

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041020\
 Data File : VX015625.D
 Acq On : 10 Apr 2020 16:41
 Operator : JC/SP
 Sample : VX0410WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Quant Time: Apr 11 00:32:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	944604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1592253	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1502300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	795248	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	739552	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
35) Dibromofluoromethane	5.47	113	529213	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	8.70	98	1898991	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
62) 4-Bromofluorobenzene	11.12	95	787414	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	126953	15.255	ug/l	98
3) Chloromethane	1.31	50	200006	18.872	ug/l	98
4) Vinyl Chloride	1.39	62	182966	18.801	ug/l	99
5) Bromomethane	1.63	94	135536	26.396	ug/l	97
6) Chloroethane	1.72	64	125182	20.741	ug/l	99
7) Trichlorofluoromethane	1.92	101	237825	18.223	ug/l	98
8) Diethyl Ether	2.17	74	128430	23.331	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	141799	16.667	ug/l	95
10) Methyl Iodide	2.50	142	193711	16.888	ug/l	98
11) Tert butyl alcohol	3.01	59	289279	90.716	ug/l	99
12) 1,1-Dichloroethene	2.36	96	165226	18.527	ug/l	94
13) Acrolein	2.27	56	82478	45.405	ug/l	100
14) Allyl chloride	2.71	41	398863	19.141	ug/l	97
15) Acrylonitrile	3.11	53	654683	107.654	ug/l	99
16) Acetone	2.42	43	602781	105.313	ug/l	99
17) Carbon Disulfide	2.55	76	449793	16.533	ug/l	97
18) Methyl Acetate	2.75	43	358158	24.517	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	755002	21.829	ug/l	98
20) Methylene Chloride	2.84	84	221163	20.687	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	197570	19.962	ug/l	99
22) Diisopropyl ether	3.83	45	796852	21.581	ug/l	99
23) Vinyl Acetate	3.79	43	3497200	104.608	ug/l	99
24) 1,1-Dichloroethane	3.67	63	391209	20.123	ug/l	99
25) 2-Butanone	4.64	43	941817	102.317	ug/l	99
26) 2,2-Dichloropropane	4.56	77	317813	19.916	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	241384	21.080	ug/l	100
28) Bromochloromethane	4.98	49	215340	23.199	ug/l	97
29) Tetrahydrofuran	5.09	42	610974	103.247	ug/l	99
30) Chloroform	5.18	83	394999	21.118	ug/l	98
31) Cyclohexane	5.55	56	279087	16.548	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	328681	19.417	ug/l	98
36) 1,1-Dichloropropene	5.78	75	261924	17.853	ug/l	98
37) Ethyl Acetate	4.80	43	371476	19.446	ug/l	100
38) Carbon Tetrachloride	5.76	117	273737	17.227	ug/l	100

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 Sample : VX0410WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

Quant Time: Apr 11 00:32:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	252751	14.942	ug/l	96
40) Benzene	6.12	78	852238	19.831	ug/l	98
41) Methacrylonitrile	5.01	41	215101	20.285	ug/l	99
42) 1,2-Dichloroethane	6.17	62	357914	20.734	ug/l	99
43) Isopropyl Acetate	6.42	43	637503	19.769	ug/l	99
44) Trichloroethene	7.19	130	234026	19.968	ug/l	95
45) 1,2-Dichloropropane	7.50	63	231703	19.709	ug/l	99
46) Dibromomethane	7.64	93	156422	20.283	ug/l	97
47) Bromodichloromethane	7.88	83	327605	19.937	ug/l	98
48) Methyl methacrylate	7.75	41	317137	19.689	ug/l	99
49) 1,4-Dioxane	7.71	88	104724	348.527	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1891101	103.480	ug/l	99
52) Toluene	8.77	92	529886	19.999	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	368214	19.106	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	387087	19.717	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	229880	21.177	ug/l	98
56) Ethyl methacrylate	9.16	69	380108	19.869	ug/l	99
57) 1,3-Dichloropropane	9.35	76	406363	20.778	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	990305	106.423	ug/l	100
59) 2-Hexanone	9.48	43	1417027	102.704	ug/l	100
60) Dibromochloromethane	9.57	129	262243	20.105	ug/l	100
61) 1,2-Dibromoethane	9.65	107	244581	20.721	ug/l	98
64) Tetrachloroethene	9.32	164	219081	19.324	ug/l	95
65) Chlorobenzene	10.12	112	590038	19.694	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	237035	19.803	ug/l	99
67) Ethyl Benzene	10.24	91	1012700	19.058	ug/l	99
68) m/p-Xylenes	10.34	106	763710	38.597	ug/l	99
69) o-Xylene	10.68	106	380514	19.461	ug/l	99
70) Styrene	10.70	104	679643	19.754	ug/l	99
71) Bromoform	10.84	173	205422	18.853	ug/l #	99
73) Isopropylbenzene	11.00	105	980096	18.810	ug/l	99
74) N-amyl acetate	10.88	43	536689	18.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	343739	19.225	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	418844	25.612	ug/l	84
77) Bromobenzene	11.24	156	286441	20.609	ug/l	94
78) n-propylbenzene	11.34	91	1100657	18.473	ug/l	100
79) 2-Chlorotoluene	11.40	91	710300	19.450	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	844843	18.985	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	116252	17.057	ug/l	95
82) 4-Chlorotoluene	11.49	91	837996	19.574	ug/l	99
83) tert-Butylbenzene	11.76	119	813357	18.712	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	881143	19.431	ug/l	99
85) sec-Butylbenzene	11.93	105	899455	17.892	ug/l	99
86) p-Isopropyltoluene	12.05	119	872940	18.705	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	495226	19.903	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	500234	19.738	ug/l	99
89) n-Butylbenzene	12.37	91	748053	17.737	ug/l	100
90) Hexachloroethane	12.58	117	151030	16.627	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	488993	20.082	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	87000	17.240	ug/l	96

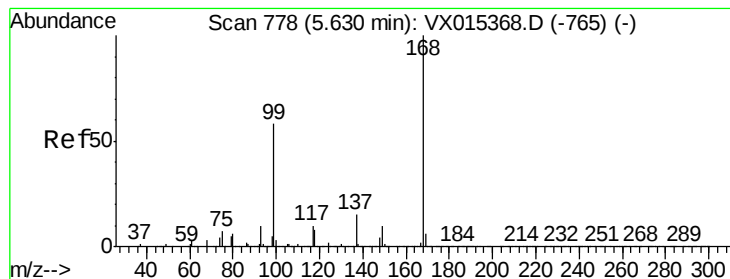
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041020\
Data File : VX015625.D
Acq On : 10 Apr 2020 16:41
Operator : JC/SP
Sample : VX0410WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Quant Time: Apr 11 00:32:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	366481	19.028	ug/l	98
94) Hexachlorobutadiene	13.77	225	150897	16.455	ug/l	98
95) Naphthalene	13.82	128	1198123	20.393	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	358509	19.333	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

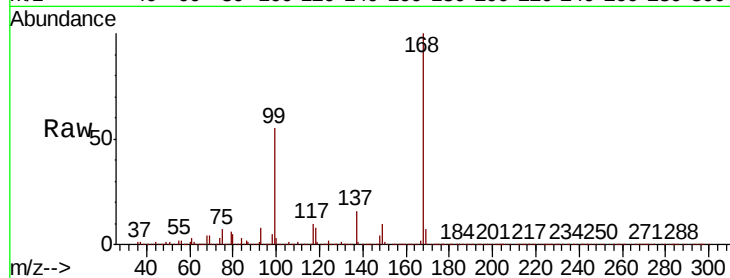
VX0410WBSD01

Tot Ion:168 Resp: 944604

Ion Ratio Lower Upper

168 100

99 54.7 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

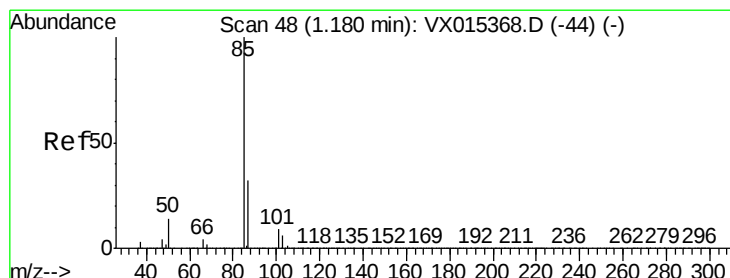
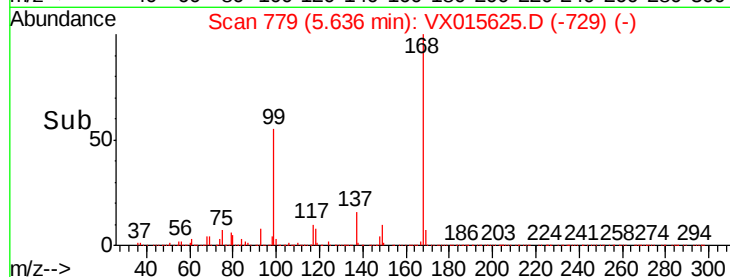
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.255 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015625.D

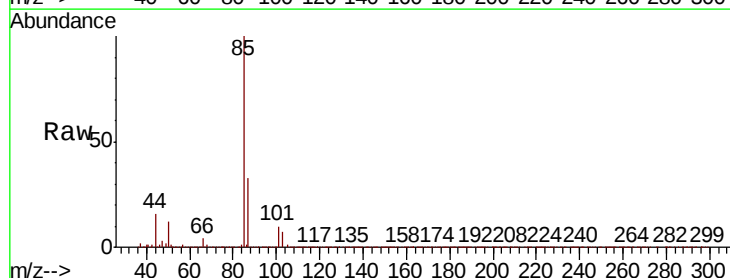
Acq: 10 Apr 2020 16:41

Tgt Ion: 85 Resp: 126953

Ion Ratio Lower Upper

85 100

87 32.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

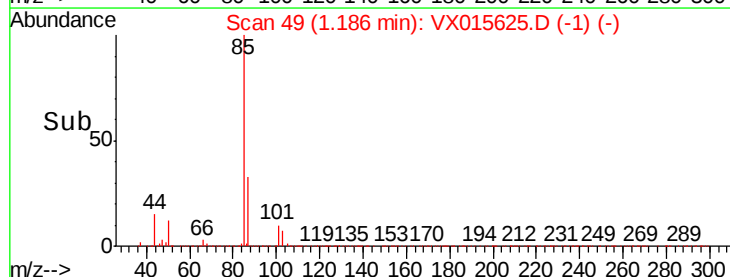
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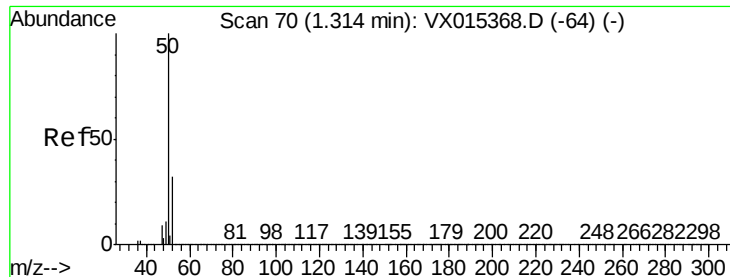
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Time-->

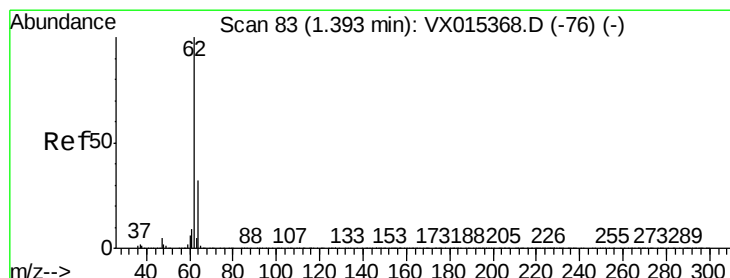
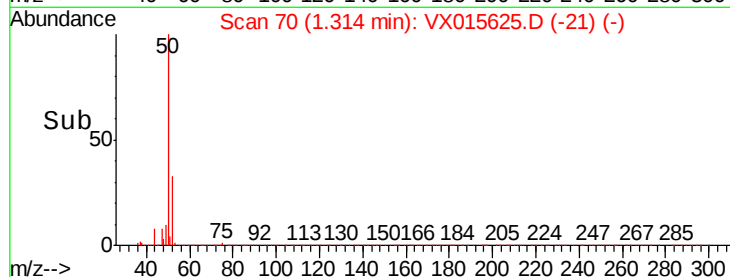
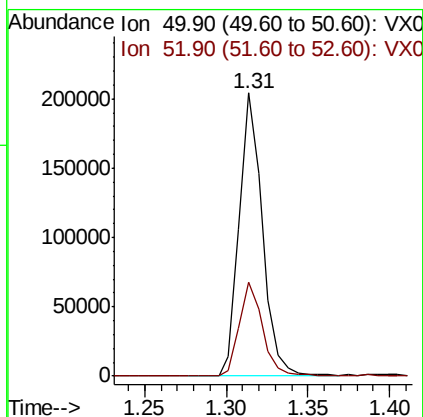
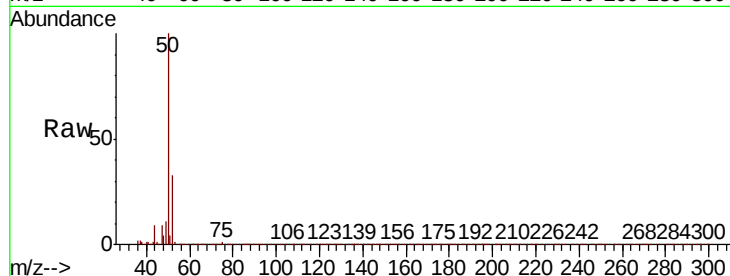




#3
Chloromethane
Concen: 18.872 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

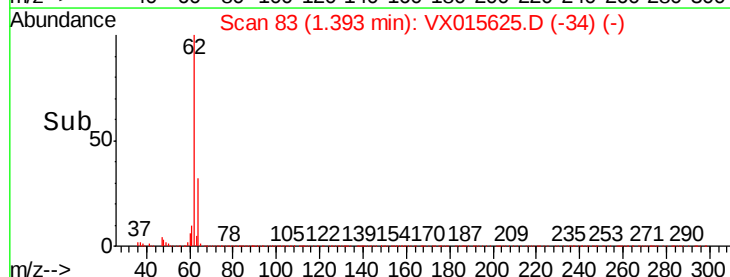
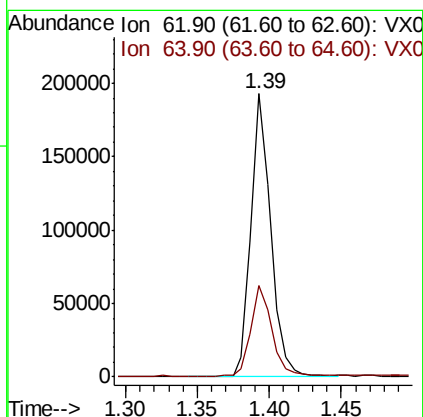
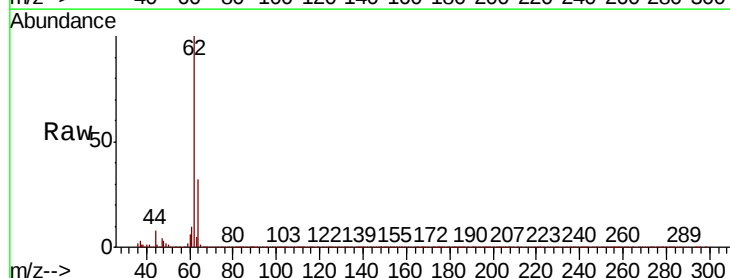
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

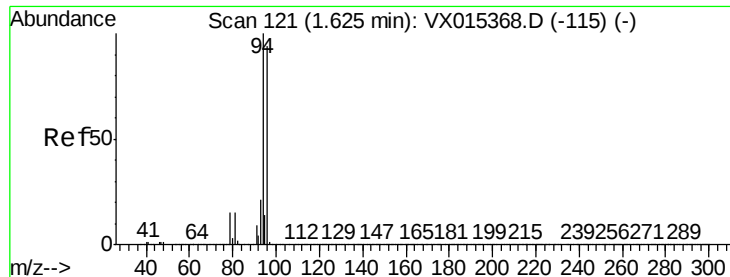
Tot Ion: 50 Resp: 200006
Ion Ratio Lower Upper
50 100
52 33.0 25.3 37.9



#4
Vinyl Chloride
Concen: 18.801 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion: 62 Resp: 182966
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0





#5

Bromomethane

Concen: 26.396 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

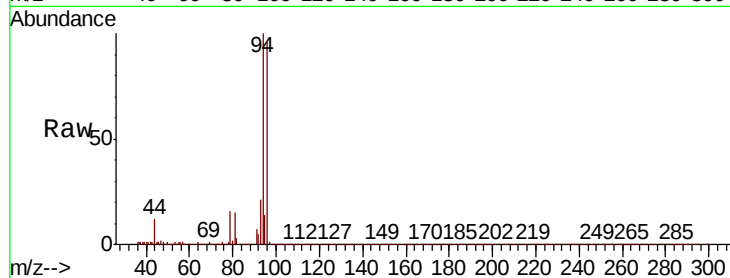
VX0410WBSD01

Tot Ion: 94 Resp: 135536

Ion Ratio Lower Upper

94 100

96 96.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

120000

100000

80000

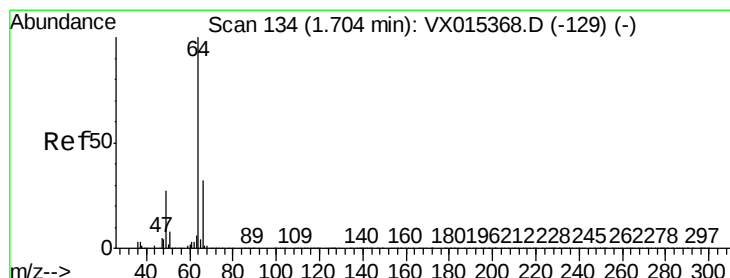
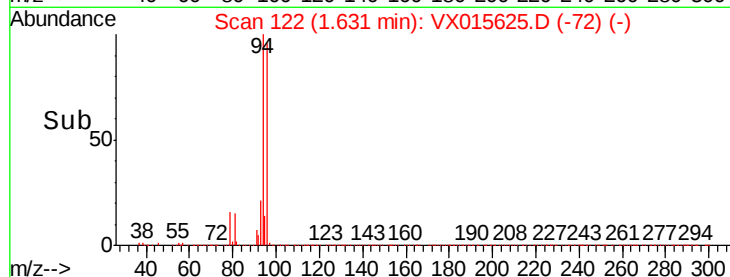
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 20.741 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015625.D

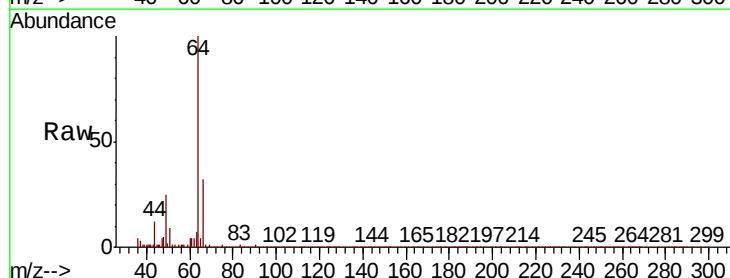
Acq: 10 Apr 2020 16:41

Tgt Ion: 64 Resp: 125182

Ion Ratio Lower Upper

64 100

66 31.1 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

120000

100000

80000

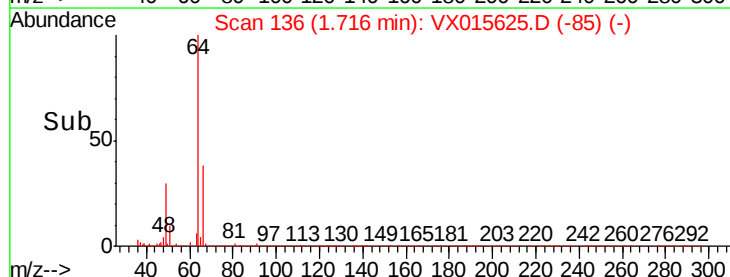
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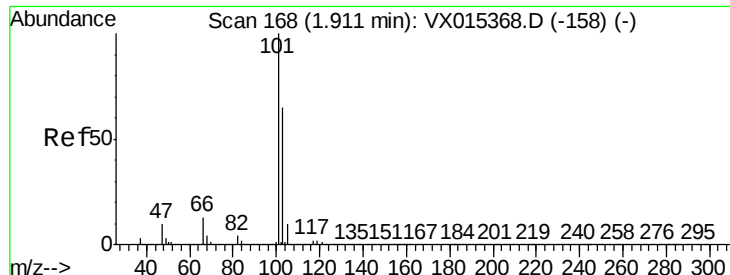
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20000

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Time-->



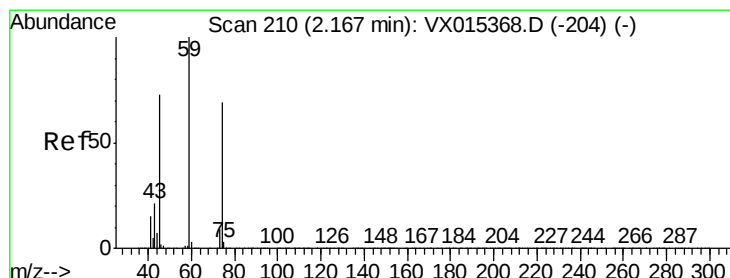
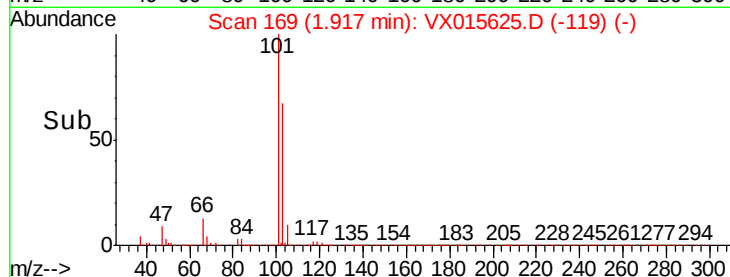
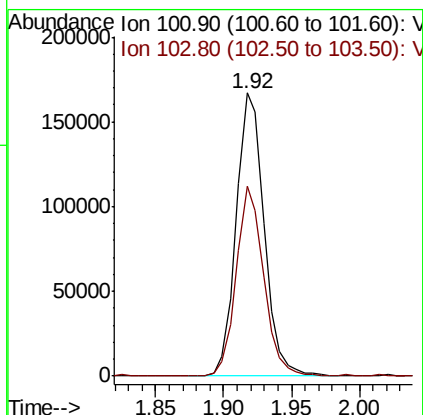
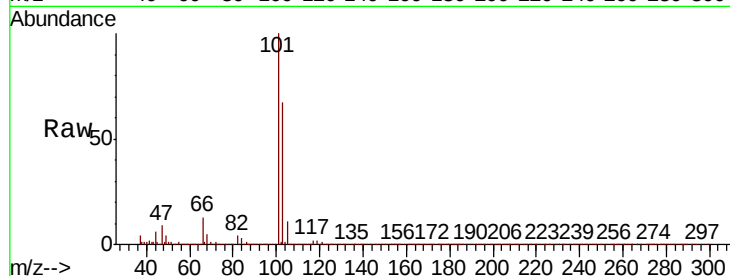


#7

Trichlorofluoromethane
Concen: 18.223 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

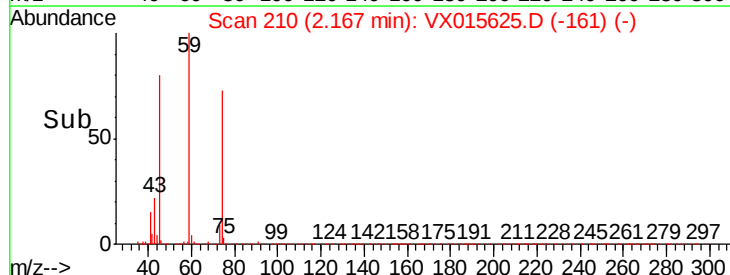
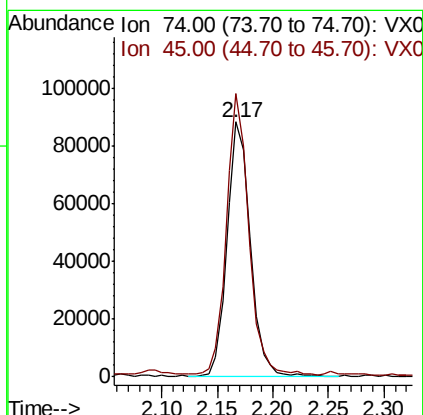
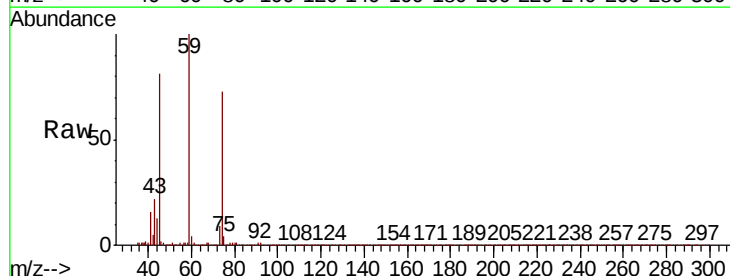
Tot Ion:101 Resp: 237825
Ion Ratio Lower Upper
101 100
103 66.8 52.3 78.5



#8

Diethyl Ether
Concen: 23.331 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion: 74 Resp: 128430
Ion Ratio Lower Upper
74 100
45 105.2 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.667 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

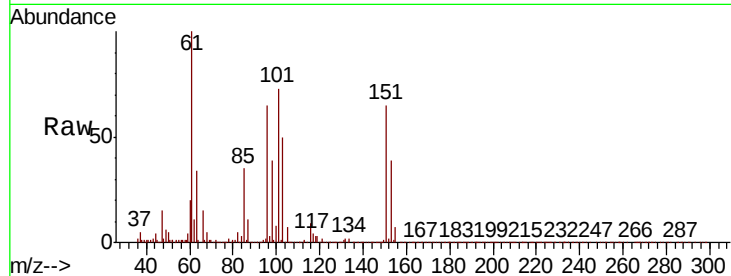
Tot Ion:101 Resp: 141799

Ion Ratio Lower Upper

101 100

85 44.4 35.0 52.4

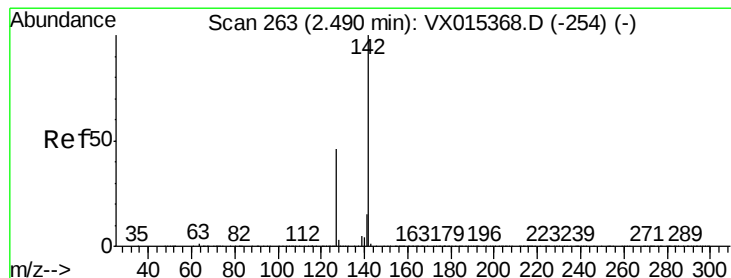
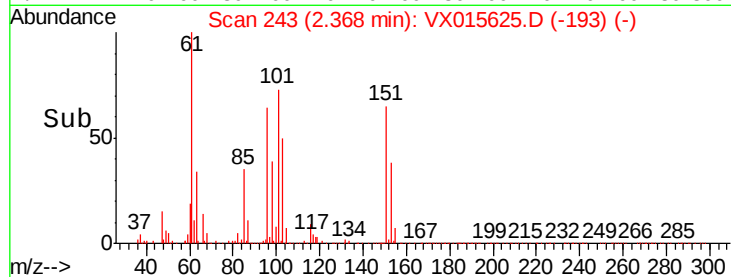
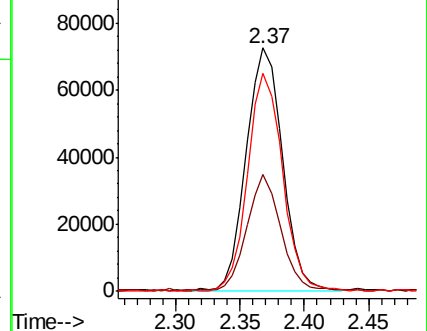
151 86.2 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.888 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.01 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

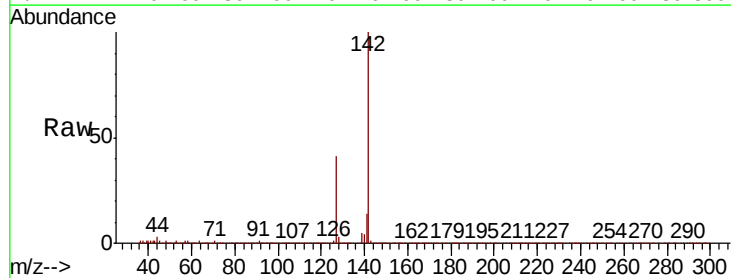
Tgt Ion:142 Resp: 193711

Ion Ratio Lower Upper

142 100

127 43.2 35.9 53.9

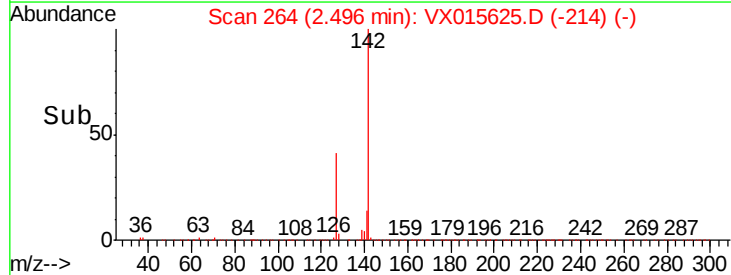
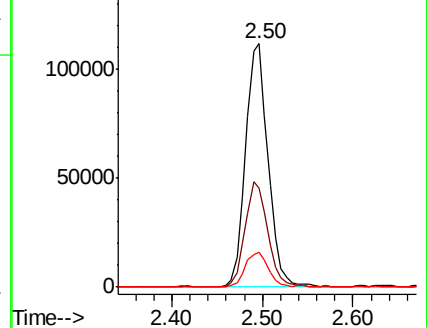
141 14.6 11.6 17.4

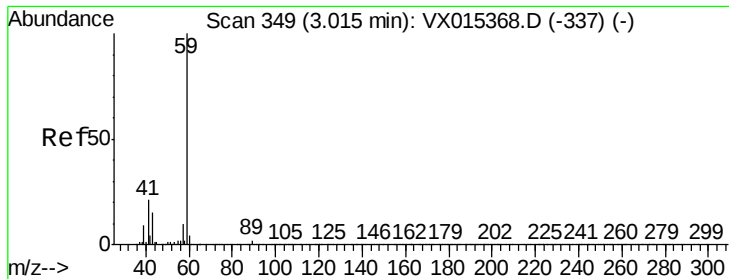


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

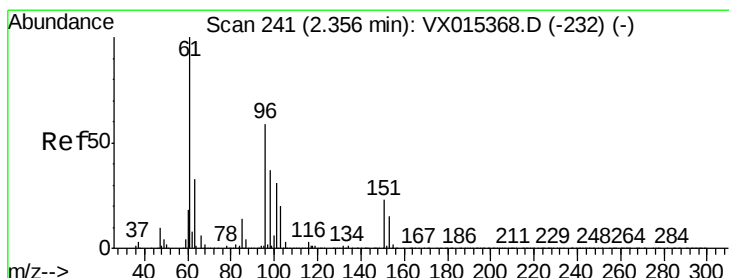
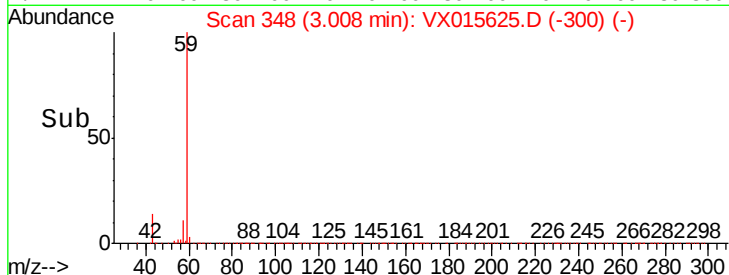
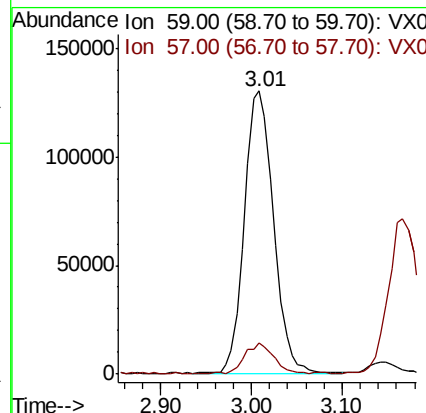
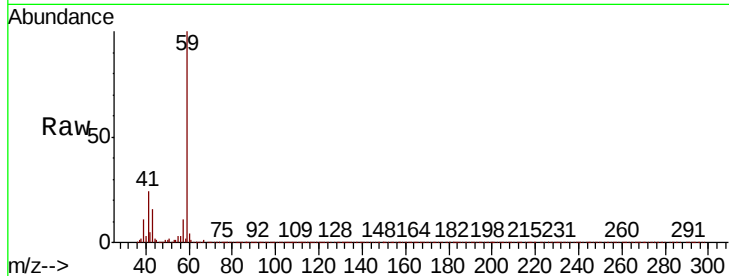




#11
Tert butyl alcohol
Concen: 90.716 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

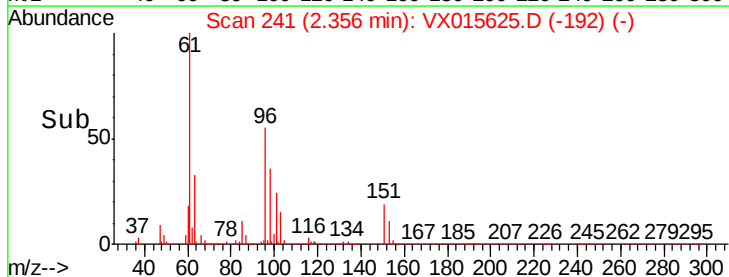
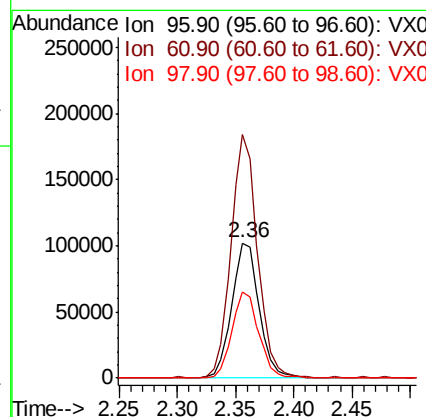
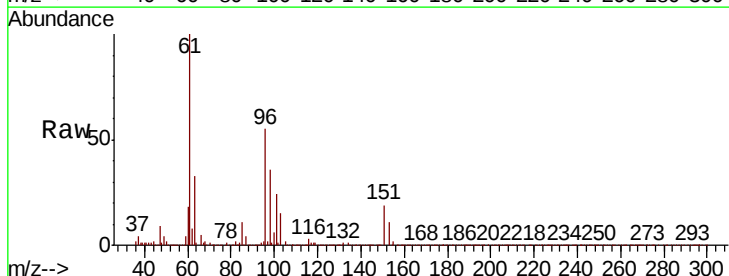
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

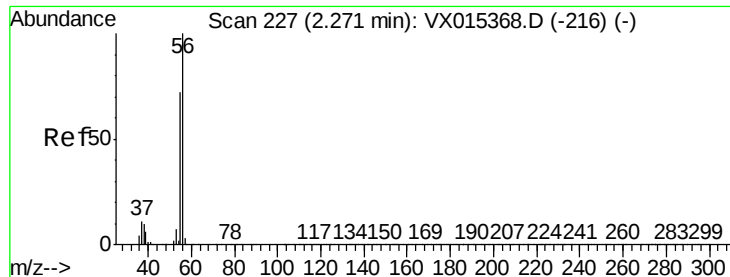
Tot Ion: 59 Resp: 289279
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.527 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion: 96 Resp: 165226
Ion Ratio Lower Upper
96 100
61 180.5 135.7 203.5
98 64.1 50.6 75.8





#13

Acrolein

Concen: 45.405 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

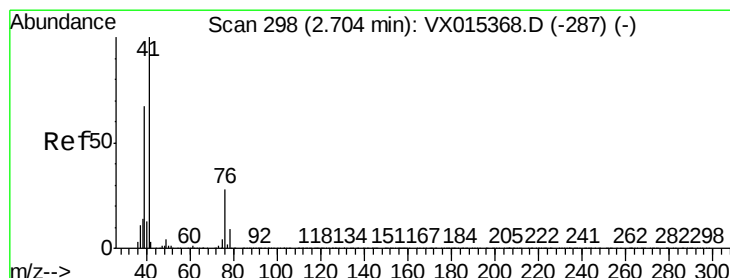
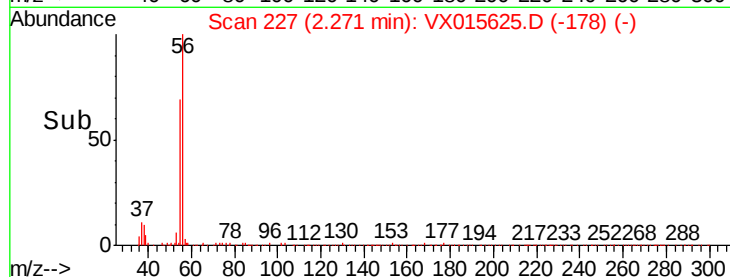
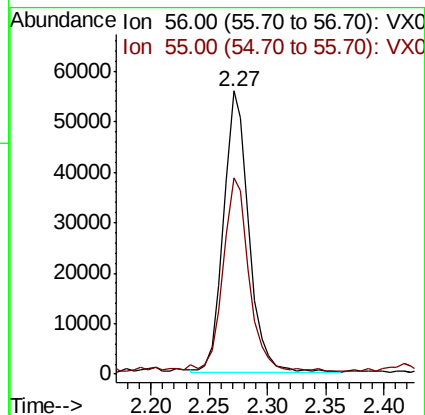
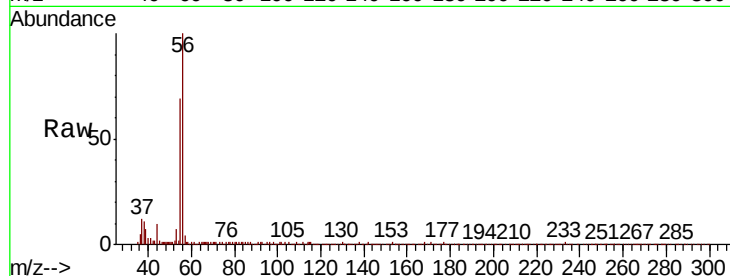
VX0410WBSD01

Tot Ion: 56 Resp: 82478

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 19.141 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

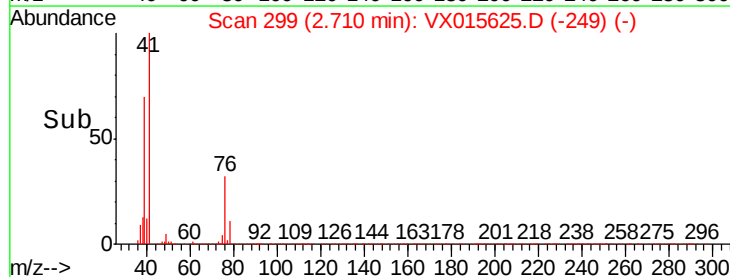
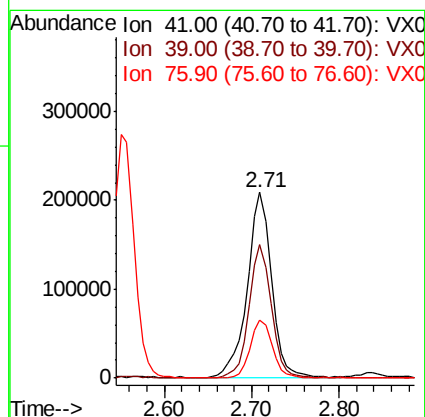
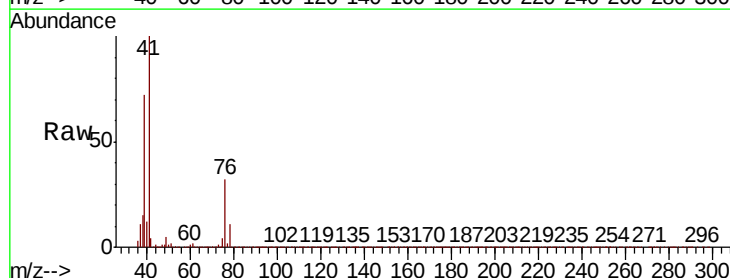
Tgt Ion: 41 Resp: 398863

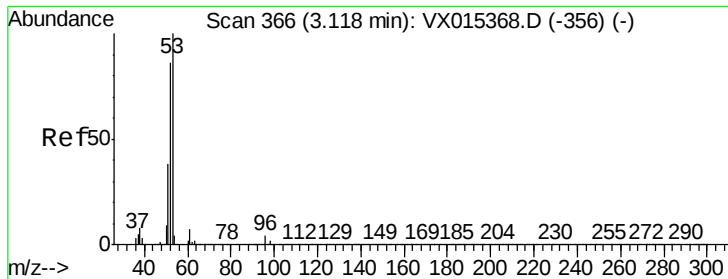
Ion Ratio Lower Upper

41 100

39 66.4 51.4 77.0

76 28.2 21.8 32.8





#15

Acrylonitrile

Concen: 107.654 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

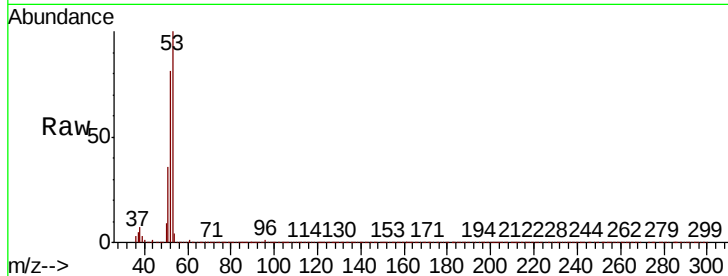
Tot Ion: 53 Resp: 654683

Ion Ratio Lower Upper

53 100

52 82.7 66.8 100.2

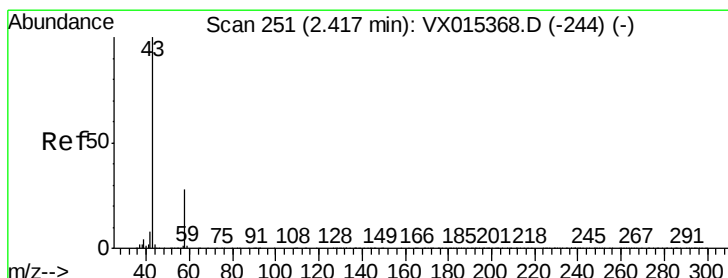
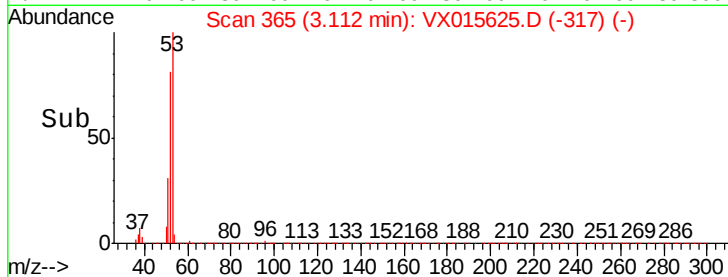
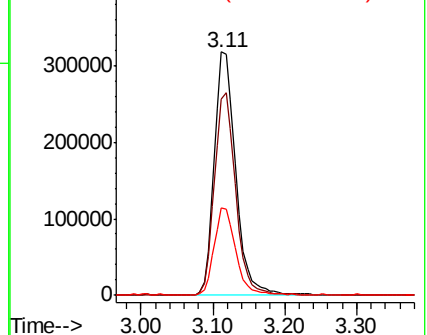
51 36.2 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 105.313 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015625.D

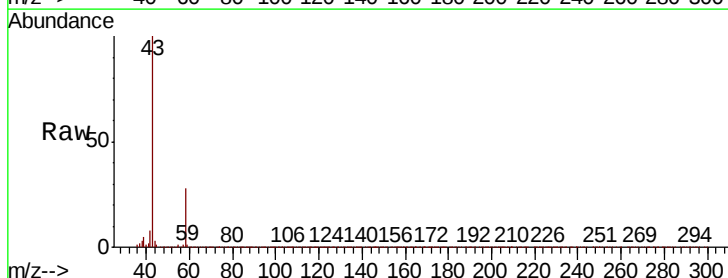
Acq: 10 Apr 2020 16:41

Tgt Ion: 43 Resp: 602781

Ion Ratio Lower Upper

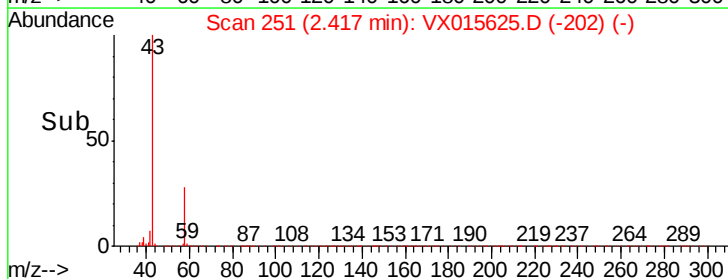
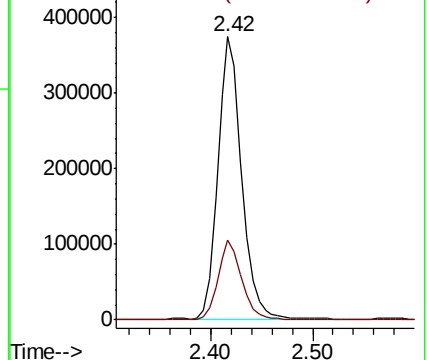
43 100

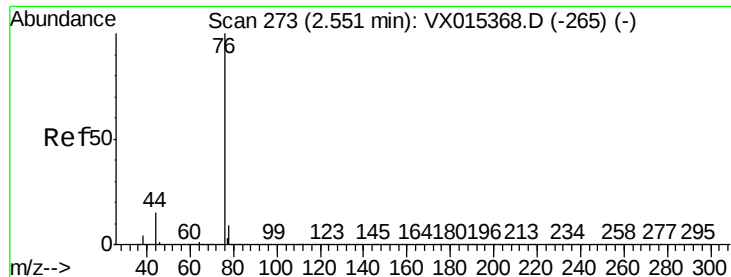
58 28.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.533 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

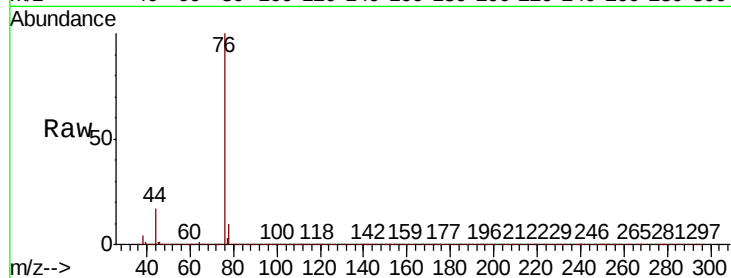
VX0410WBSD01

Tot Ion: 76 Resp: 449793

Ion Ratio Lower Upper

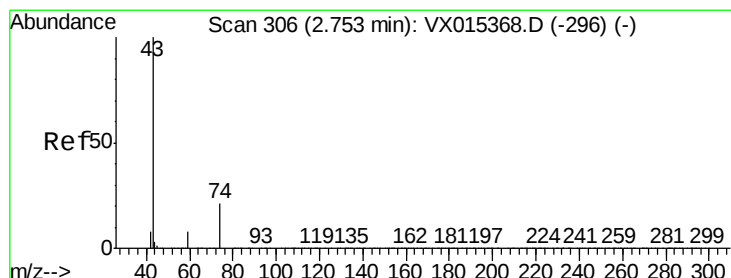
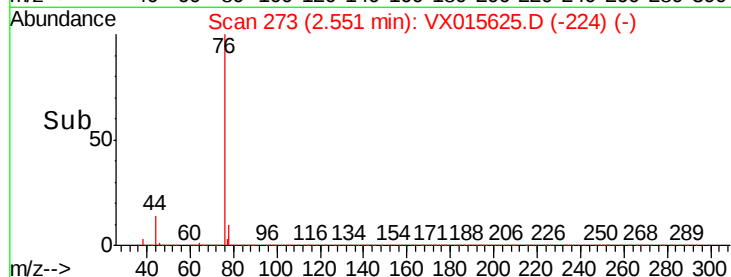
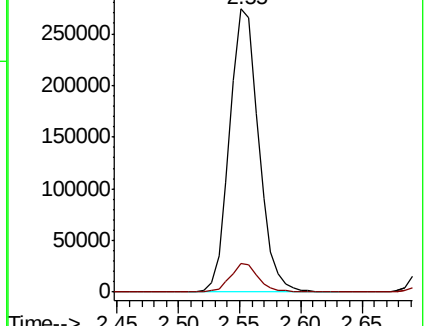
76 100

78 10.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 24.517 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015625.D

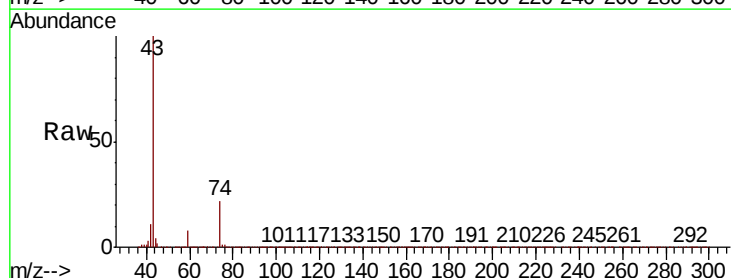
Acq: 10 Apr 2020 16:41

Tgt Ion: 43 Resp: 358158

Ion Ratio Lower Upper

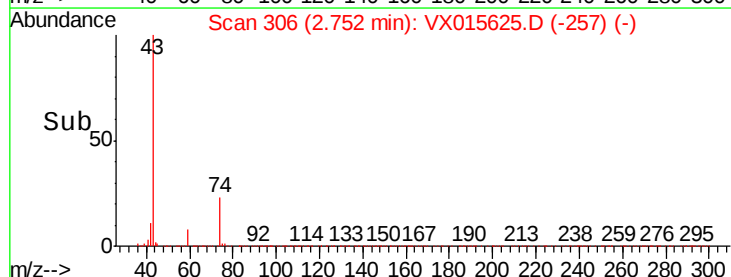
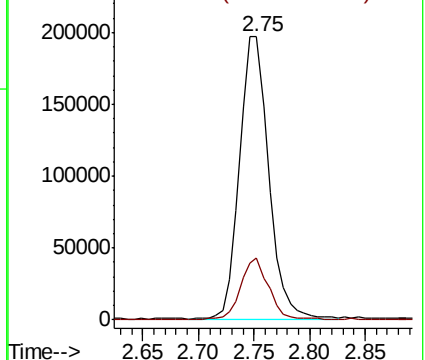
43 100

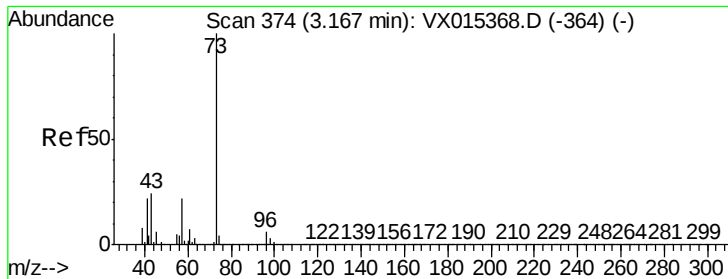
74 21.4 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

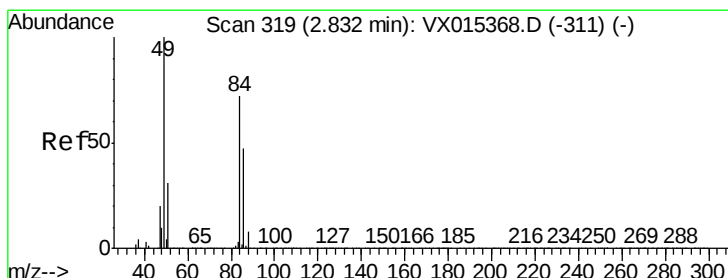
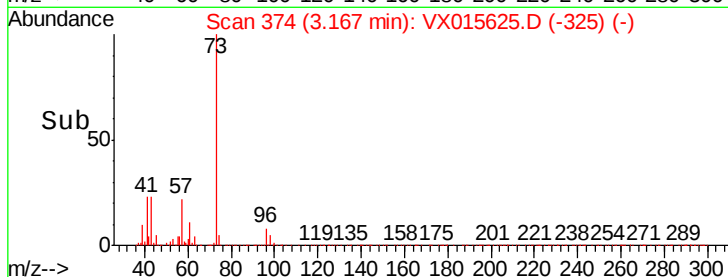
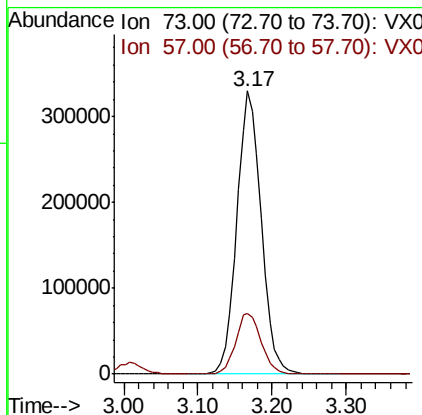
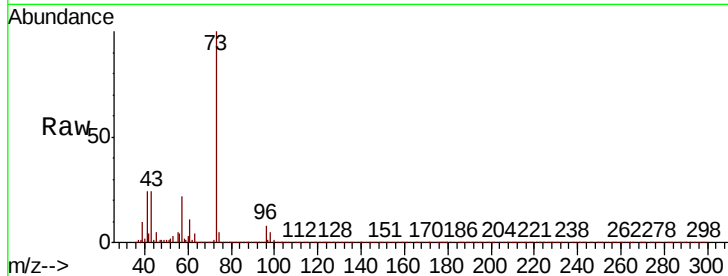




#19
Methyl tert-butyl Ether
Concen: 21.829 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

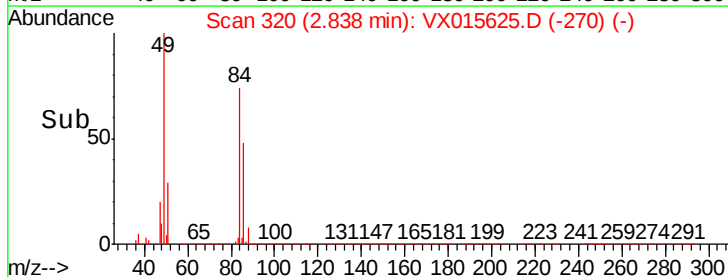
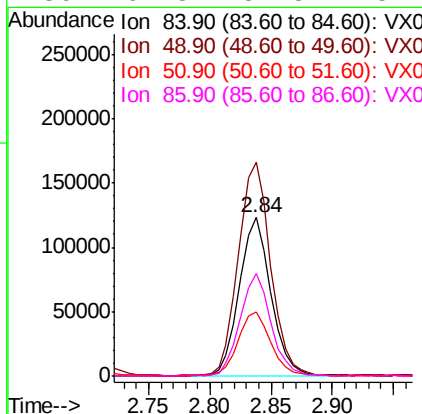
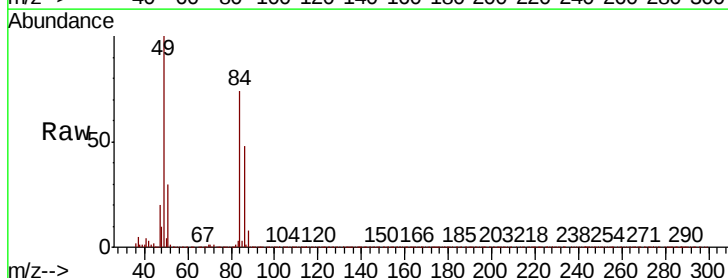
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

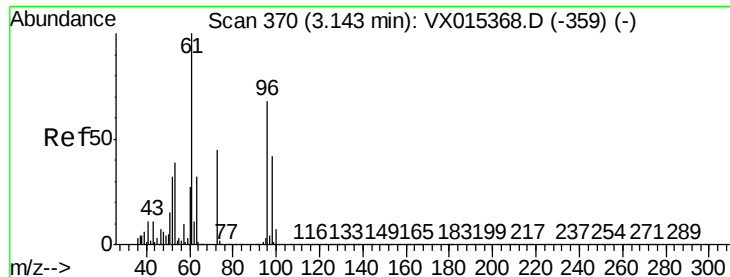
Tot Ion: 73 Resp: 755002
Ion Ratio Lower Upper
73 100
57 21.5 17.9 26.9



#20
Methylene Chloride
Concen: 20.687 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion: 84 Resp: 221163
Ion Ratio Lower Upper
84 100
49 134.1 111.3 166.9
51 39.6 34.0 51.0
86 64.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 19.962 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.01 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

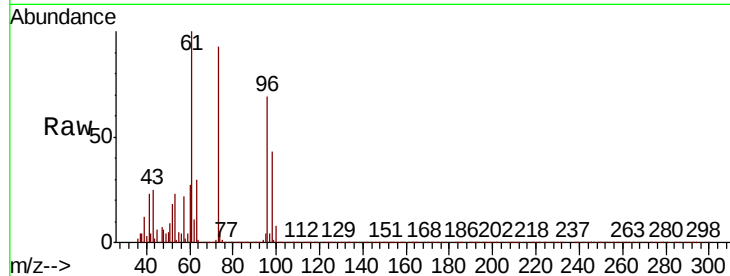
Tot Ion: 96 Resp: 197570

Ion Ratio Lower Upper

96 100

61 144.8 116.9 175.3

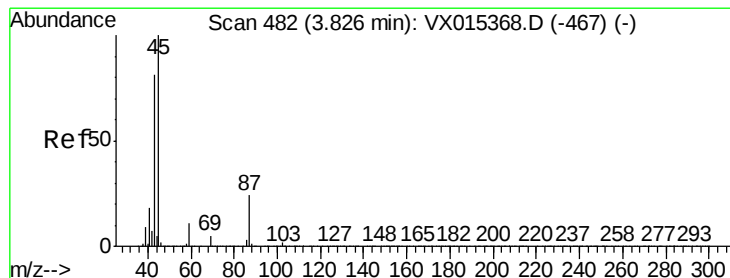
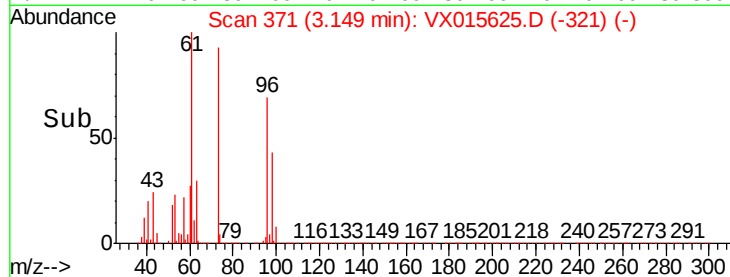
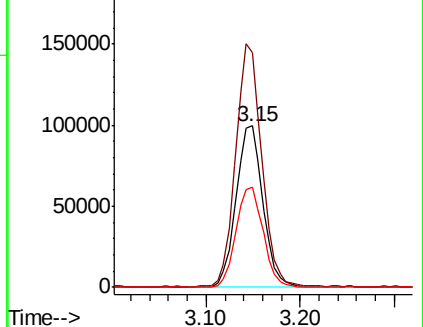
98 62.2 48.6 73.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.581 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Tgt Ion: 45 Resp: 796852

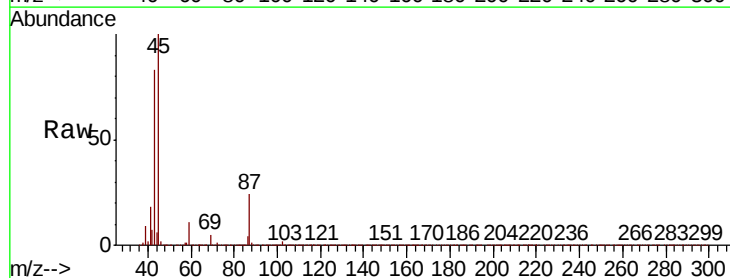
Ion Ratio Lower Upper

45 100

43 82.6 64.7 97.1

87 24.2 19.4 29.0

59 10.5 8.7 13.1

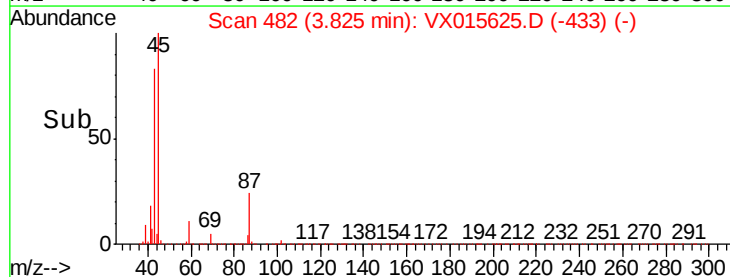
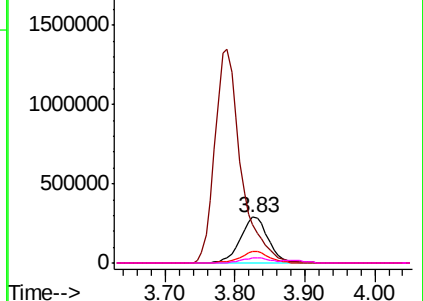


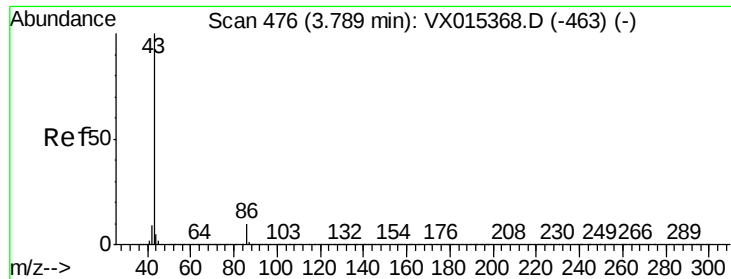
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 104.608 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

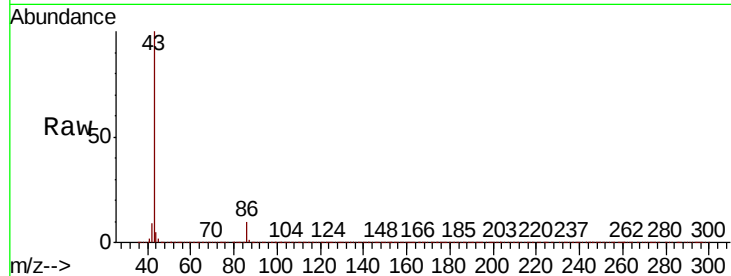
VX0410WBSD01

Tot Ion: 43 Resp: 3497200

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

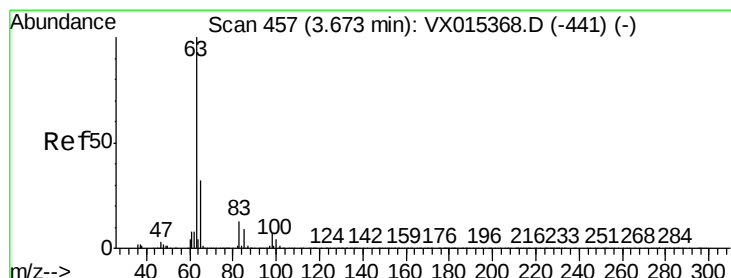
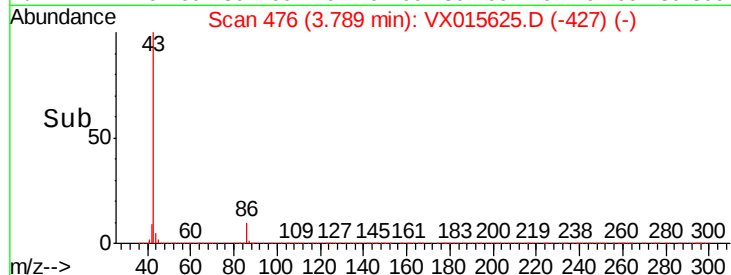
1500000

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.123 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

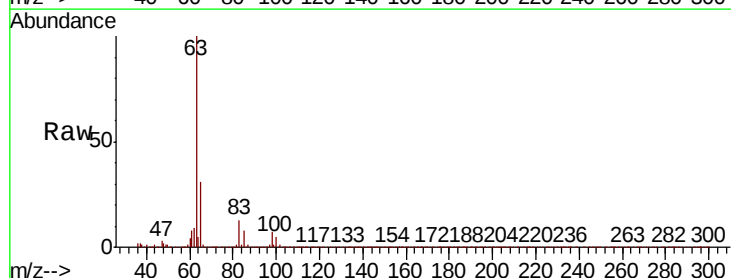
Tgt Ion: 63 Resp: 391209

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 4.7 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

200000

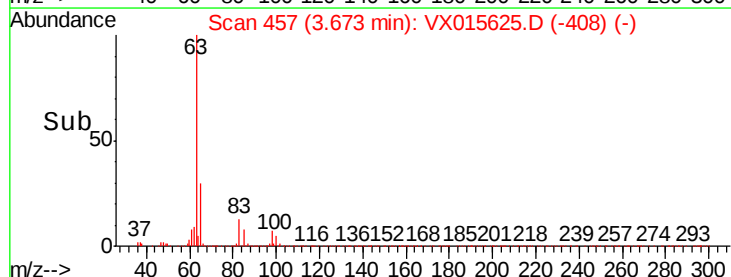
150000

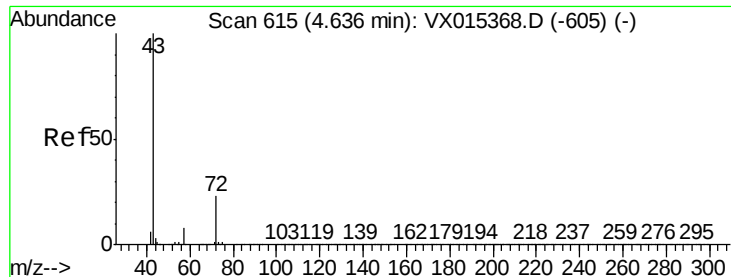
100000

50000

0

Time-->





#25

2-Butanone

Concen: 102.317 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

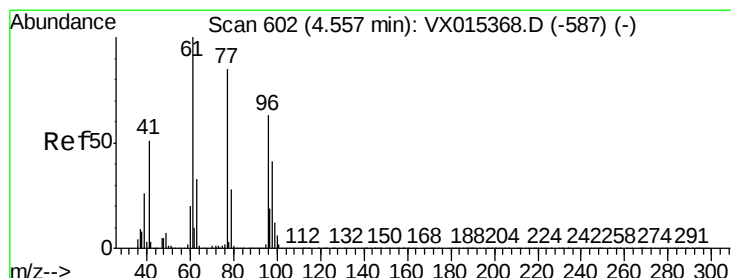
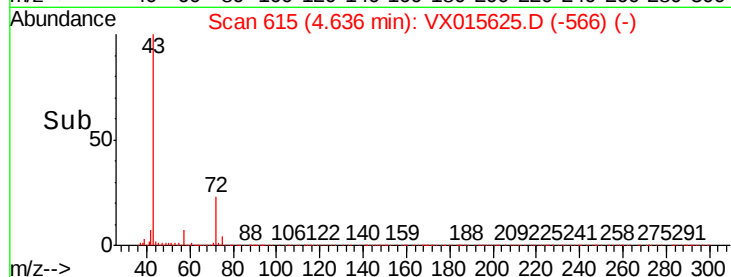
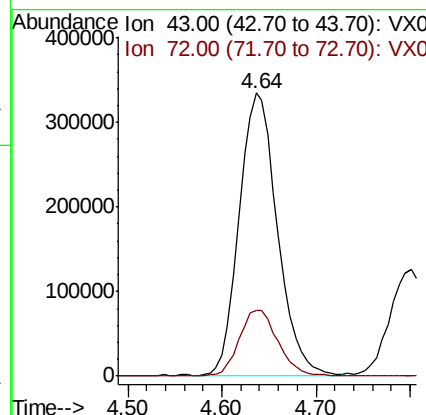
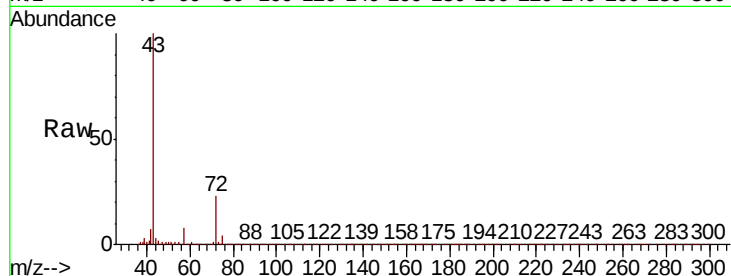
VX0410WBSD01

Tot Ion: 43 Resp: 941817

Ion Ratio Lower Upper

43 100

72 23.3 19.0 28.4



#26

2,2-Dichloropropane

Concen: 19.916 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015625.D

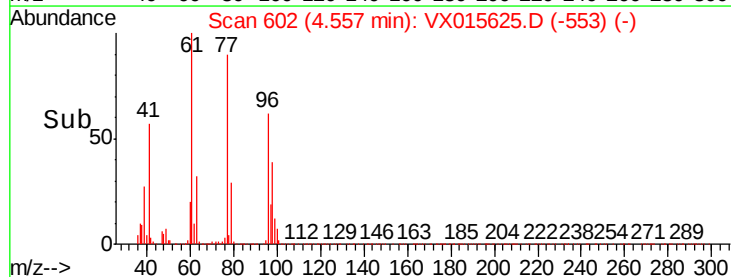
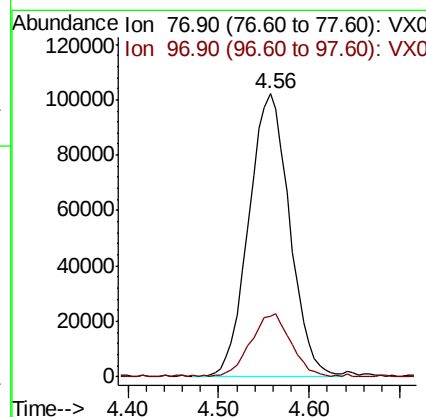
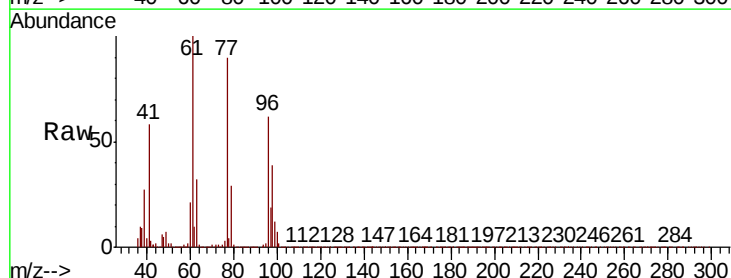
Acq: 10 Apr 2020 16:41

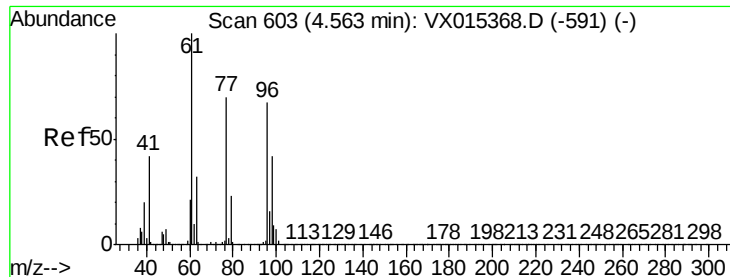
Tgt Ion: 77 Resp: 317813

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.8



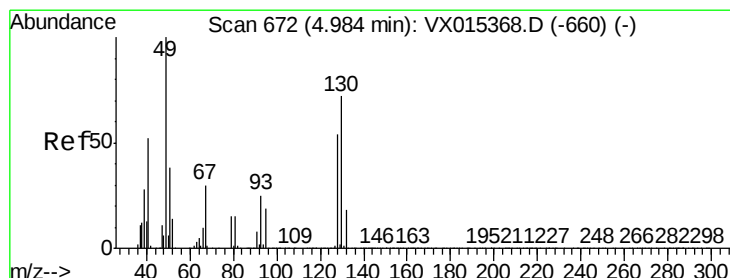
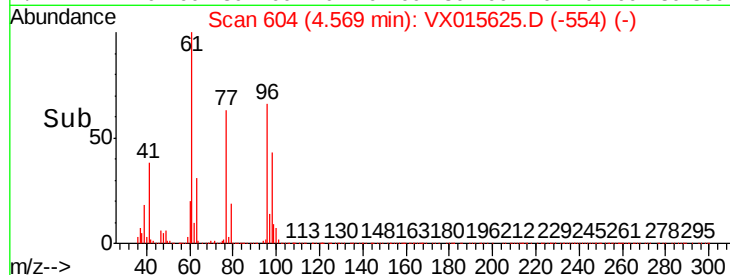
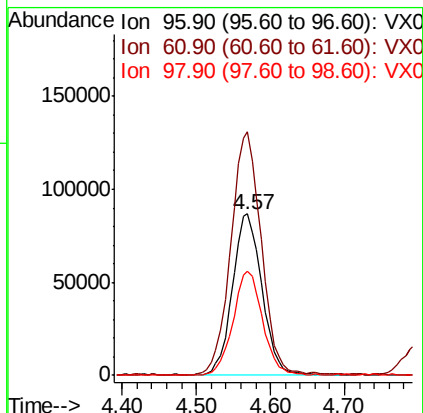
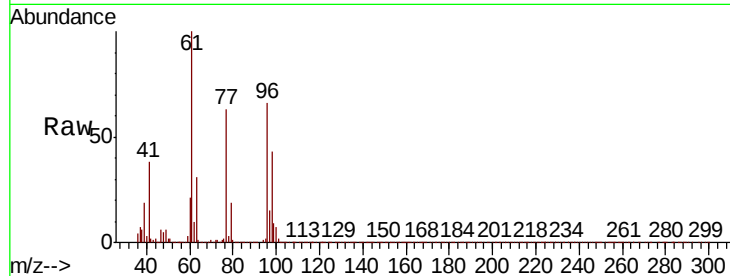


#27

cis-1,2-Dichloroethene
Concen: 21.080 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Instrument :
MSVOA_X
ClientSampled :
VX0410WBSD01

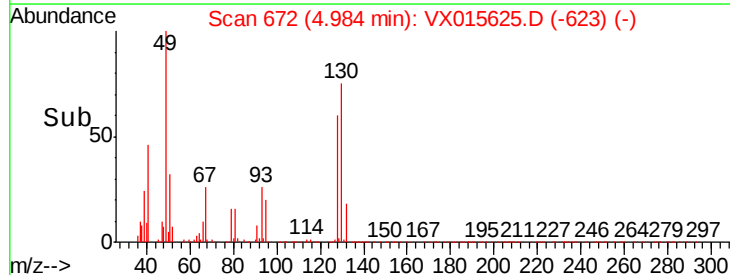
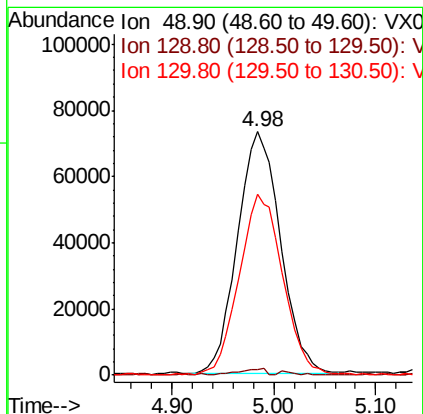
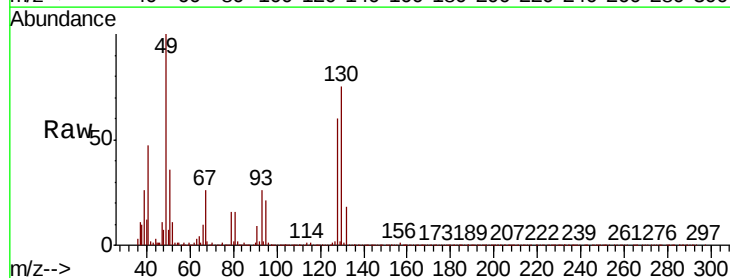
Tot Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	308.4
98	64.6	0.0	129.2

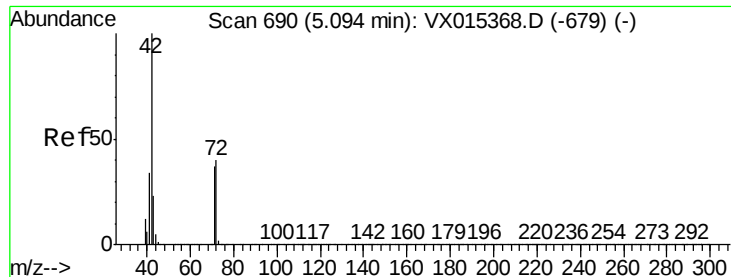


#28

Bromochloromethane
Concen: 23.199 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.4
130	75.0	57.7	86.5





#29

Tetrahydrofuran

Concen: 103.247 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

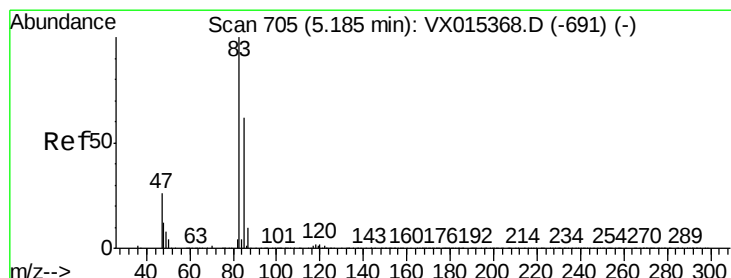
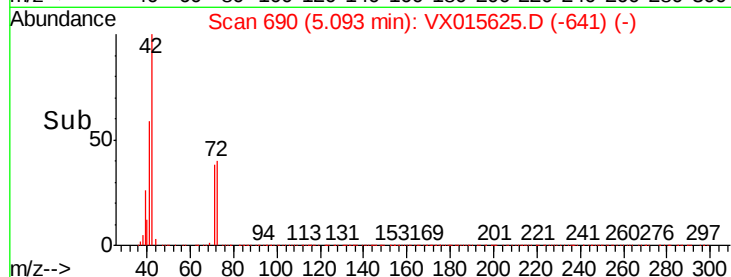
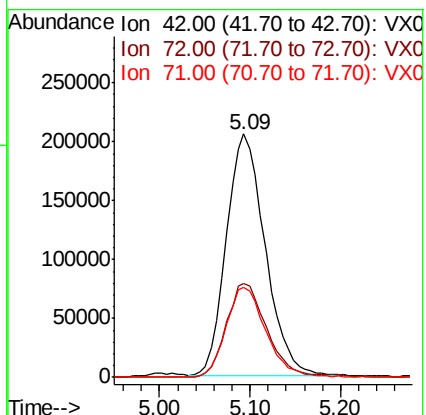
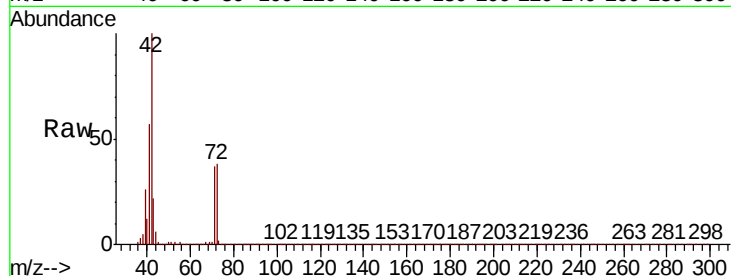
Tot Ion: 42 Resp: 610974

Ion Ratio Lower Upper

42 100

72 39.9 31.7 47.5

71 37.9 29.6 44.4



#30

Chloroform

Concen: 21.118 ug/l

RT: 5.18 min Scan# 705

Delta R.T. -0.00 min

Lab File: VX015625.D

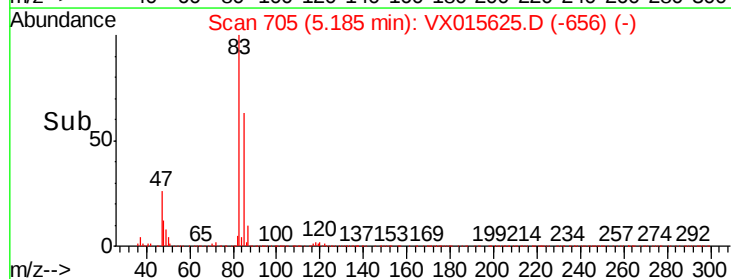
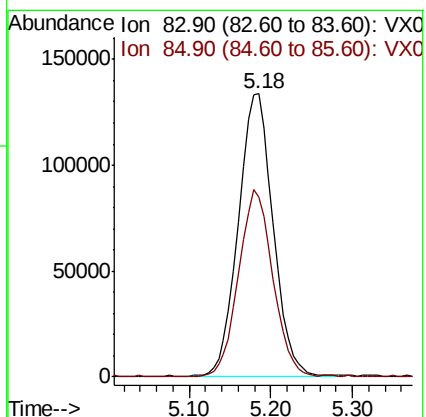
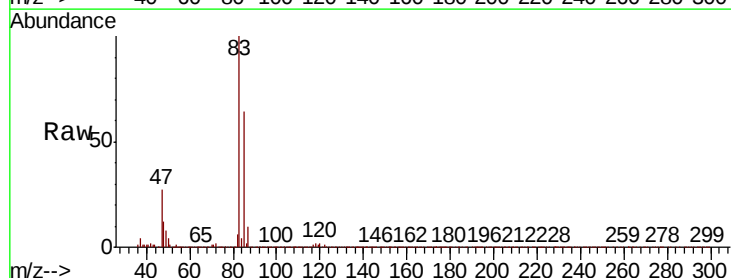
Acq: 10 Apr 2020 16:41

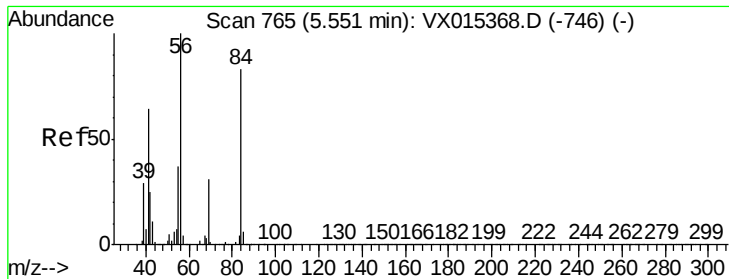
Tgt Ion: 83 Resp: 394999

Ion Ratio Lower Upper

83 100

85 63.5 49.5 74.3

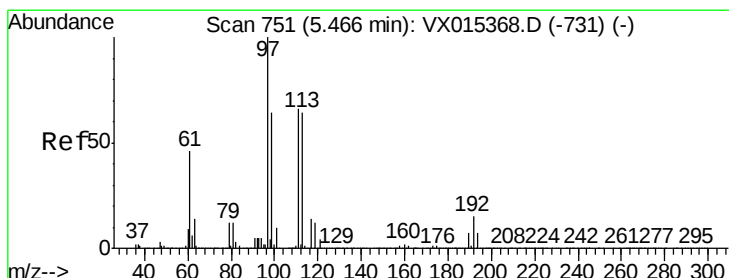
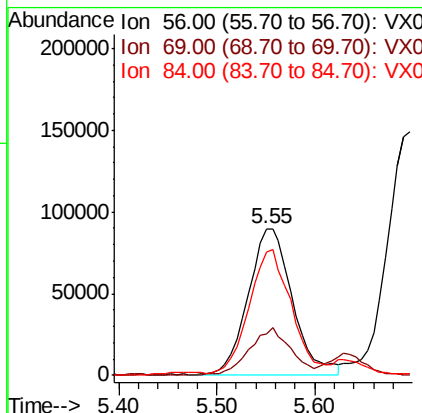
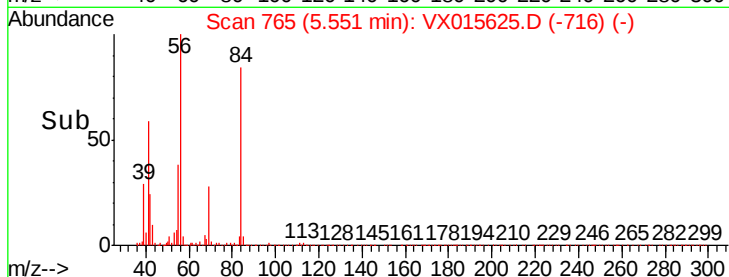
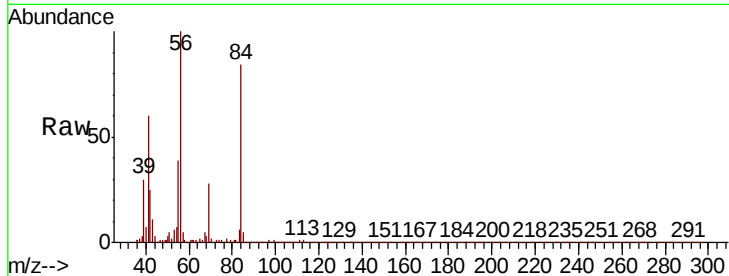




#31
Cyclohexane
Concen: 16.548 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

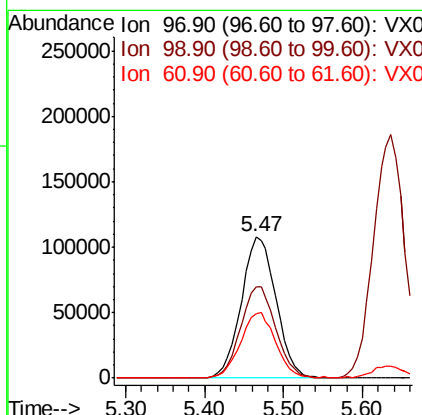
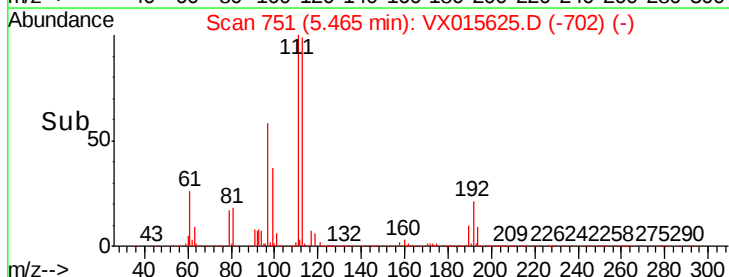
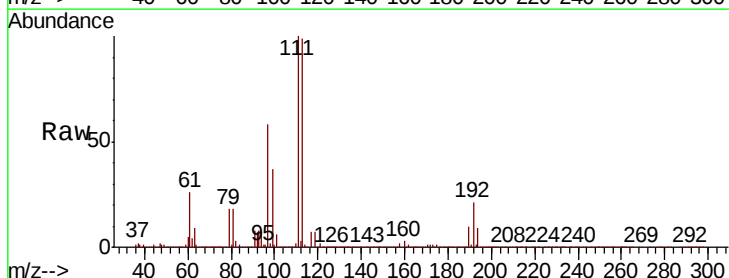
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

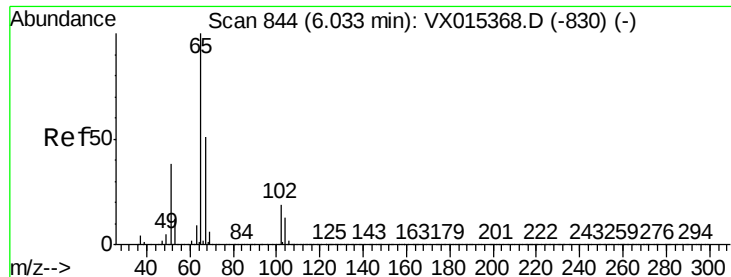
Tot Ion: 56 Resp: 279087
Ion Ratio Lower Upper
56 100
69 28.0 24.6 36.8
84 81.9 66.1 99.1



#32
1,1,1-Trichloroethane
Concen: 19.417 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion: 97 Resp: 328681
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 47.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 55.511 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

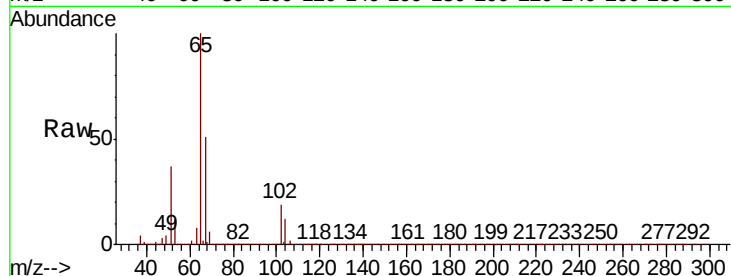
VX0410WBSD01

Tot Ion: 65 Resp: 739552

Ion Ratio Lower Upper

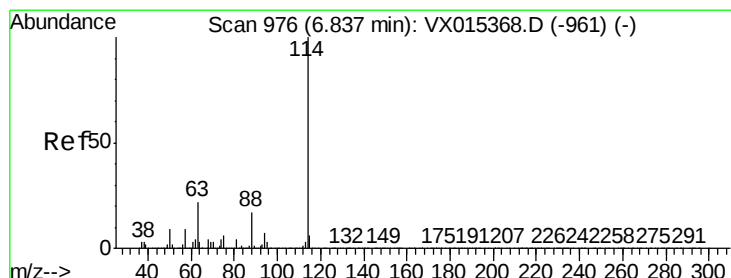
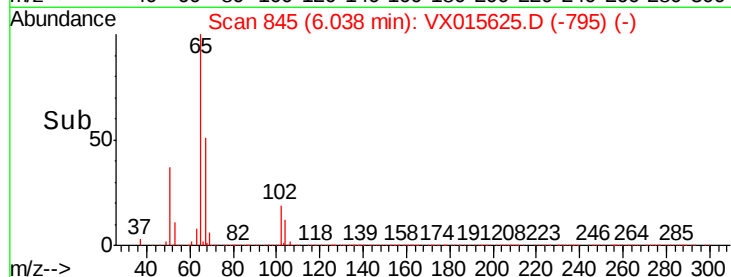
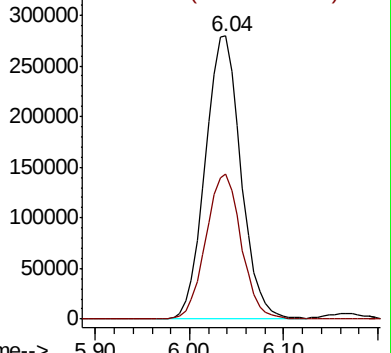
65 100

67 50.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

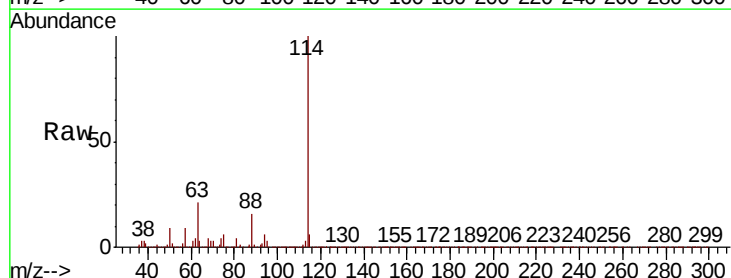
Tgt Ion: 114 Resp: 1592253

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.2

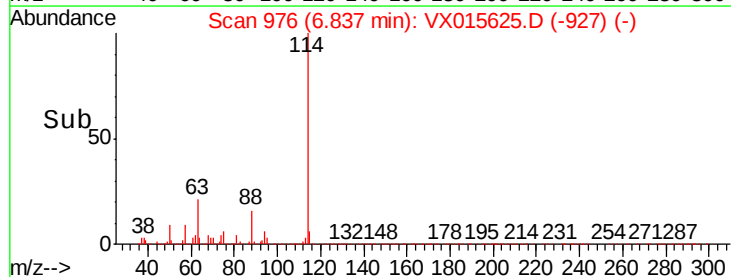
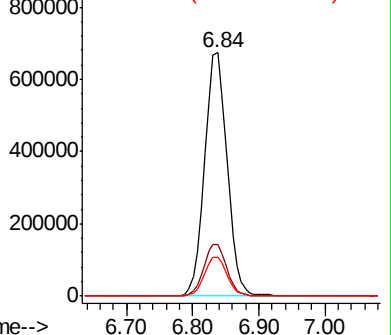
88 16.0 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

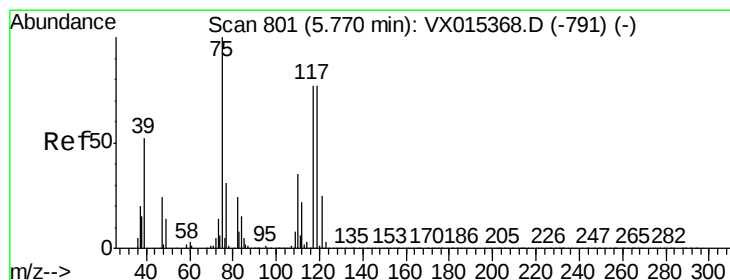
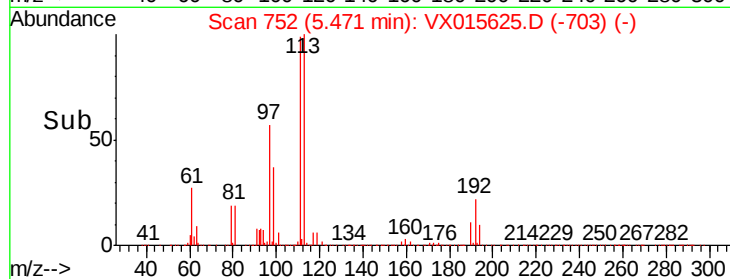
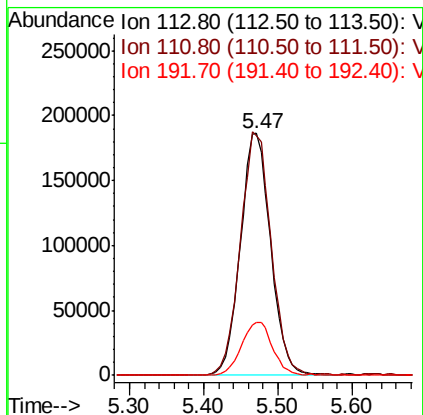
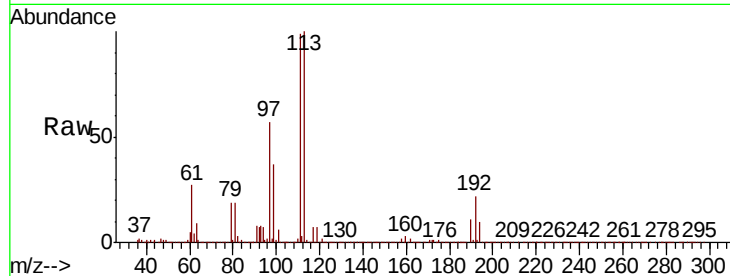




#35
 Dibromofluoromethane
 Concen: 51.995 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015625.D
 Acq: 10 Apr 2020 16:41

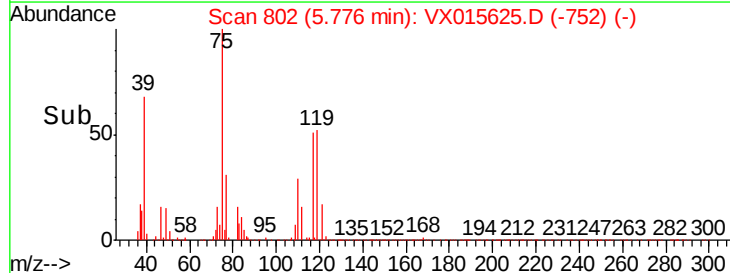
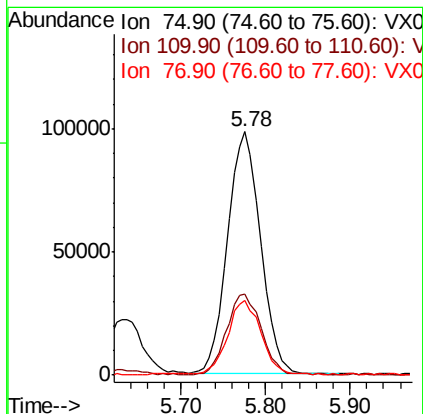
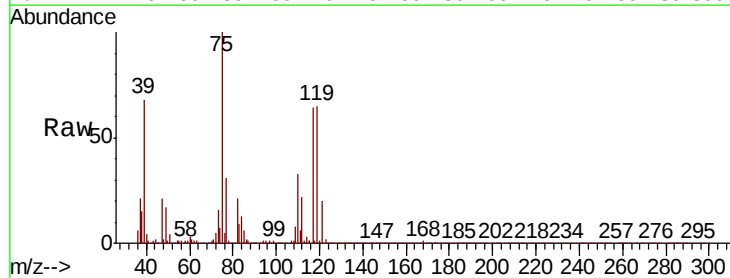
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

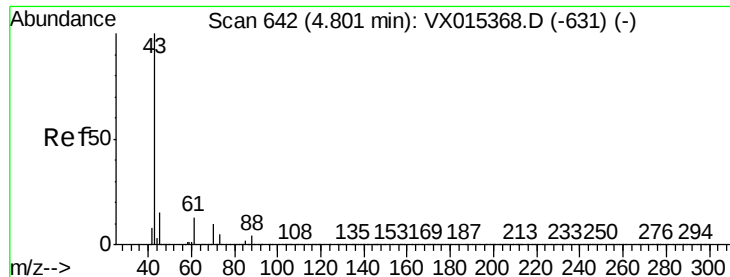
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	22.6	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 17.853 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015625.D
 Acq: 10 Apr 2020 16:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.1	51.3
77	30.3	24.6	36.8

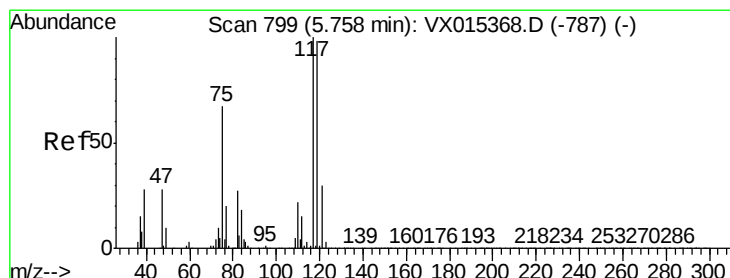
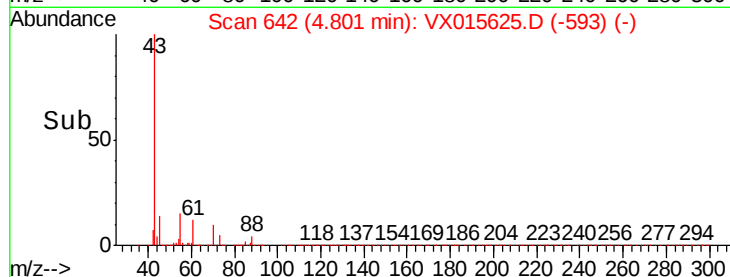
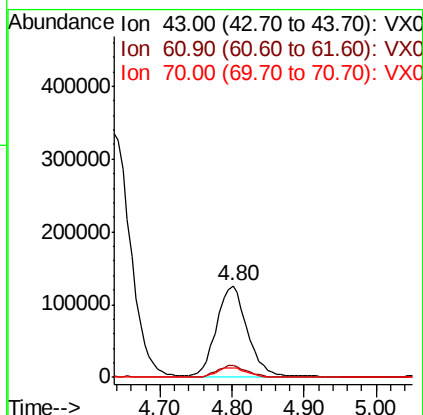
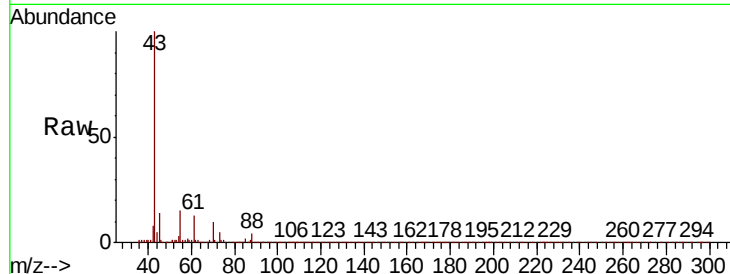




#37
Ethyl Acetate
Concen: 19.446 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

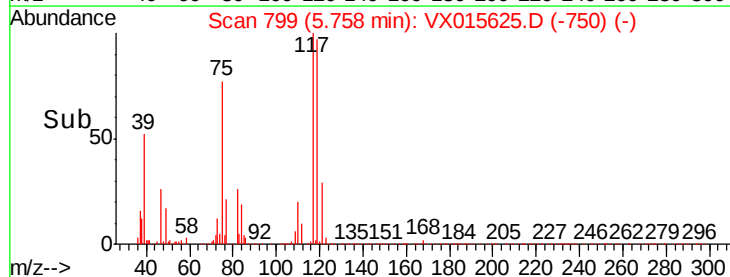
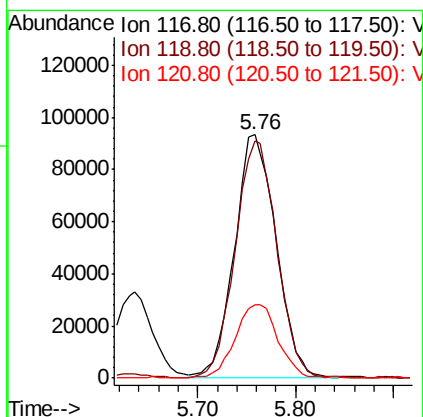
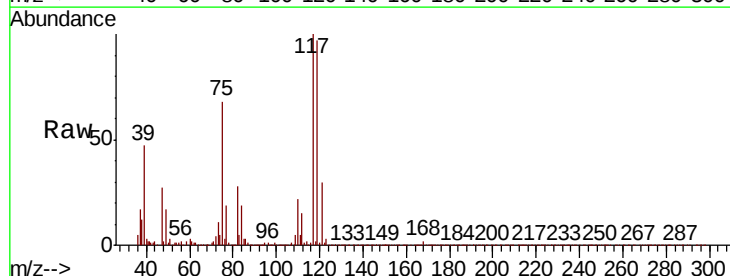
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

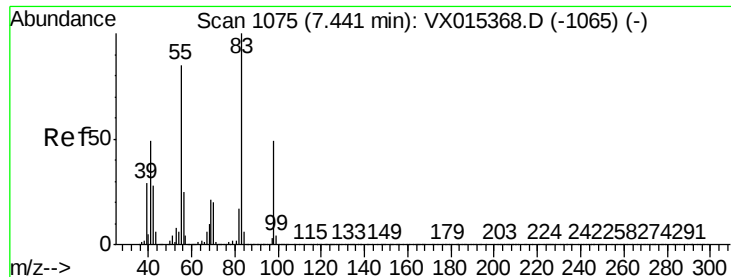
Tot Ion: 43 Resp: 371476
Ion Ratio Lower Upper
43 100
61 12.5 9.9 14.9
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 17.227 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion: 117 Resp: 273737
Ion Ratio Lower Upper
117 100
119 97.6 78.0 117.0
121 30.1 23.8 35.8

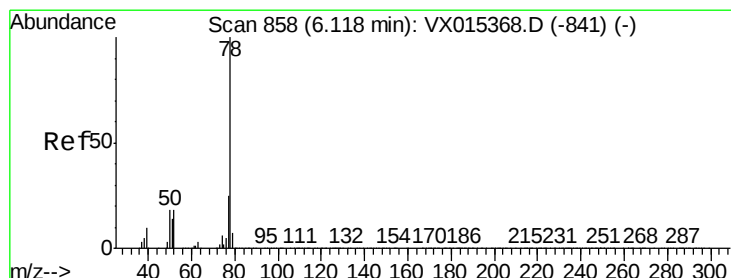
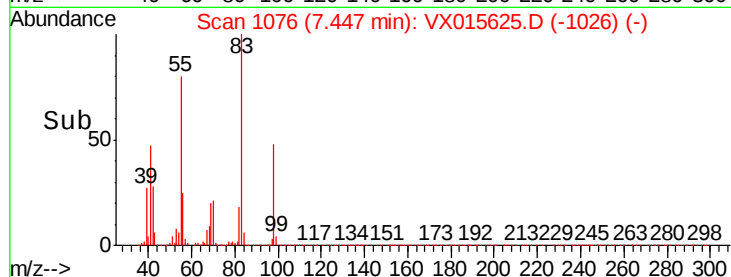
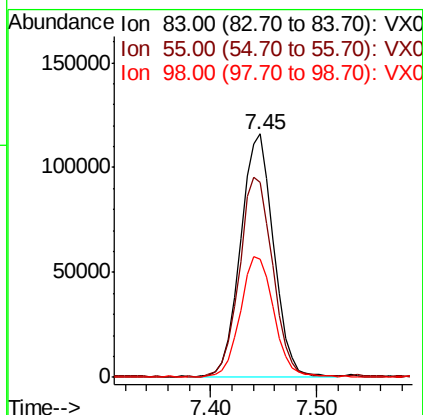
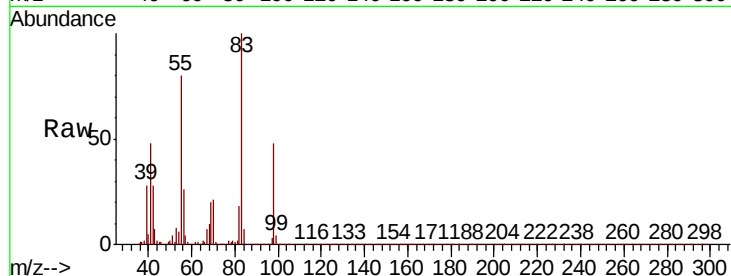




#39
Methvlcvclohexane
Concen: 14.942 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

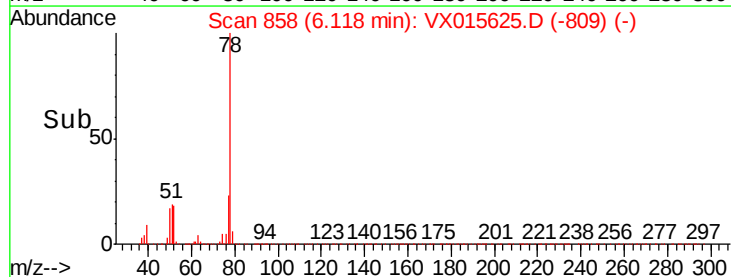
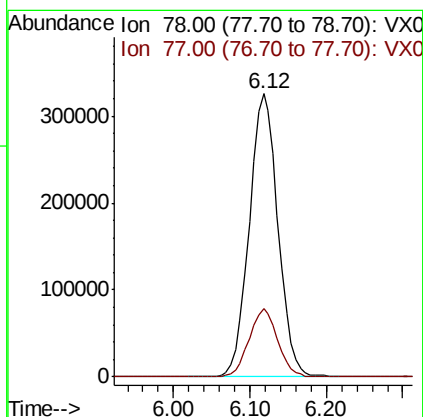
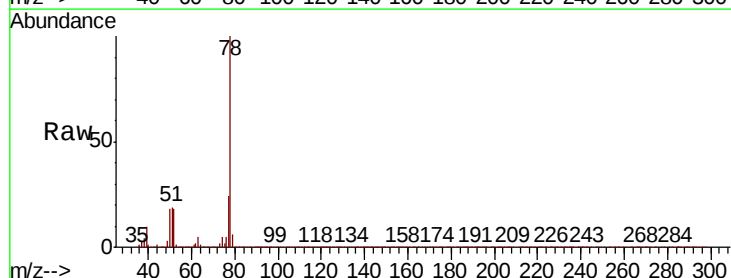
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

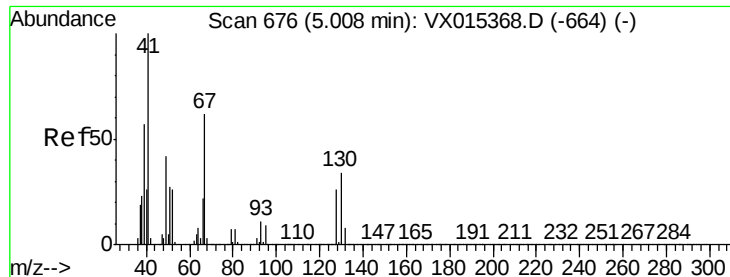
Tot Ion: 83 Resp: 252751
Ion Ratio Lower Upper
83 100
55 79.9 67.8 101.6
98 48.1 39.3 58.9



#40
Benzene
Concen: 19.831 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion: 78 Resp: 852238
Ion Ratio Lower Upper
78 100
77 24.0 19.8 29.8

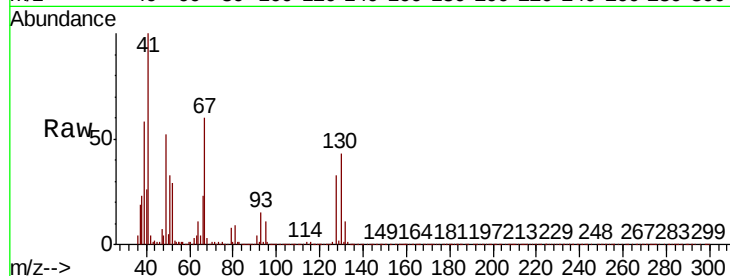




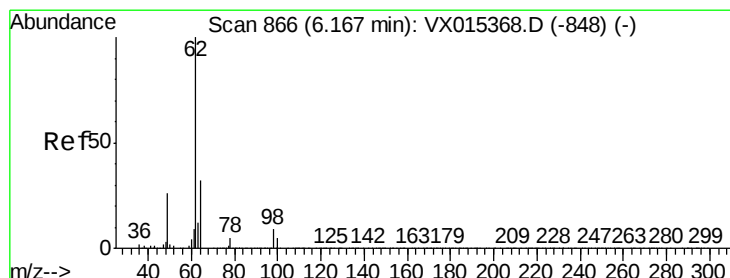
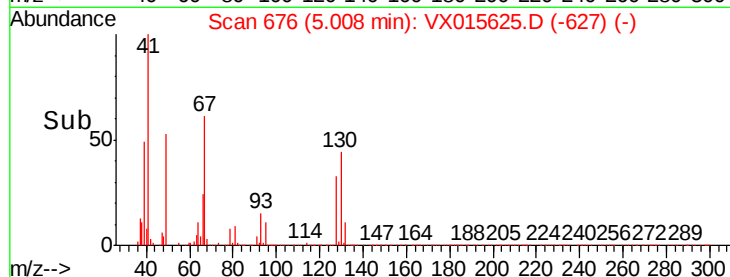
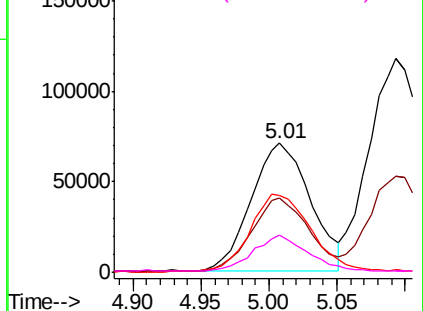
#41
Methacrylonitrile
Concen: 20.285 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion:	41	Resp:	215101
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.5	66.7
67	62.5	48.9	73.3
52	26.5	21.8	32.6

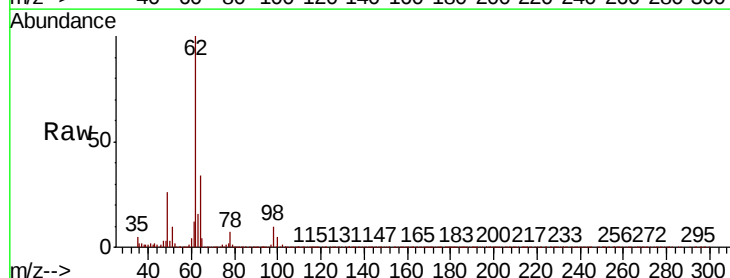


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

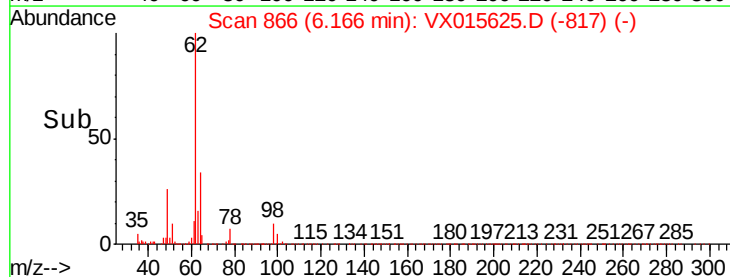
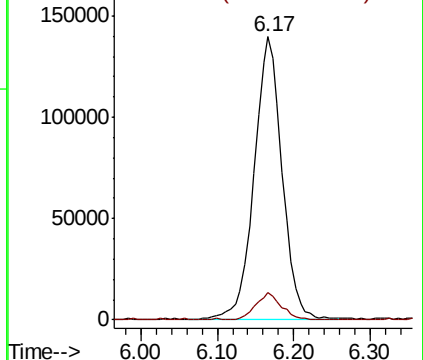


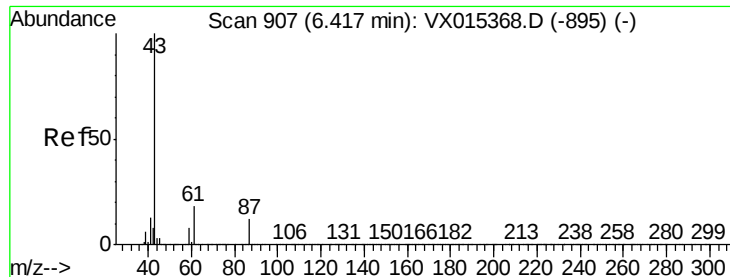
#42
1,2-Dichloroethane
Concen: 20.734 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion:	62	Resp:	357914
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6



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



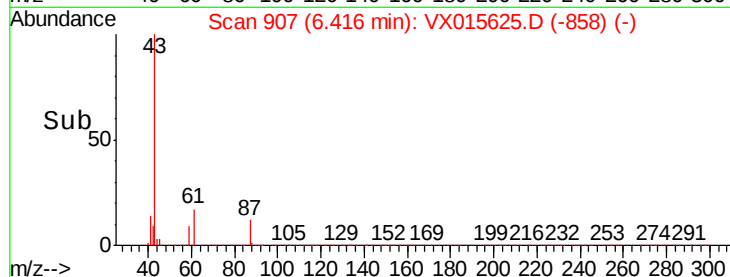
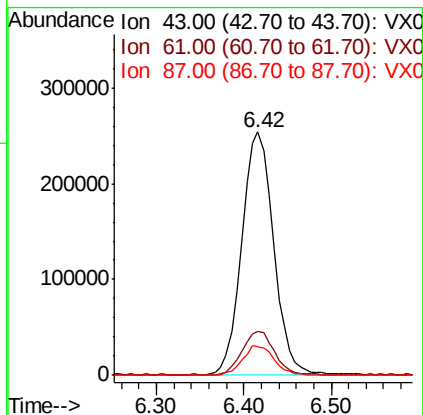
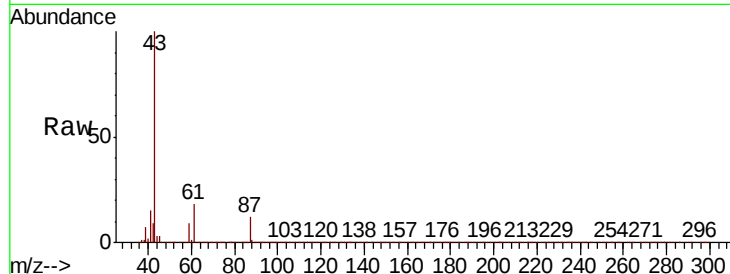


#43

Isopropyl Acetate
 Concen: 19.769 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015625.D
 Acq: 10 Apr 2020 16:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

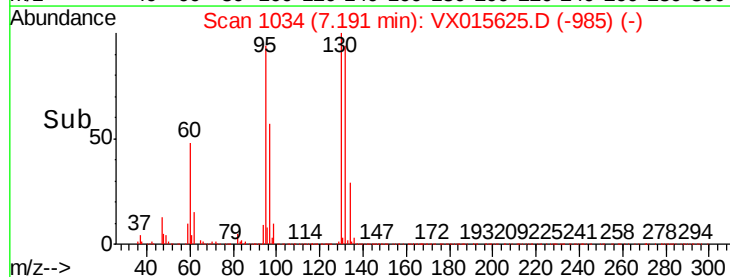
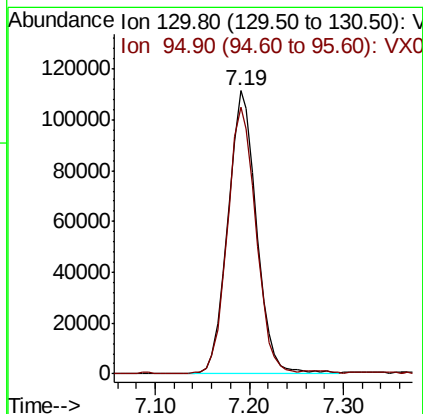
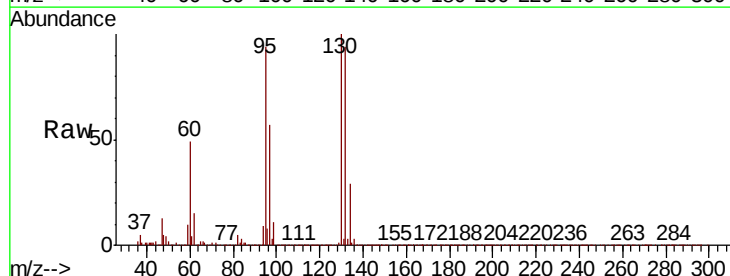
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.8	22.2
87	12.3	9.4	14.0

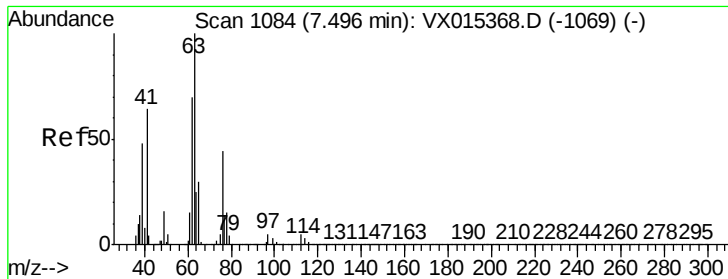


#44

Trichloroethene
 Concen: 19.968 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015625.D
 Acq: 10 Apr 2020 16:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	199.0

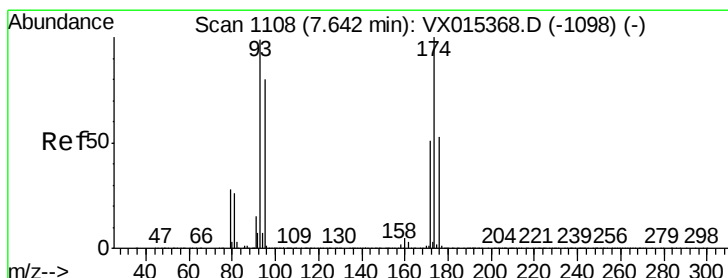
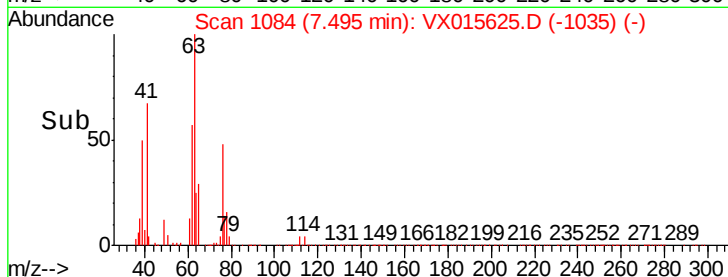
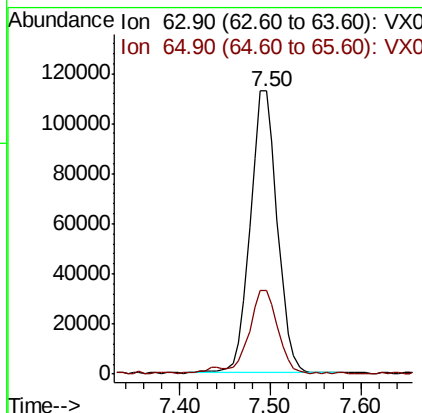
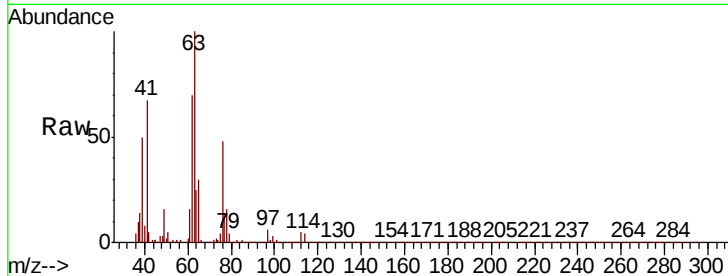




#45
 1,2-Dichloropropane
 Concen: 19.709 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015625.D
 Acq: 10 Apr 2020 16:41

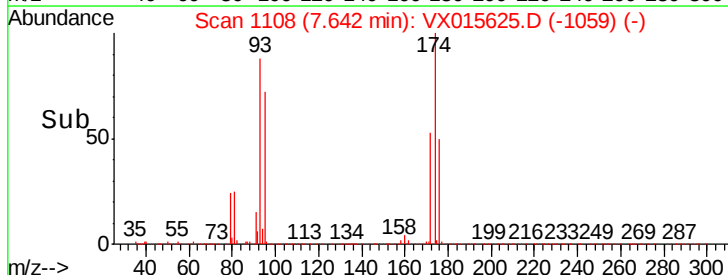
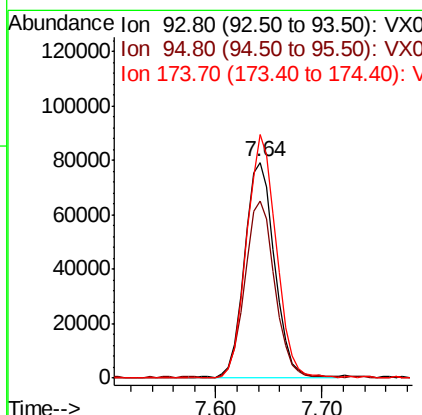
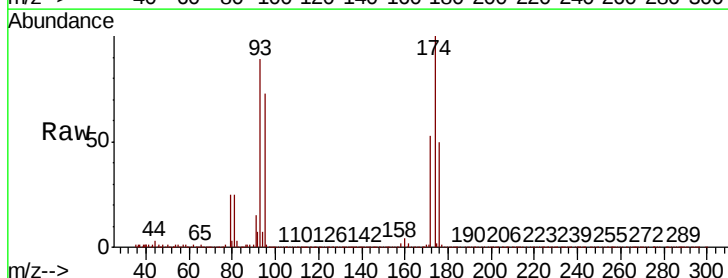
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

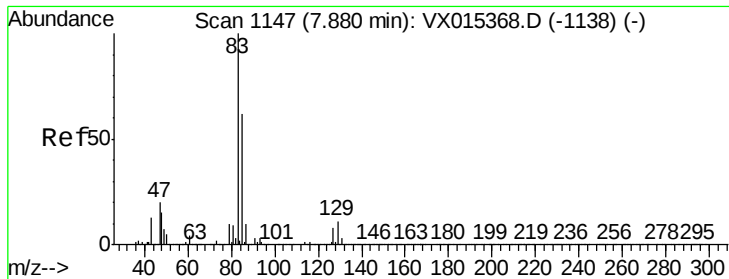
Tot Ion: 63 Resp: 231703
 Ion Ratio Lower Upper
 63 100
 65 29.3 23.9 35.9



#46
 Dibromomethane
 Concen: 20.283 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015625.D
 Acq: 10 Apr 2020 16:41

Tgt Ion: 93 Resp: 156422
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.8 98.8
 174 112.1 86.2 129.2





#47

Bromodichloromethane

Concen: 19.937 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

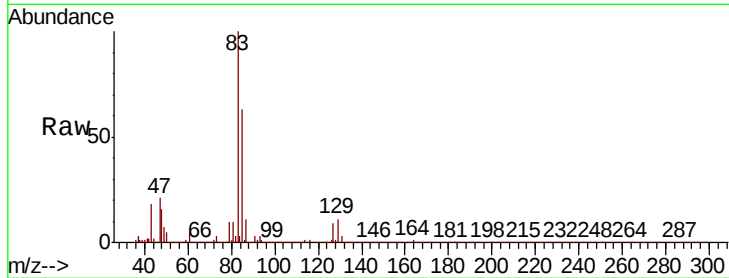
Tot Ion: 83 Resp: 327605

Ion Ratio Lower Upper

83 100

85 63.4 49.7 74.5

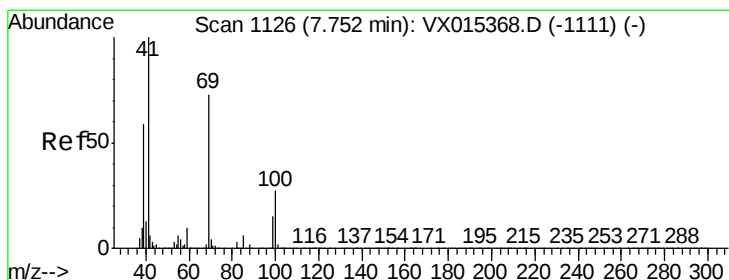
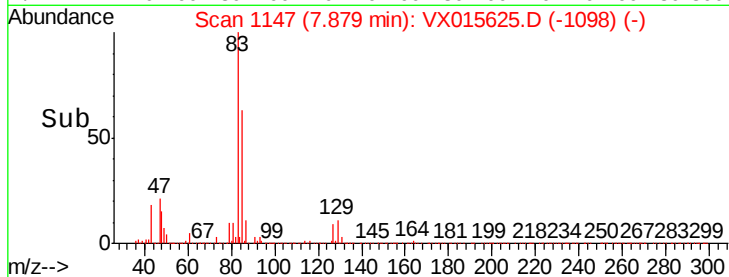
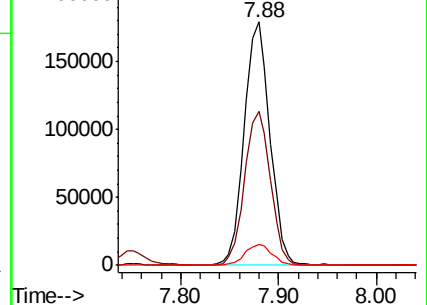
127 8.6 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.689 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

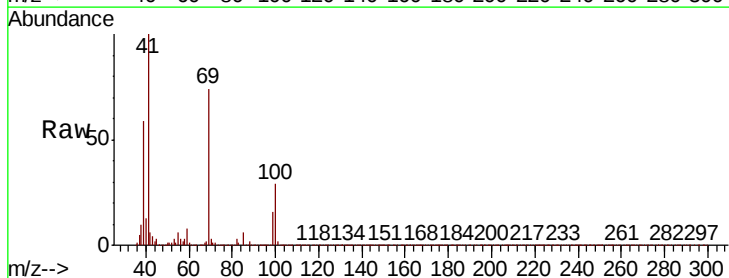
Tgt Ion: 41 Resp: 317137

Ion Ratio Lower Upper

41 100

69 72.7 56.7 85.1

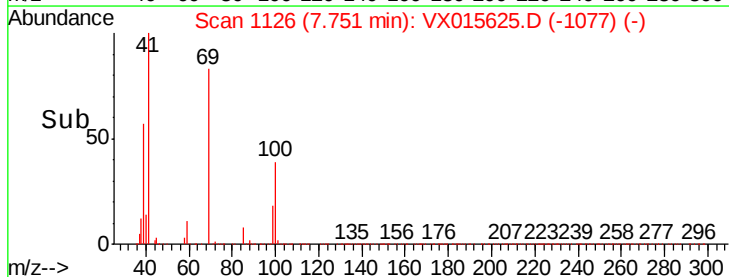
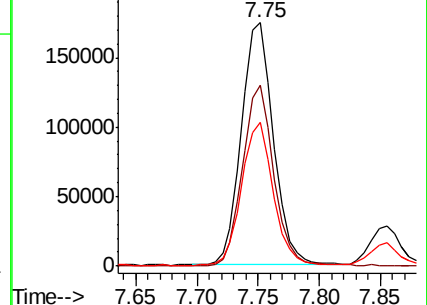
39 58.2 46.5 69.7

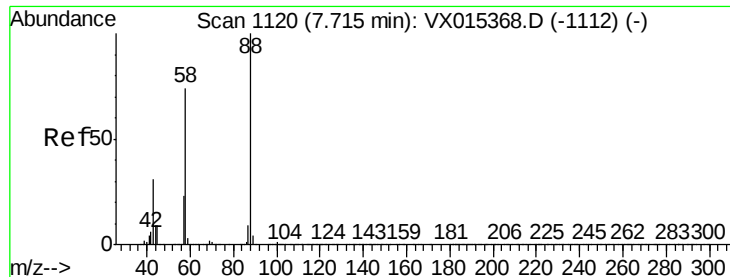


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 348.527 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

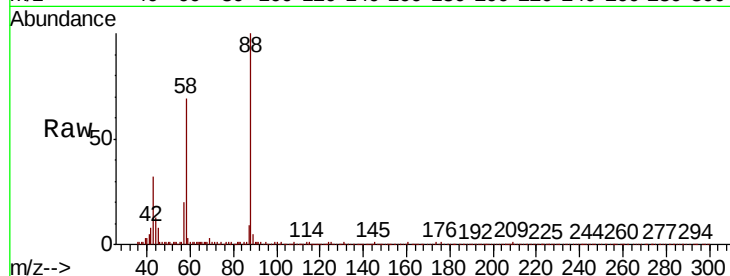
Tot Ion: 88 Resp: 104724

Ion Ratio Lower Upper

88 100

43 39.2 30.1 45.1

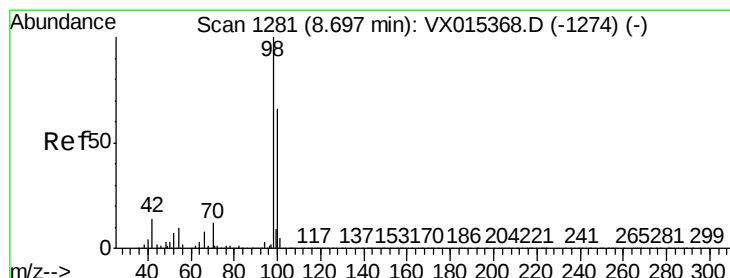
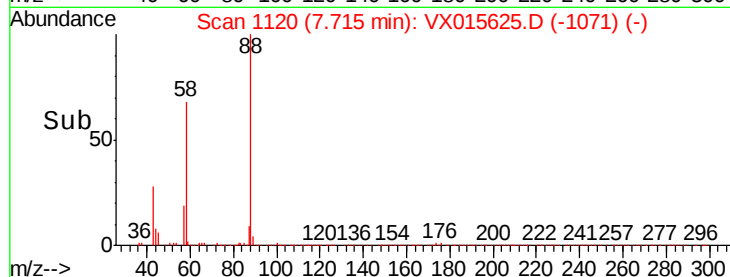
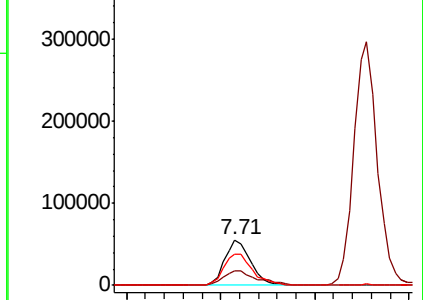
58 75.3 60.6 90.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.676 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015625.D

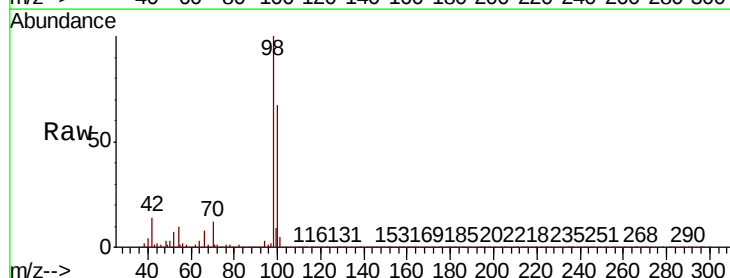
Acq: 10 Apr 2020 16:41

Tgt Ion: 98 Resp: 1898991

Ion Ratio Lower Upper

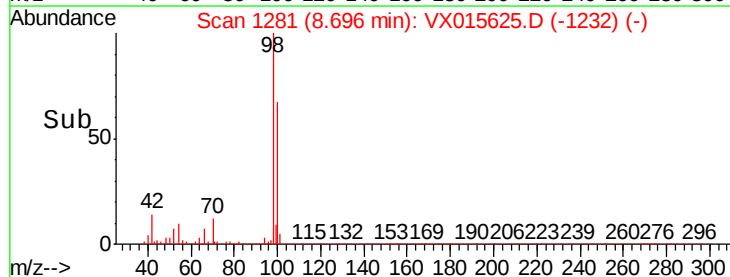
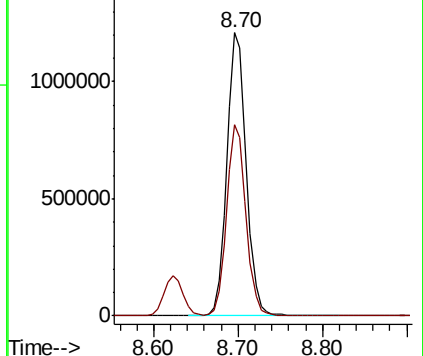
98 100

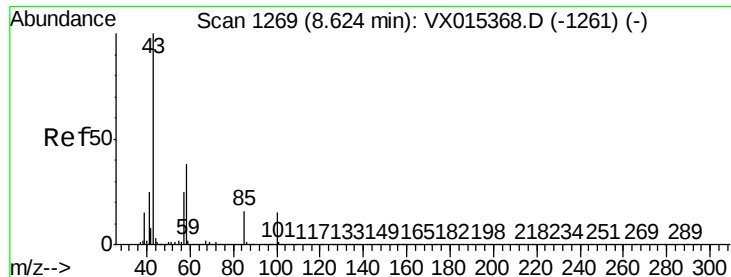
100 67.3 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 103.480 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

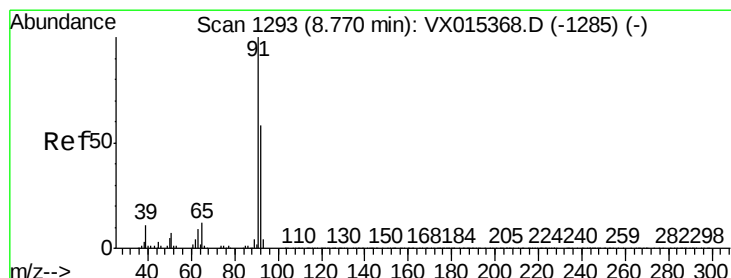
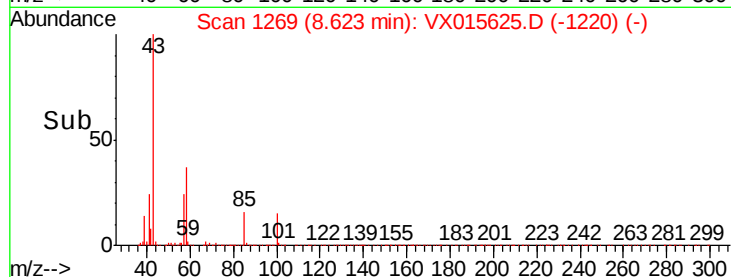
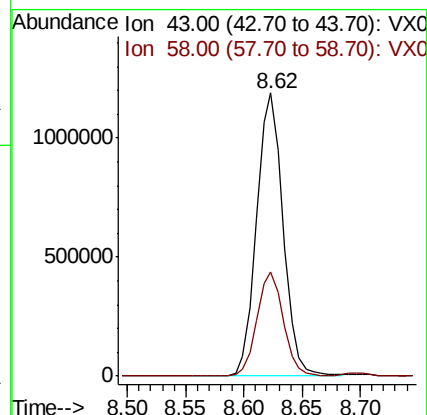
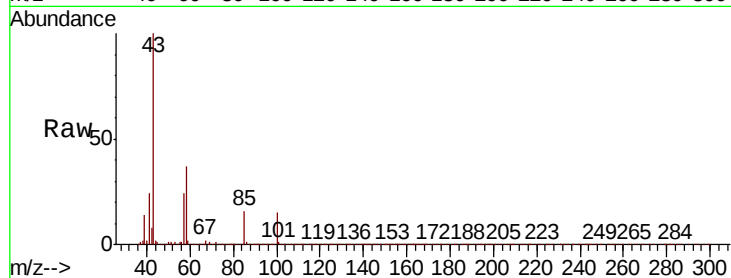
VX0410WBSD01

Tot Ion: 43 Resp: 1891101

Ion Ratio Lower Upper

43 100

58 36.7 29.7 44.5



#52

Toluene

Concen: 19.999 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015625.D

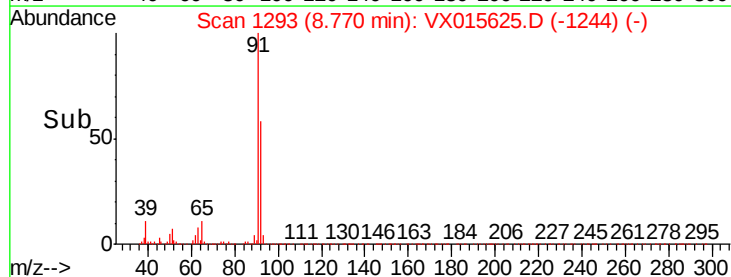
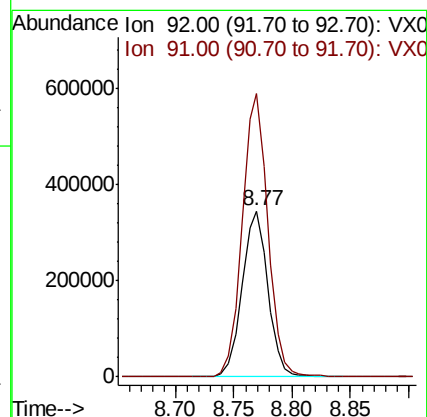
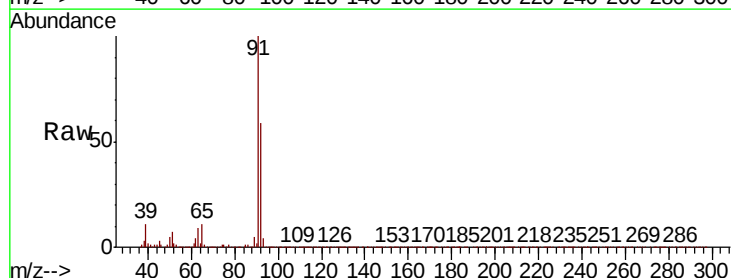
Acq: 10 Apr 2020 16:41

Tgt Ion: 92 Resp: 529886

Ion Ratio Lower Upper

92 100

91 170.5 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 19.106 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

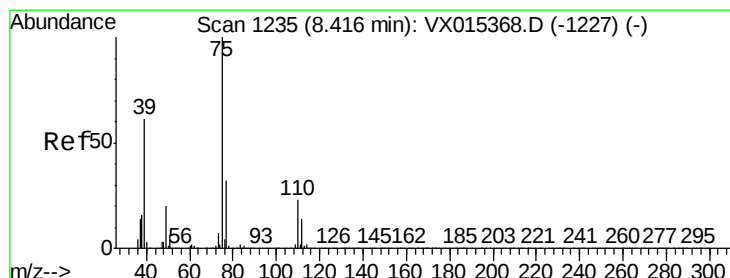
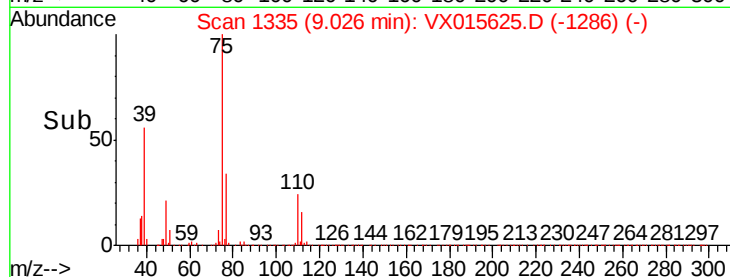
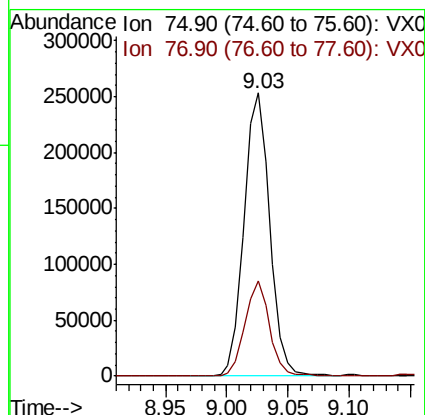
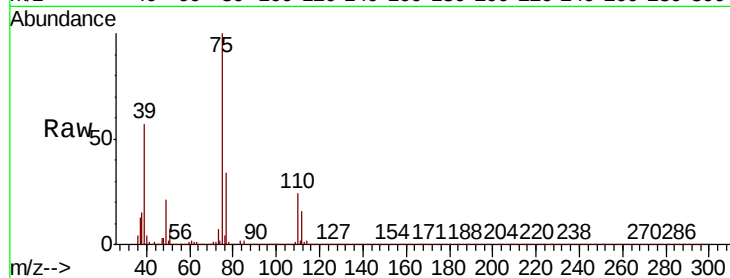
VX0410WBSD01

Tot Ion: 75 Resp: 368214

Ion Ratio Lower Upper

75 100

77 33.5 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.717 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

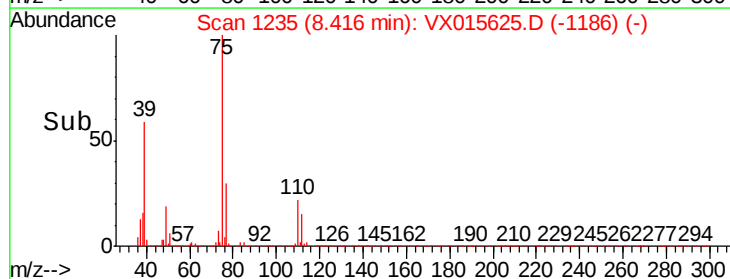
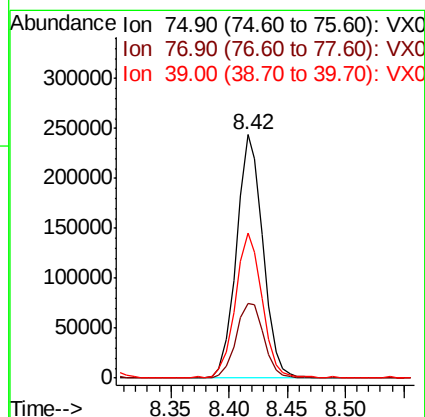
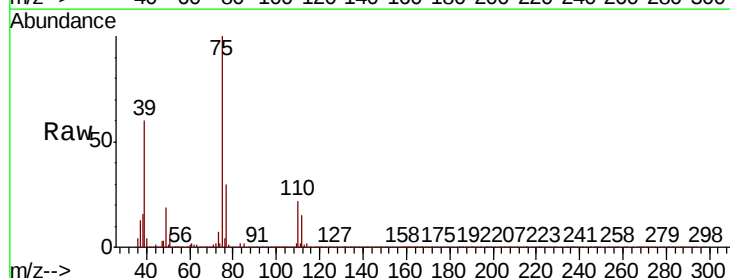
Tgt Ion: 75 Resp: 387087

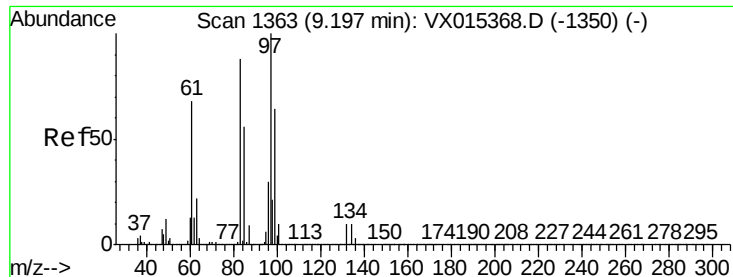
Ion Ratio Lower Upper

75 100

77 30.3 25.8 38.6

39 59.2 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 21.177 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

Tot Ion: 97 Resp: 229880

Ion	Ratio	Lower	Upper
97	100		
83	84.2	70.2	105.4
85	55.7	44.7	67.1
99	62.9	51.1	76.7

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.20 9.30

150000

100000

50000

0

9.20

9.10 9.20 9.30

Time-->

9.10 9.20 9.30

Time-->

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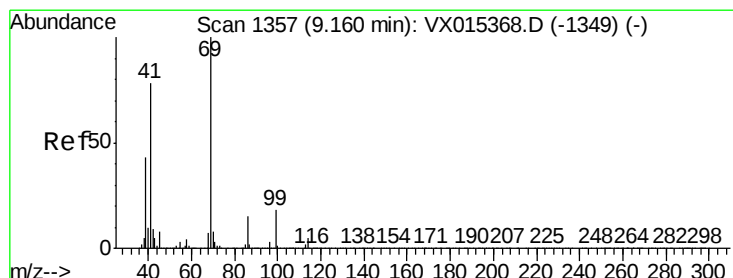
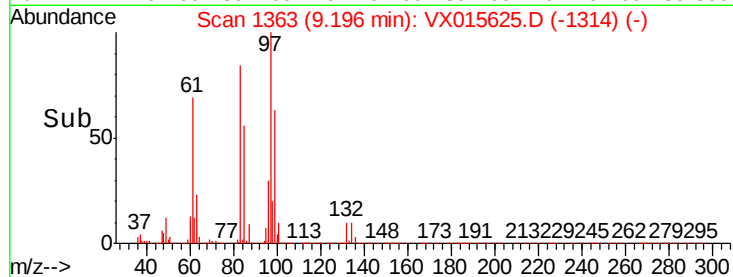
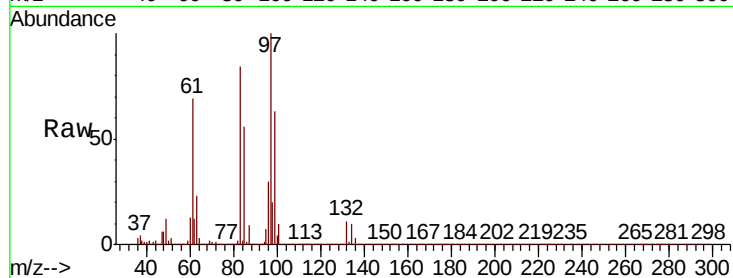
Time-->

Time-->

Time-->

Time-->

Time-->



#56

Ethyl methacrylate

Concen: 19.869 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Tgt Ion: 69 Resp: 380108

Ion	Ratio	Lower	Upper
69	100		
41	76.2	61.6	92.4
39	42.2	34.0	51.0

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25

300000

200000

100000

0

9.16

9.10 9.15 9.20 9.25

Time-->

Time-->

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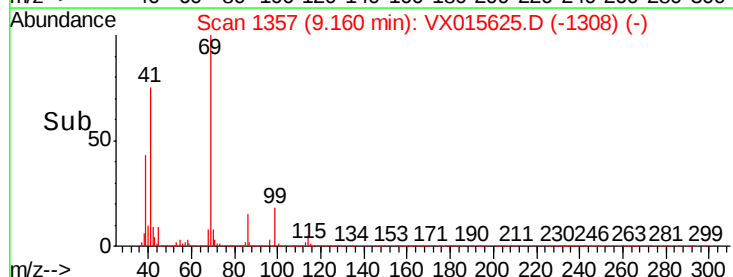
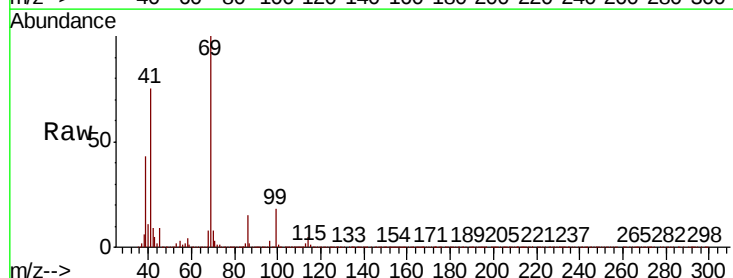
Time-->

Time-->

Time-->

Time-->

Time-->





#57

1,3-Dichloropropane

Concen: 20.778 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

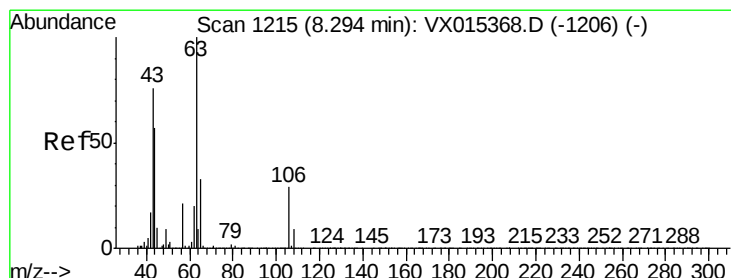
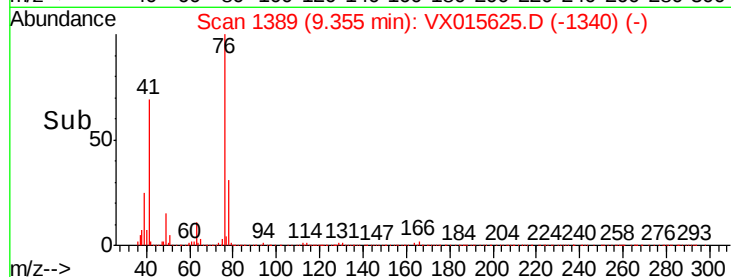
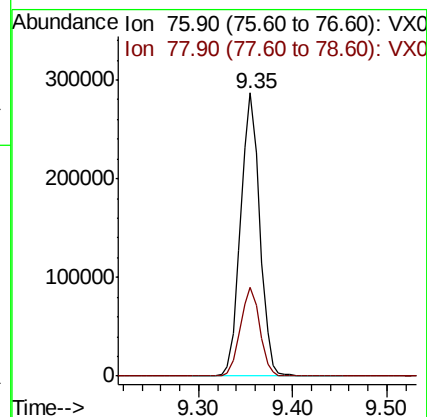
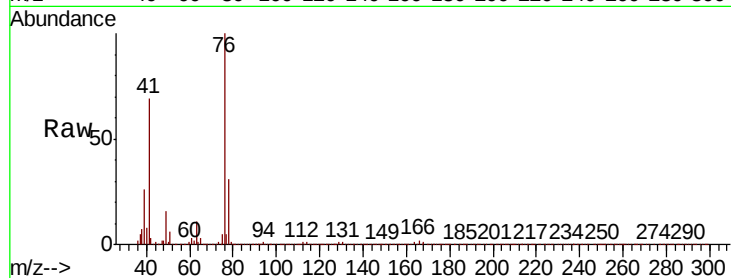
VX0410WBSD01

Tot Ion: 76 Resp: 406363

Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 106.423 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015625.D

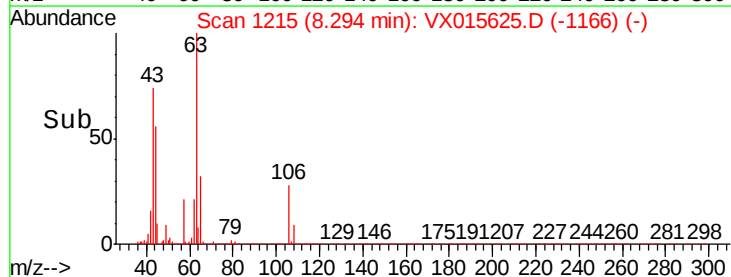
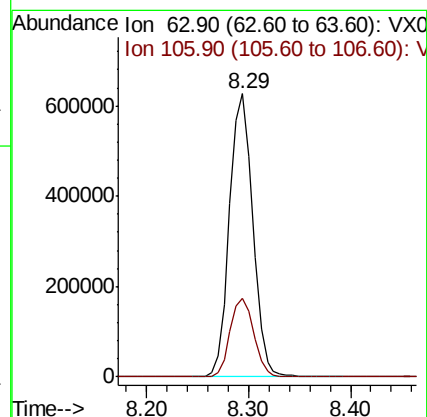
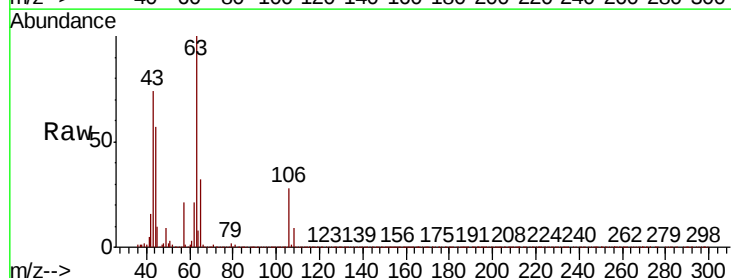
Acq: 10 Apr 2020 16:41

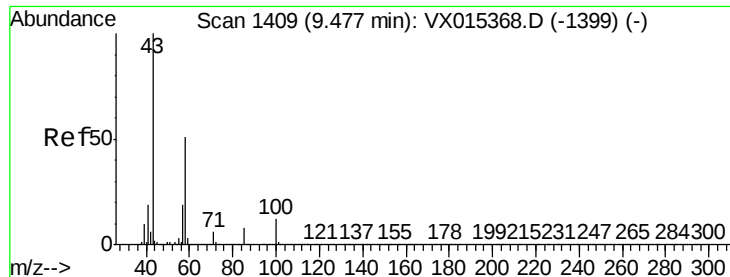
Tgt Ion: 63 Resp: 990305

Ion Ratio Lower Upper

63 100

106 28.3 22.7 34.1

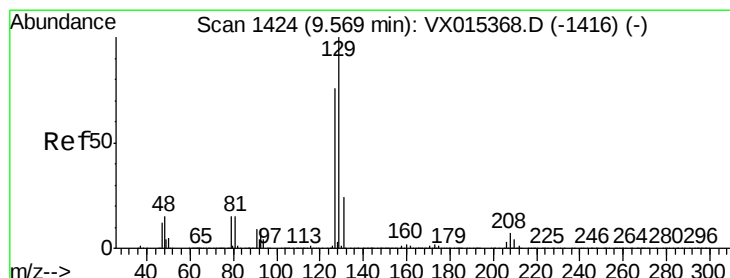
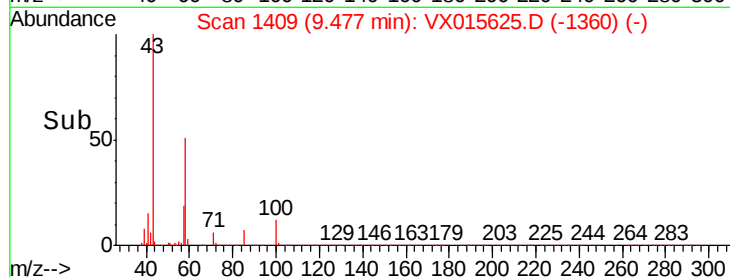
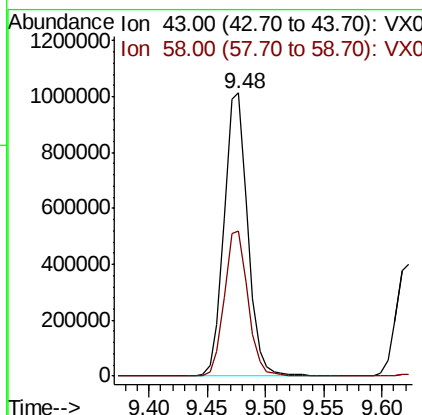
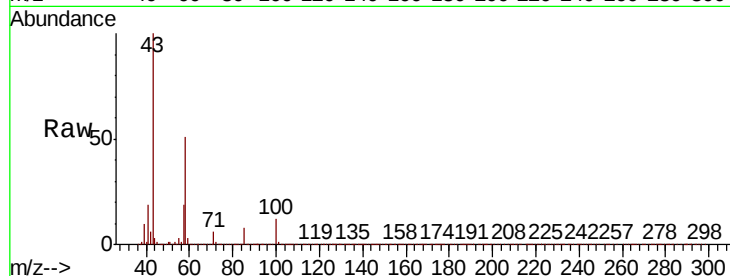




#59
2-Hexanone
Concen: 102.704 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

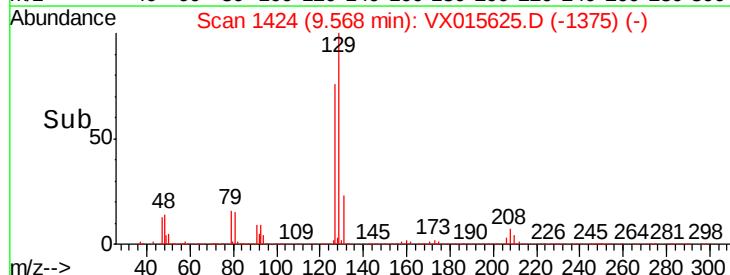
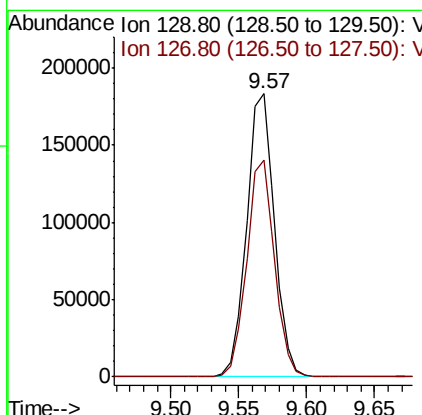
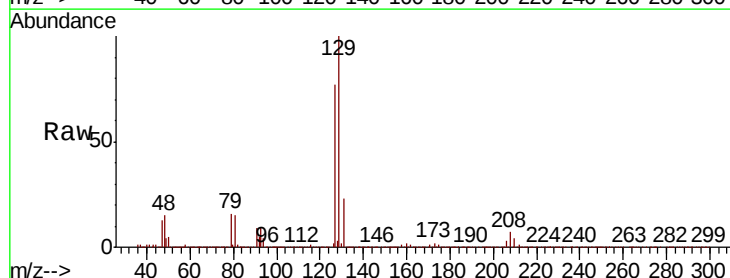
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion: 43 Resp: 1417027
Ion Ratio Lower Upper
43 100
58 51.4 25.6 76.6



#60
Dibromochloromethane
Concen: 20.105 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion: 129 Resp: 262243
Ion Ratio Lower Upper
129 100
127 76.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.721 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

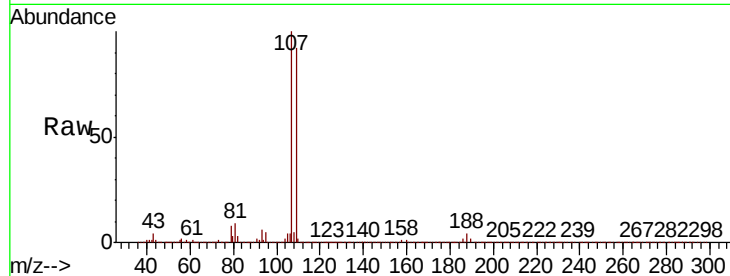
VX0410WBSD01

Tot Ion:107 Resp: 244581

Ion Ratio Lower Upper

107 100

109 95.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

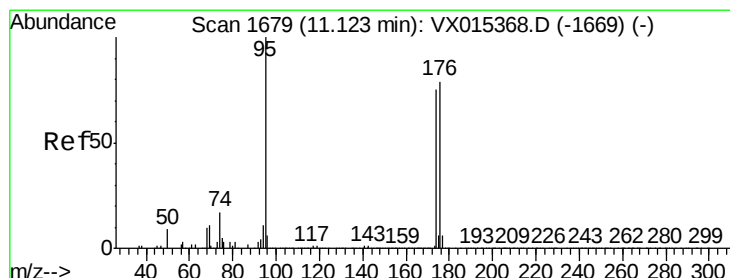
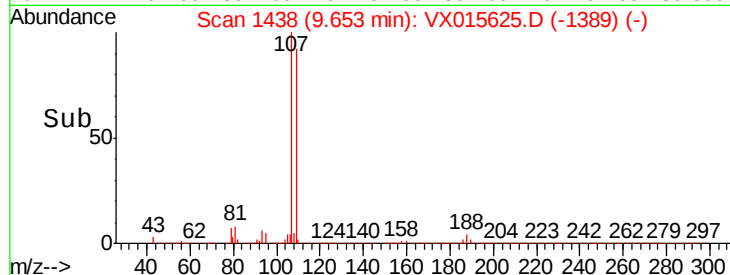
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.704 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

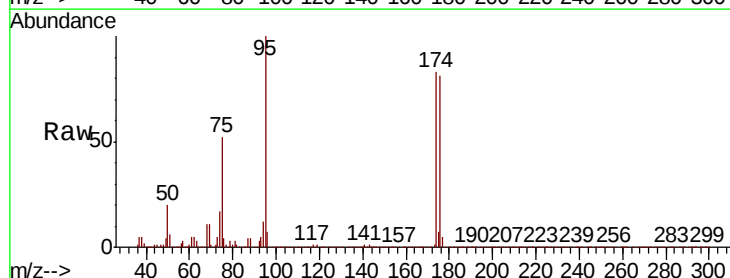
Tgt Ion: 95 Resp: 787414

Ion Ratio Lower Upper

95 100

174 82.2 0.0 158.6

176 79.8 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

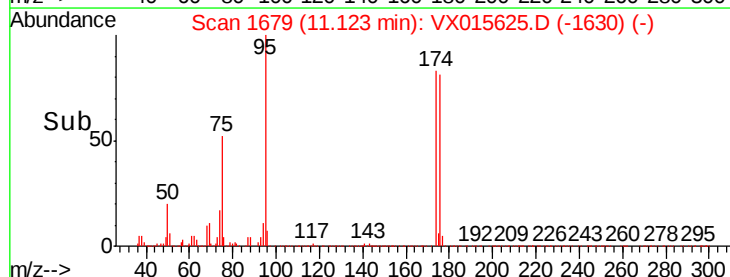
600000

400000

200000

0

Time-->

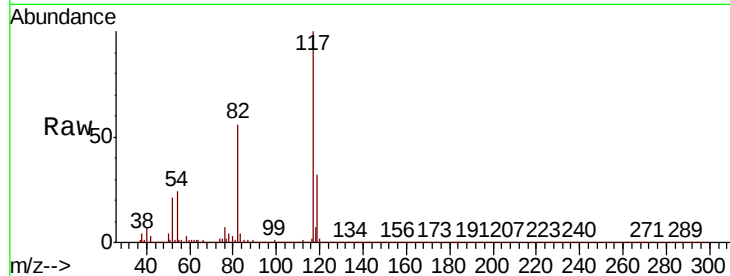




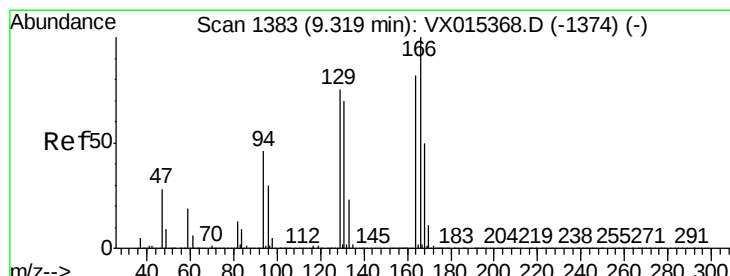
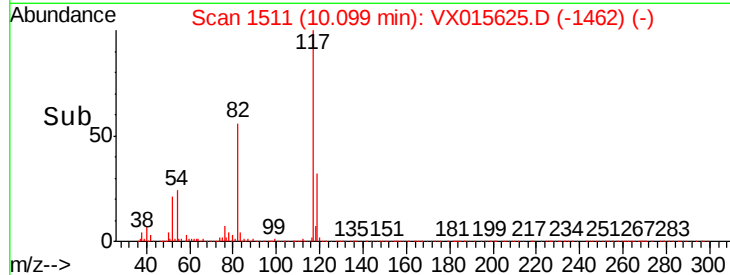
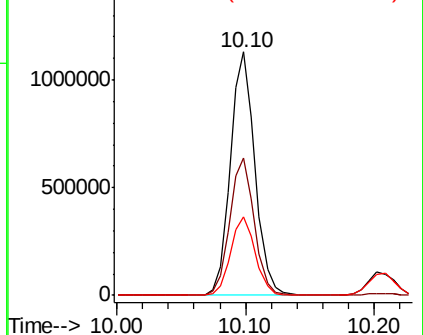
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

Tot Ion:117 Resp: 1502300
Ion Ratio Lower Upper
117 100
82 56.2 47.8 71.8
119 32.2 26.8 40.2

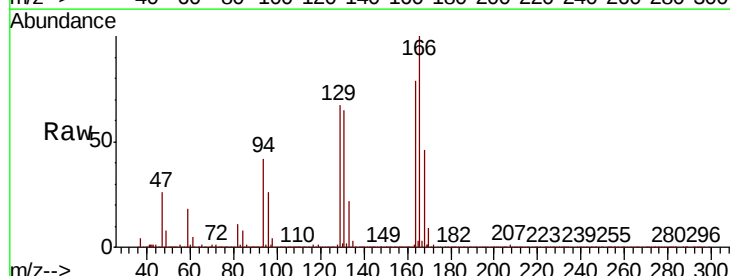


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

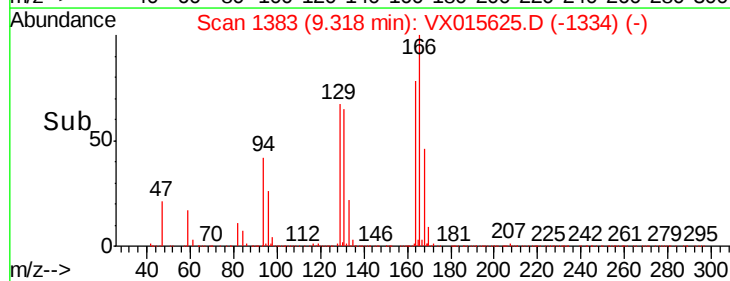
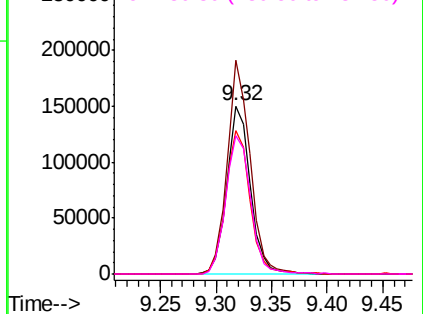


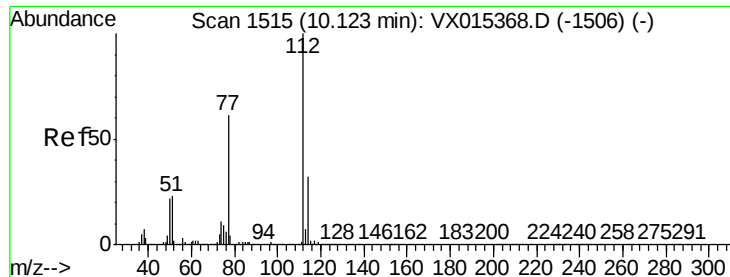
#64
Tetrachloroethene
Concen: 19.324 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion:164 Resp: 219081
Ion Ratio Lower Upper
164 100
166 127.2 97.8 146.6
129 85.7 73.0 109.4
131 82.2 68.6 103.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.694 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

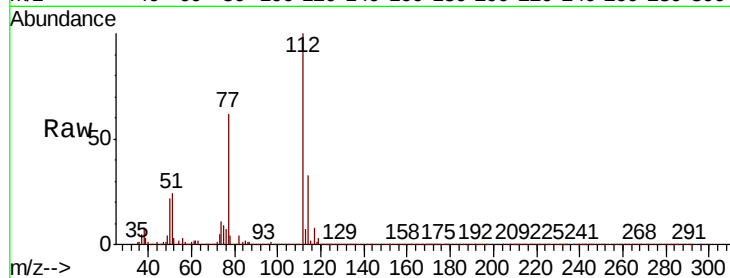
VX0410WBSD01

Tot Ion:112 Resp: 590038

Ion Ratio Lower Upper

112 100

114 33.3 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

400000

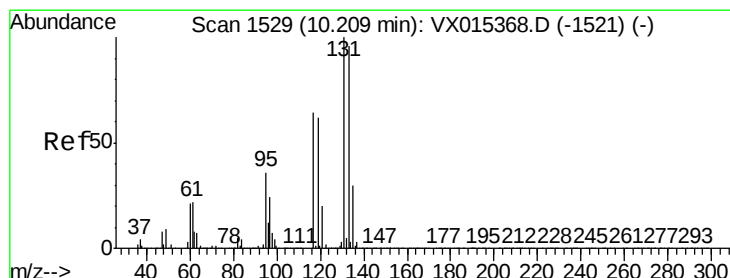
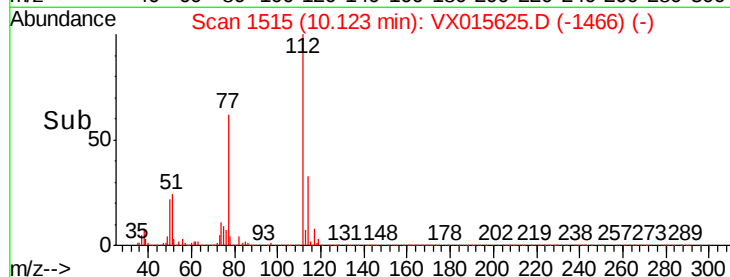
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.803 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

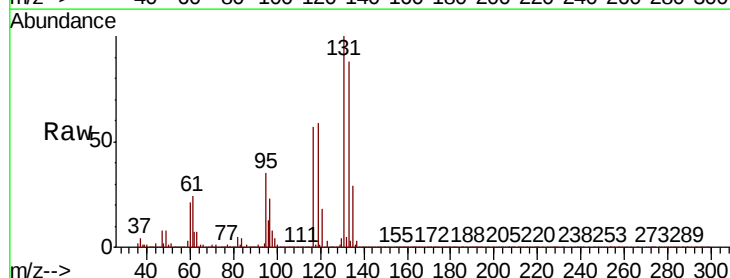
Tgt Ion:131 Resp: 237035

Ion Ratio Lower Upper

131 100

133 93.2 47.6 142.9

119 62.3 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

400000

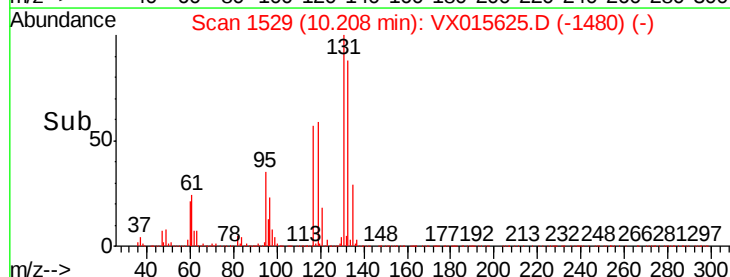
300000

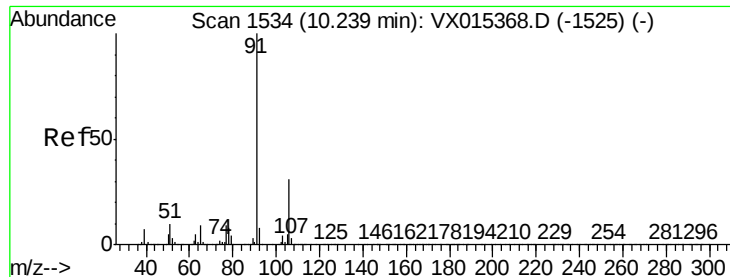
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 19.058 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

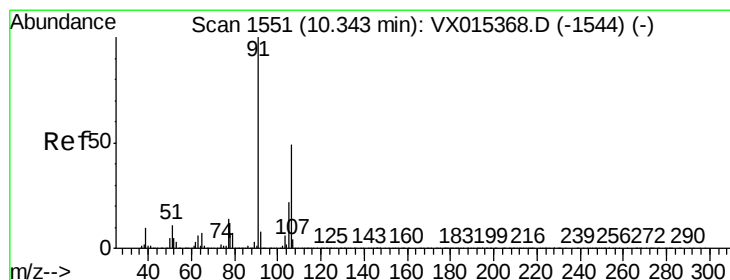
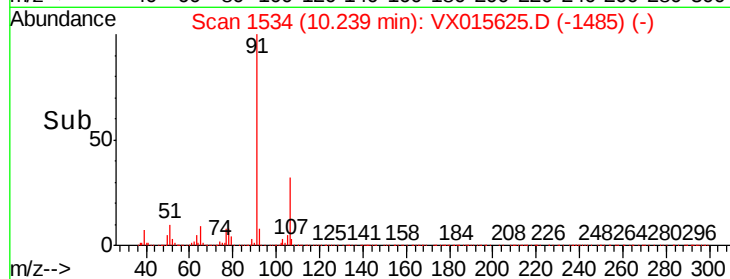
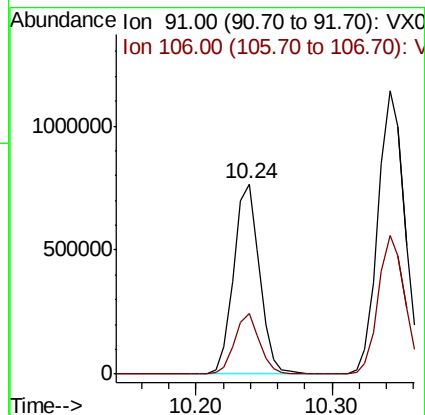
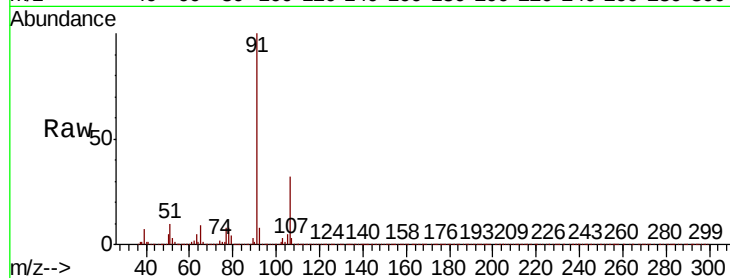
VX0410WBSD01

Tot Ion: 91 Resp: 1012700

Ion Ratio Lower Upper

91 100

106 31.8 24.8 37.2



#68

m/p-Xylenes

Concen: 38.597 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015625.D

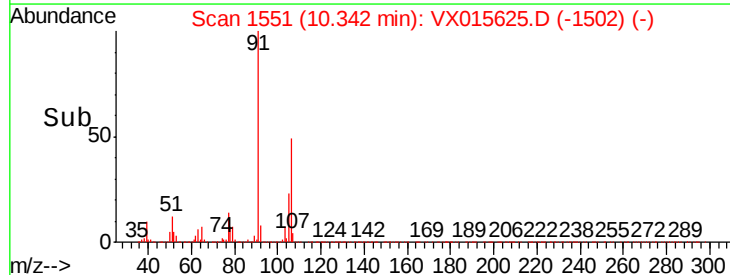
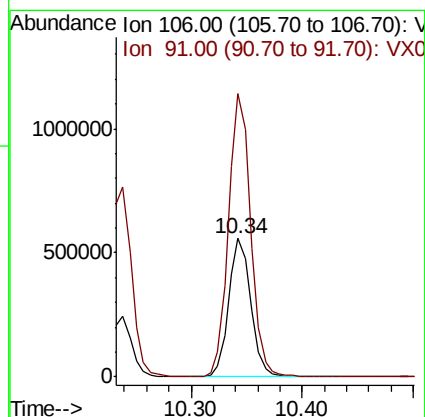
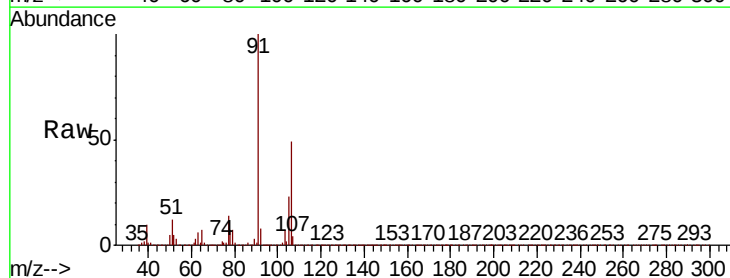
Acq: 10 Apr 2020 16:41

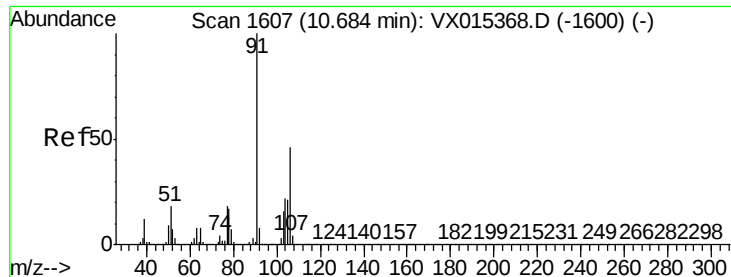
Tgt Ion:106 Resp: 763710

Ion Ratio Lower Upper

106 100

91 206.0 163.4 245.0

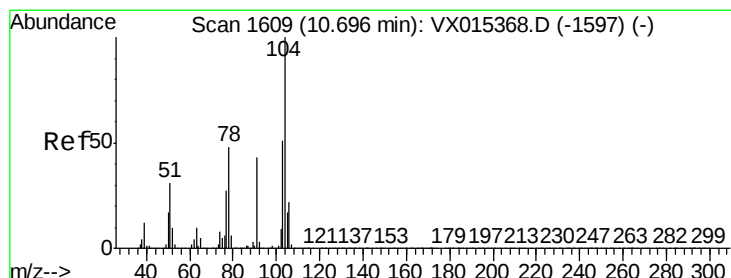
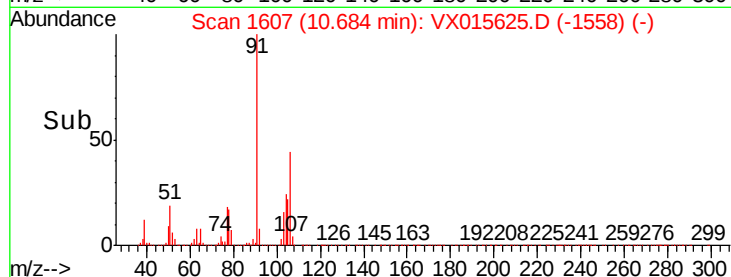
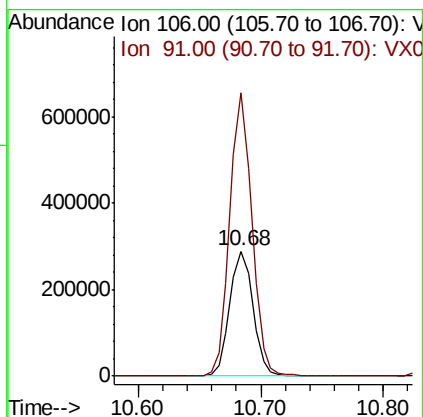
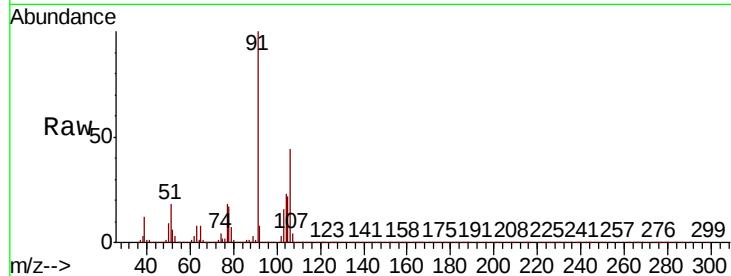




#69
o-Xylene
Concen: 19.461 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

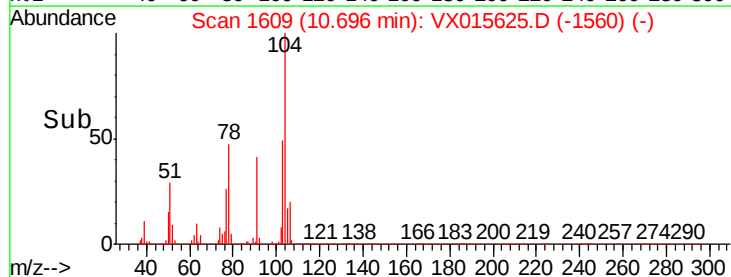
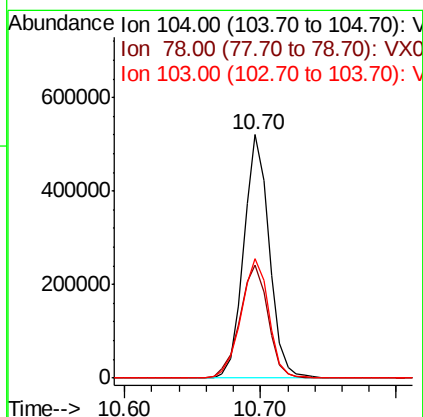
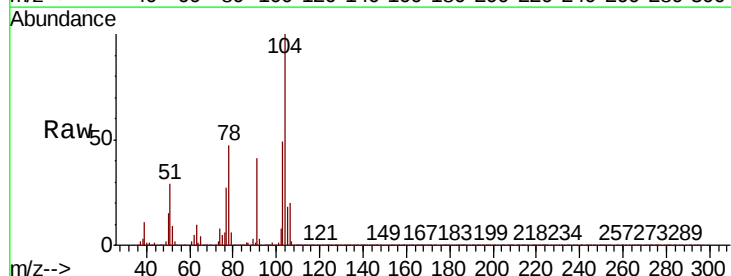
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

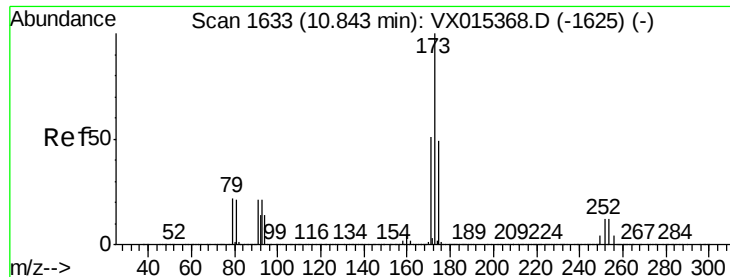
Tot Ion:106 Resp: 380514
Ion Ratio Lower Upper
106 100
91 215.3 107.1 321.3



#70
Styrene
Concen: 19.754 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion:104 Resp: 679643
Ion Ratio Lower Upper
104 100
78 52.0 42.0 63.0
103 53.4 43.4 65.0

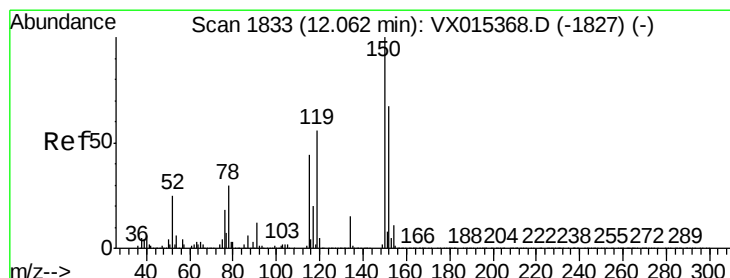
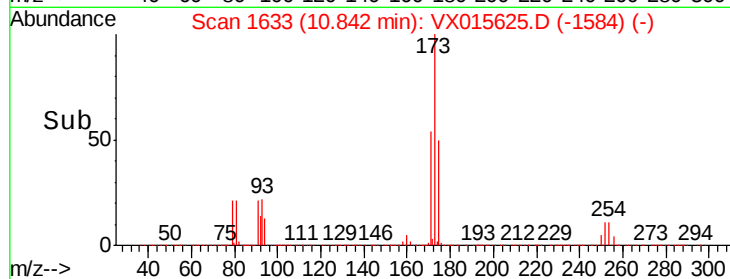
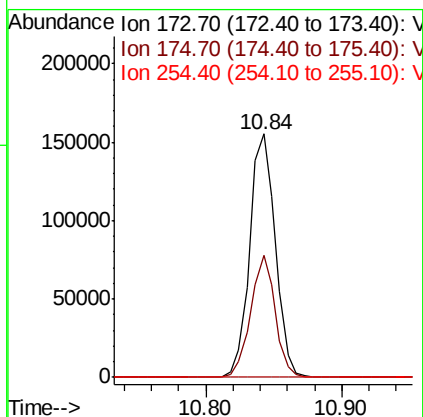
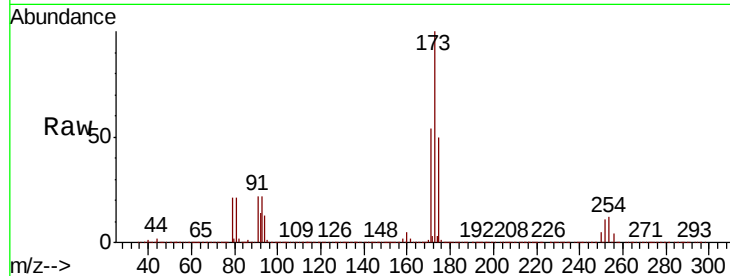




#71
Bromoform
Concen: 18.853 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

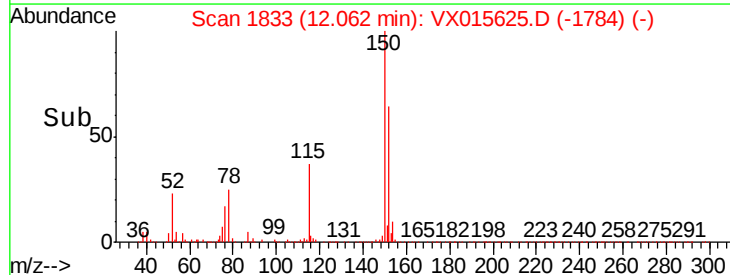
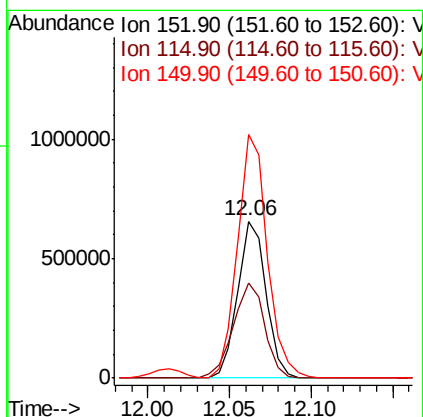
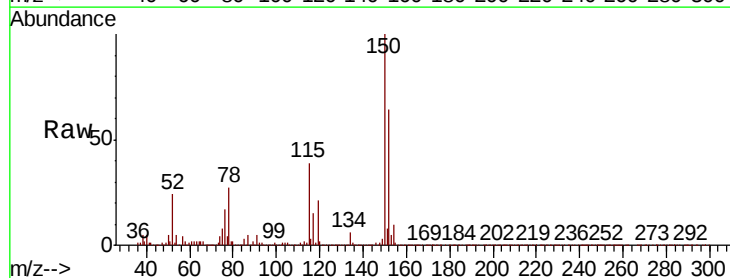
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

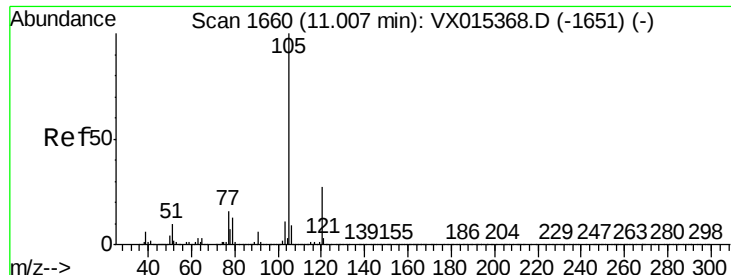
Tot Ion:173 Resp: 205422
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.7
254 0.3 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion:152 Resp: 795248
Ion Ratio Lower Upper
152 100
115 67.5 39.0 116.9
150 163.0 0.0 340.8





#73

Isopropylbenzene

Concen: 18.810 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

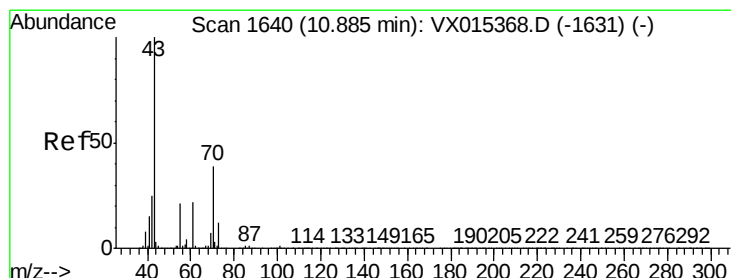
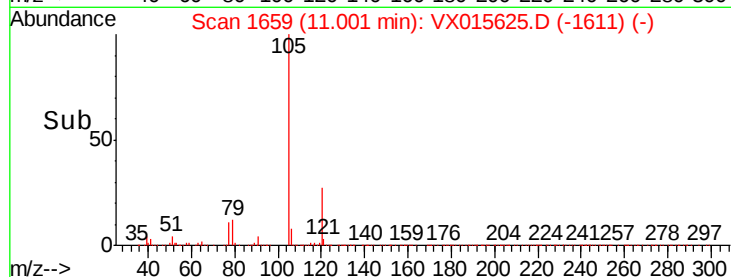
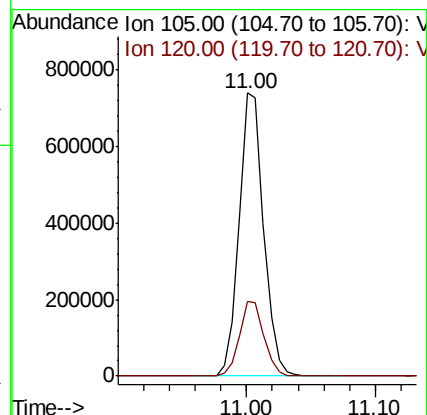
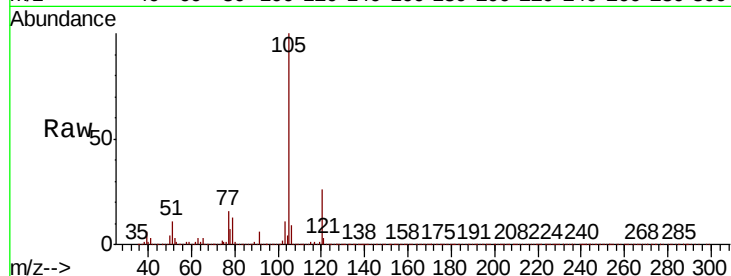
VX0410WBSD01

Tot Ion:105 Resp: 980096

Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5



#74

N-ethyl acetate

Concen: 18.519 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Tgt Ion: 43 Resp: 536689

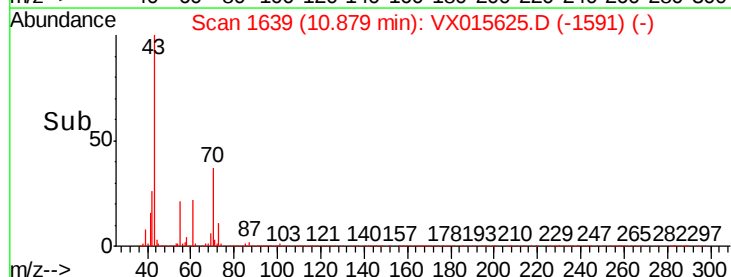
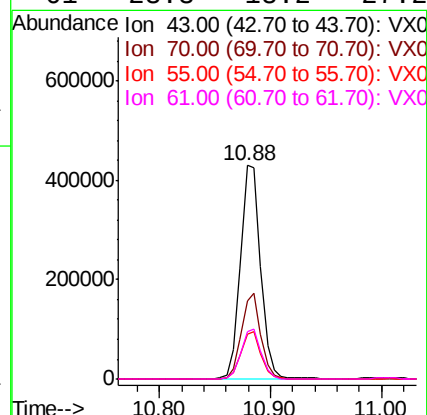
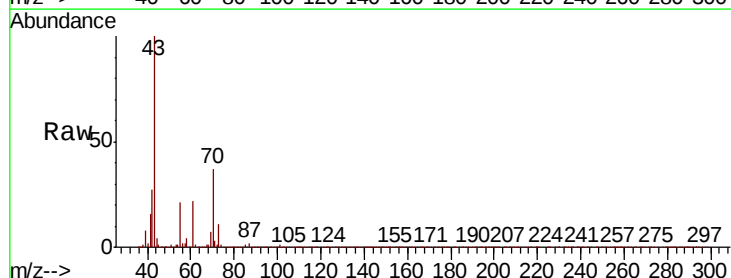
Ion Ratio Lower Upper

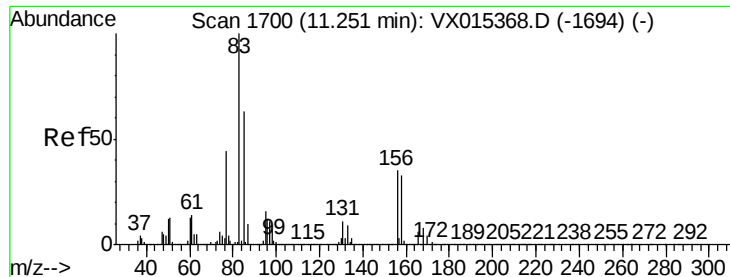
43 100

70 38.1 30.2 45.4

55 21.9 16.8 25.2

61 23.3 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.225 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampled :

VX0410WBSD01

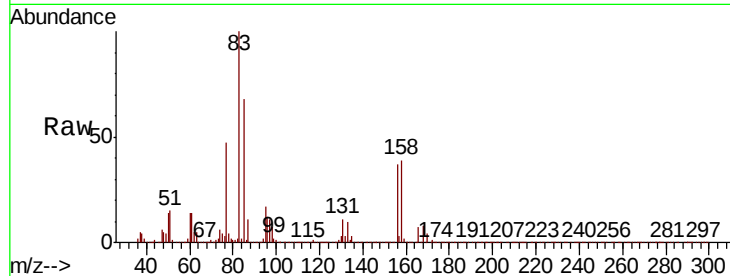
Tot Ion: 83 Resp: 343739

Ion Ratio Lower Upper

83 100

131 11.2 5.3 16.1

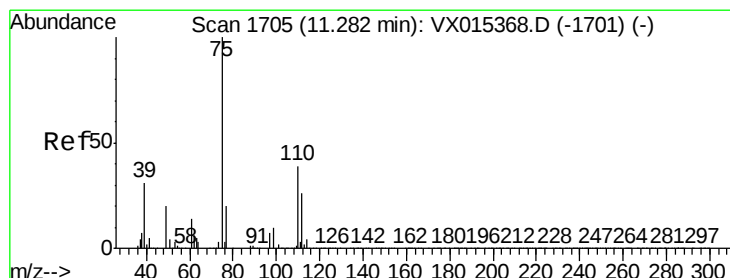
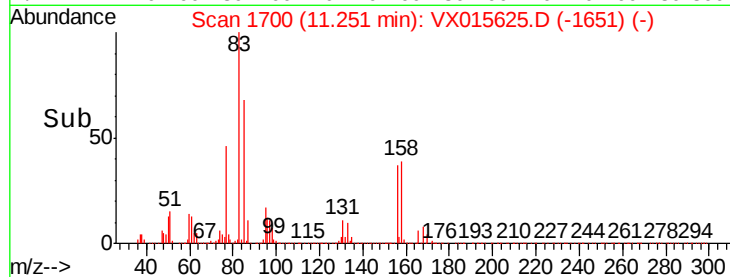
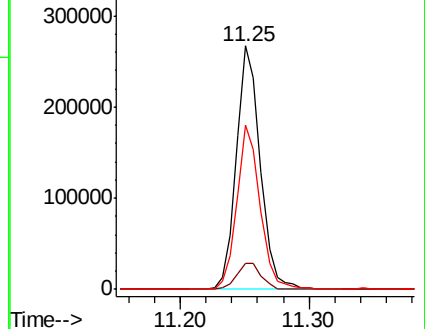
85 65.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.612 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015625.D

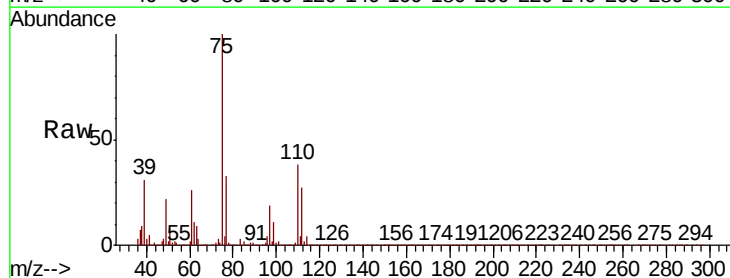
Acq: 10 Apr 2020 16:41

Tgt Ion: 75 Resp: 418844

Ion Ratio Lower Upper

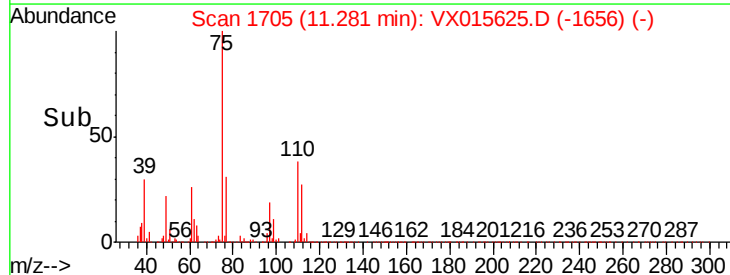
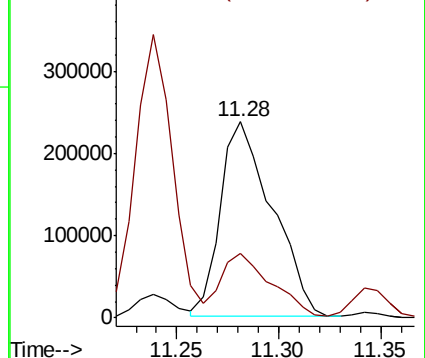
75 100

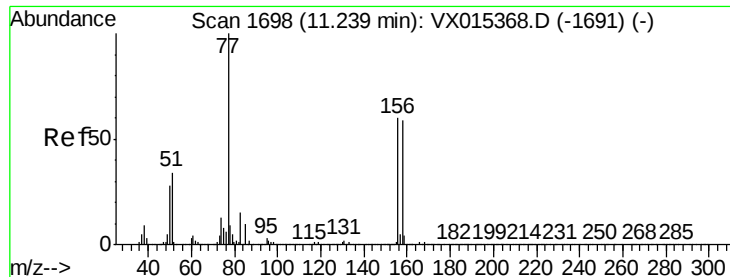
77 32.1 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.609 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

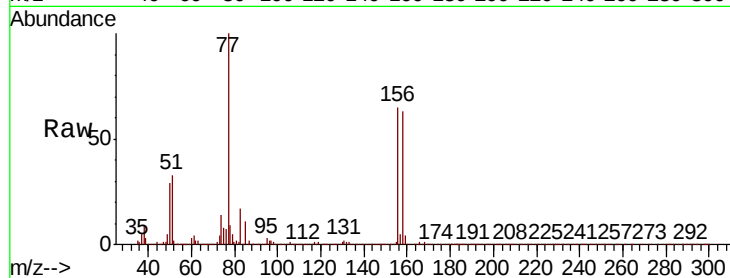
Tot Ion:156 Resp: 286441

Ion Ratio Lower Upper

156 100

77 153.2 82.2 246.5

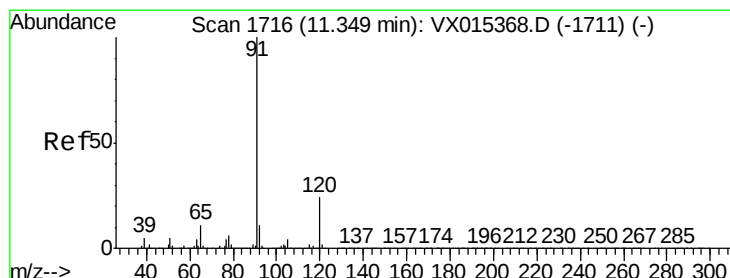
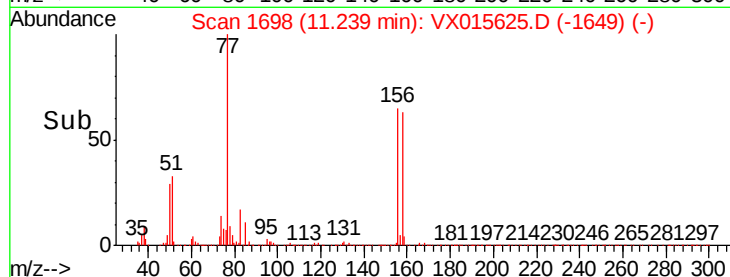
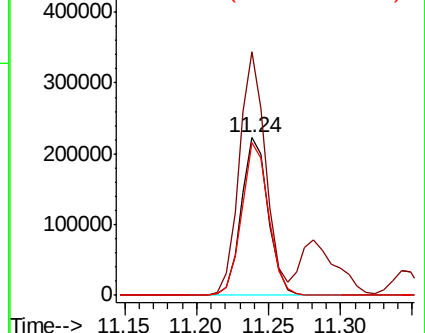
158 97.1 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.473 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015625.D

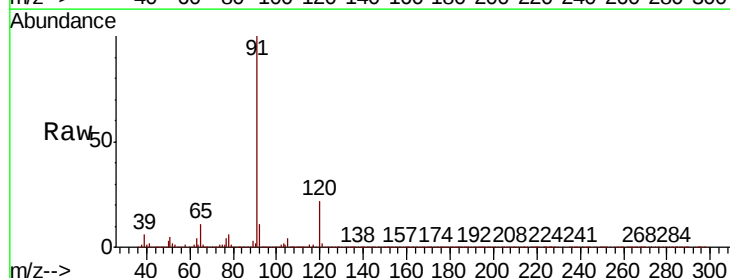
Acq: 10 Apr 2020 16:41

Tgt Ion: 91 Resp: 1100657

Ion Ratio Lower Upper

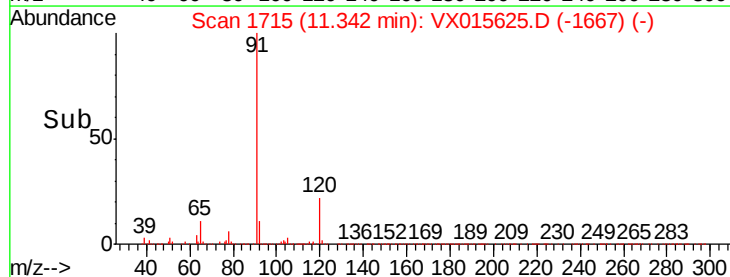
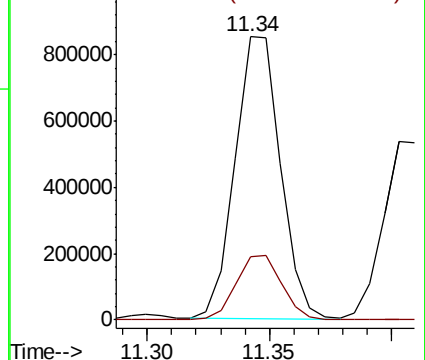
91 100

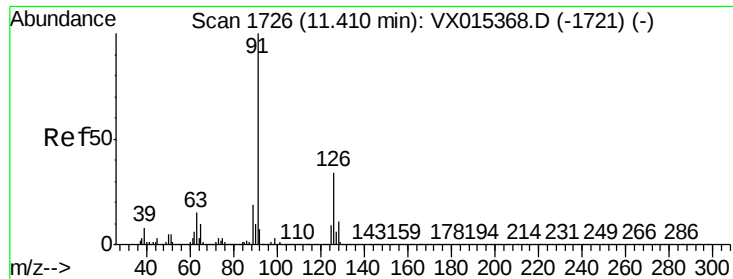
120 23.3 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.450 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

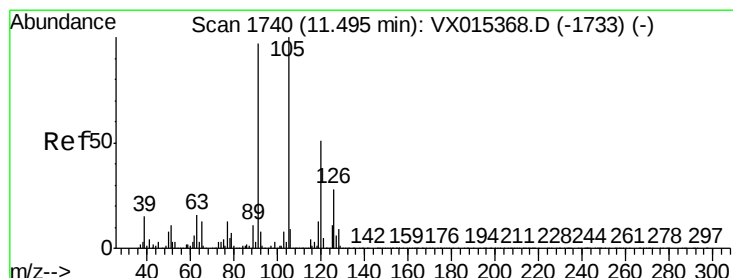
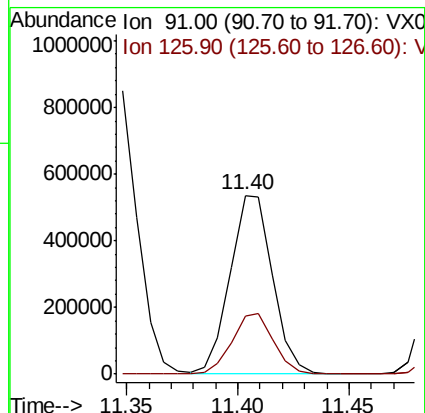
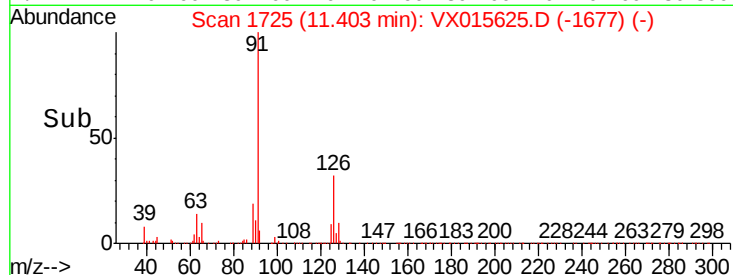
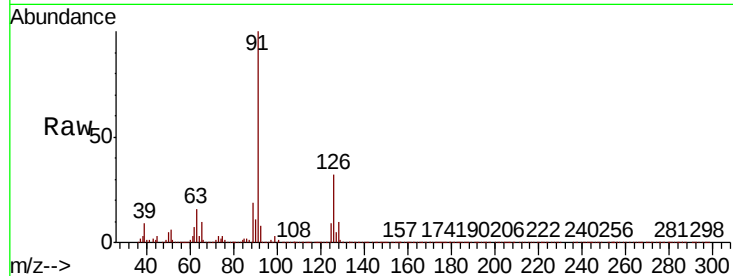
VX0410WBSD01

Tot Ion: 91 Resp: 710300

Ion Ratio Lower Upper

91 100

126 33.2 16.5 49.5



#80

1,3,5-Trimethylbenzene

Concen: 18.985 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015625.D

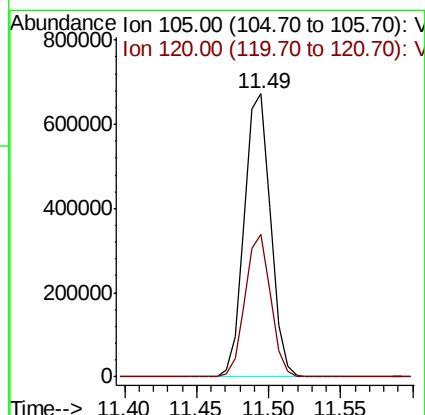
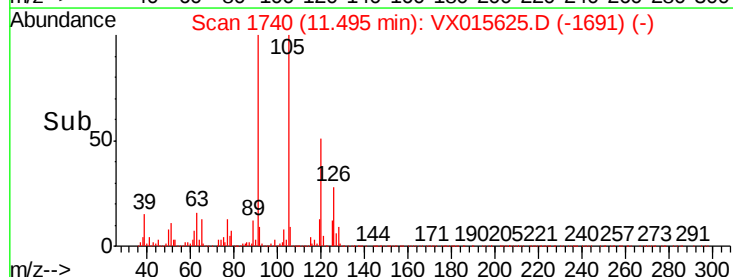
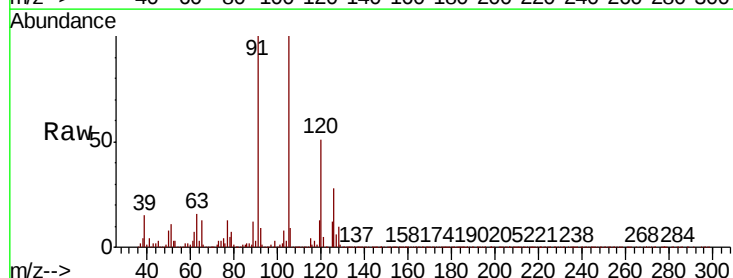
Acq: 10 Apr 2020 16:41

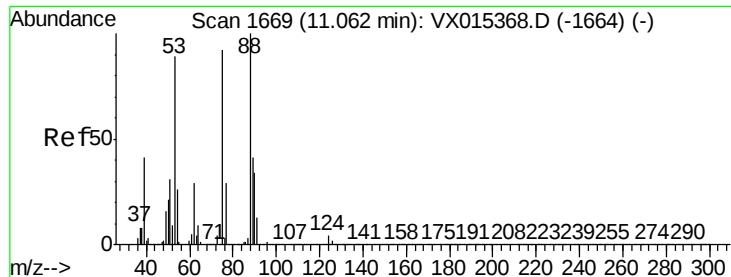
Tgt Ion:105 Resp: 844843

Ion Ratio Lower Upper

105 100

120 49.1 24.8 74.4

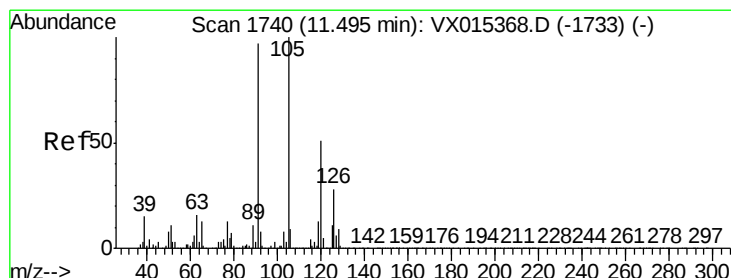
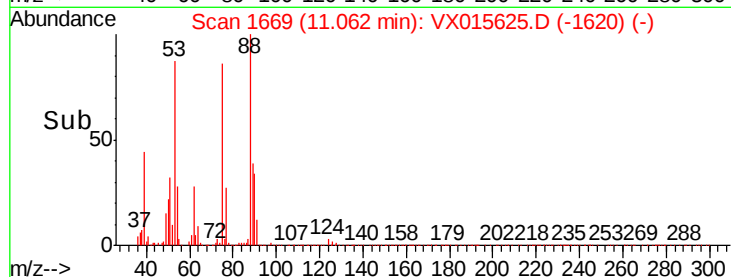
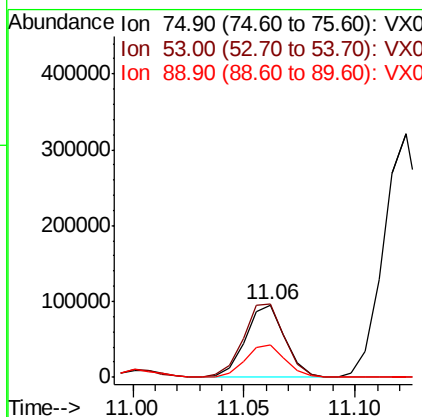
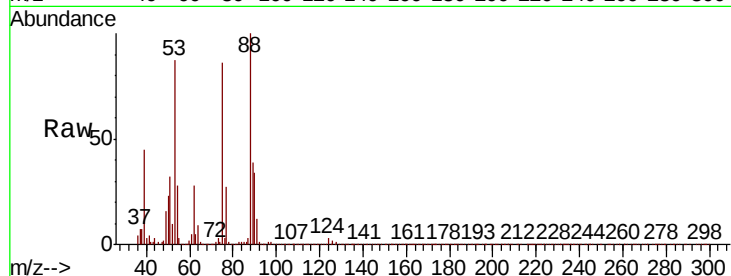




#81
trans-1,4-Dichloro-2-butene
Concen: 17.057 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

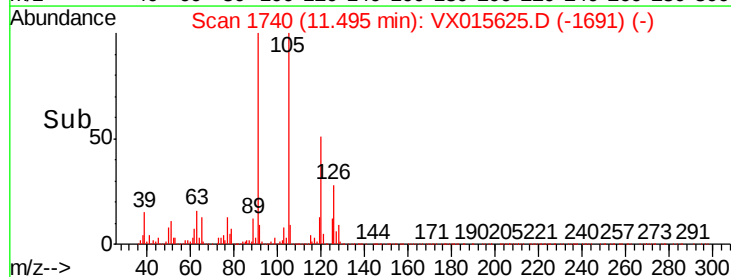
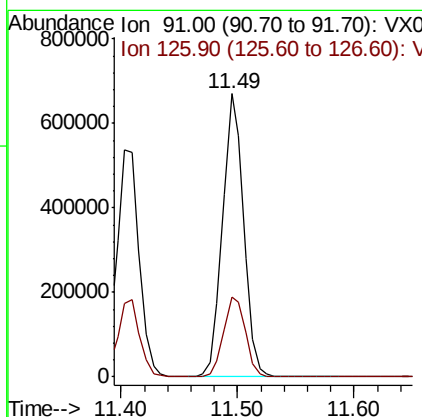
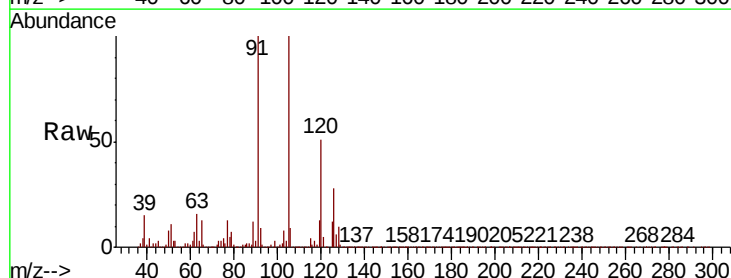
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBSD01

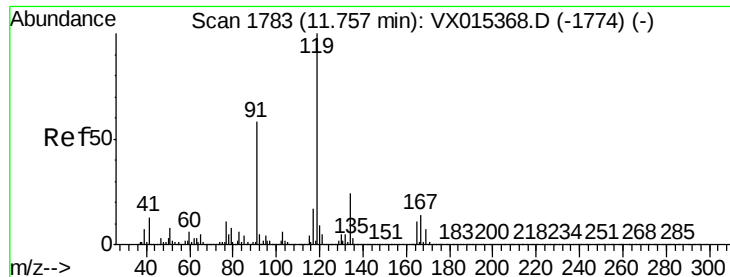
Tot Ion: 75 Resp: 116252
Ion Ratio Lower Upper
75 100
53 106.4 80.1 120.1
89 47.0 36.1 54.1



#82
4-Chlorotoluene
Concen: 19.574 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion: 91 Resp: 837996
Ion Ratio Lower Upper
91 100
126 29.0 14.7 44.1





#83

tert-Butylbenzene

Concen: 18.712 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

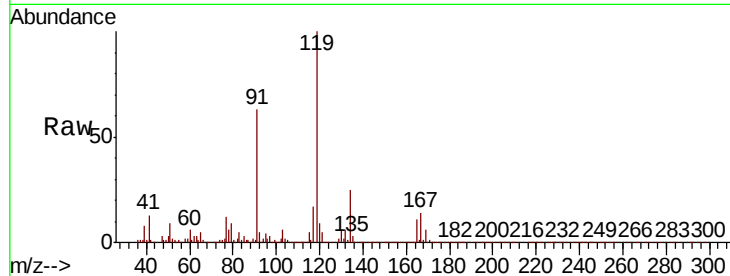
Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

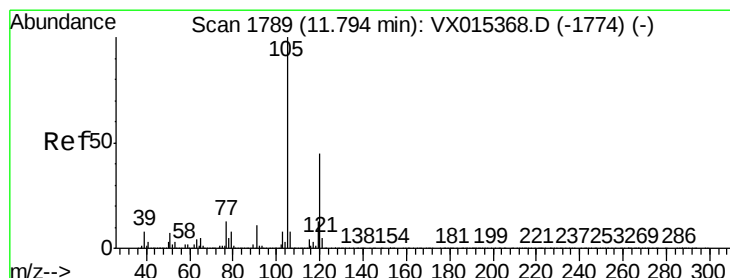
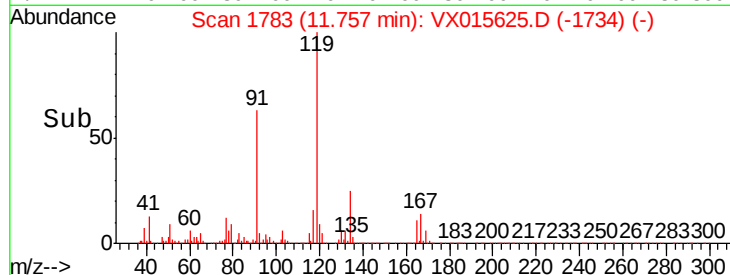
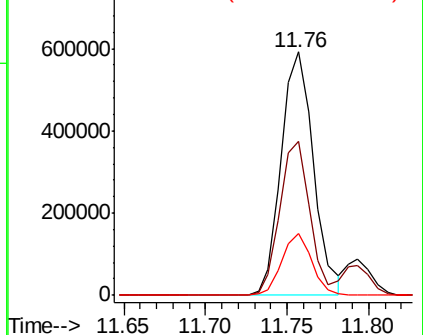
Tot Ion:	119	Resp:	813357
Ion	Ratio	Lower	Upper
119	100		
91	58.0	28.6	85.8
134	23.4	11.8	35.3



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.431 ug/l

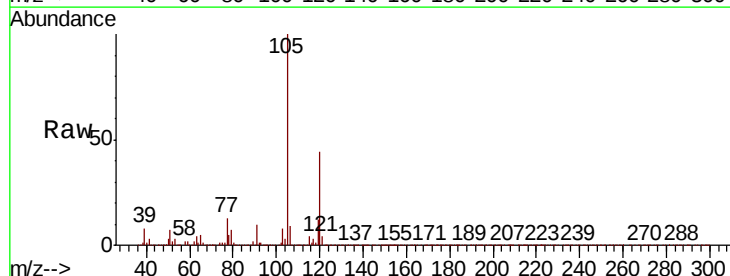
RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015625.D

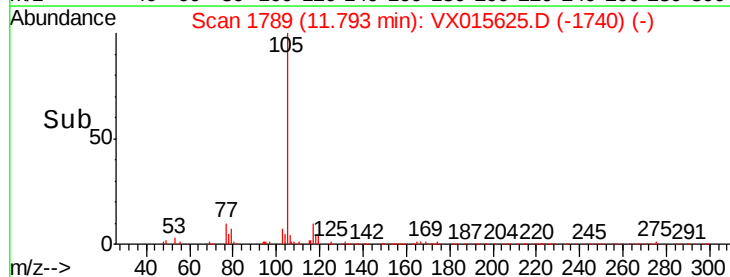
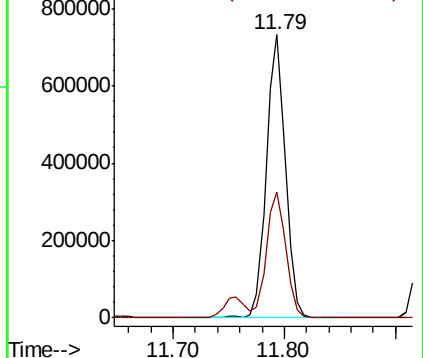
Acq: 10 Apr 2020 16:41

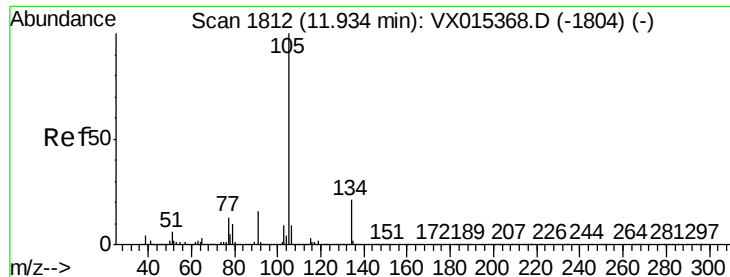
Tgt Ion:	105	Resp:	881143
Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.7	68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.892 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

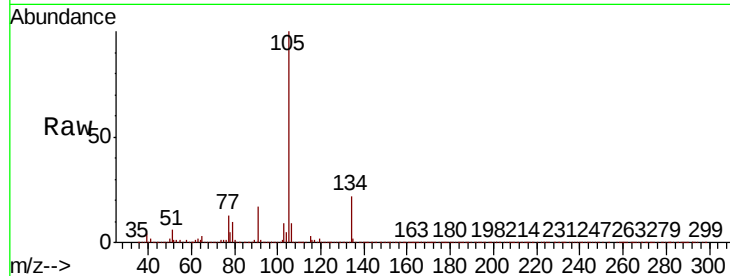
VX0410WBSD01

Tot Ion:105 Resp: 899455

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

800000

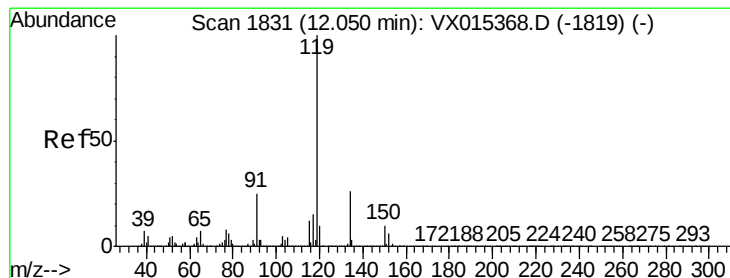
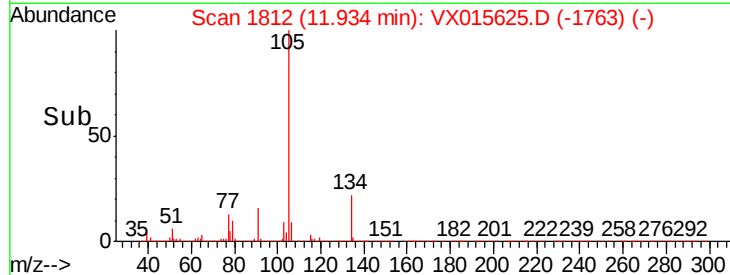
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.705 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

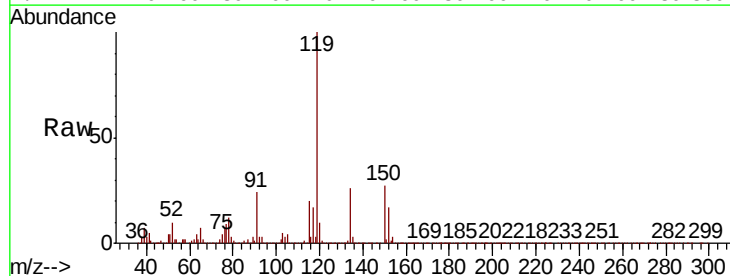
Tgt Ion:119 Resp: 872940

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 24.2 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

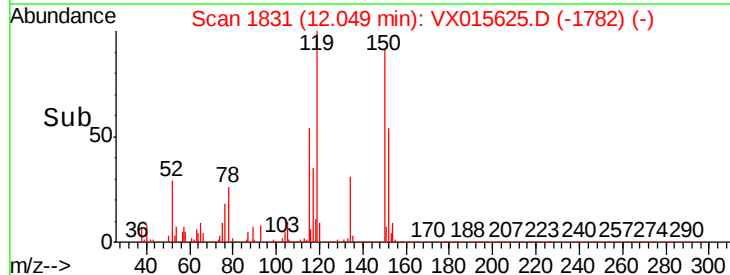
600000

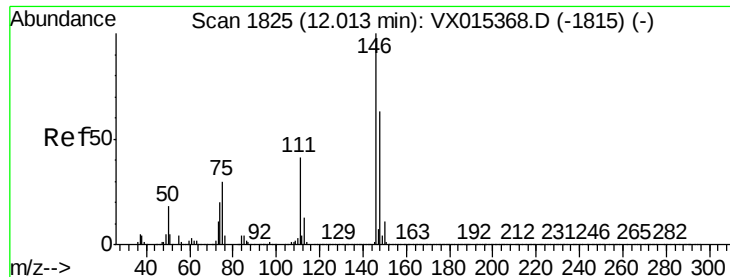
400000

200000

0

Time-->

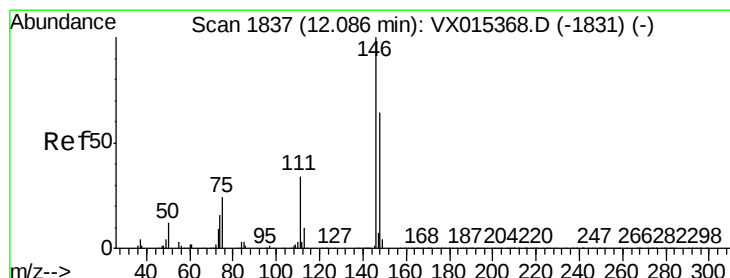
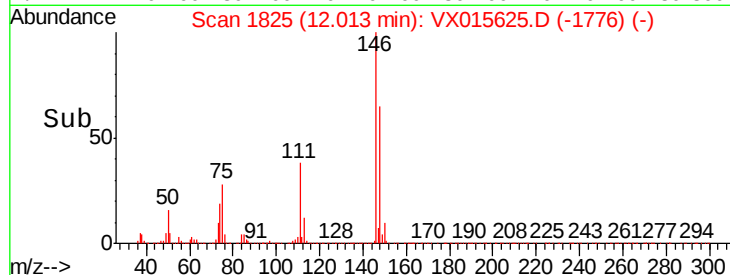
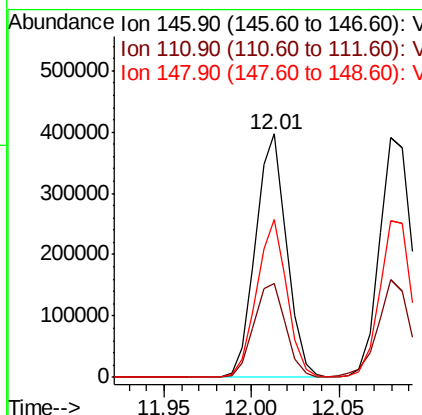
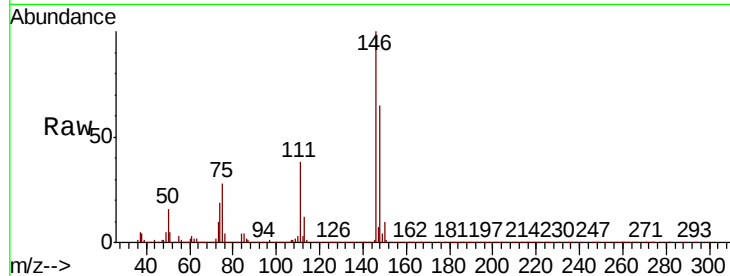




#87
 1,3-Dichlorobenzene
 Concen: 19.903 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015625.D
 Acq: 10 Apr 2020 16:41

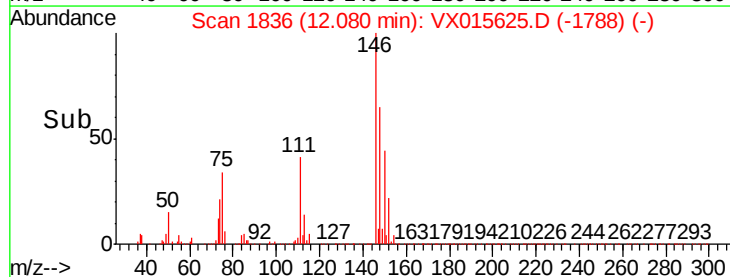
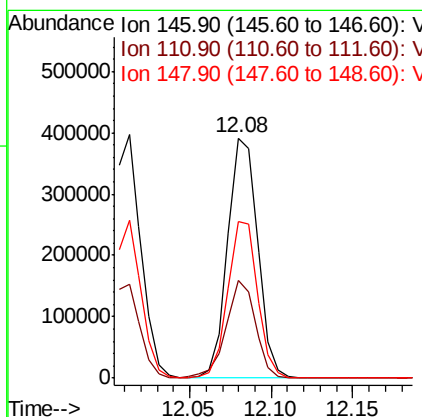
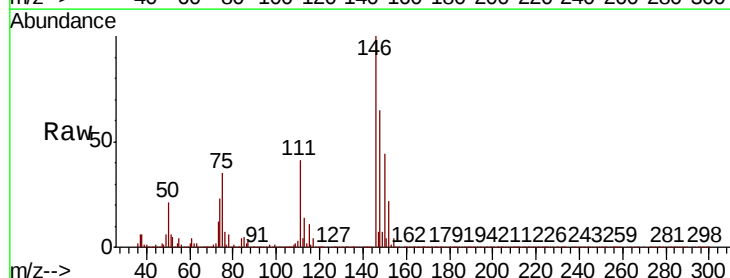
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

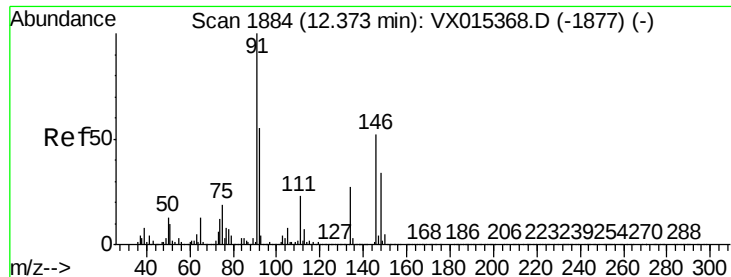
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.9
148	62.9	31.3	93.9



#88
 1,4-Dichlorobenzene
 Concen: 19.738 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015625.D
 Acq: 10 Apr 2020 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.1	57.5
148	64.5	32.4	97.2





#89

n-Butylbenzene

Concen: 17.737 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015625.D

Acq: 10 Apr 2020 16:41

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBSD01

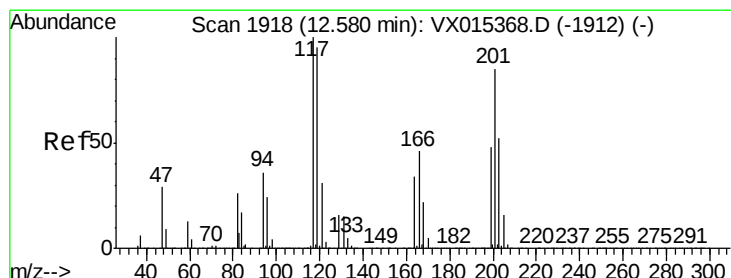
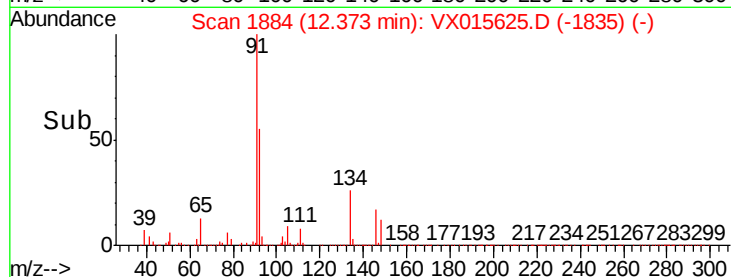
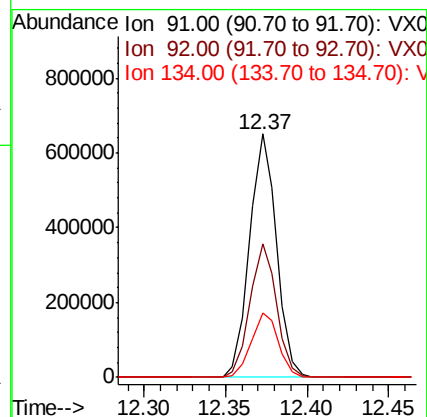
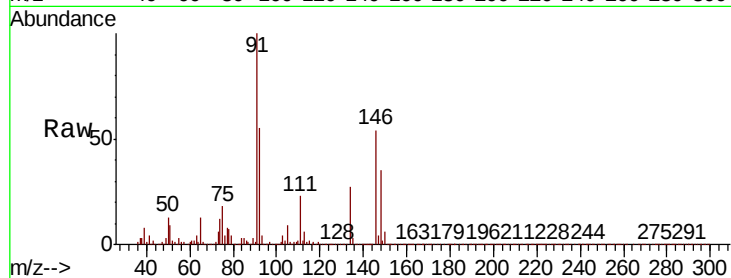
Tot Ion: 91 Resp: 748053

Ion Ratio Lower Upper

91 100

92 54.5 27.2 81.5

134 26.9 13.4 40.2



#90

Hexachloroethane

Concen: 16.627 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VX015625.D

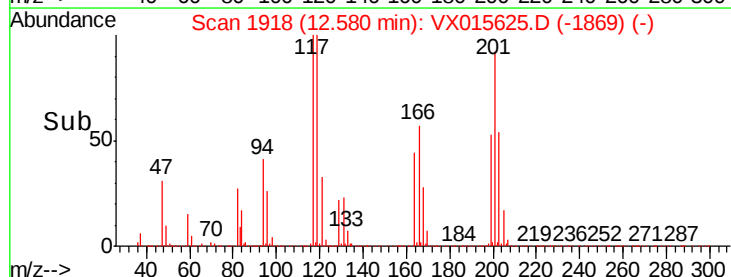
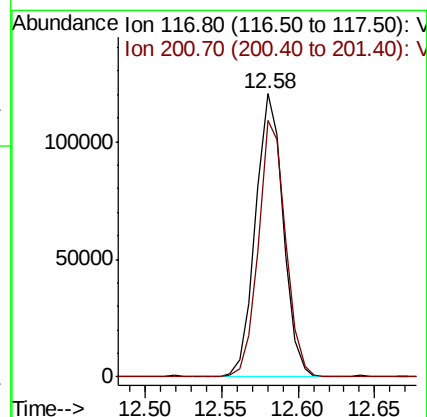
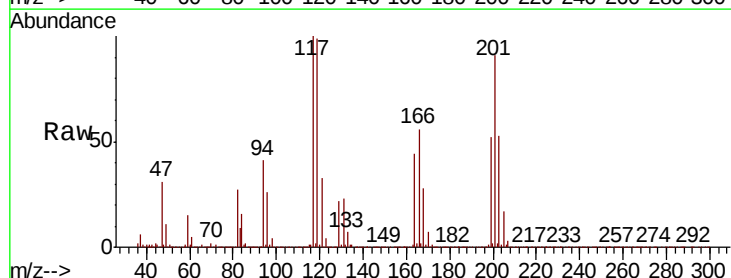
Acq: 10 Apr 2020 16:41

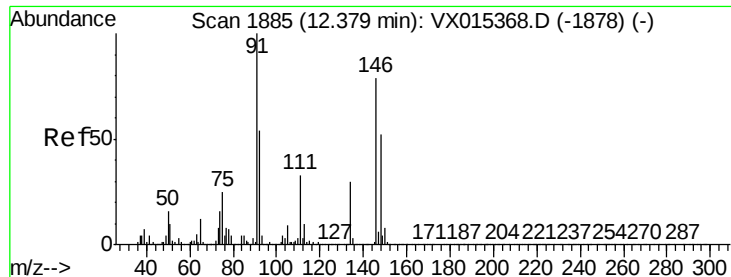
Tgt Ion: 117 Resp: 151030

Ion Ratio Lower Upper

117 100

201 89.2 42.6 128.0

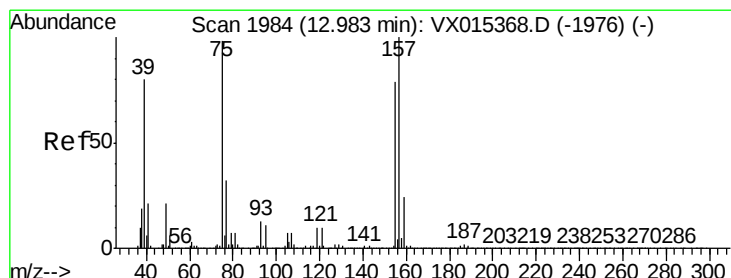
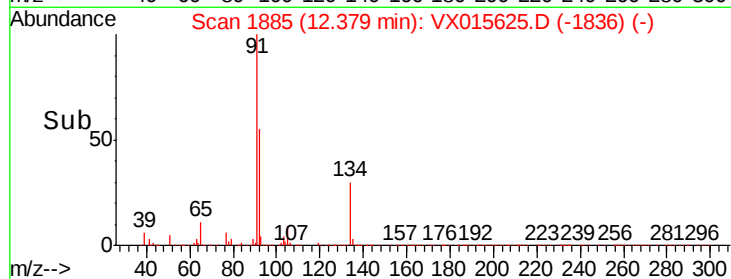
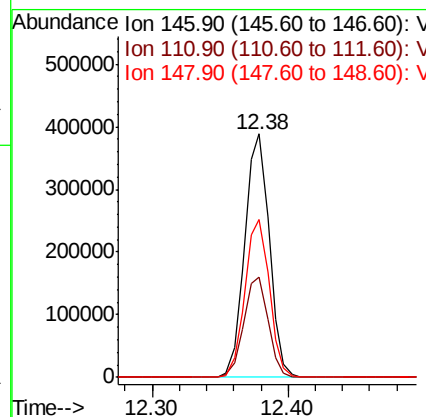
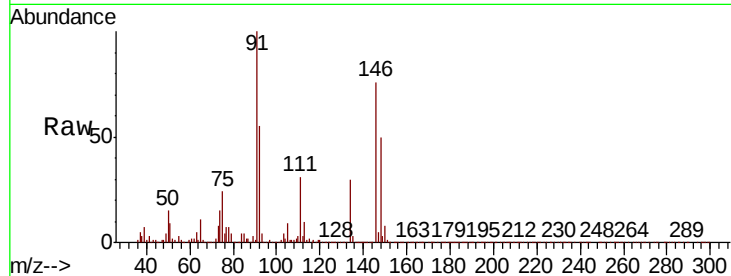




#91
 1,2-Dichlorobenzene
 Concen: 20.082 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015625.D
 Acq: 10 Apr 2020 16:41

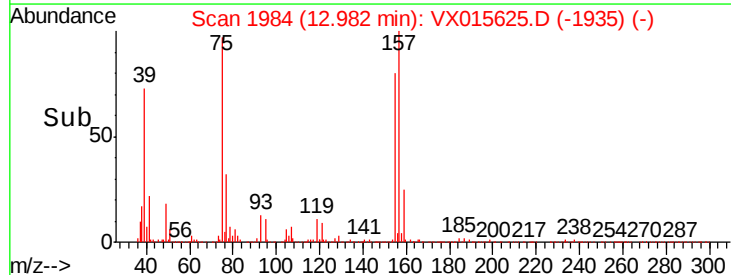
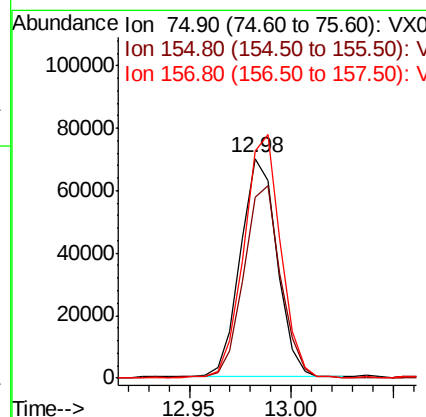
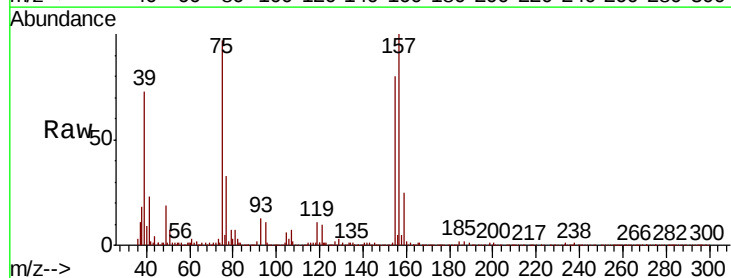
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

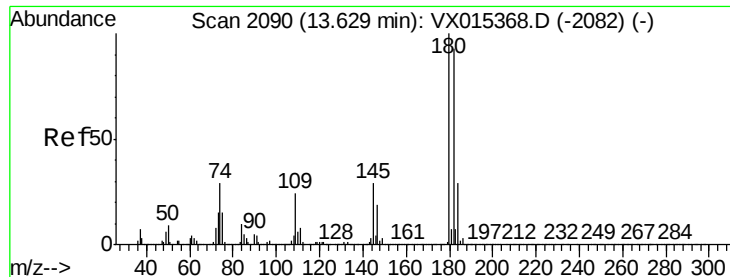
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.0	63.0
148	64.6	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.240 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015625.D
 Acq: 10 Apr 2020 16:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	42.8	128.4
157	111.8	53.4	160.3

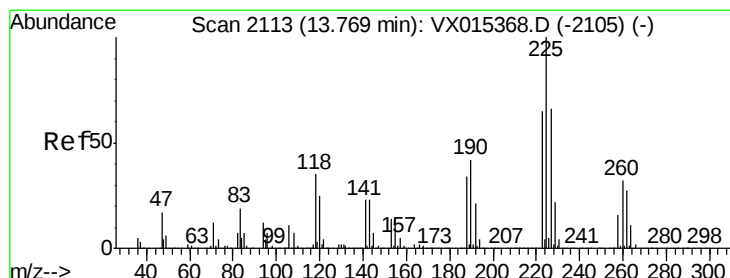
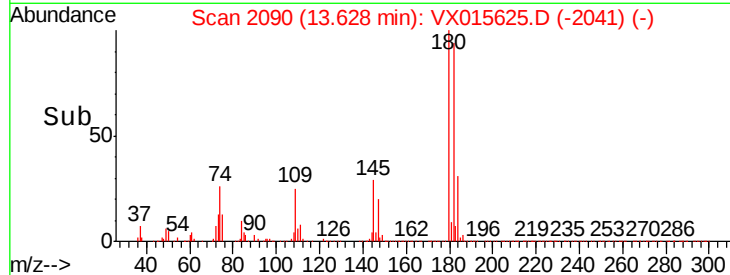
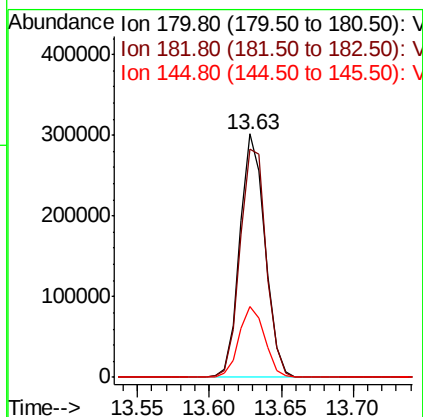
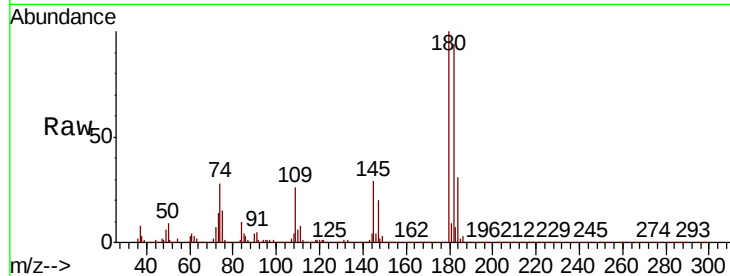




#93
 1,2,4-Trichlorobenzene
 Concen: 19.028 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015625.D
 Acq: 10 Apr 2020 16:41

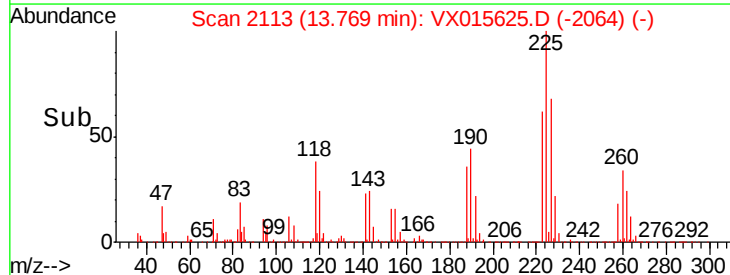
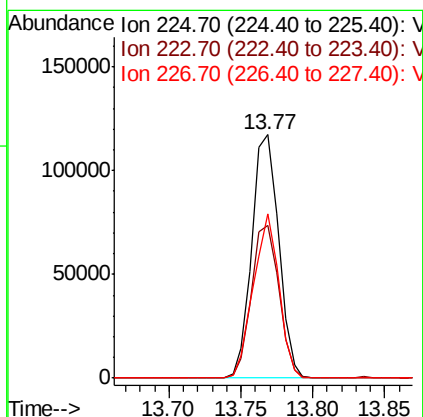
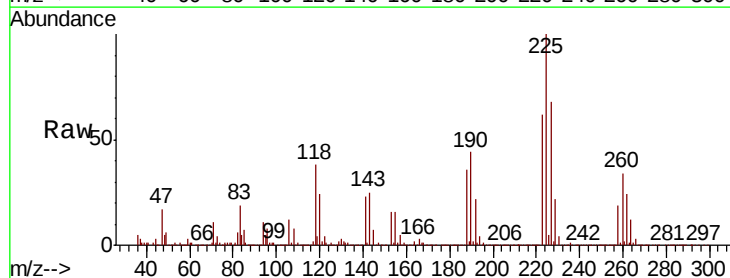
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBSD01

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



#94
 Hexachlorobutadiene
 Concen: 16.455 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015625.D
 Acq: 10 Apr 2020 16:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	31.9	95.7
227	63.7	30.4	91.3

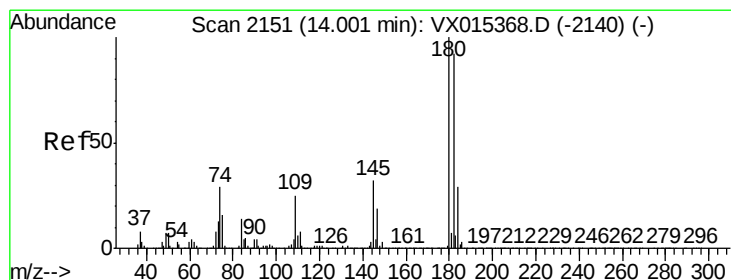
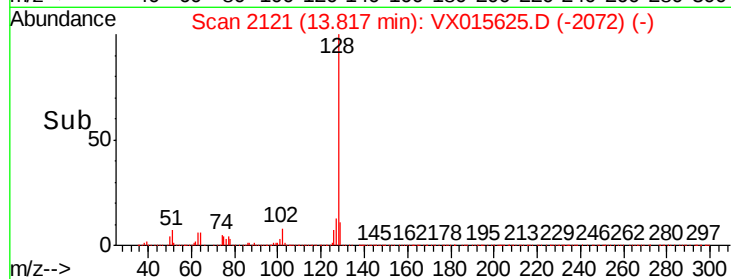
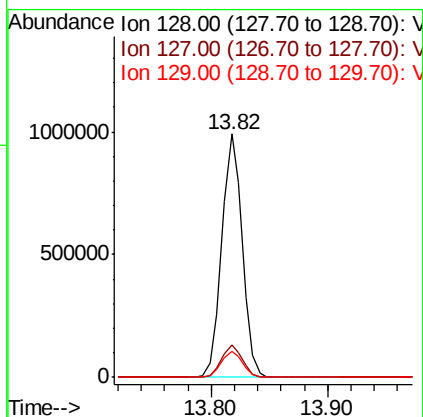
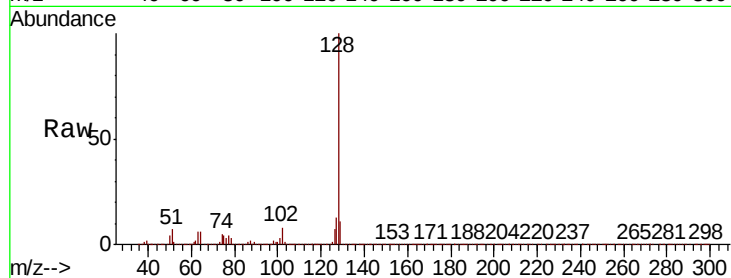




#95
Naphthalene
Concen: 20.393 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Instrument :
MSVOA_X
ClientSampled :
VX0410WBSD01

Tot Ion:128 Resp: 1198123
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.333 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015625.D
Acq: 10 Apr 2020 16:41

Tgt Ion:180 Resp: 358509
Ion Ratio Lower Upper
180 100
182 97.8 46.7 140.0
145 32.7 15.8 47.3

