

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031119\NOT REVIEWED DATA\
 Data File : VX008007.D
 Acq On : 12 Mar 2019 10:41
 Operator : JC/SP
 Sample : K1793-09MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Quant Time: Mar 16 05:02:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	229683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	344000	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152587	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	121198	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.50	113	108214	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	8.71	98	401565	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	140187	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	88981	45.345	ug/l	100
3) Chloromethane	1.33	50	116708	46.151	ug/l	100
4) Vinyl Chloride	1.41	62	122379	48.704	ug/l	98
5) Bromomethane	1.64	94	62619	53.177	ug/l	97
6) Chloroethane	1.72	64	76327	45.726	ug/l	99
7) Trichlorofluoromethane	1.93	101	162915	49.799	ug/l	96
8) Diethyl Ether	2.19	74	72570	51.227	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	96470	47.586	ug/l	99
10) Methyl Iodide	2.51	142	157334	54.705	ug/l	99
11) Tert butyl alcohol	3.07	59	144983	267.570	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98185	50.244	ug/l	99
13) Acrolein	2.30	56	73823	240.807	ug/l	100
14) Allyl chloride	2.73	41	187937	45.768	ug/l	99
15) Acrylonitrile	3.15	53	340778	249.165	ug/l	100
16) Acetone	2.45	43	285138	203.320	ug/l	99
17) Carbon Disulfide	2.57	76	287851	48.493	ug/l	100
18) Methyl Acetate	2.78	43	118461	39.761	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	348468	51.834	ug/l	99
20) Methylene Chloride	2.86	84	111438	49.929	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	105133	48.894	ug/l	96
22) Diisopropyl ether	3.87	45	365586	48.568	ug/l	97
23) Vinyl Acetate	3.82	43	1140389	172.763	ug/l	99
24) 1,1-Dichloroethane	3.70	63	202292	49.939	ug/l	99
25) 2-Butanone	4.70	43	463611	233.504	ug/l	98
26) 2,2-Dichloropropane	4.58	77	82167	30.617	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	122053	49.605	ug/l	94
28) Bromochloromethane	5.02	49	93323	49.416	ug/l	96
29) Tetrahydrofuran	5.15	42	308681	249.247	ug/l	98
30) Chloroform	5.21	83	196406	51.257	ug/l	100
31) Cyclohexane	5.57	56	178810	48.029	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	164433	51.720	ug/l	98
36) 1,1-Dichloropropene	5.80	75	145234	46.626	ug/l	99
37) Ethyl Acetate	4.85	43	130116	35.201	ug/l	99
38) Carbon Tetrachloride	5.78	117	144600	48.899	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171065	45.323	ug/l	99
40) Benzene	6.14	78	457341	49.319	ug/l	100
41) Methacrylonitrile	5.06	41	97925	48.592	ug/l	98
42) 1,2-Dichloroethane	6.20	62	147226	48.548	ug/l	100
43) Isopropyl Acetate	6.46	43	224924	41.116	ug/l	99
44) Trichloroethene	7.21	130	151080	59.120	ug/l	98
45) 1,2-Dichloropropane	7.51	63	120932	49.376	ug/l	98
46) Dibromomethane	7.66	93	77042	49.705	ug/l	99
47) Bromodichloromethane	7.90	83	146109	49.719	ug/l	100
48) Methyl methacrylate	7.77	41	139944	48.656	ug/l	98
49) 1,4-Dioxane	7.75	88	61506	1041.013	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	866739	246.366	ug/l	99
52) Toluene	8.79	92	279402	49.352	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	148108	48.287	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	165568	47.801	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	118109	51.535	ug/l	99
56) Ethyl methacrylate	9.18	69	174954	50.843	ug/l	98
57) 1,3-Dichloropropane	9.37	76	192650	50.064	ug/l	100
59) 2-Hexanone	9.49	43	651616	238.567	ug/l	99
60) Dibromochloromethane	9.59	129	123018	51.354	ug/l	100
61) 1,2-Dibromoethane	9.67	107	122719	50.434	ug/l	99
64) Tetrachloroethene	9.34	164	120895	48.226	ug/l	98
65) Chlorobenzene	10.14	112	309827	48.945	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	116449	51.328	ug/l	99
67) Ethyl Benzene	10.25	91	516925	49.609	ug/l	100
68) m/p-Xylenes	10.36	106	397850	99.056	ug/l	100
69) o-Xylene	10.69	106	194708	50.213	ug/l	98
70) Styrene	10.71	104	321504	50.668	ug/l	100
71) Bromoform	10.86	173	97321	49.952	ug/l #	100
73) Isopropylbenzene	11.02	105	516147	50.016	ug/l	100
74) N-amyl acetate	10.90	43	161982	34.382	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	168668	47.383	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	187876	58.676	ug/l	93
77) Bromobenzene	11.26	156	139042	49.144	ug/l	98
78) n-propylbenzene	11.36	91	565365	49.383	ug/l	100
79) 2-Chlorotoluene	11.42	91	340029	48.576	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	428160	50.409	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43008	42.935	ug/l	99
82) 4-Chlorotoluene	11.51	91	391726	48.832	ug/l	100
83) tert-Butylbenzene	11.77	119	436123	50.975	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	437913	50.294	ug/l	100
85) sec-Butylbenzene	11.94	105	502619	49.881	ug/l	99
86) p-Isopropyltoluene	12.06	119	451303	50.010	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	241240	48.196	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	241780	47.167	ug/l	100
89) n-Butylbenzene	12.39	91	367760	48.102	ug/l	99
90) Hexachloroethane	12.60	117	74922	49.656	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	241329	48.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35998	48.389	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	169407	48.497	ug/l	99

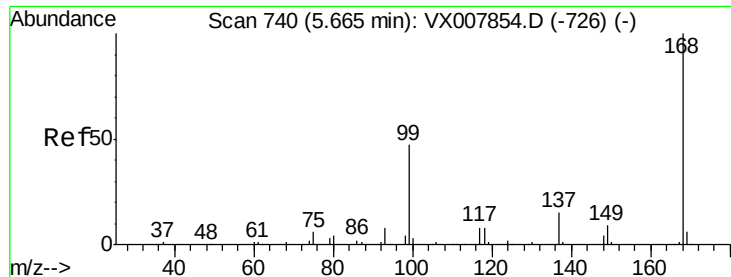
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	85677	46.913	ug/l	100
95) Naphthalene	13.83	128	518204	51.486	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	172136	49.467	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

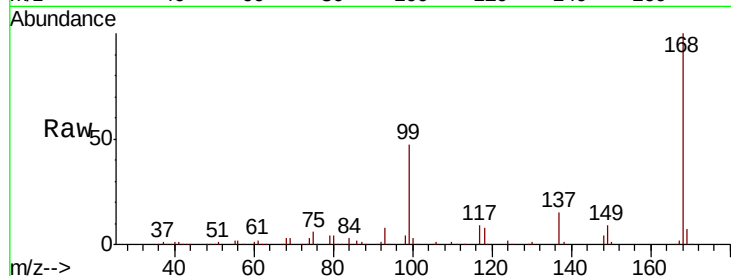
RE123D1-20190306MSD

Tgt Ion:168 Resp: 229683

Ion Ratio Lower Upper

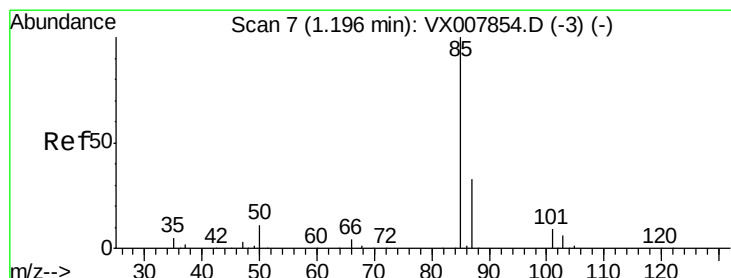
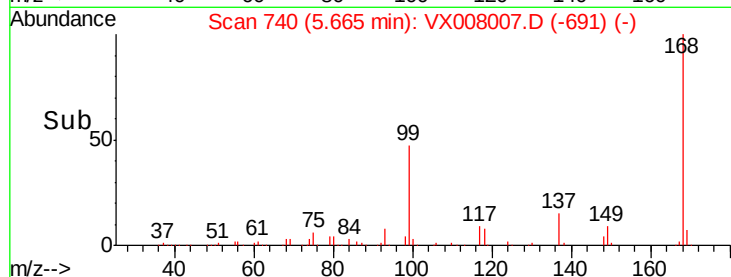
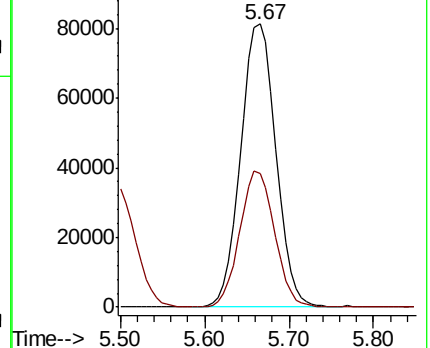
168 100

99 47.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 45.345 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008007.D

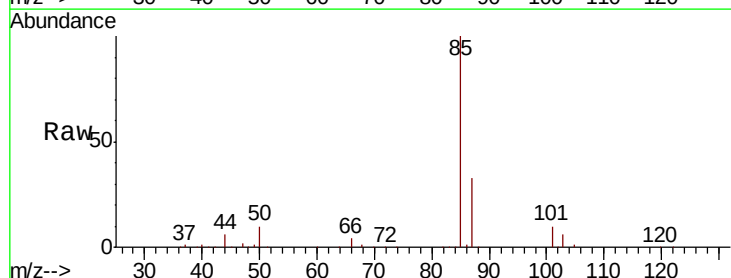
Acq: 12 Mar 2019 10:41

Tgt Ion: 85 Resp: 88981

Ion Ratio Lower Upper

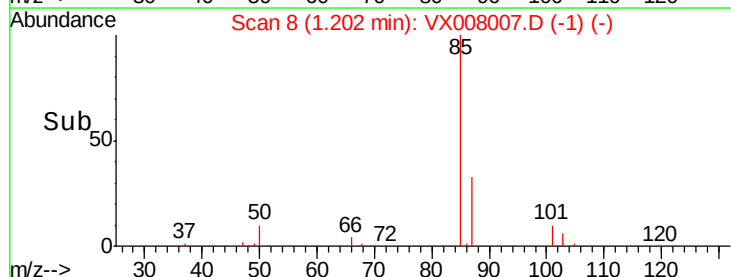
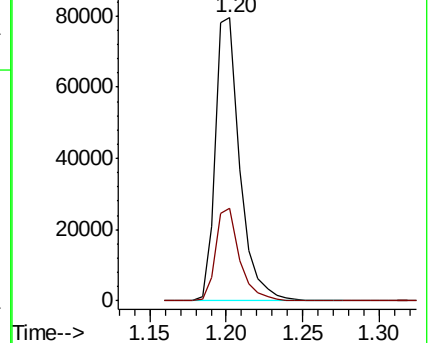
85 100

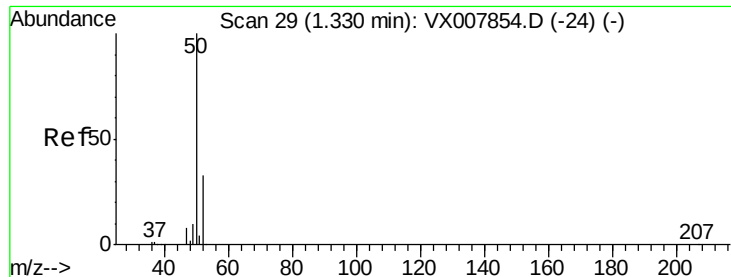
87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.151 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

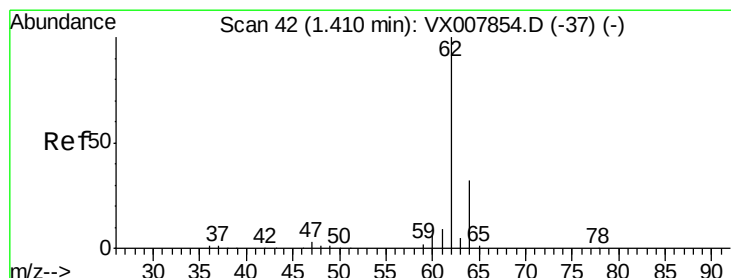
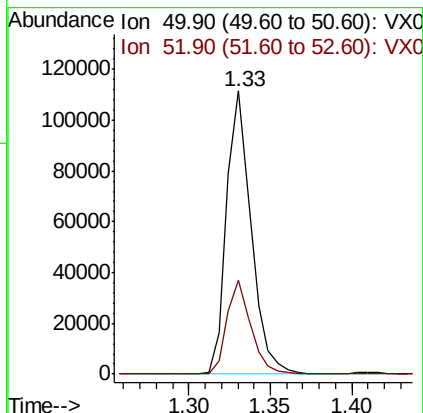
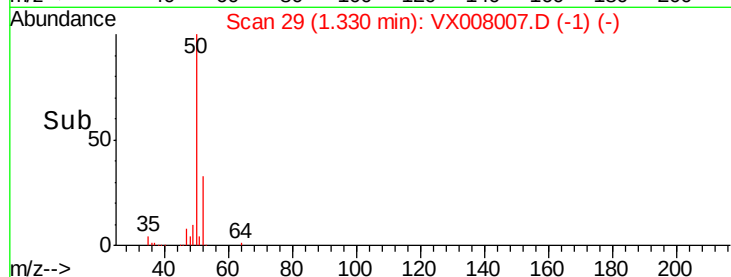
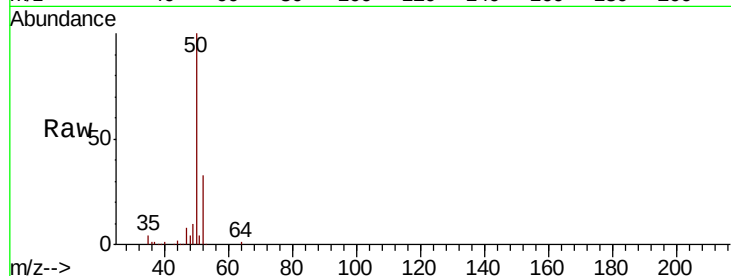
RE123D1-20190306MSD

Tgt Ion: 50 Resp: 116708

Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7



#4

Vinyl Chloride

Concen: 48.704 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008007.D

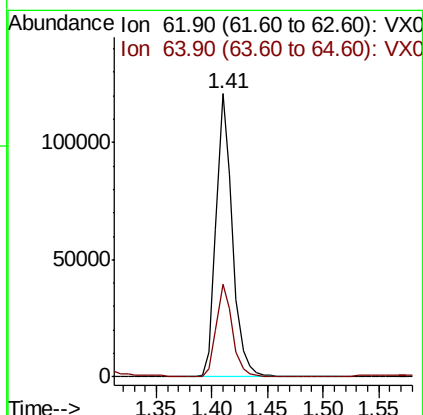
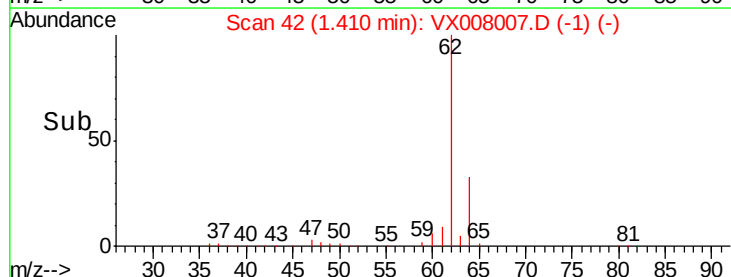
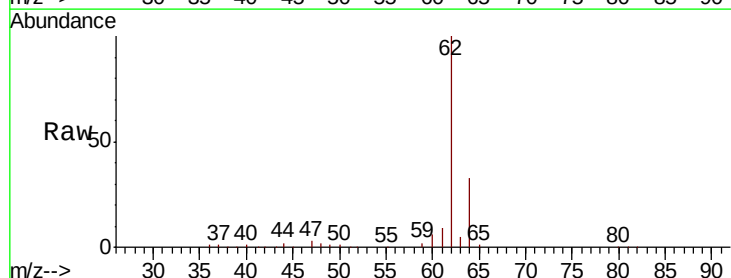
Acq: 12 Mar 2019 10:41

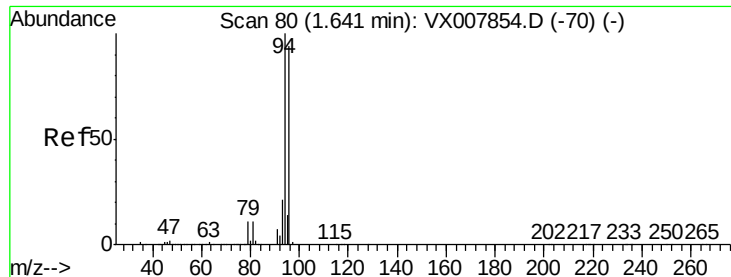
Tgt Ion: 62 Resp: 122379

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9





#5

Bromomethane

Concen: 53.177 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

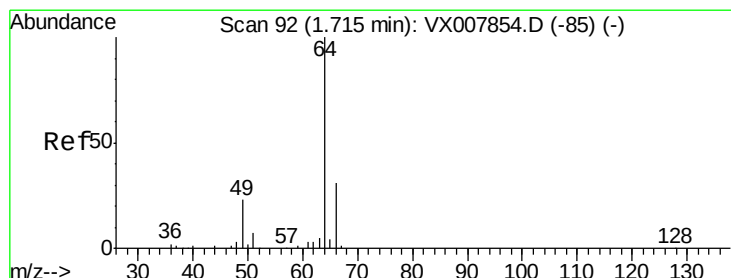
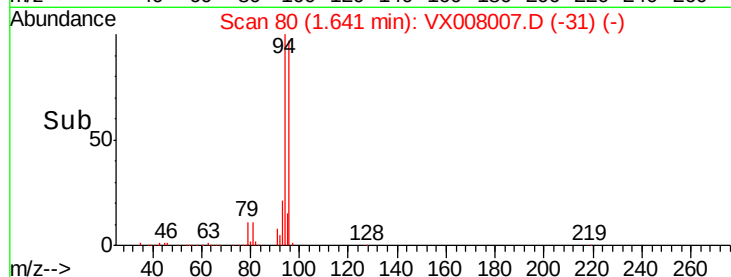
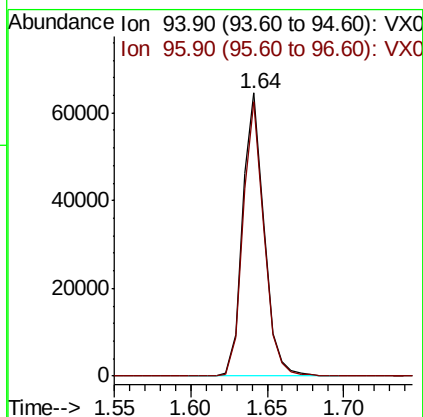
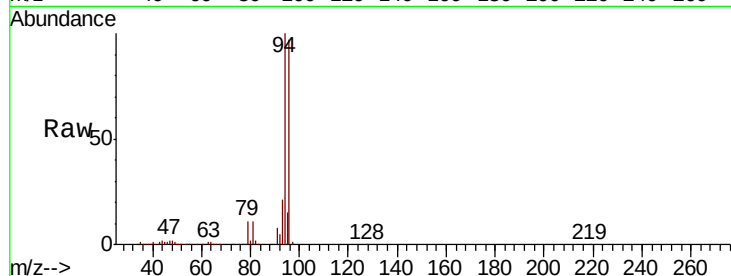
RE123D1-20190306MSD

Tgt Ion: 94 Resp: 62619

Ion Ratio Lower Upper

94 100

96 96.9 75.5 113.3



#6

Chloroethane

Concen: 45.726 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008007.D

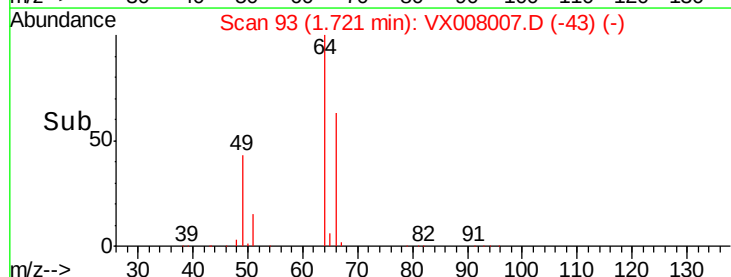
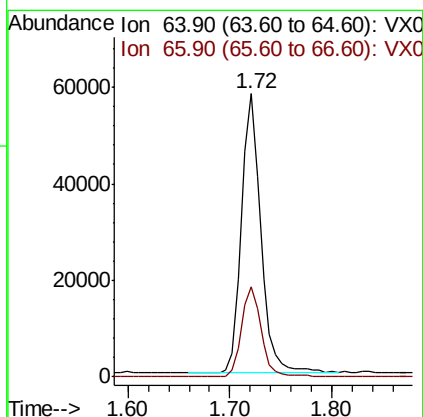
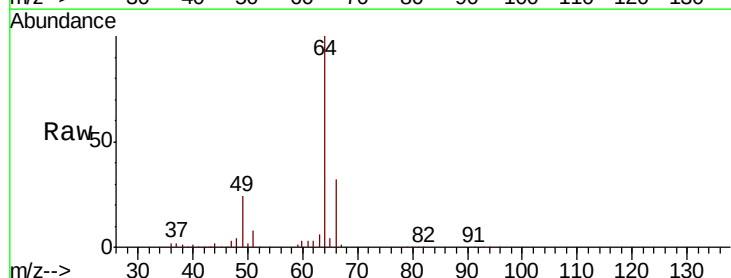
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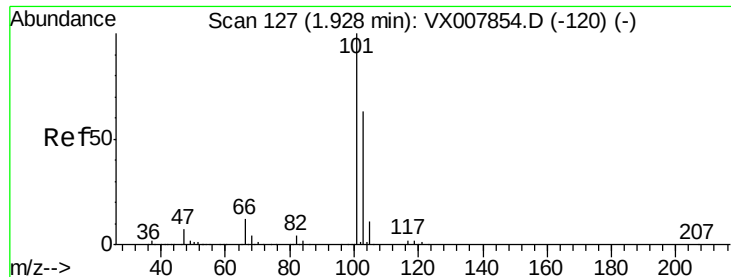
Tgt Ion: 64 Resp: 76327

Ion Ratio Lower Upper

64 100

66 32.2 25.2 37.8



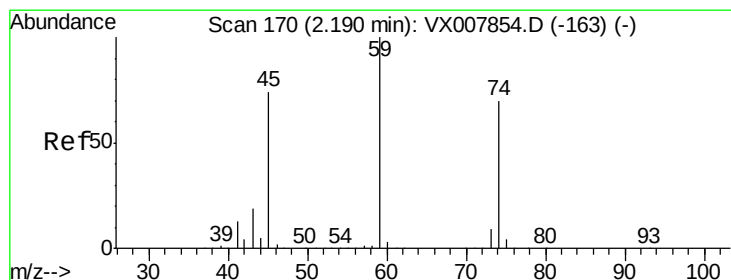
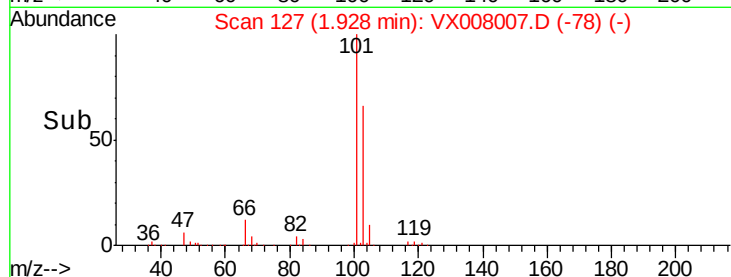
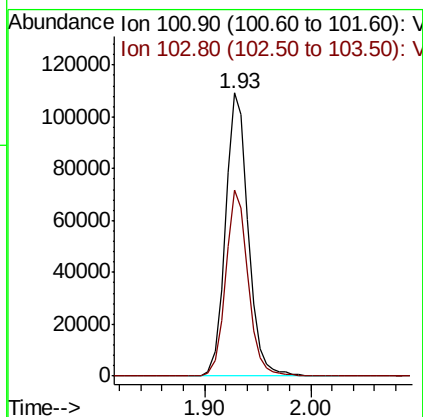
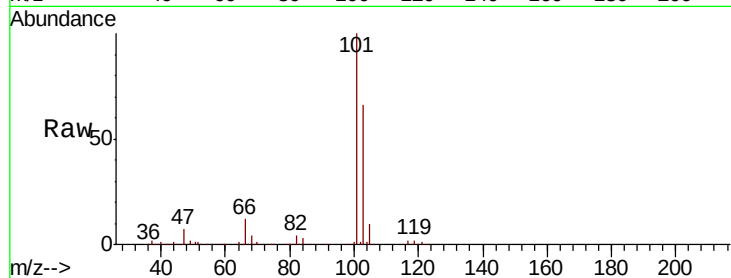


#7

Trichlorofluoromethane
 Concen: 49.799 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

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 MSVOA_X
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 RE123D1-20190306MSD

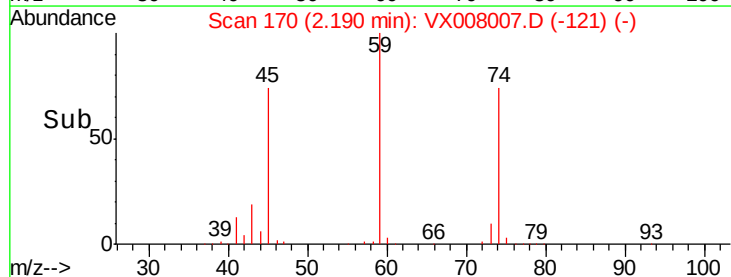
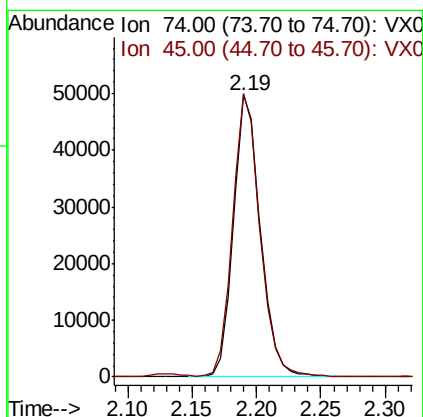
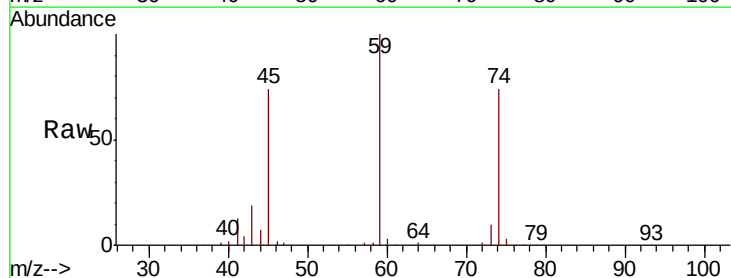
Tgt Ion:101 Resp: 162915
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.4 75.6

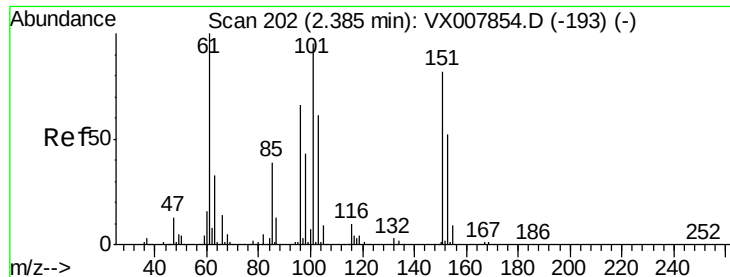


#8

Diethyl Ether
 Concen: 51.227 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion: 74 Resp: 72570
 Ion Ratio Lower Upper
 74 100
 45 100.5 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.586 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

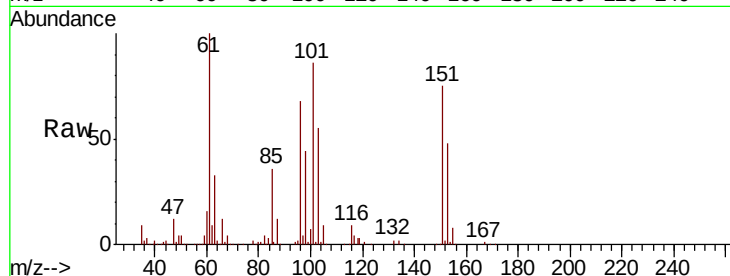
Tgt Ion:101 Resp: 96470

Ion Ratio Lower Upper

101 100

85 42.1 33.8 50.6

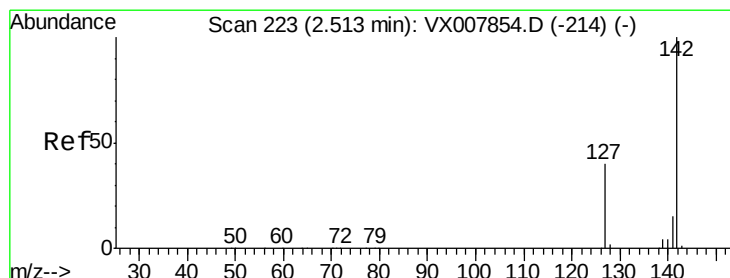
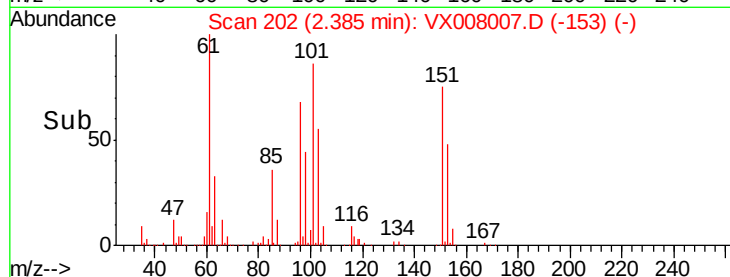
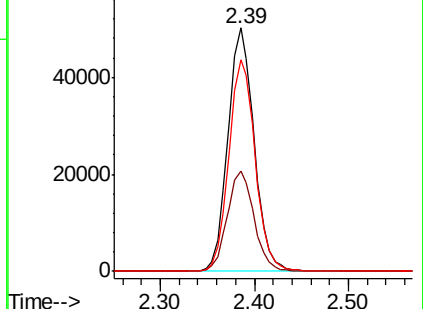
151 87.8 69.1 103.7



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: 54.705 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

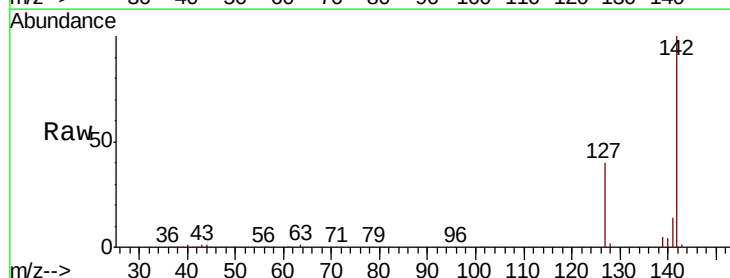
Tgt Ion:142 Resp: 157334

Ion Ratio Lower Upper

142 100

127 39.0 32.1 48.1

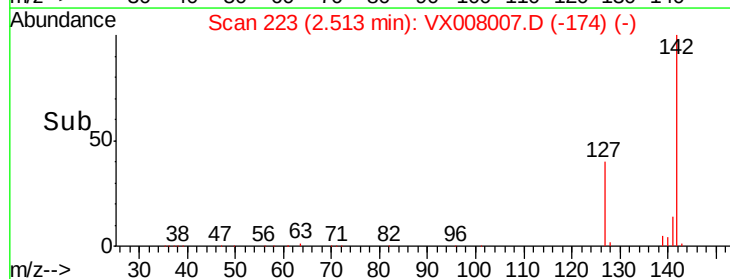
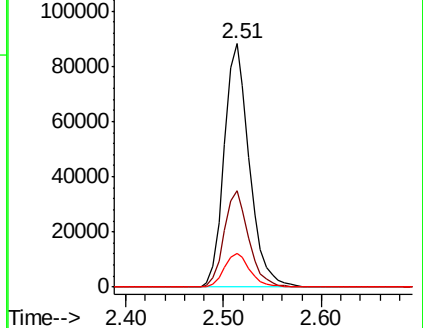
141 14.2 11.4 17.2

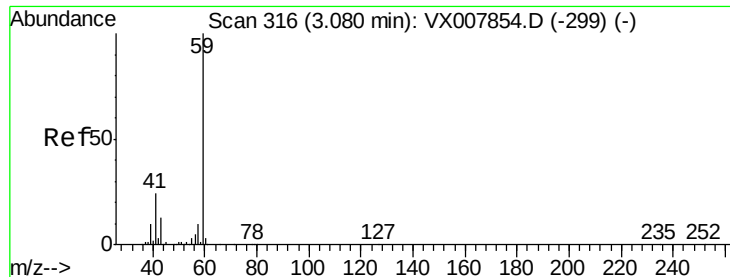


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

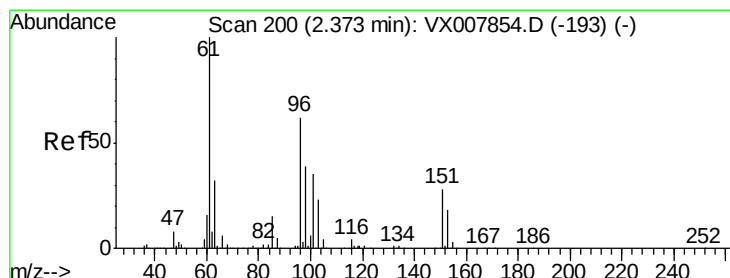
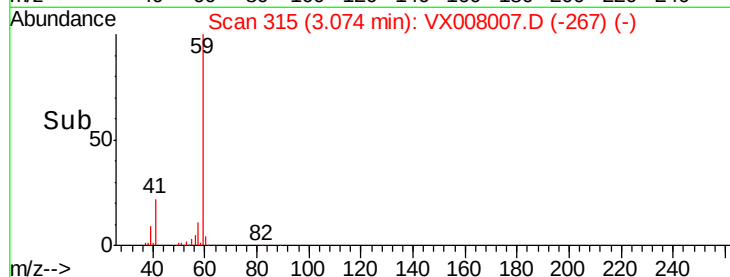
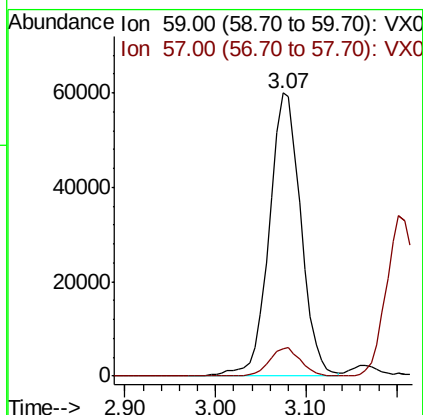
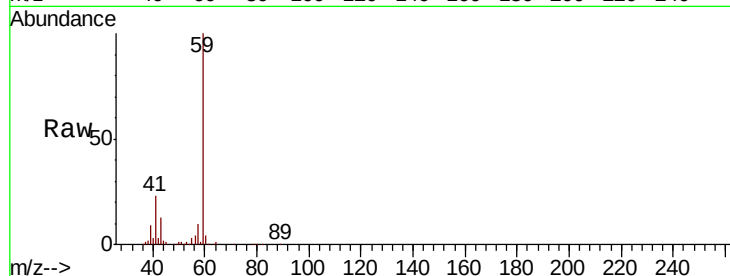




#11
Tert butyl alcohol
Concen: 267.570 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

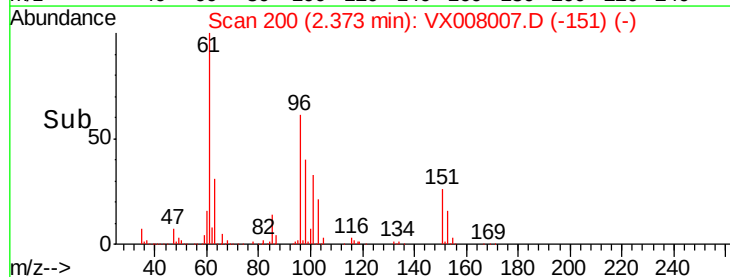
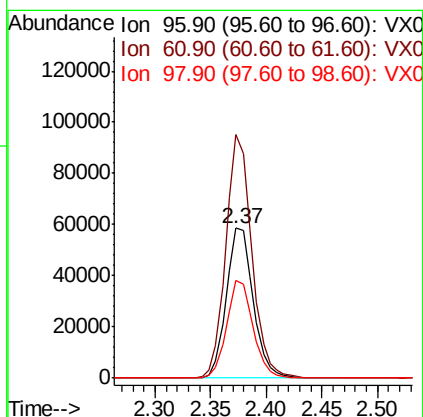
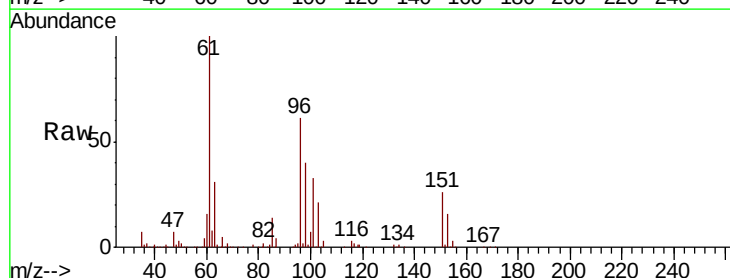
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

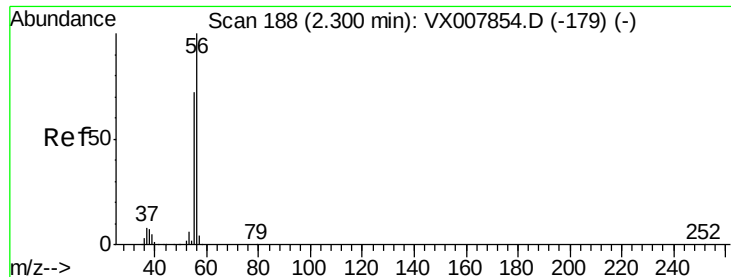
Tgt Ion: 59 Resp: 144983
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 50.244 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 96 Resp: 98185
Ion Ratio Lower Upper
96 100
61 162.6 129.8 194.6
98 65.0 51.0 76.6





#13

Acrolein

Concen: 240.807 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

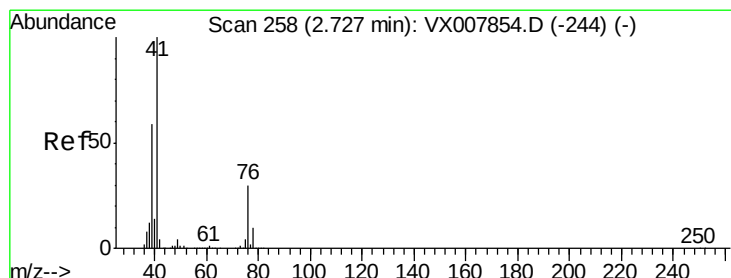
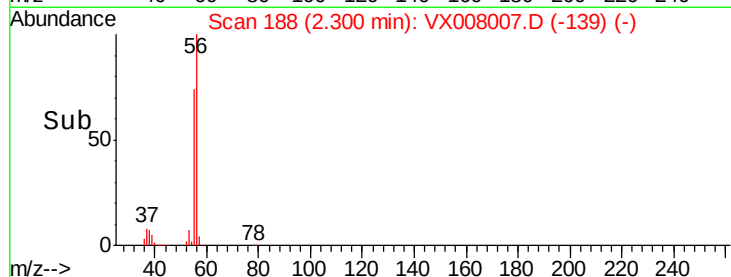
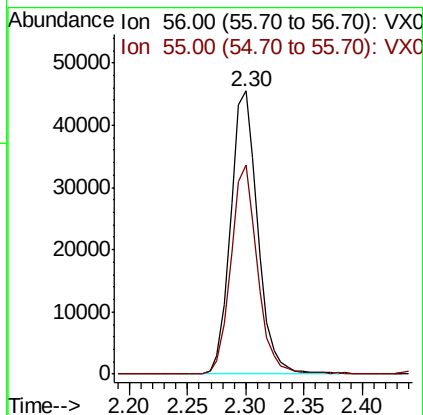
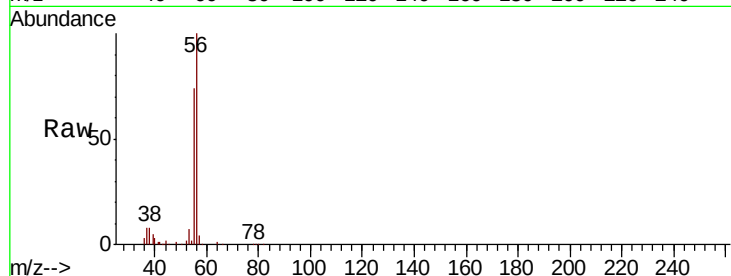
RE123D1-20190306MSD

Tgt Ion: 56 Resp: 73823

Ion Ratio Lower Upper

56 100

55 72.3 57.8 86.6



#14

Allyl chloride

Concen: 45.768 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

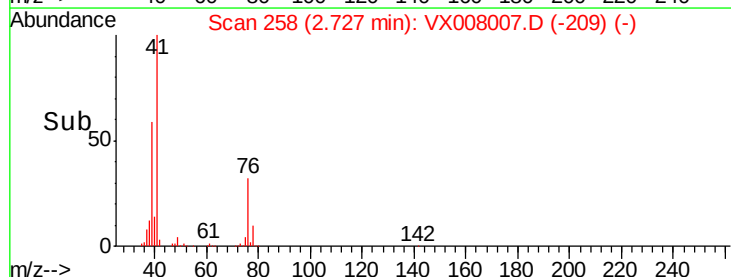
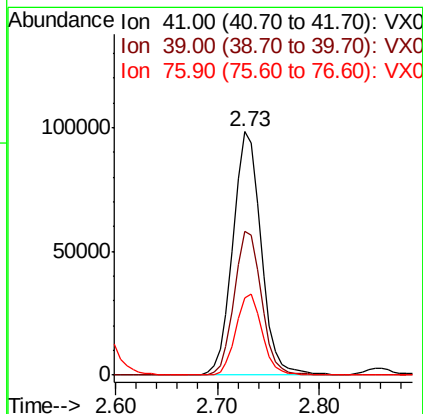
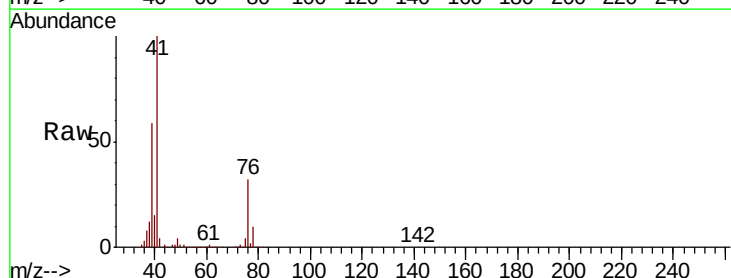
Tgt Ion: 41 Resp: 187937

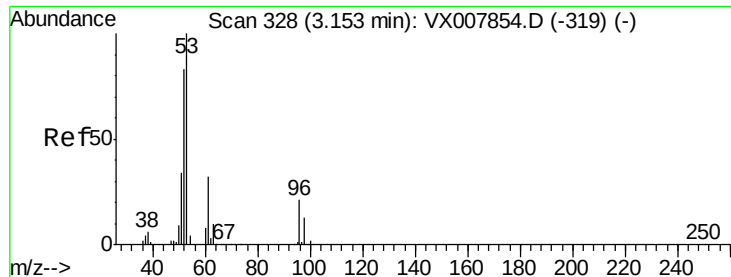
Ion Ratio Lower Upper

41 100

39 57.2 46.1 69.1

76 31.3 24.0 36.0





#15

Acrylonitrile

Concen: 249.165 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

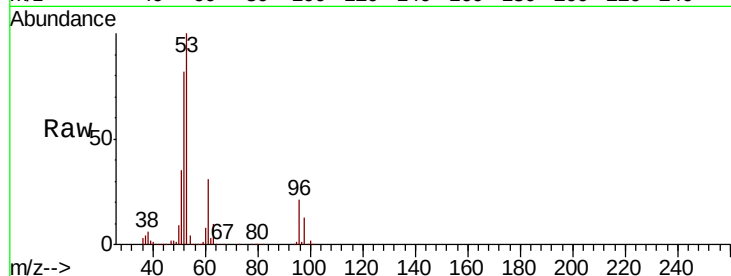
Tgt Ion: 53 Resp: 340778

Ion Ratio Lower Upper

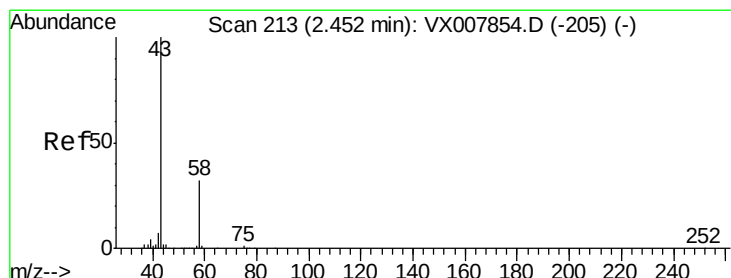
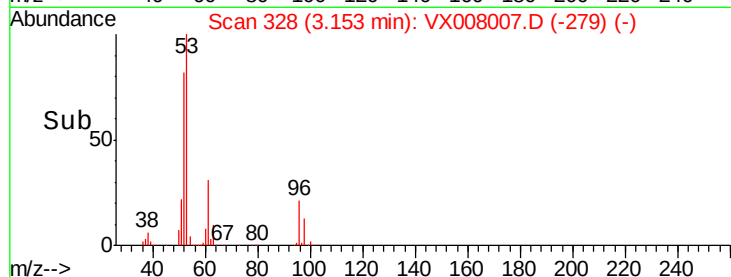
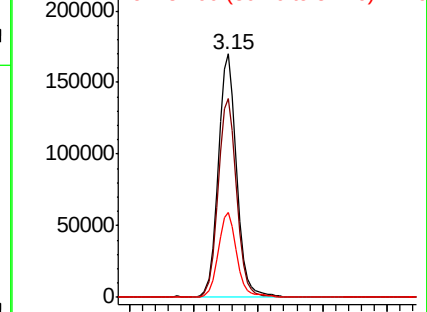
53 100

52 82.4 66.0 99.0

51 35.4 28.0 42.0



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: 203.320 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008007.D

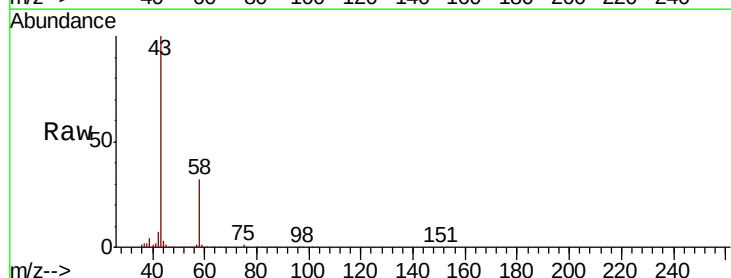
Acq: 12 Mar 2019 10:41

Tgt Ion: 43 Resp: 285138

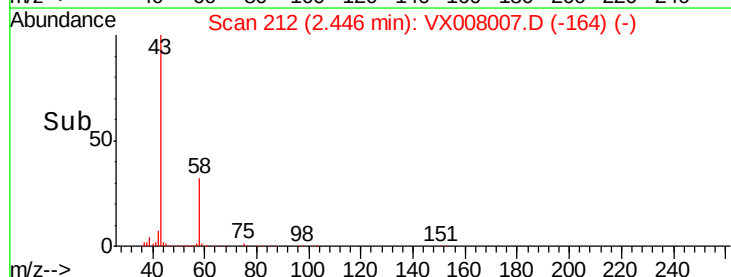
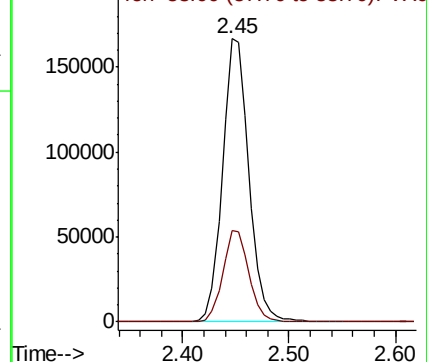
Ion Ratio Lower Upper

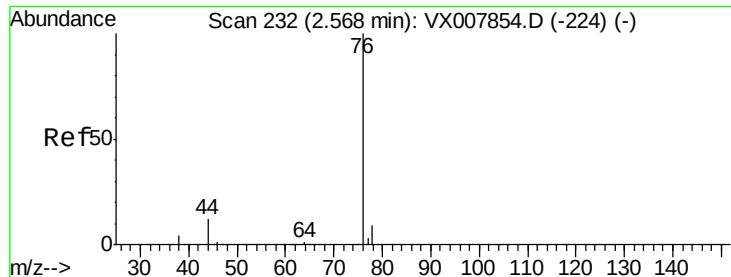
43 100

58 32.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.493 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

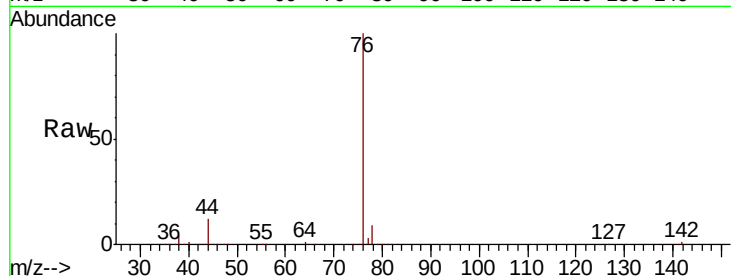
RE123D1-20190306MSD

Tgt Ion: 76 Resp: 287851

Ion Ratio Lower Upper

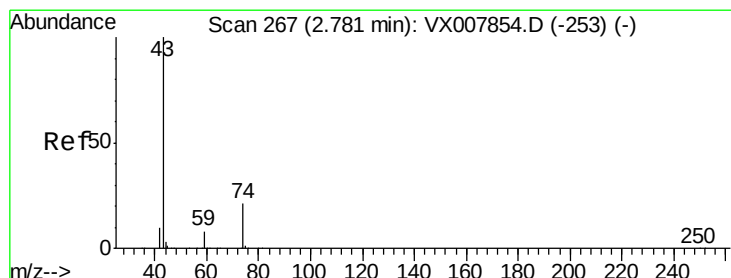
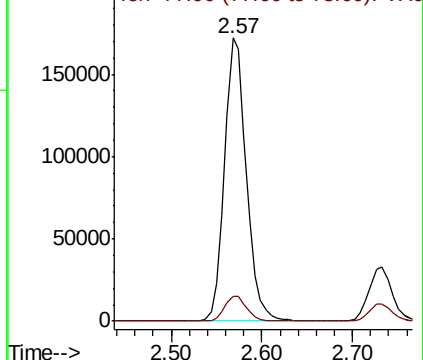
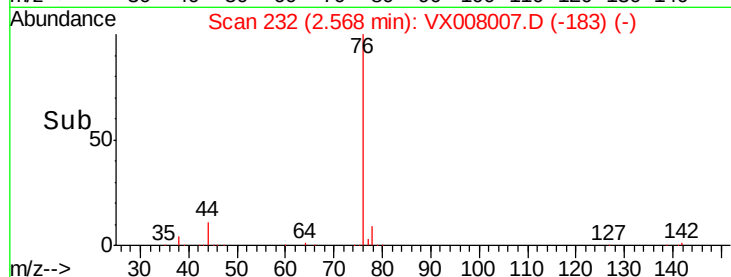
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX008007.D (-183) (-)

Ion 77.90 (77.60 to 78.60): VX008007.D (-183) (-)



#18

Methyl Acetate

Concen: 39.761 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX008007.D

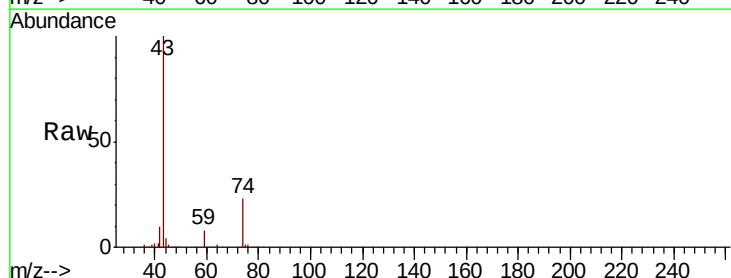
Acq: 12 Mar 2019 10:41

Tgt Ion: 43 Resp: 118461

Ion Ratio Lower Upper

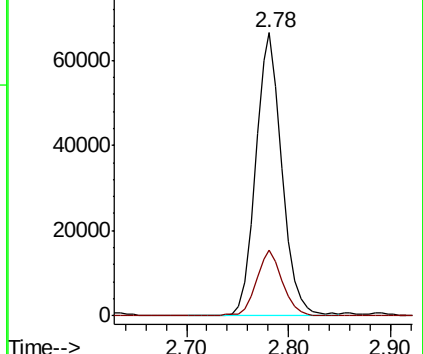
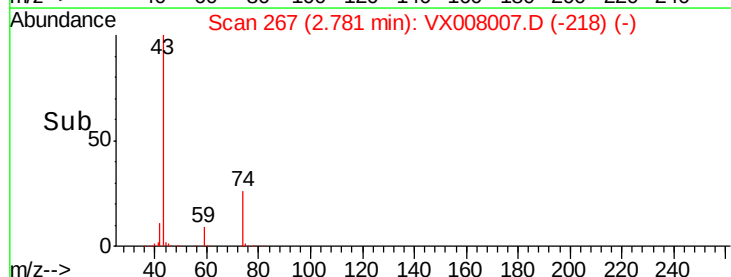
43 100

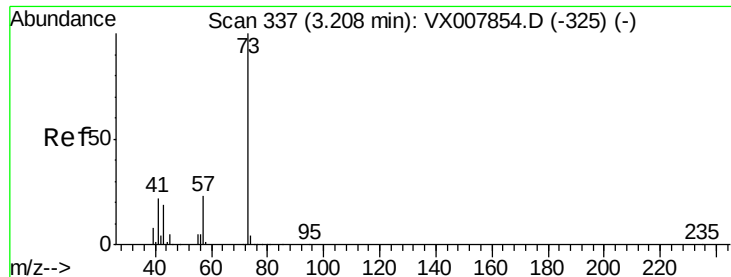
74 23.4 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX008007.D (-218) (-)

Ion 74.00 (73.70 to 74.70): VX008007.D (-218) (-)

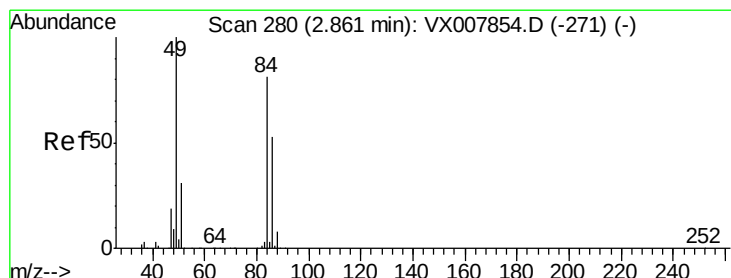
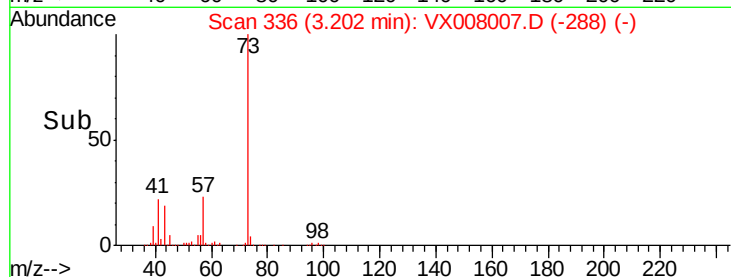
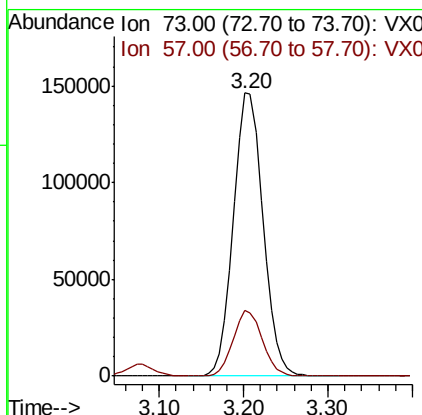
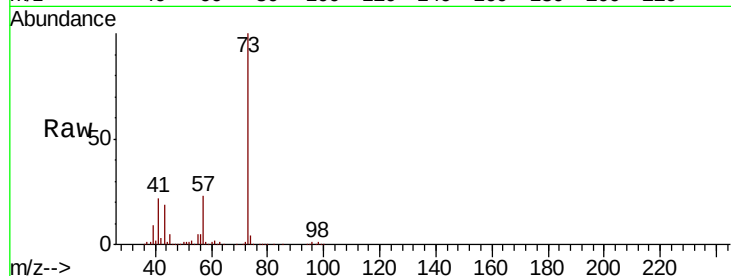




#19
Methyl tert-butyl Ether
Concen: 51.834 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

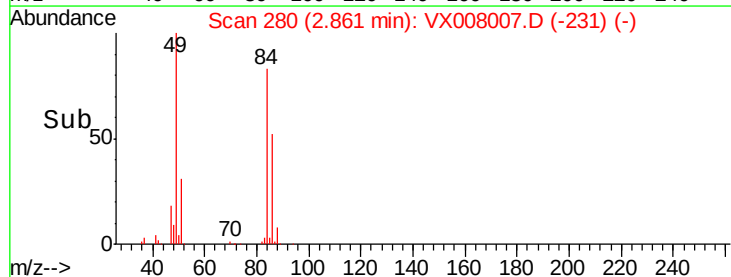
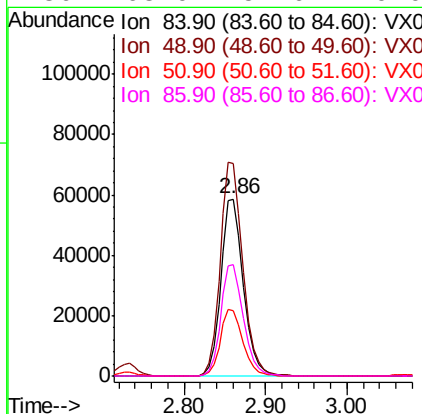
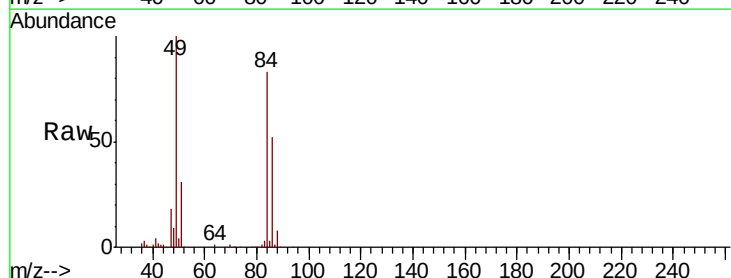
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

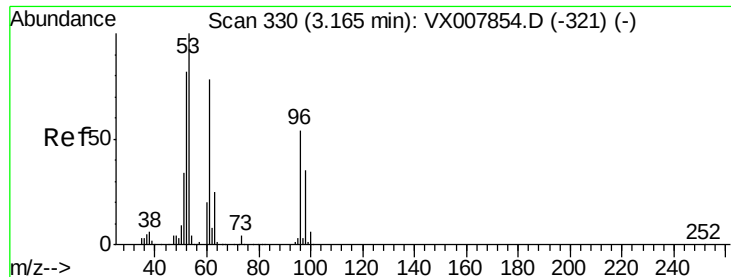
Tgt Ion: 73 Resp: 348468
Ion Ratio Lower Upper
73 100
57 23.1 18.2 27.4



#20
Methylene Chloride
Concen: 49.929 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 84 Resp: 111438
Ion Ratio Lower Upper
84 100
49 120.3 99.3 148.9
51 37.1 31.3 46.9
86 63.0 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 48.894 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

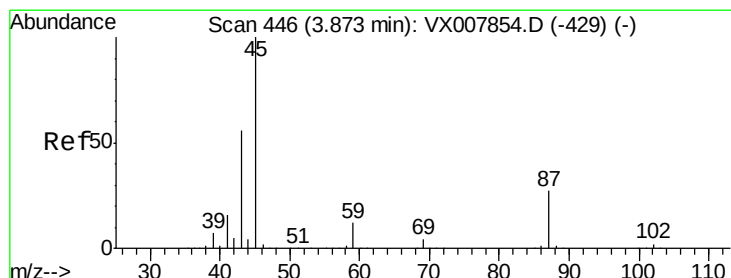
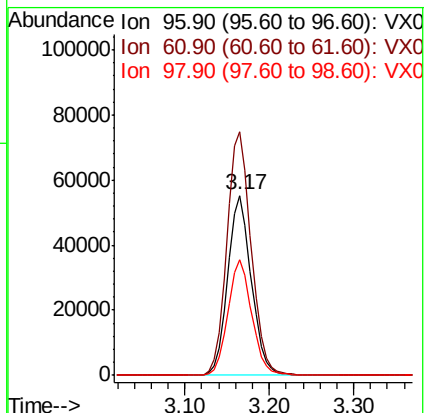
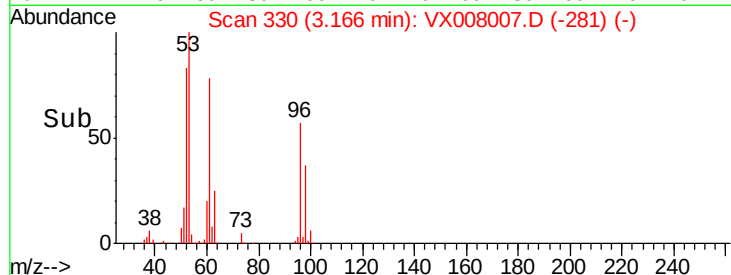
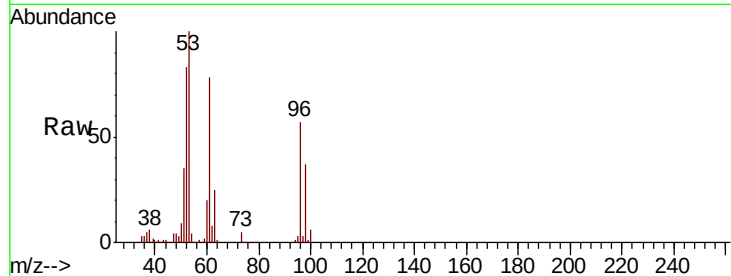
Tgt Ion: 96 Resp: 105133

Ion Ratio Lower Upper

96 100

61 135.2 114.4 171.6

98 64.0 51.1 76.7



#22

Diisopropyl ether

Concen: 48.568 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Tgt Ion: 45 Resp: 365586

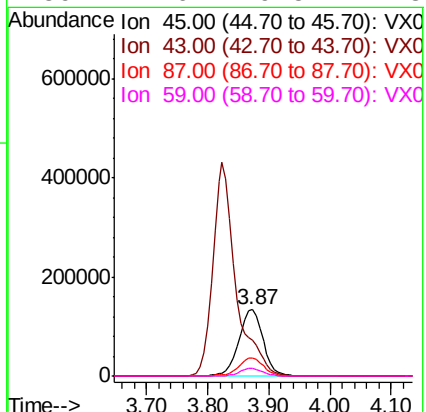
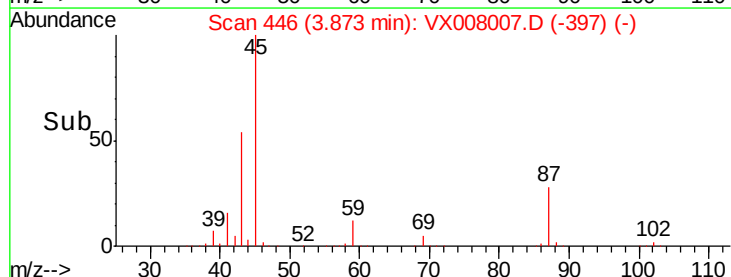
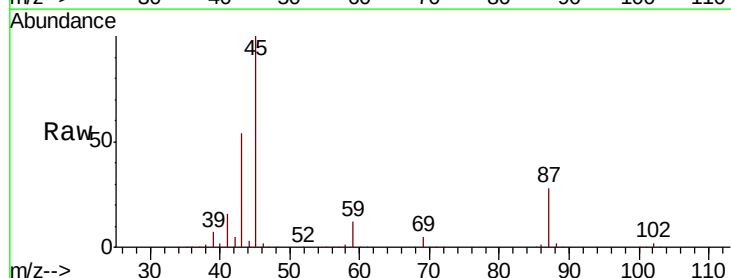
Ion Ratio Lower Upper

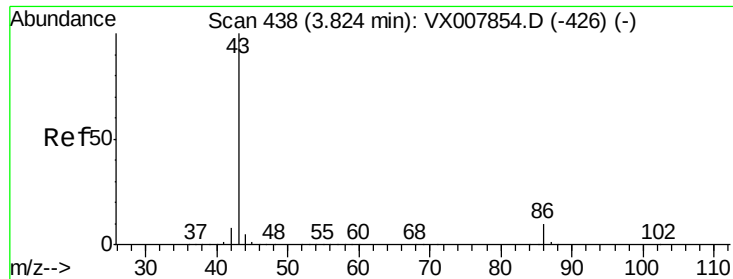
45 100

43 53.5 45.3 67.9

87 27.7 21.4 32.0

59 11.6 9.5 14.3





#23

Vinyl Acetate

Concen: 172.763 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

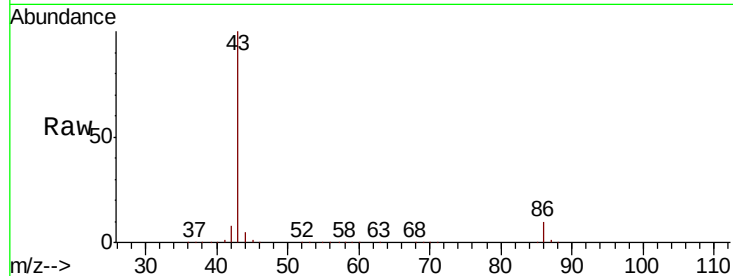
RE123D1-20190306MSD

Tgt Ion: 43 Resp: 1140389

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

500000

400000

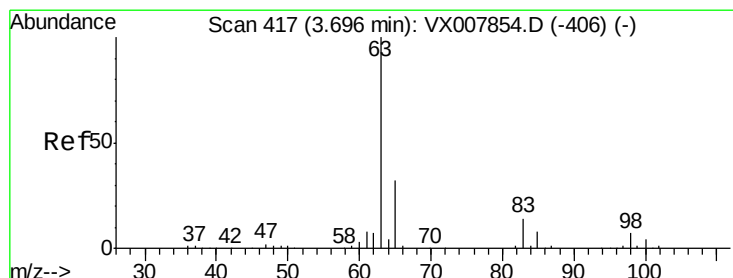
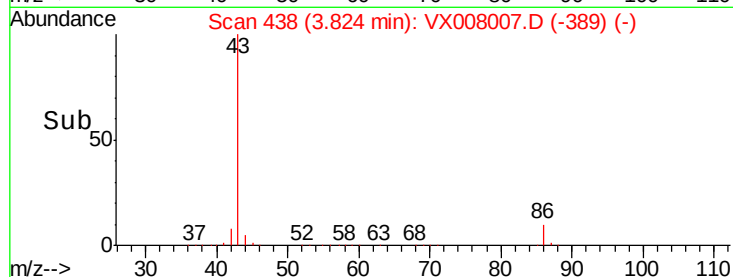
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.939 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

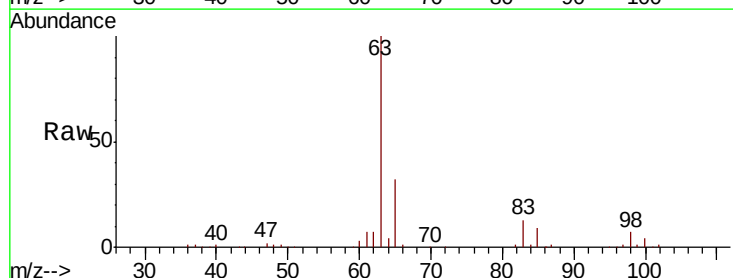
Tgt Ion: 63 Resp: 202292

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.0 2.3 6.8



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

100000

80000

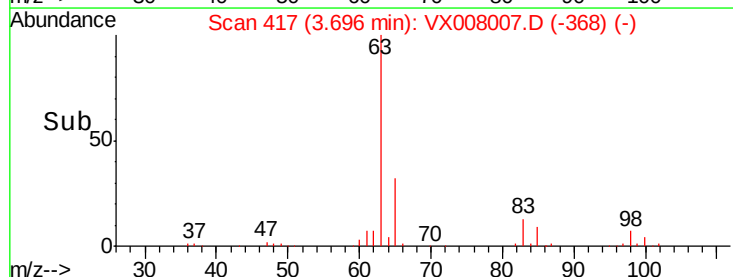
60000

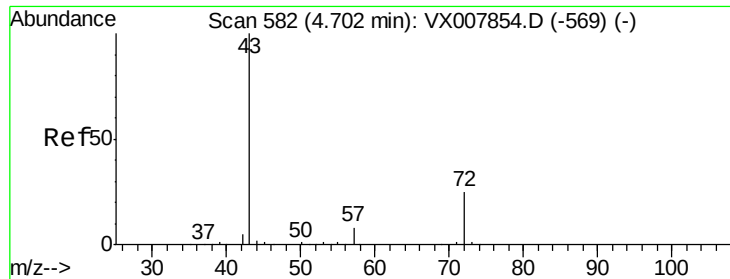
40000

20000

0

Time-->





#25

2-Butanone

Concen: 233.504 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

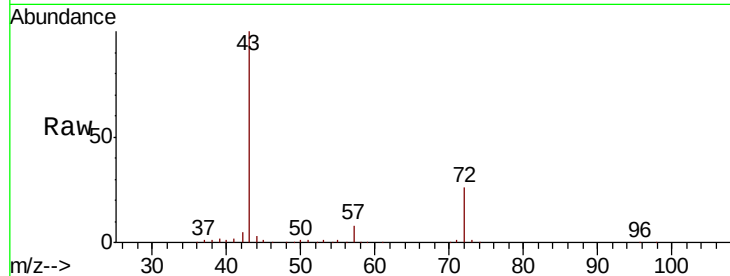
RE123D1-20190306MSD

Tgt Ion: 43 Resp: 463611

Ion Ratio Lower Upper

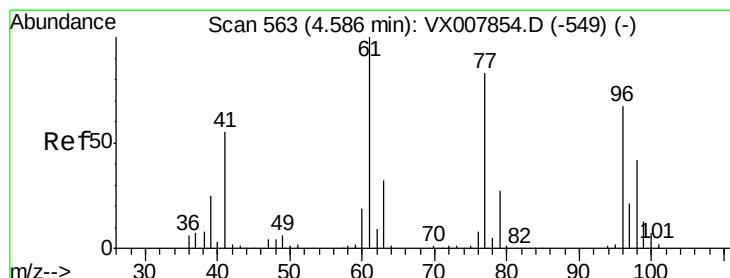
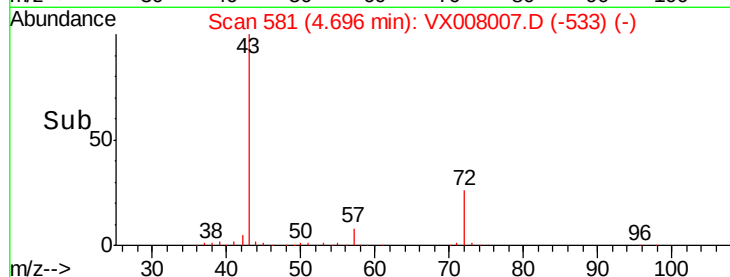
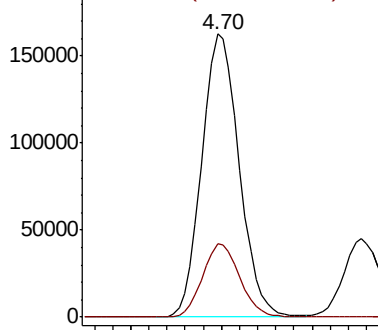
43 100

72 26.0 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 30.617 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008007.D

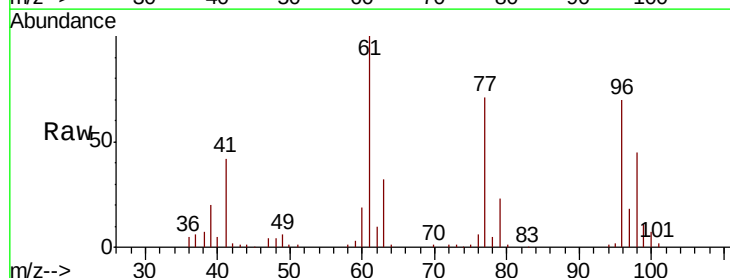
Acq: 12 Mar 2019 10:41

Tgt Ion: 77 Resp: 82167

Ion Ratio Lower Upper

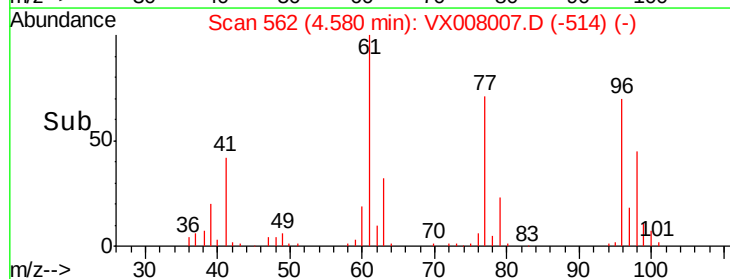
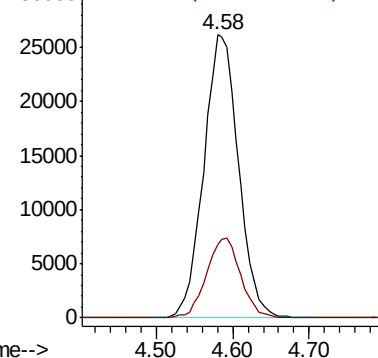
77 100

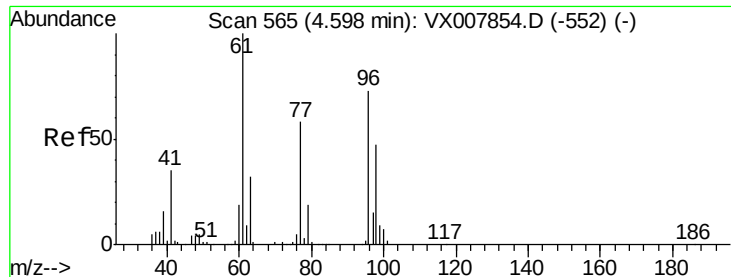
97 27.6 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



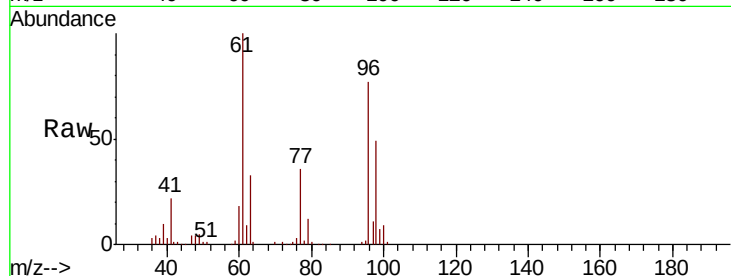


#27

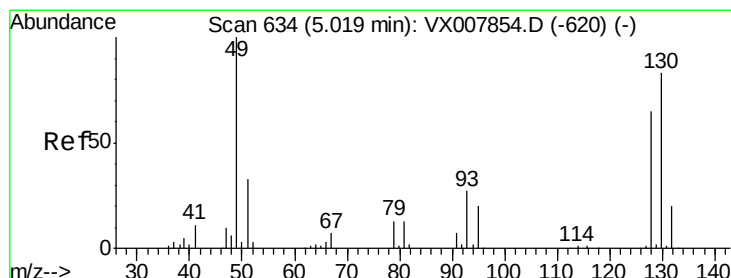
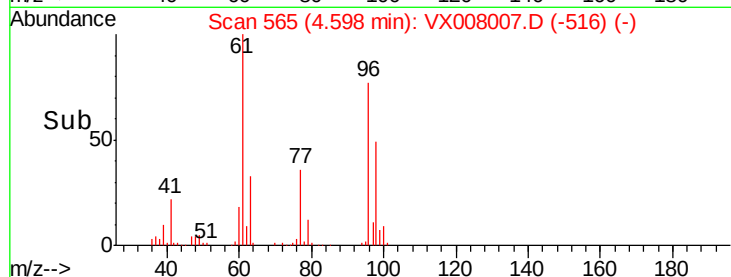
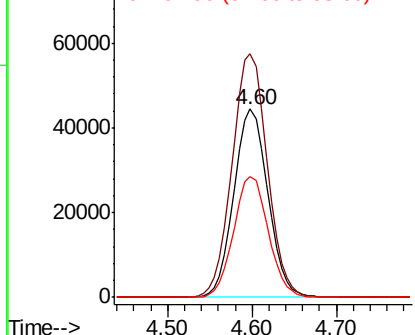
cis-1,2-Dichloroethene
Concen: 49.605 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion: 96 Resp: 122053
Ion Ratio Lower Upper
96 100
61 133.6 0.0 288.0
98 65.0 0.0 129.0



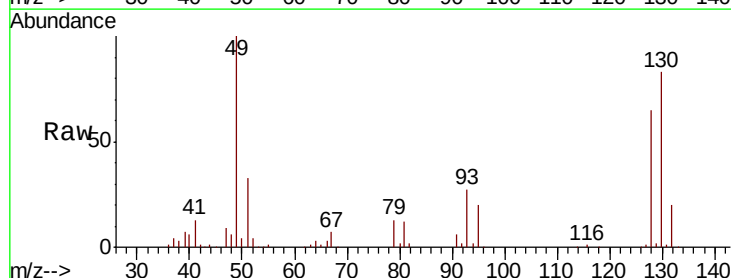
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



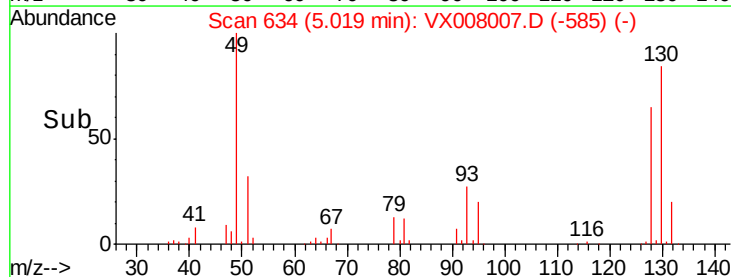
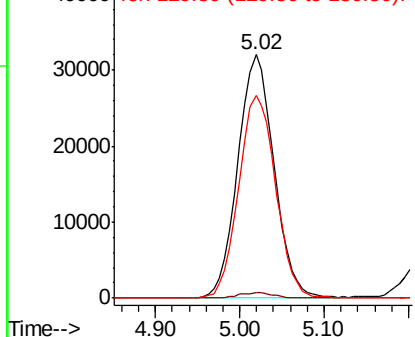
#28

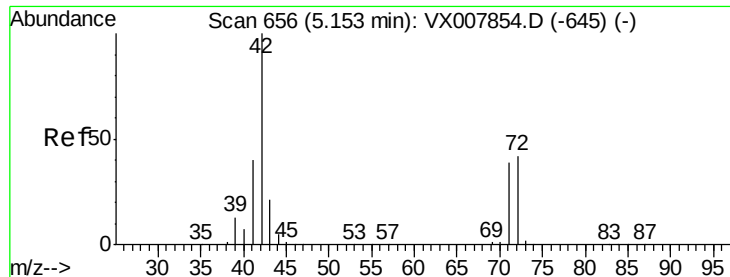
Bromochloromethane
Concen: 49.416 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 49 Resp: 93323
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 84.7 65.0 97.4



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

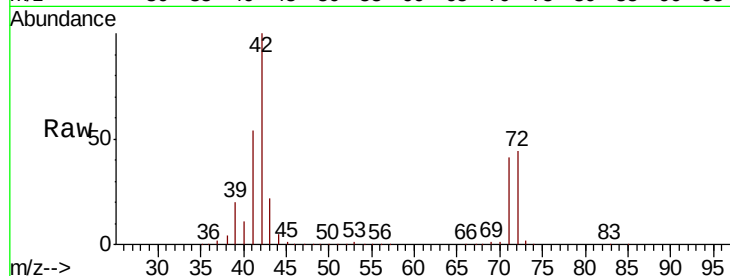




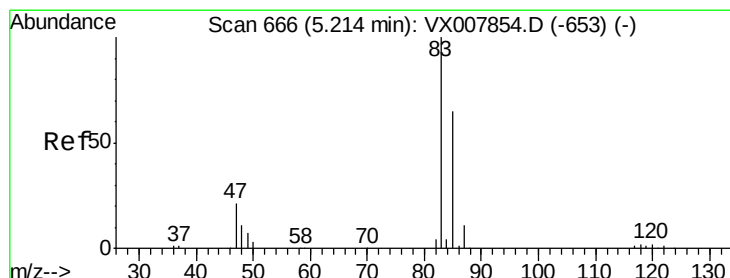
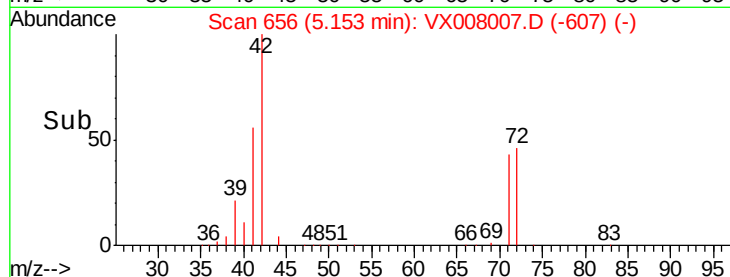
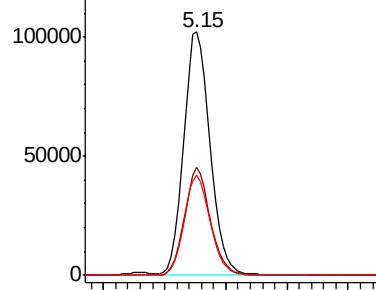
#29
Tetrahydrofuran
Concen: 249.247 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion: 42 Resp: 308681
Ion Ratio Lower Upper
42 100
72 43.2 33.8 50.6
71 40.6 31.5 47.3

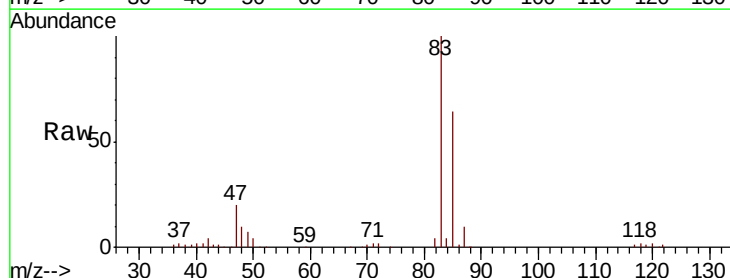


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

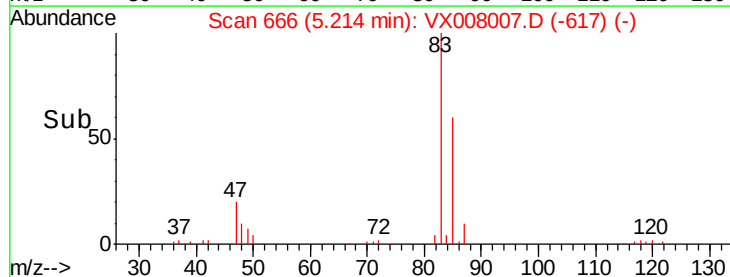
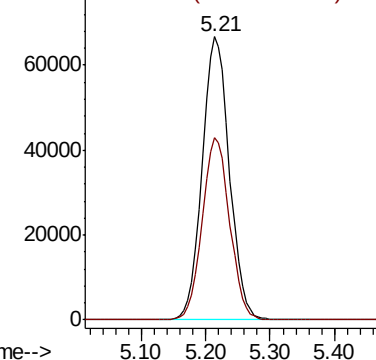


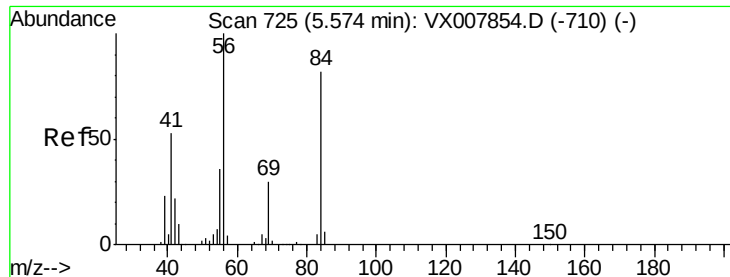
#30
Chloroform
Concen: 51.257 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 83 Resp: 196406
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

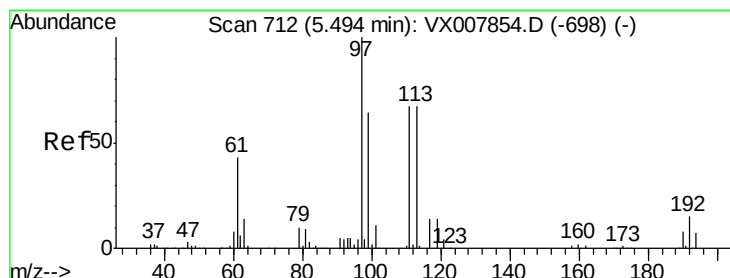
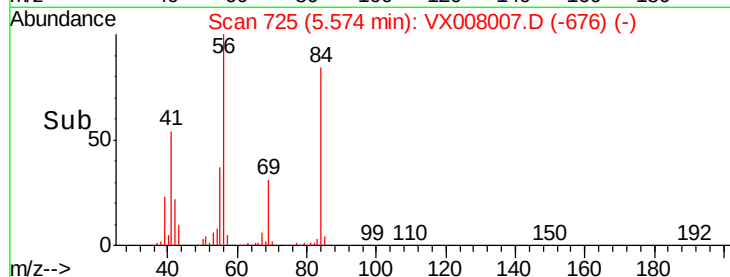
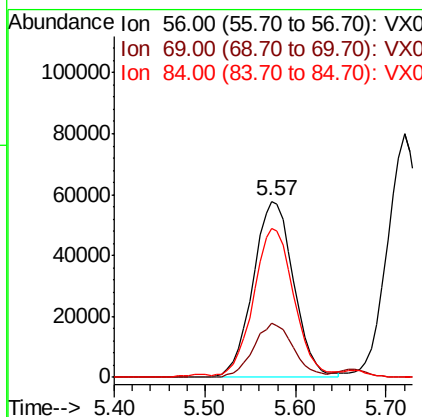
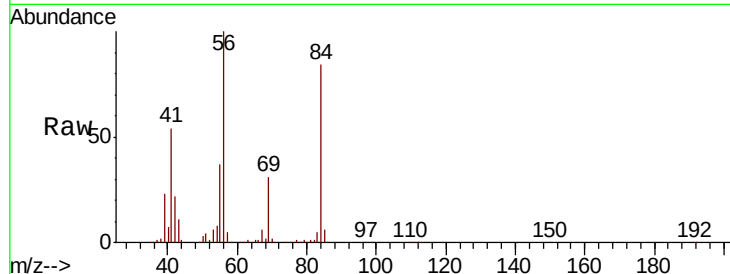




#31
Cyclohexane
Concen: 48.029 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

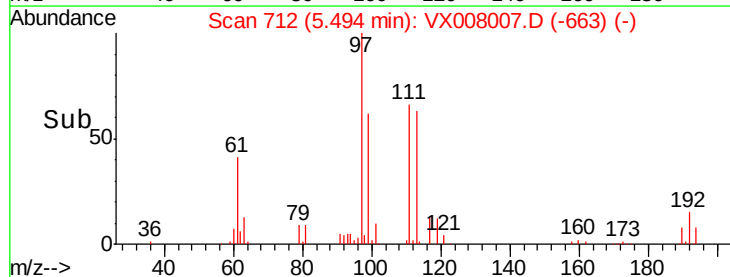
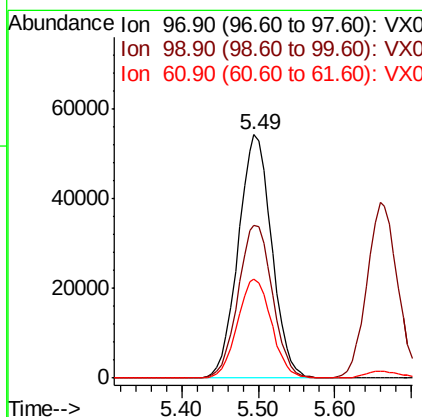
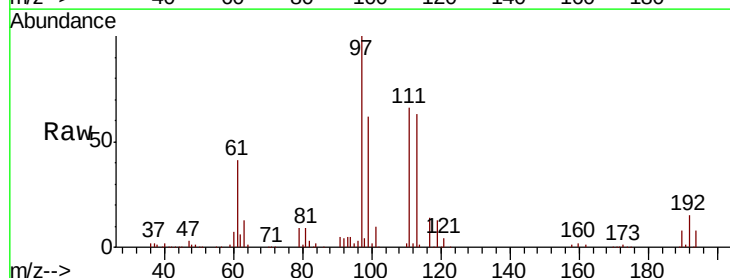
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

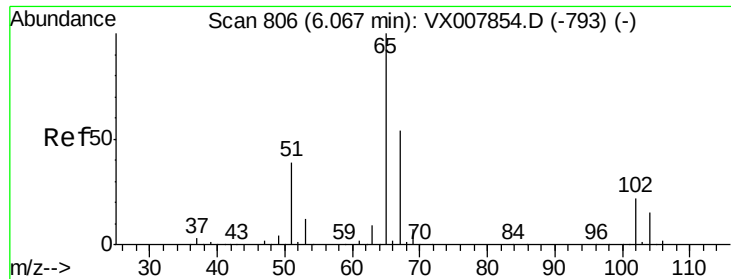
Tgt Ion: 56 Resp: 178810
Ion Ratio Lower Upper
56 100
69 30.9 24.0 36.0
84 83.0 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 51.720 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 97 Resp: 164433
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 41.6 34.9 52.3

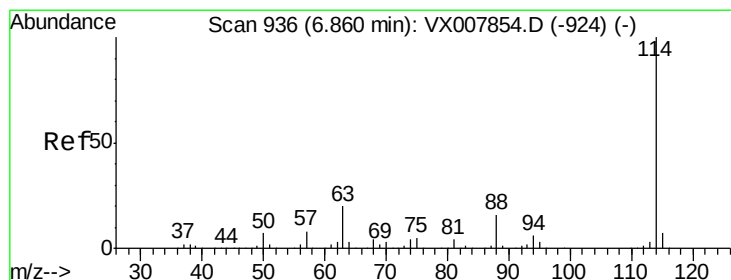
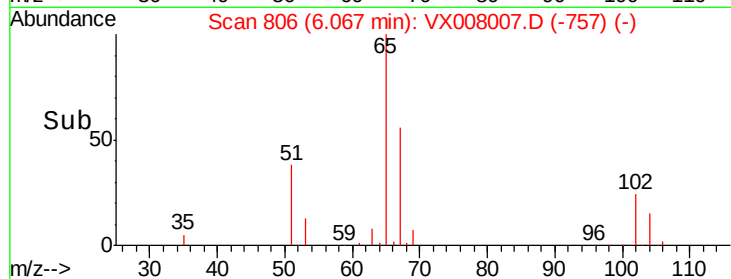
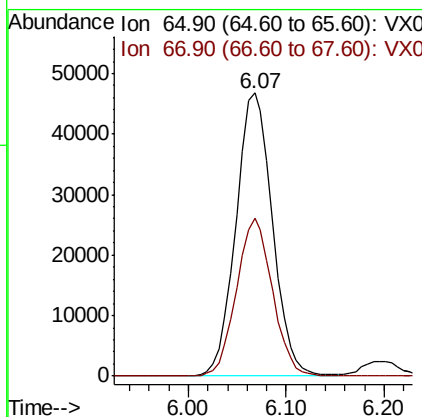
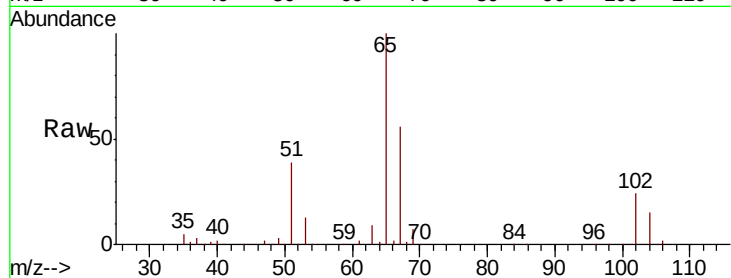




#33
 1,2-Dichloroethane-d4
 Concen: 50.021 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

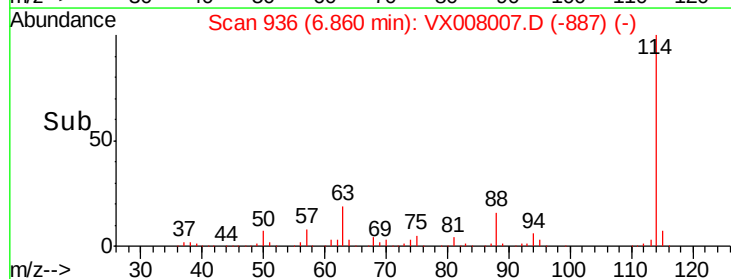
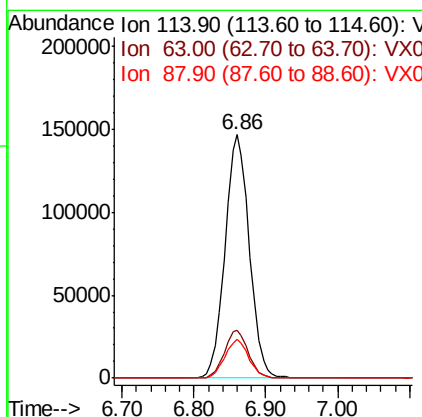
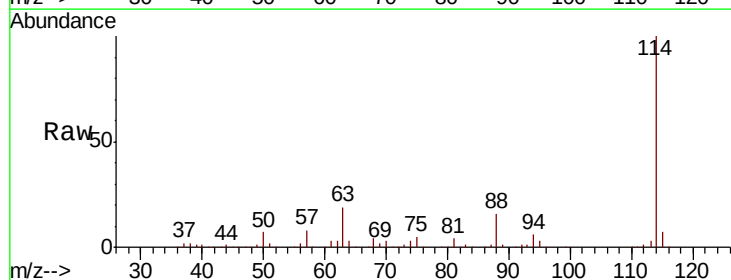
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

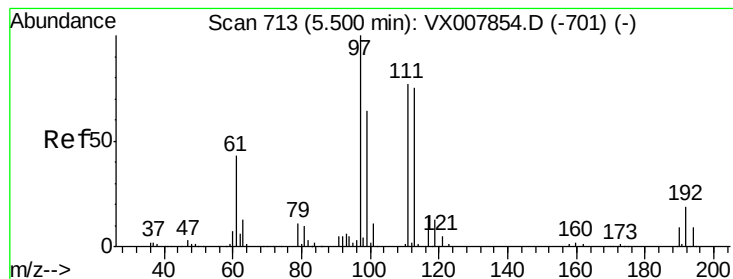
Tgt Ion: 65 Resp: 121198
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion: 114 Resp: 344000
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.178 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

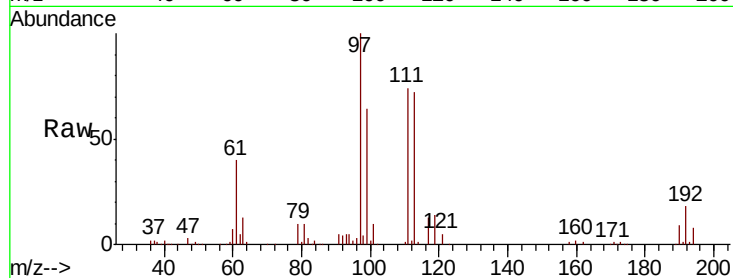
Tgt Ion:113 Resp: 108214

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

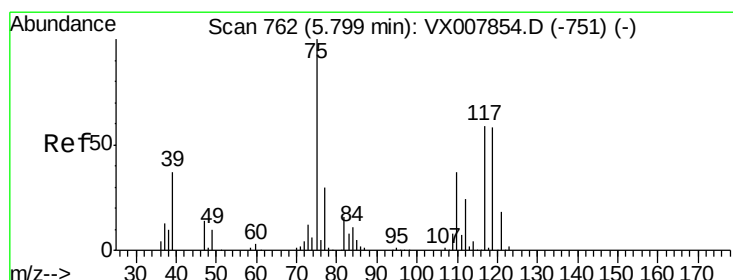
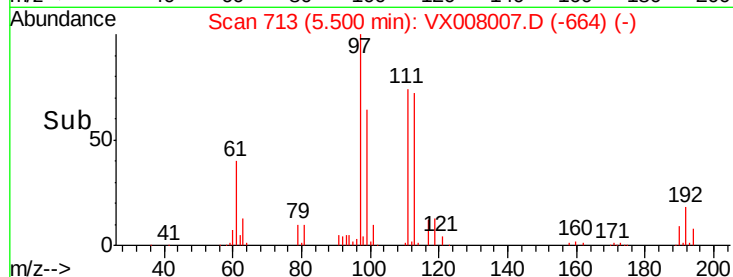
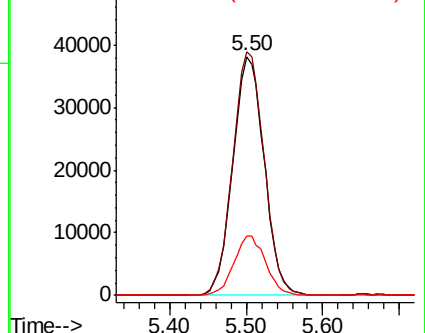
192 25.0 19.4 29.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 46.626 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

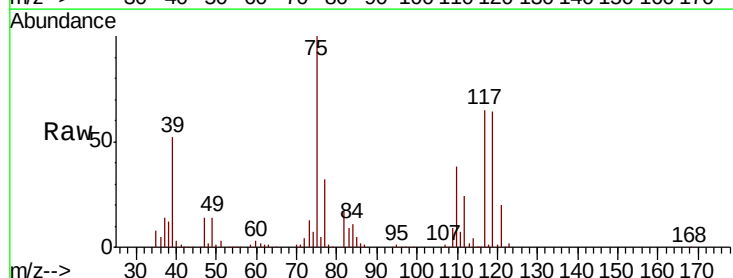
Tgt Ion: 75 Resp: 145234

Ion Ratio Lower Upper

75 100

110 37.9 18.4 55.0

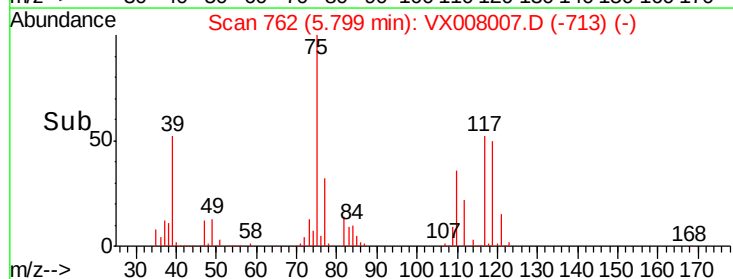
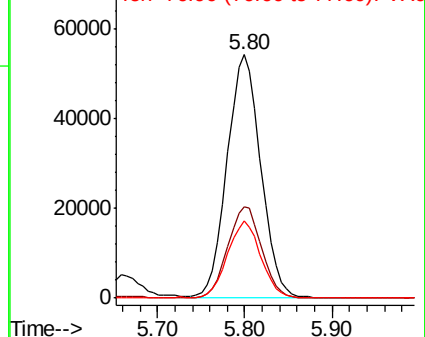
77 31.5 25.0 37.4

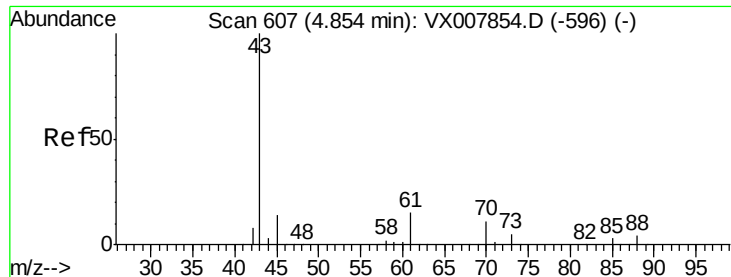


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 35.201 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

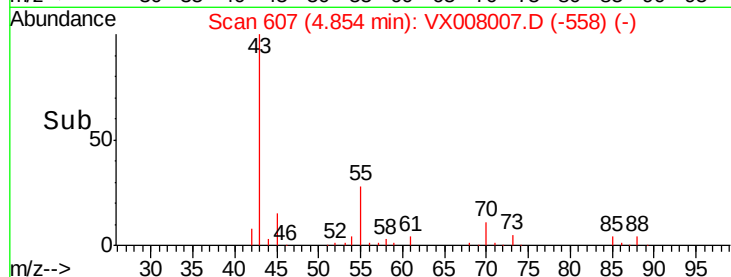
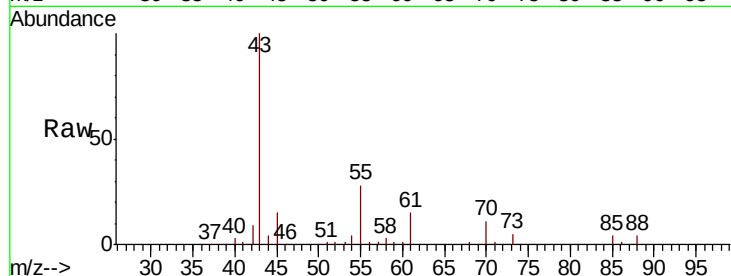
Tgt Ion: 43 Resp: 130116

Ion Ratio Lower Upper

43 100

61 14.5 11.3 16.9

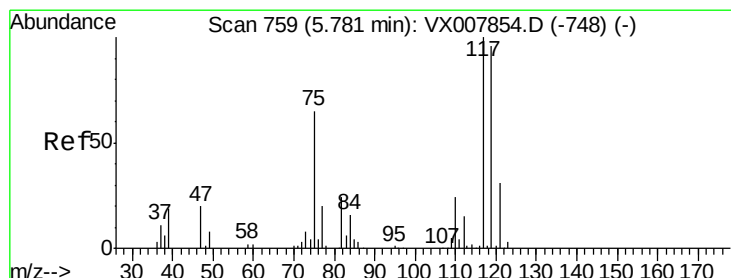
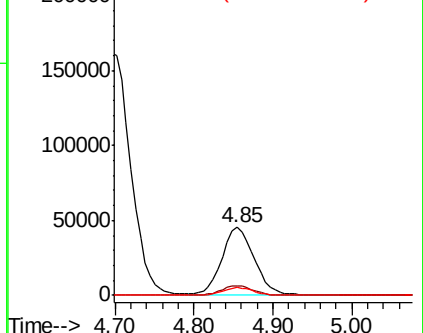
70 10.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 48.899 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

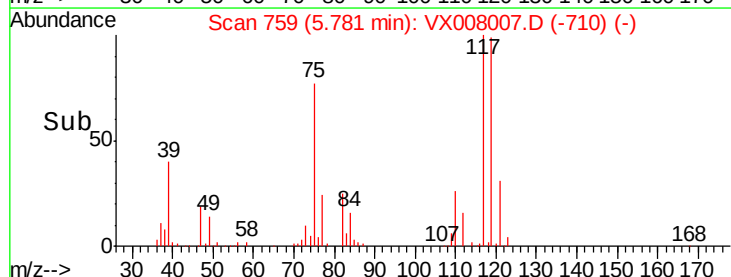
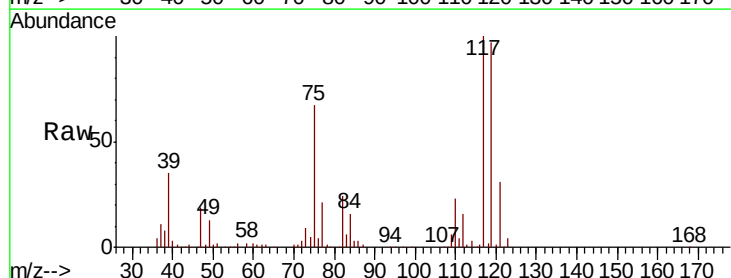
Tgt Ion: 117 Resp: 144600

Ion Ratio Lower Upper

117 100

119 97.3 76.2 114.2

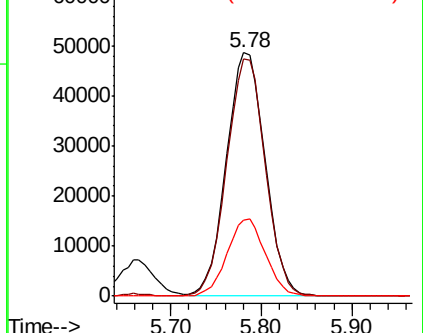
121 31.0 24.6 36.8

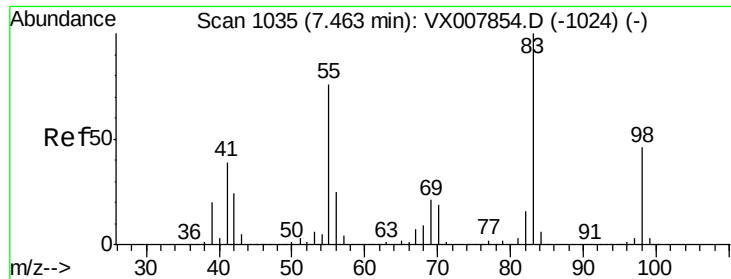


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

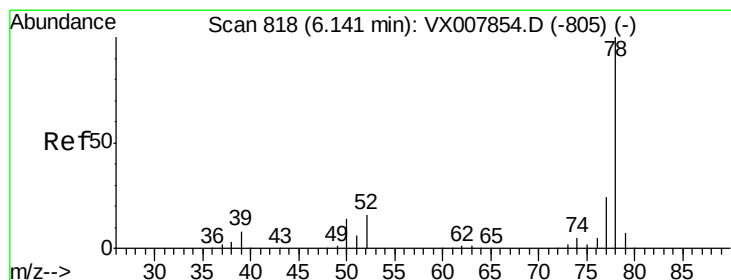
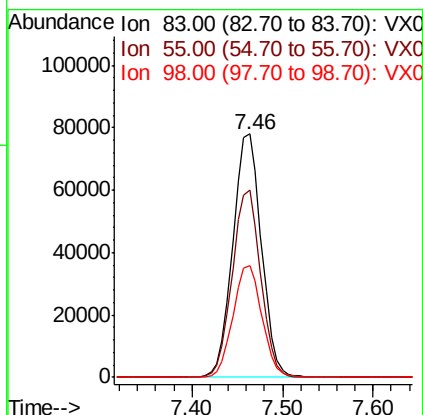
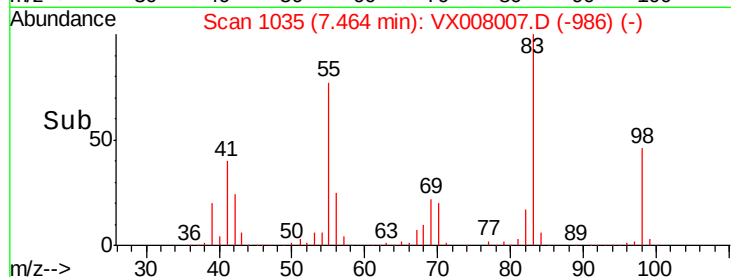
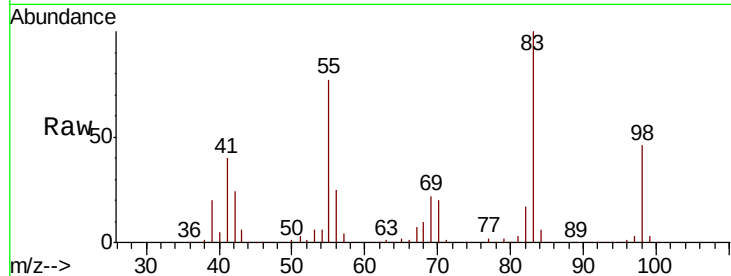




#39
Methylcyclohexane
Concen: 45.323 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

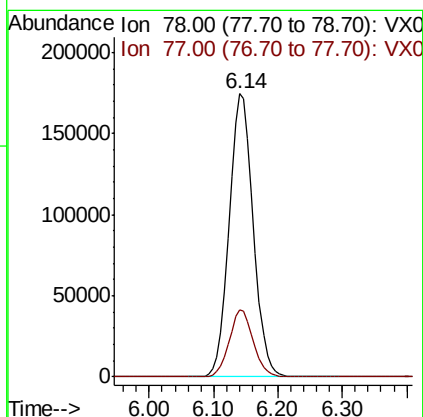
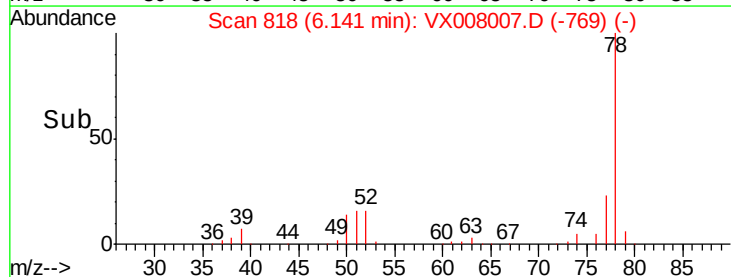
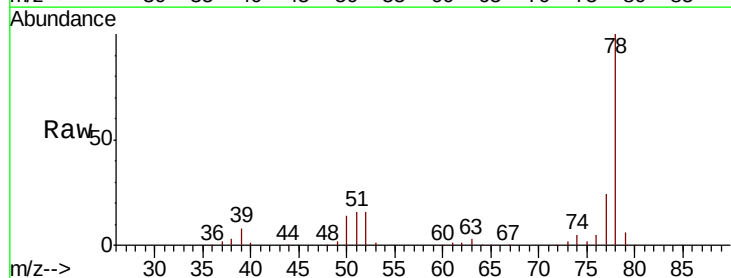
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

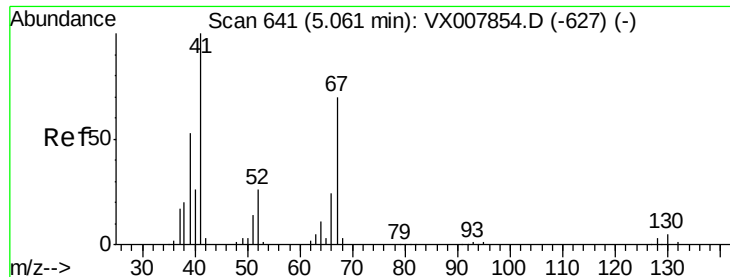
Tgt Ion: 83 Resp: 171065
Ion Ratio Lower Upper
83 100
55 76.9 60.4 90.6
98 46.1 36.5 54.7



#40
Benzene
Concen: 49.319 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 78 Resp: 457341
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

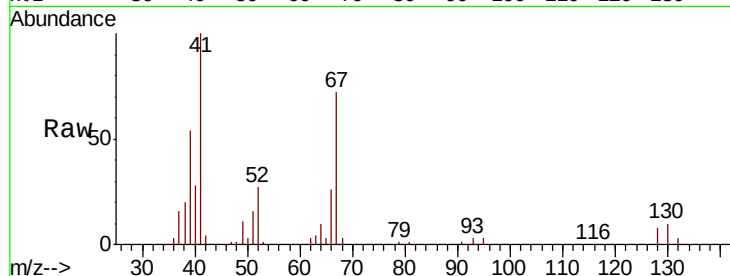




#41
Methacrylonitrile
Concen: 48.592 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion:	41	Resp:	97925
Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.6	62.4
67	71.2	55.8	83.6
52	27.8	21.7	32.5



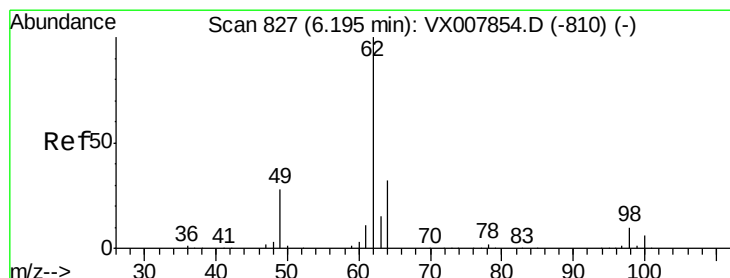
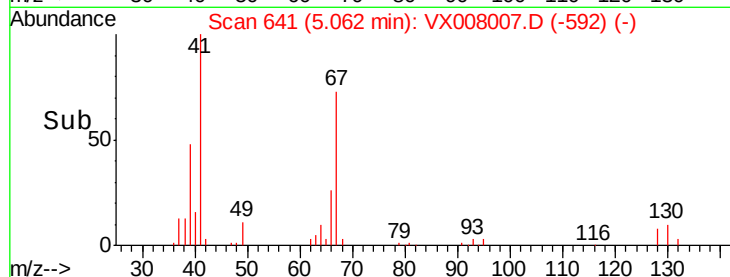
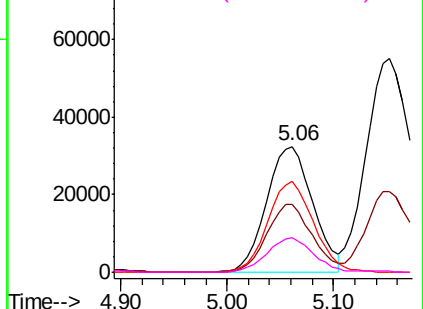
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

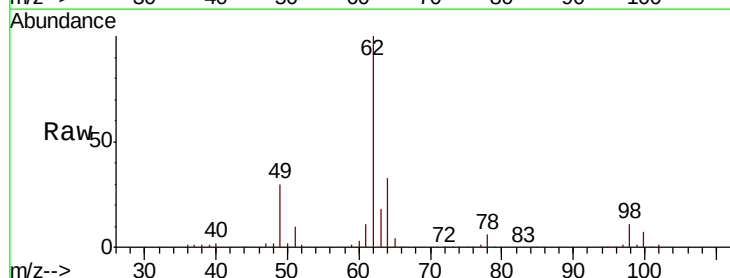
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 48.548 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

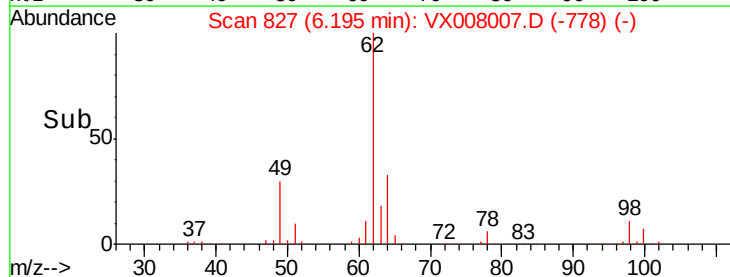
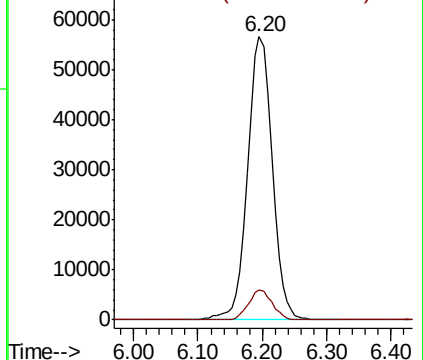
Tgt Ion:	62	Resp:	147226
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4

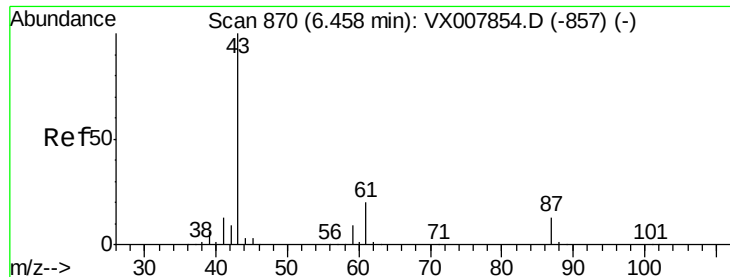


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 41.116 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

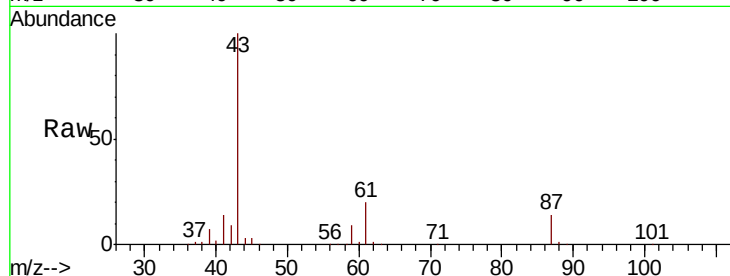
Tgt Ion: 43 Resp: 224924

Ion Ratio Lower Upper

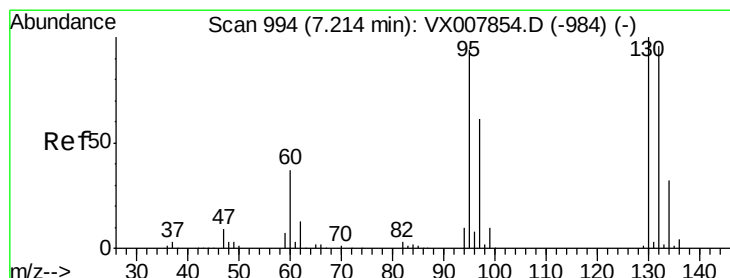
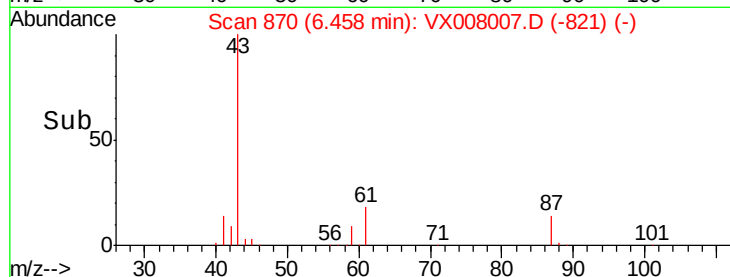
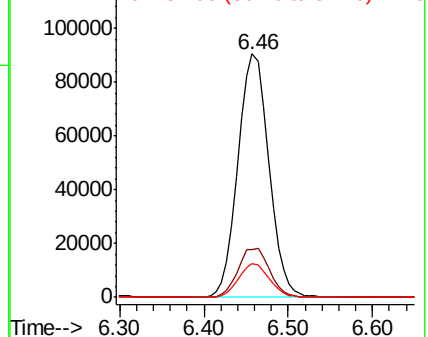
43 100

61 20.7 16.3 24.5

87 13.7 10.5 15.7



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



#44

Trichloroethene

Concen: 59.120 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008007.D

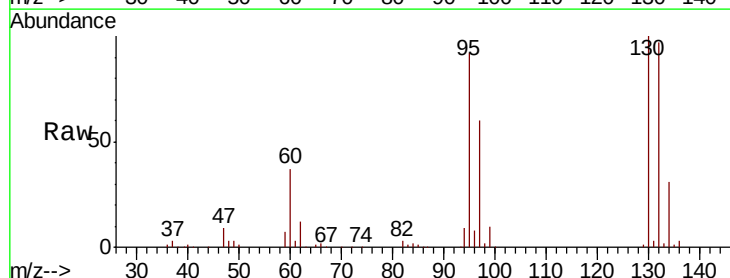
Acq: 12 Mar 2019 10:41

Tgt Ion:130 Resp: 151080

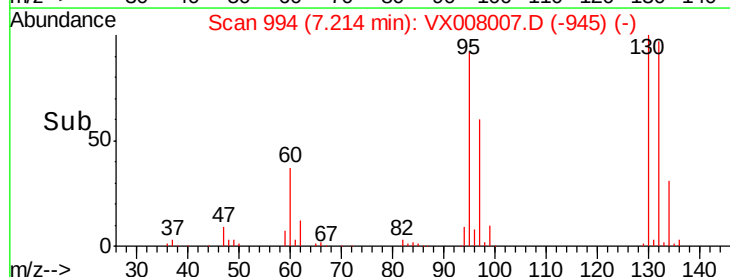
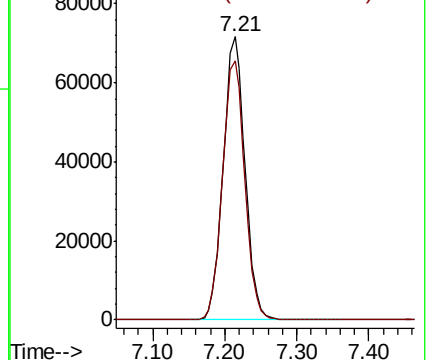
Ion Ratio Lower Upper

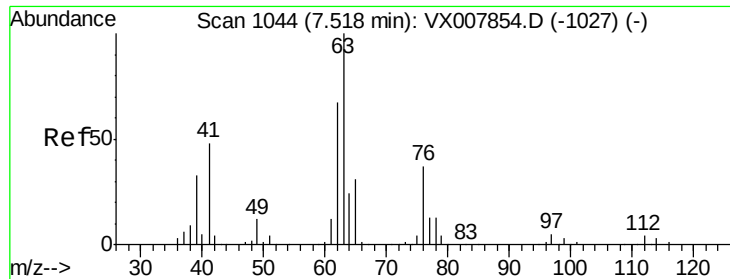
130 100

95 91.7 0.0 188.0



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

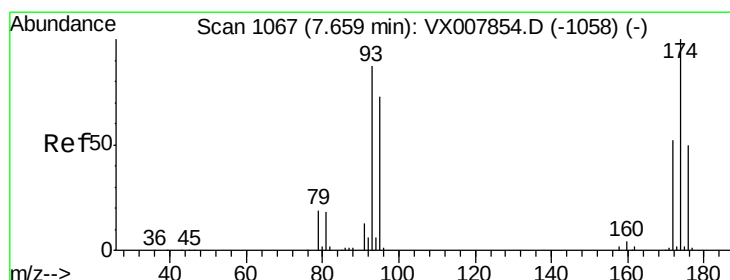
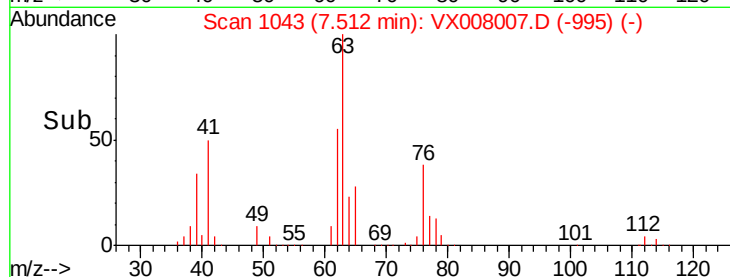
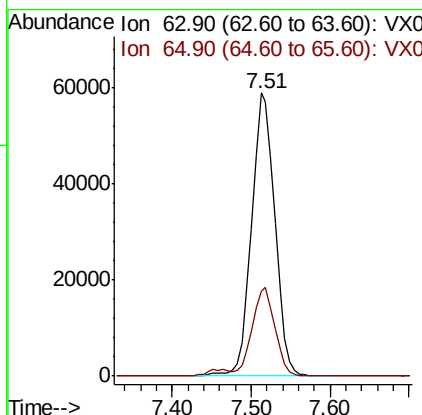
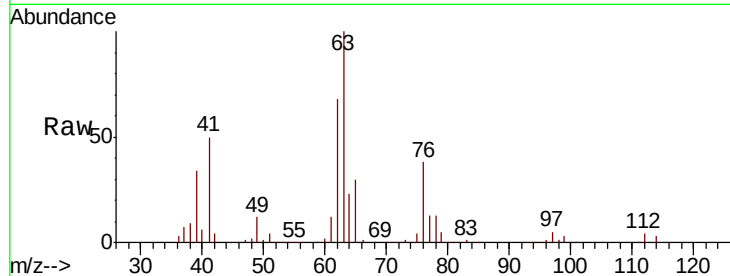




#45
 1,2-Dichloropropane
 Concen: 49.376 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

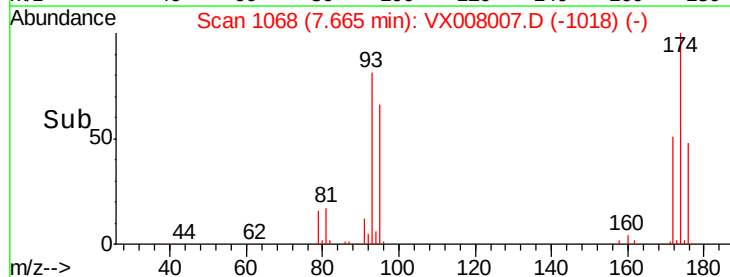
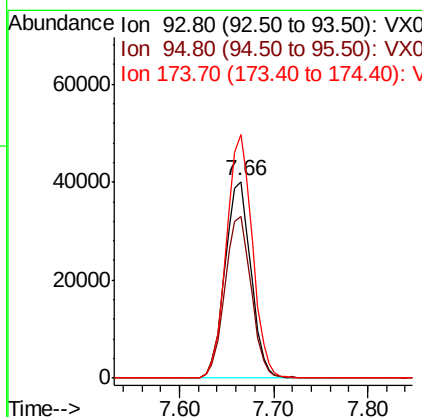
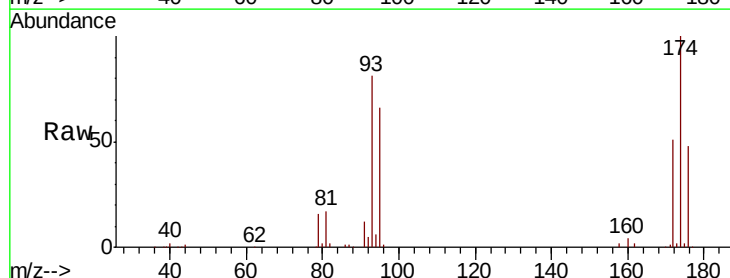
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

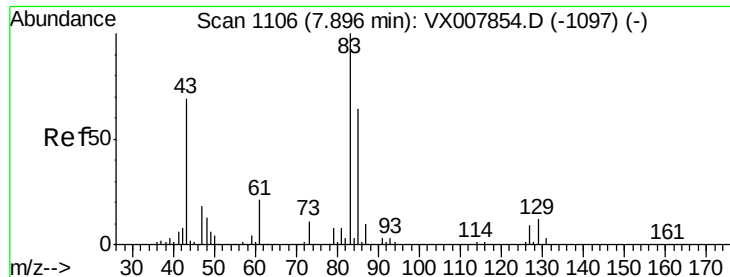
Tgt Ion: 63 Resp: 120932
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1



#46
 Dibromomethane
 Concen: 49.705 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion: 93 Resp: 77042
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.8 100.2
 174 123.8 97.3 145.9





#47

Bromodichloromethane

Concen: 49.719 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

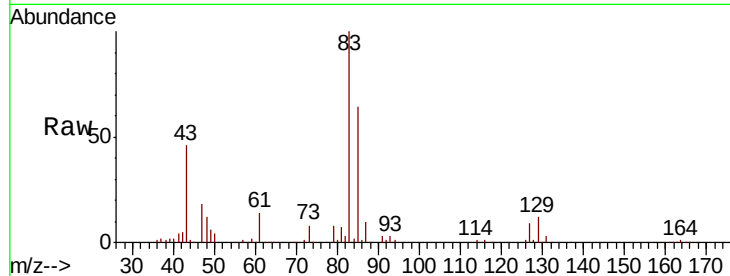
Tgt Ion: 83 Resp: 146109

Ion Ratio Lower Upper

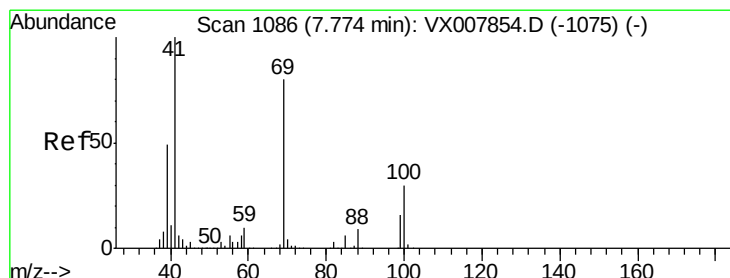
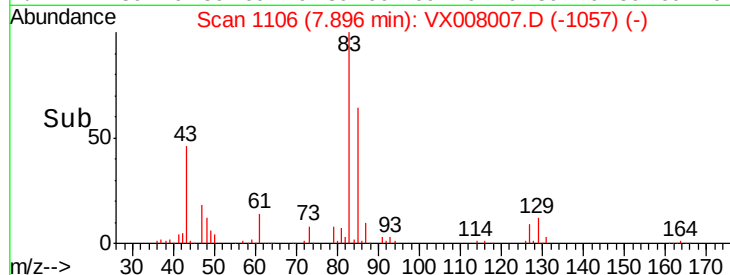
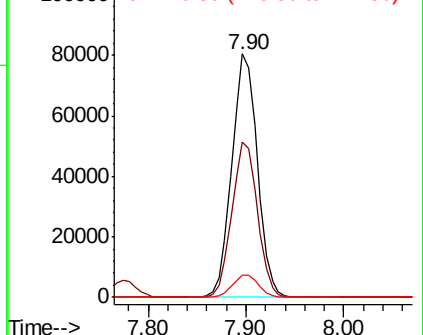
83 100

85 63.9 50.9 76.3

127 8.9 7.4 11.0



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: 48.656 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

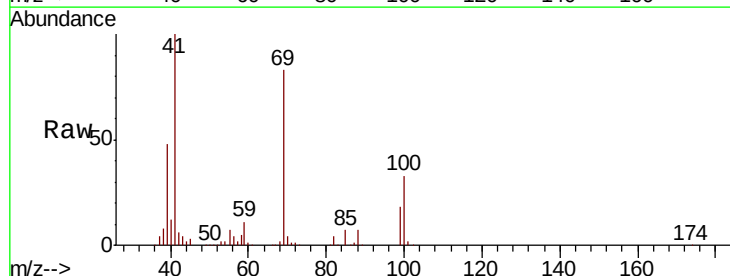
Tgt Ion: 41 Resp: 139944

Ion Ratio Lower Upper

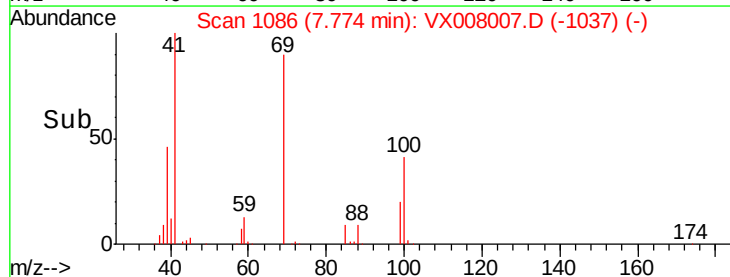
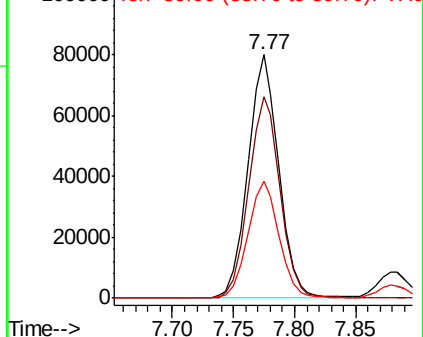
41 100

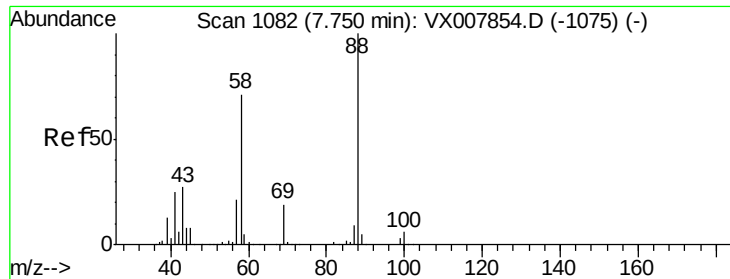
69 84.8 65.2 97.8

39 49.0 39.4 59.2



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

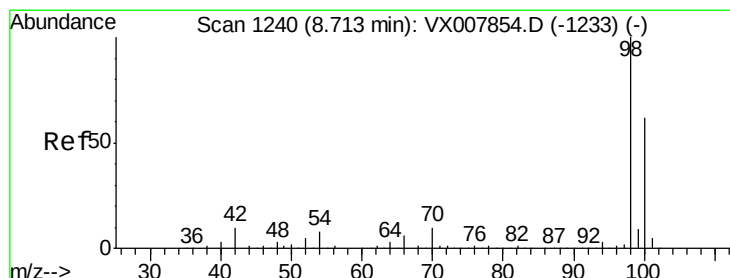
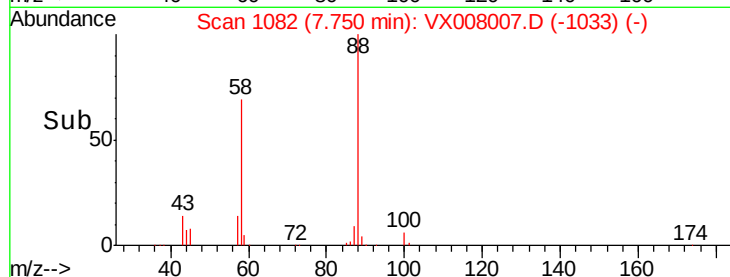
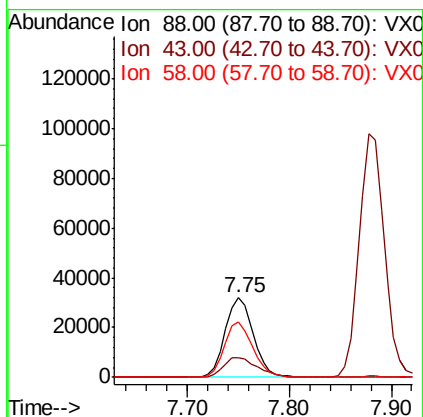
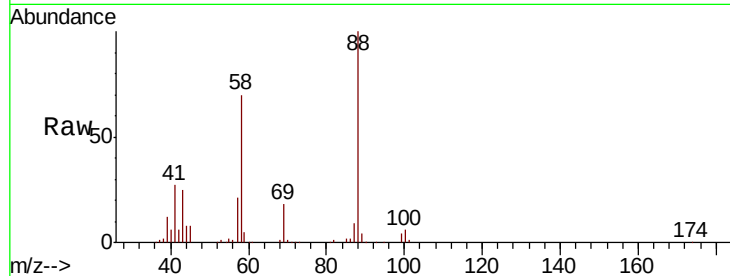




#49
1,4-Dioxane
Concen: 1041.013 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

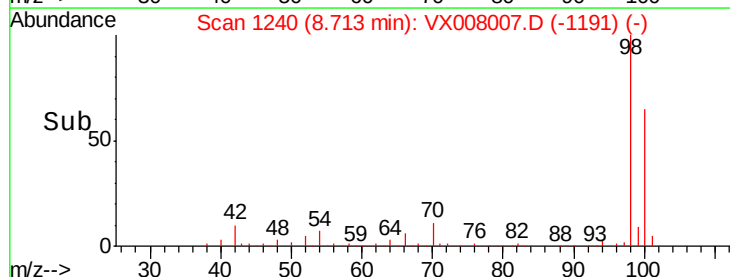
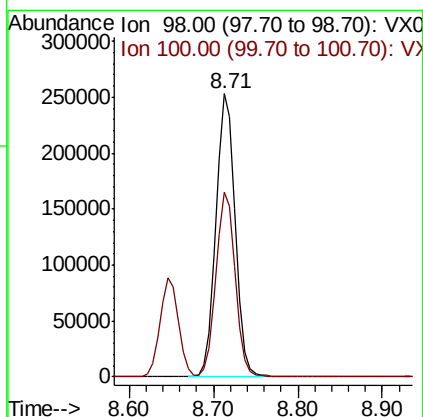
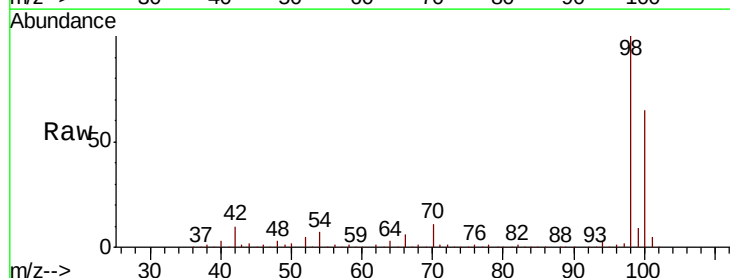
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

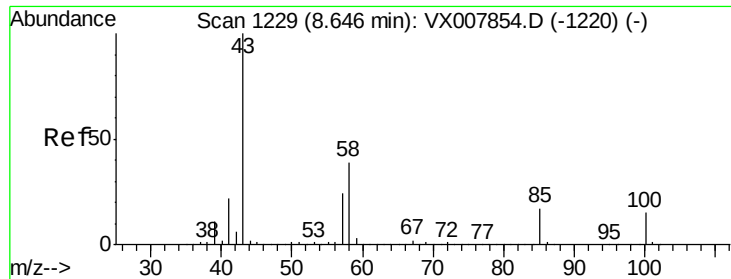
Tgt Ion: 88 Resp: 61506
Ion Ratio Lower Upper
88 100
43 30.5 25.1 37.7
58 70.9 57.8 86.6



#50
Toluene-d8
Concen: 49.691 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 98 Resp: 401565
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 246.366 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

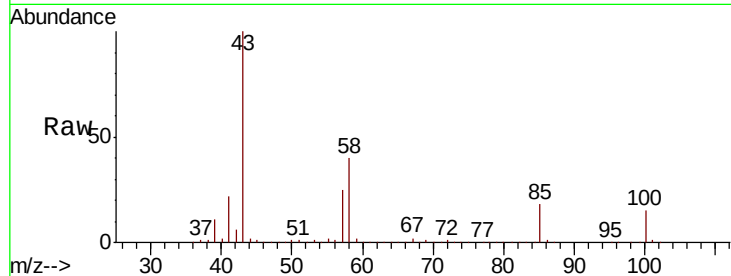
RE123D1-20190306MSD

Tgt Ion: 43 Resp: 866739

Ion Ratio Lower Upper

43 100

58 40.0 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

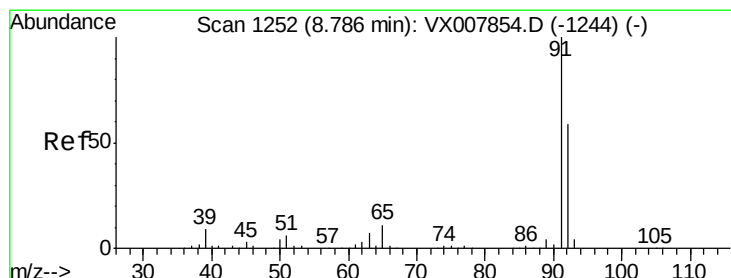
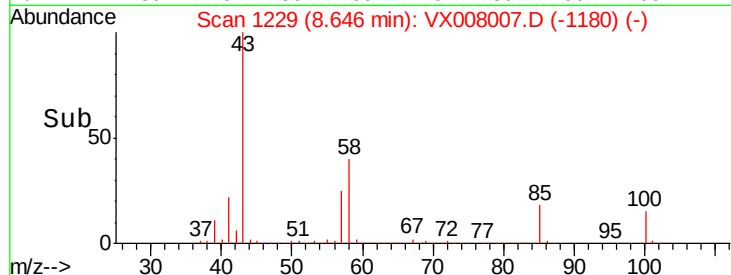
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.352 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX008007.D

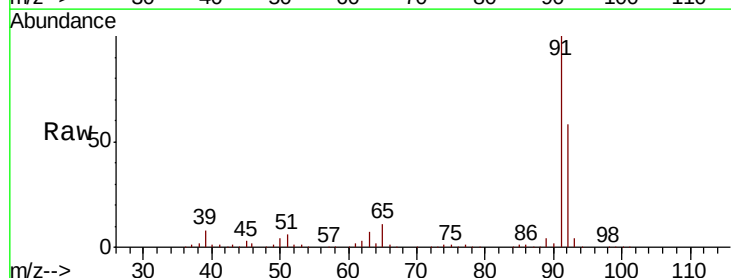
Acq: 12 Mar 2019 10:41

Tgt Ion: 92 Resp: 279402

Ion Ratio Lower Upper

92 100

91 172.6 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

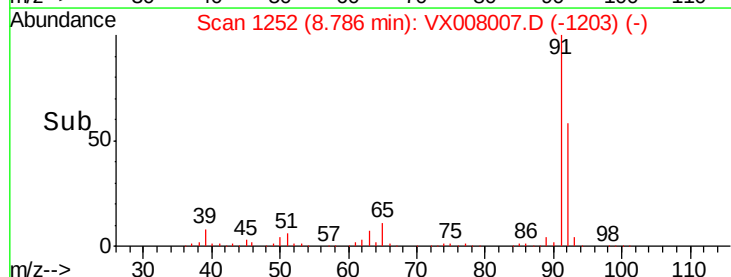
300000

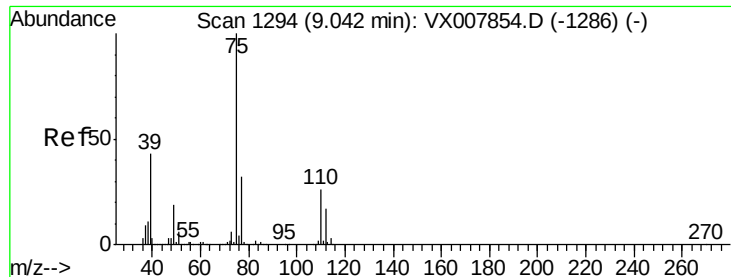
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.287 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

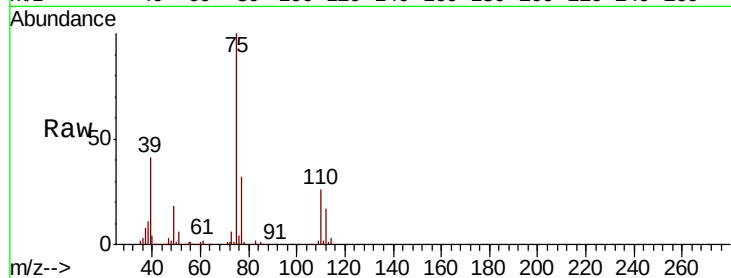
RE123D1-20190306MSD

Tgt Ion: 75 Resp: 148108

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

120000

100000

80000

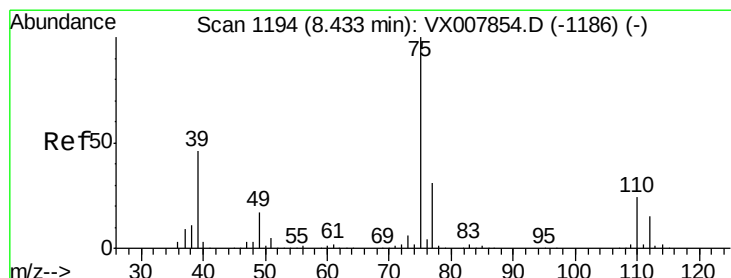
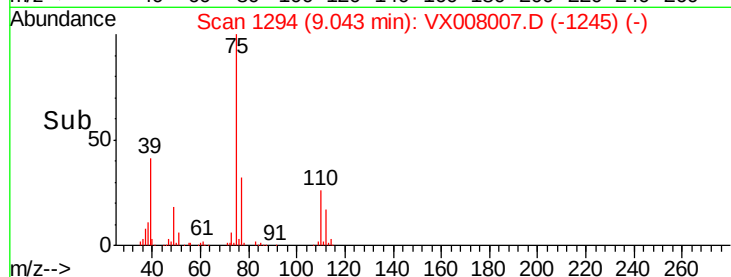
60000

40000

20000

0

Time--> 8.95 9.00 9.05 9.10 9.15



#54

cis-1,3-Dichloropropene

Concen: 47.801 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

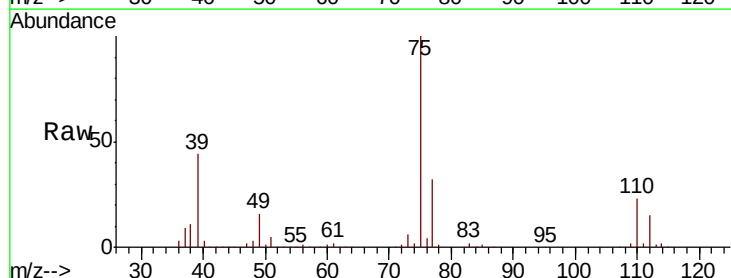
Tgt Ion: 75 Resp: 165568

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

39 44.4 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

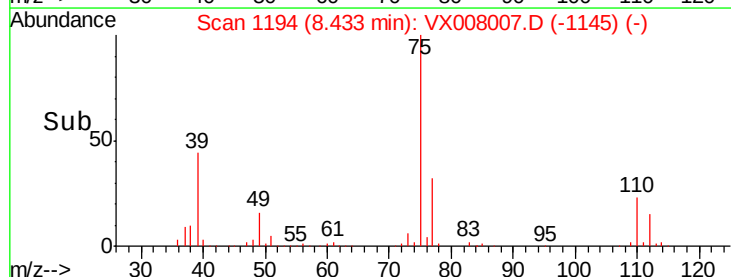
8.43

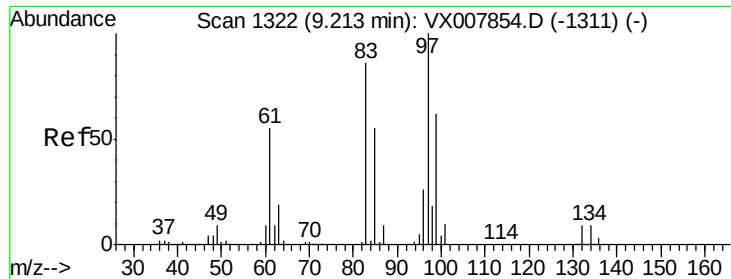
100000

50000

0

Time--> 8.40 8.50

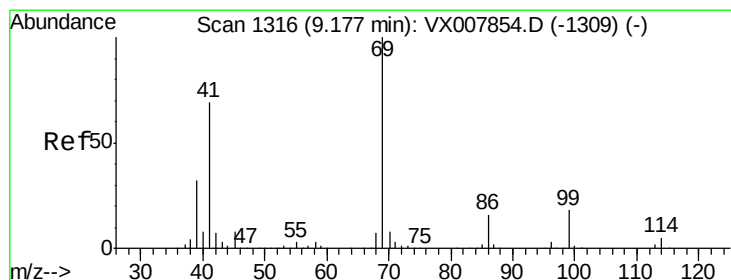
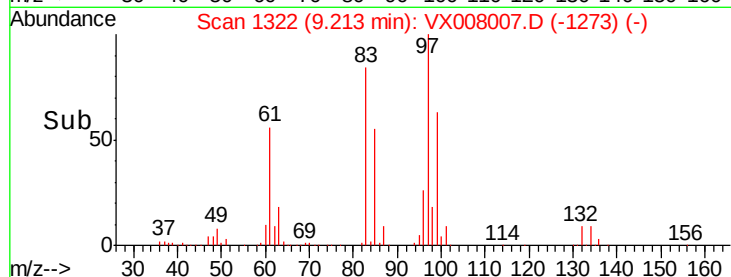
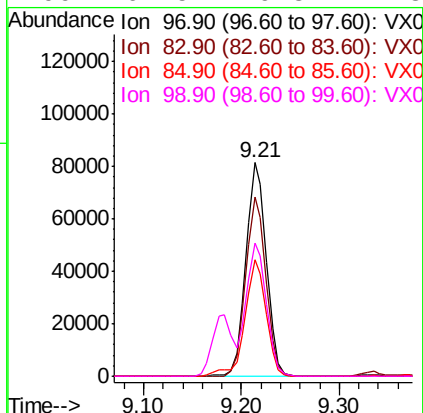
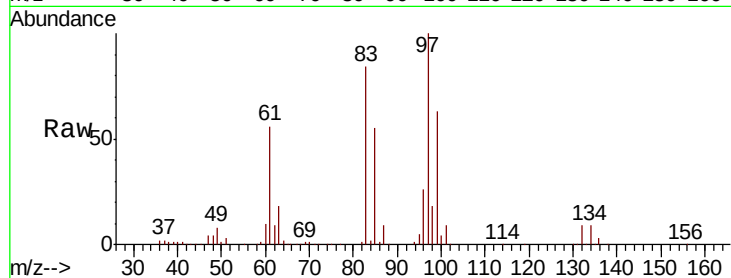




#55
 1,1,2-Trichloroethane
 Concen: 51.535 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

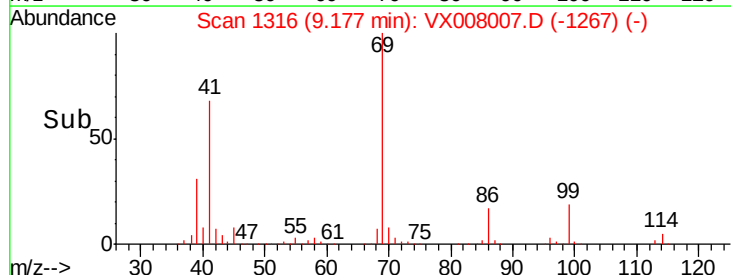
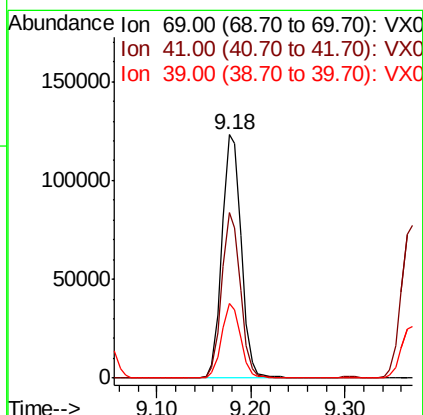
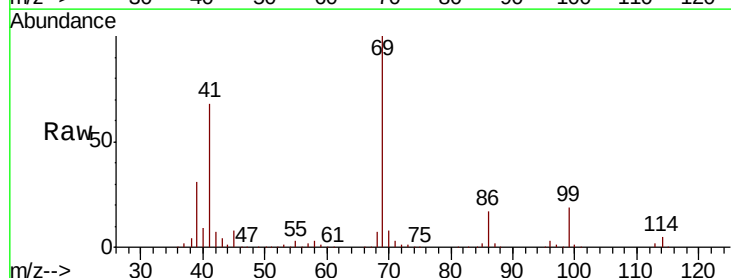
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

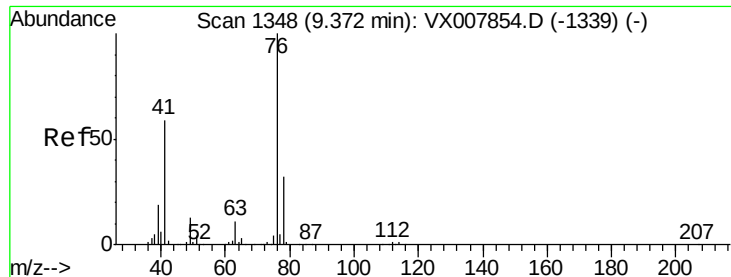
Tgt Ion:	97	Resp:	118109
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.1	103.7
85	54.8	44.3	66.5
99	62.5	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 50.843 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion:	69	Resp:	174954
Ion	Ratio	Lower	Upper
69	100		
41	65.8	54.2	81.4
39	30.0	25.0	37.4

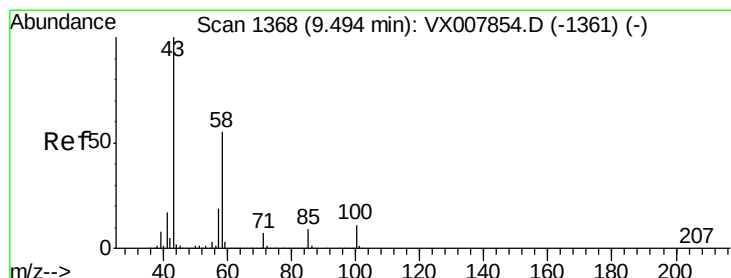
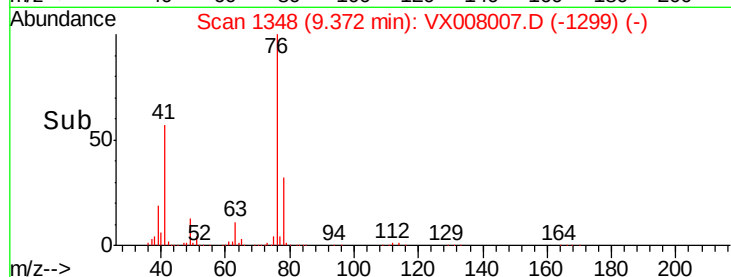
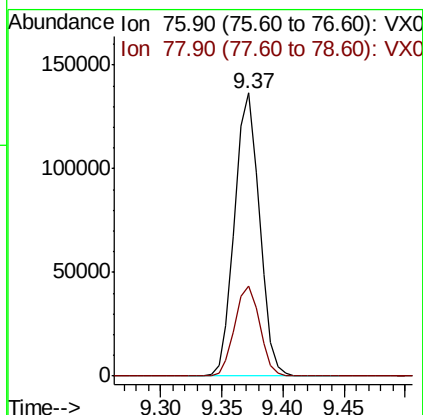
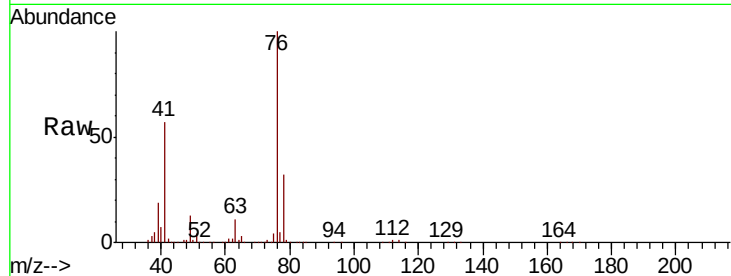




#57
 1,3-Dichloropropane
 Concen: 50.064 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

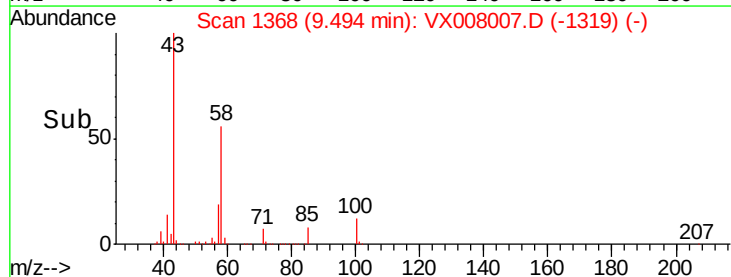
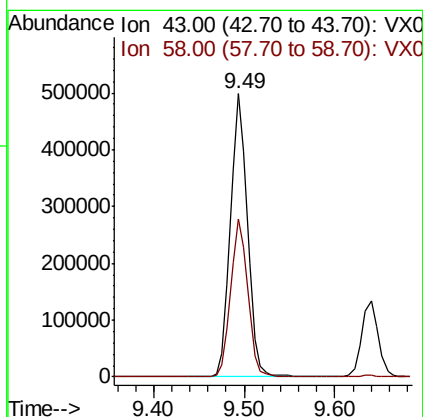
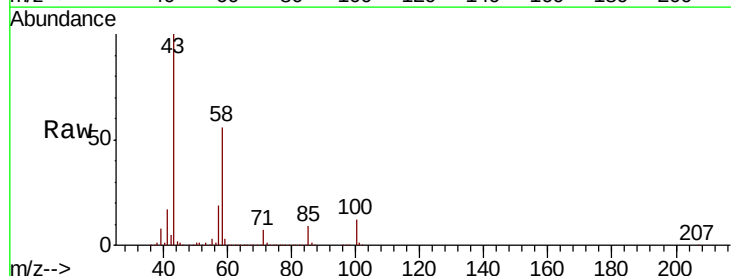
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

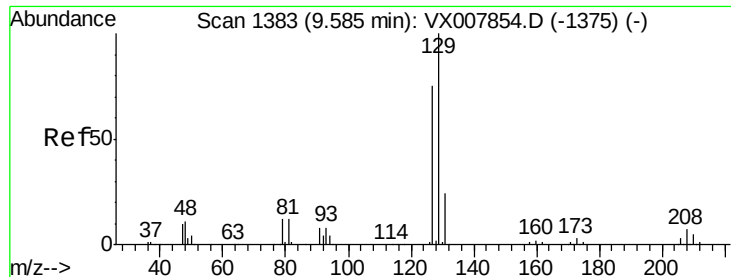
Tgt Ion: 76 Resp: 192650
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#59
 2-Hexanone
 Concen: 238.567 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion: 43 Resp: 651616
 Ion Ratio Lower Upper
 43 100
 58 56.1 27.6 82.7





#60

Dibromochloromethane

Concen: 51.354 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

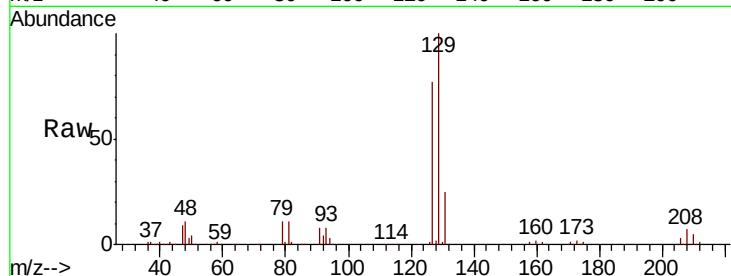
RE123D1-20190306MSD

Tgt Ion:129 Resp: 123018

Ion Ratio Lower Upper

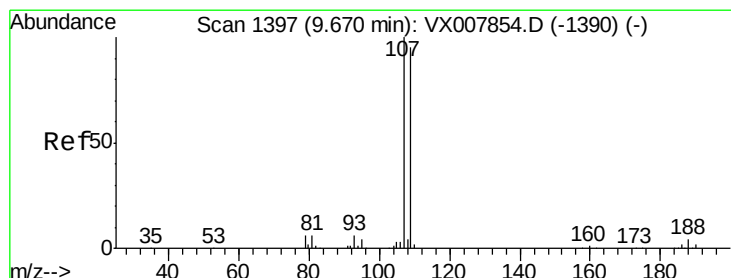
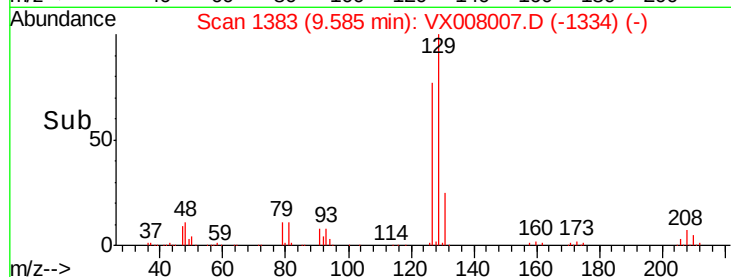
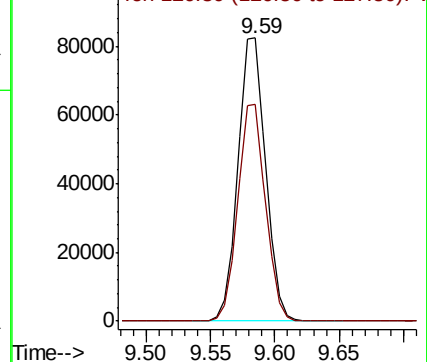
129 100

127 76.5 38.3 114.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.434 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008007.D

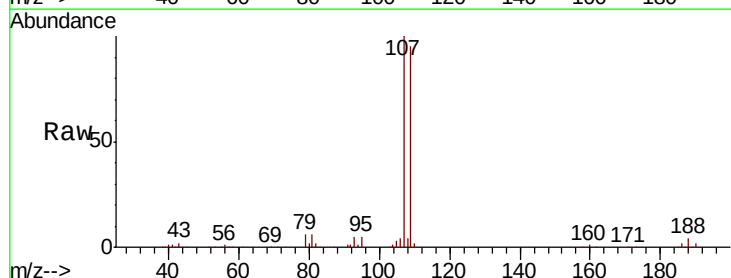
Acq: 12 Mar 2019 10:41

Tgt Ion:107 Resp: 122719

Ion Ratio Lower Upper

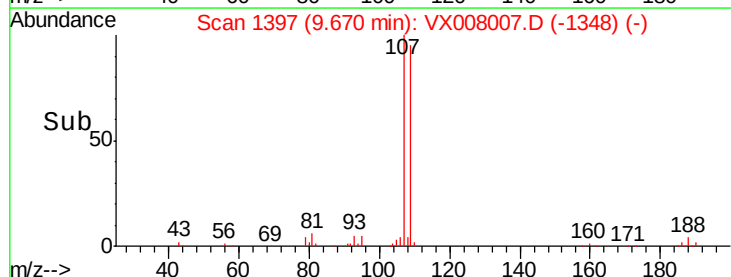
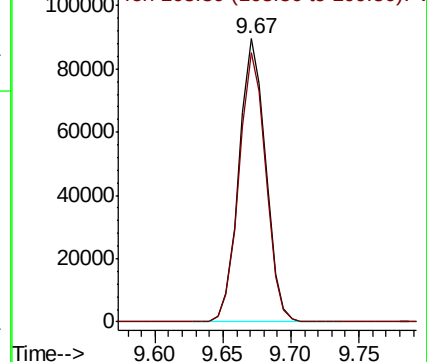
107 100

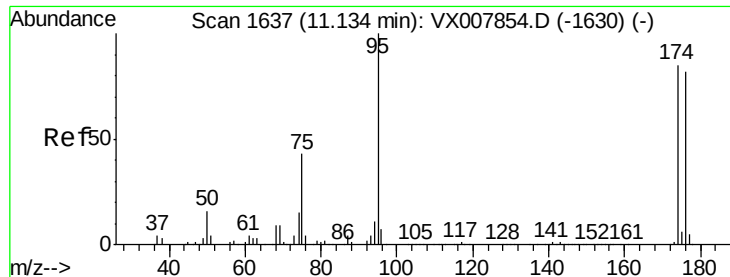
109 95.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

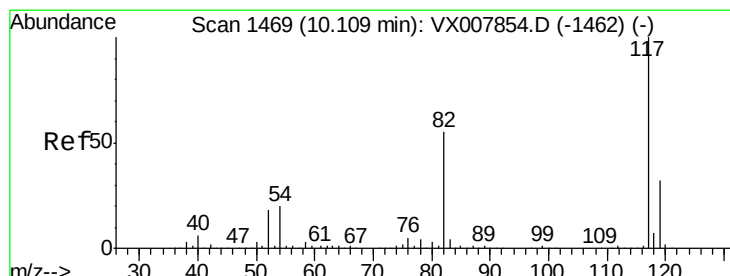
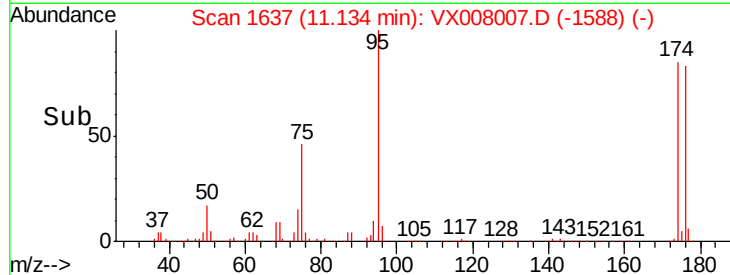
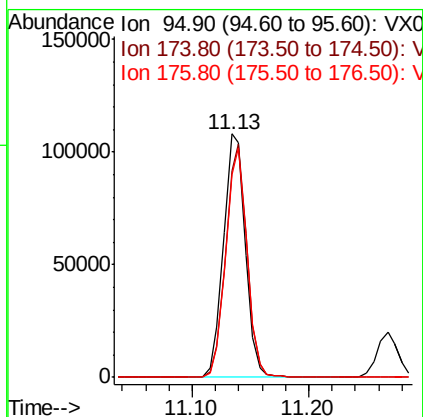
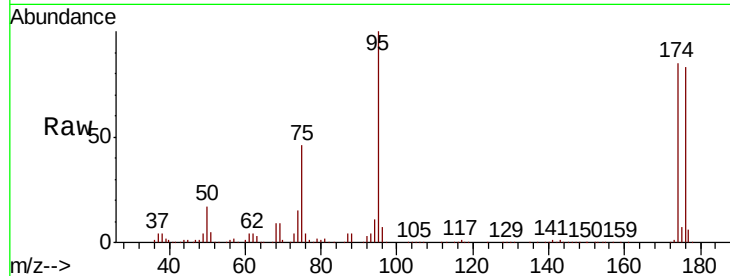




#62
4-Bromofluorobenzene
Concen: 49.478 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

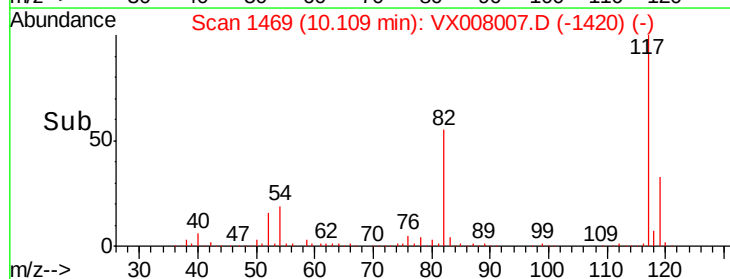
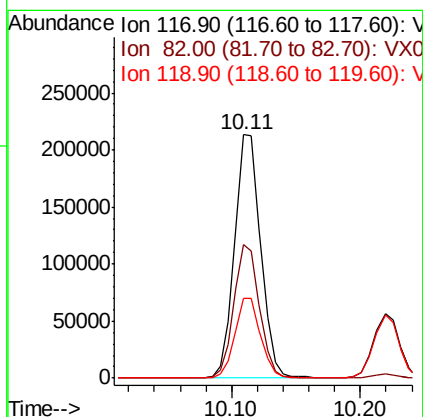
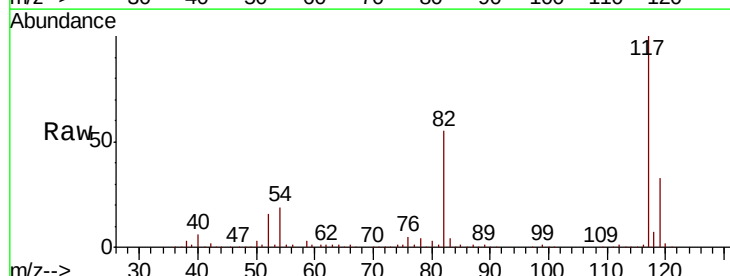
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

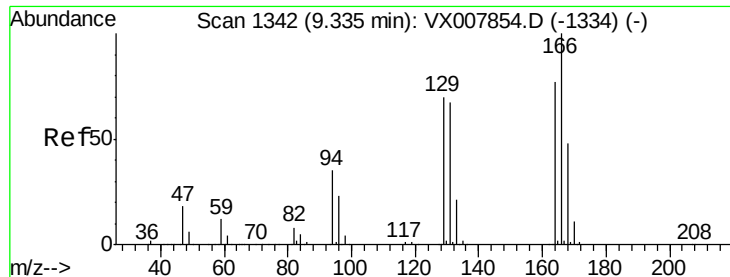
Tgt Ion: 95 Resp: 140187
Ion Ratio Lower Upper
95 100
174 92.6 0.0 182.8
176 91.5 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 117 Resp: 302504
Ion Ratio Lower Upper
117 100
82 54.7 44.3 66.5
119 32.6 25.3 37.9

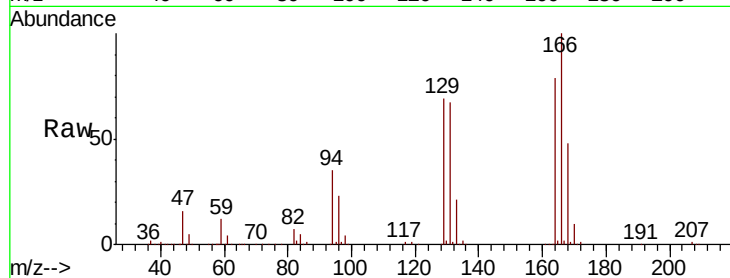




#64
Tetrachloroethene
Concen: 48.226 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	103.4	155.0
129	87.2	72.2	108.4
131	84.9	69.4	104.2



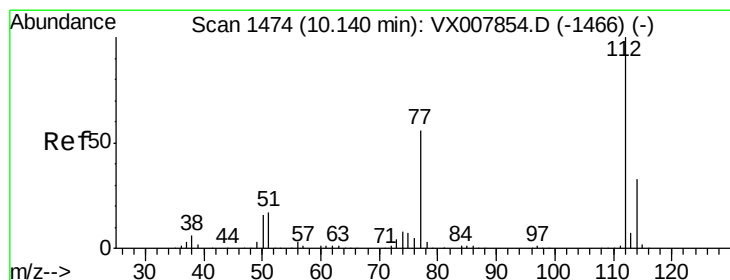
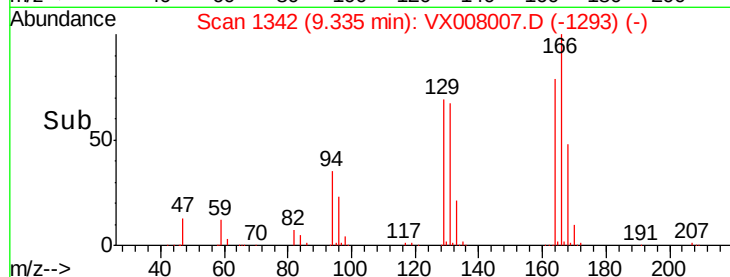
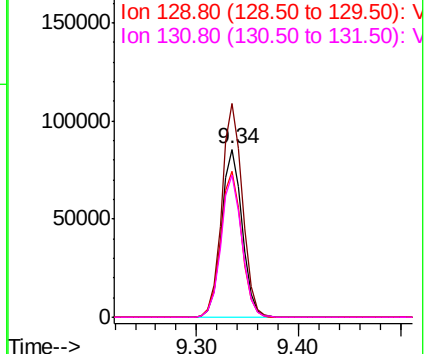
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

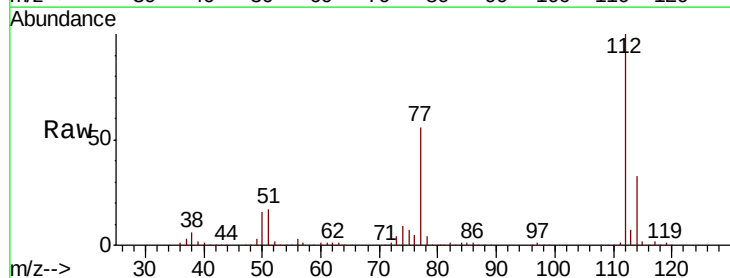
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 48.945 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

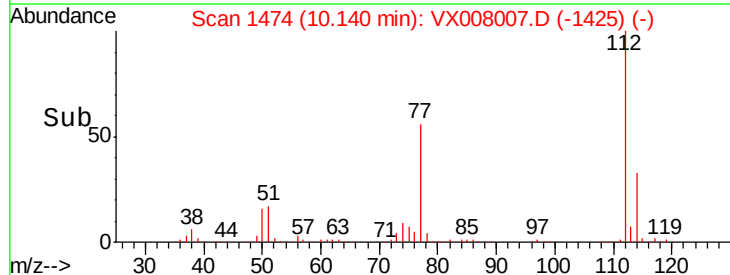
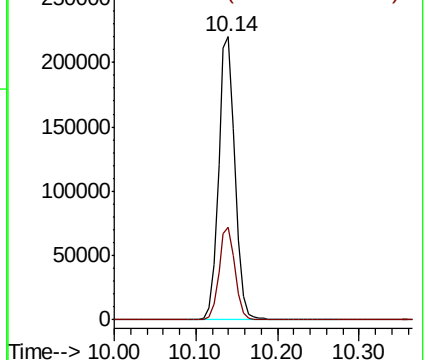
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	26.0	39.0

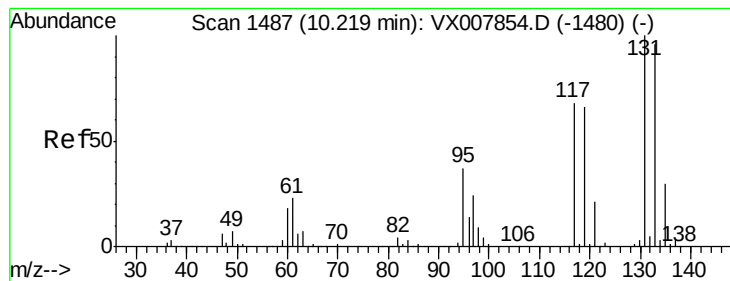


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.328 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

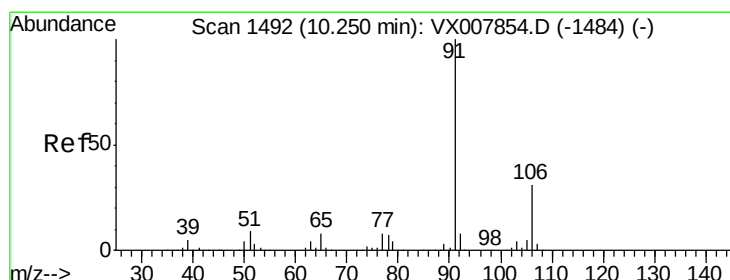
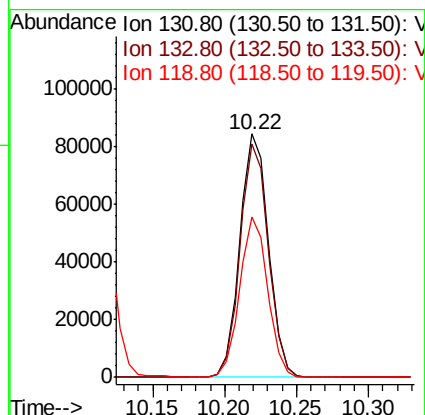
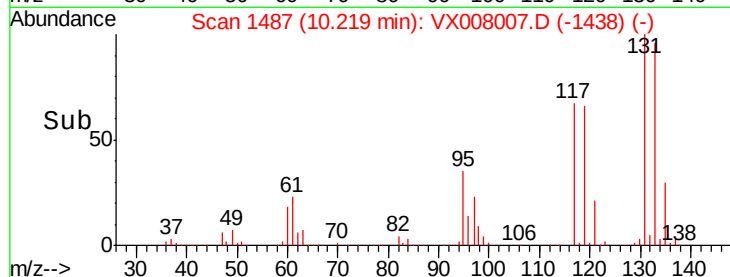
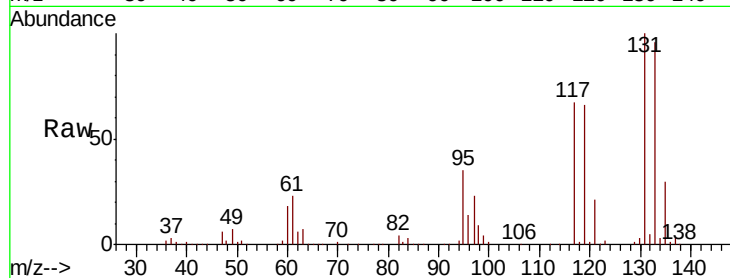
Tgt Ion:131 Resp: 116449

Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.3

119 64.6 32.5 97.5



#67

Ethyl Benzene

Concen: 49.609 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008007.D

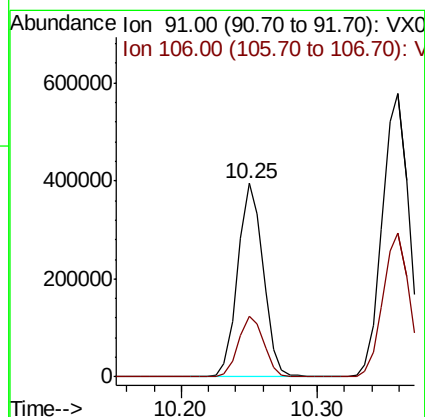
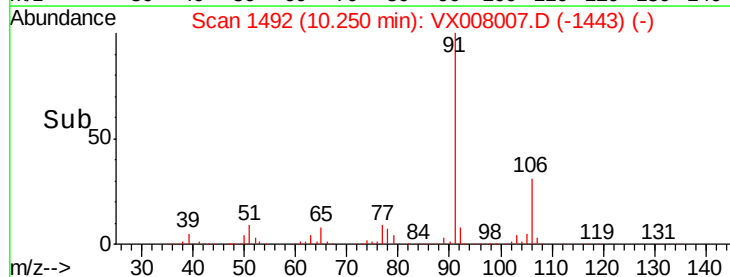
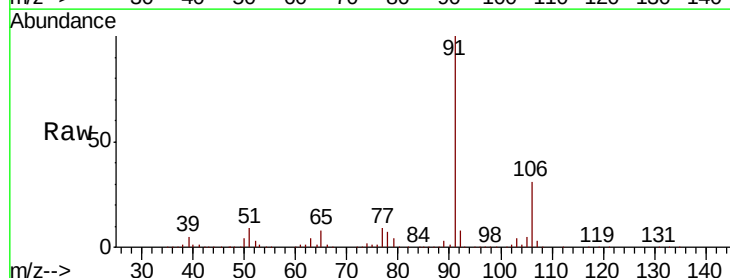
Acq: 12 Mar 2019 10:41

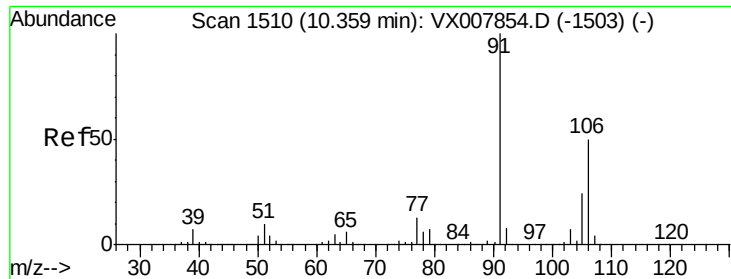
Tgt Ion: 91 Resp: 516925

Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8

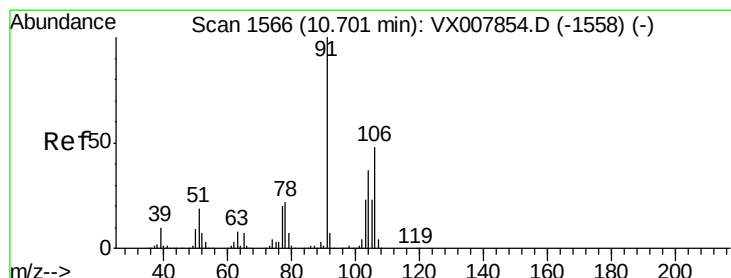
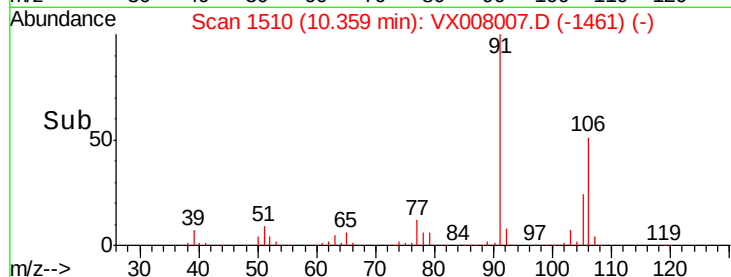
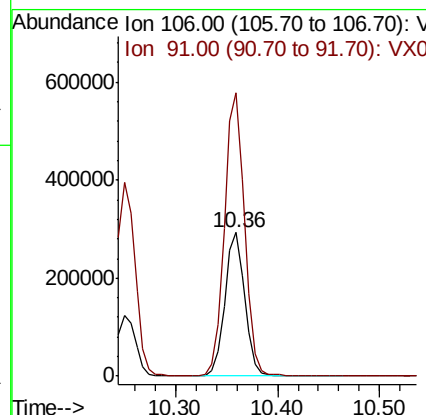
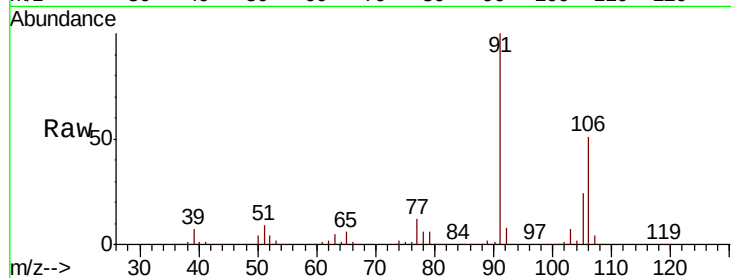




#68
m/p-Xylenes
Concen: 99.056 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

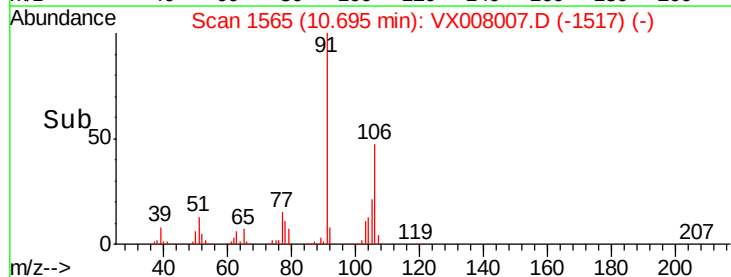
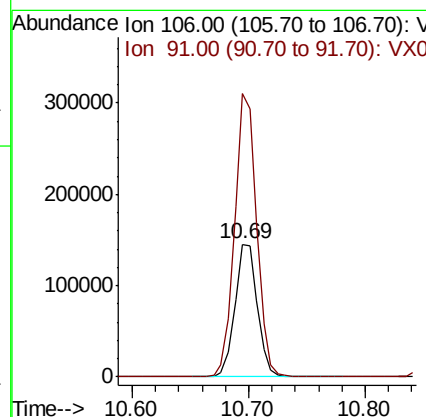
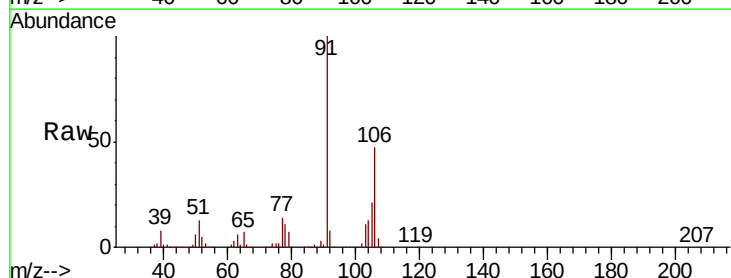
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

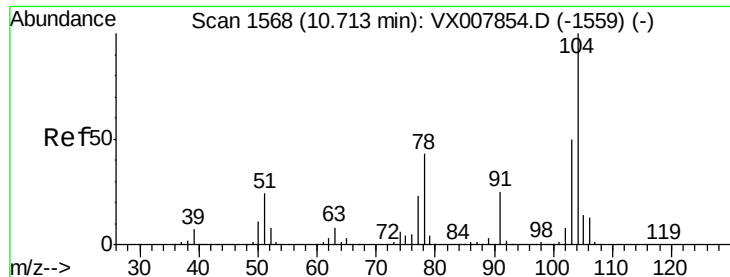
Tgt Ion:106 Resp: 397850
Ion Ratio Lower Upper
106 100
91 200.1 159.8 239.6



#69
o-Xylene
Concen: 50.213 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion:106 Resp: 194708
Ion Ratio Lower Upper
106 100
91 210.0 106.3 318.9





#70

Styrene

Concen: 50.668 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

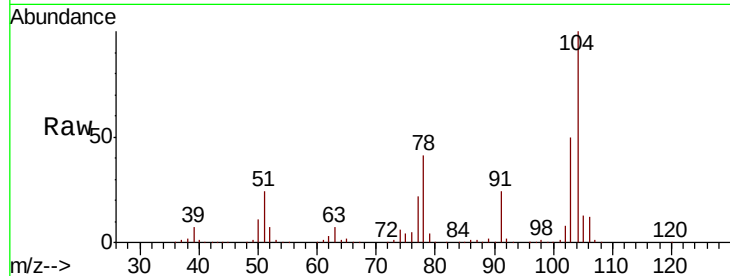
Tgt Ion:104 Resp: 321504

Ion Ratio Lower Upper

104 100

78 47.9 38.5 57.7

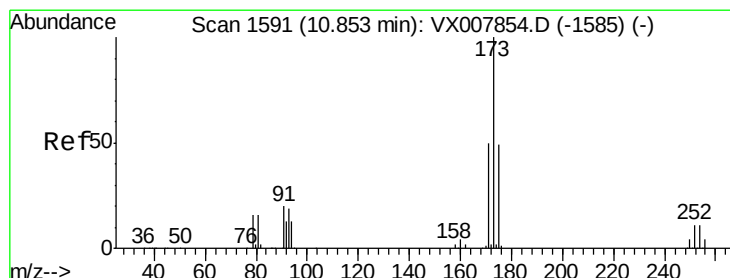
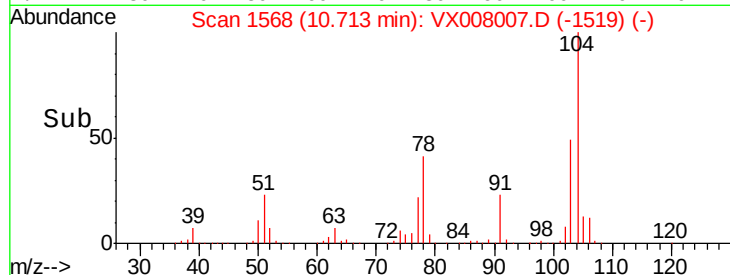
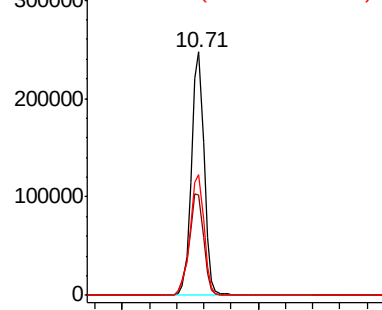
103 55.1 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 49.952 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

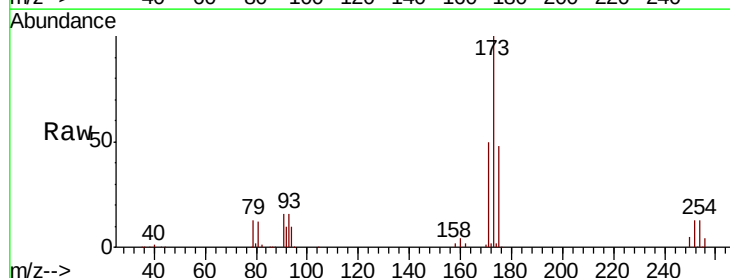
Tgt Ion:173 Resp: 97321

Ion Ratio Lower Upper

173 100

175 48.8 24.3 72.9

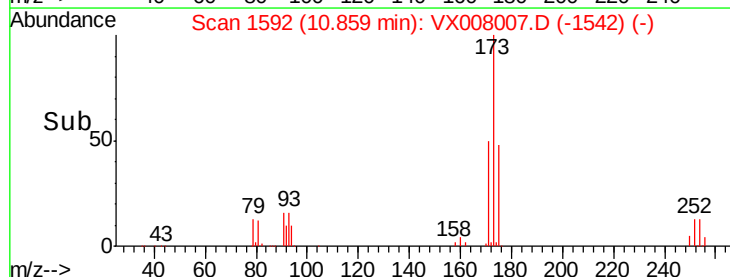
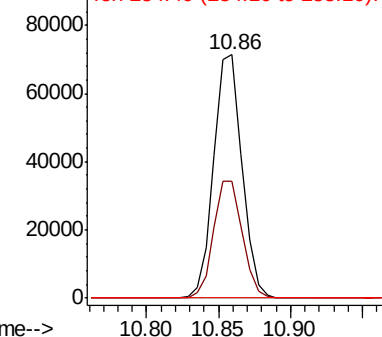
254 0.2 0.1 0.1#

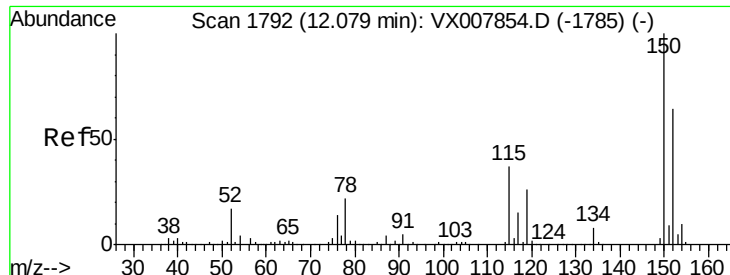


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

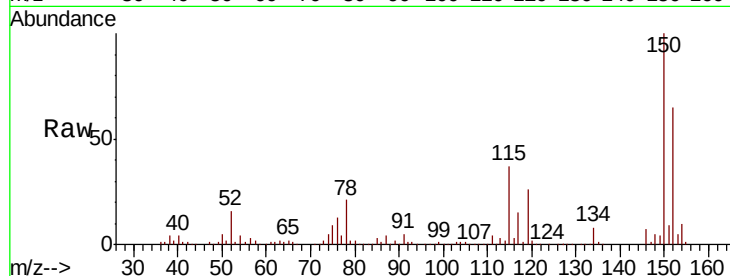
Tgt Ion:152 Resp: 152587

Ion Ratio Lower Upper

152 100

115 74.5 38.6 115.7

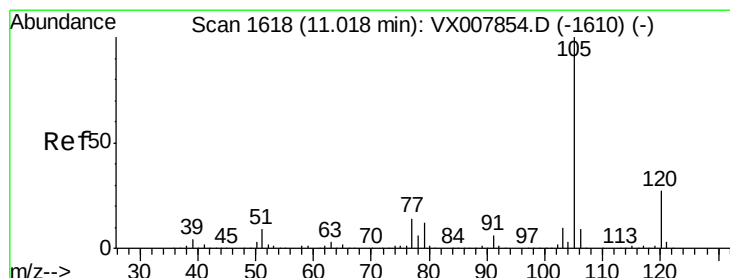
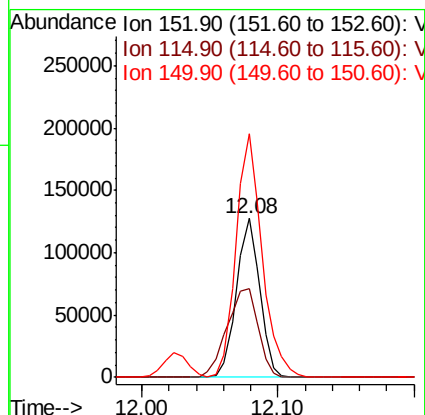
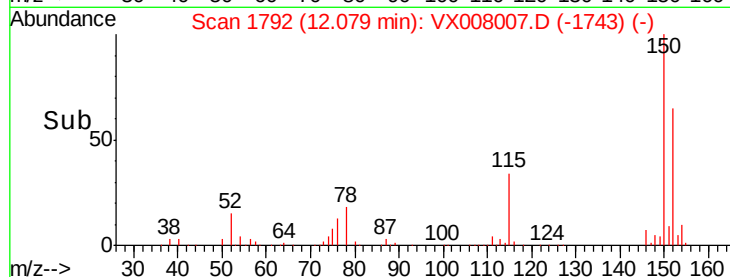
150 170.5 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.016 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008007.D

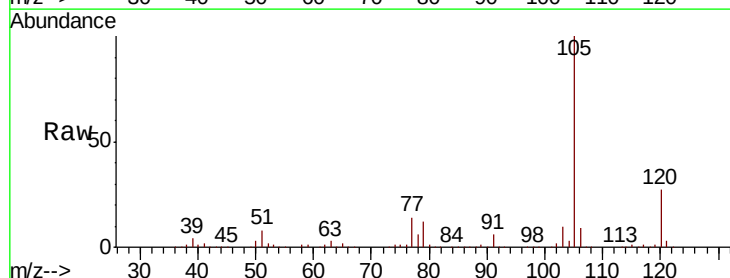
Acq: 12 Mar 2019 10:41

Tgt Ion:105 Resp: 516147

Ion Ratio Lower Upper

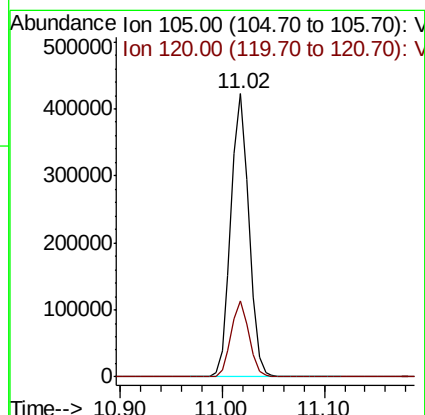
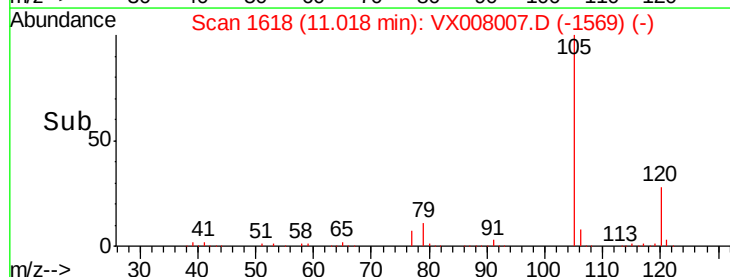
105 100

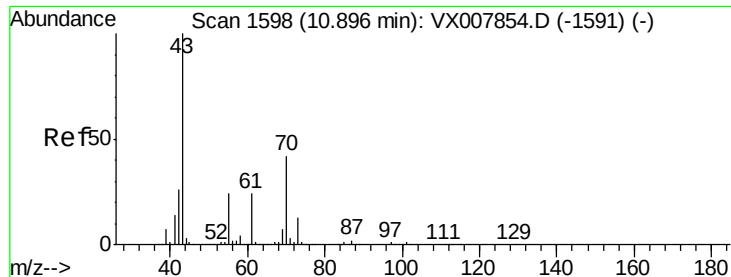
120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 34.382 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

Tgt Ion: 43 Resp: 161982

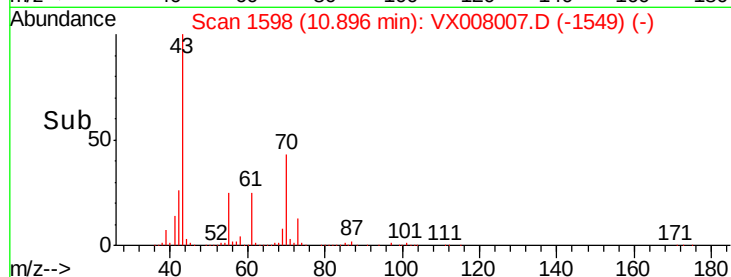
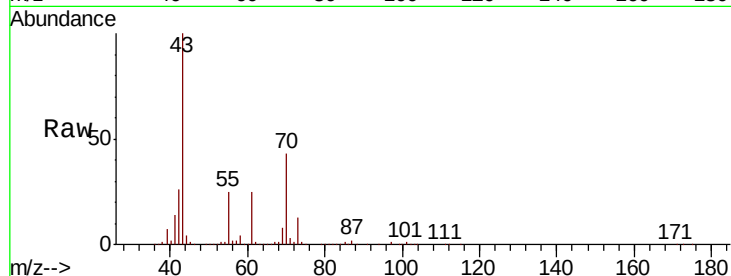
Ion Ratio Lower Upper

43 100

70 43.4 33.5 50.3

55 25.5 19.2 28.8

61 24.9 19.0 28.6



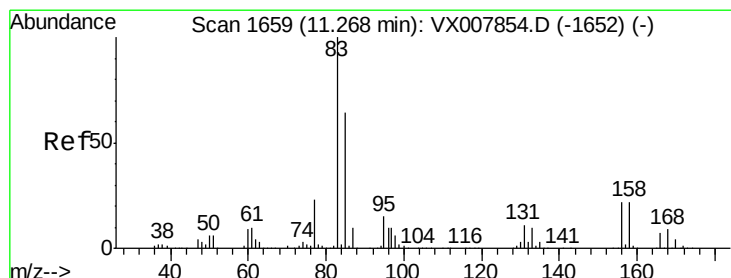
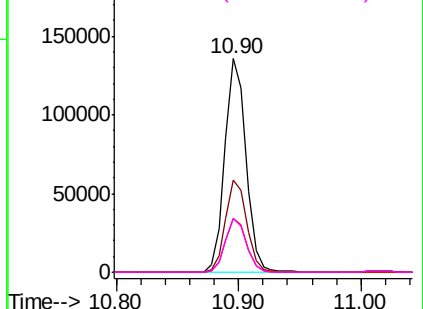
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 47.383 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

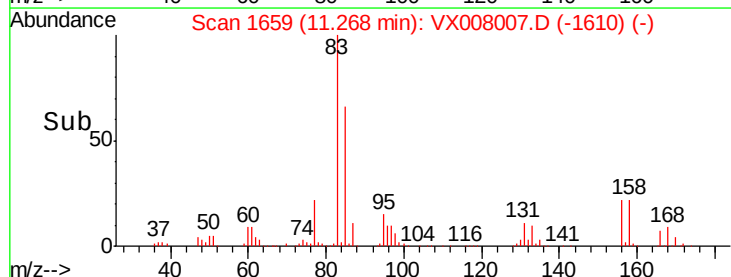
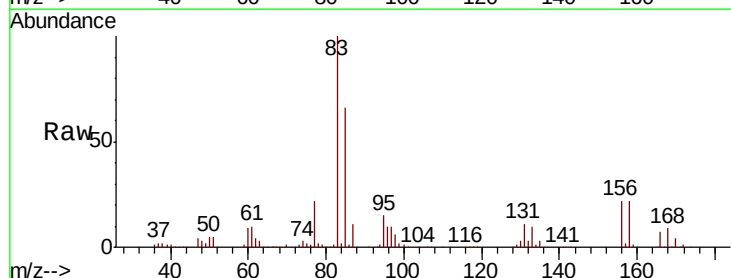
Tgt Ion: 83 Resp: 168668

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.9 32.3 96.8

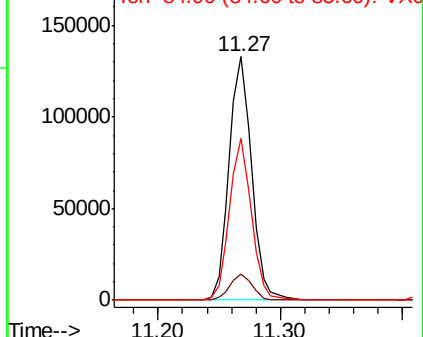


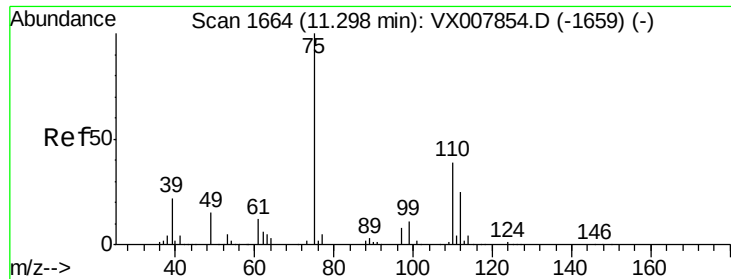
Abundance

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

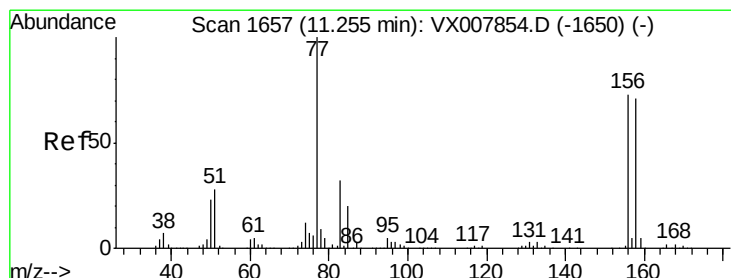
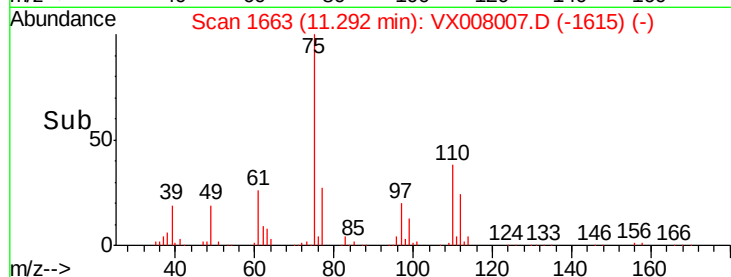
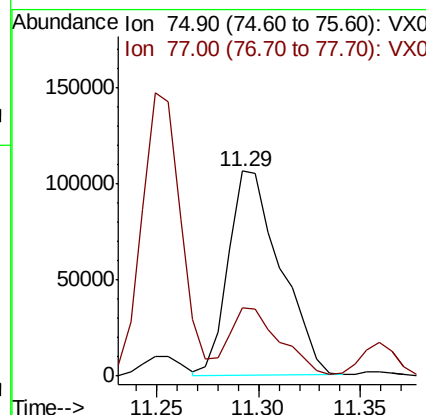
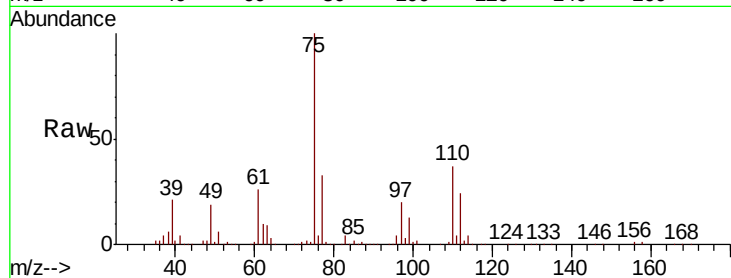




#76
1,2,3-Trichloropropane
Concen: 58.676 ug/l
RT: 11.29 min Scan# 1663
Delta R.T. -0.01 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

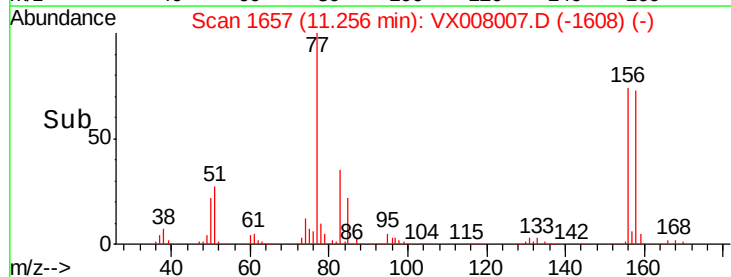
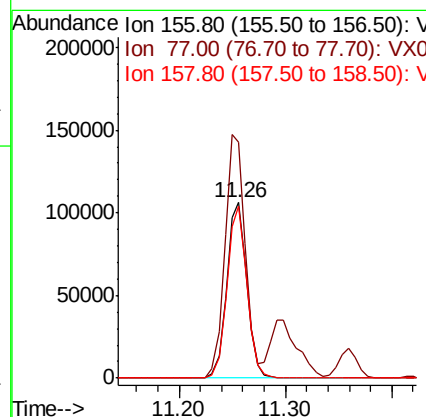
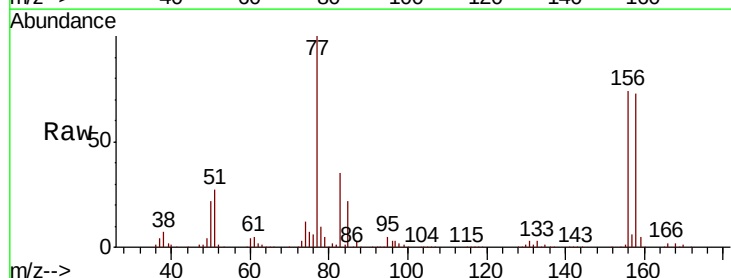
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

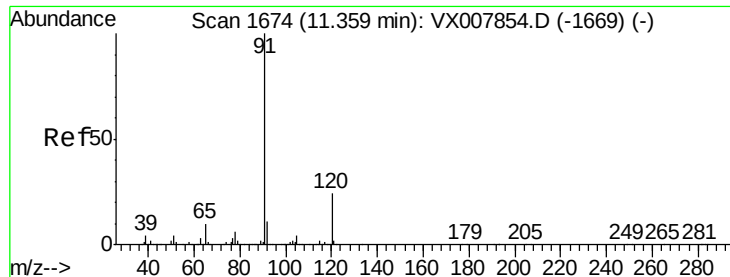
Tgt Ion: 75 Resp: 187876
Ion Ratio Lower Upper
75 100
77 33.4 18.9 56.7



#77
Bromobenzene
Concen: 49.144 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 156 Resp: 139042
Ion Ratio Lower Upper
156 100
77 139.9 72.0 215.9
158 97.2 48.6 145.9

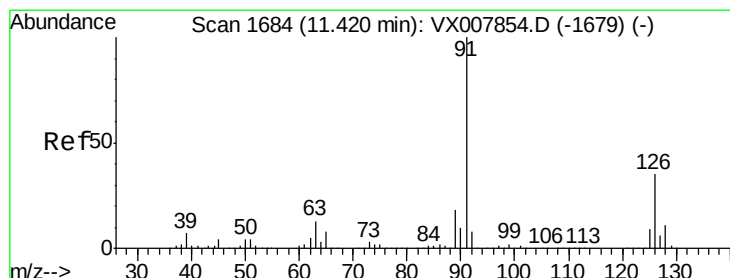
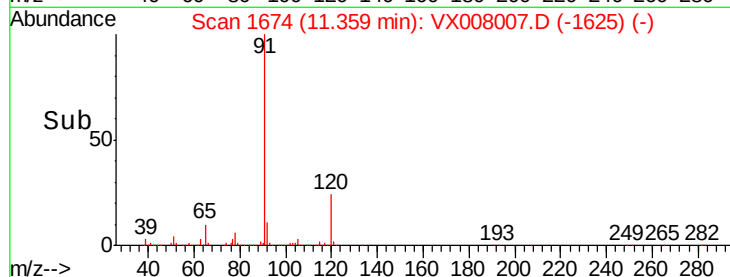
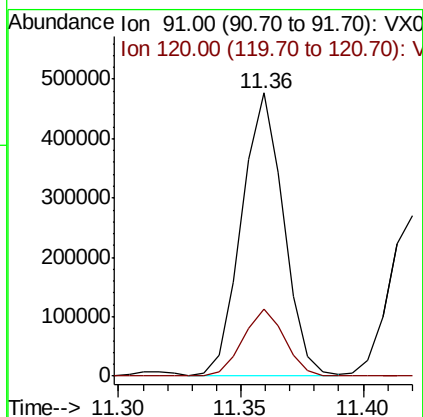
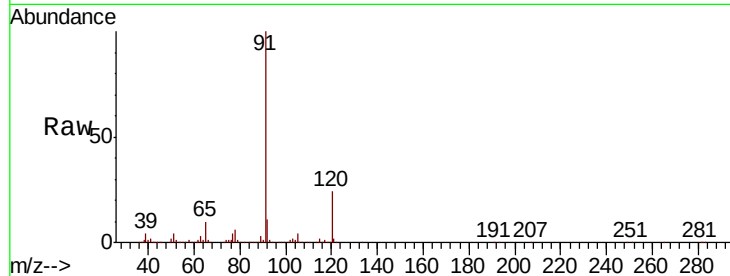




#78
n-propylbenzene
Concen: 49.383 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

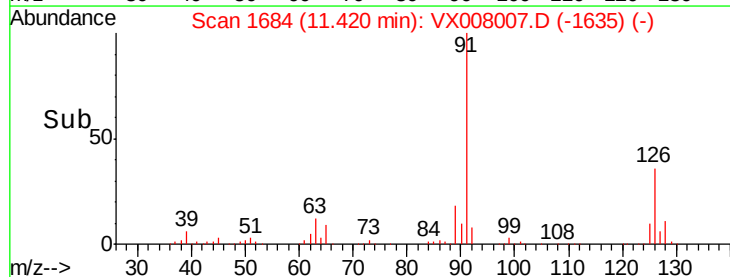
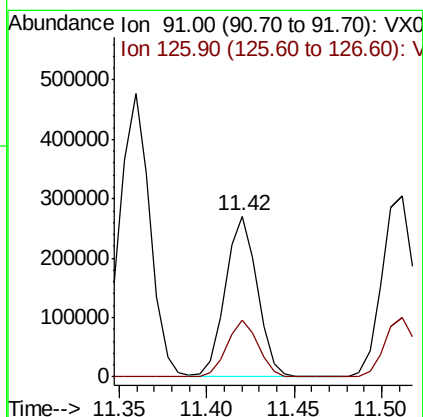
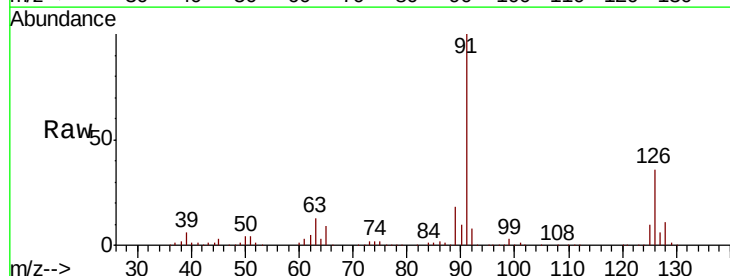
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

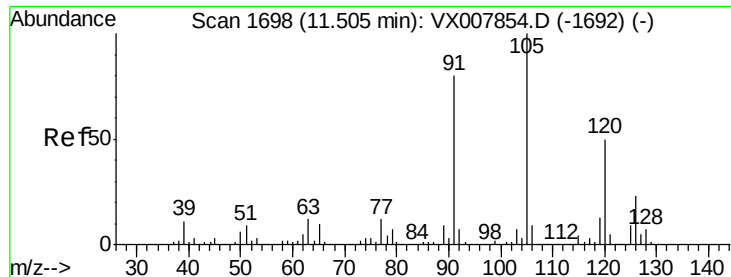
Tgt Ion: 91 Resp: 565365
Ion Ratio Lower Upper
91 100
120 23.9 12.0 36.0



#79
2-Chlorotoluene
Concen: 48.576 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion: 91 Resp: 340029
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.6

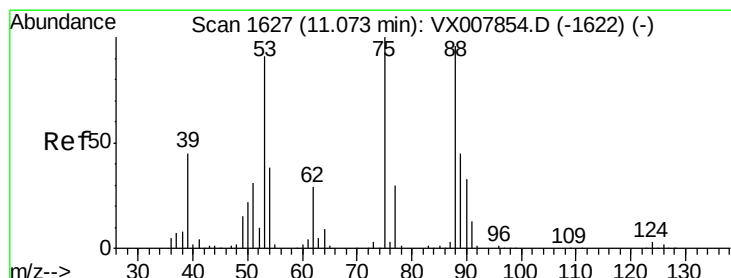
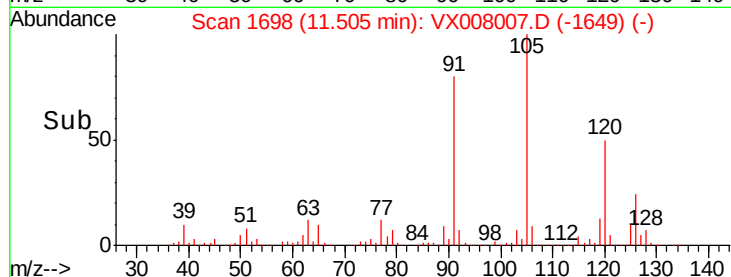
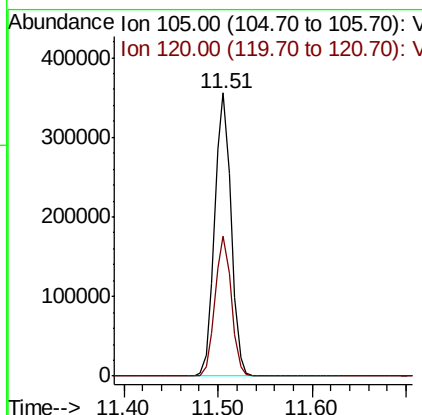
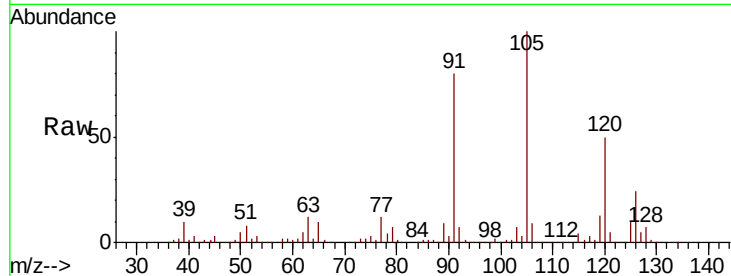




#80
 1,3,5-Trimethylbenzene
 Concen: 50.409 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

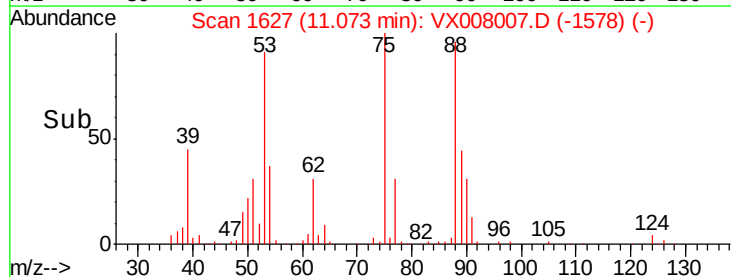
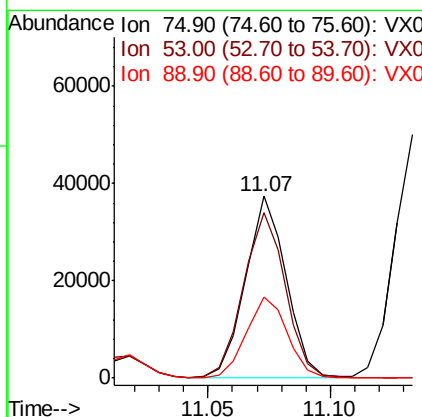
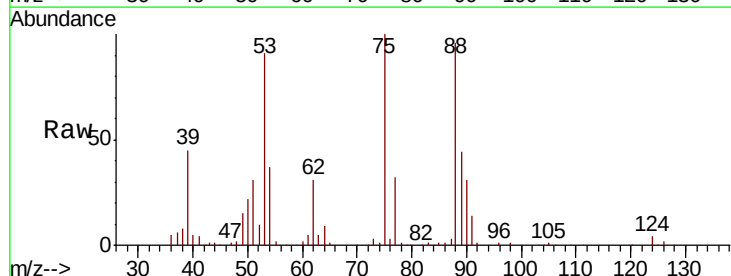
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

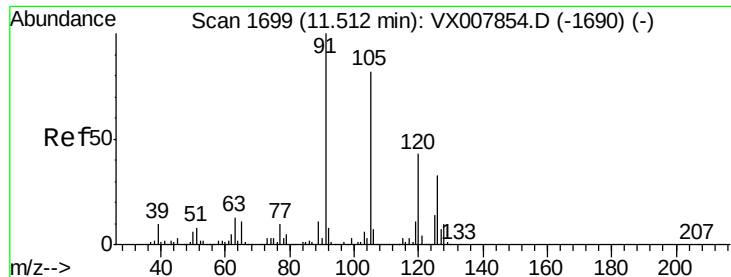
Tgt Ion: 105 Resp: 428160
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.935 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion: 75 Resp: 43008
 Ion Ratio Lower Upper
 75 100
 53 94.6 76.1 114.1
 89 45.7 36.3 54.5





#82

4-Chlorotoluene

Concen: 48.832 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

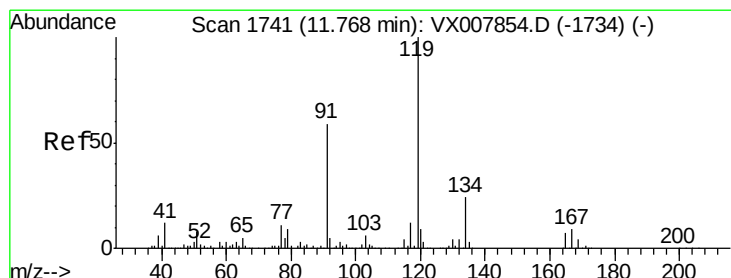
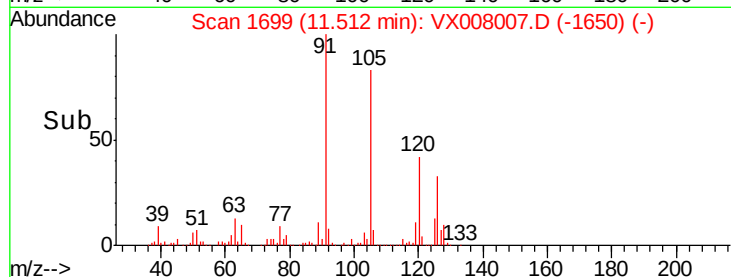
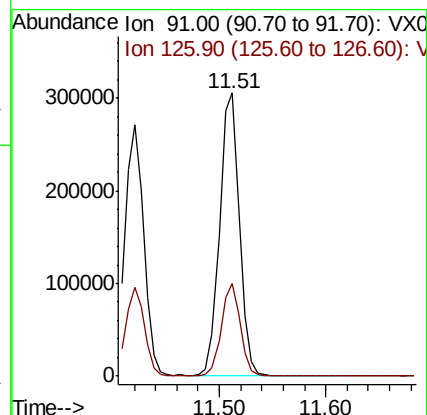
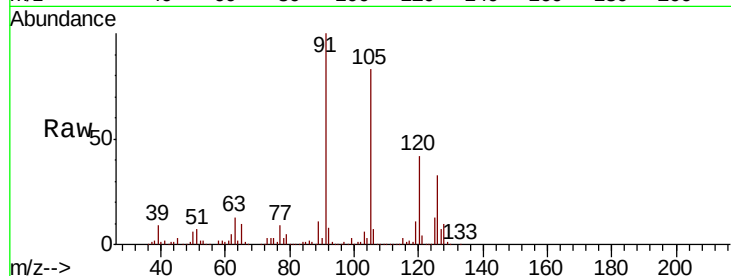
RE123D1-20190306MSD

Tgt Ion: 91 Resp: 391726

Ion Ratio Lower Upper

91 100

126 31.3 15.6 46.8



#83

tert-Butylbenzene

Concen: 50.975 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

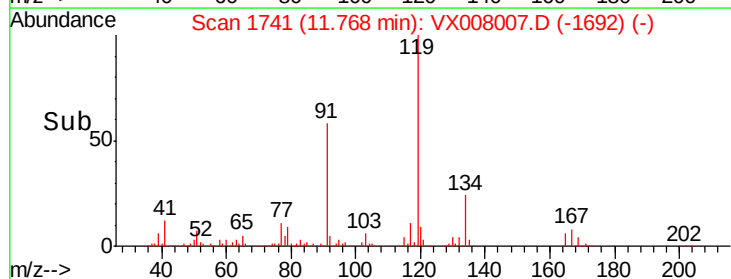
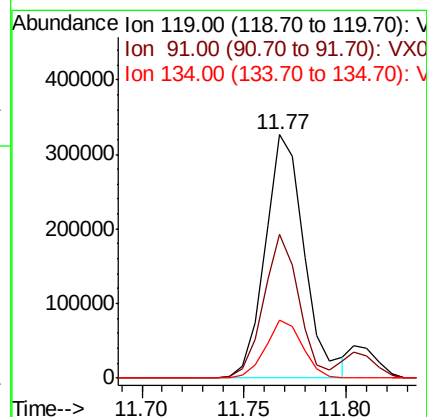
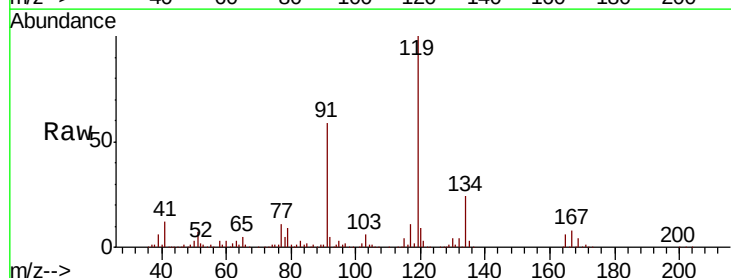
Tgt Ion: 119 Resp: 436123

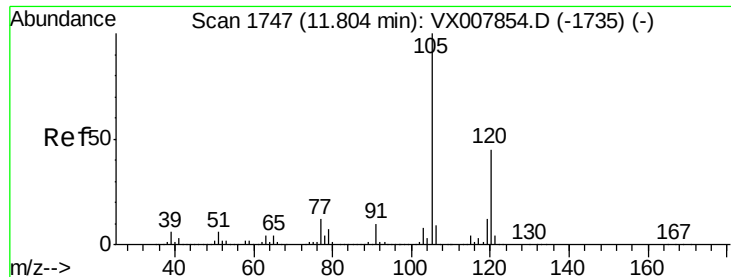
Ion Ratio Lower Upper

119 100

91 53.3 27.1 81.3

134 22.4 11.4 34.1

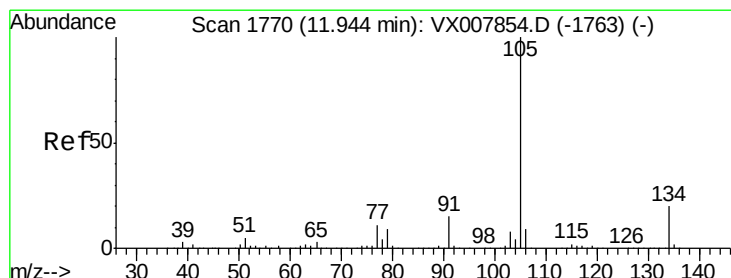
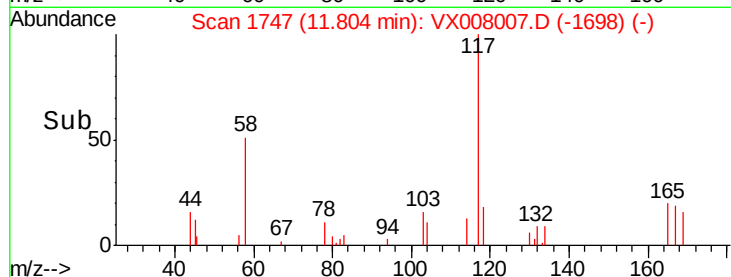
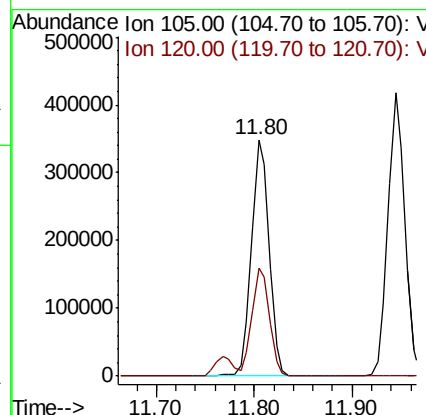
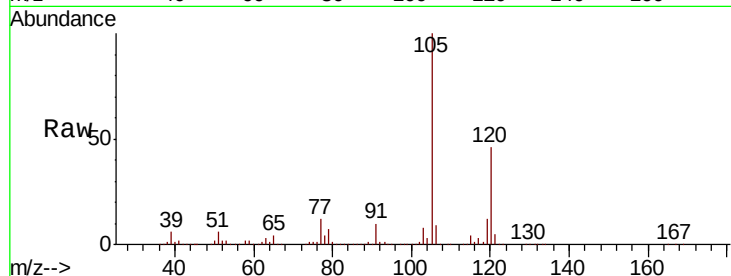




#84
 1,2,4-Trimethylbenzene
 Concen: 50.294 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

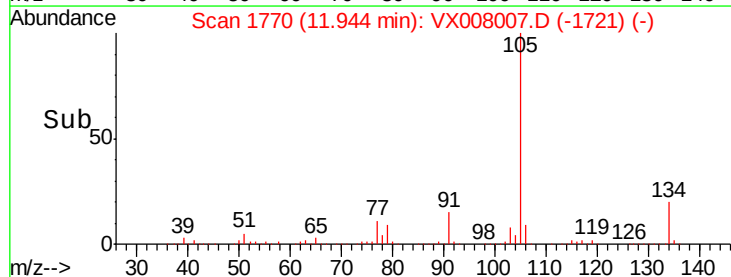
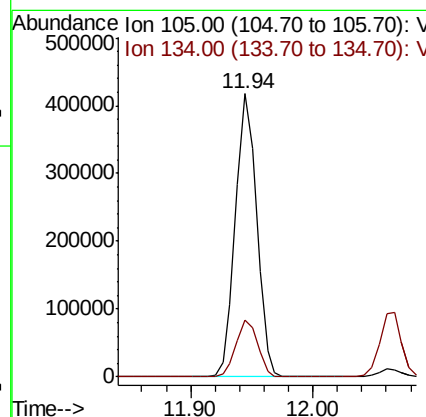
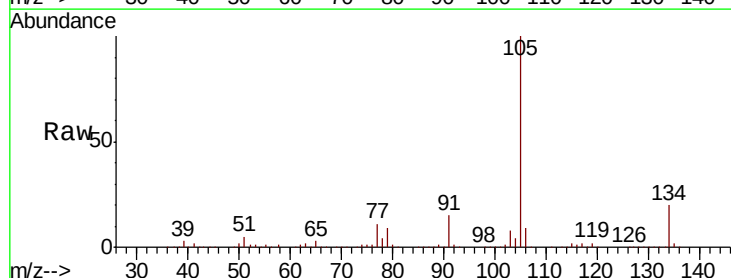
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

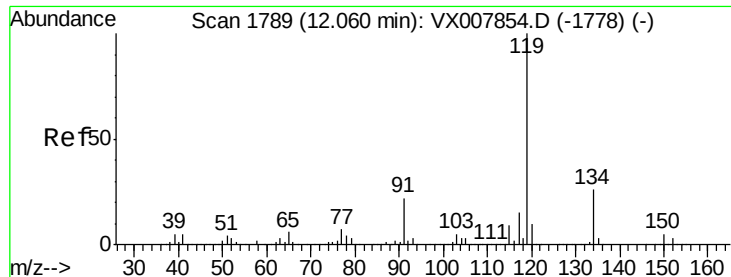
Tgt Ion:105 Resp: 437913
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 49.881 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion:105 Resp: 502619
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2

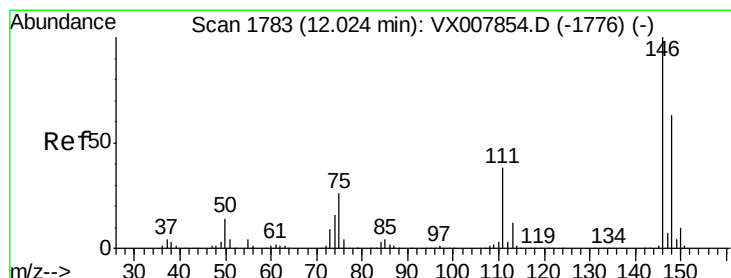
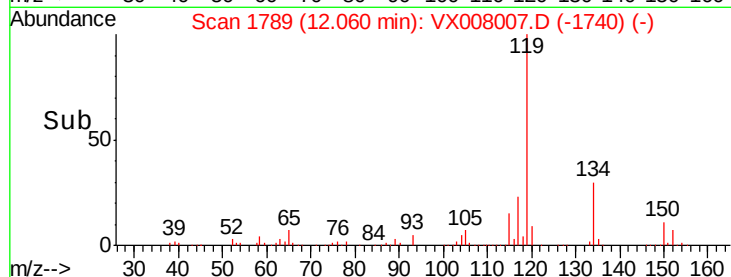
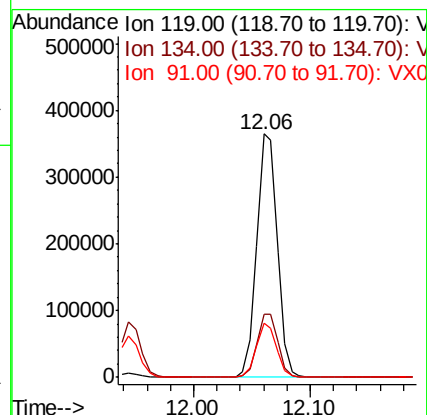
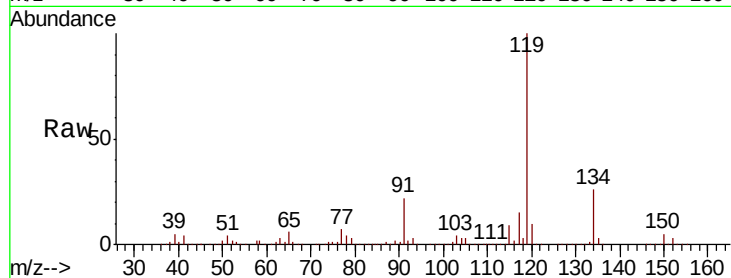




#86
p-Isopropyltoluene
Concen: 50.010 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

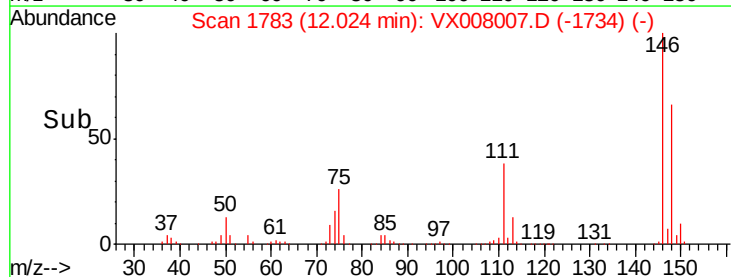
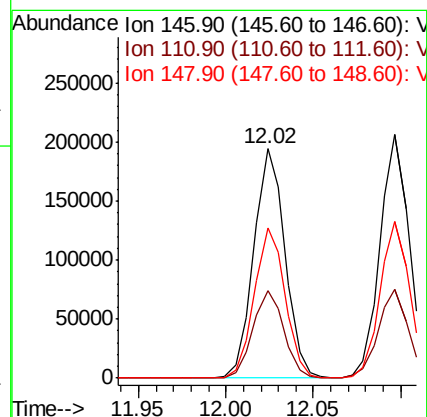
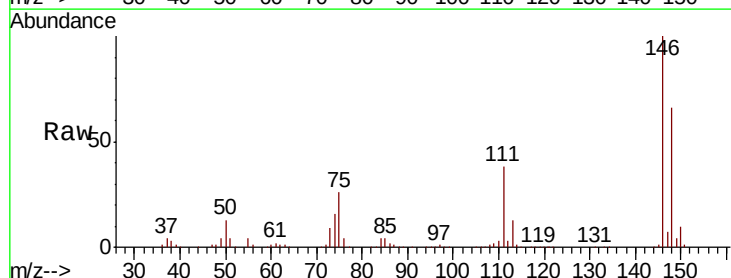
Instrument :
MSVOA_X
ClientSampleId :
RE123D1-20190306MSD

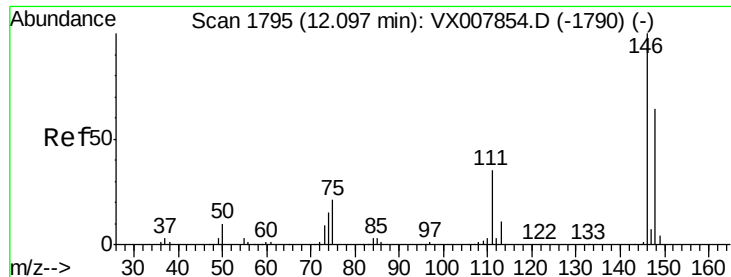
Tgt Ion:119 Resp: 451303
Ion Ratio Lower Upper
119 100
134 26.2 13.3 39.9
91 21.7 10.9 32.7



#87
1,3-Dichlorobenzene
Concen: 48.196 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX008007.D
Acq: 12 Mar 2019 10:41

Tgt Ion:146 Resp: 241240
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.7
148 64.7 31.7 95.1

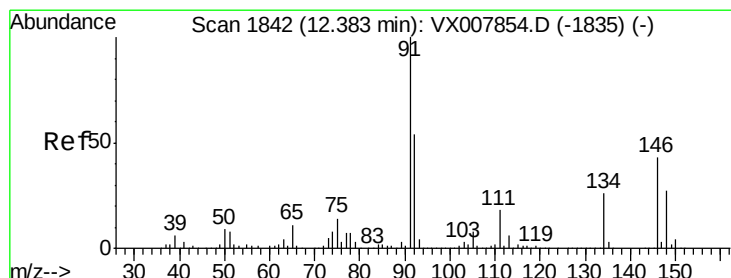
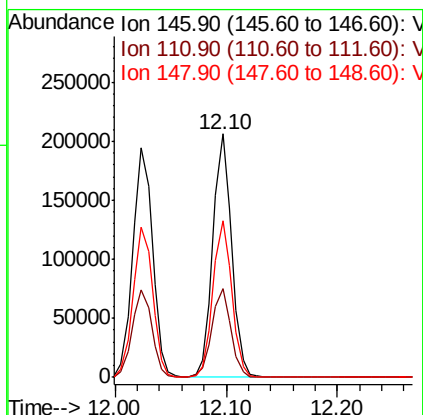
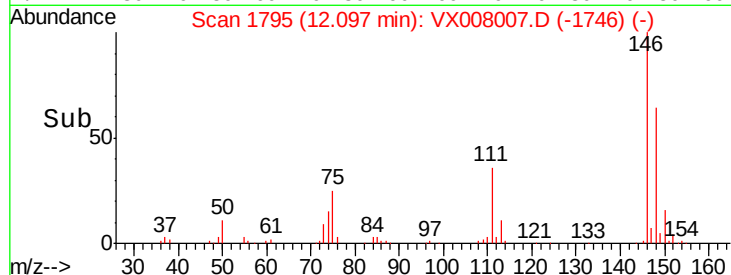
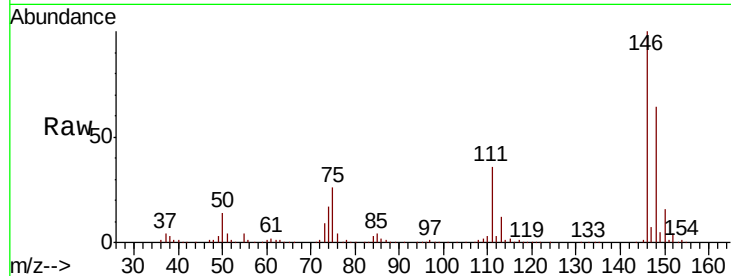




#88
 1,4-Dichlorobenzene
 Concen: 47.167 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

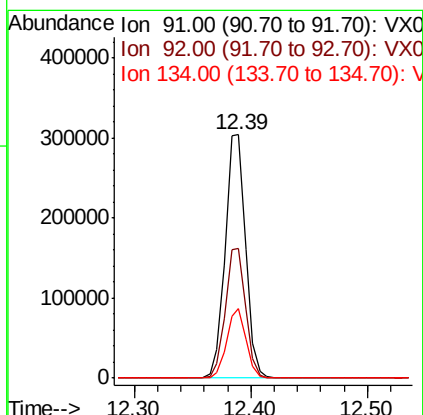
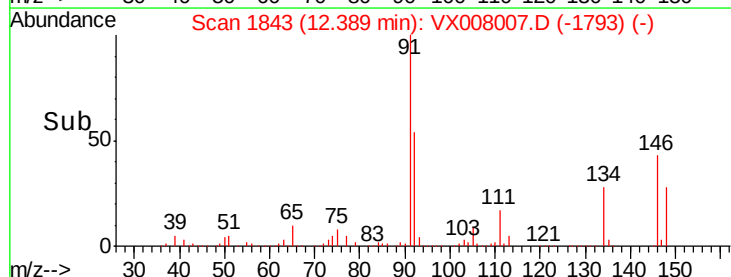
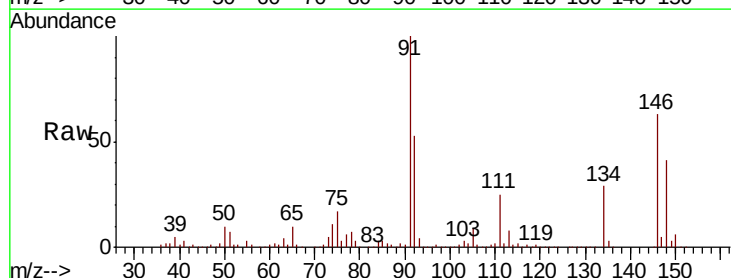
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

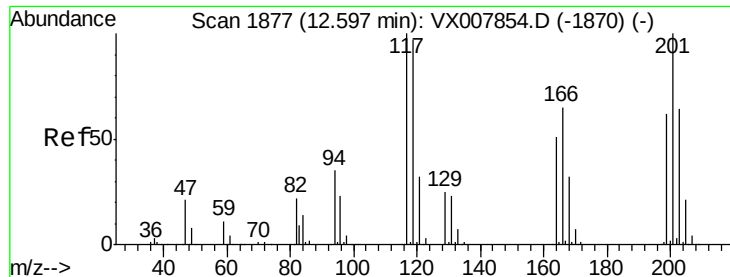
Tgt Ion:146 Resp: 241780
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.0
 148 64.7 32.2 96.6



#89
 n-Butylbenzene
 Concen: 48.102 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Tgt Ion: 91 Resp: 367760
 Ion Ratio Lower Upper
 91 100
 92 53.1 27.0 80.8
 134 27.2 13.7 41.0





#90

Hexachloroethane

Concen: 49.656 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

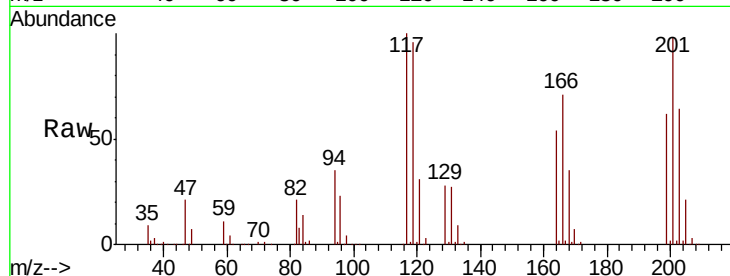
RE123D1-20190306MSD

Tgt Ion:117 Resp: 74922

Ion Ratio Lower Upper

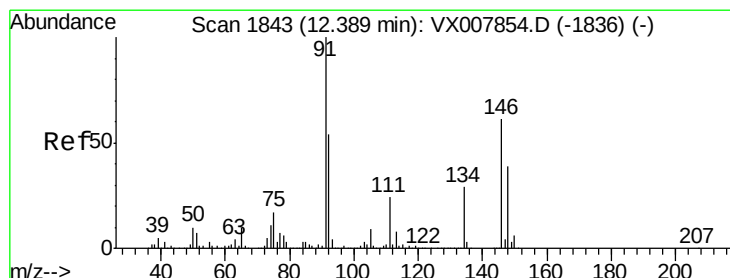
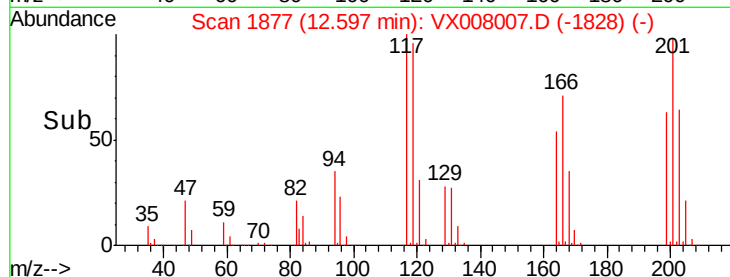
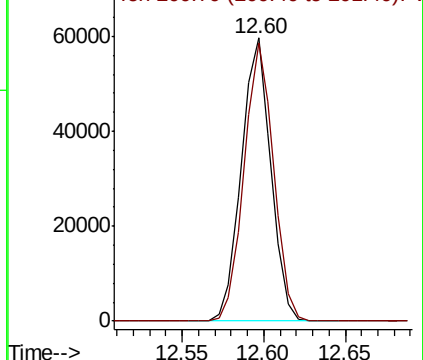
117 100

201 98.6 48.9 146.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 48.532 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

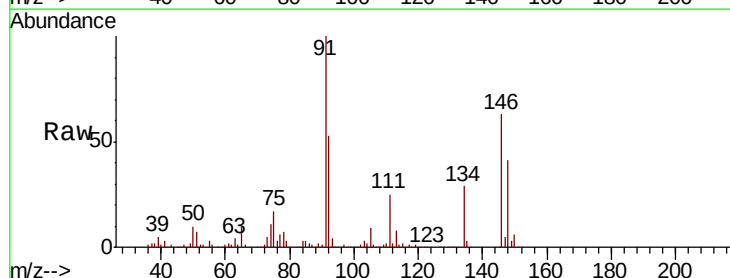
Tgt Ion:146 Resp: 241329

Ion Ratio Lower Upper

146 100

111 39.1 19.6 58.8

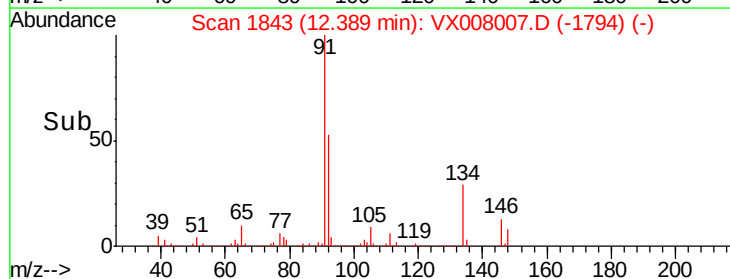
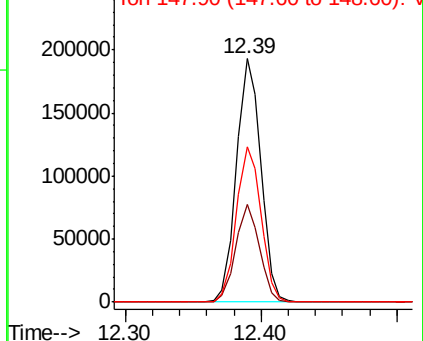
148 64.5 31.9 95.5

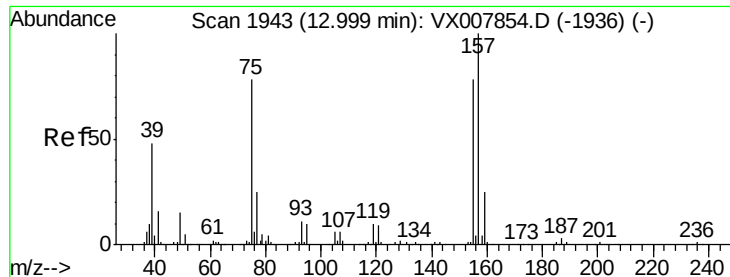


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.389 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

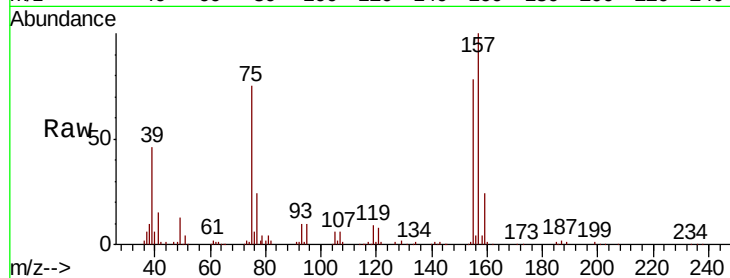
Tgt Ion: 75 Resp: 35998

Ion Ratio Lower Upper

75 100

155 102.9 49.7 149.1

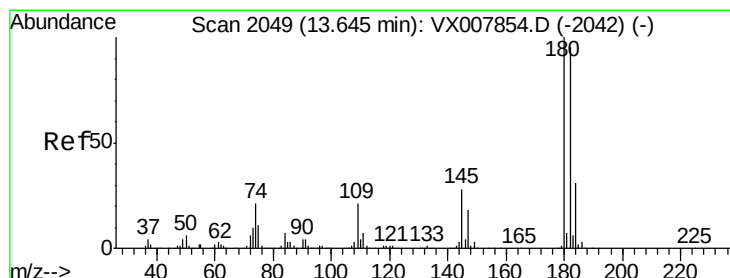
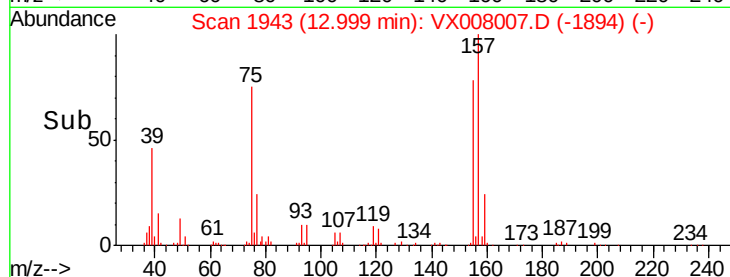
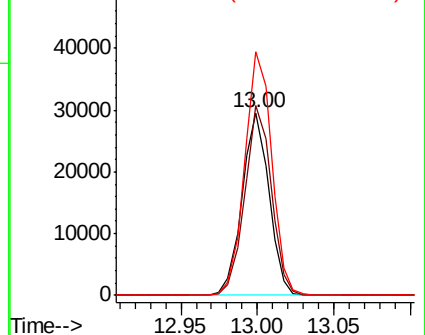
157 134.2 63.8 191.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 48.497 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

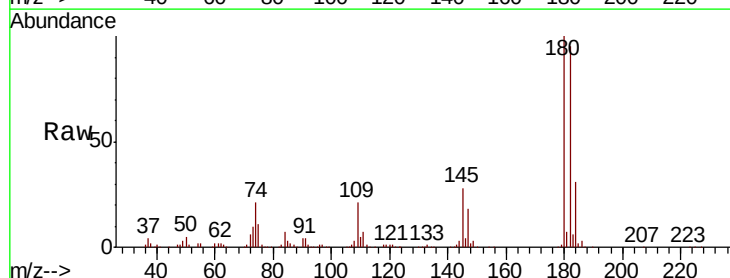
Tgt Ion: 180 Resp: 169407

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

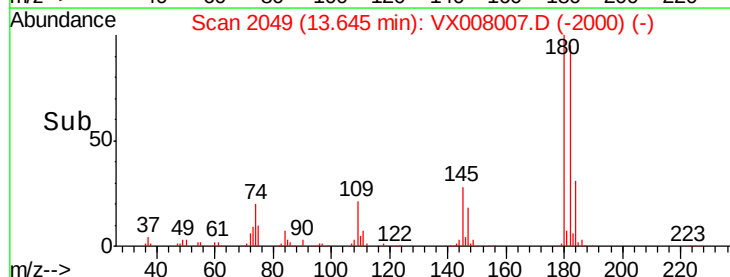
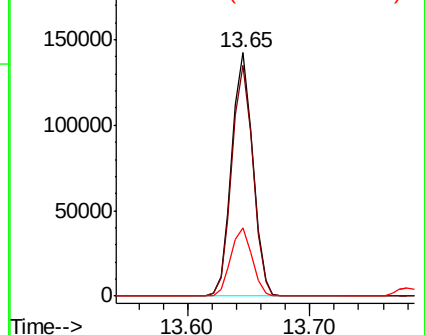
145 28.3 14.1 42.4

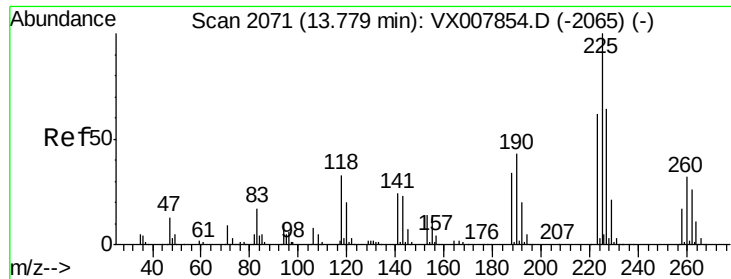


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 46.913 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

Instrument :

MSVOA_X

ClientSampleId :

RE123D1-20190306MSD

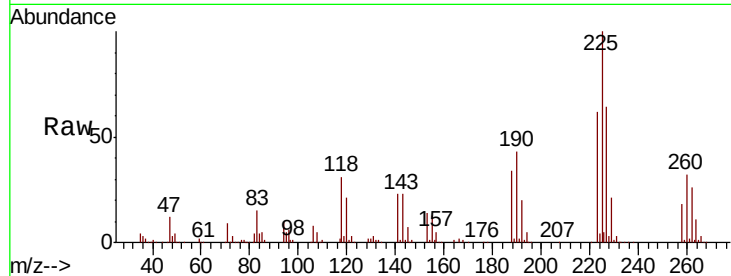
Tgt Ion:225 Resp: 85677

Ion Ratio Lower Upper

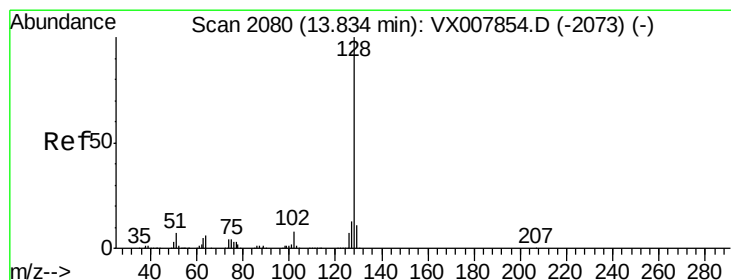
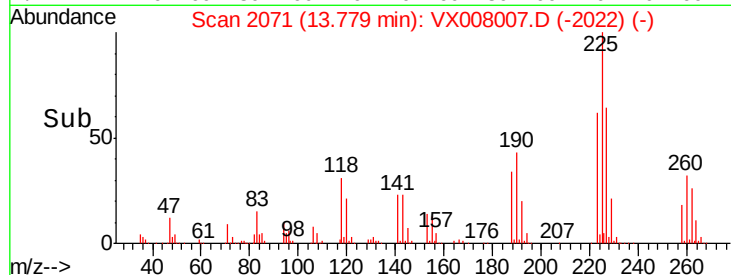
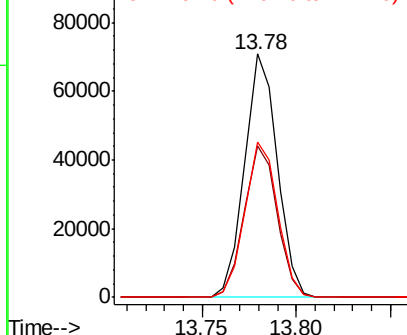
225 100

223 62.4 31.1 93.2

227 64.2 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 51.486 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008007.D

Acq: 12 Mar 2019 10:41

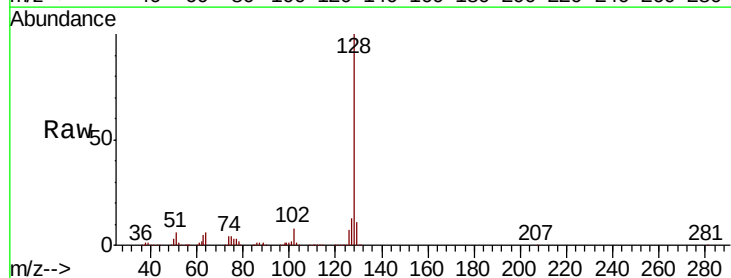
Tgt Ion:128 Resp: 518204

Ion Ratio Lower Upper

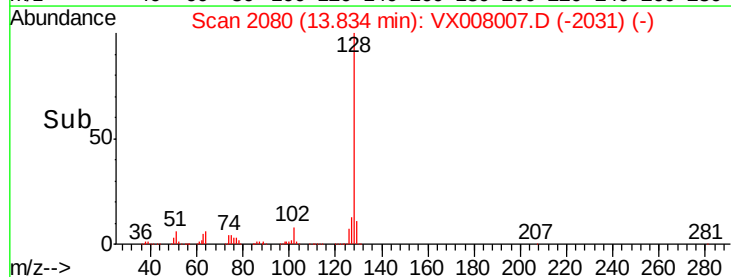
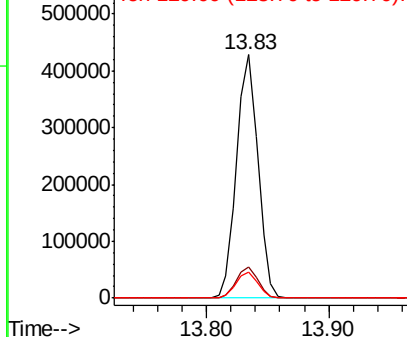
128 100

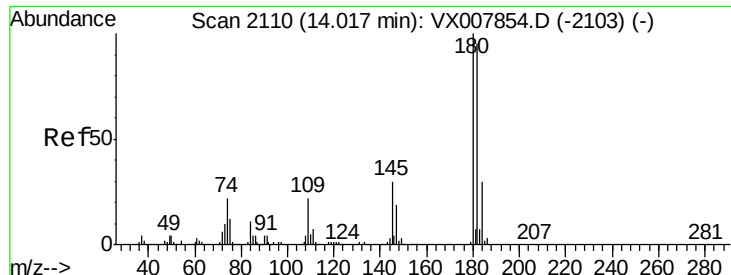
127 12.9 10.3 15.5

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

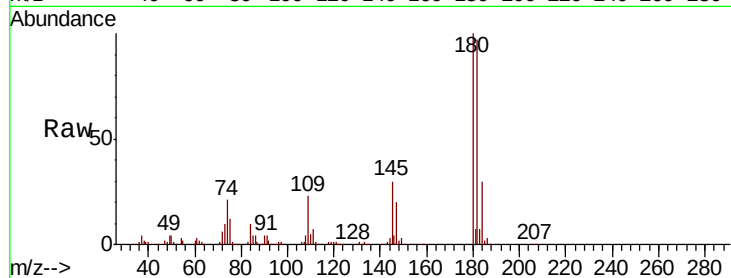




#96
 1,2,3-Trichlorobenzene
 Concen: 49.467 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008007.D
 Acq: 12 Mar 2019 10:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D1-20190306MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.5	142.5
145	29.8	14.8	44.3



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

