

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007769.D
 Acq On : 28 Feb 2019 16:25
 Operator : JC/SP
 Sample : VX0228WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Quant Time: Mar 01 01:31:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	289166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	416182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	375509	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190413	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168282	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
35) Dibromofluoromethane	5.50	113	138240	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	8.71	98	515018	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
62) 4-Bromofluorobenzene	11.13	95	183568	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49647	18.638	ug/l	99
3) Chloromethane	1.33	50	54310	18.399	ug/l	99
4) Vinyl Chloride	1.41	62	58198	19.217	ug/l	99
5) Bromomethane	1.64	94	35957	17.849	ug/l	100
6) Chloroethane	1.73	64	37367	19.313	ug/l	99
7) Trichlorofluoromethane	1.93	101	84722	18.249	ug/l	98
8) Diethyl Ether	2.19	74	35045	18.393	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51127	18.220	ug/l	98
10) Methyl Iodide	2.51	142	68369	19.567	ug/l	99
11) Tert butyl alcohol	3.07	59	70535	103.789	ug/l	99
12) 1,1-Dichloroethene	2.38	96	48096	19.015	ug/l	95
13) Acrolein	2.30	56	39385	65.217	ug/l	100
14) Allyl chloride	2.73	41	97977	20.949	ug/l	94
15) Acrylonitrile	3.15	53	165316	103.367	ug/l	99
16) Acetone	2.45	43	166035	104.238	ug/l	100
17) Carbon Disulfide	2.57	76	127530	18.123	ug/l	99
18) Methyl Acetate	2.78	43	78134	22.480	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	169953	19.295	ug/l	97
20) Methylene Chloride	2.86	84	54390	18.492	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	50452	18.348	ug/l	90
22) Diisopropyl ether	3.87	45	199598	20.501	ug/l	95
23) Vinyl Acetate	3.82	43	858426	100.496	ug/l	97
24) 1,1-Dichloroethane	3.70	63	105001	19.844	ug/l	98
25) 2-Butanone	4.70	43	258912	106.709	ug/l	93
26) 2,2-Dichloropropane	4.59	77	78676	18.627	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	63251	18.077	ug/l	92
28) Bromochloromethane	5.02	49	50790	19.717	ug/l	87
29) Tetrahydrofuran	5.15	42	160972	100.647	ug/l	94
30) Chloroform	5.21	83	105410	18.598	ug/l	100
31) Cyclohexane	5.58	56	95217	19.131	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	88227	18.822	ug/l	97
36) 1,1-Dichloropropene	5.80	75	78166	20.891	ug/l	97
37) Ethyl Acetate	4.85	43	92991	22.373	ug/l	100
38) Carbon Tetrachloride	5.79	117	76429	20.335	ug/l	98

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Instrument :
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 ClientSampleId :
 VX0228WBSD01

Quant Time: Mar 01 01:31:41 2019
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 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92369	19.533	ug/l	92
40) Benzene	6.15	78	239560	20.741	ug/l	100
41) Methacrylonitrile	5.06	41	52082	23.467	ug/l	96
42) 1,2-Dichloroethane	6.20	62	85194	21.945	ug/l	100
43) Isopropyl Acetate	6.46	43	143062	22.365	ug/l	97
44) Trichloroethene	7.21	130	63642	20.030	ug/l	94
45) 1,2-Dichloropropane	7.51	63	64068	21.413	ug/l	100
46) Dibromomethane	7.66	93	40180	19.250	ug/l	98
47) Bromodichloromethane	7.90	83	75078	20.756	ug/l	99
48) Methyl methacrylate	7.77	41	76272	22.747	ug/l	92
49) 1,4-Dioxane	7.75	88	30220	417.279	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	479845	112.064	ug/l	99
52) Toluene	8.79	92	148732	20.421	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	80814	19.766	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	91206	20.778	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	62666	20.633	ug/l	98
56) Ethyl methacrylate	9.18	69	90157	20.874	ug/l	95
57) 1,3-Dichloropropane	9.37	76	102336	21.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	237056	99.529	ug/l	97
59) 2-Hexanone	9.49	43	370830	110.311	ug/l	98
60) Dibromochloromethane	9.58	129	60564	20.723	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65414	20.744	ug/l	99
64) Tetrachloroethene	9.34	164	64497	21.157	ug/l	98
65) Chlorobenzene	10.14	112	165179	20.338	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	60149	21.232	ug/l	99
67) Ethyl Benzene	10.25	91	273821	20.353	ug/l	100
68) m/p-Xylenes	10.36	106	210487	40.216	ug/l	96
69) o-Xylene	10.69	106	101255	20.113	ug/l	95
70) Styrene	10.71	104	166237	20.089	ug/l	99
71) Bromoform	10.85	173	46319	21.804	ug/l #	99
73) Isopropylbenzene	11.02	105	273258	20.079	ug/l	100
74) N-amyl acetate	10.90	43	121480	20.556	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	93984	19.967	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	104752	25.809	ug/l	80
77) Bromobenzene	11.26	156	74547	21.839	ug/l	95
78) n-propylbenzene	11.36	91	306391	19.923	ug/l	97
79) 2-Chlorotoluene	11.42	91	185093	19.989	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	227321	20.307	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	24956	18.495	ug/l	90
82) 4-Chlorotoluene	11.51	91	209954	19.382	ug/l	98
83) tert-Butylbenzene	11.77	119	222242	20.677	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	231780	20.242	ug/l	99
85) sec-Butylbenzene	11.94	105	271273	20.141	ug/l	99
86) p-Isopropyltoluene	12.06	119	241263	20.454	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	127582	20.150	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	128888	19.876	ug/l	98
89) n-Butylbenzene	12.38	91	199320	18.948	ug/l	99
90) Hexachloroethane	12.60	117	37652	18.945	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	129324	20.414	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19426	18.941	ug/l	93

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

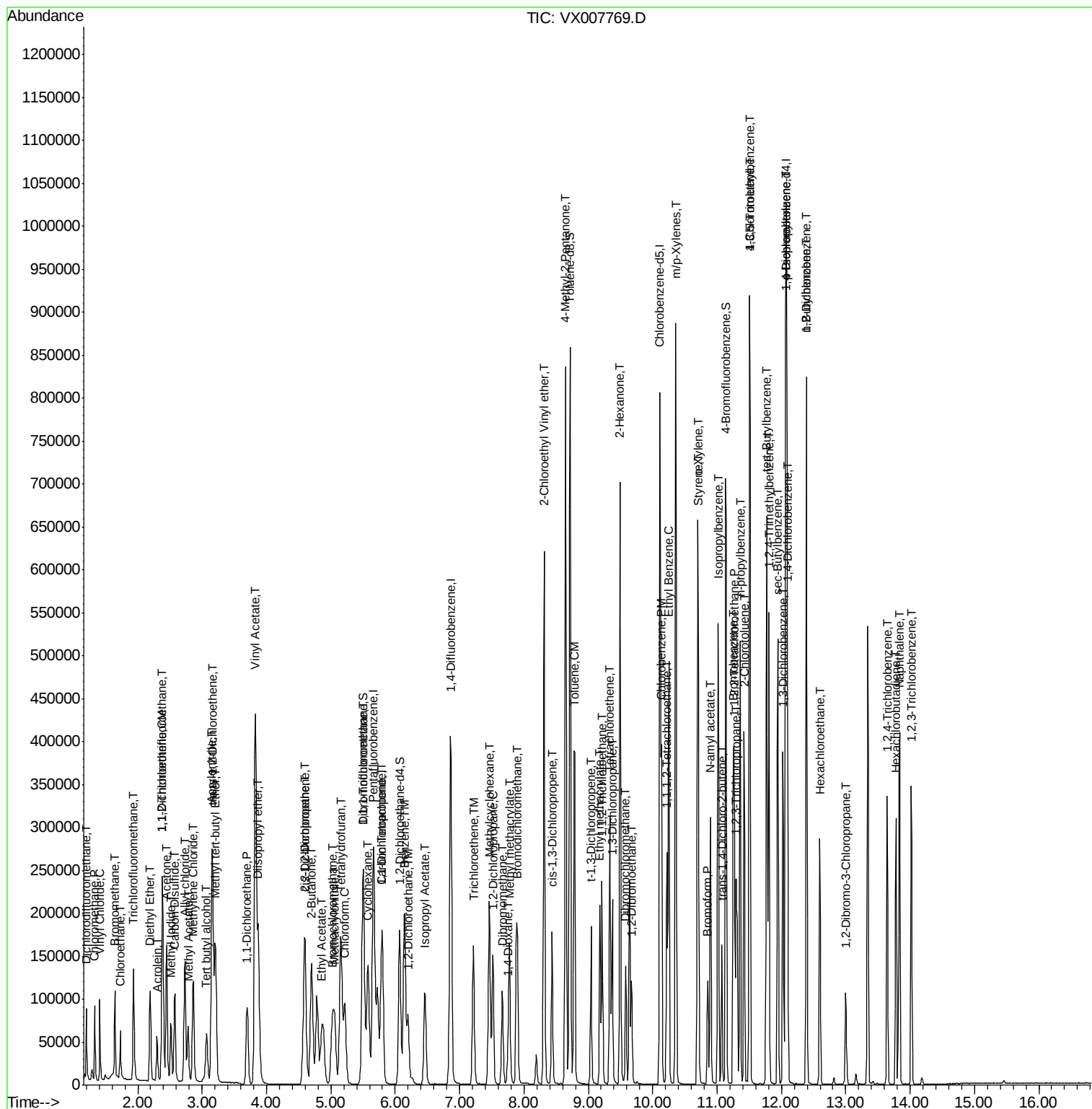
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

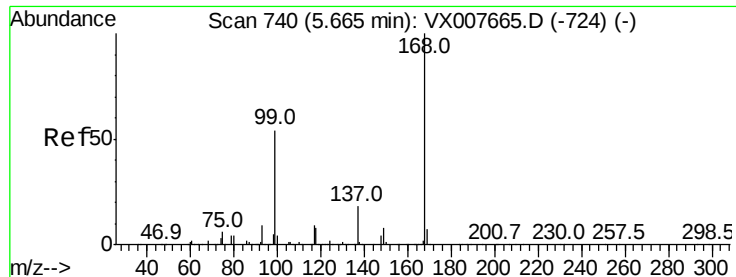
Quant Time: Mar 01 01:31:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87409	22.603	ug/l	99
94) Hexachlorobutadiene	13.78	225	48633	27.491	ug/l	99
95) Naphthalene	13.83	128	256170	20.447	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	89100	22.947	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

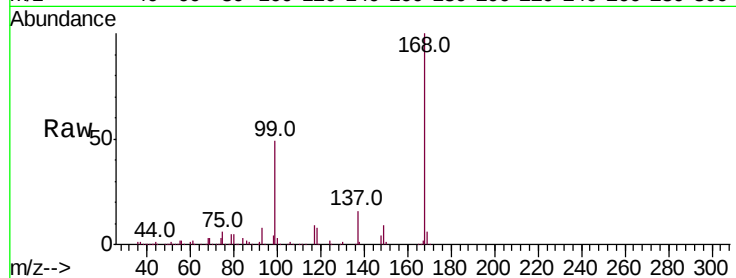
VX0228WBSD01

Tot Ion:168 Resp: 289166

Ion Ratio Lower Upper

168 100

99 48.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

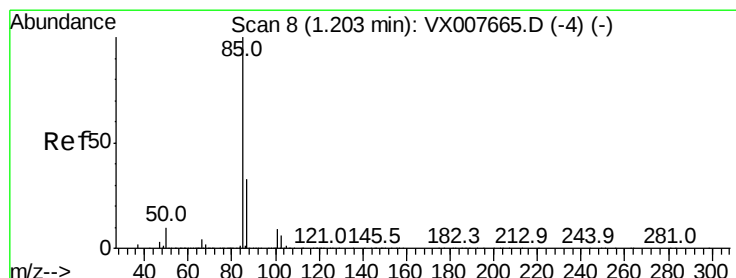
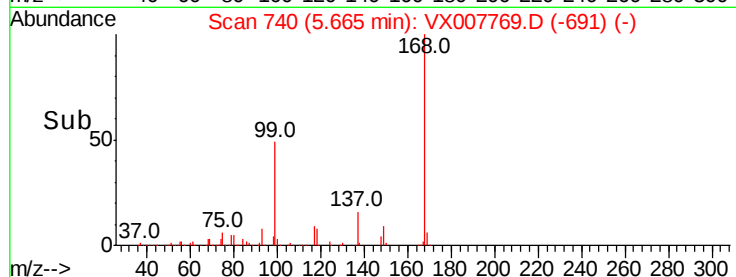
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.638 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007769.D

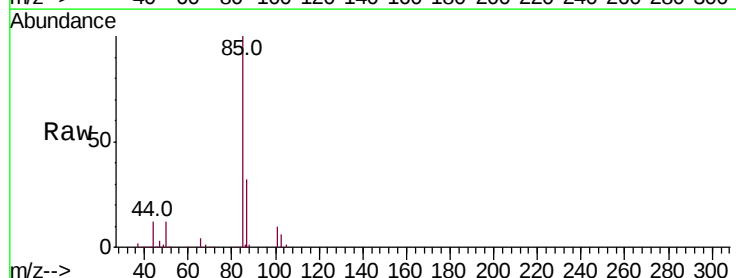
Acq: 28 Feb 2019 16:25

Tgt Ion: 85 Resp: 49647

Ion Ratio Lower Upper

85 100

87 32.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

20000

10000

0

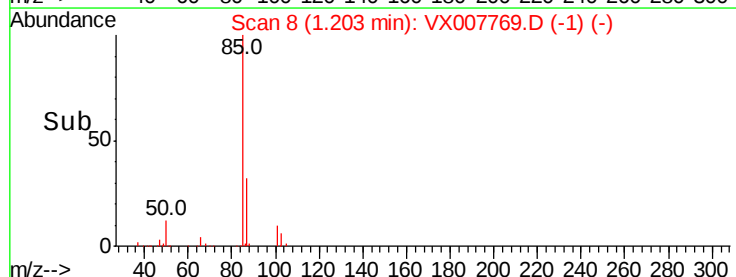
1.15

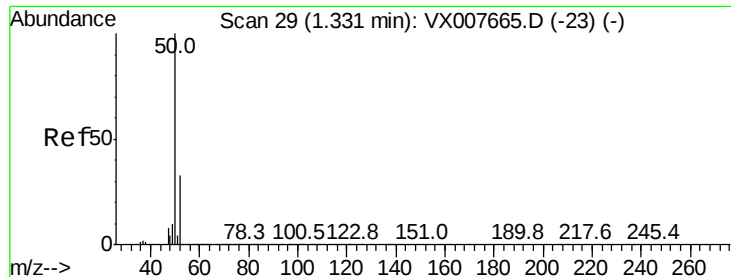
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 18.399 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

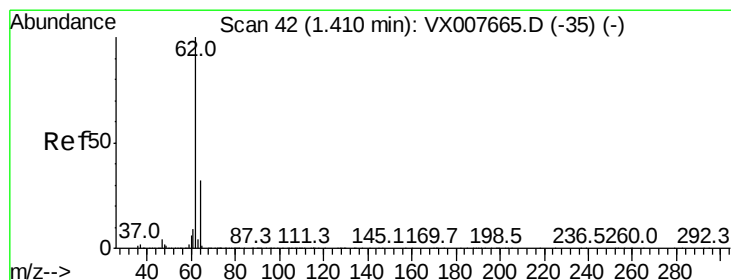
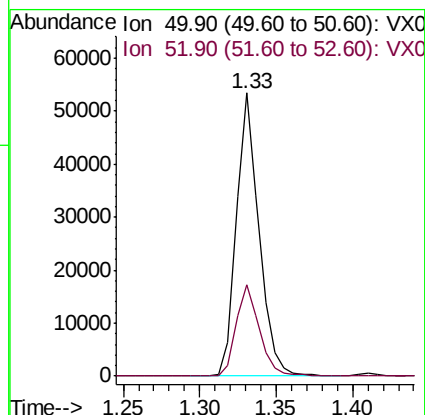
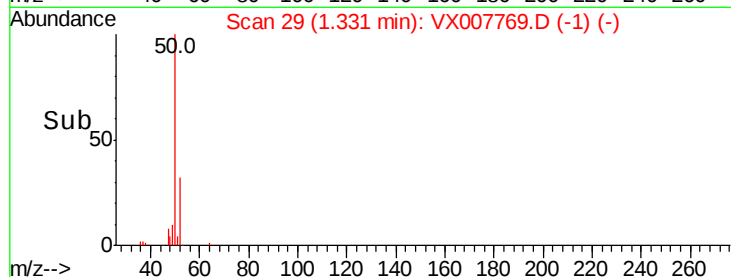
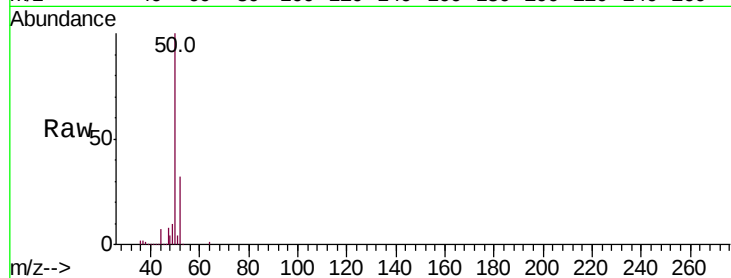
VX0228WBSD01

Tot Ion: 50 Resp: 54310

Ion Ratio Lower Upper

50 100

52 32.3 26.1 39.1



#4

Vinyl Chloride

Concen: 19.217 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007769.D

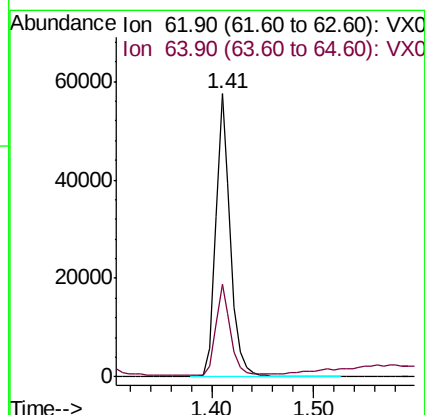
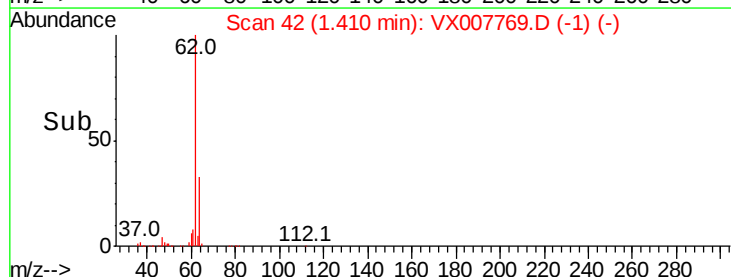
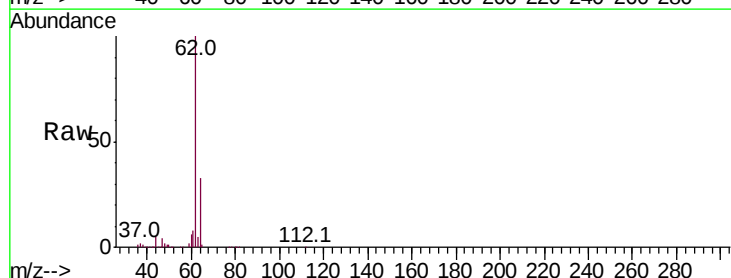
Acq: 28 Feb 2019 16:25

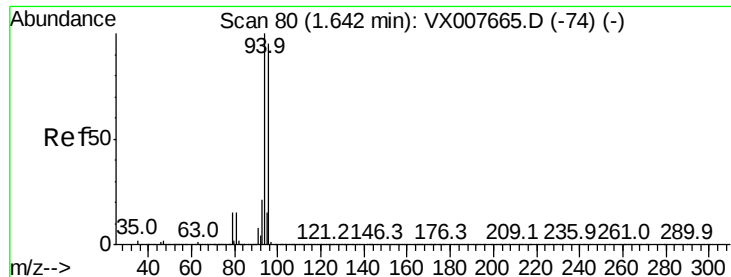
Tgt Ion: 62 Resp: 58198

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.0





#5

Bromomethane

Concen: 17.849 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

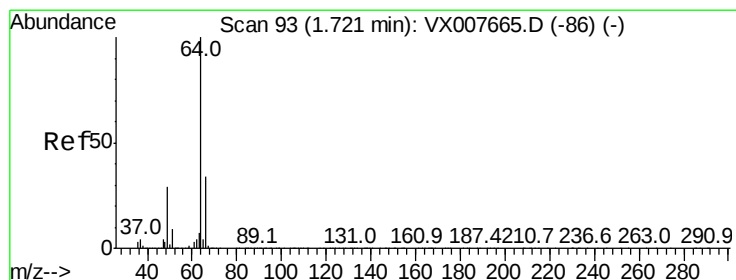
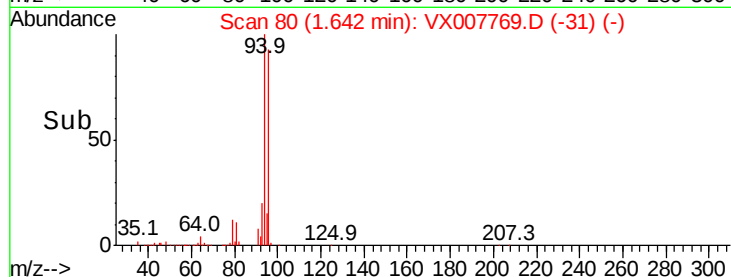
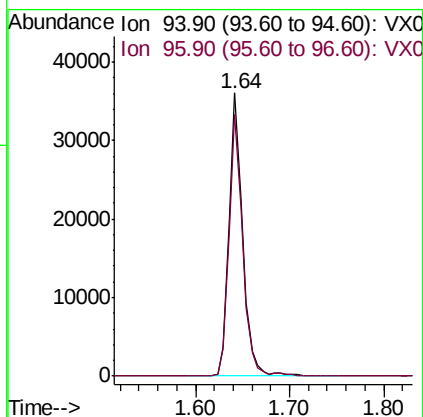
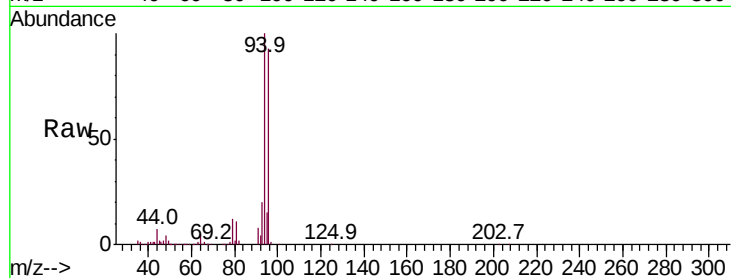
VX0228WBSD01

Tot Ion: 94 Resp: 35957

Ion Ratio Lower Upper

94 100

96 92.7 73.9 110.9



#6

Chloroethane

Concen: 19.313 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007769.D

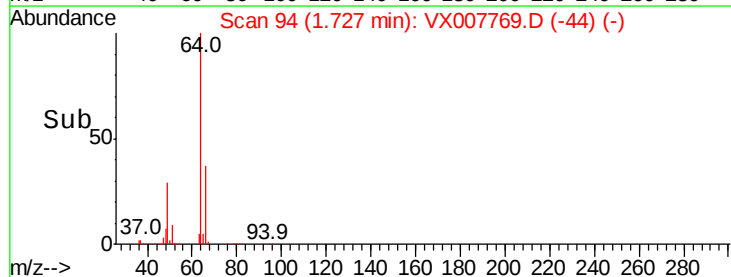
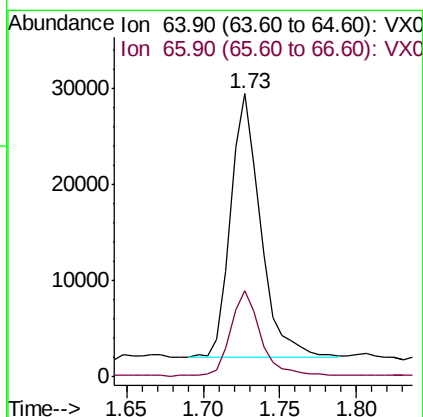
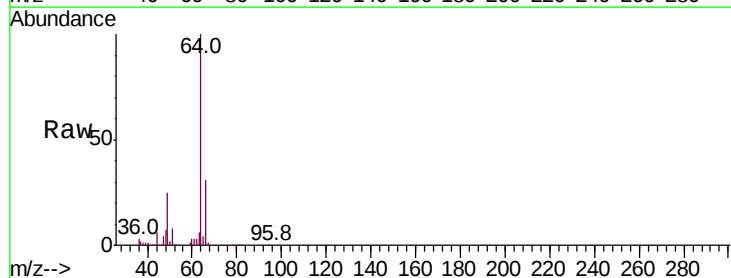
Acq: 28 Feb 2019 16:25

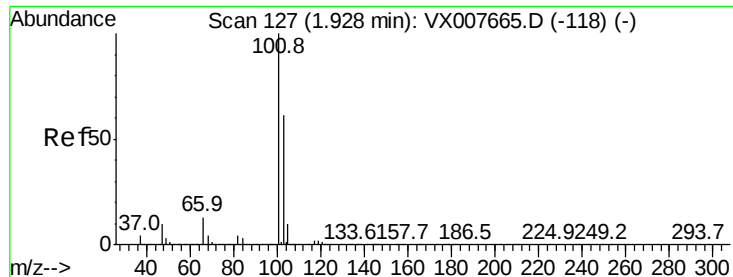
Tgt Ion: 64 Resp: 37367

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



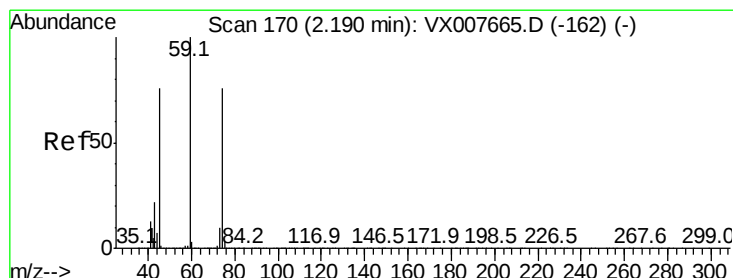
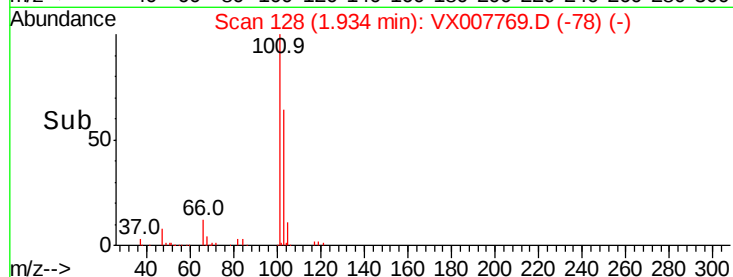
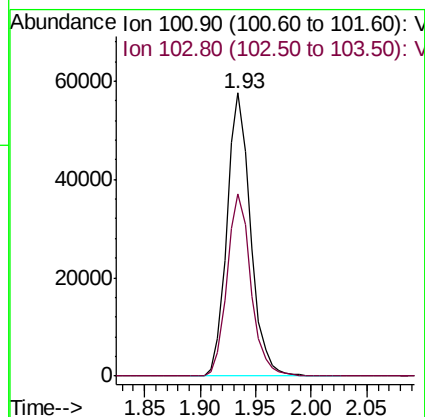
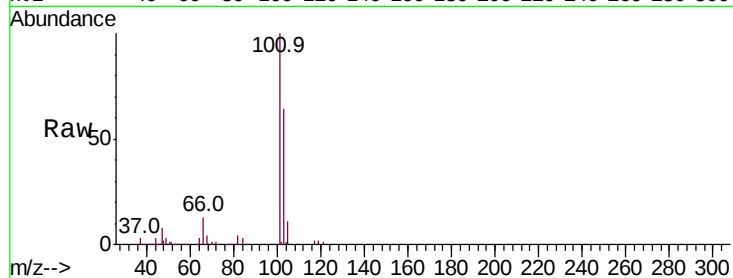


#7

Trichlorofluoromethane
Concen: 18.249 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

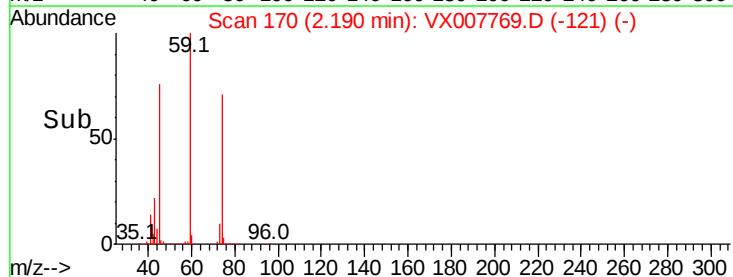
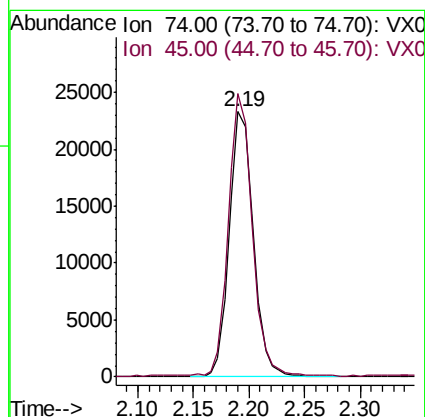
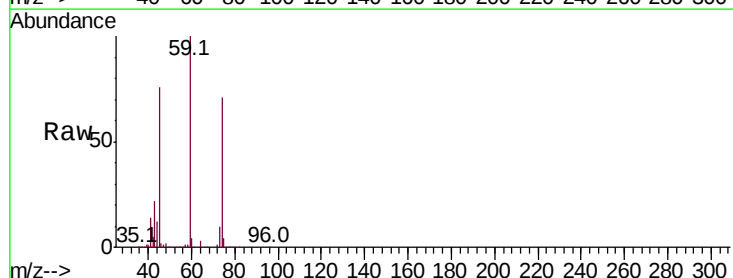
Tot Ion:101 Resp: 84722
Ion Ratio Lower Upper
101 100
103 64.5 52.6 79.0

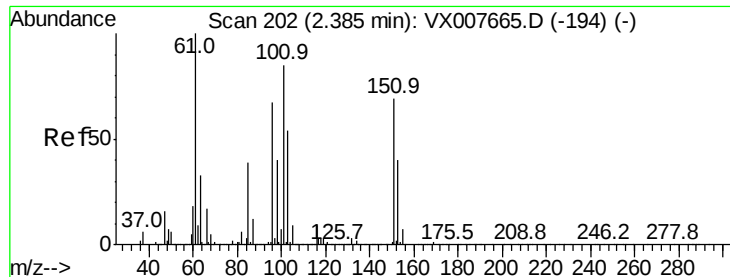


#8

Diethyl Ether
Concen: 18.393 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion: 74 Resp: 35045
Ion Ratio Lower Upper
74 100
45 104.5 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.220 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

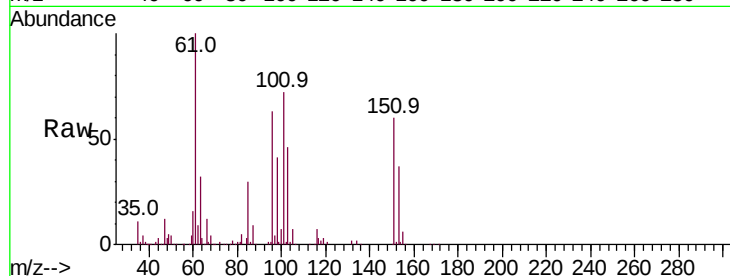
Tot Ion:101 Resp: 51127

Ion Ratio Lower Upper

101 100

85 43.6 34.1 51.1

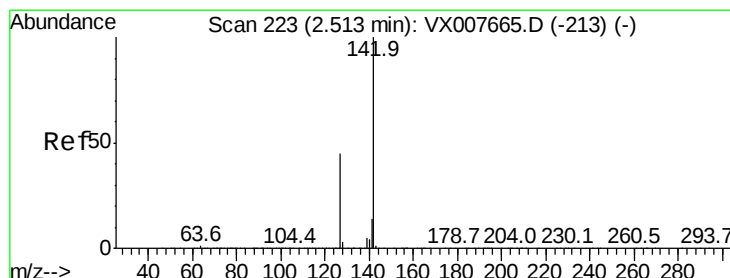
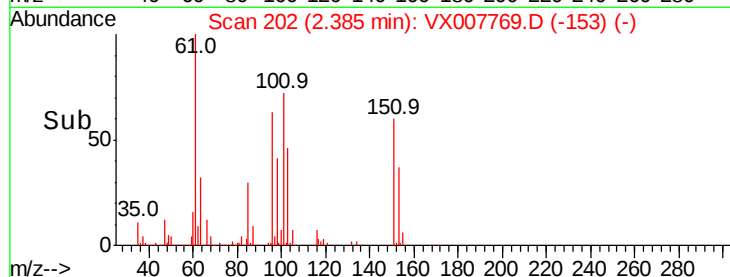
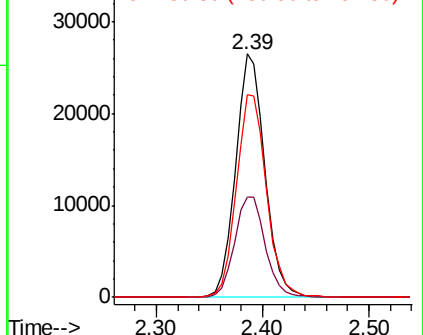
151 85.4 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.567 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

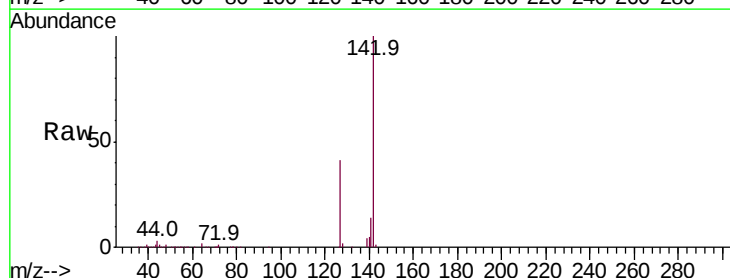
Tgt Ion:142 Resp: 68369

Ion Ratio Lower Upper

142 100

127 41.5 33.7 50.5

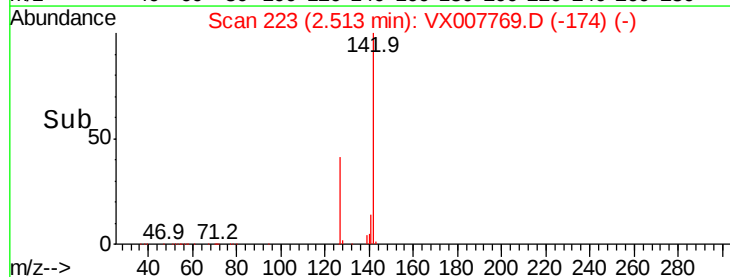
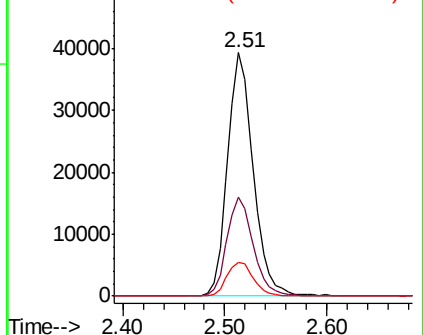
141 14.4 11.3 16.9

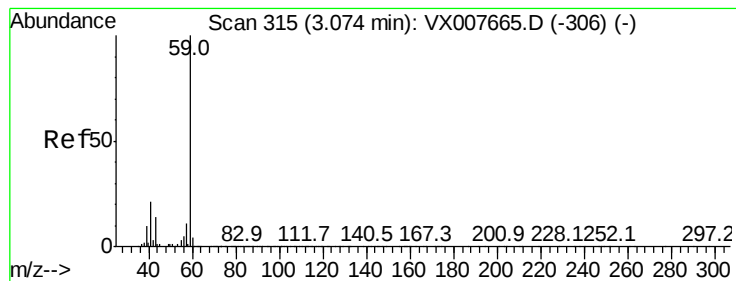


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



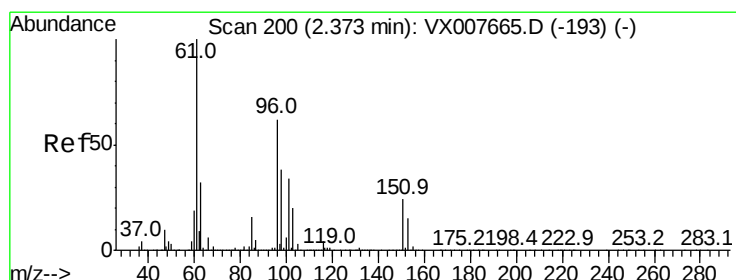
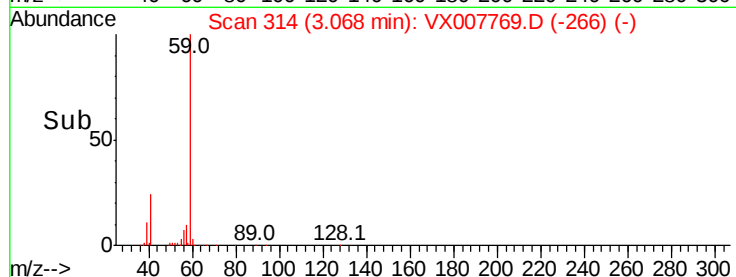
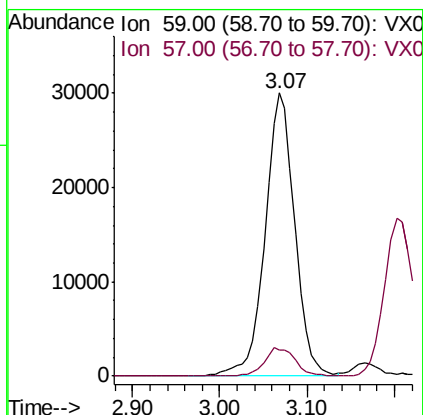
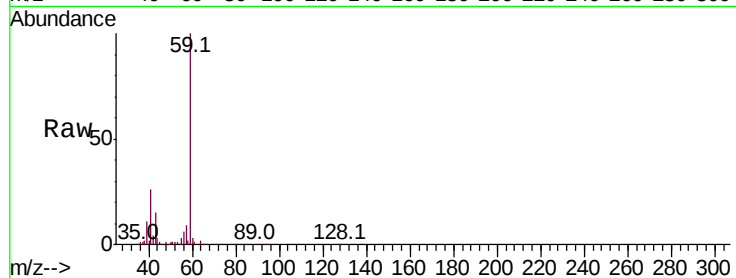


#11

Tert butyl alcohol
 Concen: 103.789 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

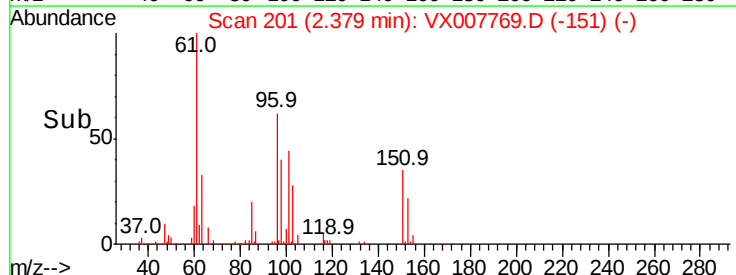
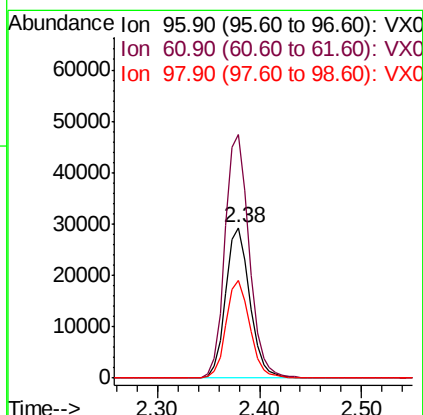
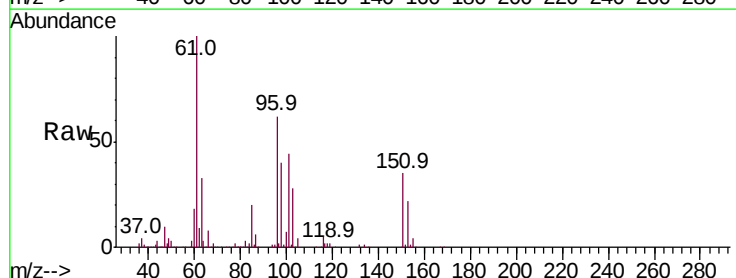
Tot Ion: 59 Resp: 70535
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.1 12.1

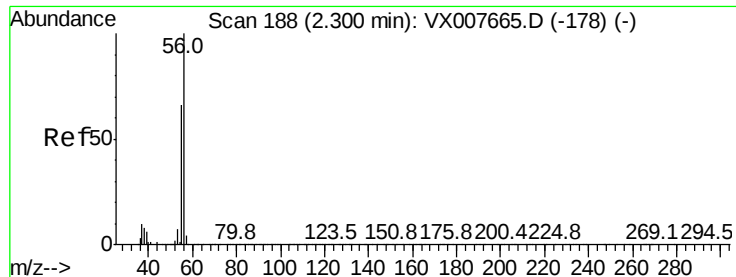


#12

1,1-Dichloroethene
 Concen: 19.015 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion: 96 Resp: 48096
 Ion Ratio Lower Upper
 96 100
 61 161.6 123.0 184.4
 98 65.0 50.9 76.3

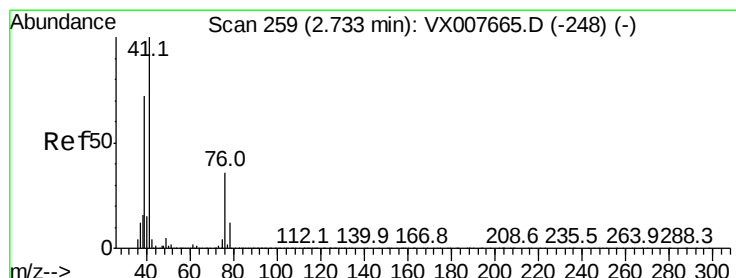
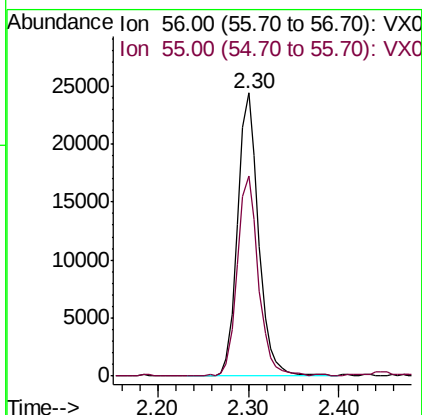
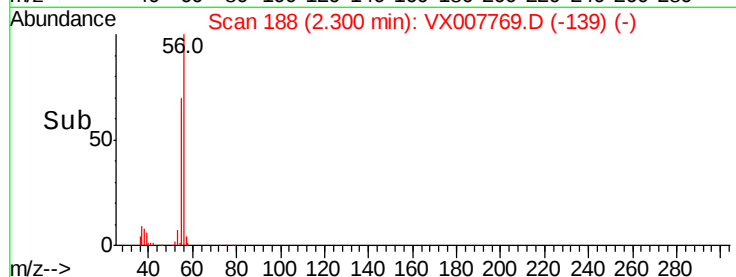
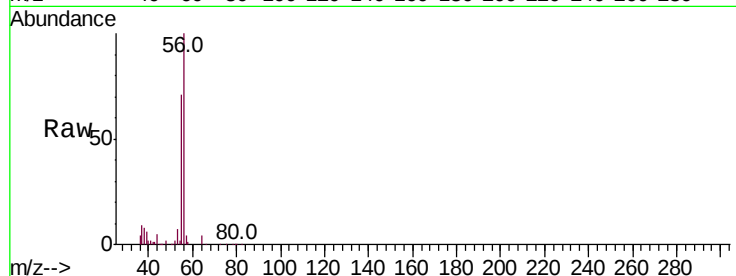




#13
Acrolein
Concen: 65.217 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

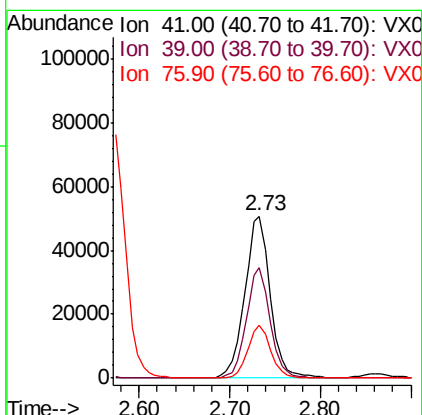
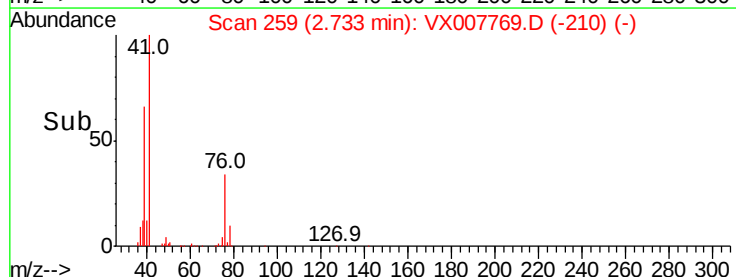
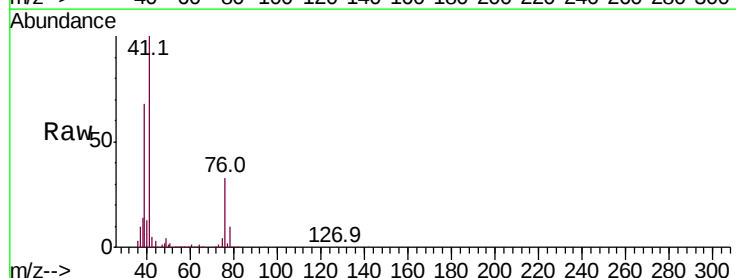
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

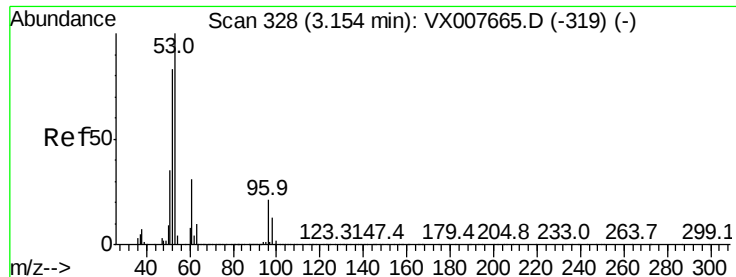
Tot Ion: 56 Resp: 39385
Ion Ratio Lower Upper
56 100
55 71.1 56.9 85.3



#14
Allyl chloride
Concen: 20.949 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion: 41 Resp: 97977
Ion Ratio Lower Upper
41 100
39 63.5 54.1 81.1
76 29.7 27.8 41.8





#15

Acrylonitrile

Concen: 103.367 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

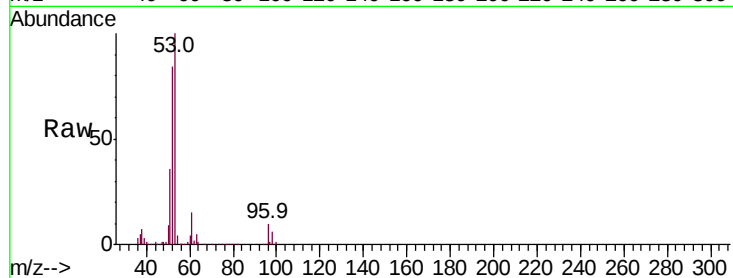
Tot Ion: 53 Resp: 165316

Ion Ratio Lower Upper

53 100

52 83.9 66.4 99.6

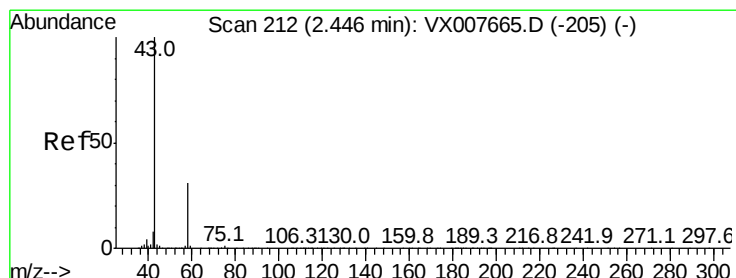
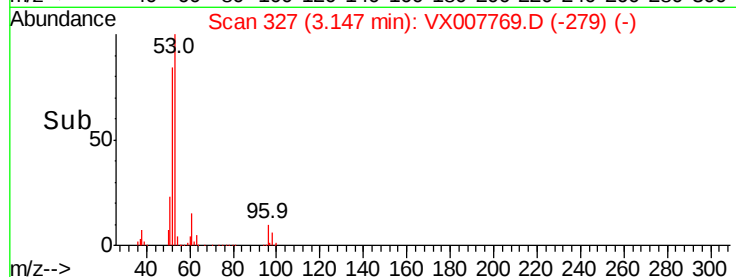
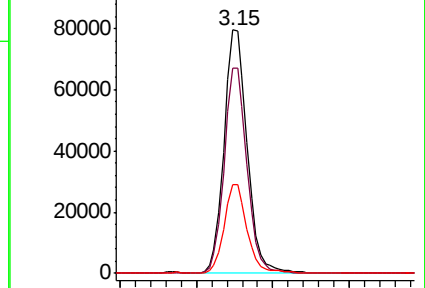
51 36.2 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 104.238 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007769.D

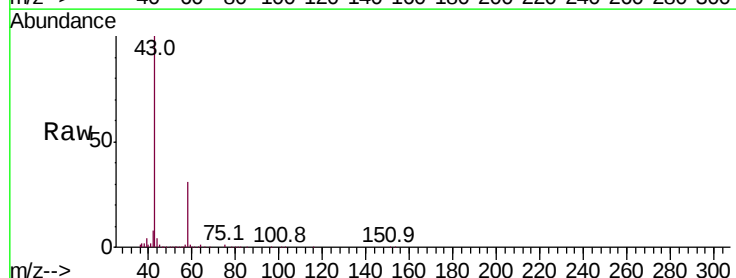
Acq: 28 Feb 2019 16:25

Tgt Ion: 43 Resp: 166035

Ion Ratio Lower Upper

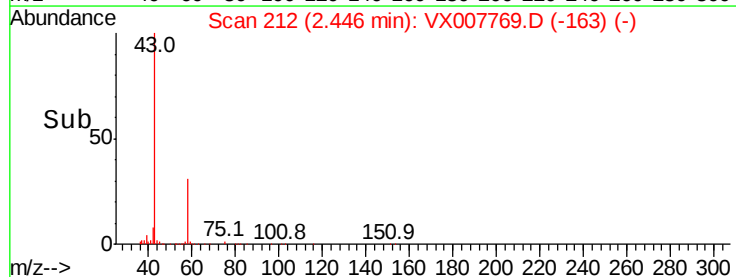
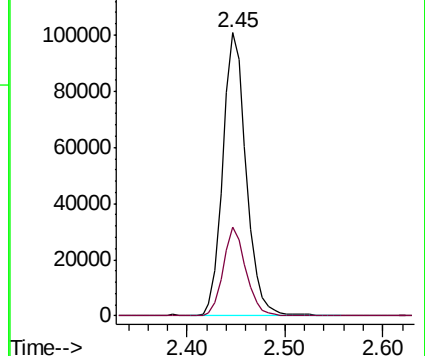
43 100

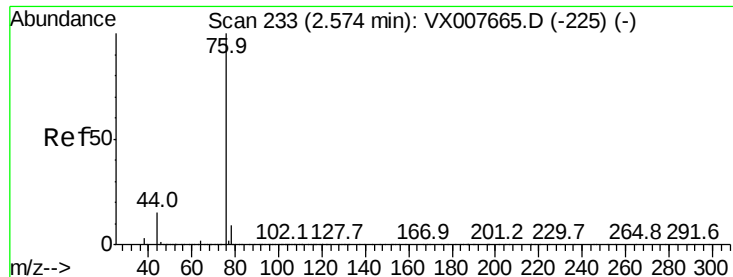
58 31.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.123 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

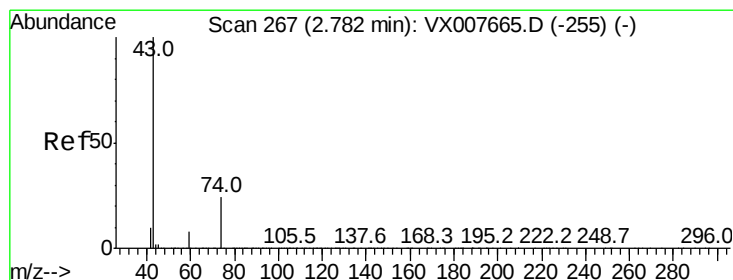
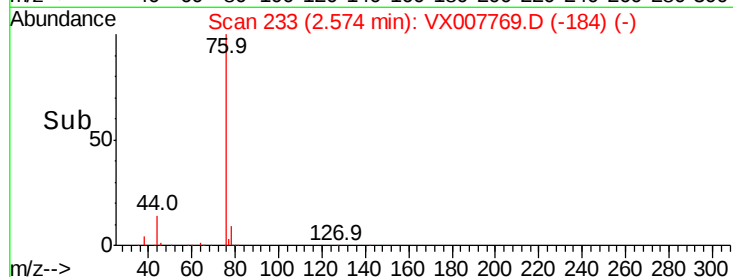
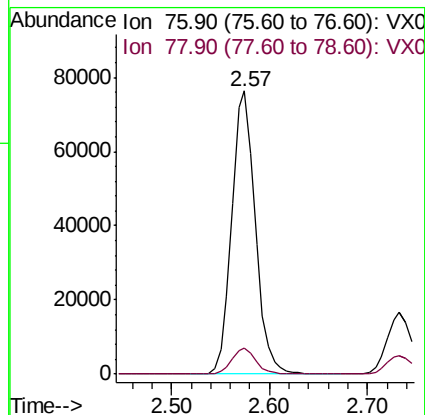
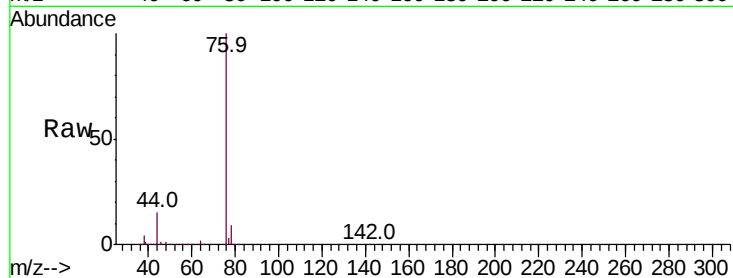
VX0228WBSD01

Tot Ion: 76 Resp: 127530

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



#18

Methyl Acetate

Concen: 22.480 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007769.D

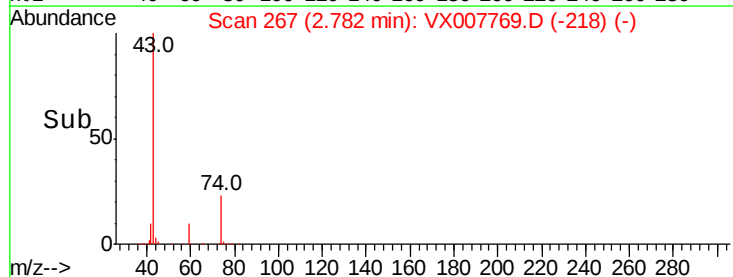
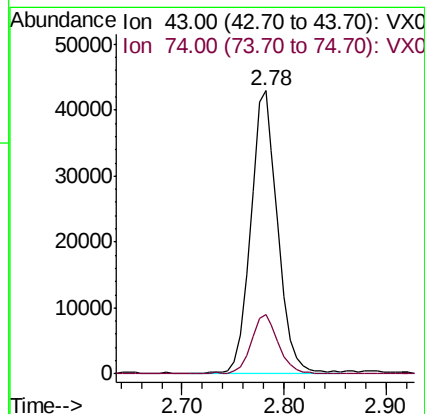
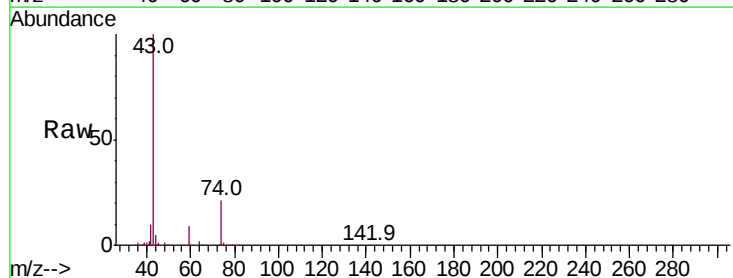
Acq: 28 Feb 2019 16:25

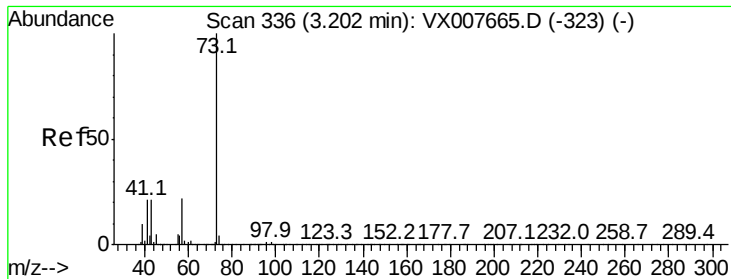
Tgt Ion: 43 Resp: 78134

Ion Ratio Lower Upper

43 100

74 21.5 19.4 29.2



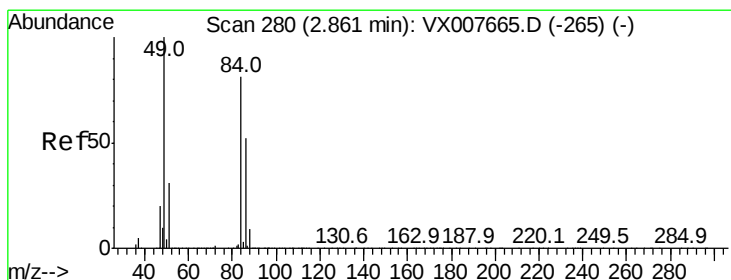
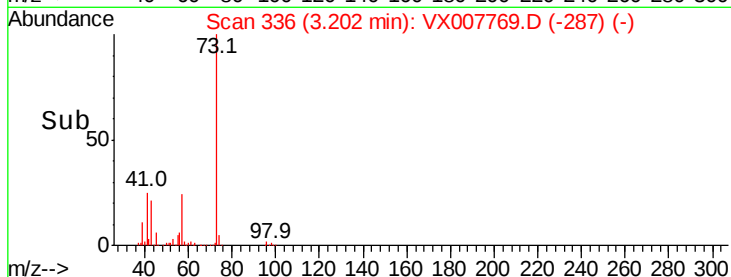
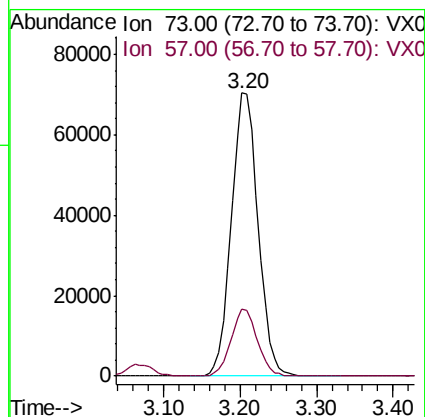
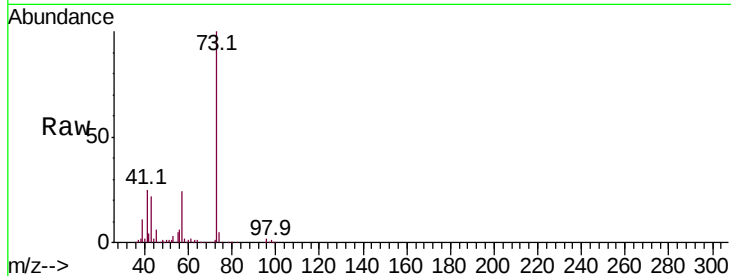


#19

Methyl tert-butyl Ether
 Concen: 19.295 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

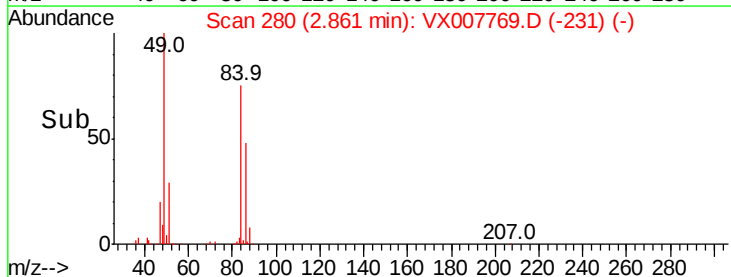
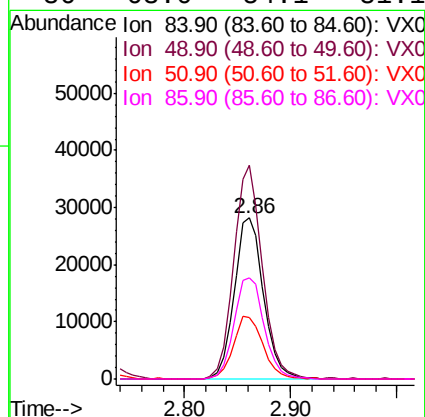
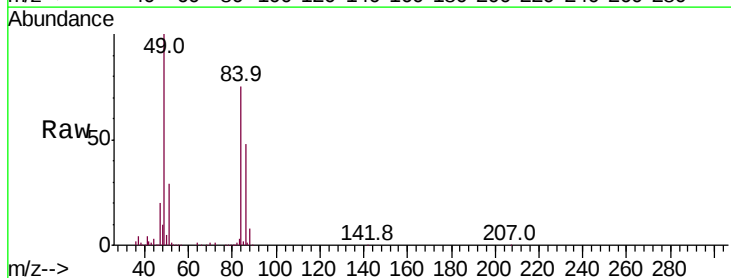
Tot Ion: 73 Resp: 169953
 Ion Ratio Lower Upper
 73 100
 57 23.8 17.8 26.8

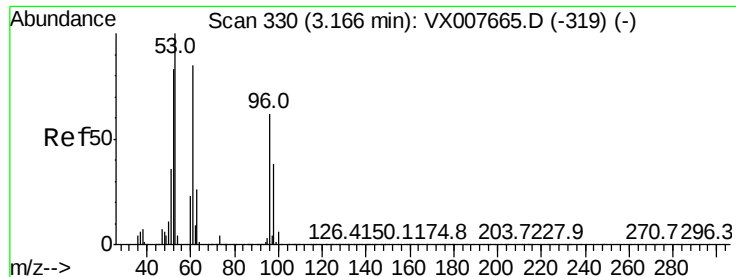


#20

Methylene Chloride
 Concen: 18.492 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion: 84 Resp: 54390
 Ion Ratio Lower Upper
 84 100
 49 132.5 94.8 142.2
 51 38.3 29.8 44.8
 86 63.0 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.348 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

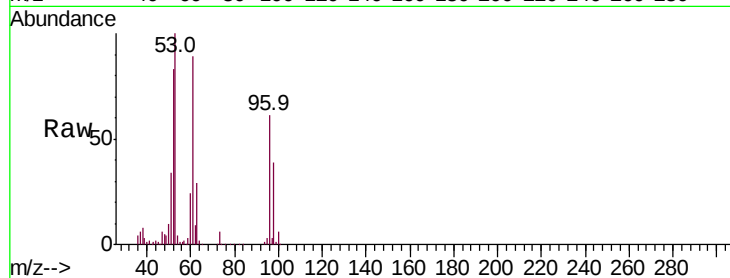
Tot Ion: 96 Resp: 50452

Ion Ratio Lower Upper

96 100

61 146.9 104.6 156.8

98 65.0 51.0 76.4

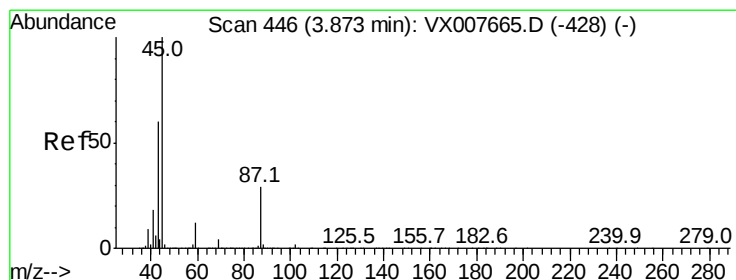
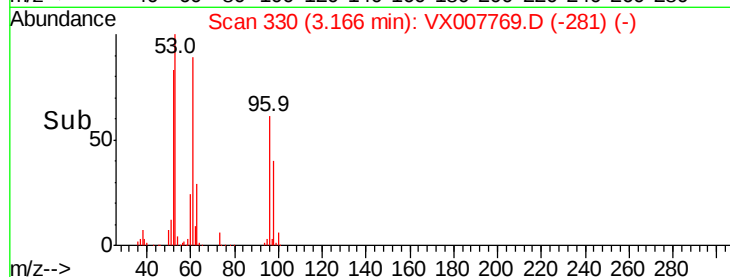
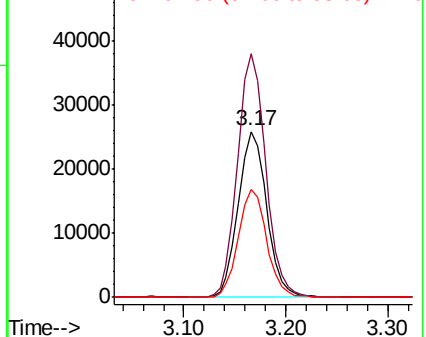


Abundance

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: 20.501 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion: 45 Resp: 199598

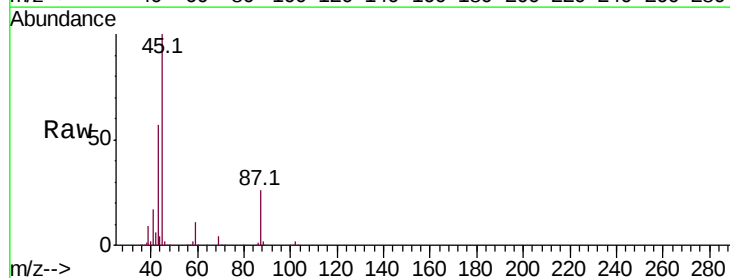
Ion Ratio Lower Upper

45 100

43 57.2 48.9 73.3

87 26.2 23.9 35.9

59 11.3 9.6 14.4



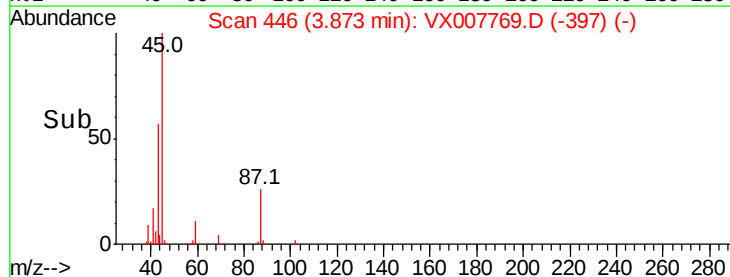
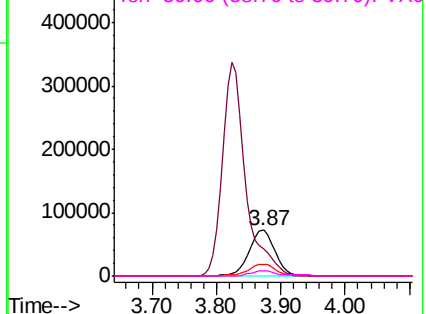
Abundance

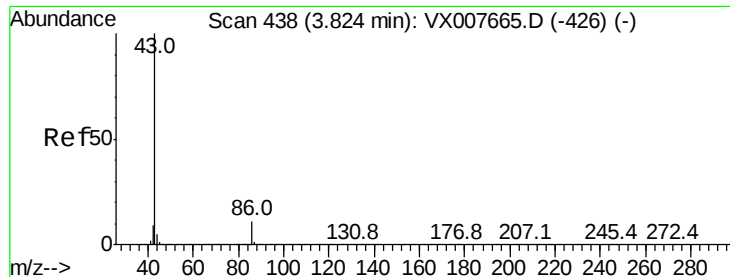
Ion 45.00 (44.70 to 45.70): VX0

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: 100.496 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

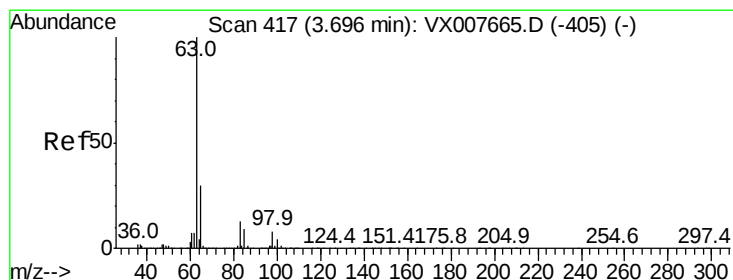
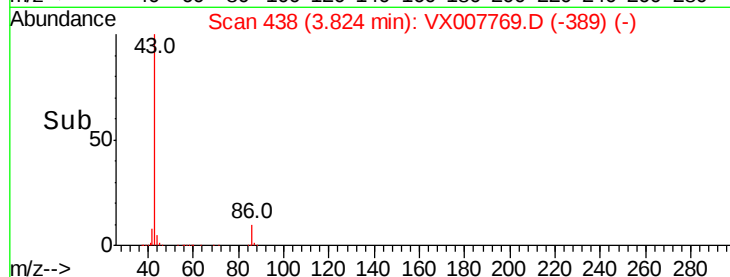
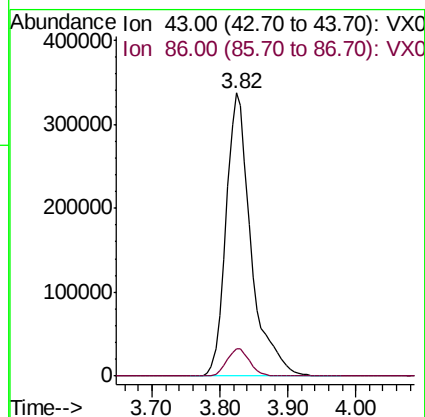
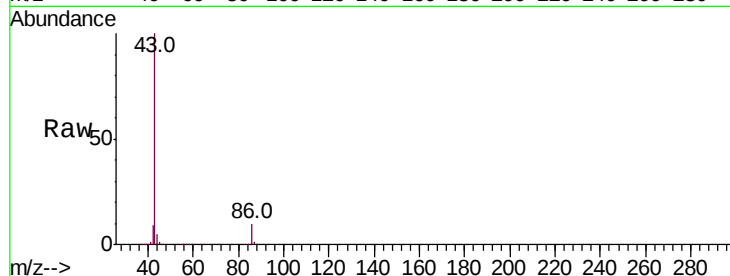
VX0228WBSD01

Tot Ion: 43 Resp: 858426

Ion Ratio Lower Upper

43 100

86 9.8 8.7 13.1



#24

1,1-Dichloroethane

Concen: 19.844 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

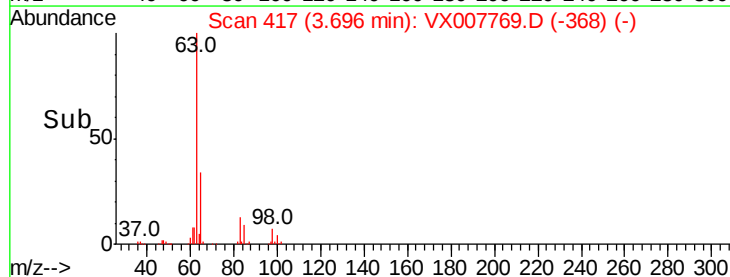
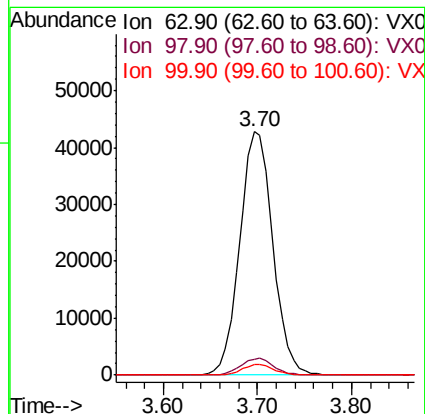
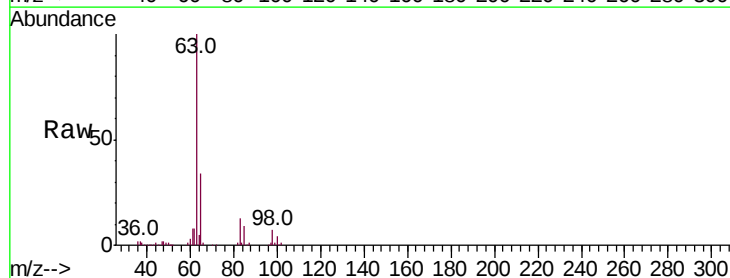
Tgt Ion: 63 Resp: 105001

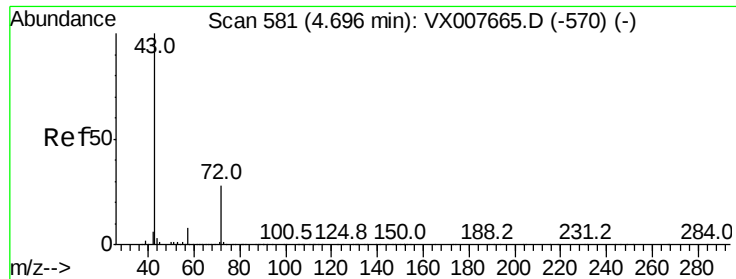
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 106.709 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

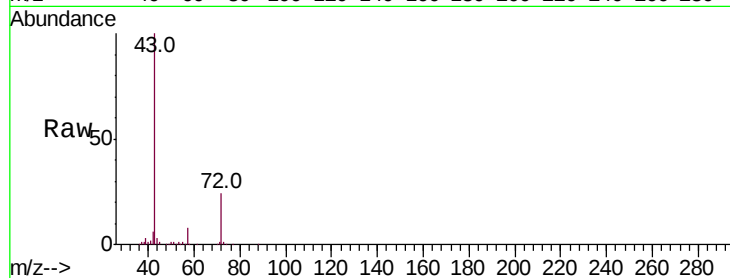
VX0228WBSD01

Tot Ion: 43 Resp: 258912

Ion Ratio Lower Upper

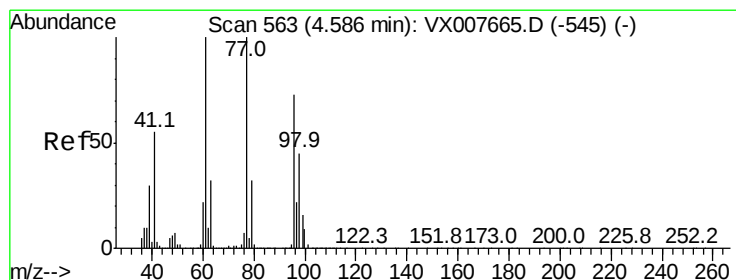
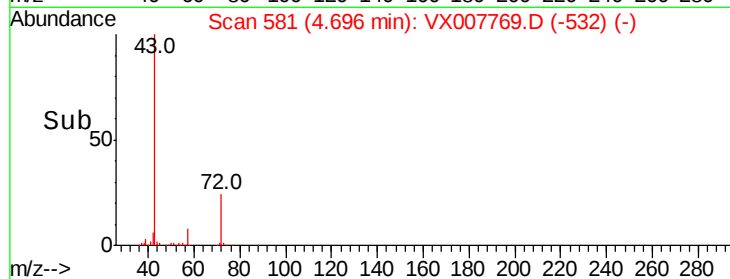
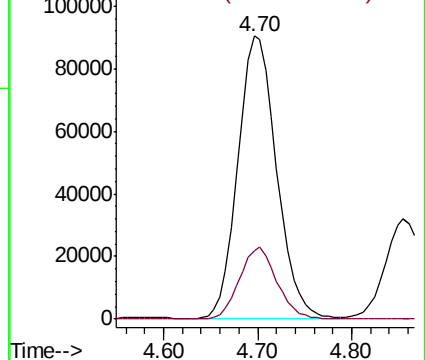
43 100

72 24.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.627 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007769.D

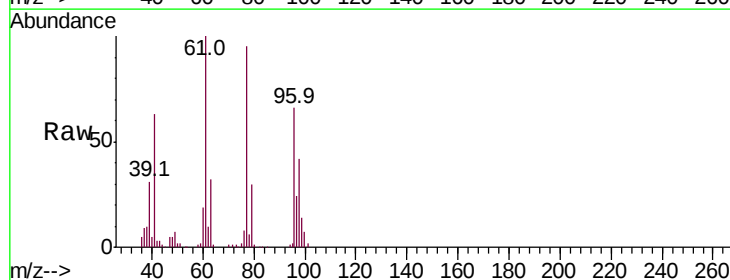
Acq: 28 Feb 2019 16:25

Tgt Ion: 77 Resp: 78676

Ion Ratio Lower Upper

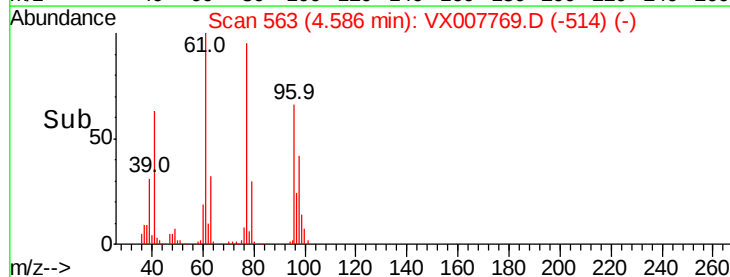
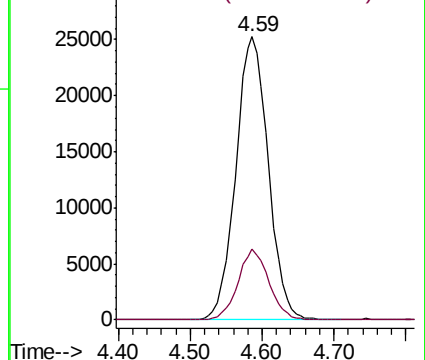
77 100

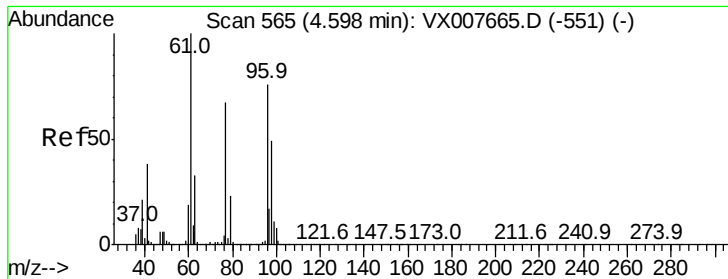
97 23.9 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



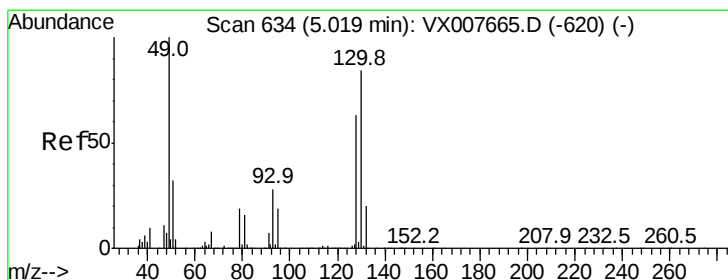
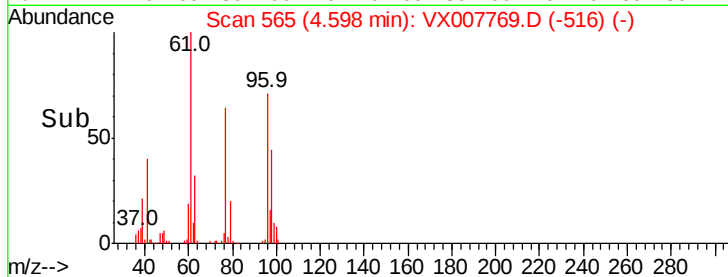
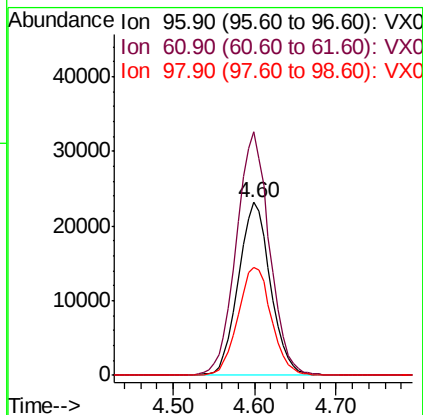
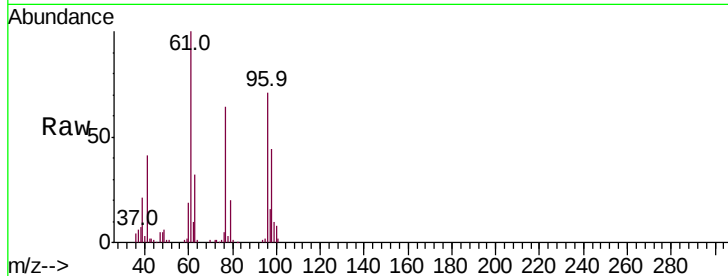


#27

cis-1,2-Dichloroethene
 Concen: 18.077 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

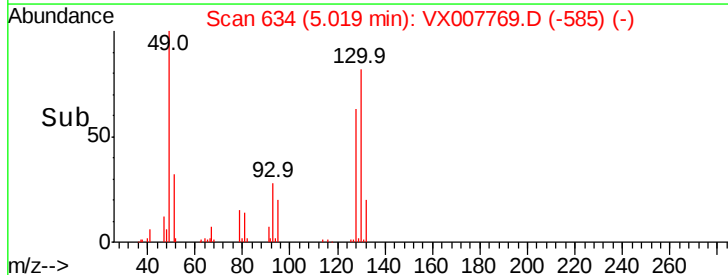
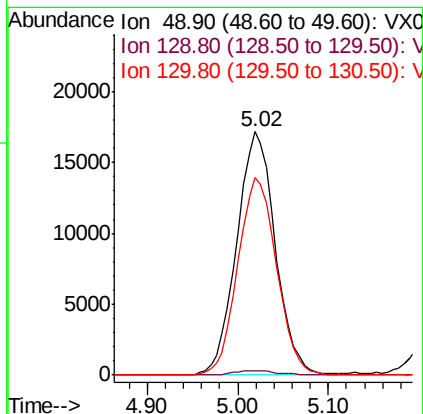
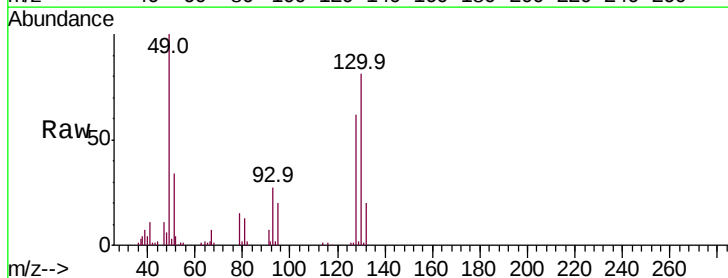
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.6	0.0	265.6
98	65.2	0.0	131.6

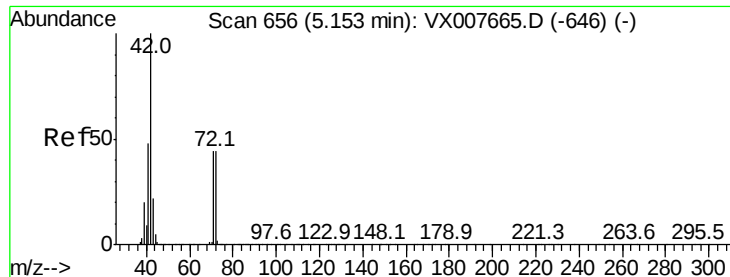


#28

Bromochloromethane
 Concen: 19.717 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.6
130	81.2	75.6	113.4





#29

Tetrahydrofuran

Concen: 100.647 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

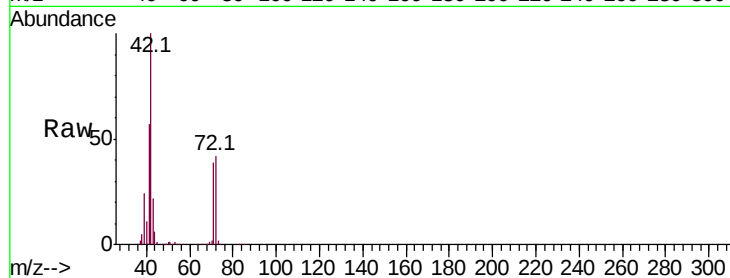
Tot Ion: 42 Resp: 160972

Ion Ratio Lower Upper

42 100

72 42.5 37.6 56.4

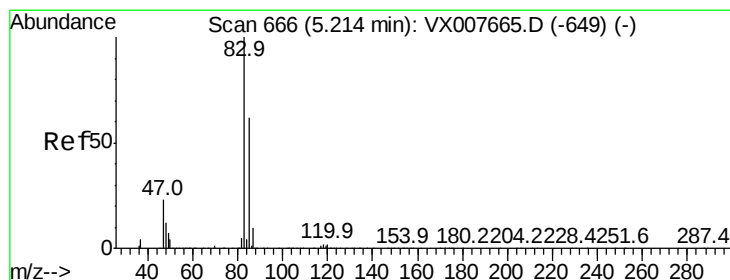
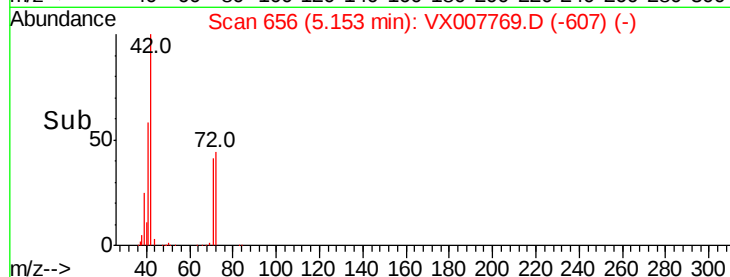
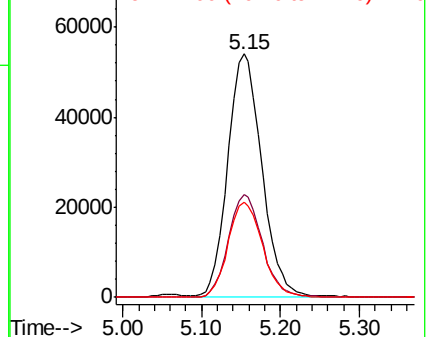
71 39.9 34.6 51.8



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: 18.598 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX007769.D

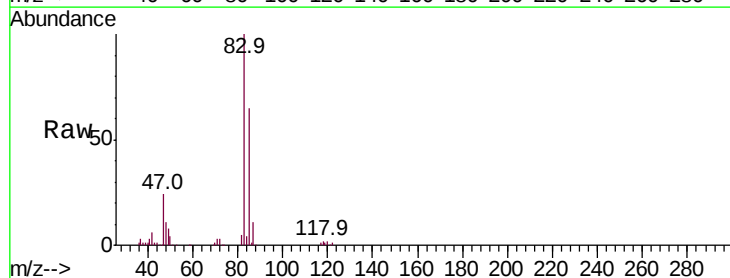
Acq: 28 Feb 2019 16:25

Tgt Ion: 83 Resp: 105410

Ion Ratio Lower Upper

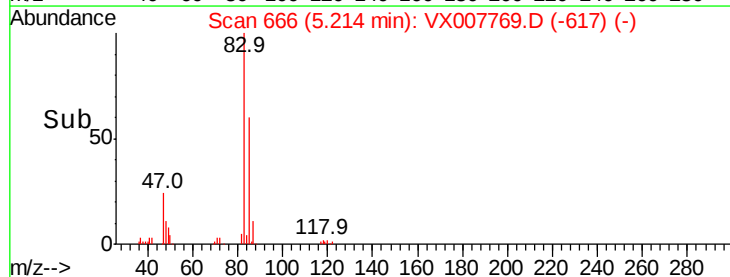
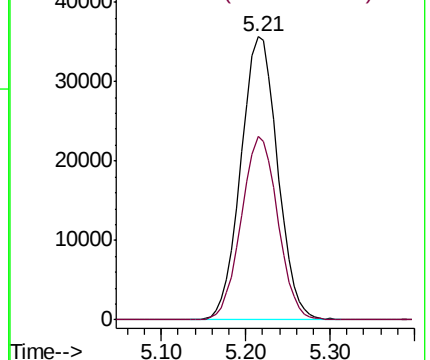
83 100

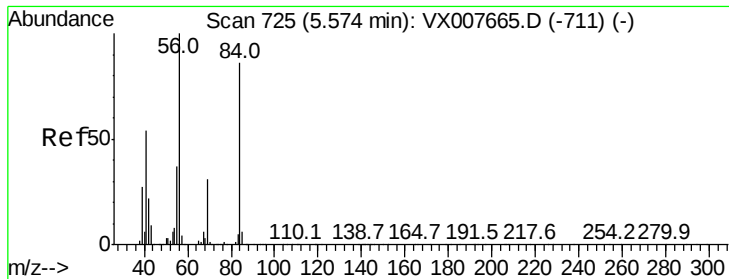
85 64.8 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

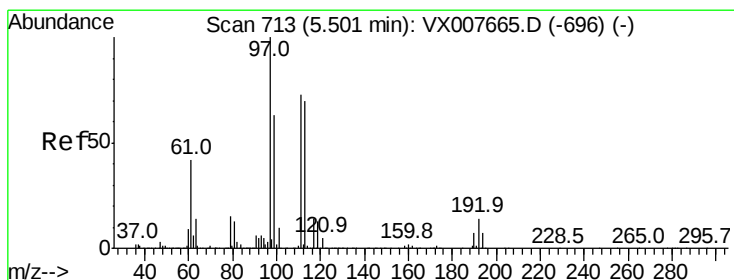
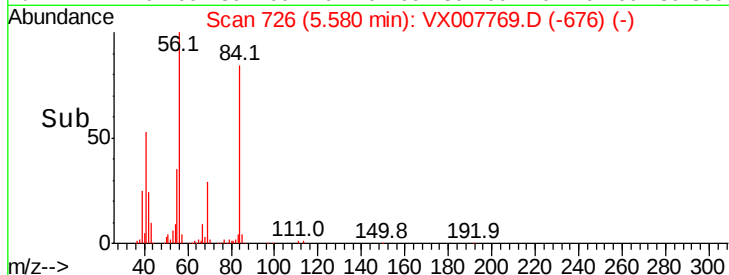
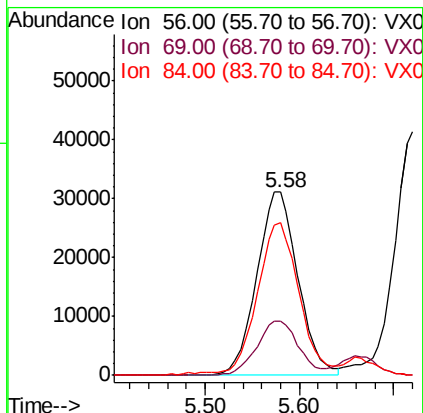
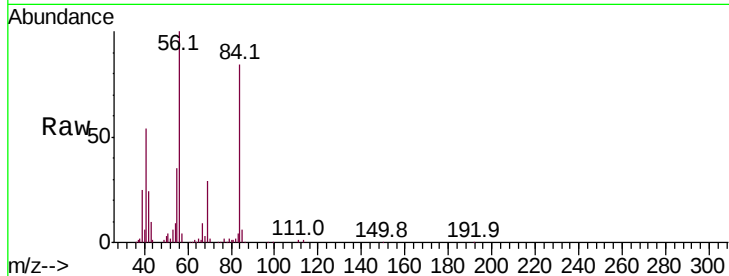




#31
Cvclohexane
Concen: 19.131 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

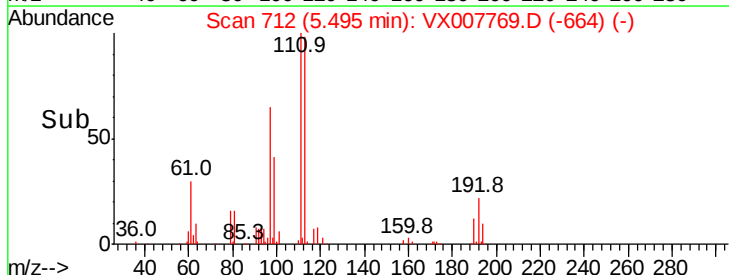
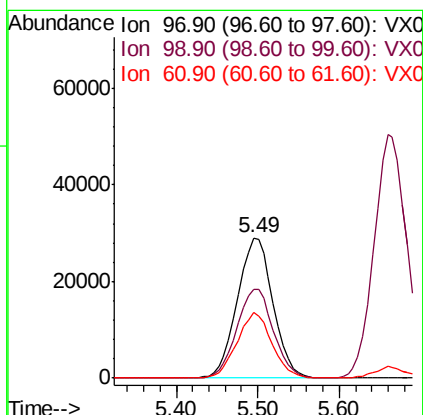
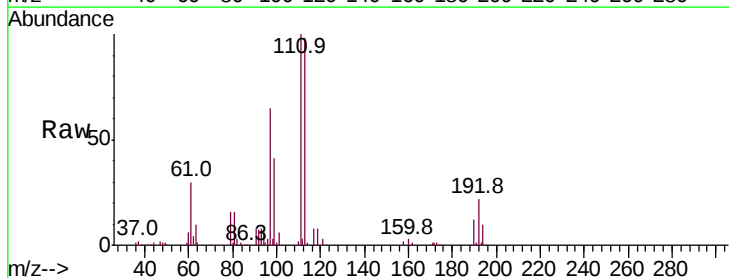
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

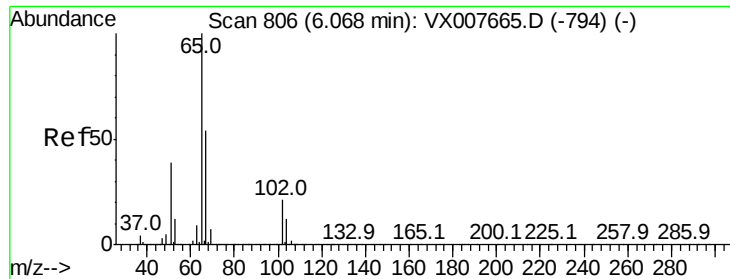
Tot Ion: 56 Resp: 95217
Ion Ratio Lower Upper
56 100
69 29.4 23.0 34.6
84 82.2 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 18.822 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion: 97 Resp: 88227
Ion Ratio Lower Upper
97 100
99 64.9 52.2 78.2
61 45.7 32.7 49.1

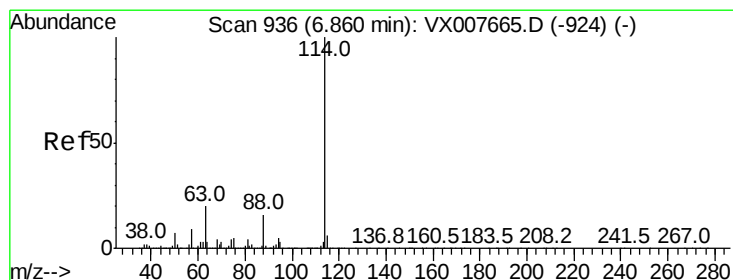
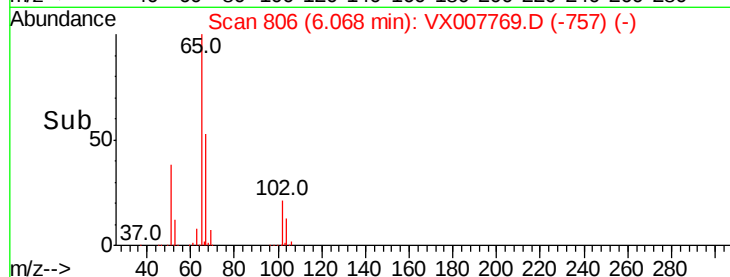
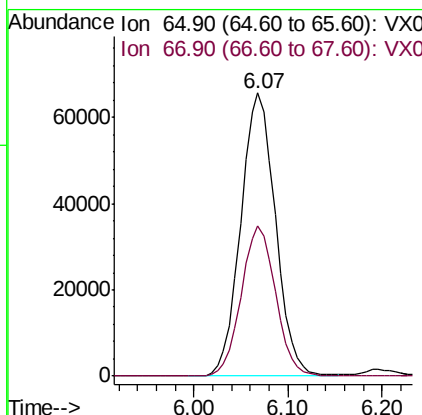
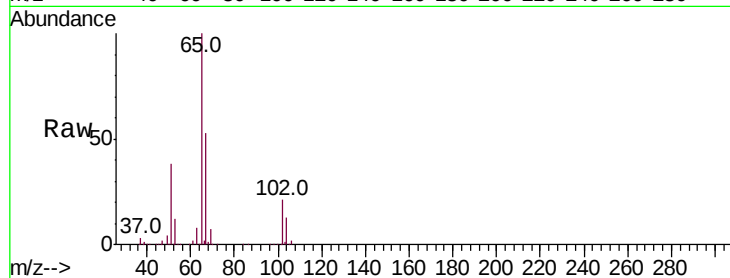




#33
 1,2-Dichloroethane-d4
 Concen: 46.982 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

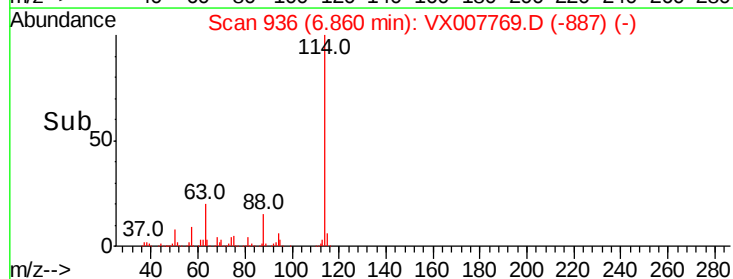
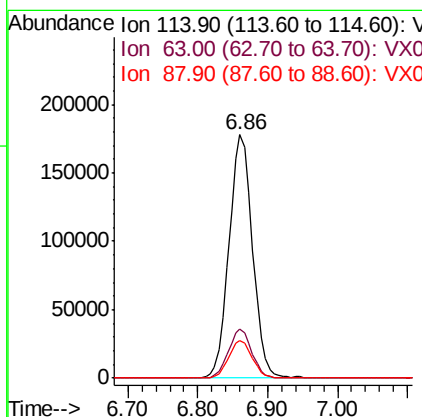
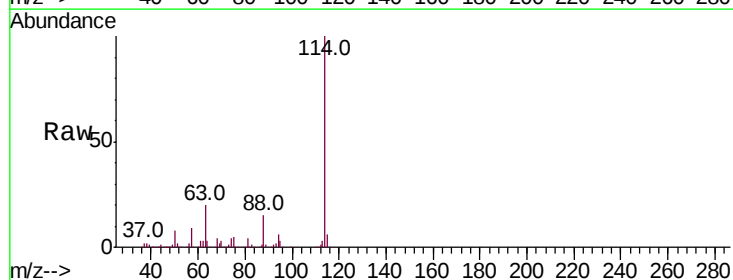
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

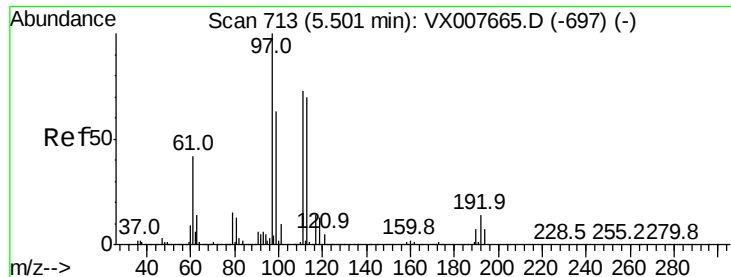
Tot Ion: 65 Resp: 168282
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion: 114 Resp: 416182
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 35.6
 88 15.3 0.0 29.6

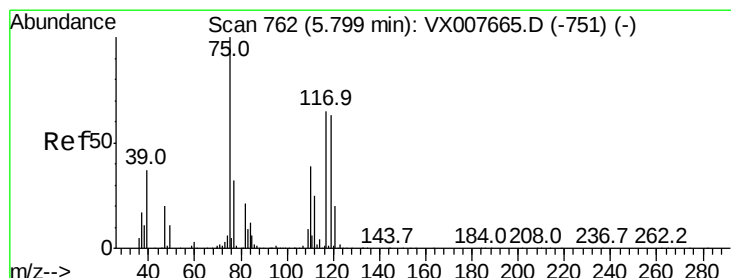
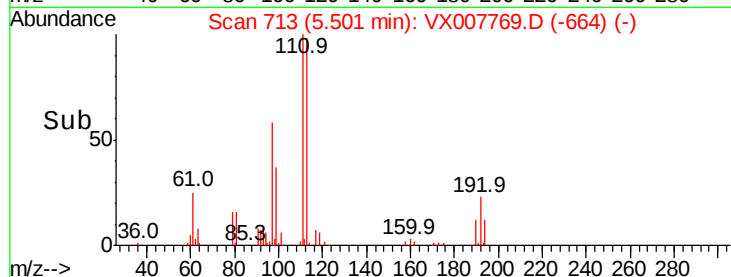
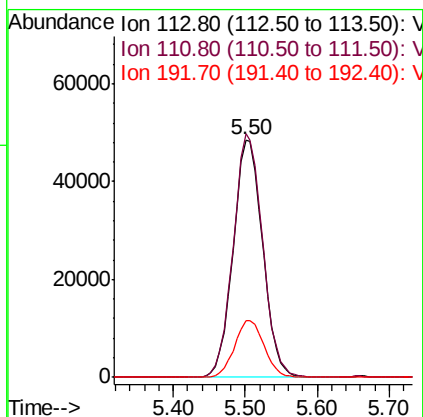
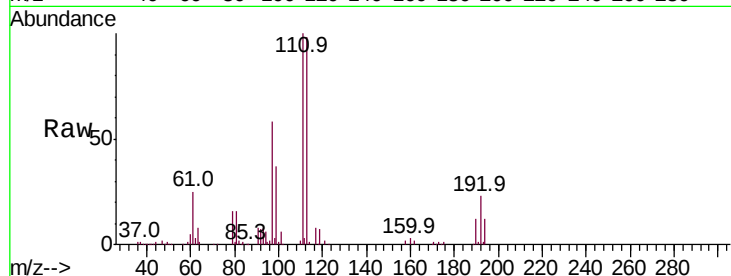




#35
 Dibromofluoromethane
 Concen: 49.690 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

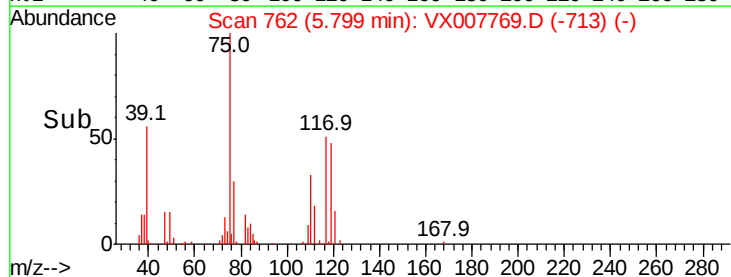
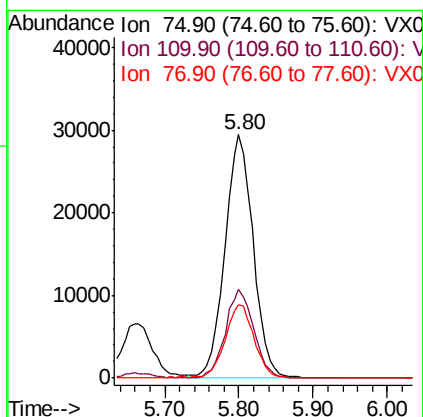
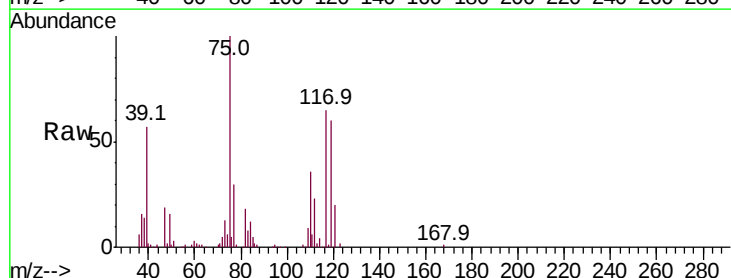
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

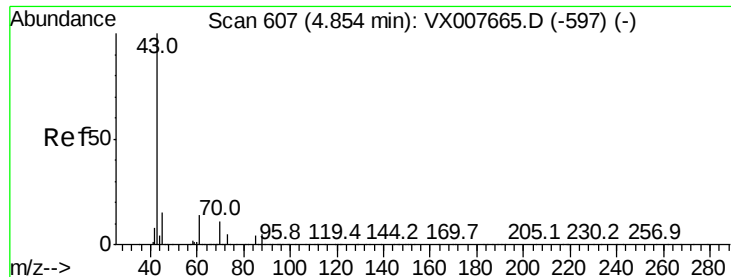
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.8
192	24.0	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 20.891 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	20.0	59.9
77	31.0	24.7	37.1

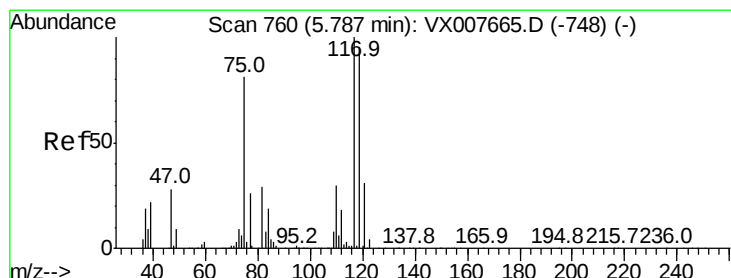
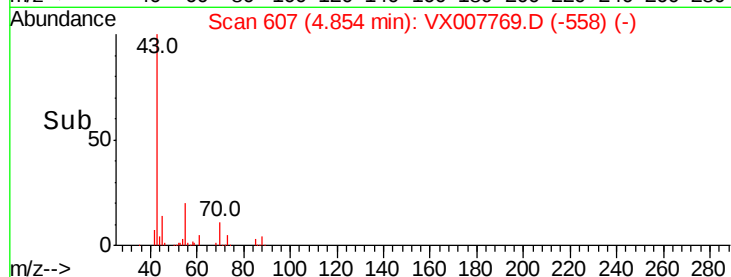
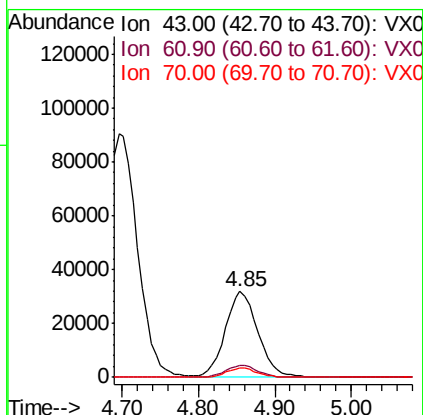
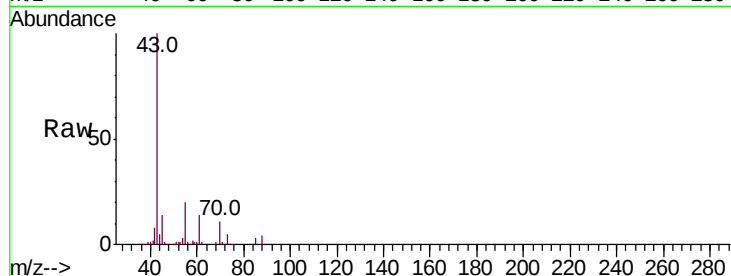




#37
Ethyl Acetate
Concen: 22.373 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

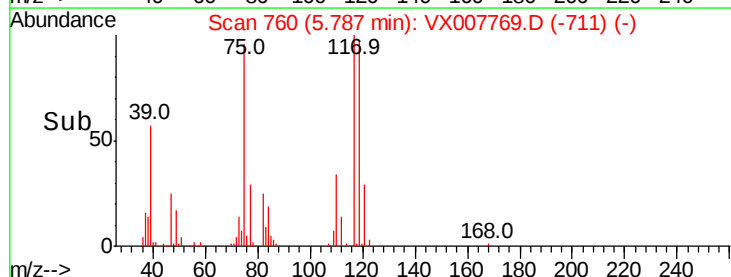
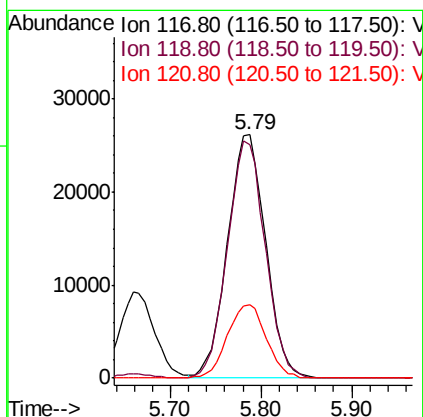
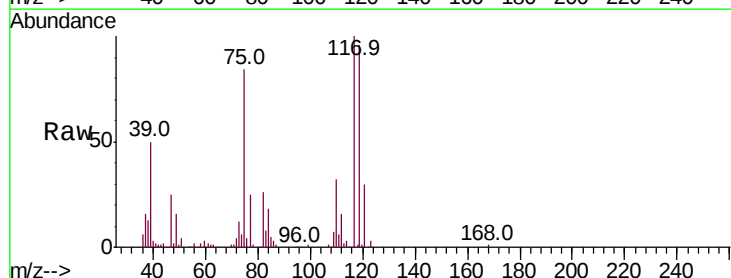
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

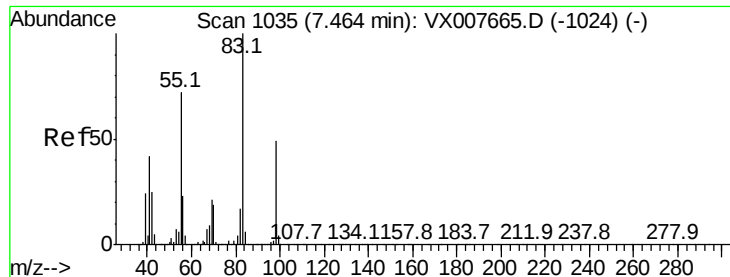
Tot Ion: 43 Resp: 92991
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.6 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.335 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion: 117 Resp: 76429
Ion Ratio Lower Upper
117 100
119 96.0 75.3 112.9
121 30.0 25.0 37.4

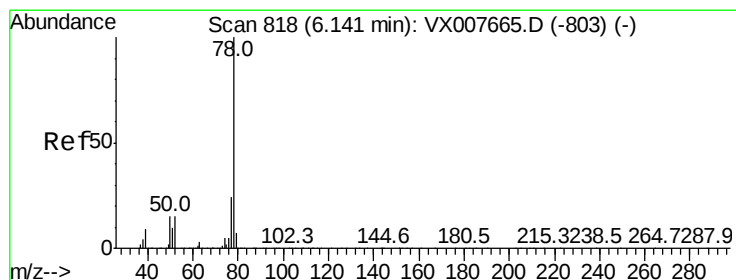
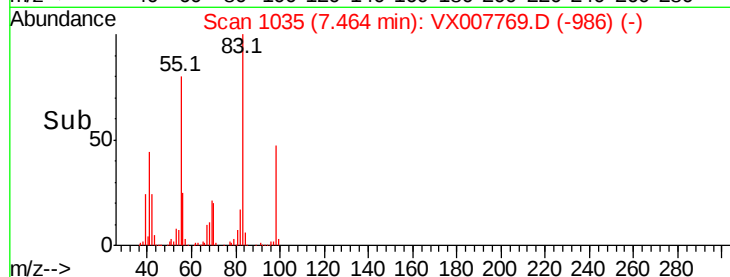
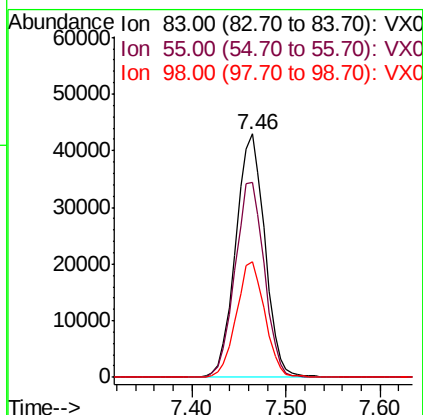
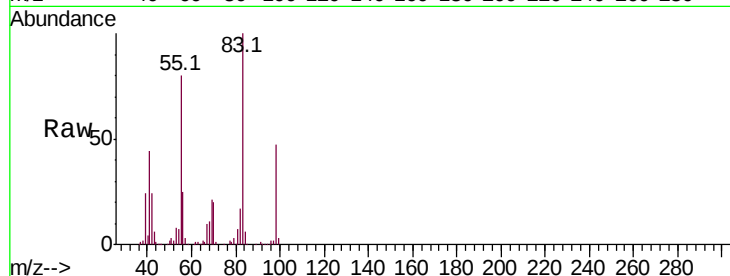




#39
Methvlcvclohexane
Concen: 19.533 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

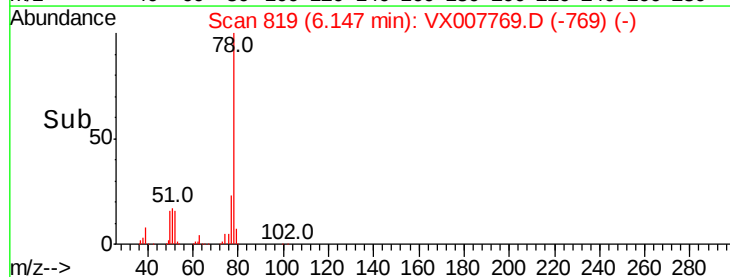
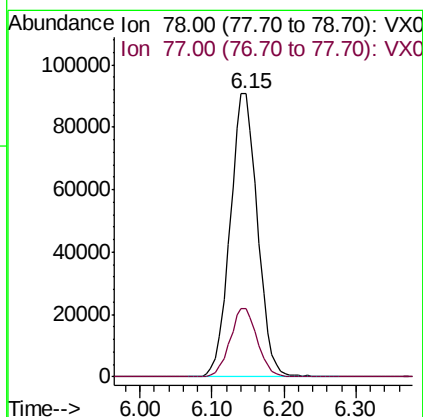
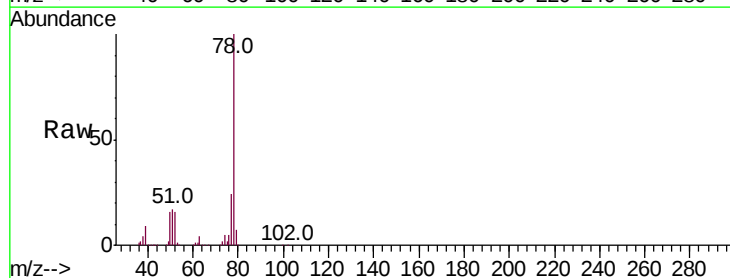
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

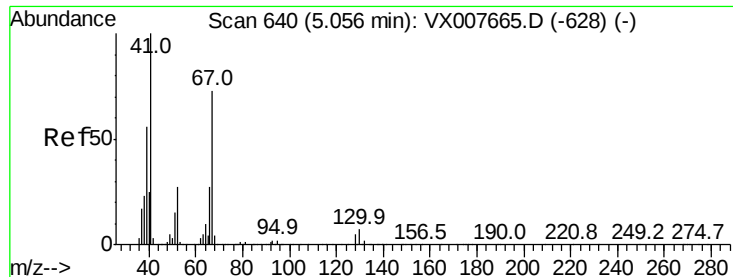
Tot Ion: 83 Resp: 92369
Ion Ratio Lower Upper
83 100
55 80.1 56.2 84.2
98 47.4 36.8 55.2



#40
Benzene
Concen: 20.741 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion: 78 Resp: 239560
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9

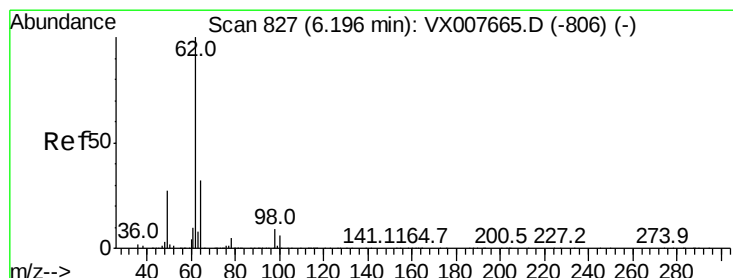
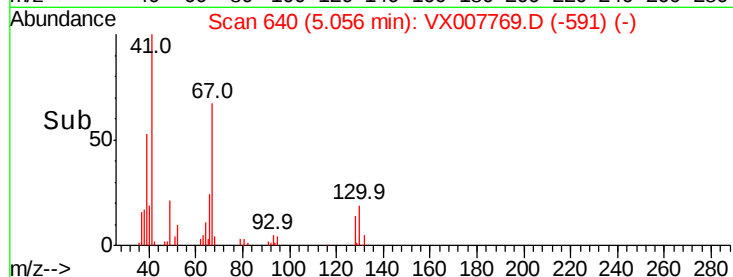
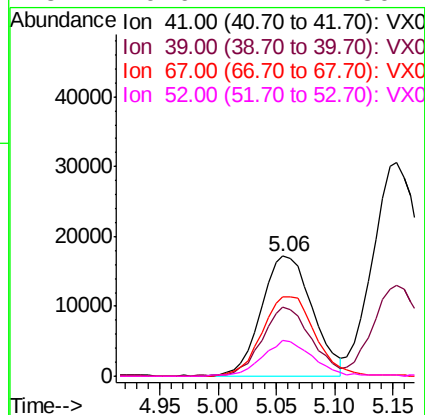
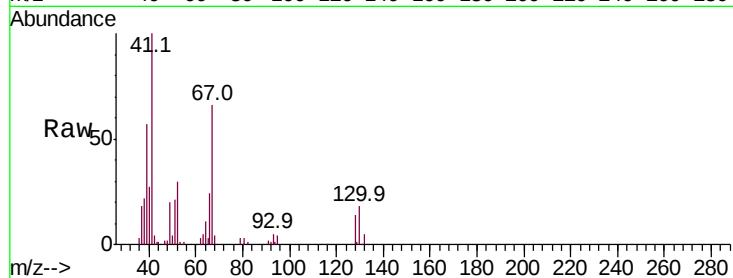




#41
Methacrylonitrile
Concen: 23.467 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

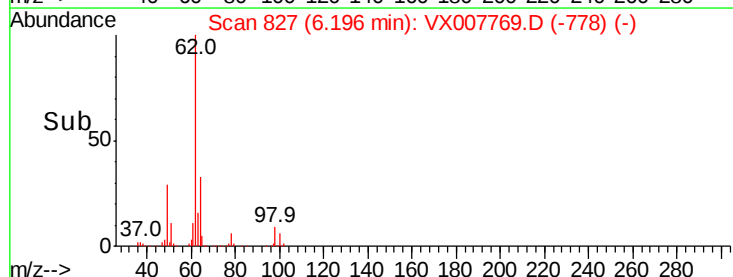
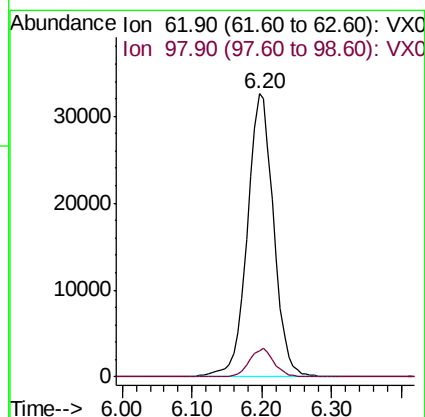
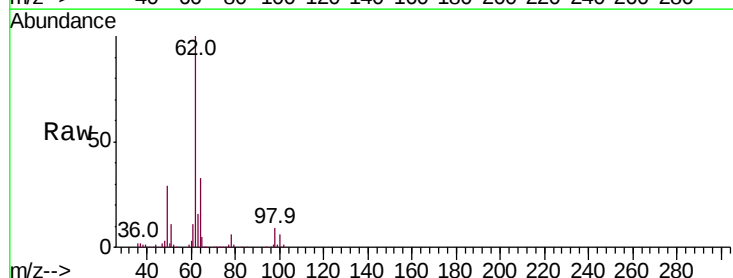
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

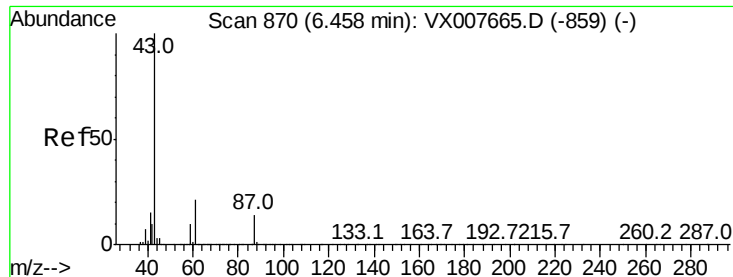
Tot Ion:	41	Resp:	52082
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.5	66.7
67	69.2	60.4	90.6
52	29.6	24.1	36.1



#42
1,2-Dichloroethane
Concen: 21.945 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion:	62	Resp:	85194
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 22.365 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

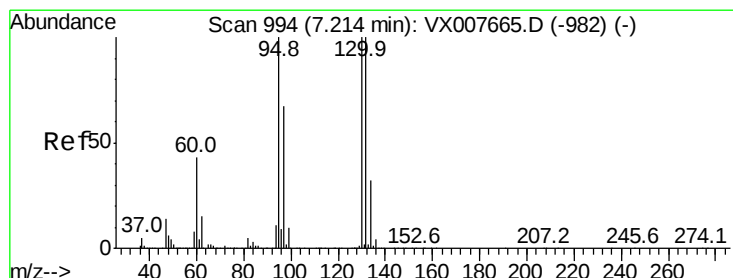
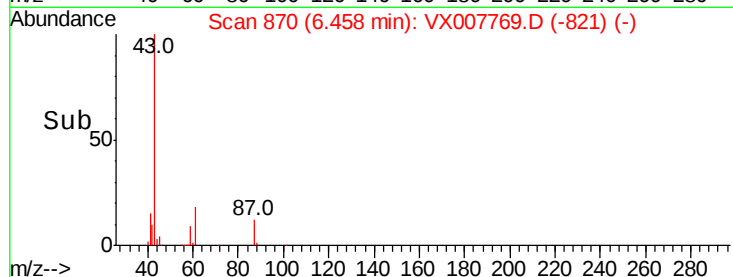
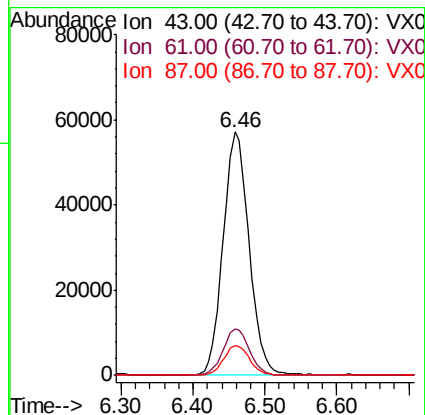
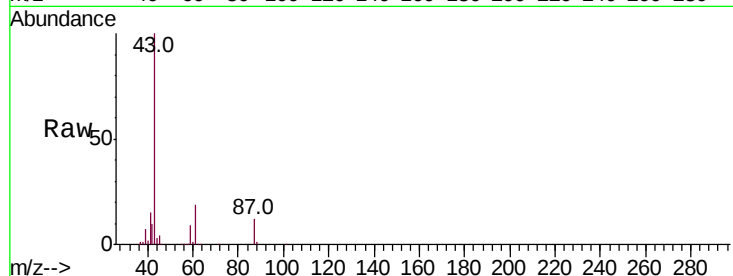
Tot Ion: 43 Resp: 143062

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

87 12.4 11.5 17.3



#44

Trichloroethene

Concen: 20.030 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007769.D

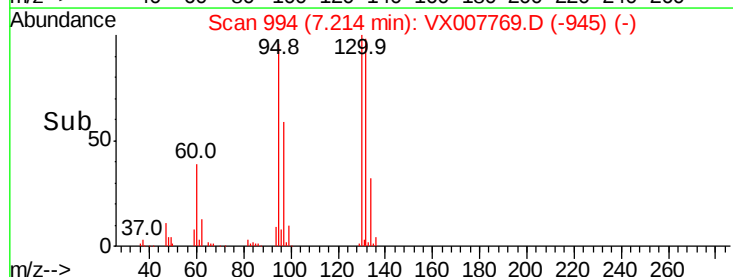
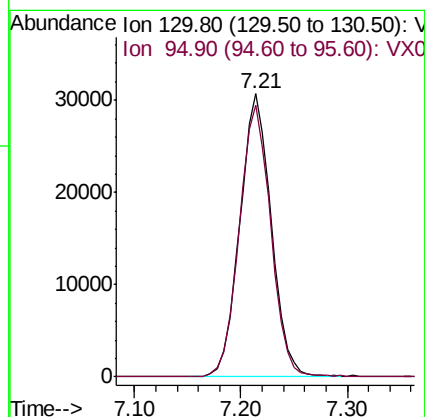
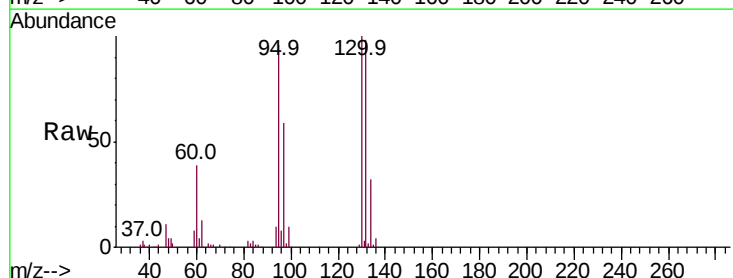
Acq: 28 Feb 2019 16:25

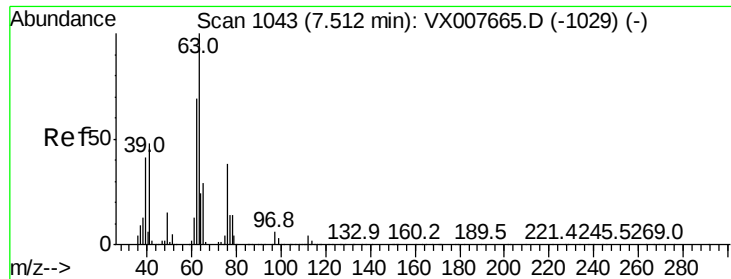
Tgt Ion:130 Resp: 63642

Ion Ratio Lower Upper

130 100

95 96.0 0.0 180.0

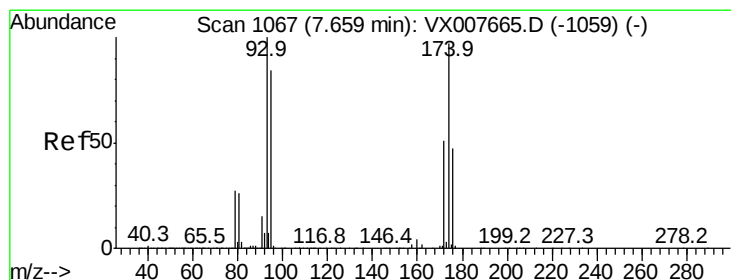
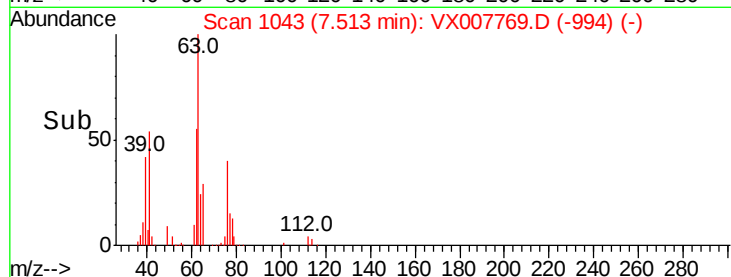
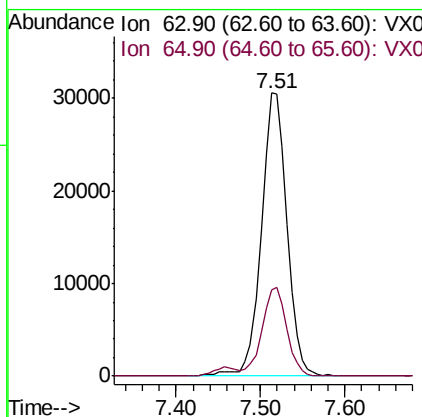
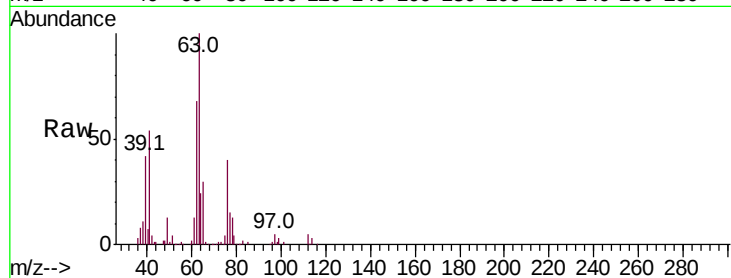




#45
 1,2-Dichloropropane
 Concen: 21.413 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

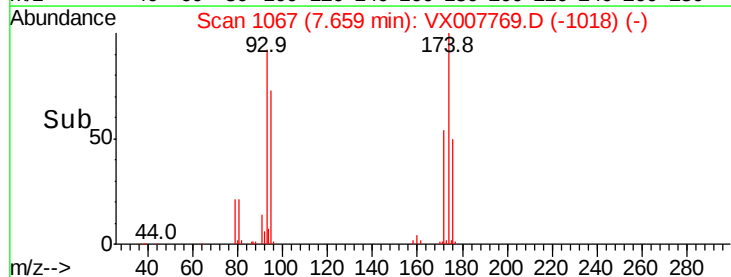
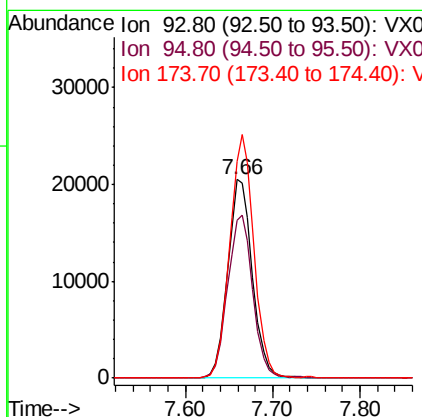
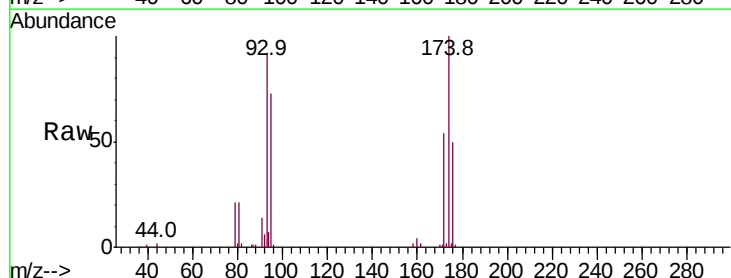
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

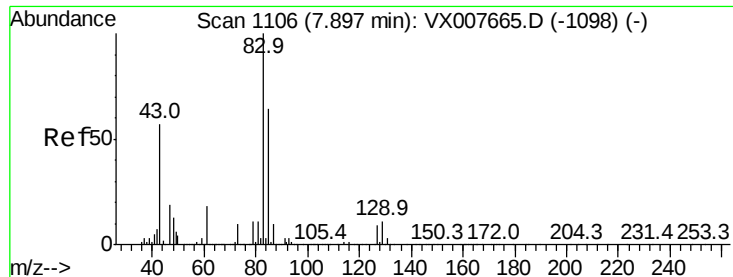
Tot Ion: 63 Resp: 64068
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.2 36.2



#46
 Dibromomethane
 Concen: 19.250 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion: 93 Resp: 40180
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.6 101.4
 174 120.1 94.2 141.4





#47

Bromodichloromethane

Concen: 20.756 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

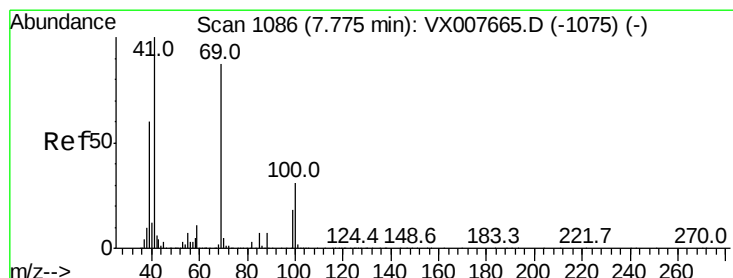
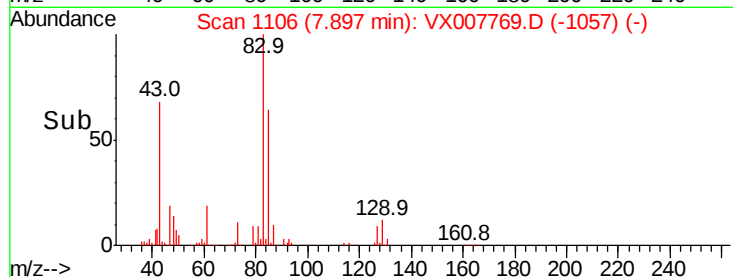
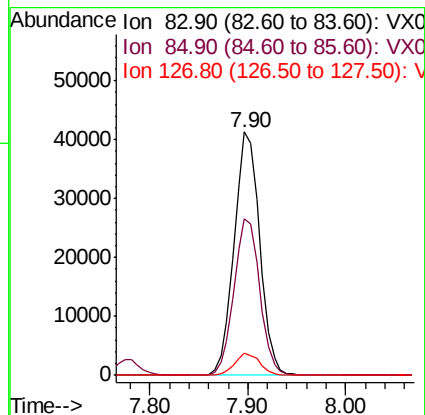
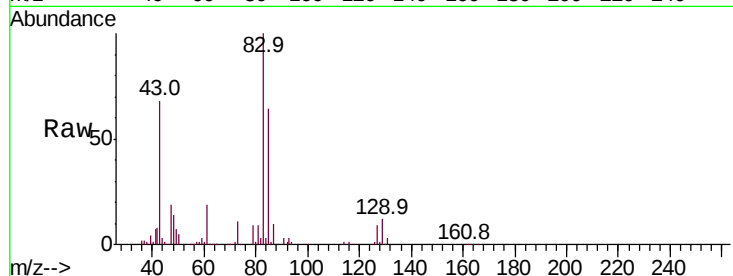
Tot Ion: 83 Resp: 75078

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0

127 9.2 8.1 12.1



#48

Methyl methacrylate

Concen: 22.747 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

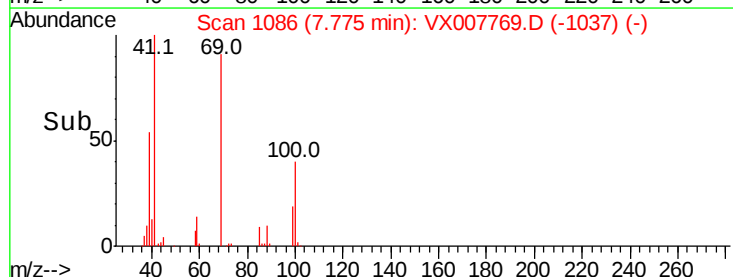
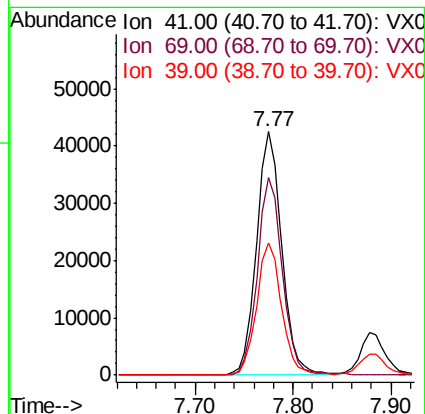
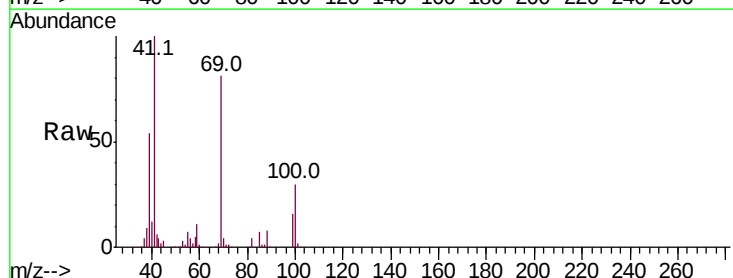
Tgt Ion: 41 Resp: 76272

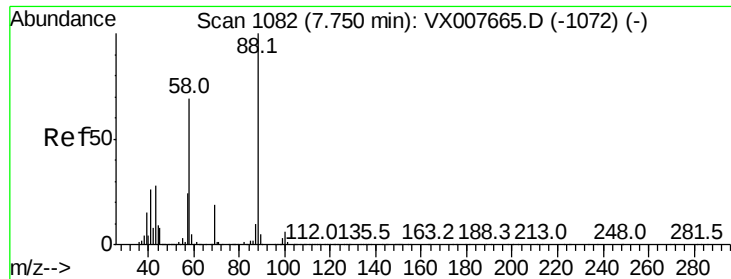
Ion Ratio Lower Upper

41 100

69 80.0 70.2 105.4

39 53.6 47.4 71.0

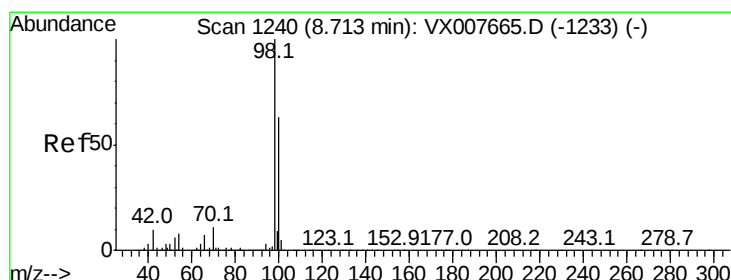
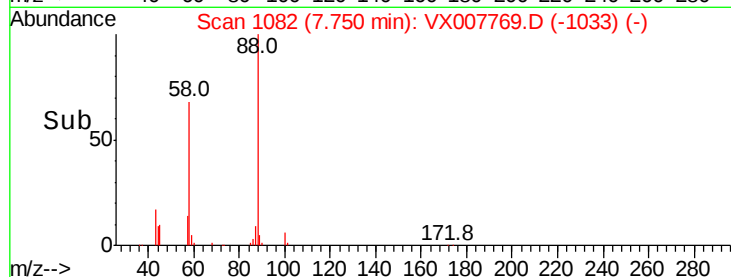
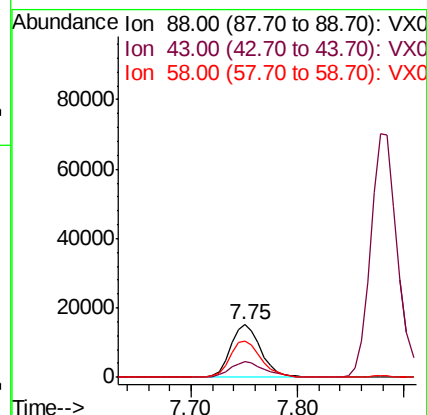
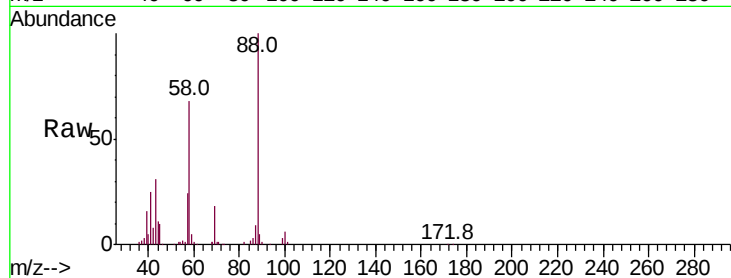




#49
1,4-Dioxane
Concen: 417.279 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

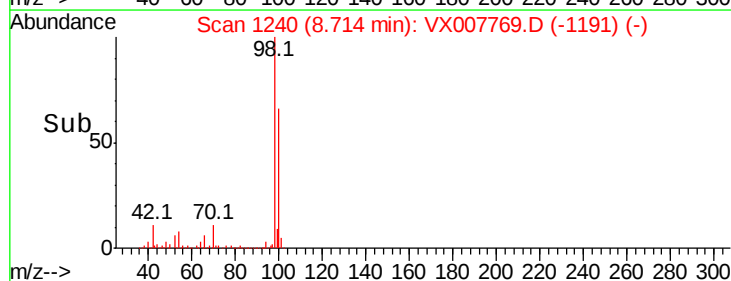
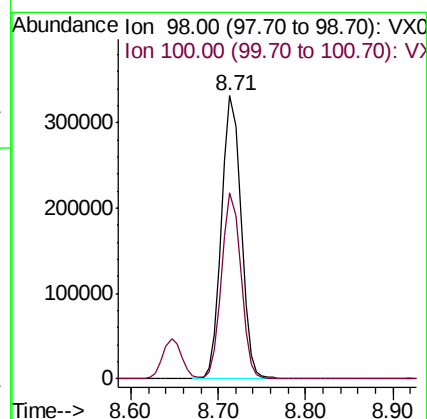
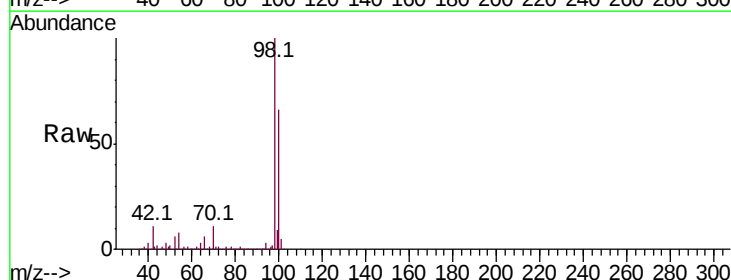
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

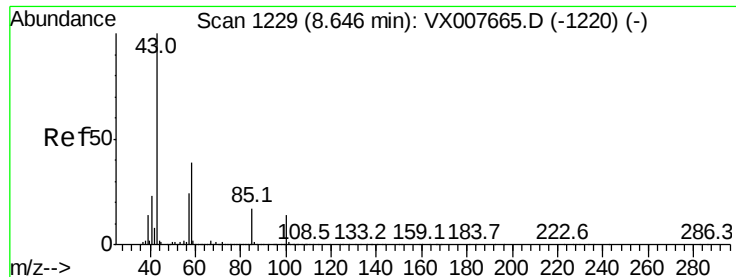
Tot Ion: 88 Resp: 30220
Ion Ratio Lower Upper
88 100
43 35.0 24.2 36.4
58 70.9 53.0 79.4



#50
Toluene-d8
Concen: 48.355 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion: 98 Resp: 515018
Ion Ratio Lower Upper
98 100
100 64.8 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 112.064 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

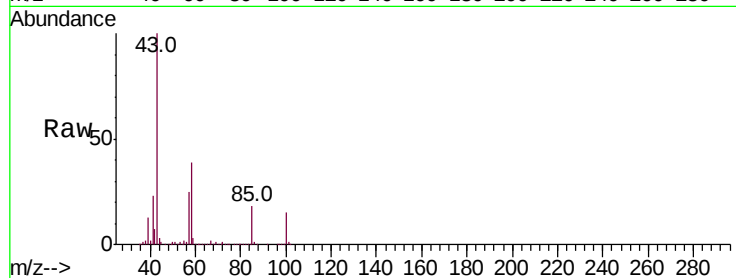
VX0228WBSD01

Tot Ion: 43 Resp: 479845

Ion Ratio Lower Upper

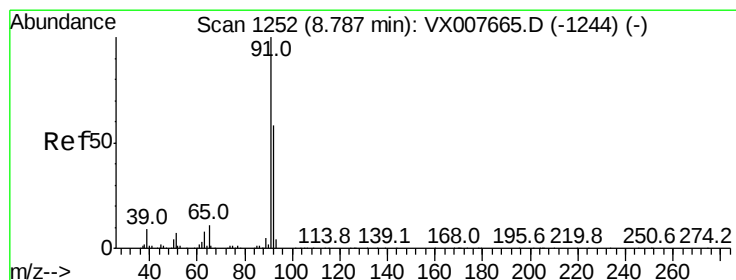
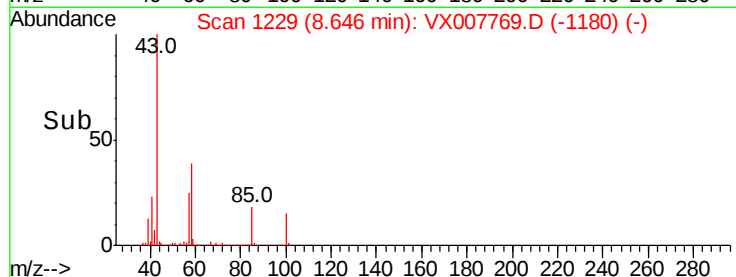
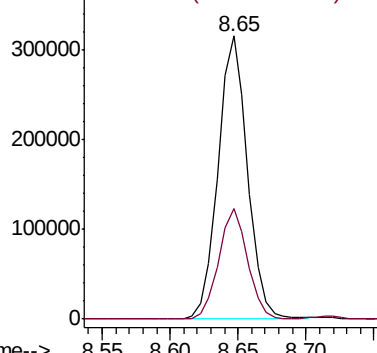
43 100

58 38.5 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.421 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007769.D

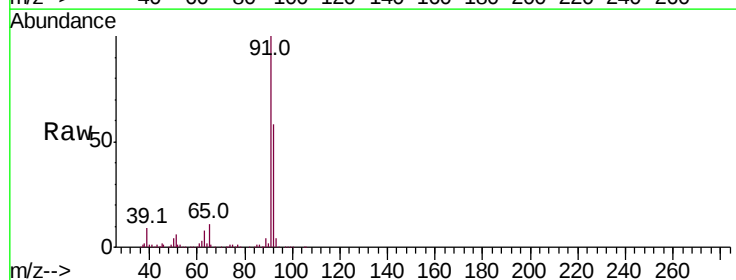
Acq: 28 Feb 2019 16:25

Tgt Ion: 92 Resp: 148732

Ion Ratio Lower Upper

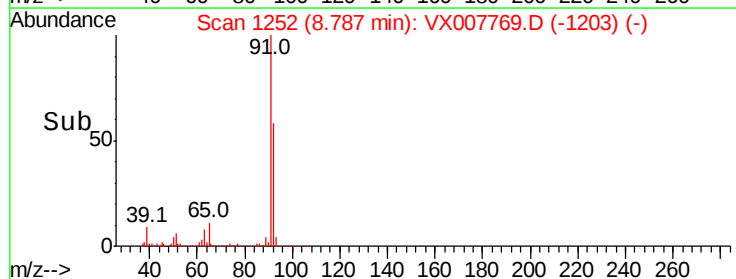
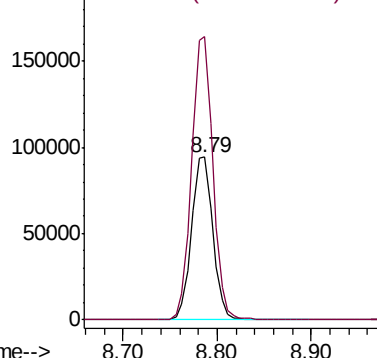
92 100

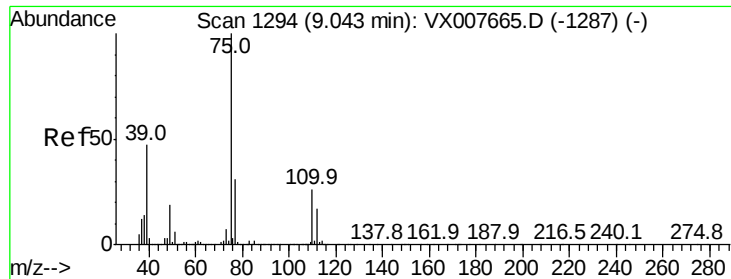
91 173.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 19.766 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

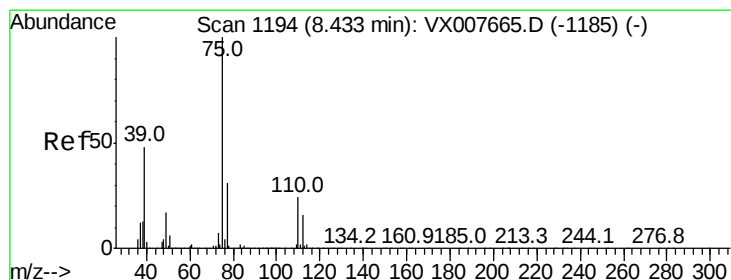
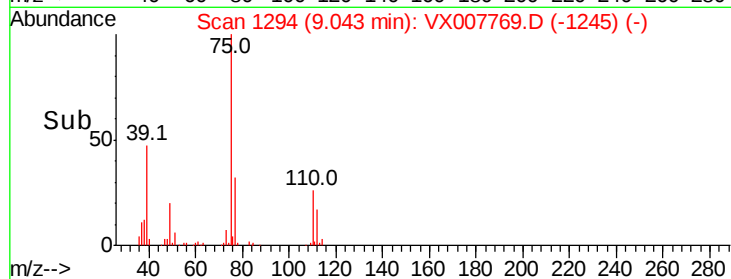
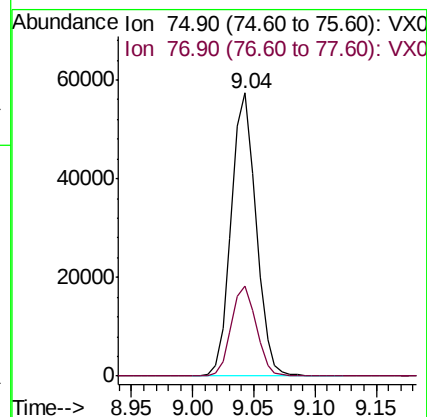
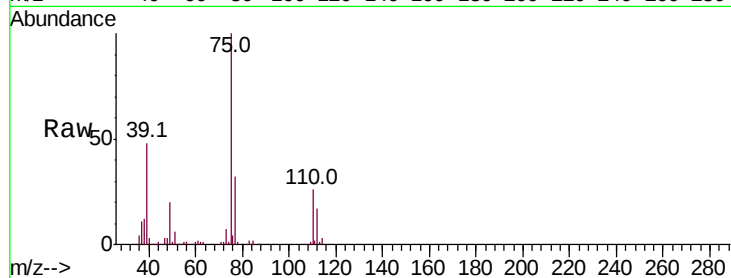
VX0228WBSD01

Tot Ion: 75 Resp: 80814

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 20.778 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

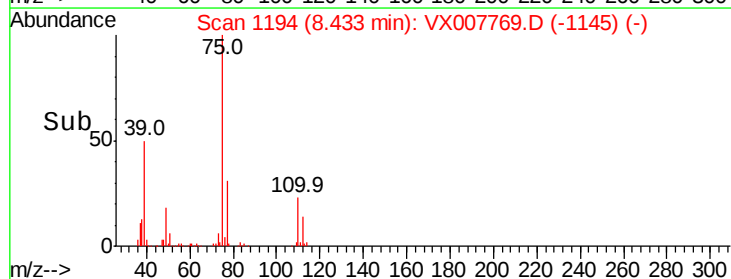
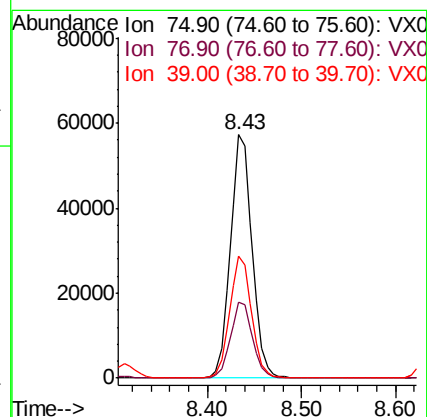
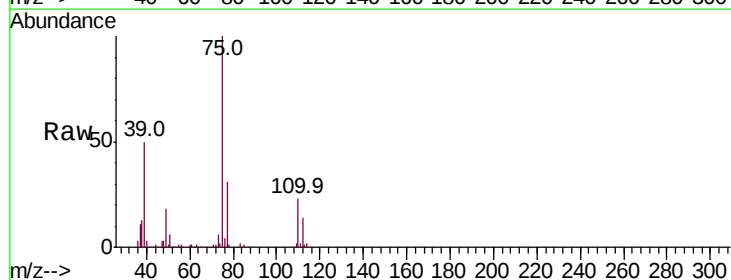
Tgt Ion: 75 Resp: 91206

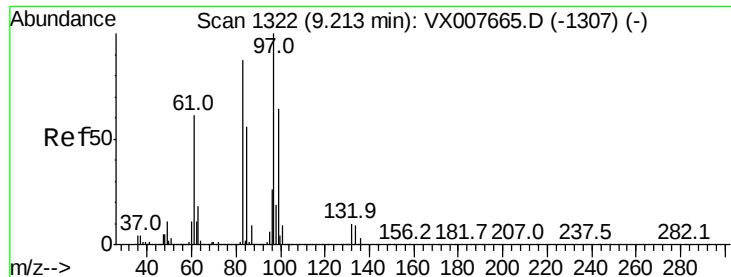
Ion Ratio Lower Upper

75 100

77 31.1 26.2 39.4

39 49.7 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 20.633 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 97 Resp: 62666

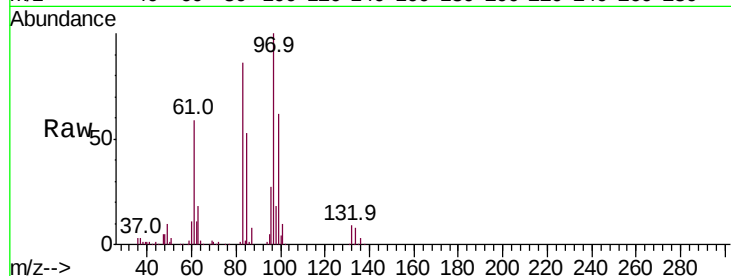
Ion Ratio Lower Upper

97 100

83 85.7 68.6 102.8

85 53.3 44.5 66.7

99 62.3 52.2 78.4

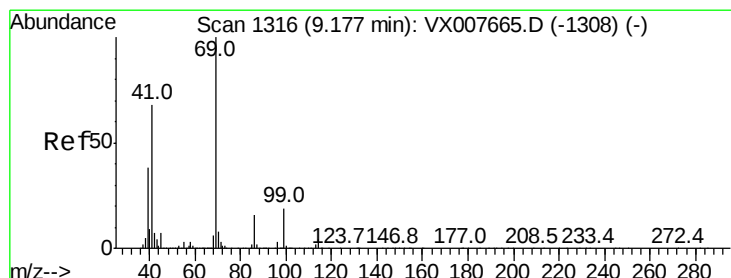
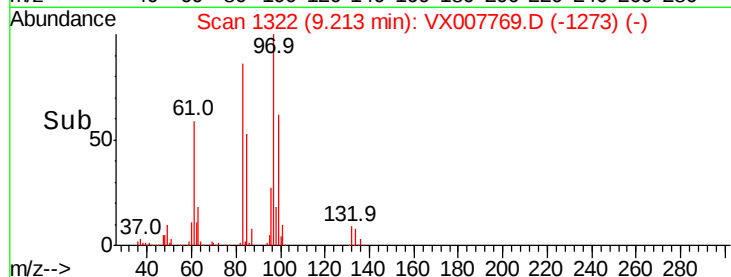
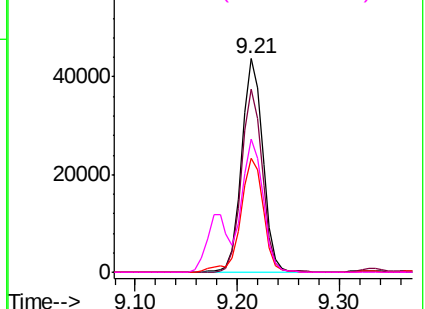


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.874 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

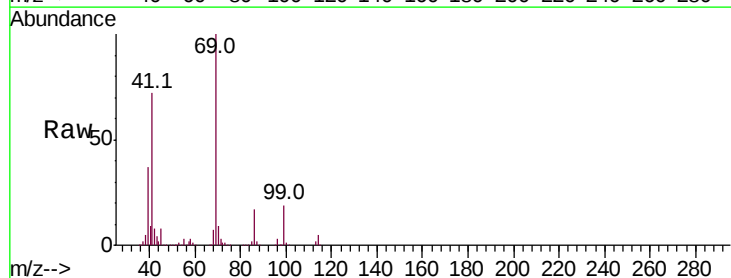
Tgt Ion: 69 Resp: 90157

Ion Ratio Lower Upper

69 100

41 70.4 52.1 78.1

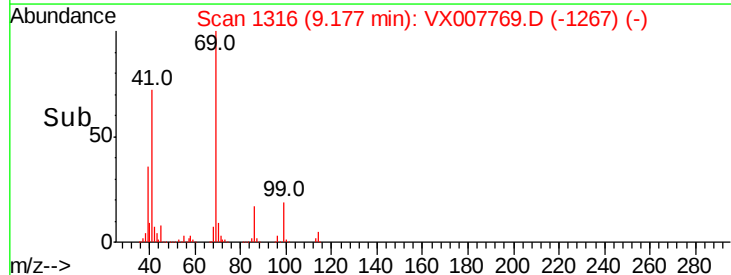
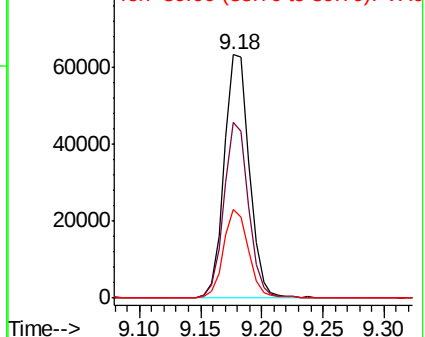
39 36.2 30.1 45.1

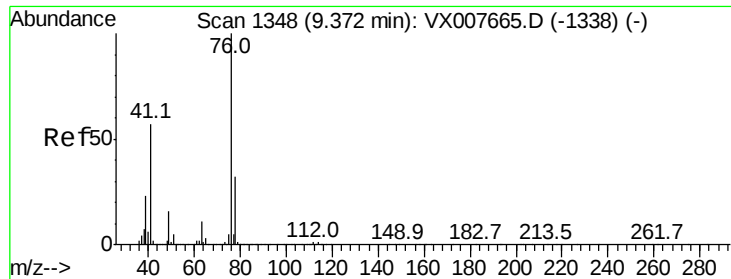


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 21.049 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

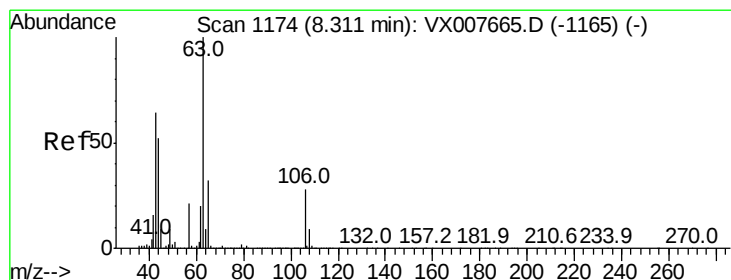
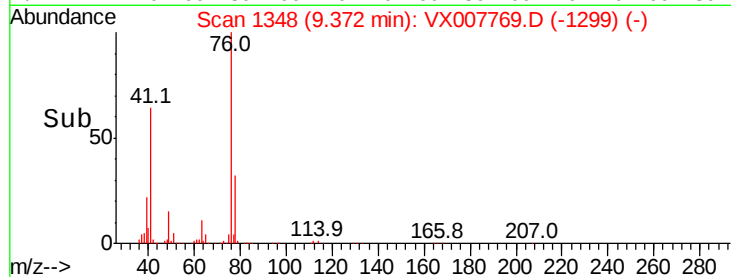
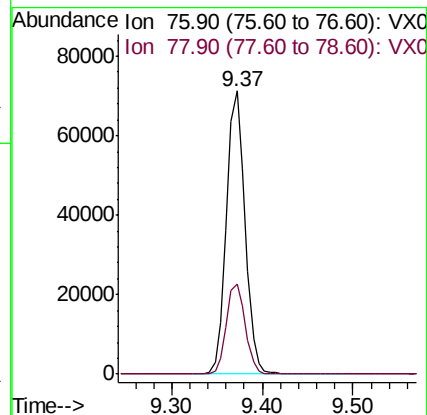
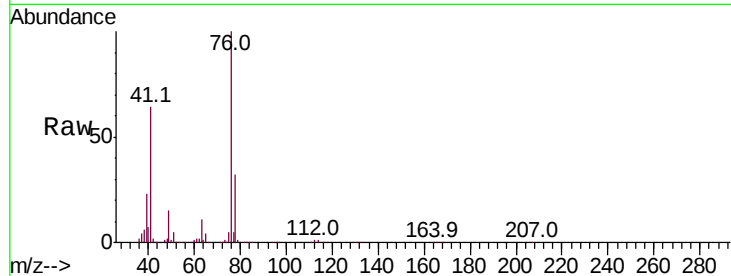
VX0228WBSD01

Tot Ion: 76 Resp: 102336

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 99.529 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007769.D

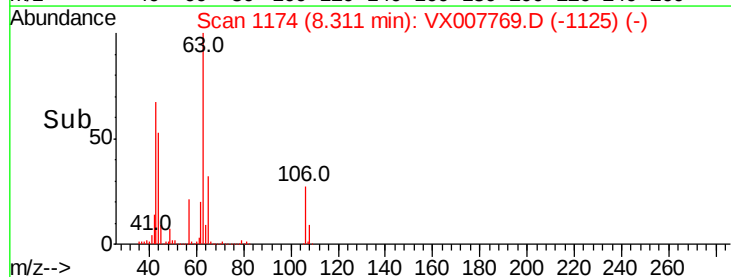
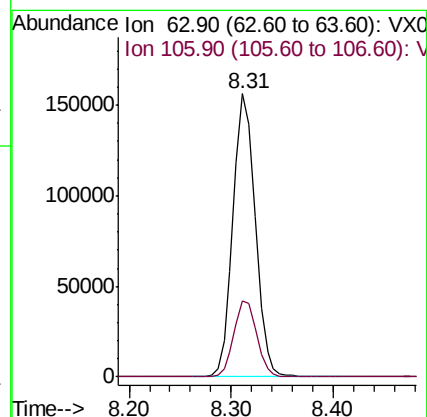
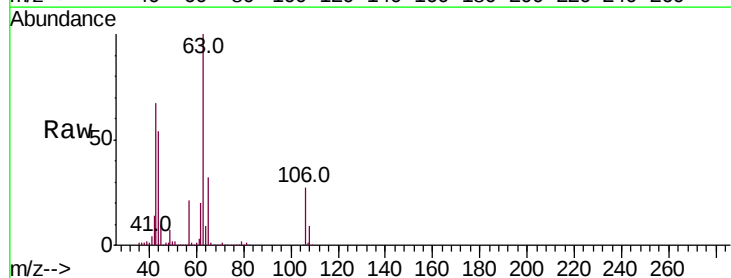
Acq: 28 Feb 2019 16:25

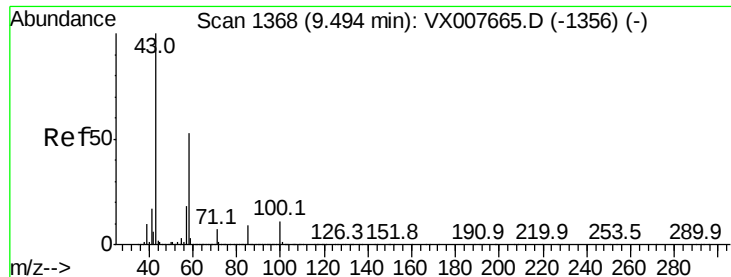
Tgt Ion: 63 Resp: 237056

Ion Ratio Lower Upper

63 100

106 27.7 23.6 35.4

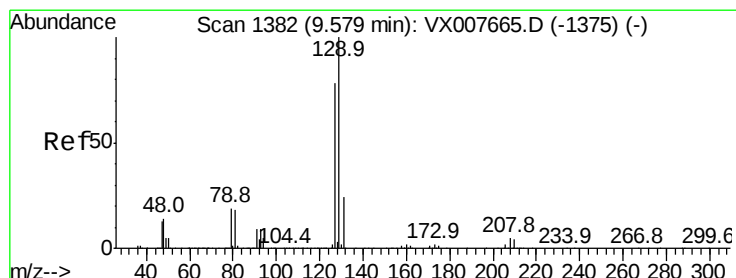
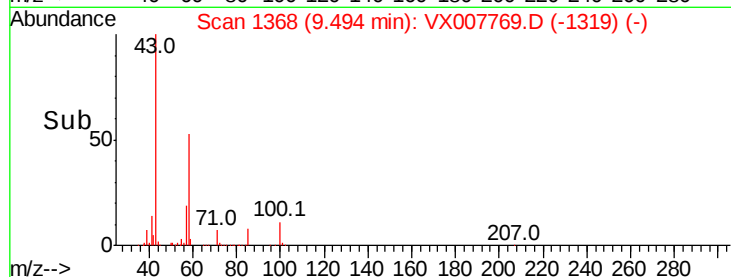
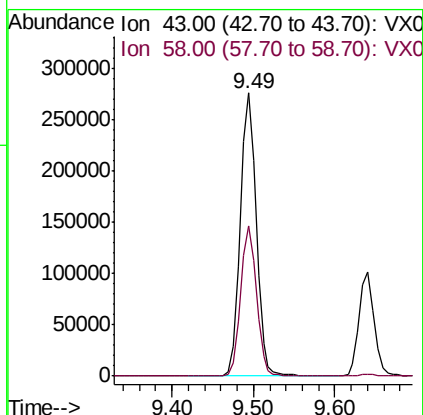
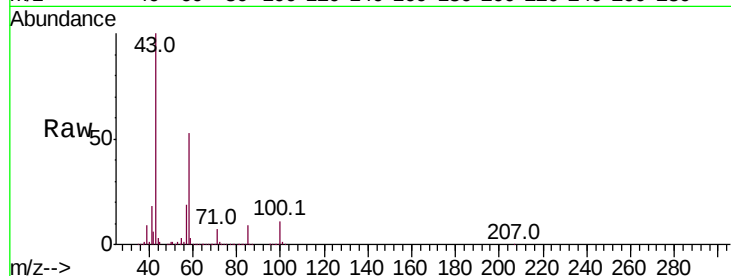




#59
2-Hexanone
Concen: 110.311 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

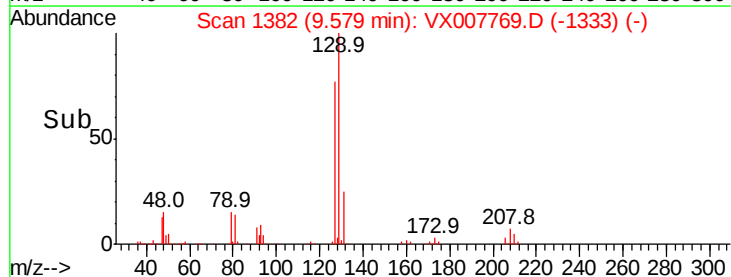
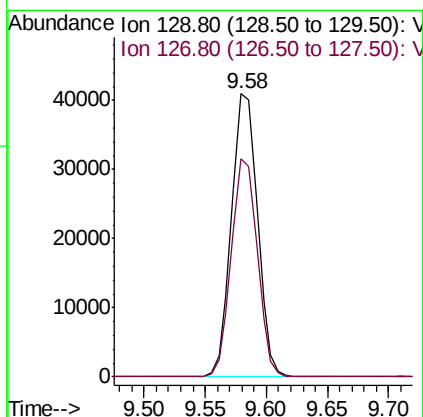
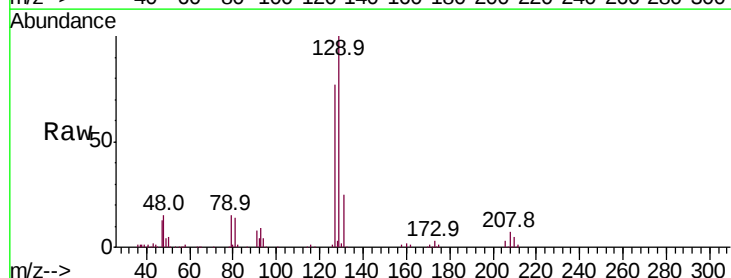
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

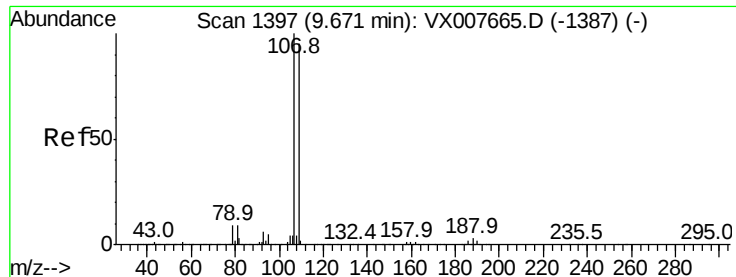
Tot Ion: 43 Resp: 370830
Ion Ratio Lower Upper
43 100
58 52.7 27.1 81.3



#60
Dibromochloromethane
Concen: 20.723 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion: 129 Resp: 60564
Ion Ratio Lower Upper
129 100
127 76.5 37.8 113.4





#61

1,2-Dibromoethane

Concen: 20.744 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

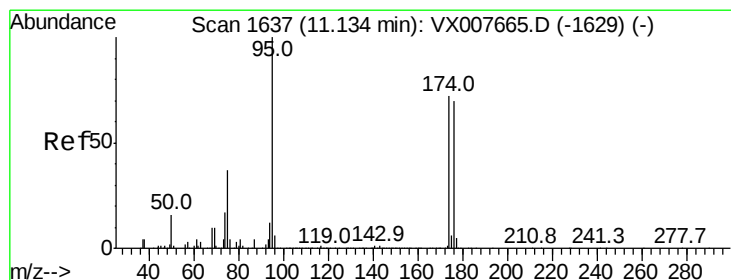
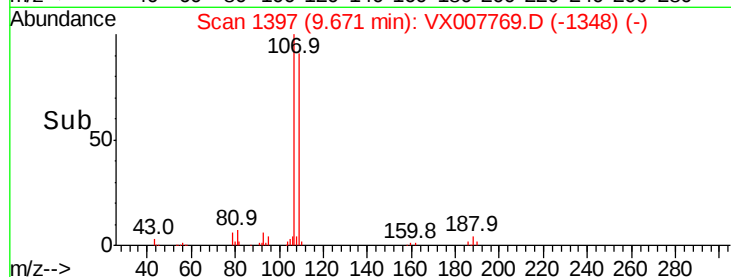
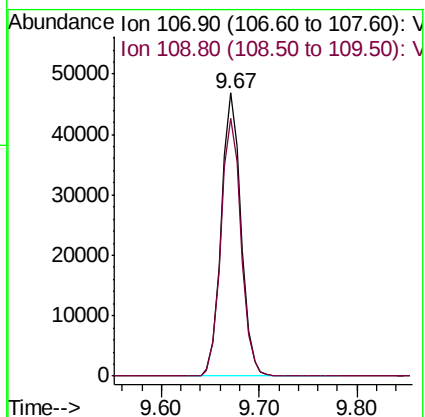
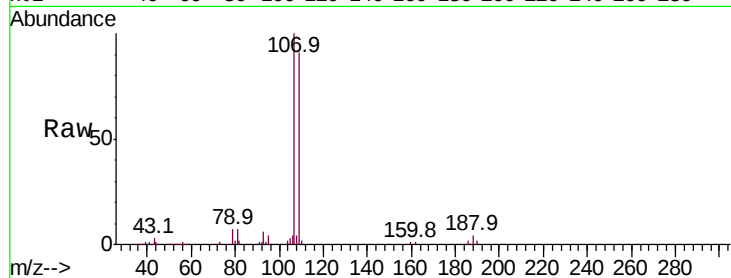
VX0228WBSD01

Tot Ion:107 Resp: 65414

Ion Ratio Lower Upper

107 100

109 93.3 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 46.958 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

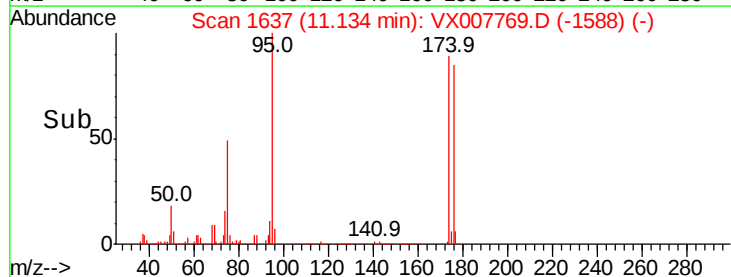
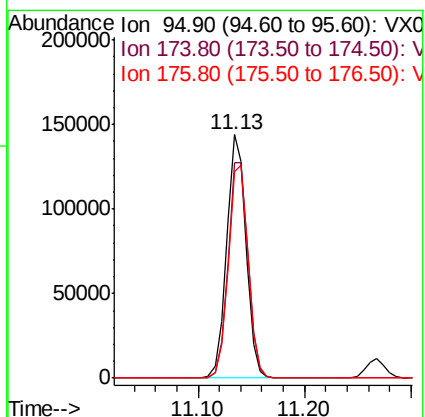
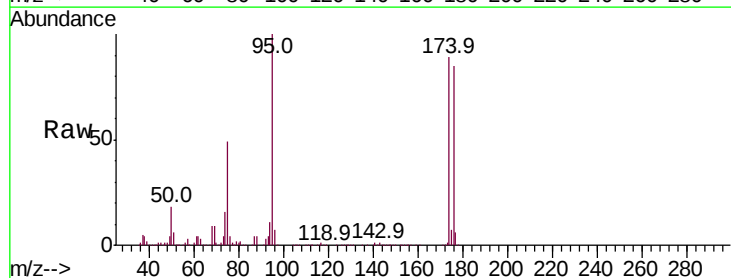
Tgt Ion: 95 Resp: 183568

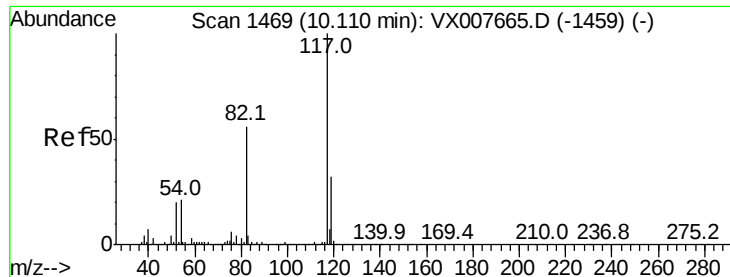
Ion Ratio Lower Upper

95 100

174 92.4 0.0 189.2

176 89.7 0.0 186.2

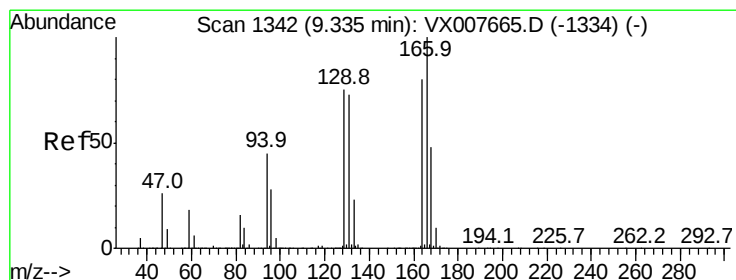
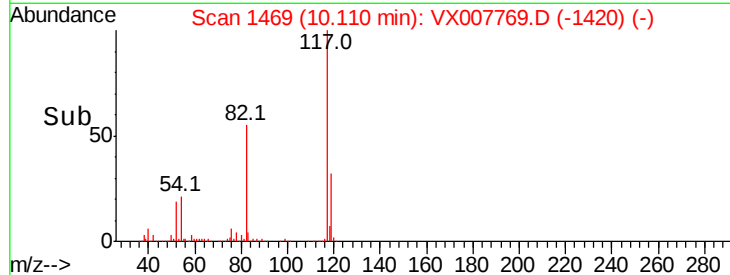
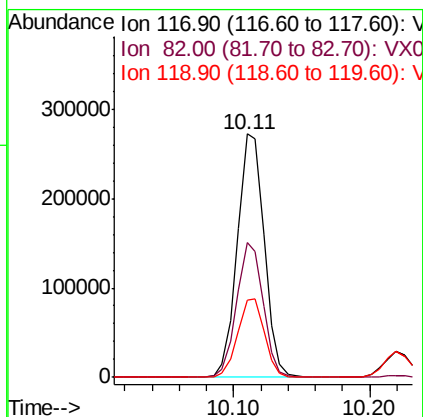
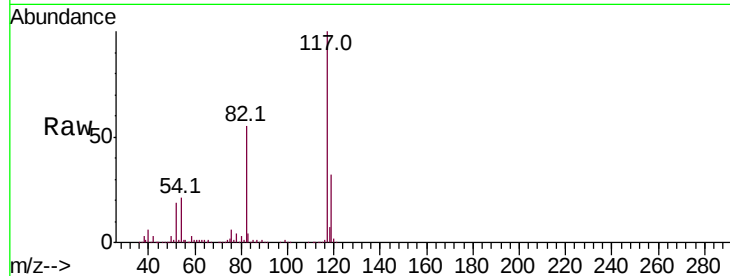




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

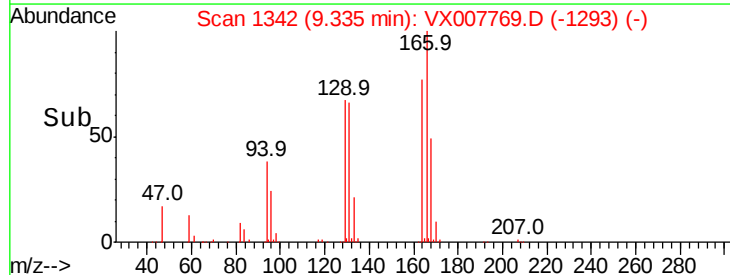
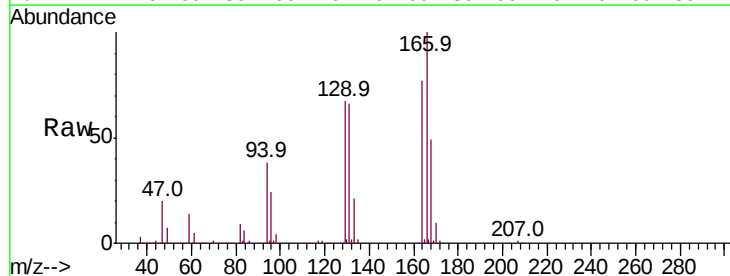
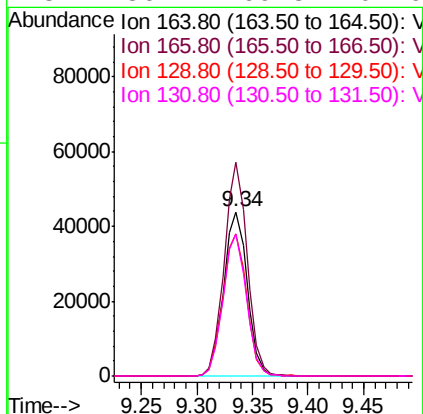
Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

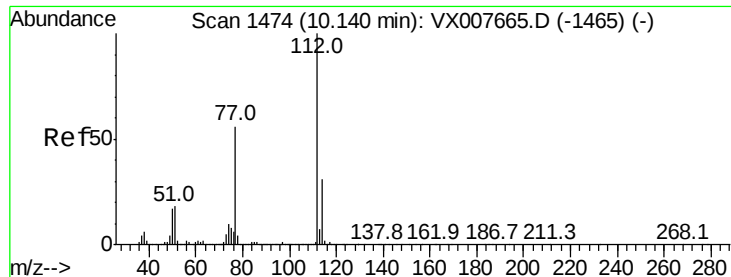
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	42.1	63.1
119	31.6	26.5	39.7



#64
Tetrachloroethene
Concen: 21.157 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	101.0	151.4
129	86.5	70.5	105.7
131	86.2	69.8	104.6

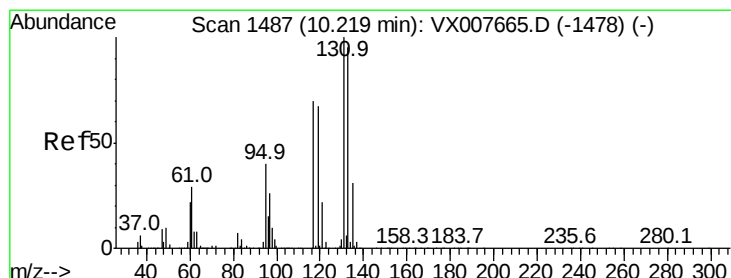
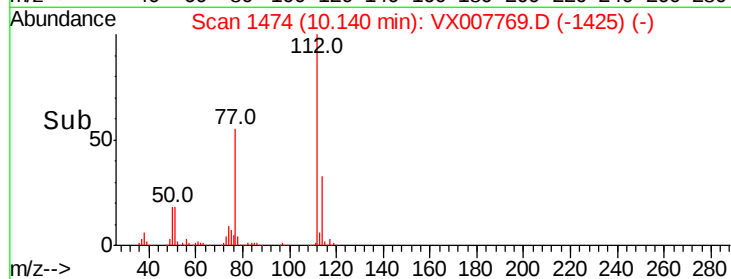
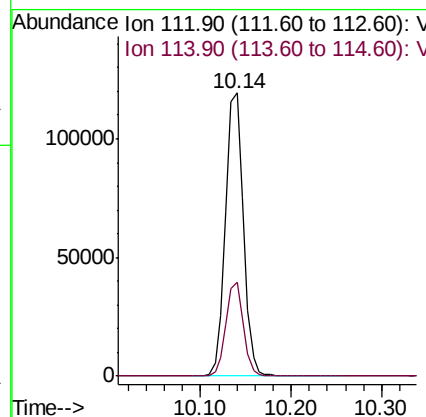
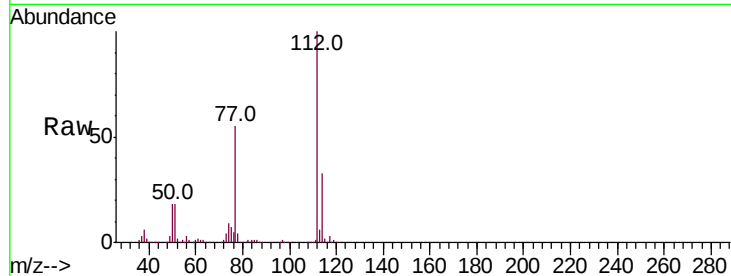




#65
Chlorobenzene
Concen: 20.338 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

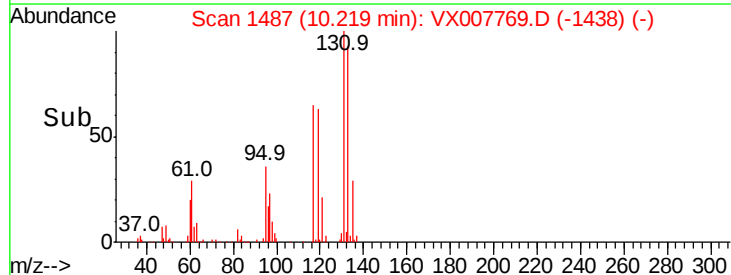
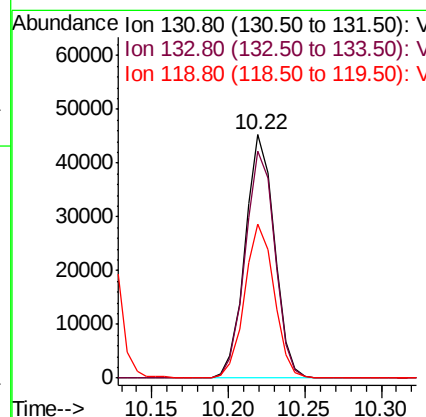
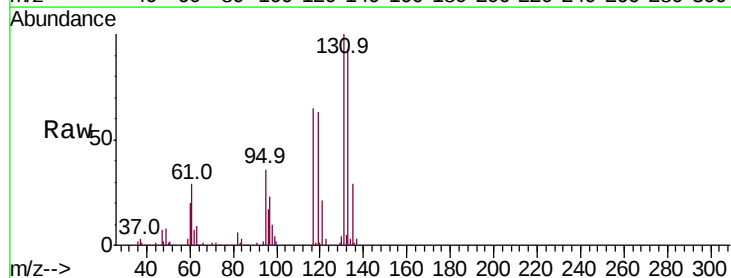
Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

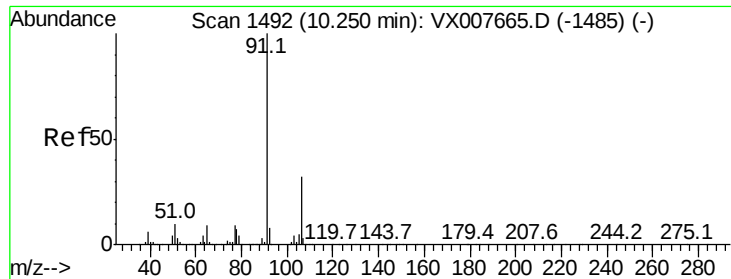
Tot Ion:112 Resp: 165179
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.232 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion:131 Resp: 60149
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.2
119 64.1 32.0 96.0

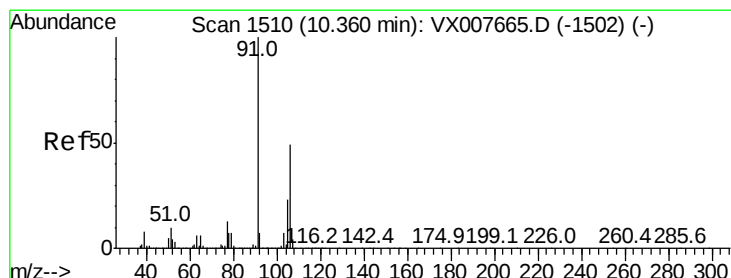
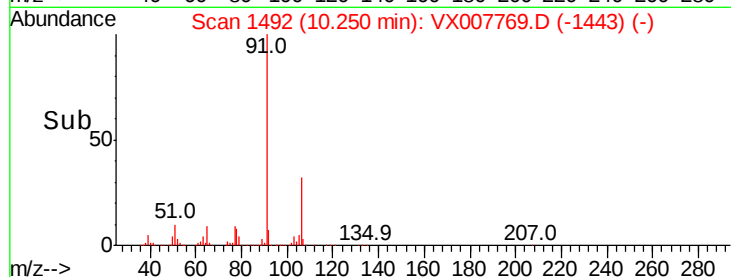
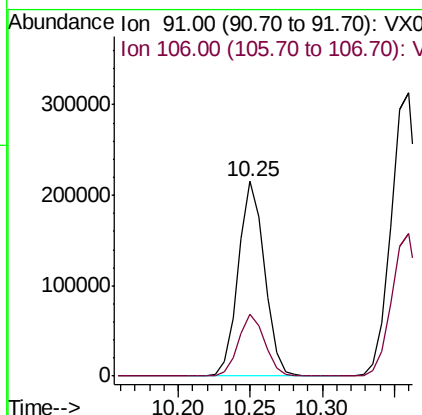
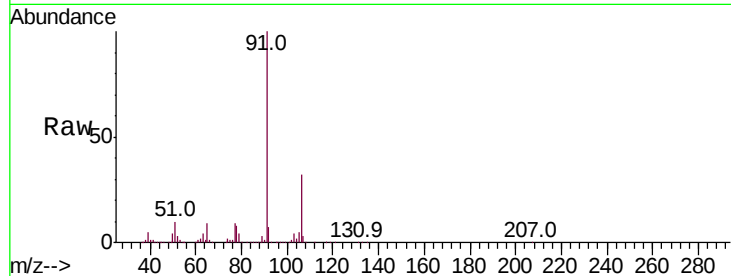




#67
Ethyl Benzene
Concen: 20.353 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

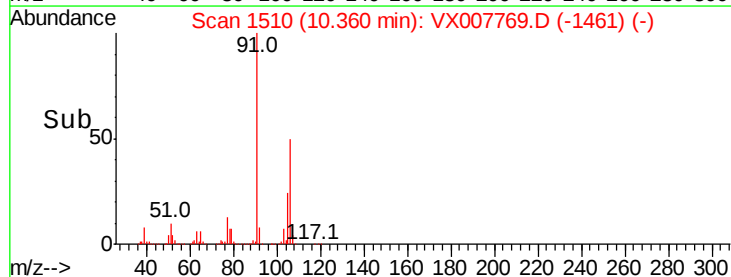
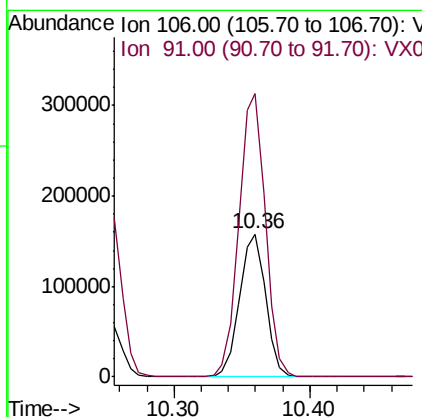
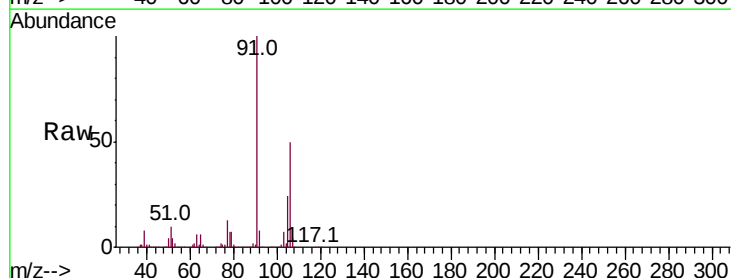
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

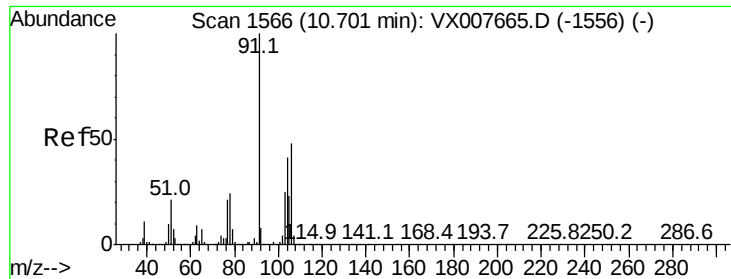
Tot Ion: 91 Resp: 273821
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0



#68
m/p-Xylenes
Concen: 40.216 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion: 106 Resp: 210487
Ion Ratio Lower Upper
106 100
91 201.4 156.6 234.8

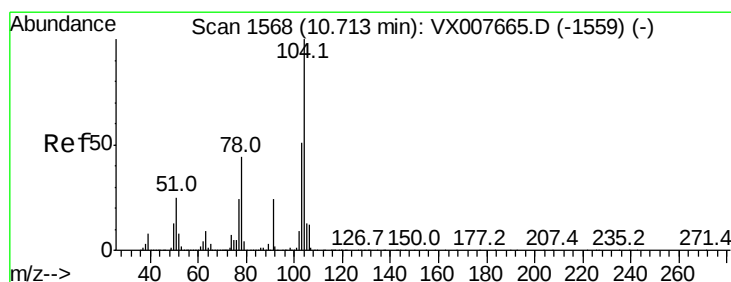
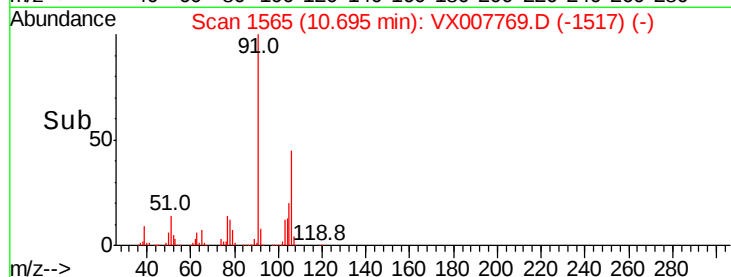
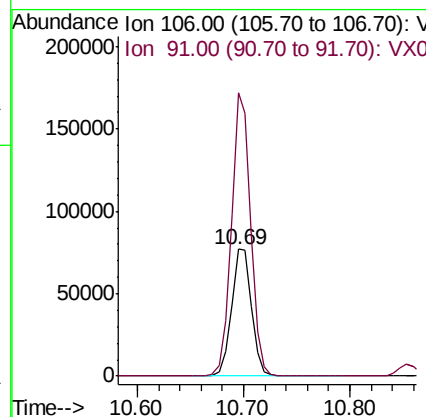
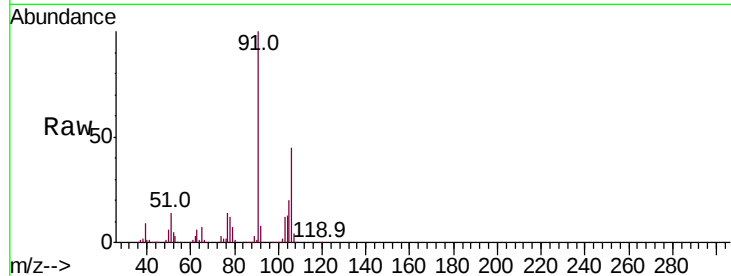




#69
o-Xylene
Concen: 20.113 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

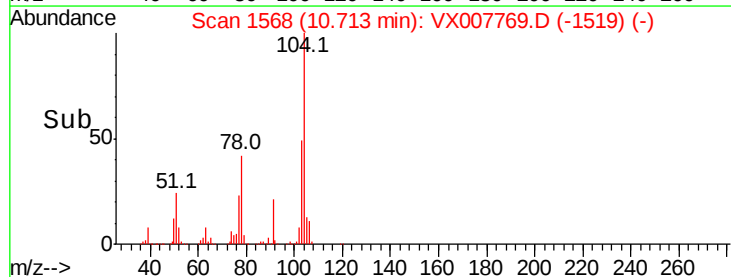
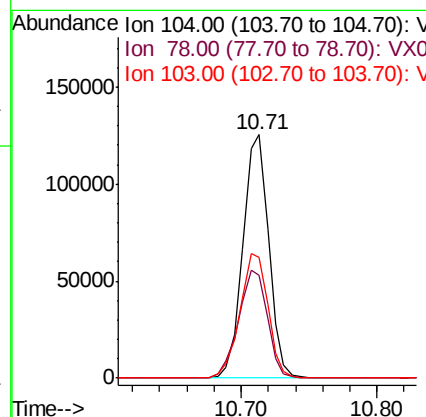
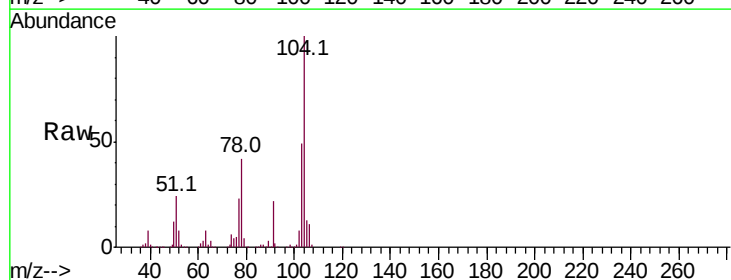
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

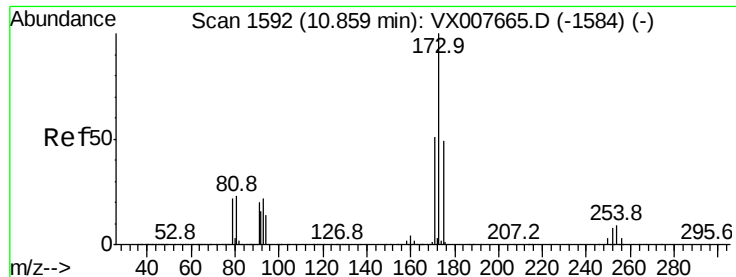
Tot Ion:106 Resp: 101255
Ion Ratio Lower Upper
106 100
91 214.2 102.9 308.7



#70
Styrene
Concen: 20.089 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007769.D
Acq: 28 Feb 2019 16:25

Tgt Ion:104 Resp: 166237
Ion Ratio Lower Upper
104 100
78 49.5 38.3 57.5
103 55.9 44.6 67.0





#71

Bromoform

Concen: 21.804 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

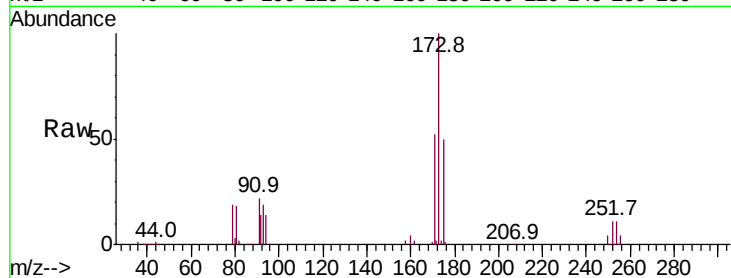
Tot Ion:173 Resp: 46319

Ion Ratio Lower Upper

173 100

175 49.2 24.2 72.6

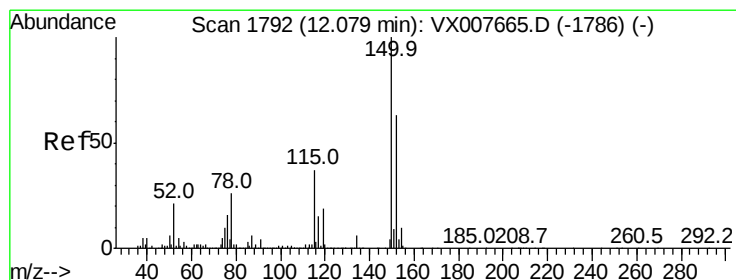
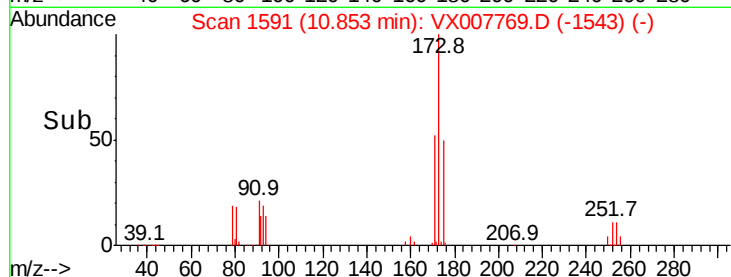
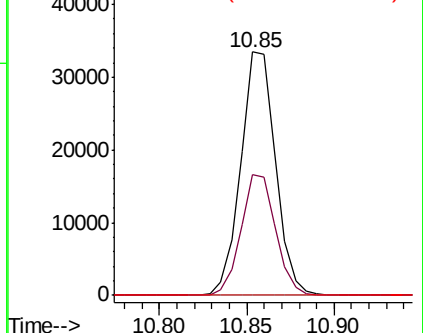
254 0.0 0.2 0.2#



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: VX007769.D

Acq: 28 Feb 2019 16:25

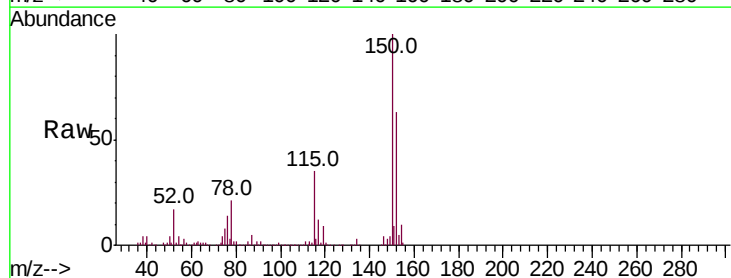
Tgt Ion:152 Resp: 190413

Ion Ratio Lower Upper

152 100

115 64.4 38.0 114.0

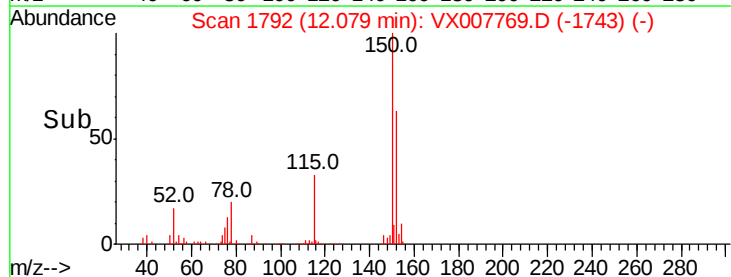
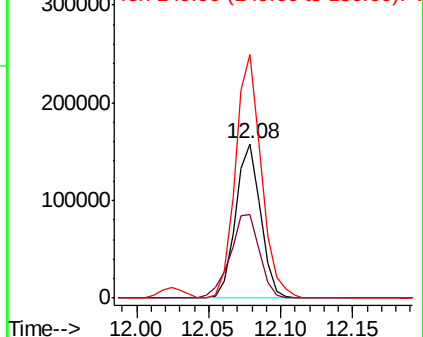
150 164.6 0.0 346.4

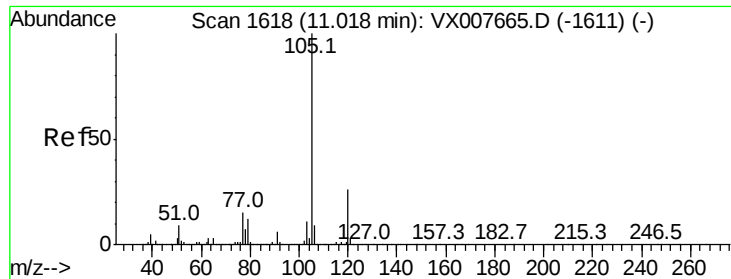


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.079 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

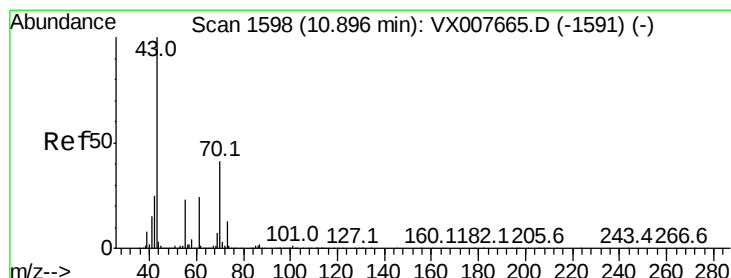
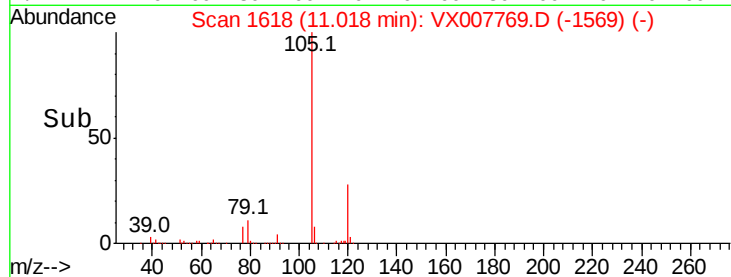
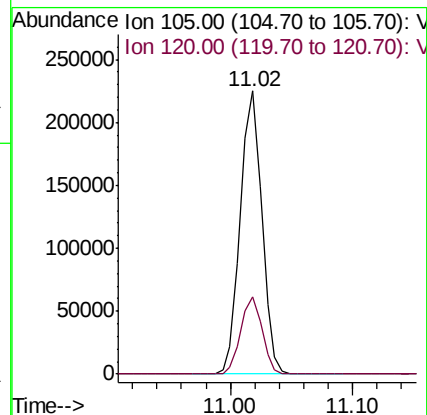
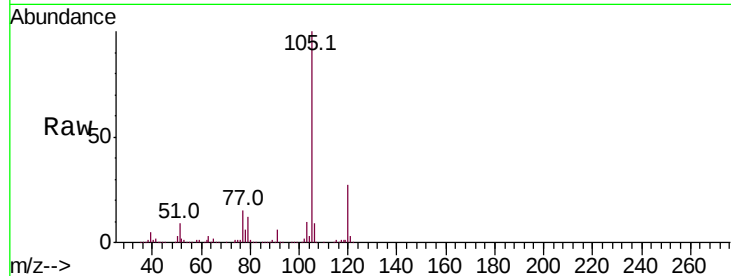
VX0228WBSD01

Tot Ion:105 Resp: 273258

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-ethyl acetate

Concen: 20.556 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion: 43 Resp: 121480

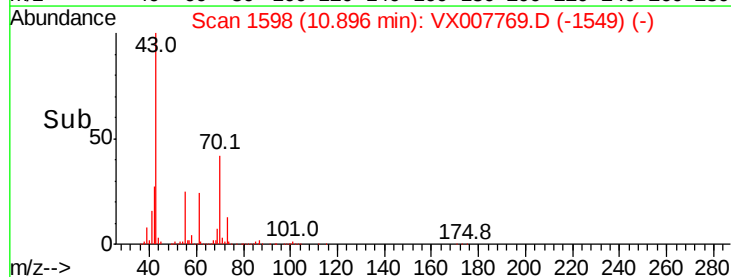
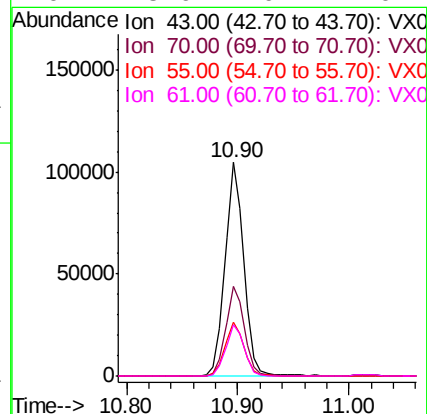
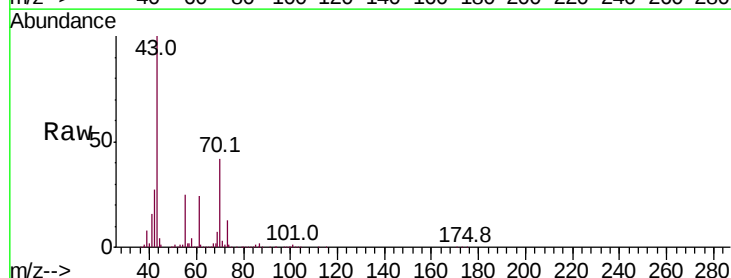
Ion Ratio Lower Upper

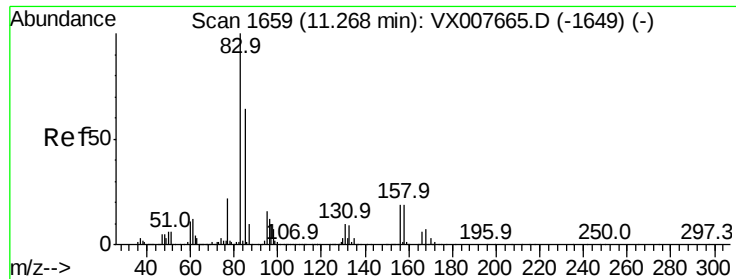
43 100

70 41.9 33.8 50.6

55 25.8 19.5 29.3

61 23.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.967 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

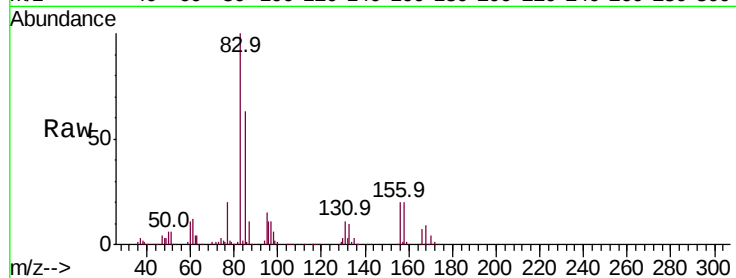
Tot Ion: 83 Resp: 93984

Ion Ratio Lower Upper

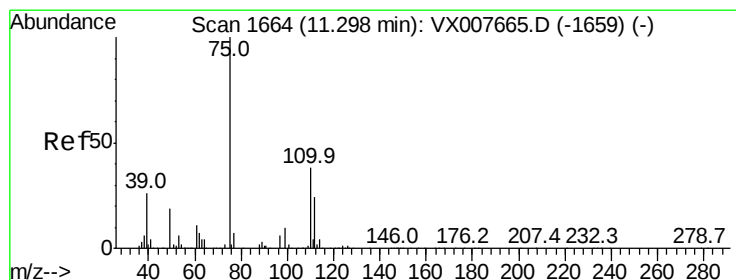
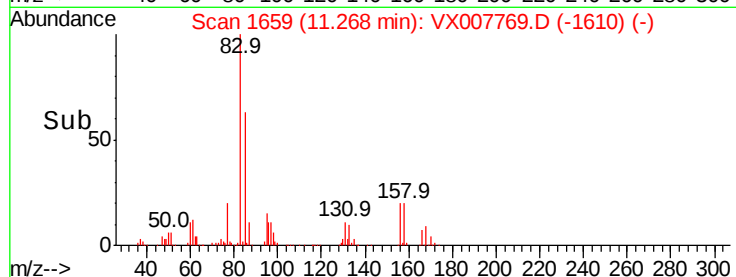
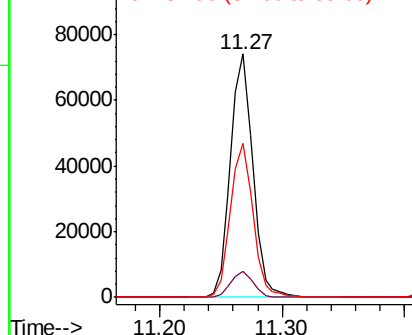
83 100

131 10.5 5.7 17.0

85 63.8 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.809 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007769.D

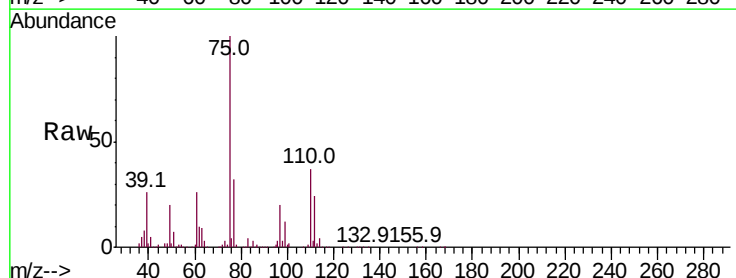
Acq: 28 Feb 2019 16:25

Tgt Ion: 75 Resp: 104752

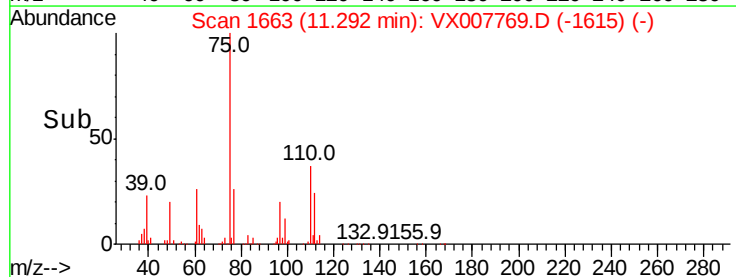
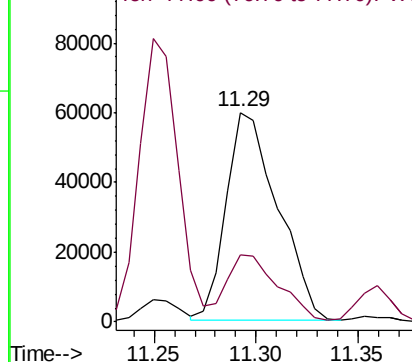
Ion Ratio Lower Upper

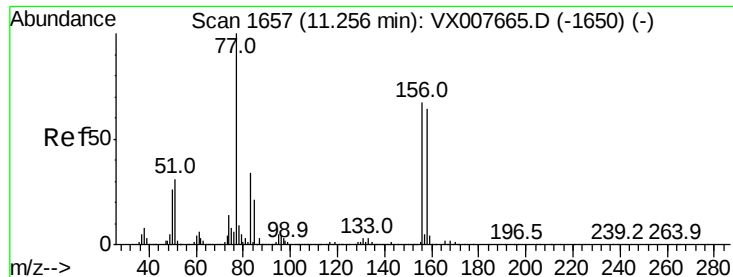
75 100

77 32.8 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.839 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

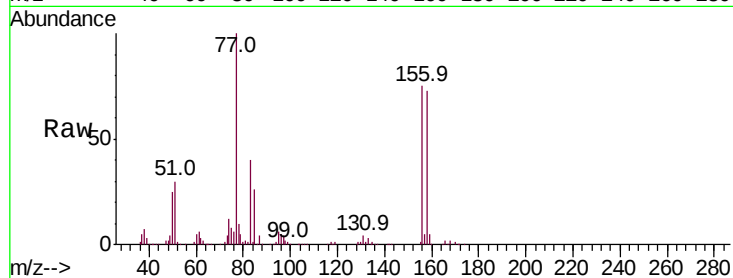
Tot Ion:156 Resp: 74547

Ion Ratio Lower Upper

156 100

77 143.3 66.8 200.6

158 97.7 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): VX0

Ion 157.80 (157.50 to 158.10): V

100000

80000

60000

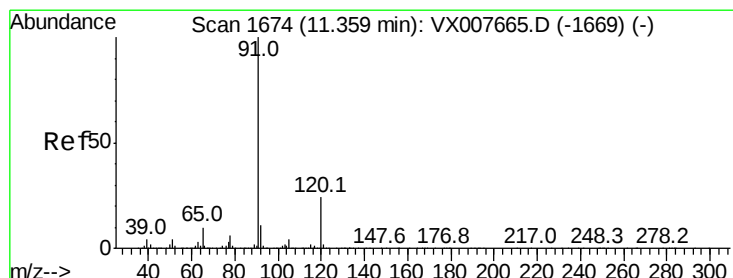
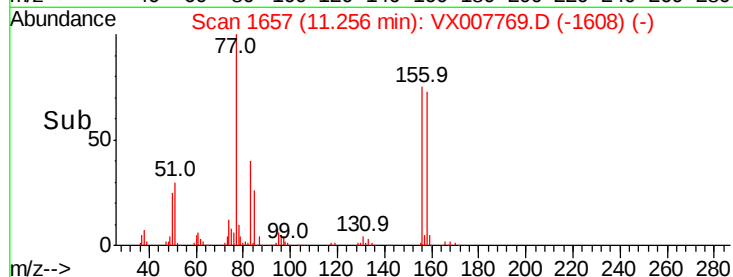
40000

20000

0

11.20 11.26 11.30

Time-->



#78

n-propylbenzene

Concen: 19.923 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007769.D

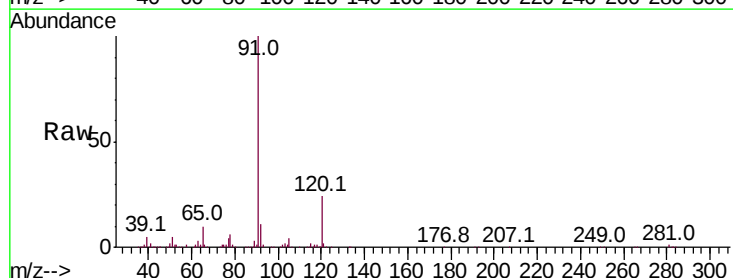
Acq: 28 Feb 2019 16:25

Tgt Ion: 91 Resp: 306391

Ion Ratio Lower Upper

91 100

120 23.5 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.30): VX0

Ion 120.00 (119.70 to 120.30): V

300000

250000

200000

150000

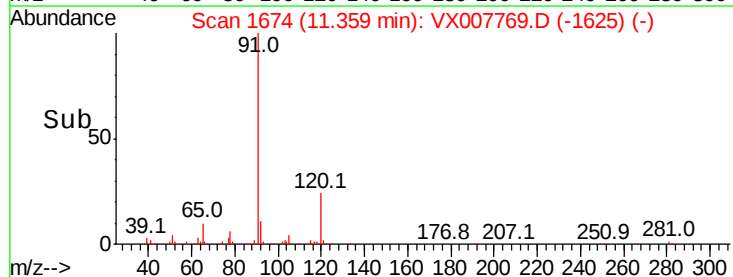
100000

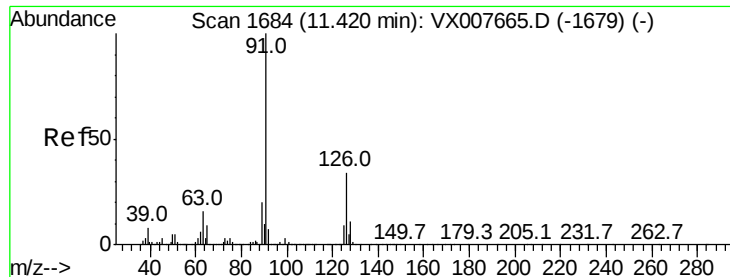
50000

0

11.30 11.35 11.40

Time-->





#79

2-Chlorotoluene

Concen: 19.989 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

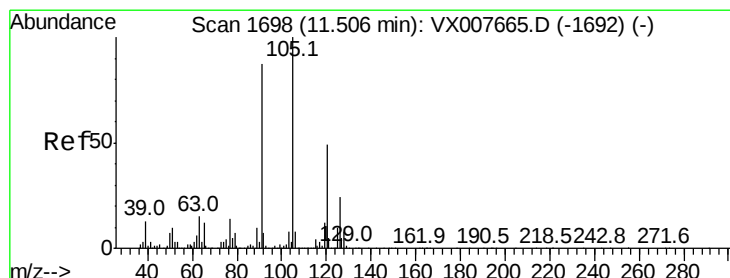
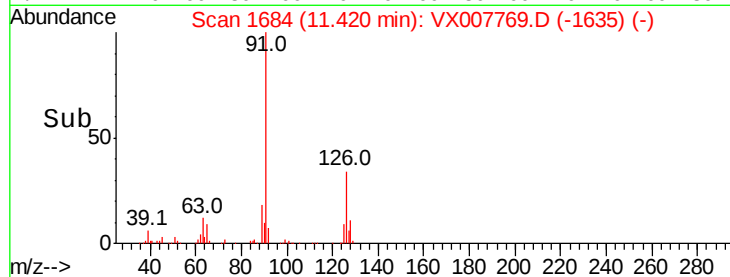
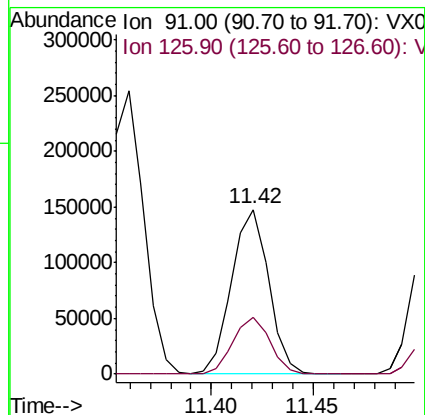
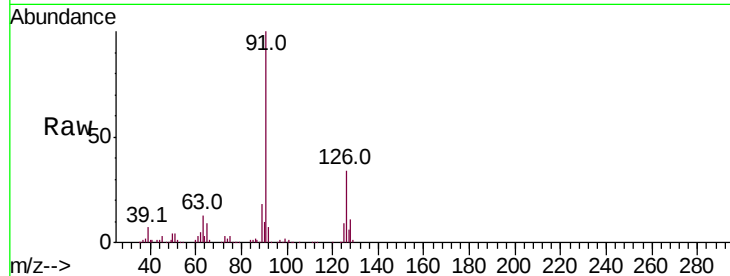
VX0228WBSD01

Tot Ion: 91 Resp: 185093

Ion Ratio Lower Upper

91 100

126 35.0 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 20.307 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007769.D

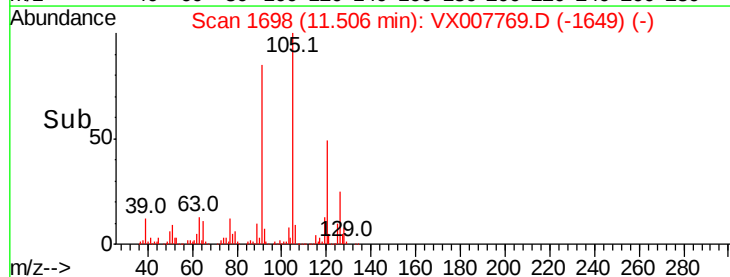
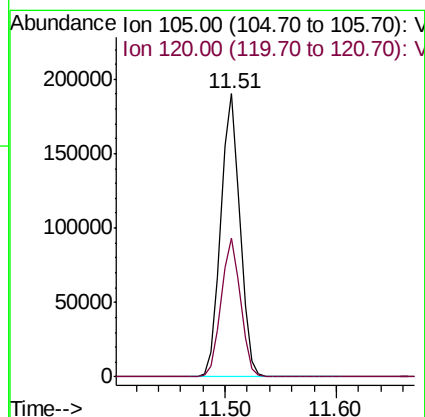
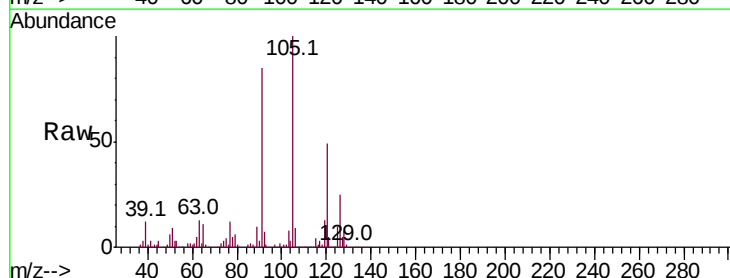
Acq: 28 Feb 2019 16:25

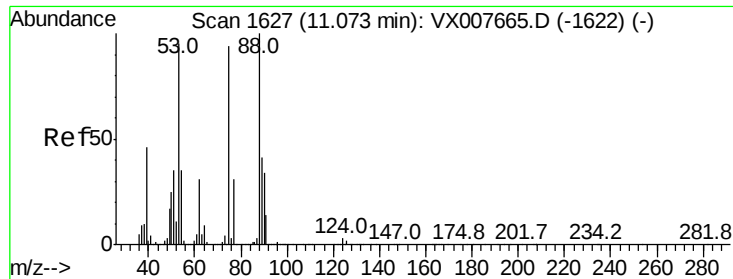
Tgt Ion: 105 Resp: 227321

Ion Ratio Lower Upper

105 100

120 49.4 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.495 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

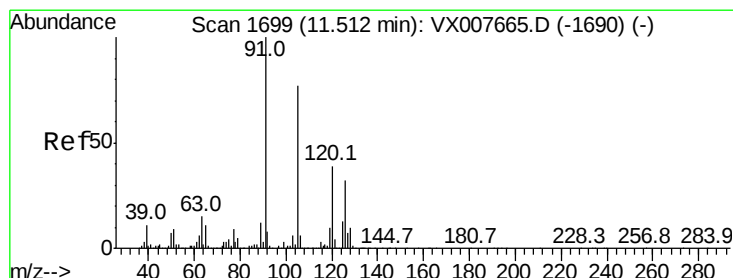
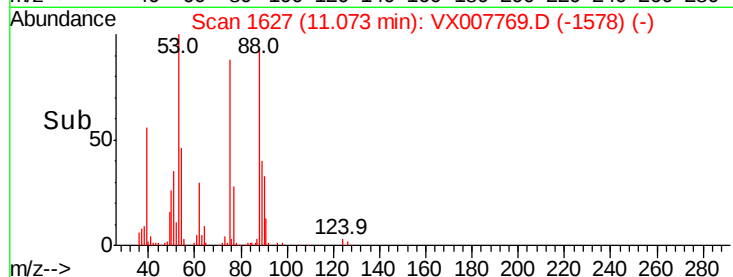
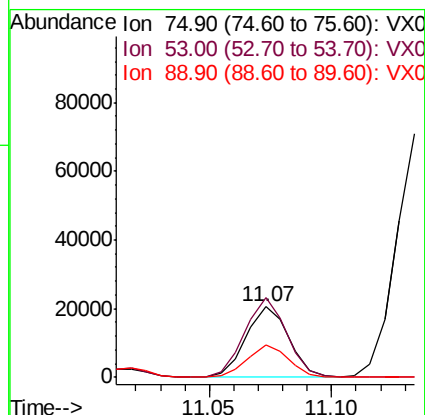
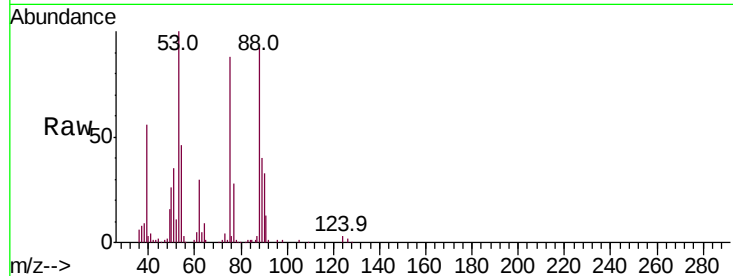
Tot Ion: 75 Resp: 24956

Ion Ratio Lower Upper

75 100

53 111.2 81.0 121.6

89 45.0 41.4 62.0



#82

4-Chlorotoluene

Concen: 19.382 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX007769.D

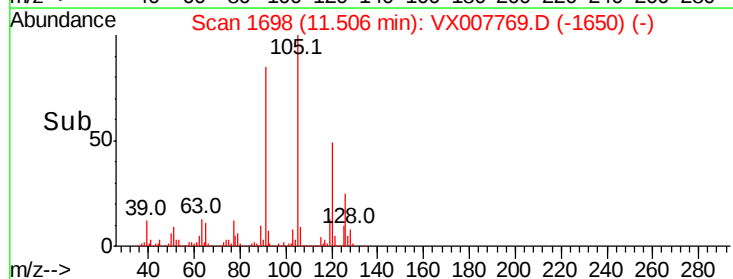
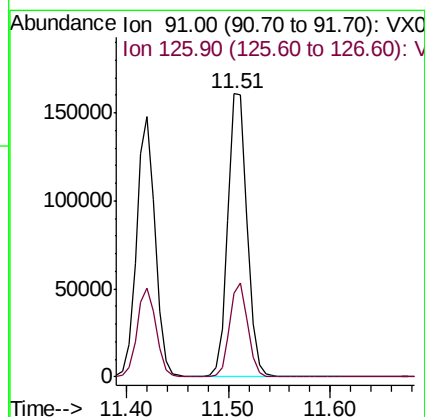
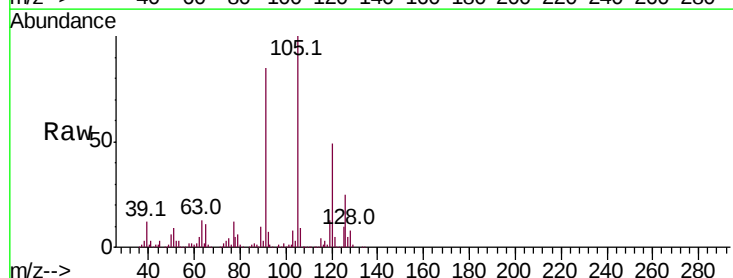
Acq: 28 Feb 2019 16:25

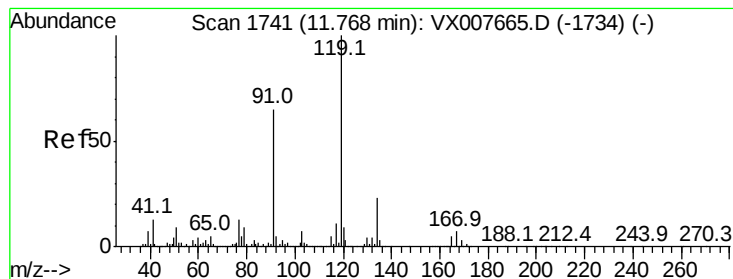
Tgt Ion: 91 Resp: 209954

Ion Ratio Lower Upper

91 100

126 31.2 16.2 48.5





#83

tert-Butylbenzene

Concen: 20.677 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

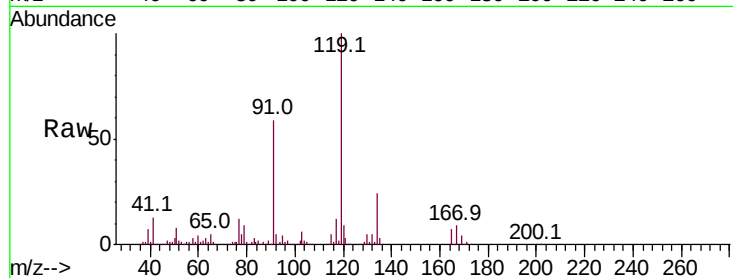
Tot Ion:119 Resp: 222242

Ion Ratio Lower Upper

119 100

91 56.7 28.5 85.6

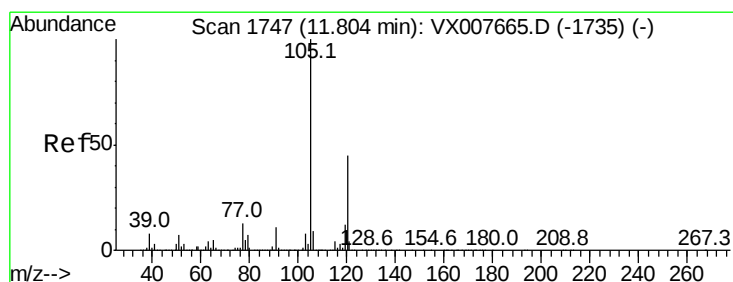
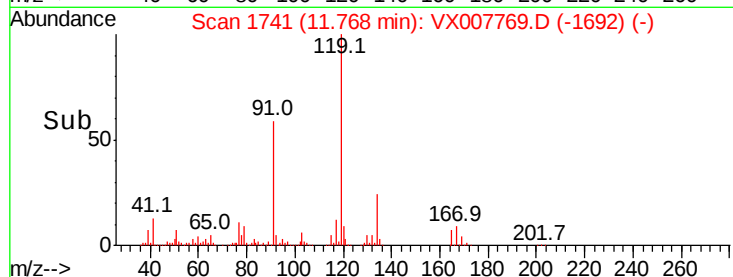
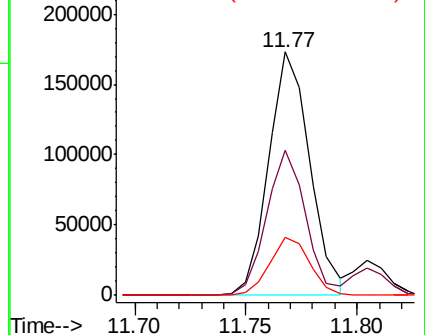
134 23.5 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.242 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007769.D

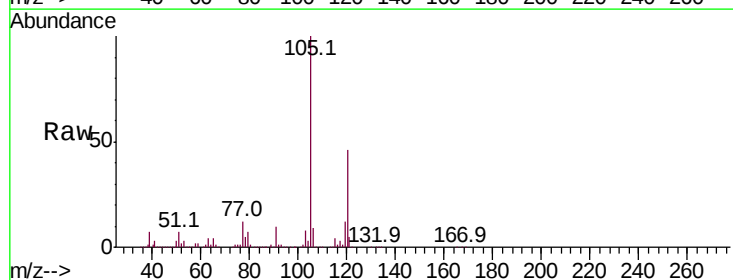
Acq: 28 Feb 2019 16:25

Tgt Ion:105 Resp: 231780

Ion Ratio Lower Upper

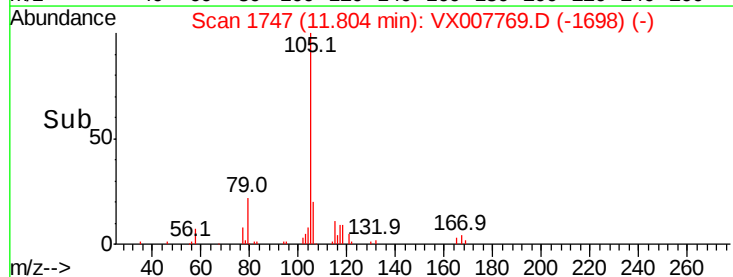
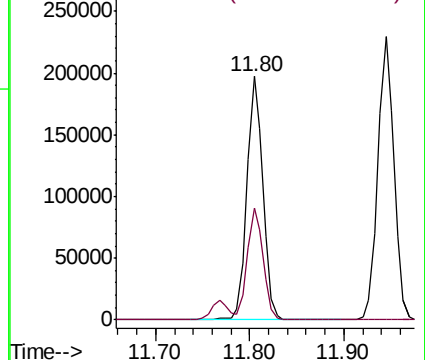
105 100

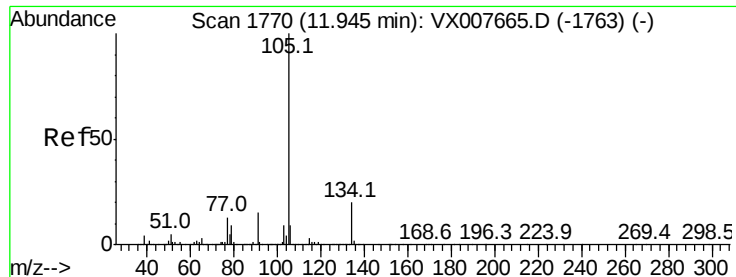
120 45.3 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.141 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

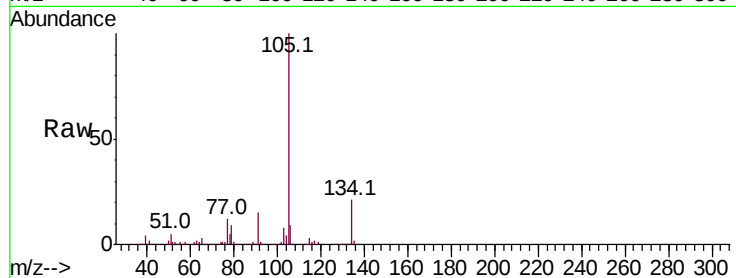
VX0228WBSD01

Tot Ion:105 Resp: 271273

Ion Ratio Lower Upper

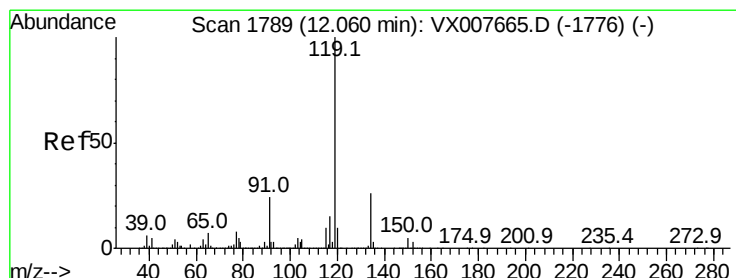
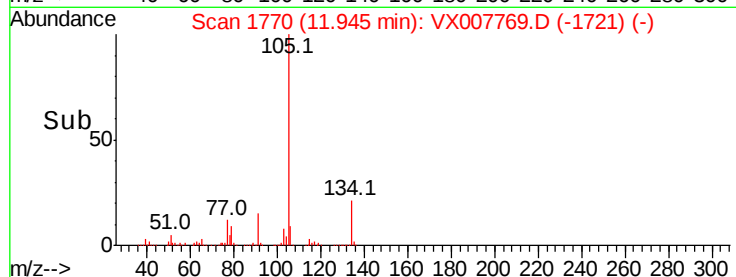
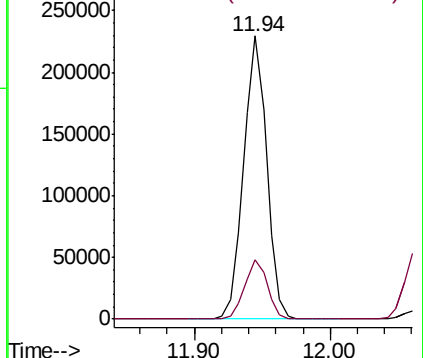
105 100

134 20.9 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.454 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

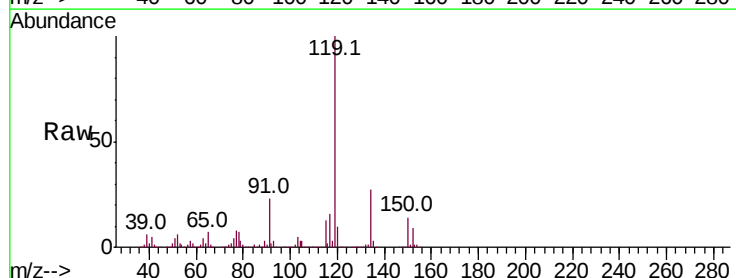
Tgt Ion:119 Resp: 241263

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

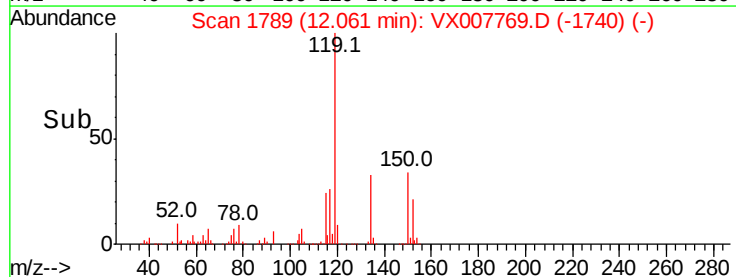
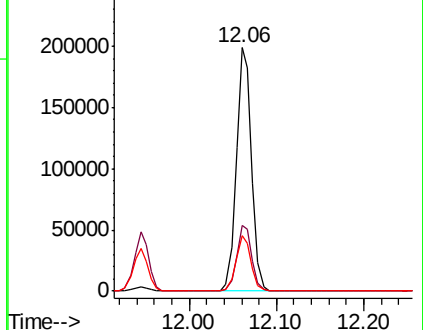
91 22.5 11.2 33.5

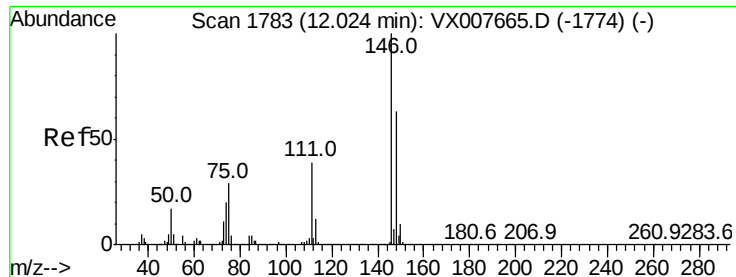


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 20.150 ug/l

RT: 12.02 min Scan# 1783

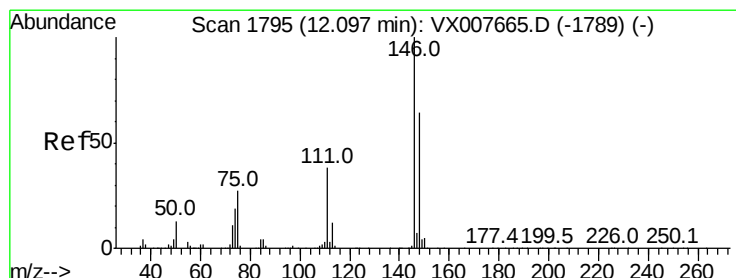
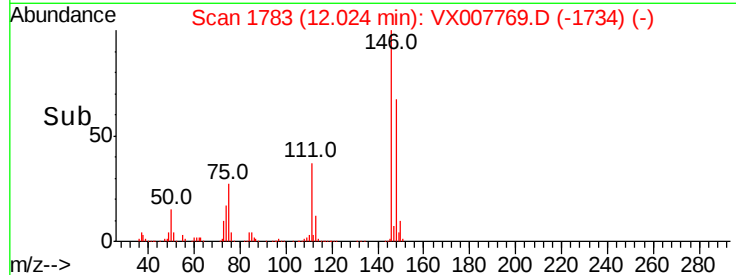
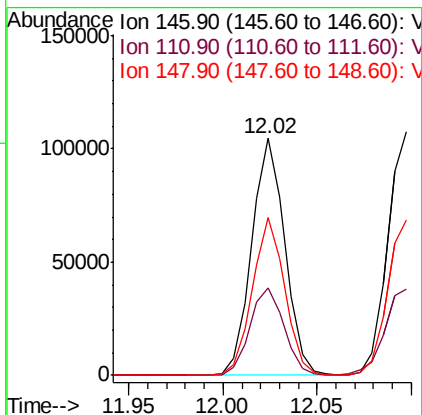
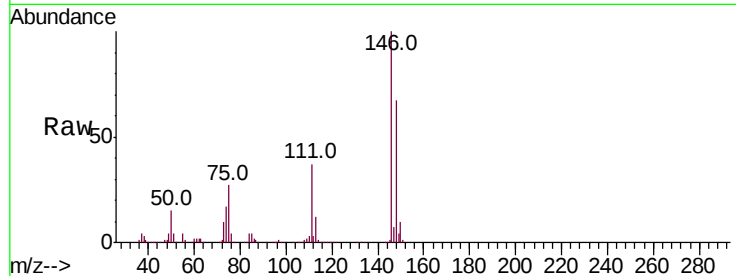
Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	65.0	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 19.876 ug/l

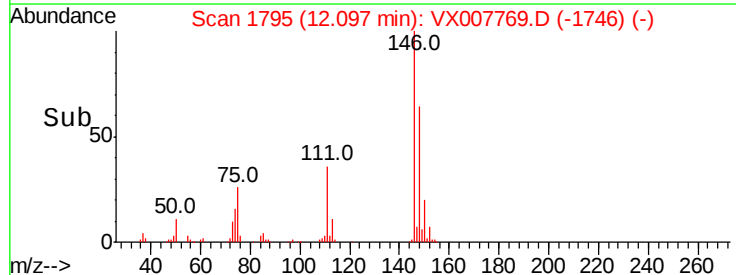
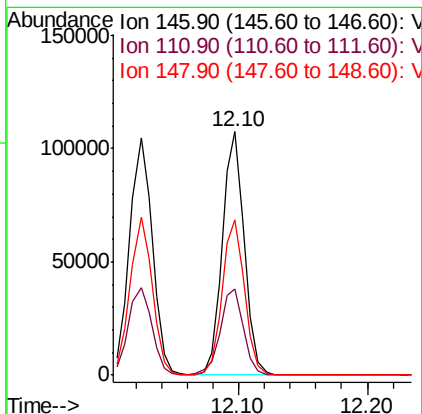
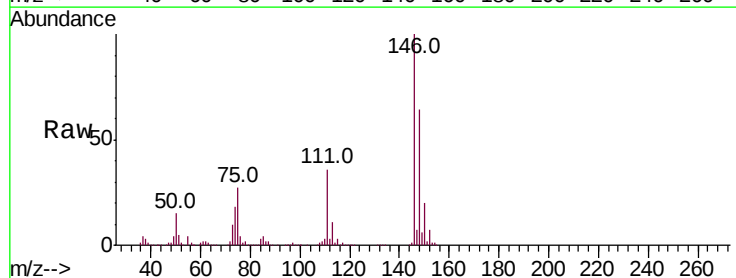
RT: 12.10 min Scan# 1795

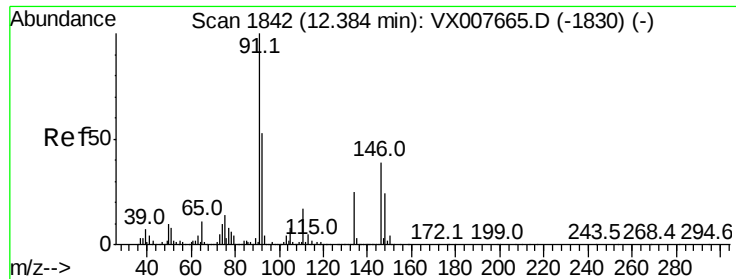
Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	65.1	32.3	96.9





#89

n-Butylbenzene

Concen: 18.948 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

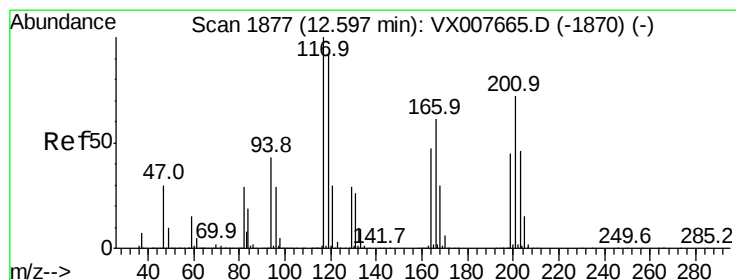
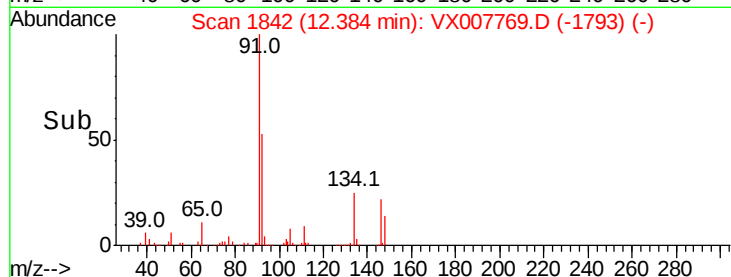
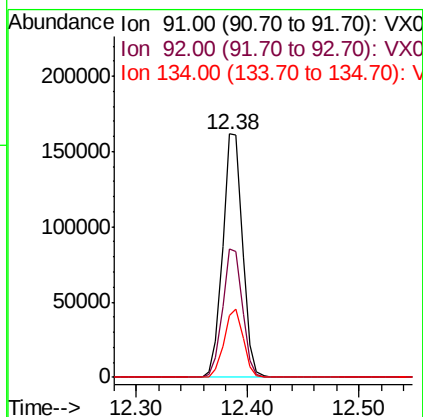
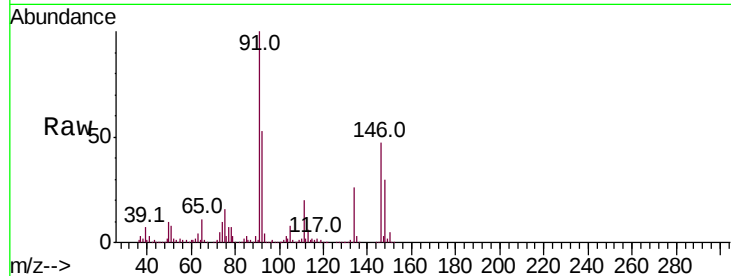
Tot Ion: 91 Resp: 199320

Ion Ratio Lower Upper

91 100

92 52.8 26.3 78.9

134 27.0 13.9 41.6



#90

Hexachloroethane

Concen: 18.945 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007769.D

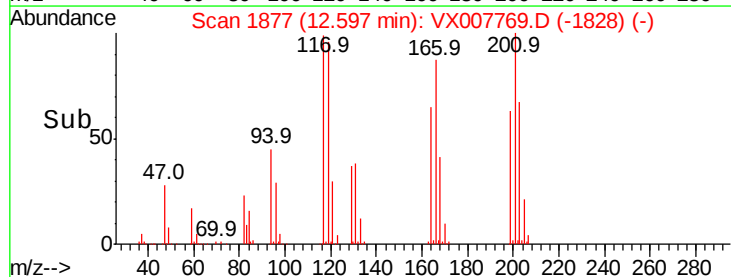
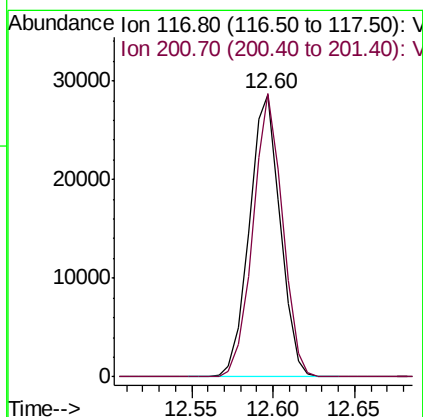
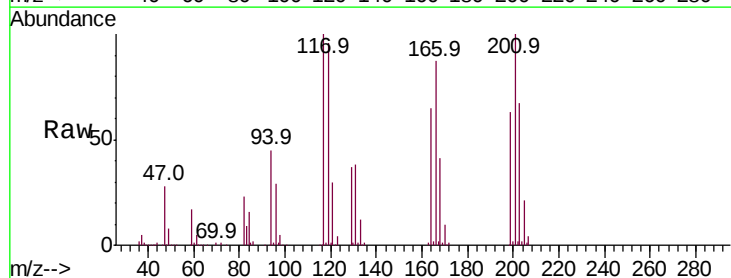
Acq: 28 Feb 2019 16:25

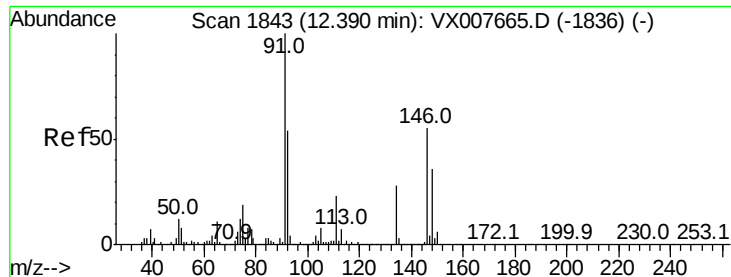
Tgt Ion: 117 Resp: 37652

Ion Ratio Lower Upper

117 100

201 95.9 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 20.414 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

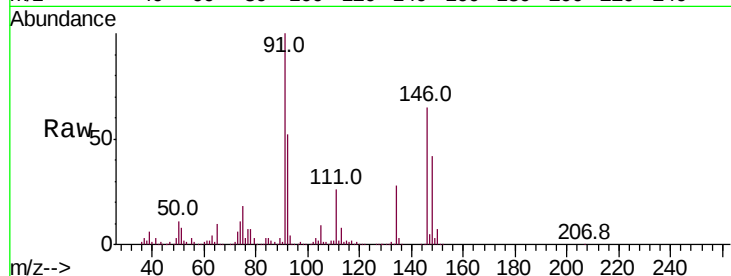
Tot Ion:146 Resp: 129324

Ion Ratio Lower Upper

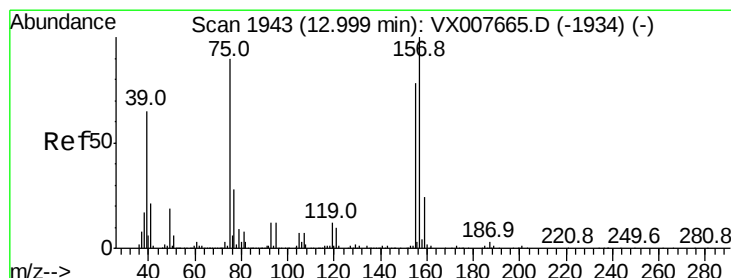
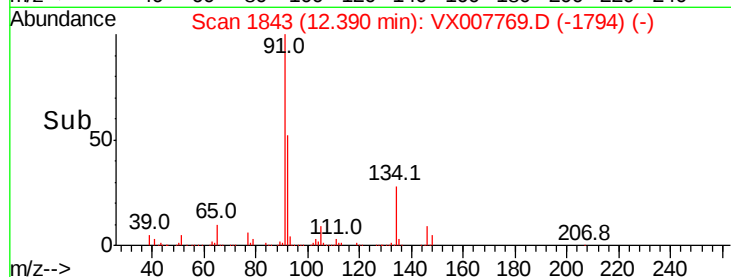
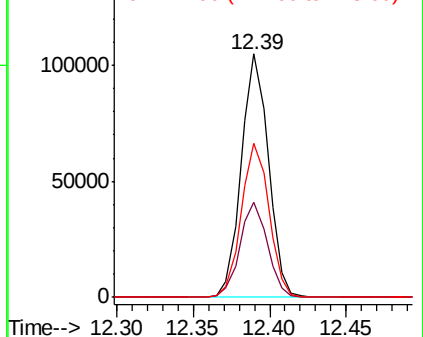
146 100

111 39.6 19.1 57.3

148 64.6 32.1 96.3



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: 18.941 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

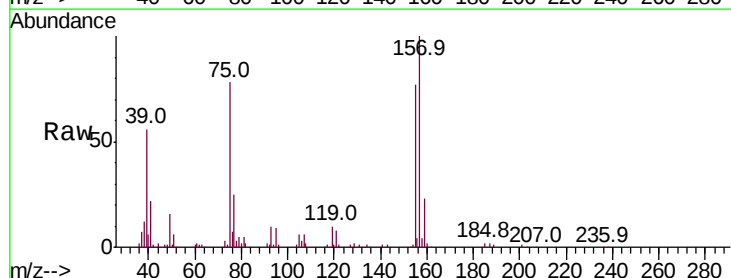
Tgt Ion: 75 Resp: 19426

Ion Ratio Lower Upper

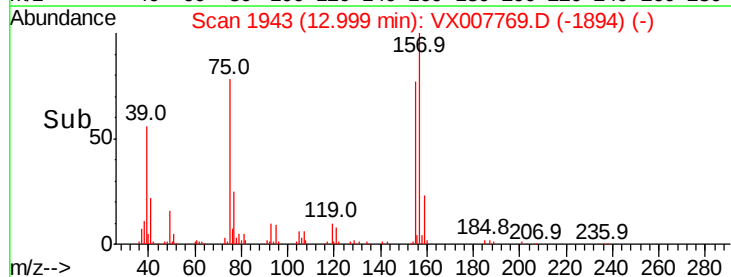
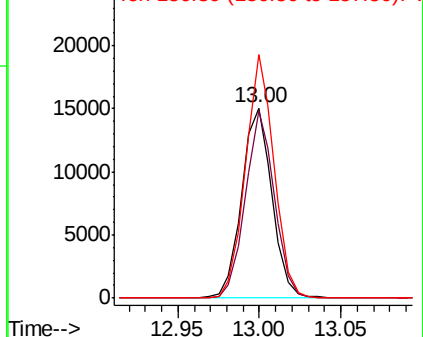
75 100

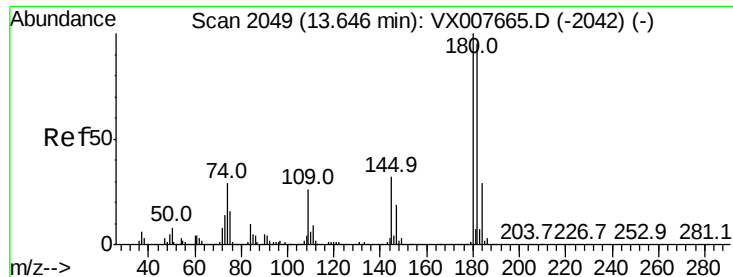
155 94.5 49.6 149.0

157 121.0 65.1 195.3



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

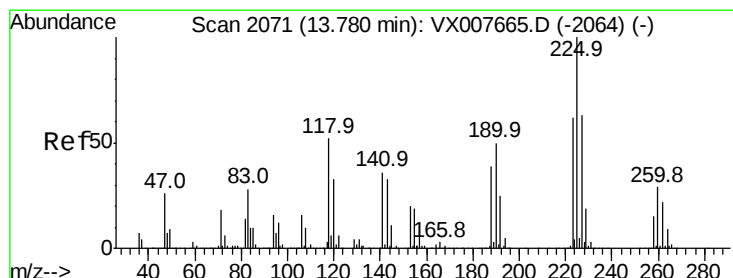
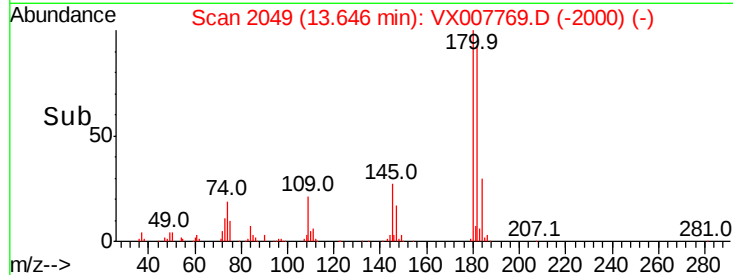
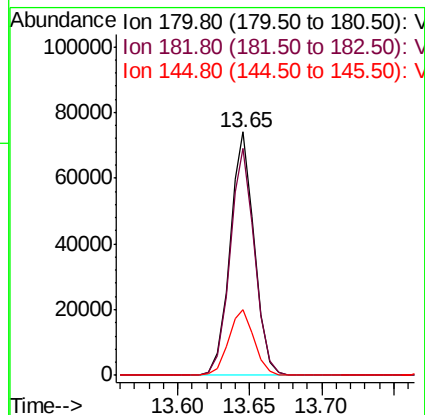
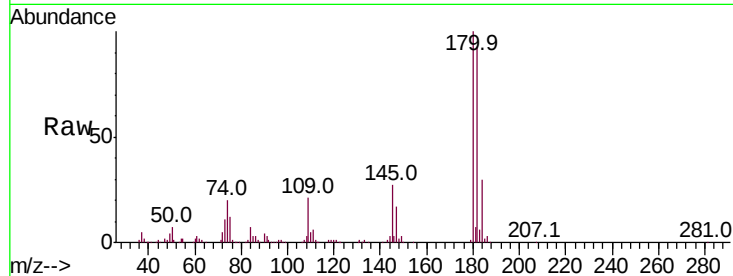




#93
 1,2,4-Trichlorobenzene
 Concen: 22.603 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

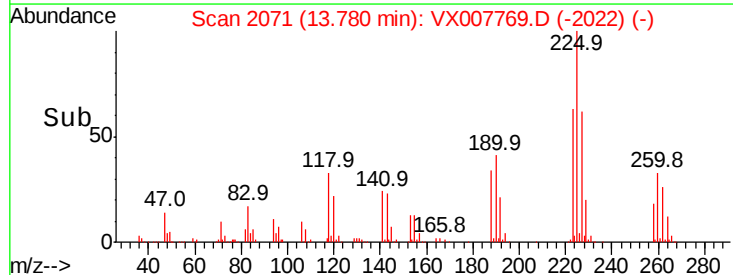
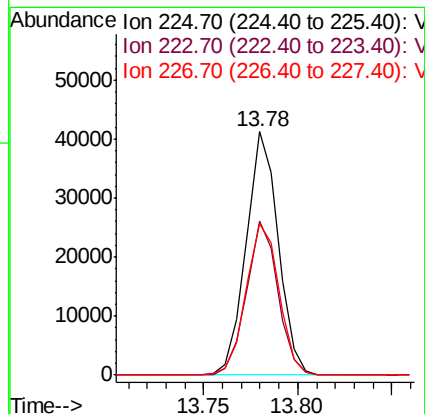
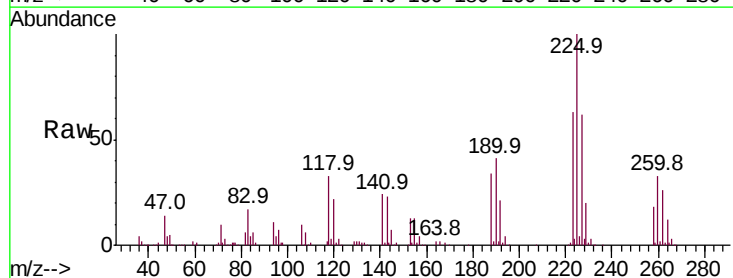
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

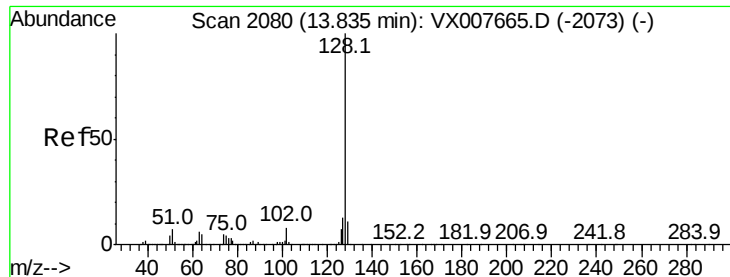
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.3
145	28.1	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 27.491 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007769.D
 Acq: 28 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.6	94.8
227	63.9	32.1	96.3





#95

Naphthalene

Concen: 20.447 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

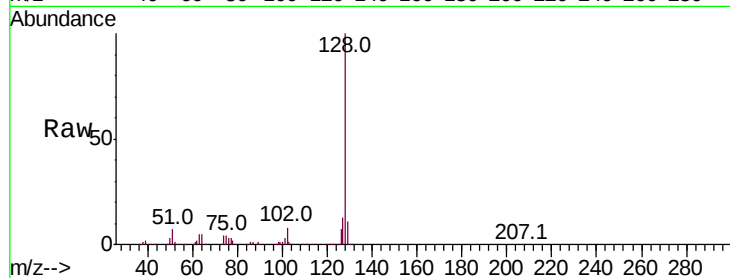
Tot Ion:128 Resp: 256170

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

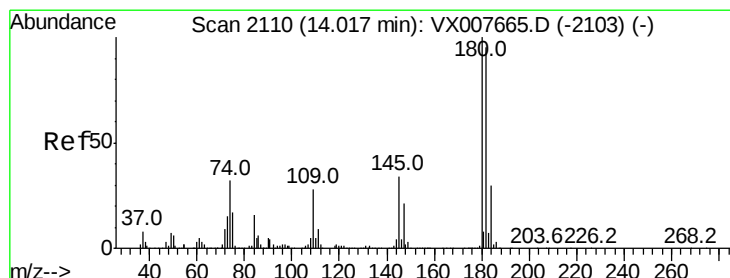
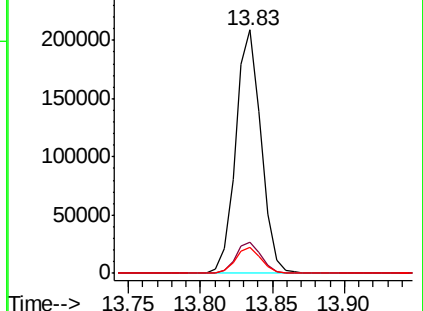
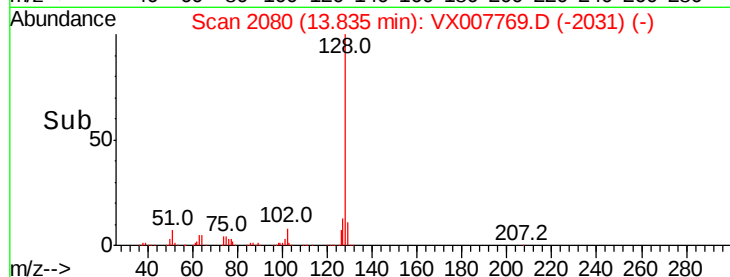
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.947 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007769.D

Acq: 28 Feb 2019 16:25

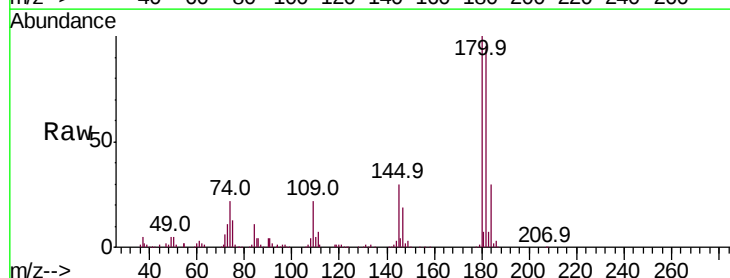
Tgt Ion:180 Resp: 89100

Ion Ratio Lower Upper

180 100

182 95.0 47.5 142.6

145 29.1 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

