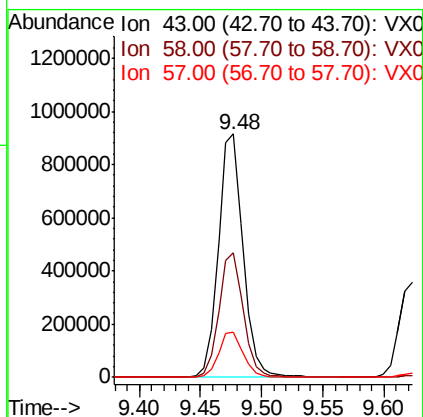
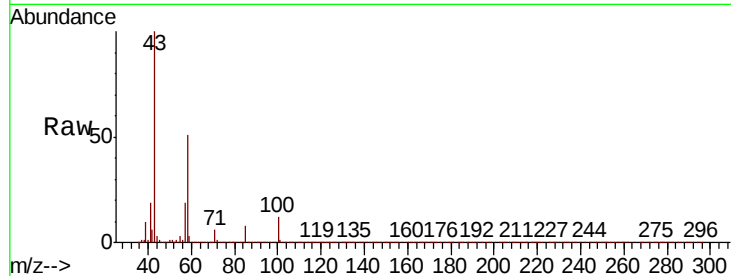




#59
2-Hexanone
Concen: 109.843 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

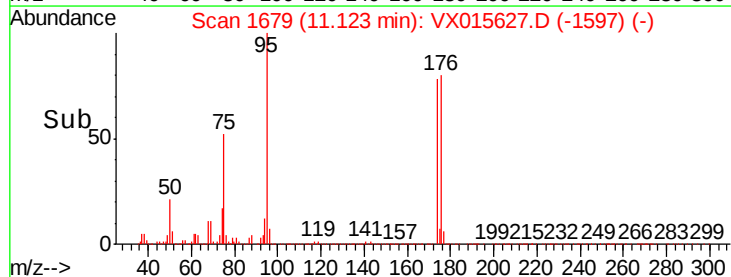
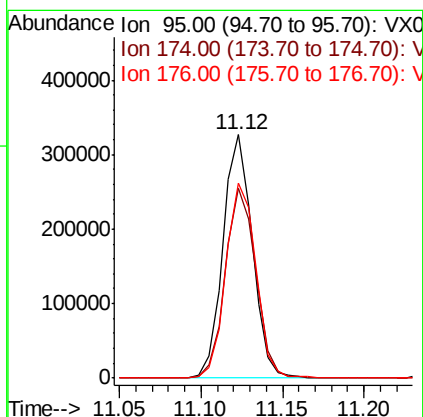
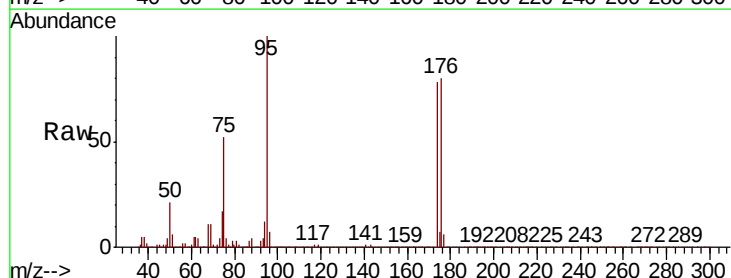
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

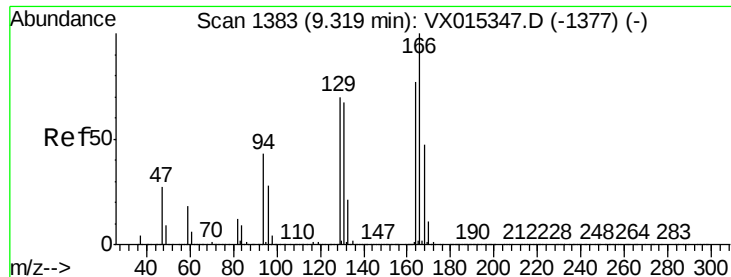
Tot Ion: 43 Resp: 1281531
Ion Ratio Lower Upper
43 100
58 50.9 40.2 60.4
57 18.7 14.6 22.0



#60
4-Bromofluorobenzene
Concen: 29.844 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Tgt Ion: 95 Resp: 409259
Ion Ratio Lower Upper
95 100
174 80.6 66.4 99.6
176 81.3 64.1 96.1





#61

Tetrachloroethene

Concen: 16.724 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

Tot Ion:164 Resp: 172248

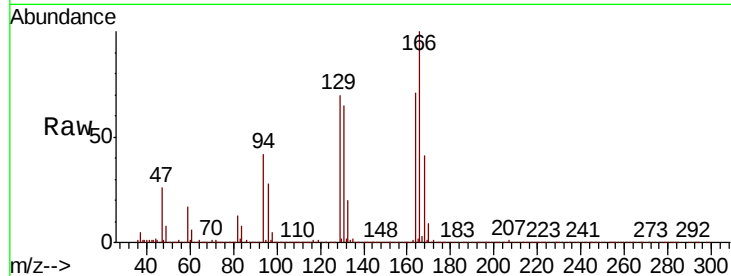
Ion Ratio Lower Upper

164 100

166 140.1 103.6 155.4

129 97.8 72.6 108.8

131 91.3 69.8 104.6

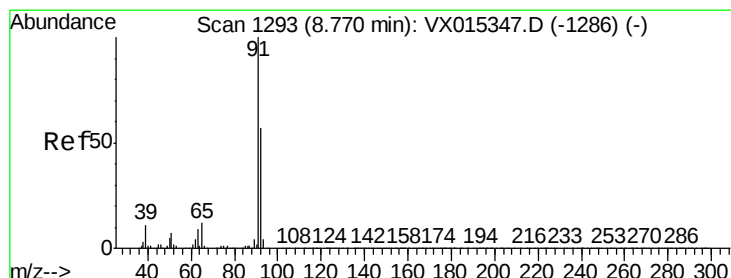
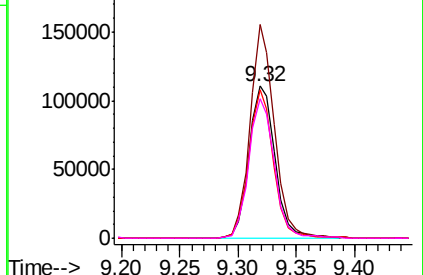
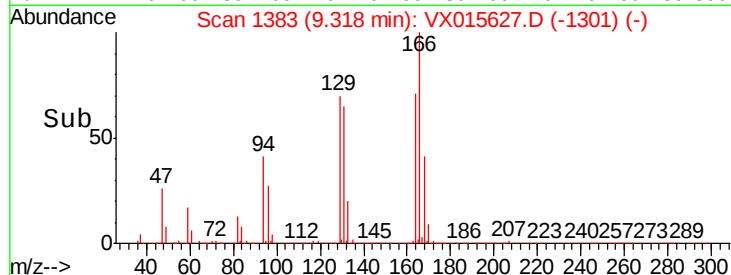


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.302 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015627.D

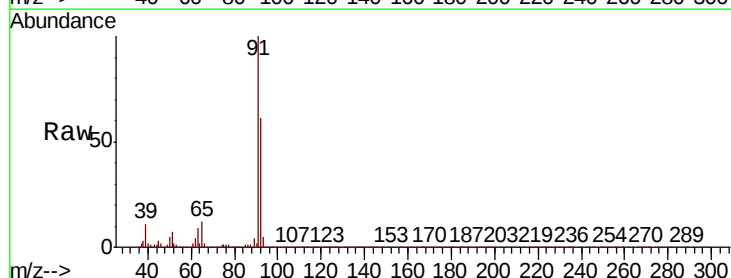
Acq: 10 Apr 2020 17:26

Tgt Ion: 91 Resp: 742821

Ion Ratio Lower Upper

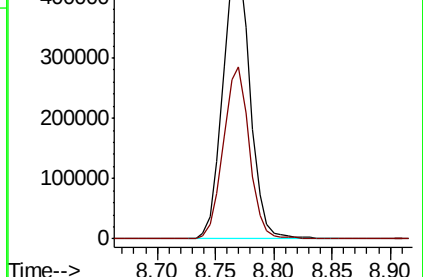
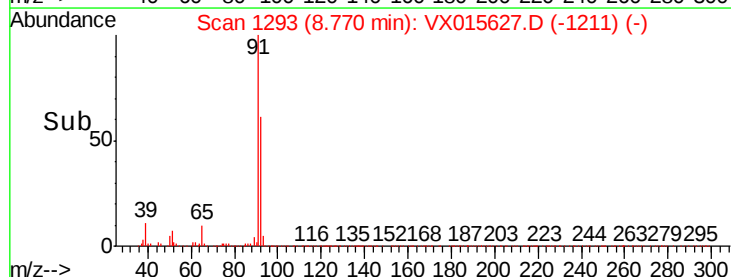
91 100

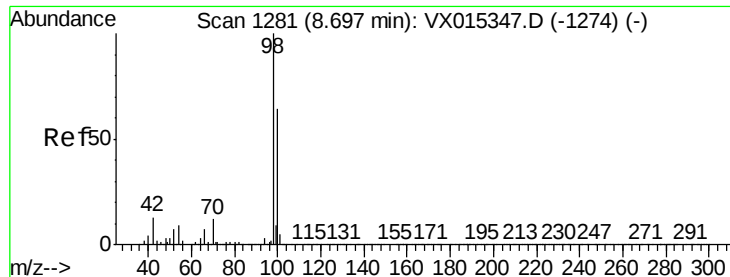
92 59.6 46.7 70.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 28.961 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

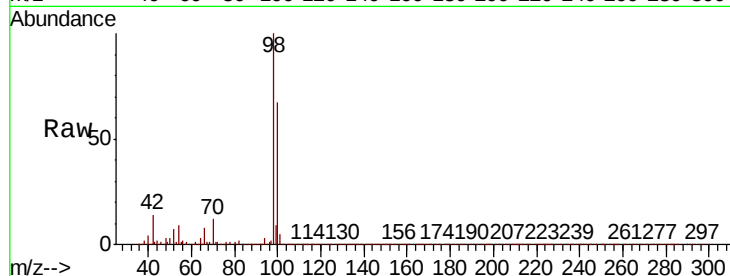
VX0410WBSD02

Tot Ion: 98 Resp: 985969

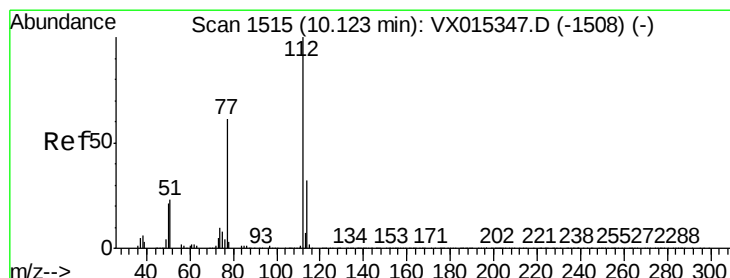
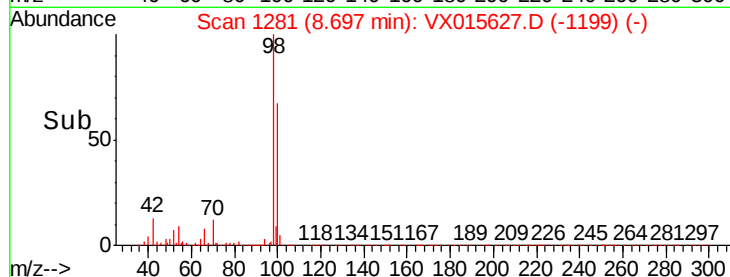
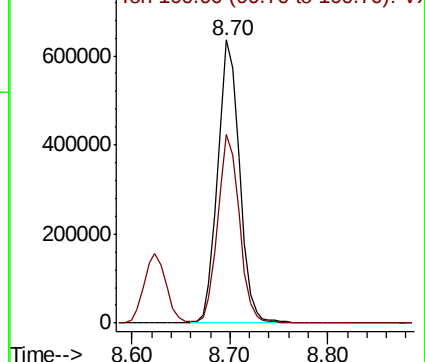
Ion Ratio Lower Upper

98 100

100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX015347.D (-1274) (-)



#64

Chlorobenzene

Concen: 18.646 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015627.D

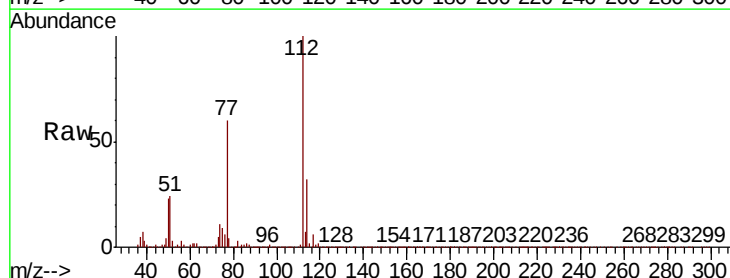
Acq: 10 Apr 2020 17:26

Tgt Ion: 112 Resp: 486566

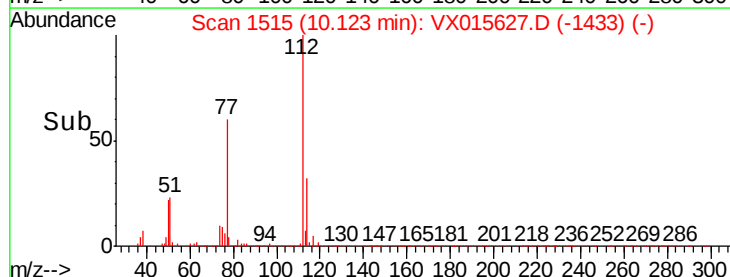
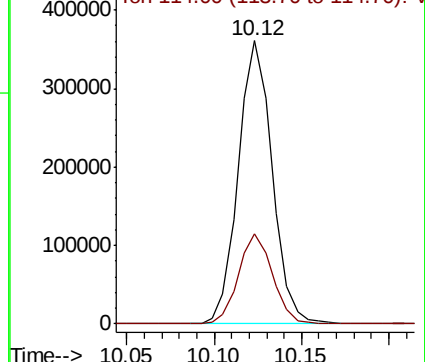
Ion Ratio Lower Upper

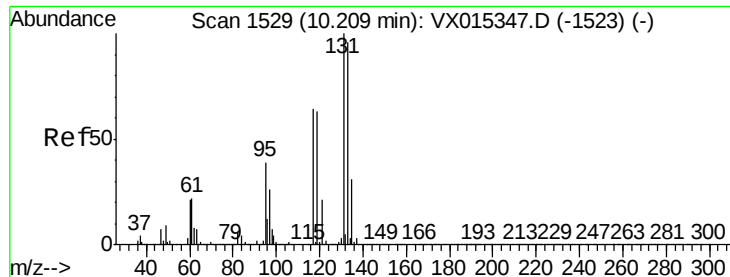
112 100

114 32.0 25.8 38.8



Abundance Ion 112.00 (111.70 to 112.70): VX015347.D (-1508) (-)





#65

1,1,1,2-Tetrachloroethane

Concen: 18.124 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

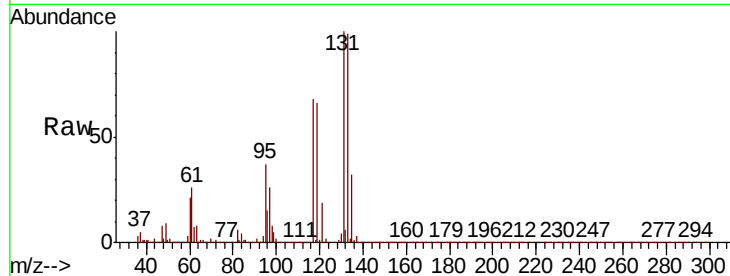
Tot Ion:131 Resp: 193258

Ion Ratio Lower Upper

131 100

133 96.1 0.0 193.6

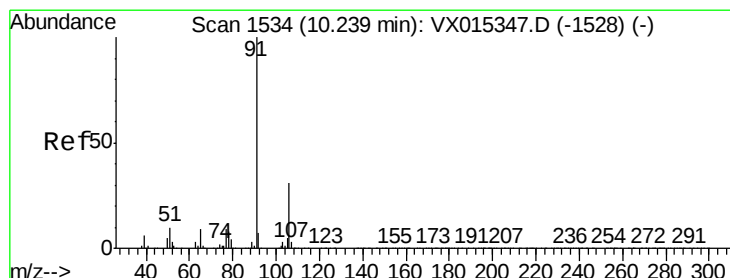
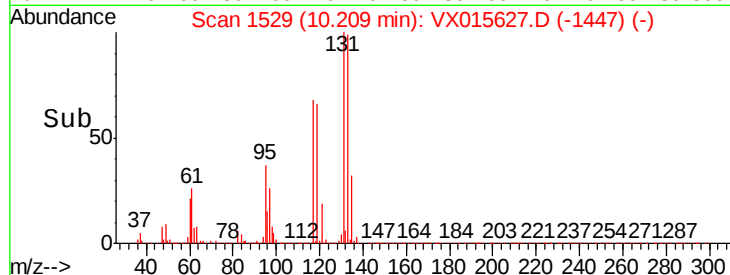
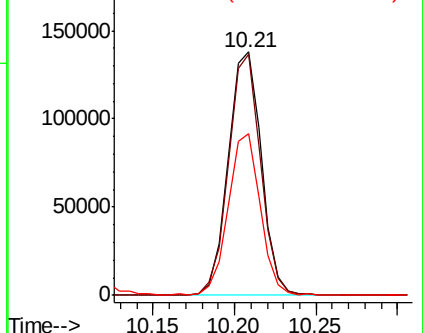
119 64.1 0.0 128.0



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 17.987 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015627.D

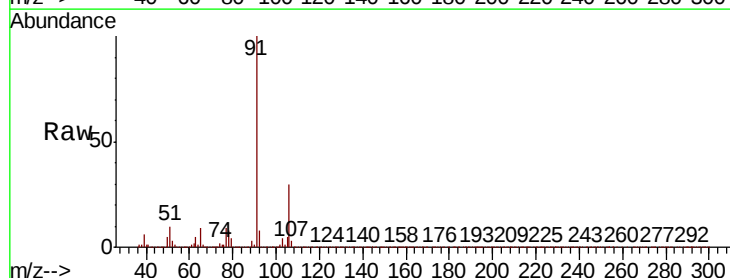
Acq: 10 Apr 2020 17:26

Tgt Ion: 91 Resp: 833971

Ion Ratio Lower Upper

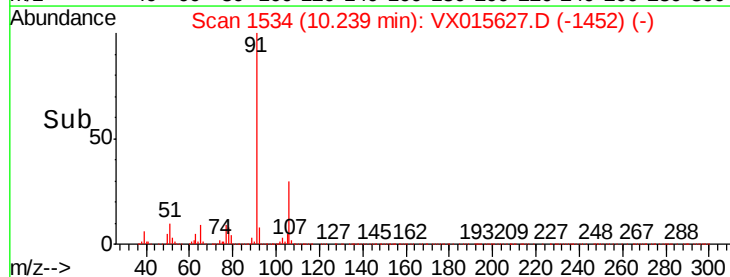
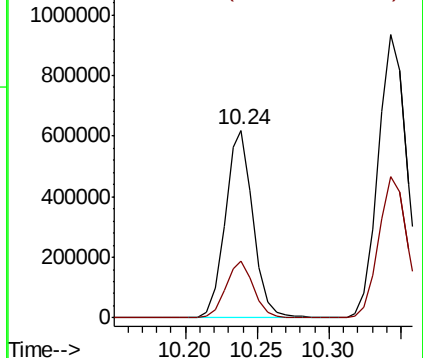
91 100

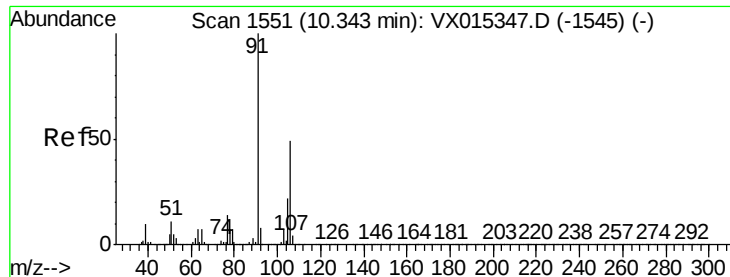
106 30.3 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

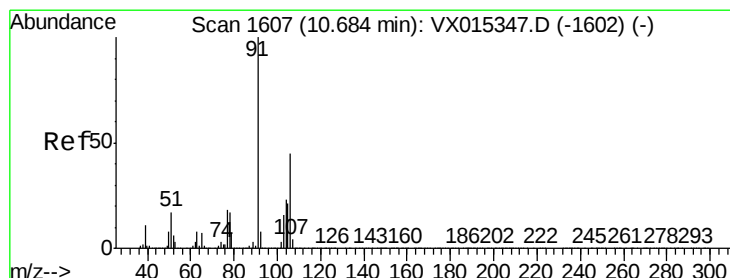
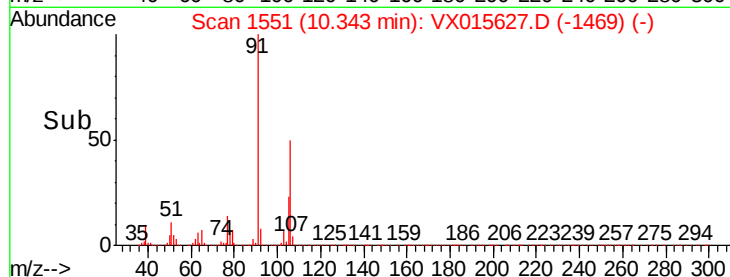
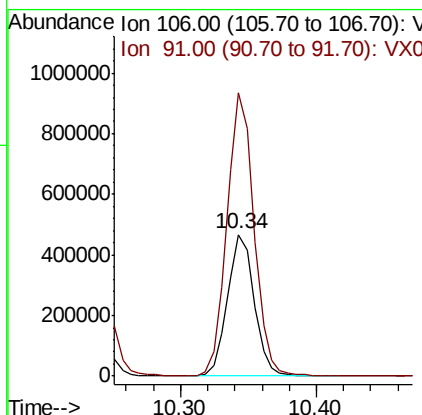
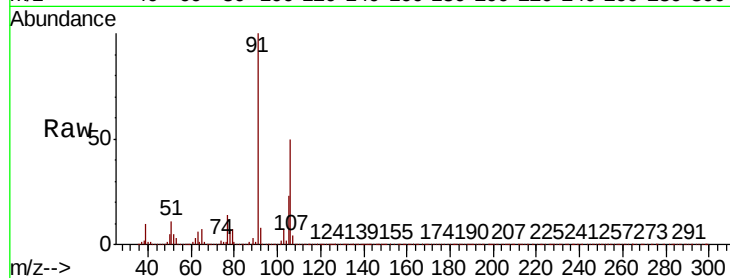




#67
m/p-Xylenes
Concen: 36.554 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

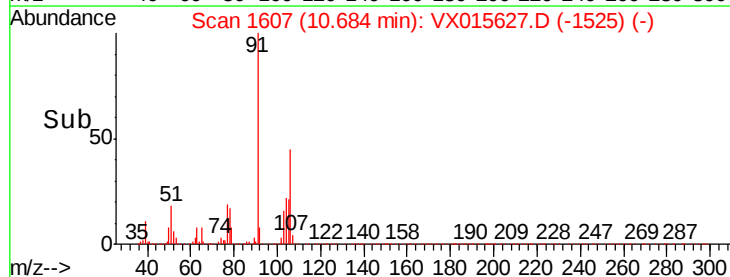
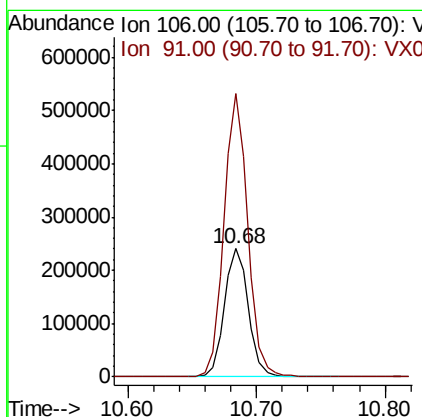
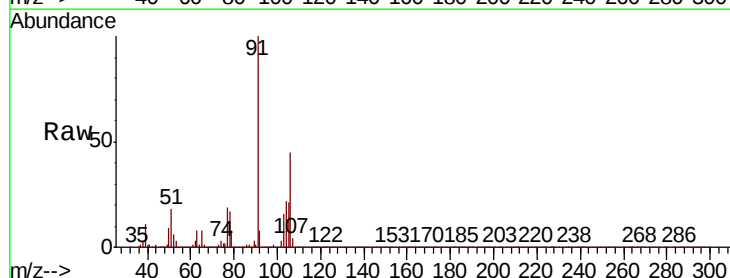
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

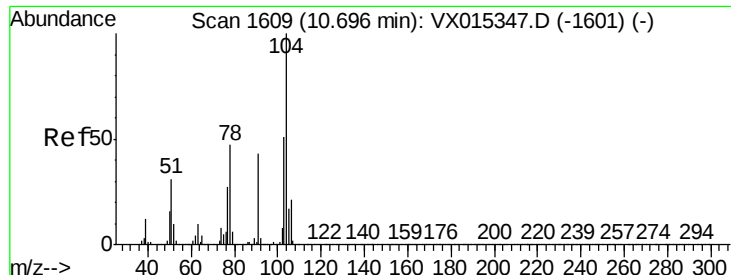
Tot Ion:106 Resp: 641491
Ion Ratio Lower Upper
106 100
91 200.4 165.0 247.4



#68
o-Xylene
Concen: 18.335 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Tgt Ion:106 Resp: 314499
Ion Ratio Lower Upper
106 100
91 218.6 109.1 327.2

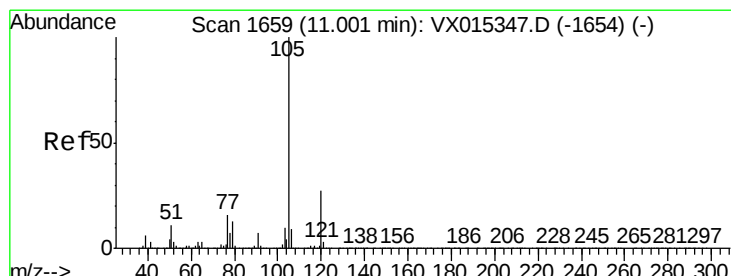
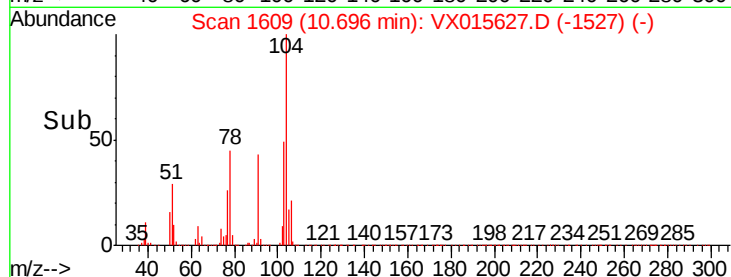
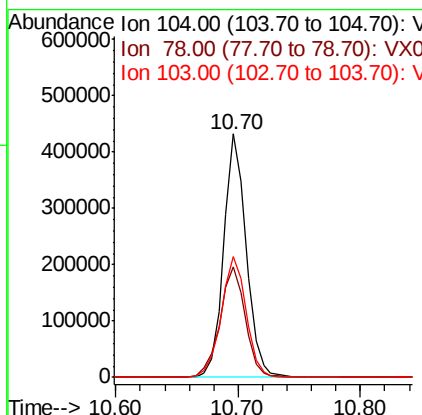
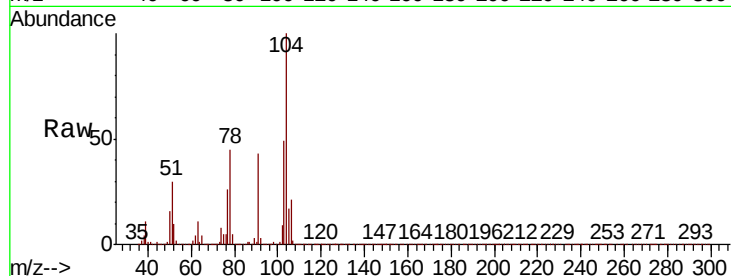




#69
Stvrene
Concen: 18.513 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

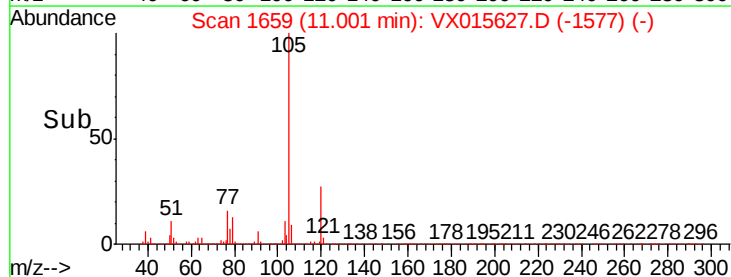
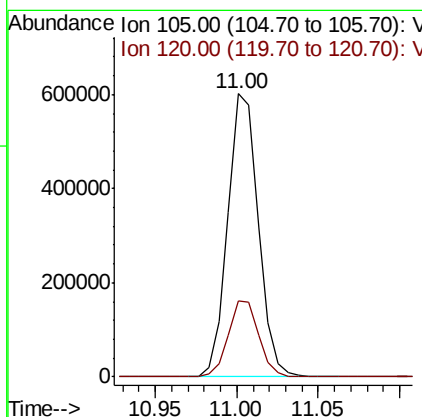
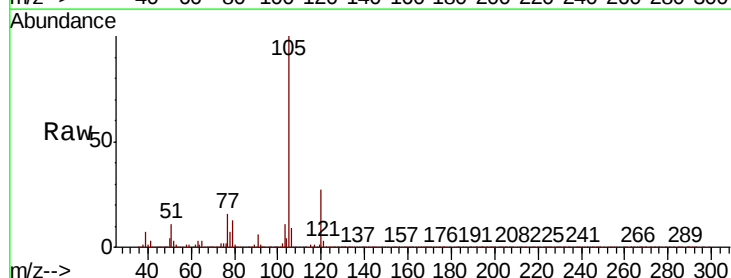
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

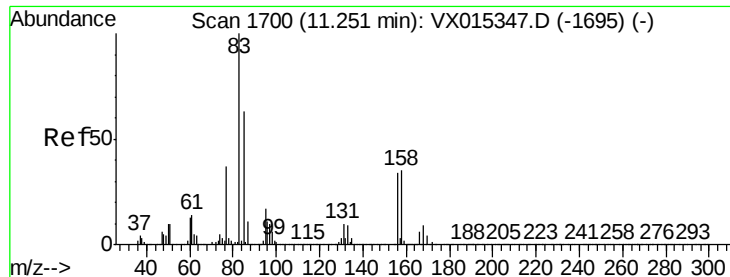
Tot Ion	Ratio	Lower	Upper
104	100		
78	51.1	41.5	62.3
103	54.7	43.4	65.2



#70
Isopropylbenzene
Concen: 17.233 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 20.533 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

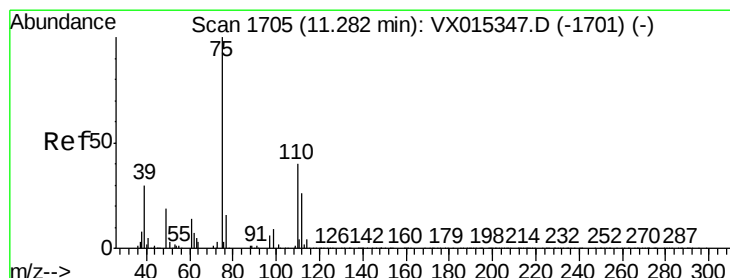
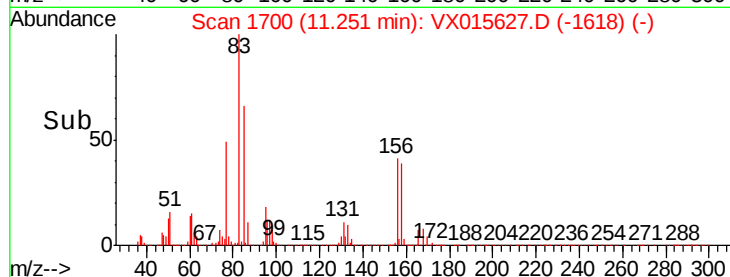
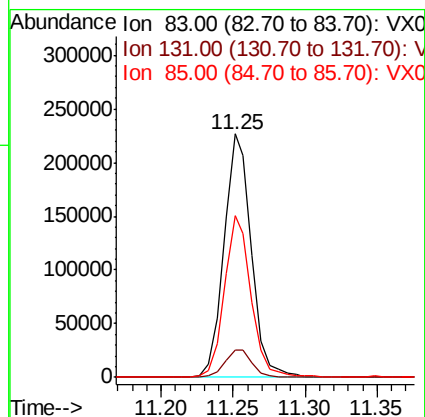
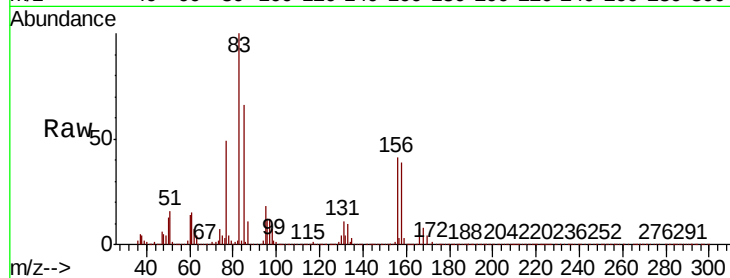
Tot Ion: 83 Resp: 302623

Ion Ratio Lower Upper

83 100

131 11.3 5.3 15.9

85 64.4 32.0 96.2



#72

1,2,3-Trichloropropane

Concen: 26.490 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015627.D

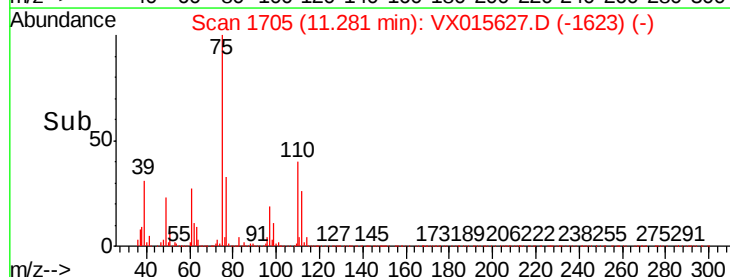
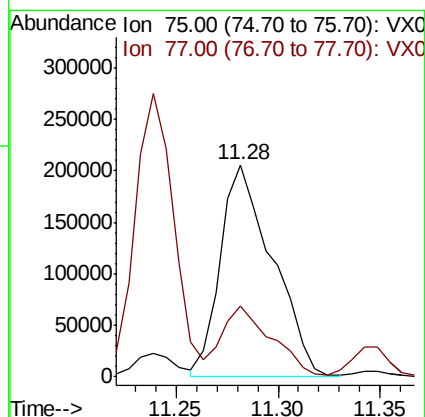
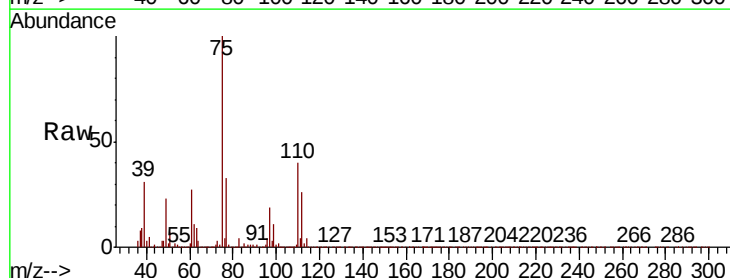
Acq: 10 Apr 2020 17:26

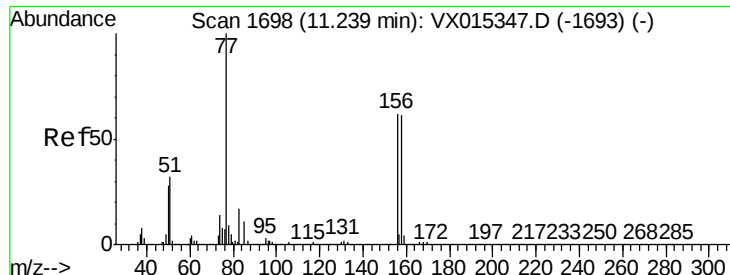
Tgt Ion: 75 Resp: 365322

Ion Ratio Lower Upper

75 100

77 31.7 0.0 80.0





#73

Bromobenzene

Concen: 18.934 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

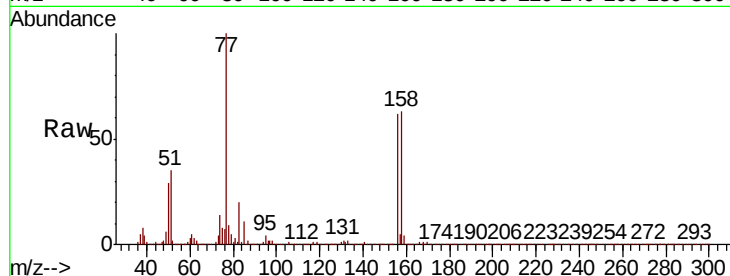
Tot Ion:156 Resp: 231116

Ion Ratio Lower Upper

156 100

77 156.9 0.0 324.4

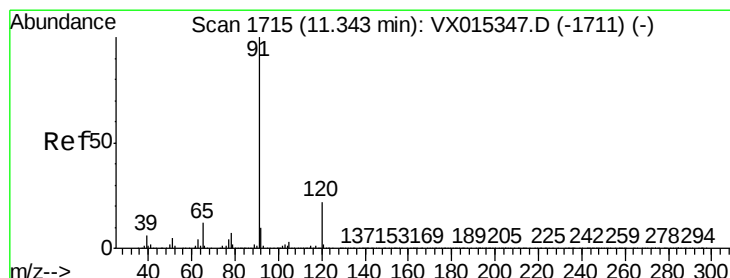
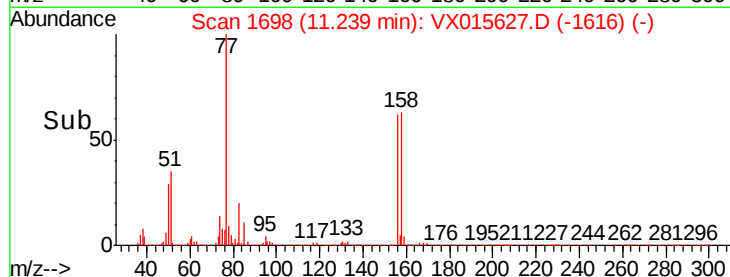
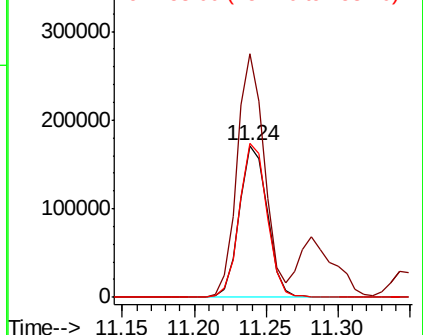
158 100.0 0.0 200.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.055 ug/l

RT: 11.35 min Scan# 1716

Delta R.T. 0.01 min

Lab File: VX015627.D

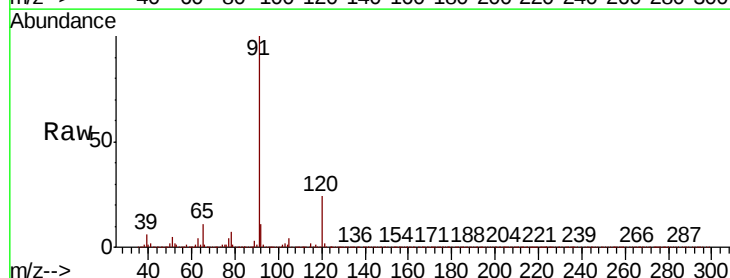
Acq: 10 Apr 2020 17:26

Tgt Ion: 91 Resp: 889563

Ion Ratio Lower Upper

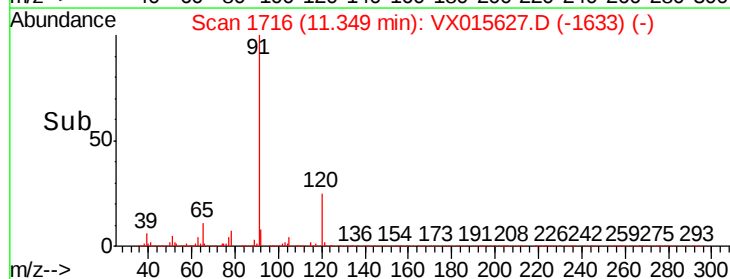
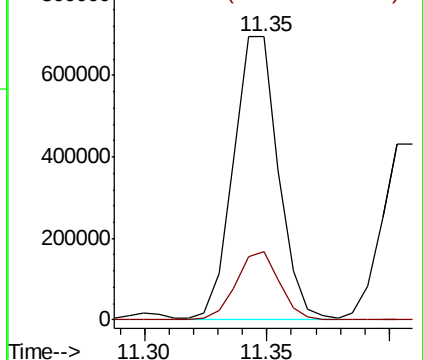
91 100

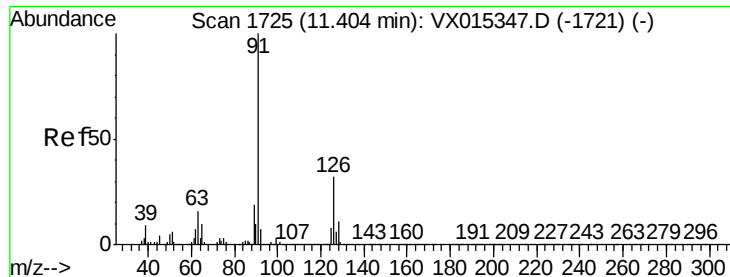
120 23.2 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.958 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

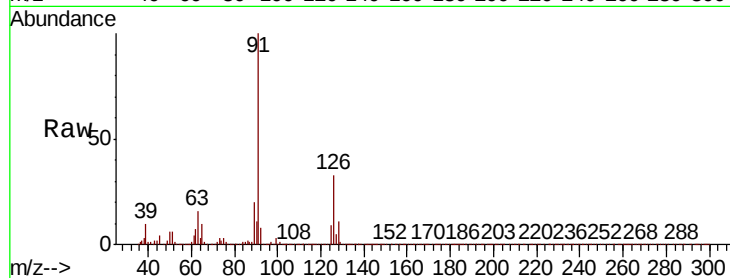
VX0410WBSD02

Tot Ion: 91 Resp: 569691

Ion Ratio Lower Upper

91 100

126 34.0 0.0 65.2



Abundance Ion 91.00 (90.70 to 91.70): VX015347.D (-1721) (-)

Ion 126.00 (125.70 to 126.70): VX015347.D (-1721) (-)

800000

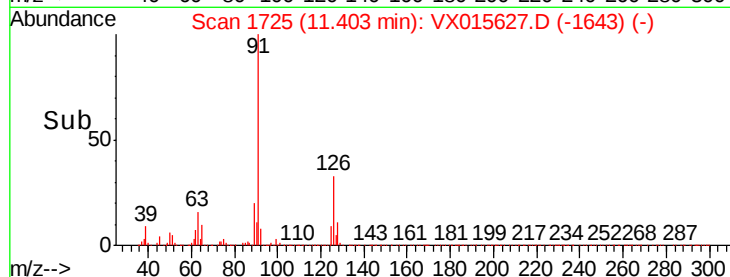
600000

400000

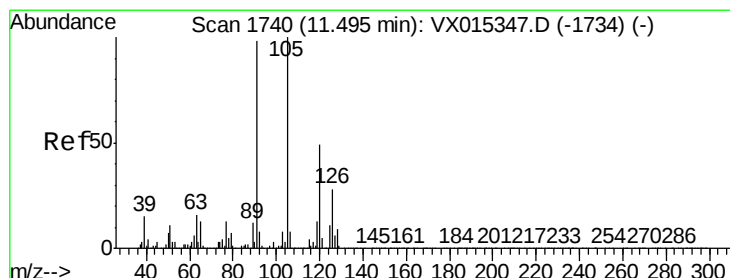
200000

0

11.35 11.40 11.45



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.204 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015627.D

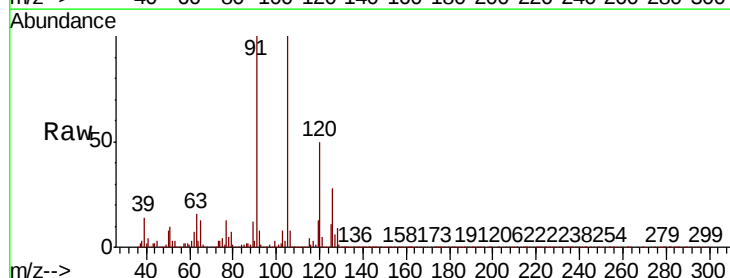
Acq: 10 Apr 2020 17:26

Tgt Ion: 105 Resp: 671842

Ion Ratio Lower Upper

105 100

120 49.4 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VX015347.D (-1734) (-)

Ion 120.00 (119.70 to 120.70): VX015347.D (-1734) (-)

600000

500000

400000

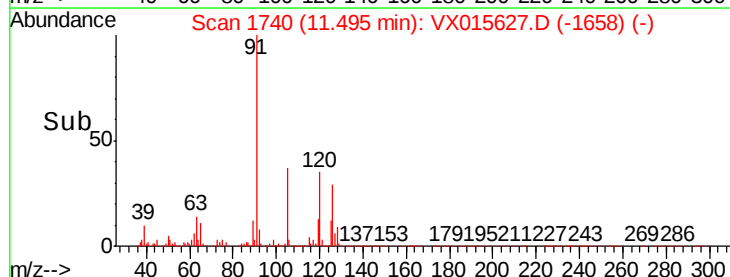
300000

200000

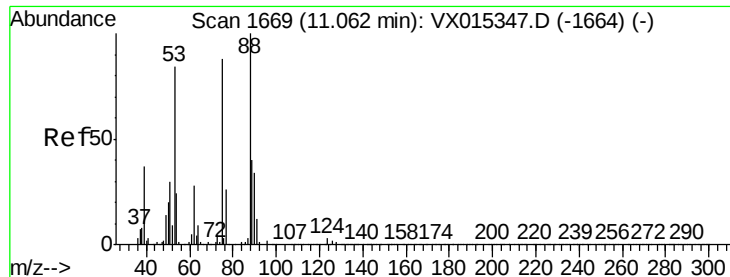
100000

0

11.45 11.50 11.55



Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 16.756 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

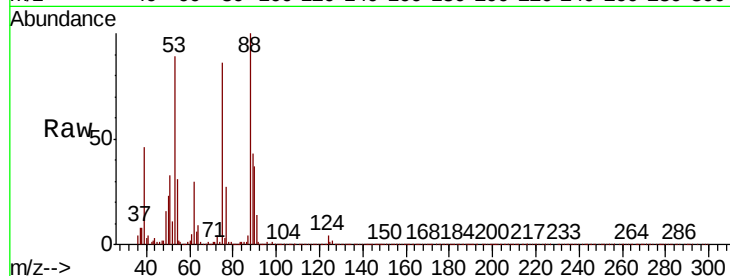
Tot Ion: 75 Resp: 99582

Ion Ratio Lower Upper

75 100

53 104.4 47.5 142.6

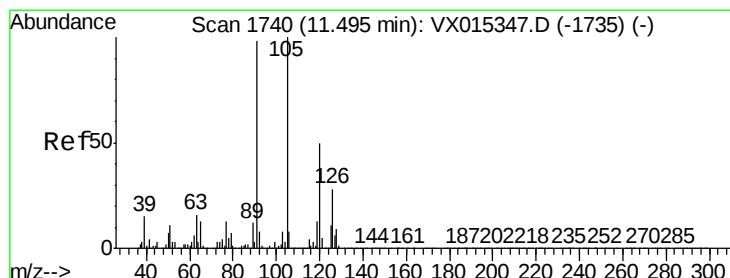
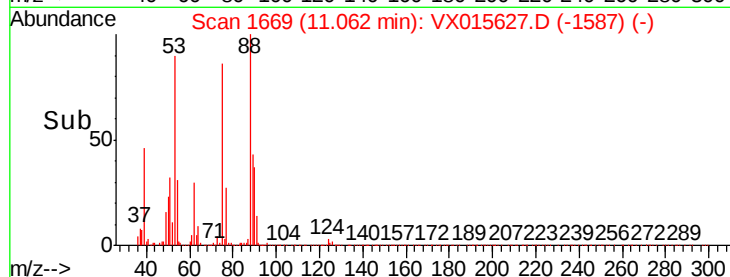
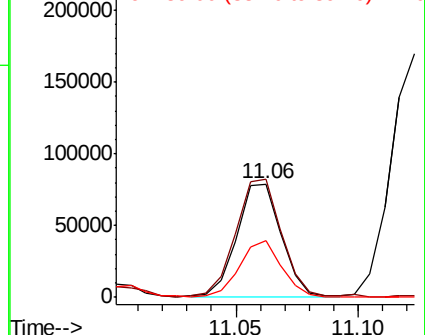
89 49.5 22.8 68.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.173 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015627.D

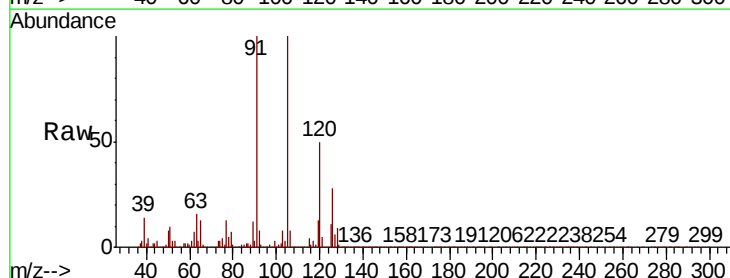
Acq: 10 Apr 2020 17:26

Tgt Ion: 91 Resp: 666926

Ion Ratio Lower Upper

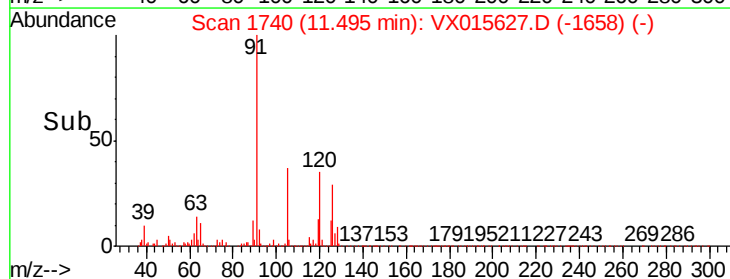
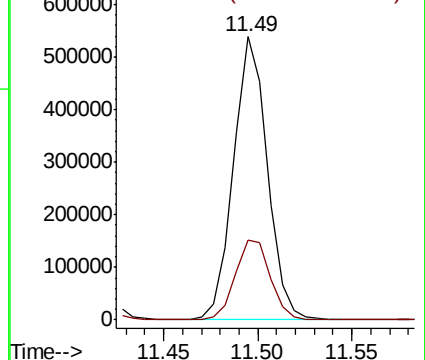
91 100

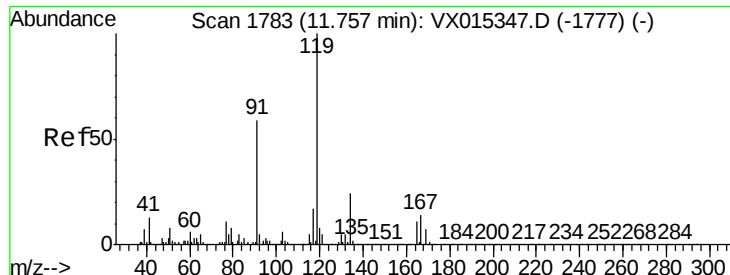
126 29.4 0.0 57.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

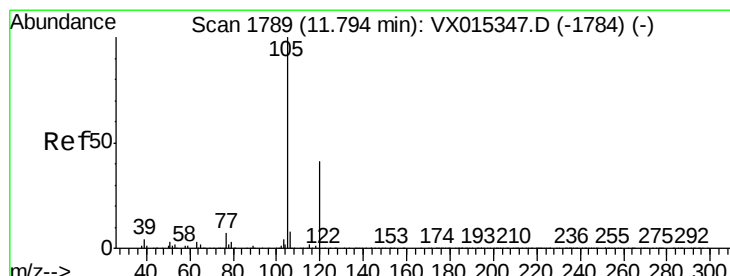
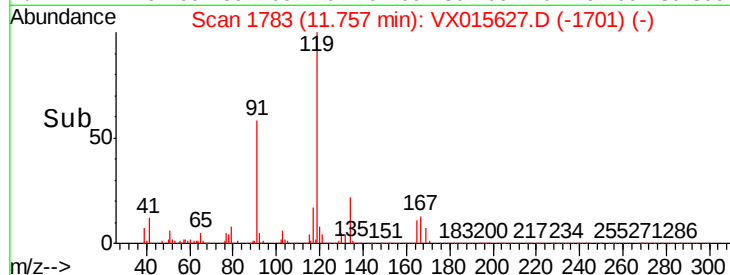
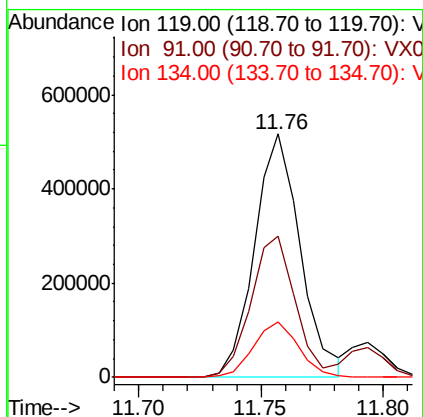
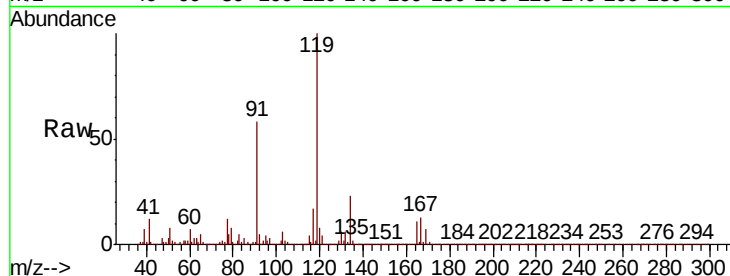




#79
tert-butylbenzene
Concen: 17.283 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

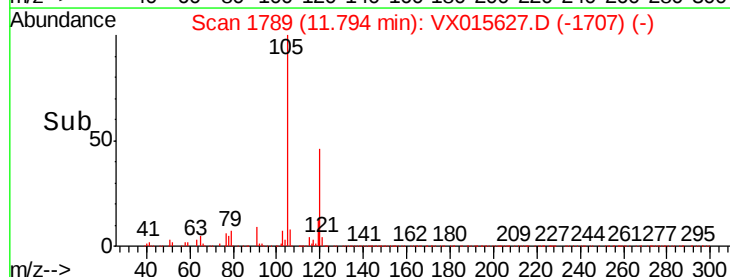
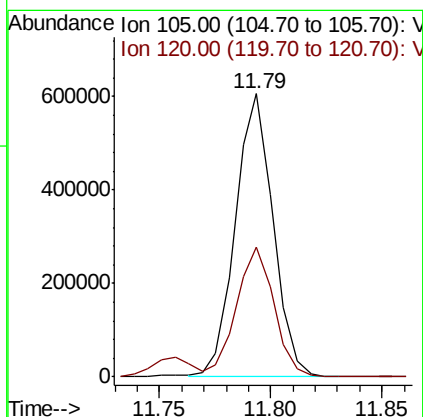
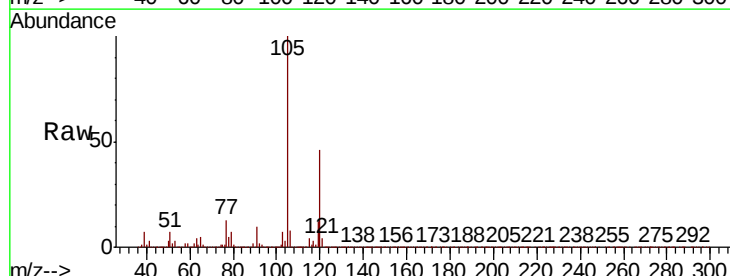
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

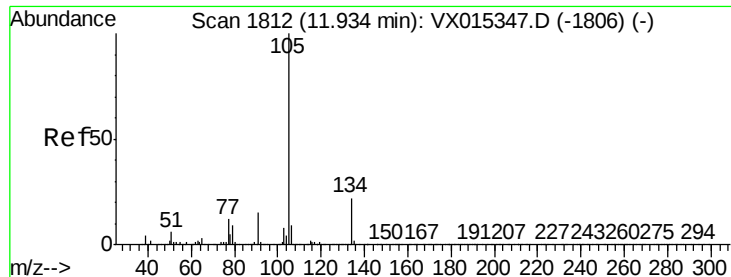
Tot Ion	Ratio	Lower	Upper
119	100		
91	55.6	0.0	115.8
134	22.4	0.0	47.0



#80
1,2,4-Trimethylbenzene
Concen: 18.059 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	0.0	91.0

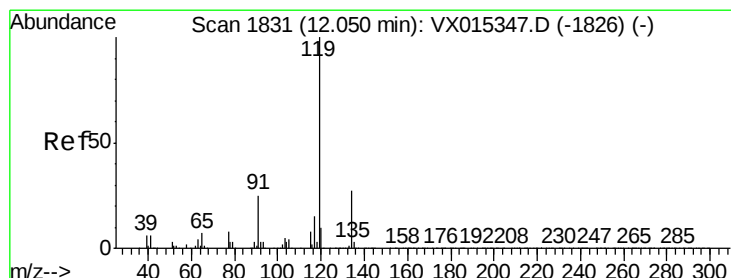
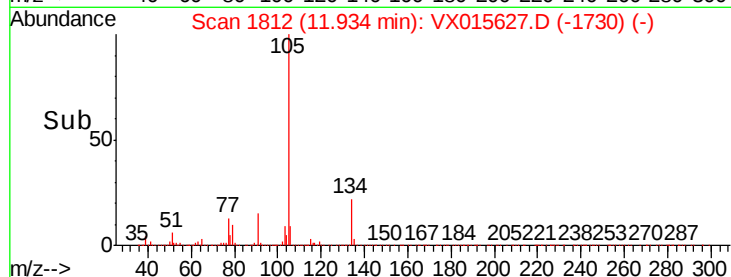
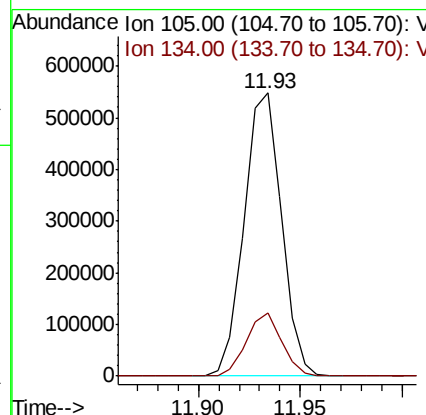
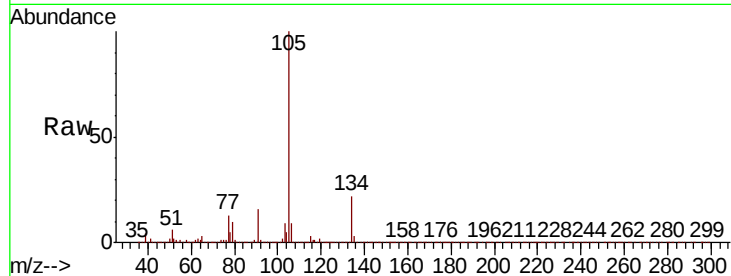




#81
 sec-Butylbenzene
 Concen: 15.571 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015627.D
 Acq: 10 Apr 2020 17:26

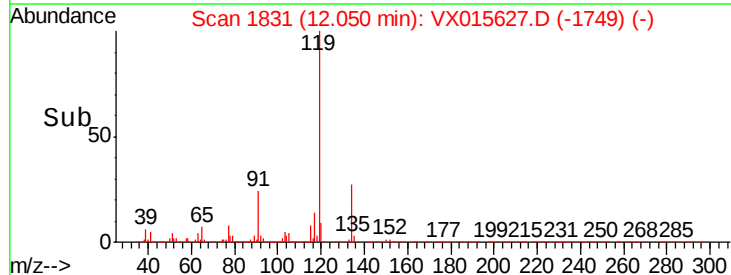
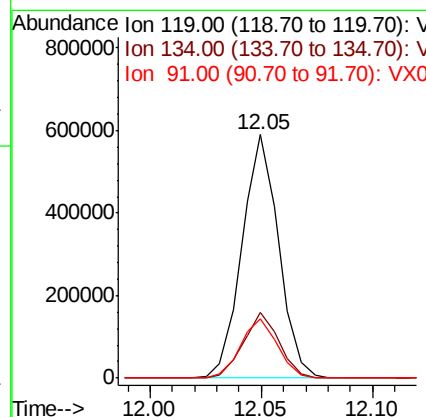
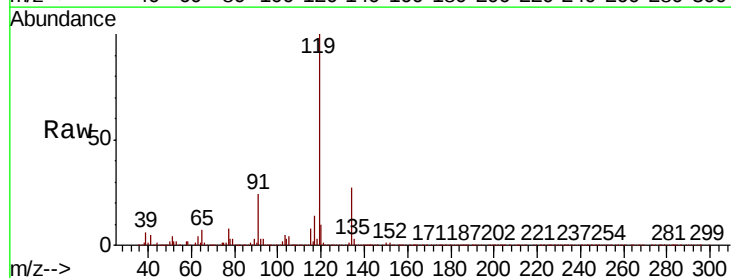
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

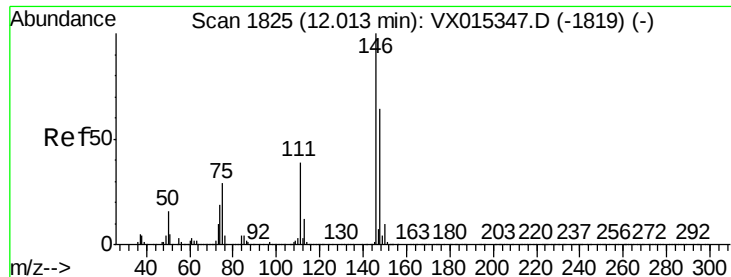
Tot Ion:105 Resp: 697119
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 41.6



#82
 p-Isopropyltoluene
 Concen: 15.999 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015627.D
 Acq: 10 Apr 2020 17:26

Tgt Ion:119 Resp: 675124
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.2
 91 24.1 0.0 48.2





#83

1,3-Dichlorobenzene

Concen: 18.005 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD02

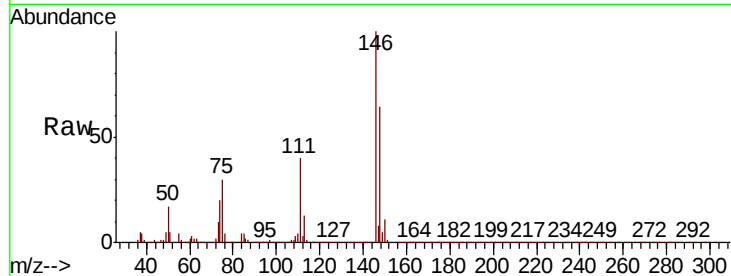
Tot Ion:146 Resp: 395189

Ion Ratio Lower Upper

146 100

111 39.0 20.1 60.2

148 62.6 31.4 94.2

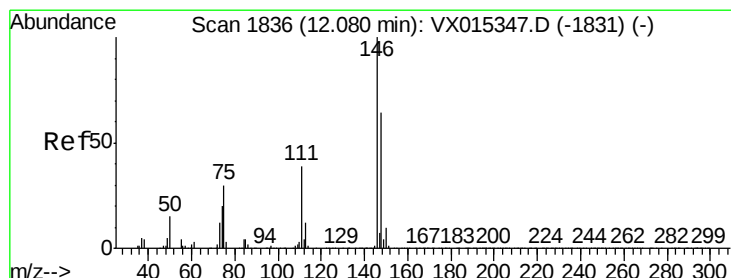
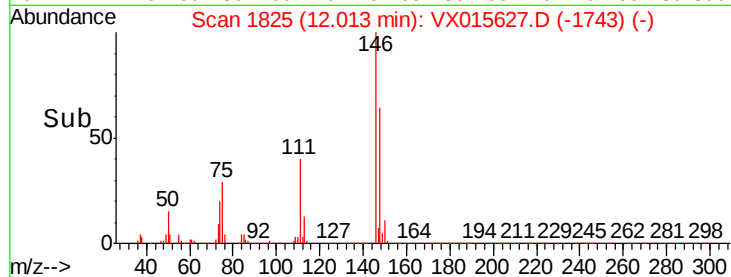
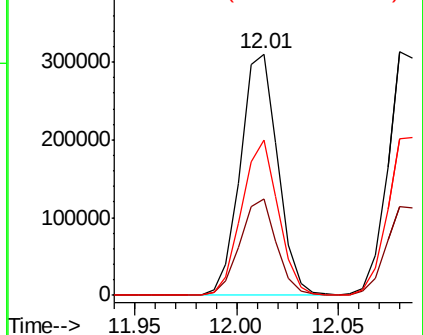


Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 18.020 ug/l

RT: 12.08 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX015627.D

Acq: 10 Apr 2020 17:26

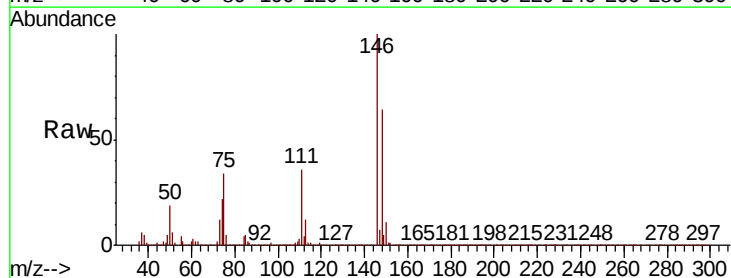
Tgt Ion:146 Resp: 394710

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.9

148 65.2 31.4 94.3

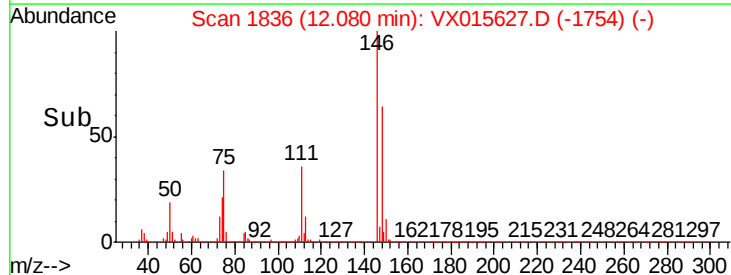
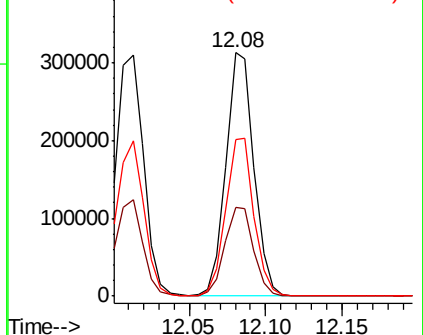


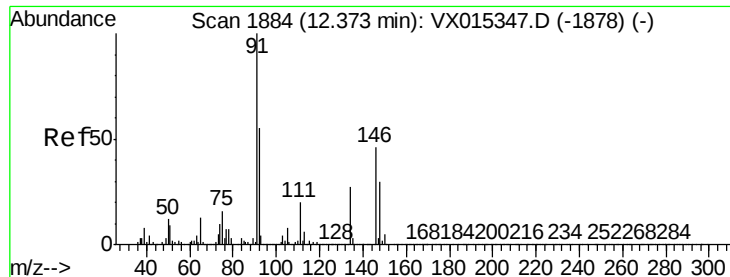
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

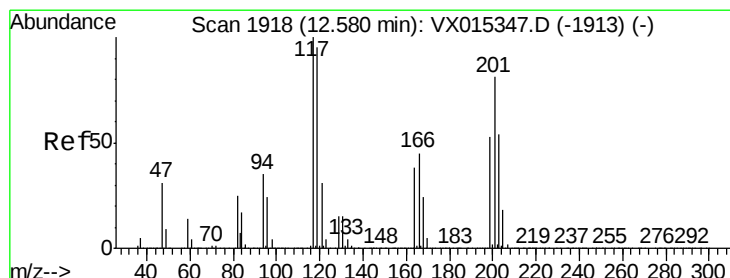
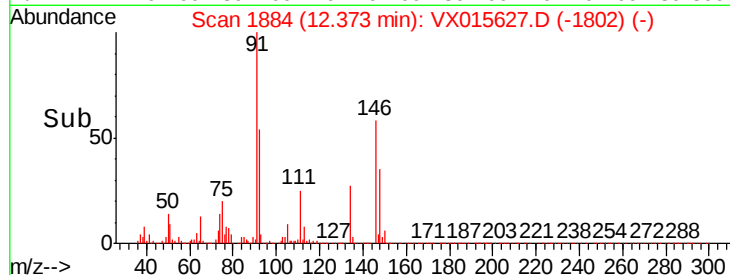
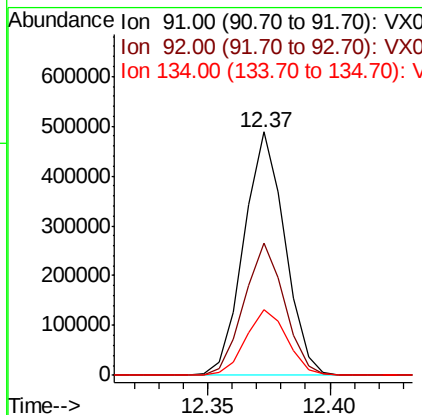
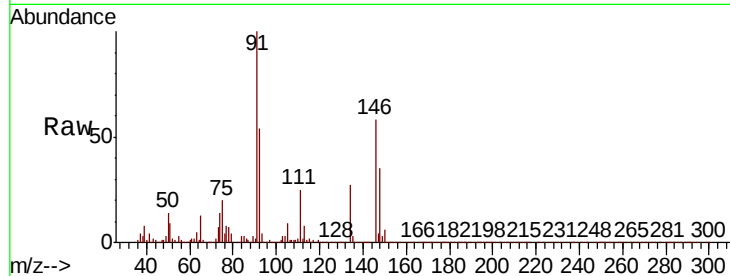




#85
n-Butylbenzene
Concen: 15.047 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

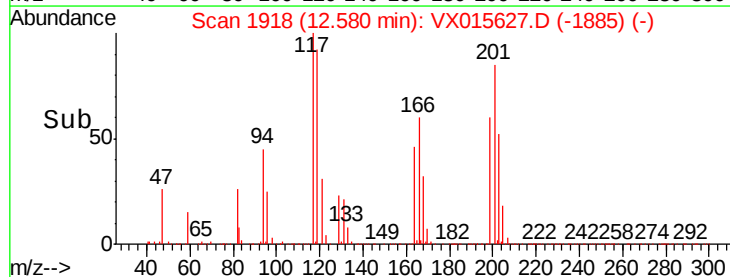
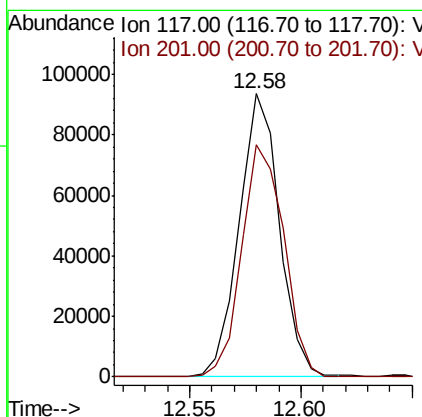
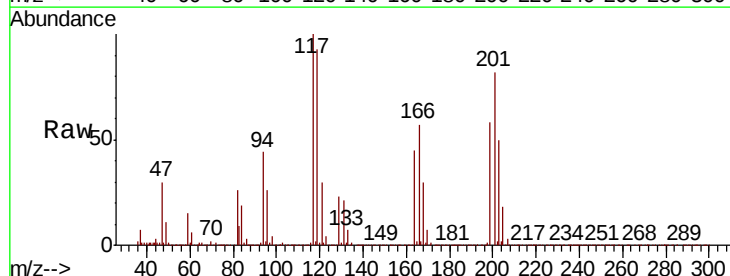
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

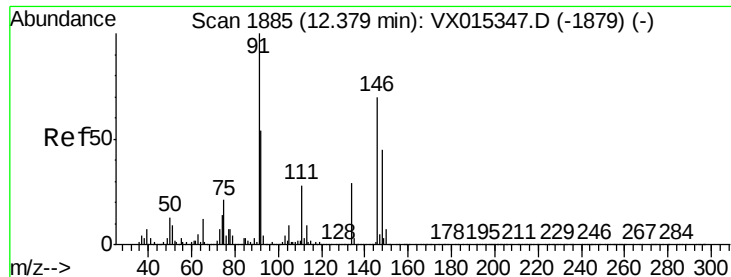
Tot Ion: 91 Resp: 565954
Ion Ratio Lower Upper
91 100
92 53.8 0.0 109.0
134 27.4 0.0 54.0



#86
Hexachloroethane
Concen: 14.367 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Tgt Ion: 117 Resp: 117169
Ion Ratio Lower Upper
117 100
201 86.5 44.9 134.5

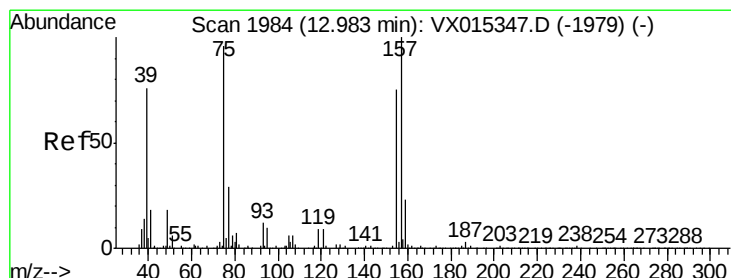
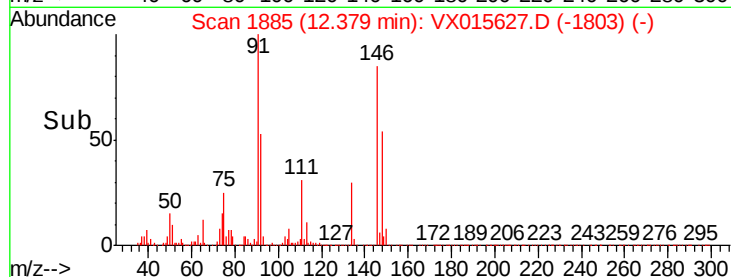
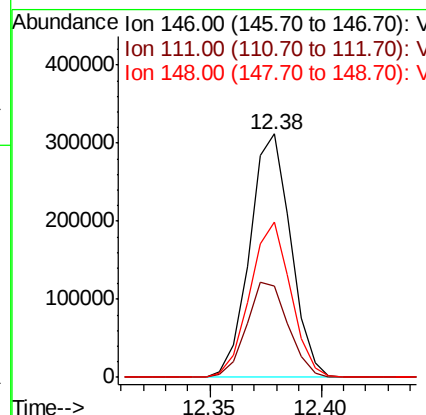
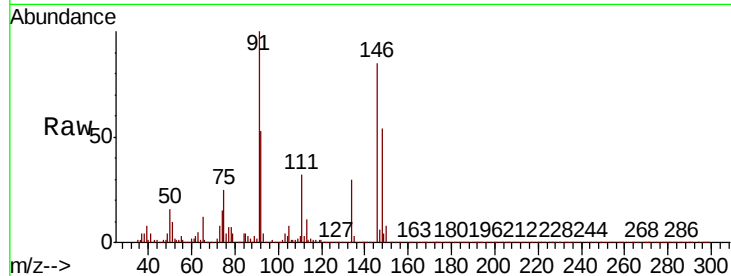




#87
 1,2-Dichlorobenzene
 Concen: 18.749 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015627.D
 Acq: 10 Apr 2020 17:26

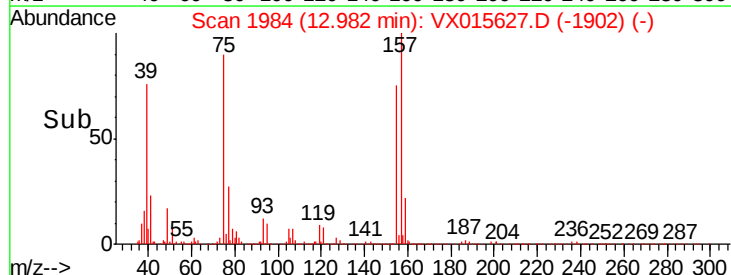
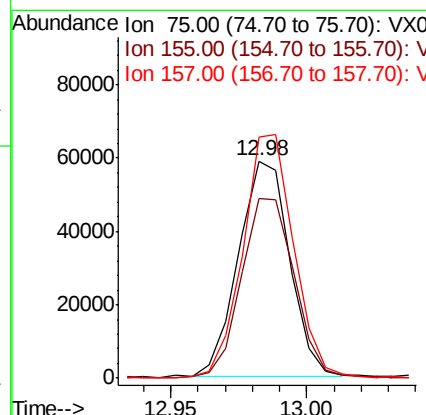
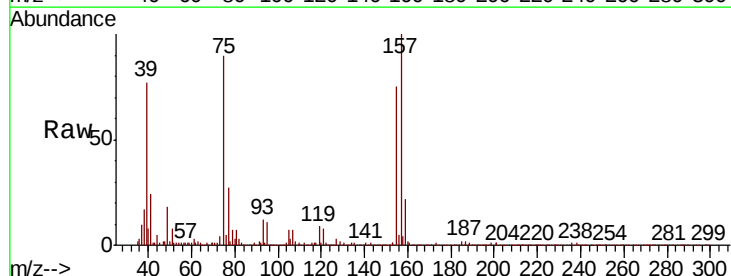
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

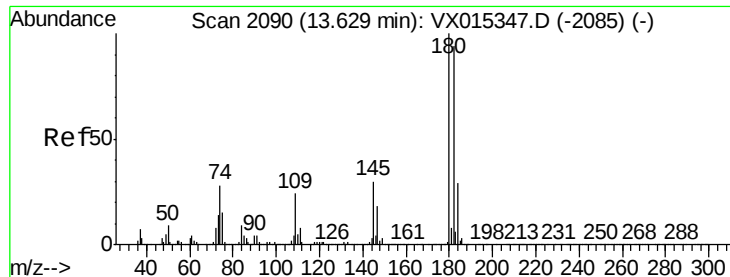
Tot Ion:146 Resp: 401479
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.4 61.2
 148 63.4 31.9 95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.839 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015627.D
 Acq: 10 Apr 2020 17:26

Tgt Ion: 75 Resp: 77015
 Ion Ratio Lower Upper
 75 100
 155 86.3 67.7 101.5
 157 110.9 88.5 132.7

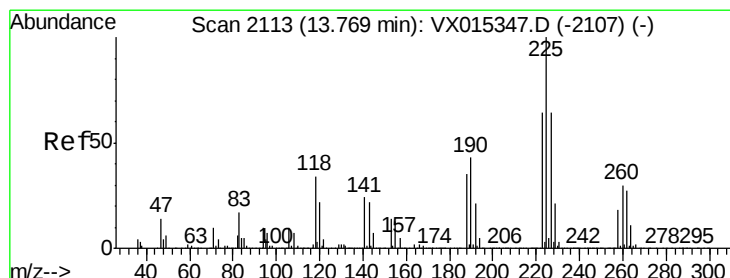
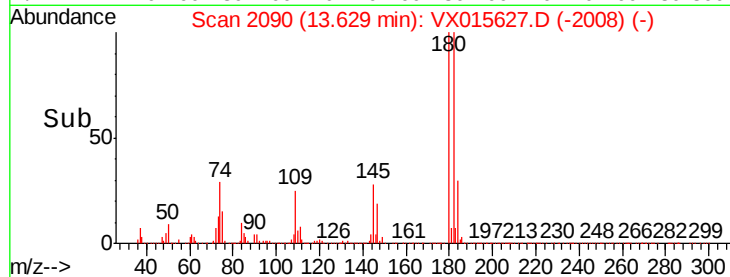
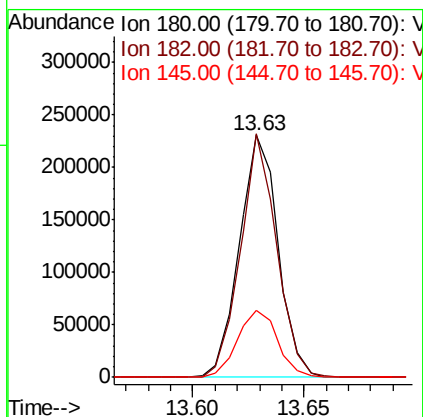
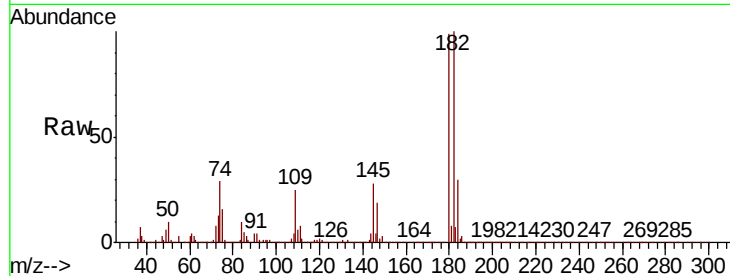




#89
 1,2,4-Trichlorobenzene
 Concen: 16.163 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015627.D
 Acq: 10 Apr 2020 17:26

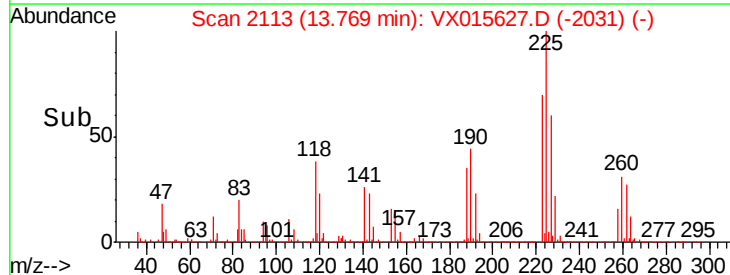
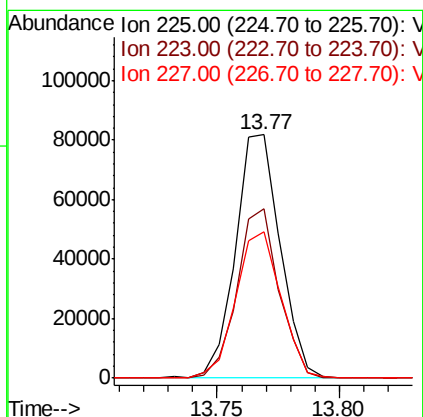
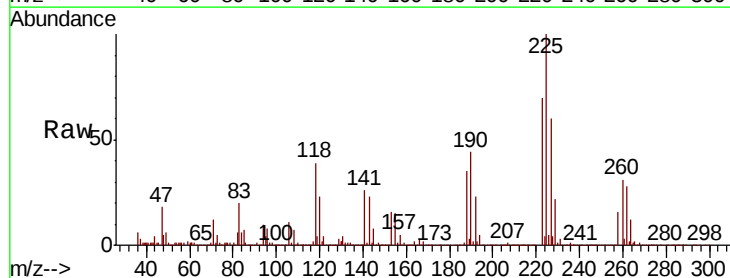
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD02

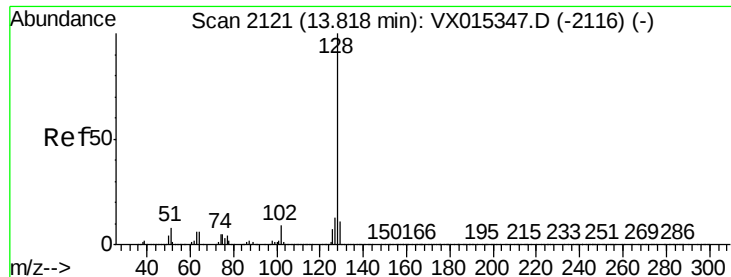
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.9	115.3
145	28.7	24.3	36.5



#90
 Hexachlorobutadiene
 Concen: 11.459 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015627.D
 Acq: 10 Apr 2020 17:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	0.0	127.0
227	61.0	0.0	126.8

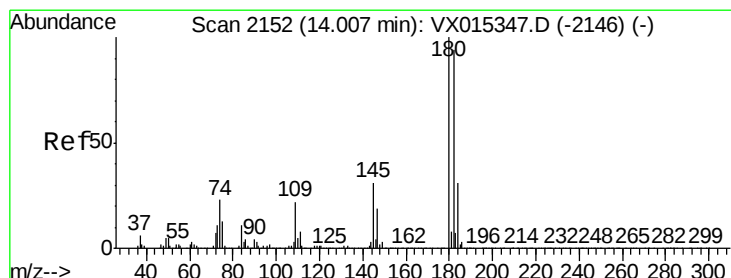
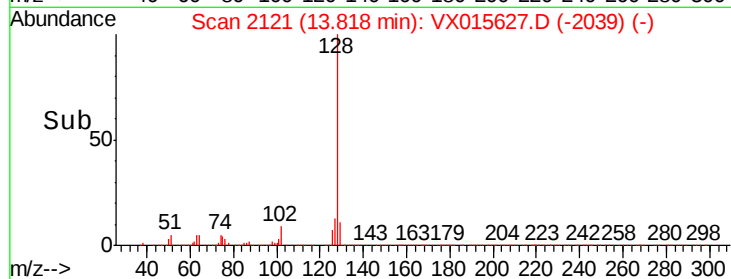
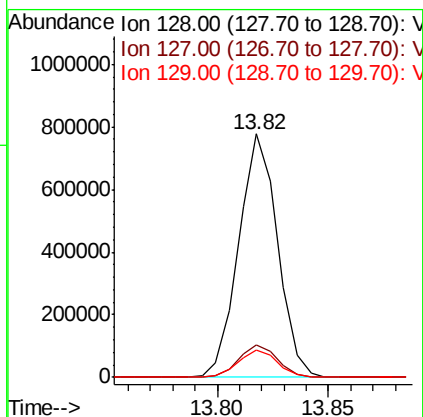
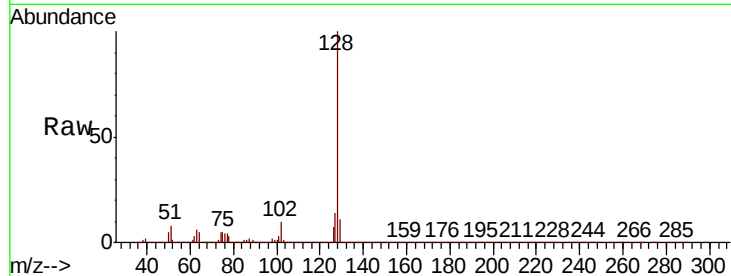




#91
Naphthalene
Concen: 19.000 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.1	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 16.668 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. -0.00 min
Lab File: VX015627.D
Acq: 10 Apr 2020 17:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	191.0
145	31.4	0.0	62.2

