

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011140.D
 Acq On : 29 Jul 2019 13:05
 Operator : JC/SP
 Sample : VX0729WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Quant Time: Jul 30 05:04:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	196612	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140278	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	103126	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
35) Dibromofluoromethane	5.49	113	91355	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	
50) Toluene-d8	8.71	98	341314	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	11.13	95	123865	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	36988	17.996	ug/l	98
3) Chloromethane	1.33	50	32917	18.206	ug/l	98
4) Vinyl Chloride	1.41	62	35946	19.491	ug/l	97
5) Bromomethane	1.64	94	20531	19.756	ug/l	99
6) Chloroethane	1.72	64	22697	19.367	ug/l	98
7) Trichlorofluoromethane	1.93	101	61742	19.778	ug/l	100
8) Diethyl Ether	2.19	74	20929	19.458	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34156	19.162	ug/l	99
10) Methyl Iodide	2.51	142	37393	15.986	ug/l	99
11) Tert butyl alcohol	3.04	59	46675	95.817	ug/l	99
12) 1,1-Dichloroethene	2.37	96	33216	18.967	ug/l	97
13) Acrolein	2.29	56	17219	61.181	ug/l	99
14) Allyl chloride	2.73	41	48813	19.189	ug/l	99
15) Acrylonitrile	3.14	53	97391	98.941	ug/l	99
16) Acetone	2.45	43	95717	101.321	ug/l	99
17) Carbon Disulfide	2.57	76	69485	15.468	ug/l	98
18) Methyl Acetate	2.78	43	46094	21.428	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	110174	19.542	ug/l	99
20) Methylene Chloride	2.85	84	37445	18.704	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	34431	18.529	ug/l	100
22) Diisopropyl ether	3.85	45	107748	20.083	ug/l	98
23) Vinyl Acetate	3.82	43	445629	98.032	ug/l	100
24) 1,1-Dichloroethane	3.70	63	60174	19.313	ug/l	99
25) 2-Butanone	4.67	43	139409	102.802	ug/l	98
26) 2,2-Dichloropropane	4.58	77	49612	19.393	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	40993	19.062	ug/l	99
28) Bromochloromethane	5.02	49	27198	18.524	ug/l	99
29) Tetrahydrofuran	5.13	42	84487	98.355	ug/l	99
30) Chloroform	5.21	83	66212	19.660	ug/l	99
31) Cyclohexane	5.58	56	50588	17.813	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	56076	19.246	ug/l	98
36) 1,1-Dichloropropene	5.80	75	44944	19.028	ug/l	99
37) Ethyl Acetate	4.84	43	49839	20.606	ug/l	97
38) Carbon Tetrachloride	5.78	117	48930	19.880	ug/l	97

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 VX0729WBSD01

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	56158	18.334	ug/l	98
40) Benzene	6.14	78	142829	19.740	ug/l	99
41) Methacrylonitrile	5.04	41	26917	19.604	ug/l	99
42) 1,2-Dichloroethane	6.19	62	51312	20.397	ug/l	99
43) Isopropyl Acetate	6.45	43	78648	19.776	ug/l	99
44) Trichloroethene	7.21	130	41908	19.568	ug/l	97
45) 1,2-Dichloropropane	7.51	63	37010	20.097	ug/l	99
46) Dibromomethane	7.66	93	26245	19.945	ug/l	98
47) Bromodichloromethane	7.90	83	47129	20.120	ug/l	98
48) Methyl methacrylate	7.77	41	39222	20.245	ug/l	97
49) 1,4-Dioxane	7.74	88	21179	390.807	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	271096	105.157	ug/l	99
52) Toluene	8.78	92	92536	19.469	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	49519	19.661	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	54353	19.394	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	39994	20.436	ug/l	98
56) Ethyl methacrylate	9.18	69	57501	20.086	ug/l	97
57) 1,3-Dichloropropane	9.37	76	62189	20.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	145733	106.643	ug/l	100
59) 2-Hexanone	9.49	43	212068	106.058	ug/l	100
60) Dibromochloromethane	9.58	129	39440	19.153	ug/l	99
61) 1,2-Dibromoethane	9.67	107	42139	20.289	ug/l	99
64) Tetrachloroethene	9.34	164	41627	20.036	ug/l	98
65) Chlorobenzene	10.13	112	105602	19.468	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	38158	20.015	ug/l	98
67) Ethyl Benzene	10.25	91	182207	19.734	ug/l	100
68) m/p-Xylenes	10.36	106	139872	39.493	ug/l	98
69) o-Xylene	10.69	106	68022	19.679	ug/l	100
70) Styrene	10.71	104	114533	19.877	ug/l	100
71) Bromoform	10.85	173	29357	18.599	ug/l #	98
73) Isopropylbenzene	11.02	105	184273	19.441	ug/l	100
74) N-amyl acetate	10.90	43	69607	19.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	62956	20.296	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	65904	26.035	ug/l	84
77) Bromobenzene	11.25	156	48314	18.479	ug/l	96
78) n-propylbenzene	11.36	91	203109	19.393	ug/l	100
79) 2-Chlorotoluene	11.42	91	122604	19.488	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	156187	19.720	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15938	18.662	ug/l	91
82) 4-Chlorotoluene	11.51	91	140639	19.206	ug/l	100
83) tert-Butylbenzene	11.77	119	151529	19.477	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	158451	19.849	ug/l	99
85) sec-Butylbenzene	11.94	105	178835	19.618	ug/l	99
86) p-Isopropyltoluene	12.06	119	165329	19.618	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	88461	19.496	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	88932	19.111	ug/l	98
89) n-Butylbenzene	12.38	91	140761	19.523	ug/l	99
90) Hexachloroethane	12.59	117	24581	18.493	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	89664	19.940	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13353	20.594	ug/l	96

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Instrument :
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ClientSampleId :
VX0729WBSD01

Quant Time: Jul 30 05:04:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

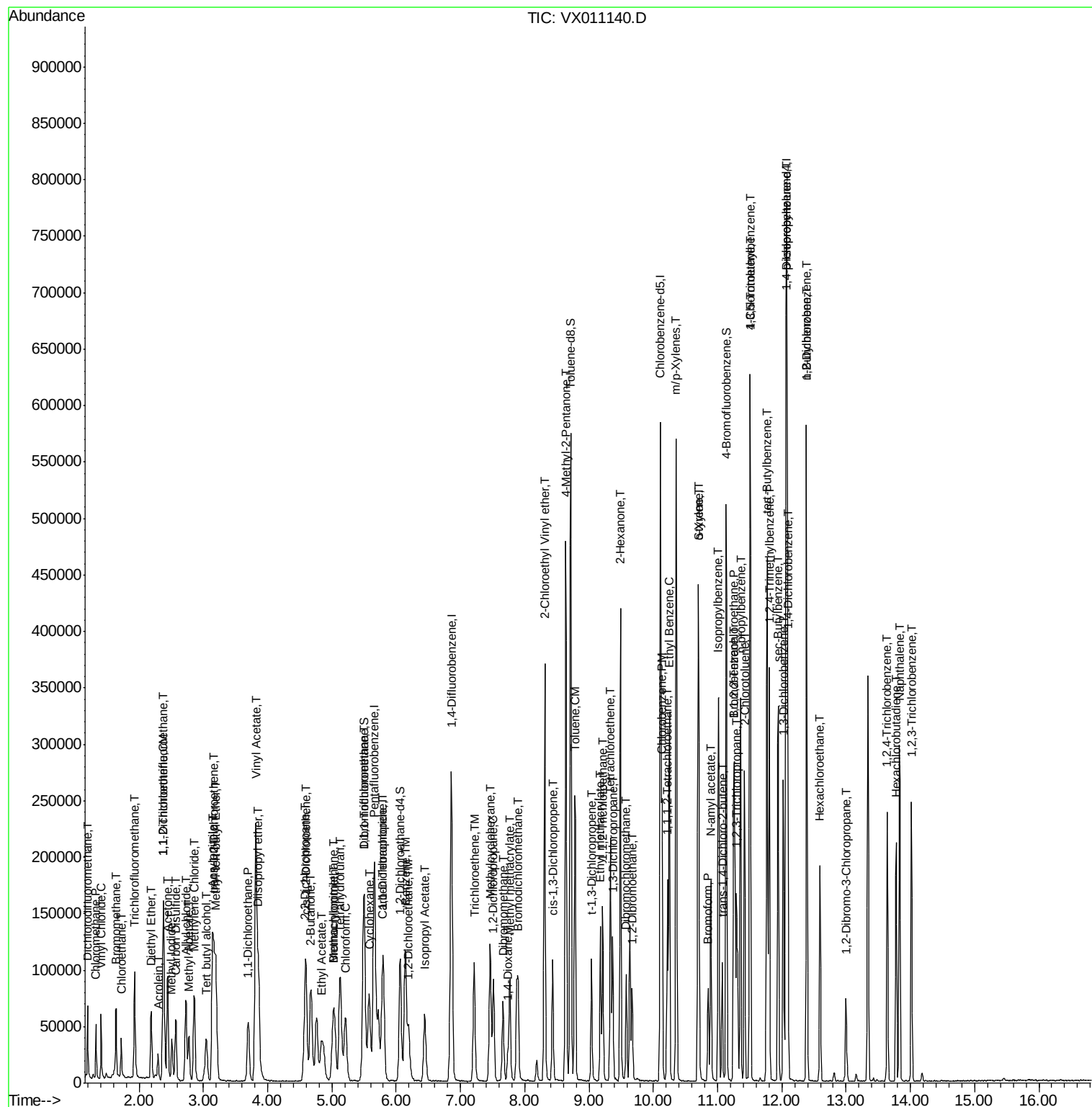
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	60370	19.810	ug/l	100
94) Hexachlorobutadiene	13.78	225	30754	20.364	ug/l	98
95) Naphthalene	13.83	128	184853	20.541	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61678	20.341	ug/l	99

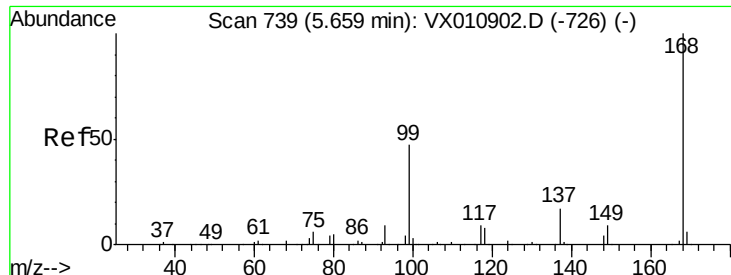
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072919\
Data File : VX011140.D
Acq On : 29 Jul 2019 13:05
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Sample : VX0729WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Quant Time: Jul 30 05:04:36 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

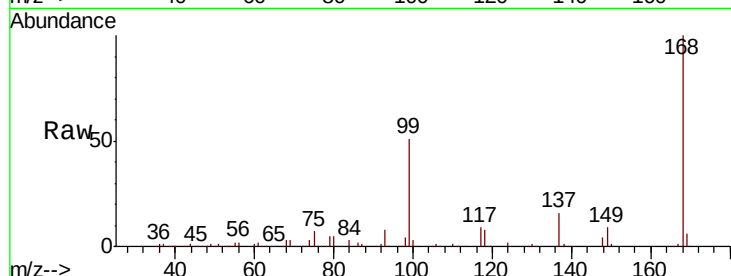
VX0729WBSD01

Tot Ion:168 Resp: 196612

Ion Ratio Lower Upper

168 100

99 50.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

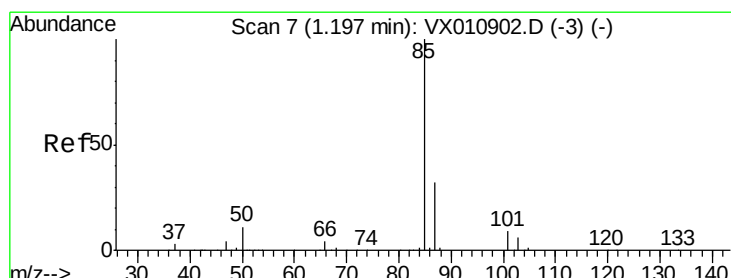
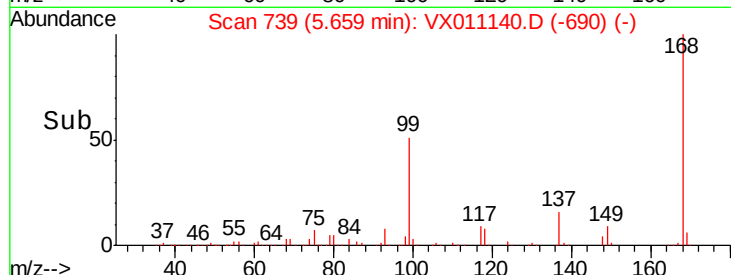
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.996 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011140.D

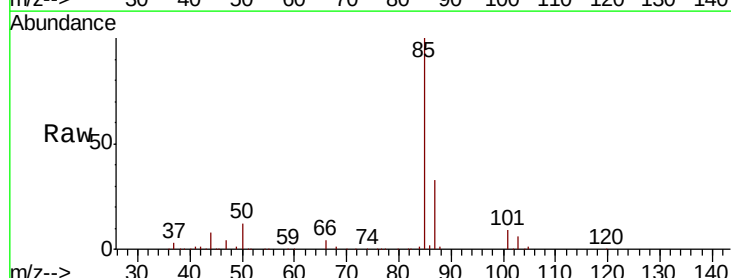
Acq: 29 Jul 2019 13:05

Tgt Ion: 85 Resp: 36988

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

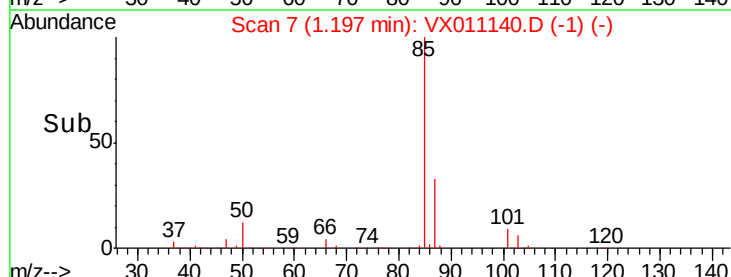
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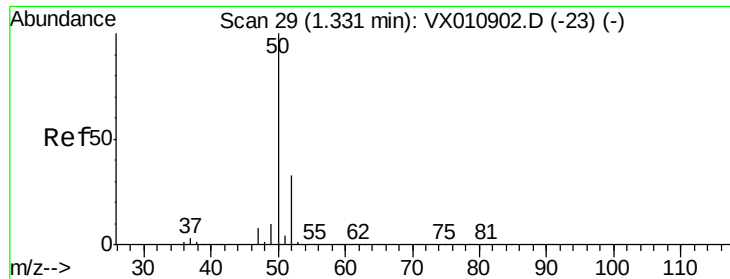
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.206 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

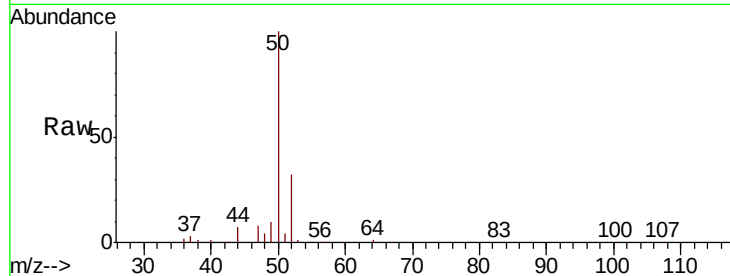
VX0729WBSD01

Tot Ion: 50 Resp: 32917

Ion Ratio Lower Upper

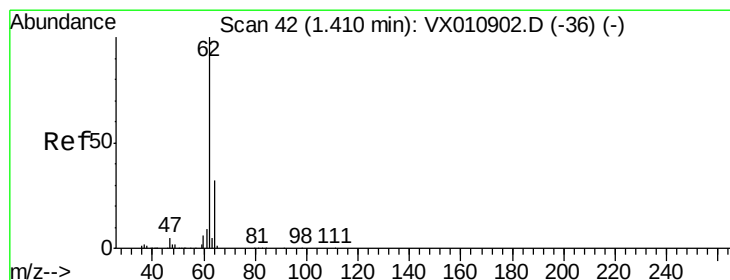
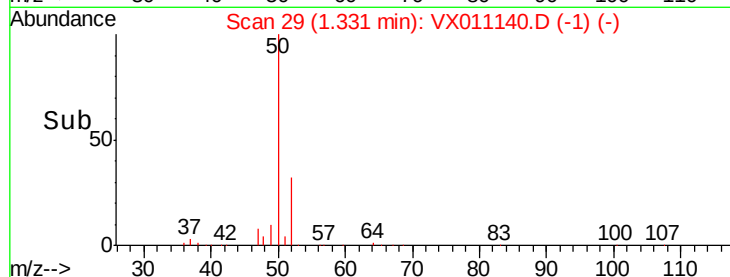
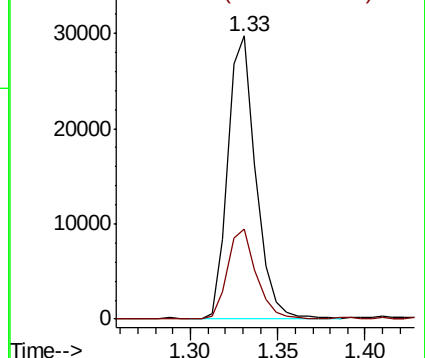
50 100

52 31.9 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.491 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011140.D

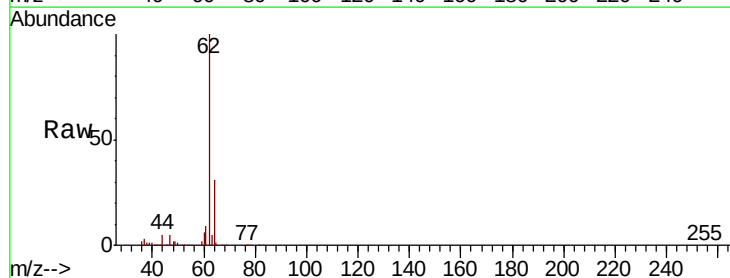
Acq: 29 Jul 2019 13:05

Tgt Ion: 62 Resp: 35946

Ion Ratio Lower Upper

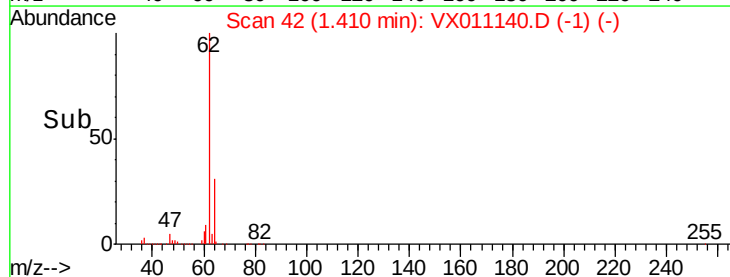
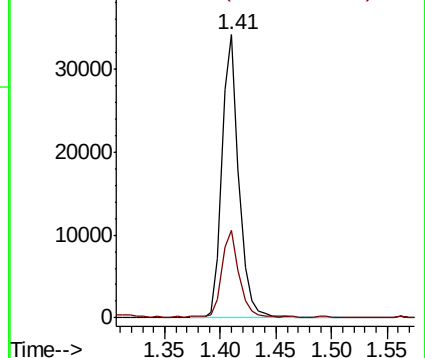
62 100

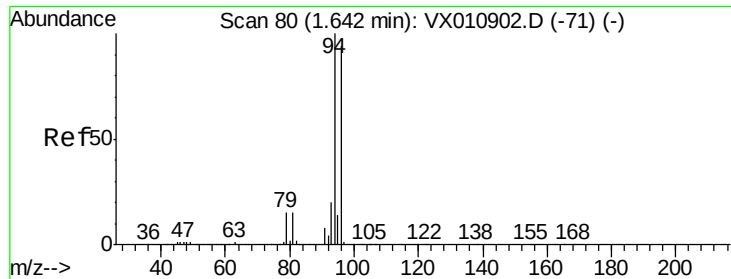
64 30.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.756 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

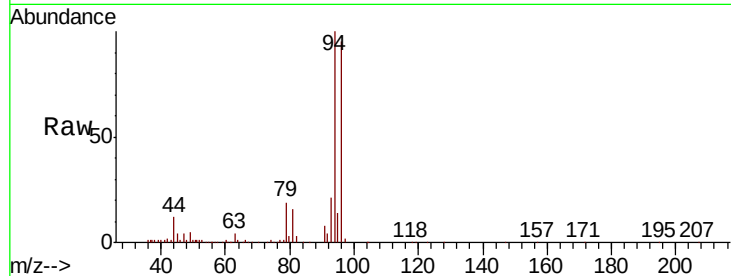
VX0729WBSD01

Tot Ion: 94 Resp: 20531

Ion Ratio Lower Upper

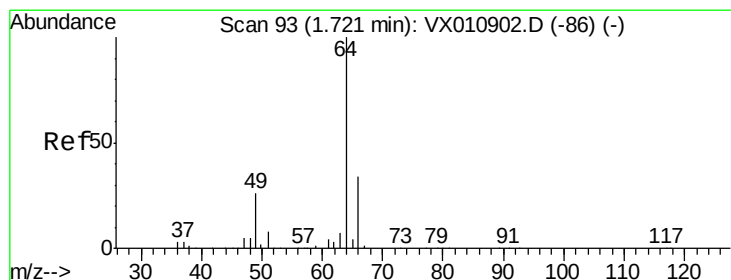
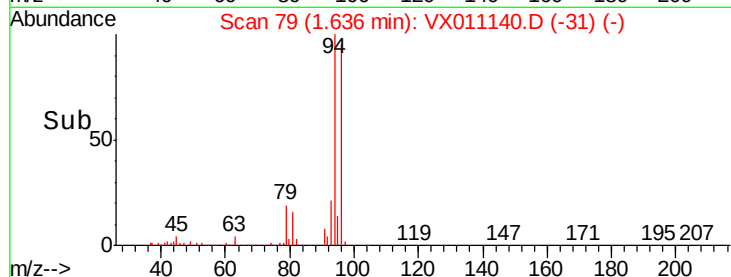
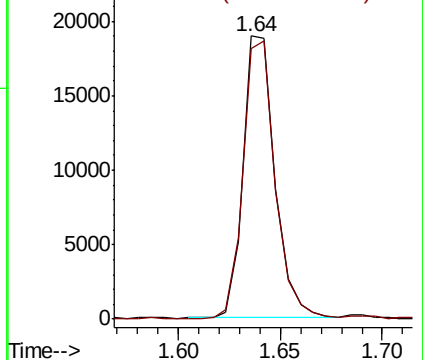
94 100

96 95.8 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.367 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX011140.D

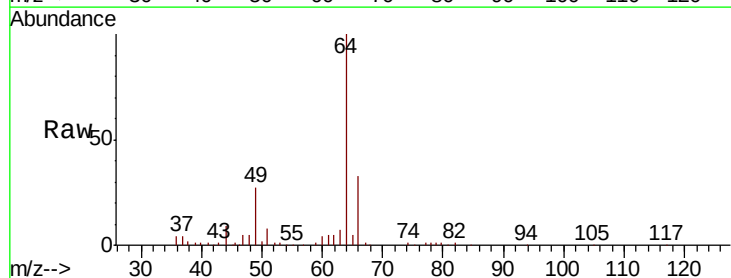
Acq: 29 Jul 2019 13:05

Tgt Ion: 64 Resp: 22697

Ion Ratio Lower Upper

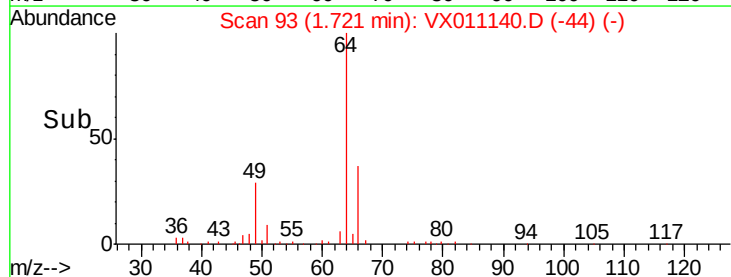
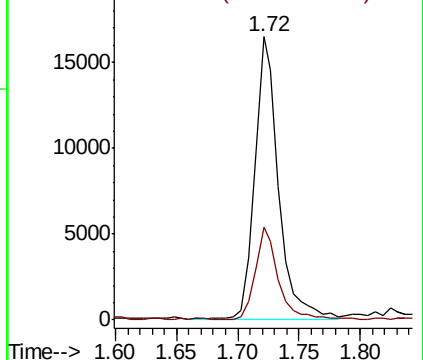
64 100

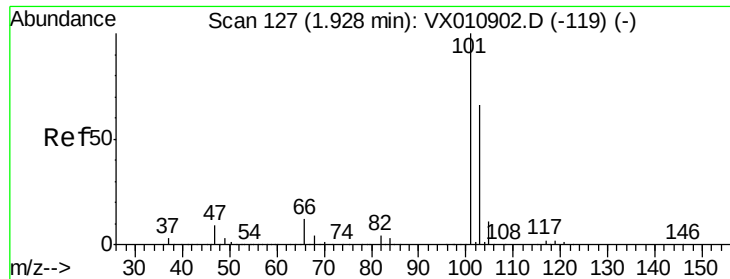
66 32.4 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



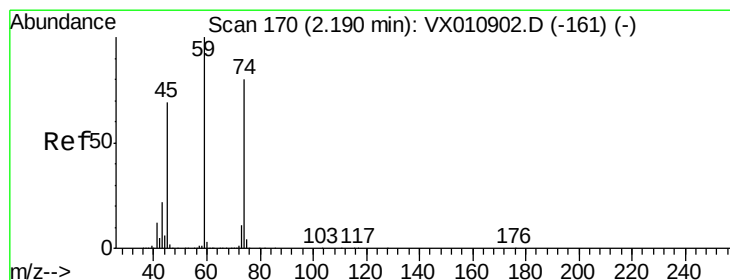
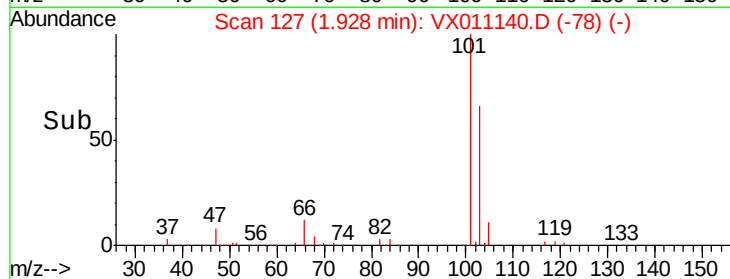
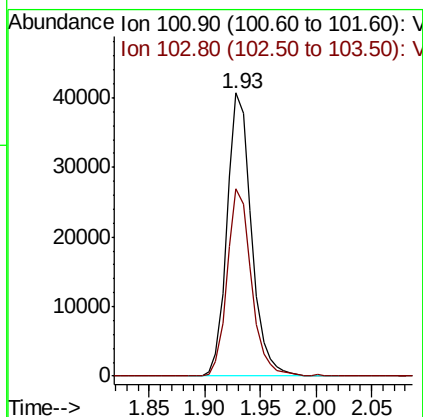
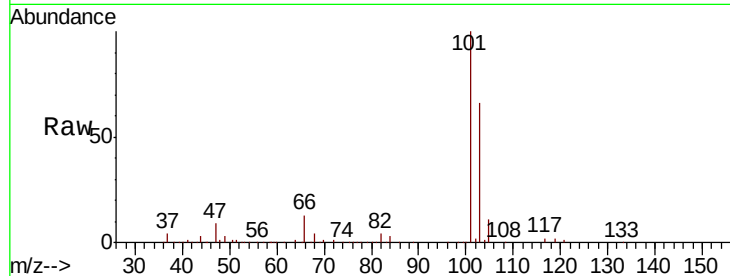


#7

Trichlorofluoromethane
Concen: 19.778 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

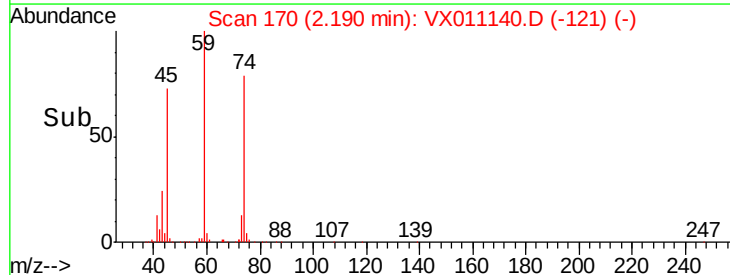
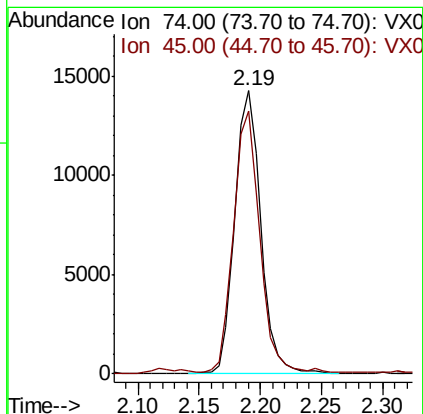
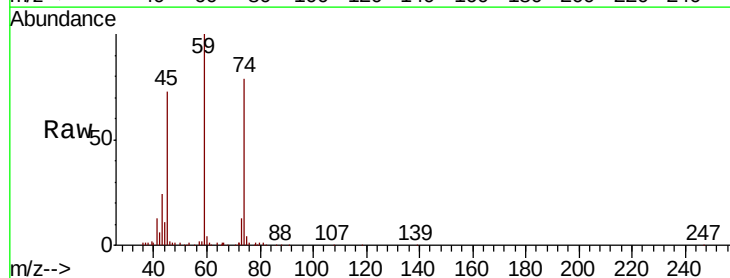
Tot Ion:101 Resp: 61742
Ion Ratio Lower Upper
101 100
103 66.1 52.6 78.8

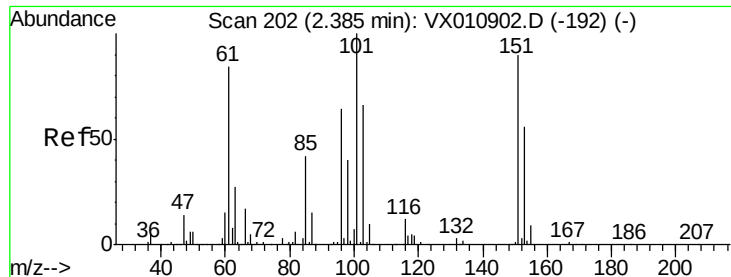


#8

Diethyl Ether
Concen: 19.458 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Tgt Ion: 74 Resp: 20929
Ion Ratio Lower Upper
74 100
45 91.9 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.162 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

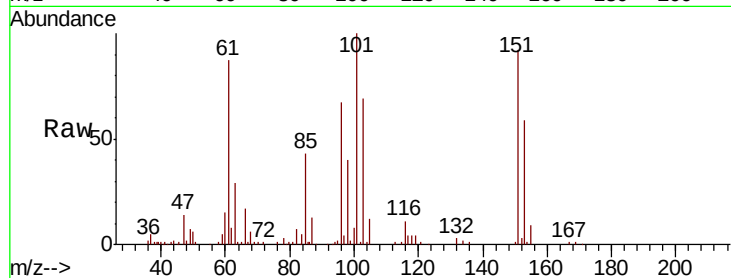
Tot Ion:101 Resp: 34156

Ion Ratio Lower Upper

101 100

85 44.3 34.6 52.0

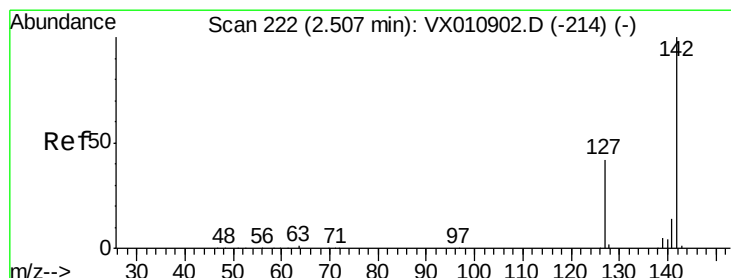
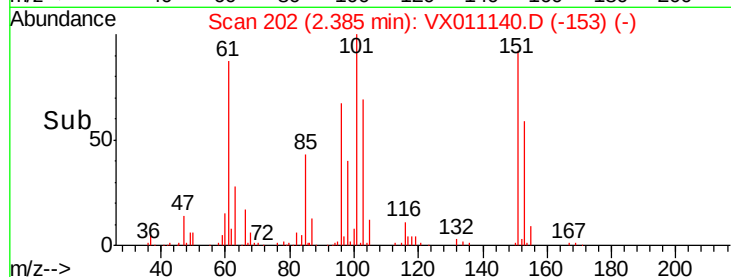
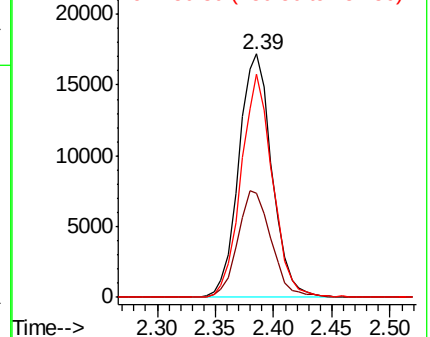
151 87.1 69.6 104.4



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: 15.986 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

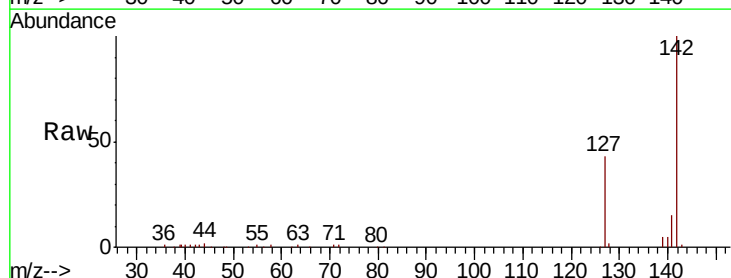
Tgt Ion:142 Resp: 37393

Ion Ratio Lower Upper

142 100

127 43.8 34.2 51.4

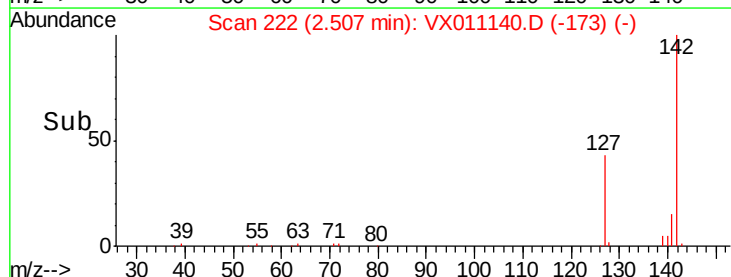
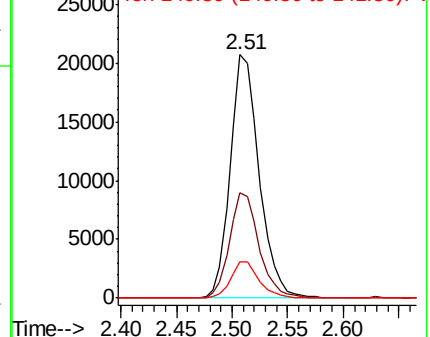
141 14.7 11.7 17.5

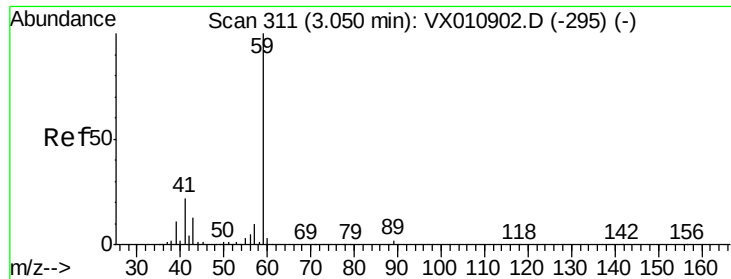


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

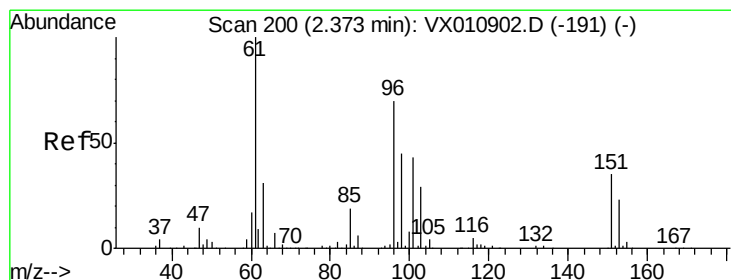
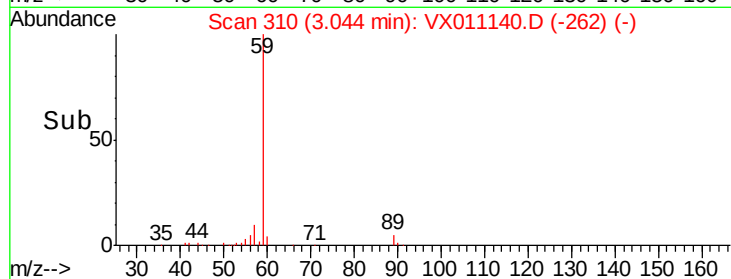
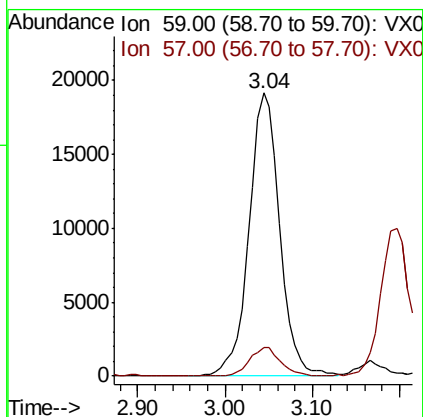
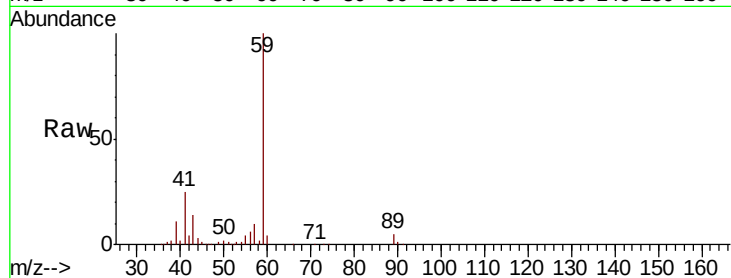




#11
Tert butyl alcohol
Concen: 95.817 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

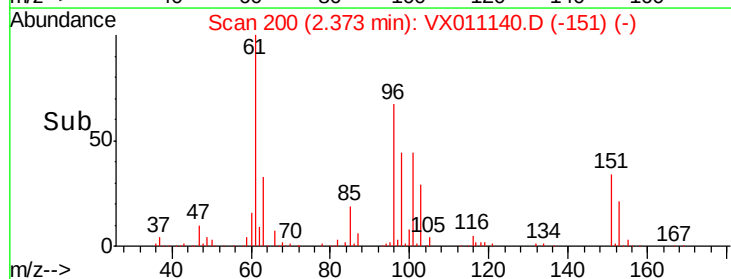
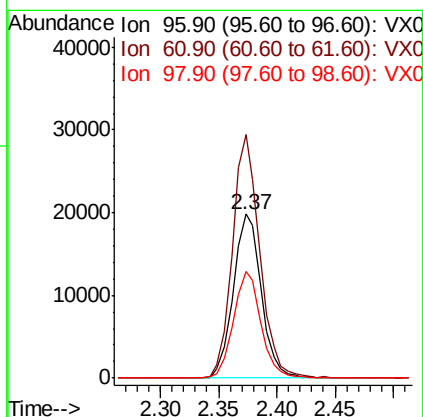
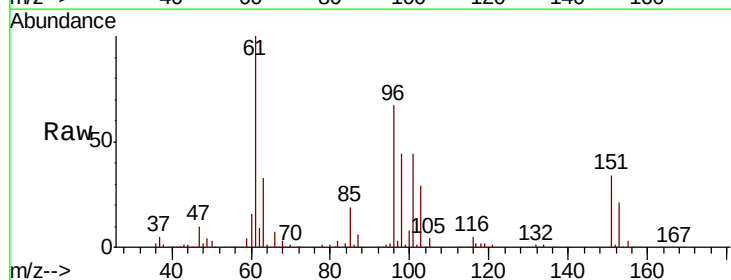
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

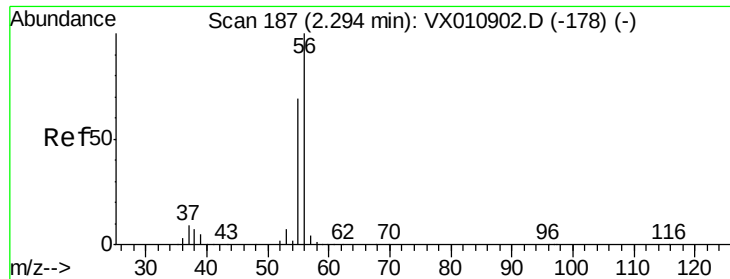
Tot Ion: 59 Resp: 46675
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9



#12
1,1-Dichloroethene
Concen: 18.967 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Tgt Ion: 96 Resp: 33216
Ion Ratio Lower Upper
96 100
61 148.4 115.0 172.4
98 64.9 52.2 78.2





#13

Acrolein

Concen: 61.181 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

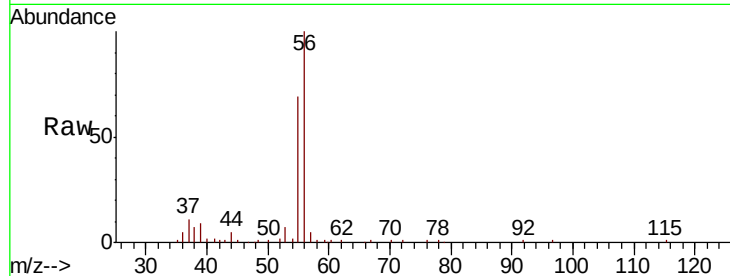
VX0729WBSD01

Tot Ion: 56 Resp: 17219

Ion Ratio Lower Upper

56 100

55 70.5 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

12000

10000

8000

6000

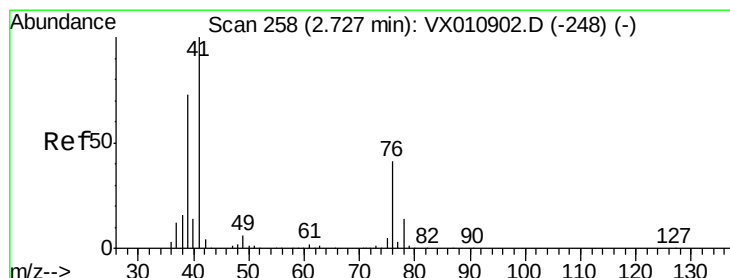
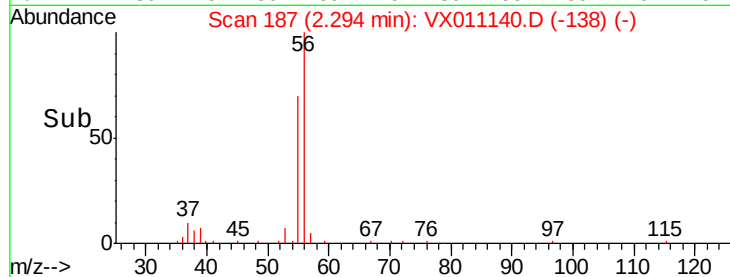
4000

2000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 19.189 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

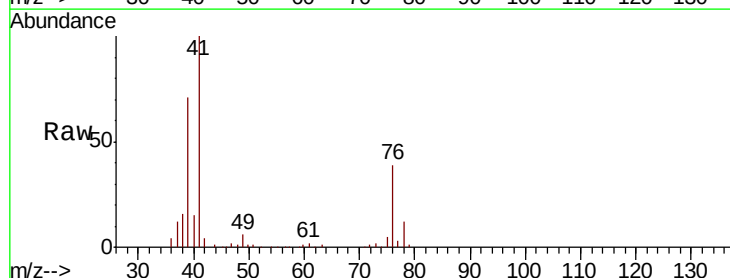
Tgt Ion: 41 Resp: 48813

Ion Ratio Lower Upper

41 100

39 67.6 53.6 80.4

76 36.2 29.7 44.5



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

50000

40000

30000

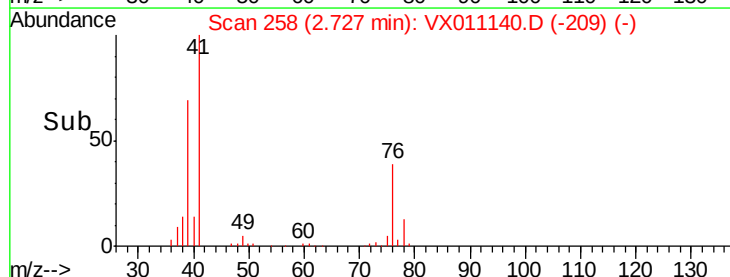
20000

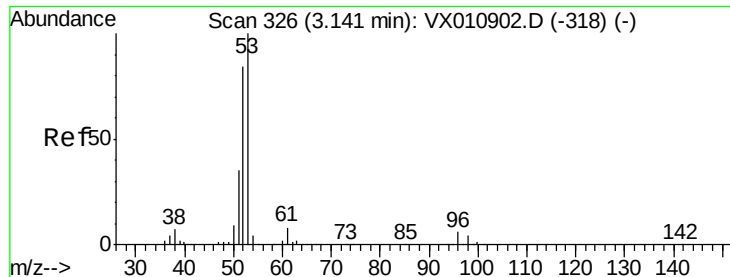
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 98.941 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

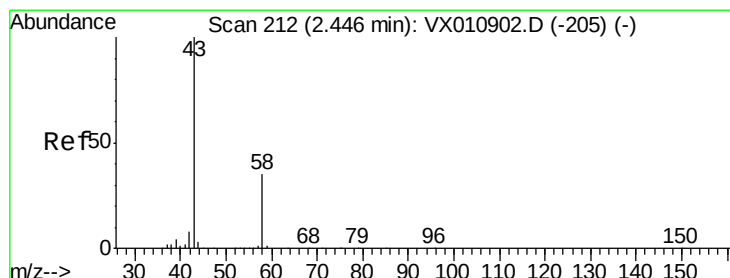
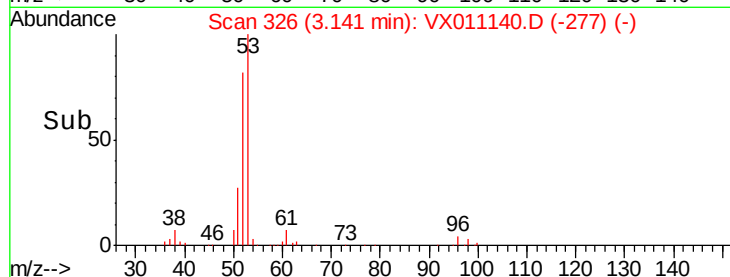
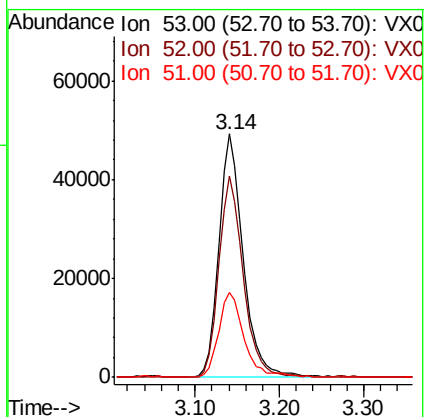
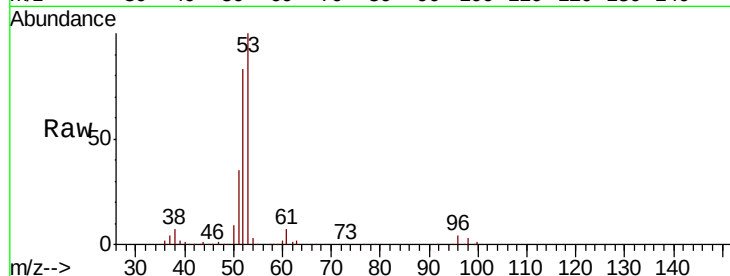
Tot Ion: 53 Resp: 97391

Ion Ratio Lower Upper

53 100

52 83.6 66.5 99.7

51 36.1 28.2 42.4



#16

Acetone

Concen: 101.321 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011140.D

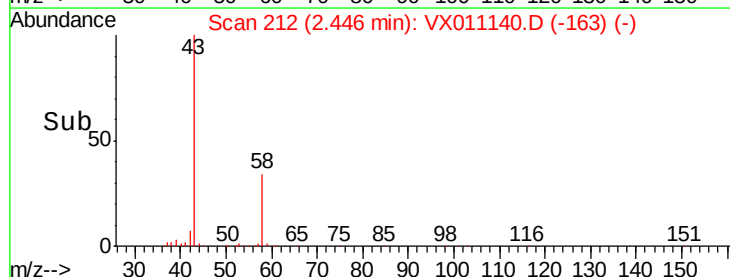
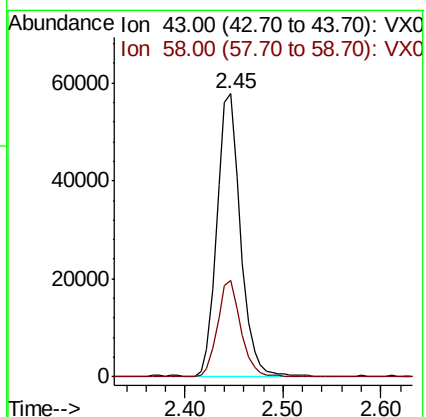
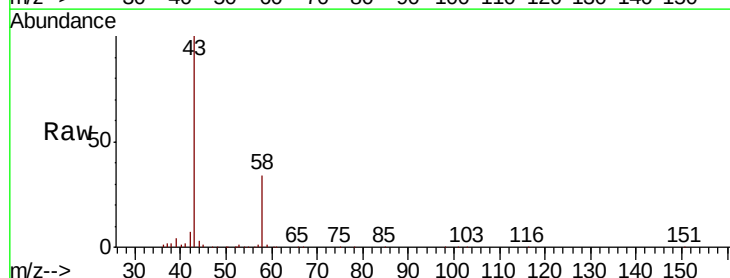
Acq: 29 Jul 2019 13:05

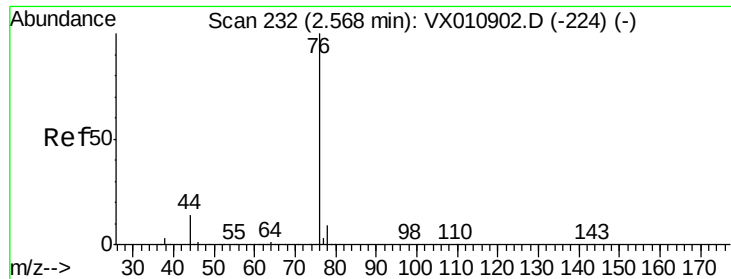
Tgt Ion: 43 Resp: 95717

Ion Ratio Lower Upper

43 100

58 34.2 27.7 41.5





#17

Carbon Disulfide

Concen: 15.468 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

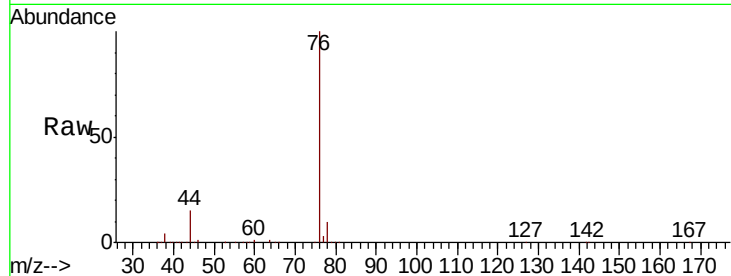
VX0729WBSD01

Tot Ion: 76 Resp: 69485

Ion Ratio Lower Upper

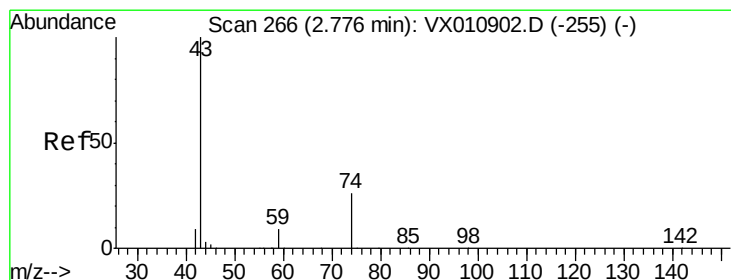
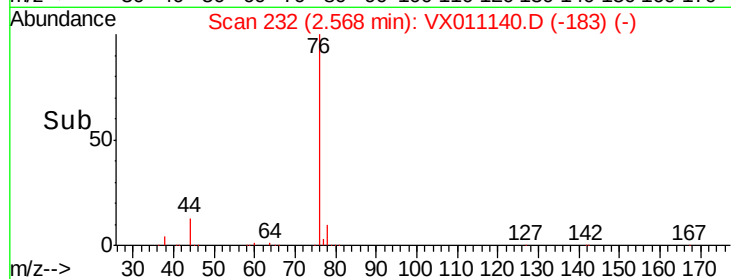
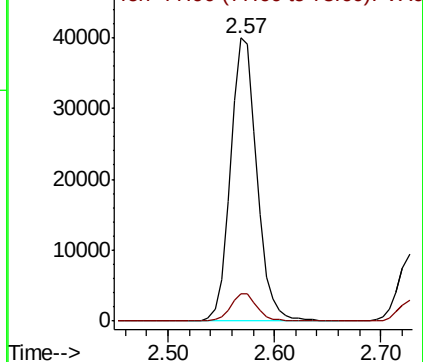
76 100

78 9.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.428 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX011140.D

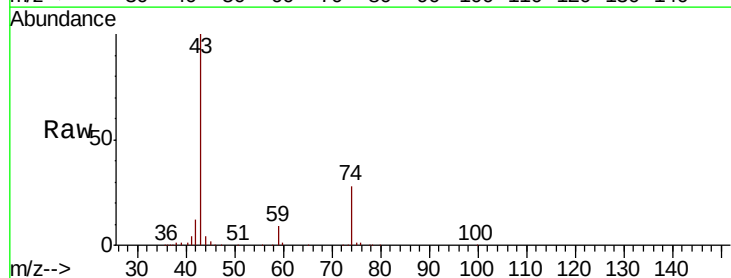
Acq: 29 Jul 2019 13:05

Tgt Ion: 43 Resp: 46094

Ion Ratio Lower Upper

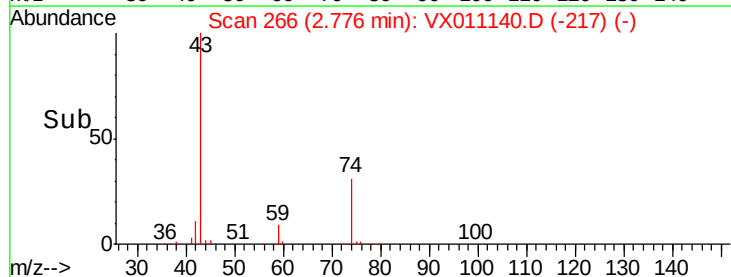
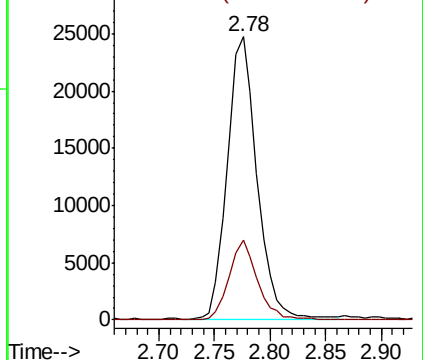
43 100

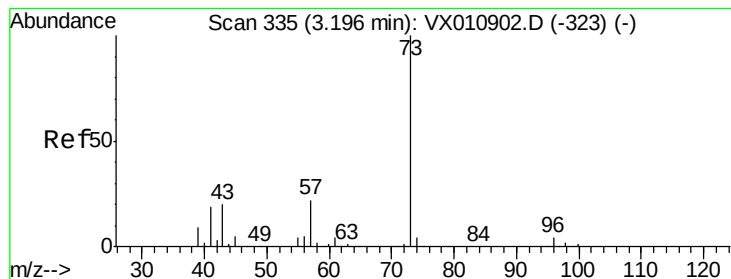
74 26.8 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



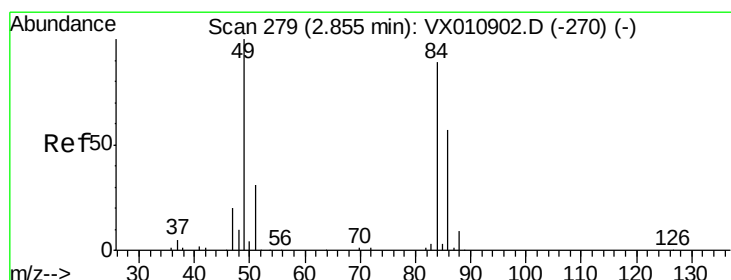
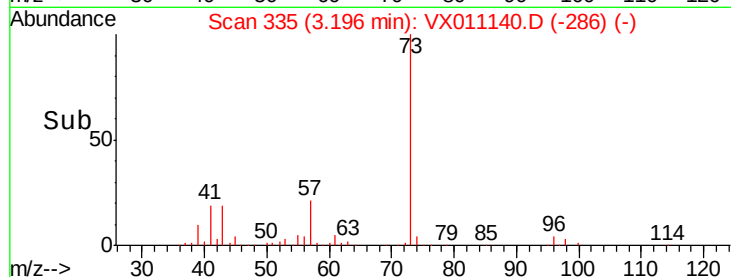
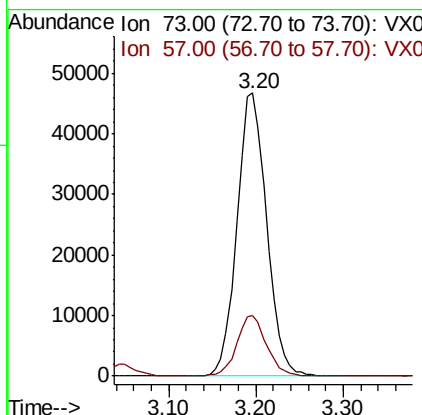
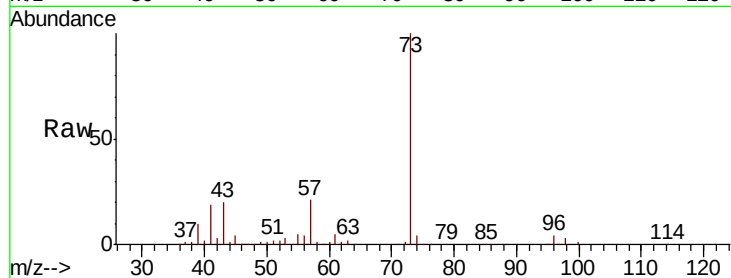


#19

Methyl tert-butyl Ether
 Concen: 19.542 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0729WBSD01

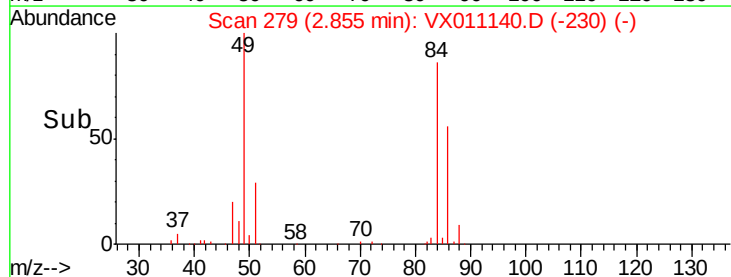
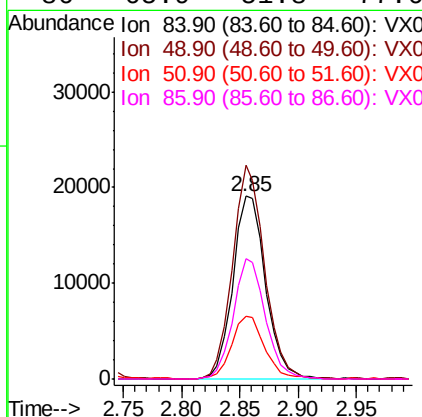
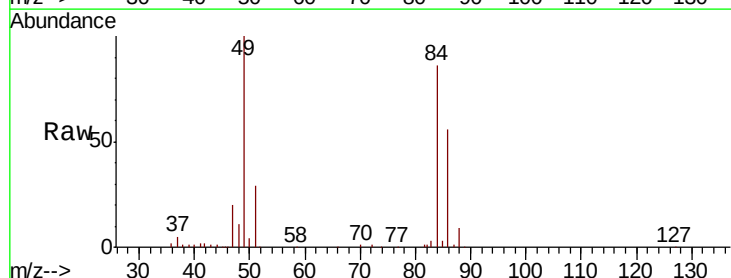
Tot Ion: 73 Resp: 110174
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.3 25.9

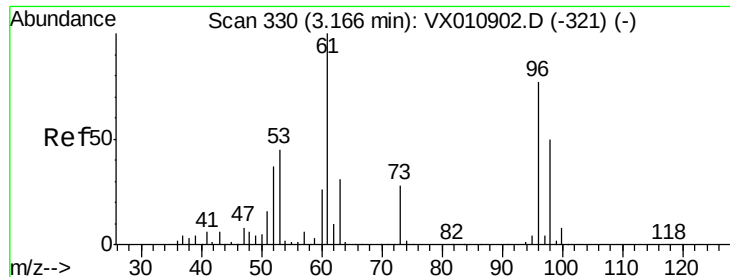


#20

Methylene Chloride
 Concen: 18.704 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Tgt Ion: 84 Resp: 37445
 Ion Ratio Lower Upper
 84 100
 49 116.9 89.9 134.9
 51 34.5 27.8 41.6
 86 65.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.529 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

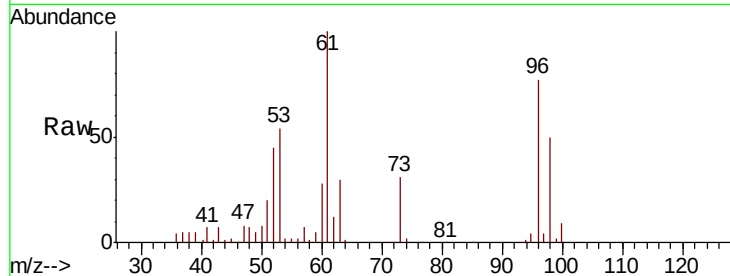
Tot Ion: 96 Resp: 34431

Ion Ratio Lower Upper

96 100

61 130.3 104.2 156.2

98 65.0 52.2 78.4

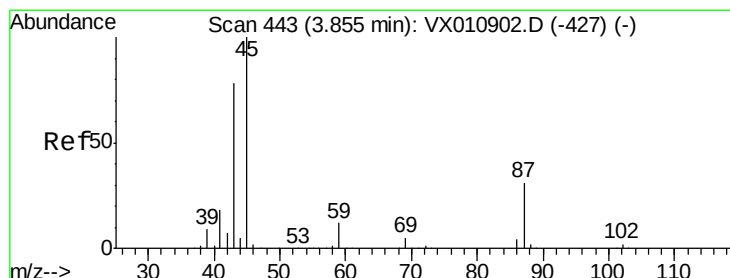
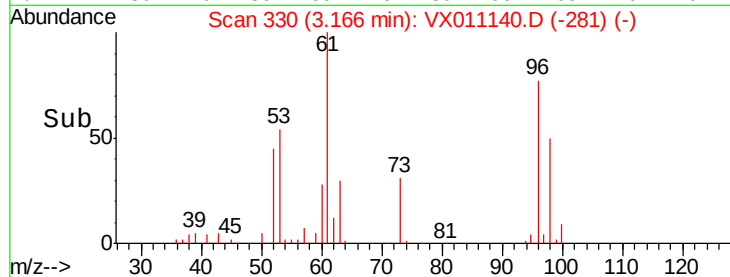
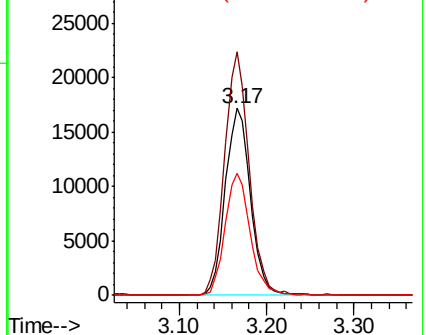


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.083 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Tgt Ion: 45 Resp: 107748

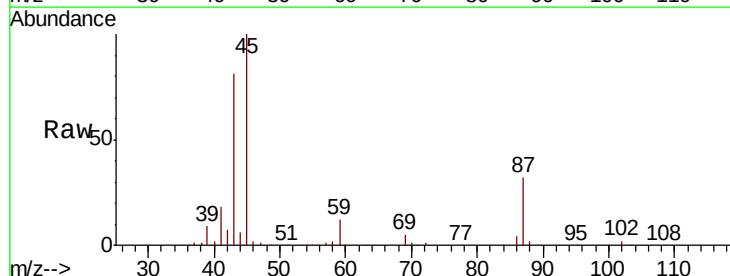
Ion Ratio Lower Upper

45 100

43 80.3 62.3 93.5

87 31.6 25.0 37.4

59 12.0 9.9 14.9



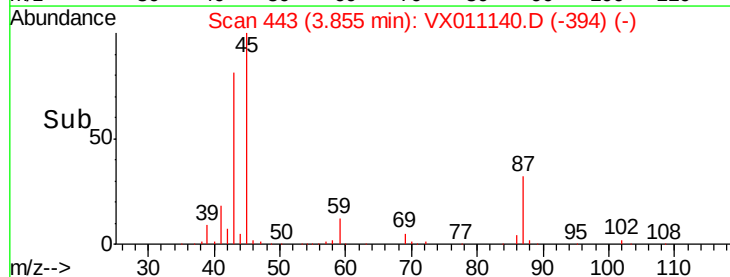
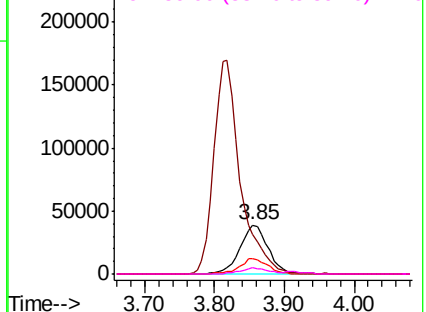
Abundance

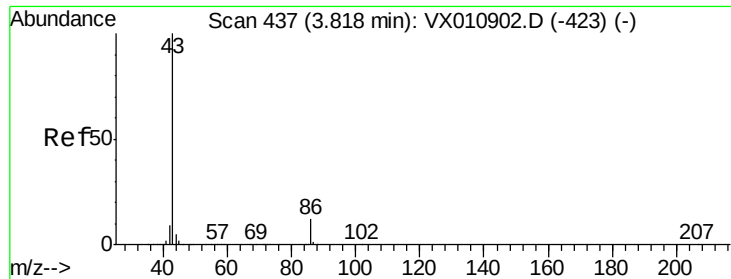
Ion 45.00 (44.70 to 45.70): VX0

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: 98.032 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

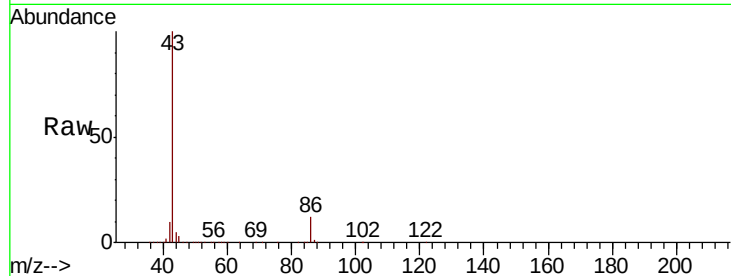
VX0729WBSD01

Tot Ion: 43 Resp: 445629

Ion Ratio Lower Upper

43 100

86 11.6 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

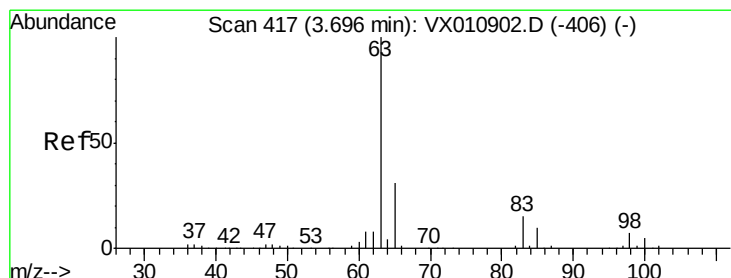
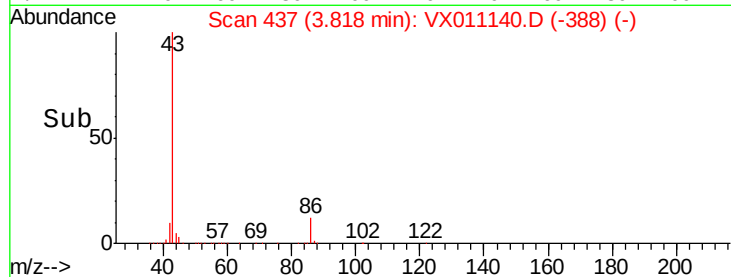
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.313 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

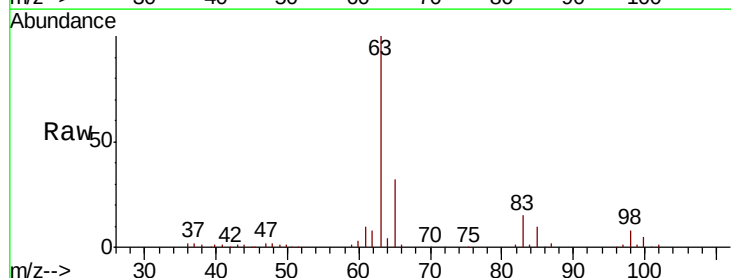
Tgt Ion: 63 Resp: 60174

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

100 4.7 2.4 7.2



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

30000

25000

20000

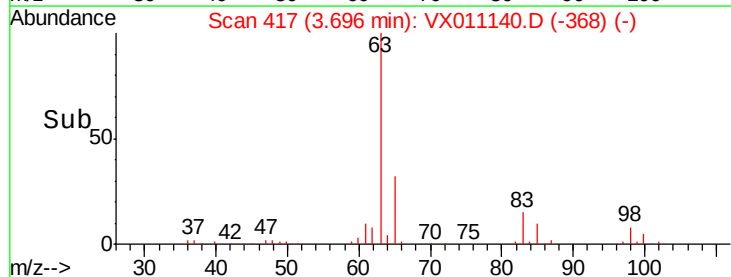
15000

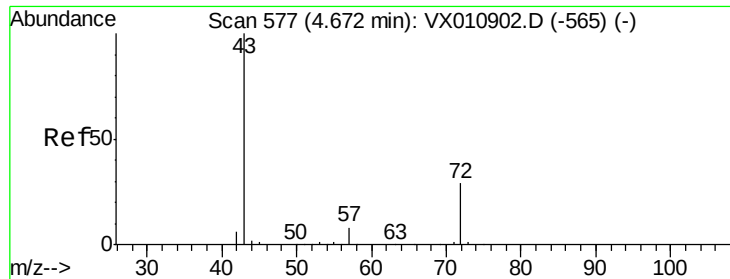
10000

5000

0

Time-->





#25

2-Butanone

Concen: 102.802 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleID :

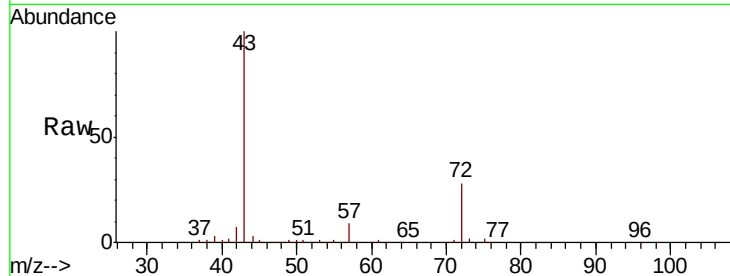
VX0729WBSD01

Tot Ion: 43 Resp: 139409

Ion Ratio Lower Upper

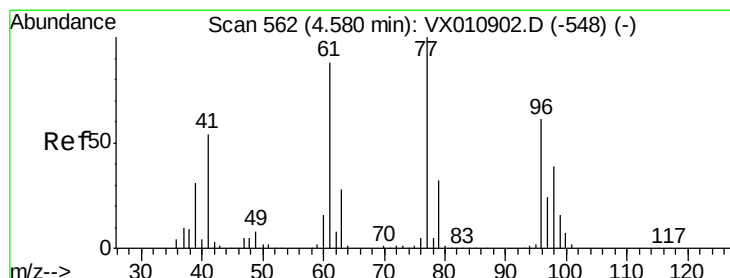
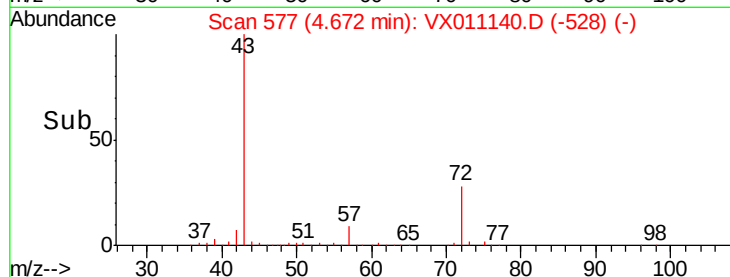
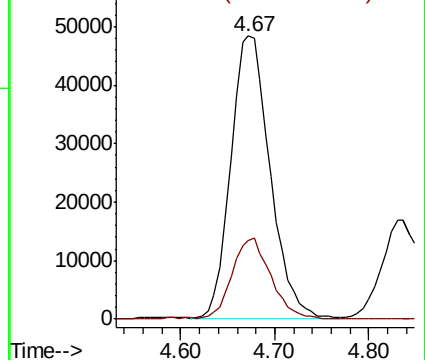
43 100

72 27.5 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.393 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX011140.D

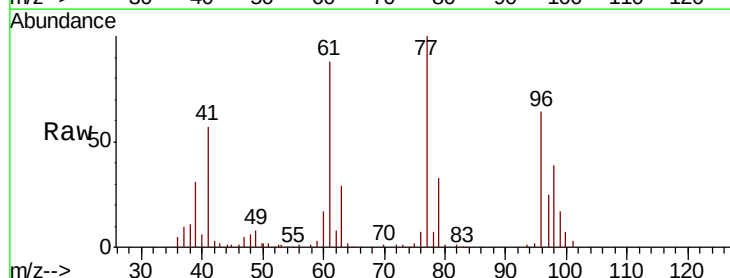
Acq: 29 Jul 2019 13:05

Tgt Ion: 77 Resp: 49612

Ion Ratio Lower Upper

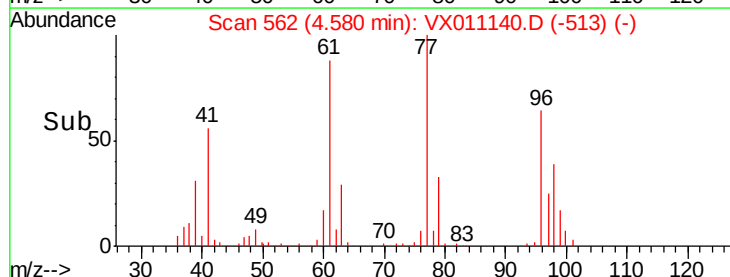
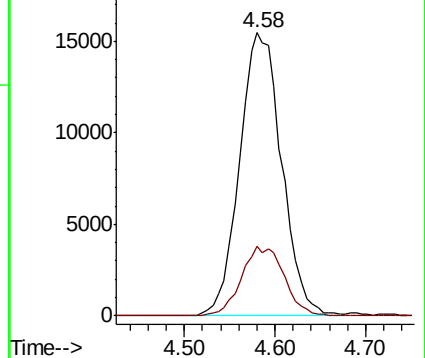
77 100

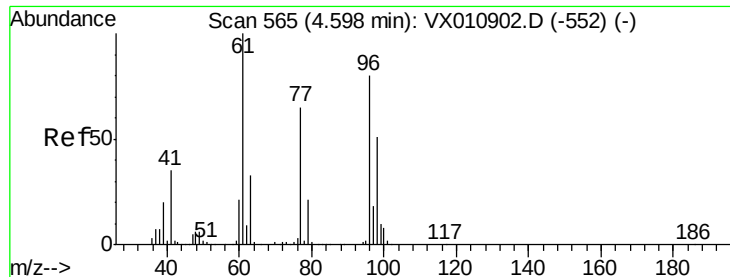
97 24.8 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



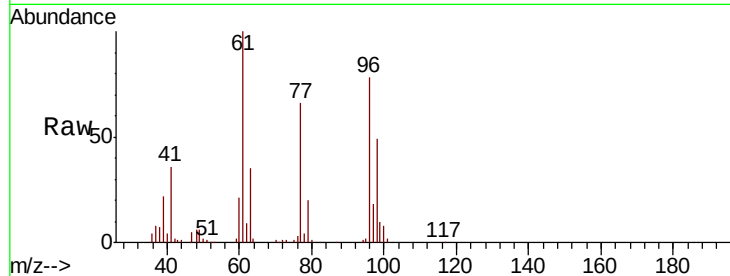


#27

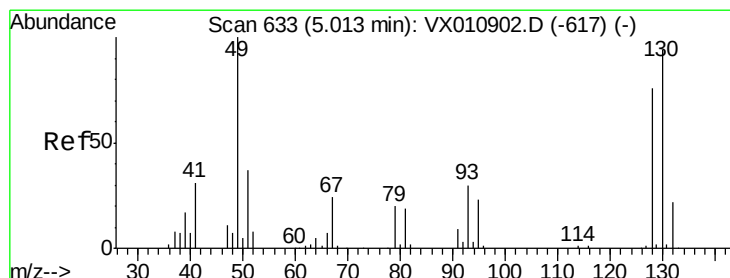
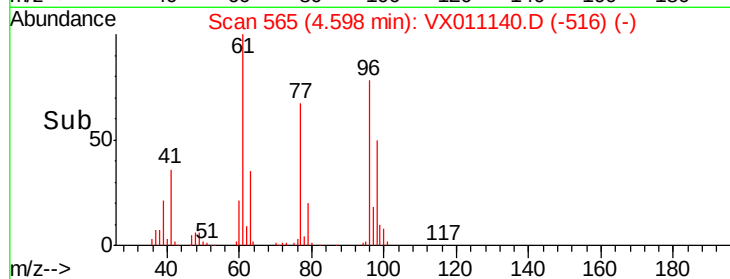
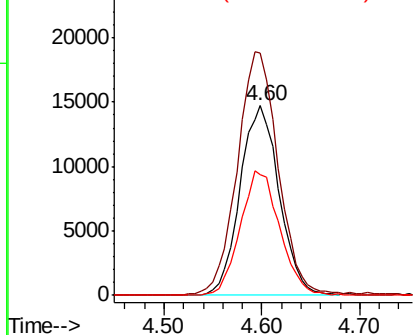
cis-1,2-Dichloroethene
 Concen: 19.062 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Tot Ion: 96 Resp: 40993
 Ion Ratio Lower Upper
 96 100
 61 134.0 0.0 269.0
 98 66.3 0.0 131.4



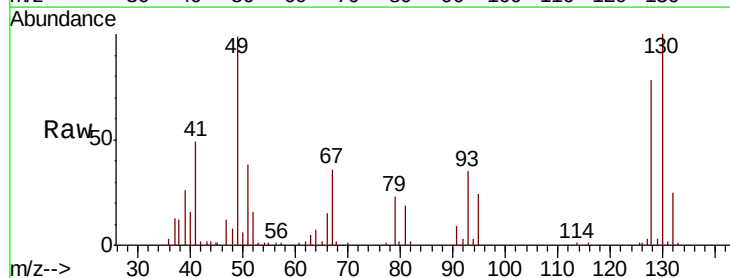
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



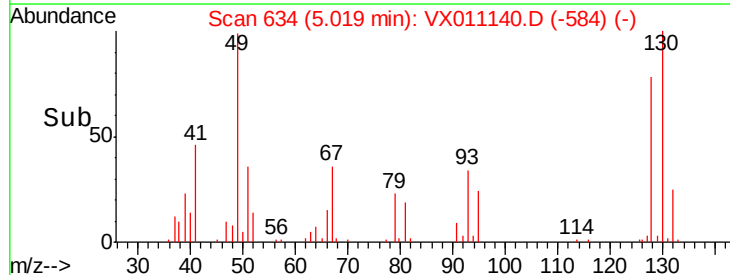
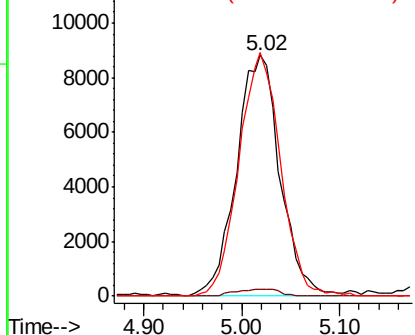
#28

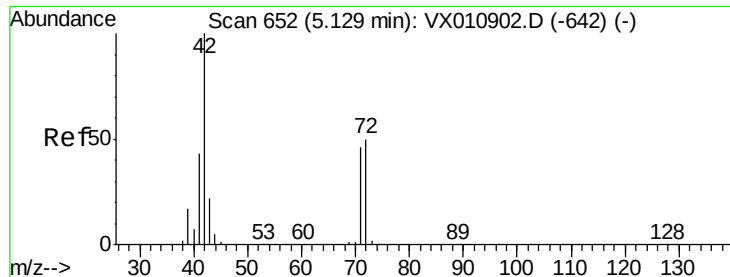
Bromochloromethane
 Concen: 18.524 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Tgt Ion: 49 Resp: 27198
 Ion Ratio Lower Upper
 49 100
 129 2.9 0.0 5.2
 130 97.0 76.9 115.3



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: 98.355 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

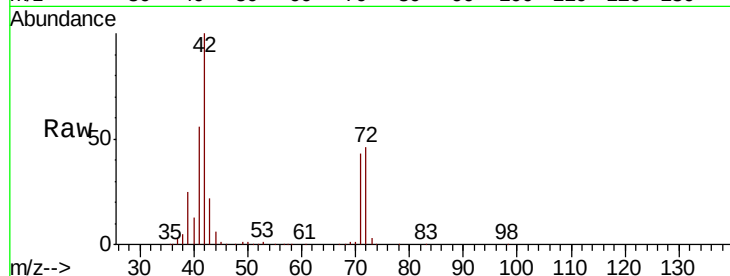
Tot Ion: 42 Resp: 84487

Ion Ratio Lower Upper

42 100

72 49.7 39.8 59.8

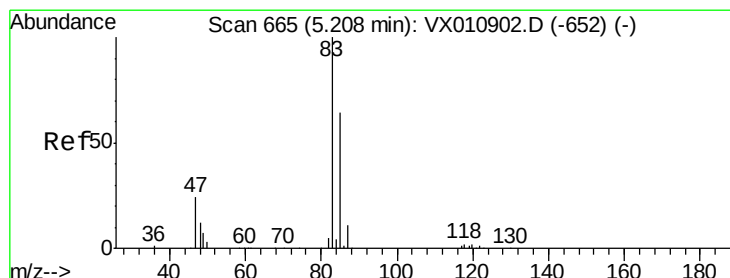
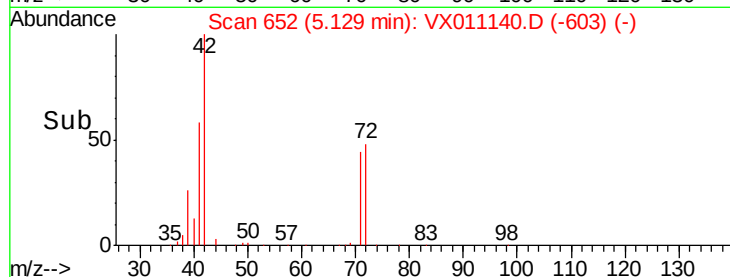
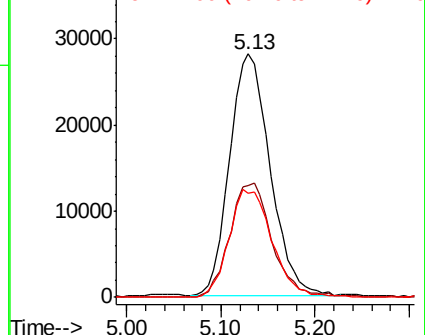
71 47.3 37.0 55.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.660 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX011140.D

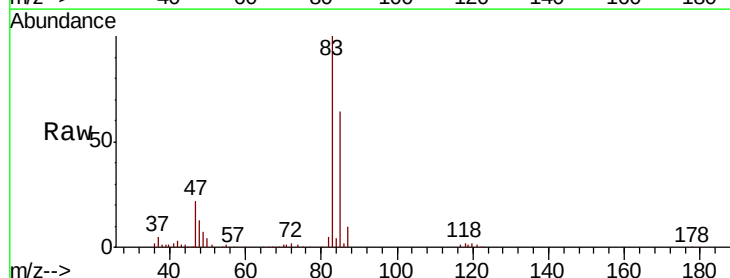
Acq: 29 Jul 2019 13:05

Tgt Ion: 83 Resp: 66212

Ion Ratio Lower Upper

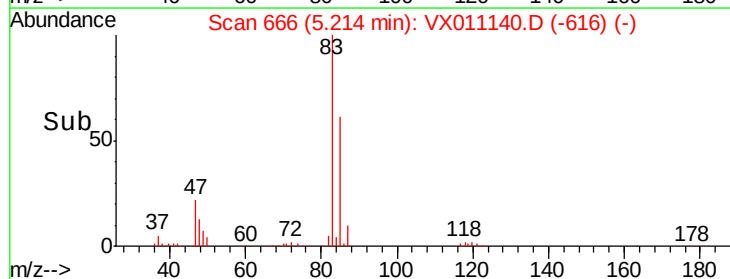
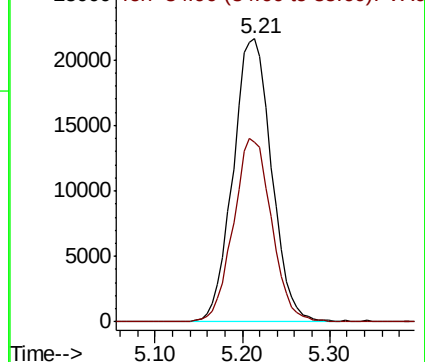
83 100

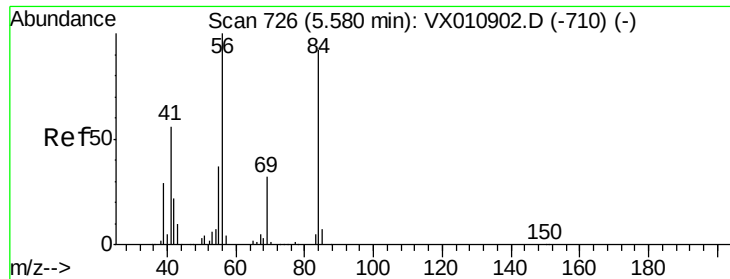
85 63.5 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 17.813 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

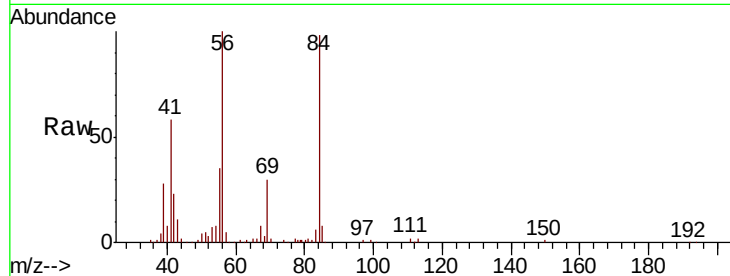
Tot Ion: 56 Resp: 50588

Ion Ratio Lower Upper

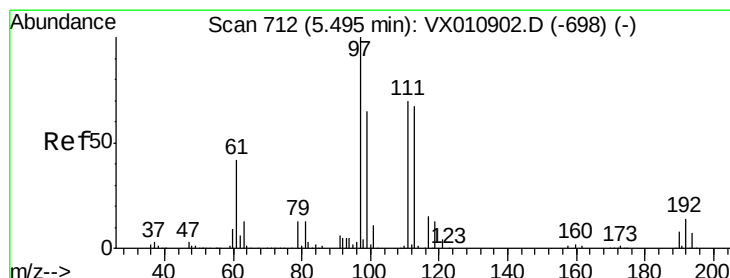
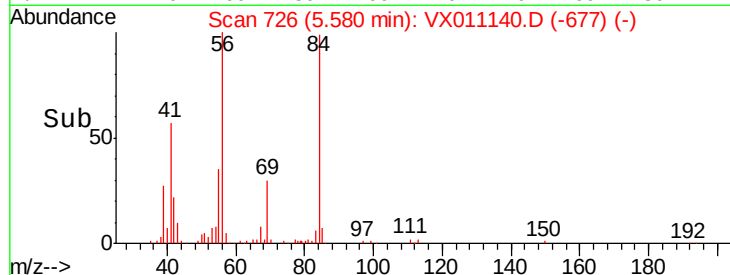
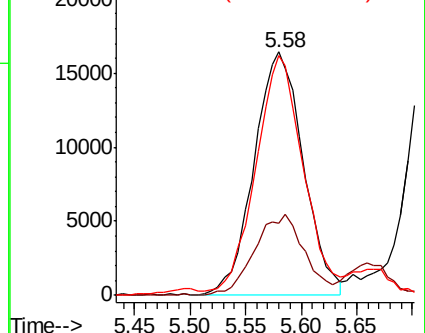
56 100

69 29.6 25.8 38.8

84 95.7 73.8 110.6



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: 19.246 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

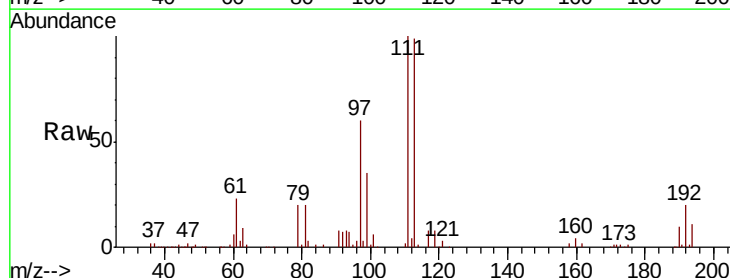
Tgt Ion: 97 Resp: 56076

Ion Ratio Lower Upper

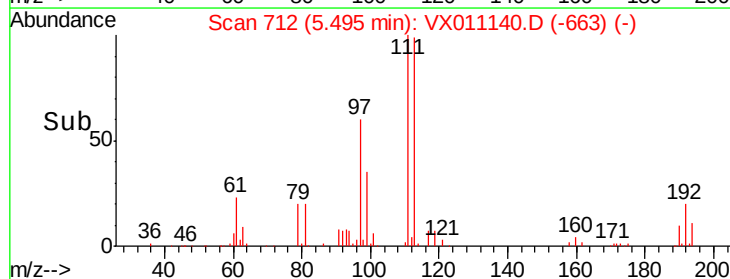
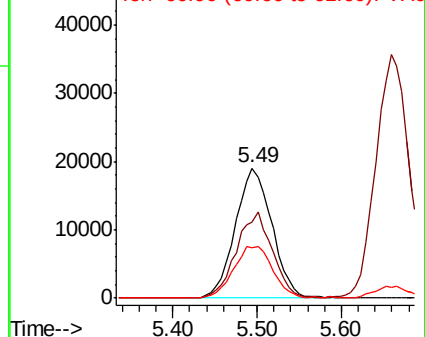
97 100

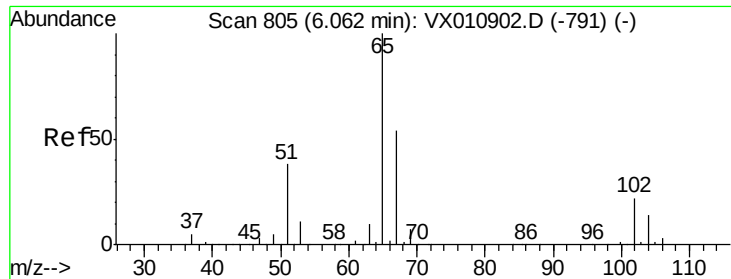
99 65.3 51.4 77.0

61 42.8 33.0 49.6



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

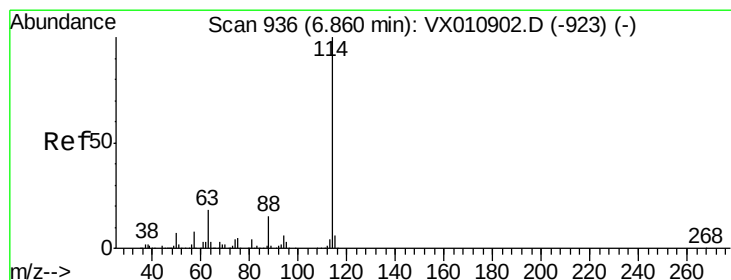
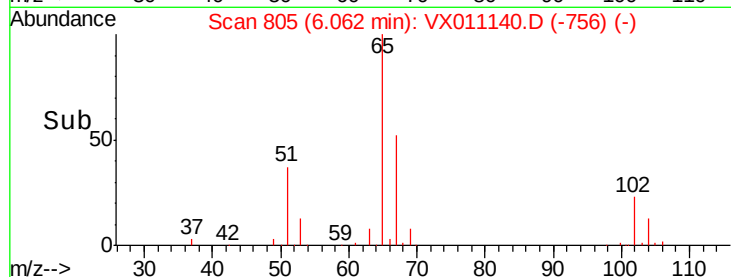
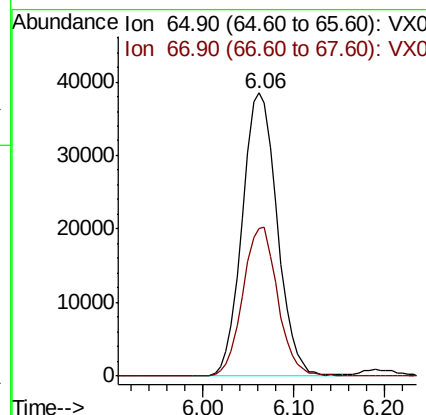
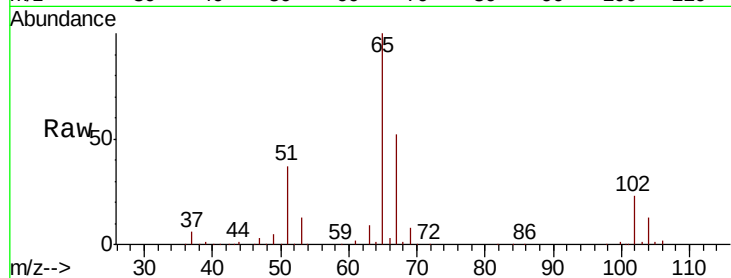




#33
 1,2-Dichloroethane-d4
 Concen: 49.304 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

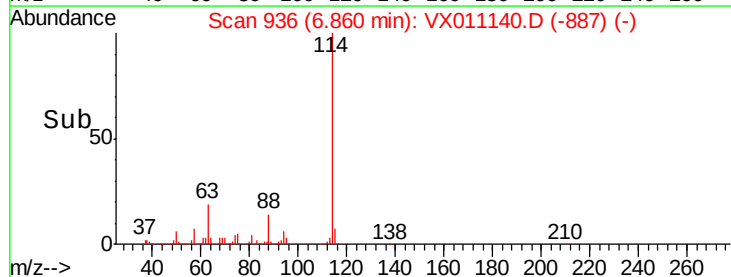
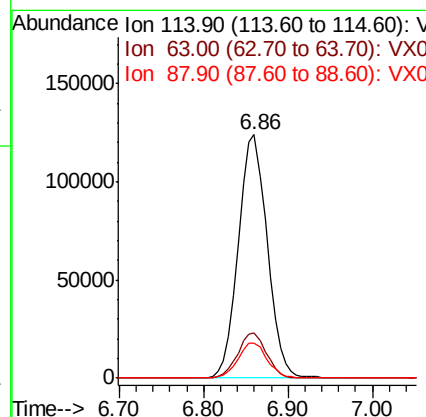
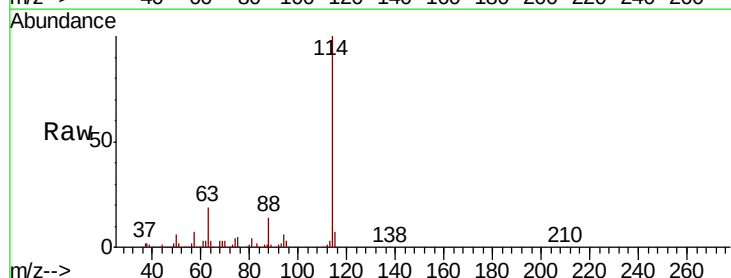
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

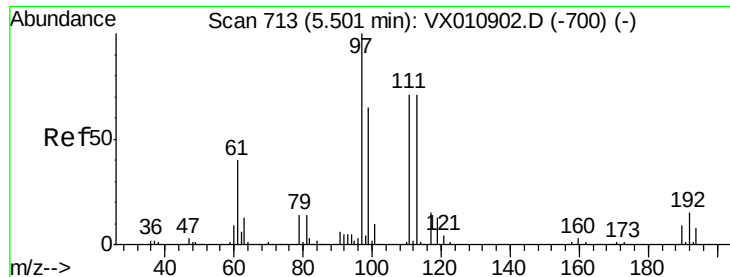
Tot Ion: 65 Resp: 103126
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Tgt Ion: 114 Resp: 287556
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.6
 88 14.4 0.0 29.8





#35

Dibromofluoromethane

Concen: 50.053 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

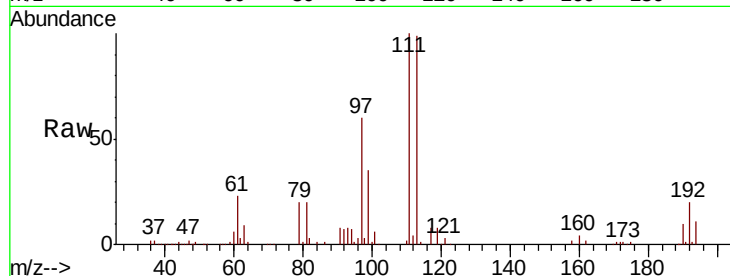
Tot Ion:113 Resp: 91355

Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

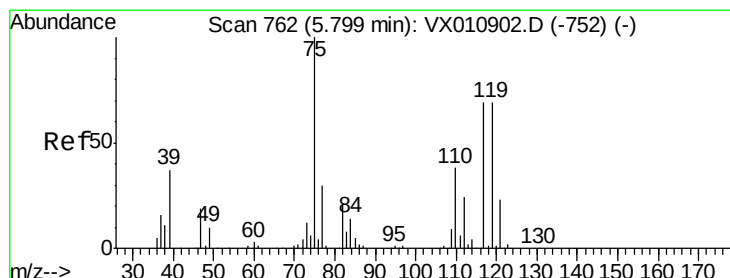
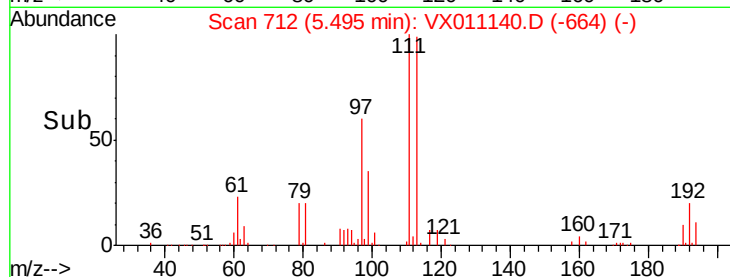
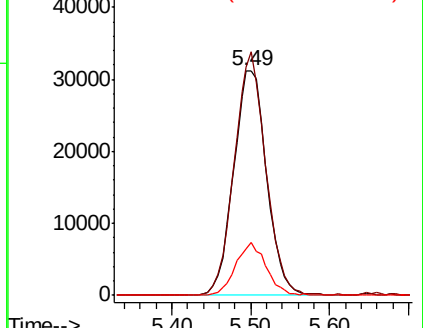
192 21.8 17.4 26.2



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: 19.028 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

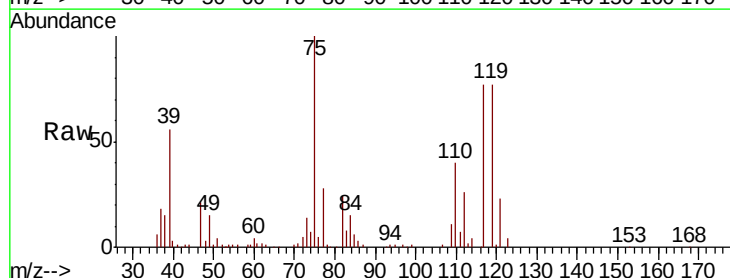
Tgt Ion: 75 Resp: 44944

Ion Ratio Lower Upper

75 100

110 40.3 19.9 59.7

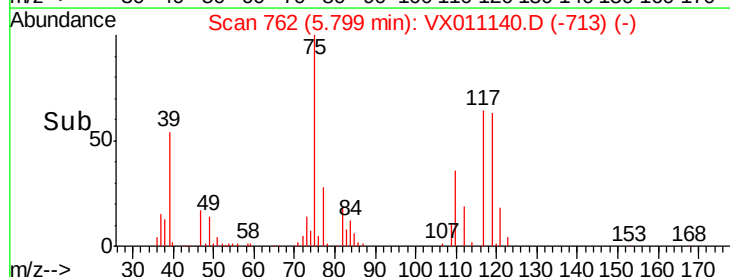
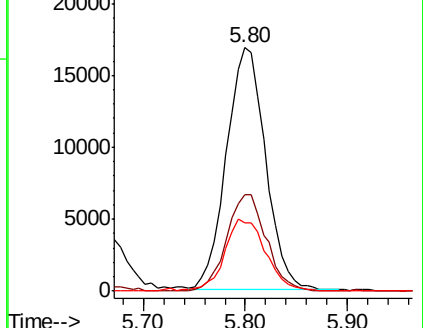
77 31.3 25.0 37.4

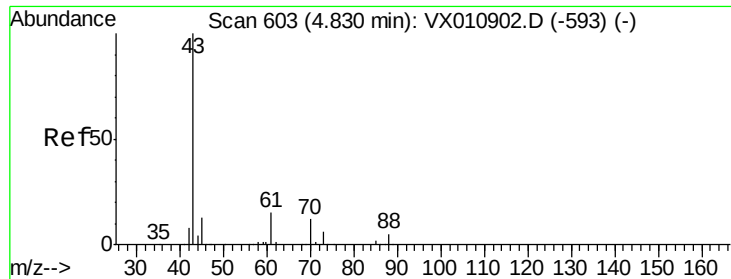


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

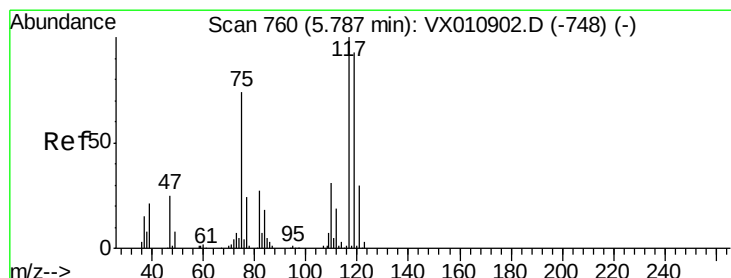
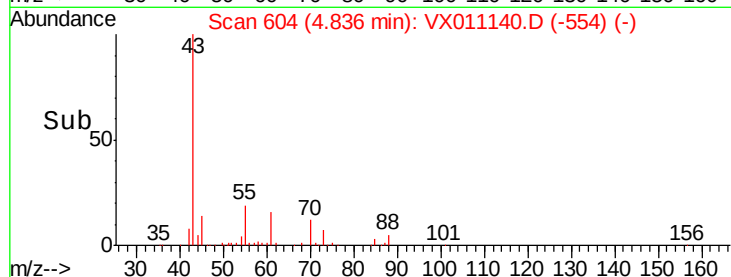
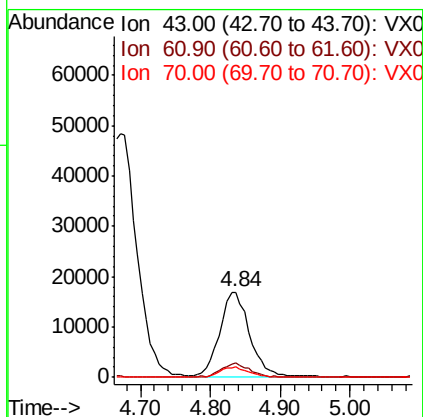
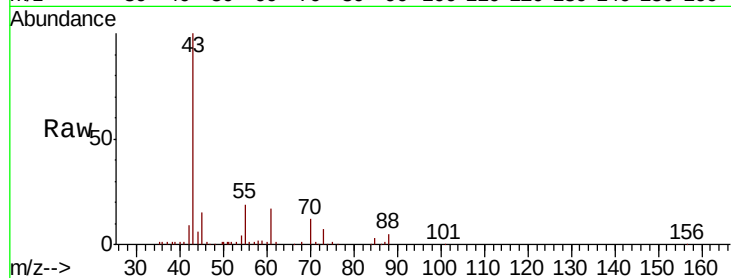




#37
Ethyl Acetate
Concen: 20.606 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

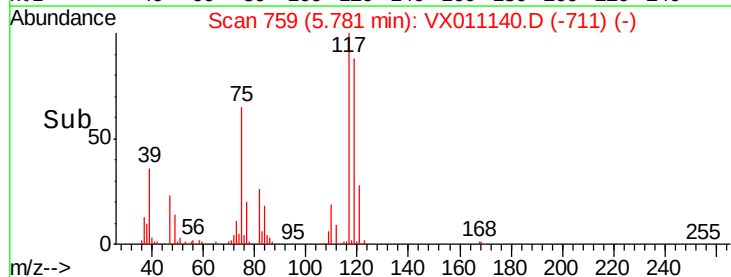
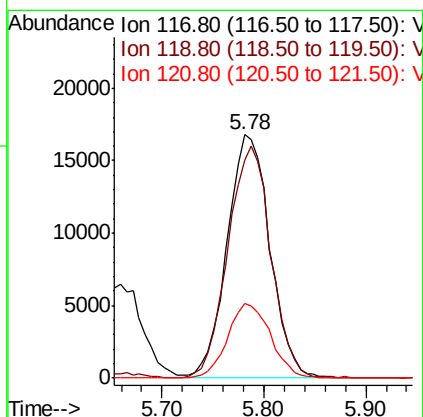
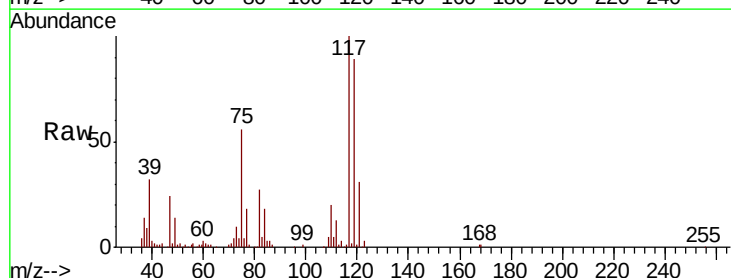
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

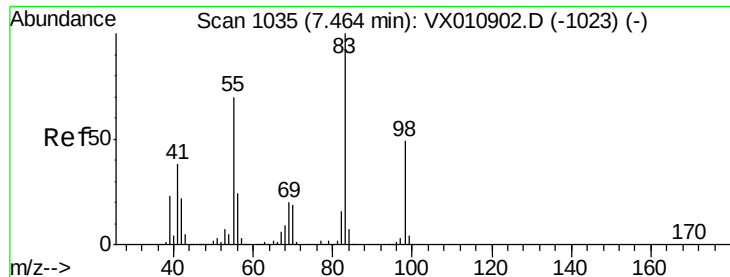
Tot Ion: 43 Resp: 49839
Ion Ratio Lower Upper
43 100
61 15.8 11.6 17.4
70 12.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 19.880 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Tgt Ion: 117 Resp: 48930
Ion Ratio Lower Upper
117 100
119 89.1 74.2 111.2
121 30.9 24.2 36.2

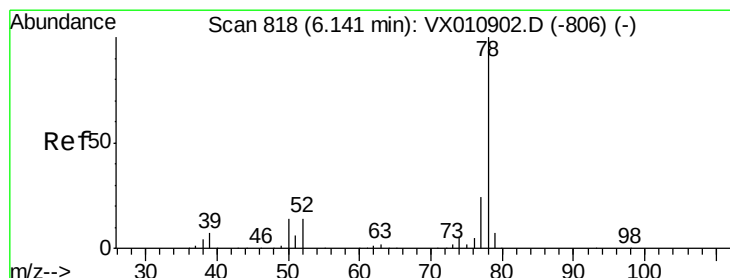
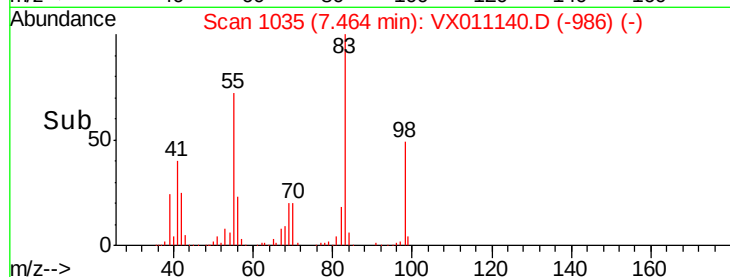
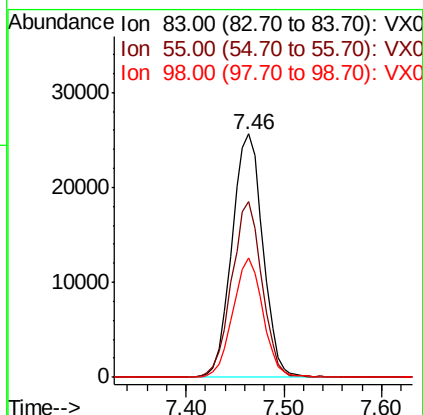
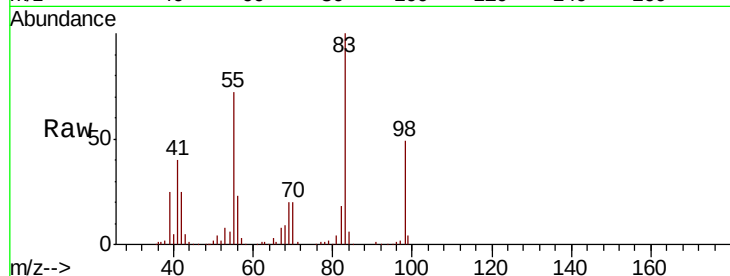




#39
Methylvlcyclohexane
Concen: 18.334 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

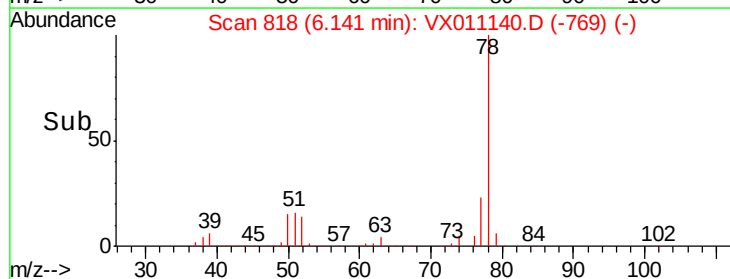
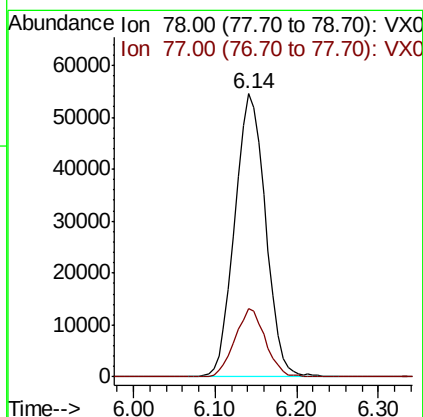
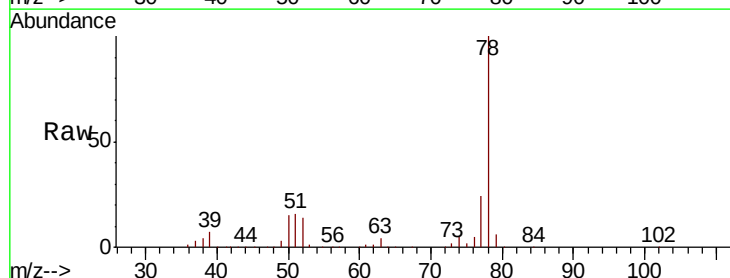
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

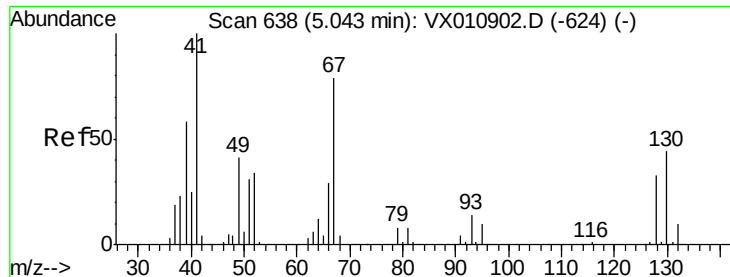
Tot Ion	83	Resp	56158
Ion	Ratio	Lower	Upper
83	100		
55	72.3	56.2	84.4
98	49.2	39.0	58.4



#40
Benzene
Concen: 19.740 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Tgt Ion	78	Resp	142829
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6

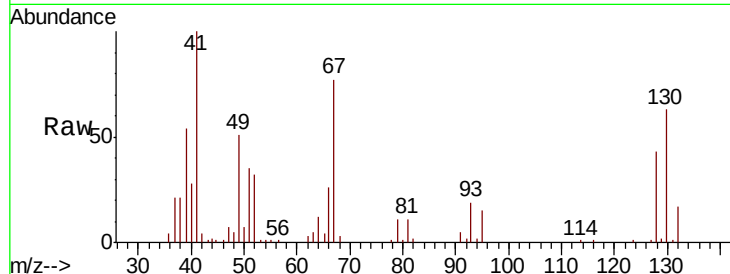




#41
Methacrylonitrile
Concen: 19.604 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion:	41	Resp:	26917
Ion	Ratio	Lower	Upper
41	100		
39	55.9	45.4	68.2
67	81.9	65.9	98.9
52	34.5	26.2	39.2



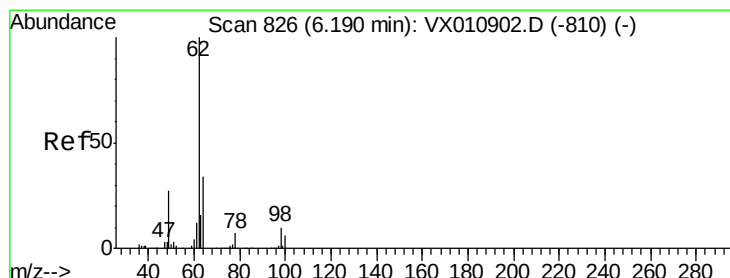
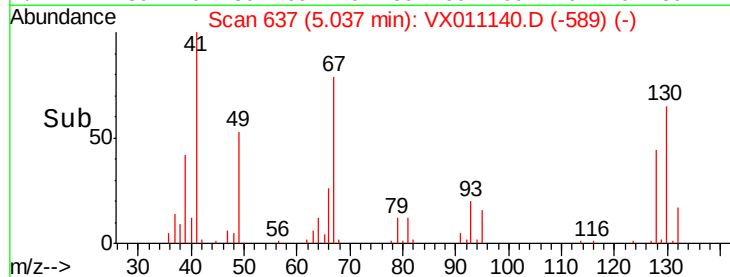
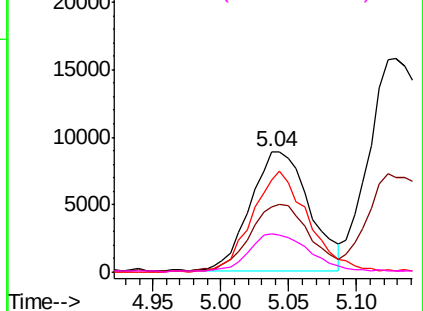
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

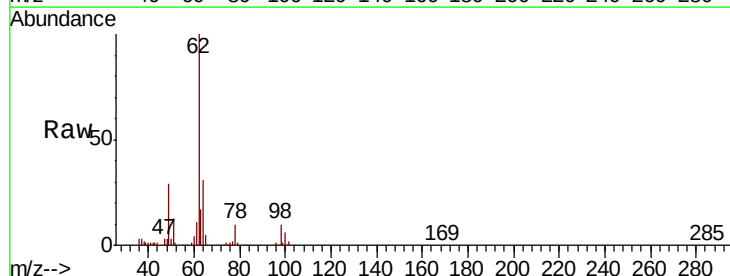
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 20.397 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

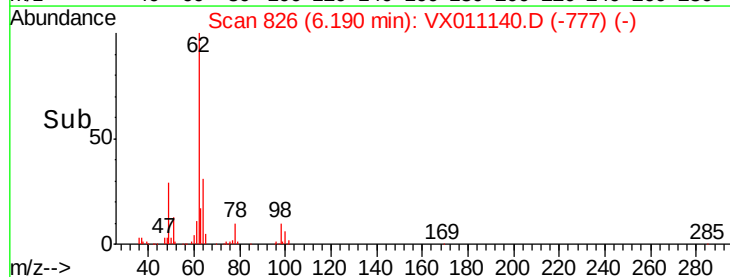
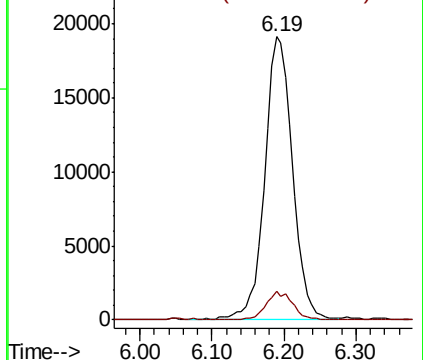
Tgt Ion:	62	Resp:	51312
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.0

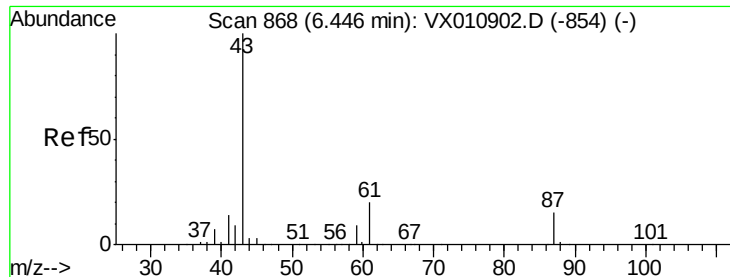


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.776 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

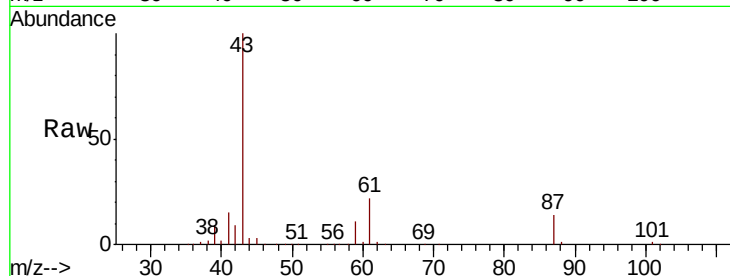
Tot Ion: 43 Resp: 78648

Ion Ratio Lower Upper

43 100

61 20.9 17.1 25.7

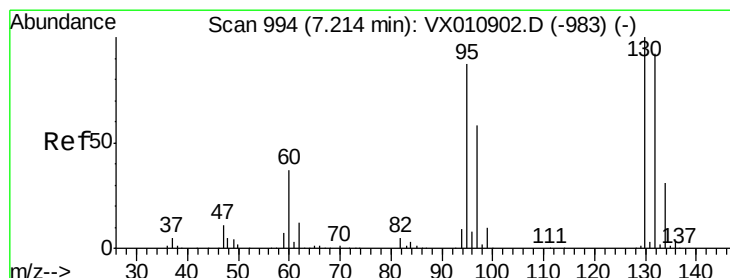
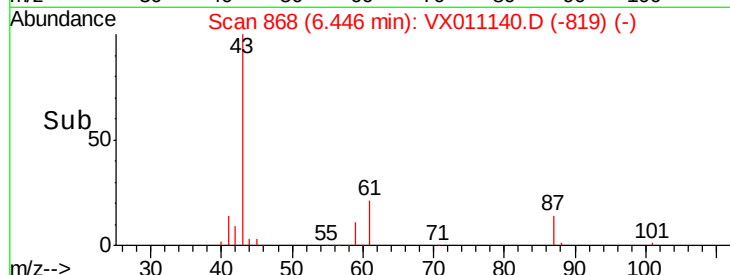
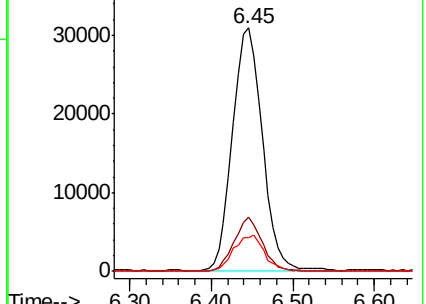
87 15.1 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.568 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011140.D

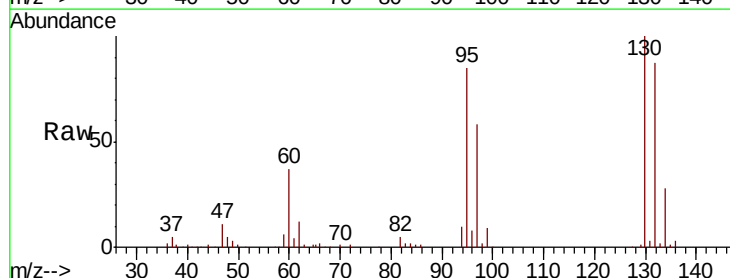
Acq: 29 Jul 2019 13:05

Tgt Ion:130 Resp: 41908

Ion Ratio Lower Upper

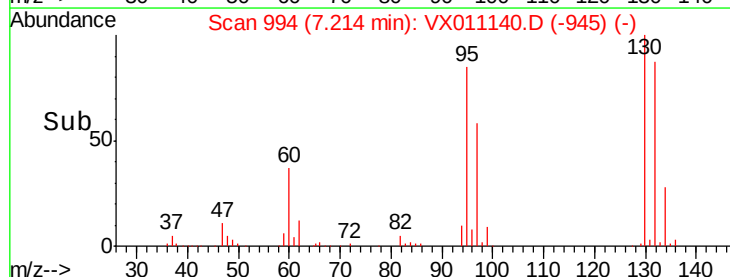
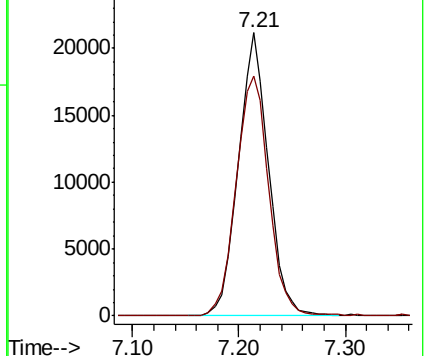
130 100

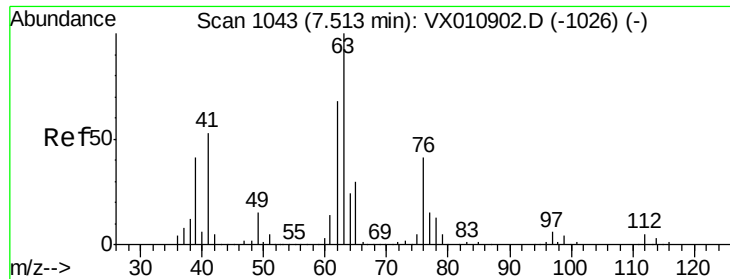
95 84.9 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

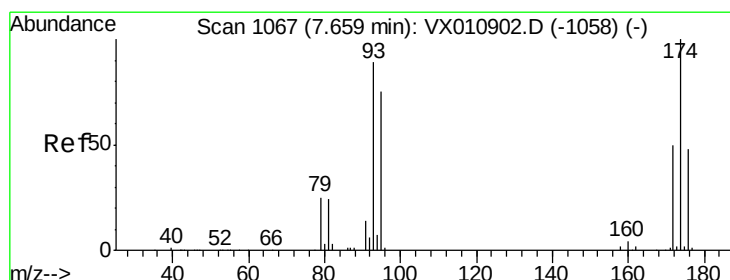
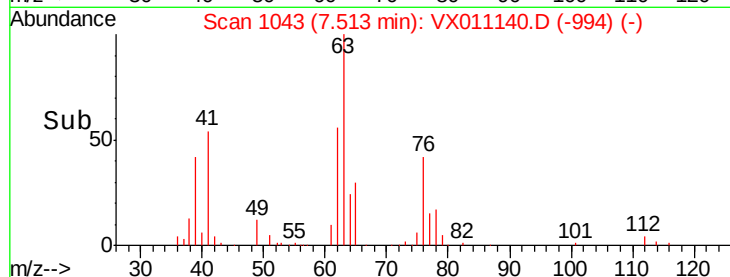
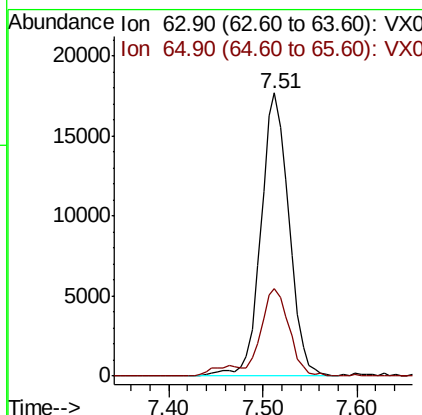
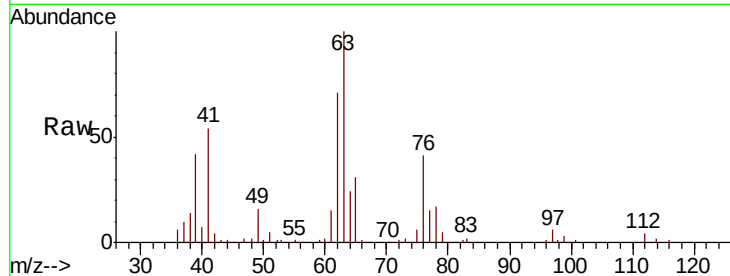




#45
 1,2-Dichloropropane
 Concen: 20.097 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

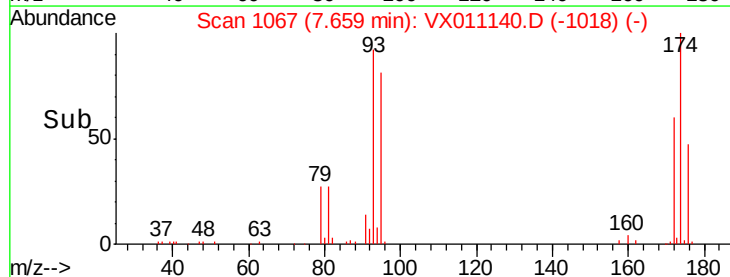
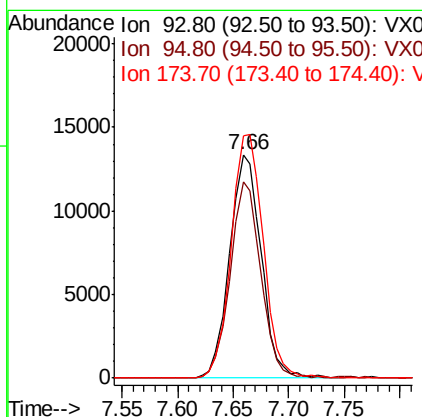
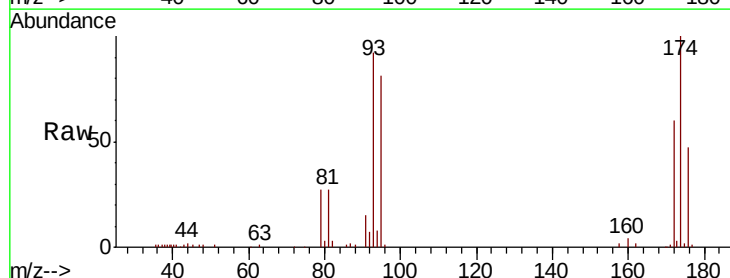
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

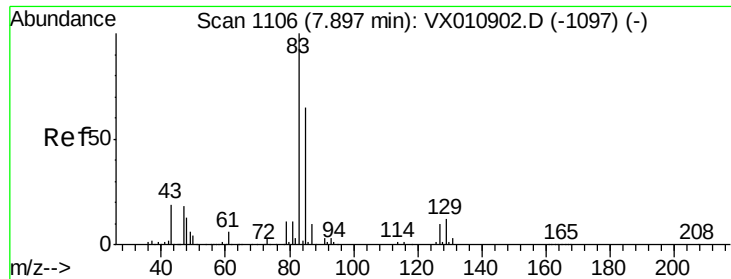
Tot Ion: 63 Resp: 37010
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.4 36.6



#46
 Dibromomethane
 Concen: 19.945 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Tgt Ion: 93 Resp: 26245
 Ion Ratio Lower Upper
 93 100
 95 85.1 67.2 100.8
 174 110.8 90.6 135.8





#47

Bromodichloromethane

Concen: 20.120 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

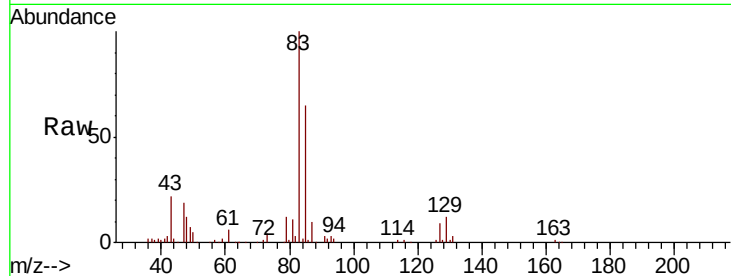
Tot Ion: 83 Resp: 47129

Ion Ratio Lower Upper

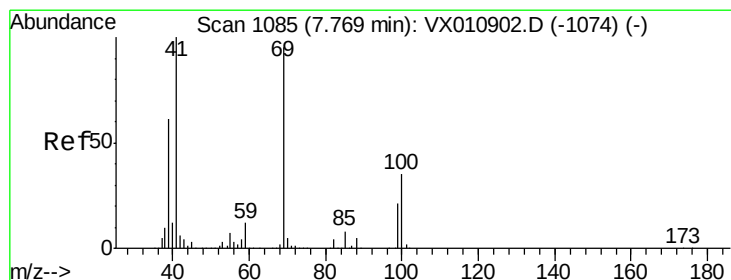
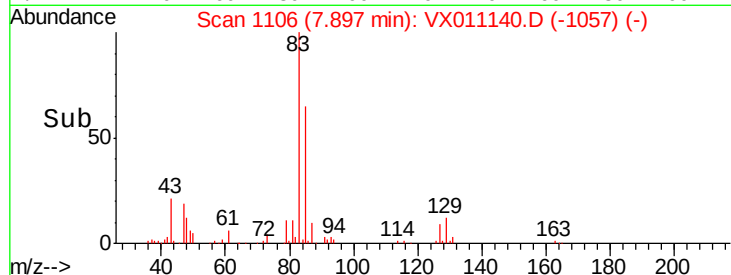
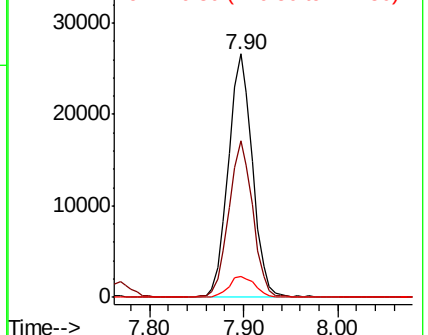
83 100

85 64.5 52.5 78.7

127 8.7 7.8 11.8



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: 20.245 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

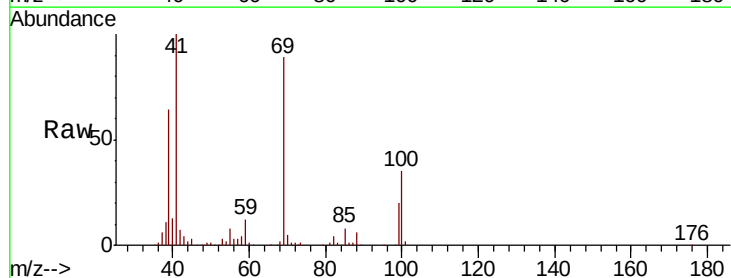
Tgt Ion: 41 Resp: 39222

Ion Ratio Lower Upper

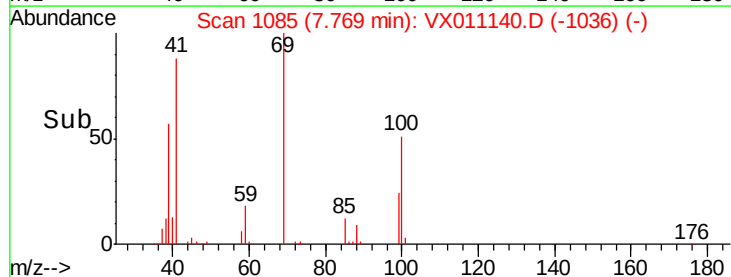
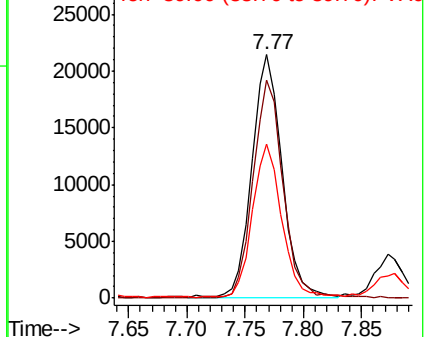
41 100

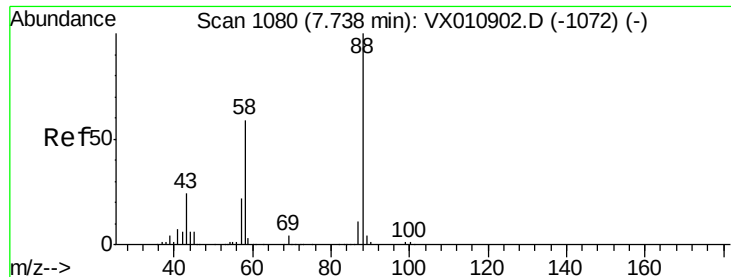
69 88.5 74.4 111.6

39 60.1 48.9 73.3



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

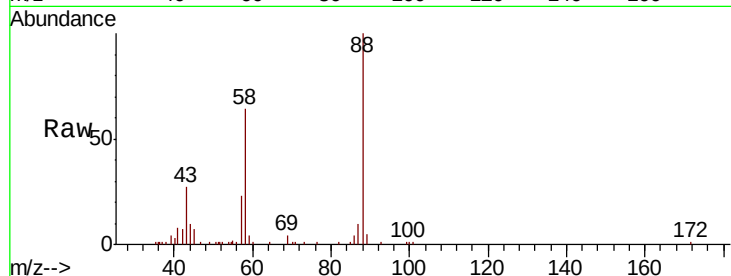




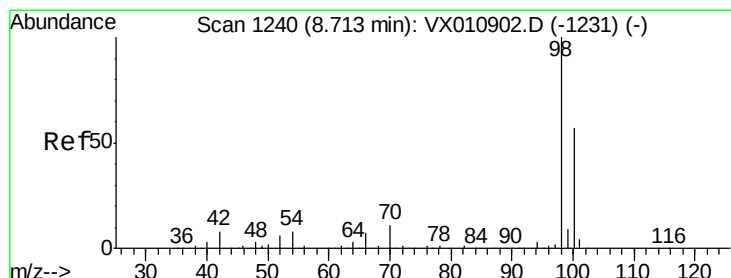
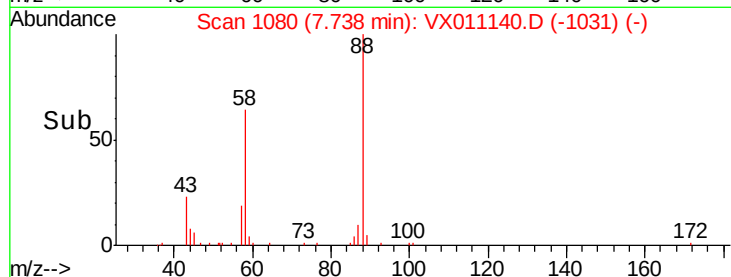
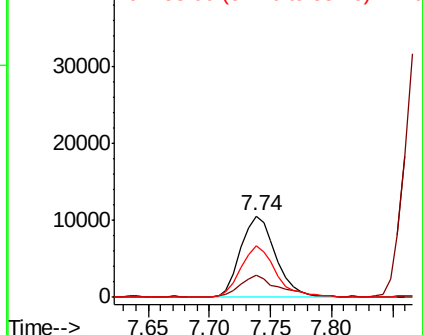
#49
1,4-Dioxane
Concen: 390.807 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion: 88 Resp: 21179
Ion Ratio Lower Upper
88 100
43 28.1 22.9 34.3
58 64.3 49.8 74.8

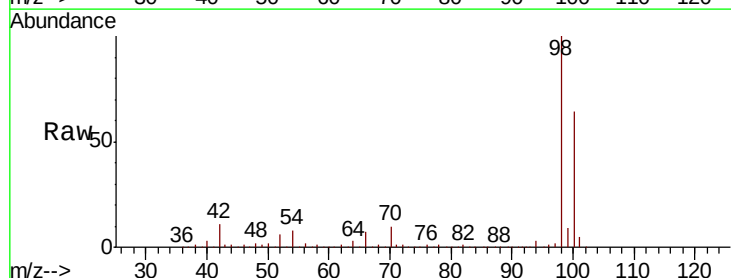


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

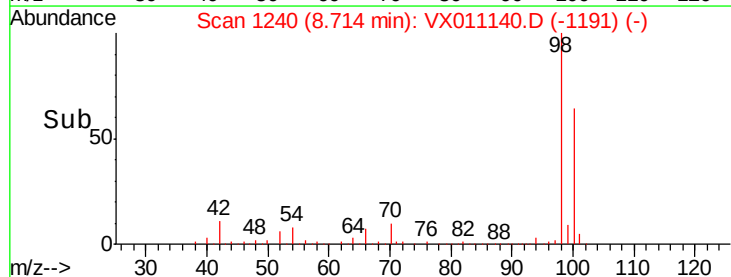
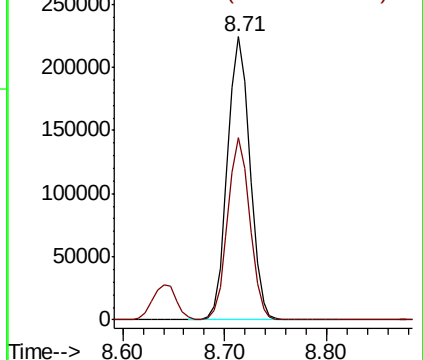


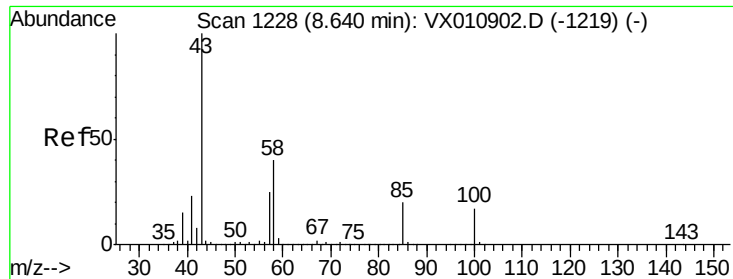
#50
Toluene-d8
Concen: 49.859 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Tgt Ion: 98 Resp: 341314
Ion Ratio Lower Upper
98 100
100 63.6 50.6 75.8



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: 105.157 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

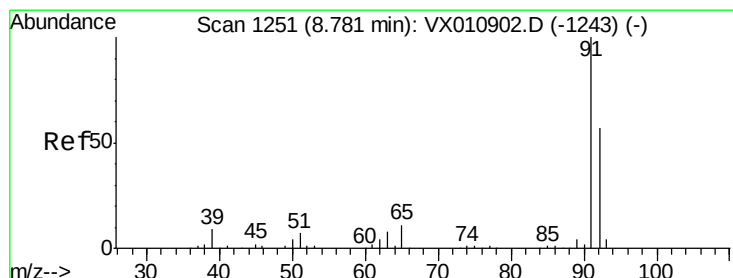
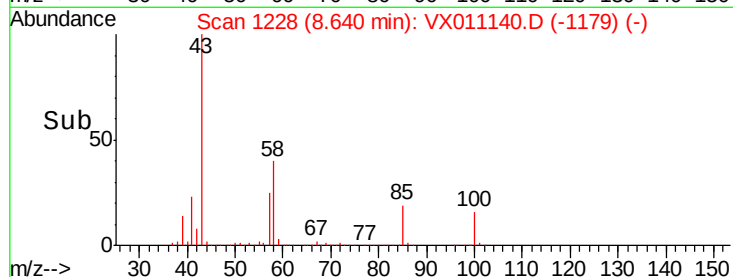
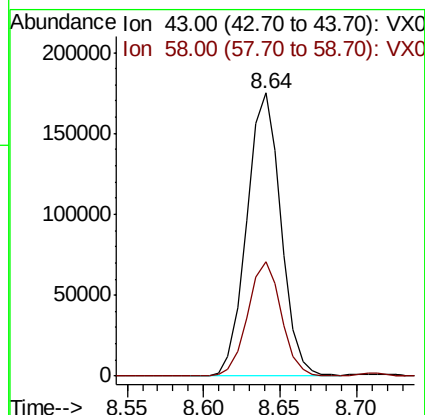
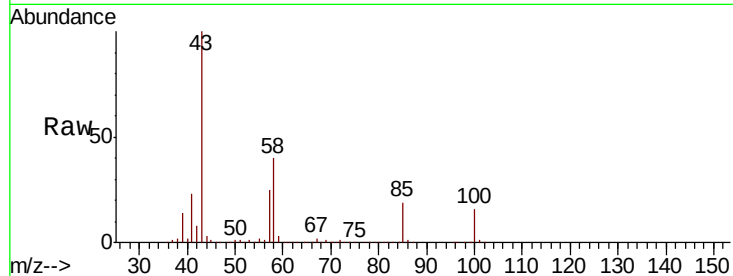
VX0729WBSD01

Tot Ion: 43 Resp: 271096

Ion Ratio Lower Upper

43 100

58 39.8 32.2 48.4



#52

Toluene

Concen: 19.469 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011140.D

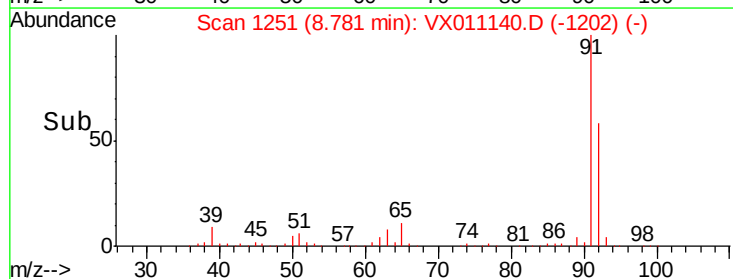
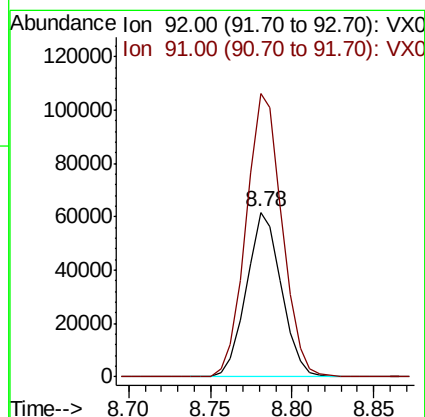
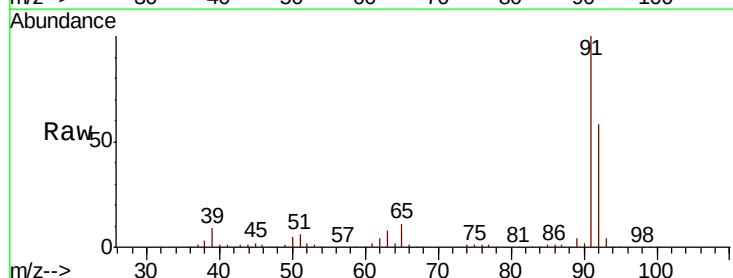
Acq: 29 Jul 2019 13:05

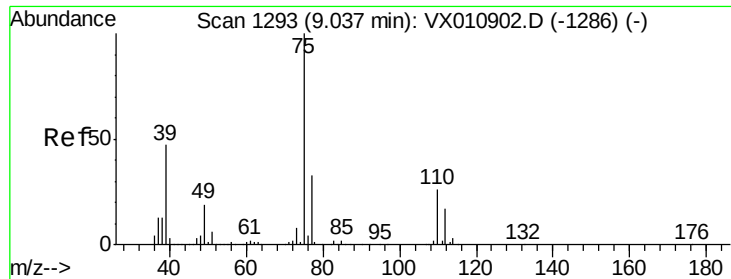
Tgt Ion: 92 Resp: 92536

Ion Ratio Lower Upper

92 100

91 176.5 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 19.661 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

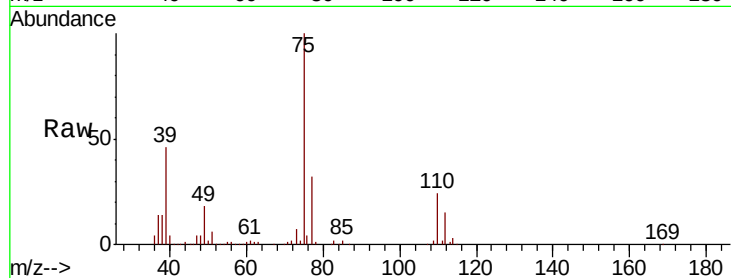
VX0729WBSD01

Tot Ion: 75 Resp: 49519

Ion Ratio Lower Upper

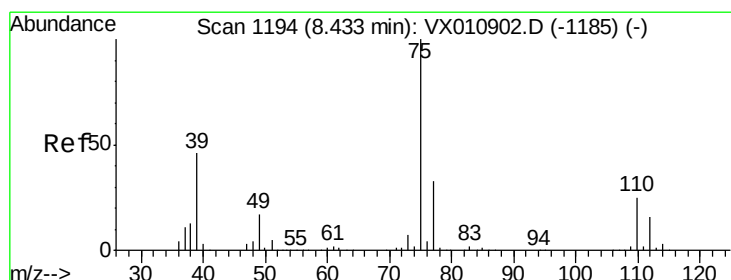
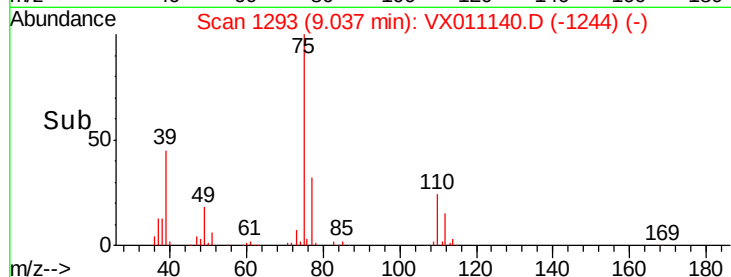
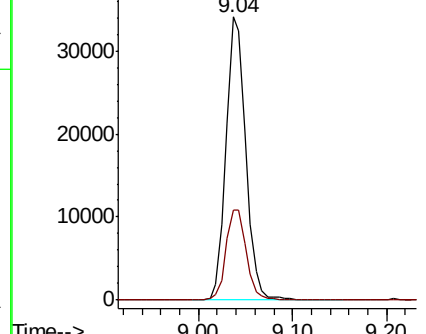
75 100

77 31.8 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.394 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

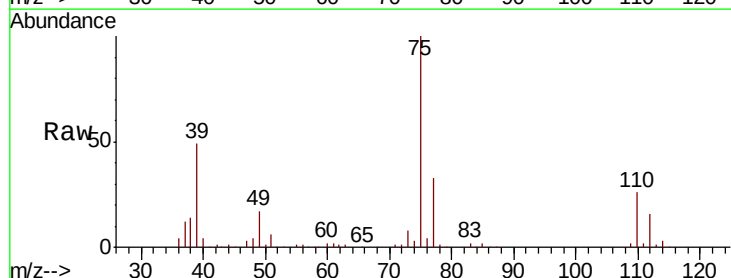
Tgt Ion: 75 Resp: 54353

Ion Ratio Lower Upper

75 100

77 33.2 26.1 39.1

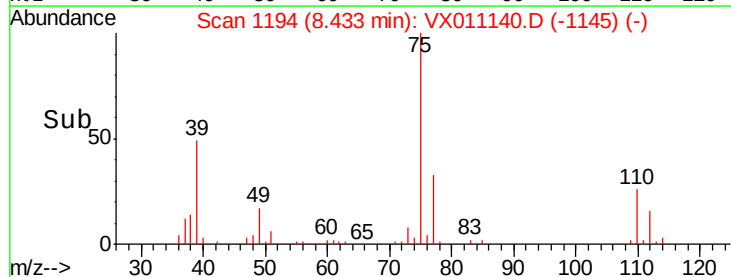
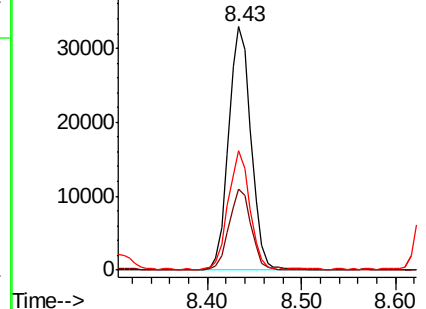
39 48.4 36.6 54.8

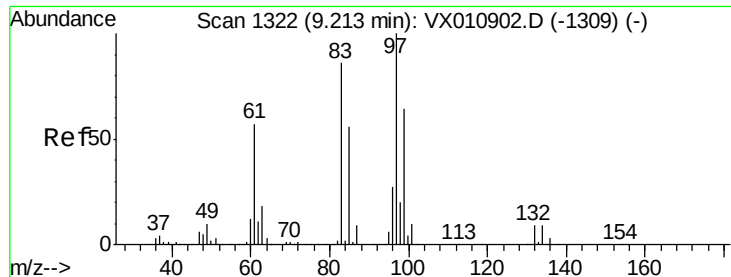


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

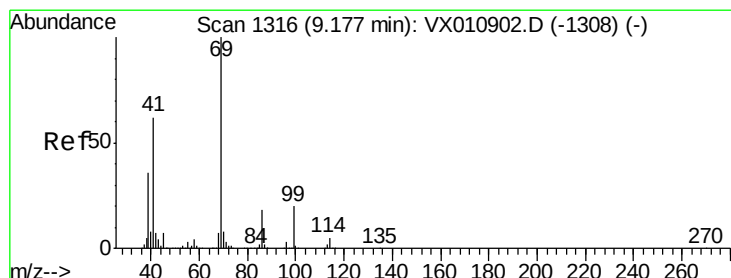
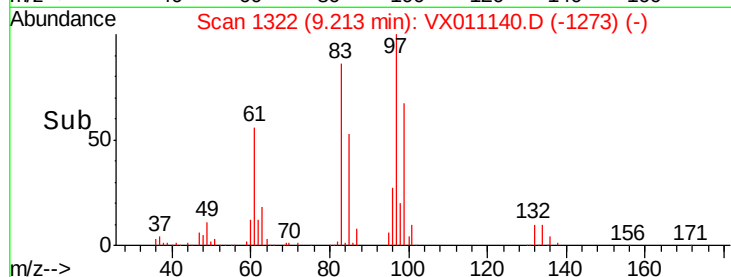
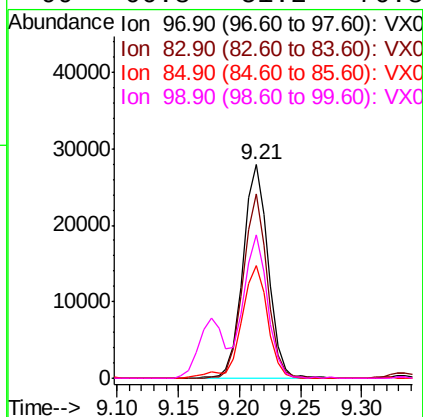
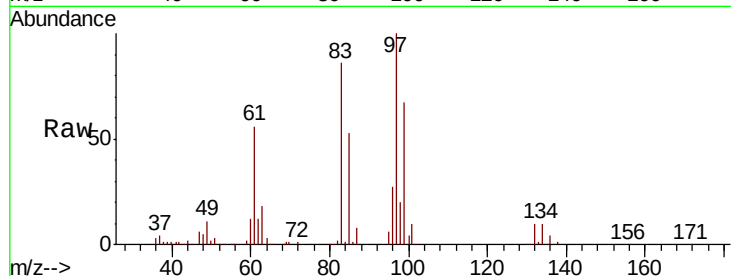




#55
 1,1,2-Trichloroethane
 Concen: 20.436 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

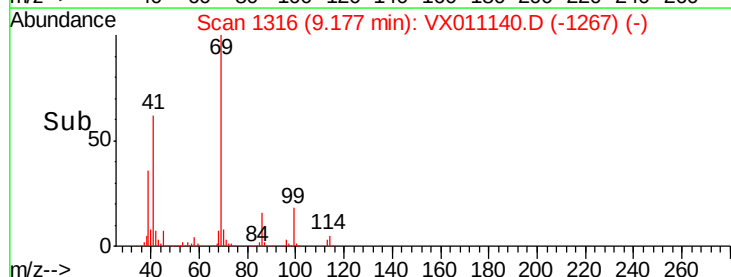
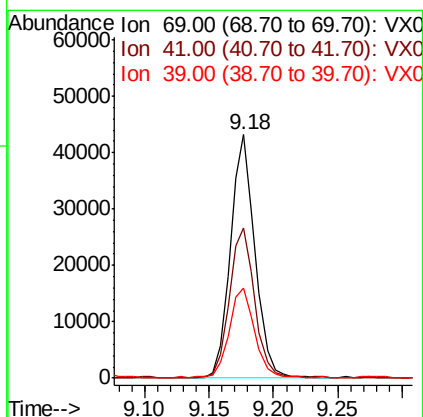
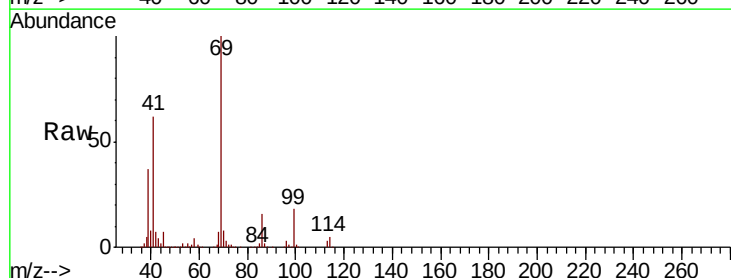
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

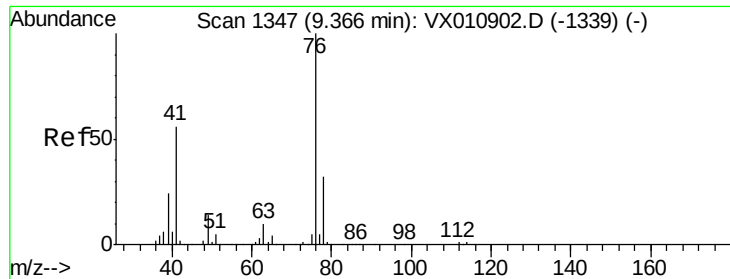
Tot Ion:	97	Resp:	39994
Ion	Ratio	Lower	Upper
97	100		
83	86.2	69.2	103.8
85	52.4	44.6	66.8
99	66.8	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 20.086 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Tgt Ion:	69	Resp:	57501
Ion	Ratio	Lower	Upper
69	100		
41	64.2	49.7	74.5
39	38.2	29.6	44.4

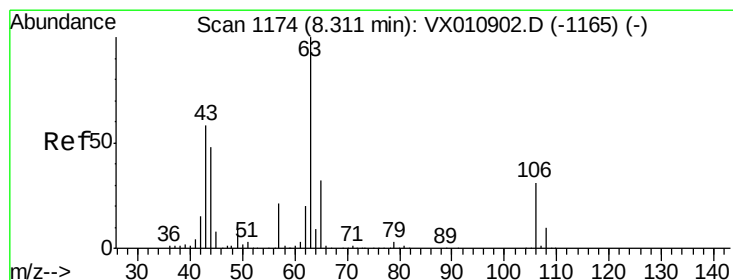
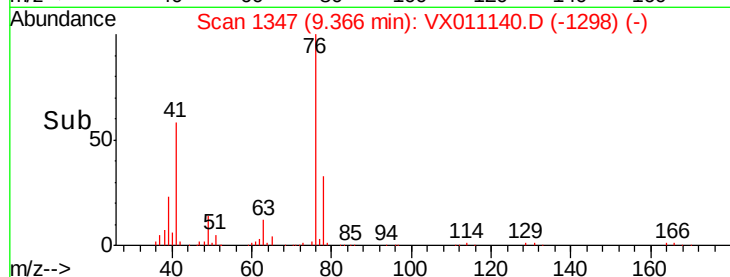
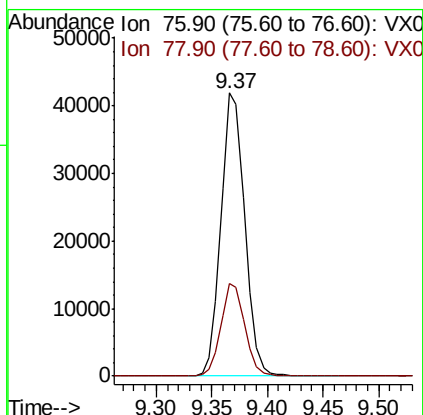
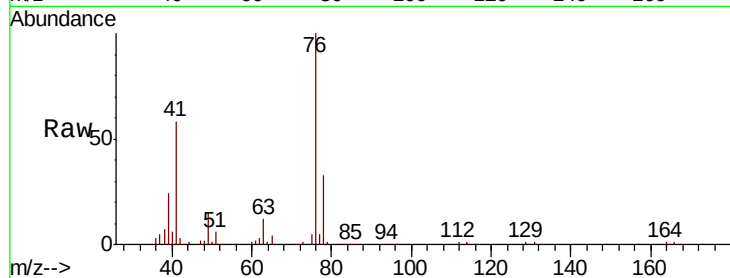




#57
 1,3-Dichloropropane
 Concen: 20.031 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

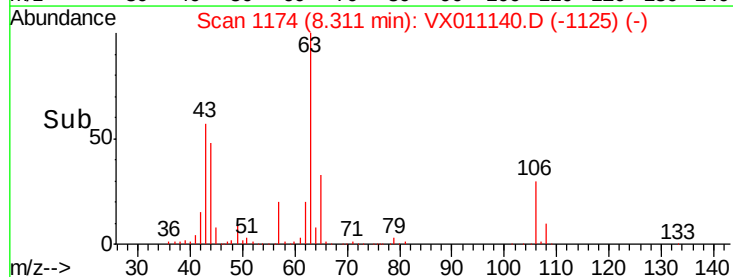
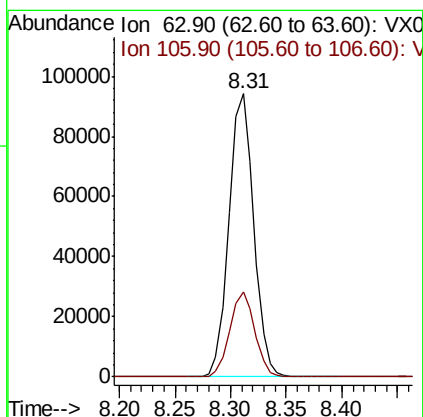
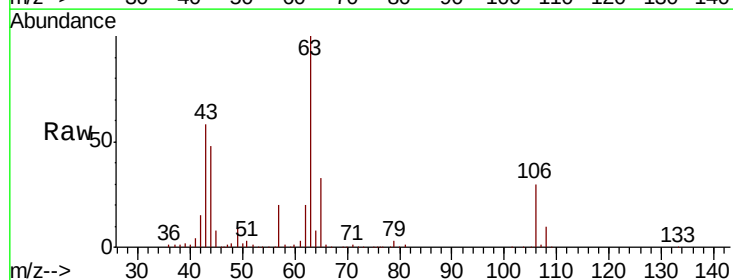
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

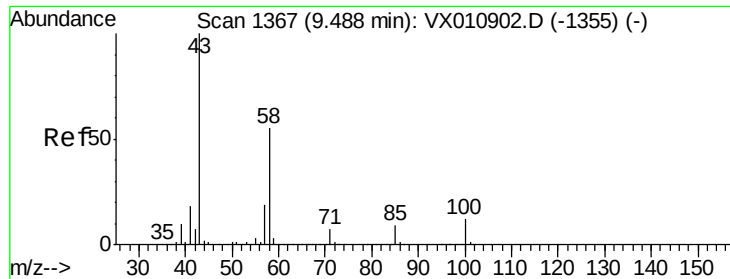
Tot Ion: 76 Resp: 62189
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.643 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Tgt Ion: 63 Resp: 145733
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.0 36.0

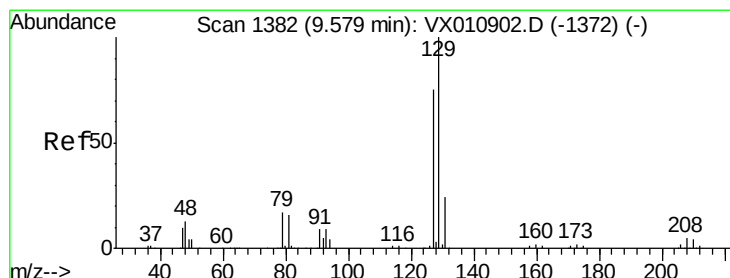
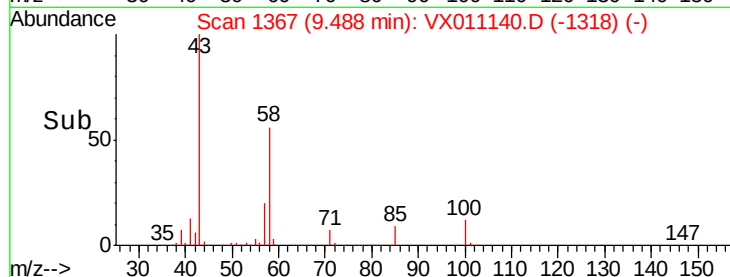
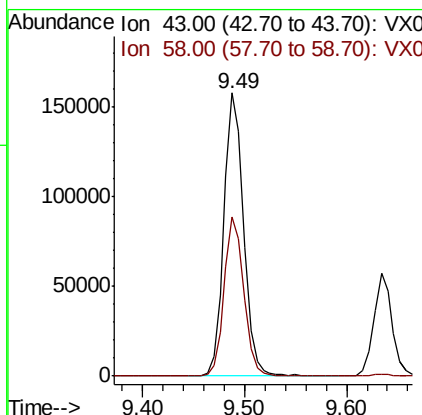
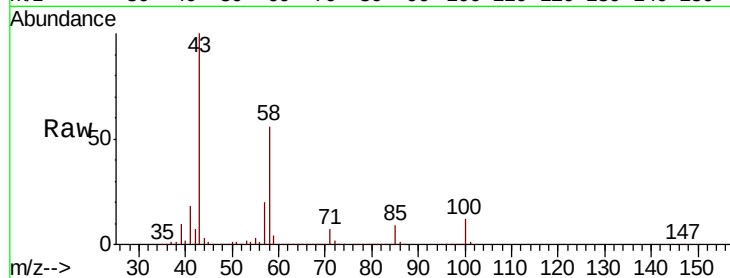




#59
2-Hexanone
Concen: 106.058 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

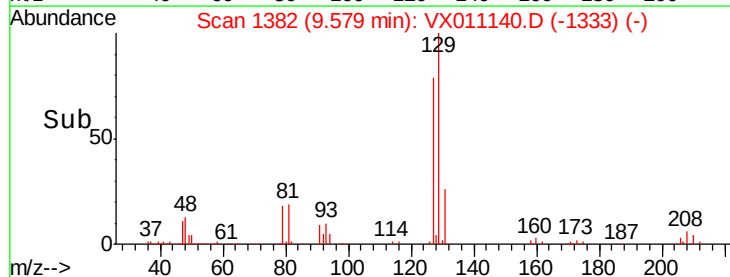
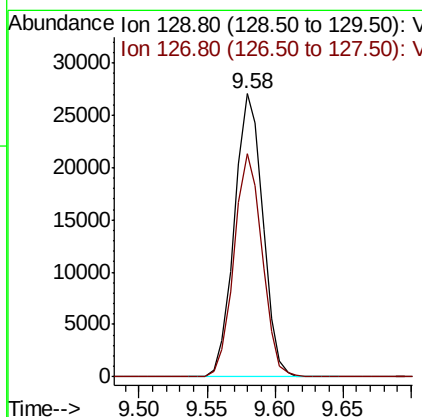
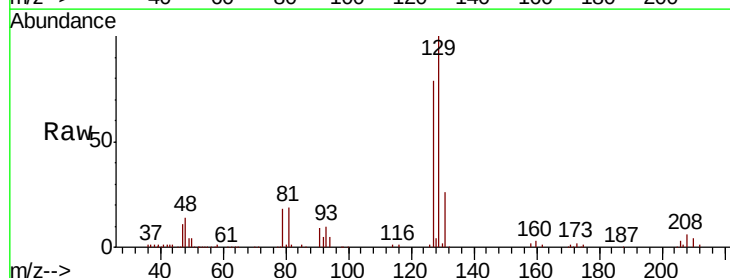
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

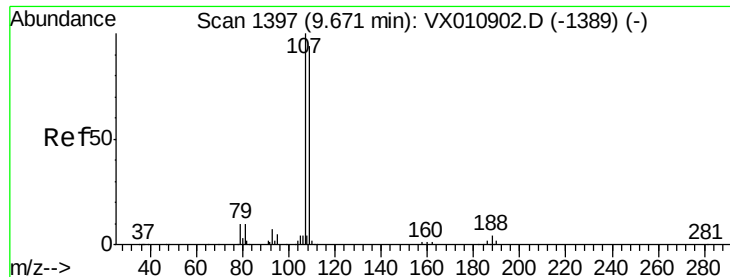
Tot Ion: 43 Resp: 212068
Ion Ratio Lower Upper
43 100
58 56.1 28.0 83.9



#60
Dibromochloromethane
Concen: 19.153 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Tgt Ion: 129 Resp: 39440
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.289 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

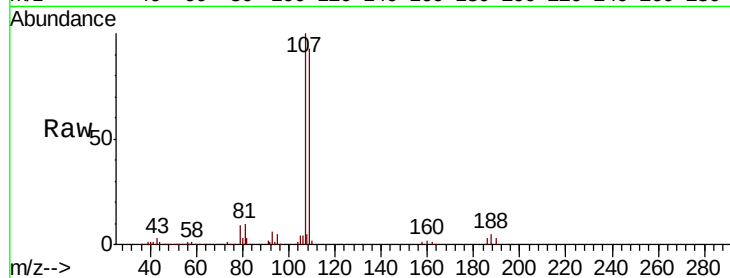
VX0729WBSD01

Tot Ion:107 Resp: 42139

Ion Ratio Lower Upper

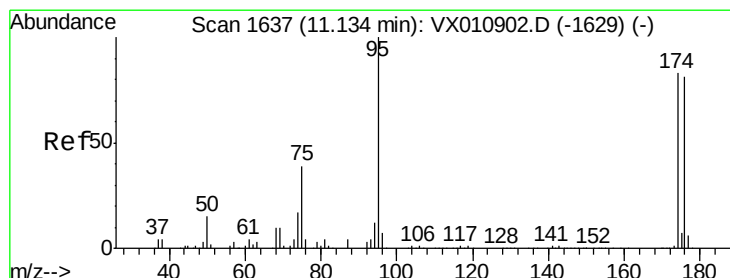
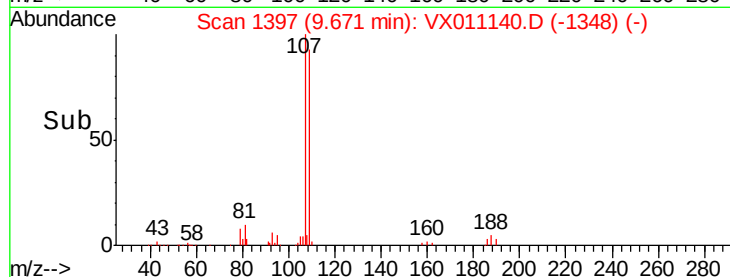
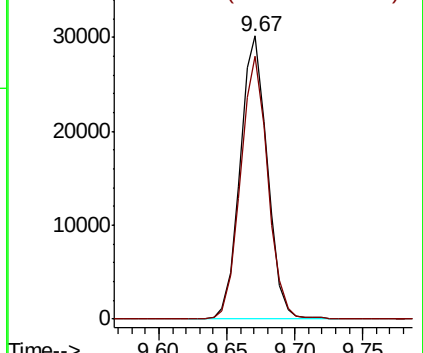
107 100

109 93.3 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.226 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

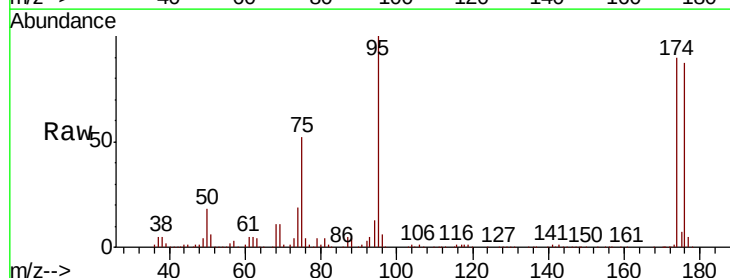
Tgt Ion: 95 Resp: 123865

Ion Ratio Lower Upper

95 100

174 92.0 0.0 180.6

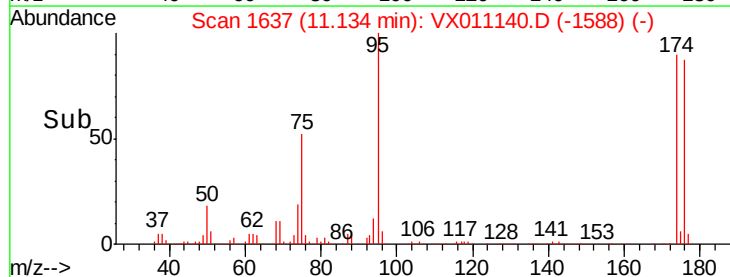
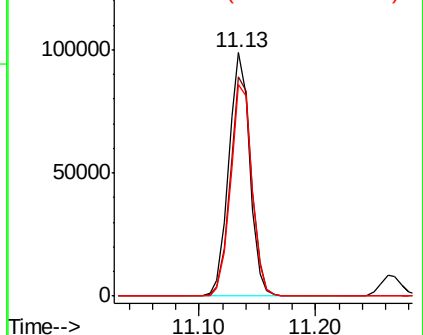
176 88.5 0.0 173.8

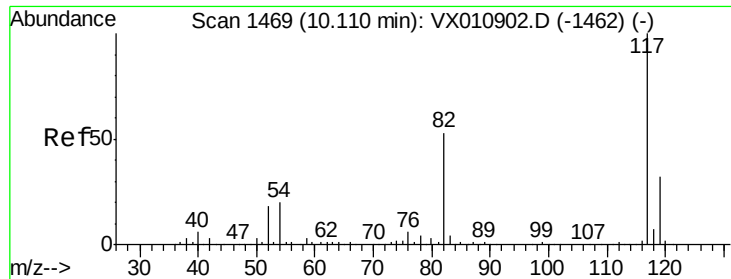


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

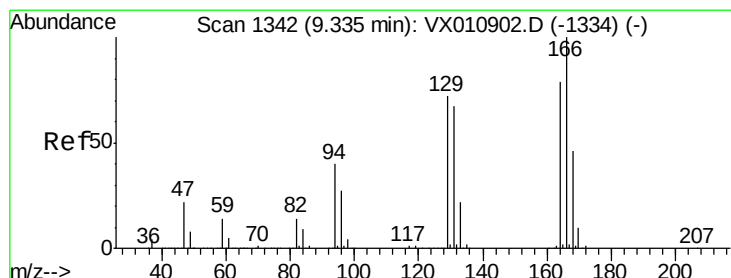
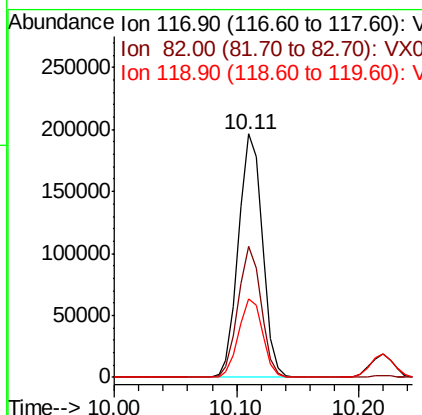
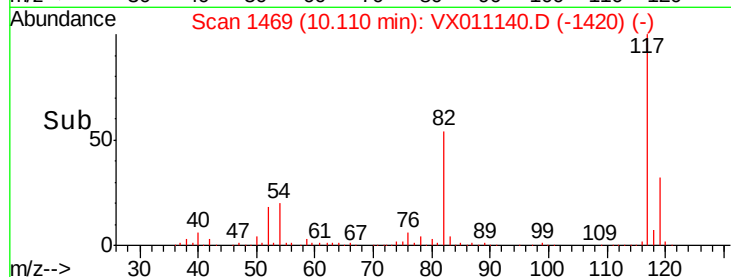
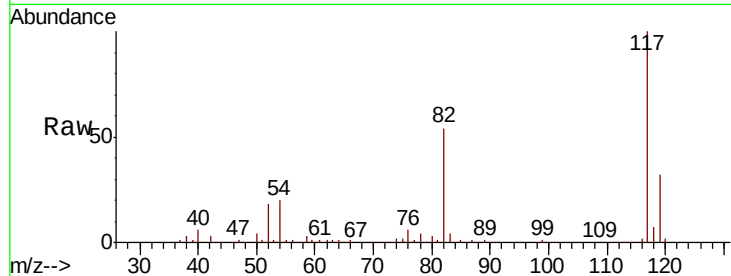




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

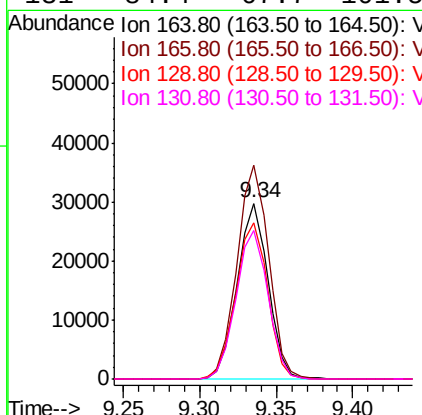
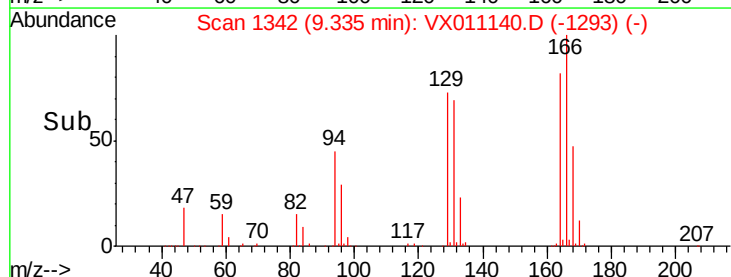
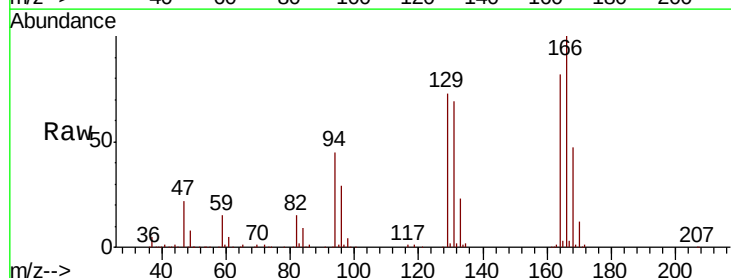
Instrument :
MSVOA_X
ClientSampled :
VX0729WBSD01

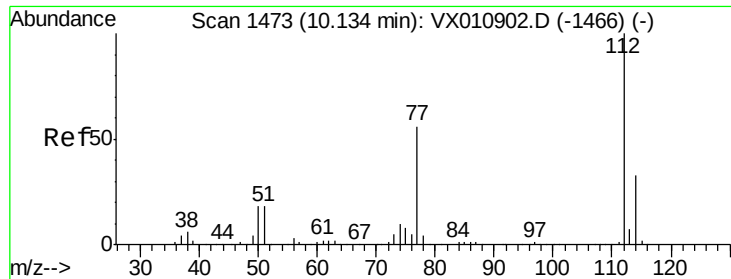
Tot Ion:117 Resp: 264103
Ion Ratio Lower Upper
117 100
82 53.6 42.6 63.8
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 20.036 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Tgt Ion:164 Resp: 41627
Ion Ratio Lower Upper
164 100
166 121.4 100.8 151.2
129 88.6 72.6 109.0
131 84.4 67.7 101.5

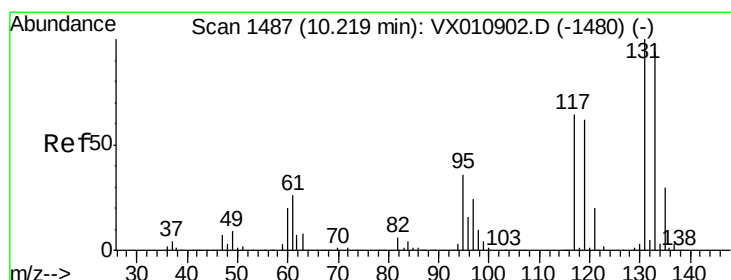
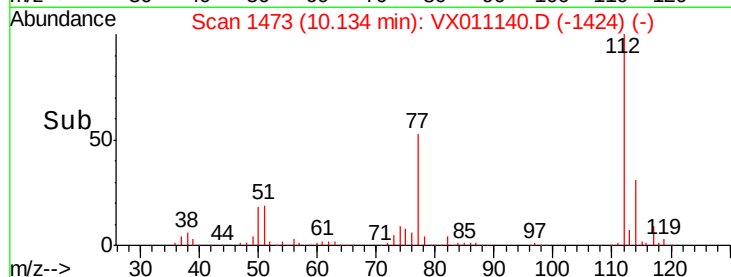
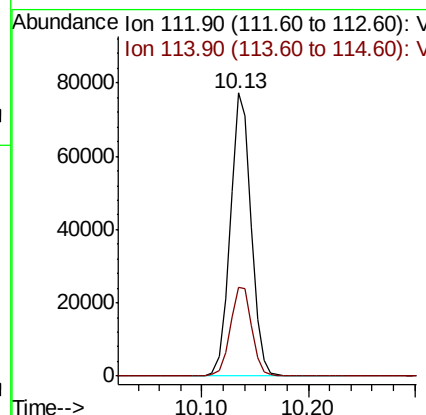
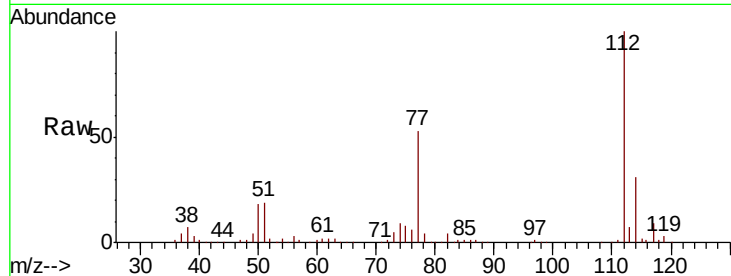




#65
Chlorobenzene
Concen: 19.468 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

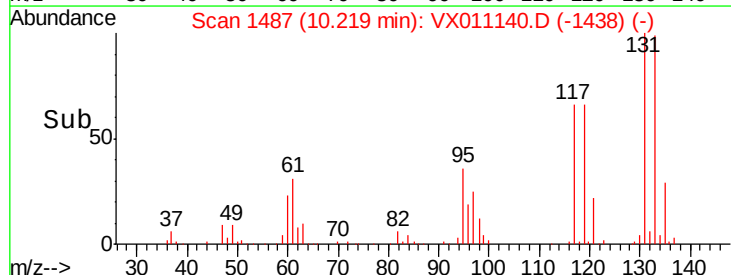
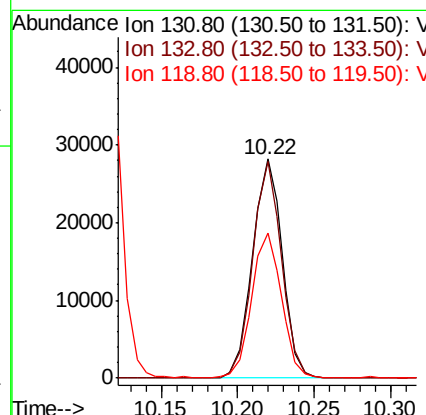
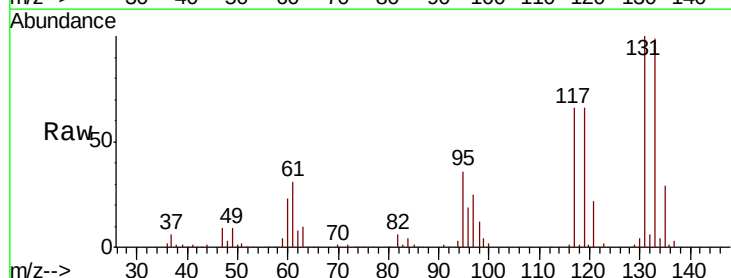
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

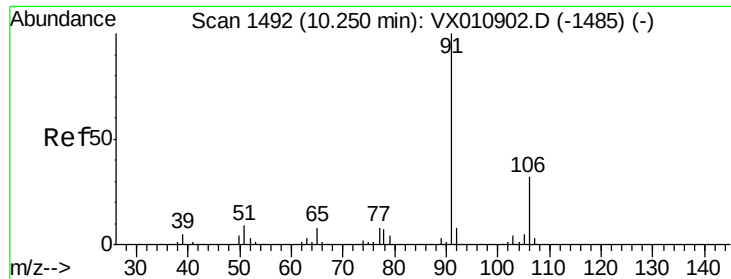
Tot Ion:112 Resp: 105602
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.015 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Tgt Ion:131 Resp: 38158
Ion Ratio Lower Upper
131 100
133 96.1 47.1 141.4
119 66.4 31.9 95.7

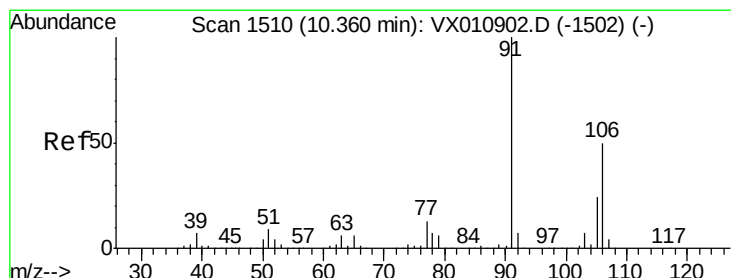
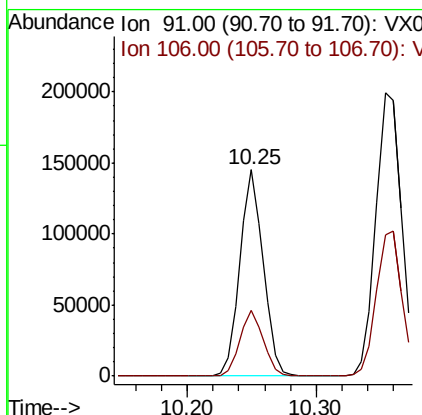
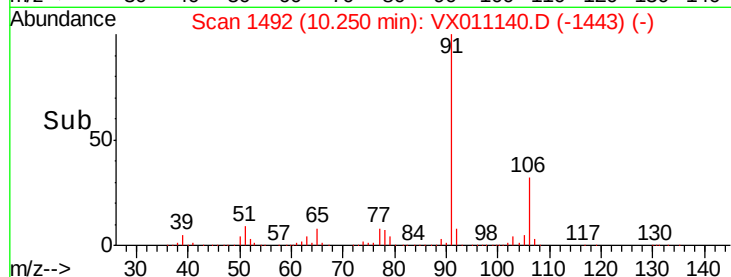
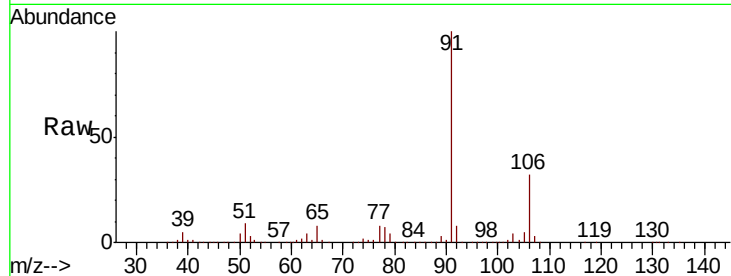




#67
Ethyl Benzene
Concen: 19.734 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

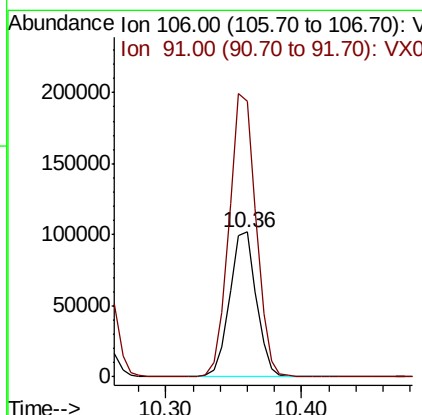
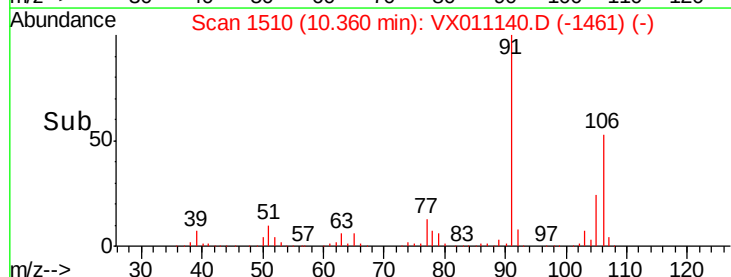
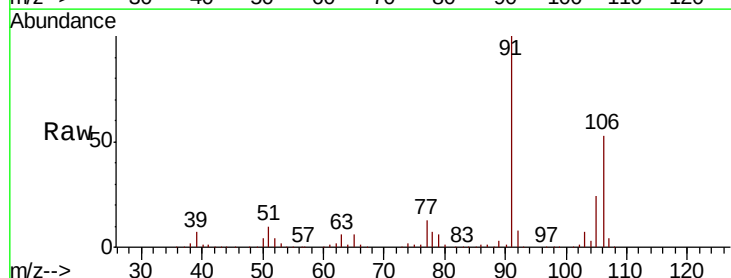
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

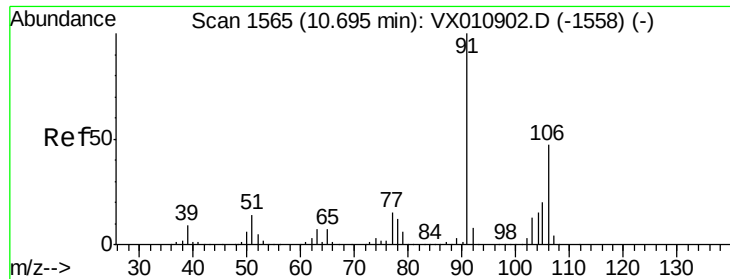
Tot Ion: 91 Resp: 182207
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.2



#68
m/p-Xylenes
Concen: 39.493 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Tgt Ion: 106 Resp: 139872
Ion Ratio Lower Upper
106 100
91 196.5 160.1 240.1

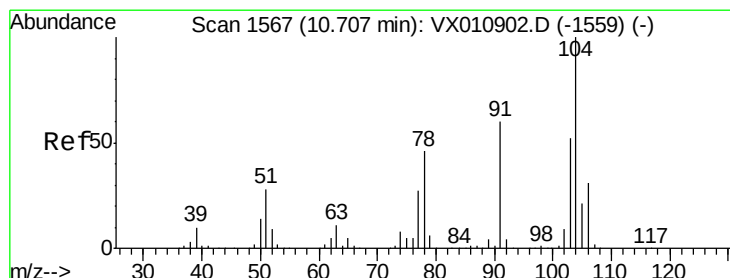
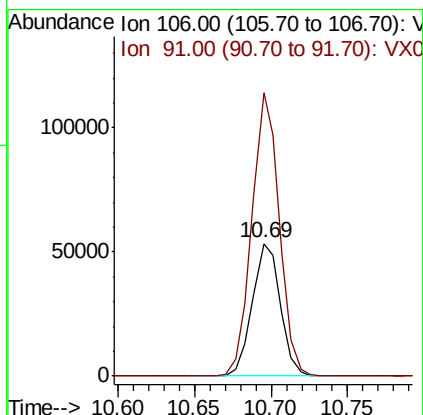
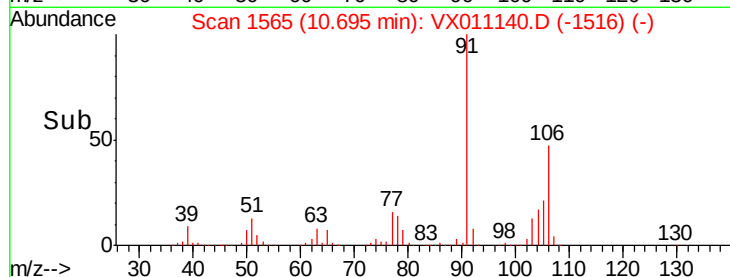
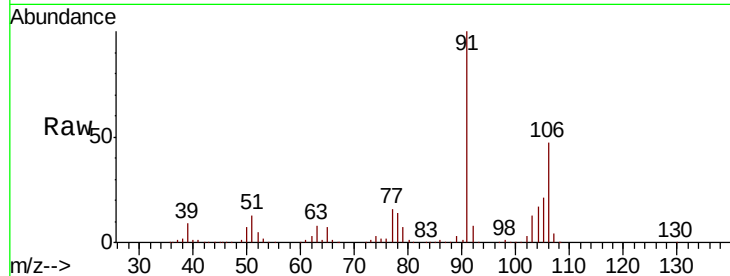




#69
o-Xylene
Concen: 19.679 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

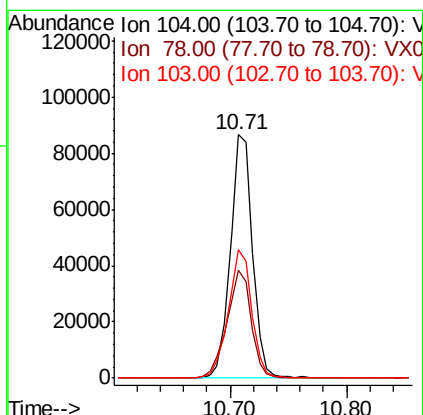
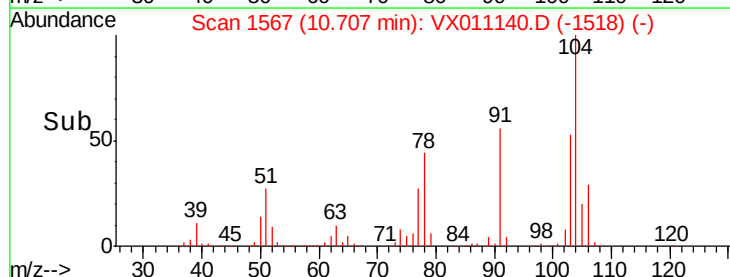
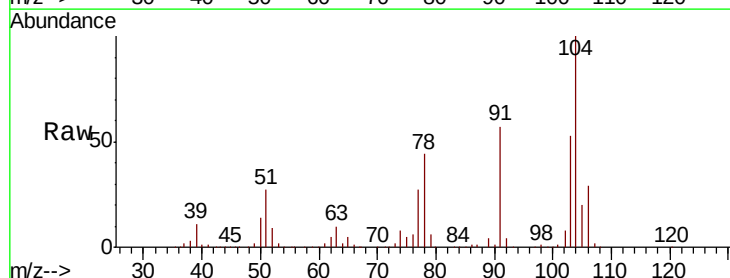
Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

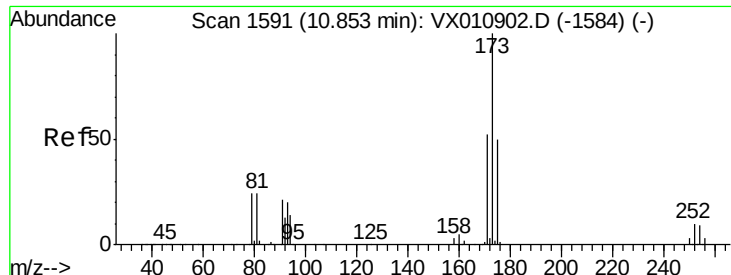
Tot Ion:106 Resp: 68022
Ion Ratio Lower Upper
106 100
91 209.5 105.1 315.3



#70
Styrene
Concen: 19.877 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Tgt Ion:104 Resp: 114533
Ion Ratio Lower Upper
104 100
78 48.2 38.8 58.2
103 55.7 44.2 66.4





#71

Bromoform

Concen: 18.599 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

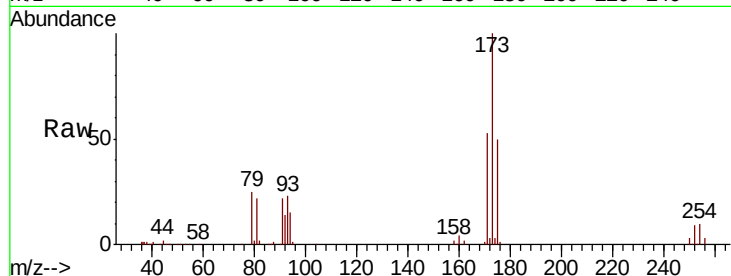
Tot Ion:173 Resp: 29357

Ion Ratio Lower Upper

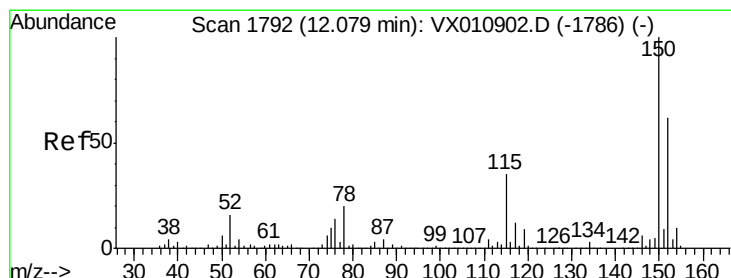
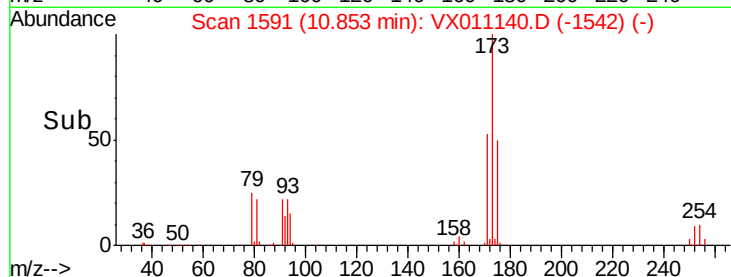
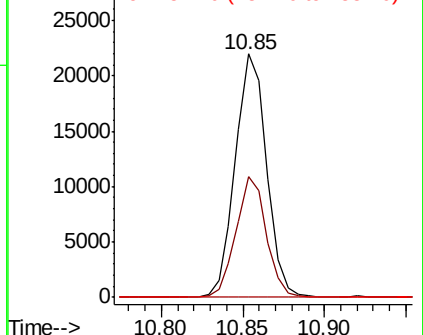
173 100

175 48.0 24.6 73.6

254 0.0 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: VX011140.D

Acq: 29 Jul 2019 13:05

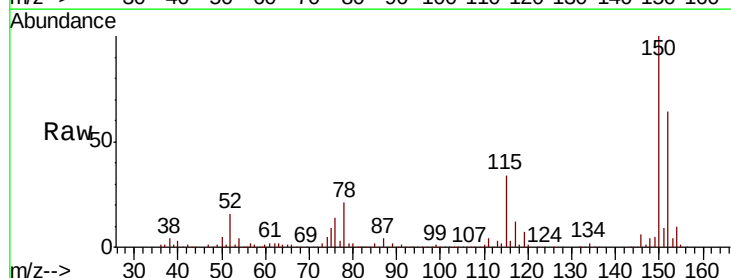
Tgt Ion:152 Resp: 140278

Ion Ratio Lower Upper

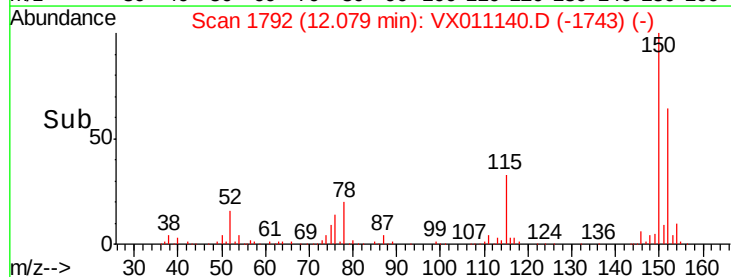
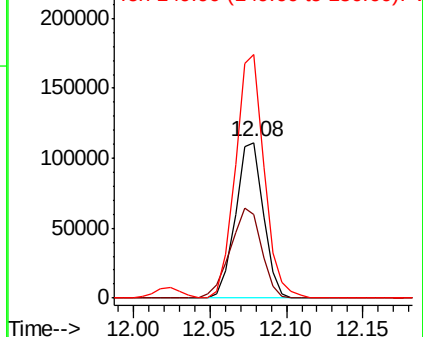
152 100

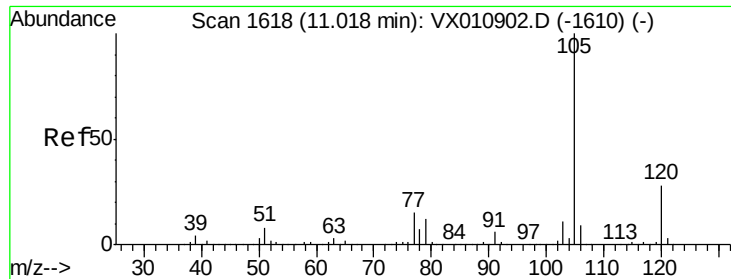
115 64.6 39.7 119.1

150 161.5 0.0 345.6



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: 19.441 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

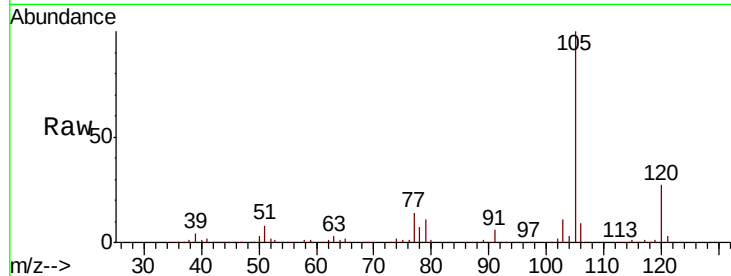
VX0729WBSD01

Tot Ion:105 Resp: 184273

Ion Ratio Lower Upper

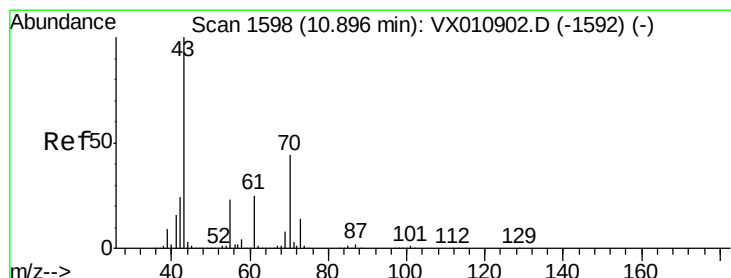
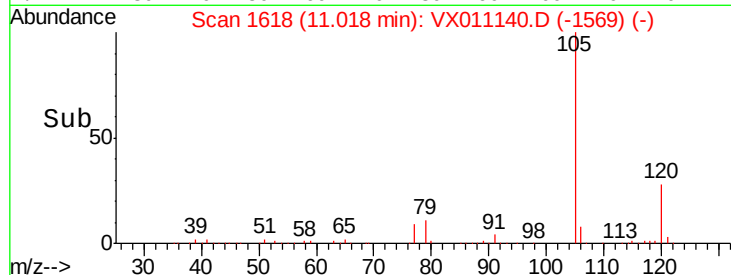
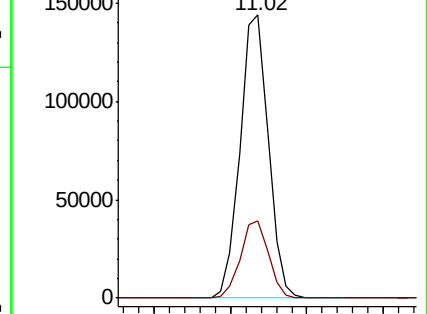
105 100

120 27.2 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.220 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Tgt Ion: 43 Resp: 69607

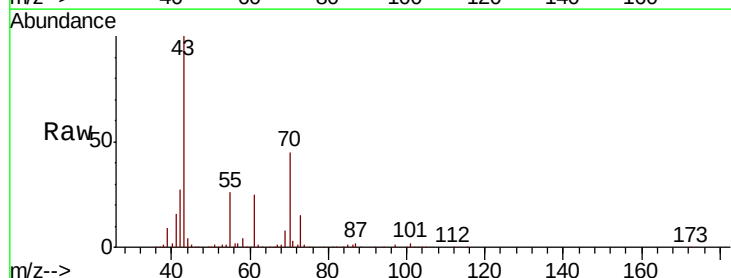
Ion Ratio Lower Upper

43 100

70 44.1 34.7 52.1

55 25.4 19.1 28.7

61 24.8 19.9 29.9

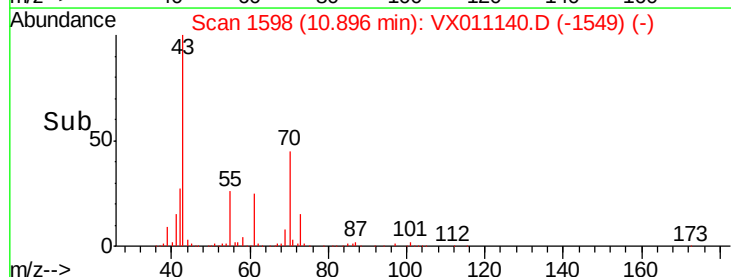
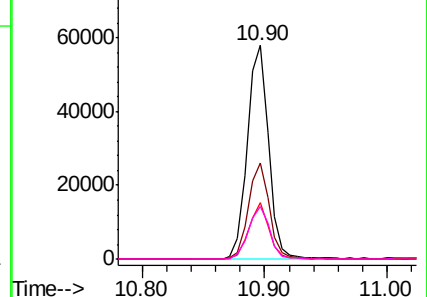


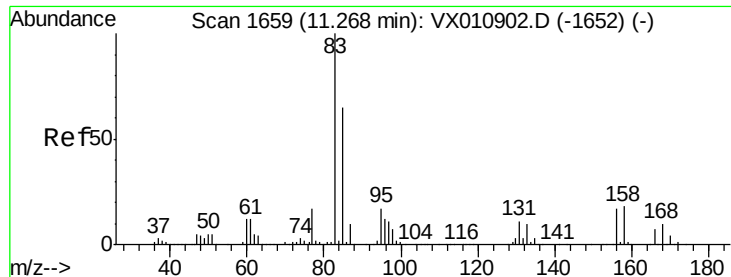
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.296 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

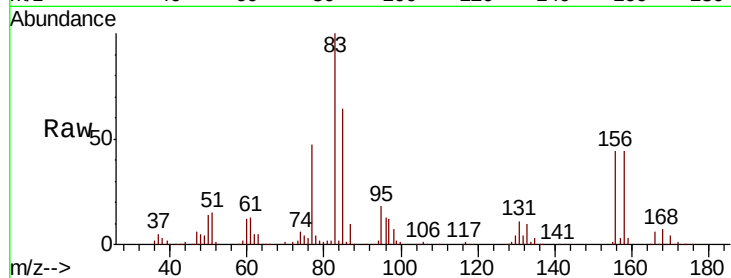
Tot Ion: 83 Resp: 62956

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

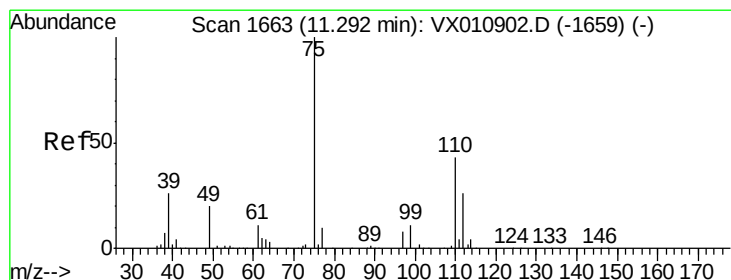
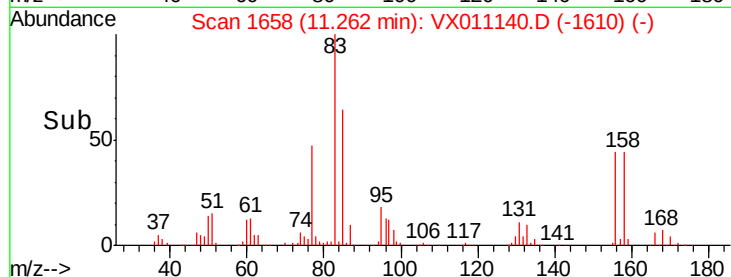
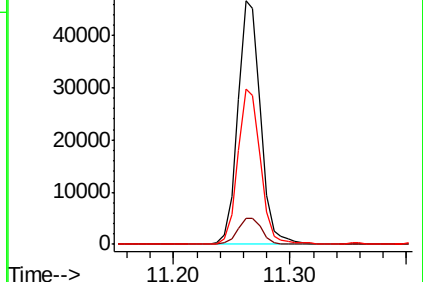
85 63.9 32.3 96.9



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: 26.035 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011140.D

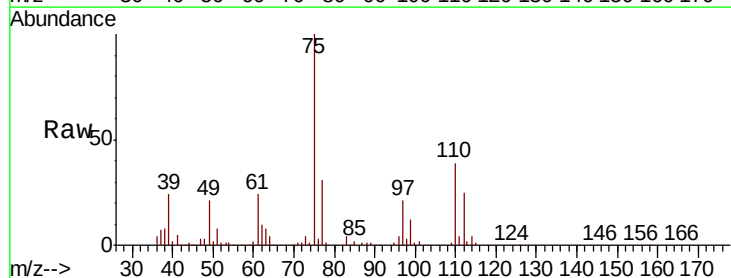
Acq: 29 Jul 2019 13:05

Tgt Ion: 75 Resp: 65904

Ion Ratio Lower Upper

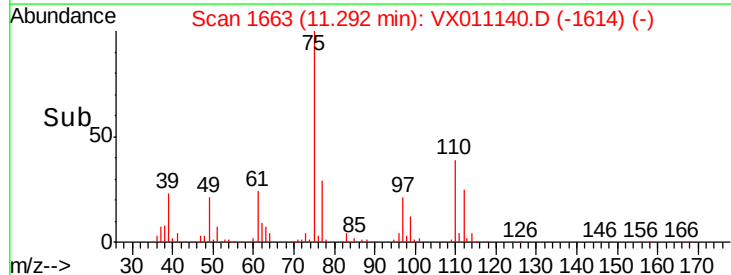
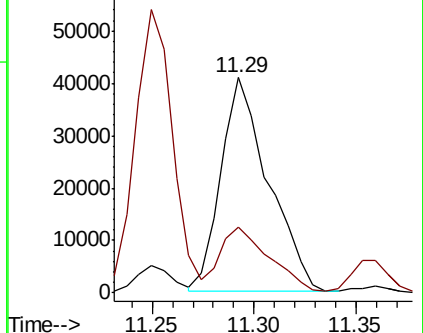
75 100

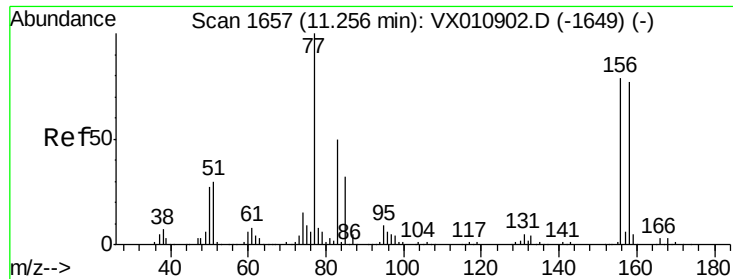
77 32.3 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.479 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0729WBSD01

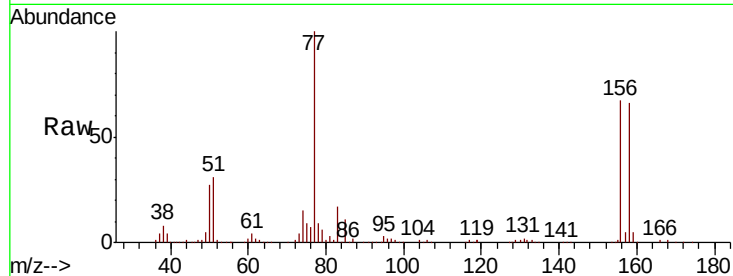
Tot Ion:156 Resp: 48314

Ion Ratio Lower Upper

156 100

77 142.5 68.7 206.1

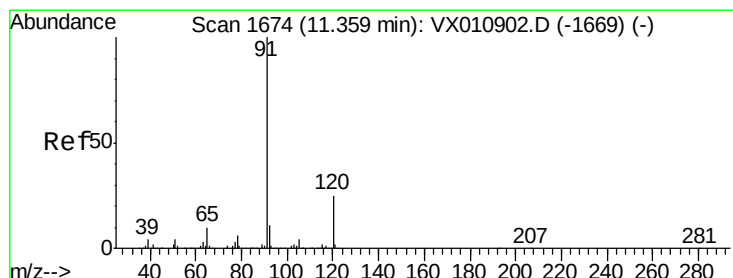
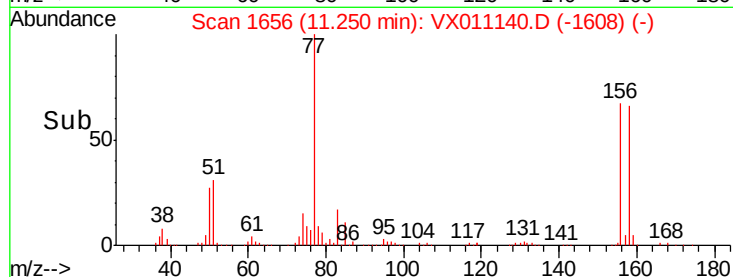
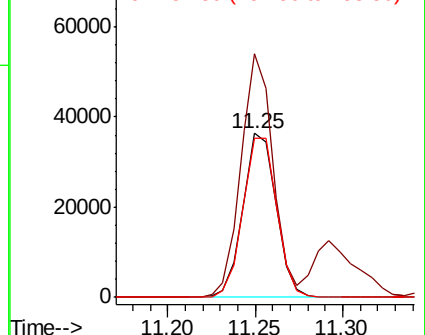
158 99.5 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.393 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011140.D

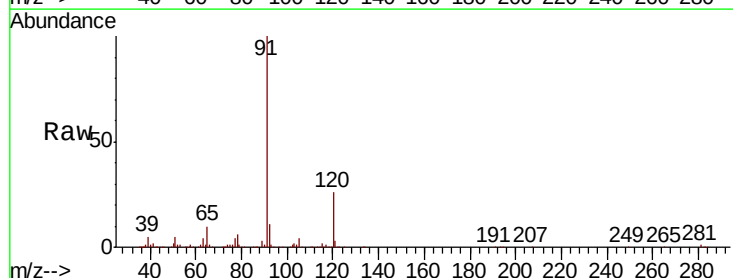
Acq: 29 Jul 2019 13:05

Tgt Ion: 91 Resp: 203109

Ion Ratio Lower Upper

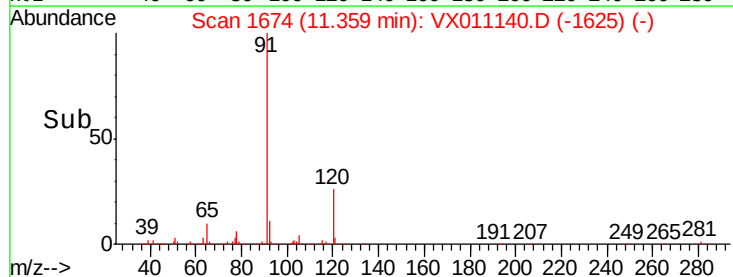
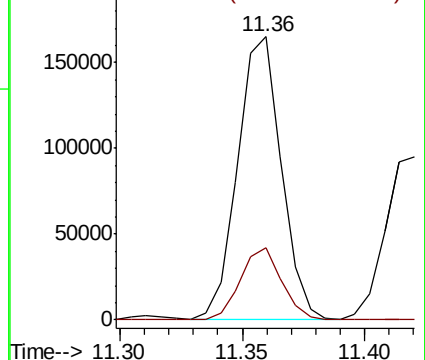
91 100

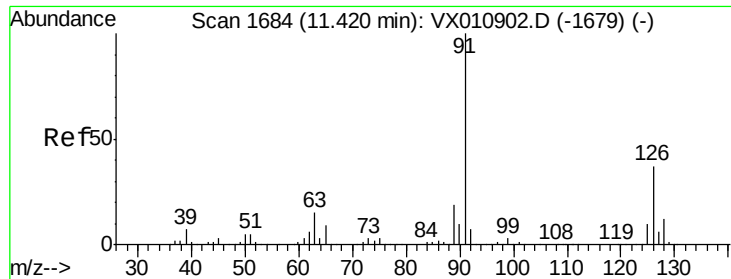
120 24.5 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

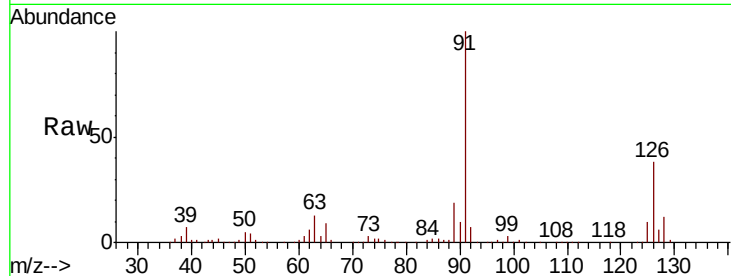




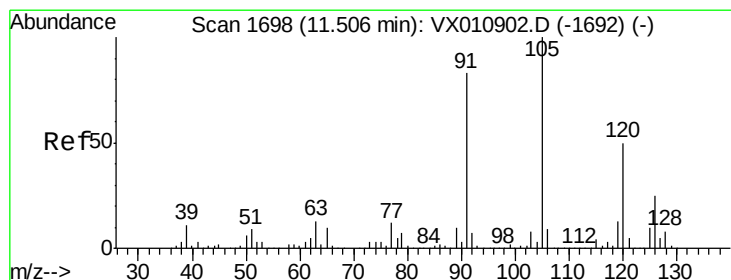
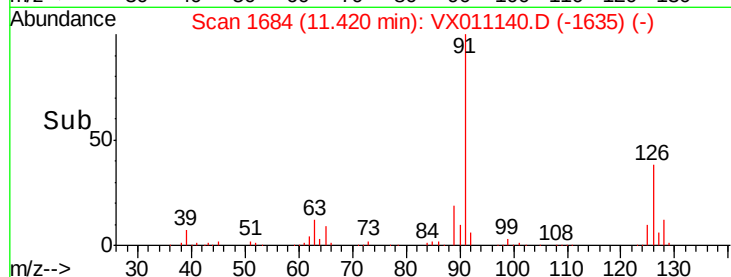
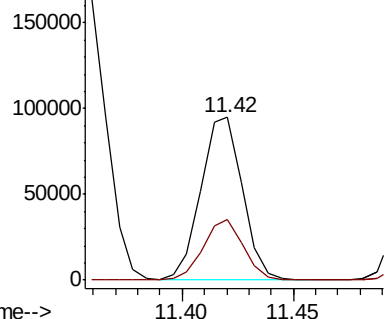
#79
 2-Chlorotoluene
 Concen: 19.488 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Tot Ion: 91 Resp: 122604
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.0 54.0

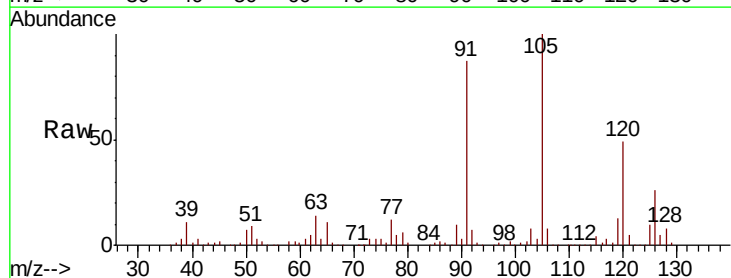


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

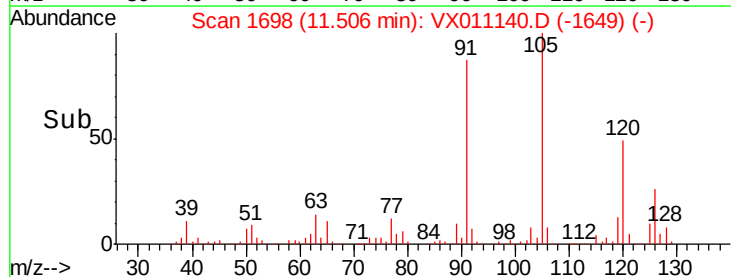
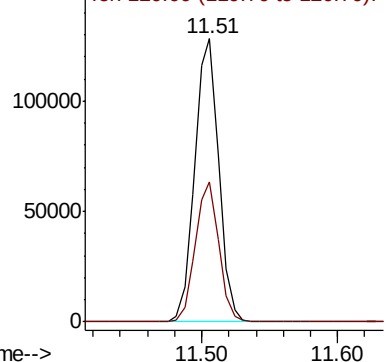


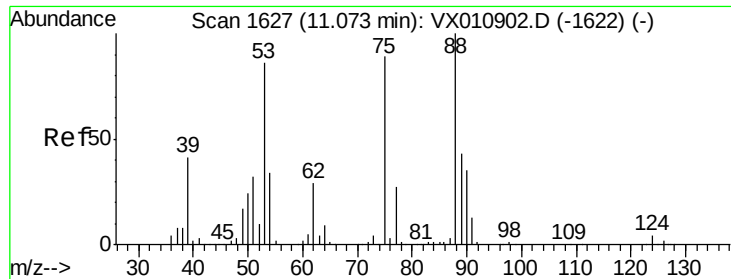
#80
 1,3,5-Trimethylbenzene
 Concen: 19.720 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Tgt Ion:105 Resp: 156187
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

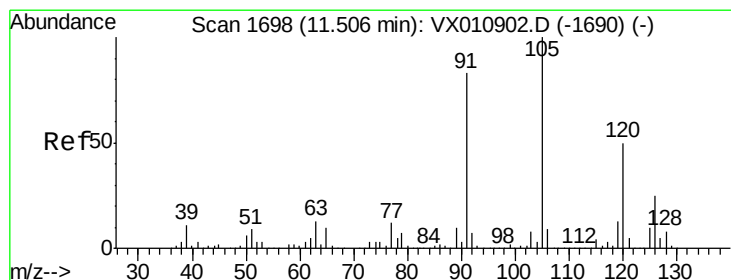
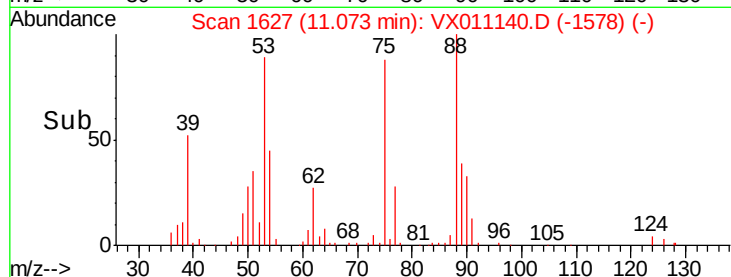
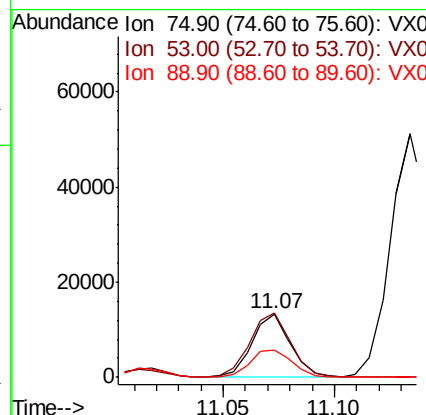
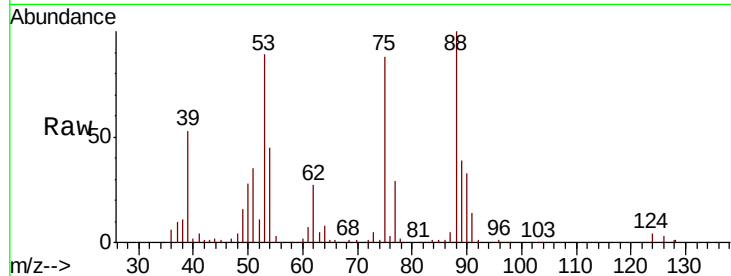




#81
trans-1,4-Dichloro-2-butene
Concen: 18.662 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

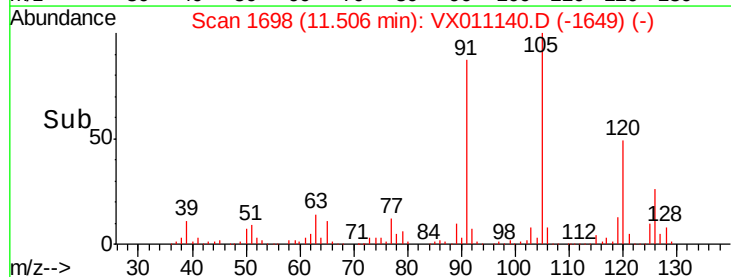
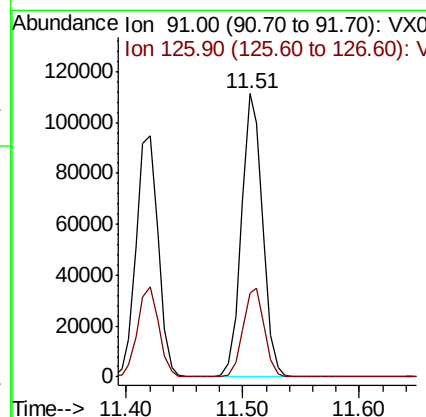
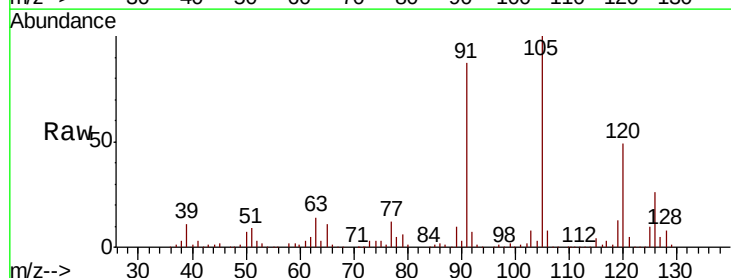
Instrument :
MSVOA_X
ClientSampled :
VX0729WBSD01

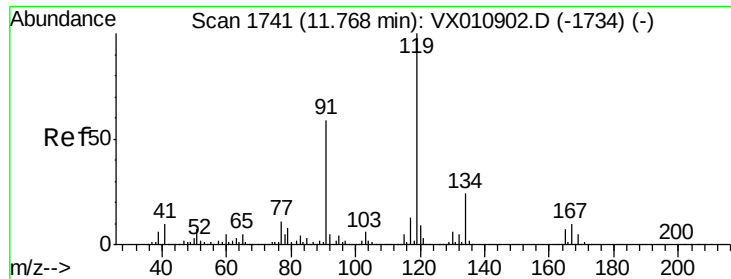
Tot Ion: 75 Resp: 15938
Ion Ratio Lower Upper
75 100
53 108.5 76.7 115.1
89 48.7 38.5 57.7



#82
4-Chlorotoluene
Concen: 19.206 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Tgt Ion: 91 Resp: 140639
Ion Ratio Lower Upper
91 100
126 31.5 15.9 47.7

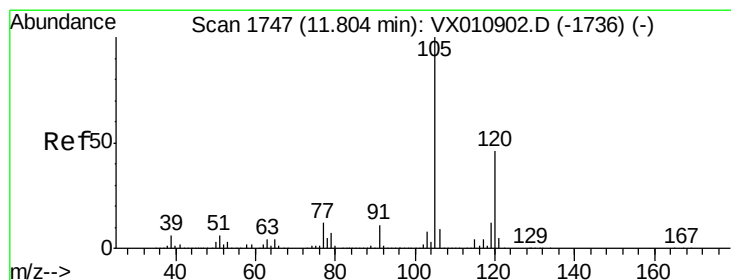
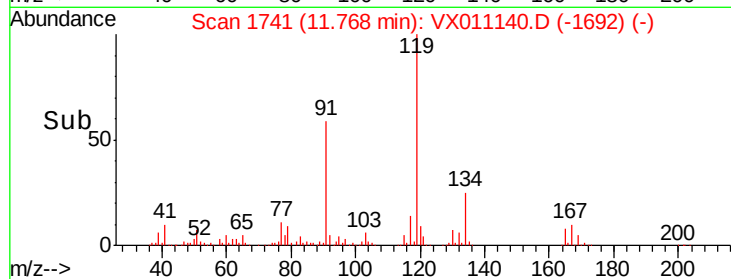
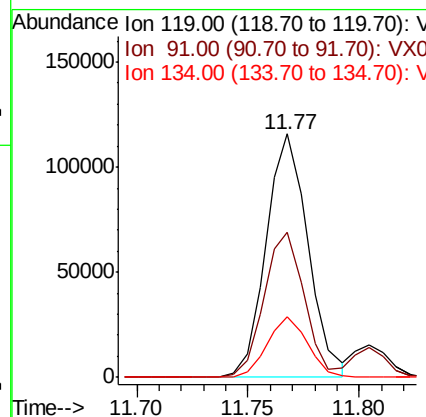
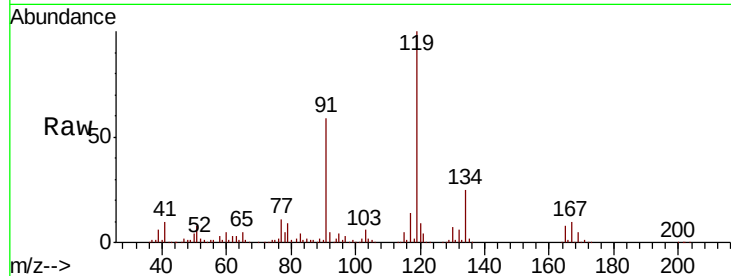




#83
 tert-Butylbenzene
 Concen: 19.477 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

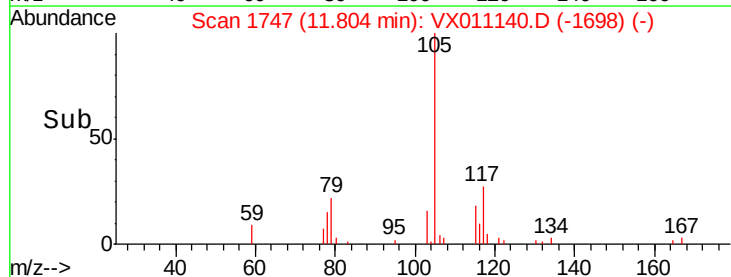
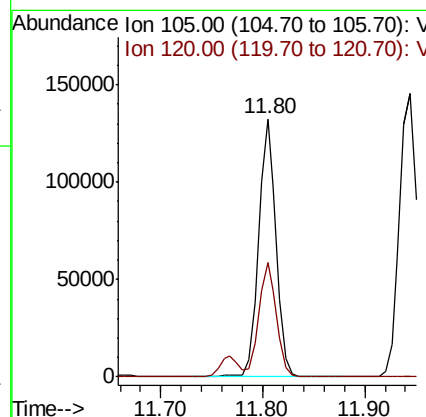
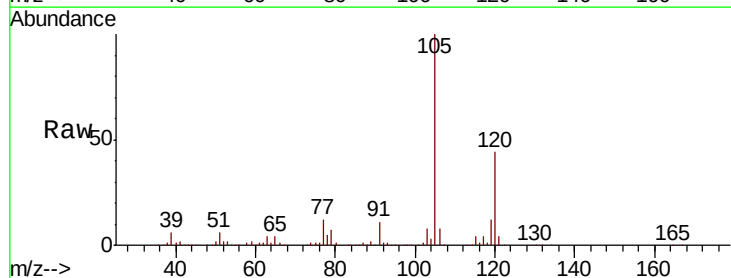
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

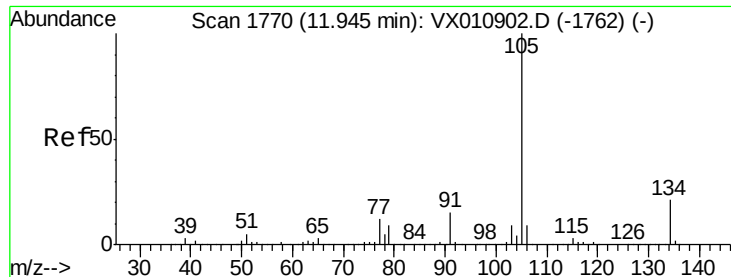
Tot Ion:119 Resp: 151529
 Ion Ratio Lower Upper
 119 100
 91 57.8 28.6 85.8
 134 23.8 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.849 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Tgt Ion:105 Resp: 158451
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.9 68.5





#85

sec-Butylbenzene

Concen: 19.618 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

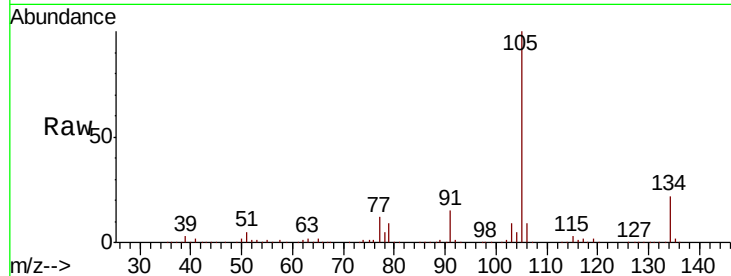
VX0729WBSD01

Tot Ion:105 Resp: 178835

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

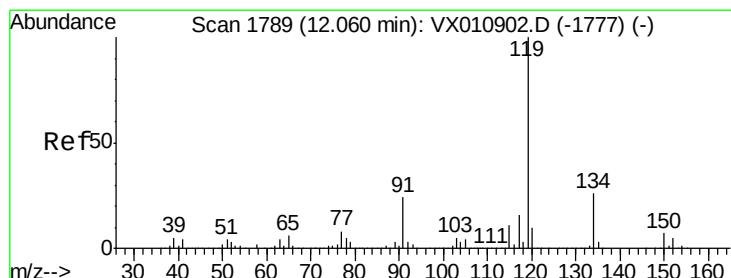
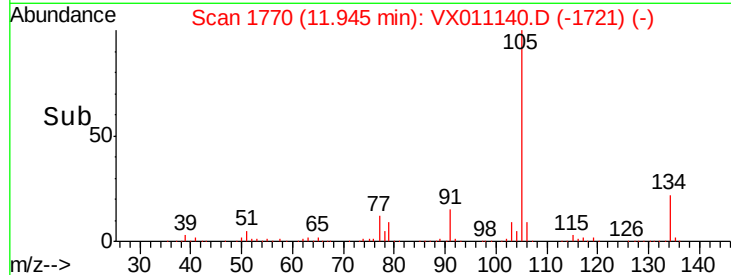
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.618 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

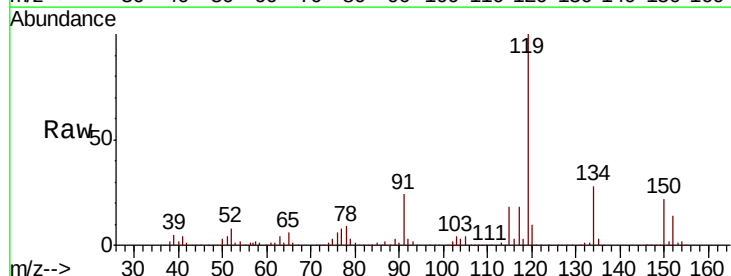
Tgt Ion:119 Resp: 165329

Ion Ratio Lower Upper

119 100

134 27.6 13.4 40.1

91 23.7 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

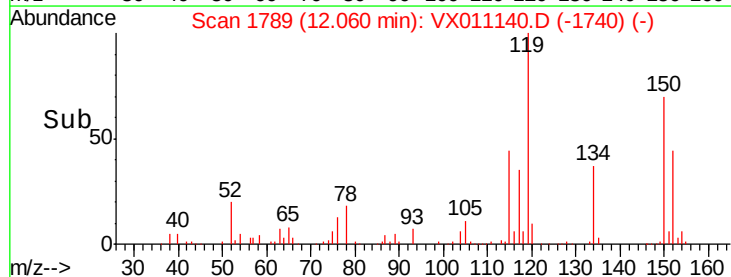
150000

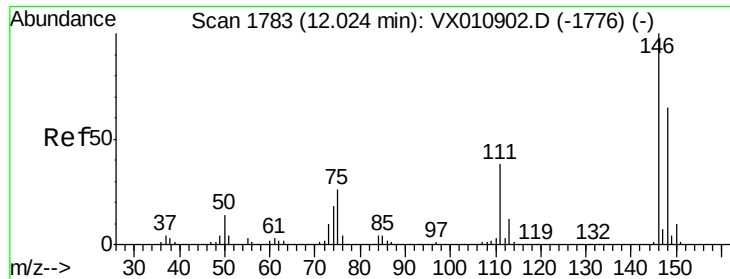
100000

50000

0

Time-->

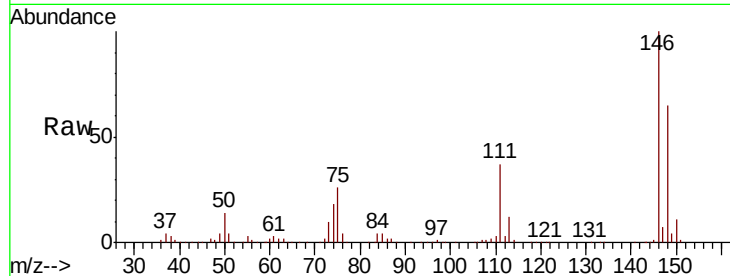




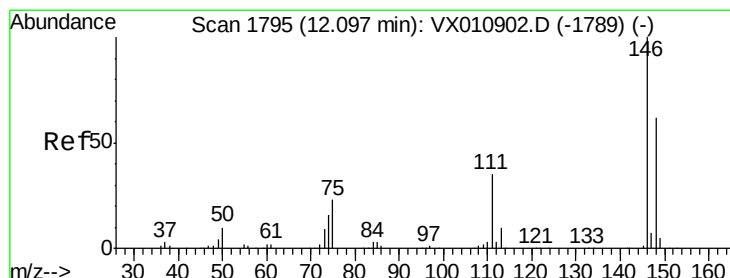
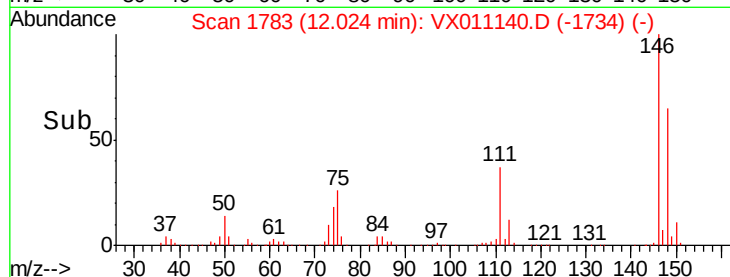
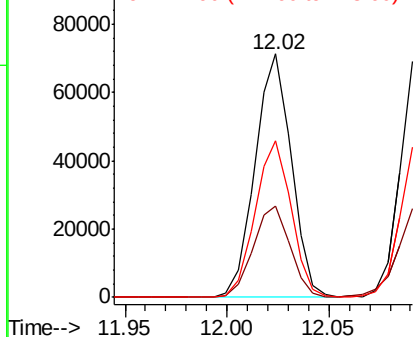
#87
 1,3-Dichlorobenzene
 Concen: 19.496 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Tot Ion:146 Resp: 88461
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.9
 148 63.9 32.2 96.6

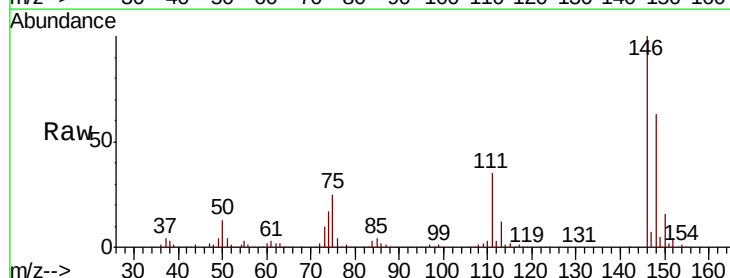


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

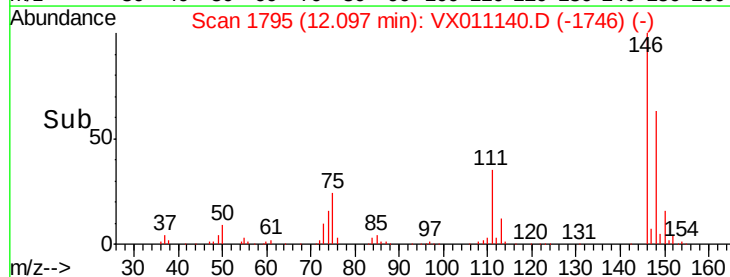
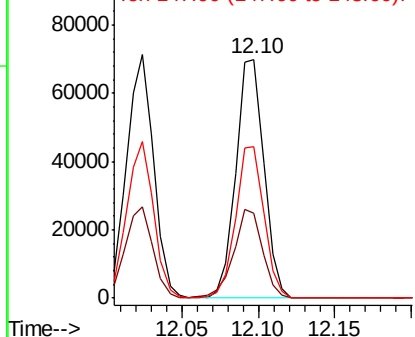


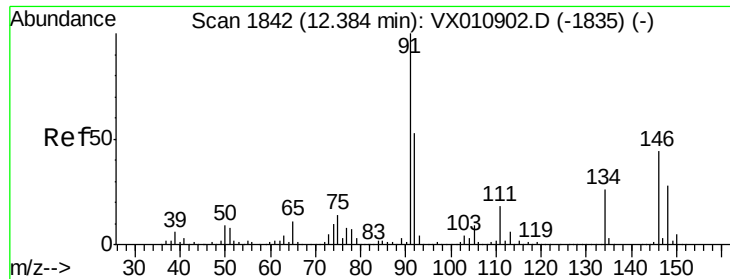
#88
 1,4-Dichlorobenzene
 Concen: 19.111 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Tgt Ion:146 Resp: 88932
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.6 55.8
 148 64.3 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





#89

n-Butylbenzene

Concen: 19.523 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

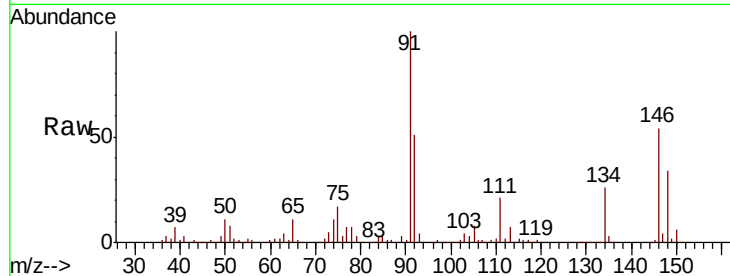
Tot Ion: 91 Resp: 140761

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

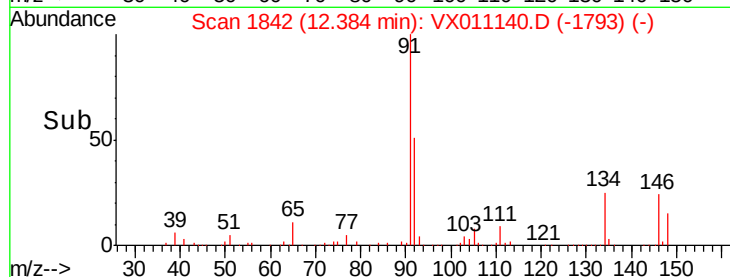
134 27.0 13.8 41.3



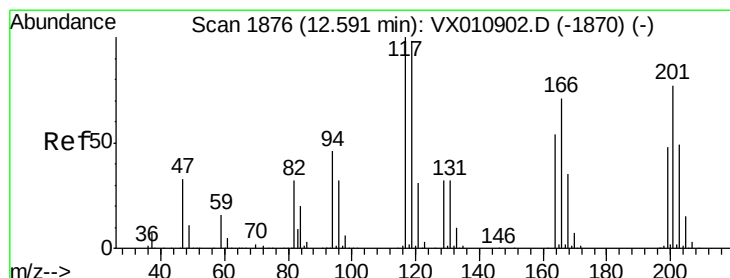
Abundance Ion 91.00 (90.70 to 91.70): VX011140.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX011140.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX011140.D (-1793) (-)



Time-->



#90

Hexachloroethane

Concen: 18.493 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. 0.00 min

Lab File: VX011140.D

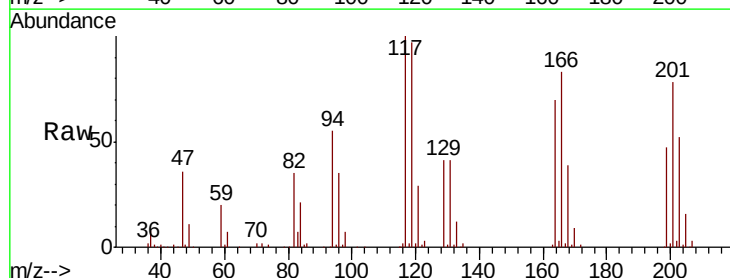
Acq: 29 Jul 2019 13:05

Tgt Ion: 117 Resp: 24581

Ion Ratio Lower Upper

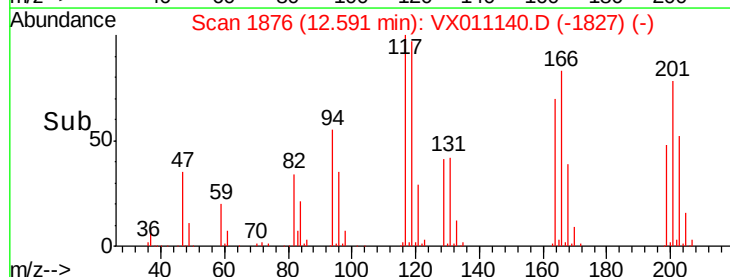
117 100

201 85.0 43.3 129.8

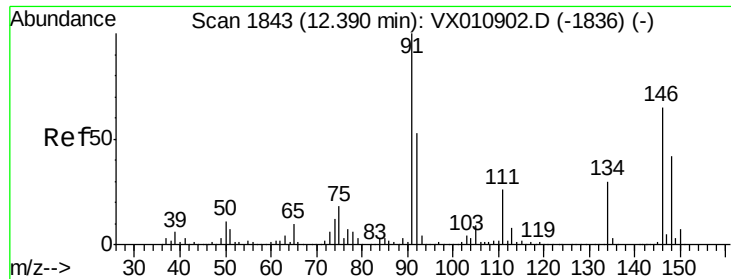


Abundance Ion 116.80 (116.50 to 117.50): VX011140.D (-1827) (-)

Ion 200.70 (200.40 to 201.40): VX011140.D (-1827) (-)



Time-->



#91

1,2-Dichlorobenzene

Concen: 19.940 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBSD01

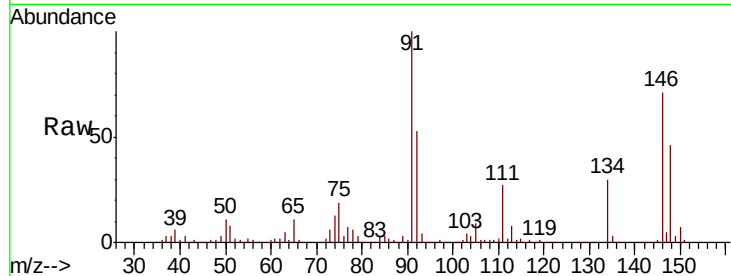
Tot Ion:146 Resp: 89664

Ion Ratio Lower Upper

146 100

111 38.5 19.9 59.7

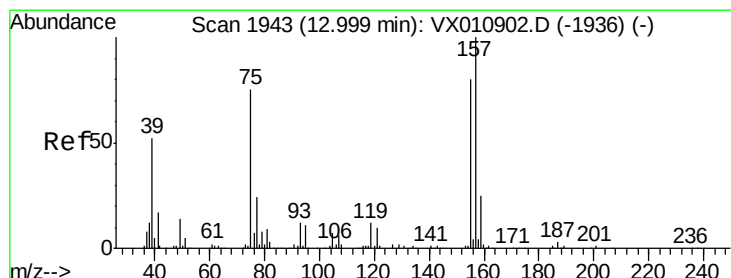
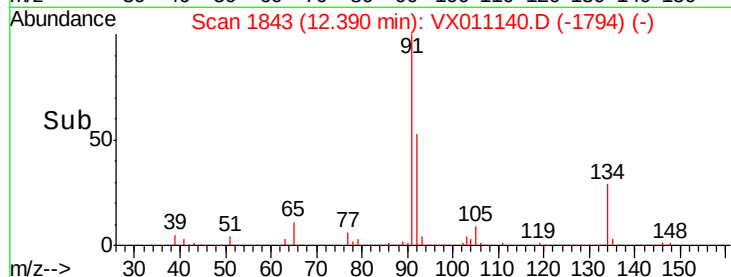
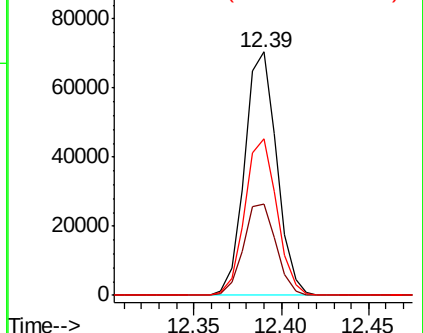
148 64.4 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.594 ug/l

RT: 12.99 min Scan# 1942

Delta R.T. -0.01 min

Lab File: VX011140.D

Acq: 29 Jul 2019 13:05

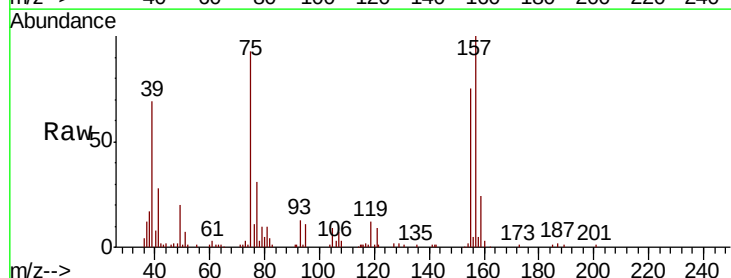
Tgt Ion: 75 Resp: 13353

Ion Ratio Lower Upper

75 100

155 92.8 48.7 146.1

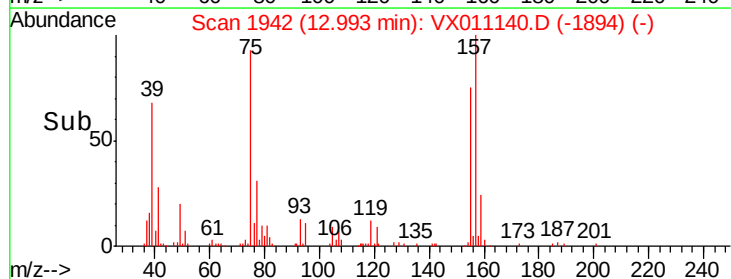
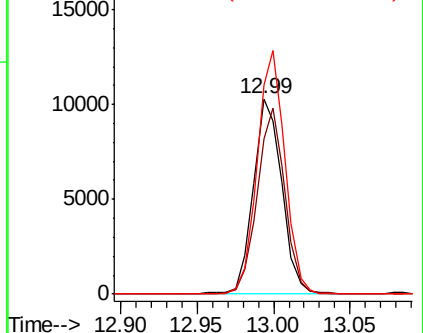
157 121.0 62.5 187.6

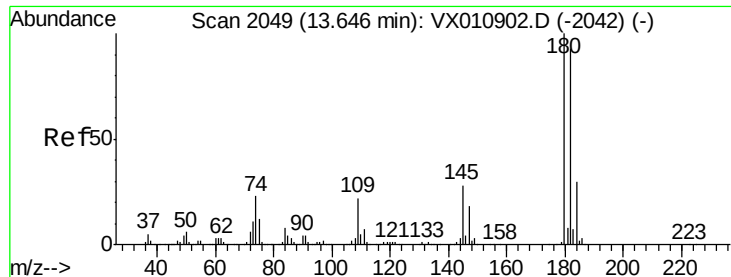


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

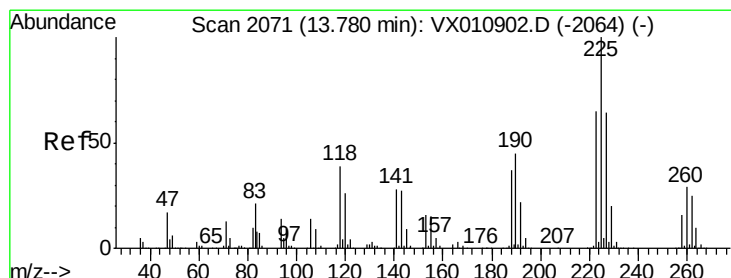
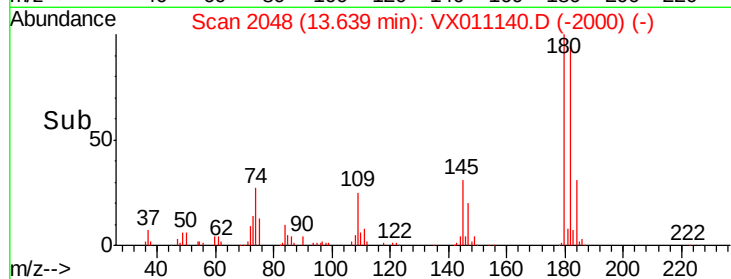
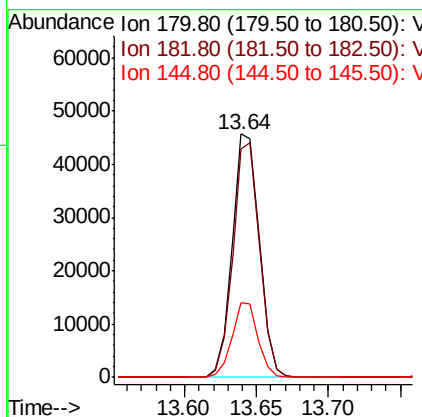
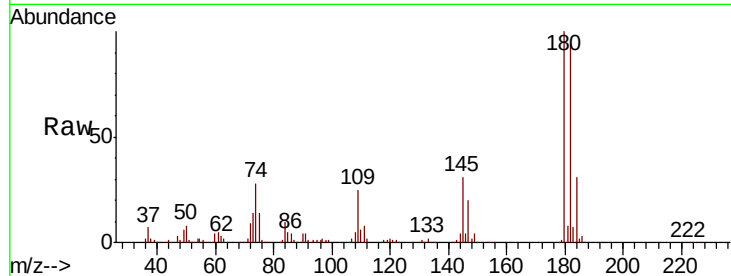




#93
 1,2,4-Trichlorobenzene
 Concen: 19.810 ug/l
 RT: 13.64 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

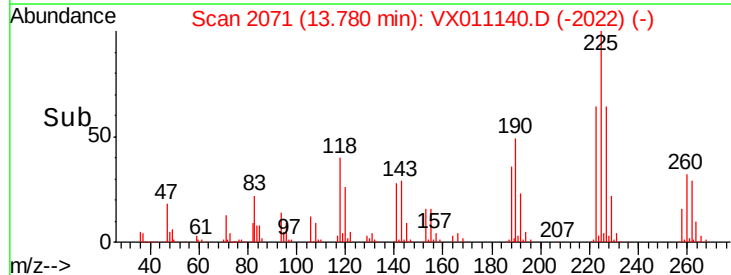
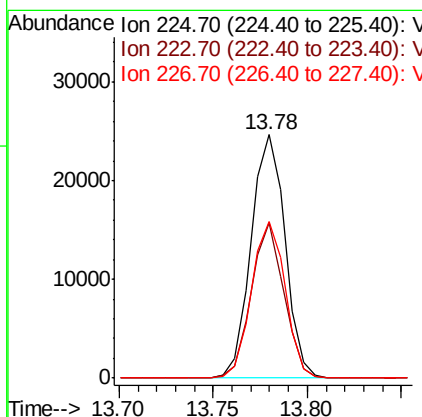
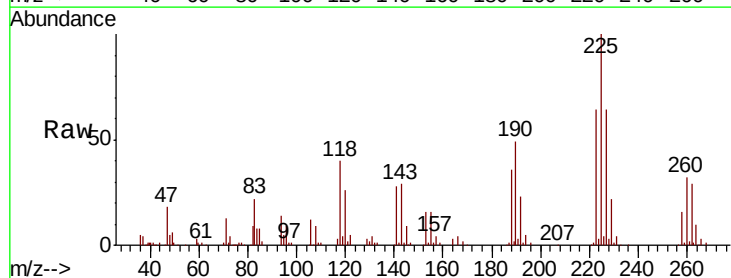
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

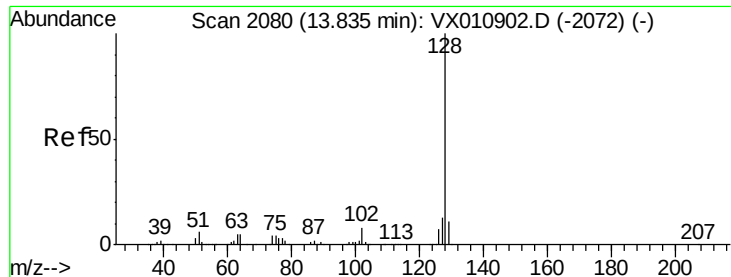
Tot Ion:180 Resp: 60370
 Ion Ratio Lower Upper
 180 100
 182 94.2 47.1 141.3
 145 29.4 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 20.364 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011140.D
 Acq: 29 Jul 2019 13:05

Tgt Ion:225 Resp: 30754
 Ion Ratio Lower Upper
 225 100
 223 61.2 31.9 95.9
 227 63.8 32.5 97.4

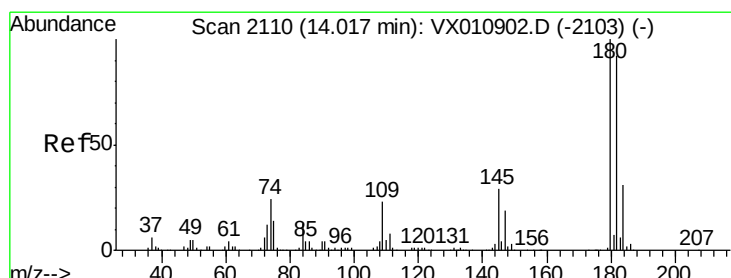
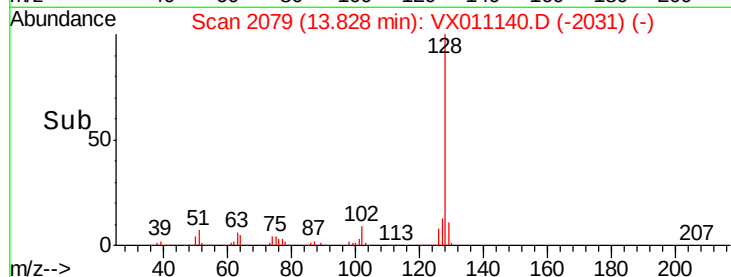
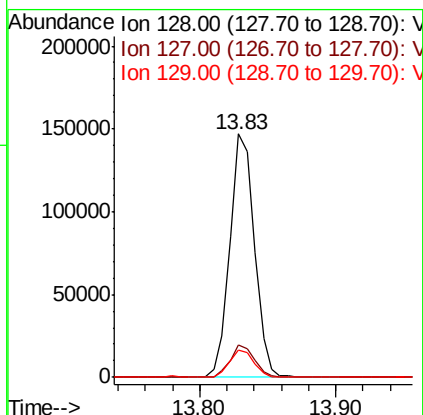
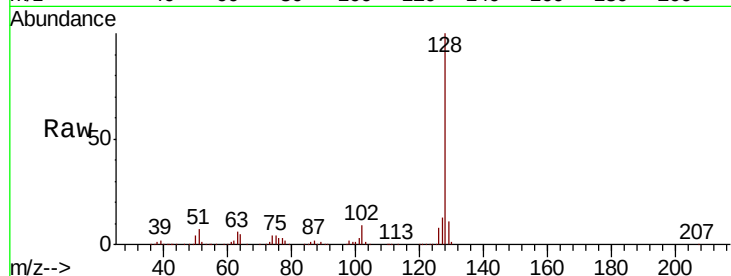




#95
Naphthalene
Concen: 20.541 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBSD01

Tot Ion:128 Resp: 184853
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 20.341 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011140.D
Acq: 29 Jul 2019 13:05

Tgt Ion:180 Resp: 61678
Ion Ratio Lower Upper
180 100
182 94.6 47.4 142.3
145 31.8 15.1 45.3

