

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002955.D
 Acq On : 28 Jun 2018 00:27
 Operator : JC/MD
 Sample : VX0627WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Quant Time: Jun 28 06:02:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	366144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215349	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	184482	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	5.51	113	147090	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	8.72	98	536561	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.14	95	200528	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	62566	26.43	ug/l	100
3) Chloromethane	1.32	50	61506	24.55	ug/l	99
4) Vinyl Chloride	1.40	62	66256	22.22	ug/l	98
5) Bromomethane	1.64	94	31698	21.20	ug/l	98
6) Chloroethane	1.72	64	40613	22.03	ug/l	98
7) Trichlorofluoromethane	1.93	101	104244	20.72	ug/l	99
8) Diethyl Ether	2.19	74	37524	20.52	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59024	20.25	ug/l	99
10) Methyl Iodide	2.51	142	58783	23.64	ug/l	99
11) Tert butyl alcohol	3.07	59	77050	106.12	ug/l	100
12) 1,1-Dichloroethene	2.37	96	54210	20.85	ug/l	96
13) Acrolein	2.29	56	45768	116.01	ug/l	99
14) Allyl chloride	2.73	41	103037	20.10	ug/l	97
15) Acrylonitrile	3.15	53	162097	104.52	ug/l	99
16) Acetone	2.45	43	150734	99.87	ug/l	97
17) Carbon Disulfide	2.57	76	145666	21.02	ug/l	99
18) Methyl Acetate	2.78	43	76854	18.21	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	189388	20.26	ug/l	99
20) Methylene Chloride	2.86	84	61496	20.94	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	57578	20.33	ug/l	94
22) Diisopropyl ether	3.87	45	202135	20.63	ug/l	94
23) Vinyl Acetate	3.83	43	874004	105.34	ug/l	100
24) 1,1-Dichloroethane	3.70	63	109389	20.54	ug/l	99
25) 2-Butanone	4.71	43	233291	104.15	ug/l	99
26) 2,2-Dichloropropane	4.59	77	65723	15.18	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	64157	20.20	ug/l	97
28) Bromochloromethane	5.03	49	51476	20.19	ug/l	96
29) Tetrahydrofuran	5.17	42	150338	104.66	ug/l	98
30) Chloroform	5.22	83	112043	20.50	ug/l	99
31) Cyclohexane	5.57	56	95152	20.82	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	98484	20.48	ug/l	99
36) 1,1-Dichloropropene	5.81	75	80954	20.16	ug/l	98
37) Ethyl Acetate	4.87	43	91003	21.05	ug/l	98
38) Carbon Tetrachloride	5.79	117	88028	19.98	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Quant Time: Jun 28 06:02:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	93080	19.90	ug/l	100
40) Benzene	6.15	78	241256	20.68	ug/l	99
41) Methacrylonitrile	5.07	41	50439	20.26	ug/l	98
42) 1,2-Dichloroethane	6.20	62	94860	20.13	ug/l	99
43) Isopropyl Acetate	6.47	43	143140	19.74	ug/l	99
44) Trichloroethene	7.22	130	70331	20.22	ug/l	98
45) 1,2-Dichloropropane	7.52	63	63310	20.46	ug/l	99
46) Dibromomethane	7.67	93	43388	20.20	ug/l	97
47) Bromodichloromethane	7.90	83	78246	19.71	ug/l	98
48) Methyl methacrylate	7.78	41	74359	19.90	ug/l	98
49) 1,4-Dioxane	7.76	88	29898	411.34	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	469232	103.44	ug/l	99
52) Toluene	8.79	92	156477	20.94	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	87684	19.50	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	79983	18.49	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	61800	20.12	ug/l	98
56) Ethyl methacrylate	9.18	69	90864	20.24	ug/l	97
57) 1,3-Dichloropropane	9.38	76	102918	20.40	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	222685	102.84	ug/l	98
59) 2-Hexanone	9.50	43	356811	103.49	ug/l	98
60) Dibromochloromethane	9.59	129	61963	19.17	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65795	20.42	ug/l	99
64) Tetrachloroethene	9.34	164	78715	20.22	ug/l	98
65) Chlorobenzene	10.14	112	177914	20.01	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	63695	19.72	ug/l	100
67) Ethyl Benzene	10.26	91	299274	20.37	ug/l	99
68) m/p-Xylenes	10.36	106	230847	40.78	ug/l	100
69) o-Xylene	10.70	106	112015	20.32	ug/l	100
70) Styrene	10.71	104	186648	20.84	ug/l	99
71) Bromoform	10.86	173	47949	19.05	ug/l	# 99
73) Isopropylbenzene	11.02	105	304944	21.05	ug/l	100
74) N-amyl acetate	6.47	43	143140	20.19	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	92536	20.74	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100681	25.81	ug/l	81
77) Bromobenzene	11.26	156	85032	20.61	ug/l	97
78) n-propylbenzene	11.37	91	344304	20.88	ug/l	99
79) 2-Chlorotoluene	11.43	91	206908	20.72	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	258336	21.17	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21096	18.00	ug/l	94
82) 4-Chlorotoluene	11.51	91	243129	20.57	ug/l	100
83) tert-Butylbenzene	11.77	119	250184	20.80	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	265001	20.96	ug/l	99
85) sec-Butylbenzene	11.95	105	304727	20.89	ug/l	99
86) p-Isopropyltoluene	12.07	119	272399	20.77	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	154697	20.53	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	155927	20.11	ug/l	100
89) n-Butylbenzene	12.39	91	224904	19.70	ug/l	99
90) Hexachloroethane	12.60	117	38699	19.84	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	154898	20.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19052	18.99	ug/l	96

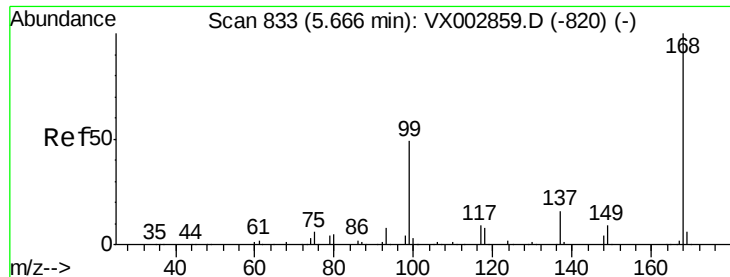
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062718\
Data File : VX002955.D
Acq On : 28 Jun 2018 00:27
Operator : JC/MD
Sample : VX0627WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Quant Time: Jun 28 06:02:50 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	108608	19.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	54439	19.72	ug/l	99
95) Naphthalene	13.84	128	306133	20.77	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112742	20.39	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

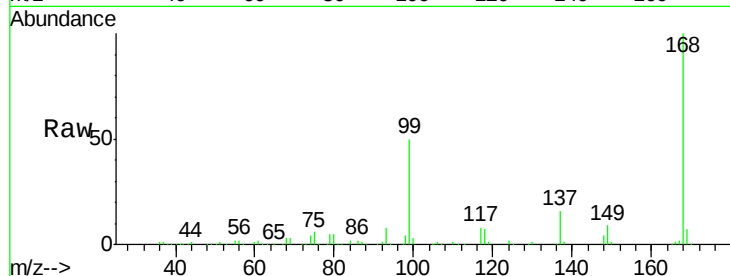
VX0627WBSD02

Tot Ion:168 Resp: 263687

Ion Ratio Lower Upper

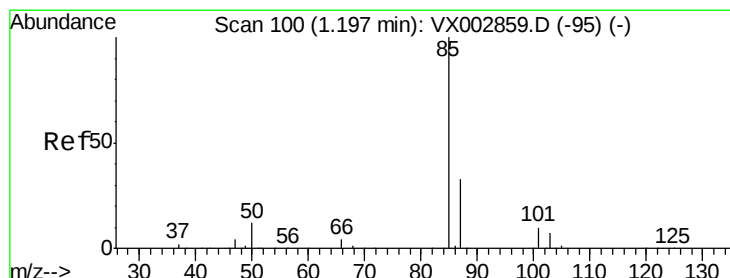
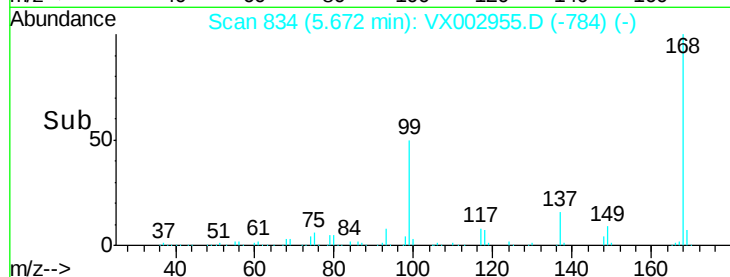
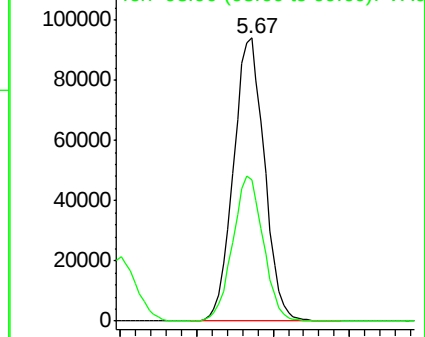
168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 26.43 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002955.D

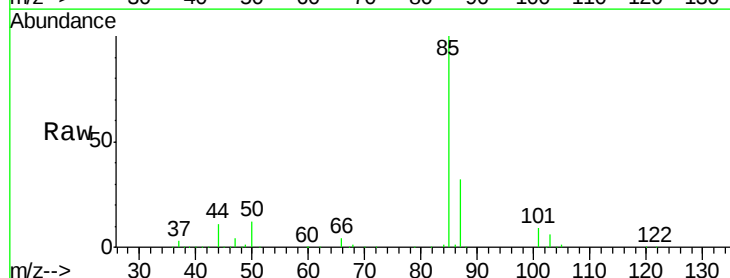
Acq: 28 Jun 2018 00:27

Tgt Ion: 85 Resp: 62566

Ion Ratio Lower Upper

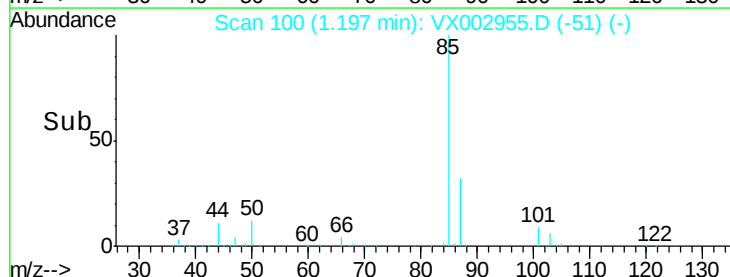
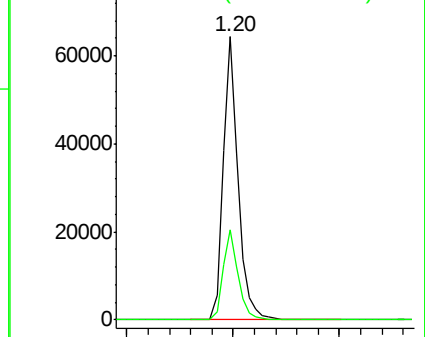
85 100

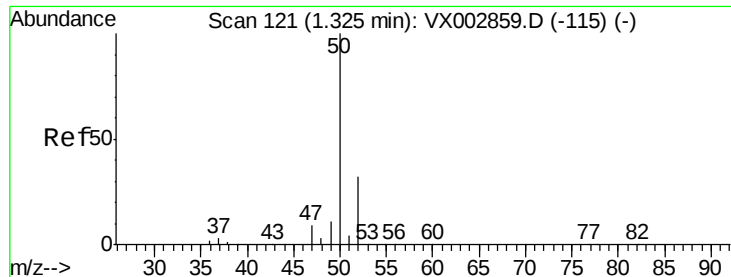
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 24.55 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

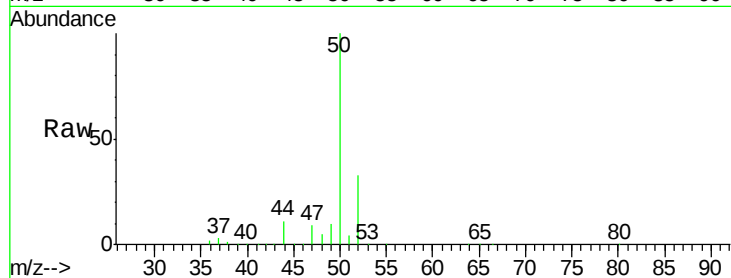
VX0627WBSD02

Tot Ion: 50 Resp: 61506

Ion Ratio Lower Upper

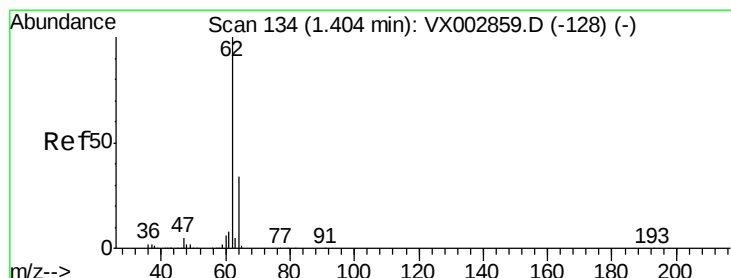
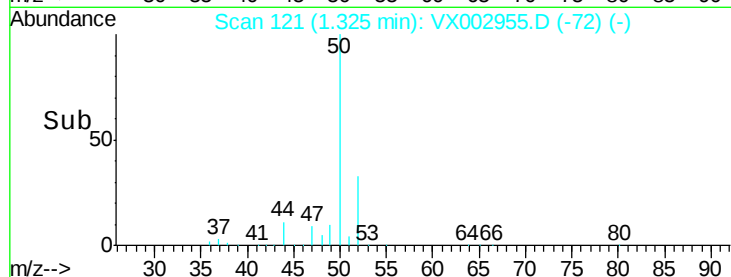
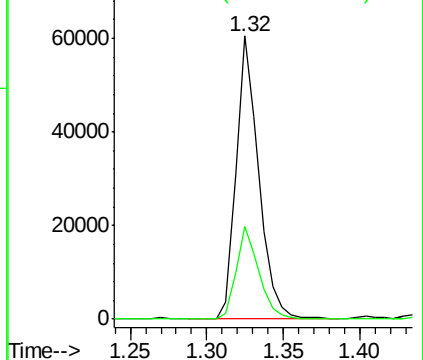
50 100

52 32.7 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.22 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002955.D

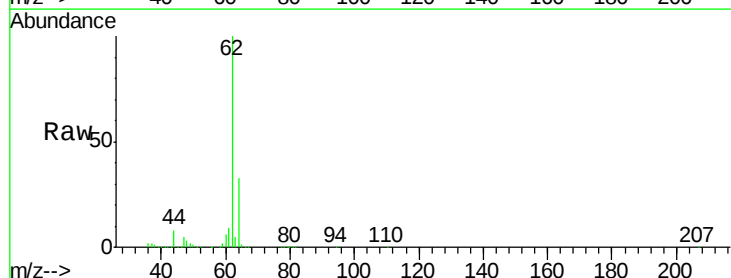
Acq: 28 Jun 2018 00:27

Tgt Ion: 62 Resp: 66256

Ion Ratio Lower Upper

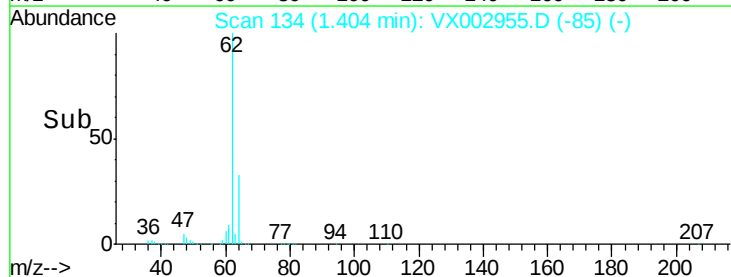
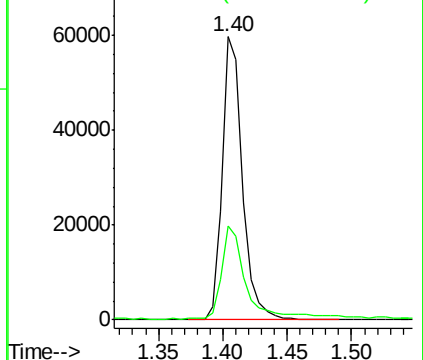
62 100

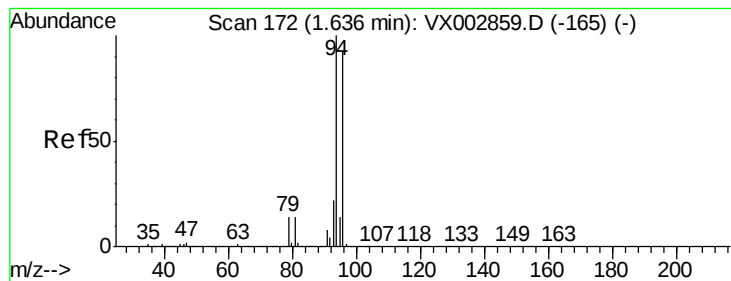
64 32.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.20 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

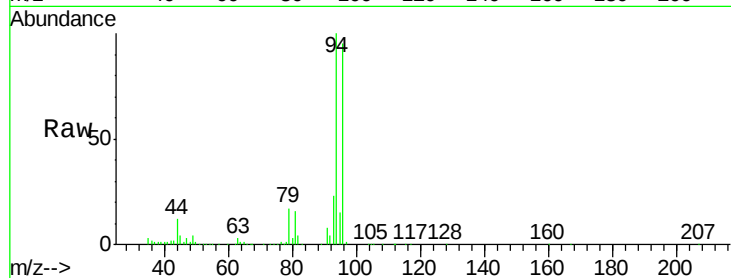
VX0627WBSD02

Tot Ion: 94 Resp: 31698

Ion Ratio Lower Upper

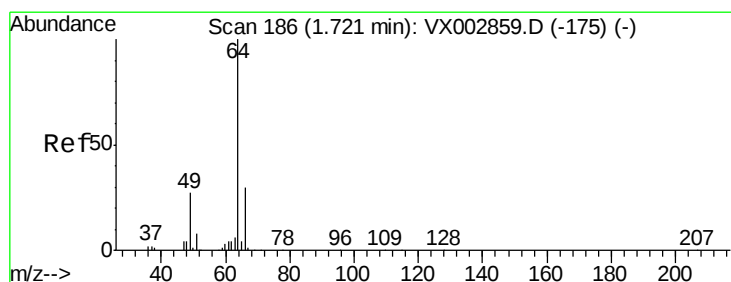
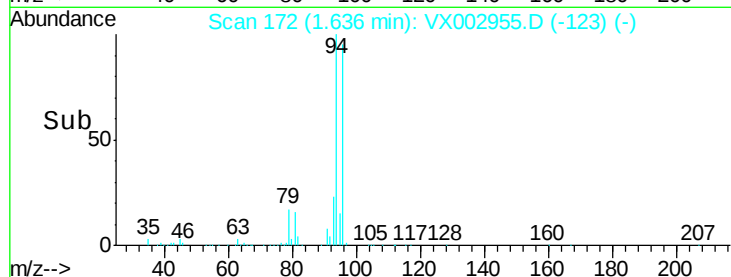
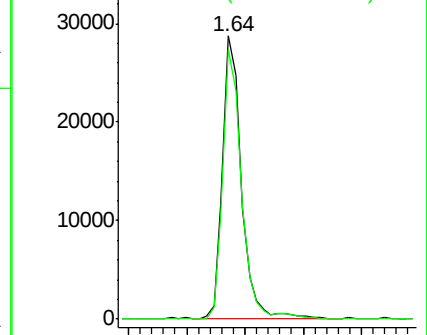
94 100

96 95.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 22.03 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002955.D

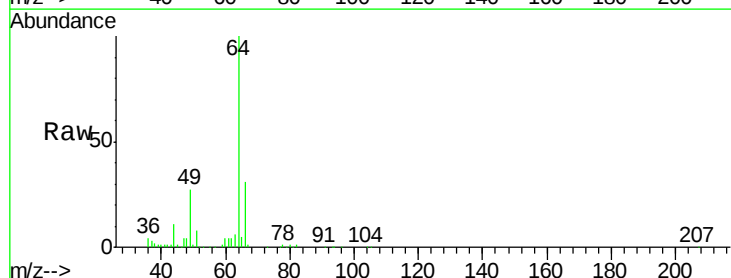
Acq: 28 Jun 2018 00:27

Tgt Ion: 64 Resp: 40613

Ion Ratio Lower Upper

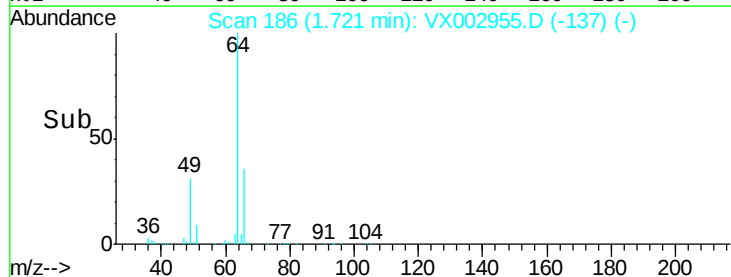
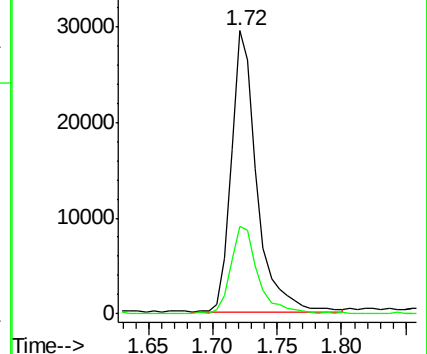
64 100

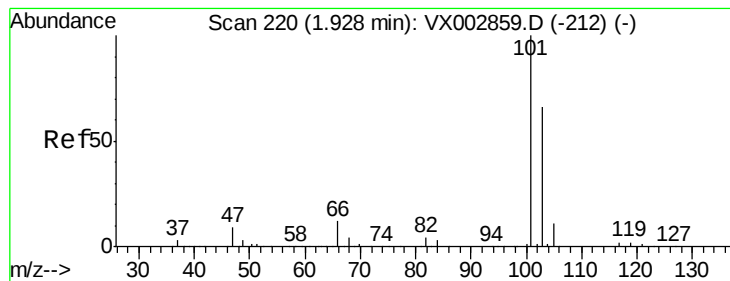
66 30.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



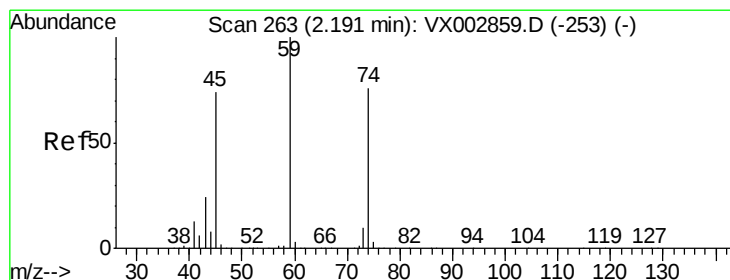
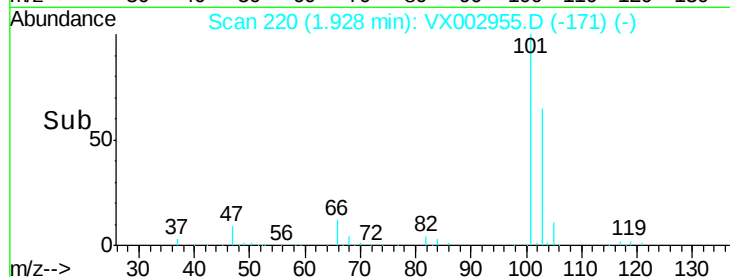
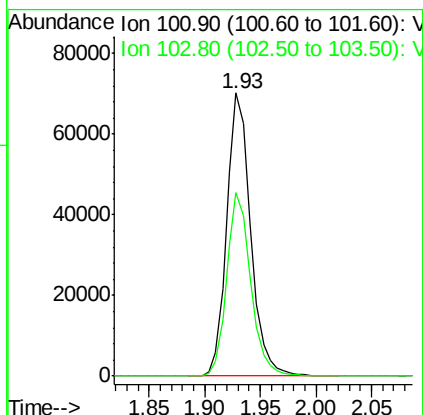
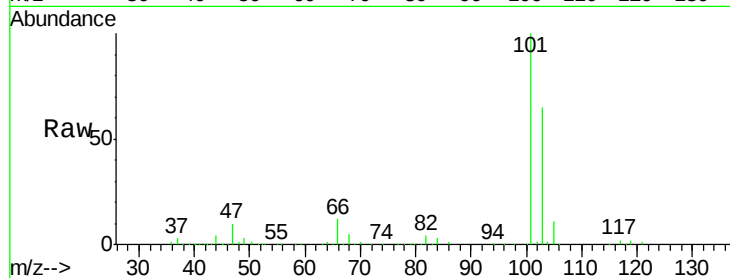


#7

Trichlorofluoromethane
Concen: 20.72 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

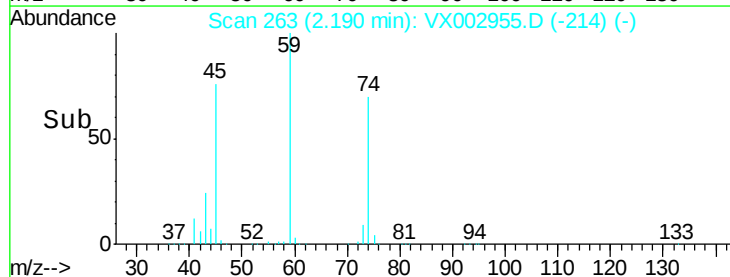
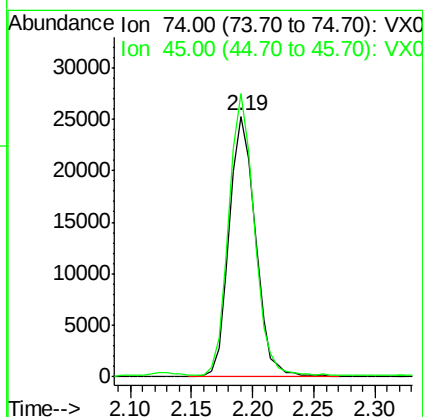
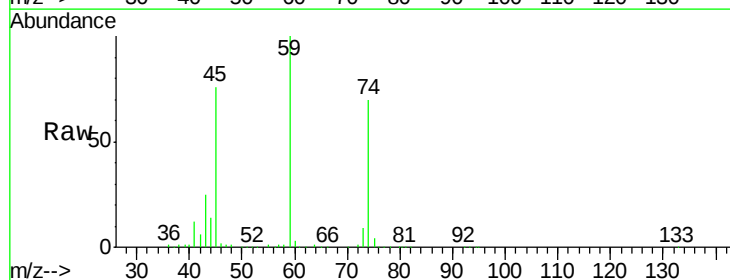
Tot Ion:101 Resp: 104244
Ion Ratio Lower Upper
101 100
103 64.9 52.8 79.2



#8

Diethyl Ether
Concen: 20.52 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion: 74 Resp: 37524
Ion Ratio Lower Upper
74 100
45 104.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.25 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

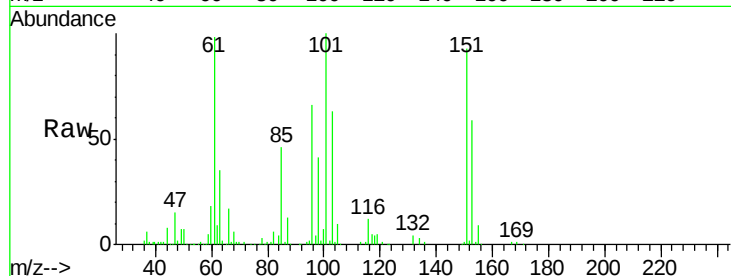
Tot Ion:101 Resp: 59024

Ion Ratio Lower Upper

101 100

85 44.9 36.0 54.0

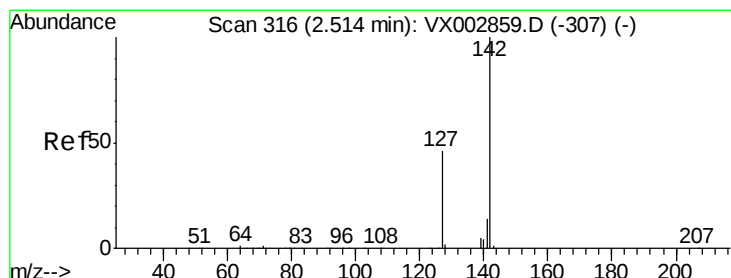
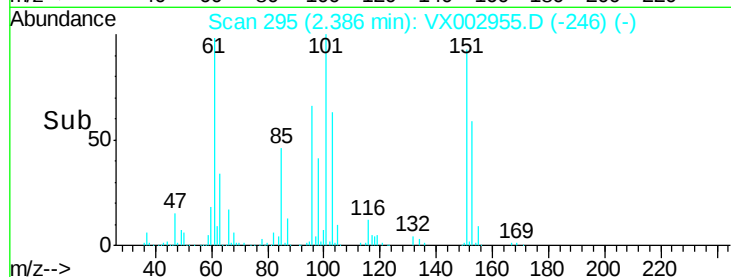
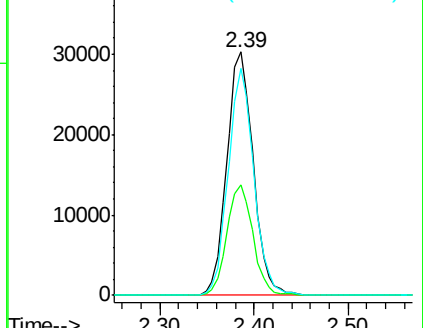
151 90.5 70.9 106.3



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: 23.64 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

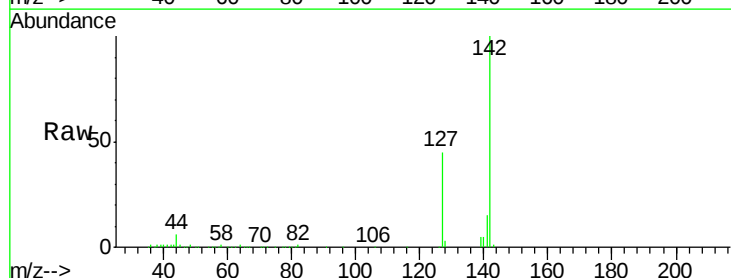
Tgt Ion:142 Resp: 58783

Ion Ratio Lower Upper

142 100

127 44.9 36.6 55.0

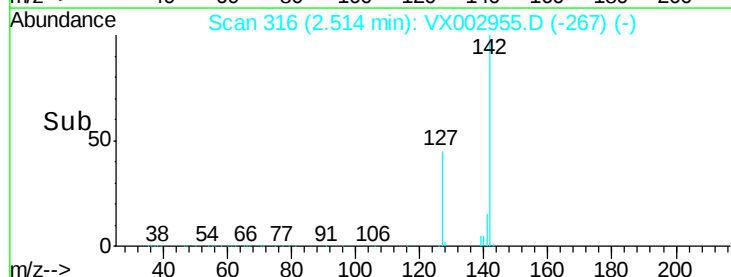
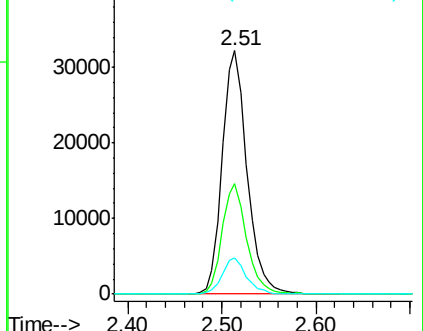
141 14.5 11.3 16.9

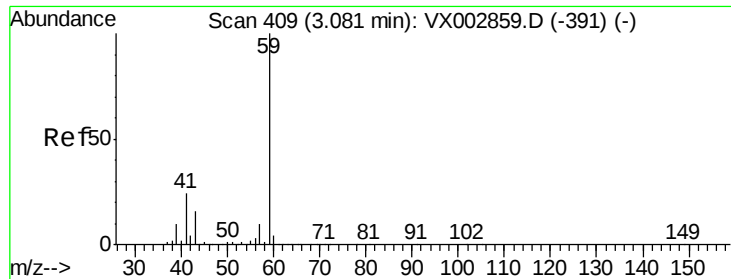


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

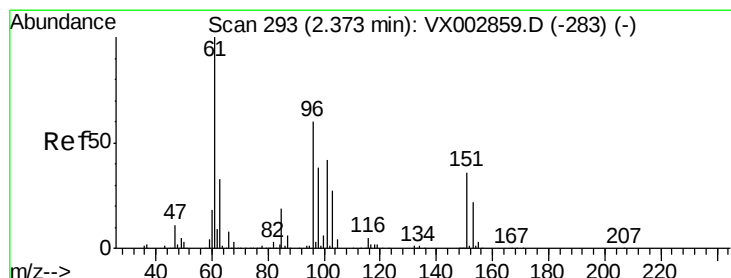
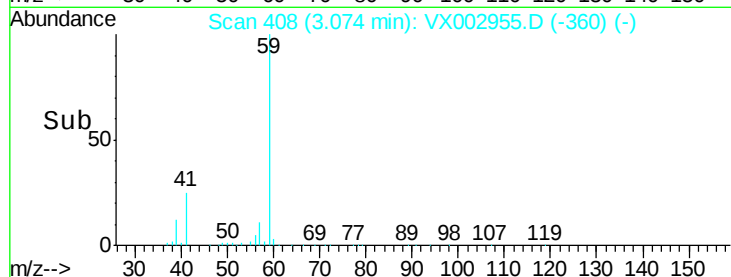
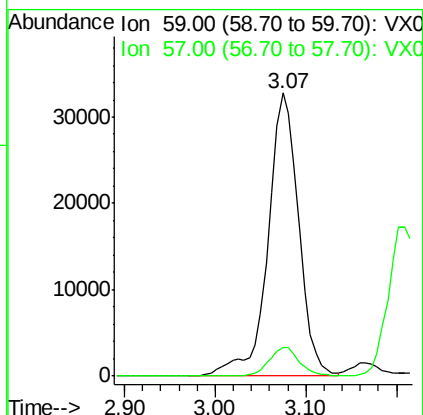
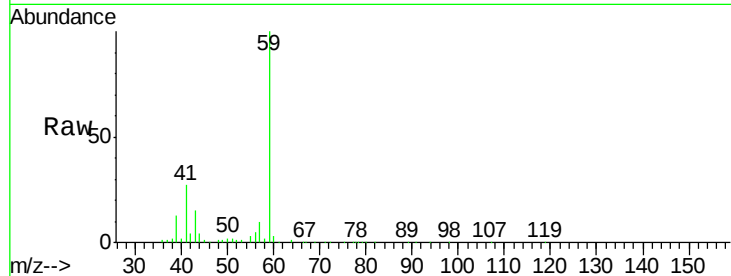




#11
Tert butyl alcohol
Concen: 106.12 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

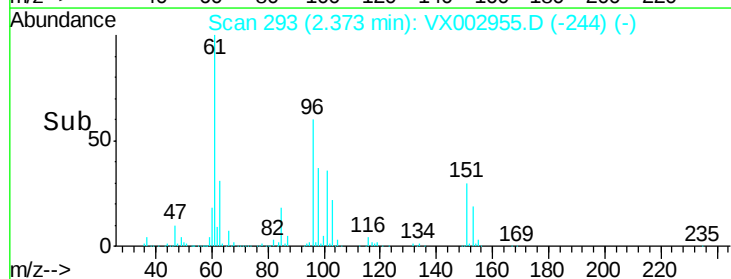
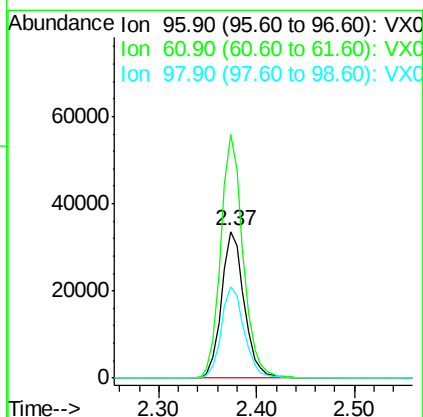
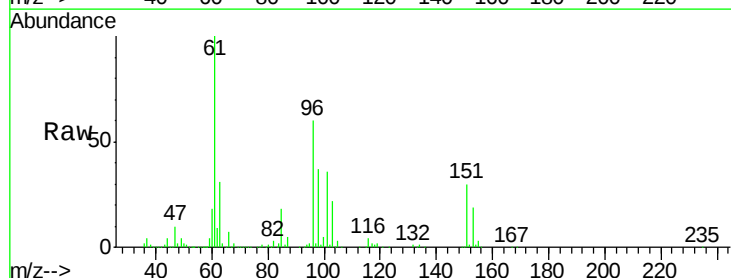
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion: 59 Resp: 77050
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.85 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion: 96 Resp: 54210
Ion Ratio Lower Upper
96 100
61 166.0 137.9 206.9
98 62.3 51.6 77.4





#13

Acrolein

Concen: 116.01 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

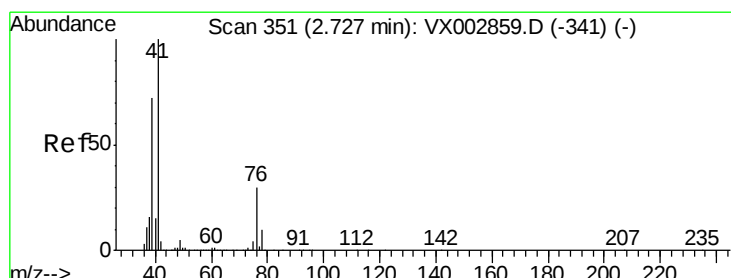
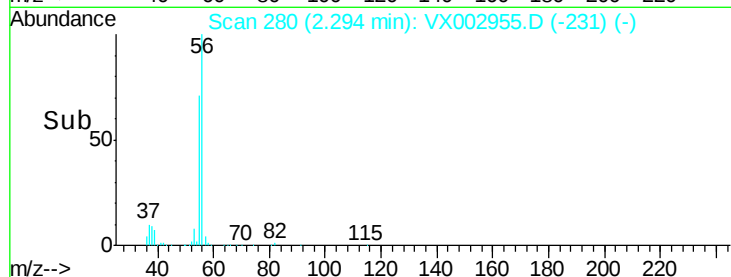
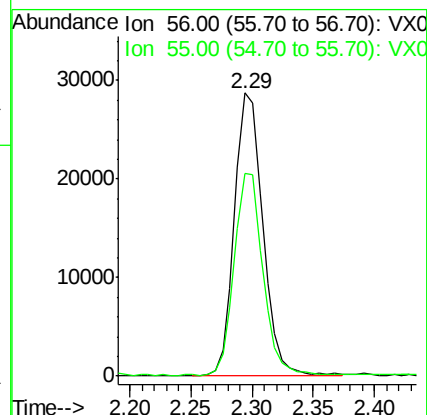
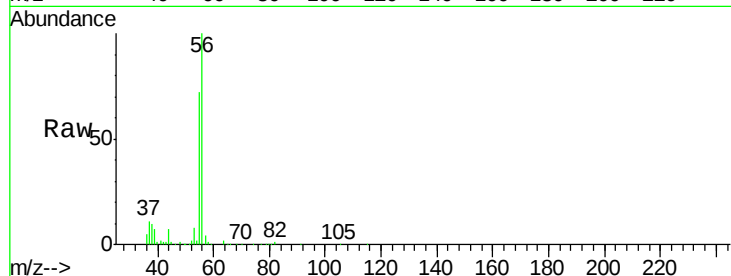
VX0627WBSD02

Tot Ion: 56 Resp: 45768

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.4



#14

Allyl chloride

Concen: 20.10 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

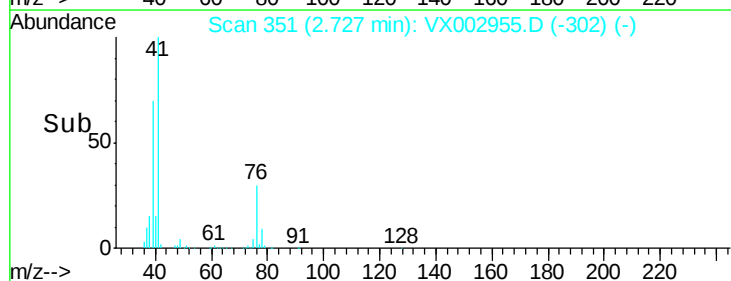
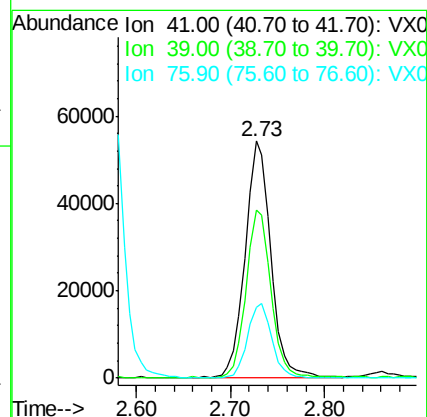
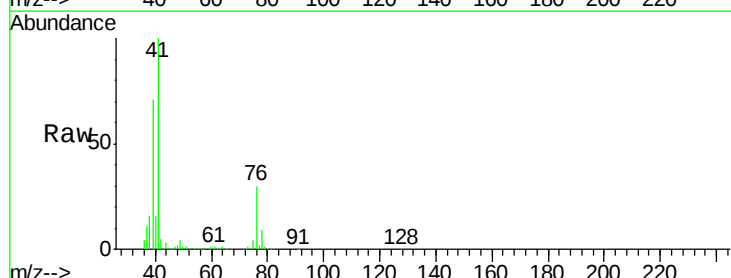
Tgt Ion: 41 Resp: 103037

Ion Ratio Lower Upper

41 100

39 68.2 56.8 85.2

76 30.3 23.8 35.8





#15

Acrylonitrile

Concen: 104.52 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleID :

VX0627WBSD02

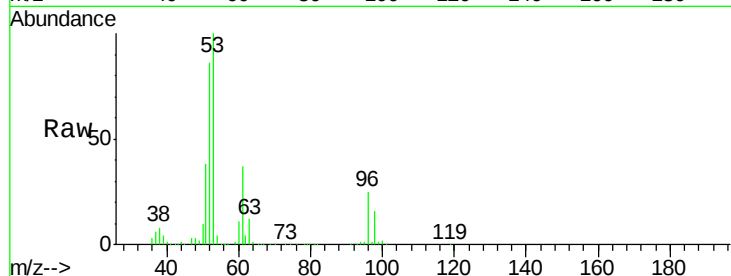
Tot Ion: 53 Resp: 162097

Ion Ratio Lower Upper

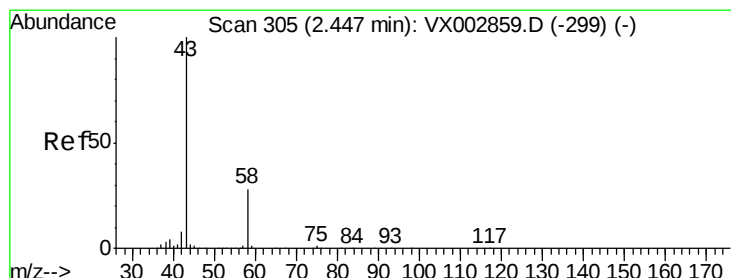
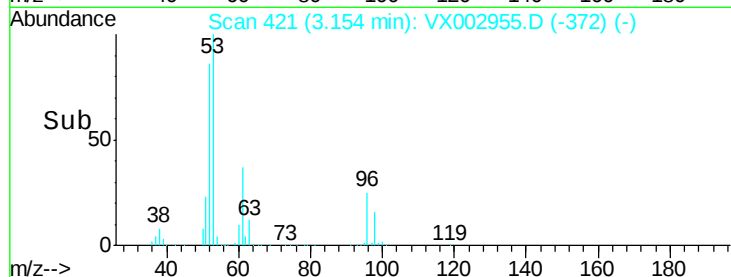
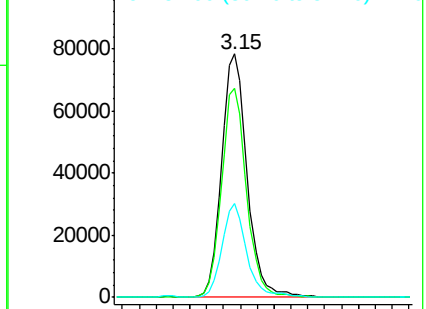
53 100

52 84.1 66.7 100.1

51 37.0 29.9 44.9



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: 99.87 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX002955.D

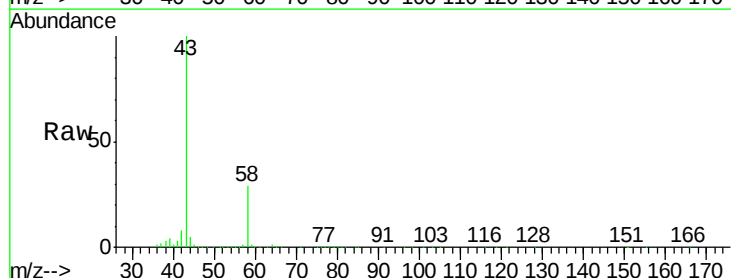
Acq: 28 Jun 2018 00:27

Tgt Ion: 43 Resp: 150734

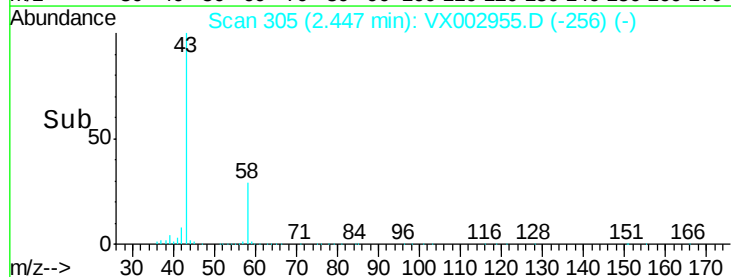
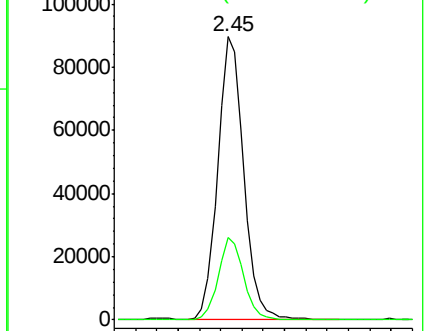
Ion Ratio Lower Upper

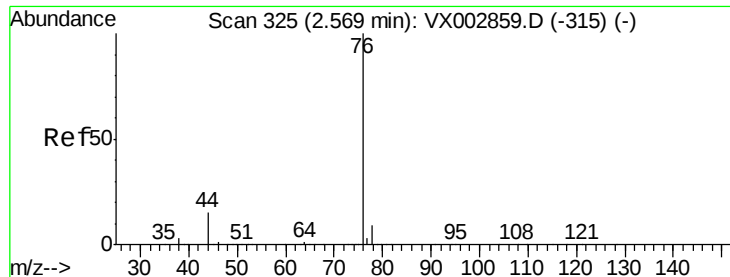
43 100

58 29.0 22.1 33.1



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

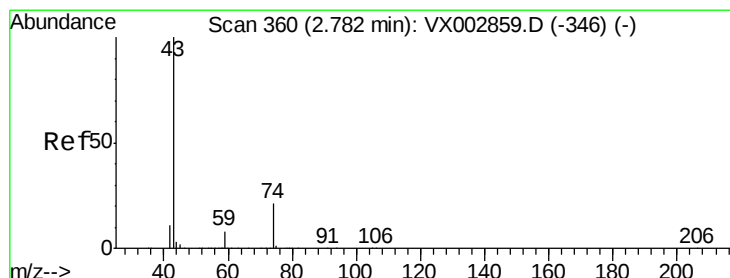
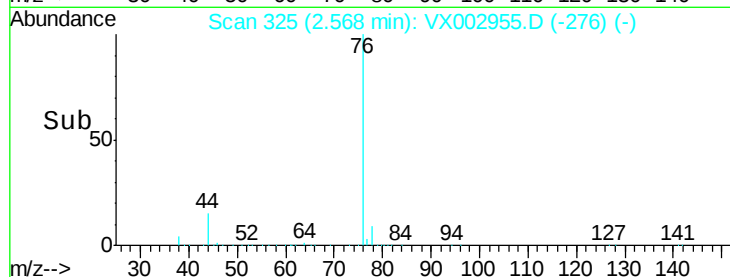
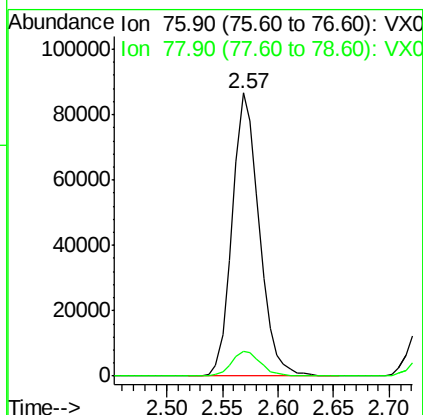
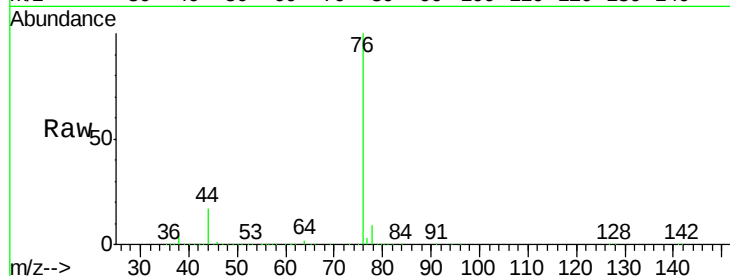




#17
Carbon Disulfide
Concen: 21.02 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

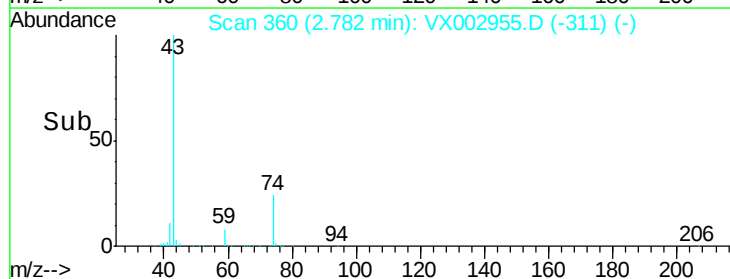
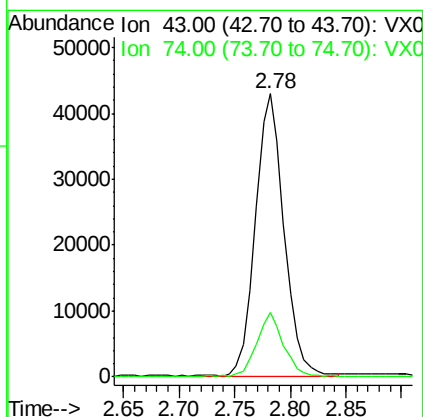
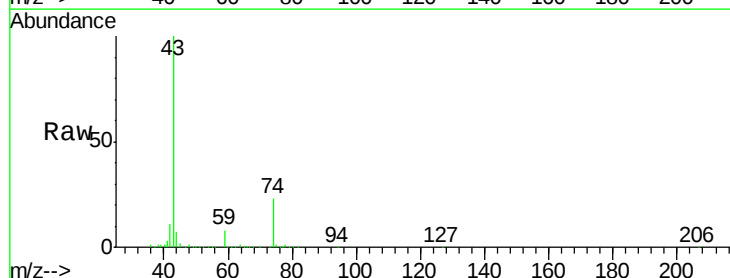
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

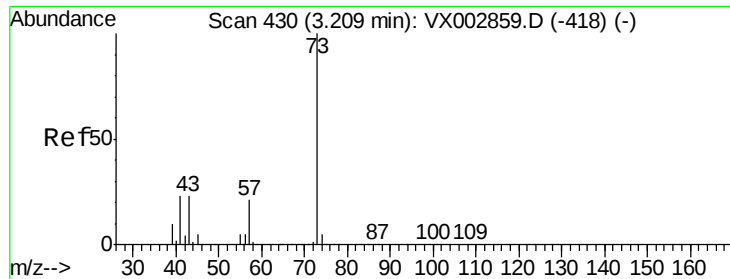
Tot Ion: 76 Resp: 145666
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 18.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion: 43 Resp: 76854
Ion Ratio Lower Upper
43 100
74 22.0 16.7 25.1

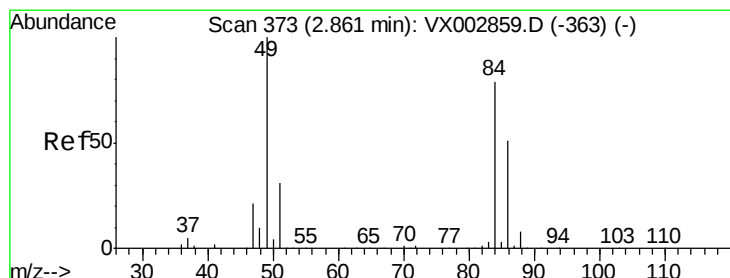
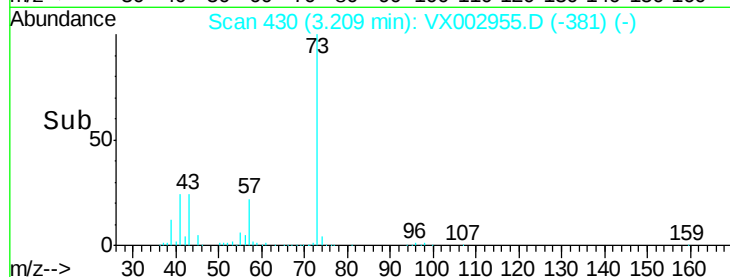
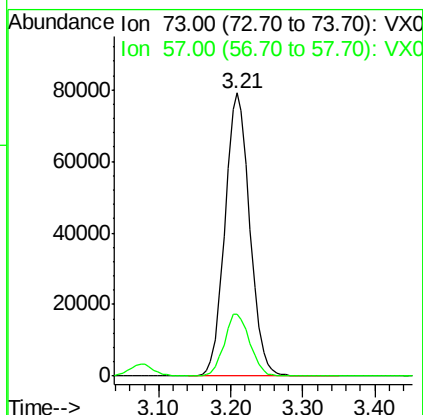
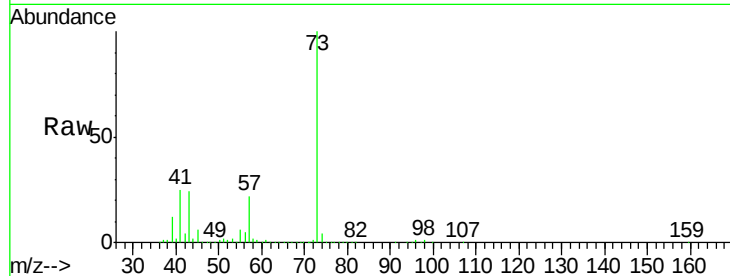




#19
Methvl tert-butvl Ether
Concen: 20.26 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

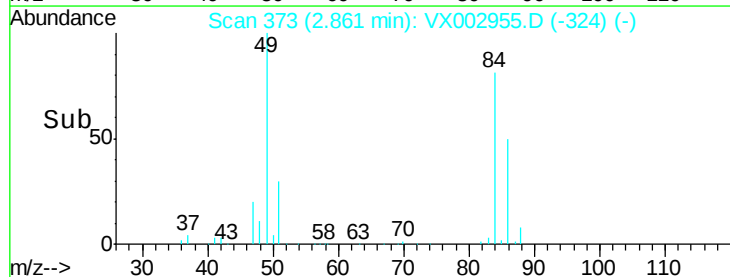
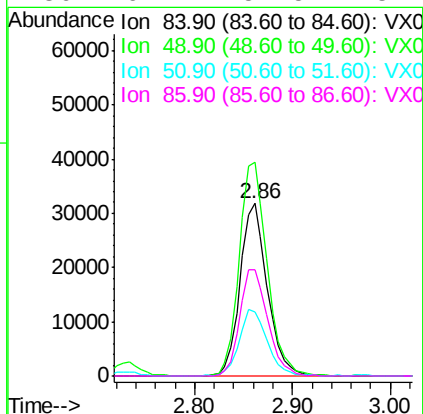
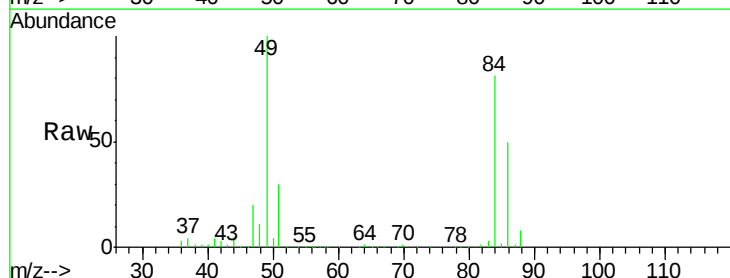
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion: 73 Resp: 189388
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 20.94 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion: 84 Resp: 61496
Ion Ratio Lower Upper
84 100
49 123.4 107.8 161.6
51 37.2 32.8 49.2
86 61.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.33 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

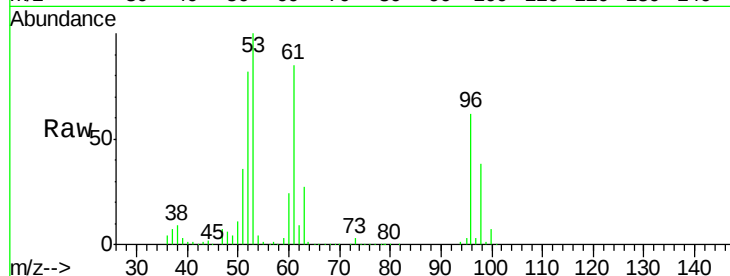
Tot Ion: 96 Resp: 57578

Ion Ratio Lower Upper

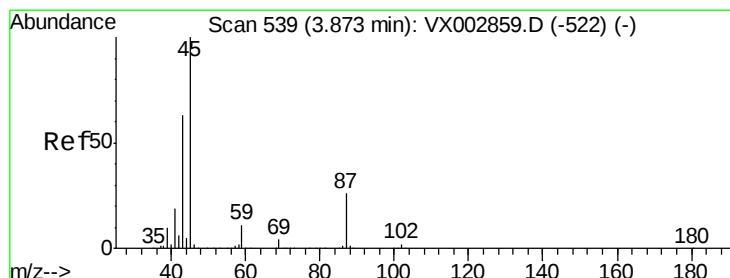
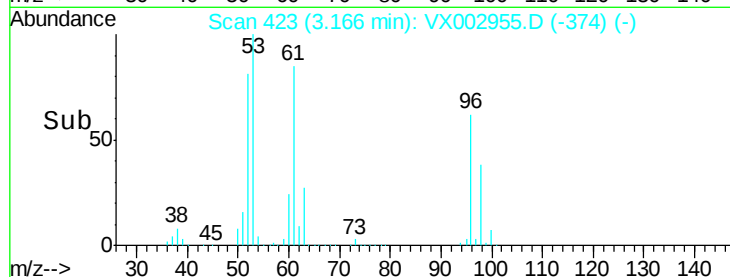
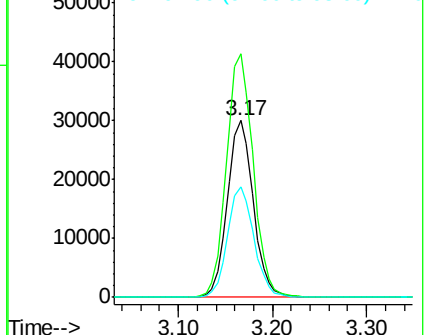
96 100

61 137.6 117.0 175.4

98 62.2 52.4 78.6



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



#22

Diisopropyl ether

Concen: 20.63 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Tgt Ion: 45 Resp: 202135

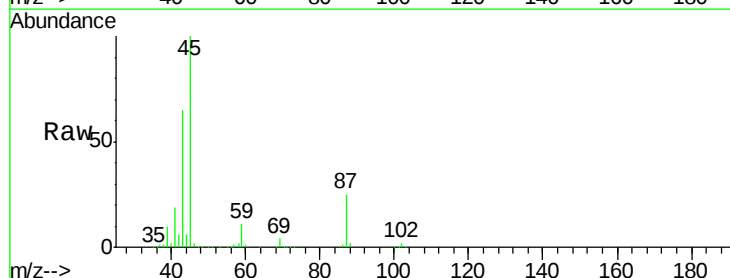
Ion Ratio Lower Upper

45 100

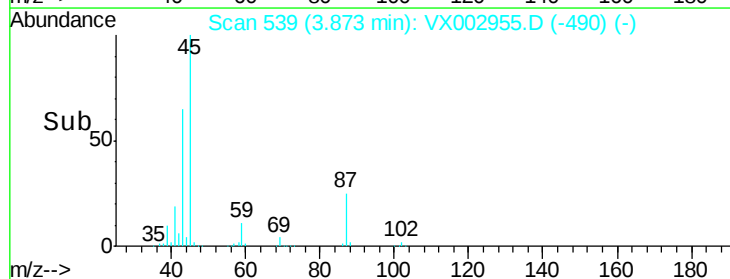
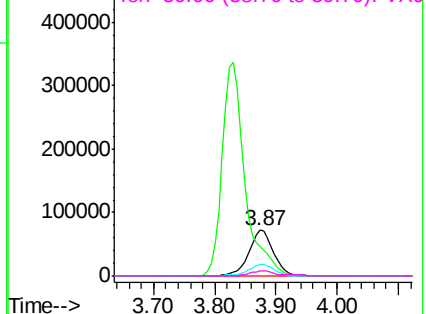
43 65.1 46.8 70.2

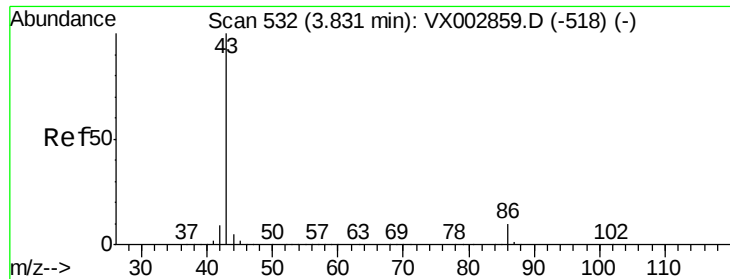
87 25.4 20.2 30.4

59 11.4 8.7 13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 105.34 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

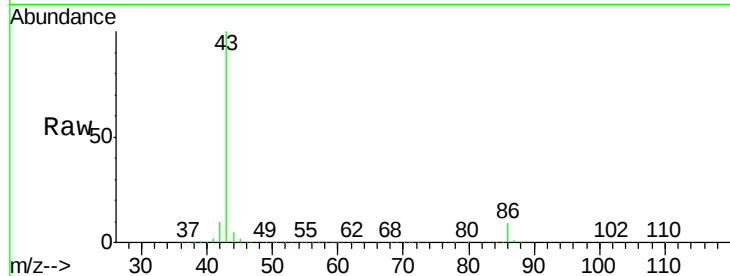
VX0627WBSD02

Tot Ion: 43 Resp: 874004

Ion Ratio Lower Upper

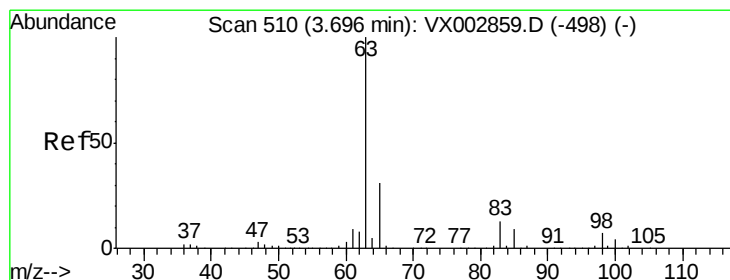
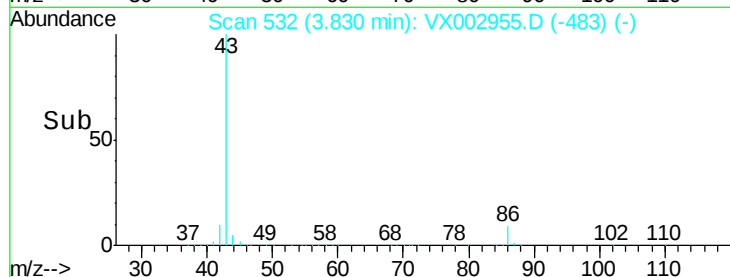
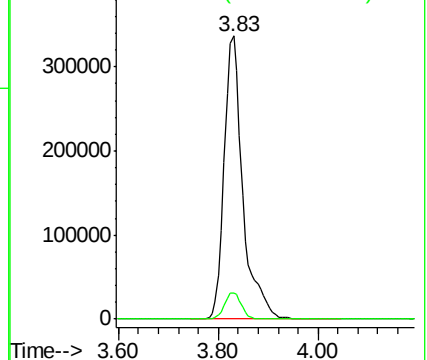
43 100

86 9.3 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.54 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

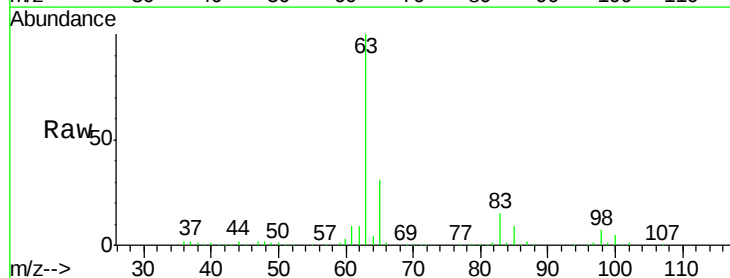
Tgt Ion: 63 Resp: 109389

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

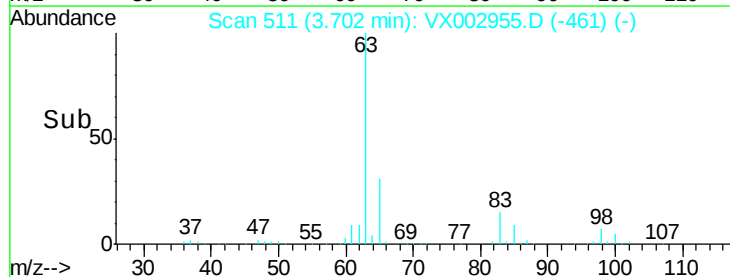
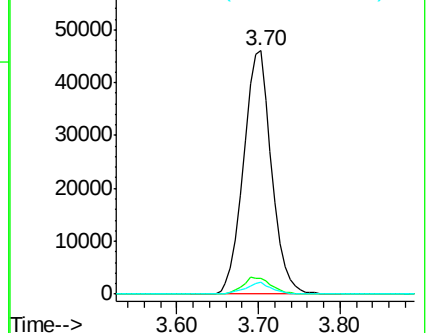
100 4.6 2.0 6.0

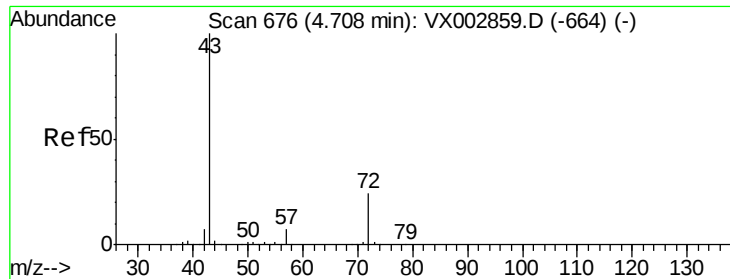


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.15 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

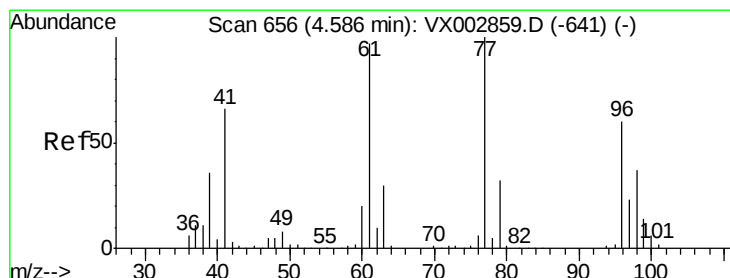
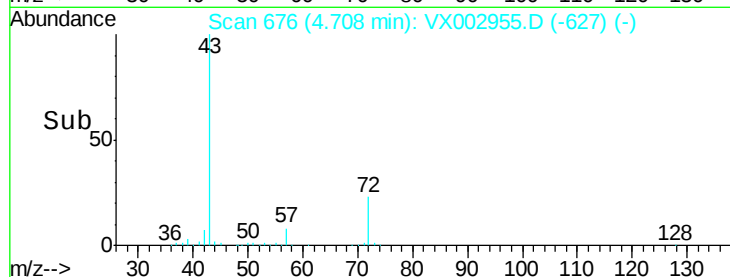
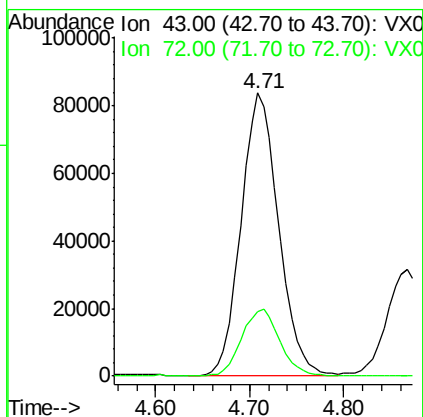
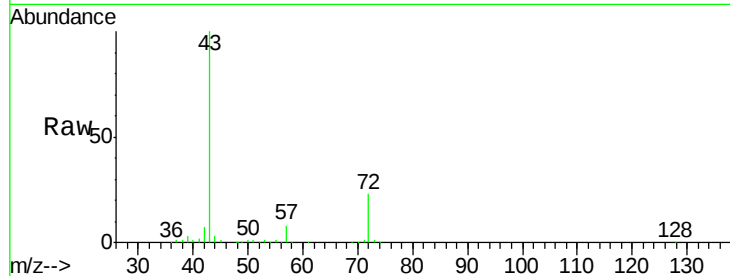
VX0627WBSD02

Tot Ion: 43 Resp: 233291

Ion Ratio Lower Upper

43 100

72 22.8 18.5 27.7



#26

2,2-Dichloropropane

Concen: 15.18 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002955.D

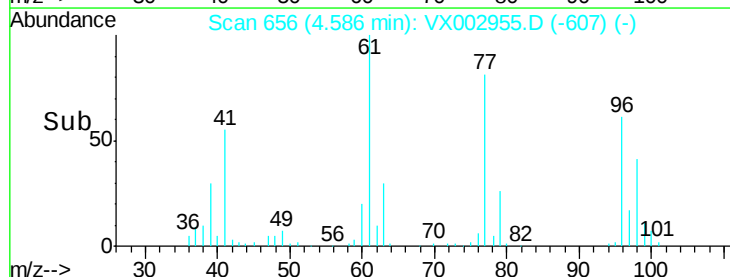
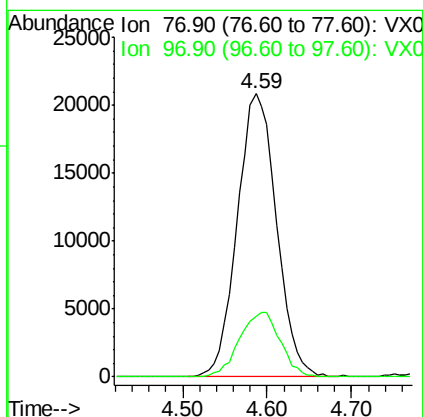
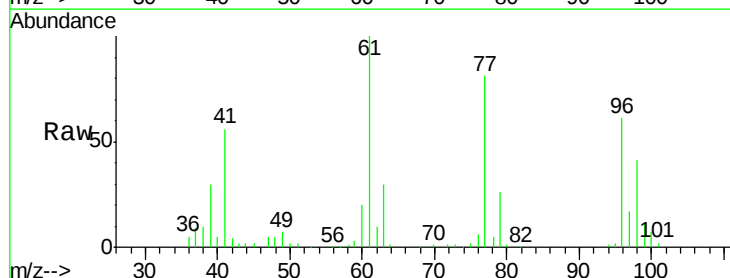
Acq: 28 Jun 2018 00:27

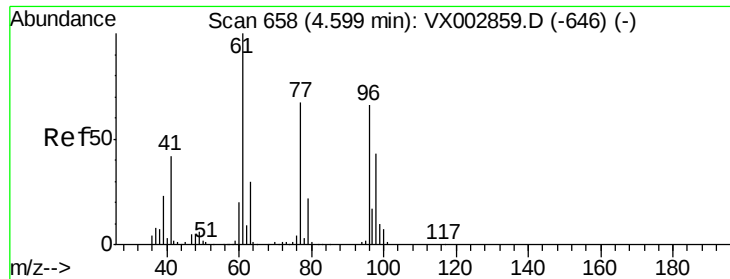
Tgt Ion: 77 Resp: 65723

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.5



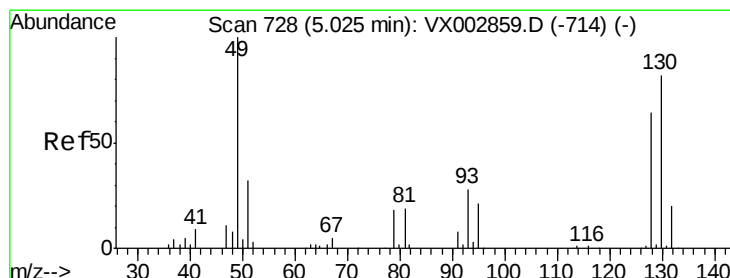
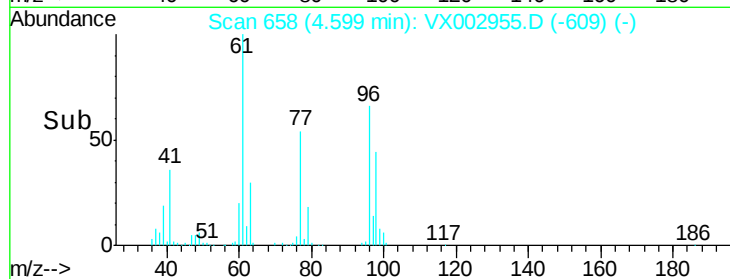
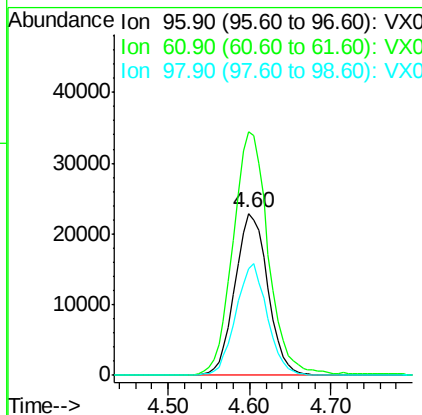
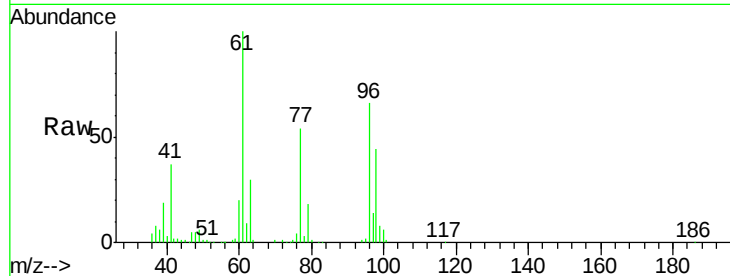


#27

cis-1,2-Dichloroethene
 Concen: 20.20 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

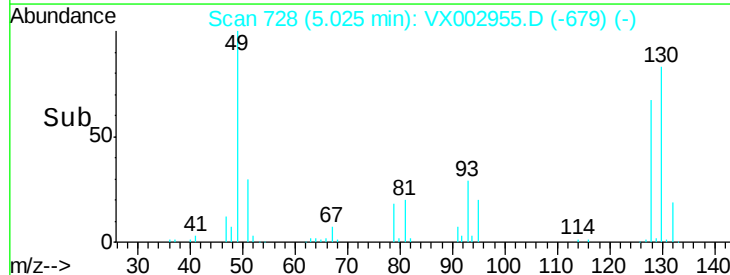
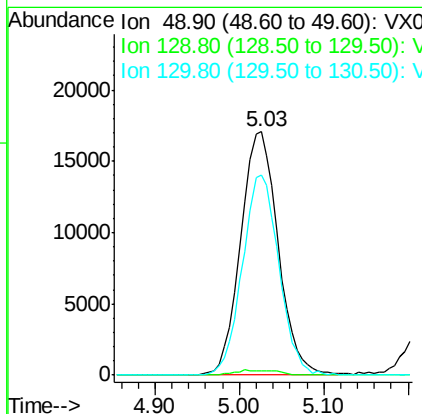
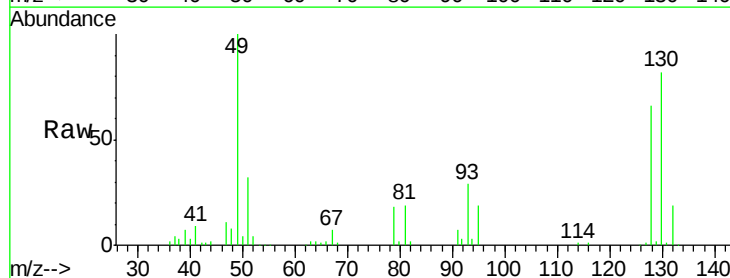
Tot Ion: 96 Resp: 64157
 Ion Ratio Lower Upper
 96 100
 61 161.0 0.0 330.2
 98 65.9 0.0 130.2

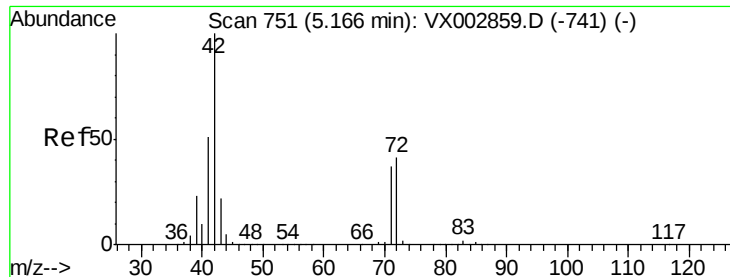


#28

Bromochloromethane
 Concen: 20.19 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

Tgt Ion: 49 Resp: 51476
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 80.4 61.2 91.8





#29

Tetrahydrofuran

Concen: 104.66 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

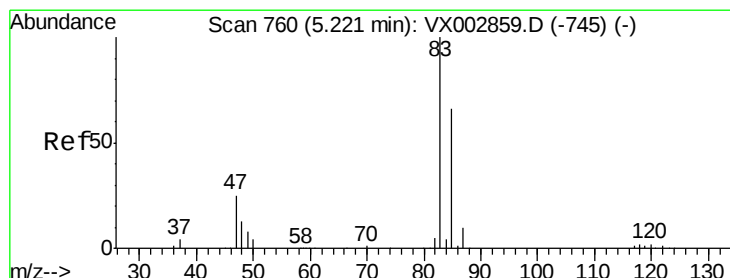
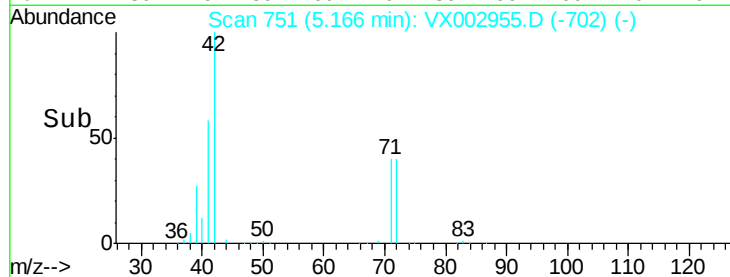
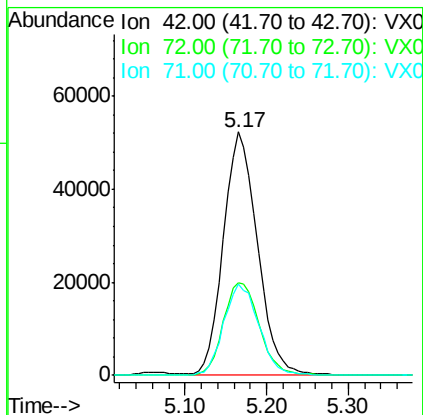
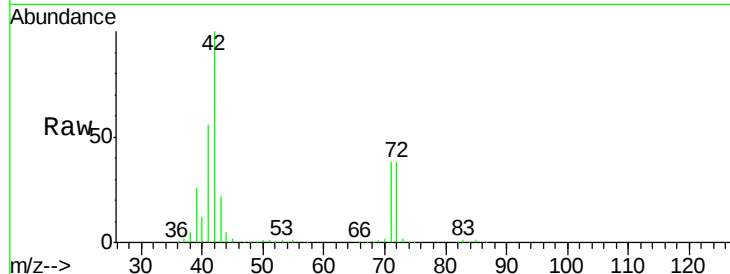
Tot Ion: 42 Resp: 150338

Ion Ratio Lower Upper

42 100

72 40.6 32.0 48.0

71 38.9 30.1 45.1



#30

Chloroform

Concen: 20.50 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX002955.D

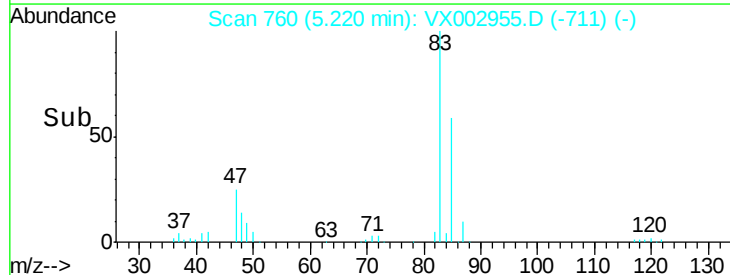
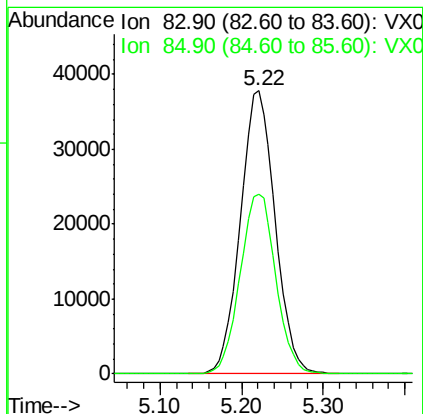
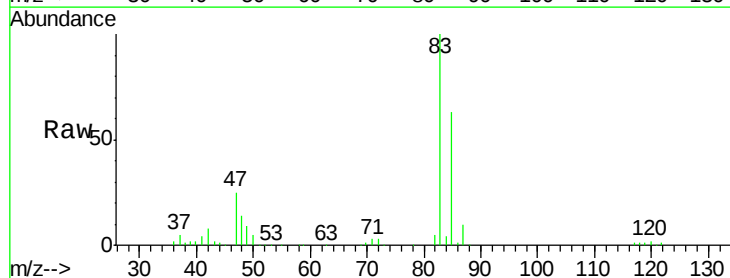
Acq: 28 Jun 2018 00:27

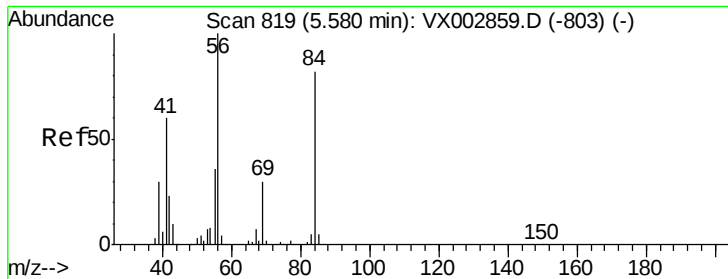
Tgt Ion: 83 Resp: 112043

Ion Ratio Lower Upper

83 100

85 63.4 50.4 75.6





#31

Cyclohexane

Concen: 20.82 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

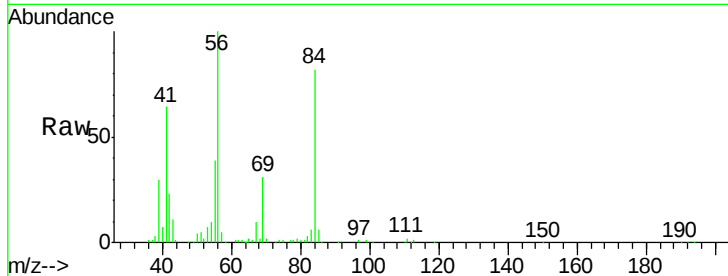
Tot Ion: 56 Resp: 95152

Ion Ratio Lower Upper

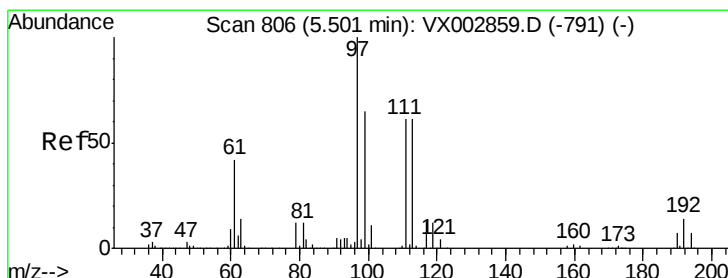
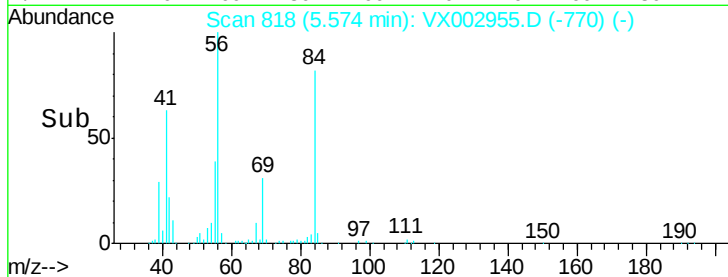
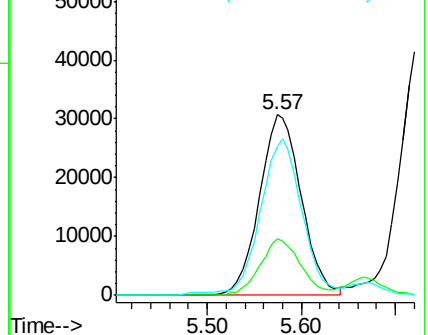
56 100

69 31.4 23.7 35.5

84 80.9 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 20.48 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

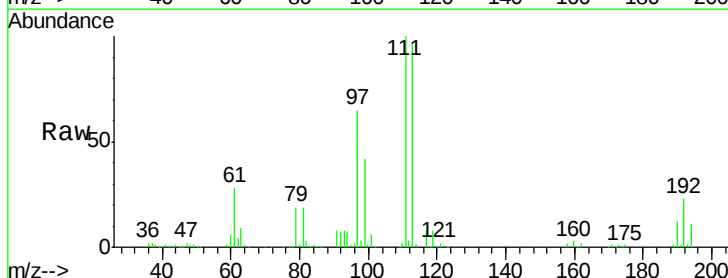
Tgt Ion: 97 Resp: 98484

Ion Ratio Lower Upper

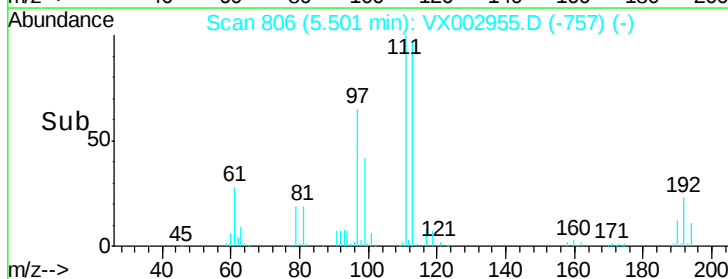
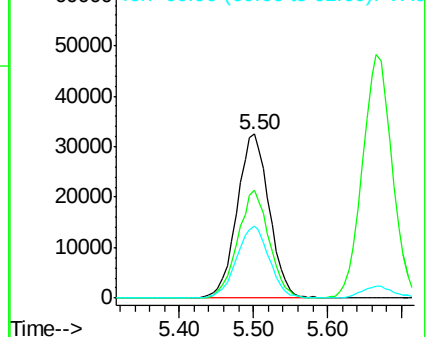
97 100

99 64.2 51.6 77.4

61 44.4 36.4 54.6



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





#33

1,2-Dichloroethane-d4

Concen: 50.62 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

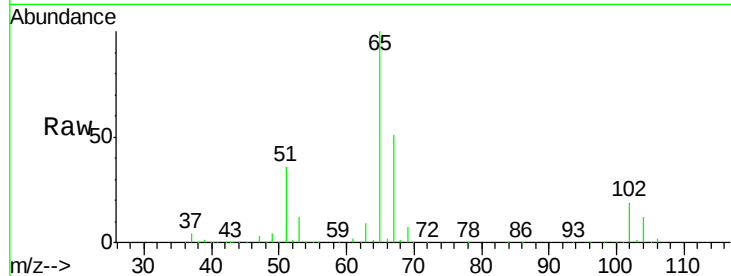
VX0627WBSD02

Tot Ion: 65 Resp: 184482

Ion Ratio Lower Upper

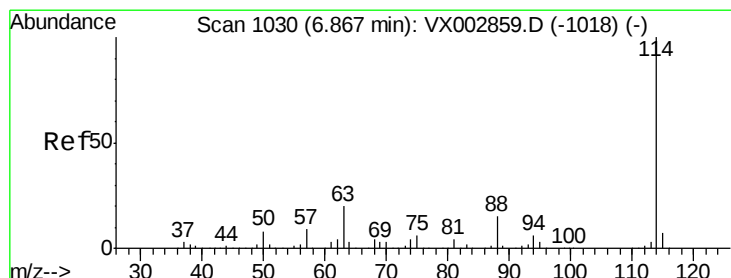
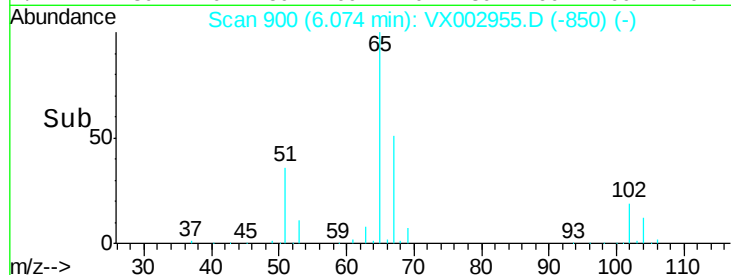
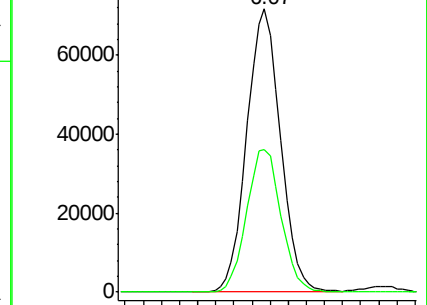
65 100

67 51.7 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

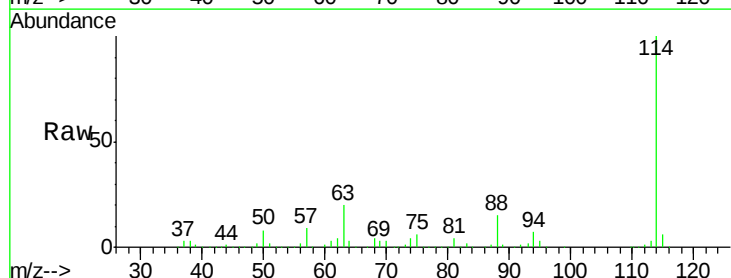
Tgt Ion: 114 Resp: 366144

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.4

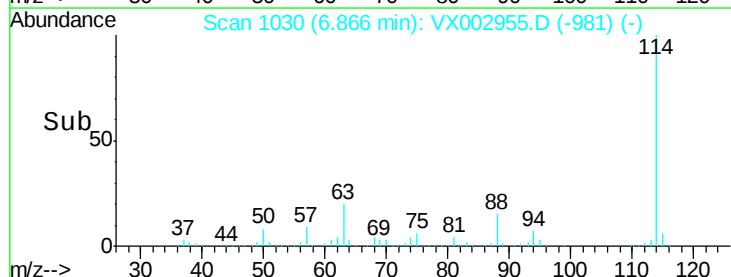
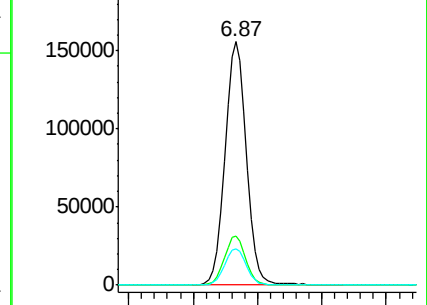
88 15.0 0.0 30.0

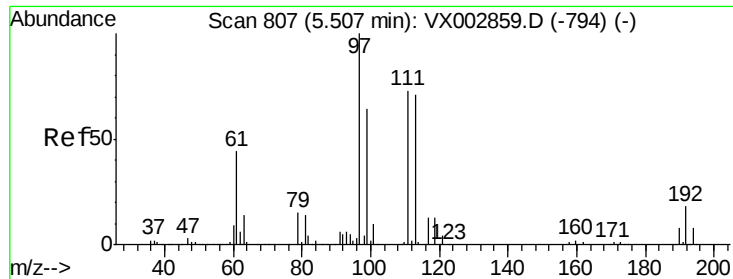


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

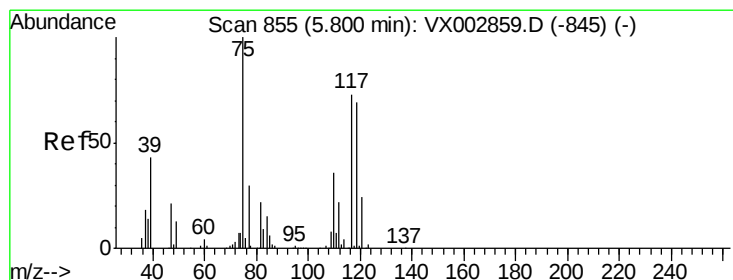
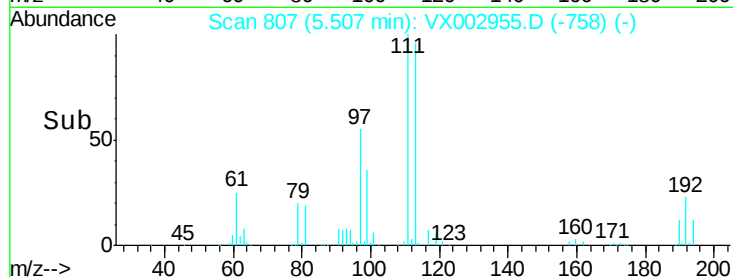
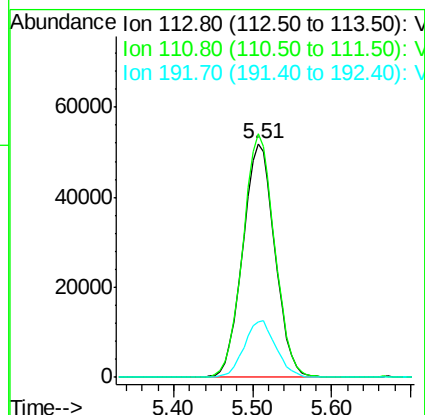
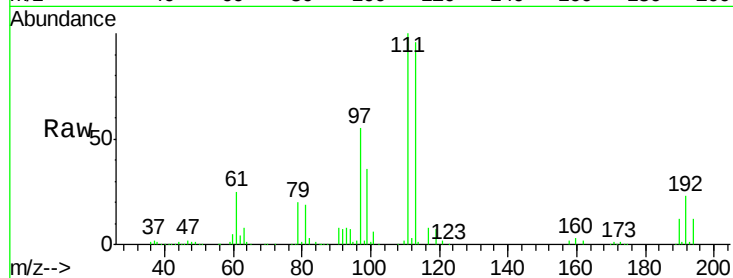




#35
 Dibromofluoromethane
 Concen: 50.73 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

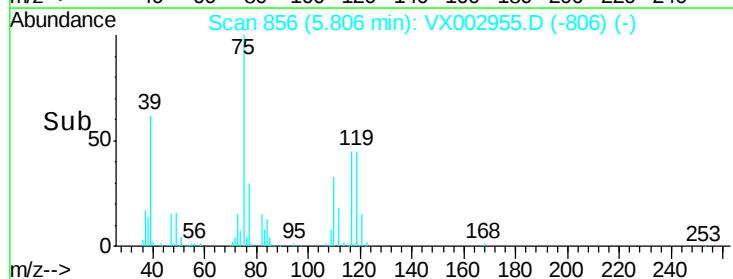
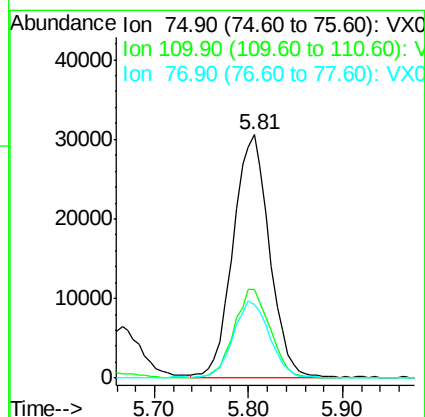
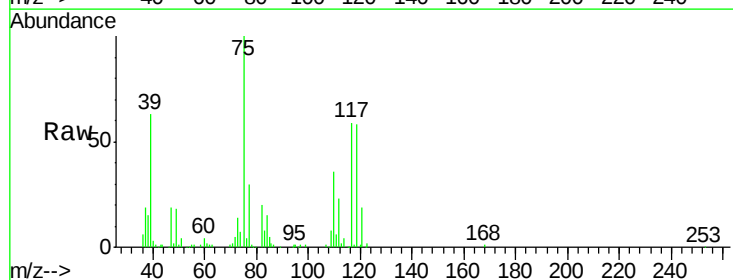
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

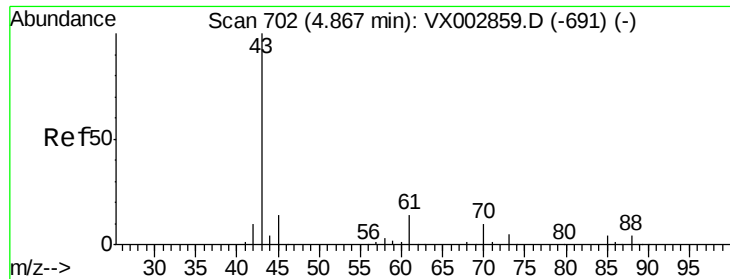
Tot Ion:113 Resp: 147090
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.4 122.0
 192 23.9 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 20.16 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

Tgt Ion: 75 Resp: 80954
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.1 54.4
 77 32.2 24.3 36.5





#37

Ethyl Acetate

Concen: 21.05 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

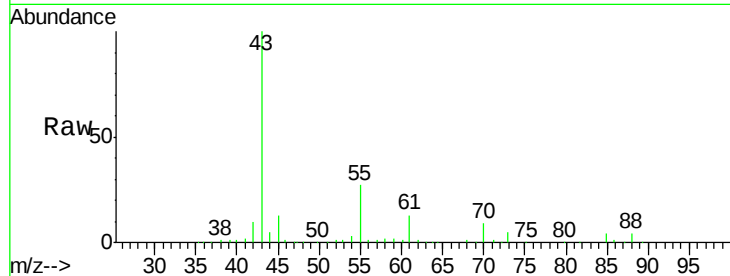
Tot Ion: 43 Resp: 91003

Ion Ratio Lower Upper

43 100

61 13.5 10.4 15.6

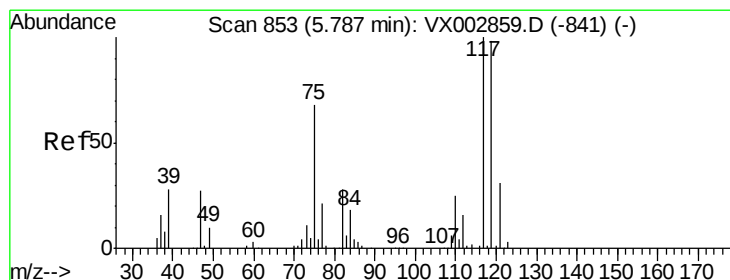
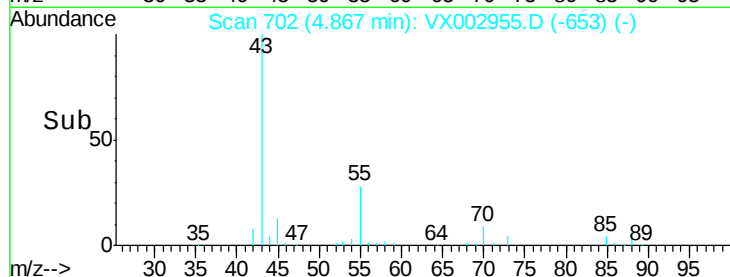
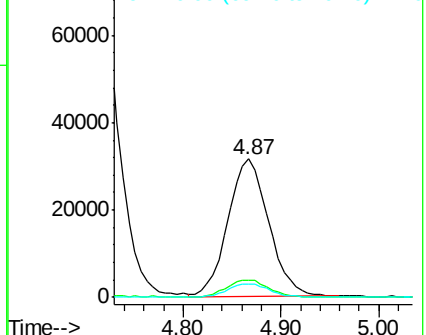
70 10.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.98 ug/l

RT: 5.79 min Scan# 853

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

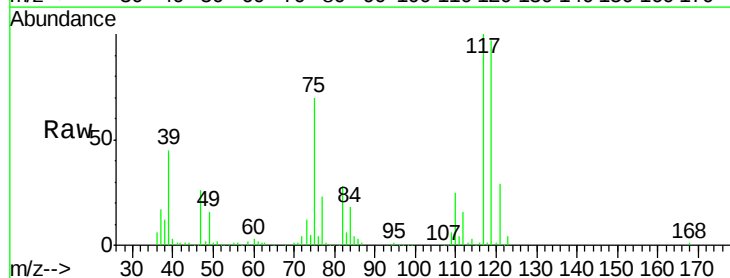
Tgt Ion: 117 Resp: 88028

Ion Ratio Lower Upper

117 100

119 96.7 77.4 116.0

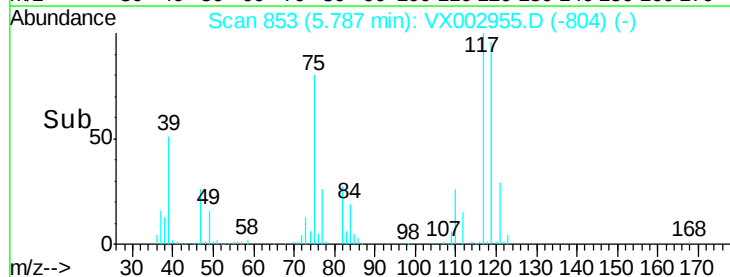
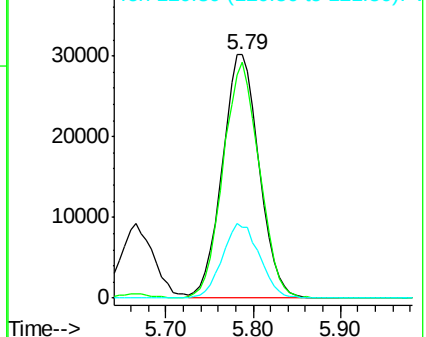
121 29.2 24.4 36.6

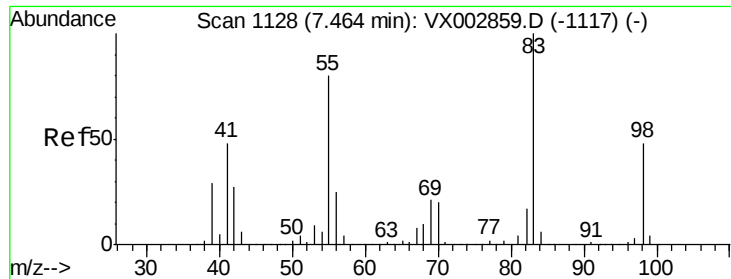


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

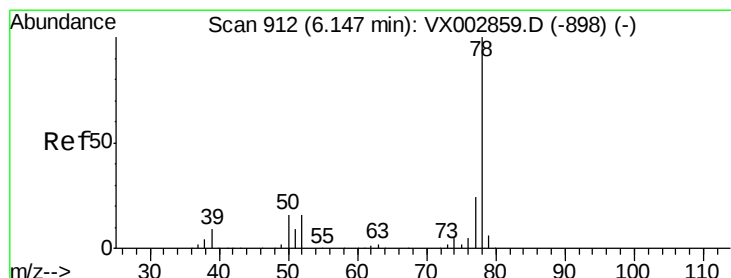
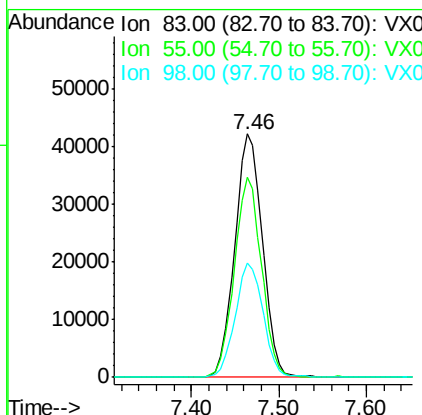
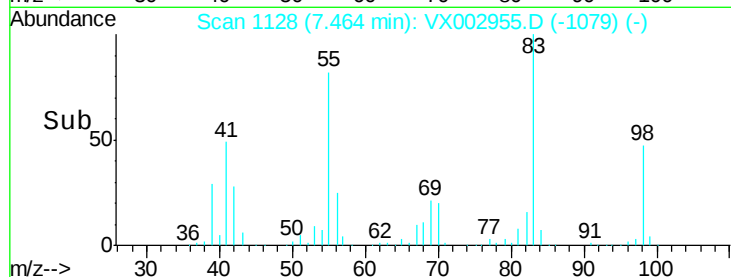
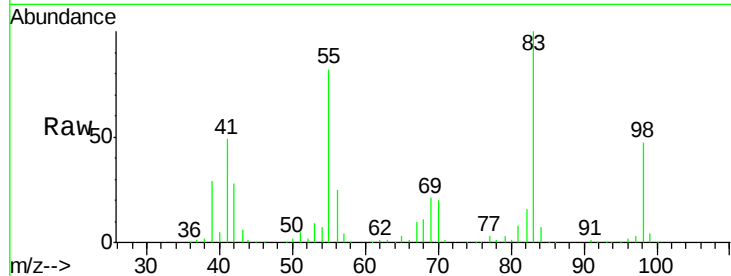




#39
Methvlcvclohexane
Concen: 19.90 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

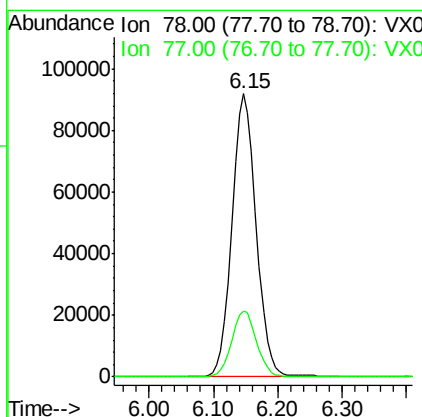
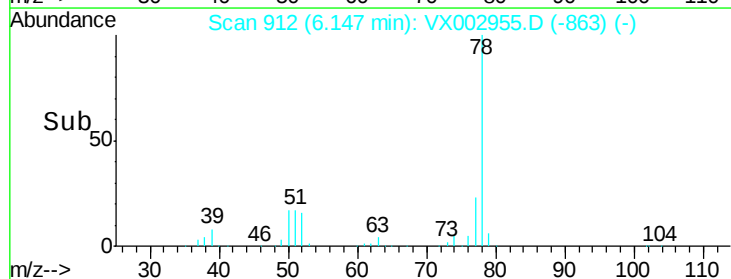
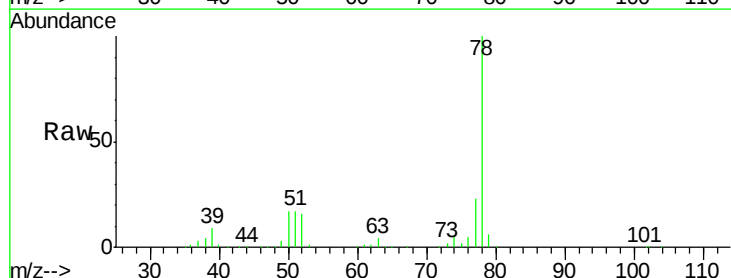
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

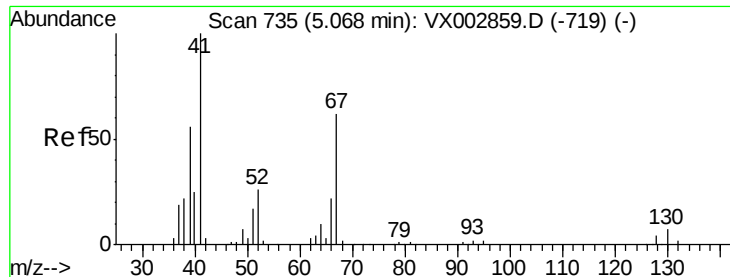
Tot Ion: 83 Resp: 93080
Ion Ratio Lower Upper
83 100
55 82.0 65.4 98.0
98 47.1 37.4 56.0



#40
Benzene
Concen: 20.68 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion: 78 Resp: 241256
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7

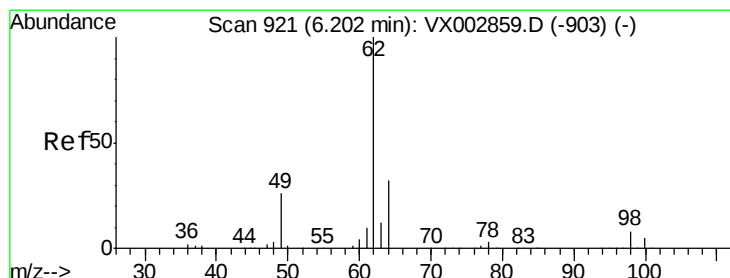
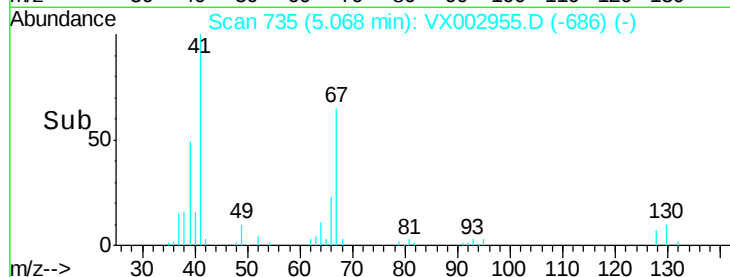
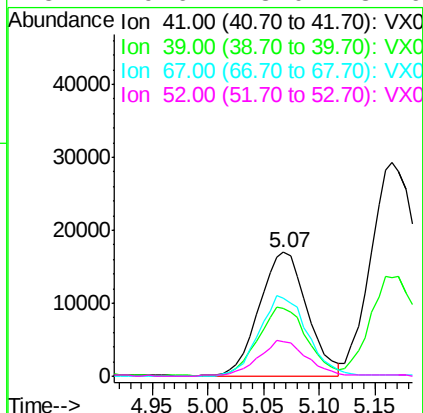
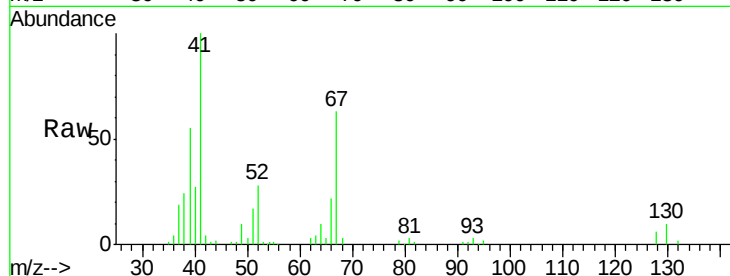




#41
Methacrylonitrile
Concen: 20.26 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

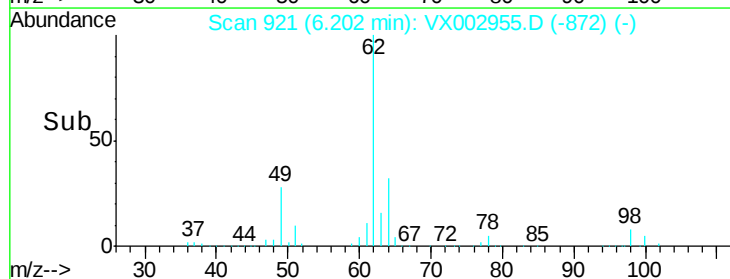
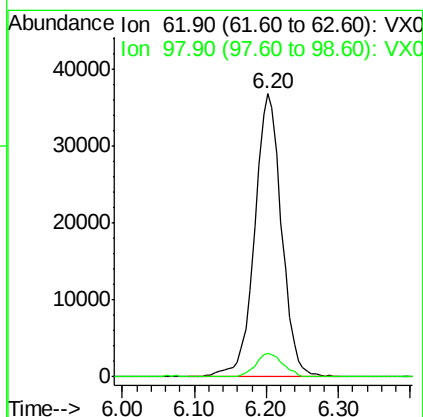
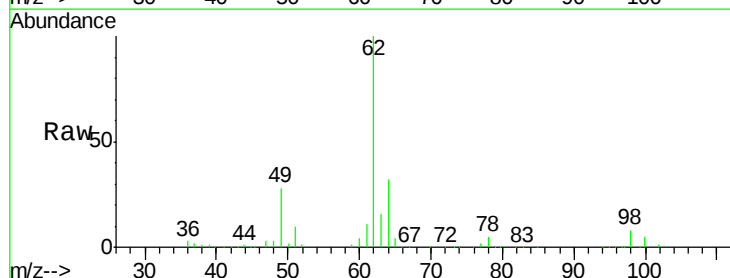
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

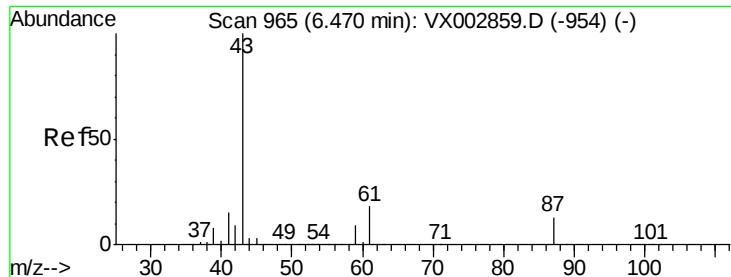
Tot Ion:	41	Resp:	50439
Ion	Ratio	Lower	Upper
41	100		
39	57.8	45.8	68.6
67	66.8	51.3	76.9
52	29.6	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.13 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion:	62	Resp:	94860
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6



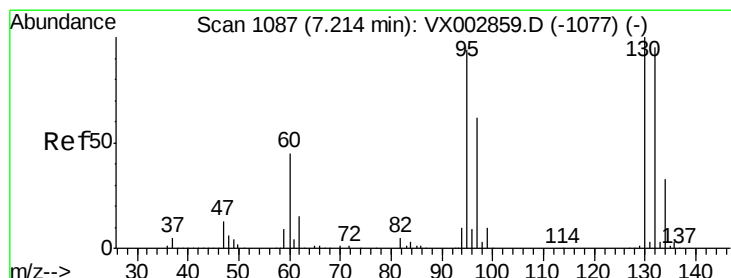
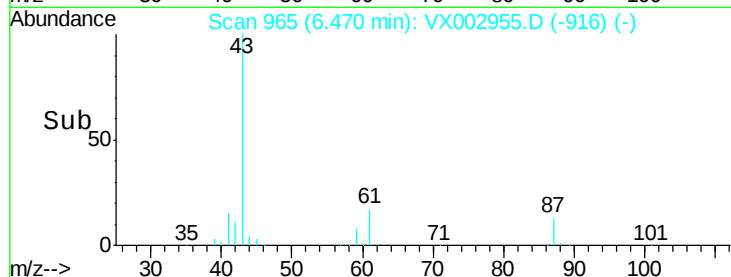
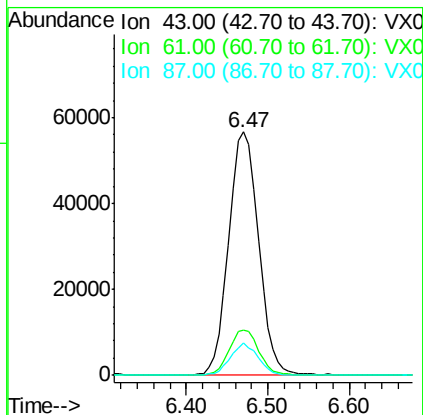
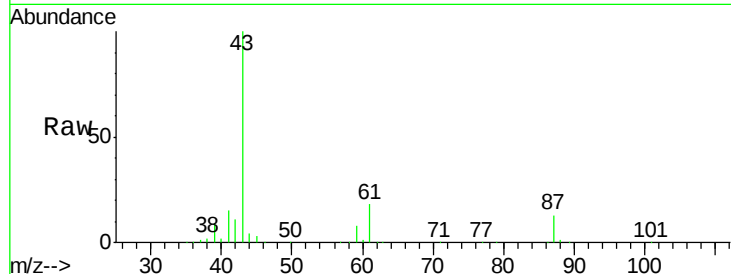


#43

Isopropyl Acetate
 Concen: 19.74 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

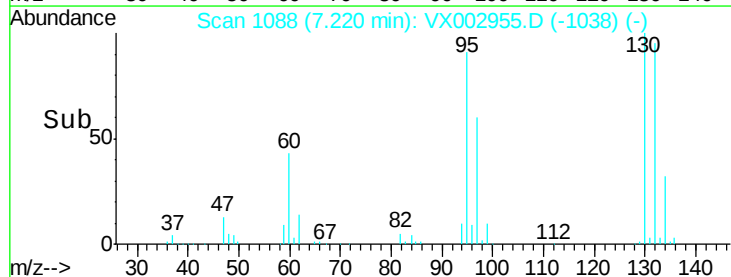
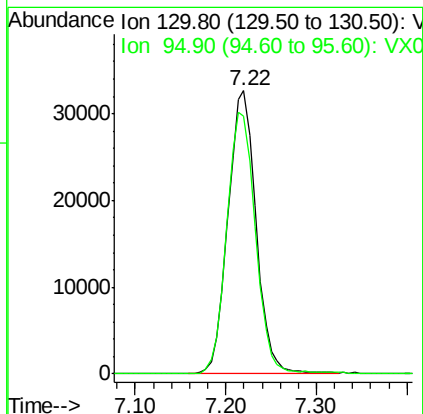
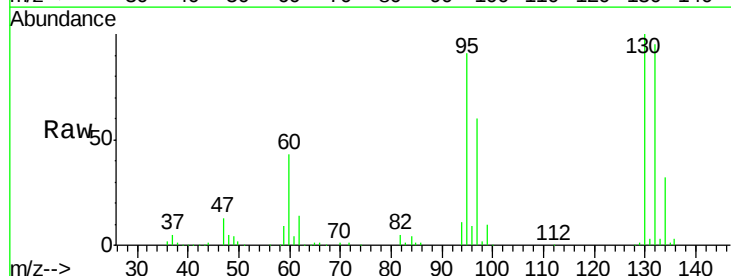
Tot Ion: 43 Resp: 143140
 Ion Ratio Lower Upper
 43 100
 61 18.4 14.4 21.6
 87 12.4 9.5 14.3



#44

Trichloroethene
 Concen: 20.22 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

Tgt Ion:130 Resp: 70331
 Ion Ratio Lower Upper
 130 100
 95 90.9 0.0 185.4

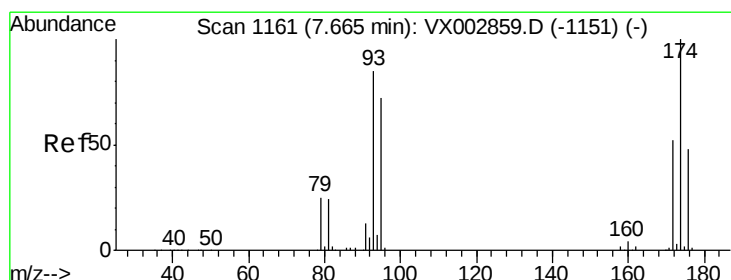
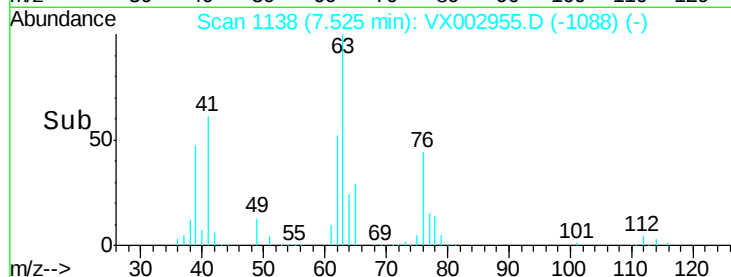
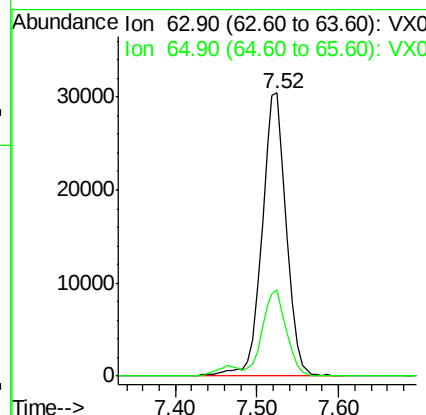
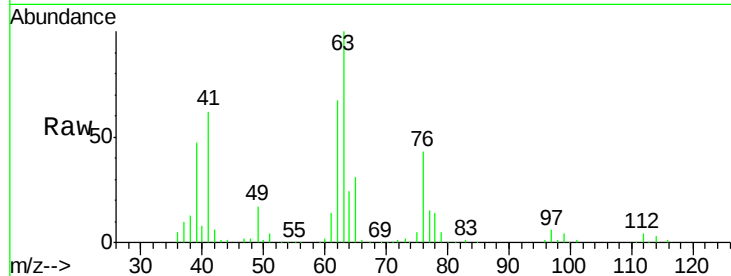




#45
 1,2-Dichloropropane
 Concen: 20.46 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

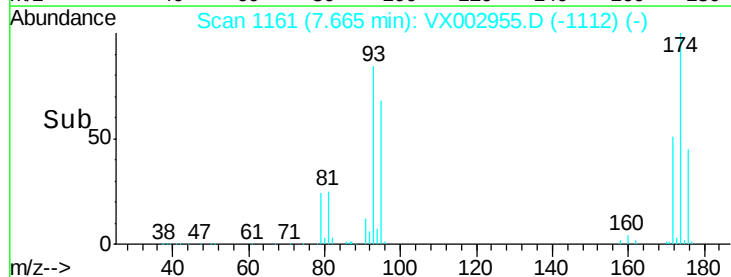
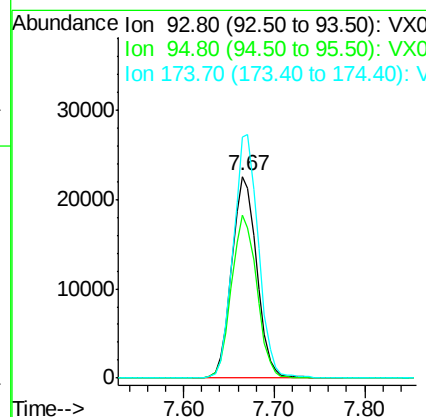
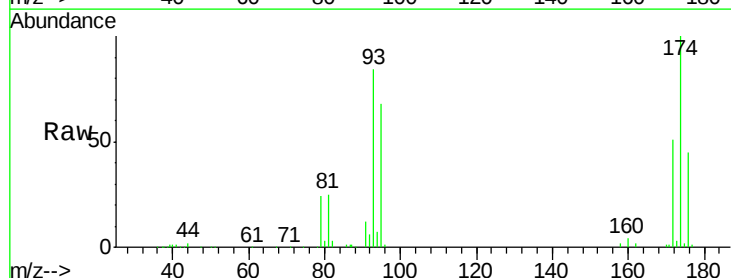
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion: 63 Resp: 63310
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.7 37.1



#46
 Dibromomethane
 Concen: 20.20 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

Tgt Ion: 93 Resp: 43388
 Ion Ratio Lower Upper
 93 100
 95 81.5 65.9 98.9
 174 121.1 92.4 138.6





#47

Bromodichloromethane

Concen: 19.71 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

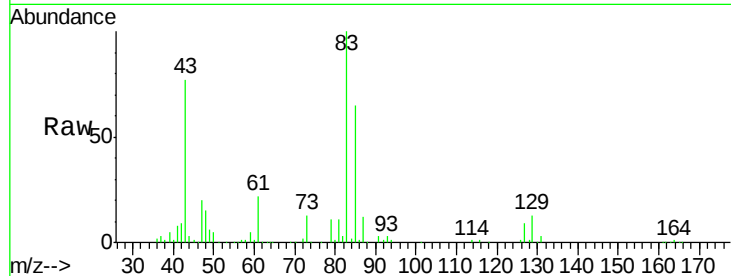
Tot Ion: 83 Resp: 78246

Ion Ratio Lower Upper

83 100

85 64.5 50.3 75.5

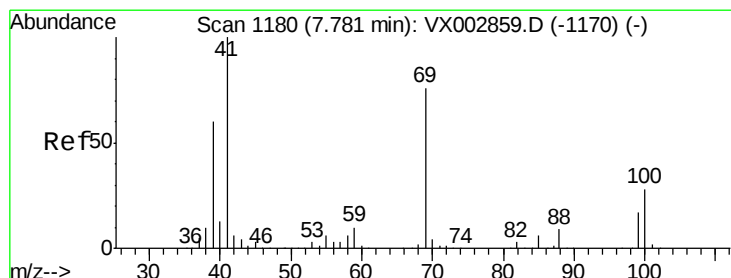
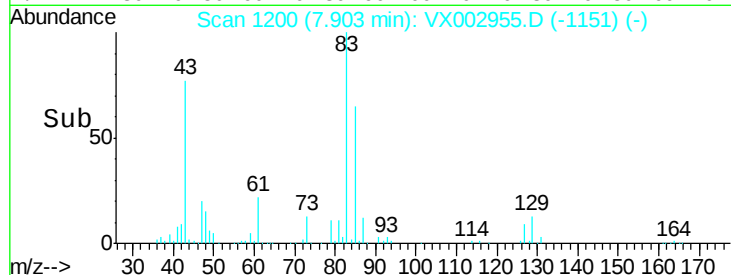
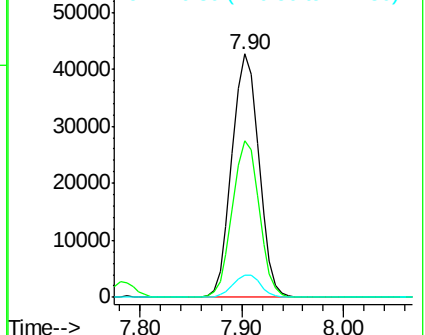
127 9.0 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.90 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

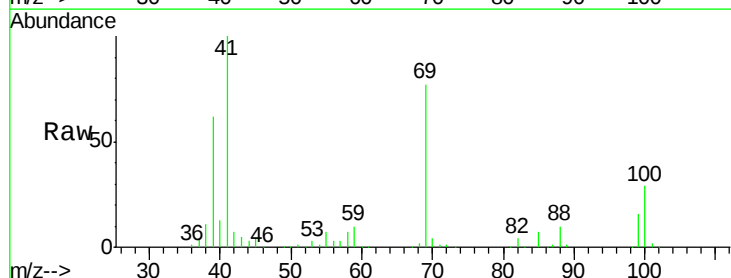
Tgt Ion: 41 Resp: 74359

Ion Ratio Lower Upper

41 100

69 76.7 59.1 88.7

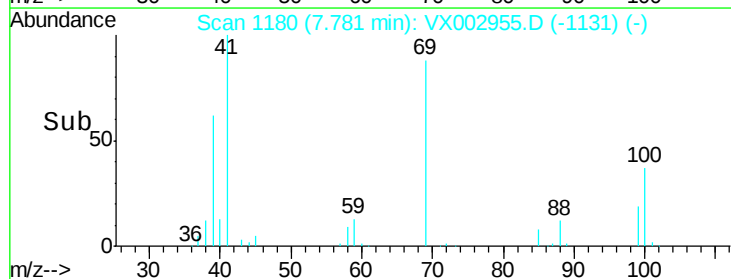
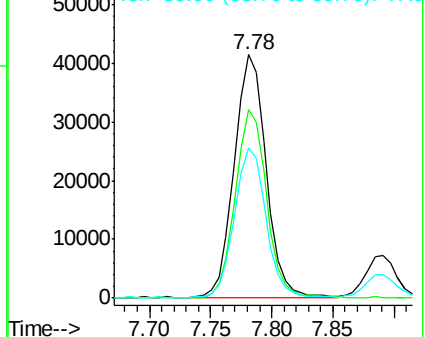
39 60.9 48.9 73.3

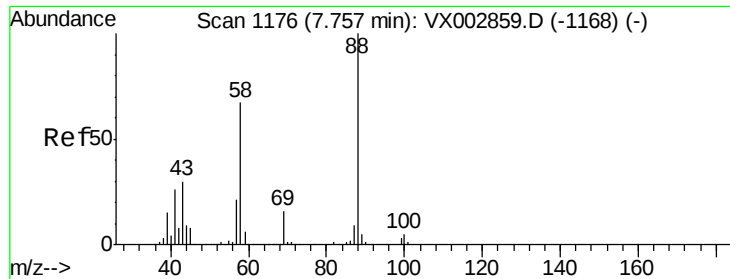


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

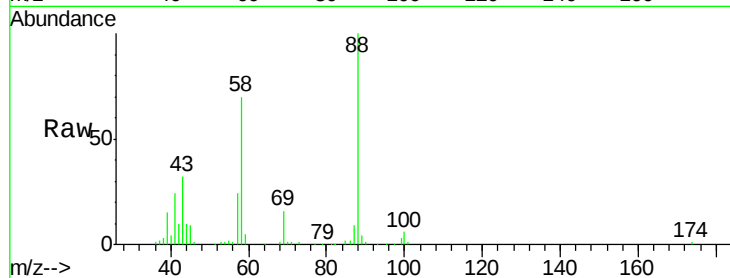




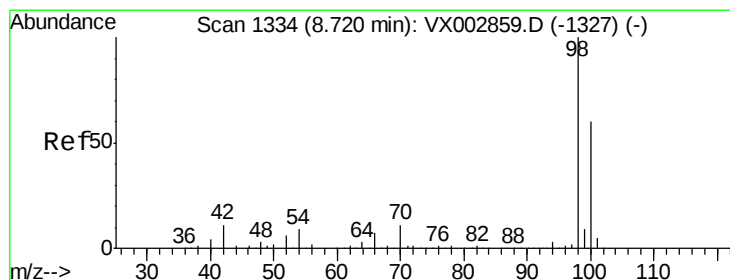
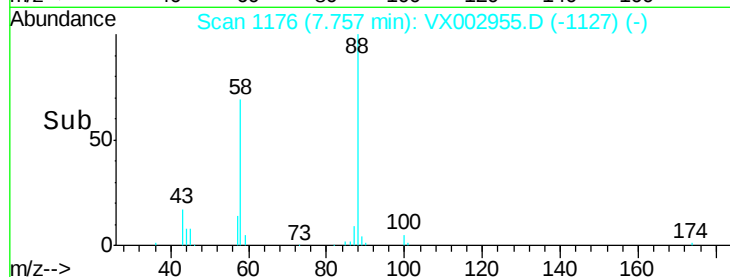
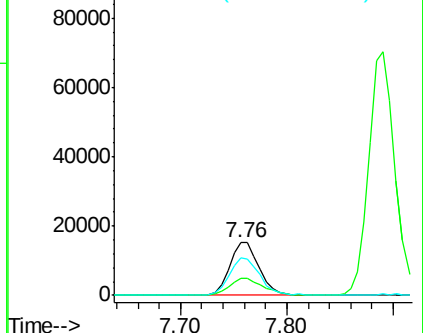
#49
1,4-Dioxane
Concen: 411.34 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion	88	Resp	29898
Ion	Ratio	Lower	Upper
88	100		
43	35.6	29.8	44.6
58	71.7	57.1	85.7

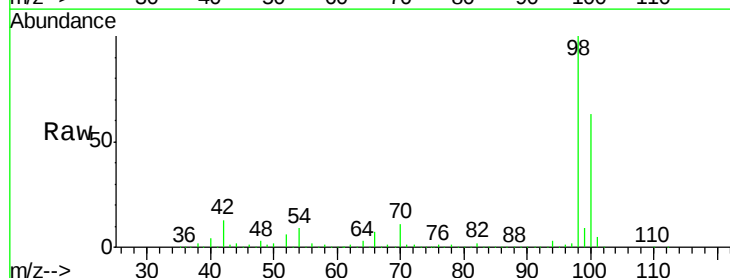


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

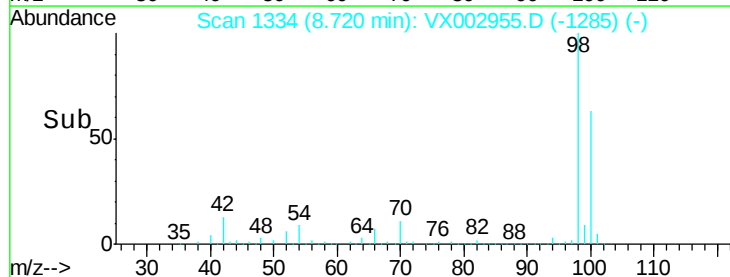
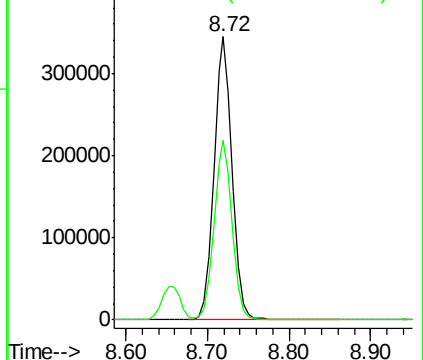


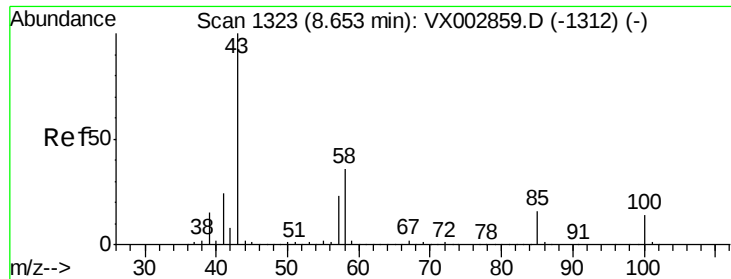
#50
Toluene-d8
Concen: 50.67 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion	98	Resp	536561
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3



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





#51

4-Methyl-2-Pentanone

Concen: 103.44 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

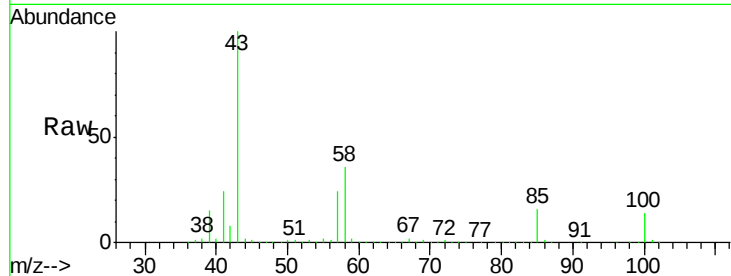
VX0627WBSD02

Tot Ion: 43 Resp: 469232

Ion Ratio Lower Upper

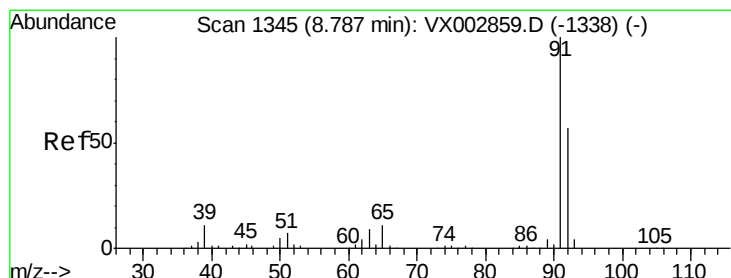
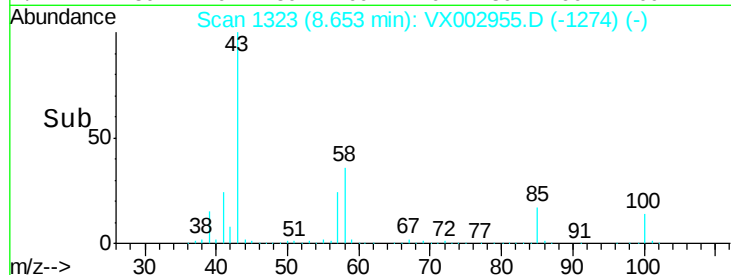
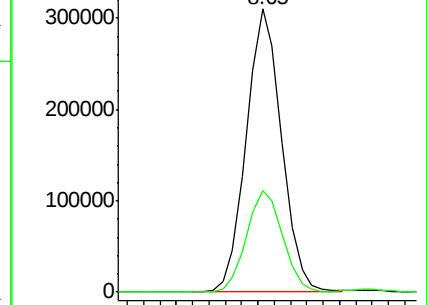
43 100

58 36.5 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.94 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002955.D

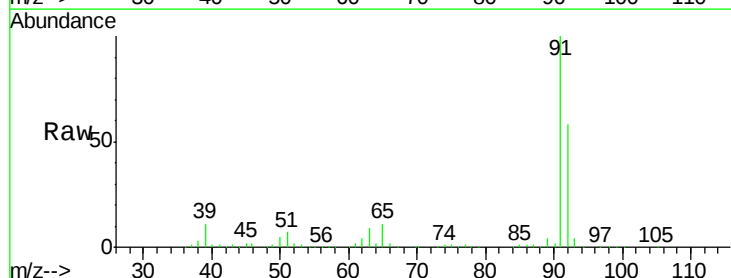
Acq: 28 Jun 2018 00:27

Tgt Ion: 92 Resp: 156477

Ion Ratio Lower Upper

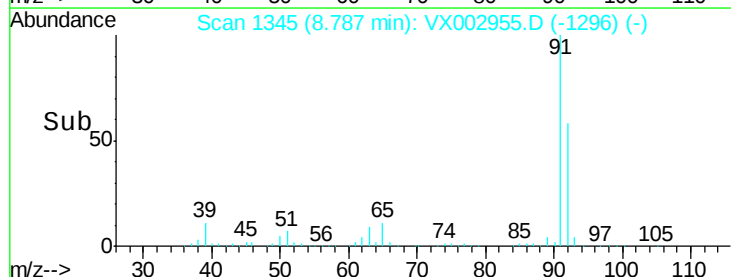
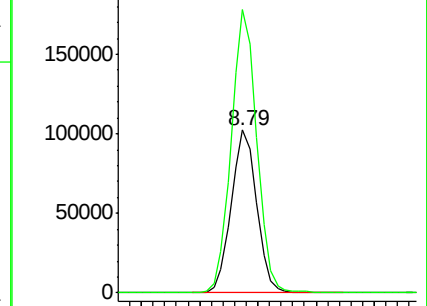
92 100

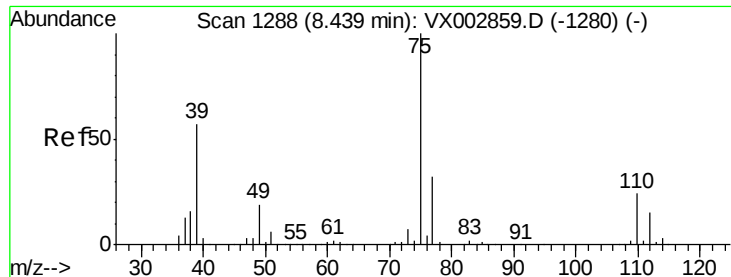
91 173.7 140.4 210.6



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: 19.50 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

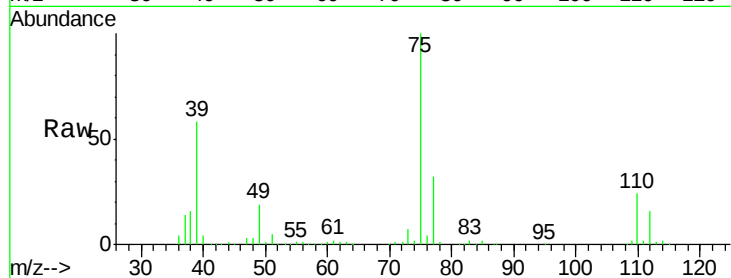
VX0627WBSD02

Tot Ion: 75 Resp: 87684

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

60000

50000

40000

30000

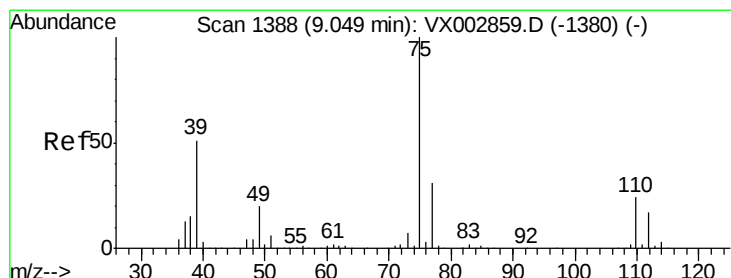
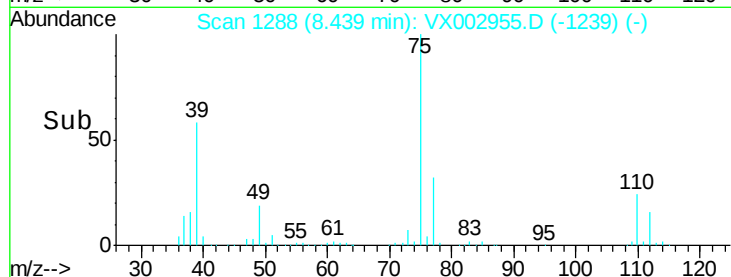
20000

10000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.49 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

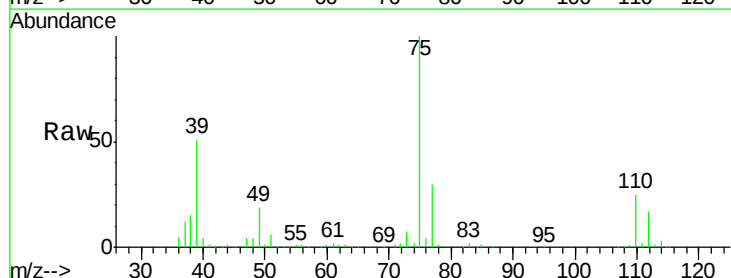
Tgt Ion: 75 Resp: 79983

Ion Ratio Lower Upper

75 100

77 30.3 24.8 37.2

39 51.1 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

60000

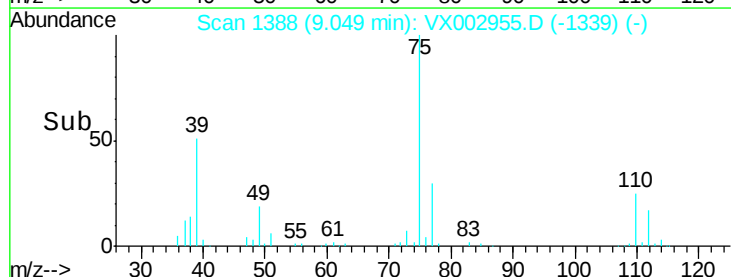
40000

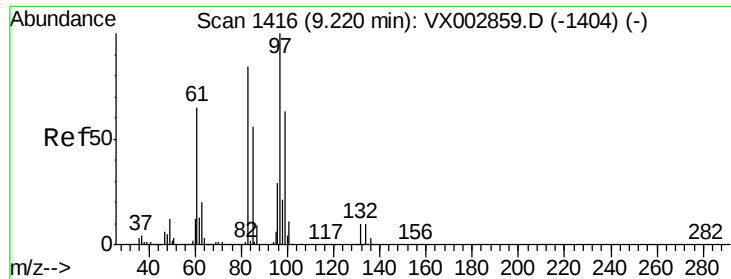
20000

0

8.95 9.00 9.05 9.10 9.15

Time-->

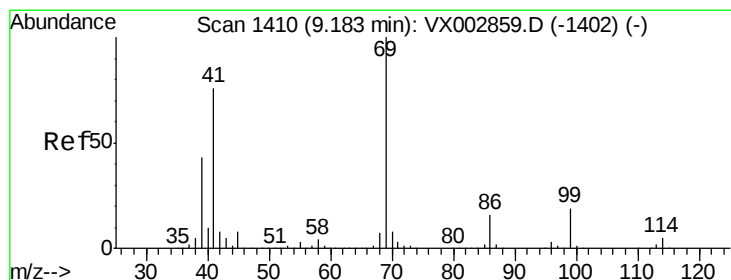
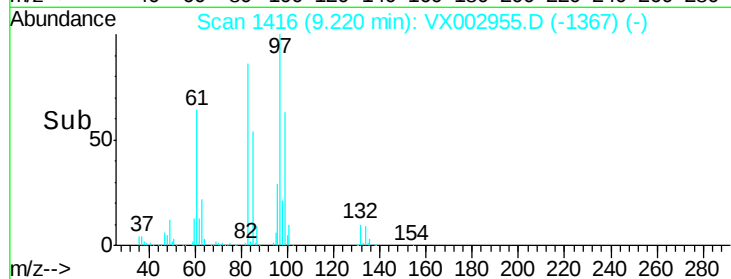
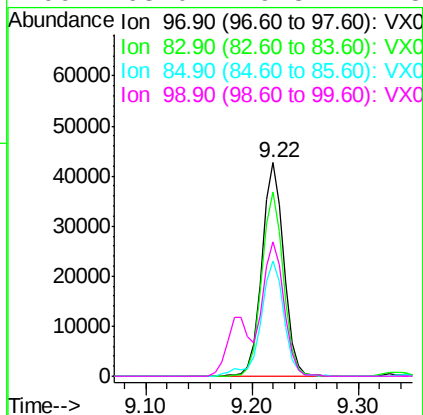
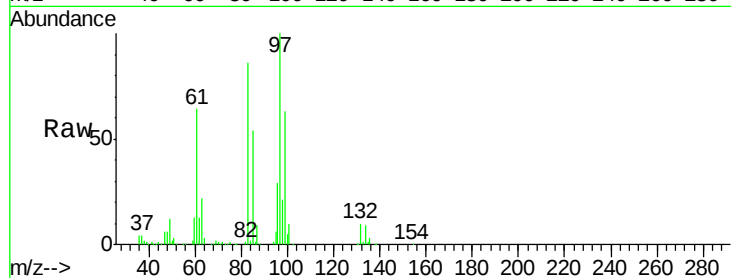




#55
 1,1,2-Trichloroethane
 Concen: 20.12 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

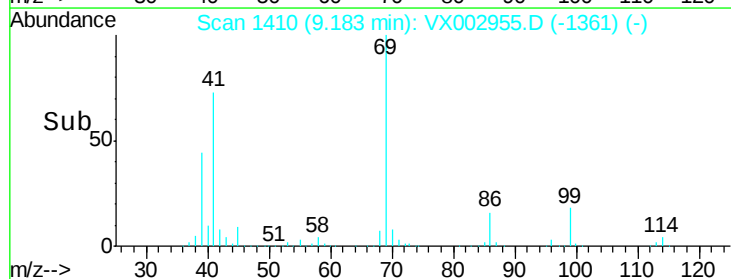
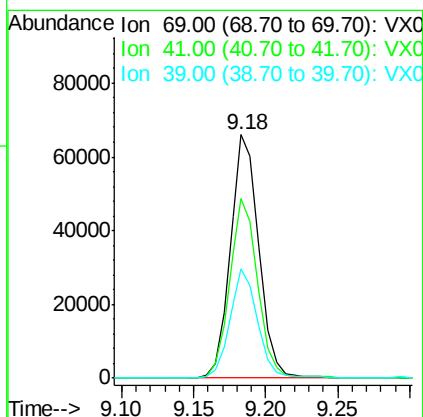
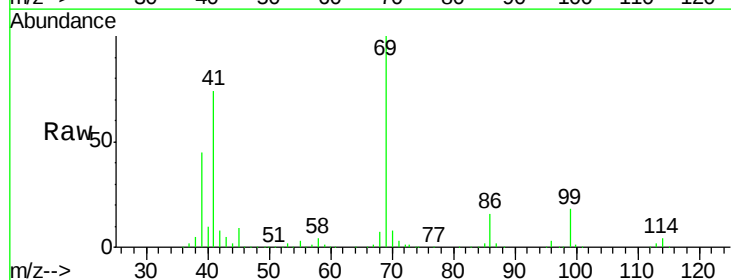
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

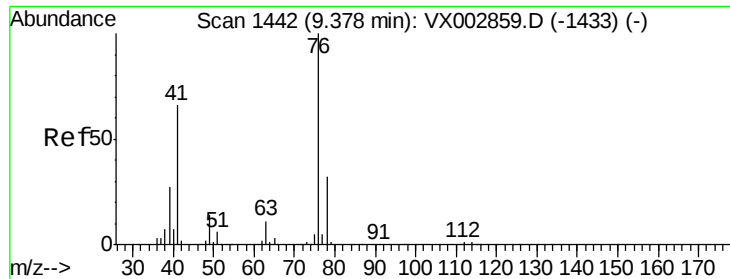
Tot Ion:	97	Resp:	61800
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.2	105.2
85	54.0	44.9	67.3
99	63.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 20.24 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

Tgt Ion:	69	Resp:	90864
Ion	Ratio	Lower	Upper
69	100		
41	72.0	60.3	90.5
39	43.5	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.40 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

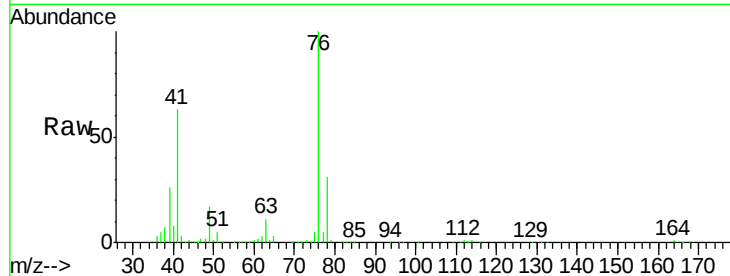
VX0627WBSD02

Tot Ion: 76 Resp: 102918

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

80000

60000

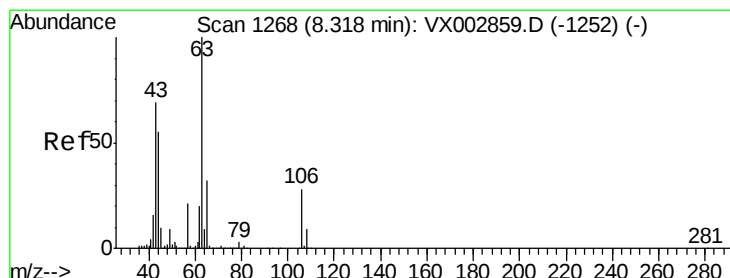
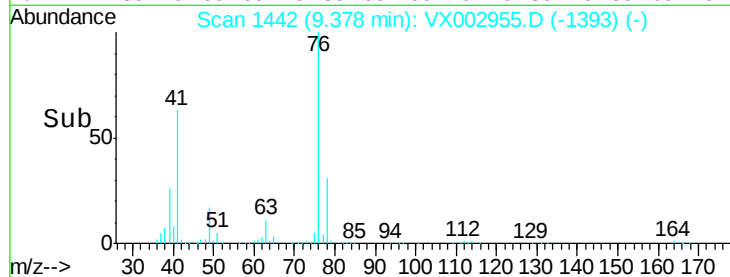
40000

20000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 102.84 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX002955.D

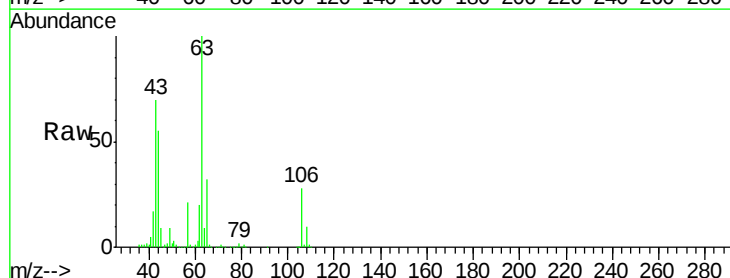
Acq: 28 Jun 2018 00:27

Tgt Ion: 63 Resp: 222685

Ion Ratio Lower Upper

63 100

106 28.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

150000

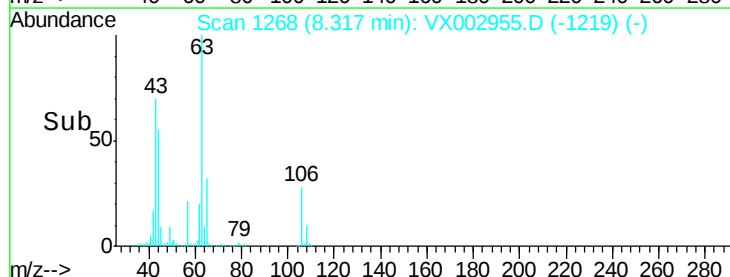
100000

50000

0

8.20 8.25 8.30 8.35 8.40

Time-->

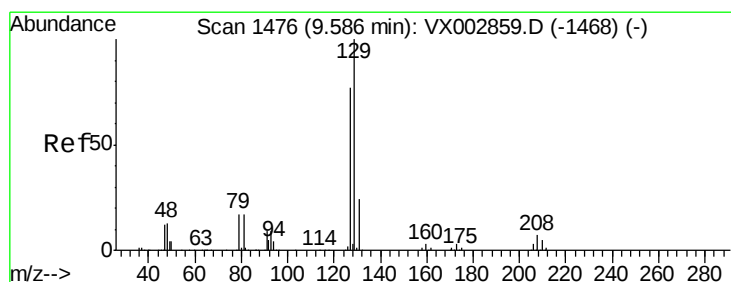
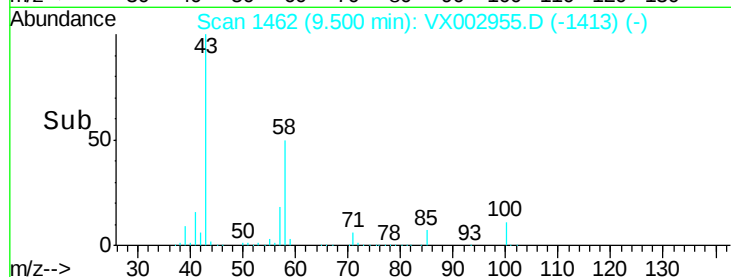
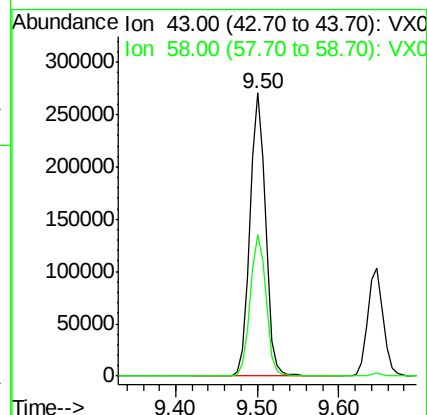
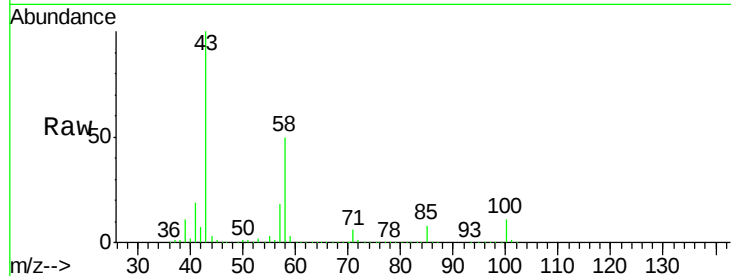




#59
2-Hexanone
Concen: 103.49 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

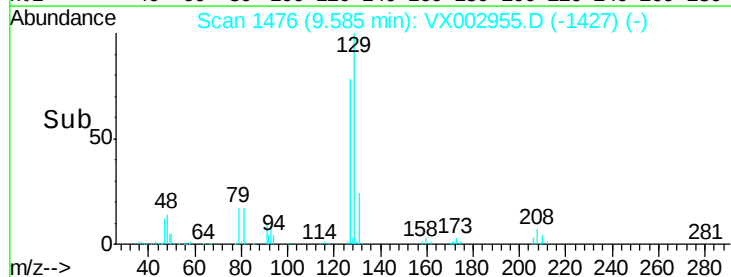
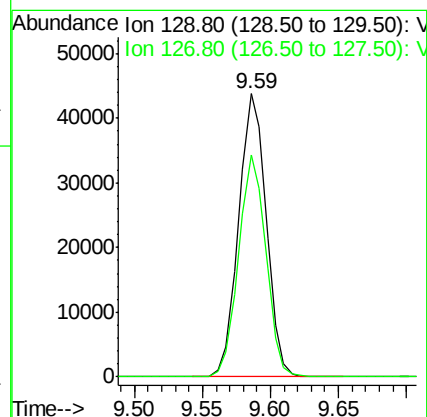
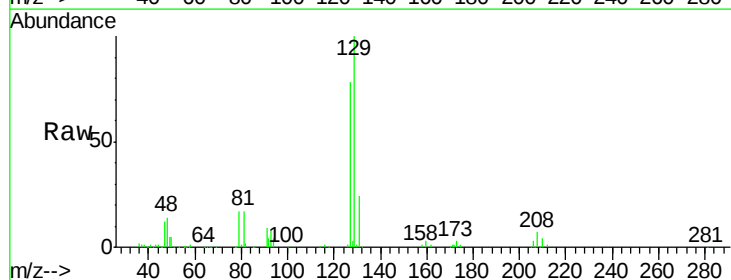
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

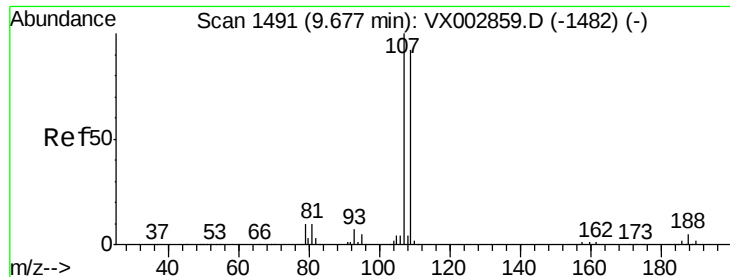
Tot Ion: 43 Resp: 356811
Ion Ratio Lower Upper
43 100
58 50.6 24.6 73.6



#60
Dibromochloromethane
Concen: 19.17 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion: 129 Resp: 61963
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.42 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

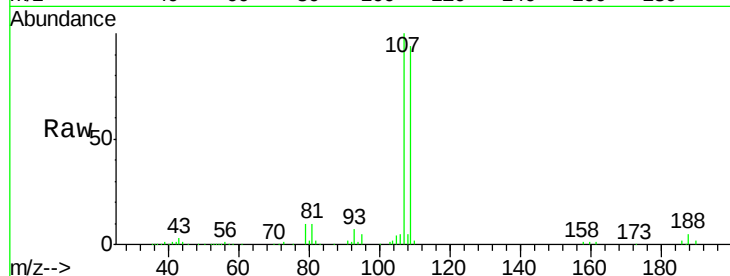
VX0627WBSD02

Tot Ion:107 Resp: 65795

Ion Ratio Lower Upper

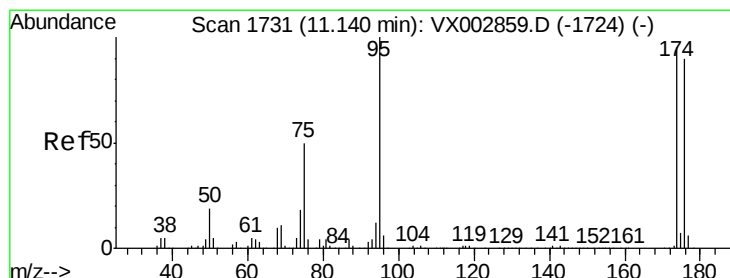
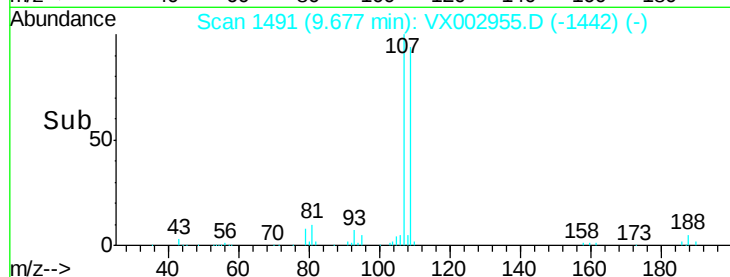
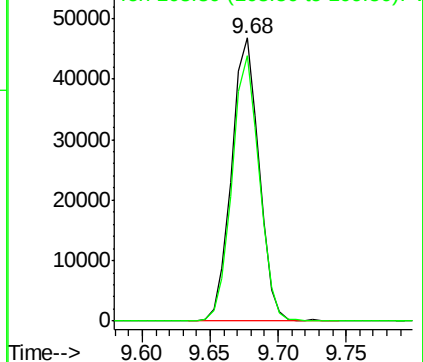
107 100

109 93.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.11 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

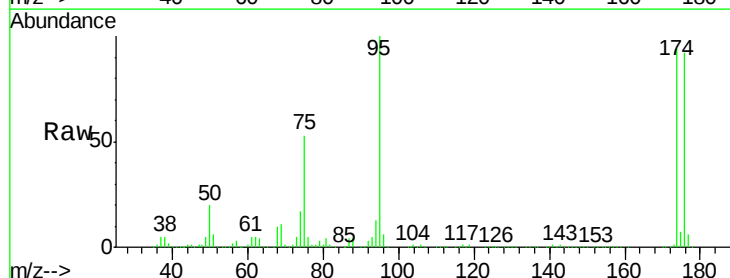
Tgt Ion: 95 Resp: 200528

Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

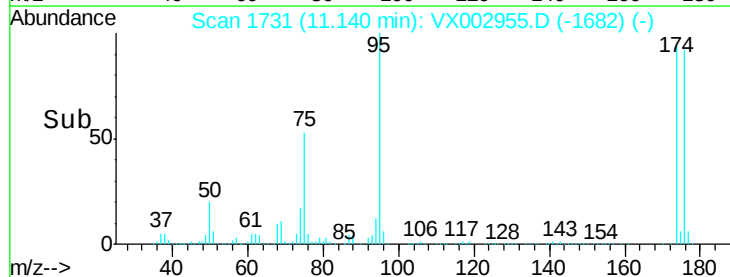
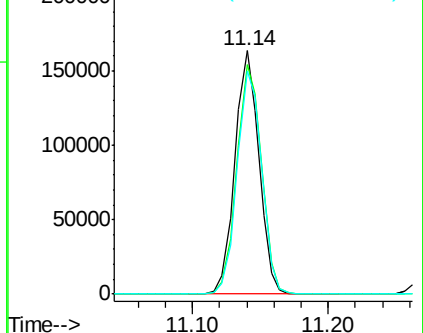
176 93.8 0.0 181.0

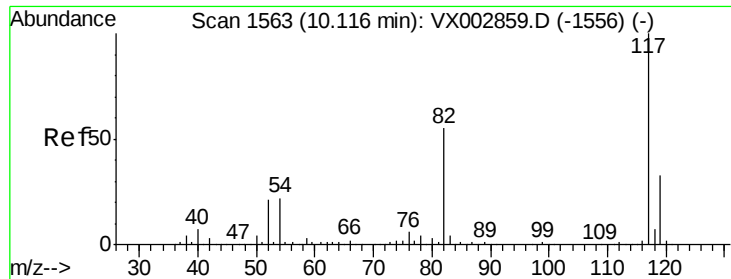


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

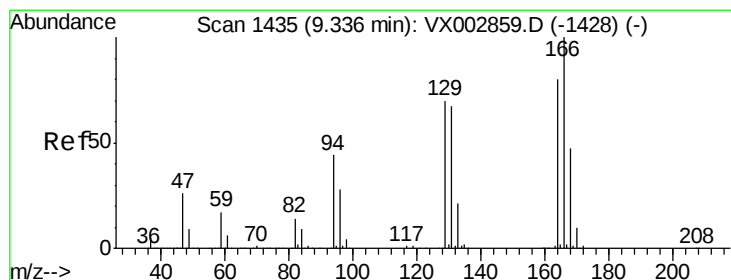
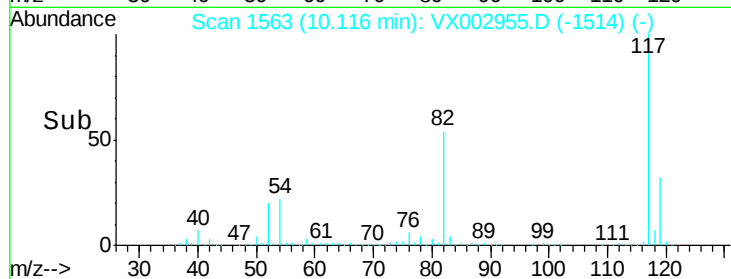
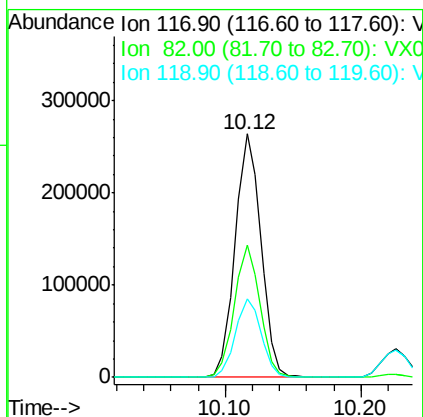
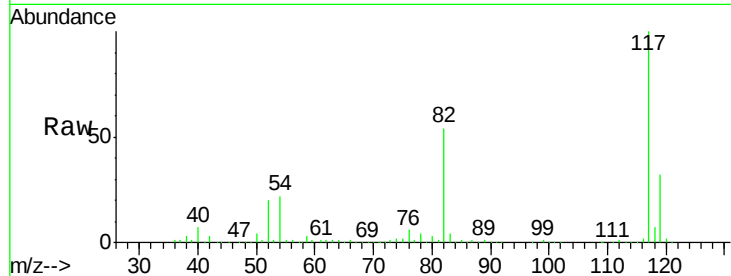




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

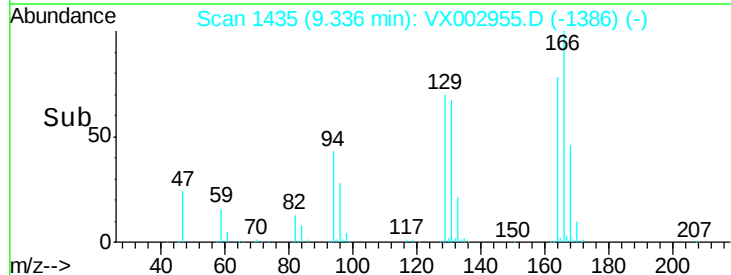
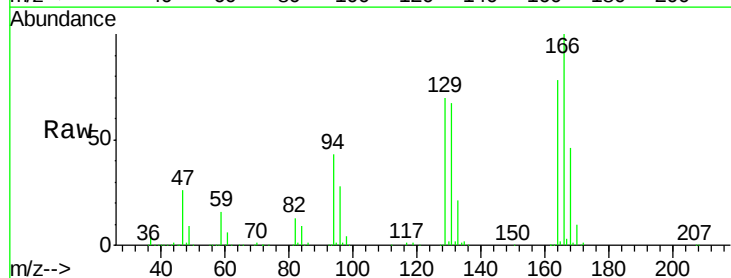
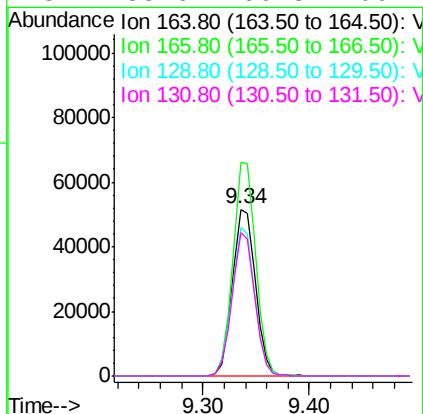
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion:117 Resp: 350071
Ion Ratio Lower Upper
117 100
82 54.4 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 20.22 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion:164 Resp: 78715
Ion Ratio Lower Upper
164 100
166 128.1 102.9 154.3
129 89.4 68.6 102.8
131 85.6 66.8 100.2





#65

Chlorobenzene

Concen: 20.01 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

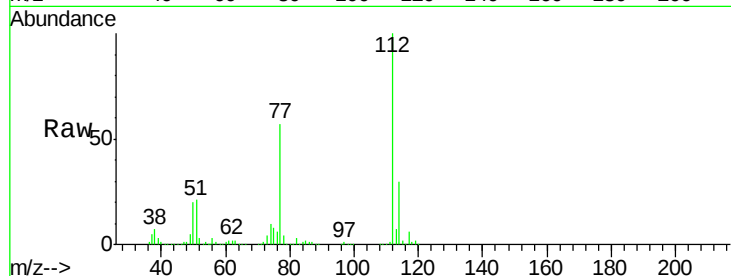
VX0627WBSD02

Tot Ion:112 Resp: 177914

Ion Ratio Lower Upper

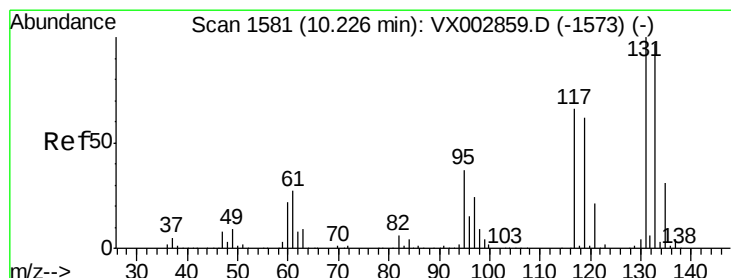
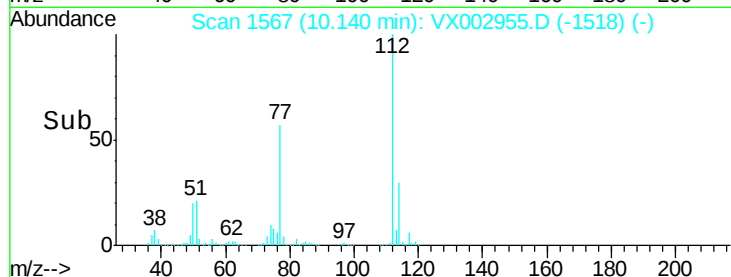
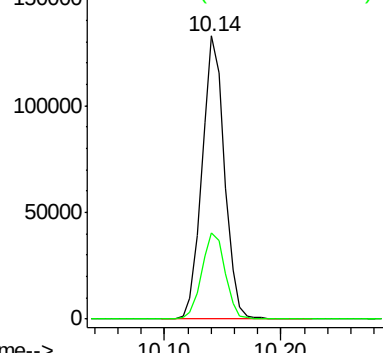
112 100

114 30.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.72 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

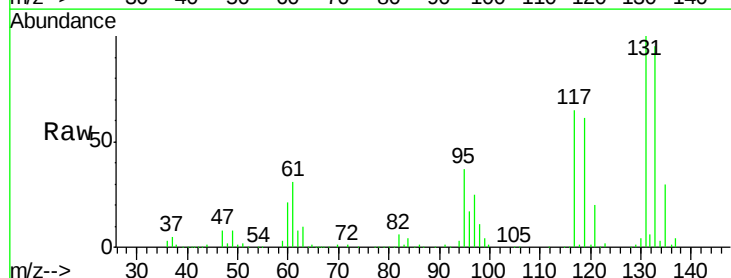
Tgt Ion:131 Resp: 63695

Ion Ratio Lower Upper

131 100

133 95.6 47.9 143.6

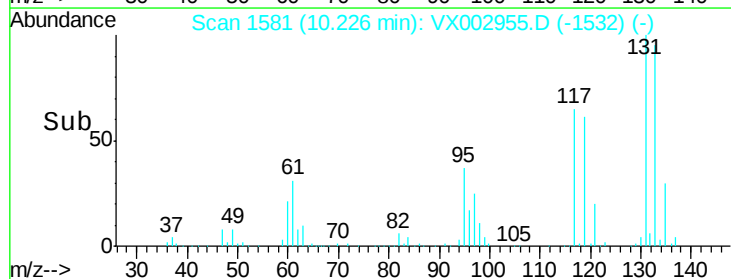
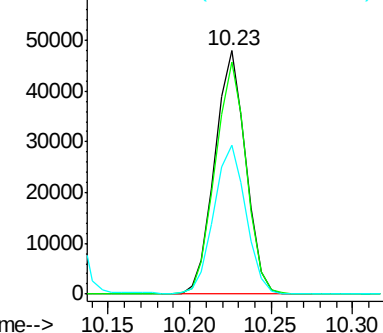
119 63.2 31.8 95.3

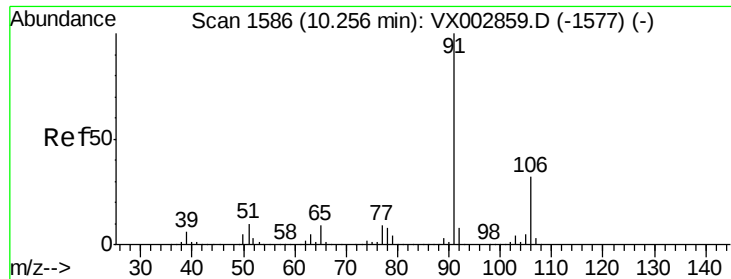


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

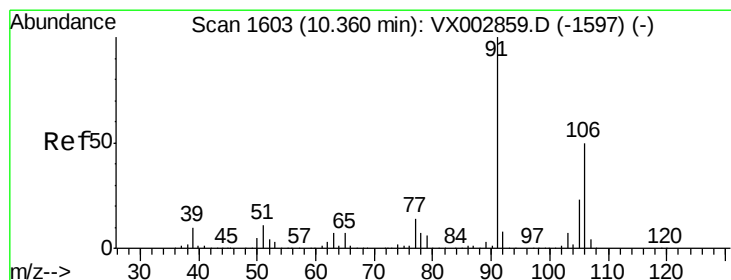
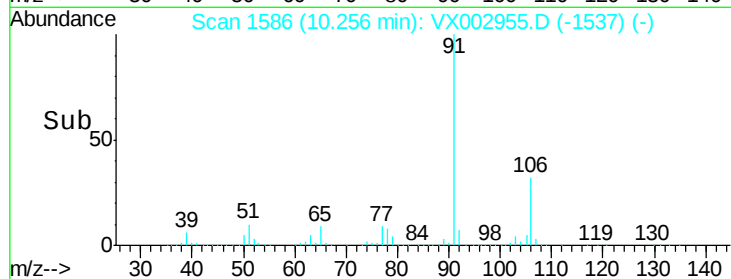
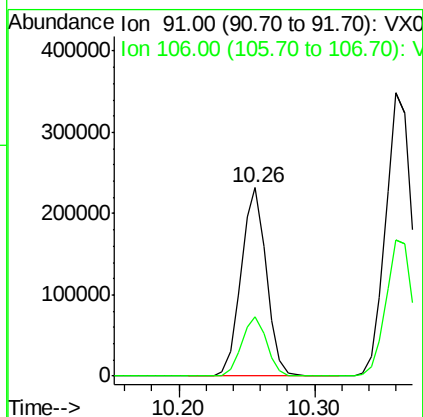
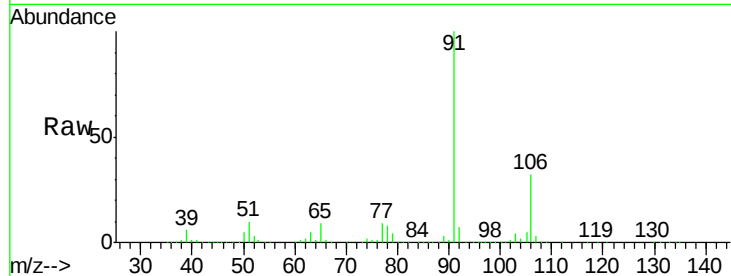




#67
Ethyl Benzene
Concen: 20.37 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

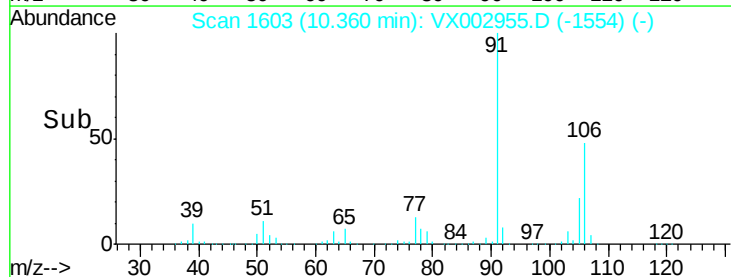
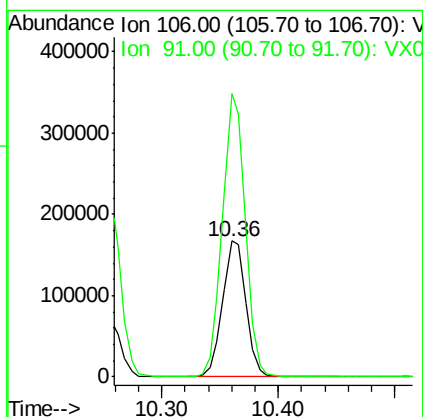
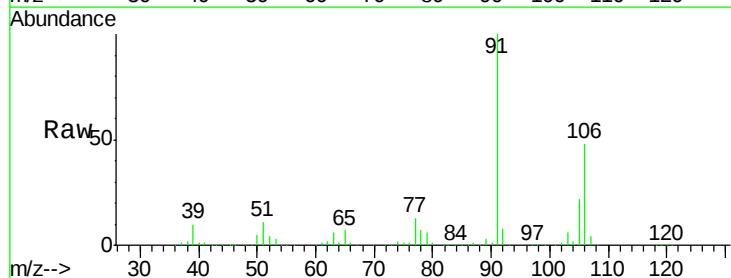
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

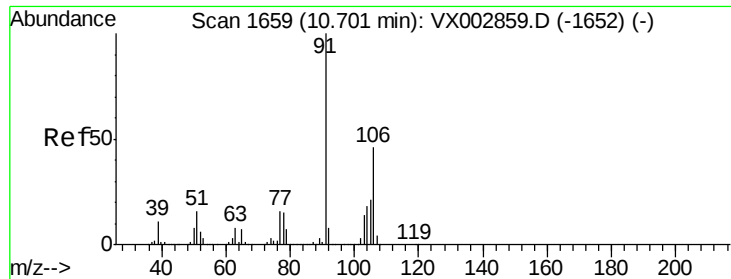
Tot Ion: 91 Resp: 299274
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 40.78 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion: 106 Resp: 230847
Ion Ratio Lower Upper
106 100
91 205.0 163.4 245.2

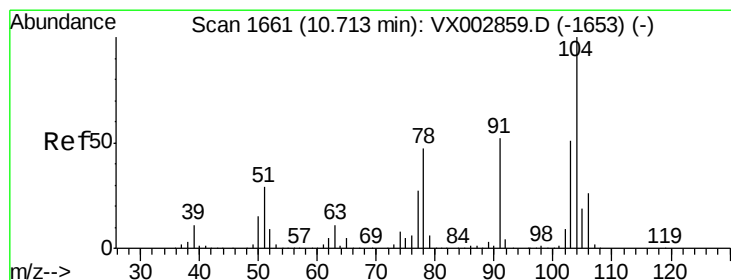
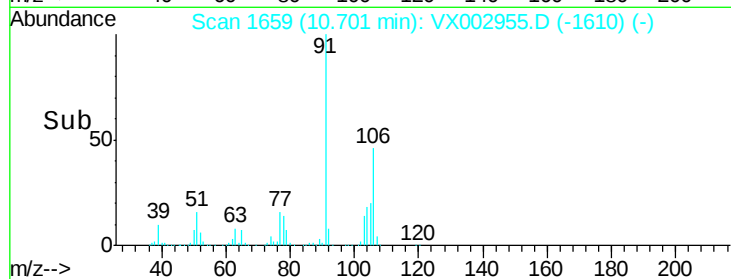
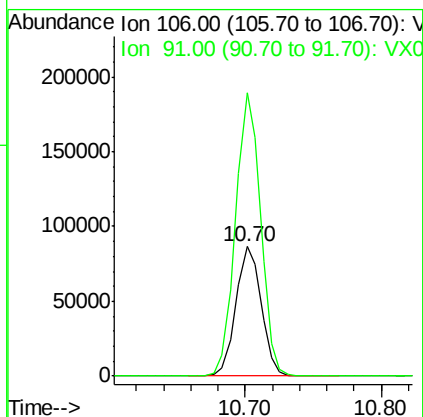
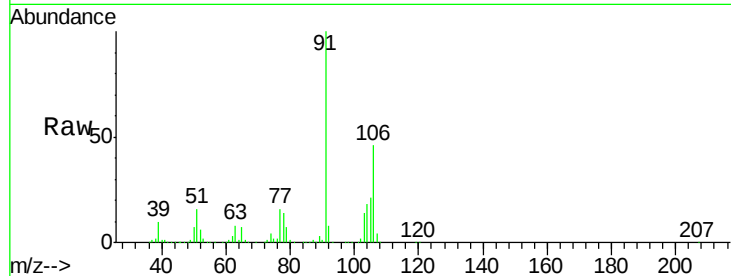




#69
o-Xylene
Concen: 20.32 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

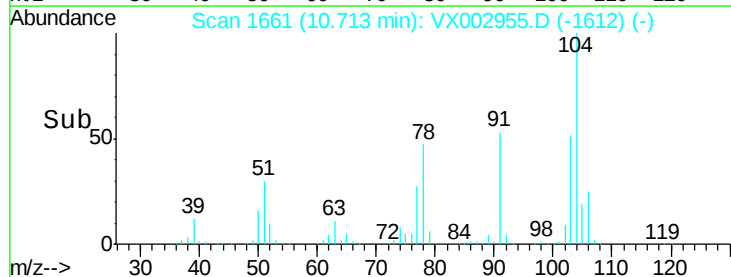
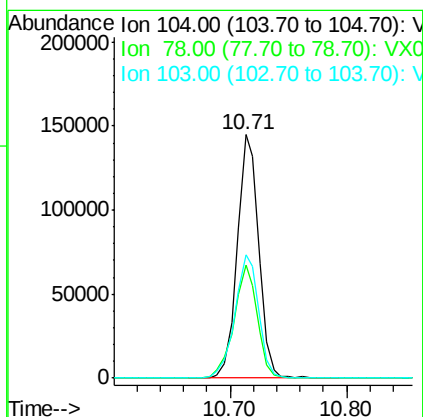
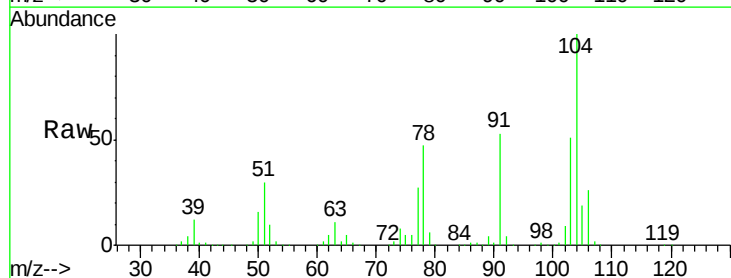
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion:106 Resp: 112015
Ion Ratio Lower Upper
106 100
91 217.0 108.2 324.6



#70
Styrene
Concen: 20.84 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion:104 Resp: 186648
Ion Ratio Lower Upper
104 100
78 50.3 41.0 61.6
103 56.0 44.2 66.4

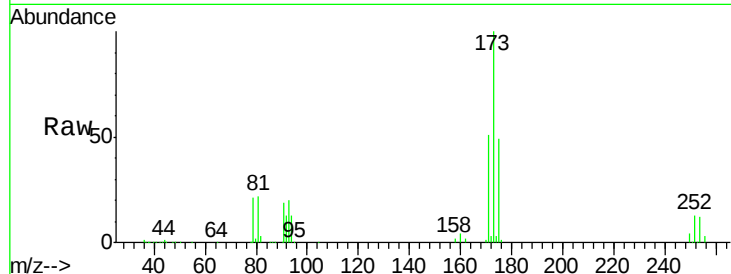




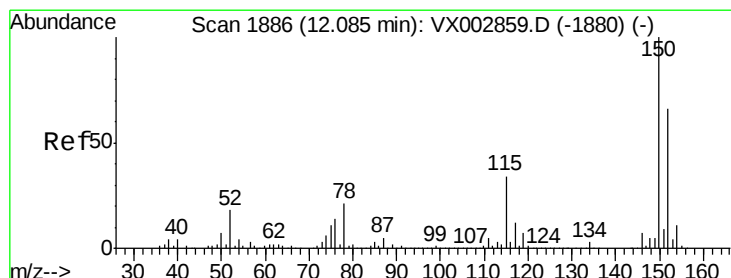
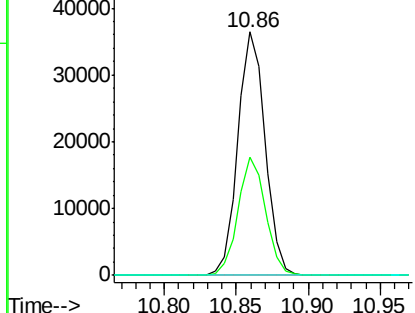
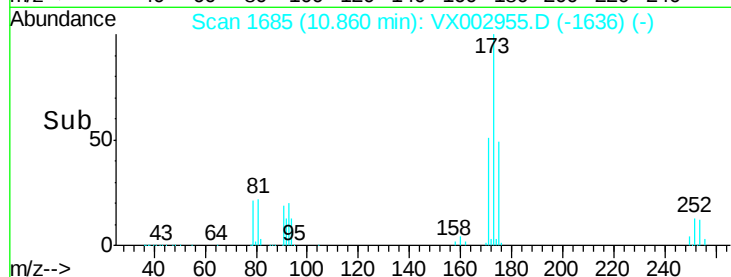
#71
Bromoform
Concen: 19.05 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion:173 Resp: 47949
Ion Ratio Lower Upper
173 100
175 49.0 24.7 74.1
254 0.1 0.2 0.2#

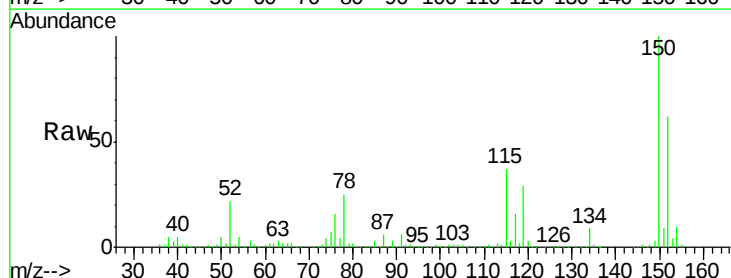


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

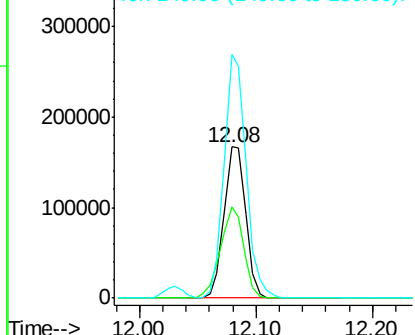
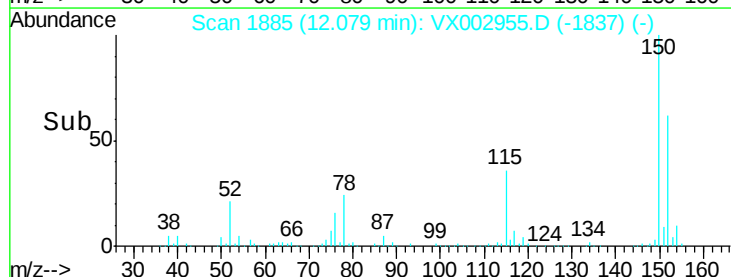


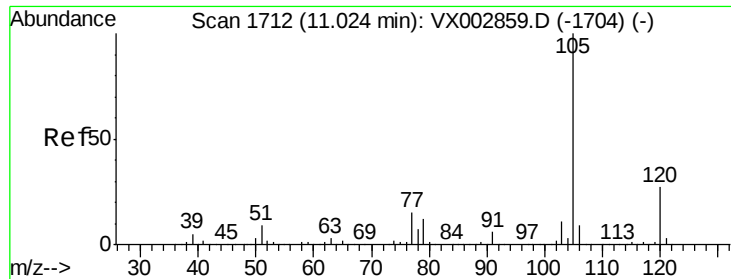
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion:152 Resp: 215349
Ion Ratio Lower Upper
152 100
115 64.2 40.1 120.2
150 163.7 0.0 347.2



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: 21.05 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

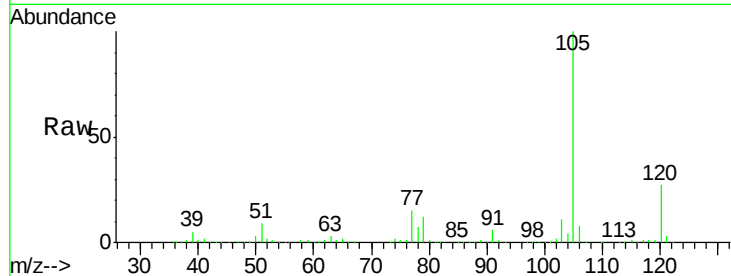
VX0627WBSD02

Tot Ion:105 Resp: 304944

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

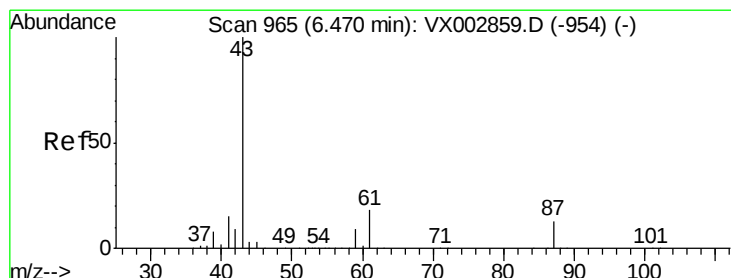
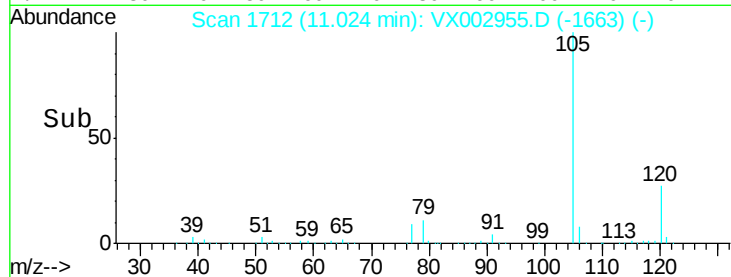
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.19 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Tgt Ion: 43 Resp: 143140

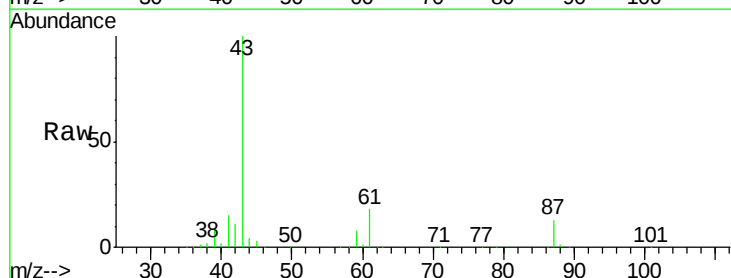
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.4 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

60000

40000

20000

0

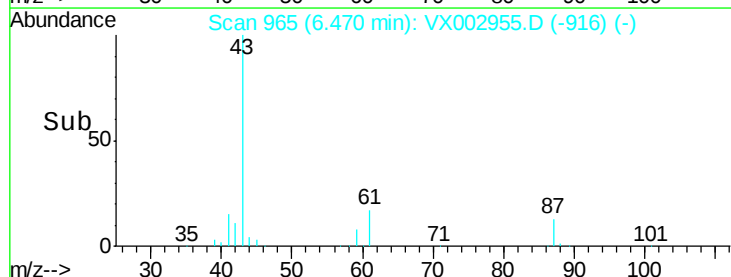
6.47

6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.74 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

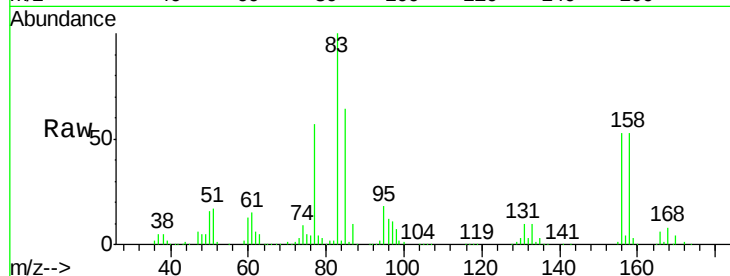
Tot Ion: 83 Resp: 92536

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

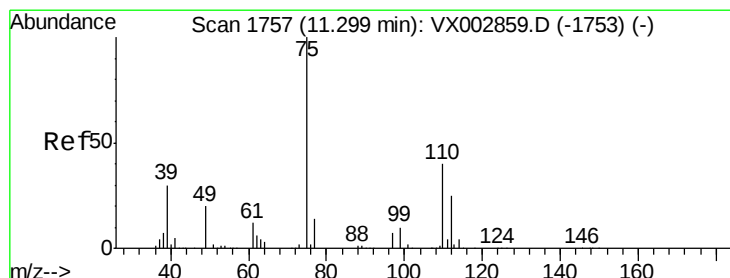
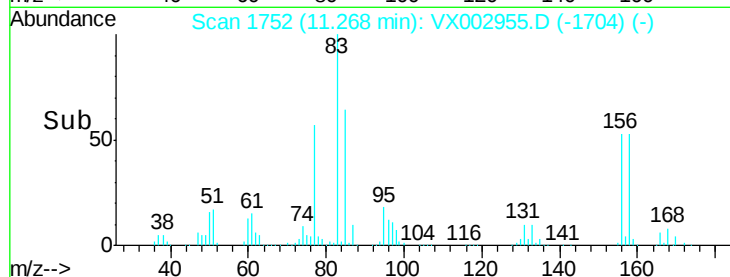
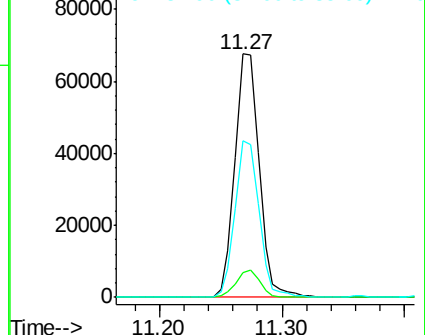
85 64.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.81 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002955.D

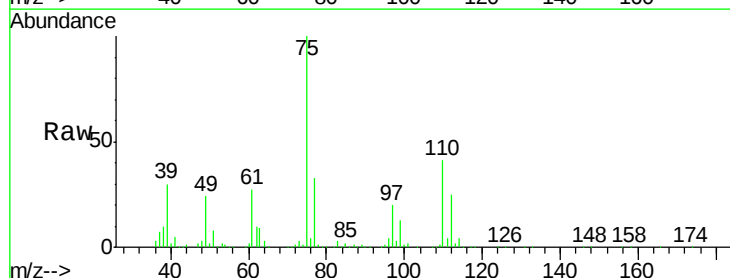
Acq: 28 Jun 2018 00:27

Tgt Ion: 75 Resp: 100681

Ion Ratio Lower Upper

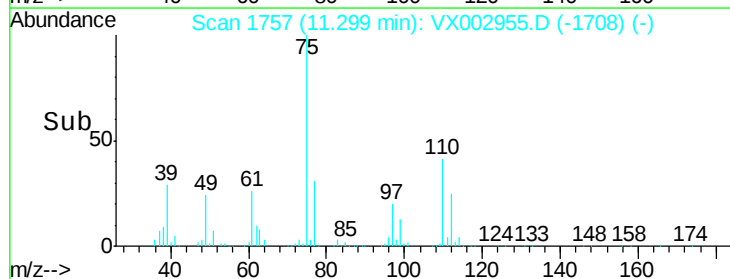
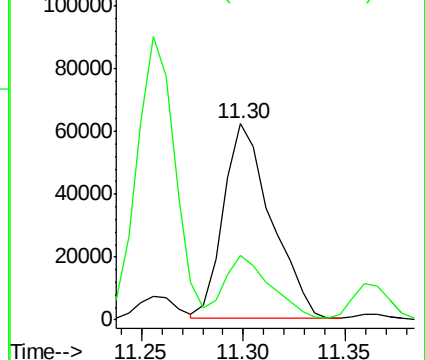
75 100

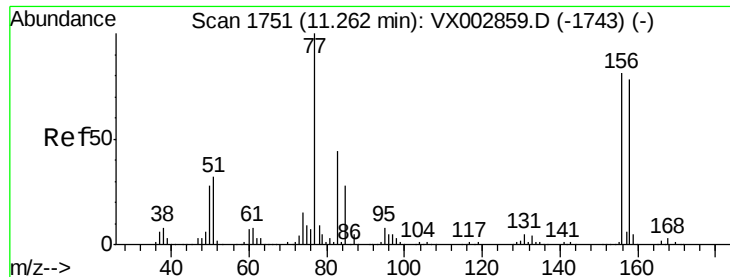
77 32.8 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.61 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

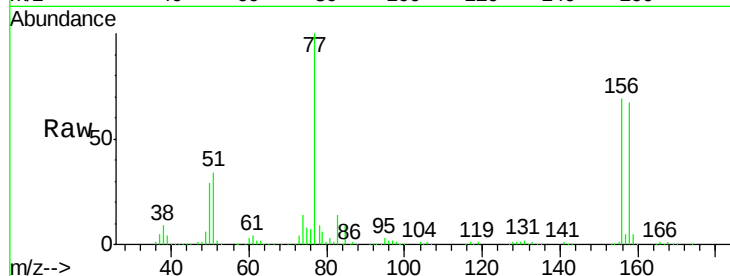
Tot Ion:156 Resp: 85032

Ion Ratio Lower Upper

156 100

77 137.3 71.4 214.2

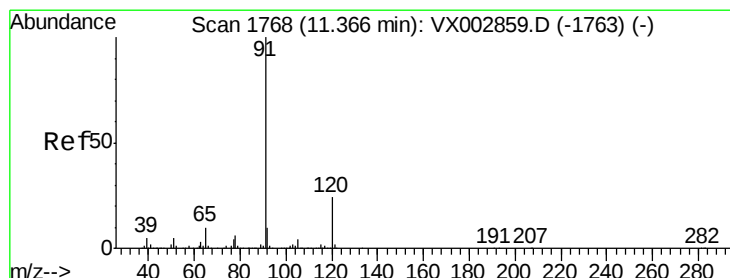
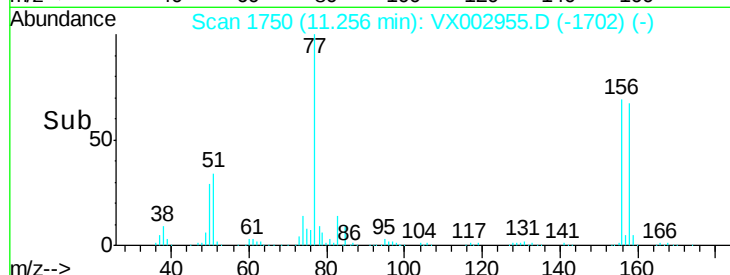
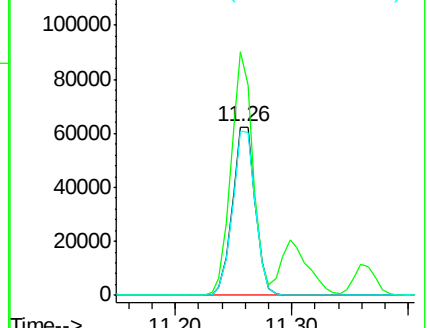
158 97.7 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.88 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002955.D

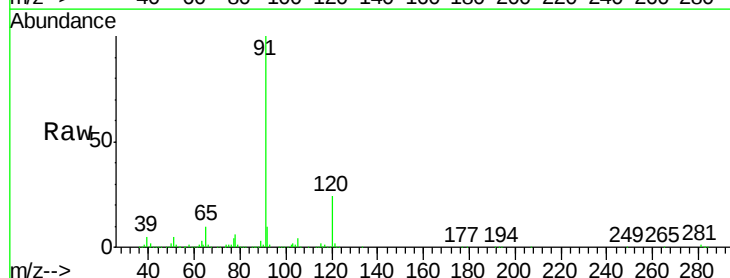
Acq: 28 Jun 2018 00:27

Tgt Ion: 91 Resp: 344304

Ion Ratio Lower Upper

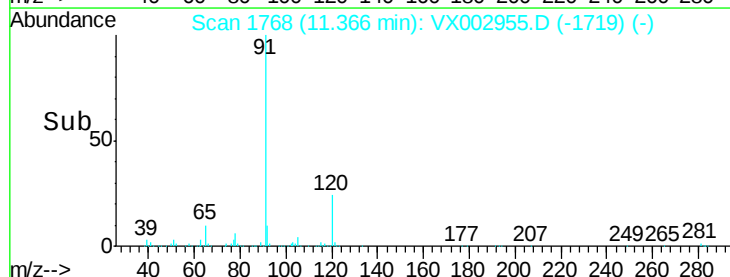
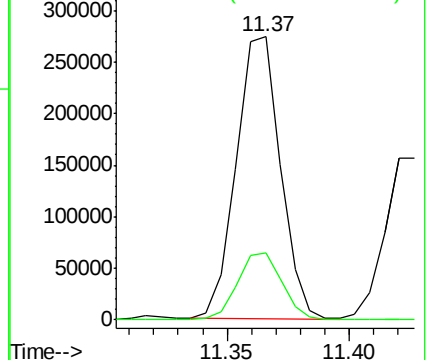
91 100

120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

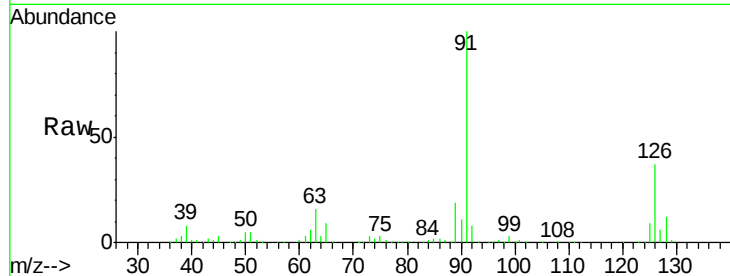
VX0627WBSD02

Tot Ion: 91 Resp: 206908

Ion Ratio Lower Upper

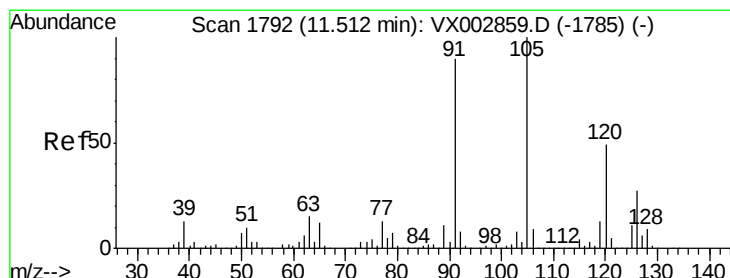
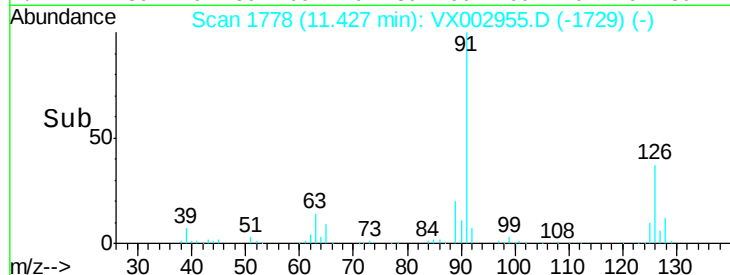
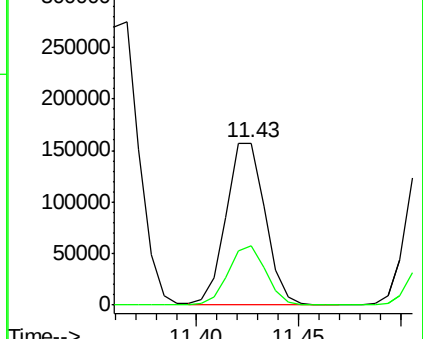
91 100

126 35.7 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.17 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002955.D

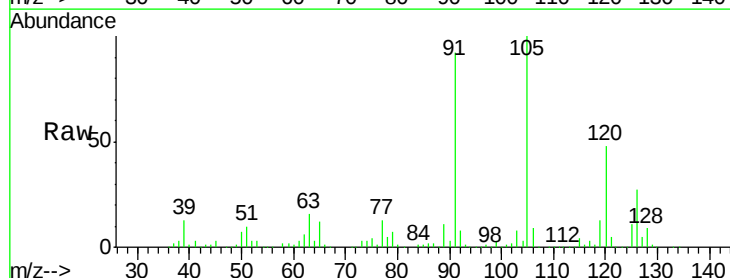
Acq: 28 Jun 2018 00:27

Tgt Ion:105 Resp: 258336

Ion Ratio Lower Upper

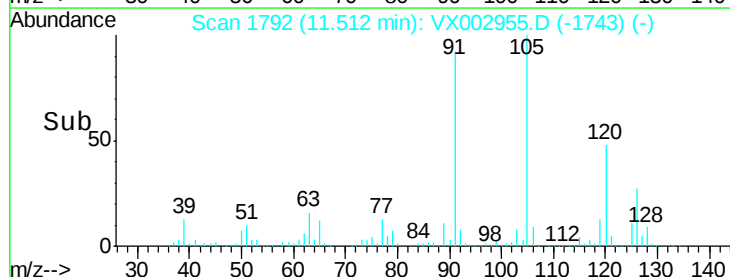
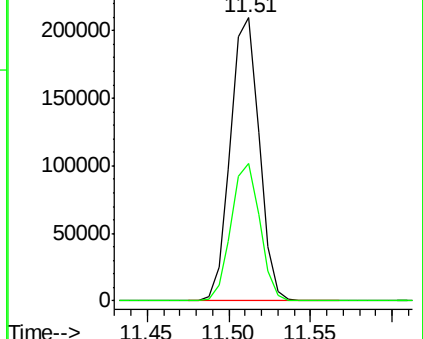
105 100

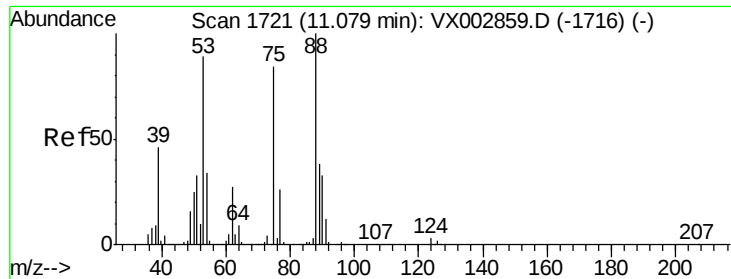
120 48.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

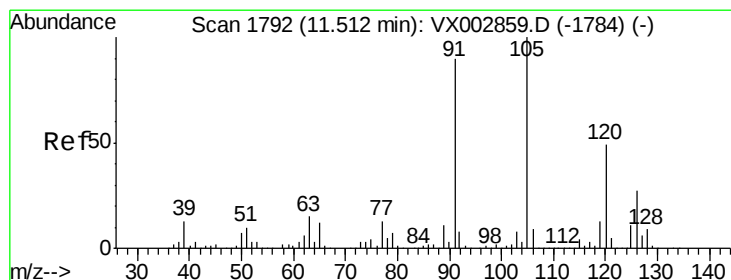
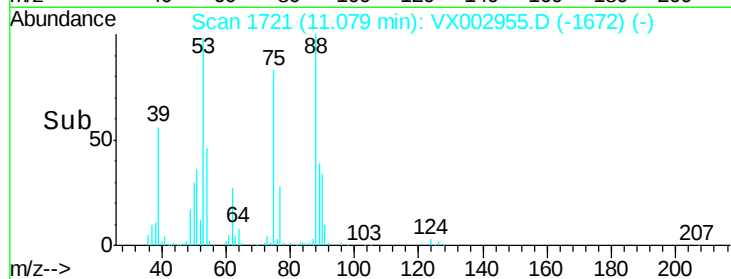
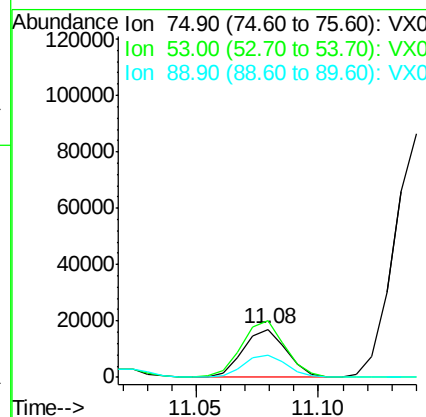
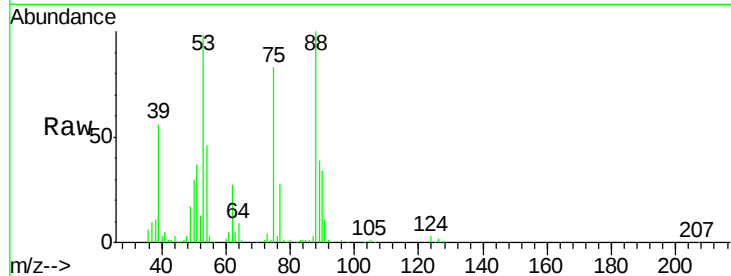




#81
trans-1,4-Dichloro-2-butene
Concen: 18.00 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

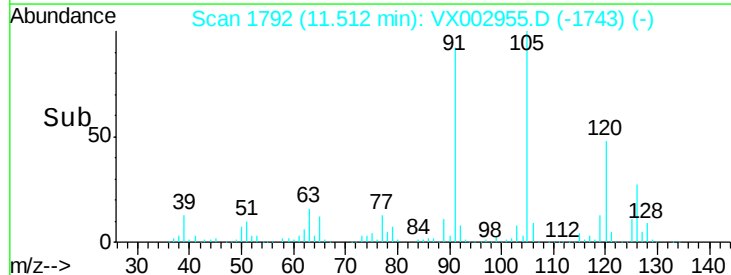
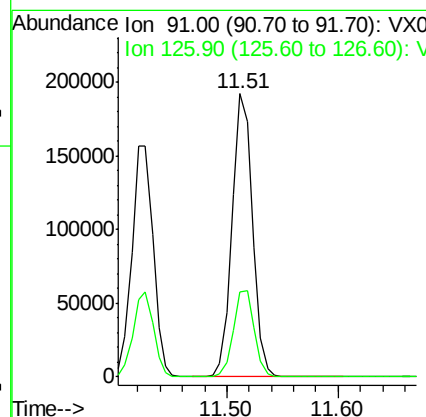
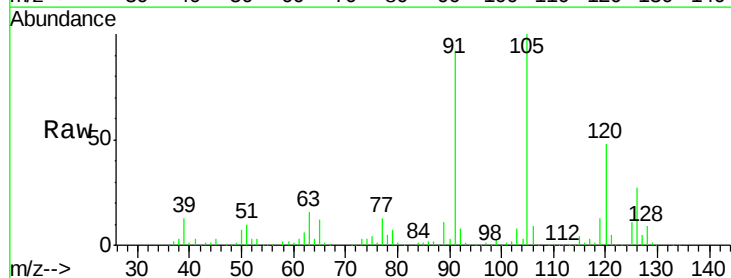
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

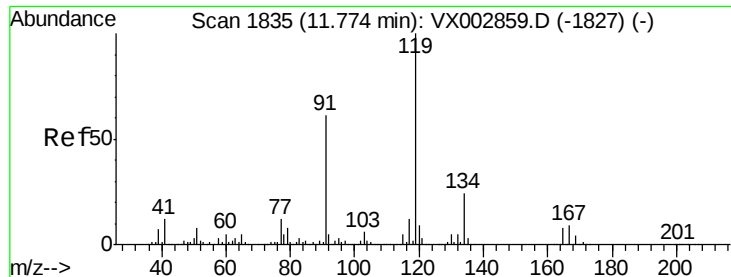
Tot Ion: 75 Resp: 21096
Ion Ratio Lower Upper
75 100
53 117.6 86.8 130.2
89 47.1 38.2 57.2



#82
4-Chlorotoluene
Concen: 20.57 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion: 91 Resp: 243129
Ion Ratio Lower Upper
91 100
126 31.1 15.4 46.4

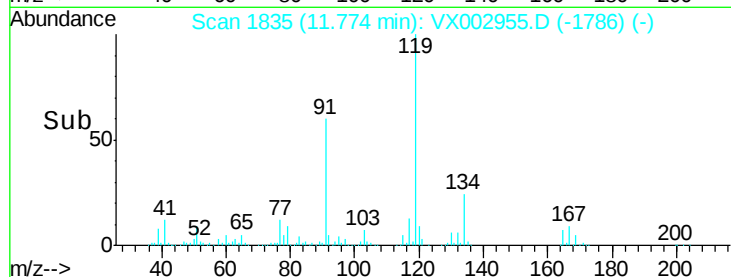
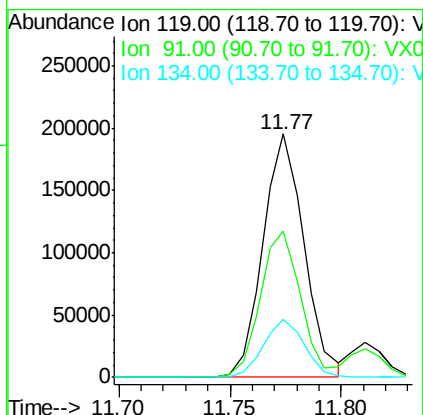
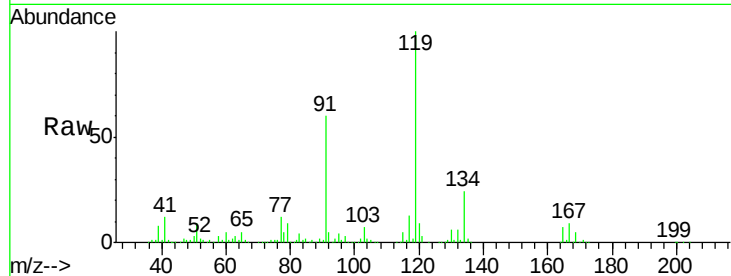




#83
tert-Butylbenzene
Concen: 20.80 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

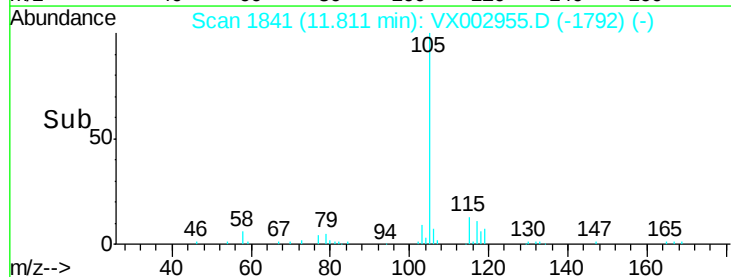
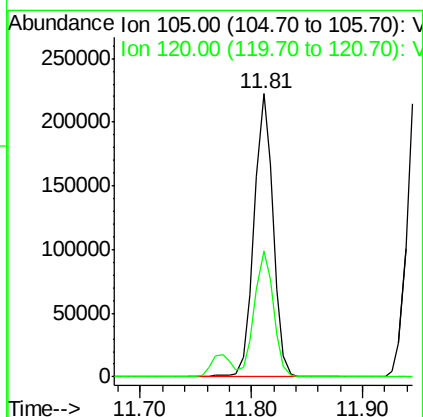
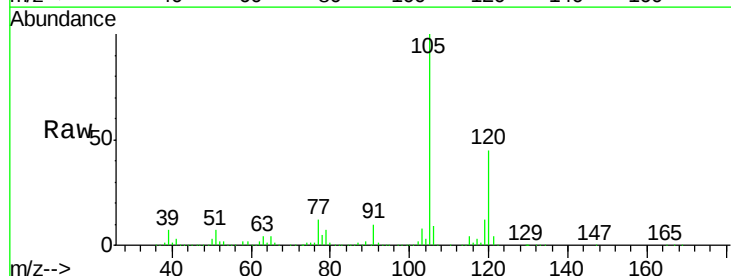
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

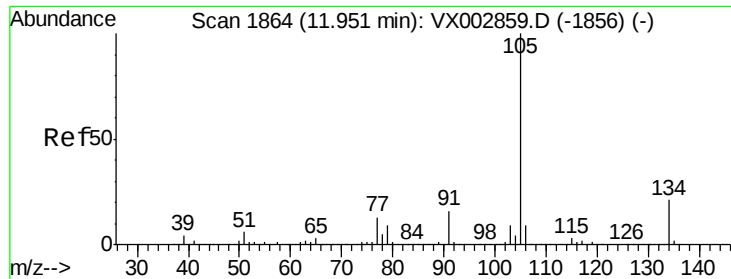
Tot Ion:119 Resp: 250184
Ion Ratio Lower Upper
119 100
91 59.6 30.3 90.9
134 23.5 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.96 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion:105 Resp: 265001
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.8

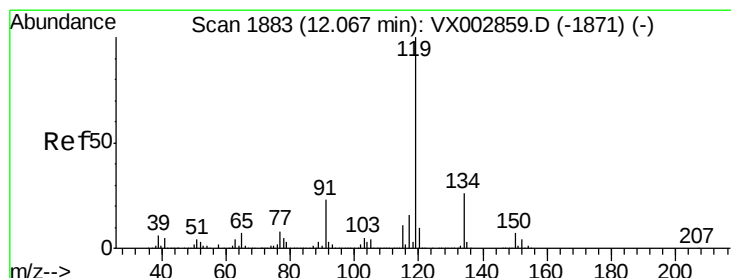
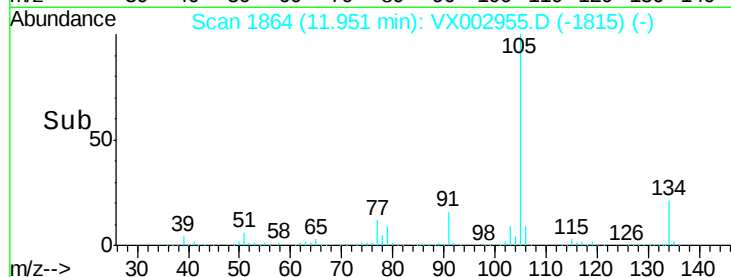
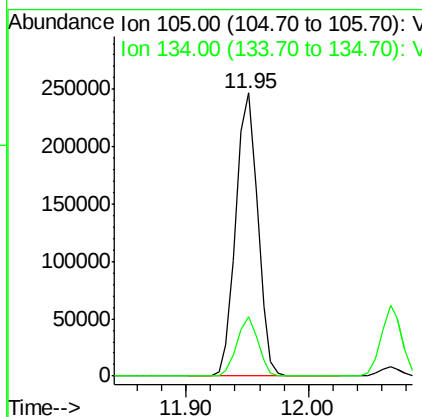
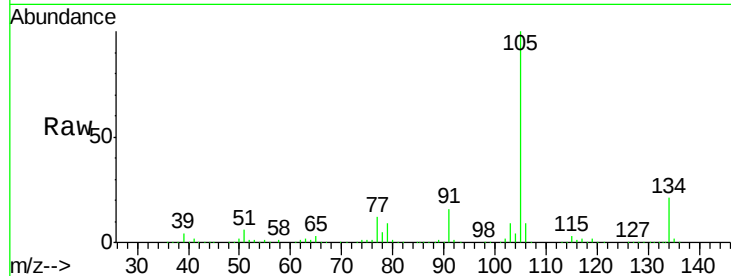




#85
 sec-Butylbenzene
 Concen: 20.89 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

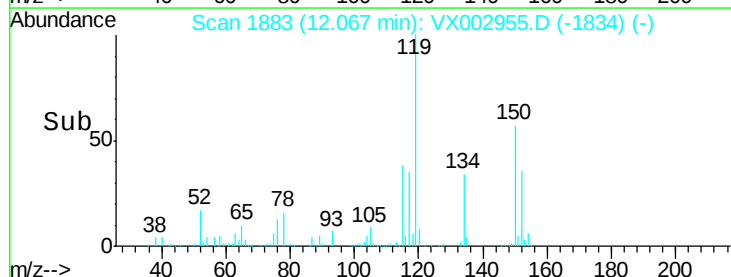
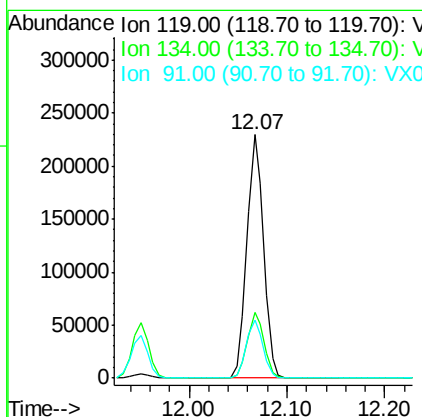
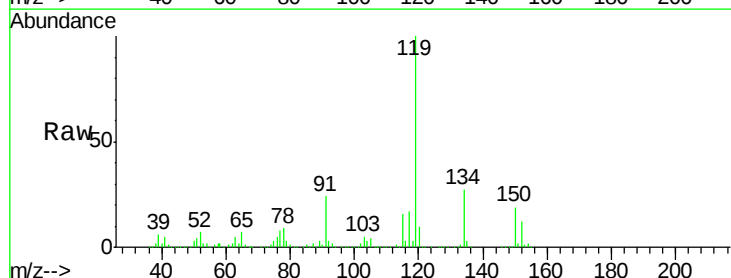
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion:105 Resp: 304727
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.77 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

Tgt Ion:119 Resp: 272399
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.4 40.1
 91 23.8 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 20.53 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

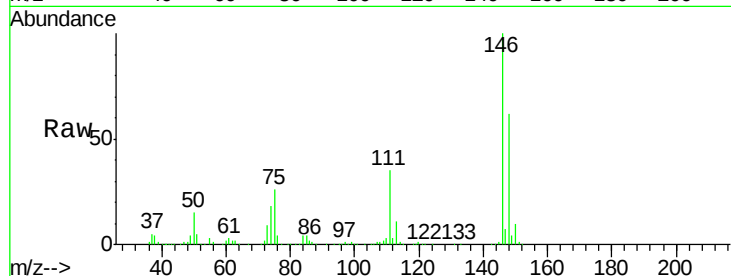
Tot Ion:146 Resp: 154697

Ion Ratio Lower Upper

146 100

111 36.8 18.9 56.7

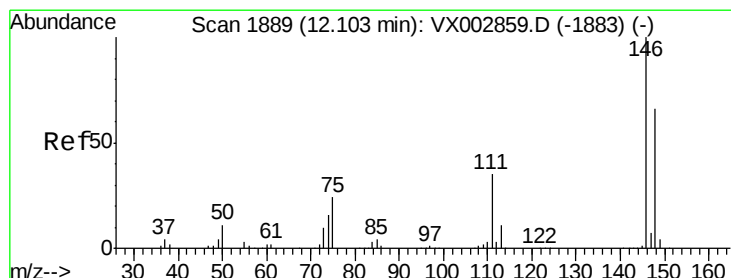
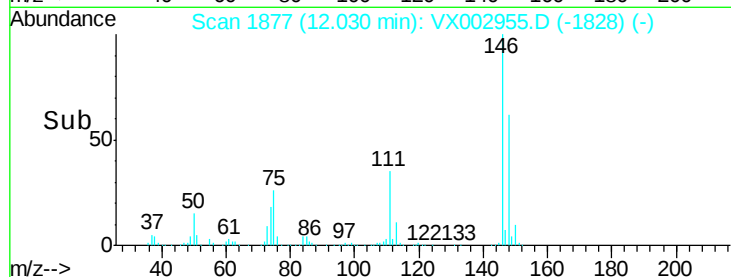
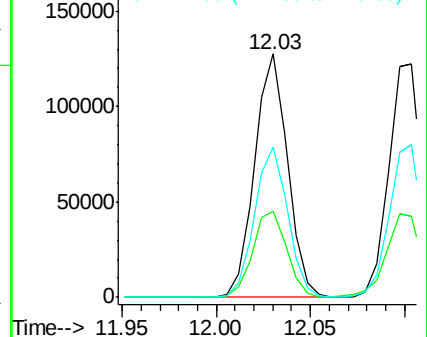
148 62.2 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 20.11 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

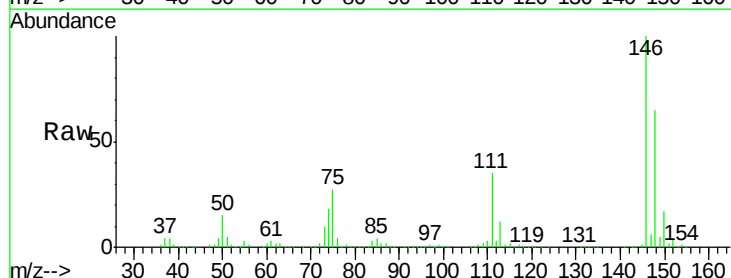
Tgt Ion:146 Resp: 155927

Ion Ratio Lower Upper

146 100

111 37.0 18.7 56.1

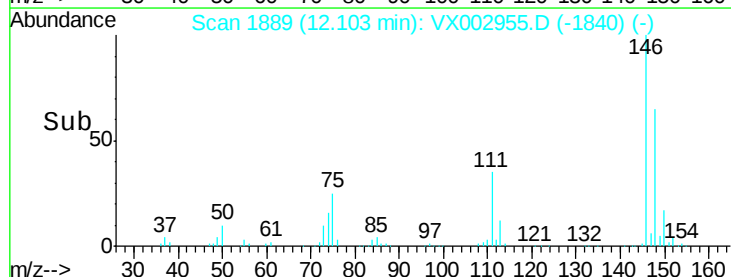
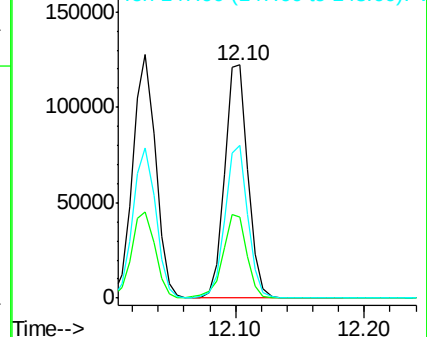
148 64.5 32.4 97.0

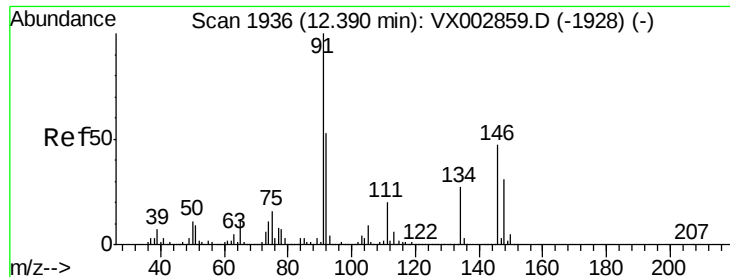


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

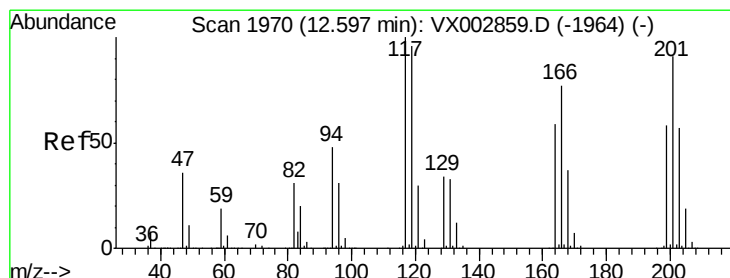
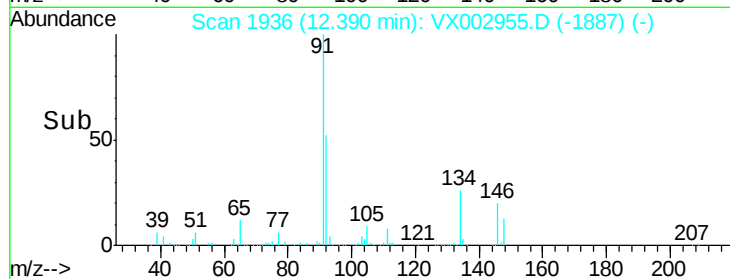
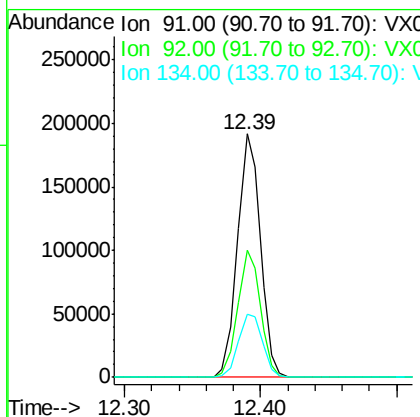
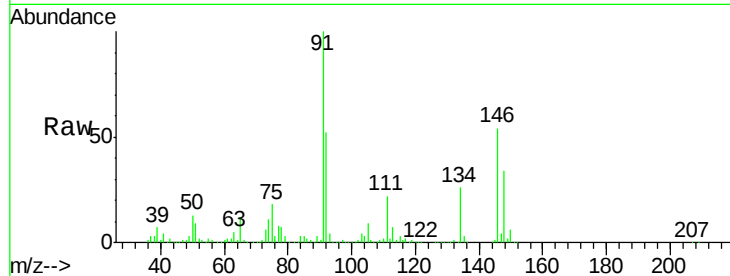




#89
n-Butylbenzene
Concen: 19.70 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

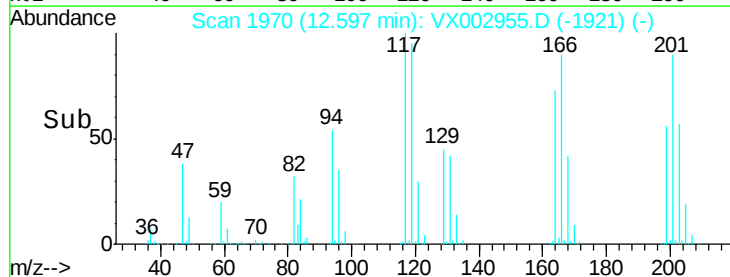
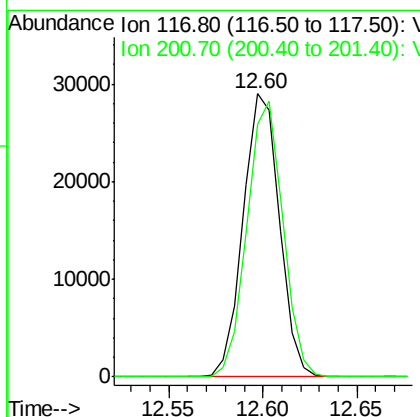
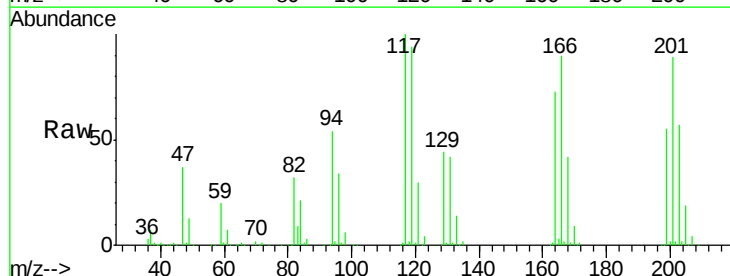
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

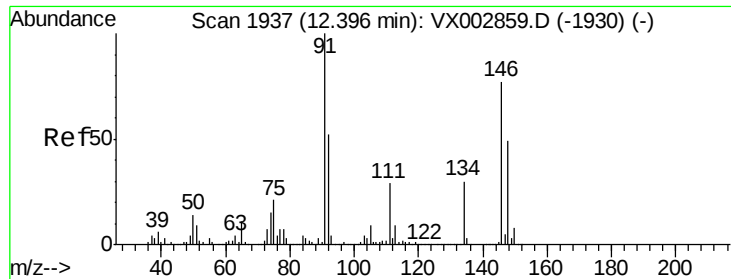
Tot Ion: 91 Resp: 224904
Ion Ratio Lower Upper
91 100
92 51.7 26.0 78.0
134 27.3 13.5 40.5



#90
Hexachloroethane
Concen: 19.84 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX002955.D
Acq: 28 Jun 2018 00:27

Tgt Ion: 117 Resp: 38699
Ion Ratio Lower Upper
117 100
201 96.7 49.0 147.0

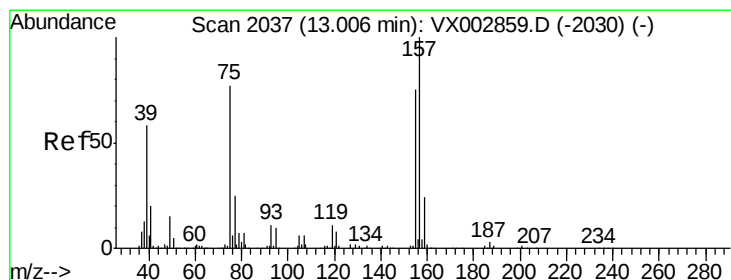
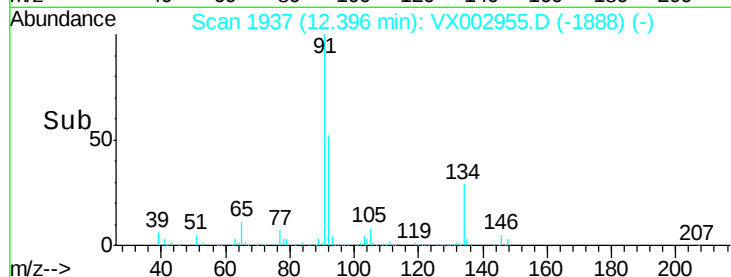
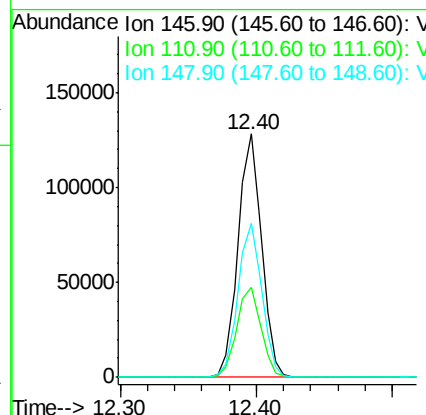
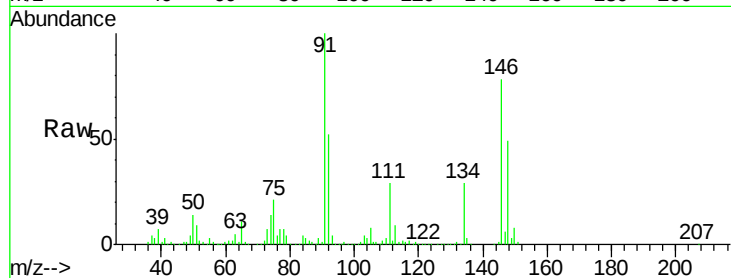




#91
 1,2-Dichlorobenzene
 Concen: 20.37 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

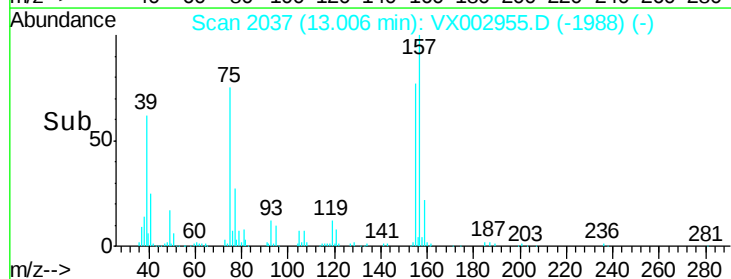
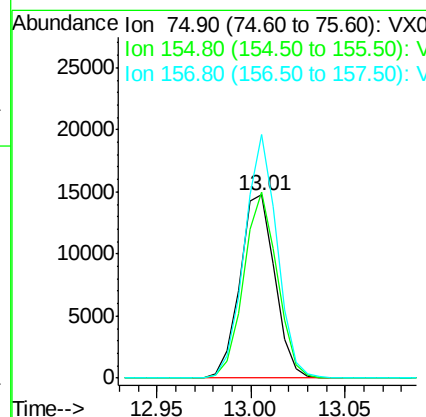
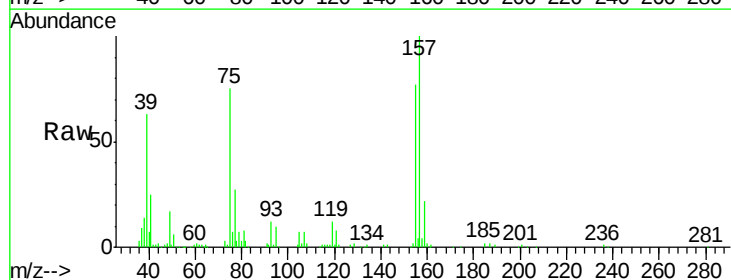
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

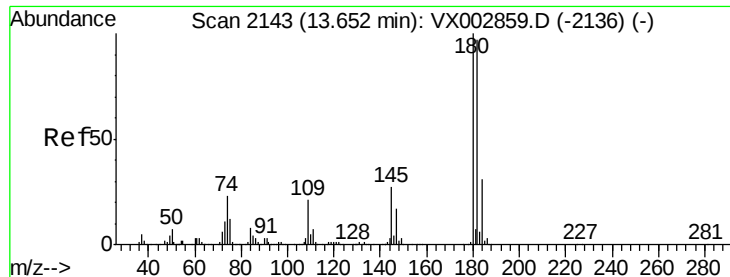
Tot Ion:146 Resp: 154898
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.4 58.1
 148 64.1 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.99 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

Tgt Ion: 75 Resp: 19052
 Ion Ratio Lower Upper
 75 100
 155 96.3 45.8 137.4
 157 123.4 60.1 180.3

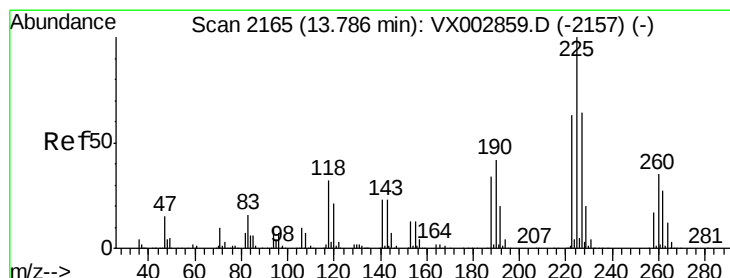
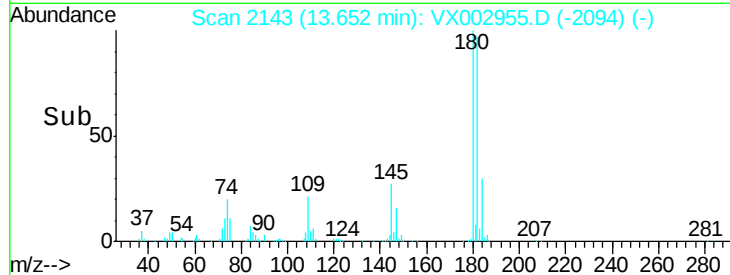
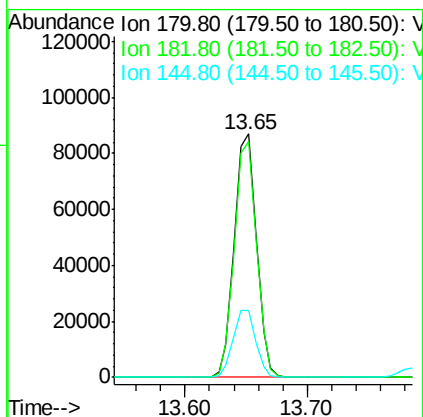
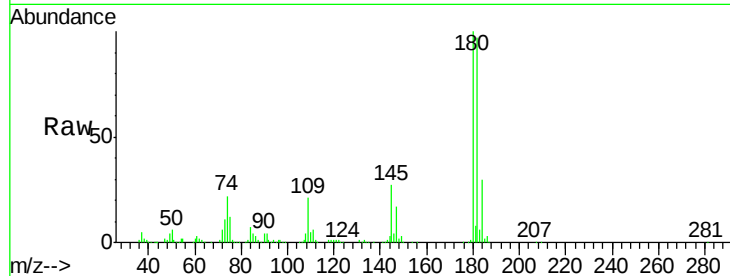




#93
 1,2,4-Trichlorobenzene
 Concen: 19.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

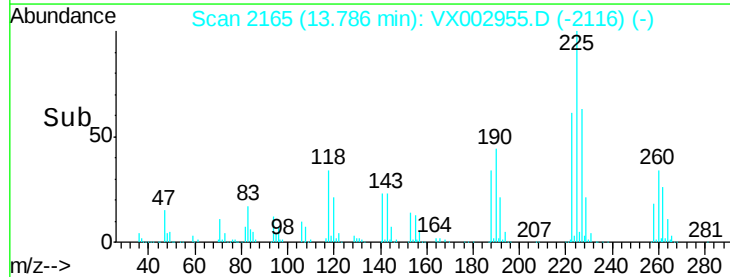
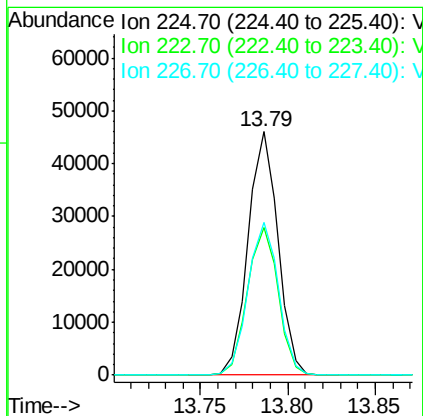
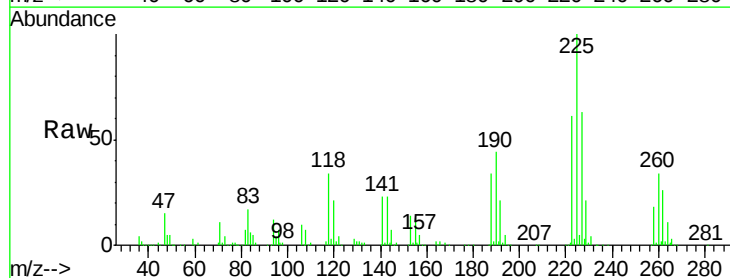
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

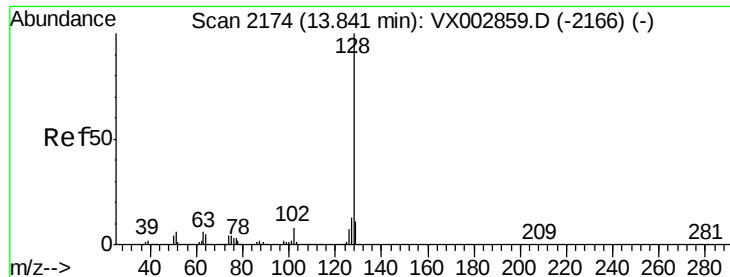
Tot Ion:180 Resp: 108608
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.7 143.1
 145 28.2 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.72 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002955.D
 Acq: 28 Jun 2018 00:27

Tgt Ion:225 Resp: 54439
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.6 95.0
 227 64.2 32.4 97.2





#95

Naphthalene

Concen: 20.77 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

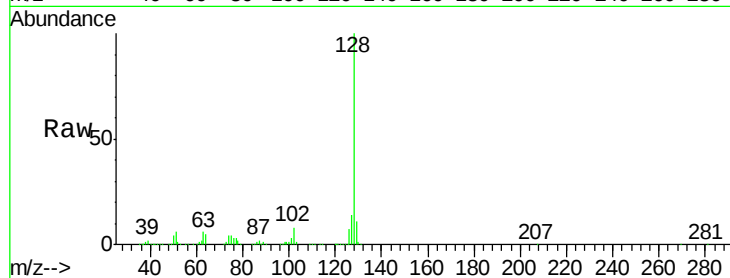
Tot Ion:128 Resp: 306133

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

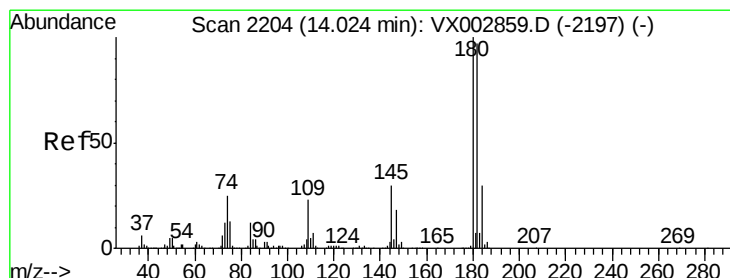
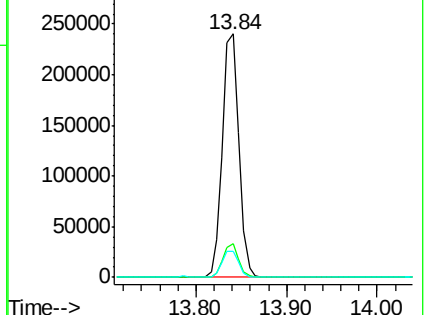
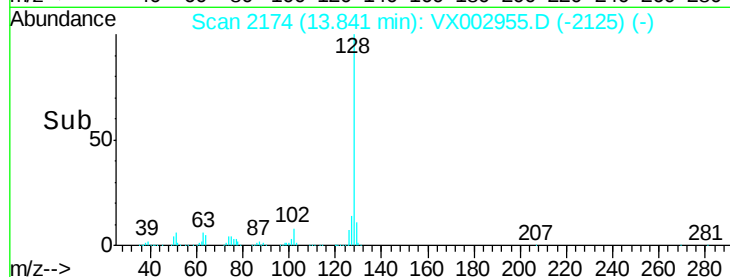
129 10.9 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.39 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002955.D

Acq: 28 Jun 2018 00:27

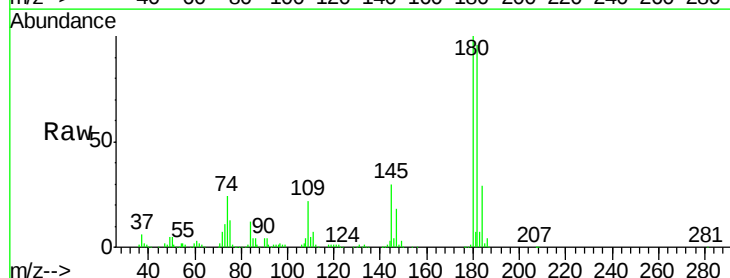
Tgt Ion:180 Resp: 112742

Ion Ratio Lower Upper

180 100

182 95.3 48.0 144.0

145 29.9 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

