

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041219\
 Data File : VX008922.D
 Acq On : 13 Apr 2019 05:55
 Operator : JC/SP
 Sample : K2367-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Quant Time: Apr 26 04:27:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	155148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	260481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110334	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	103421	45.70	ug/l	0.00
Spiked Amount			Recovery	=	91.40%	
35) Dibromofluoromethane	5.50	113	78405	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	
50) Toluene-d8	8.71	98	312844	47.18	ug/l	0.00
Spiked Amount			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.13	95	117249	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	93078	52.119	ug/l	98
3) Chloromethane	1.32	50	119844	54.922	ug/l	100
4) Vinyl Chloride	1.41	62	114363	47.371	ug/l	98
5) Bromomethane	1.64	94	60534	50.867	ug/l	99
6) Chloroethane	1.71	64	66734	50.655	ug/l	99
7) Trichlorofluoromethane	1.92	101	127688	47.847	ug/l	98
8) Diethyl Ether	2.19	74	59858	47.298	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74233	43.204	ug/l	96
10) Methyl Iodide	2.51	142	81882	52.140	ug/l	100
11) Tert butyl alcohol	3.06	59	204655	386.303	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83769	46.703	ug/l	99
13) Acrolein	2.29	56	80722	307.287	ug/l	99
14) Allyl chloride	2.72	41	192190	46.806	ug/l	96
15) Acrylonitrile	3.15	53	381654	271.935	ug/l	99
16) Acetone	2.45	43	515885	395.806	ug/l	100
17) Carbon Disulfide	2.56	76	252879	48.805	ug/l	100
18) Methyl Acetate	2.78	43	152573	48.266	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	324710	50.692	ug/l	99
20) Methylene Chloride	2.85	84	99095	45.421	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	90051	46.415	ug/l	96
22) Diisopropyl ether	3.86	45	377354	47.681	ug/l	98
23) Vinyl Acetate	3.82	43	1586326	230.410	ug/l	100
24) 1,1-Dichloroethane	3.70	63	186081	47.489	ug/l	98
25) 2-Butanone	4.68	43	605163	293.765	ug/l	99
26) 2,2-Dichloropropane	4.59	77	79313	28.739	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	113595	50.926	ug/l	93
28) Bromochloromethane	5.01	49	83413	51.023	ug/l	97
29) Tetrahydrofuran	5.13	42	392517	287.077	ug/l	99
30) Chloroform	5.21	83	169646	48.474	ug/l	99
31) Cyclohexane	5.58	56	191519	48.984	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	141158	49.912	ug/l	98
36) 1,1-Dichloropropene	5.80	75	131539	46.197	ug/l	99
37) Ethyl Acetate	4.84	43	192177	50.565	ug/l	100
38) Carbon Tetrachloride	5.79	117	116025	49.234	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	177399	50.435	ug/l	99
40) Benzene	6.14	78	461269	54.379	ug/l	100
41) Methacrylonitrile	5.04	41	112865	51.664	ug/l	99
42) 1,2-Dichloroethane	6.20	62	143712	47.258	ug/l	99
43) Isopropyl Acetate	6.45	43	303372	50.956	ug/l	100
44) Trichloroethene	7.21	130	95143	48.158	ug/l	98
45) 1,2-Dichloropropane	7.51	63	115309	47.626	ug/l	98
46) Dibromomethane	7.66	93	66601	47.430	ug/l	96
47) Bromodichloromethane	7.90	83	132069	49.882	ug/l	99
48) Methyl methacrylate	7.77	41	161958	53.777	ug/l	99
49) 1,4-Dioxane	7.74	88	69688	1235.243	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1084872	283.067	ug/l	100
52) Toluene	8.79	92	249329	49.857	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	143954	48.538	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	158827	46.868	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	99703	49.668	ug/l	97
56) Ethyl methacrylate	9.18	69	192428	52.981	ug/l	99
57) 1,3-Dichloropropane	9.37	76	176671	49.013	ug/l	99
59) 2-Hexanone	9.49	43	870236	292.176	ug/l	99
60) Dibromochloromethane	9.59	129	98420	52.030	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104097	49.813	ug/l	98
64) Tetrachloroethene	9.34	164	79644	45.725	ug/l	97
65) Chlorobenzene	10.14	112	253278	48.602	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92224	50.444	ug/l	99
67) Ethyl Benzene	10.25	91	774791	79.732	ug/l	99
68) m/p-Xylenes	10.36	106	581251	166.360	ug/l	97
69) o-Xylene	10.70	106	179237	52.934	ug/l	98
70) Styrene	10.71	104	285249	48.872	ug/l	100
71) Bromoform	10.86	173	74335	53.237	ug/l #	100
73) Isopropylbenzene	11.02	105	461853	50.510	ug/l	100
74) N-amyl acetate	10.90	43	258326	48.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	163885	47.127	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	191372	63.139	ug/l	81
77) Bromobenzene	11.26	156	108108	49.181	ug/l	95
78) n-propylbenzene	11.36	91	545698	51.255	ug/l	99
79) 2-Chlorotoluene	11.42	91	308374	47.863	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	386641	50.374	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50531	45.956	ug/l	96
82) 4-Chlorotoluene	11.51	91	342540	45.930	ug/l	99
83) tert-Butylbenzene	11.77	119	352312	47.711	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	661459	85.110	ug/l	98
85) sec-Butylbenzene	11.94	105	418008	47.657	ug/l	98
86) p-Isopropyltoluene	12.06	119	388386	49.334	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	187911	47.751	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	189091	47.453	ug/l	99
89) n-Butylbenzene	12.39	91	346462	46.927	ug/l	97
90) Hexachloroethane	12.60	117	69903	53.535	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	185517	47.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44266	57.865	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	128629	47.349	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

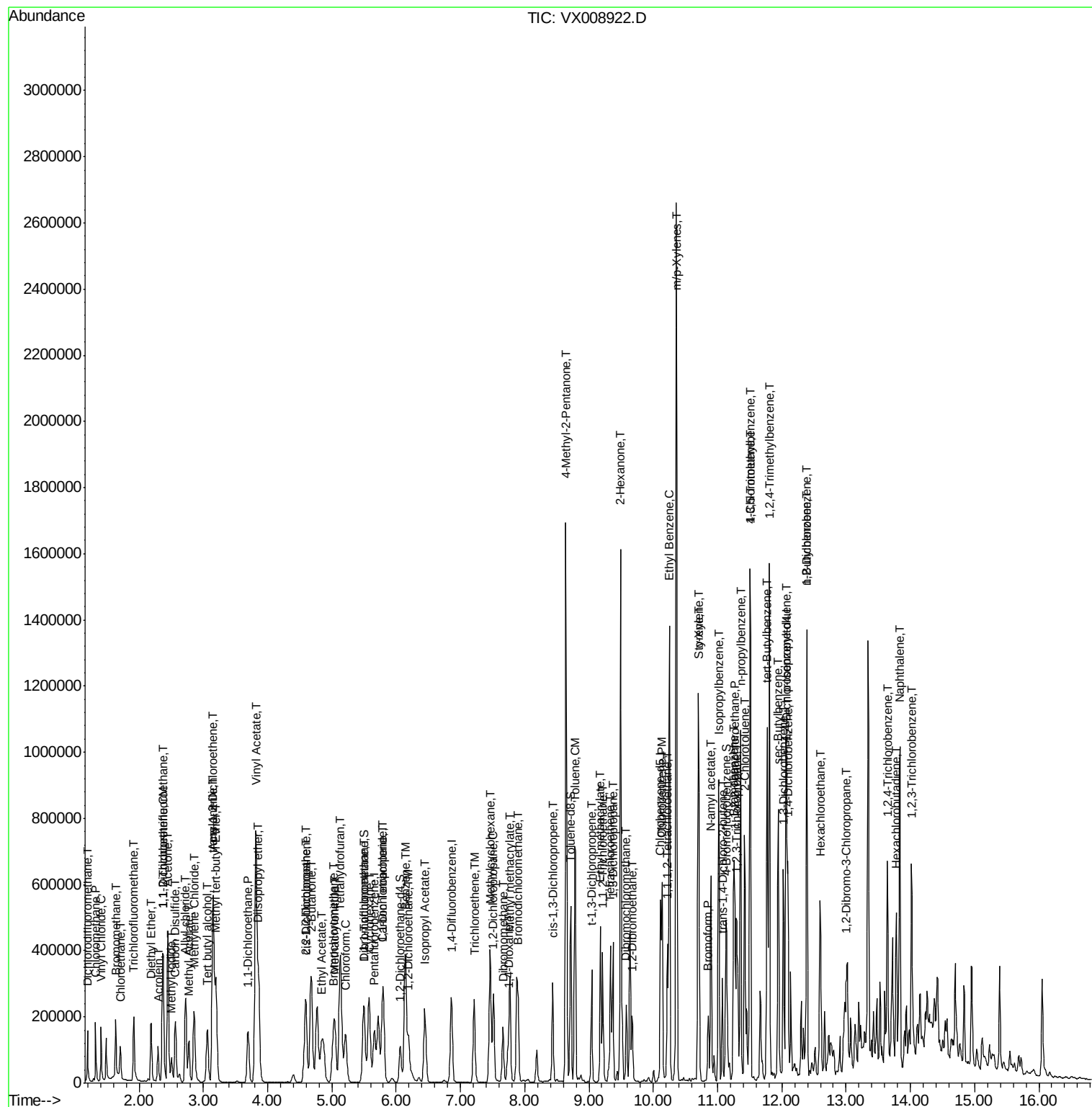
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52075	39.970	ug/l	99
95) Naphthalene	13.83	128	571661	62.962	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129215	47.606	ug/l	99

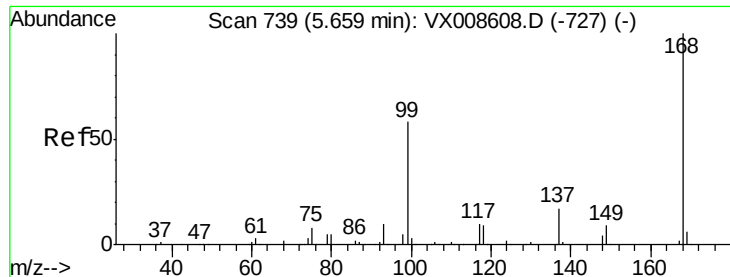
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

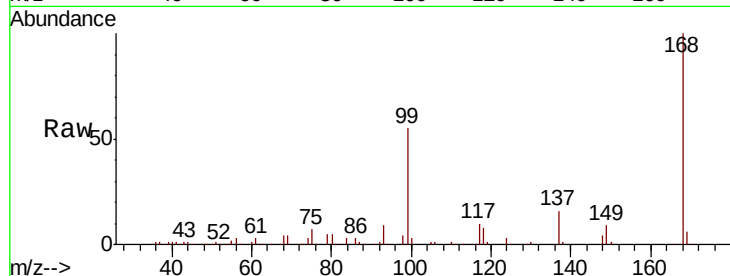
S8-0703MSD

Tot Ion:168 Resp: 155148

Ion Ratio Lower Upper

168 100

99 54.4 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

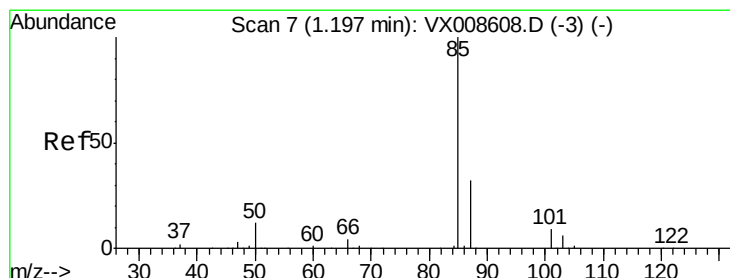
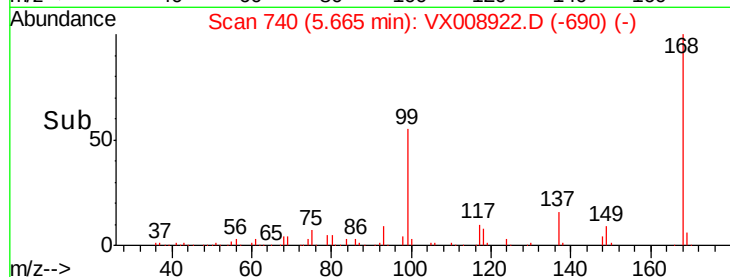
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.119 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008922.D

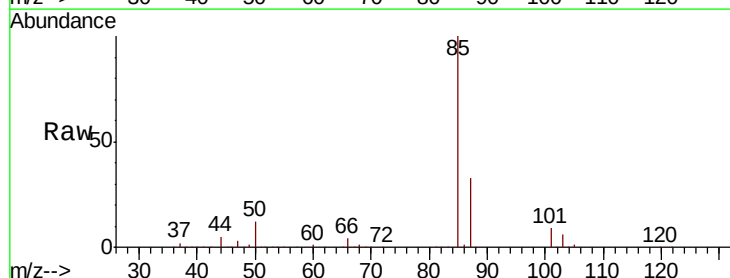
Acq: 13 Apr 2019 05:55

Tgt Ion: 85 Resp: 93078

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

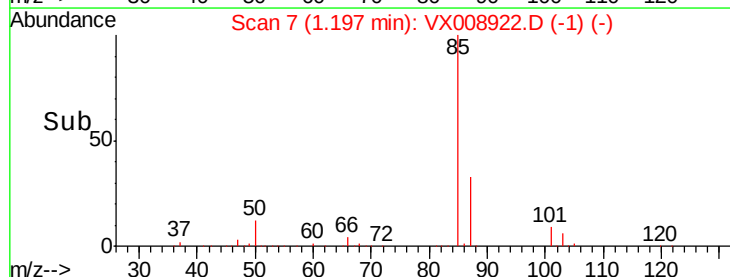
60000

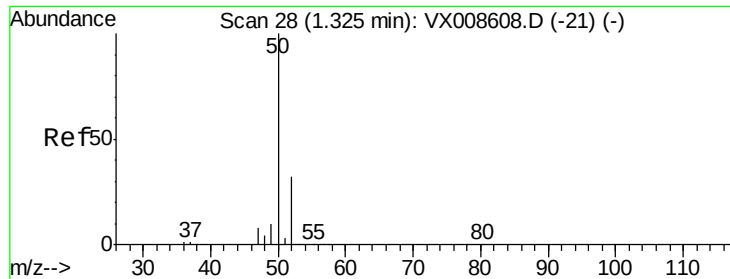
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 54.922 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

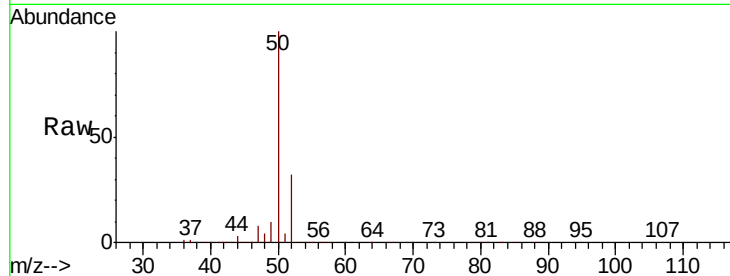
S8-0703MSD

Tot Ion: 50 Resp: 119844

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

120000

100000

80000

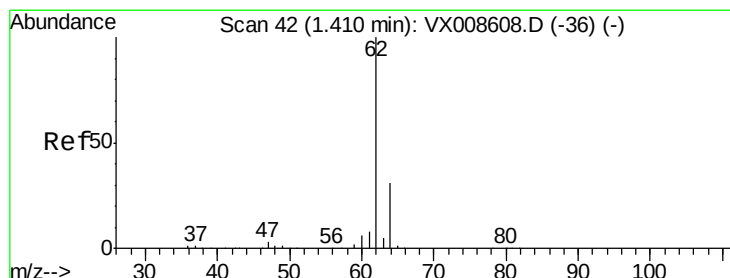
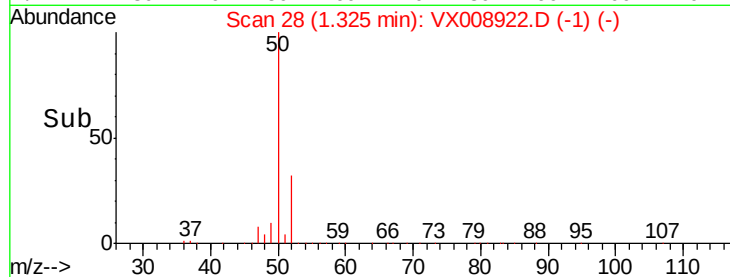
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 47.371 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008922.D

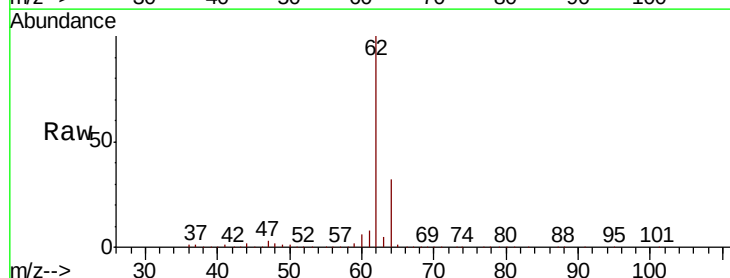
Acq: 13 Apr 2019 05:55

Tgt Ion: 62 Resp: 114363

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

100000

80000

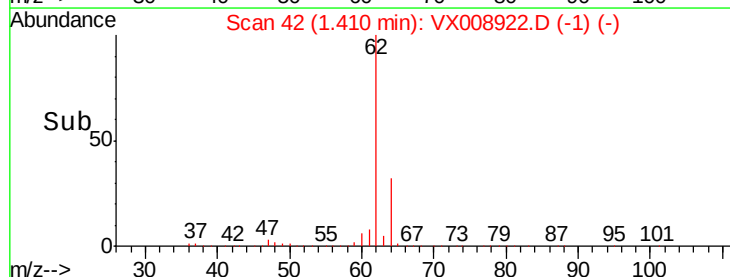
60000

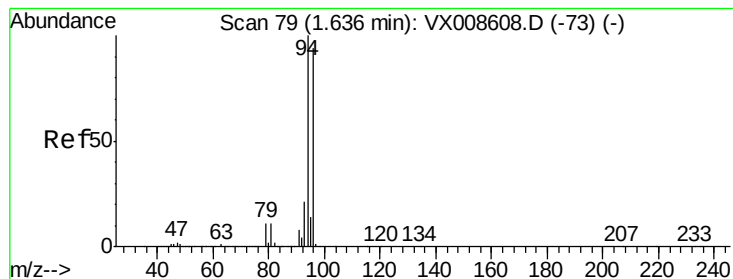
40000

20000

0

Time-->





#5

Bromomethane

Concen: 50.867 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

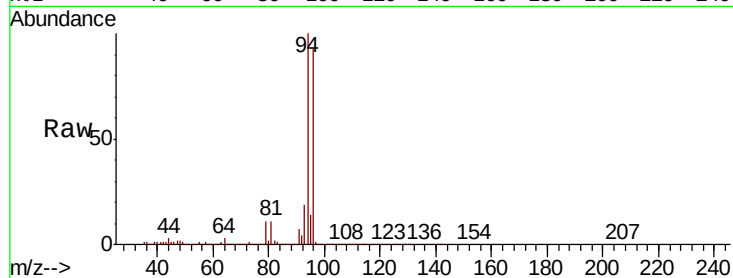
S8-0703MSD

Tot Ion: 94 Resp: 60534

Ion Ratio Lower Upper

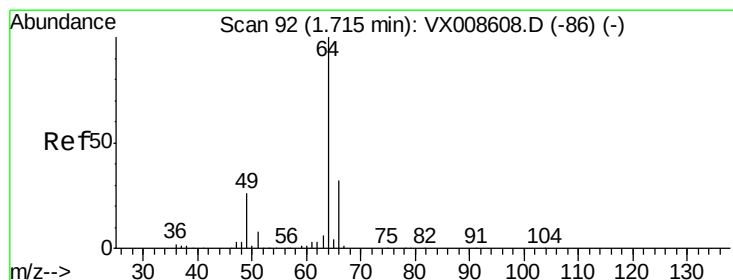
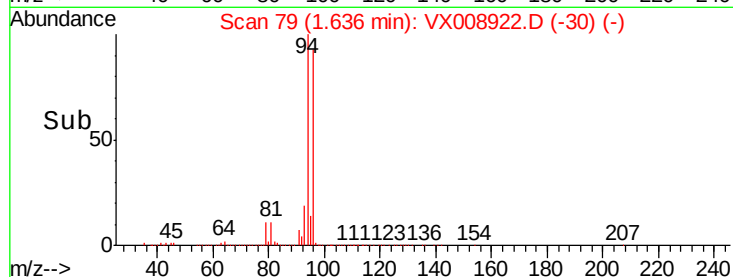
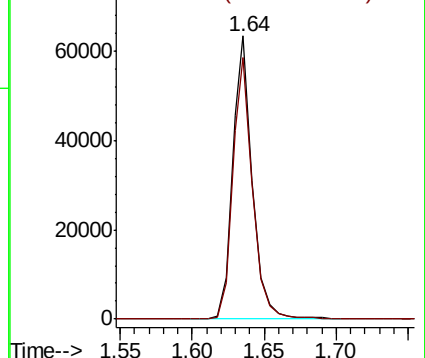
94 100

96 92.6 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.655 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008922.D

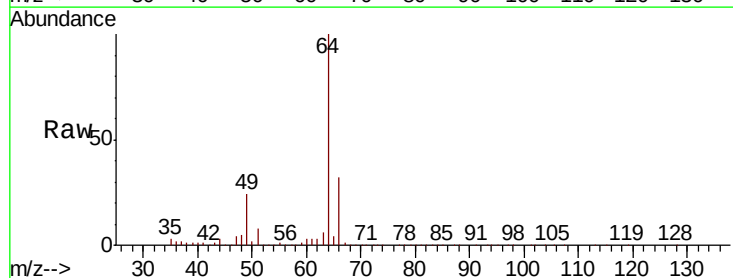
Acq: 13 Apr 2019 05:55

Tgt Ion: 64 Resp: 66734

Ion Ratio Lower Upper

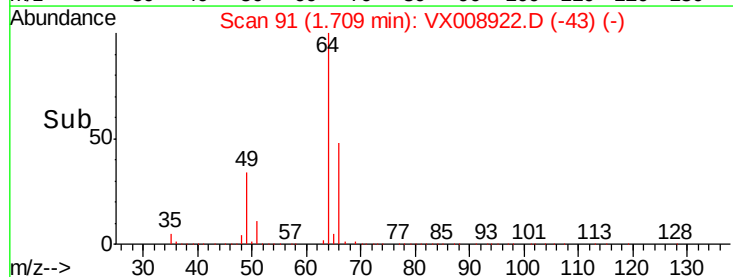
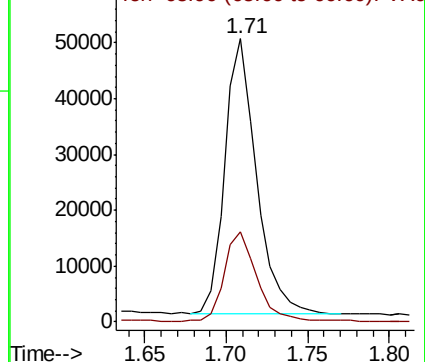
64 100

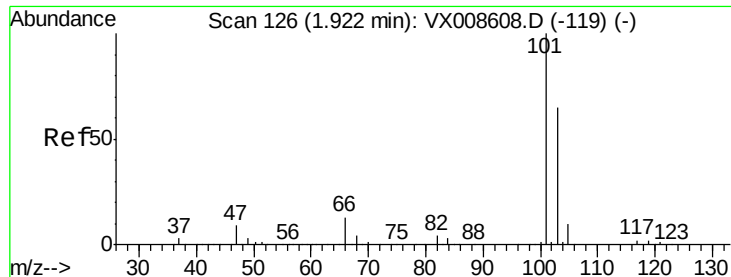
66 32.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



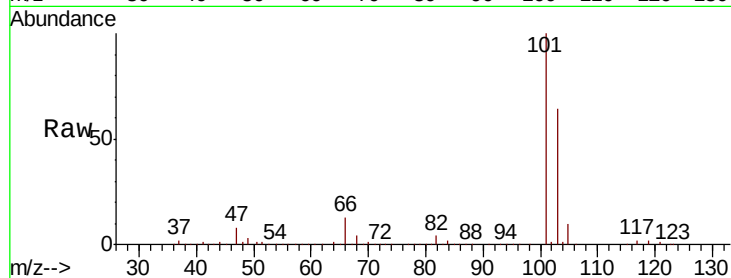


#7

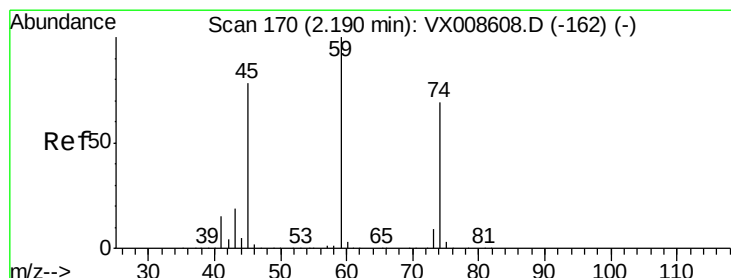
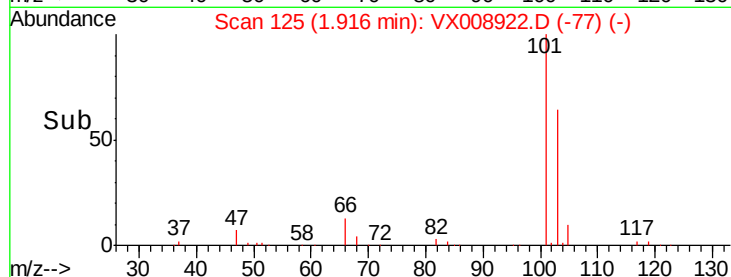
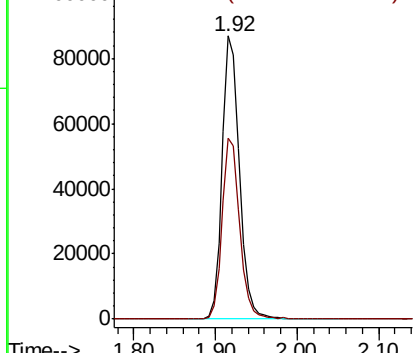
Trichlorofluoromethane
 Concen: 47.847 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
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 ClientSampleId :
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Tot Ion:101 Resp: 127688
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.3 78.5



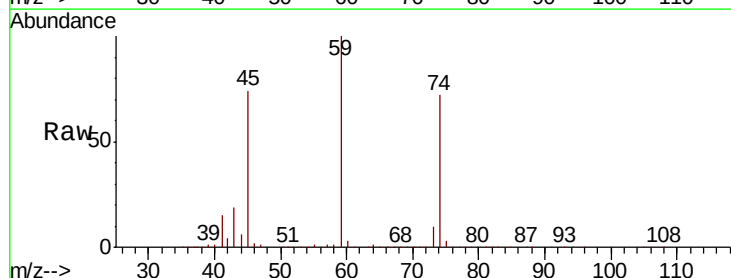
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



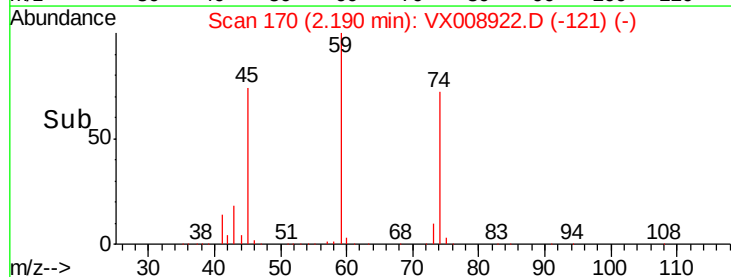
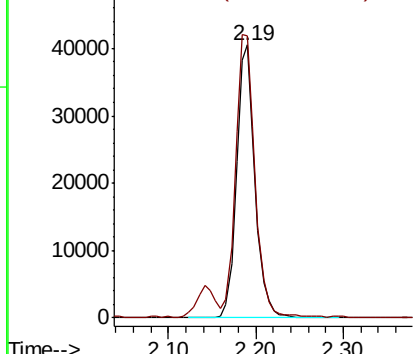
#8

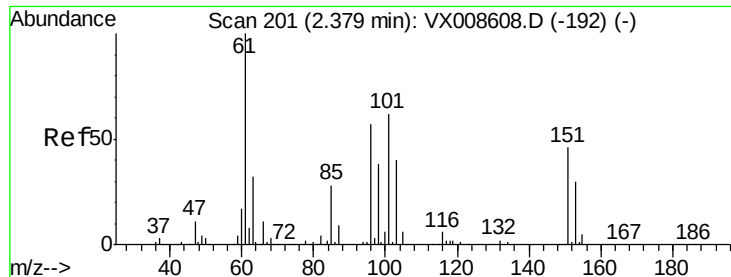
Diethyl Ether
 Concen: 47.298 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 74 Resp: 59858
 Ion Ratio Lower Upper
 74 100
 45 107.5 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.204 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008922.D

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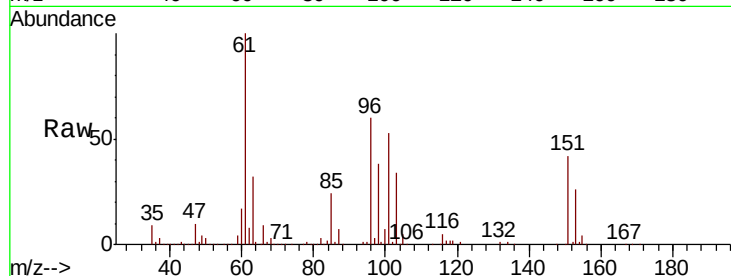
Tot Ion:101 Resp: 74233

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

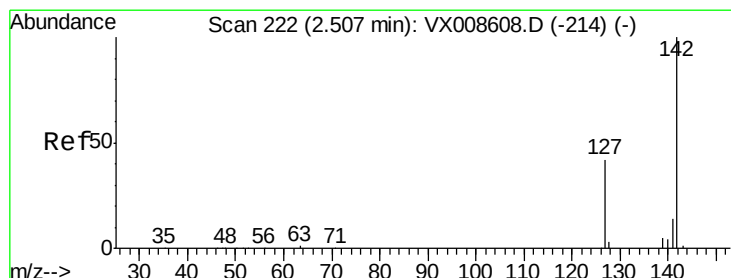
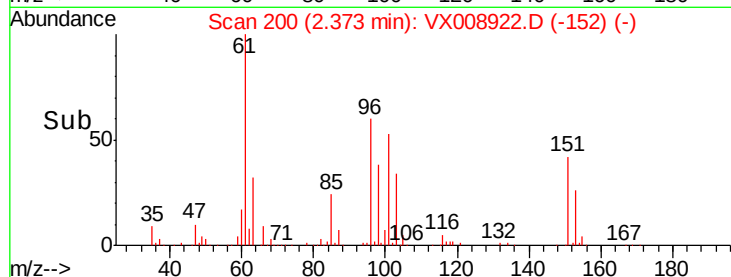
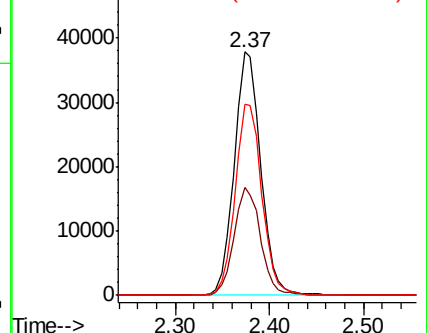
151 79.2 59.9 89.9



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: 52.140 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

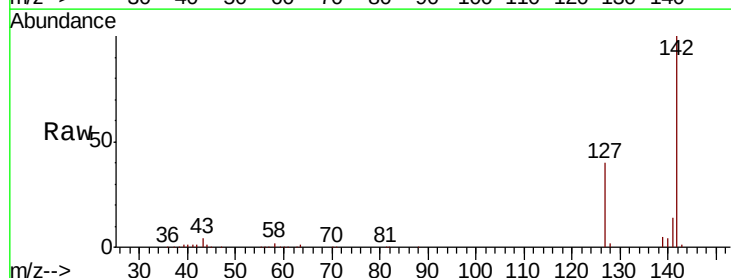
Tgt Ion:142 Resp: 81882

Ion Ratio Lower Upper

142 100

127 41.1 33.0 49.6

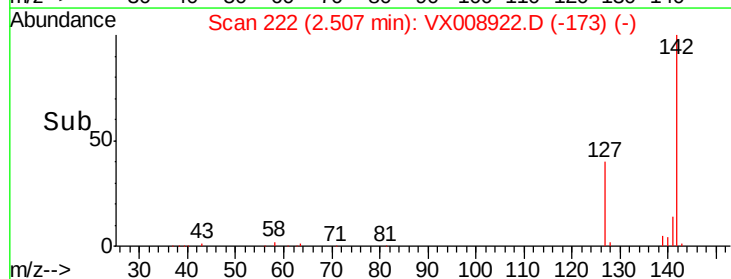
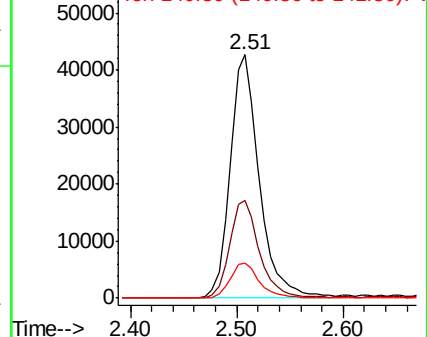
141 14.4 11.4 17.2

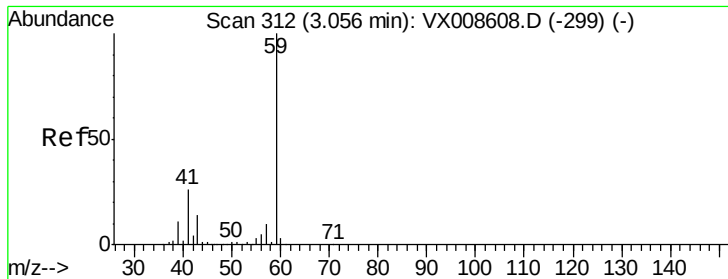


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



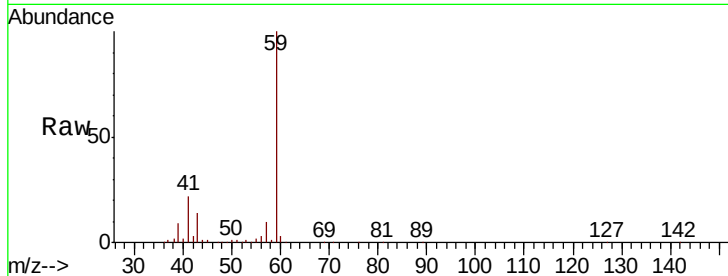


#11

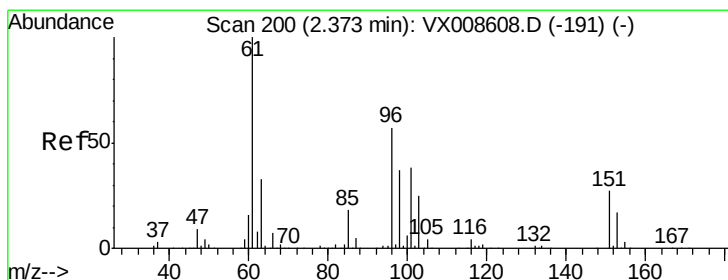
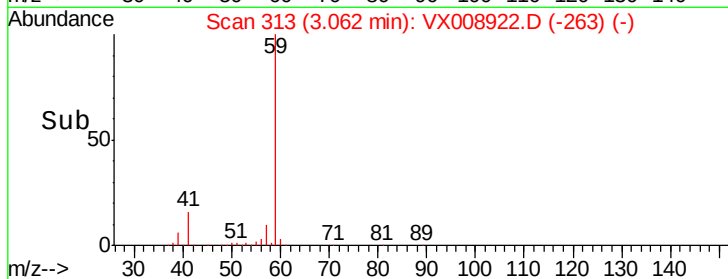
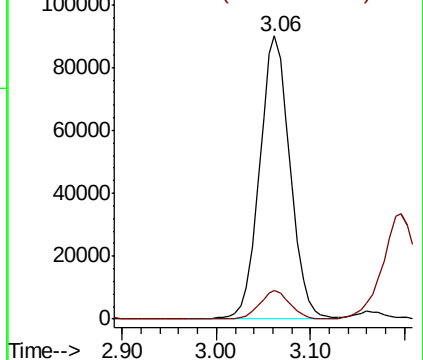
Tert butyl alcohol
 Concen: 386.303 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.01 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tot Ion: 59 Resp: 204655
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.3 12.5



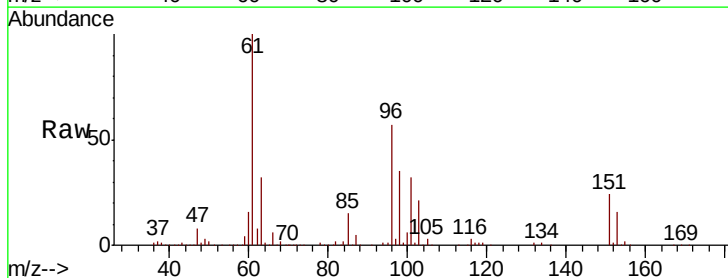
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



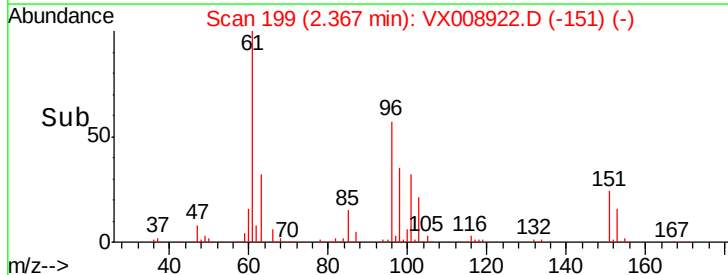
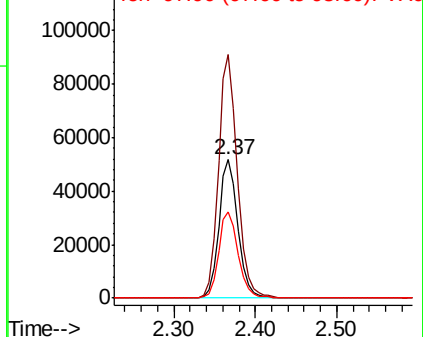
#12

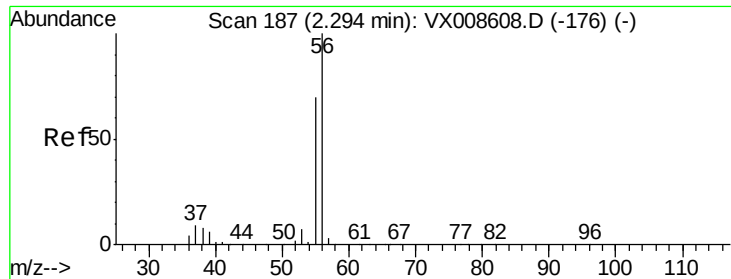
1,1-Dichloroethene
 Concen: 46.703 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 96 Resp: 83769
 Ion Ratio Lower Upper
 96 100
 61 176.3 140.9 211.3
 98 62.0 52.1 78.1



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





#13

Acrolein

Concen: 307.287 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampled :

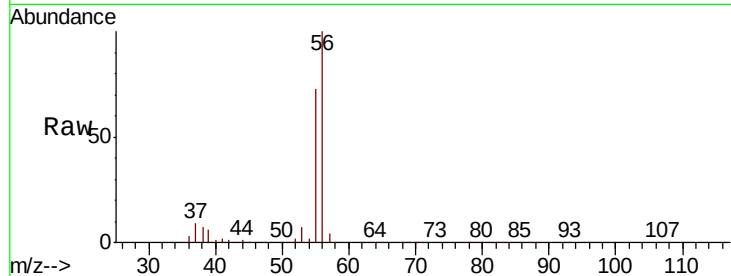
S8-0703MSD

Tot Ion: 56 Resp: 80722

Ion Ratio Lower Upper

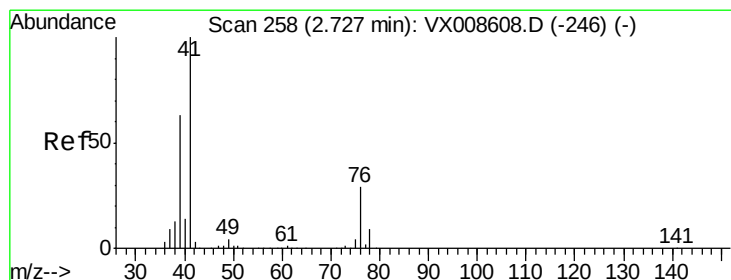
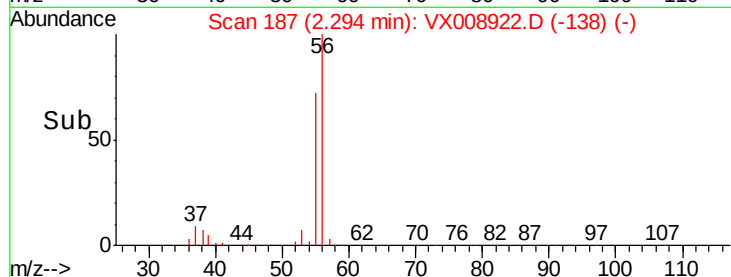
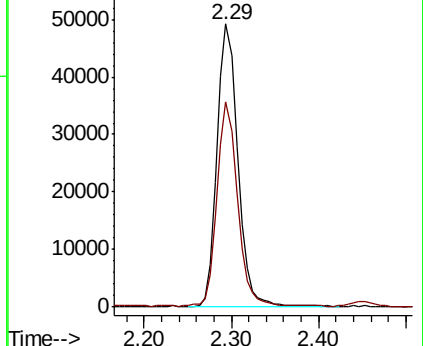
56 100

55 71.7 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.806 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

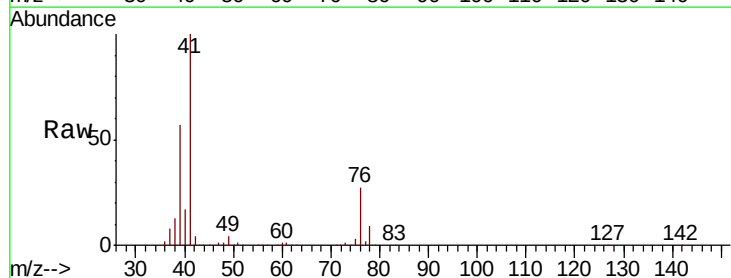
Tgt Ion: 41 Resp: 192190

Ion Ratio Lower Upper

41 100

39 56.2 48.0 72.0

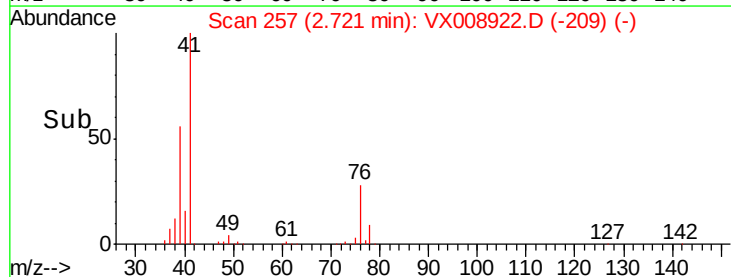
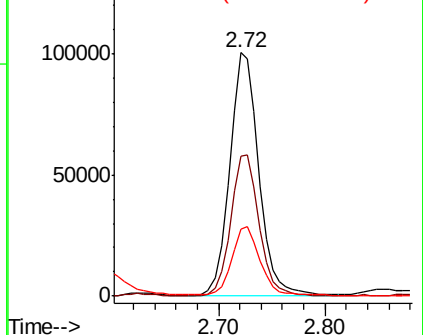
76 27.6 22.0 33.0

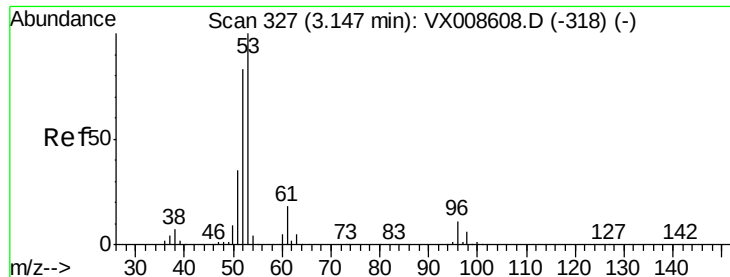


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 271.935 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

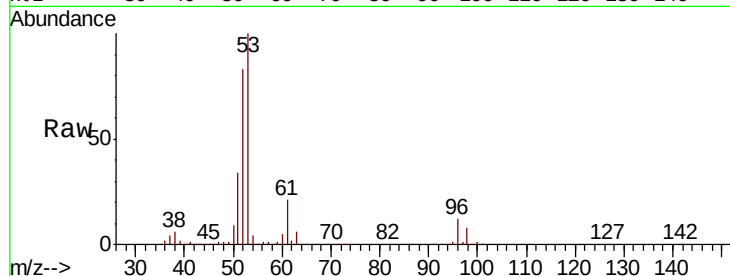
Tot Ion: 53 Resp: 381654

Ion Ratio Lower Upper

53 100

52 83.7 66.5 99.7

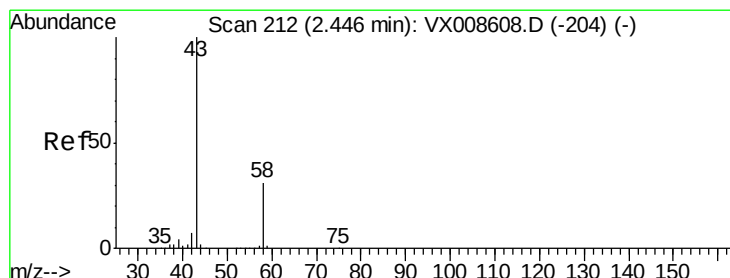
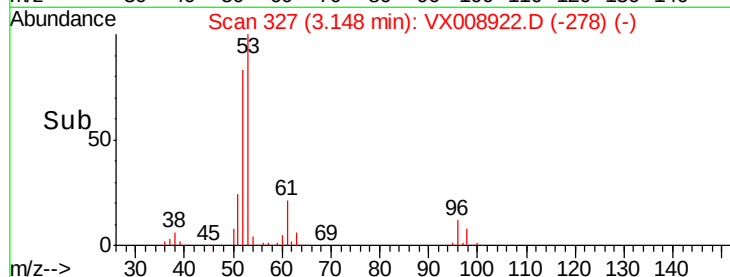
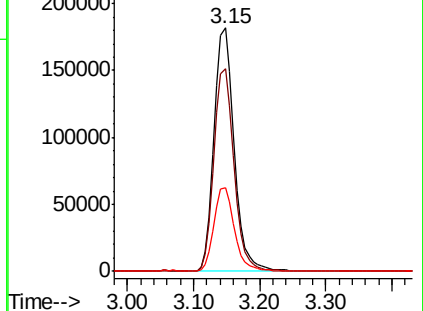
51 35.0 28.6 42.8



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: 395.806 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008922.D

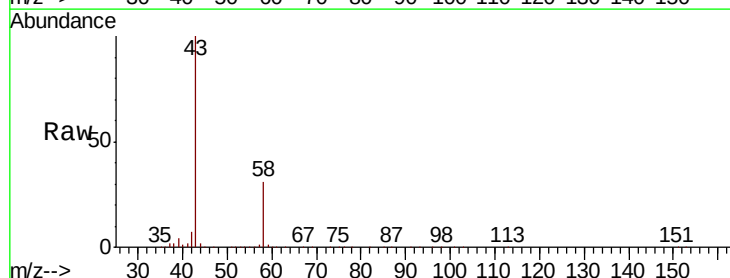
Acq: 13 Apr 2019 05:55

Tgt Ion: 43 Resp: 515885

Ion Ratio Lower Upper

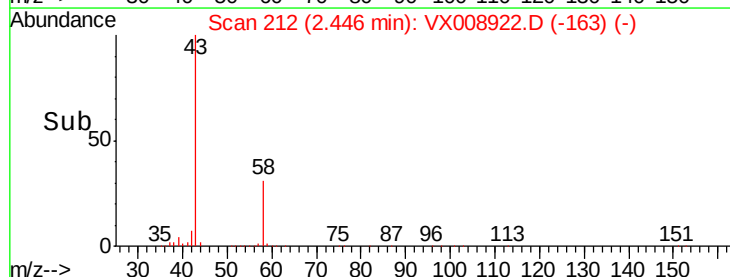
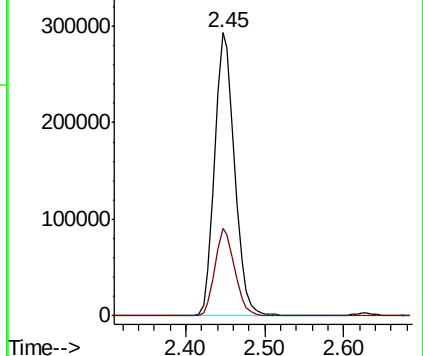
43 100

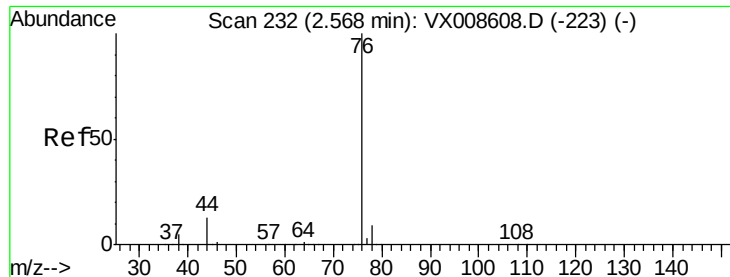
58 30.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.805 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

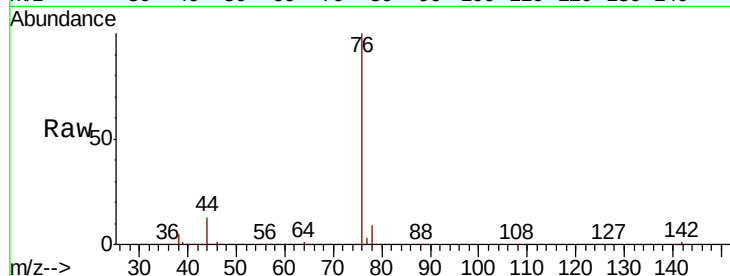
S8-0703MSD

Tot Ion: 76 Resp: 252879

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

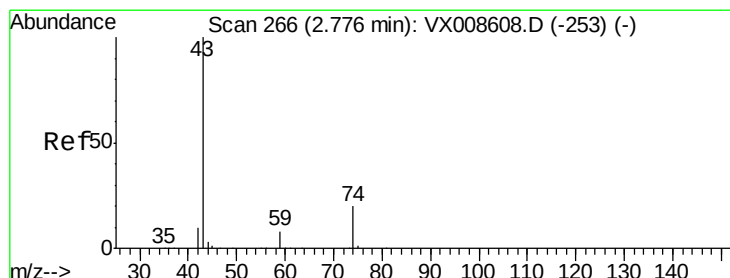
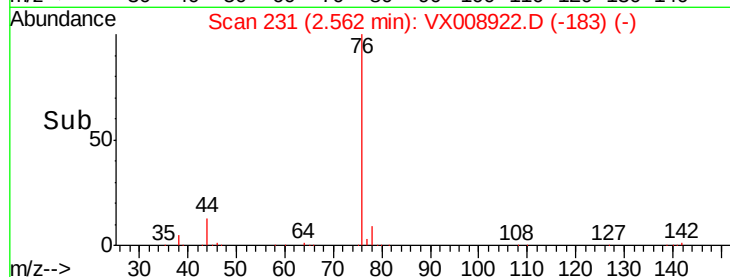
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 48.266 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX008922.D

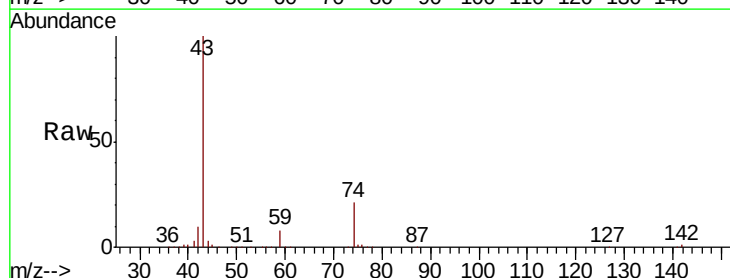
Acq: 13 Apr 2019 05:55

Tgt Ion: 43 Resp: 152573

Ion Ratio Lower Upper

43 100

74 20.8 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

60000

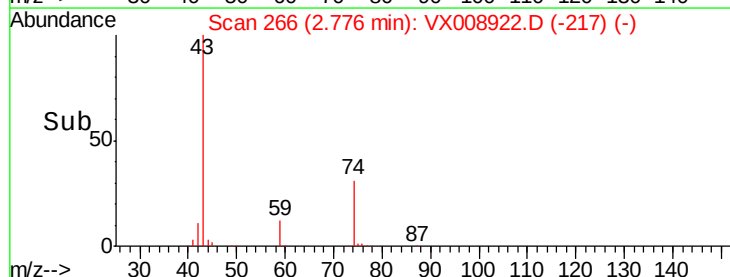
40000

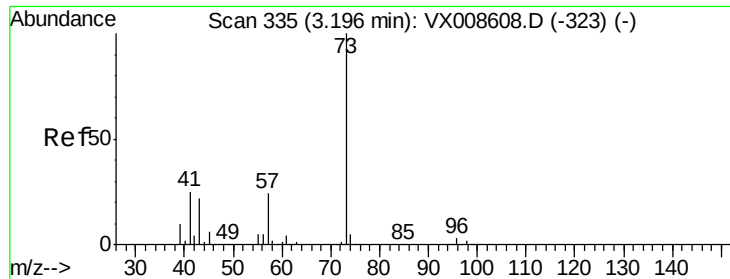
20000

0

Time-->

2.65 2.70 2.75 2.80 2.85

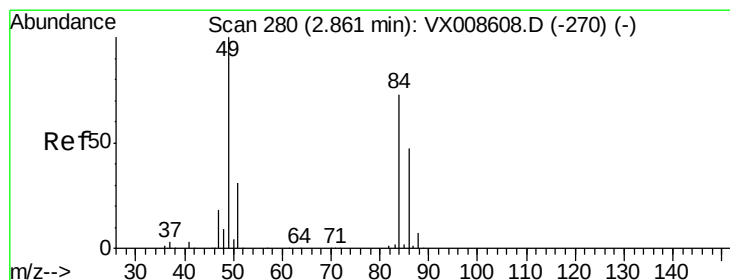
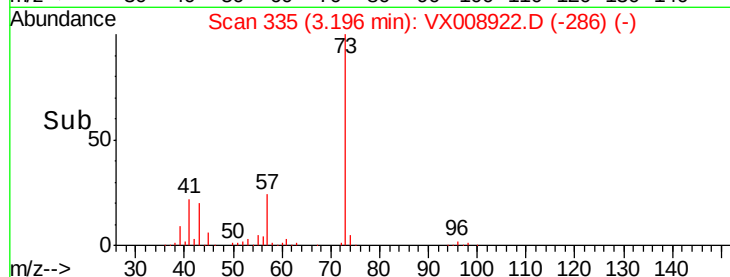
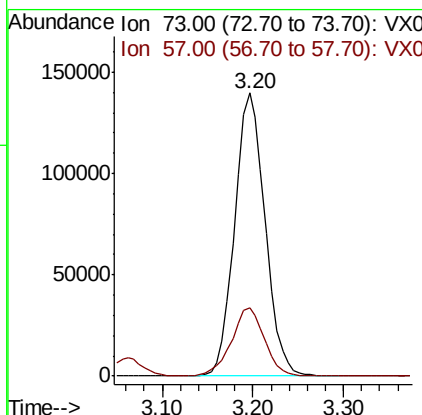
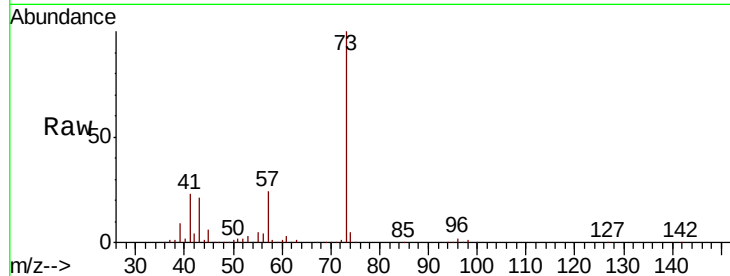




#19
Methyl tert-butyl Ether
Concen: 50.692 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

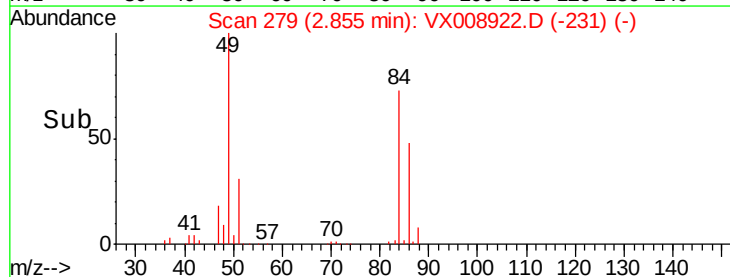
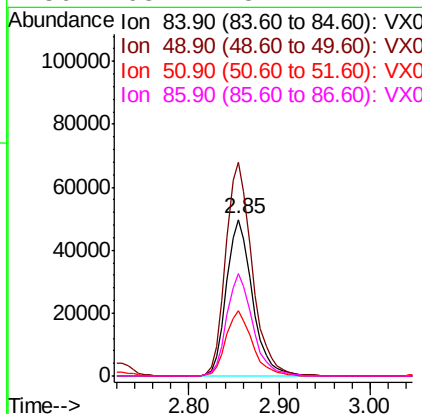
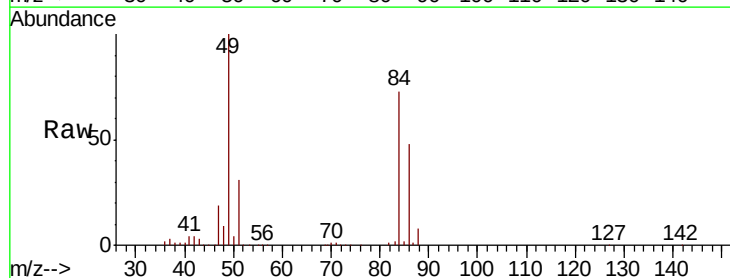
Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

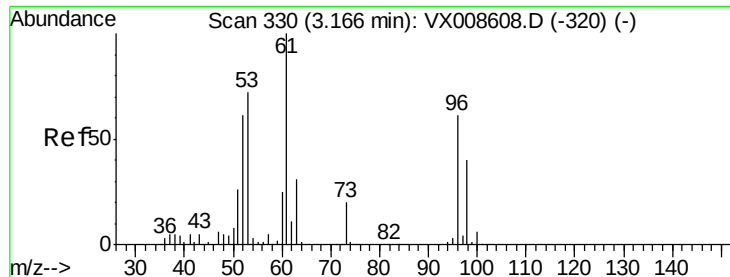
Tot Ion: 73 Resp: 324710
Ion Ratio Lower Upper
73 100
57 24.0 19.5 29.3



#20
Methylene Chloride
Concen: 45.421 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion: 84 Resp: 99095
Ion Ratio Lower Upper
84 100
49 136.6 109.7 164.5
51 41.9 33.6 50.4
86 65.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 46.415 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

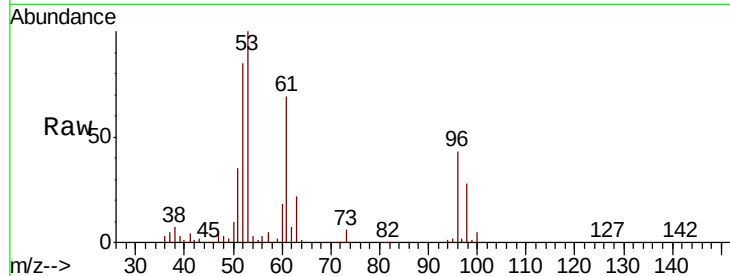
Tot Ion: 96 Resp: 90051

Ion Ratio Lower Upper

96 100

61 158.6 132.1 198.1

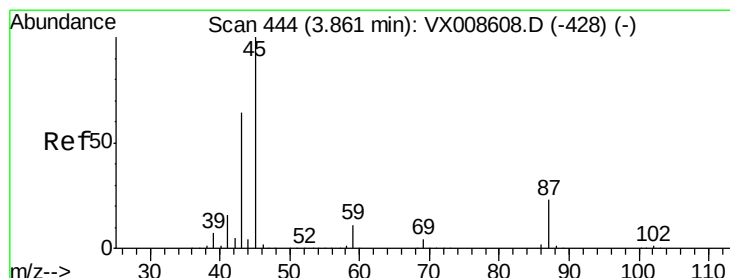
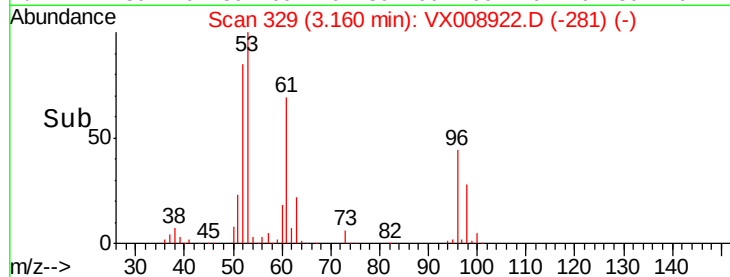
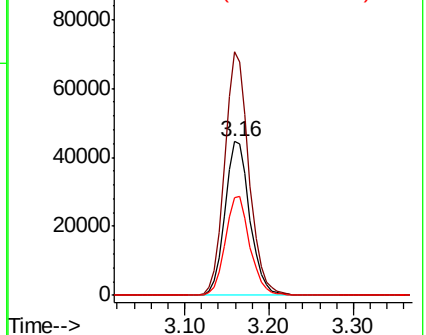
98 63.6 52.2 78.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.681 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Tgt Ion: 45 Resp: 377354

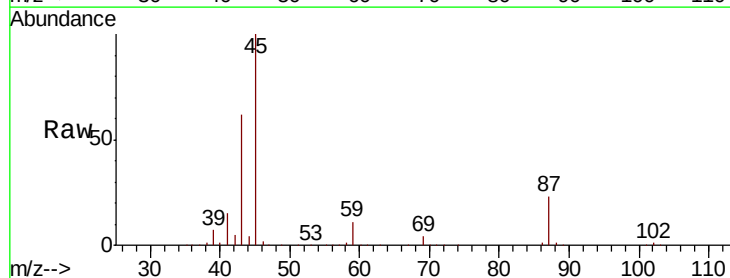
Ion Ratio Lower Upper

45 100

43 61.8 51.3 76.9

87 23.2 18.1 27.1

59 11.0 8.6 13.0

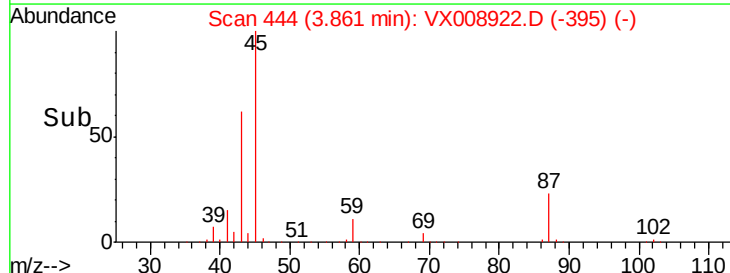
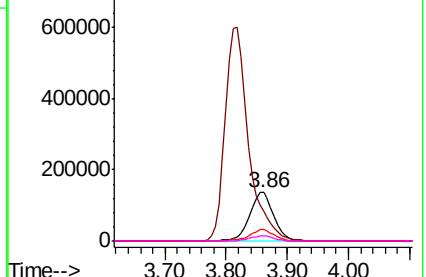


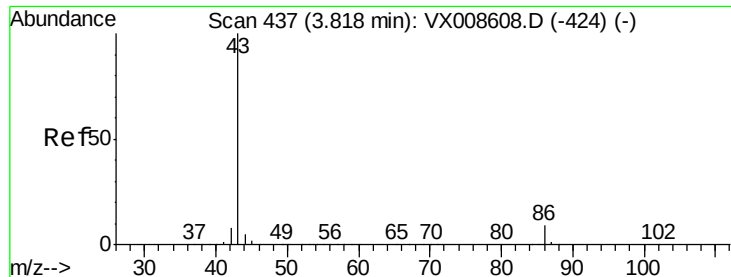
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 230.410 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

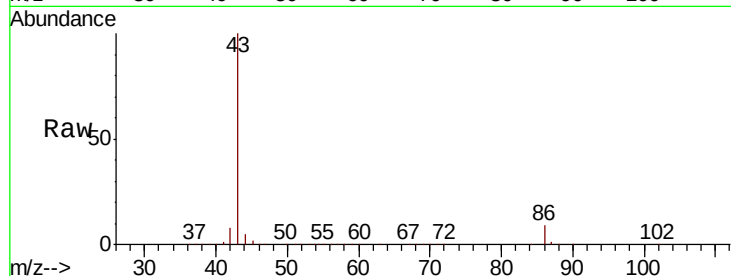
S8-0703MSD

Tot Ion: 43 Resp: 1586326

Ion Ratio Lower Upper

43 100

86 8.8 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

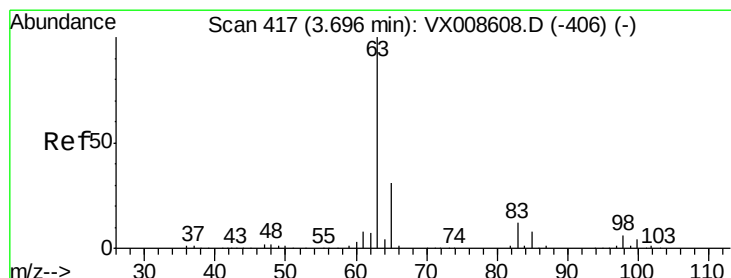
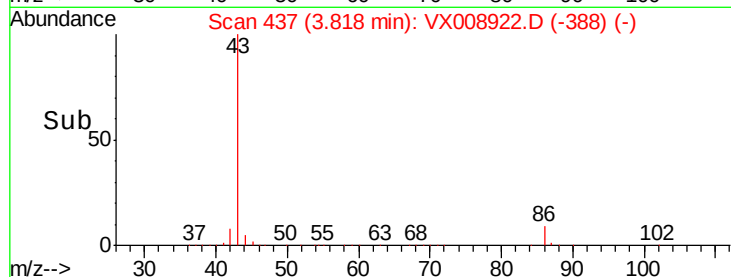
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.489 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

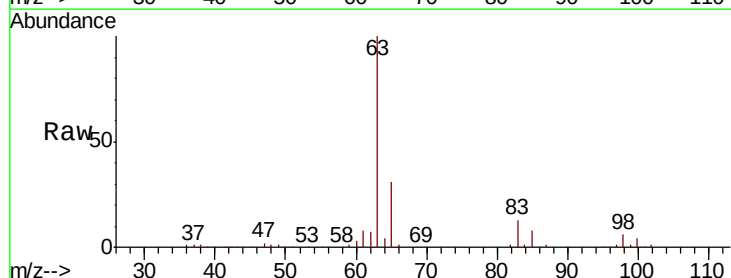
Tgt Ion: 63 Resp: 186081

Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

100 4.3 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

100000

80000

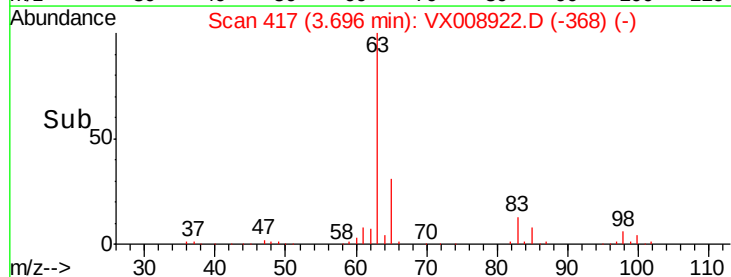
60000

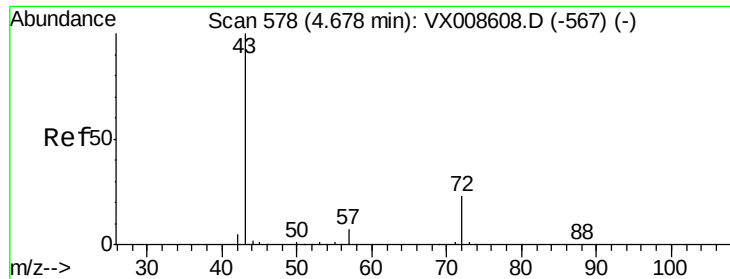
40000

20000

0

Time-->





#25

2-Butanone

Concen: 293.765 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

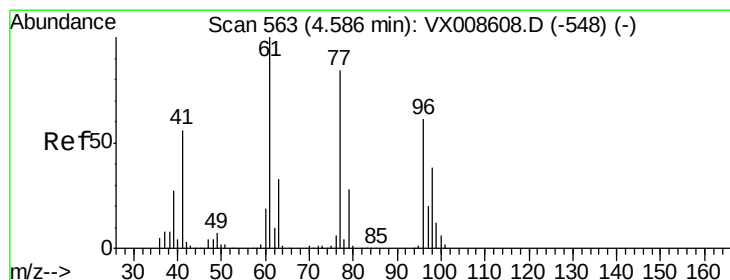
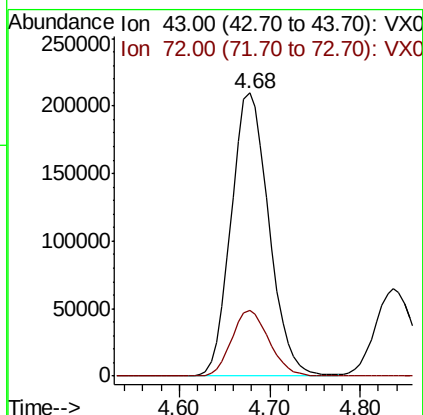
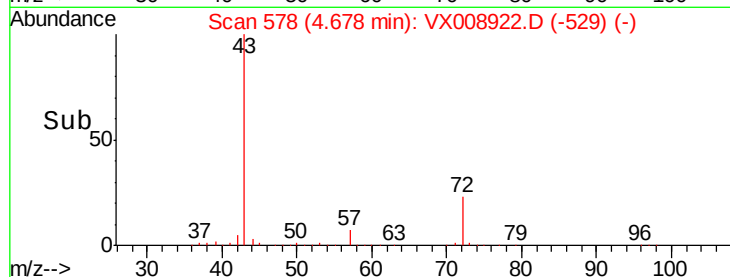
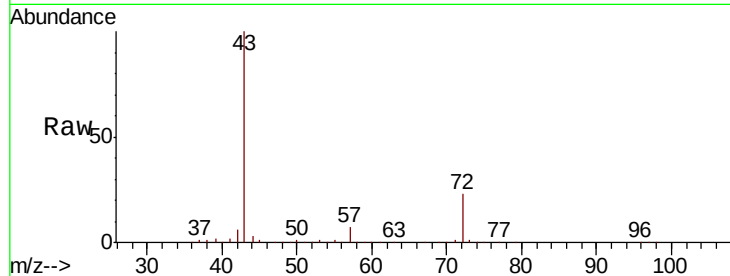
S8-0703MSD

Tot Ion: 43 Resp: 605163

Ion Ratio Lower Upper

43 100

72 23.1 18.2 27.4



#26

2,2-Dichloropropane

Concen: 28.739 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008922.D

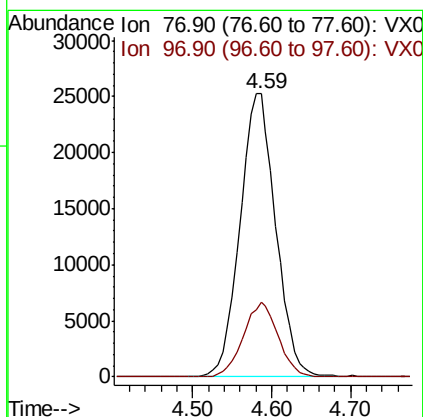
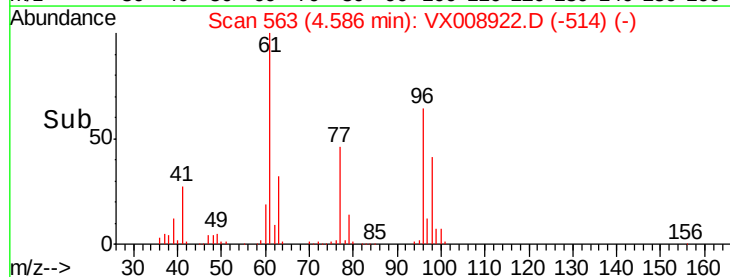
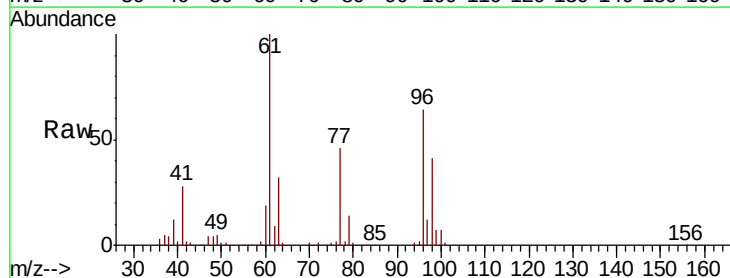
Acq: 13 Apr 2019 05:55

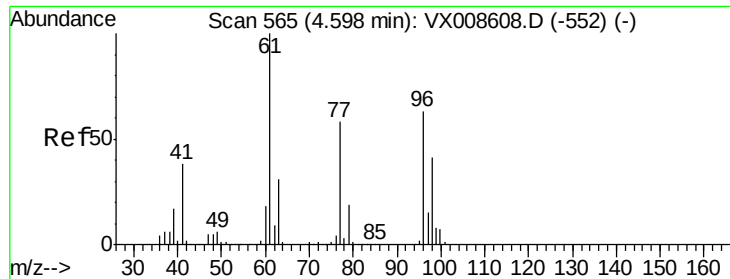
Tgt Ion: 77 Resp: 79313

Ion Ratio Lower Upper

77 100

97 25.7 11.5 34.5



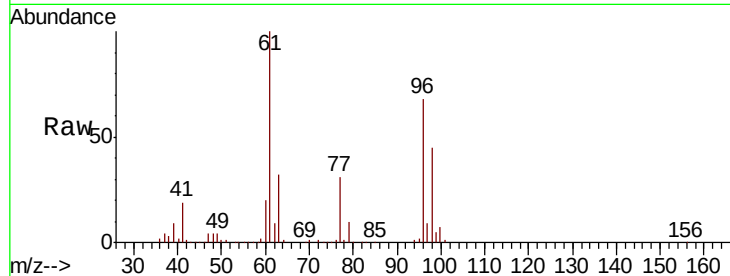


#27

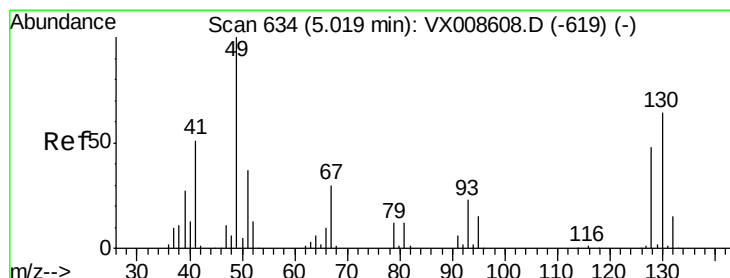
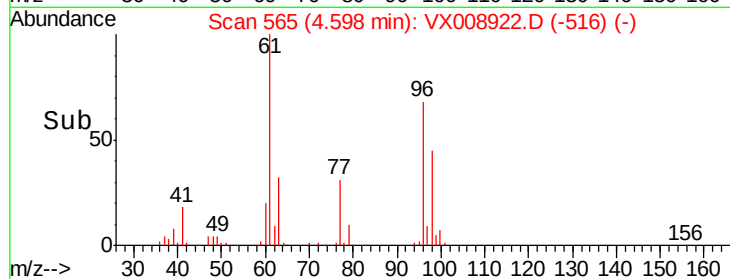
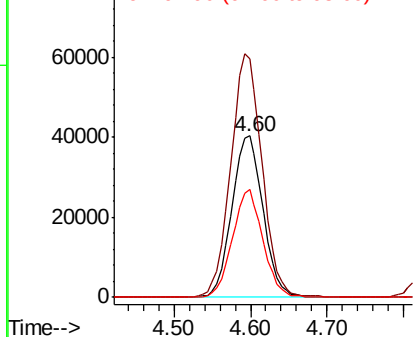
cis-1,2-Dichloroethene
 Concen: 50.926 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tot Ion: 96 Resp: 113595
 Ion Ratio Lower Upper
 96 100
 61 152.0 0.0 327.6
 98 65.3 0.0 128.6



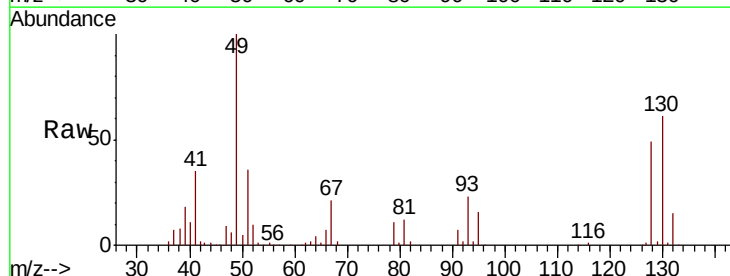
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



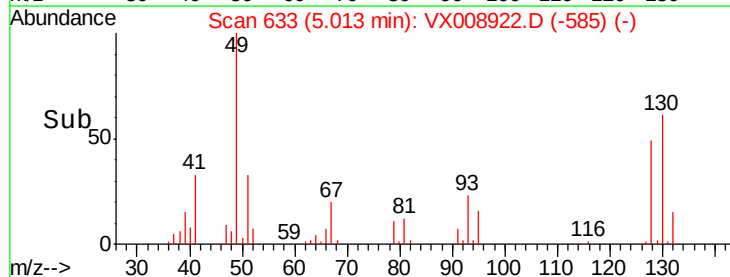
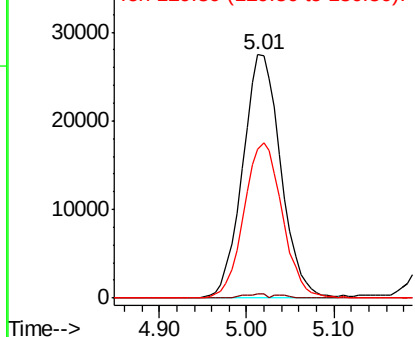
#28

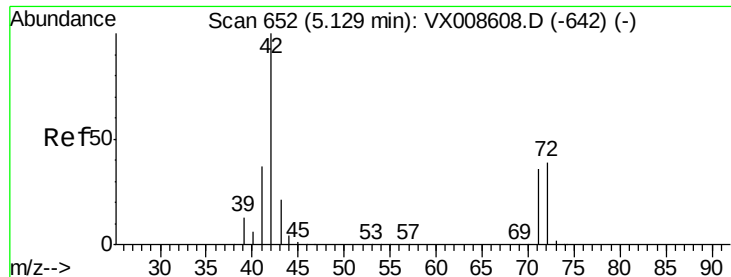
Bromochloromethane
 Concen: 51.023 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 49 Resp: 83413
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.6
 130 64.0 49.3 73.9



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: 287.077 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

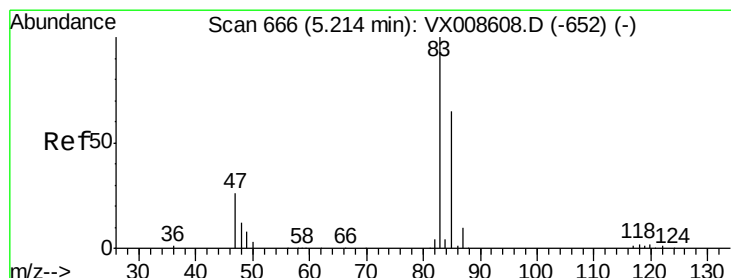
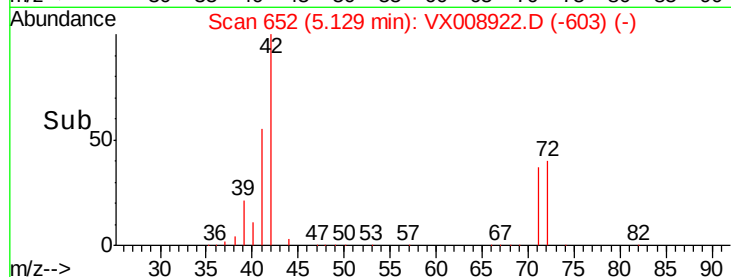
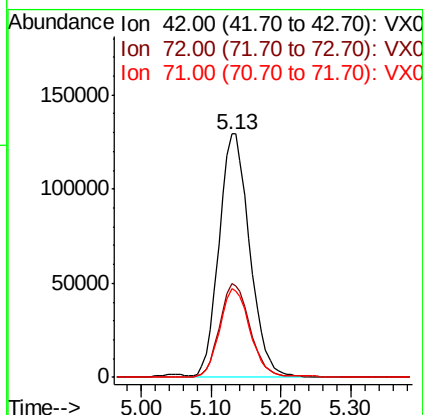
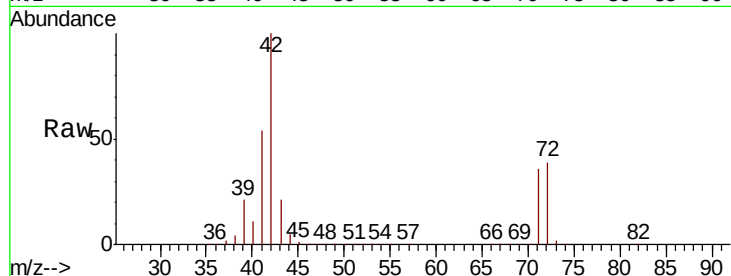
Tot Ion: 42 Resp: 392517

Ion Ratio Lower Upper

42 100

72 38.5 30.5 45.7

71 36.1 28.6 43.0



#30

Chloroform

Concen: 48.474 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008922.D

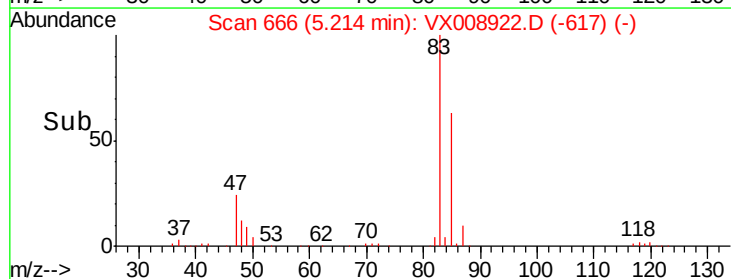
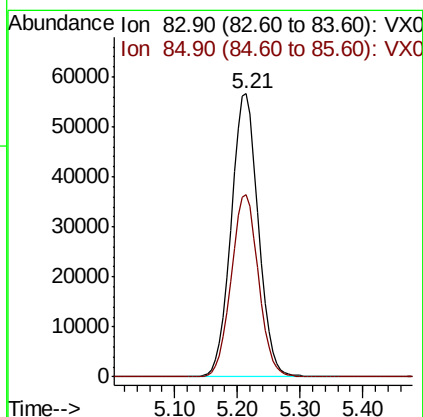
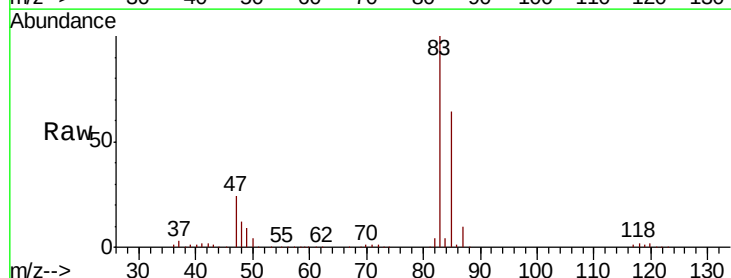
Acq: 13 Apr 2019 05:55

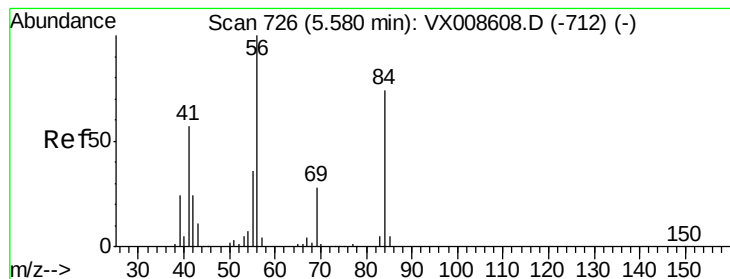
Tgt Ion: 83 Resp: 169646

Ion Ratio Lower Upper

83 100

85 64.4 52.1 78.1





#31

Cyclohexane

Concen: 48.984 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

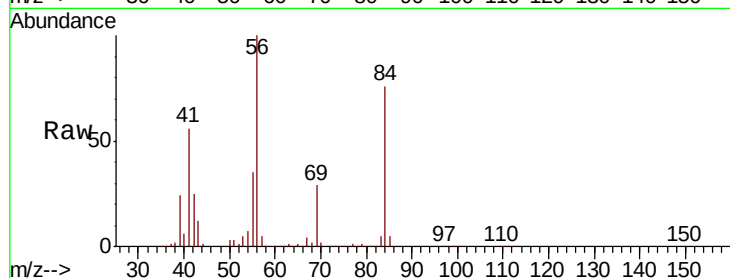
Tot Ion: 56 Resp: 191519

Ion Ratio Lower Upper

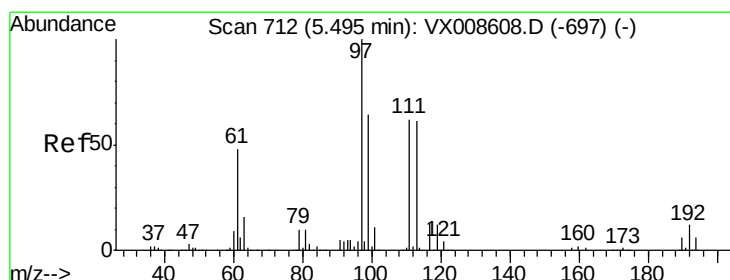
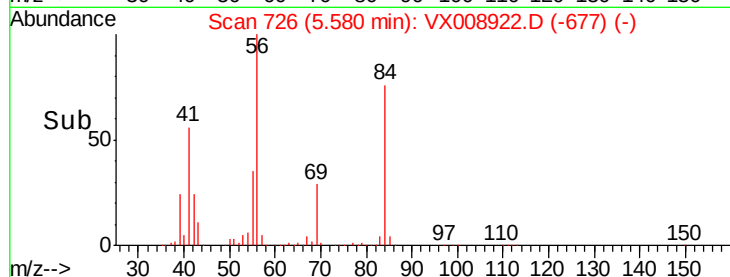
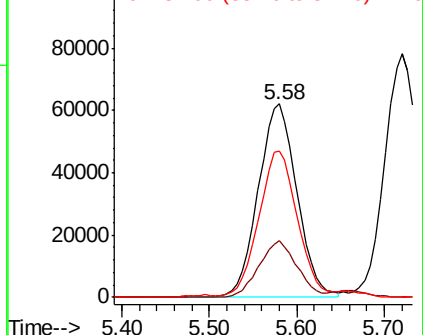
56 100

69 29.2 22.6 33.8

84 75.2 59.3 88.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.912 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

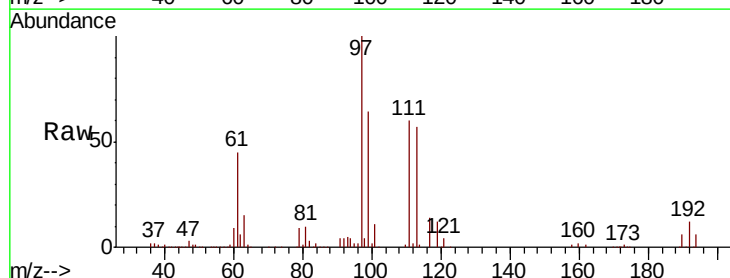
Tgt Ion: 97 Resp: 141158

Ion Ratio Lower Upper

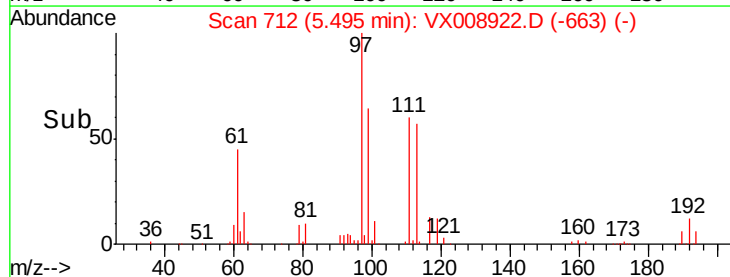
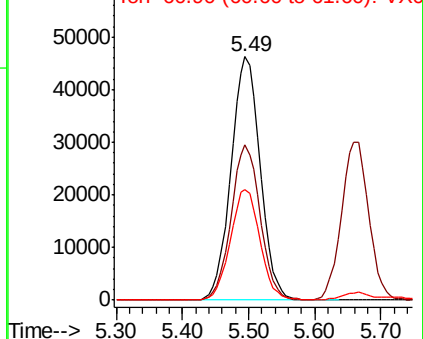
97 100

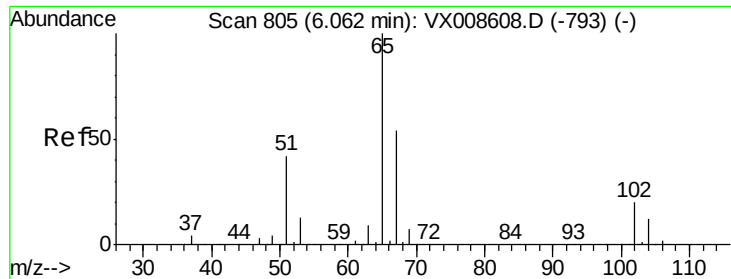
99 63.5 51.3 76.9

61 46.2 38.9 58.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

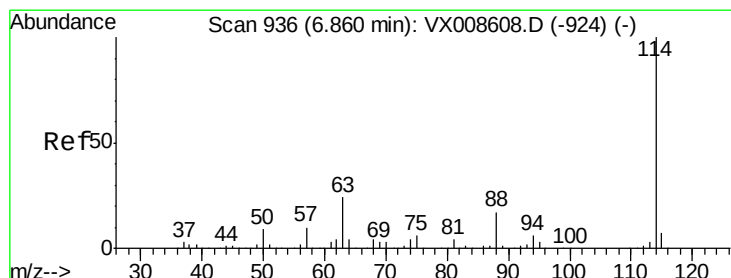
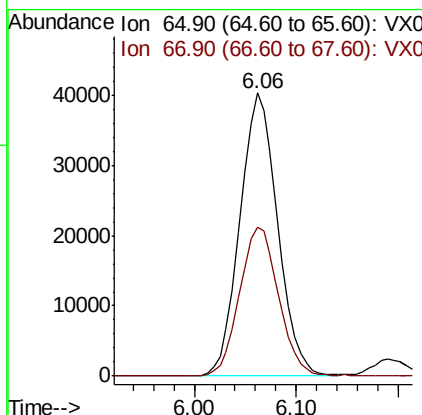
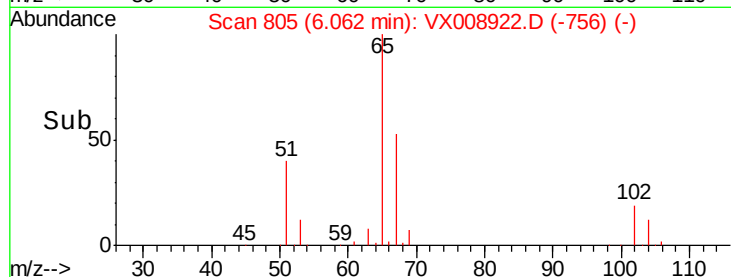
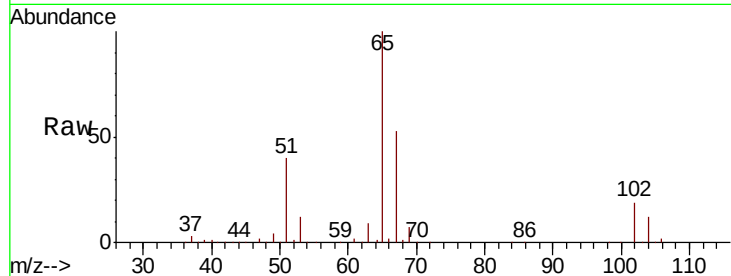




#33
 1,2-Dichloroethane-d4
 Concen: 45.702 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

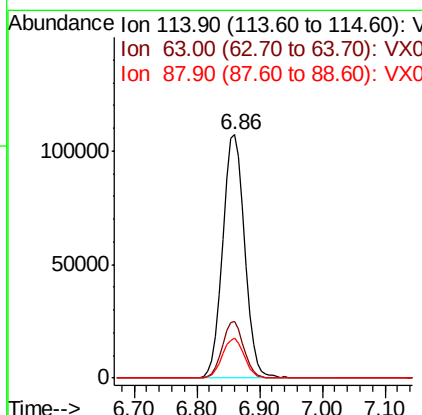
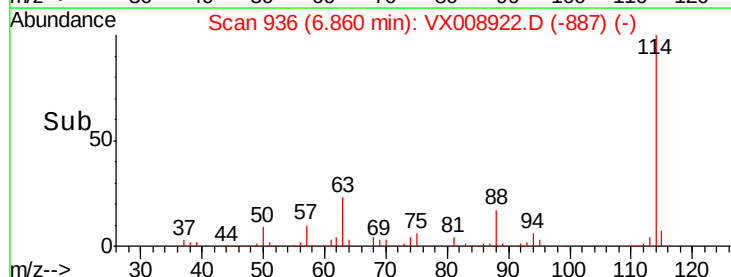
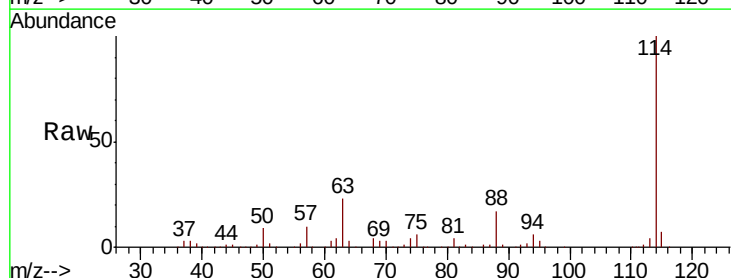
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

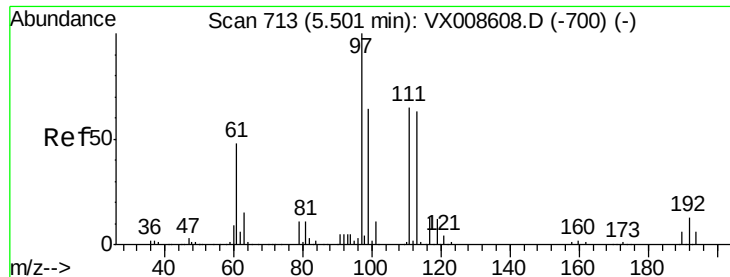
Tot Ion: 65 Resp: 103421
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 114 Resp: 260481
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 47.2
 88 16.7 0.0 34.0

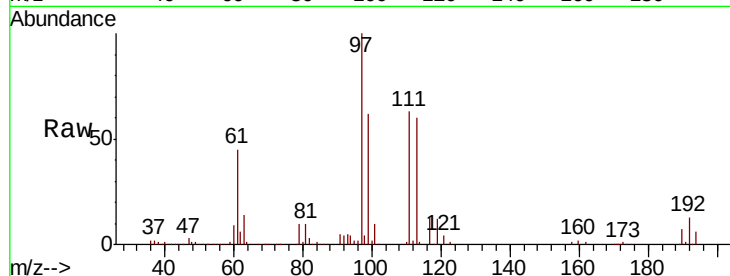




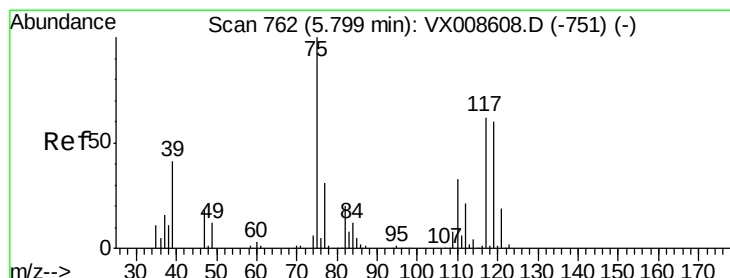
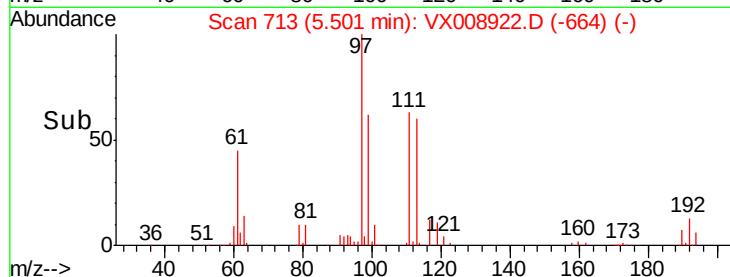
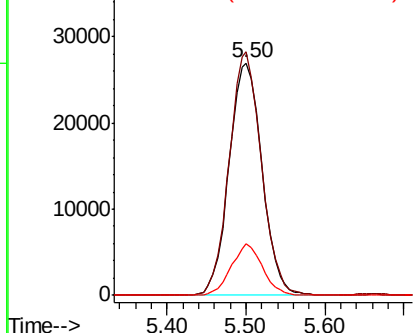
#35
 Dibromofluoromethane
 Concen: 47.078 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.4	125.2
192	21.1	16.1	24.1

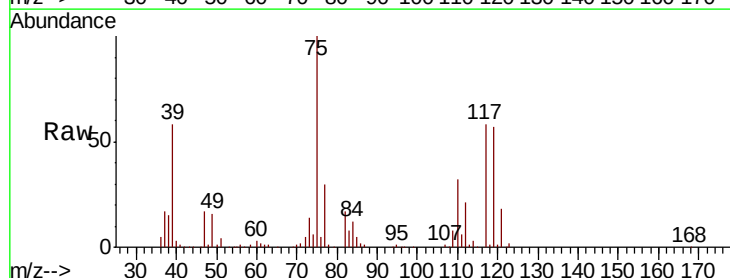


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

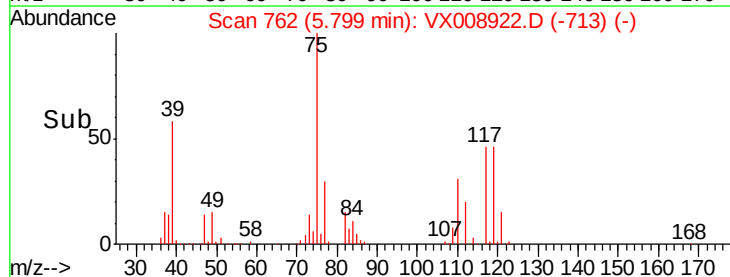
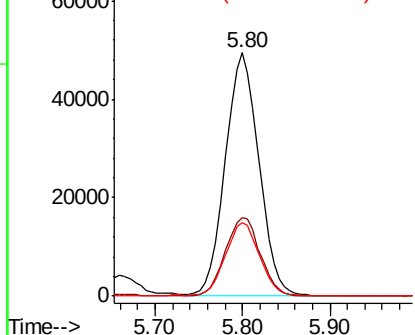


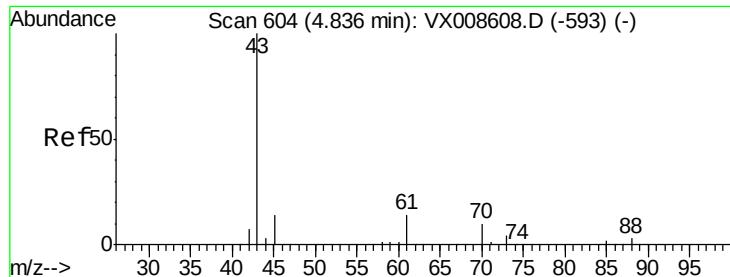
#36
 1,1-Dichloropropene
 Concen: 46.197 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.4	49.2
77	30.7	24.7	37.1



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: 50.565 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampled :

S8-0703MSD

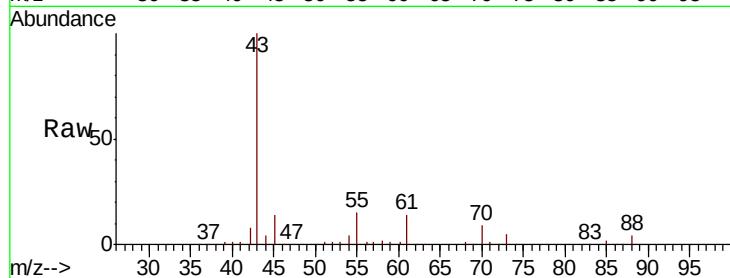
Tot Ion: 43 Resp: 192177

Ion Ratio Lower Upper

43 100

61 12.8 10.3 15.5

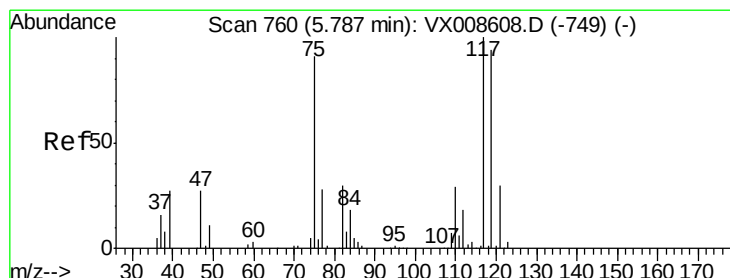
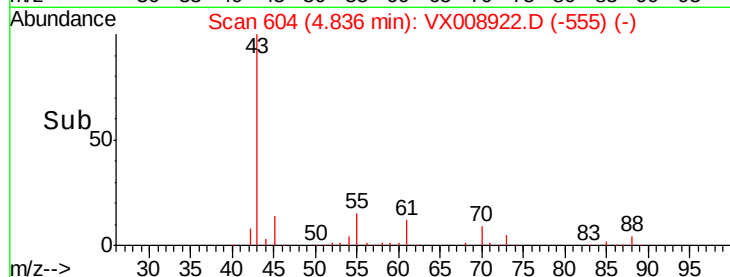
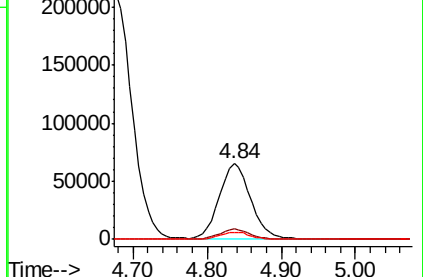
70 9.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX008608.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008608.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008608.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 49.234 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

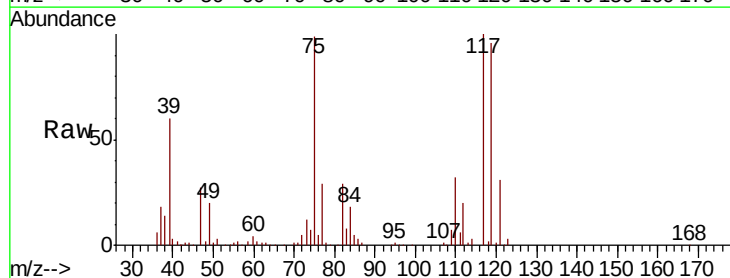
Tgt Ion: 117 Resp: 116025

Ion Ratio Lower Upper

117 100

119 95.9 75.0 112.6

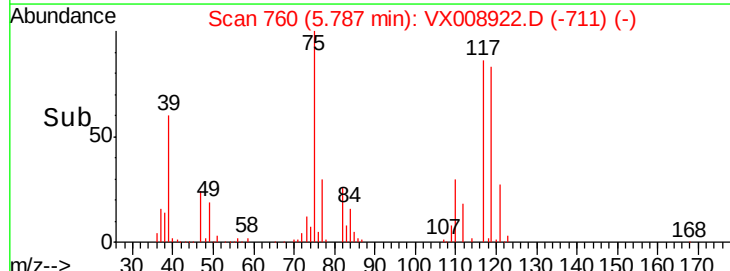
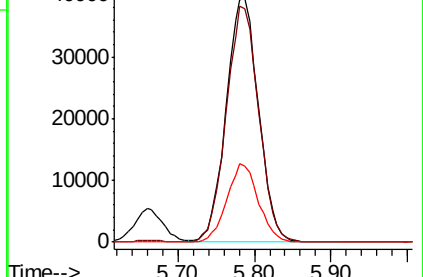
121 31.1 24.3 36.5

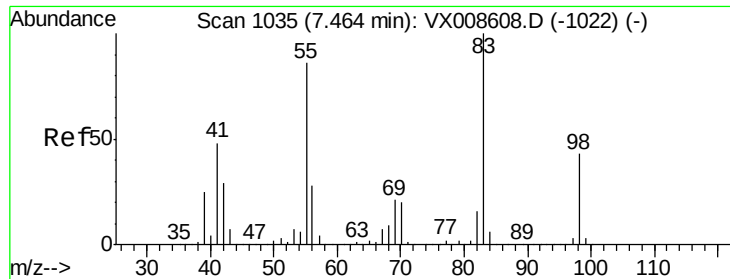


Abundance Ion 116.80 (116.50 to 117.50): VX008608.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008608.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008608.D (-749) (-)

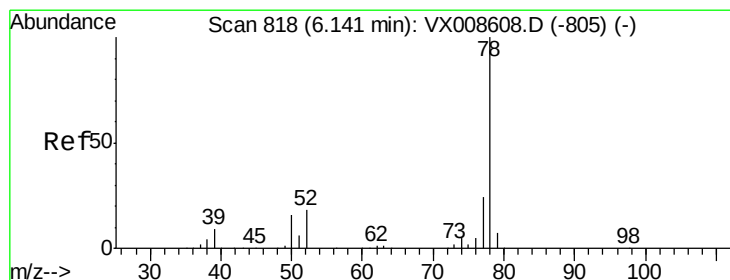
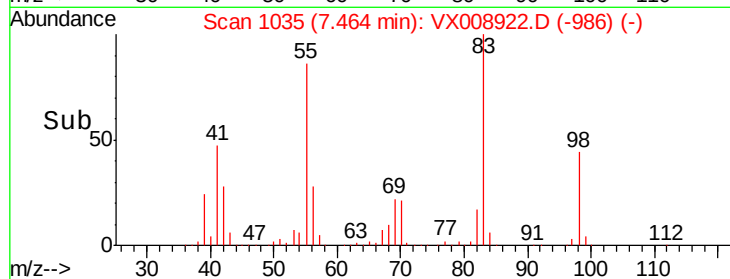
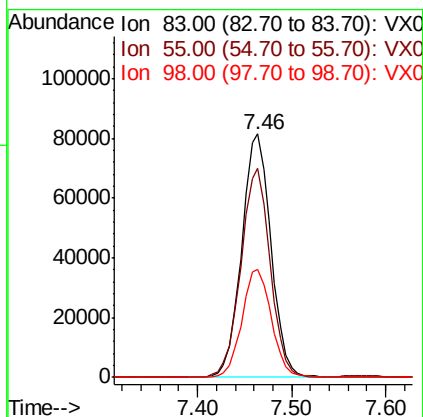
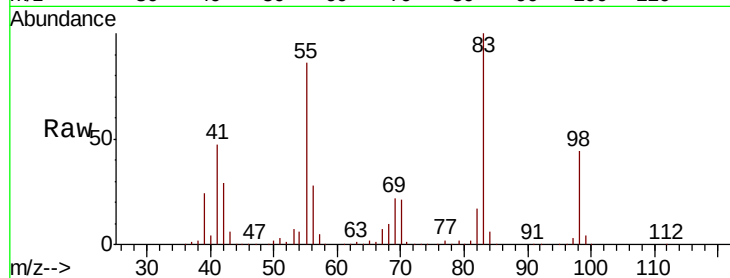




#39
Methylvlcyclohexane
Concen: 50.435 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

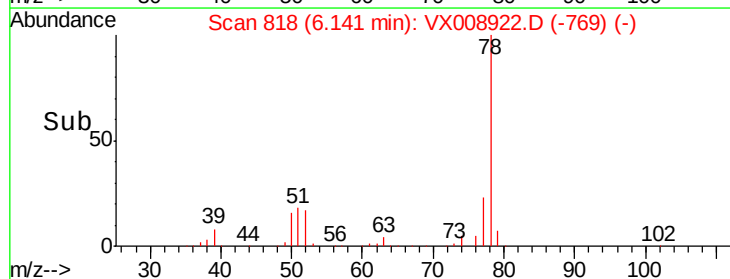
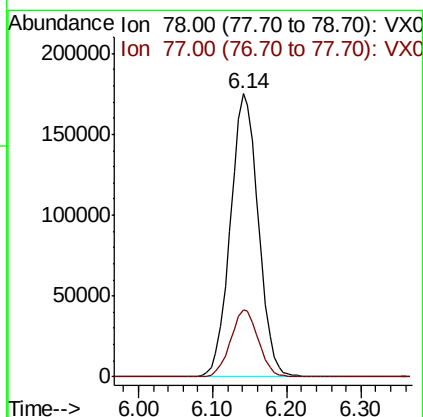
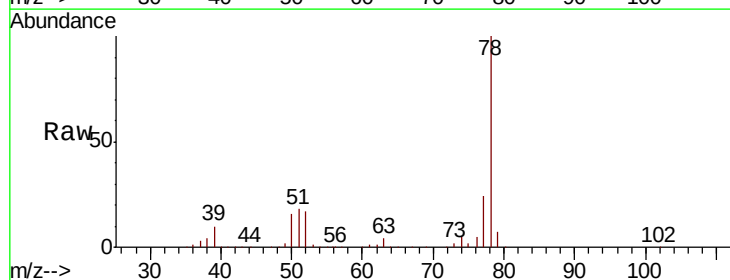
Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

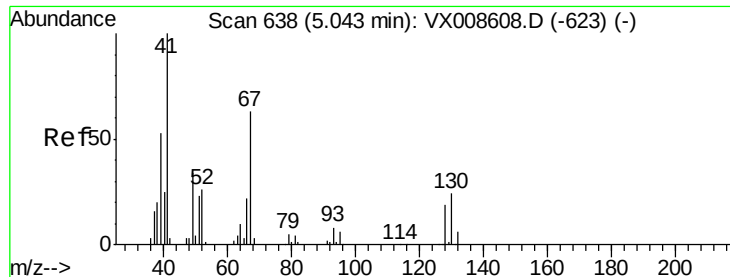
Tot Ion: 83 Resp: 177399
Ion Ratio Lower Upper
83 100
55 85.6 69.0 103.6
98 44.4 34.4 51.6



#40
Benzene
Concen: 54.379 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion: 78 Resp: 461269
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7





#41

Methacrylonitrile

Concen: 51.664 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampled :

S8-0703MSD

Tot Ion: 41 Resp: 112865

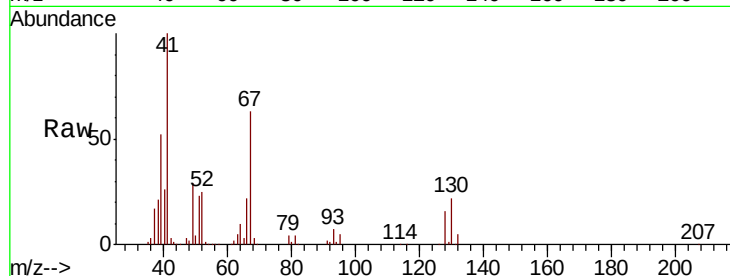
Ion Ratio Lower Upper

41 100

39 53.1 42.1 63.1

67 64.7 51.0 76.6

52 26.2 21.4 32.0

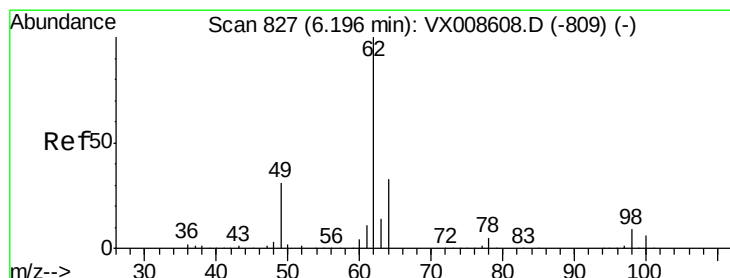
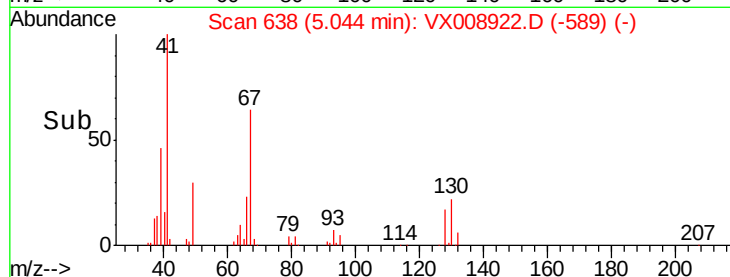
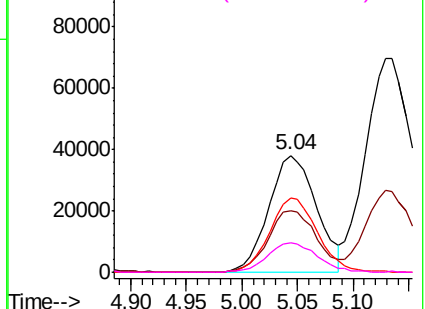


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 47.258 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008922.D

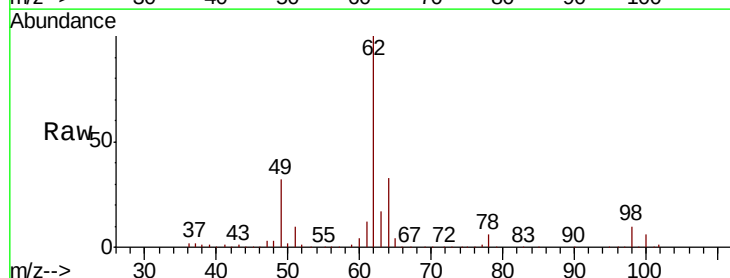
Acq: 13 Apr 2019 05:55

Tgt Ion: 62 Resp: 143712

Ion Ratio Lower Upper

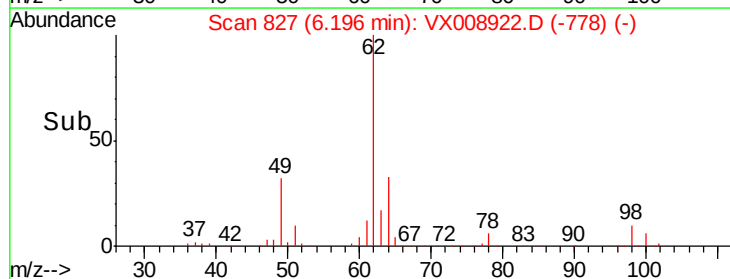
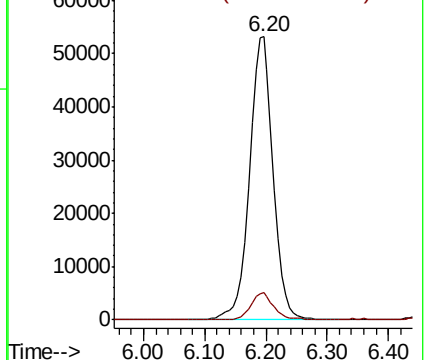
62 100

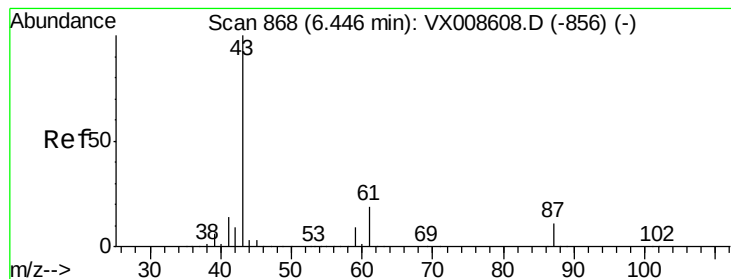
98 9.4 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.956 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

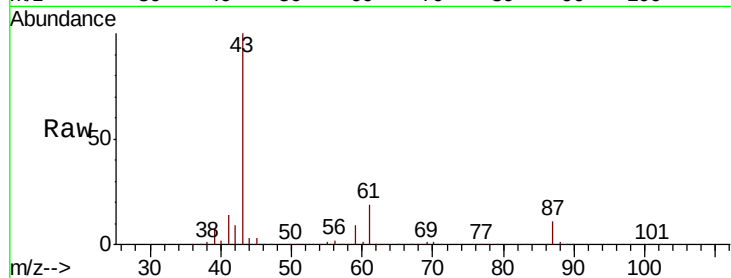
Tot Ion: 43 Resp: 303372

Ion Ratio Lower Upper

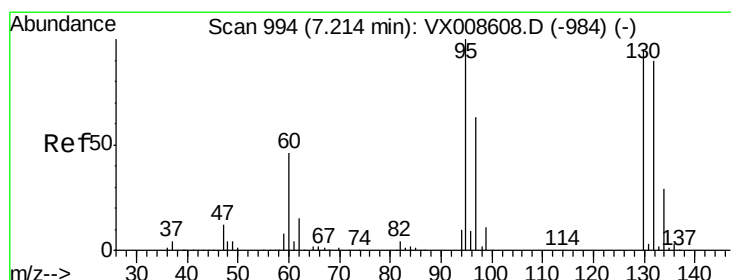
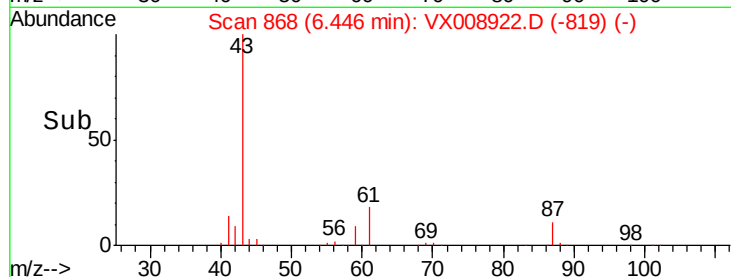
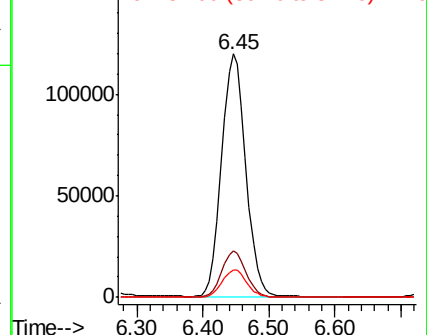
43 100

61 19.1 15.3 22.9

87 11.5 9.0 13.6



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: 48.158 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008922.D

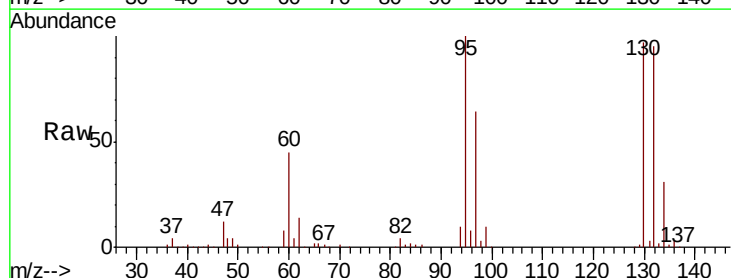
Acq: 13 Apr 2019 05:55

Tgt Ion:130 Resp: 95143

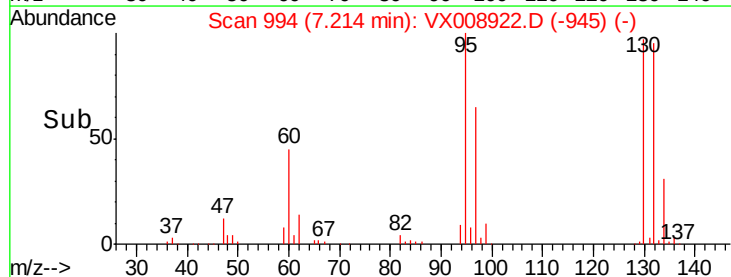
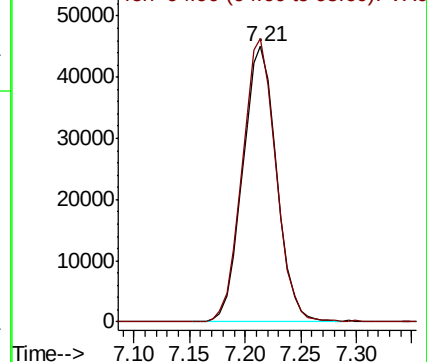
Ion Ratio Lower Upper

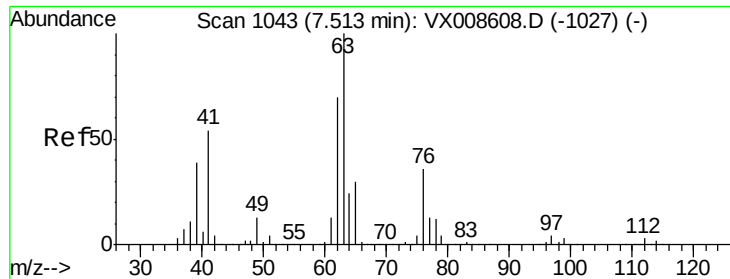
130 100

95 102.7 0.0 209.8



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

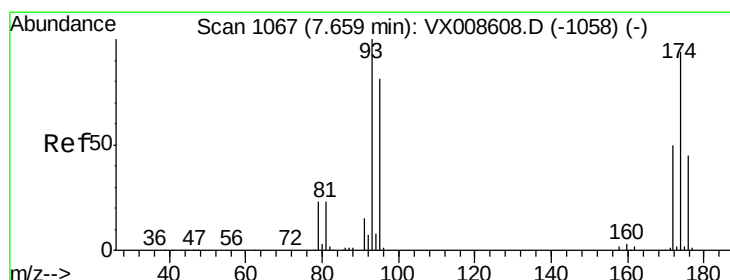
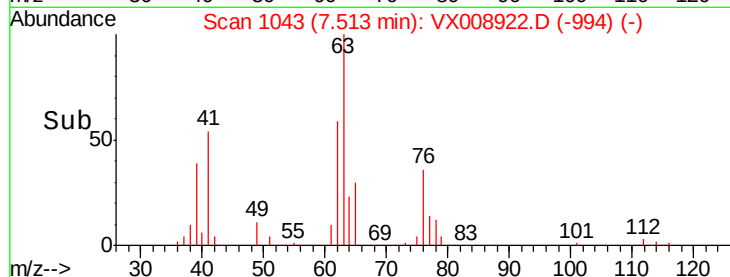
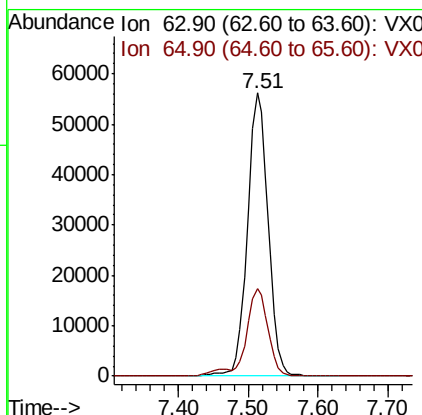
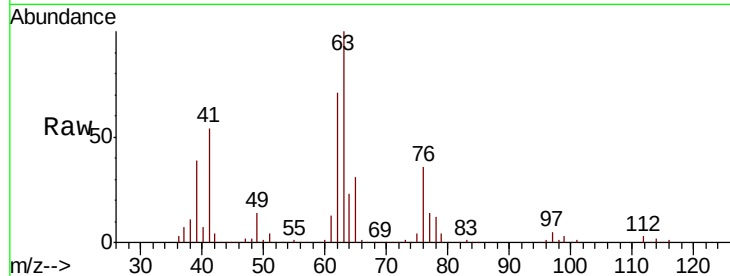




#45
 1,2-Dichloropropane
 Concen: 47.626 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

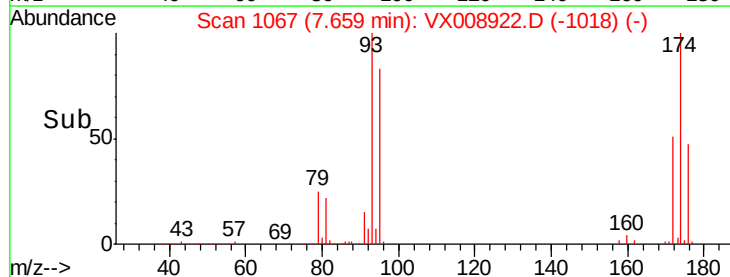
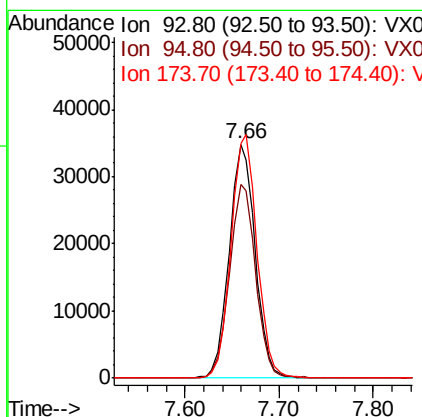
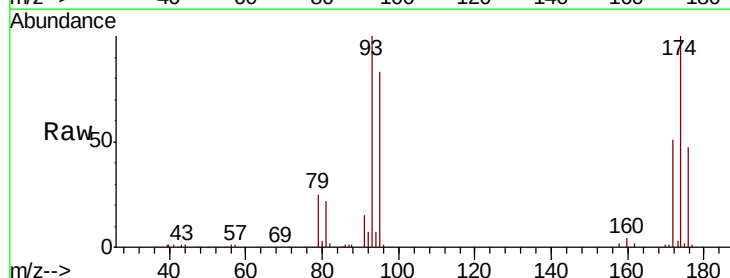
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

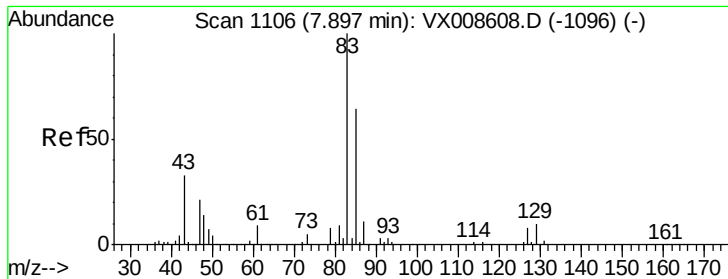
Tot Ion: 63 Resp: 115309
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.2 36.4



#46
 Dibromomethane
 Concen: 47.430 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 93 Resp: 66601
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.6 99.8
 174 104.3 77.7 116.5





#47

Bromodichloromethane

Concen: 49.882 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

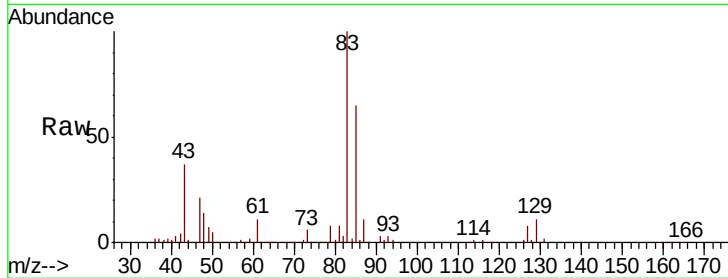
Tot Ion: 83 Resp: 132069

Ion Ratio Lower Upper

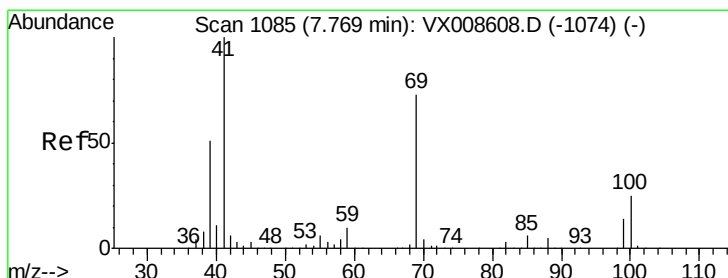
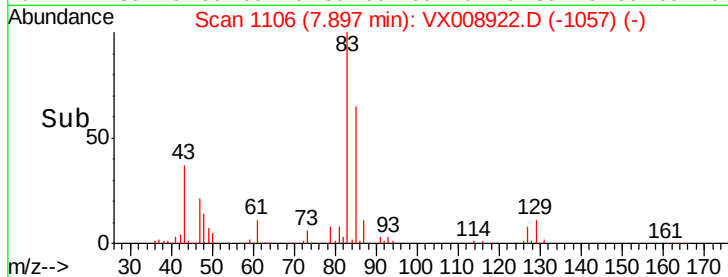
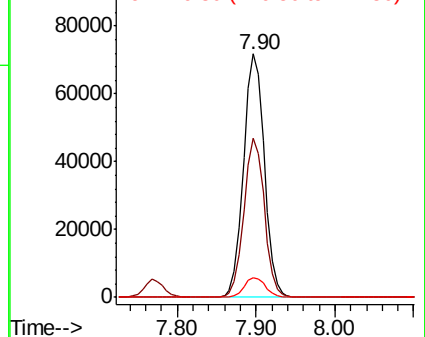
83 100

85 65.2 51.2 76.8

127 8.0 6.6 10.0



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: 53.777 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

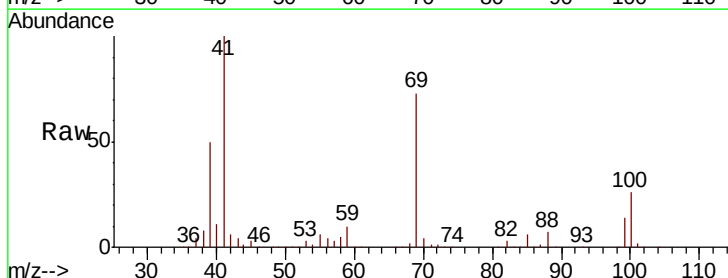
Tgt Ion: 41 Resp: 161958

Ion Ratio Lower Upper

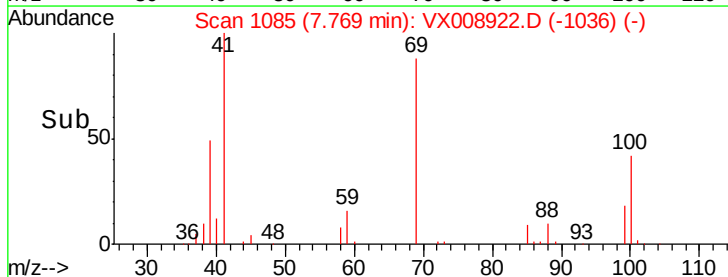
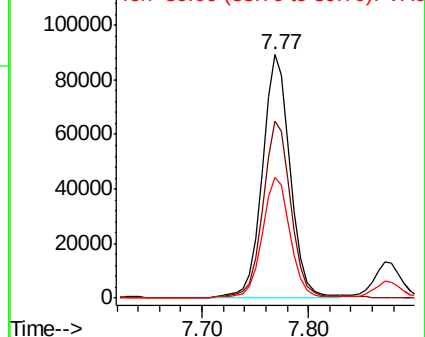
41 100

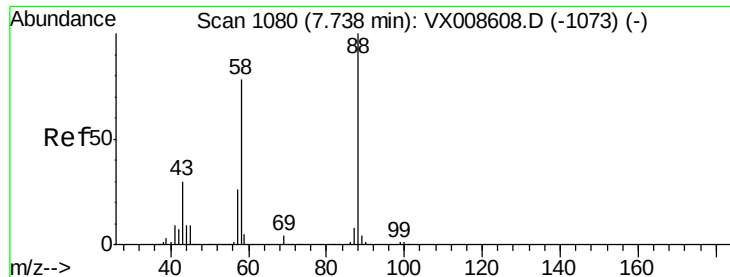
69 73.6 59.0 88.4

39 49.9 41.0 61.4



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

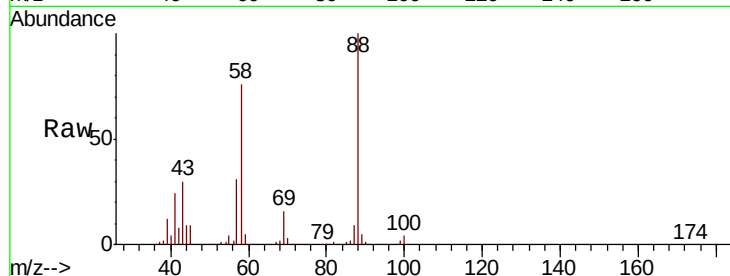




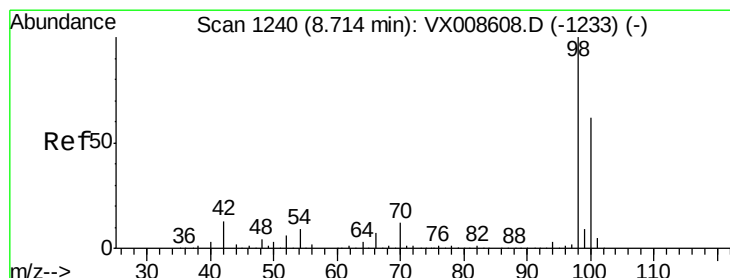
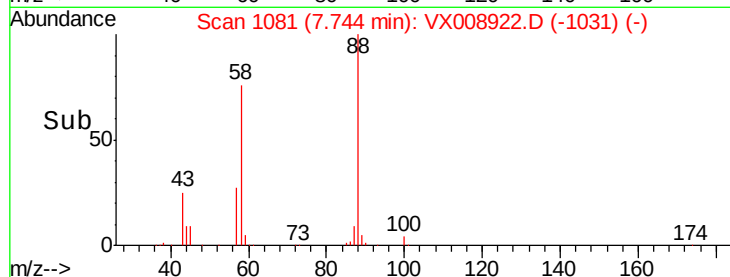
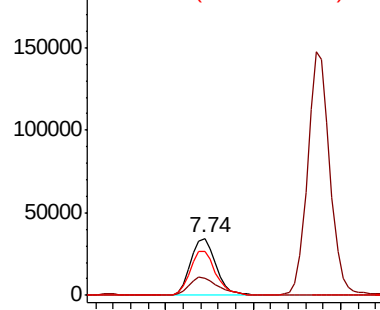
#49
1,4-Dioxane
Concen: 1235.243 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

Tot Ion: 88 Resp: 69688
Ion Ratio Lower Upper
88 100
43 35.7 28.6 43.0
58 79.0 62.2 93.2

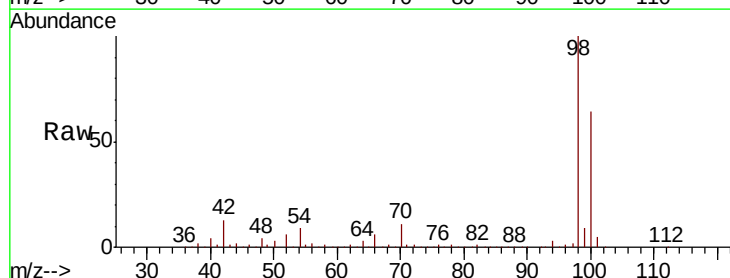


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

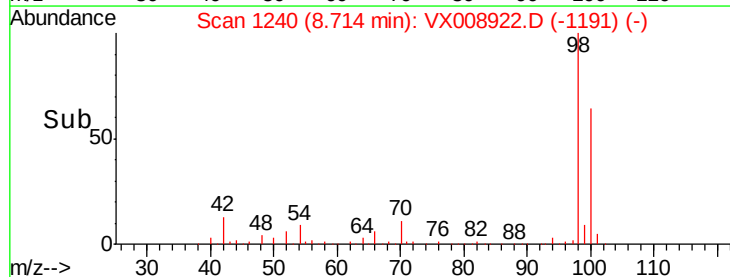
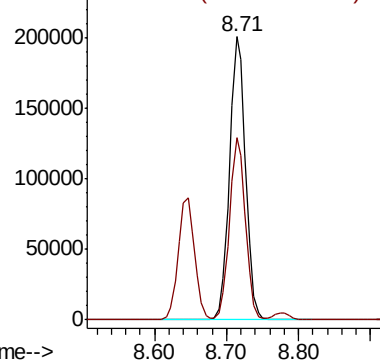


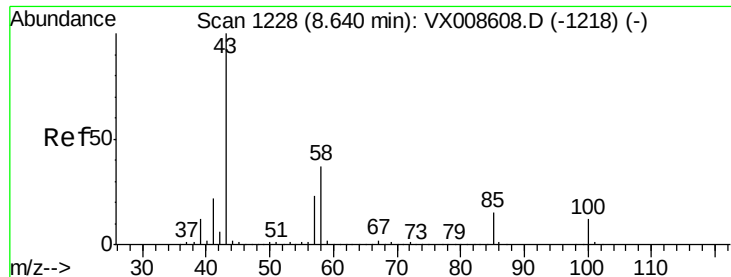
#50
Toluene-d8
Concen: 47.177 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion: 98 Resp: 312844
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

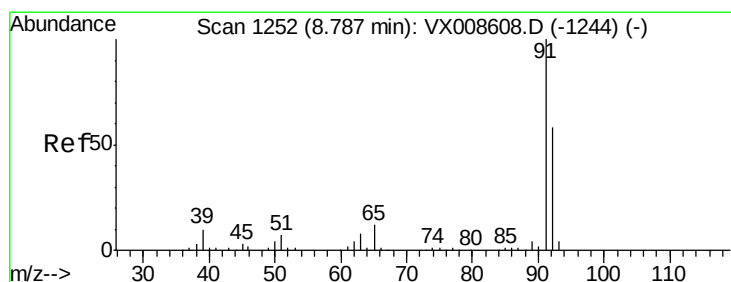
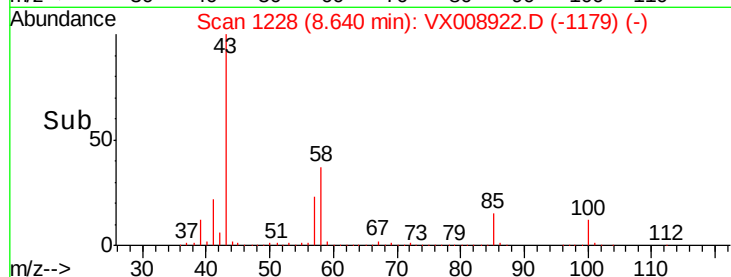
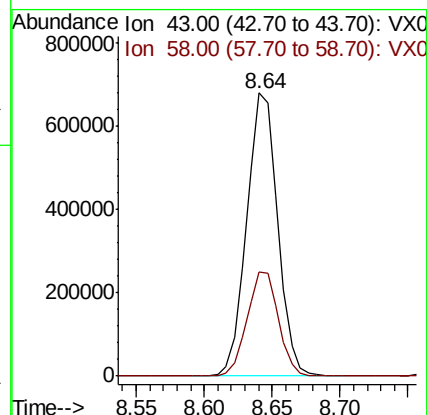
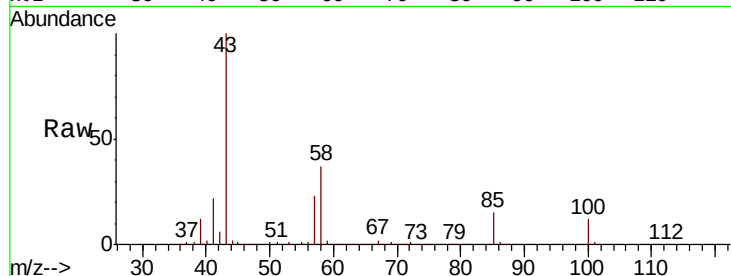




#51
 4-Methyl-2-Pentanone
 Concen: 283.067 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

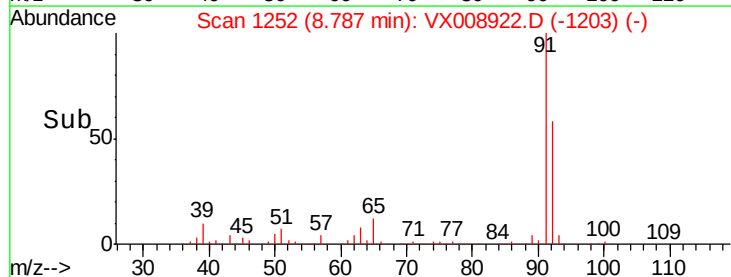
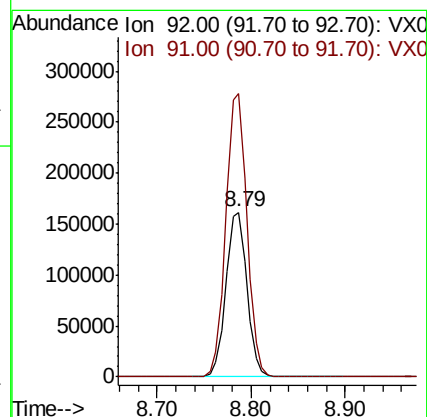
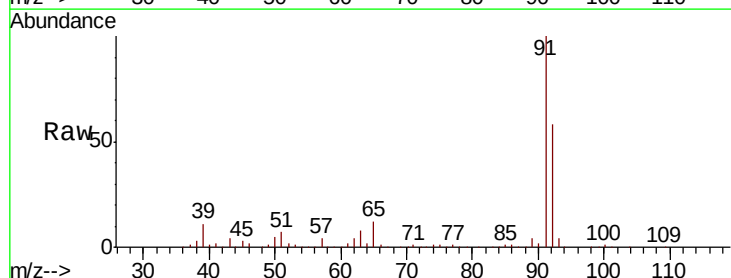
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

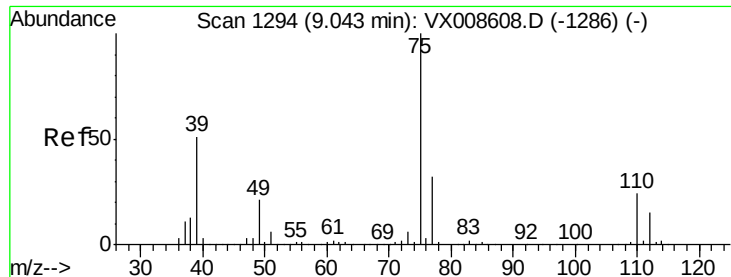
Tot Ion: 43 Resp: 1084872
 Ion Ratio Lower Upper
 43 100
 58 37.2 29.5 44.3



#52
 Toluene
 Concen: 49.857 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 92 Resp: 249329
 Ion Ratio Lower Upper
 92 100
 91 173.4 138.5 207.7

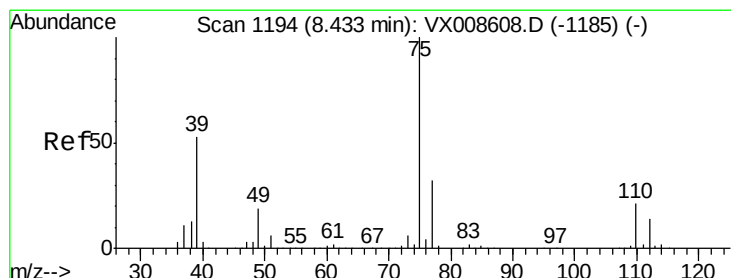
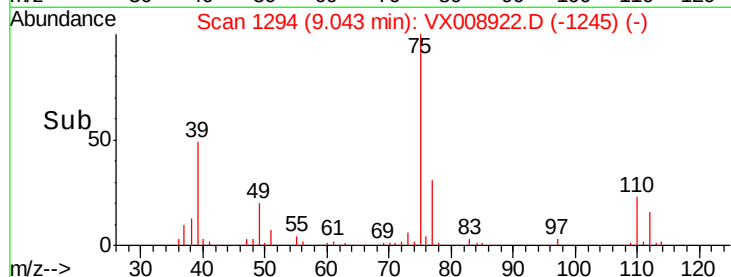
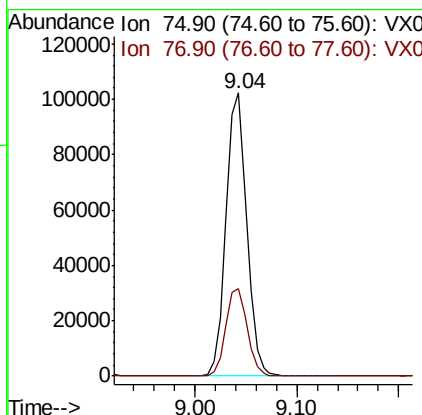
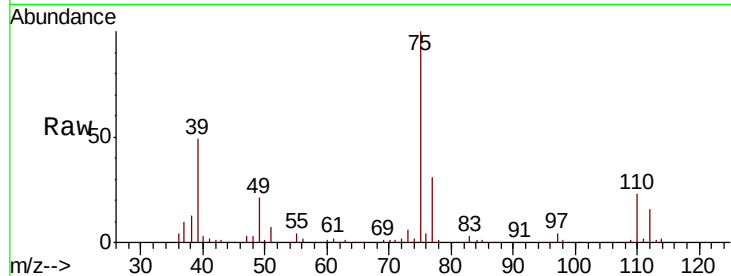




#53
 t-1,3-Dichloropropene
 Concen: 48.538 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

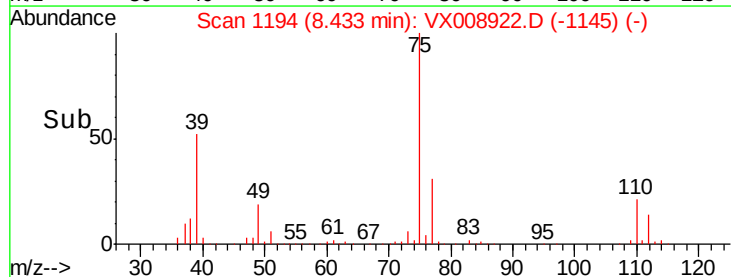
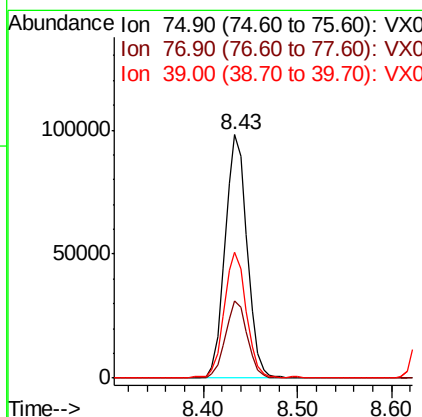
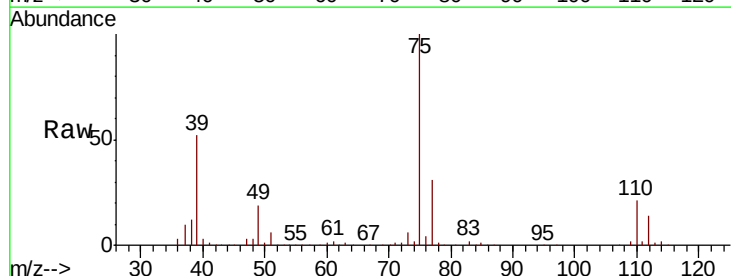
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

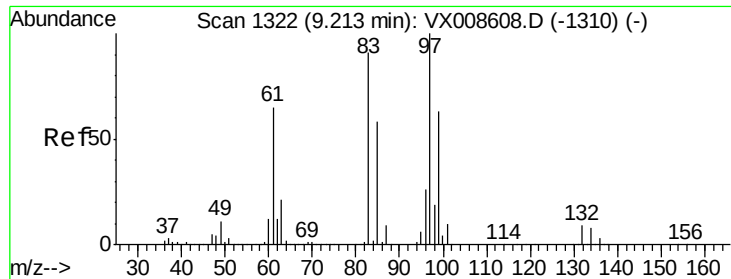
Tot Ion: 75 Resp: 143954
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 46.868 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 75 Resp: 158827
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 51.4 42.6 63.8

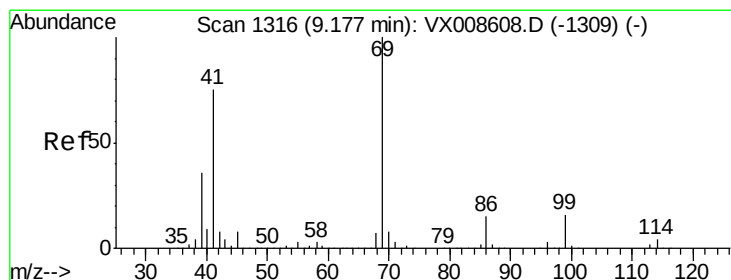
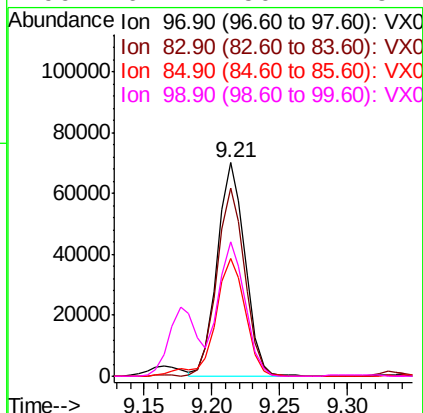
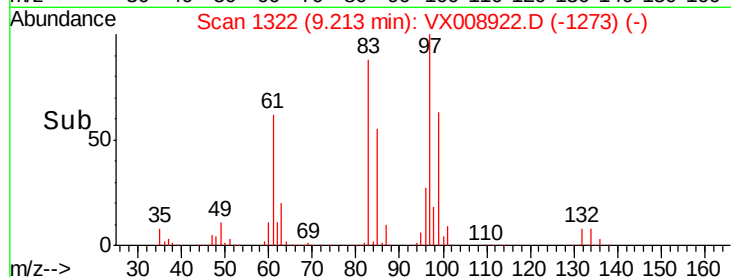
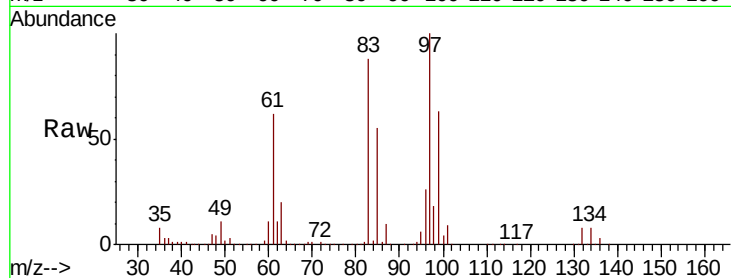




#55
 1,1,2-Trichloroethane
 Concen: 49.668 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

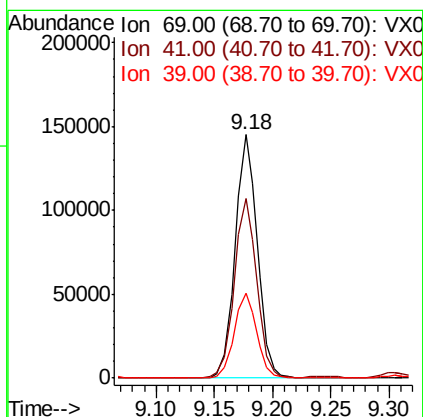
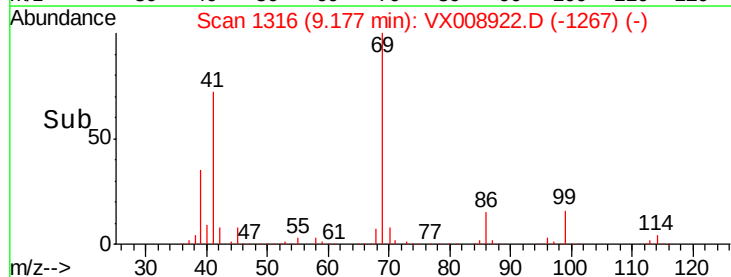
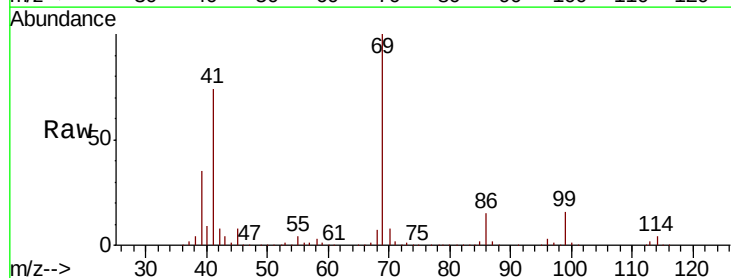
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0703MSD

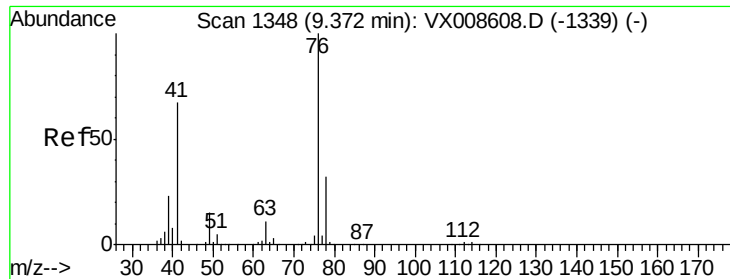
Tot Ion:	97	Resp:	99703
Ion	Ratio	Lower	Upper
97	100		
83	87.8	73.2	109.8
85	55.0	46.6	69.8
99	62.4	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 52.981 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion:	69	Resp:	192428
Ion	Ratio	Lower	Upper
69	100		
41	74.5	60.1	90.1
39	35.1	28.9	43.3

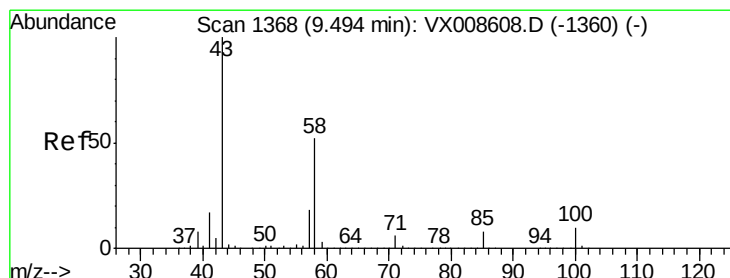
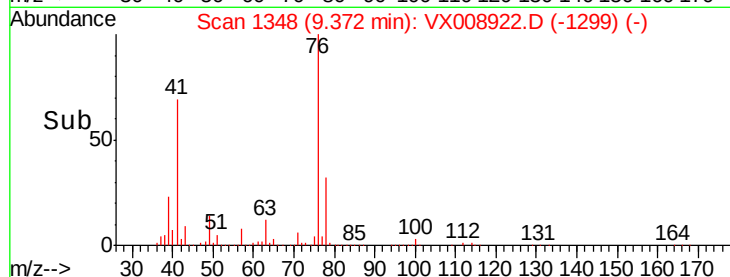
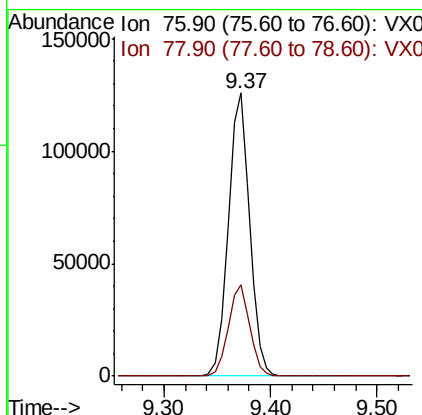
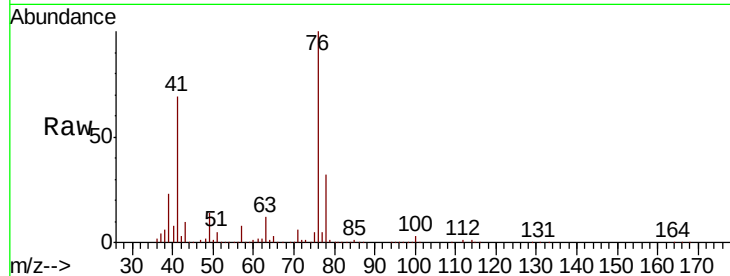




#57
 1,3-Dichloropropane
 Concen: 49.013 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

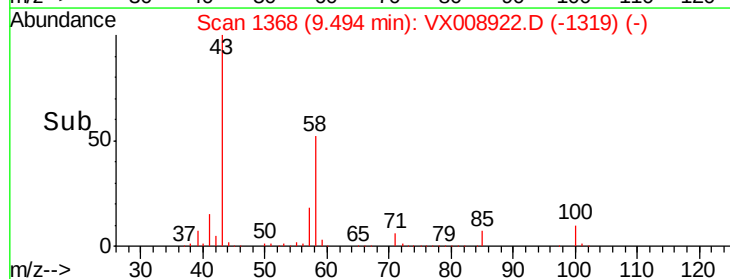
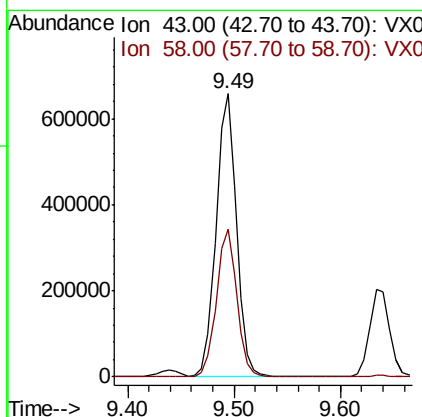
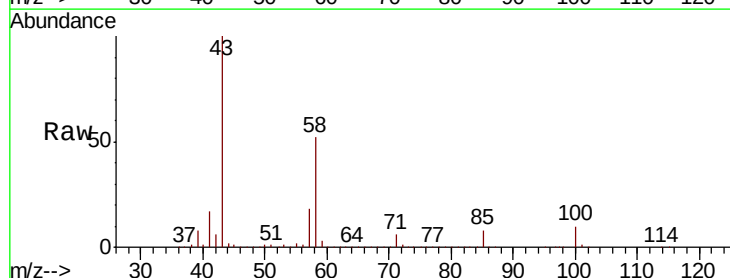
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

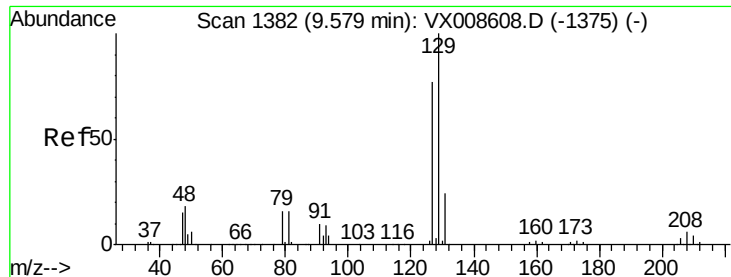
Tot Ion: 76 Resp: 176671
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#59
 2-Hexanone
 Concen: 292.176 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 43 Resp: 870236
 Ion Ratio Lower Upper
 43 100
 58 52.3 25.9 77.7





#60

Dibromochloromethane

Concen: 52.030 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

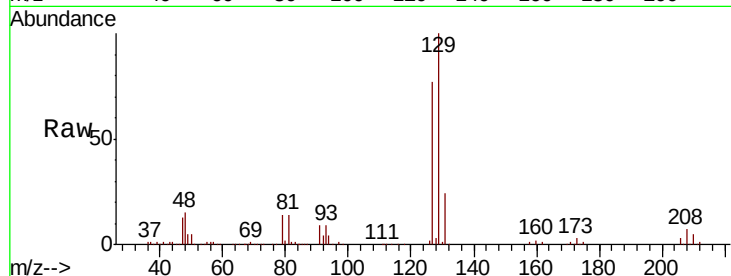
S8-0703MSD

Tot Ion:129 Resp: 98420

Ion Ratio Lower Upper

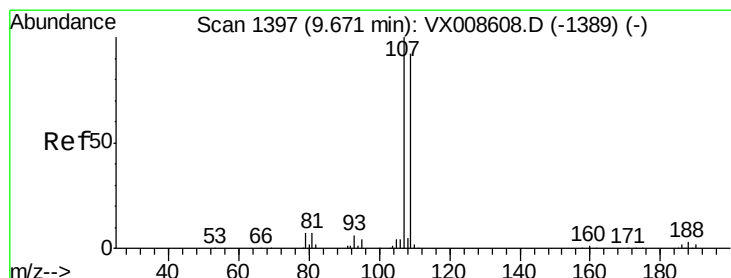
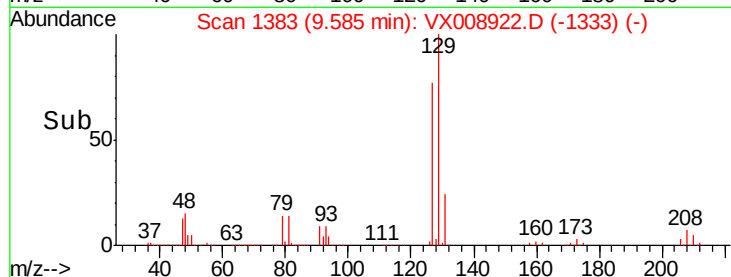
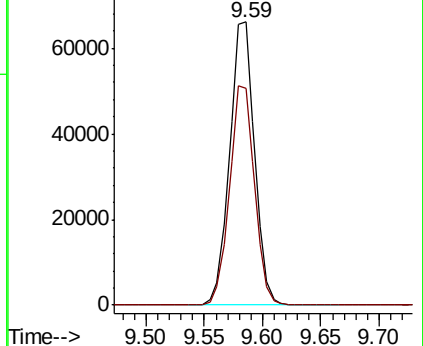
129 100

127 77.5 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.813 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008922.D

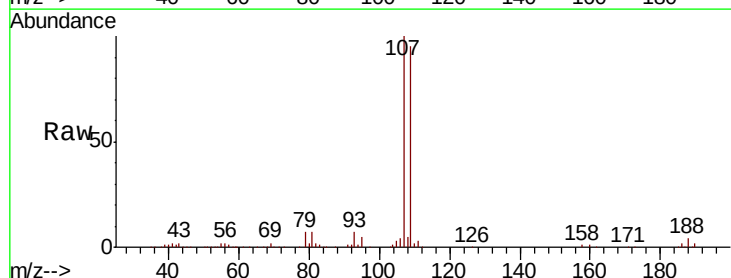
Acq: 13 Apr 2019 05:55

Tgt Ion:107 Resp: 104097

Ion Ratio Lower Upper

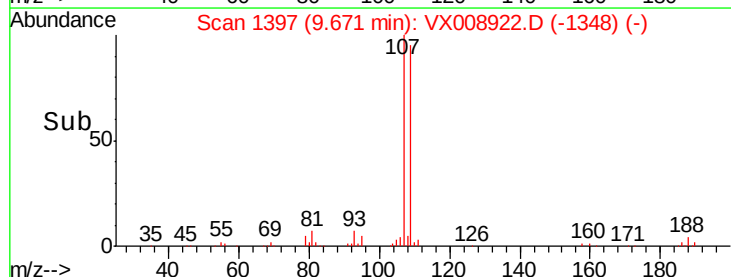
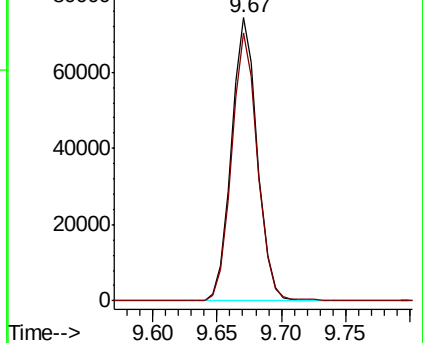
107 100

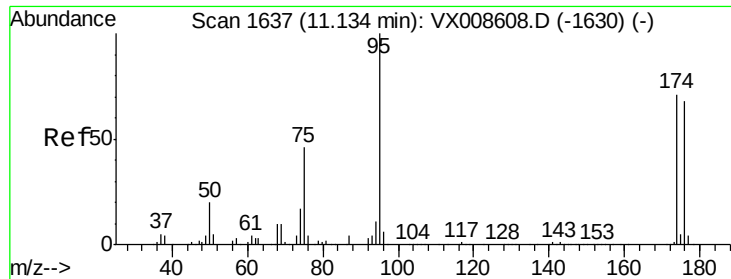
109 94.5 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.860 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

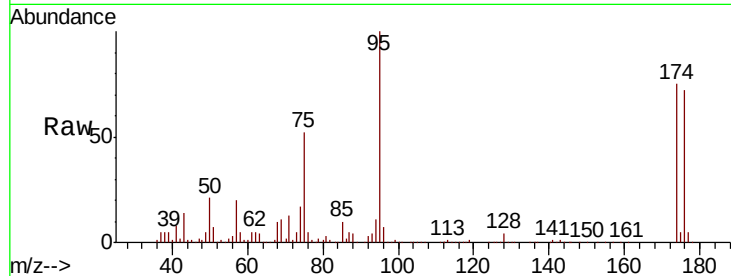
Tot Ion: 95 Resp: 117249

Ion Ratio Lower Upper

95 100

174 76.5 0.0 151.8

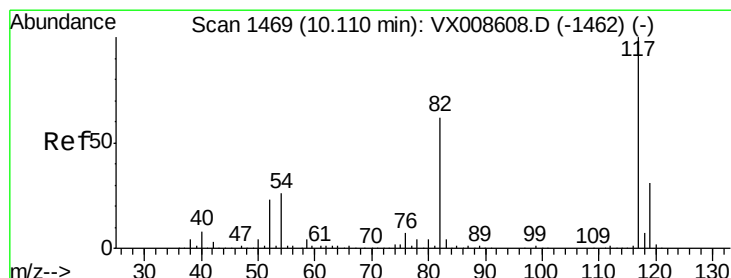
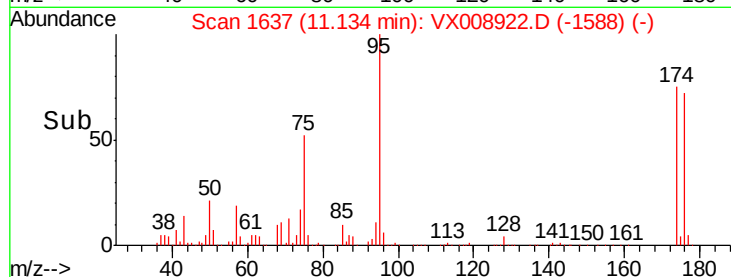
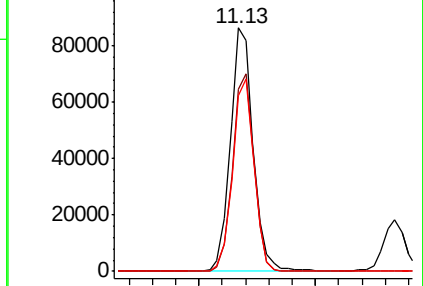
176 74.7 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008608.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008608.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008608.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

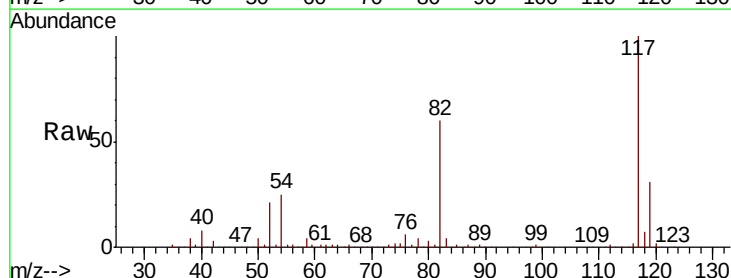
Tgt Ion: 117 Resp: 235096

Ion Ratio Lower Upper

117 100

82 60.0 49.6 74.4

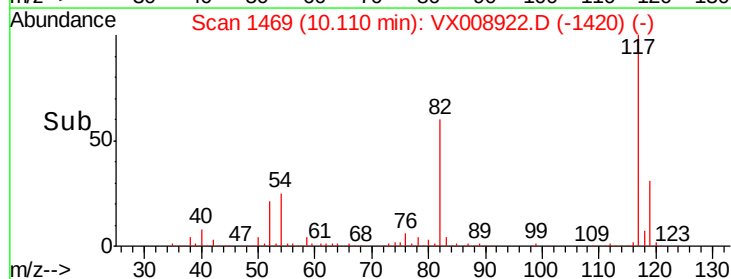
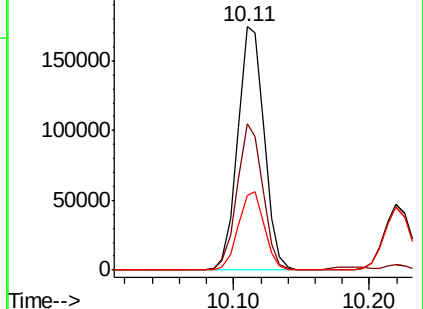
119 30.7 25.0 37.4

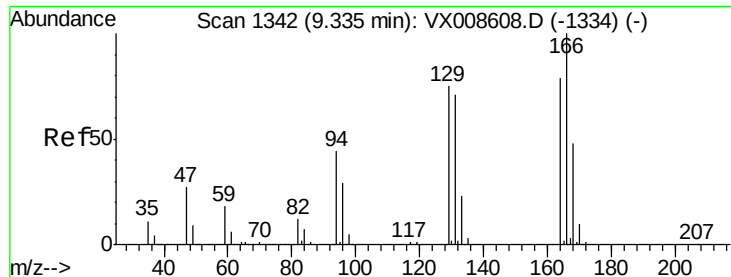


Abundance Ion 116.90 (116.60 to 117.60): VX008608.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008608.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008608.D (-1462) (-)





#64

Tetrachloroethene

Concen: 45.725 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

Tot Ion:164 Resp: 79644

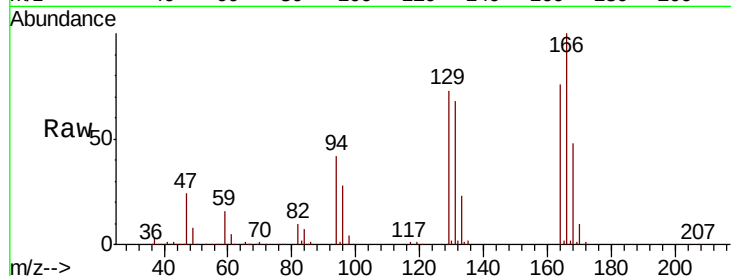
Ion Ratio Lower Upper

164 100

166 132.0 101.0 151.6

129 96.0 75.8 113.8

131 90.2 71.8 107.8

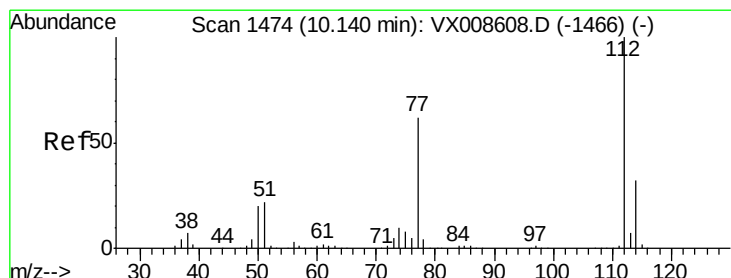
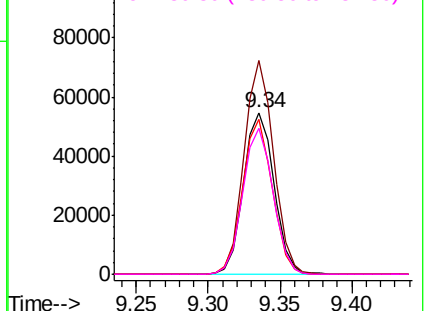
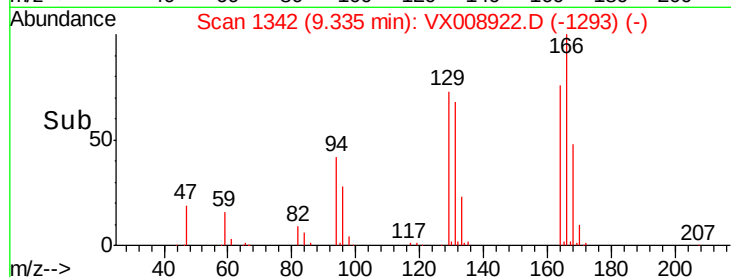


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.602 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008922.D

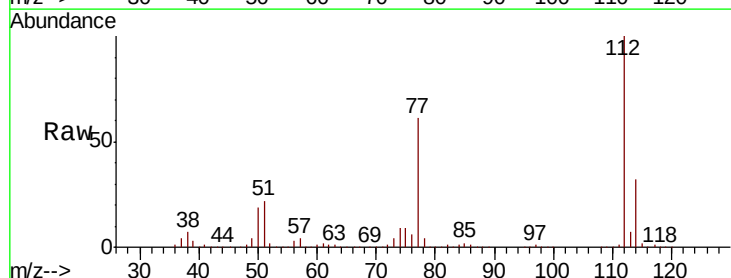
Acq: 13 Apr 2019 05:55

Tgt Ion:112 Resp: 253278

Ion Ratio Lower Upper

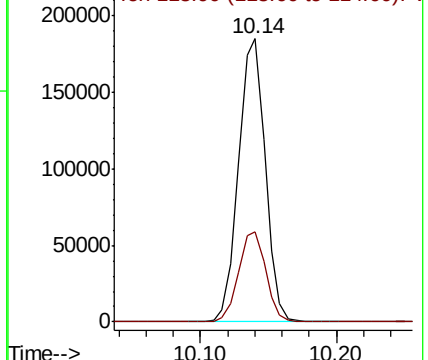
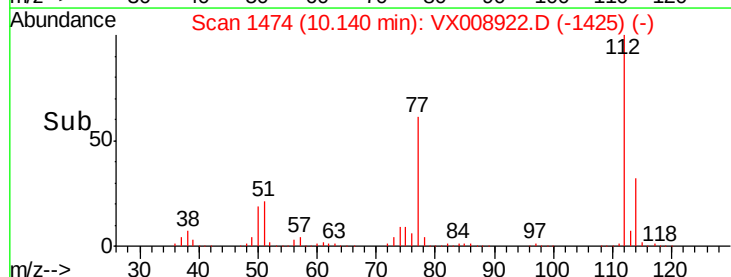
112 100

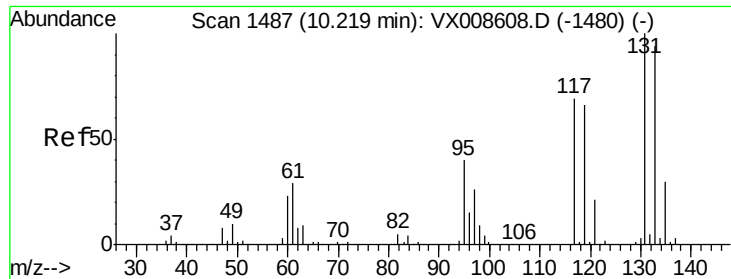
114 31.9 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

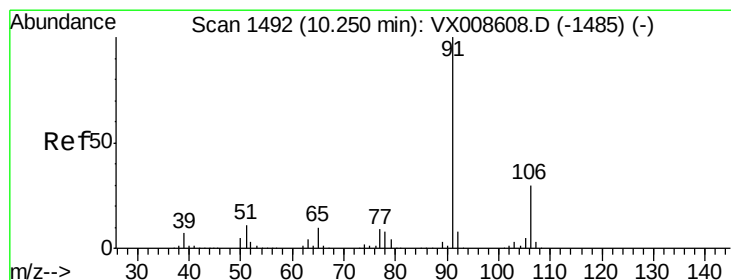
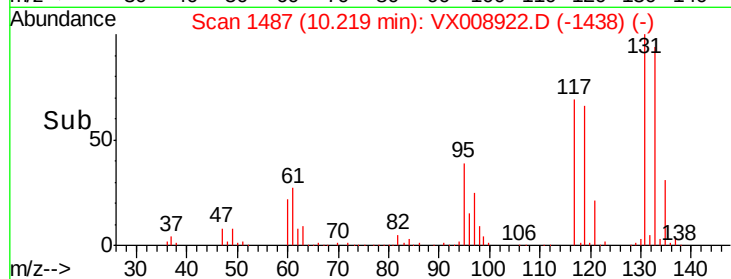
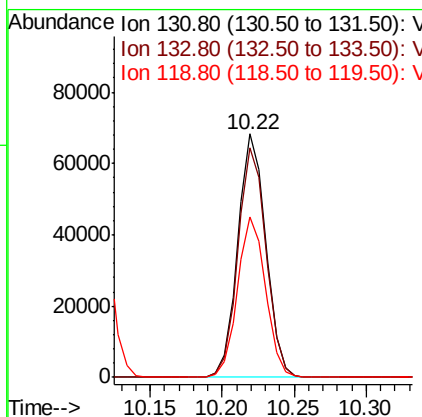
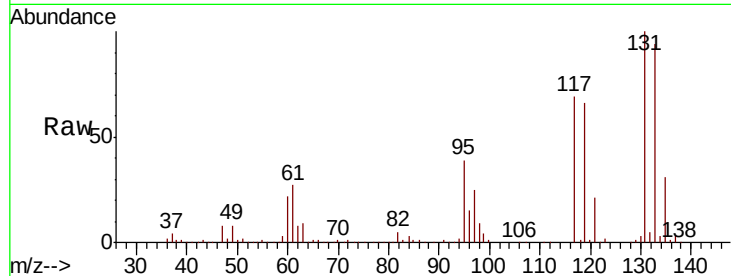




#66
 1,1,1,2-Tetrachloroethane
 Concen: 50.444 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

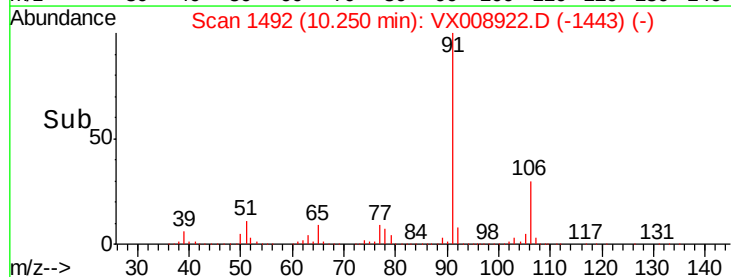
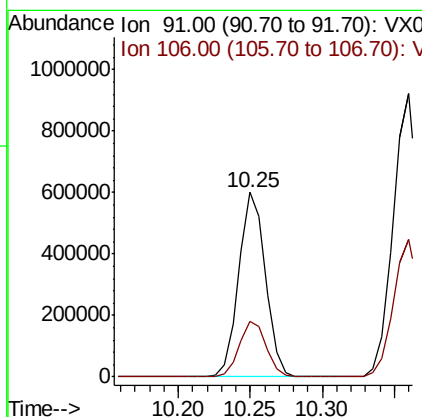
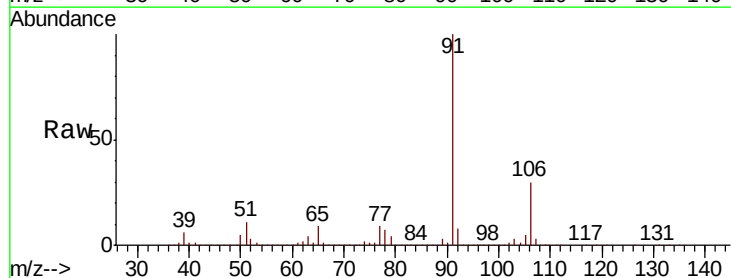
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

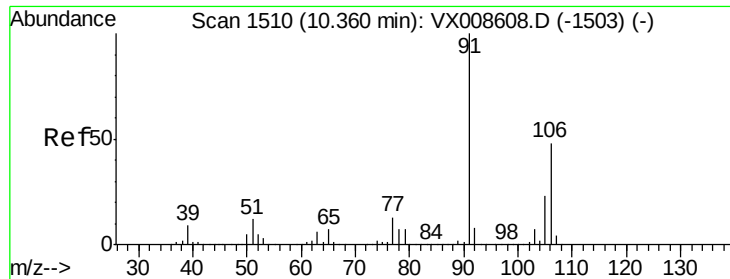
Tot Ion:131 Resp: 92224
 Ion Ratio Lower Upper
 131 100
 133 94.8 47.0 141.2
 119 66.3 33.7 101.0



#67
 Ethyl Benzene
 Concen: 79.732 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 91 Resp: 774791
 Ion Ratio Lower Upper
 91 100
 106 30.2 23.7 35.5

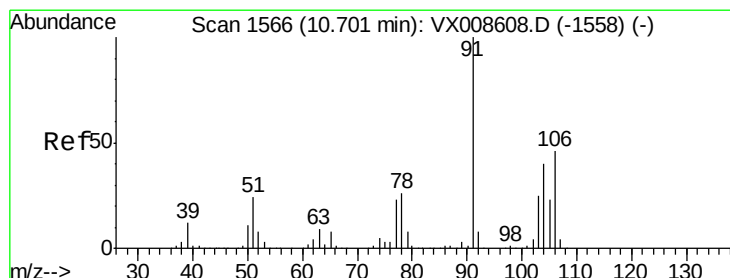
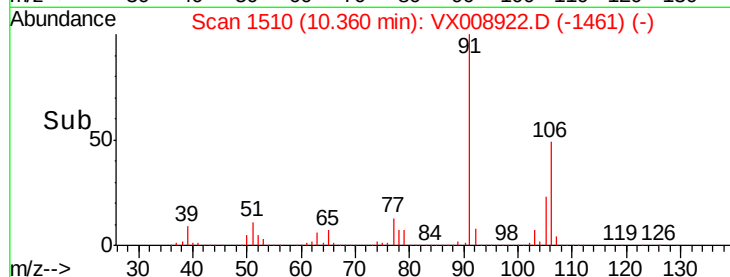
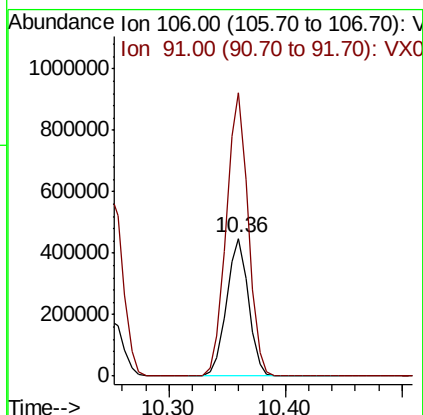
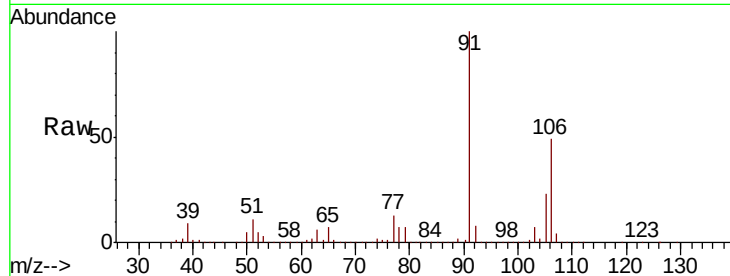




#68
m/p-Xylenes
Concen: 166.360 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

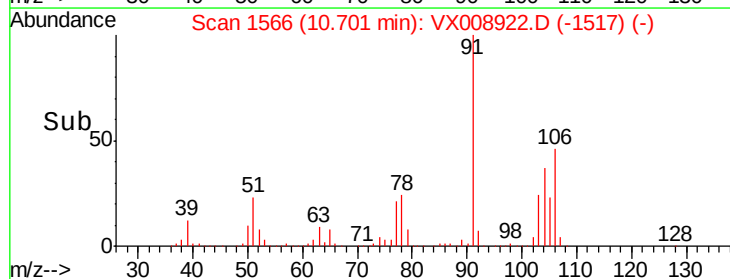
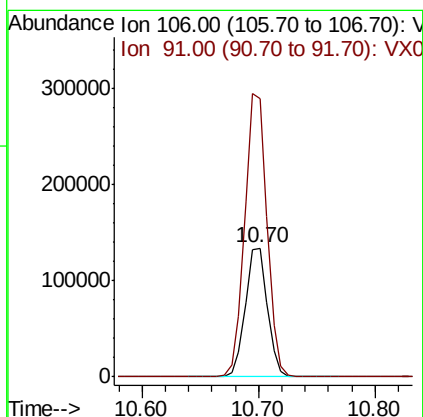
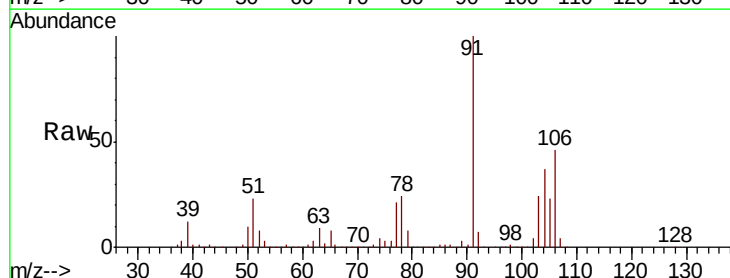
Instrument :
MSVOA_X
ClientSampleId :
S8-0703MSD

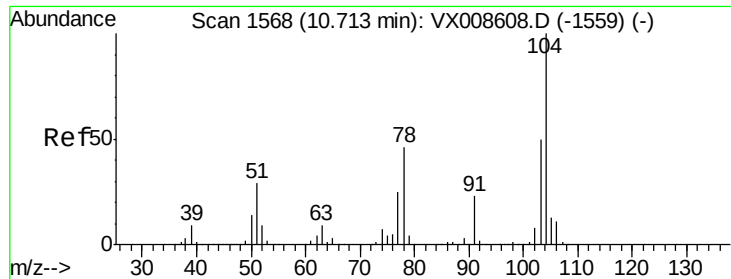
Tot Ion:106 Resp: 581251
Ion Ratio Lower Upper
106 100
91 206.5 168.5 252.7



#69
o-Xylene
Concen: 52.934 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008922.D
Acq: 13 Apr 2019 05:55

Tgt Ion:106 Resp: 179237
Ion Ratio Lower Upper
106 100
91 219.5 111.5 334.4





#70

Stvrene

Concen: 48.872 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampled :

S8-0703MSD

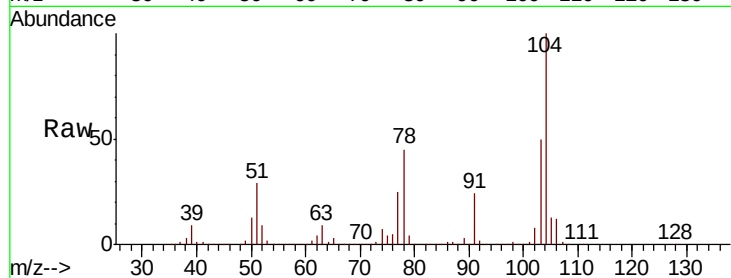
Tot Ion:104 Resp: 285249

Ion Ratio Lower Upper

104 100

78 52.5 42.3 63.5

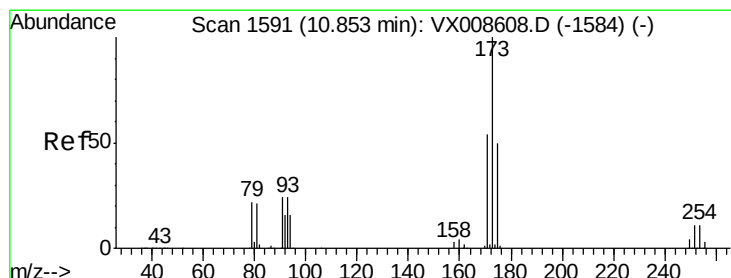
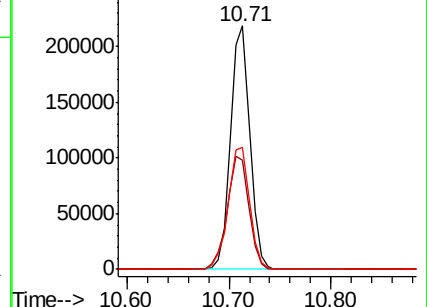
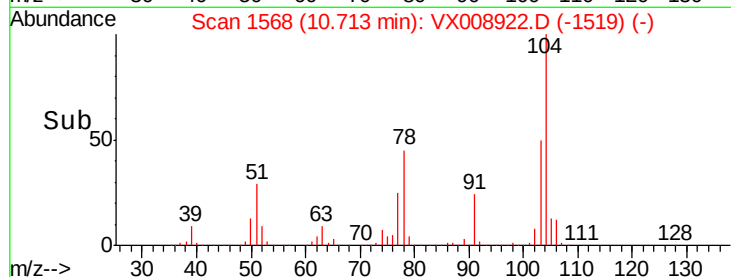
103 55.8 44.4 66.6



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: 53.237 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

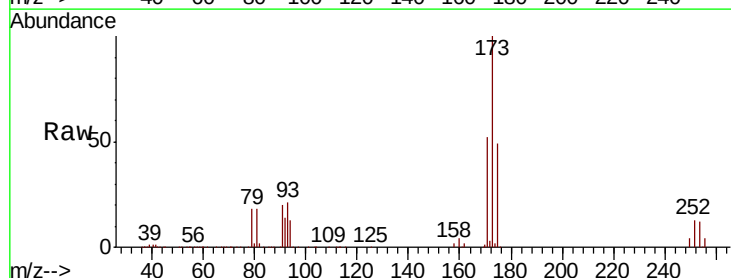
Tgt Ion:173 Resp: 74335

Ion Ratio Lower Upper

173 100

175 49.5 24.9 74.6

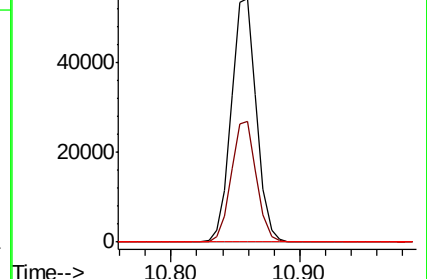
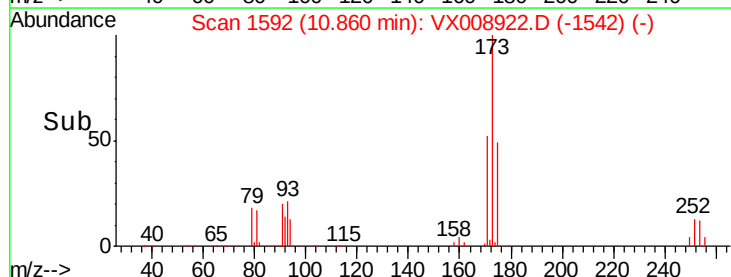
254 0.2 0.1 0.1#

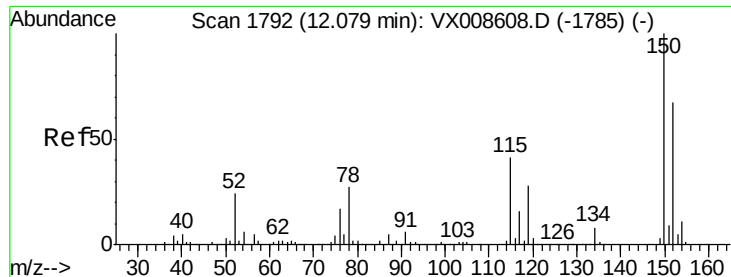


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

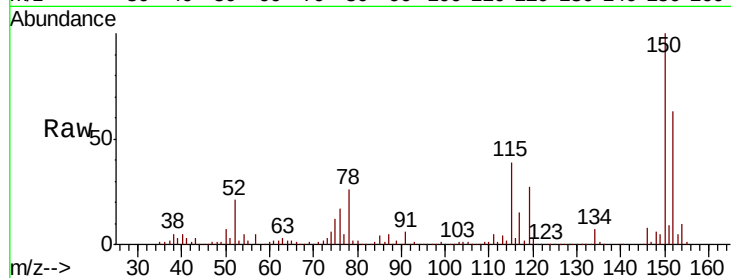
Tot Ion:152 Resp: 110334

Ion Ratio Lower Upper

152 100

115 84.7 43.5 130.5

150 171.2 0.0 348.8

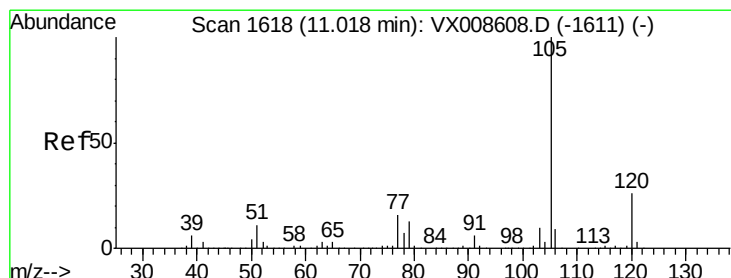
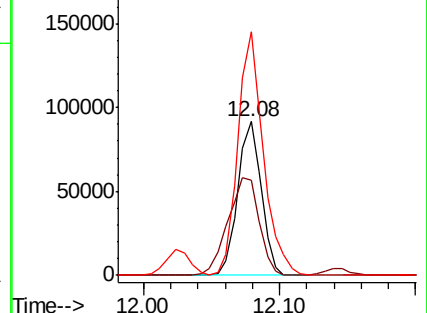
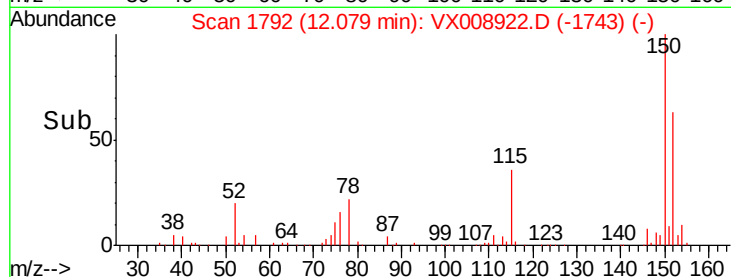


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.510 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008922.D

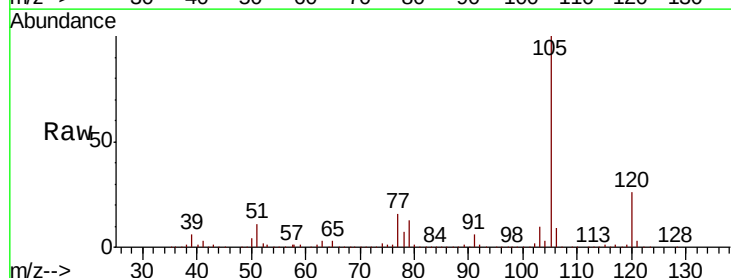
Acq: 13 Apr 2019 05:55

Tgt Ion:105 Resp: 461853

Ion Ratio Lower Upper

105 100

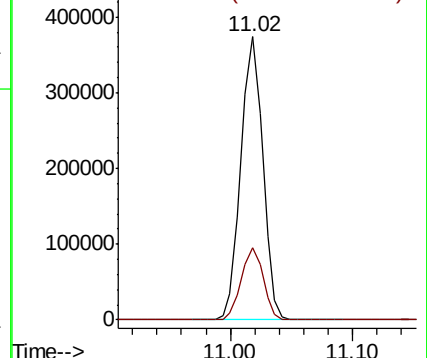
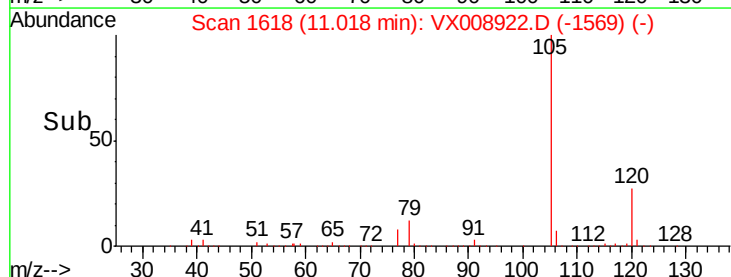
120 25.6 12.9 38.6

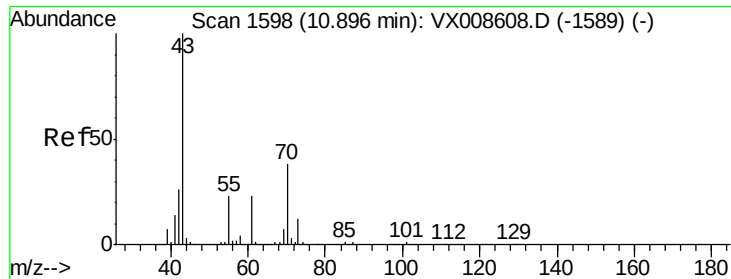


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 48.019 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

Tot Ion: 43 Resp: 258326

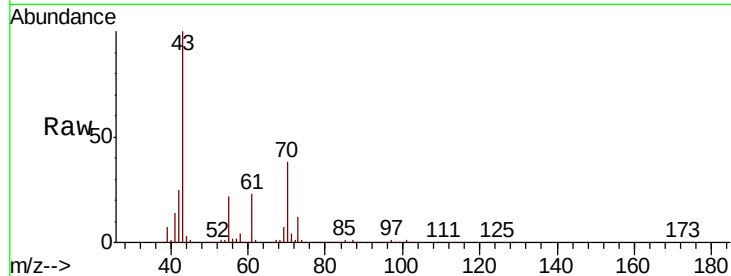
Ion Ratio Lower Upper

43 100

70 38.7 30.2 45.4

55 23.1 18.2 27.4

61 22.6 18.6 28.0

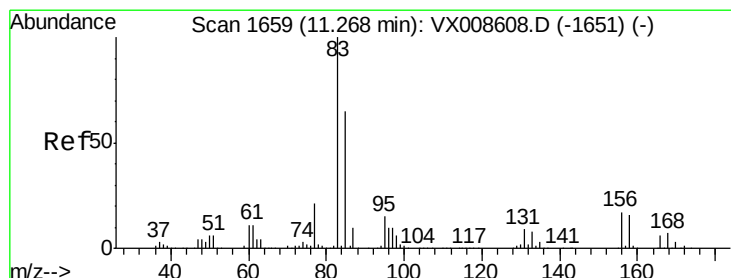
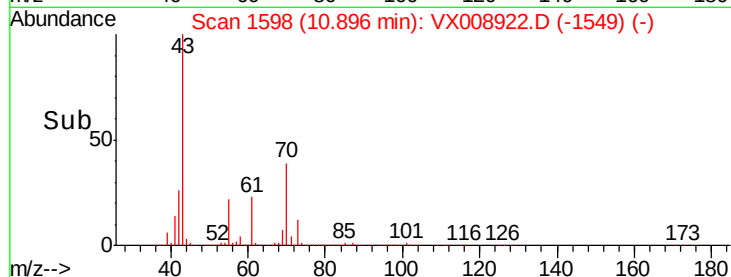
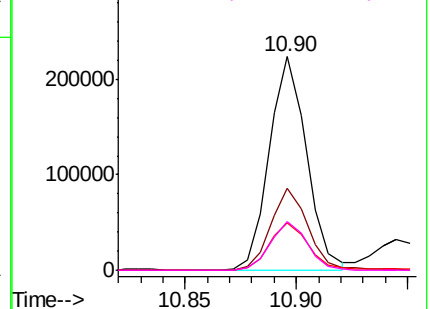


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.127 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

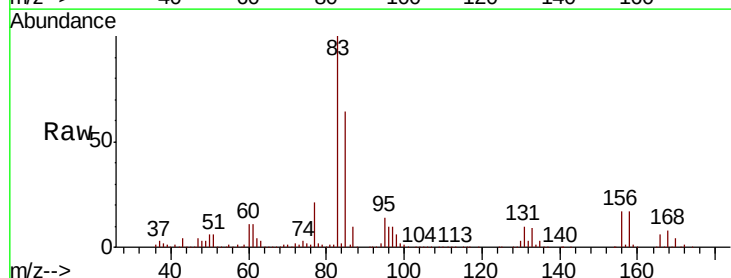
Tgt Ion: 83 Resp: 163885

Ion Ratio Lower Upper

83 100

131 9.4 4.5 13.7

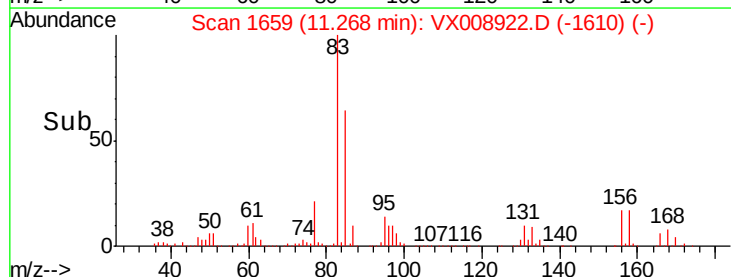
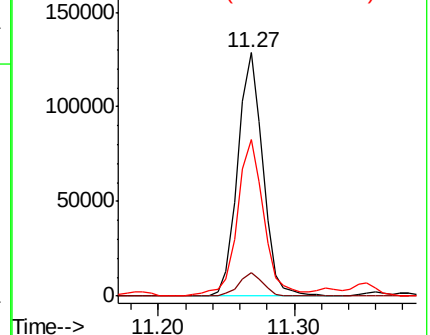
85 69.0 32.0 96.2

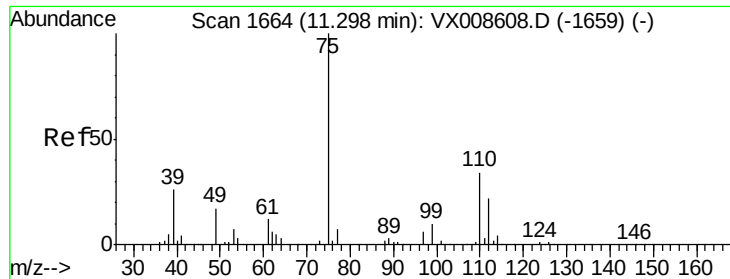


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

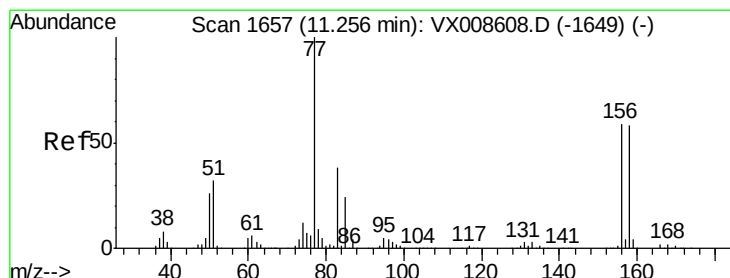
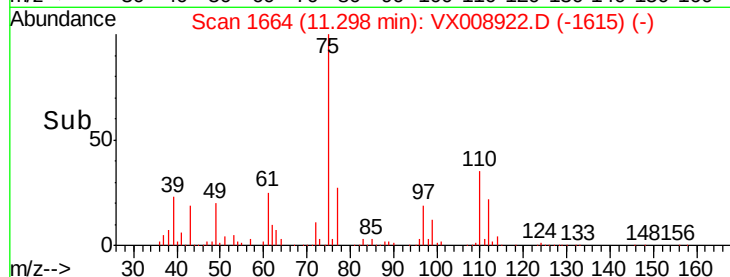
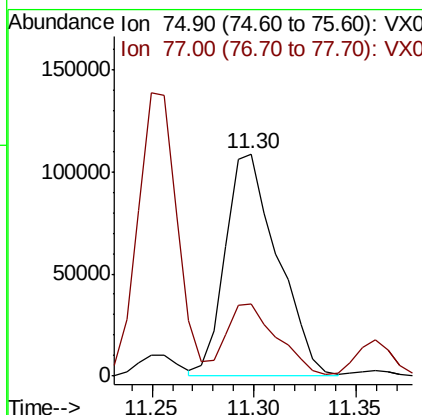
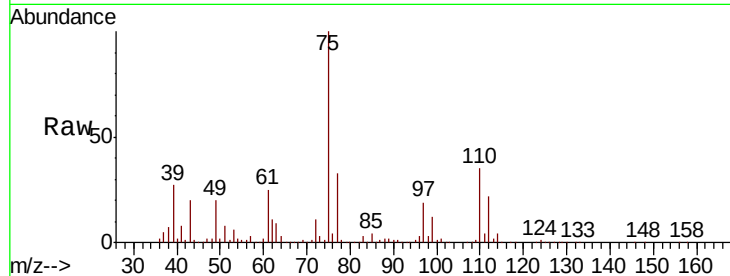




#76
 1,2,3-Trichloropropane
 Concen: 63.139 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

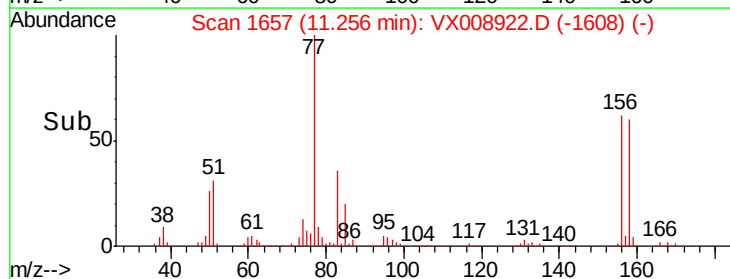
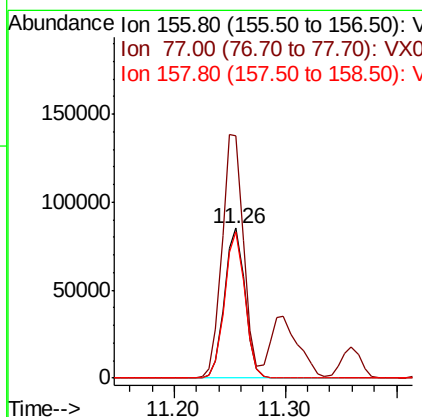
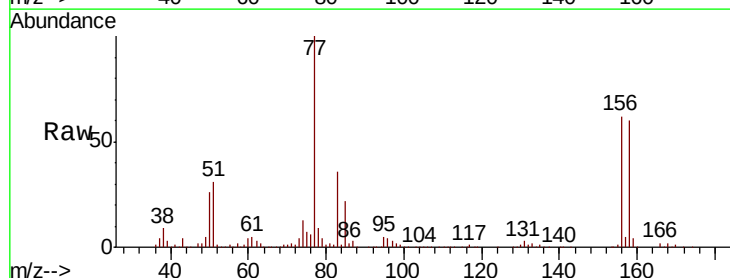
Instrument :
 MSVOA_X
 ClientSampled :
 S8-0703MSD

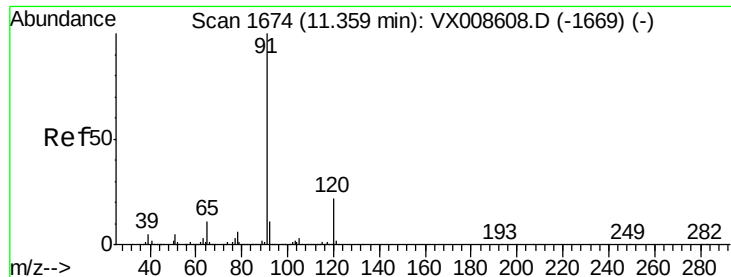
Tot Ion: 75 Resp: 191372
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.3 66.8



#77
 Bromobenzene
 Concen: 49.181 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 156 Resp: 108108
 Ion Ratio Lower Upper
 156 100
 77 169.8 89.8 269.6
 158 96.7 48.6 145.9





#78

n-propylbenzene

Concen: 51.255 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampled :

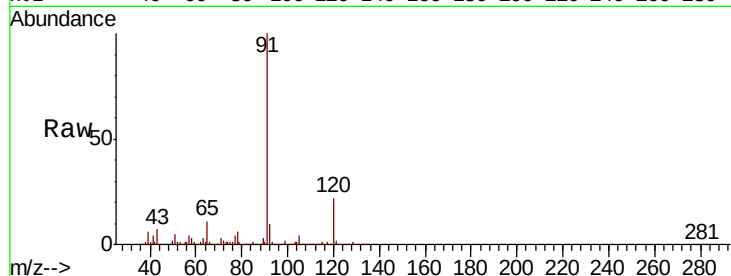
S8-0703MSD

Tot Ion: 91 Resp: 545698

Ion Ratio Lower Upper

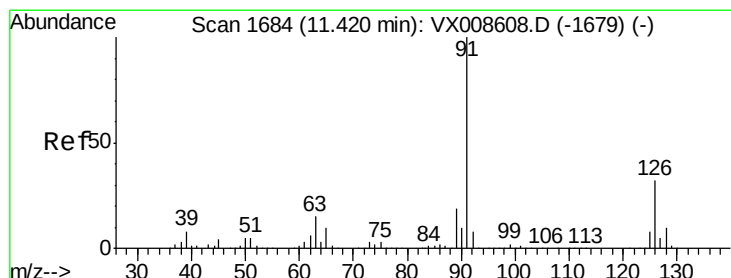
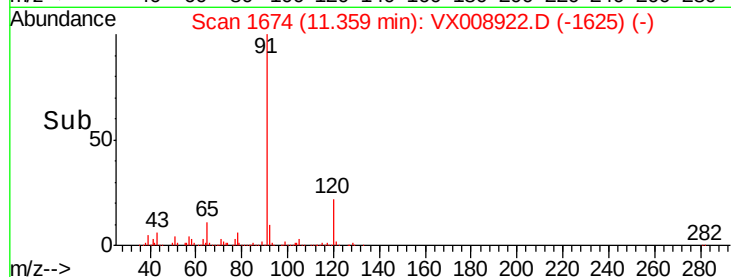
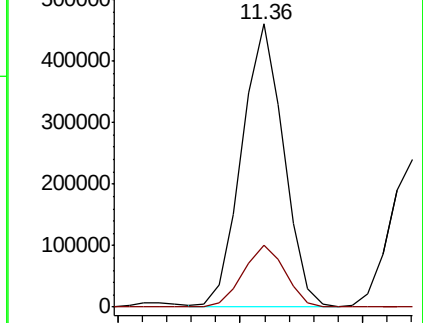
91 100

120 22.1 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 47.863 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008922.D

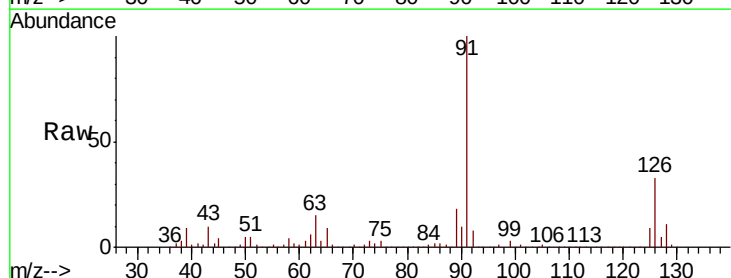
Acq: 13 Apr 2019 05:55

Tgt Ion: 91 Resp: 308374

Ion Ratio Lower Upper

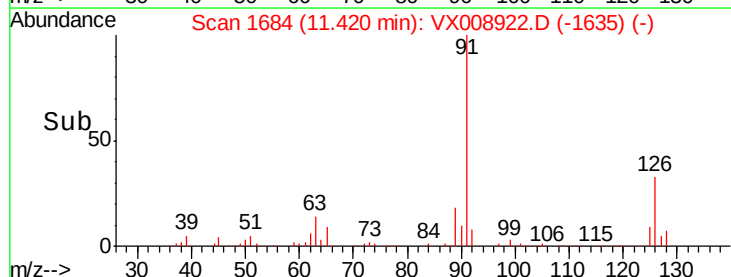
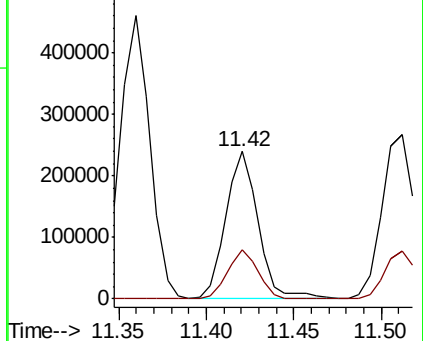
91 100

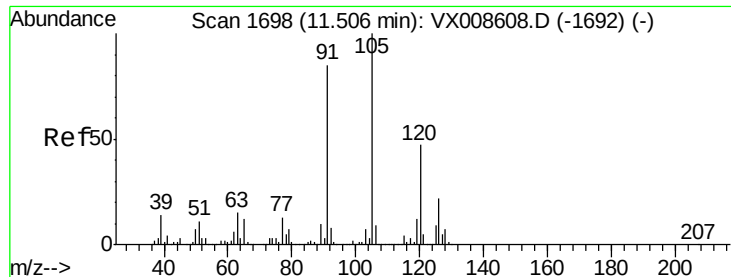
126 32.0 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

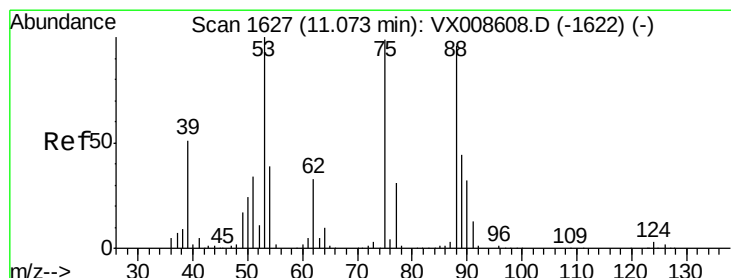
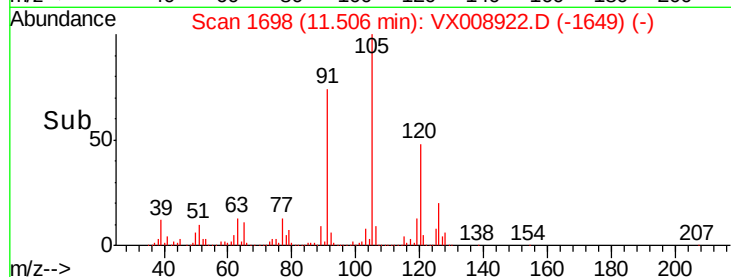
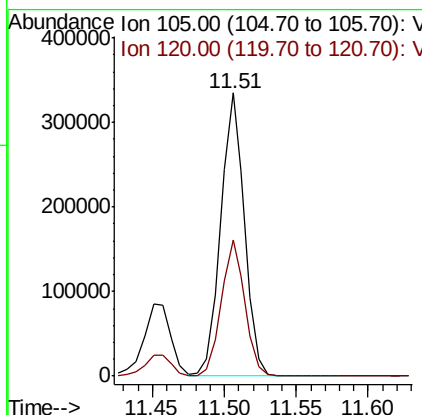
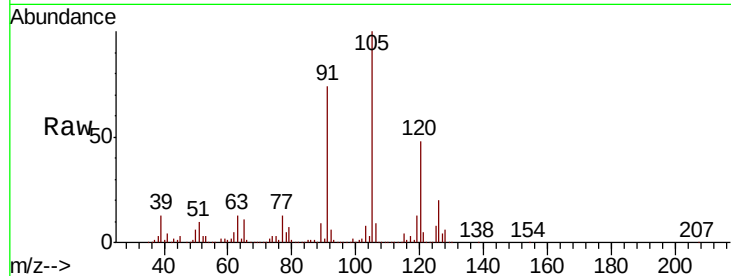




#80
 1,3,5-Trimethylbenzene
 Concen: 50.374 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

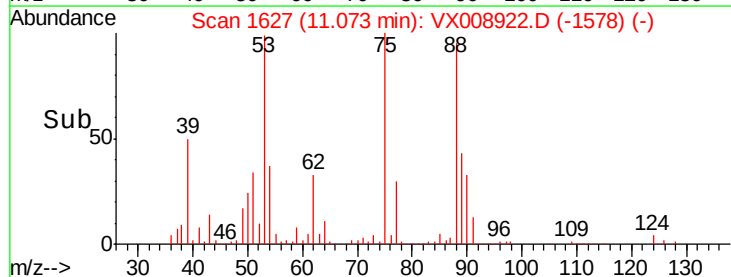
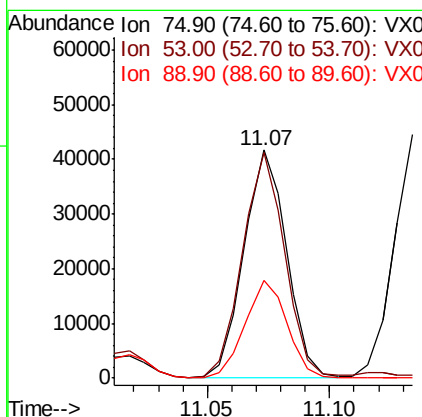
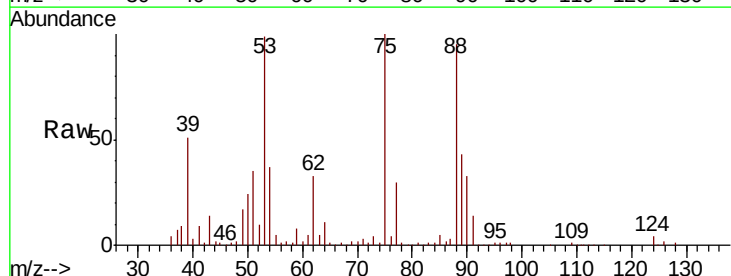
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

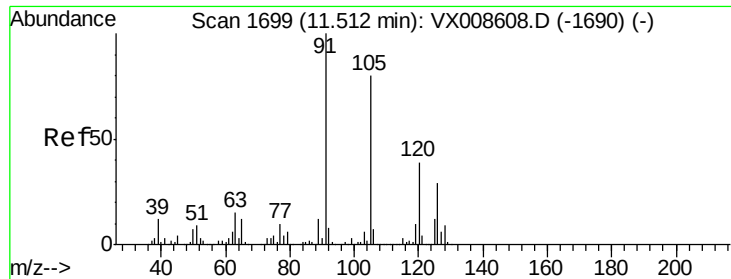
Tot Ion:105 Resp: 386641
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.956 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 75 Resp: 50531
 Ion Ratio Lower Upper
 75 100
 53 97.4 81.3 121.9
 89 42.7 35.6 53.4





#82

4-Chlorotoluene

Concen: 45.930 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

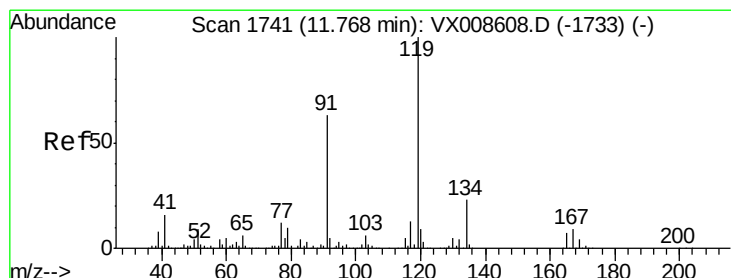
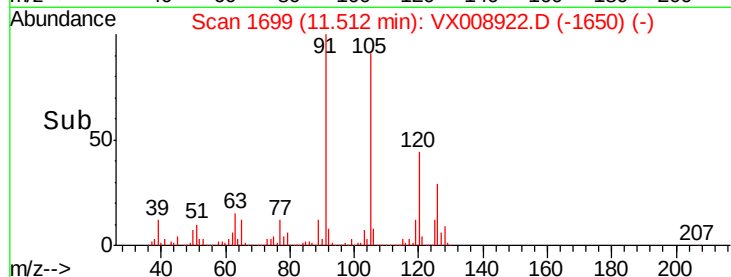
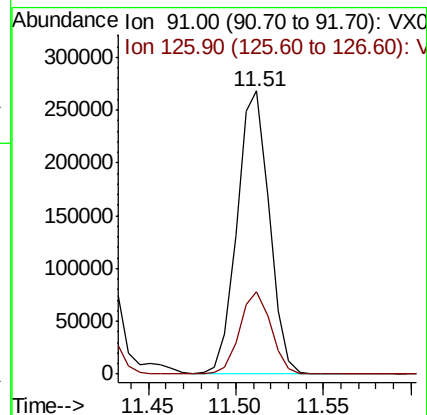
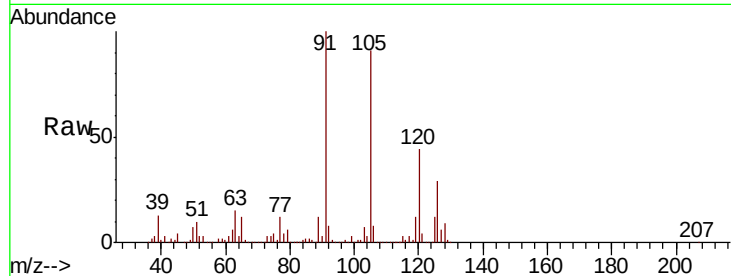
S8-0703MSD

Tot Ion: 91 Resp: 342540

Ion Ratio Lower Upper

91 100

126 28.3 13.9 41.6



#83

tert-Butylbenzene

Concen: 47.711 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

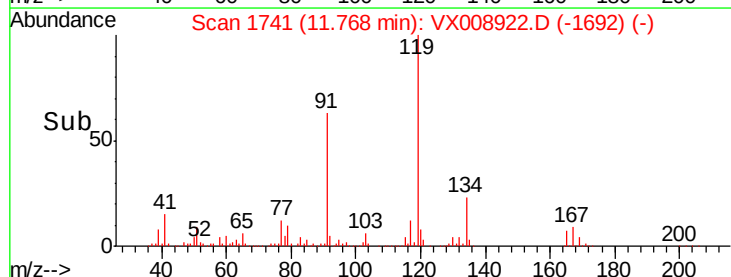
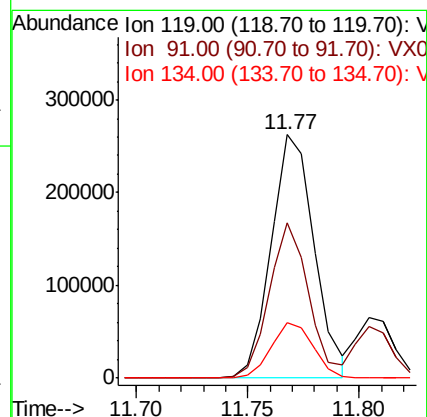
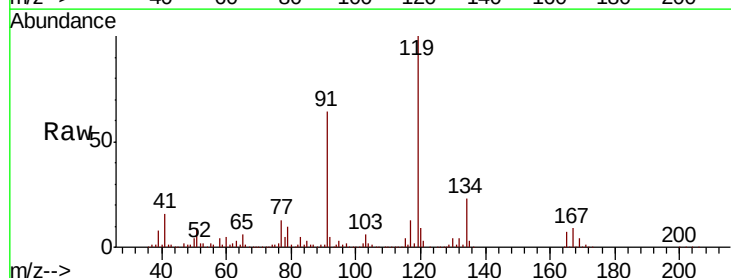
Tgt Ion: 119 Resp: 352312

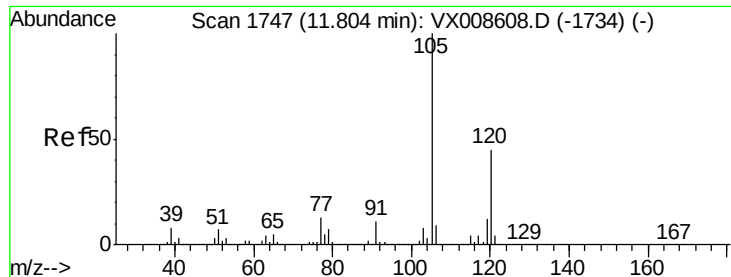
Ion Ratio Lower Upper

119 100

91 58.8 30.0 90.1

134 22.4 11.1 33.3

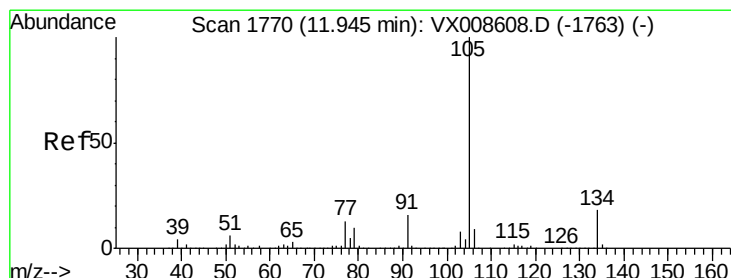
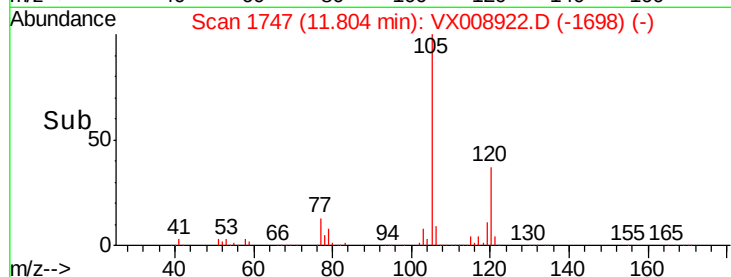
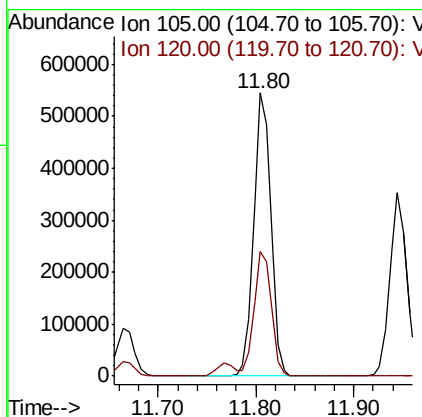
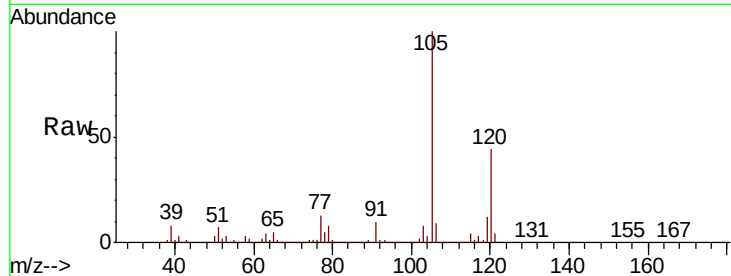




#84
 1,2,4-Trimethylbenzene
 Concen: 85.110 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

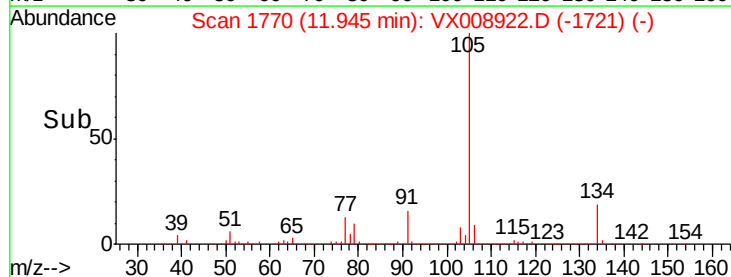
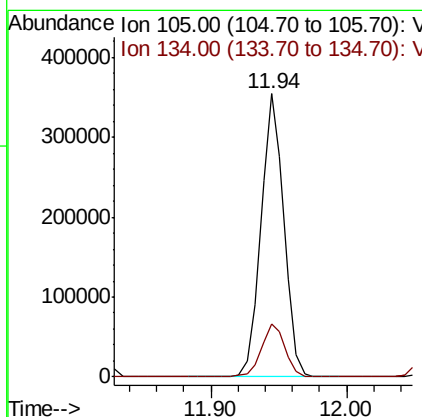
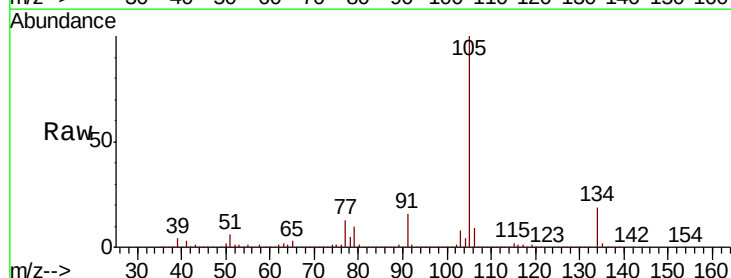
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

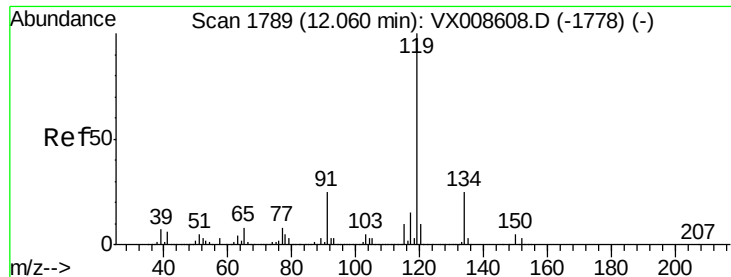
Tot Ion:105 Resp: 661459
 Ion Ratio Lower Upper
 105 100
 120 44.6 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 47.657 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion:105 Resp: 418008
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.4 28.2

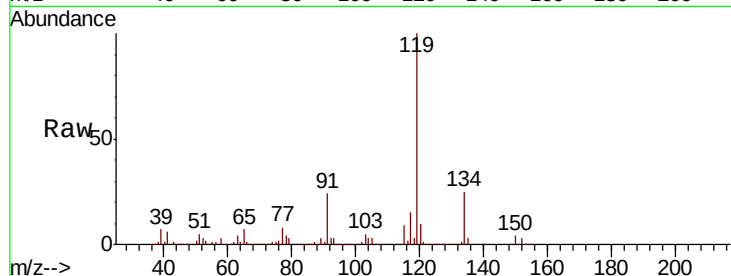




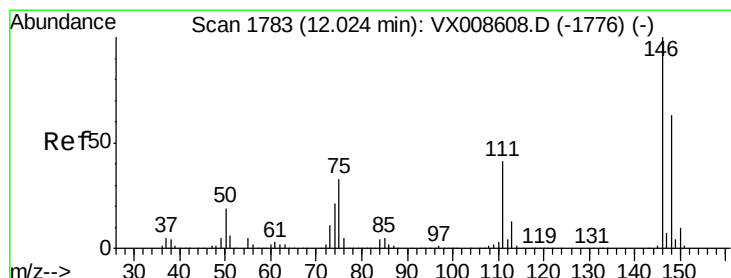
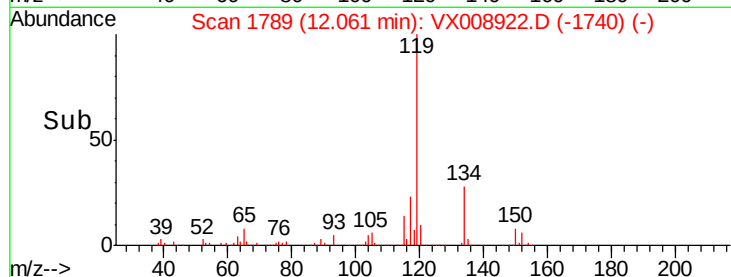
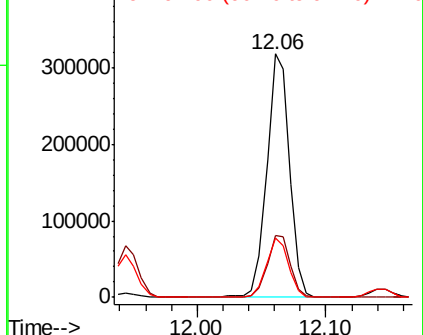
#86
 p-Isopropyltoluene
 Concen: 49.334 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.4
91	23.8	12.2	36.6

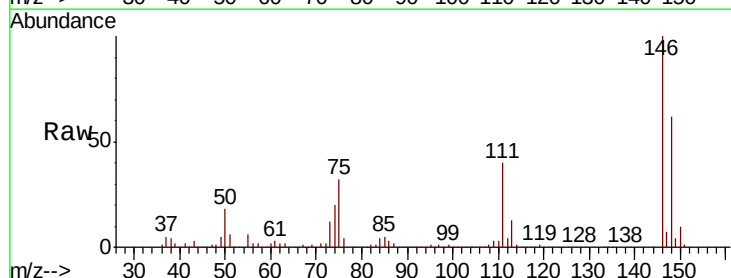


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

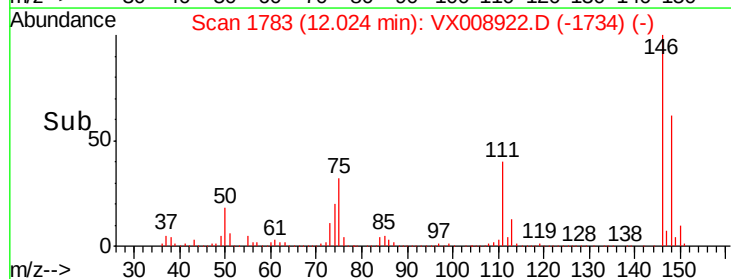
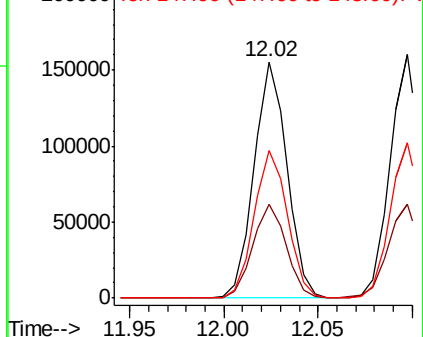


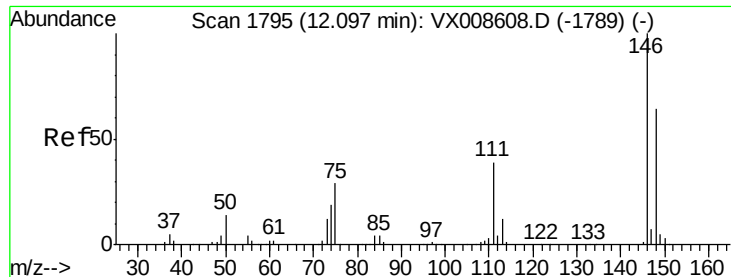
#87
 1,3-Dichlorobenzene
 Concen: 47.751 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.5	61.5
148	63.3	31.6	94.7



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

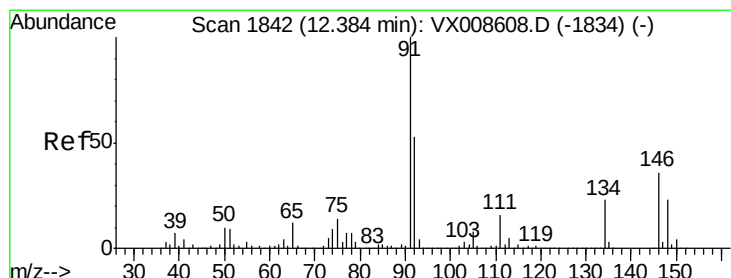
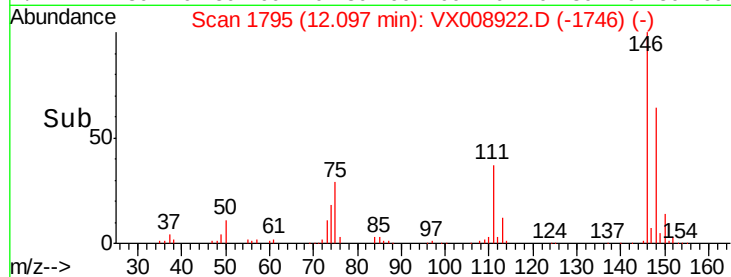
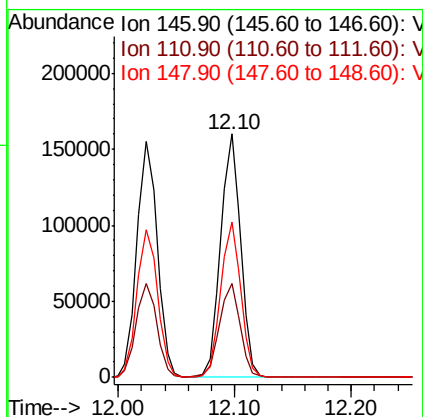
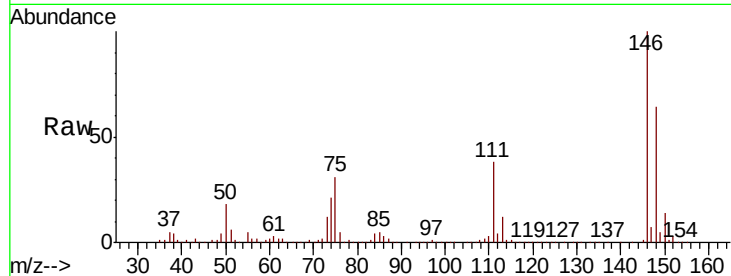




#88
 1,4-Dichlorobenzene
 Concen: 47.453 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

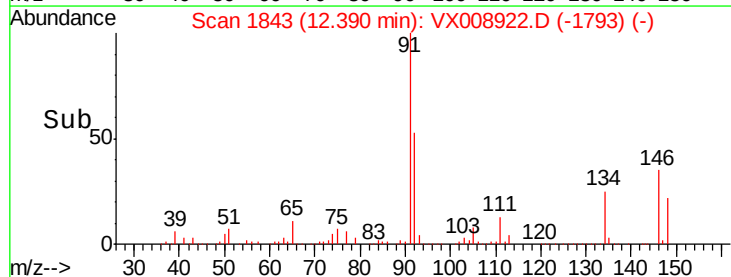
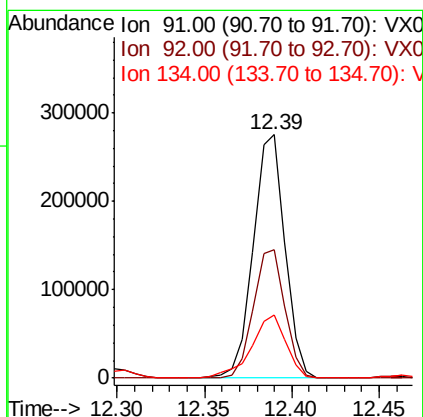
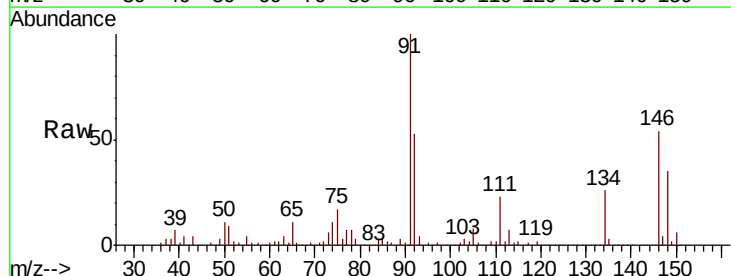
Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

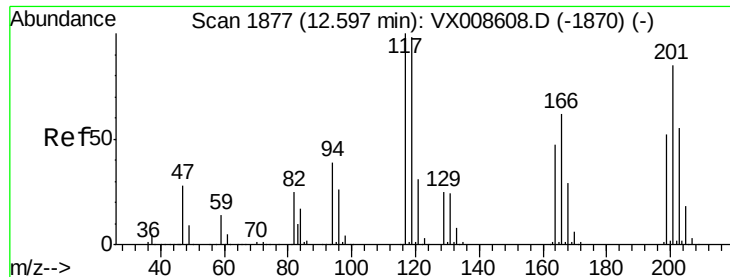
Tot Ion:146 Resp: 189091
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.2 60.6
 148 63.9 32.0 96.0



#89
 n-Butylbenzene
 Concen: 46.927 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Tgt Ion: 91 Resp: 346462
 Ion Ratio Lower Upper
 91 100
 92 52.5 26.4 79.2
 134 28.3 12.0 36.0





#90

Hexachloroethane

Concen: 53.535 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

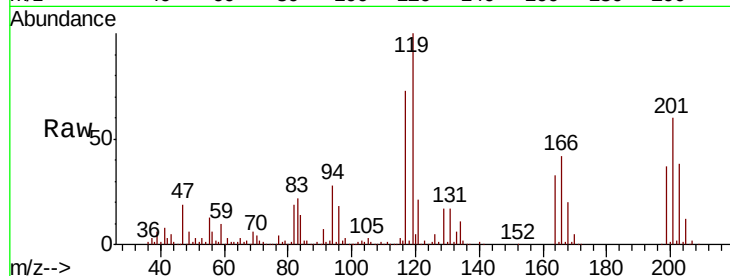
S8-0703MSD

Tot Ion:117 Resp: 69903

Ion Ratio Lower Upper

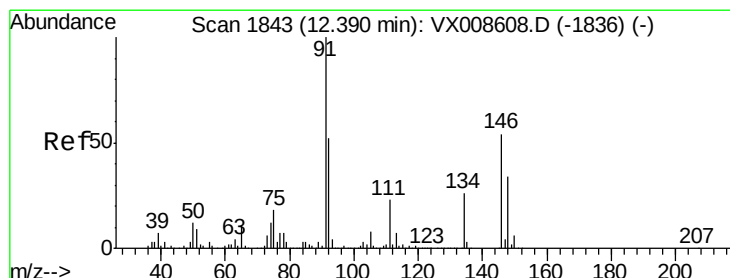
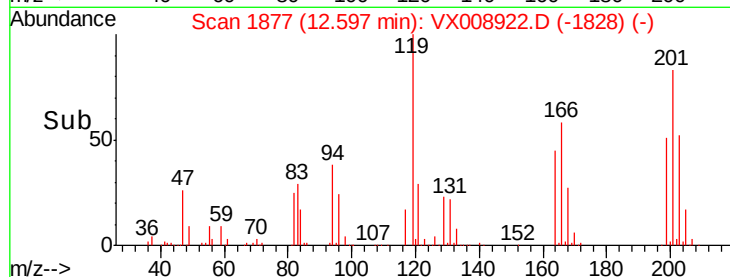
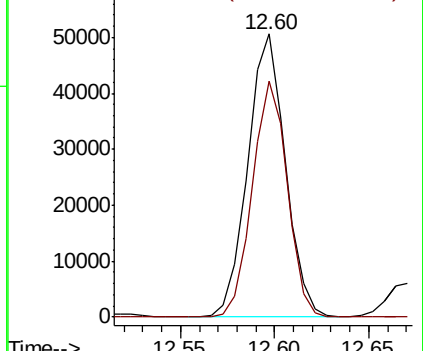
117 100

201 77.5 40.6 122.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.481 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

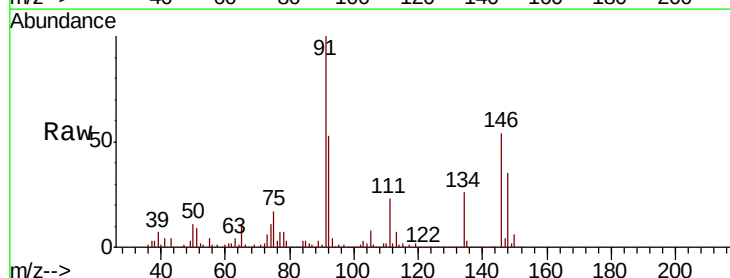
Tgt Ion:146 Resp: 185517

Ion Ratio Lower Upper

146 100

111 41.9 21.3 63.9

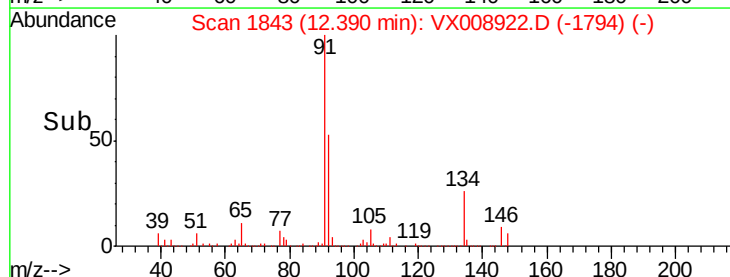
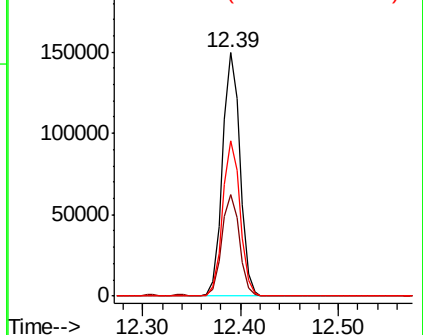
148 63.6 31.7 95.1

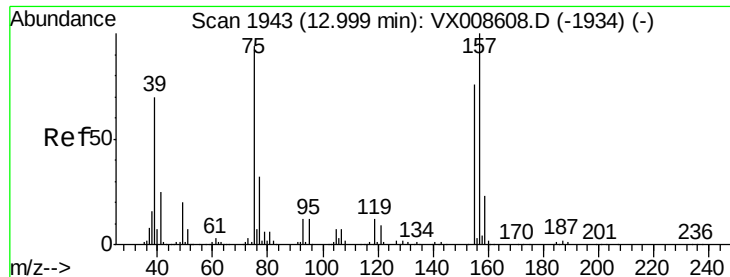


Abundance Ion 145.90 (145.60 to 146.60): V

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: 57.865 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

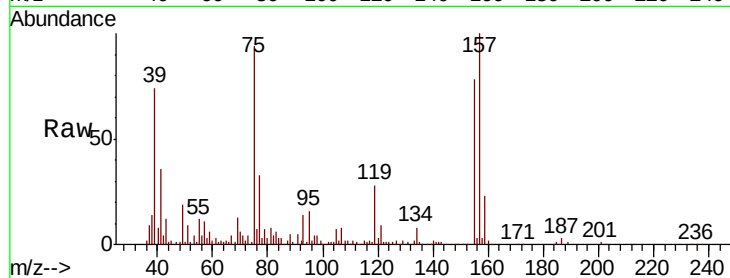
MSVOA_X

ClientSampleId :

S8-0703MSD

Tot Ion: 75 Resp: 44266

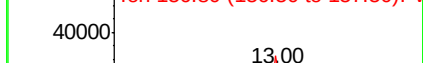
Ion	Ratio	Lower	Upper
75	100		
155	79.1	39.9	119.6
157	101.7	51.5	154.7



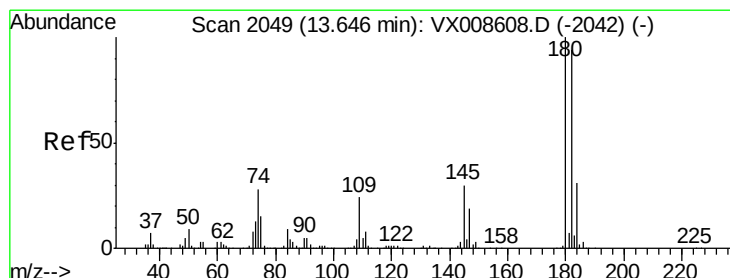
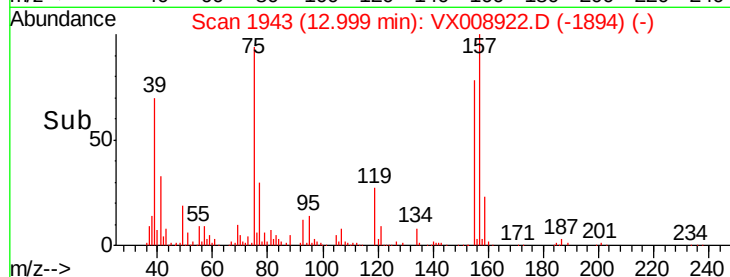
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 47.349 ug/l

RT: 13.65 min Scan# 2049

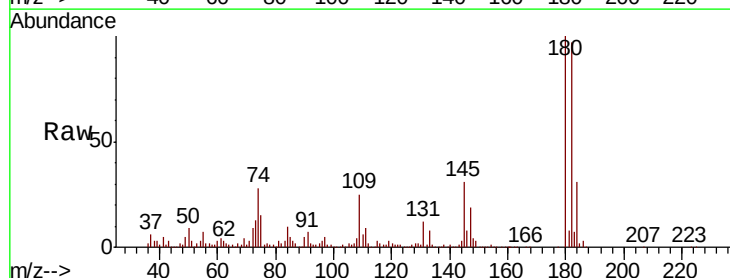
Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Tgt Ion:180 Resp: 128629

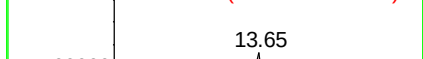
Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.2	141.6
145	32.2	15.3	45.9



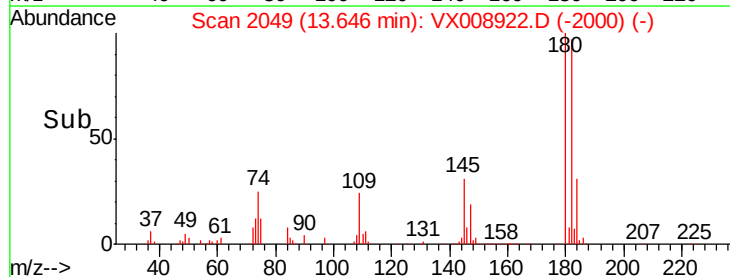
Abundance Ion 179.80 (179.50 to 180.50): V

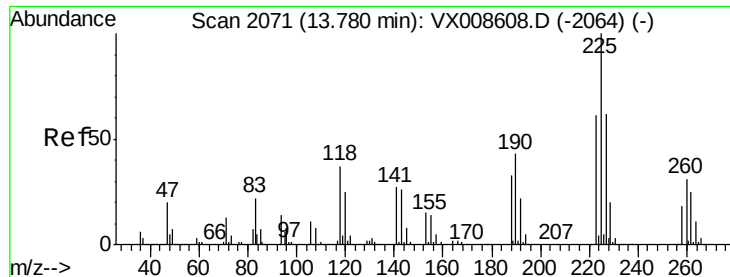
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->





#94

Hexachlorobutadiene

Concen: 39.970 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

Instrument :

MSVOA_X

ClientSampleId :

S8-0703MSD

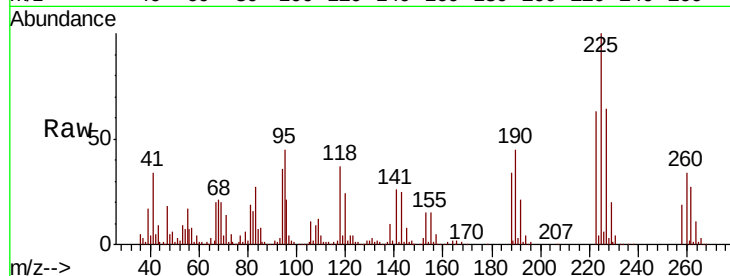
Tot Ion:225 Resp: 52075

Ion Ratio Lower Upper

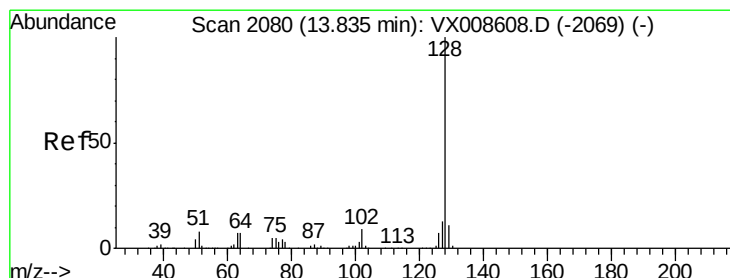
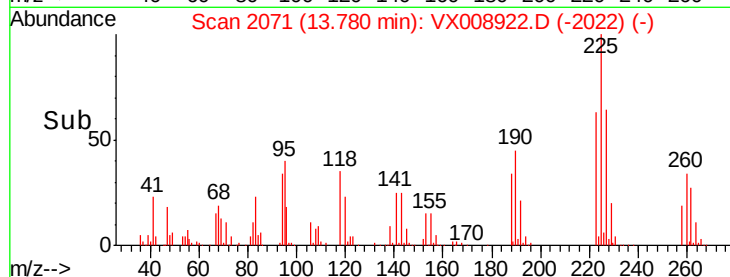
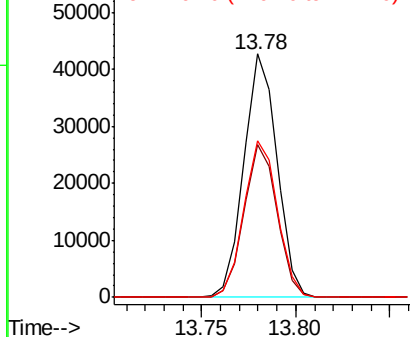
225 100

223 62.8 31.2 93.6

227 65.5 31.9 95.5



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: 62.962 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008922.D

Acq: 13 Apr 2019 05:55

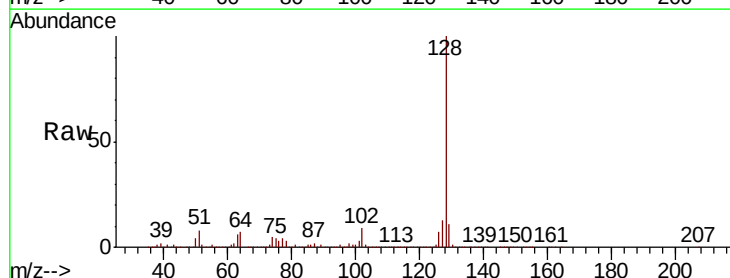
Tgt Ion:128 Resp: 571661

Ion Ratio Lower Upper

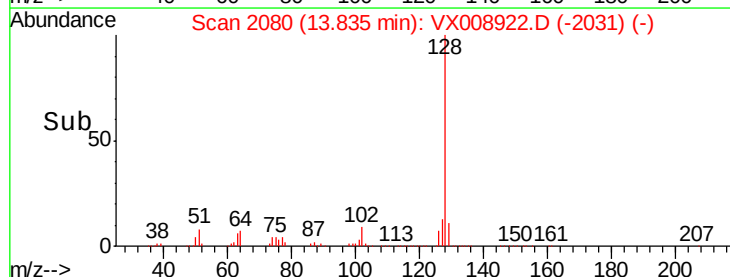
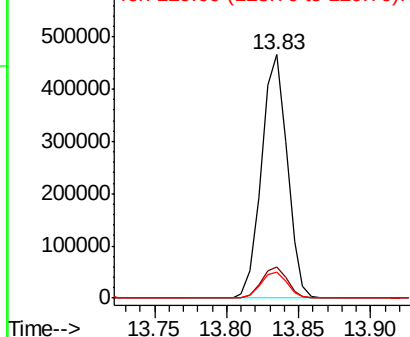
128 100

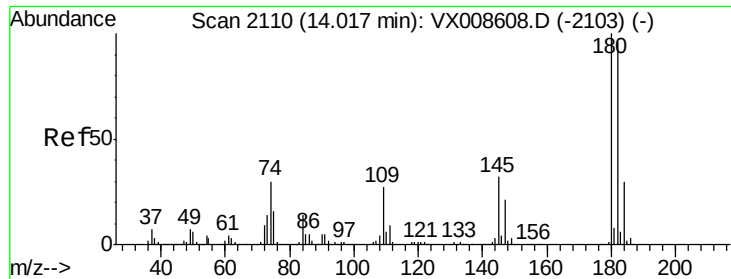
127 13.1 10.4 15.6

129 11.0 8.6 13.0



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

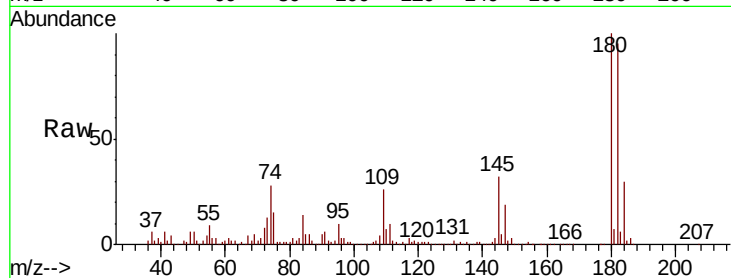




#96
 1,2,3-Trichlorobenzene
 Concen: 47.606 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX008922.D
 Acq: 13 Apr 2019 05:55

Instrument :
 MSVOA_X
 ClientSampleId :
 S8-0703MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.1	144.3
145	34.6	16.3	48.8



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

