

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010507.D
 Acq On : 28 Jun 2019 00:16
 Operator : JC/SP
 Sample : VX0627WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Quant Time: Jun 28 06:54:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	341954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173497	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	116743	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	5.50	113	115342	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	8.71	98	428936	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
62) 4-Bromofluorobenzene	11.13	95	150487	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30468	17.573	ug/l	97
3) Chloromethane	1.32	50	34692	17.184	ug/l	100
4) Vinyl Chloride	1.41	62	39013	17.643	ug/l	99
5) Bromomethane	1.64	94	21775	20.213	ug/l	95
6) Chloroethane	1.72	64	24914	19.097	ug/l	99
7) Trichlorofluoromethane	1.93	101	66663	19.017	ug/l	100
8) Diethyl Ether	2.19	74	24108	19.178	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38787	18.259	ug/l	100
10) Methyl Iodide	2.51	142	55506	18.309	ug/l	99
11) Tert butyl alcohol	3.05	59	54755	89.495	ug/l	97
12) 1,1-Dichloroethene	2.37	96	39100	18.089	ug/l	98
13) Acrolein	2.29	56	27891	68.719	ug/l	96
14) Allyl chloride	2.73	41	54759	17.844	ug/l	100
15) Acrylonitrile	3.14	53	118608	97.914	ug/l	99
16) Acetone	2.45	43	98959	84.449	ug/l	99
17) Carbon Disulfide	2.57	76	89319	15.402	ug/l	97
18) Methyl Acetate	2.78	43	47498	20.337	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	130779	19.232	ug/l	99
20) Methylene Chloride	2.85	84	45805	18.994	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	42592	18.321	ug/l	97
22) Diisopropyl ether	3.86	45	122372	19.072	ug/l	89
23) Vinyl Acetate	3.82	43	521896	94.156	ug/l	99
24) 1,1-Dichloroethane	3.70	63	71159	19.187	ug/l	99
25) 2-Butanone	4.67	43	160747	93.516	ug/l	98
26) 2,2-Dichloropropane	4.59	77	43778	13.588	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	50767	18.897	ug/l	97
28) Bromochloromethane	5.01	49	35441	19.987	ug/l	99
29) Tetrahydrofuran	5.13	42	100179	94.091	ug/l	97
30) Chloroform	5.21	83	75526	18.927	ug/l	99
31) Cyclohexane	5.58	56	60635	17.953	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	65768	18.665	ug/l	100
36) 1,1-Dichloropropene	5.81	75	52346	17.541	ug/l	99
37) Ethyl Acetate	4.84	43	59170	19.274	ug/l	99
38) Carbon Tetrachloride	5.78	117	57983	17.943	ug/l	96

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 VX0627WBSD02

Quant Time: Jun 28 06:54:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68000	17.335	ug/l	98
40) Benzene	6.15	78	175152	18.839	ug/l	99
41) Methacrylonitrile	5.05	41	31628	18.776	ug/l	97
42) 1,2-Dichloroethane	6.19	62	55737	19.695	ug/l	100
43) Isopropyl Acetate	6.45	43	96461	18.991	ug/l	99
44) Trichloroethene	7.21	130	51088	18.364	ug/l	100
45) 1,2-Dichloropropane	7.51	63	44488	18.949	ug/l	97
46) Dibromomethane	7.66	93	32005	19.000	ug/l	98
47) Bromodichloromethane	7.90	83	55881	18.102	ug/l	95
48) Methyl methacrylate	7.77	41	44249	18.742	ug/l	97
49) 1,4-Dioxane	7.74	88	27664	406.752	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	319319	98.297	ug/l	99
52) Toluene	8.79	92	114660	18.728	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57426	16.592	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	65383	17.384	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48762	19.311	ug/l	98
56) Ethyl methacrylate	9.18	69	70415	18.409	ug/l	98
57) 1,3-Dichloropropane	9.37	76	74746	19.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	170080	93.623	ug/l	99
59) 2-Hexanone	9.49	43	248242	97.095	ug/l	100
60) Dibromochloromethane	9.58	129	49638	17.557	ug/l	99
61) 1,2-Dibromoethane	9.67	107	51063	18.735	ug/l	99
64) Tetrachloroethene	9.34	164	54621	19.749	ug/l	98
65) Chlorobenzene	10.14	112	129191	18.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	46691	18.464	ug/l	98
67) Ethyl Benzene	10.25	91	219526	18.731	ug/l	99
68) m/p-Xylenes	10.36	106	168786	37.167	ug/l	100
69) o-Xylene	10.69	106	83830	18.771	ug/l	99
70) Styrene	10.71	104	140760	18.794	ug/l	99
71) Bromoform	10.85	173	37833	17.204	ug/l	# 99
73) Isopropylbenzene	11.02	105	221104	18.800	ug/l	99
74) N-amyl acetate	10.90	43	84120	18.926	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	75198	19.307	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	77375	24.474	ug/l	81
77) Bromobenzene	11.26	156	62351	18.986	ug/l	97
78) n-propylbenzene	11.36	91	237638	18.385	ug/l	100
79) 2-Chlorotoluene	11.42	91	142572	18.523	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	179894	18.554	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	19520	14.404	ug/l	89
82) 4-Chlorotoluene	11.51	91	162402	18.542	ug/l	98
83) tert-Butylbenzene	11.77	119	178825	18.376	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	182966	18.783	ug/l	99
85) sec-Butylbenzene	11.94	105	213300	18.668	ug/l	100
86) p-Isopropyltoluene	12.06	119	192338	18.199	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	107251	18.710	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	106465	18.243	ug/l	99
89) n-Butylbenzene	12.38	91	156418	17.417	ug/l	98
90) Hexachloroethane	12.59	117	30117	16.481	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	107505	18.869	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14487	17.251	ug/l	98

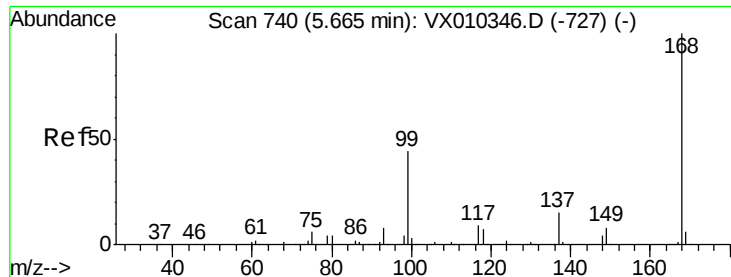
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
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Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Quant Time: Jun 28 06:54:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	73077	18.496	ug/l	99
94) Hexachlorobutadiene	13.78	225	35513	18.391	ug/l	99
95) Naphthalene	13.83	128	231417	19.060	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	73666	18.753	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

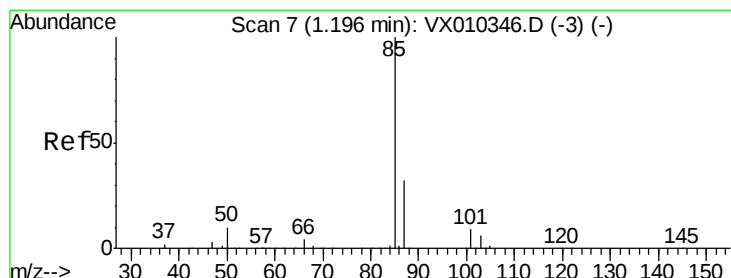
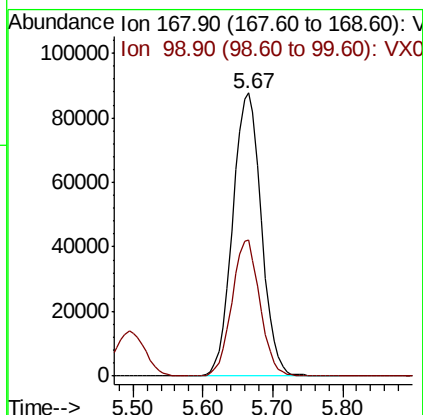
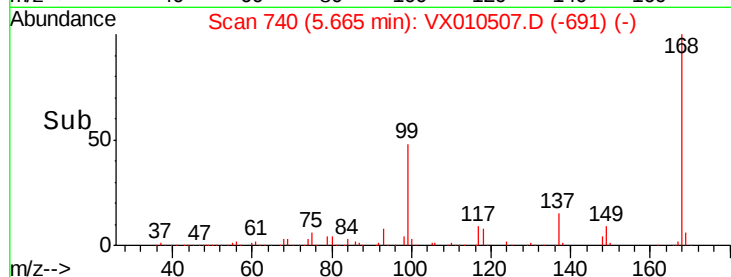
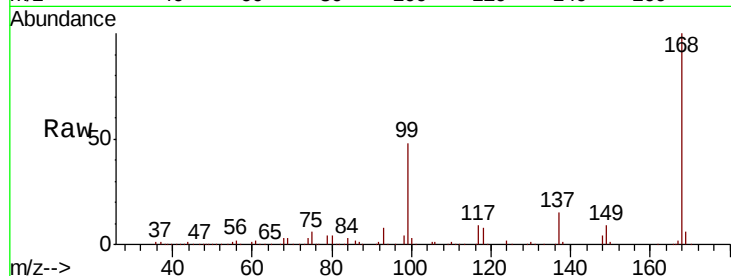
VX0627WBSD02

Tot Ion:168 Resp: 249379

Ion Ratio Lower Upper

168 100

99 48.1 35.5 53.3



#2

Dichlorodifluoromethane

Concen: 17.573 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010507.D

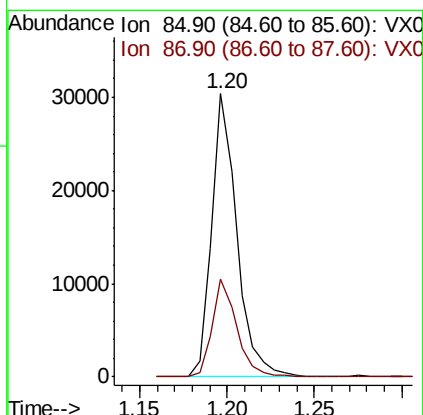
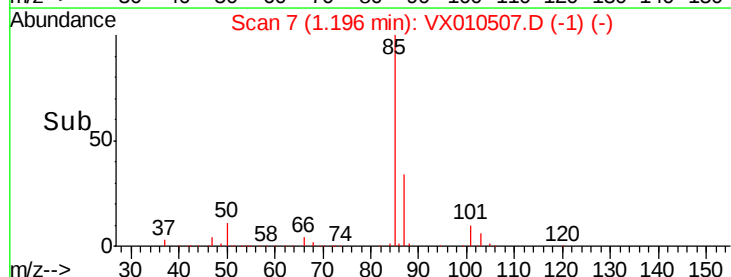
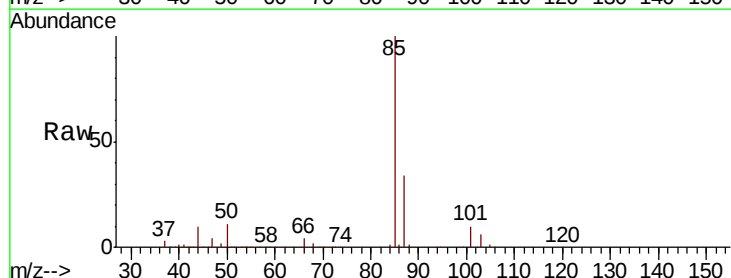
Acq: 28 Jun 2019 00:16

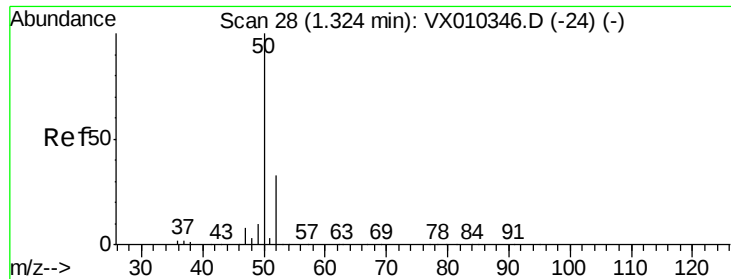
Tgt Ion: 85 Resp: 30468

Ion Ratio Lower Upper

85 100

87 34.5 16.3 48.8





#3

Chloromethane

Concen: 17.184 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

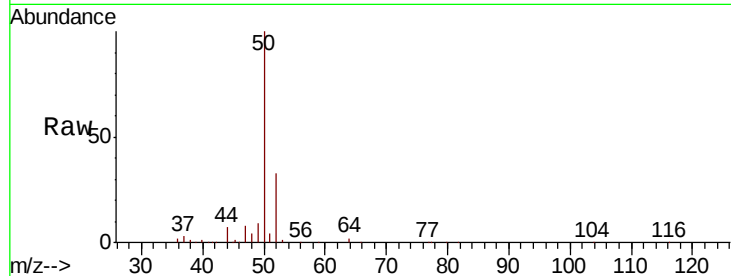
VX0627WBSD02

Tot Ion: 50 Resp: 34692

Ion Ratio Lower Upper

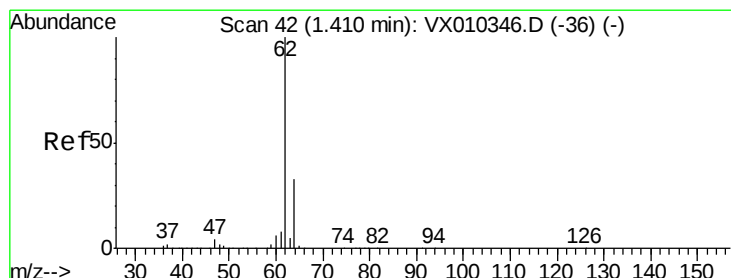
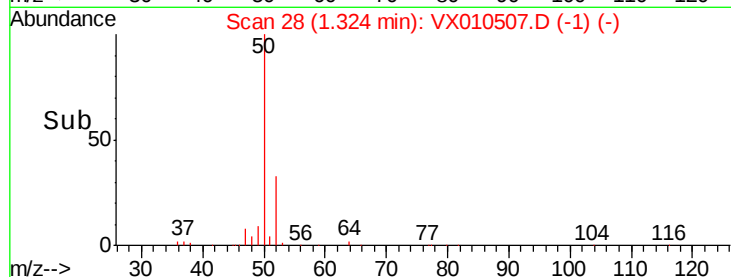
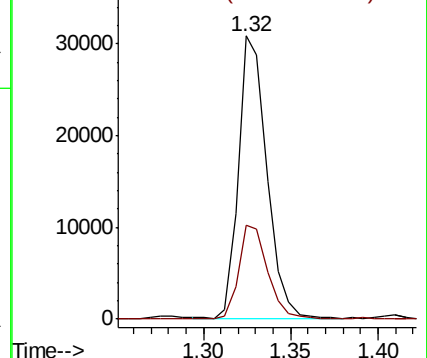
50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.643 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010507.D

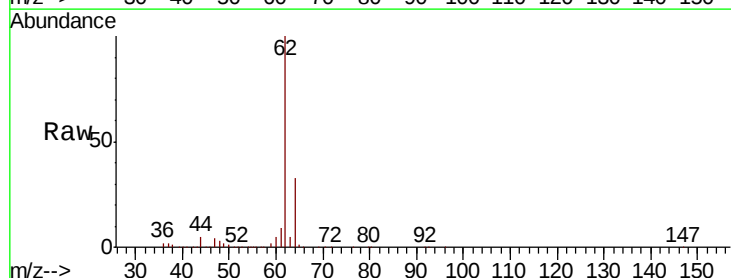
Acq: 28 Jun 2019 00:16

Tgt Ion: 62 Resp: 39013

Ion Ratio Lower Upper

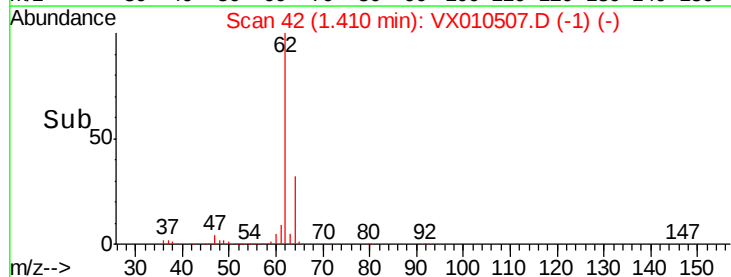
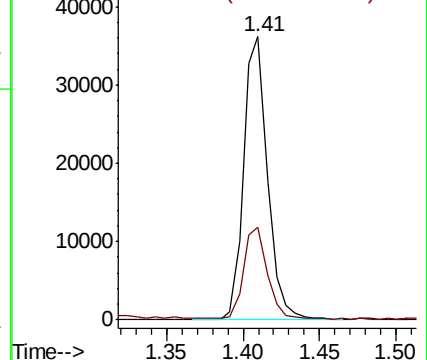
62 100

64 32.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.213 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

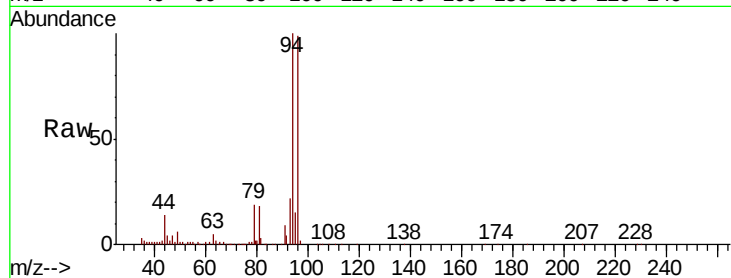
VX0627WBSD02

Tot Ion: 94 Resp: 21775

Ion Ratio Lower Upper

94 100

96 99.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

15000

10000

5000

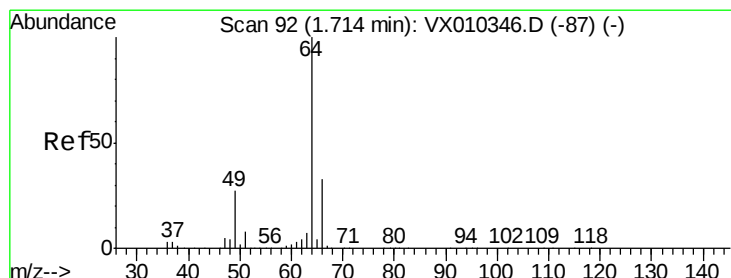
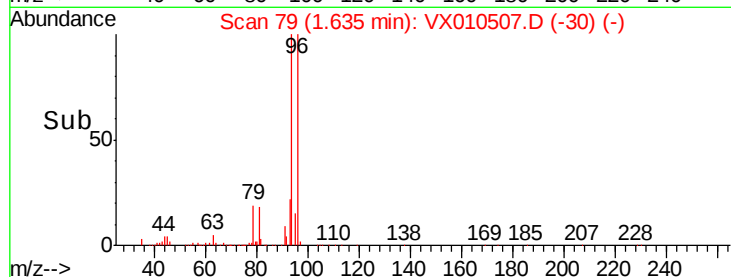
0

Time-->

1.60

1.65

1.70



#6

Chloroethane

Concen: 19.097 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010507.D

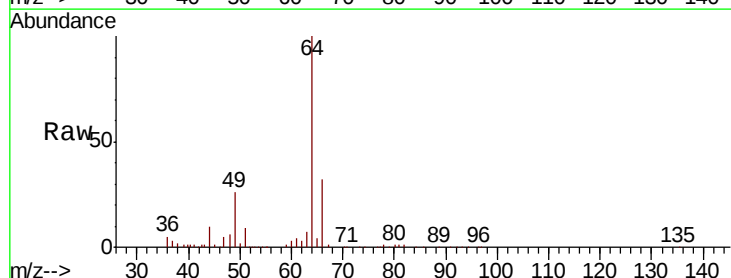
Acq: 28 Jun 2019 00:16

Tgt Ion: 64 Resp: 24914

Ion Ratio Lower Upper

64 100

66 32.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

20000

15000

10000

5000

0

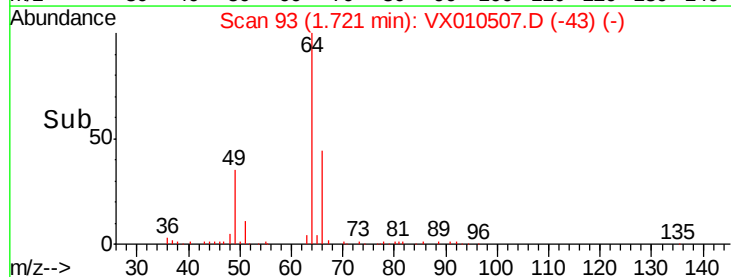
Time-->

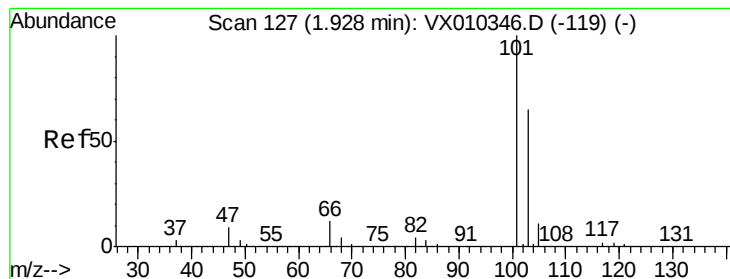
1.65

1.70

1.75

1.80



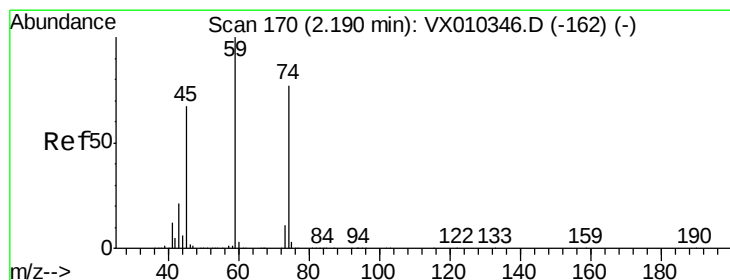
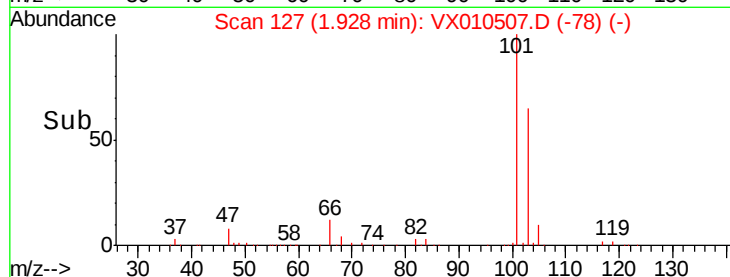
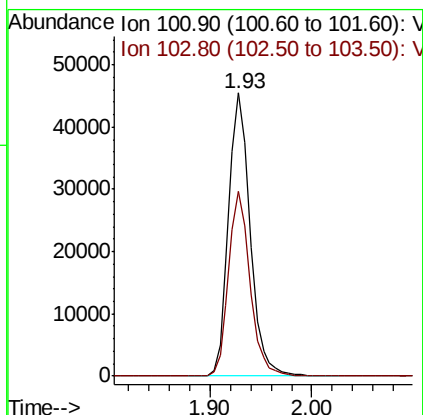
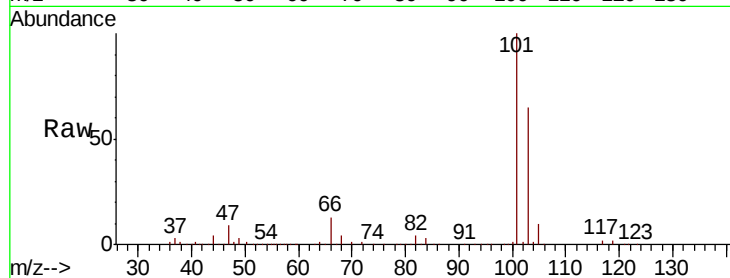


#7

Trichlorofluoromethane
 Concen: 19.017 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

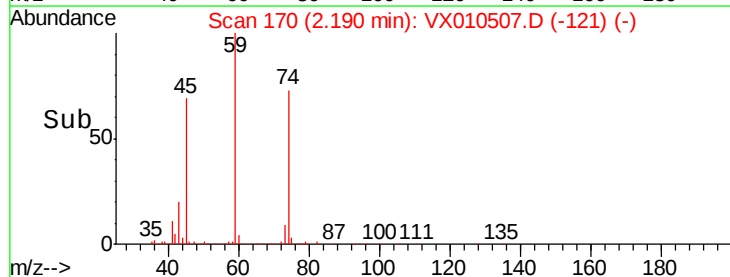
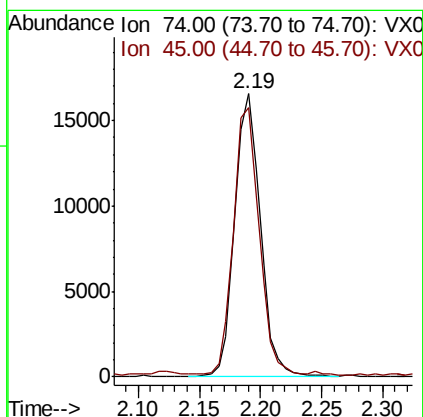
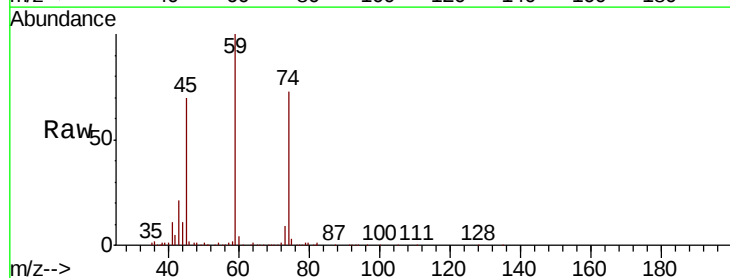
Tot Ion:101 Resp: 66663
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.3 78.5

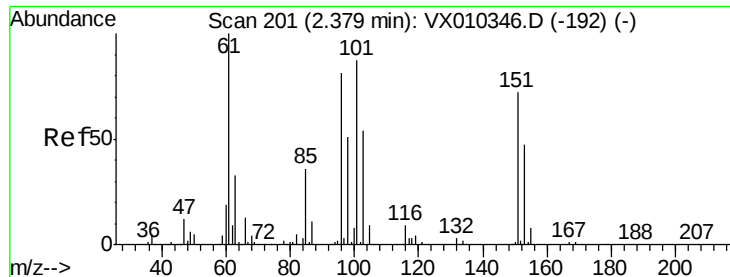


#8

Diethyl Ether
 Concen: 19.178 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 74 Resp: 24108
 Ion Ratio Lower Upper
 74 100
 45 92.9 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.259 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

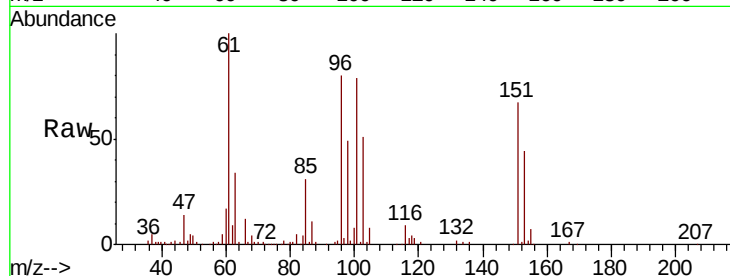
Tot Ion:101 Resp: 38787

Ion Ratio Lower Upper

101 100

85 42.2 33.7 50.5

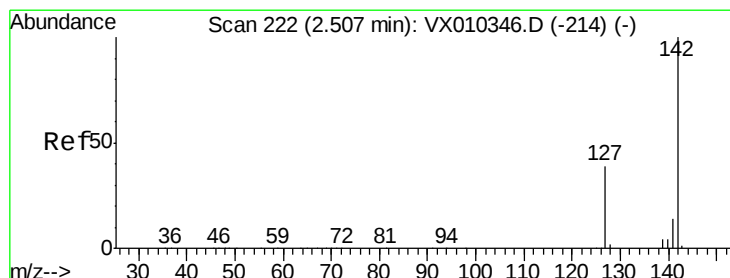
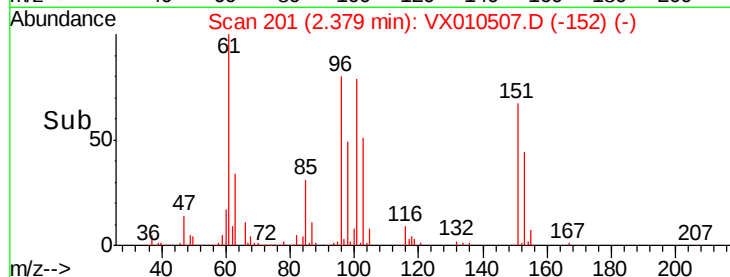
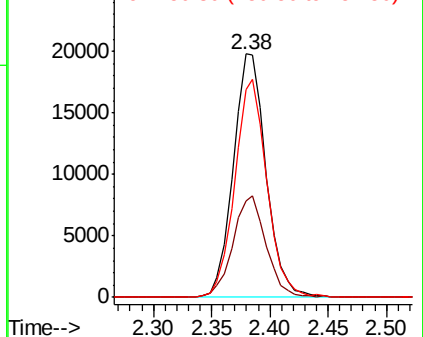
151 87.8 70.1 105.1



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: 18.309 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

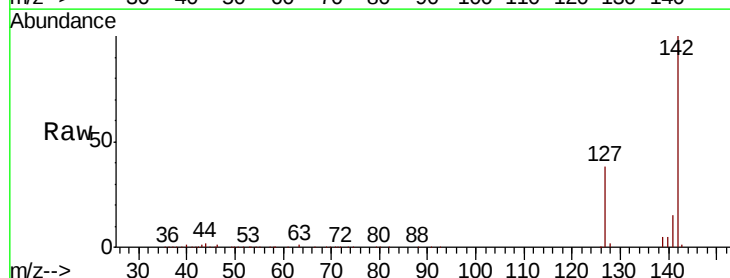
Tgt Ion:142 Resp: 55506

Ion Ratio Lower Upper

142 100

127 39.6 31.1 46.7

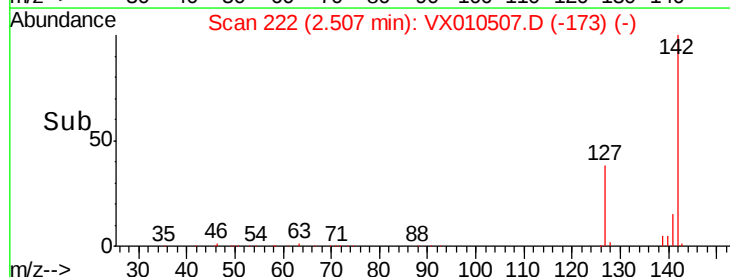
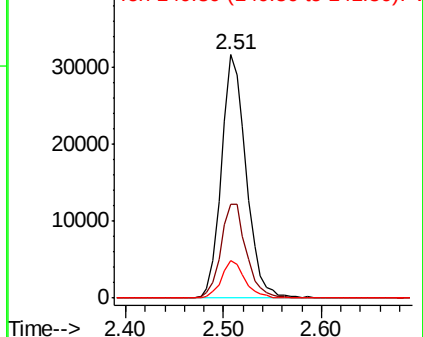
141 14.7 11.2 16.8



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

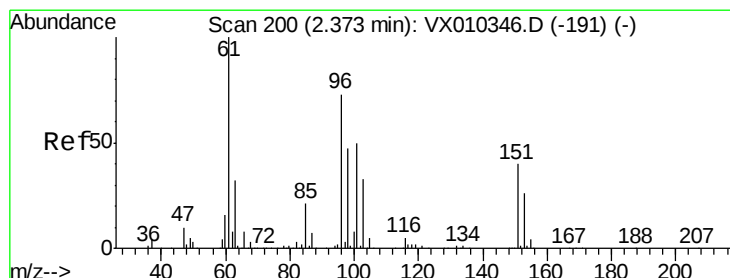
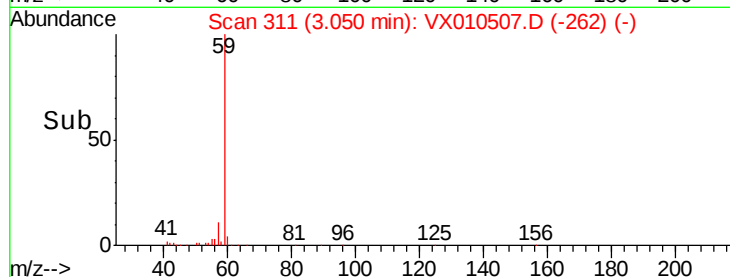
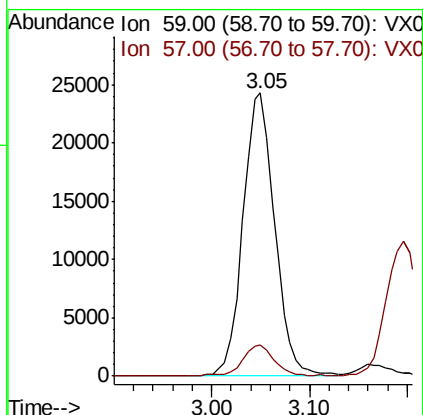
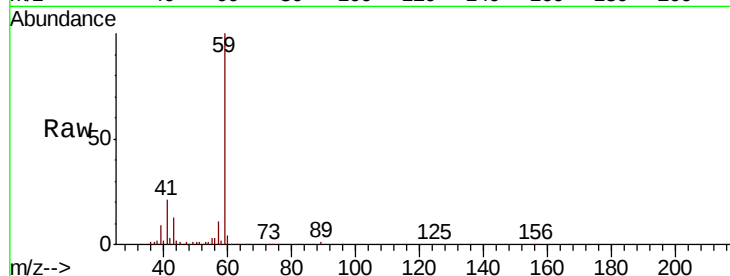




#11
Tert butyl alcohol
Concen: 89.495 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

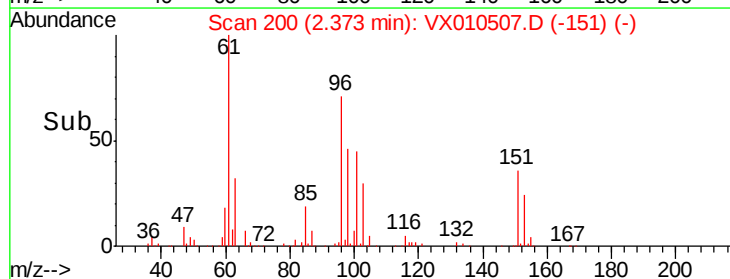
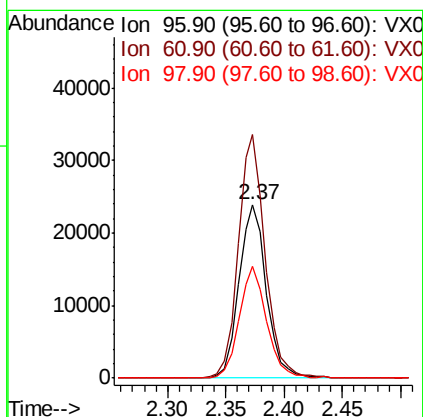
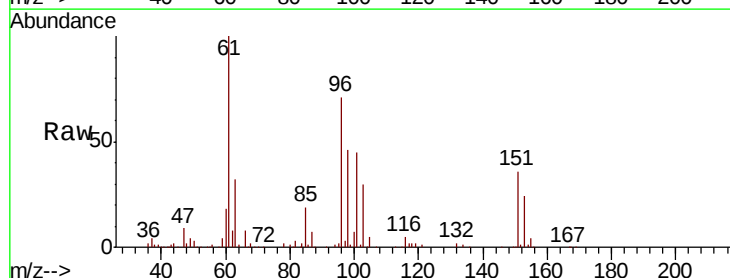
Instrument :
MSVOA_X
ClientSampleID :
VX0627WBSD02

Tot Ion: 59 Resp: 54755
Ion Ratio Lower Upper
59 100
57 10.8 7.7 11.5



#12
1,1-Dichloroethene
Concen: 18.089 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion: 96 Resp: 39100
Ion Ratio Lower Upper
96 100
61 140.2 109.2 163.8
98 64.3 51.1 76.7





#13

Acrolein

Concen: 68.719 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

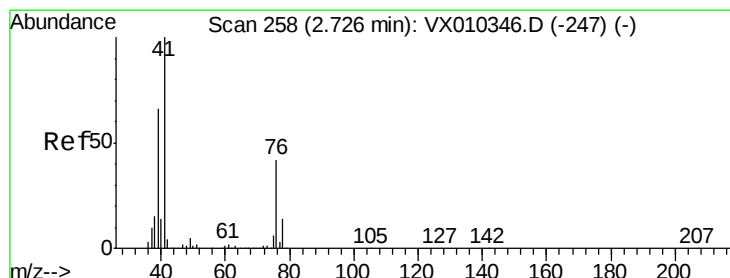
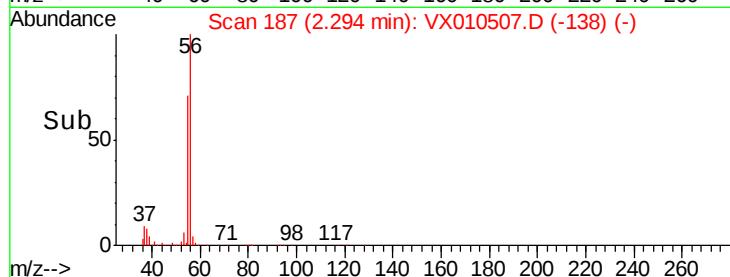
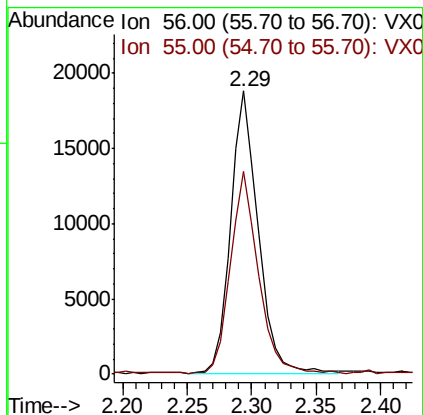
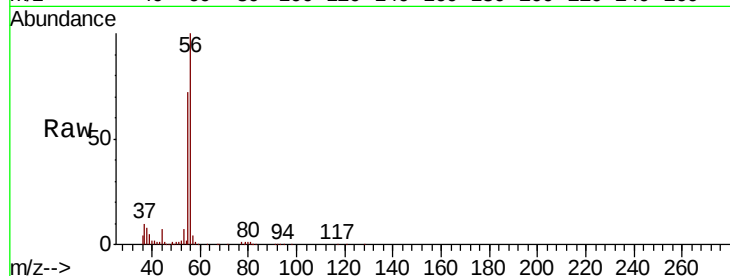
VX0627WBSD02

Tot Ion: 56 Resp: 27891

Ion Ratio Lower Upper

56 100

55 74.2 56.9 85.3



#14

Allyl chloride

Concen: 17.844 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

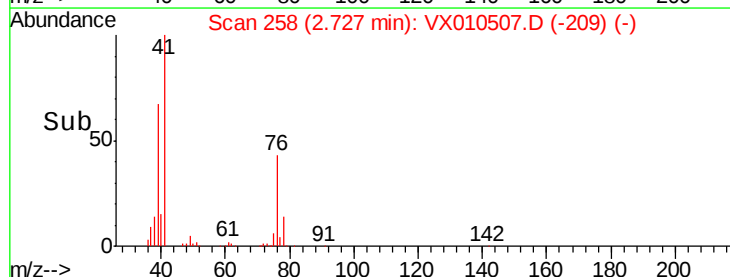
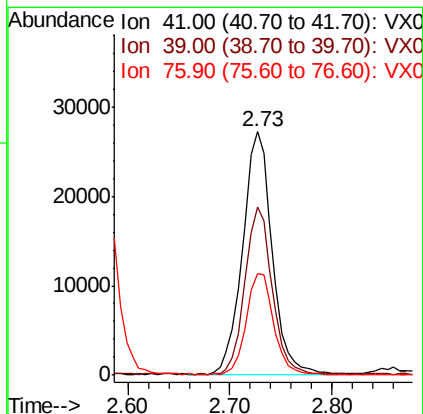
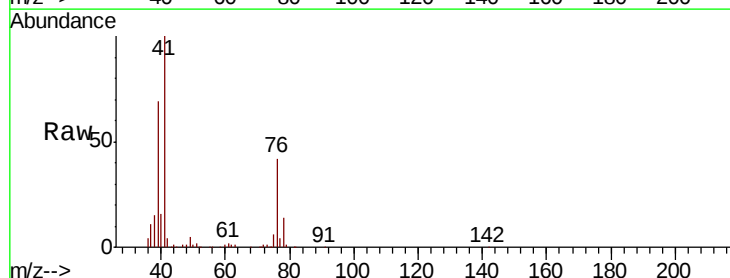
Tgt Ion: 41 Resp: 54759

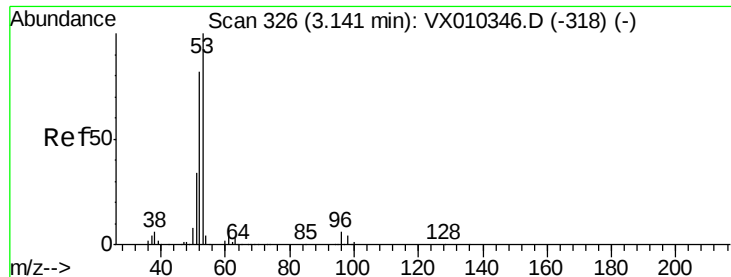
Ion Ratio Lower Upper

41 100

39 63.3 50.3 75.5

76 39.3 31.3 46.9





#15

Acrylonitrile

Concen: 97.914 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

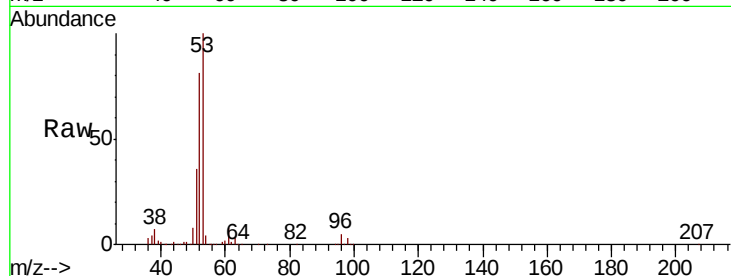
Tot Ion: 53 Resp: 118608

Ion Ratio Lower Upper

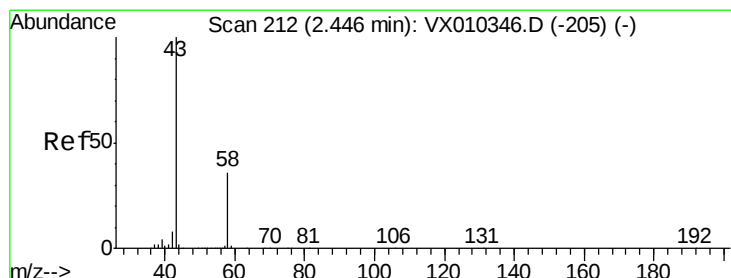
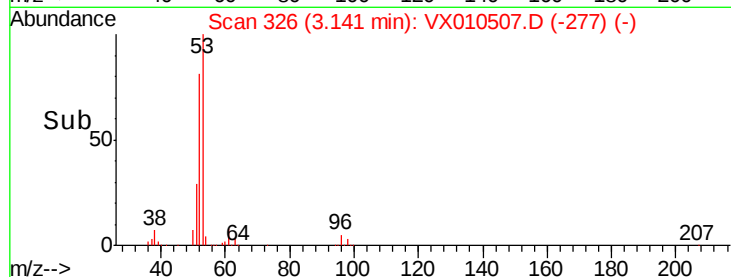
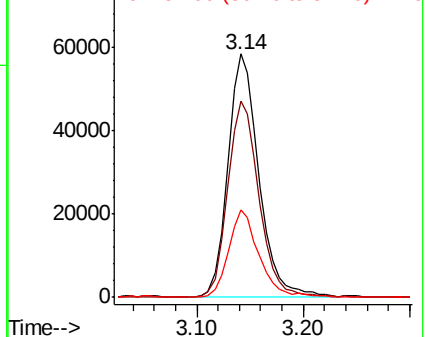
53 100

52 81.6 65.5 98.3

51 35.8 28.2 42.4



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: 84.449 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010507.D

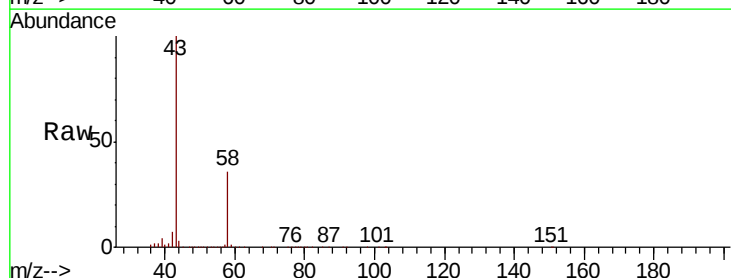
Acq: 28 Jun 2019 00:16

Tgt Ion: 43 Resp: 98959

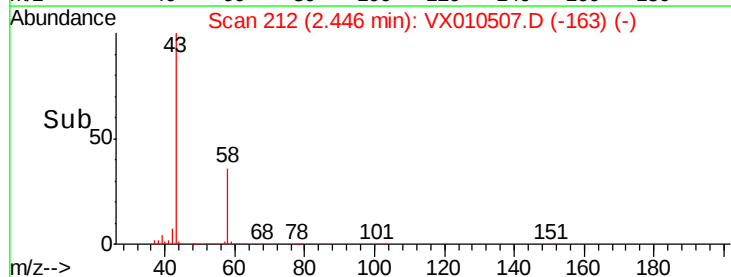
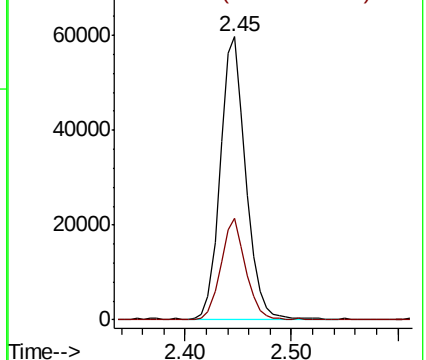
Ion Ratio Lower Upper

43 100

58 35.7 28.9 43.3



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





#17

Carbon Disulfide

Concen: 15.402 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

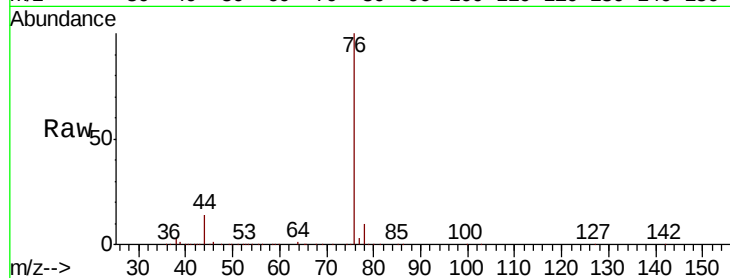
VX0627WBSD02

Tot Ion: 76 Resp: 89319

Ion Ratio Lower Upper

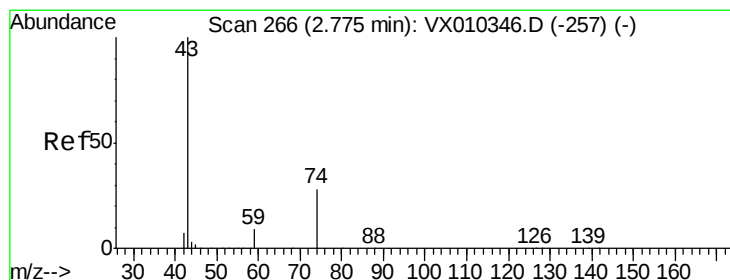
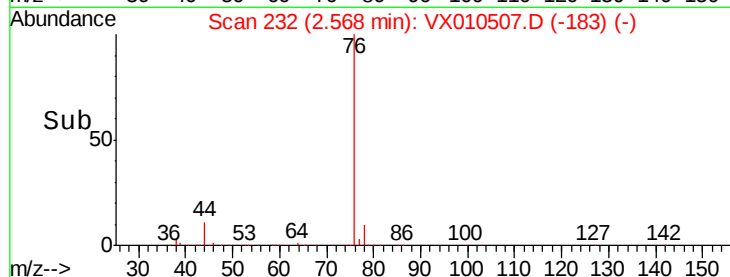
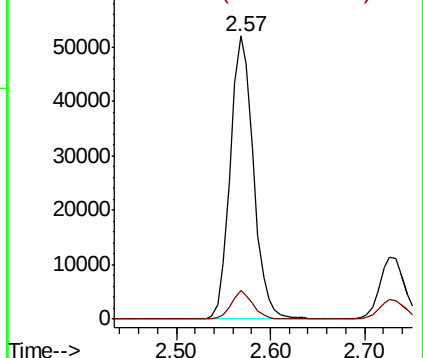
76 100

78 10.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 20.337 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010507.D

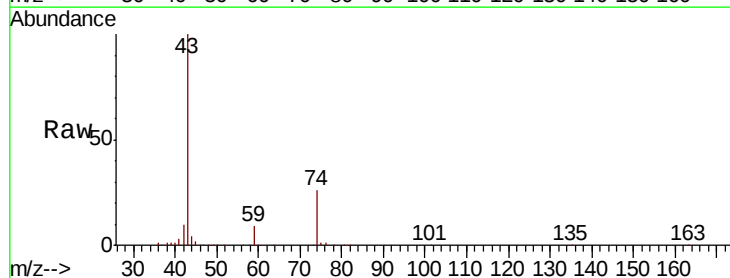
Acq: 28 Jun 2019 00:16

Tgt Ion: 43 Resp: 47498

Ion Ratio Lower Upper

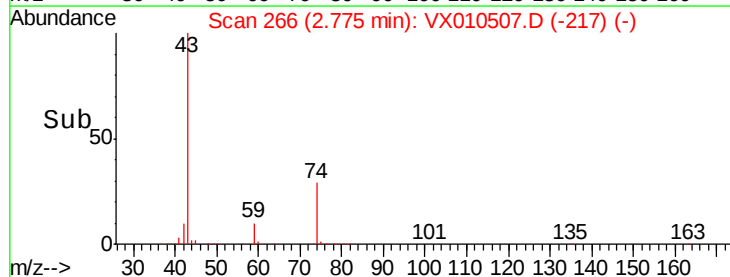
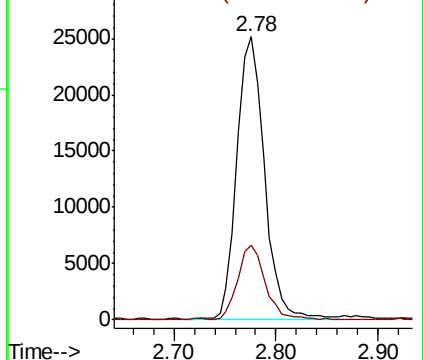
43 100

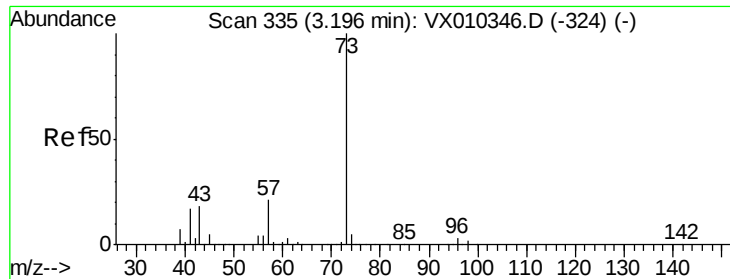
74 26.4 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

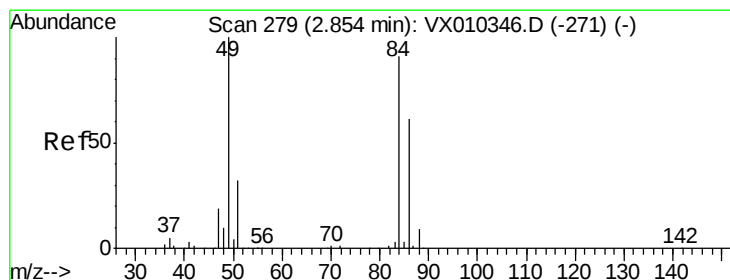
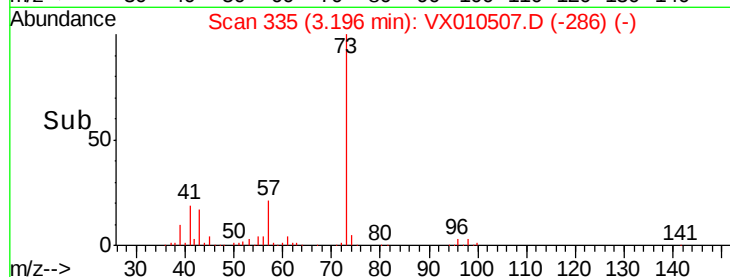
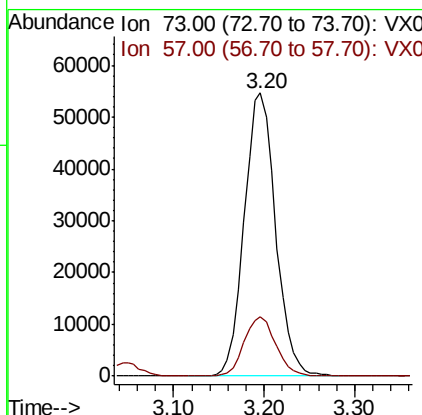
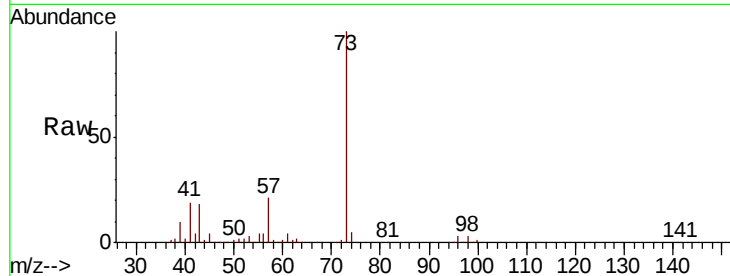




#19
Methvl tert-butvl Ether
Concen: 19.232 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

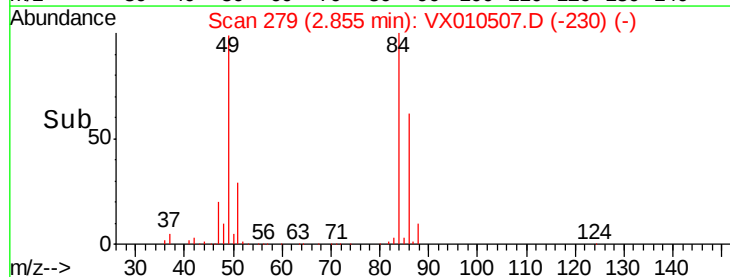
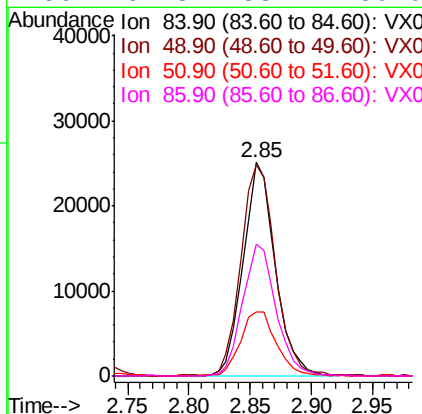
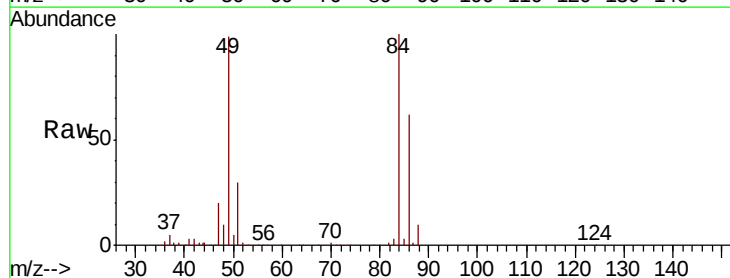
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

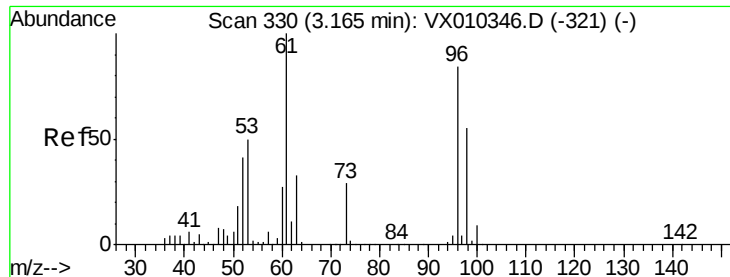
Tot Ion: 73 Resp: 130779
Ion Ratio Lower Upper
73 100
57 21.1 16.4 24.6



#20
Methylene Chloride
Concen: 18.994 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion: 84 Resp: 45805
Ion Ratio Lower Upper
84 100
49 98.5 87.5 131.3
51 29.3 27.7 41.5
86 61.8 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 18.321 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

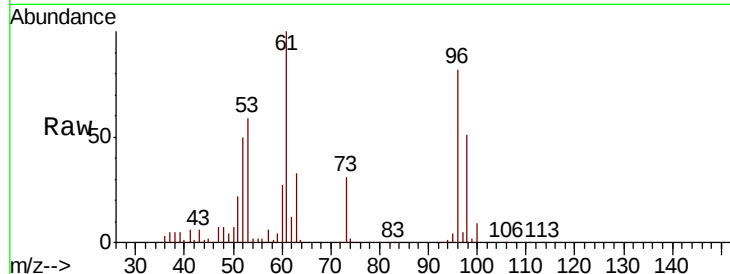
Tot Ion: 96 Resp: 42592

Ion Ratio Lower Upper

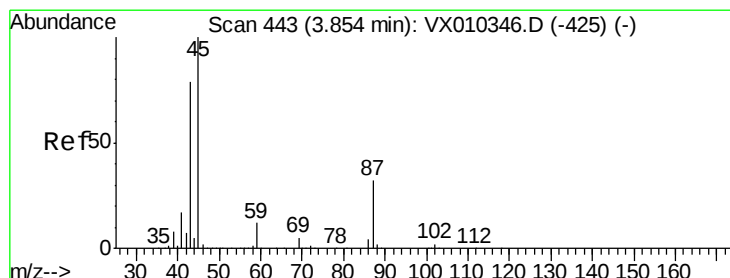
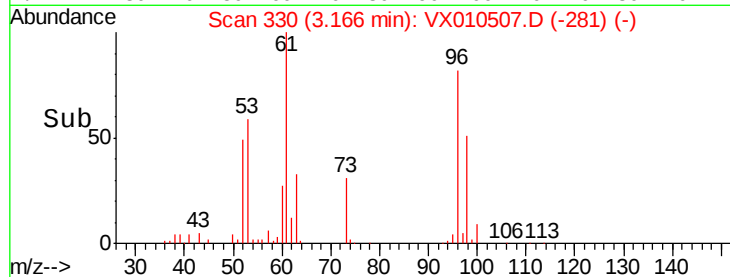
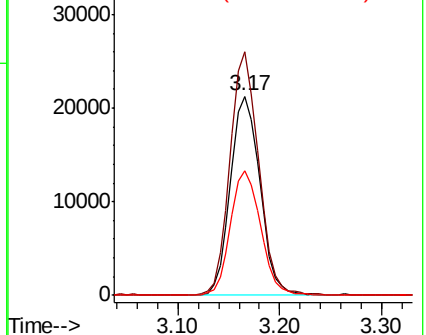
96 100

61 122.3 95.6 143.4

98 62.7 52.5 78.7



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: 19.072 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion: 45 Resp: 122372

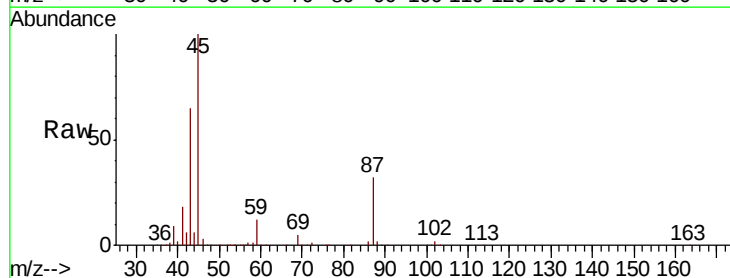
Ion Ratio Lower Upper

45 100

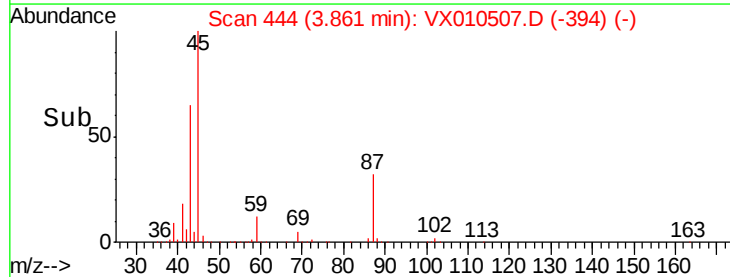
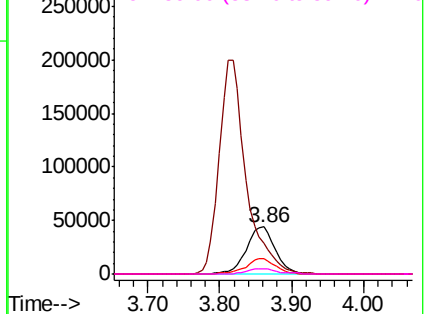
43 65.2 63.3 94.9

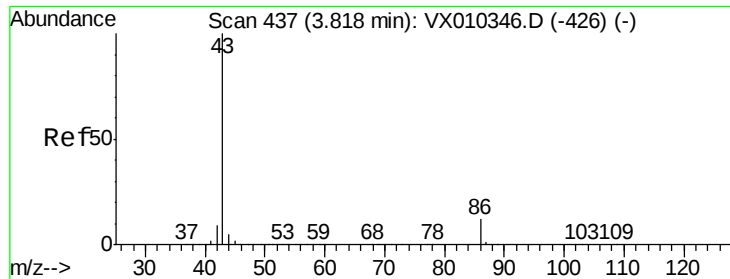
87 31.6 25.8 38.8

59 12.0 9.6 14.4



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





#23

Vinyl Acetate

Concen: 94.156 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

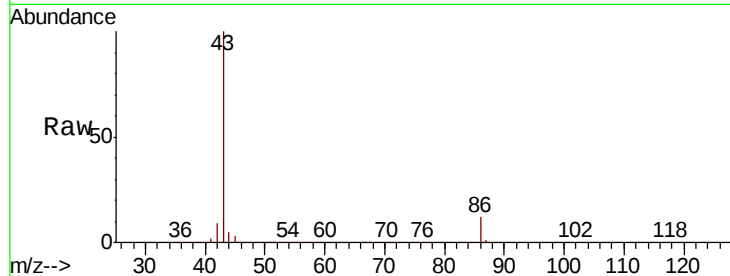
VX0627WBSD02

Tot Ion: 43 Resp: 521896

Ion Ratio Lower Upper

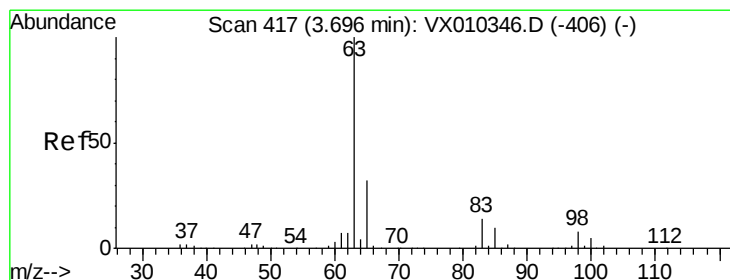
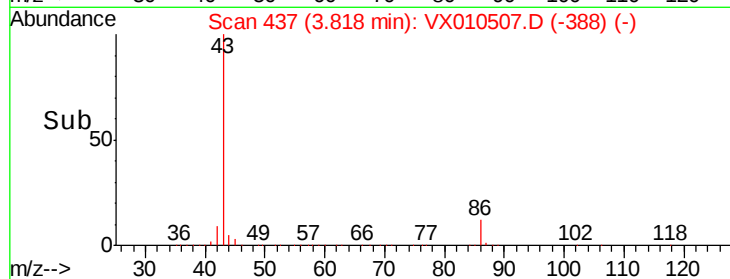
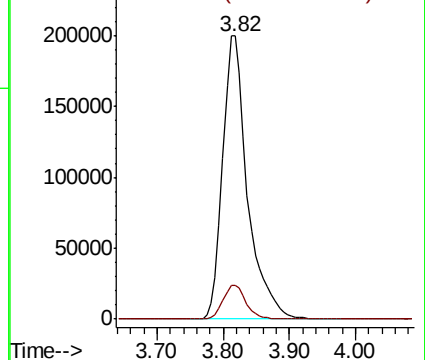
43 100

86 12.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.187 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

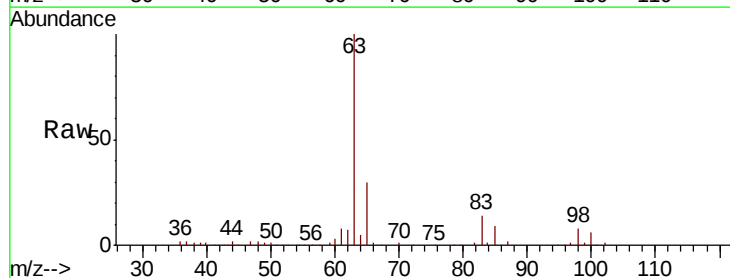
Tgt Ion: 63 Resp: 71159

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

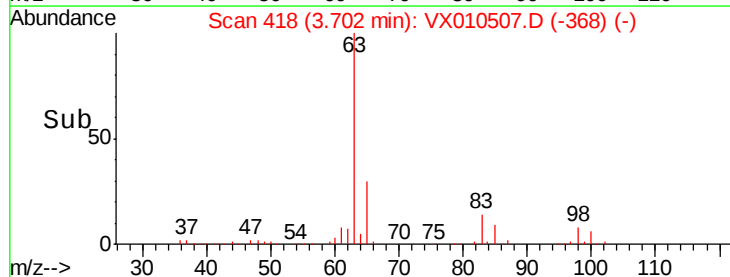
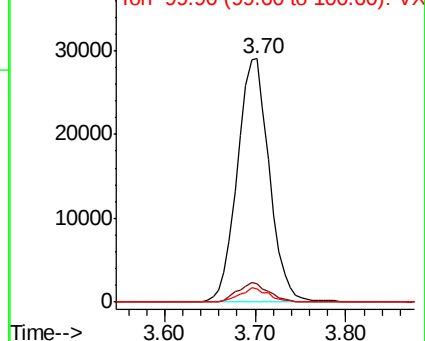
100 5.6 2.4 7.1

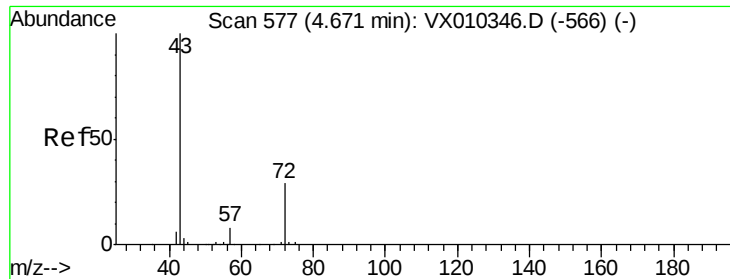


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 93.516 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

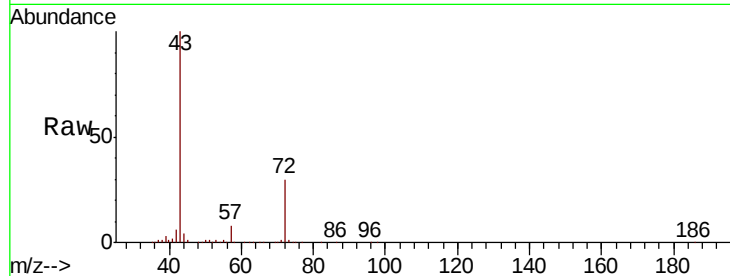
VX0627WBSD02

Tot Ion: 43 Resp: 160747

Ion Ratio Lower Upper

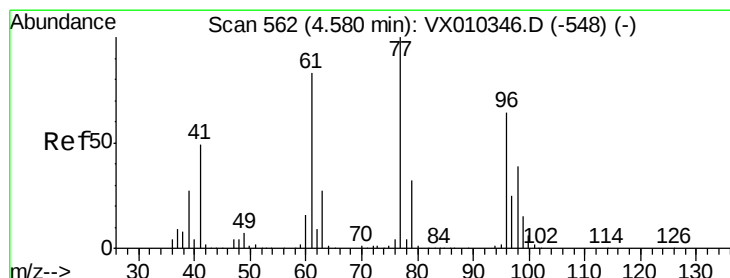
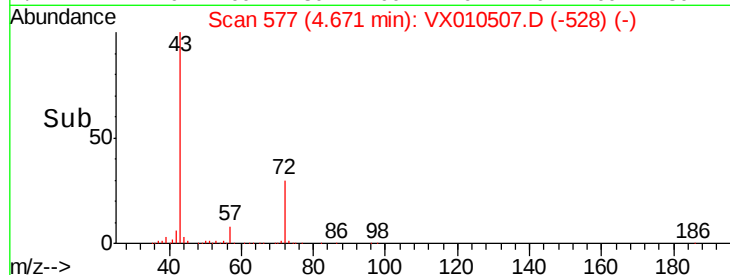
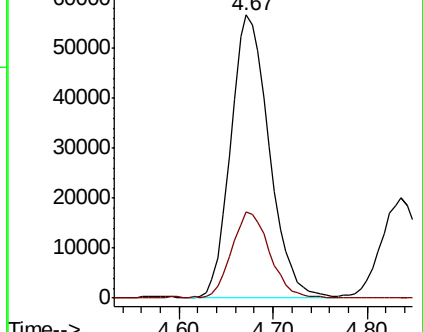
43 100

72 30.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.588 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010507.D

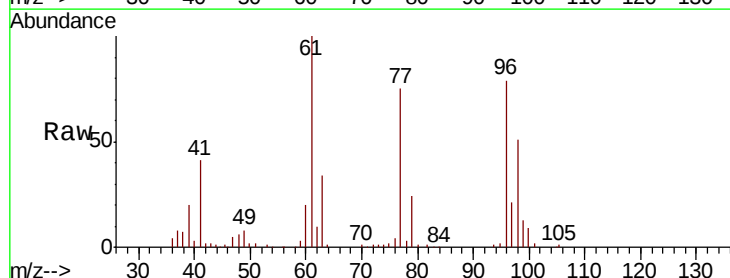
Acq: 28 Jun 2019 00:16

Tgt Ion: 77 Resp: 43778

Ion Ratio Lower Upper

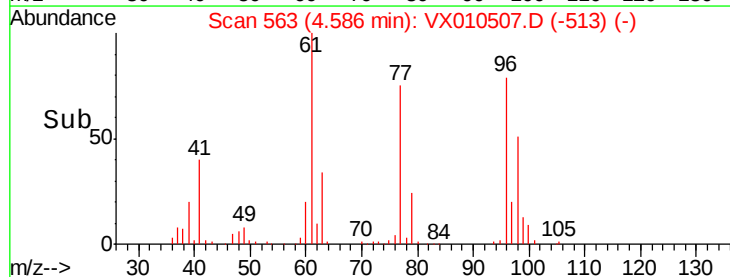
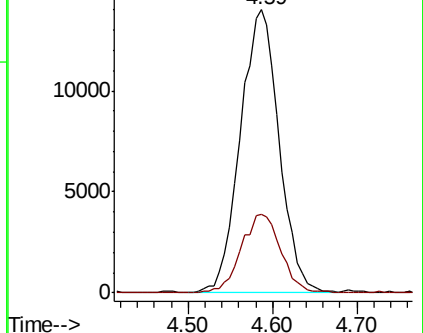
77 100

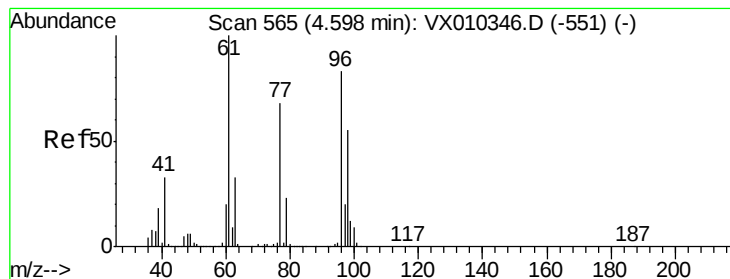
97 28.3 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



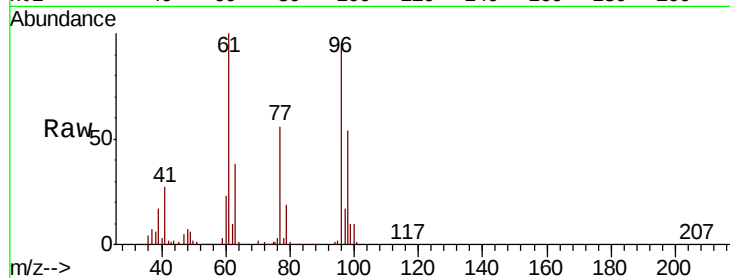


#27

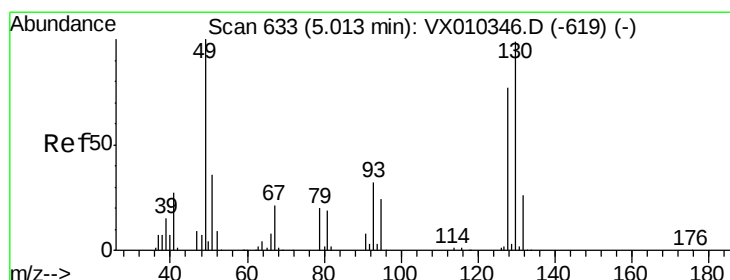
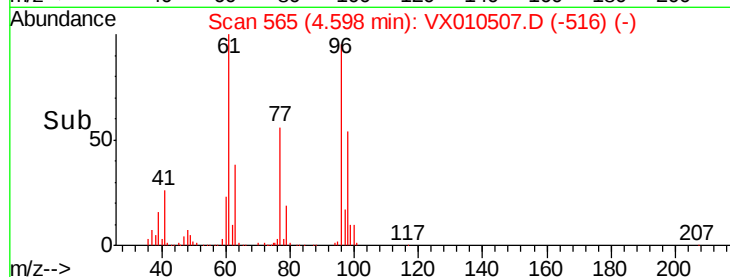
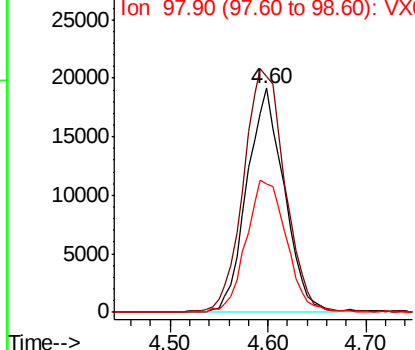
cis-1,2-Dichloroethene
 Concen: 18.897 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion: 96 Resp: 50767
 Ion Ratio Lower Upper
 96 100
 61 120.6 0.0 251.8
 98 63.7 0.0 129.4



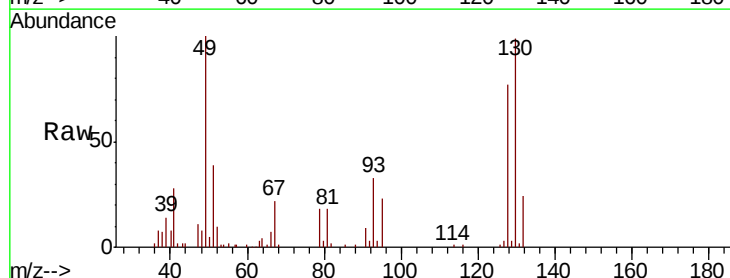
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



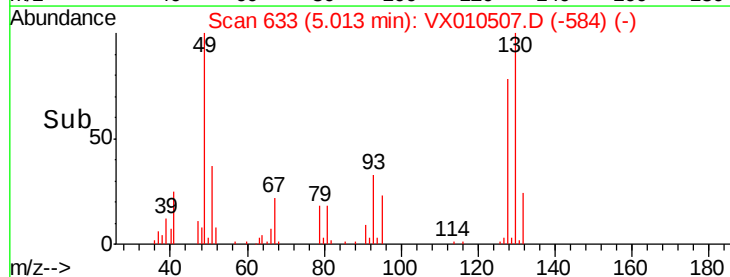
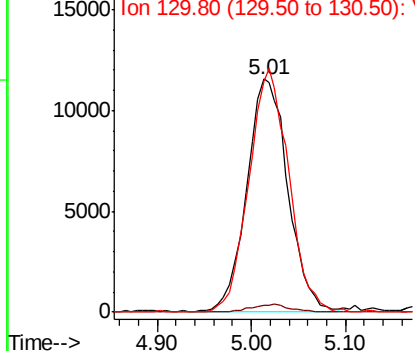
#28

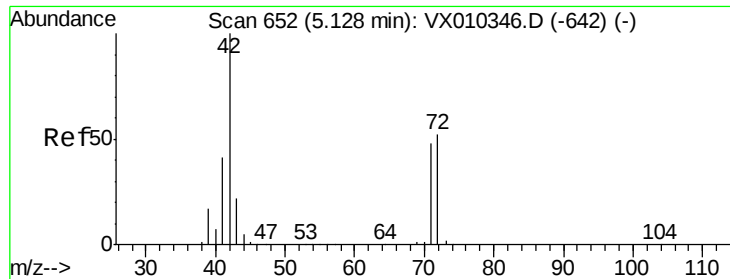
Bromochloromethane
 Concen: 19.987 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 49 Resp: 35441
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 5.6
 130 100.9 81.4 122.0



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





#29

Tetrahydrofuran

Concen: 94.091 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

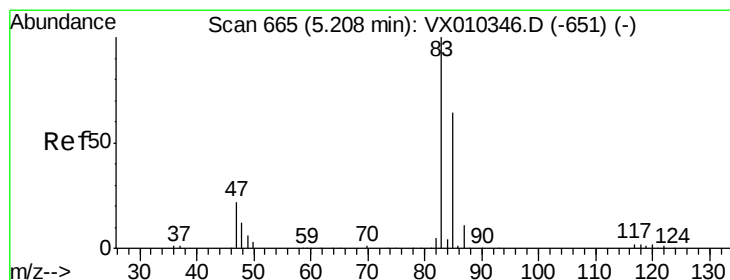
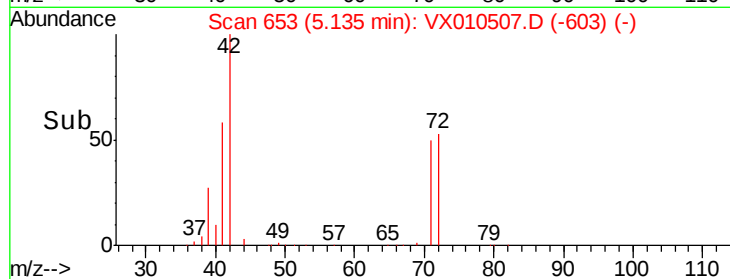
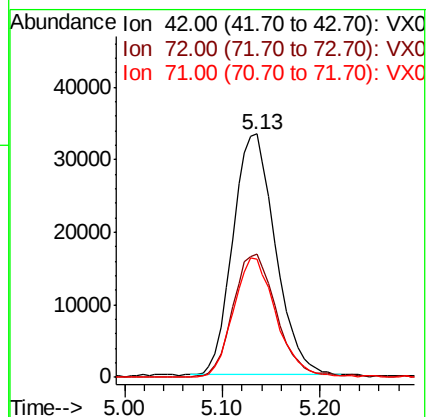
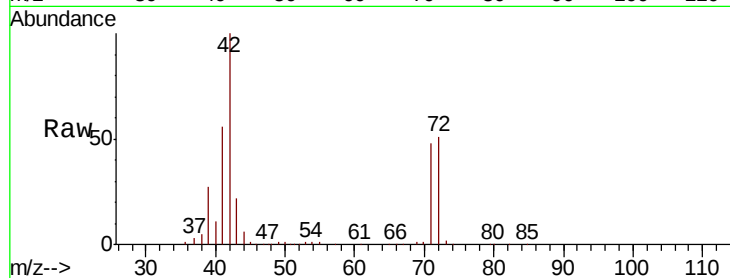
Tot Ion: 42 Resp: 100179

Ion Ratio Lower Upper

42 100

72 52.5 40.6 60.8

71 49.8 37.8 56.8



#30

Chloroform

Concen: 18.927 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010507.D

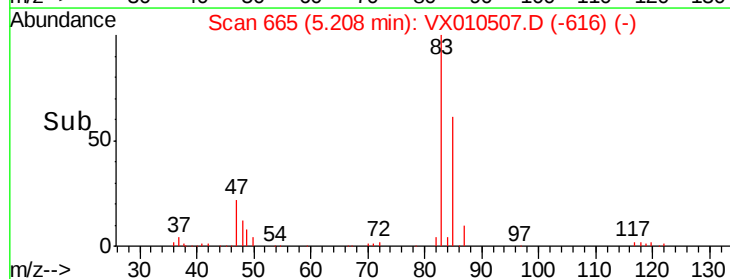
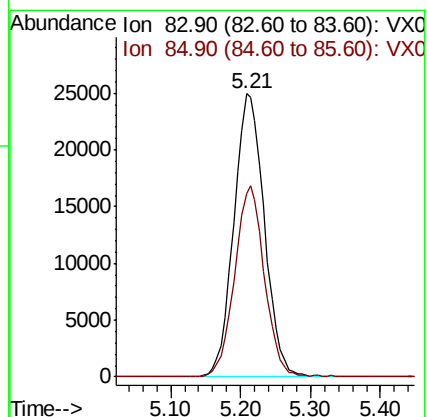
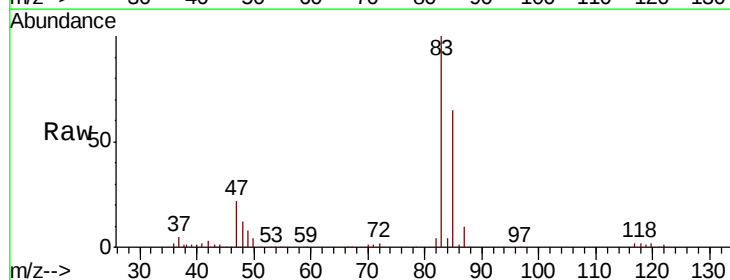
Acq: 28 Jun 2019 00:16

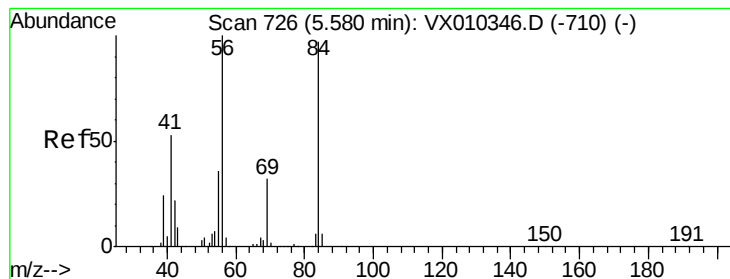
Tgt Ion: 83 Resp: 75526

Ion Ratio Lower Upper

83 100

85 64.7 50.9 76.3





#31

Cyclohexane

Concen: 17.953 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

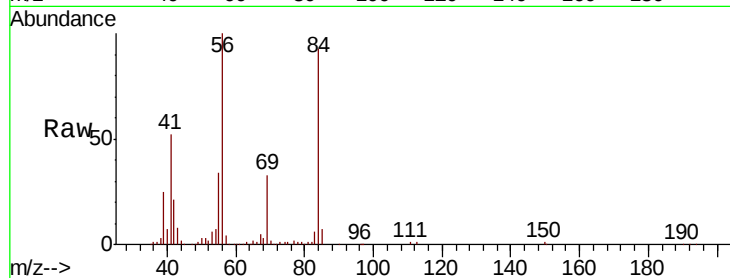
Tot Ion: 56 Resp: 60635

Ion Ratio Lower Upper

56 100

69 32.7 25.9 38.9

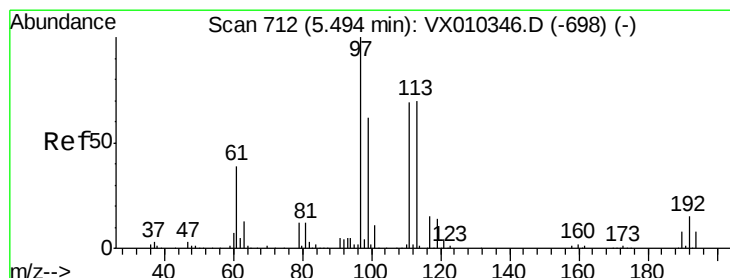
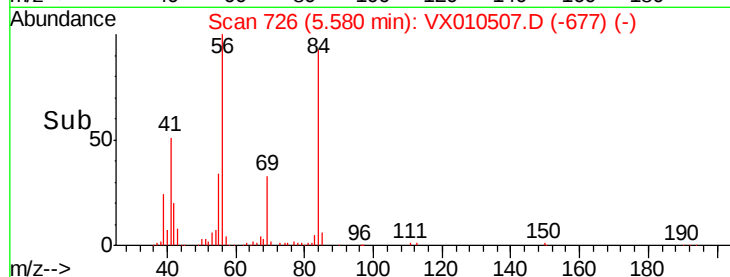
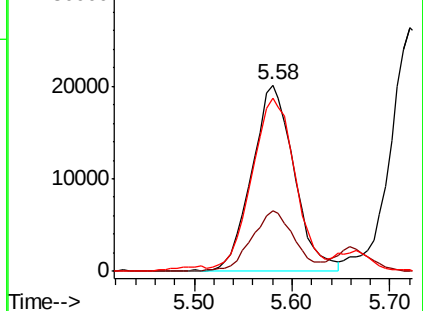
84 90.4 78.0 117.0



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: 18.665 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

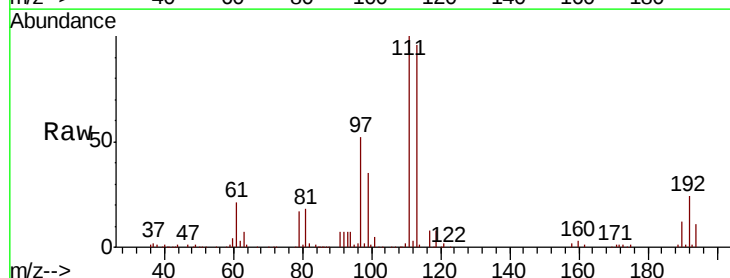
Tgt Ion: 97 Resp: 65768

Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

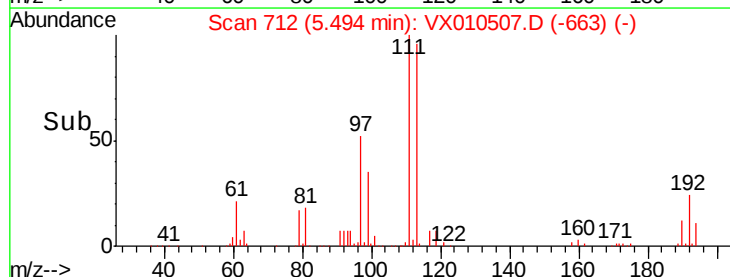
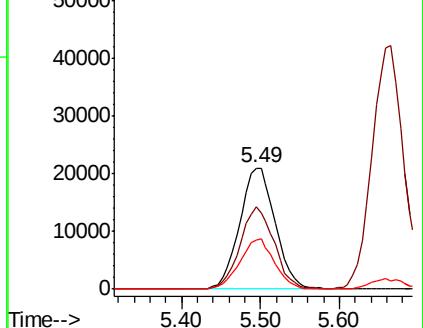
61 40.5 32.1 48.1

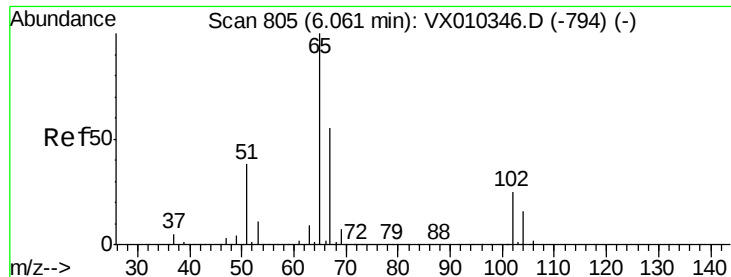


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 49.929 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

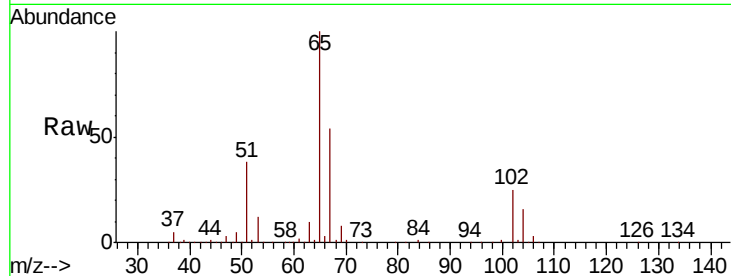
VX0627WBSD02

Tot Ion: 65 Resp: 116743

Ion Ratio Lower Upper

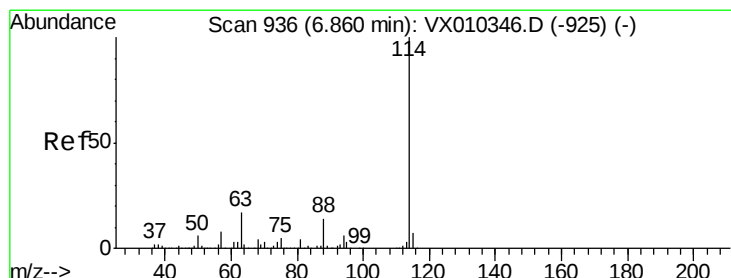
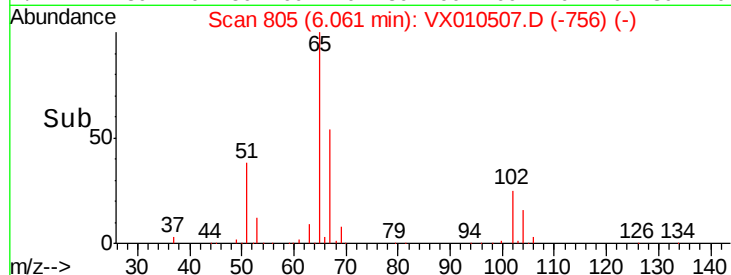
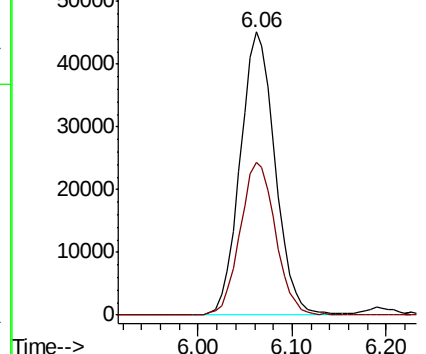
65 100

67 55.0 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

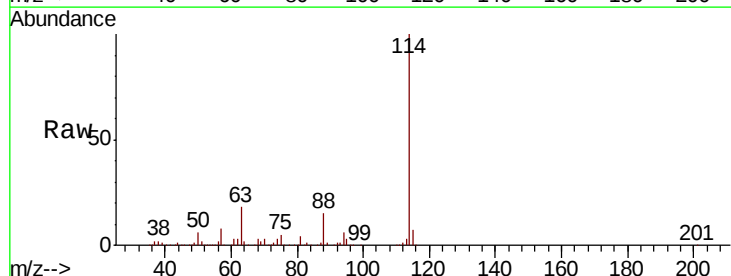
Tgt Ion: 114 Resp: 375532

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.8

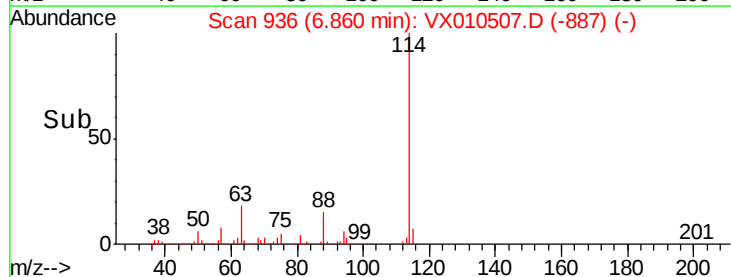
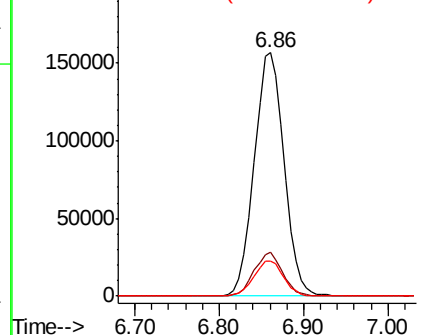
88 14.6 0.0 27.6

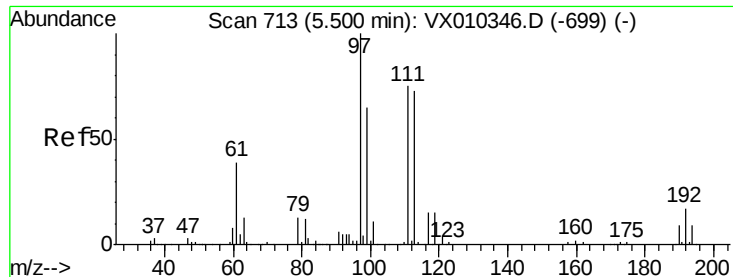


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

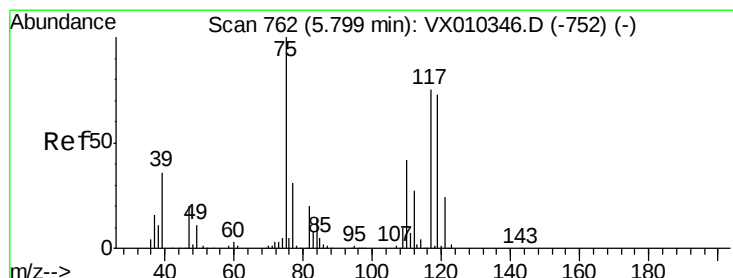
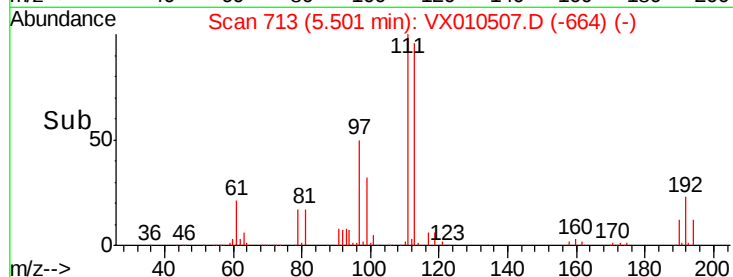
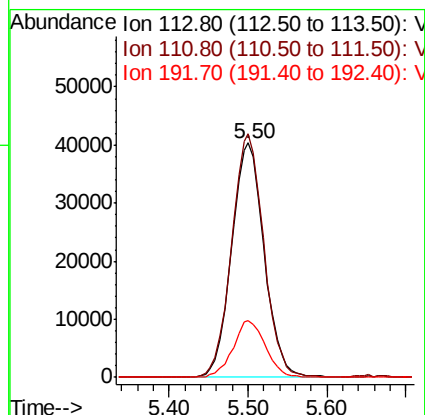
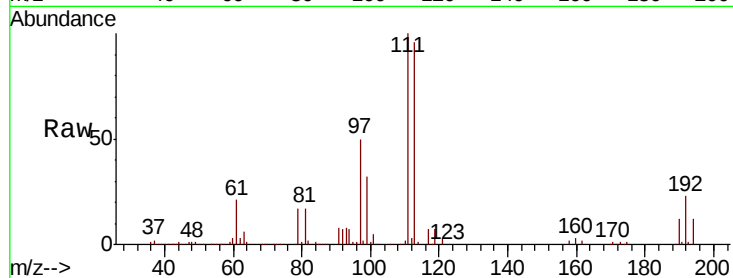




#35
 Dibromofluoromethane
 Concen: 50.200 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

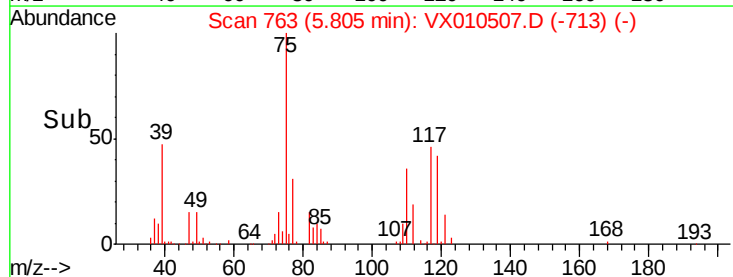
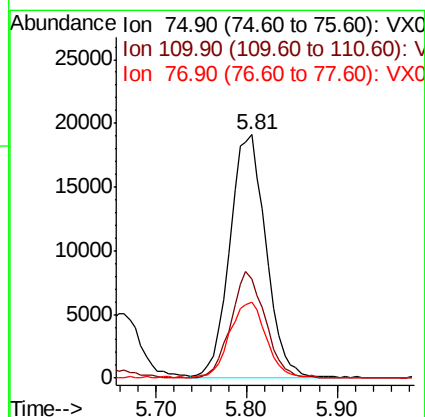
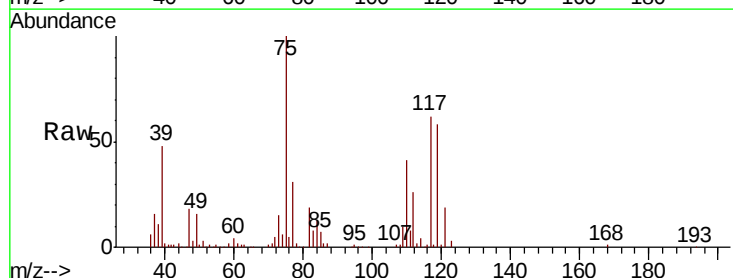
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

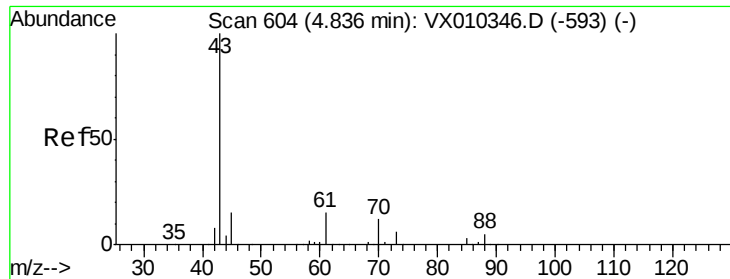
Tot Ion:113 Resp: 115342
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.2 121.8
 192 24.1 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 17.541 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 75 Resp: 52346
 Ion Ratio Lower Upper
 75 100
 110 41.7 20.8 62.2
 77 31.1 25.4 38.0





#37

Ethyl Acetate

Concen: 19.274 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

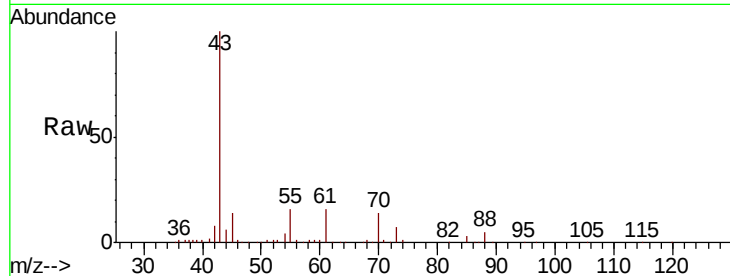
Tot Ion: 43 Resp: 59170

Ion Ratio Lower Upper

43 100

61 16.4 12.4 18.6

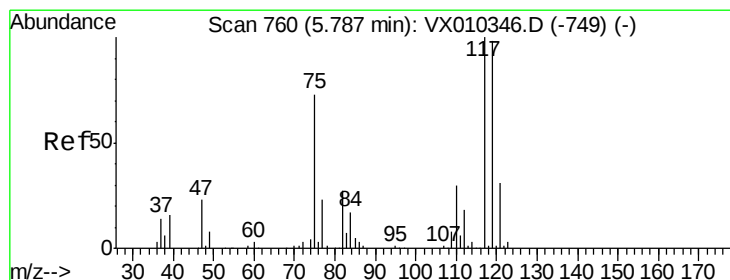
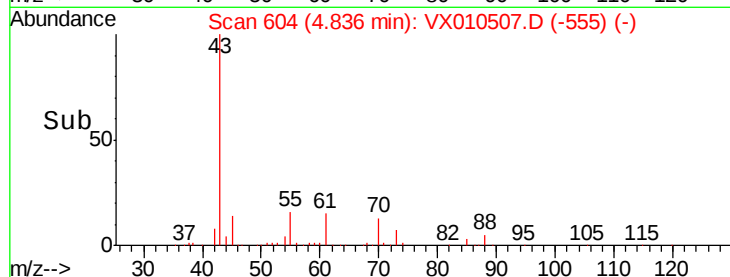
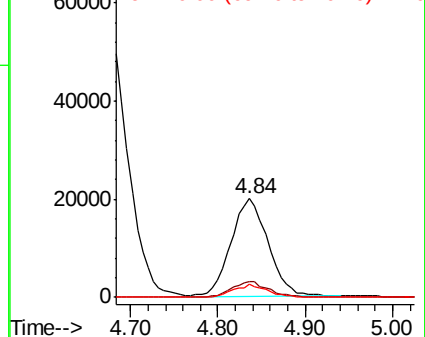
70 12.3 9.8 14.8



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: 17.943 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

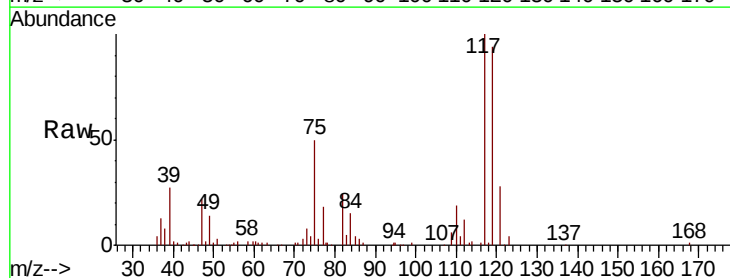
Tgt Ion: 117 Resp: 57983

Ion Ratio Lower Upper

117 100

119 93.9 78.2 117.4

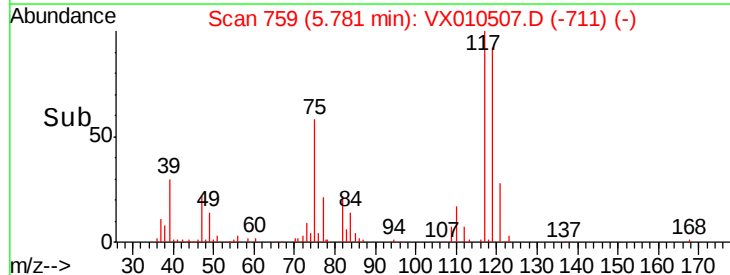
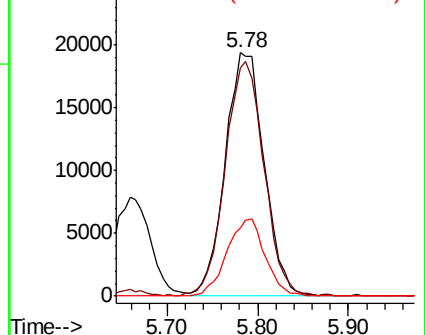
121 28.2 24.7 37.1



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

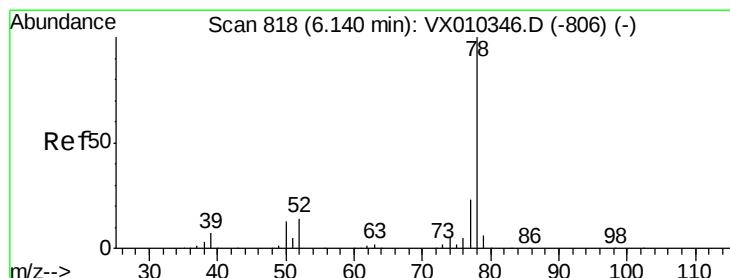
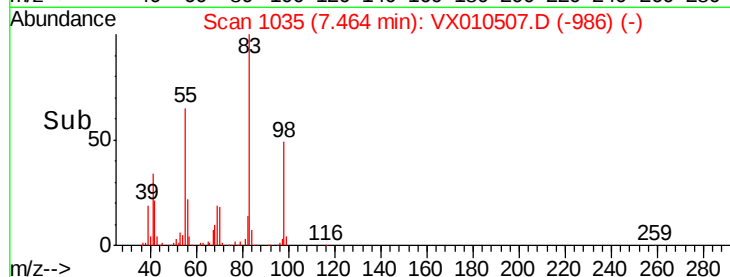
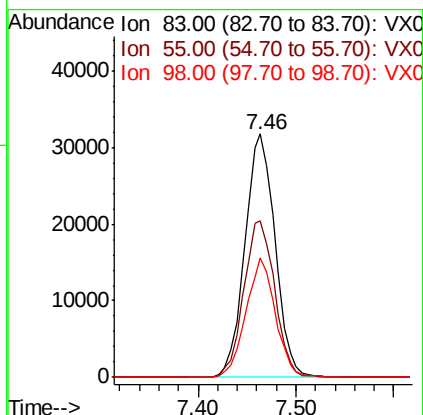
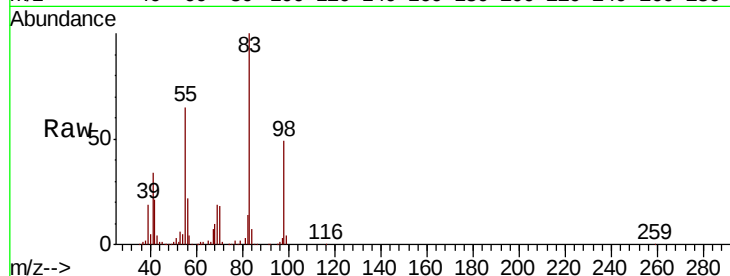




#39
Methvlcvclohexane
Concen: 17.335 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

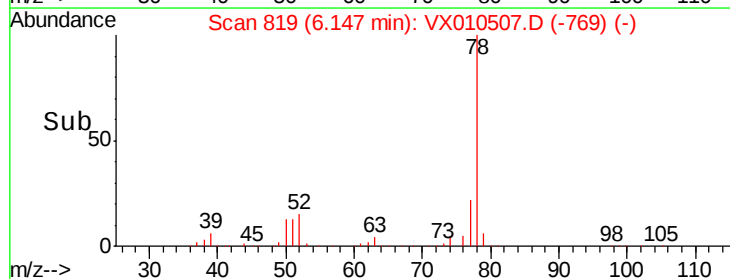
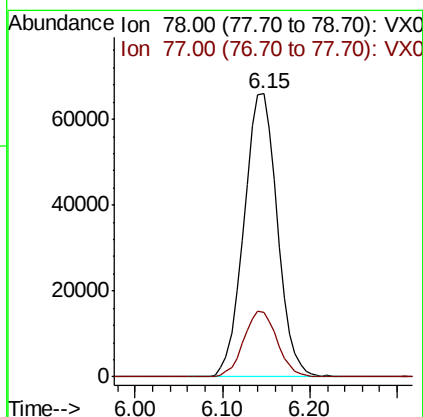
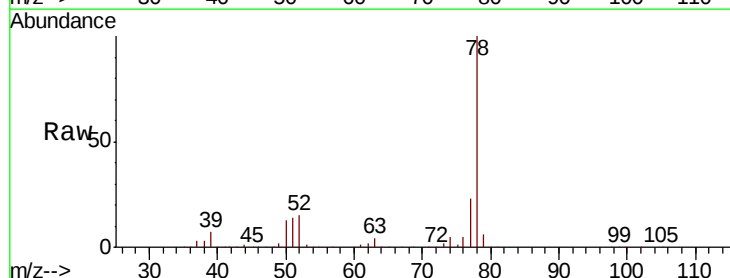
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

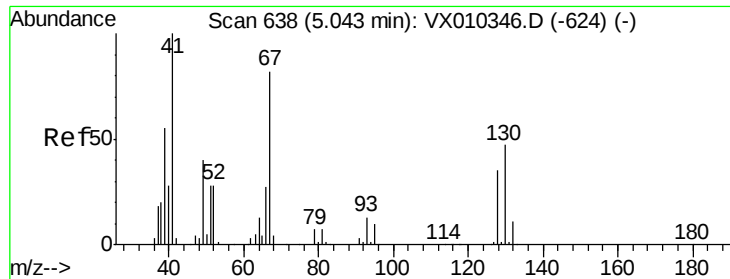
Tot Ion: 83 Resp: 68000
Ion Ratio Lower Upper
83 100
55 64.5 53.0 79.6
98 48.8 37.8 56.8



#40
Benzene
Concen: 18.839 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion: 78 Resp: 175152
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0

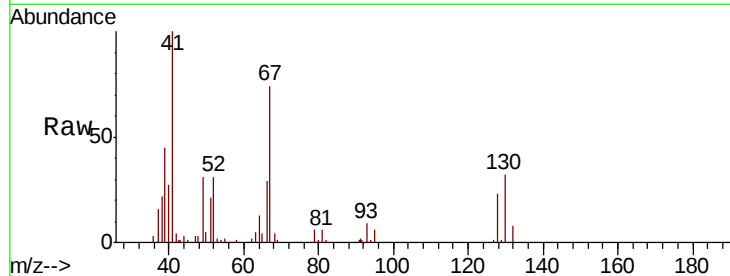




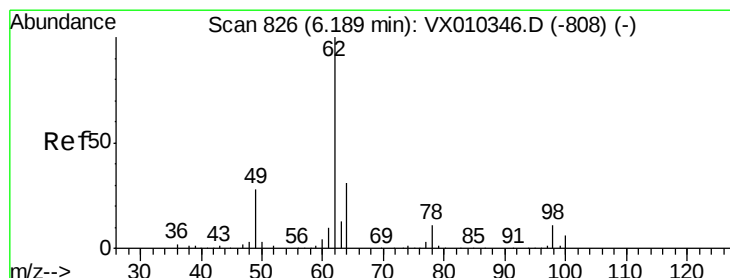
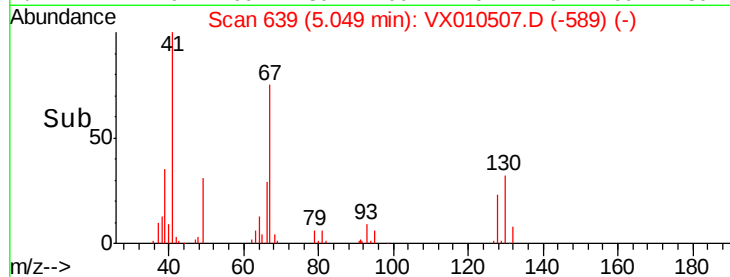
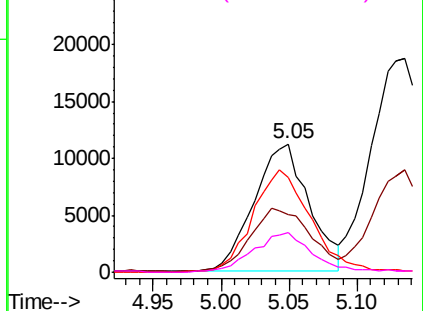
#41
Methacrylonitrile
Concen: 18.776 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion:	41	Resp:	31628
Ion	Ratio	Lower	Upper
41	100		
39	56.0	43.8	65.8
67	85.5	66.6	100.0
52	34.3	24.5	36.7

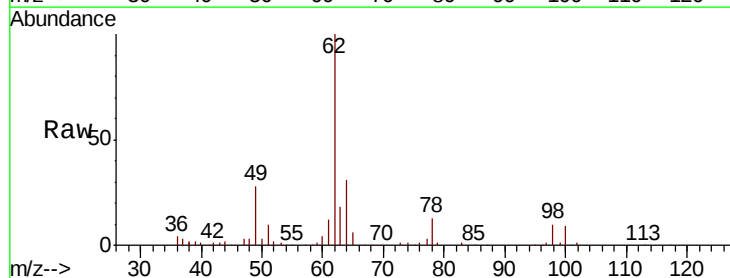


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

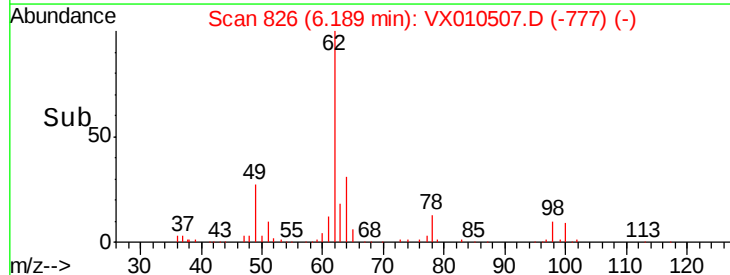
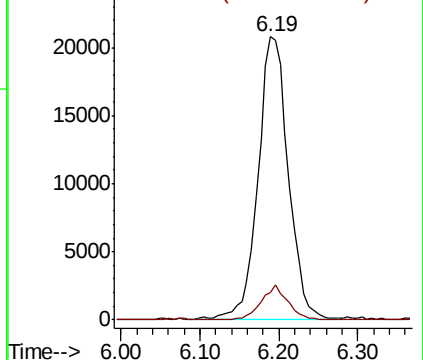


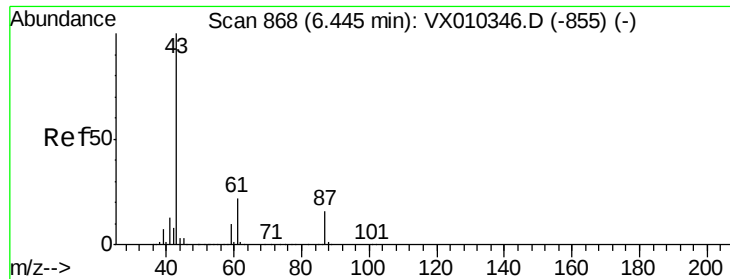
#42
1,2-Dichloroethane
Concen: 19.695 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion:	62	Resp:	55737
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



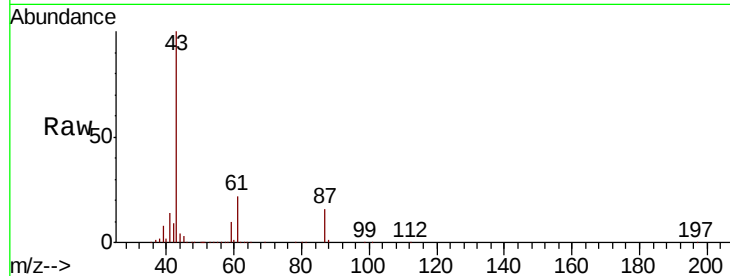


#43

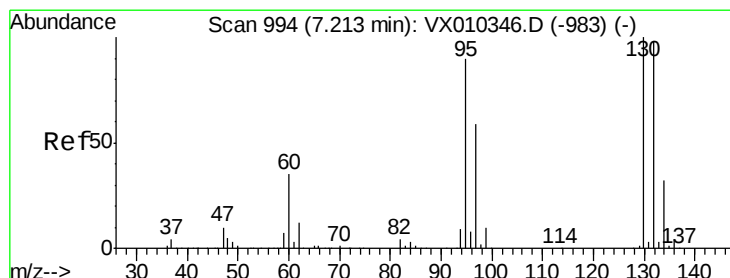
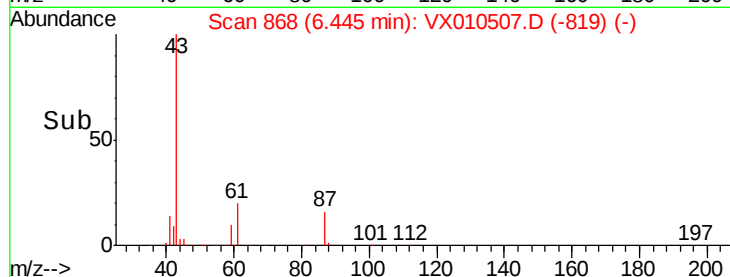
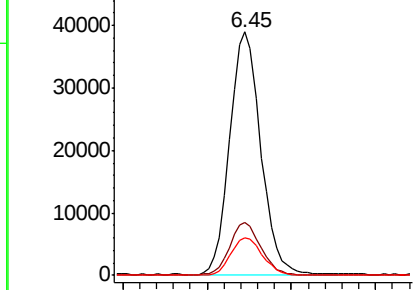
Isopropyl Acetate
 Concen: 18.991 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion: 43 Resp: 96461
 Ion Ratio Lower Upper
 43 100
 61 21.9 17.8 26.6
 87 15.9 13.0 19.4



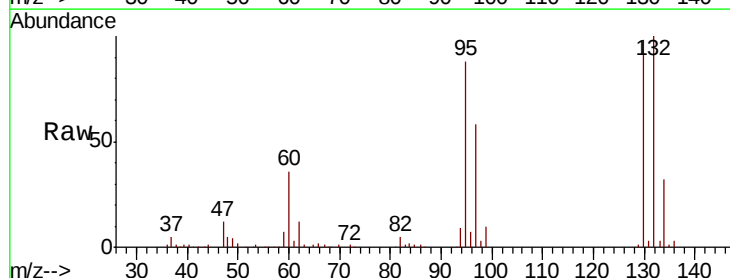
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



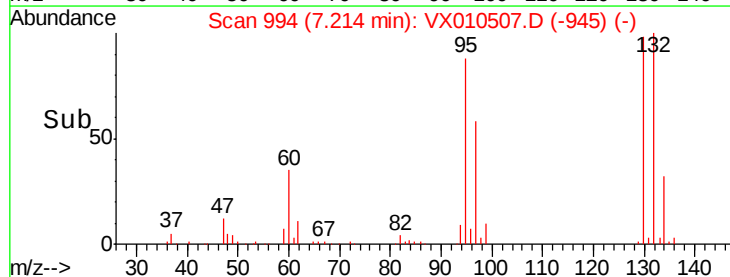
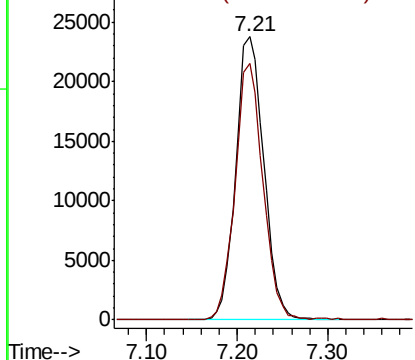
#44

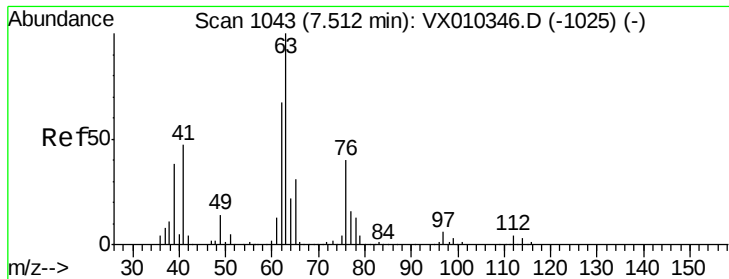
Trichloroethene
 Concen: 18.364 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 130 Resp: 51088
 Ion Ratio Lower Upper
 130 100
 95 90.5 0.0 180.8



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





#45

1,2-Dichloropropane

Concen: 18.949 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

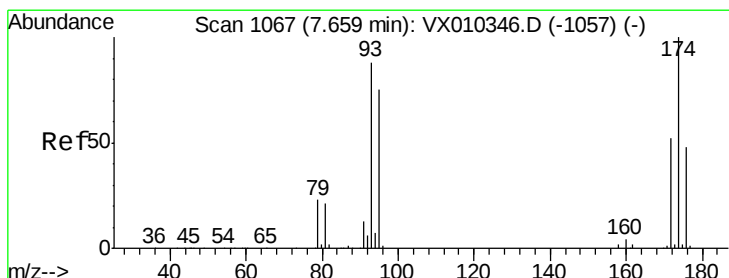
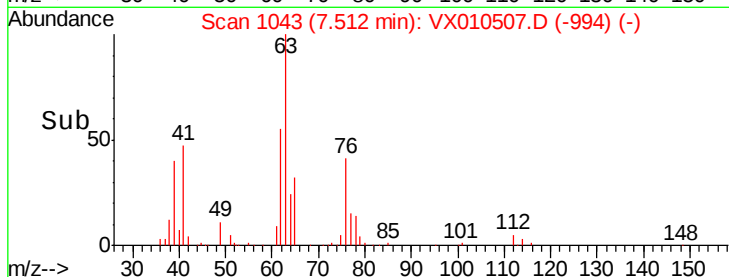
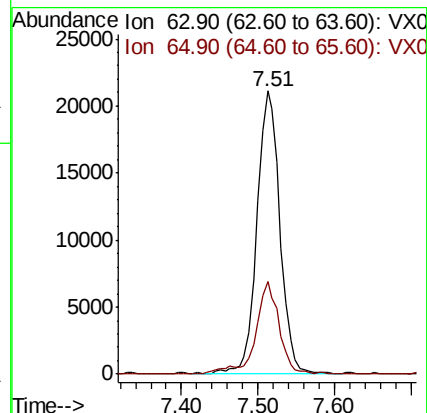
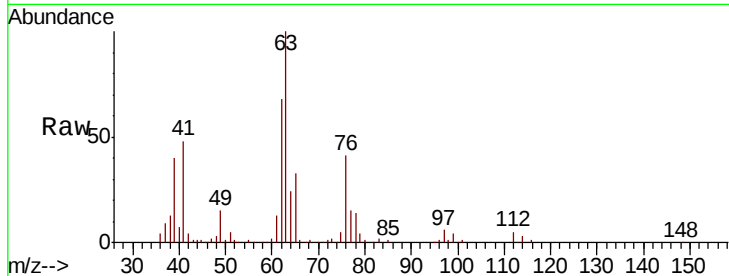
VX0627WBSD02

Tot Ion: 63 Resp: 44488

Ion Ratio Lower Upper

63 100

65 32.9 24.8 37.2



#46

Dibromomethane

Concen: 19.000 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

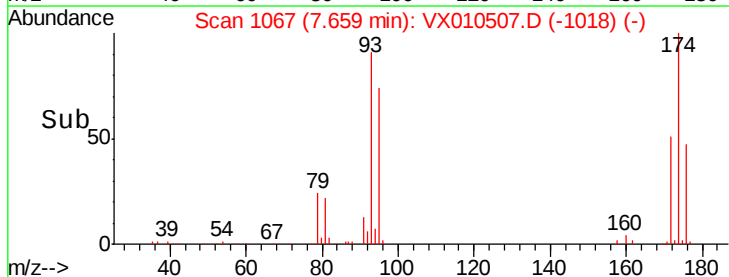
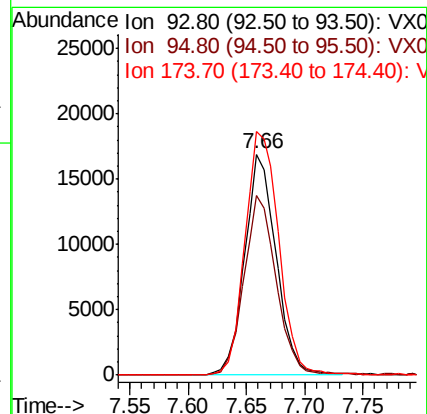
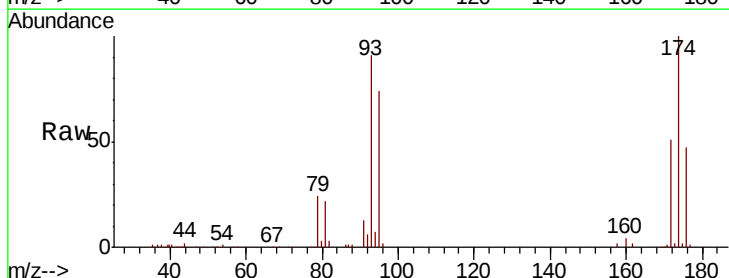
Tgt Ion: 93 Resp: 32005

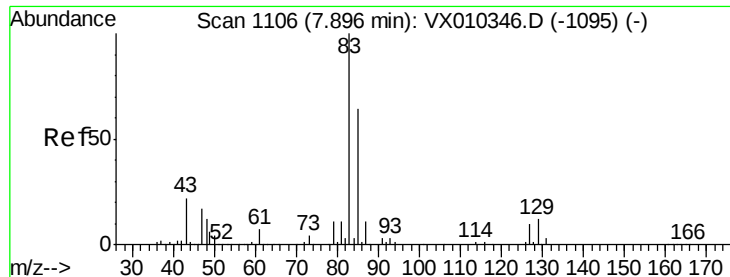
Ion Ratio Lower Upper

93 100

95 82.9 67.5 101.3

174 117.9 95.8 143.6





#47

Bromodichloromethane

Concen: 18.102 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

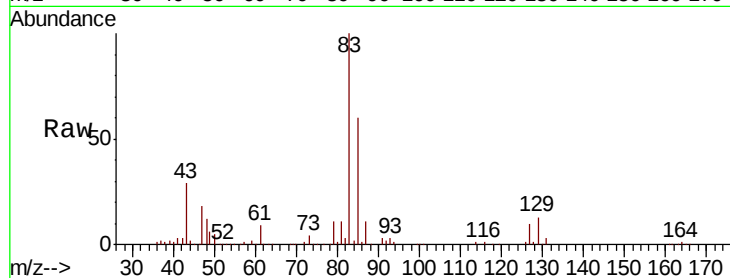
Tot Ion: 83 Resp: 55881

Ion Ratio Lower Upper

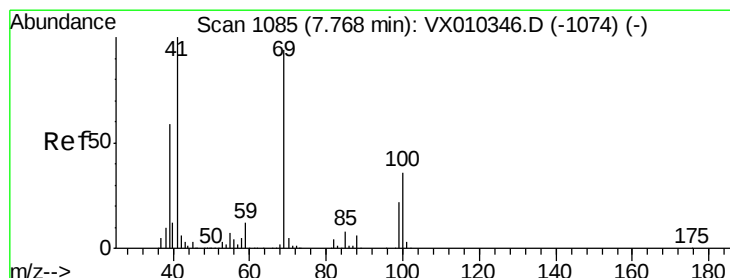
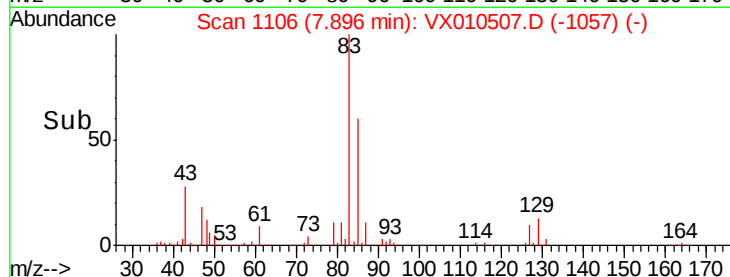
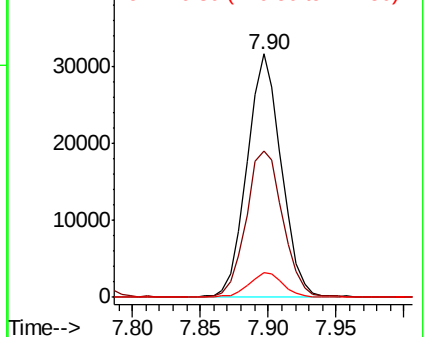
83 100

85 60.3 51.5 77.3

127 10.1 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.742 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

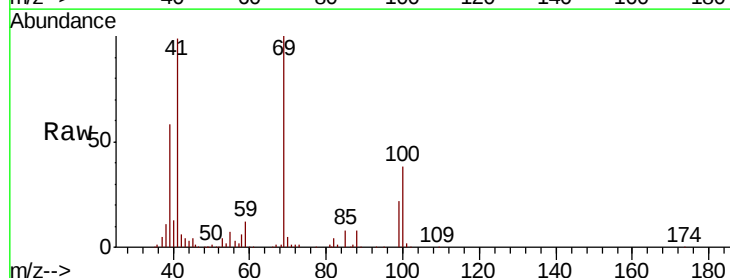
Tgt Ion: 41 Resp: 44249

Ion Ratio Lower Upper

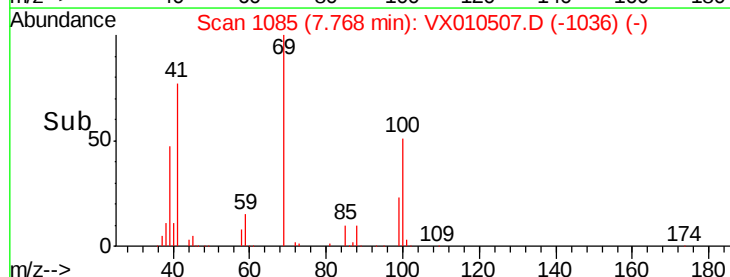
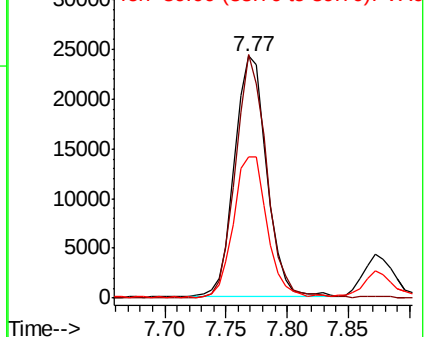
41 100

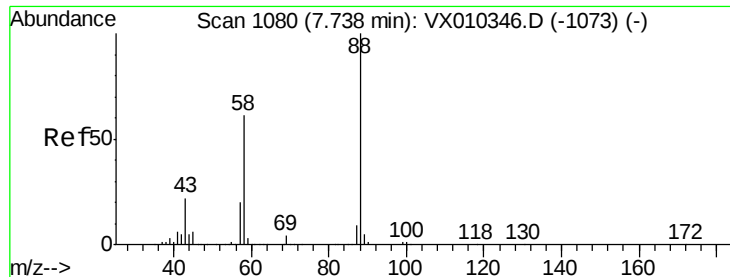
69 97.9 76.1 114.1

39 62.1 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 406.752 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

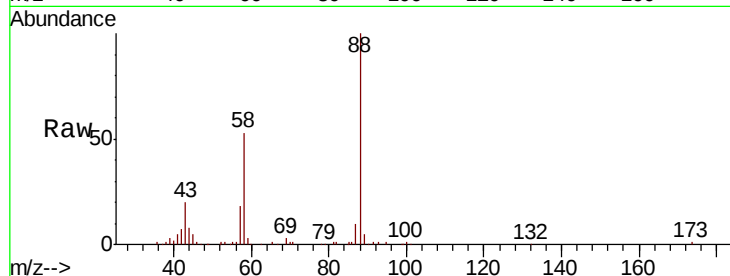
Tot Ion: 88 Resp: 27664

Ion Ratio Lower Upper

88 100

43 23.8 20.2 30.2

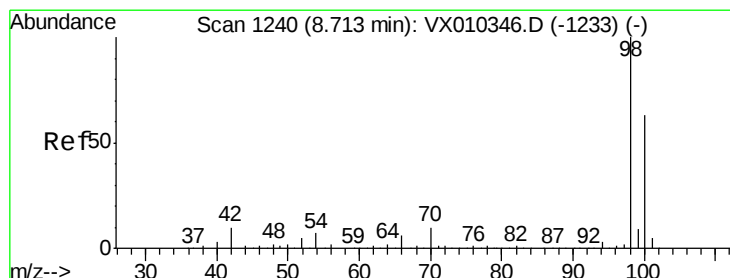
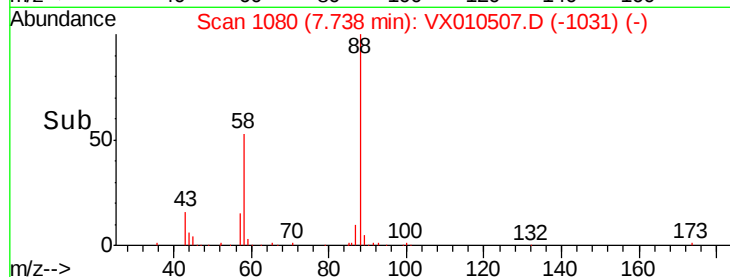
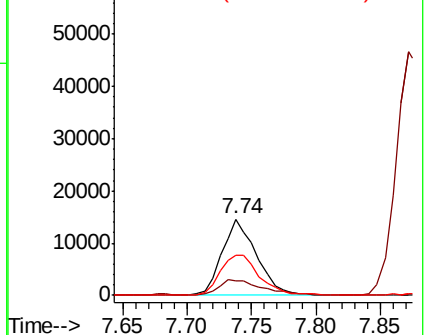
58 60.6 49.5 74.3



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: 48.796 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010507.D

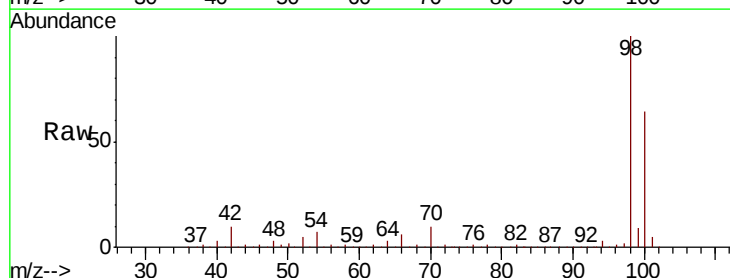
Acq: 28 Jun 2019 00:16

Tgt Ion: 98 Resp: 428936

Ion Ratio Lower Upper

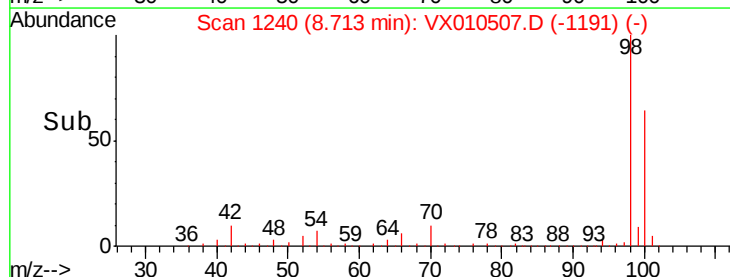
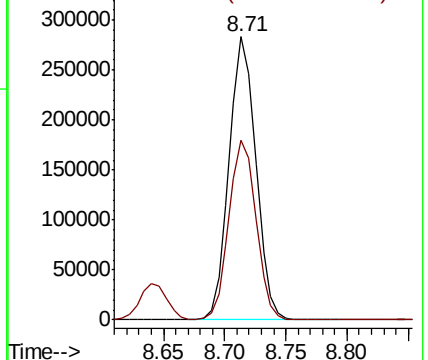
98 100

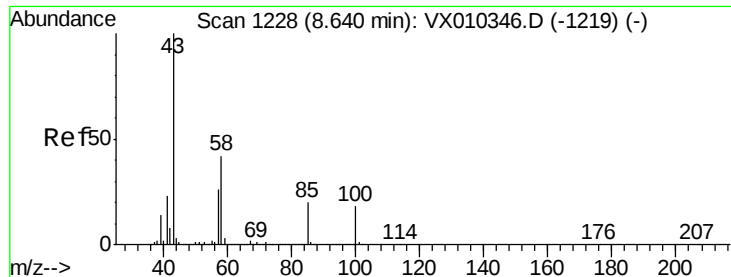
100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

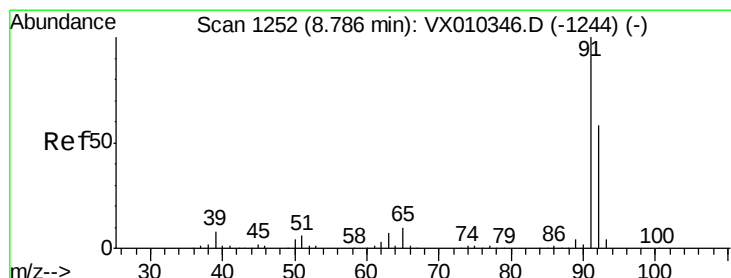
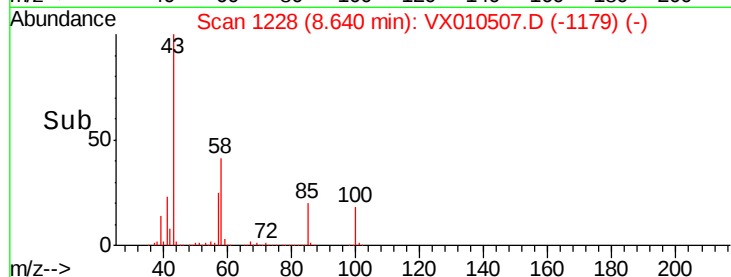
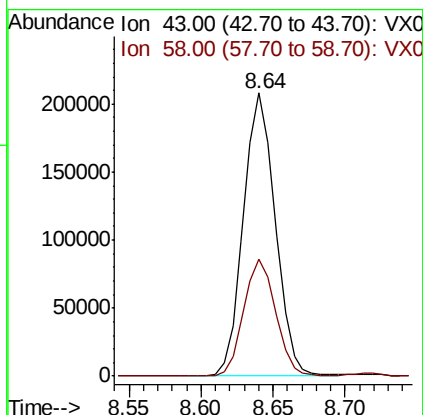
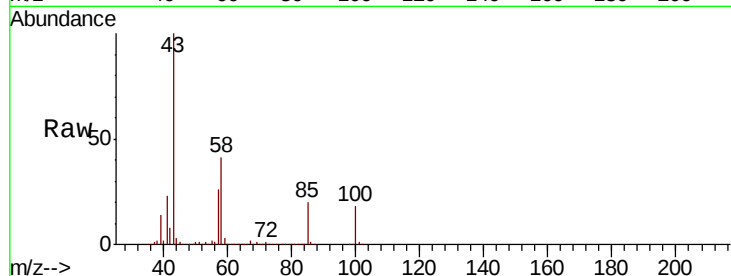




#51
 4-Methyl-2-Pentanone
 Concen: 98.297 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

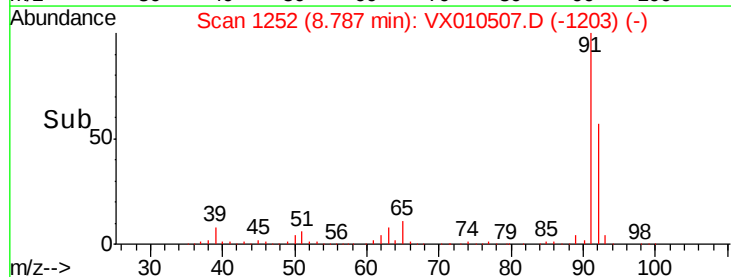
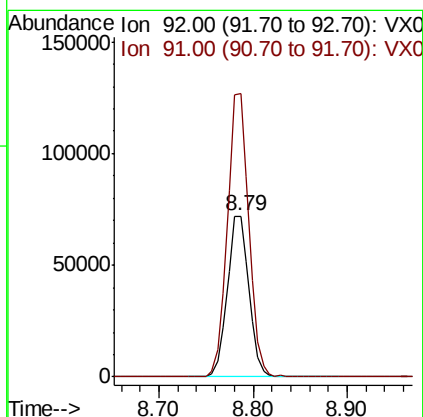
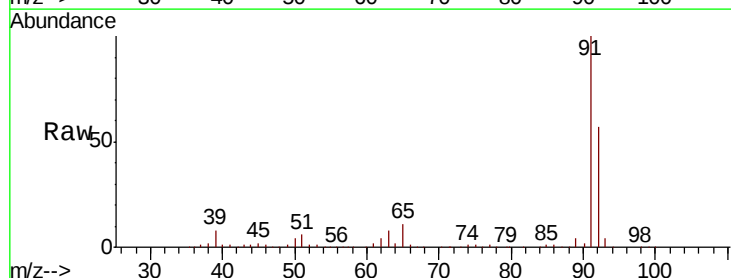
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

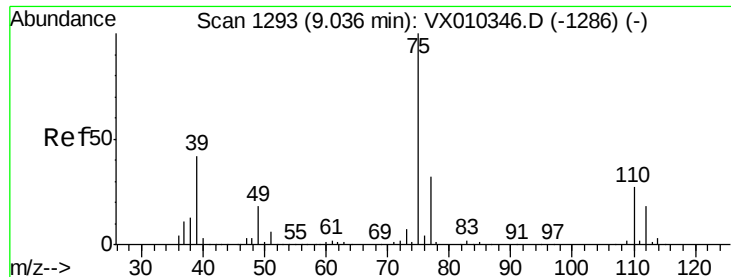
Tot Ion: 43 Resp: 319319
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.5 50.3



#52
 Toluene
 Concen: 18.728 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 92 Resp: 114660
 Ion Ratio Lower Upper
 92 100
 91 174.0 139.8 209.6

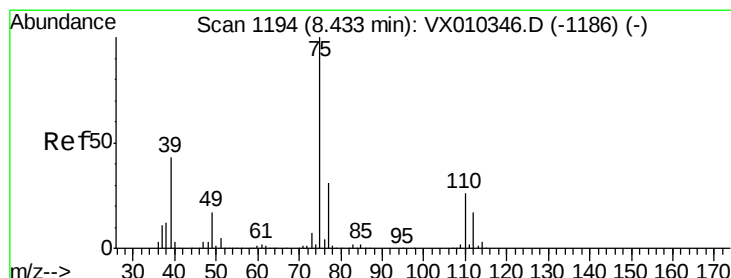
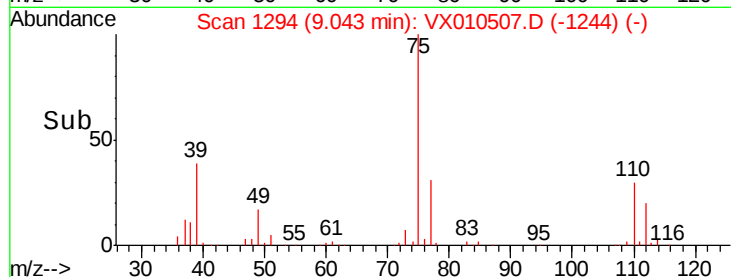
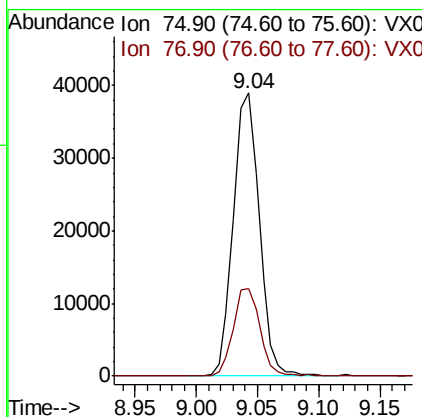
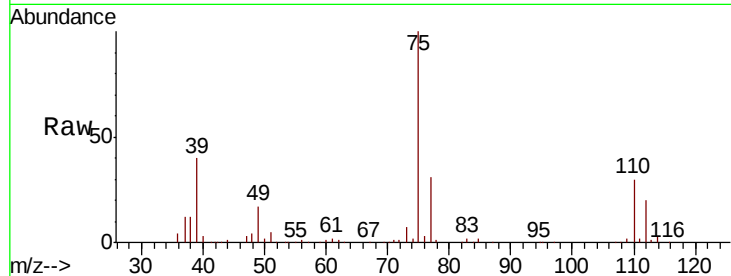




#53
 t-1,3-Dichloropropene
 Concen: 16.592 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

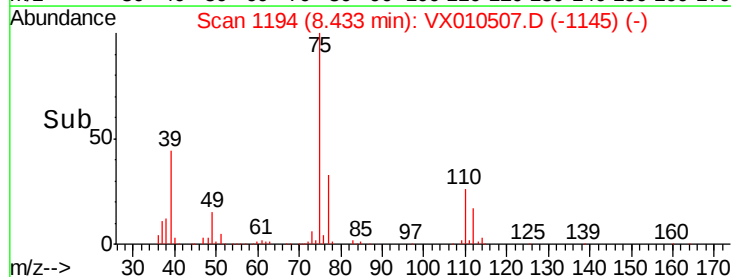
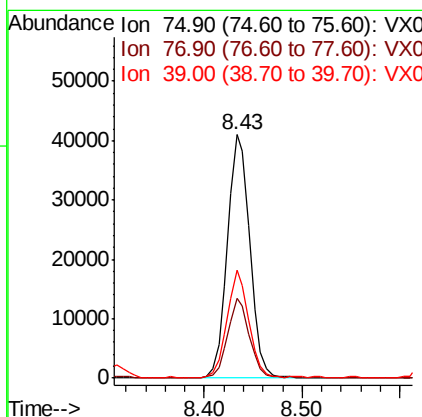
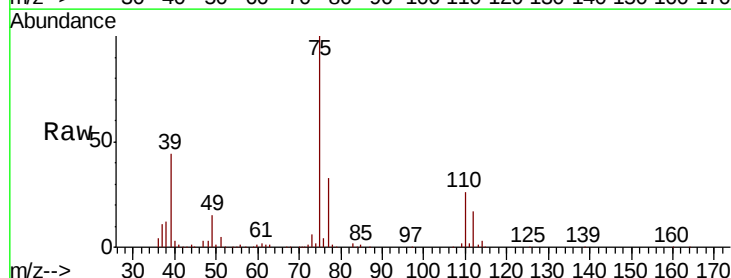
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

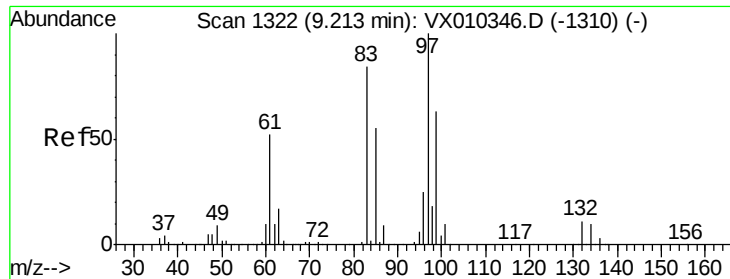
Tot Ion: 75 Resp: 57426
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 17.384 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 75 Resp: 65383
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.2 37.8
 39 43.8 34.5 51.7

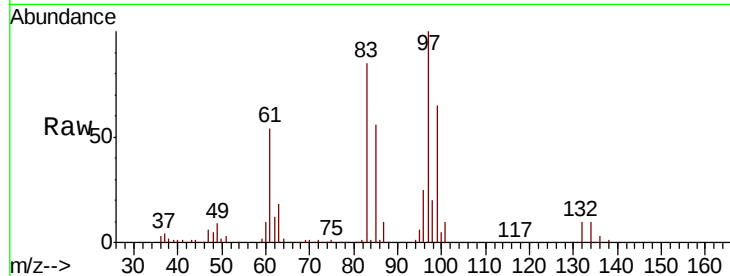




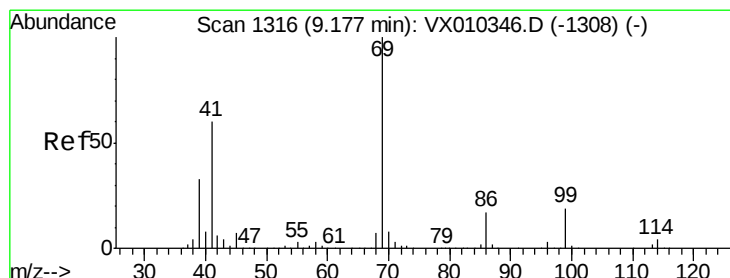
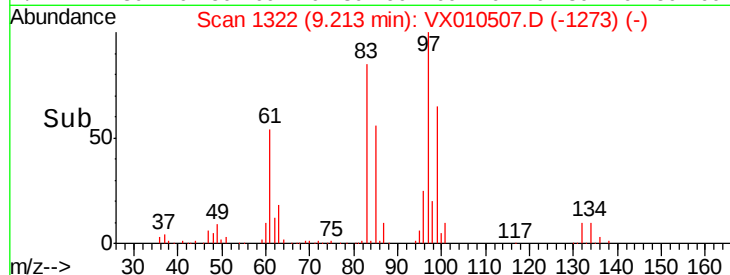
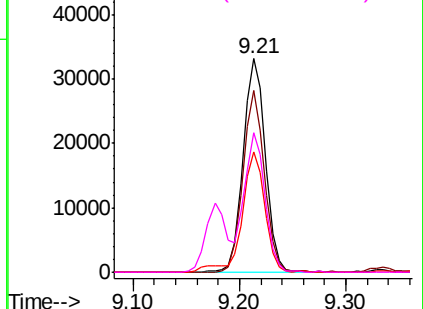
#55
 1,1,2-Trichloroethane
 Concen: 19.311 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion: 97 Resp: 48762
 Ion Ratio Lower Upper
 97 100
 83 85.1 67.4 101.0
 85 55.9 43.8 65.8
 99 65.0 50.3 75.5

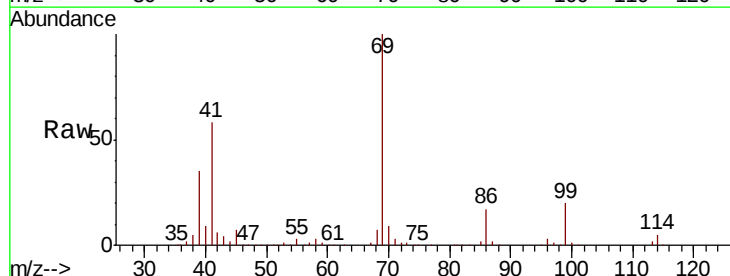


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

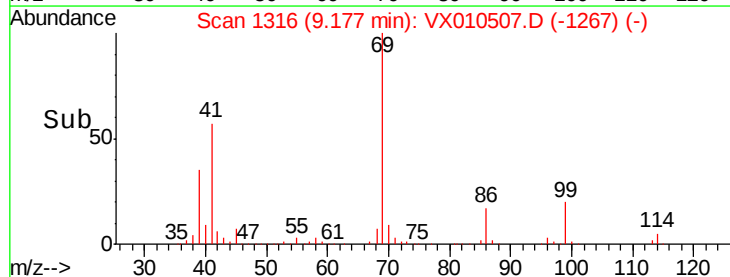
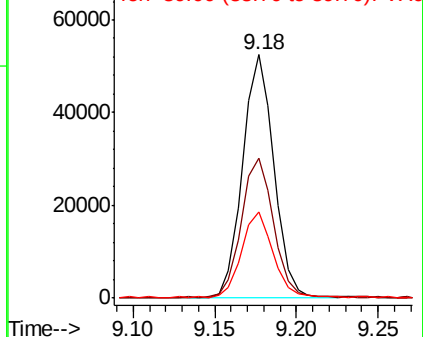


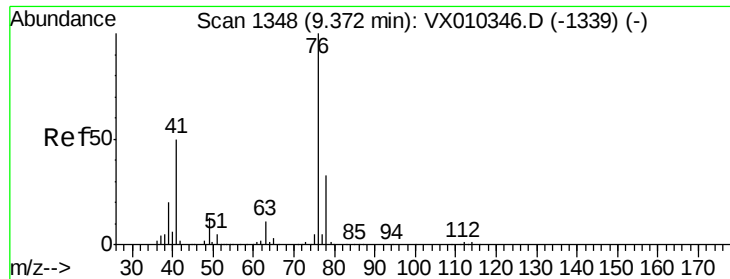
#56
 Ethyl methacrylate
 Concen: 18.409 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 69 Resp: 70415
 Ion Ratio Lower Upper
 69 100
 41 59.5 47.1 70.7
 39 34.9 26.6 40.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.070 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

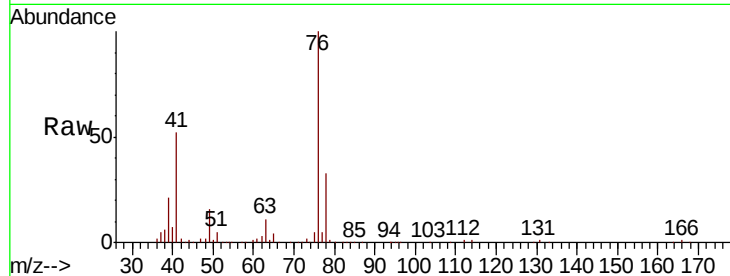
VX0627WBSD02

Tot Ion: 76 Resp: 74746

Ion Ratio Lower Upper

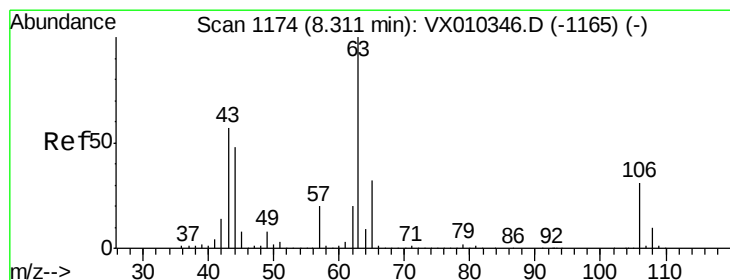
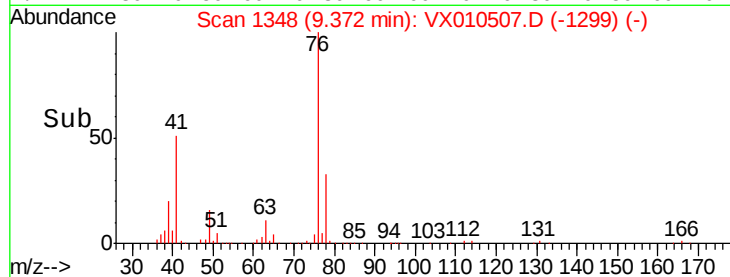
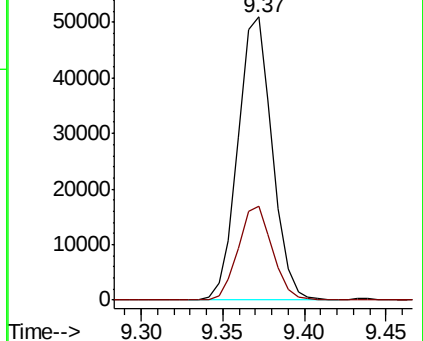
76 100

78 33.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 93.623 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010507.D

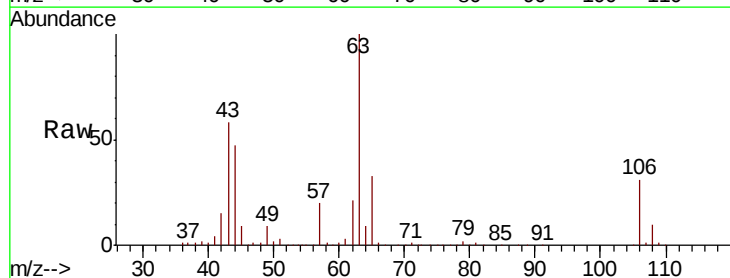
Acq: 28 Jun 2019 00:16

Tgt Ion: 63 Resp: 170080

Ion Ratio Lower Upper

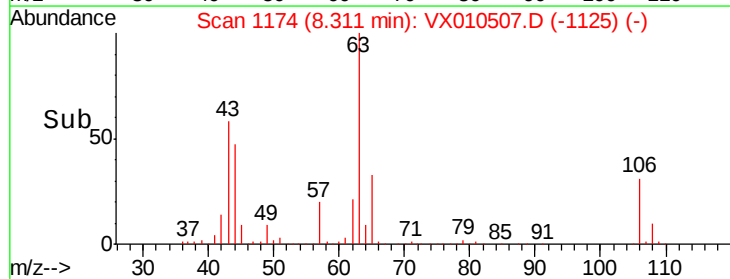
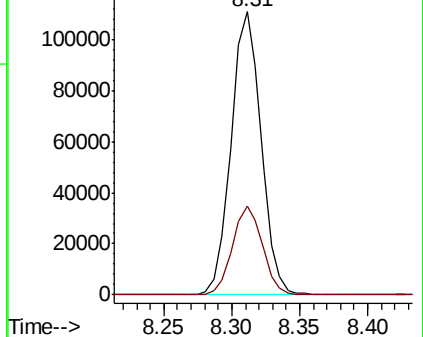
63 100

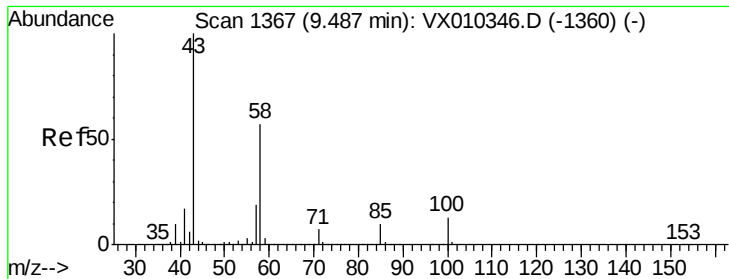
106 31.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

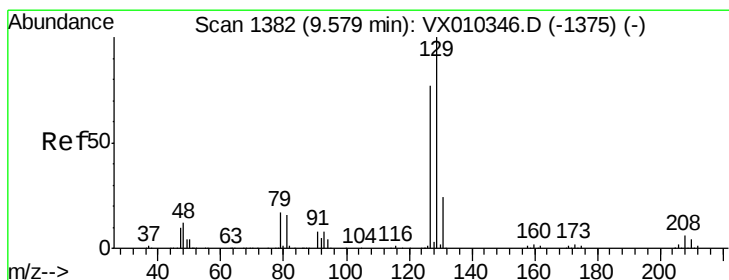
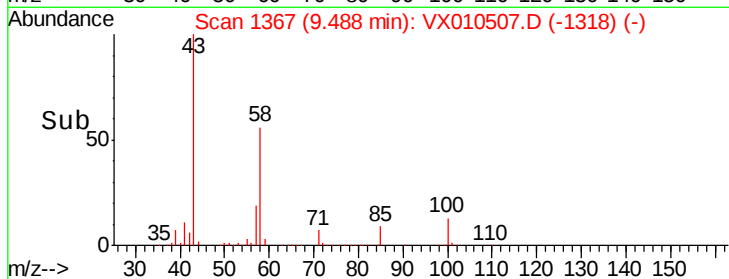
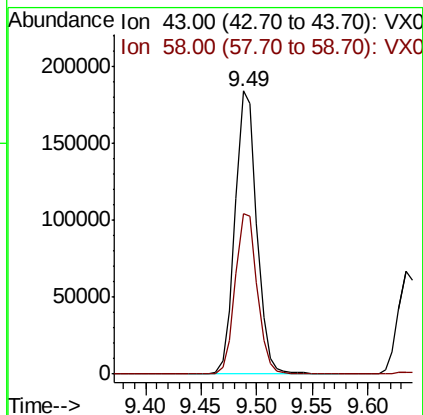
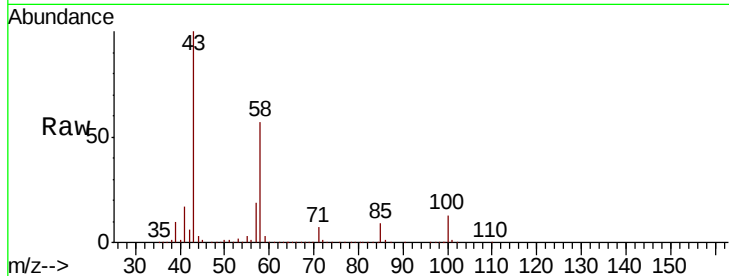




#59
2-Hexanone
Concen: 97.095 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

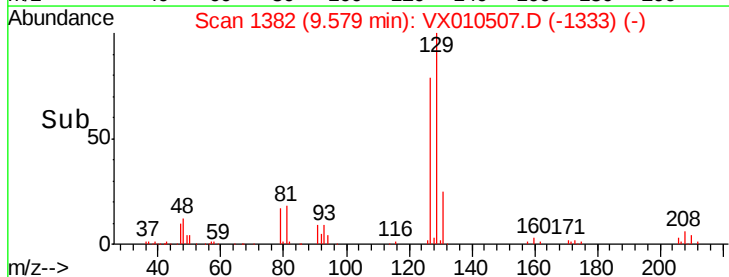
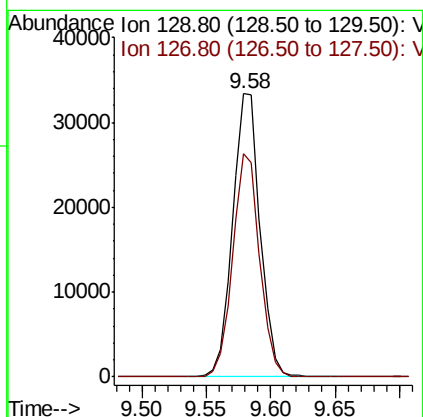
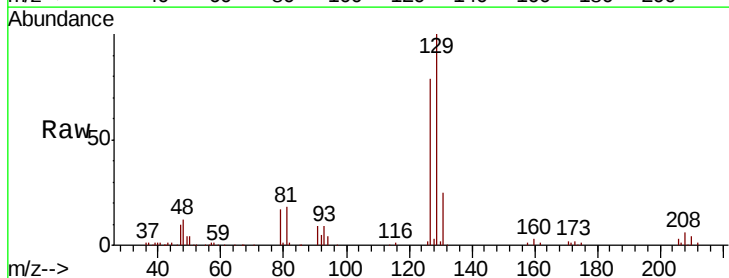
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion: 43 Resp: 248242
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1



#60
Dibromochloromethane
Concen: 17.557 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion:129 Resp: 49638
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1

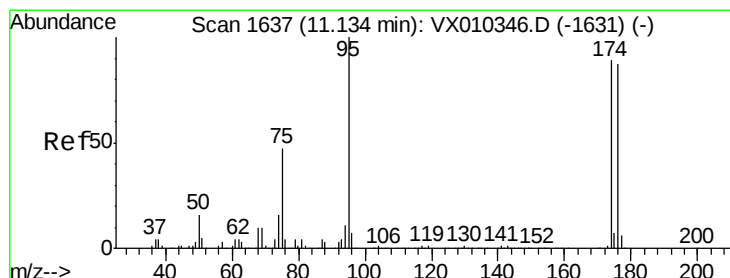
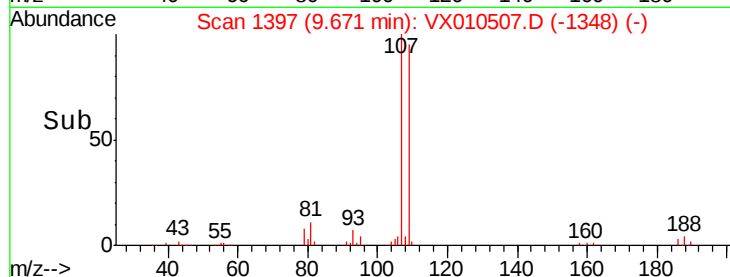
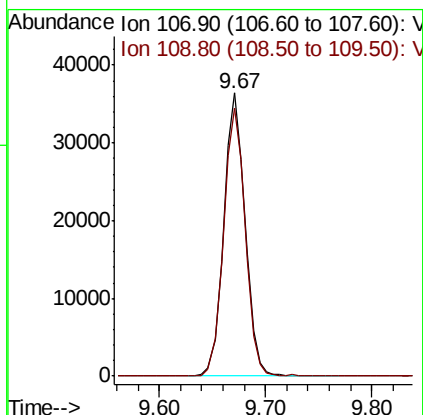
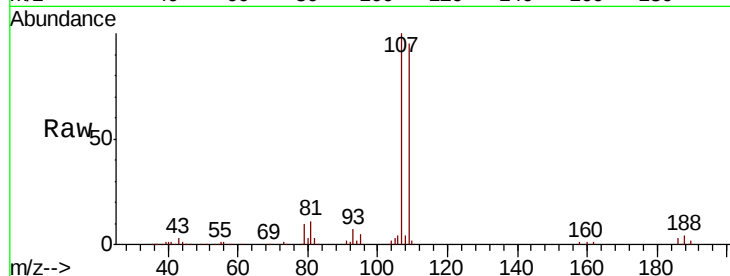




#61
 1,2-Dibromoethane
 Concen: 18.735 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

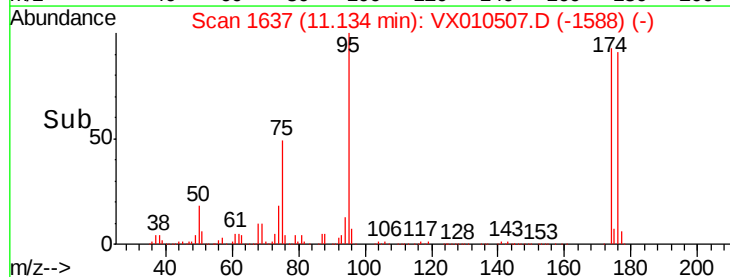
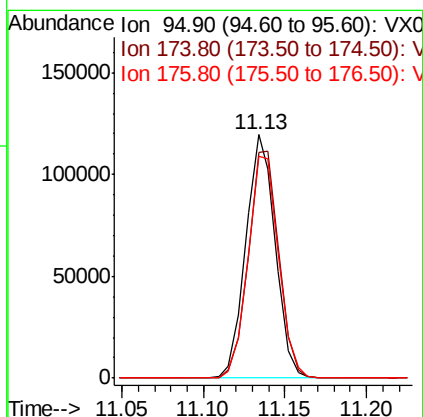
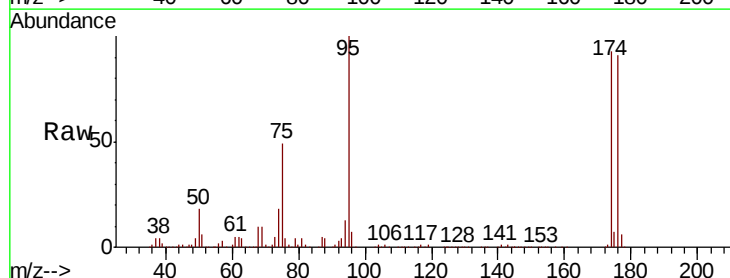
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

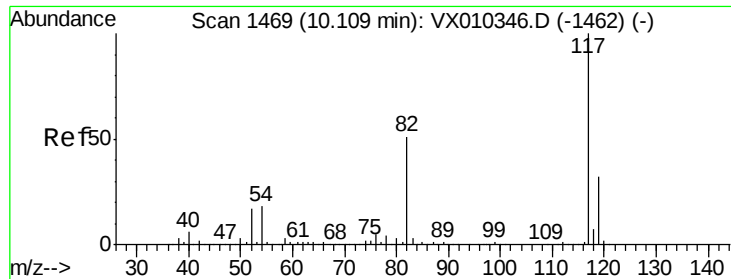
Tot Ion: 107 Resp: 51063
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 47.419 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 95 Resp: 150487
 Ion Ratio Lower Upper
 95 100
 174 97.0 0.0 187.6
 176 95.0 0.0 184.0

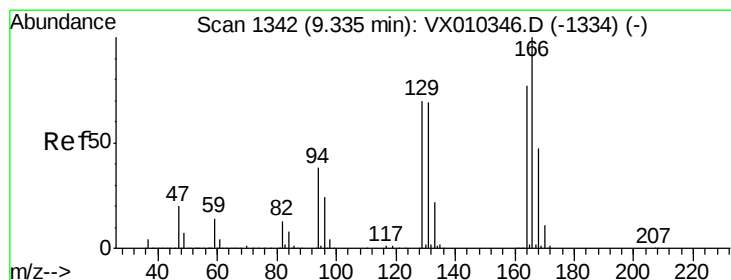
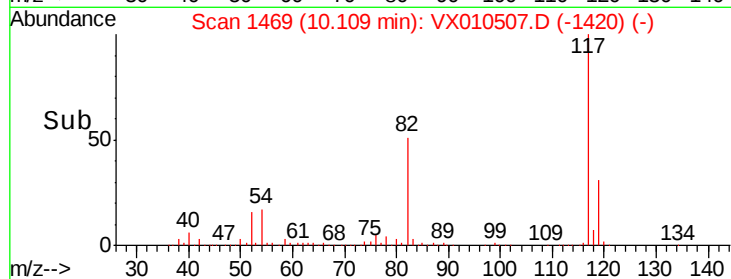
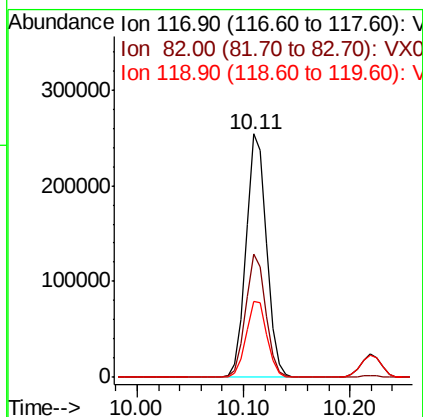
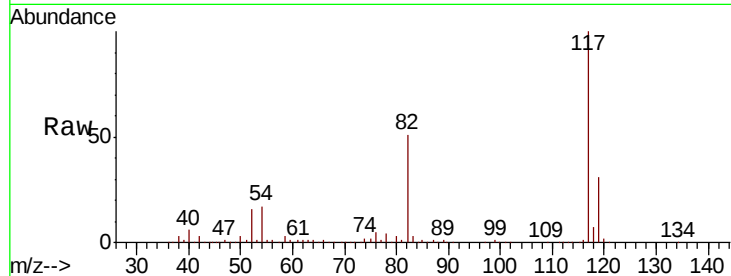




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

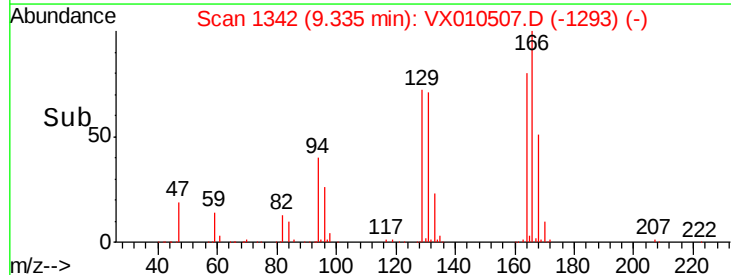
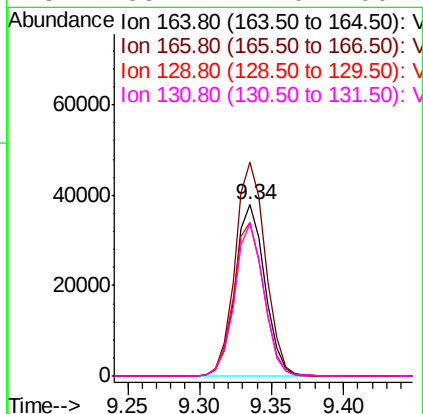
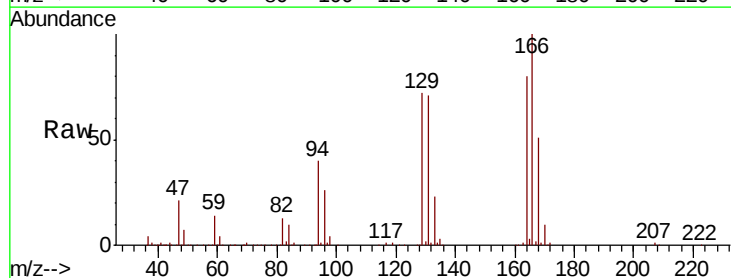
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

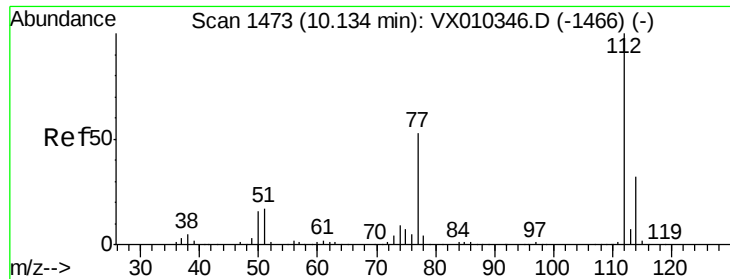
Tot Ion:117 Resp: 341954
Ion Ratio Lower Upper
117 100
82 50.6 41.2 61.8
119 31.1 25.5 38.3



#64
Tetrachloroethene
Concen: 19.749 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion:164 Resp: 54621
Ion Ratio Lower Upper
164 100
166 124.8 103.6 155.4
129 89.7 73.0 109.4
131 88.7 71.0 106.4

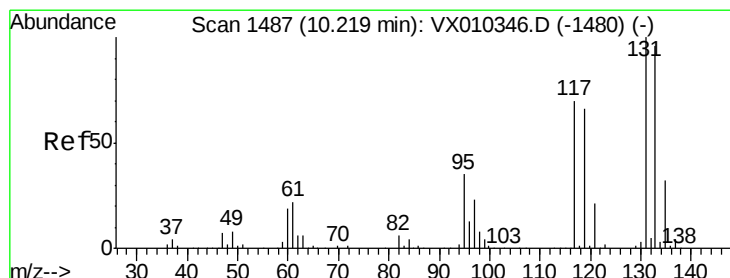
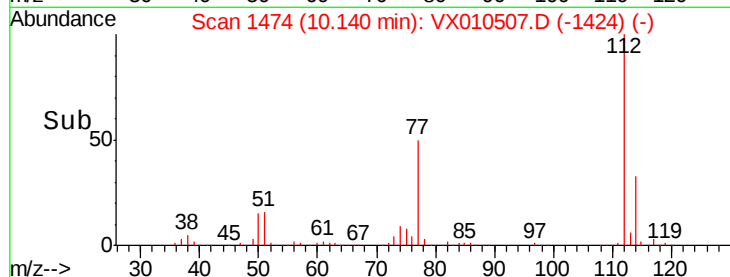
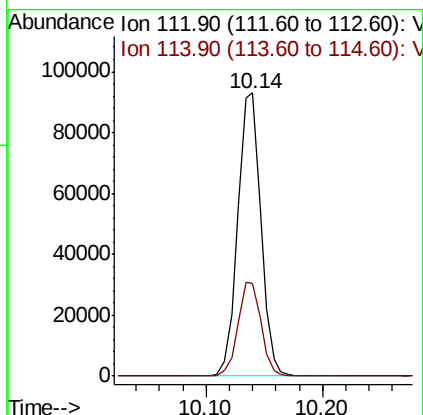
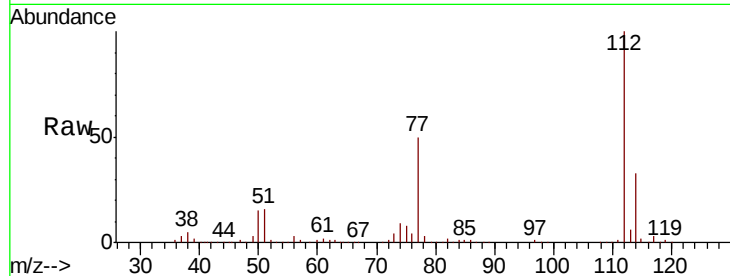




#65
Chlorobenzene
Concen: 18.609 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

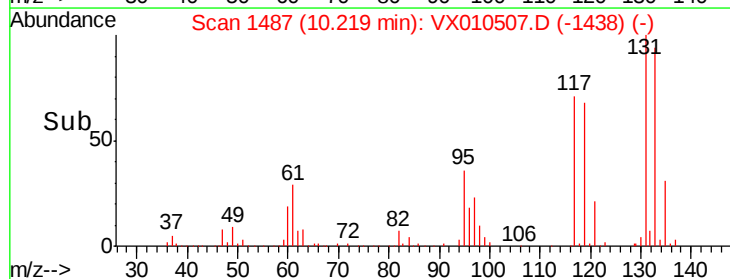
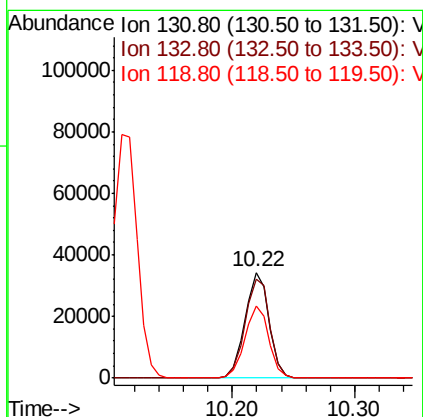
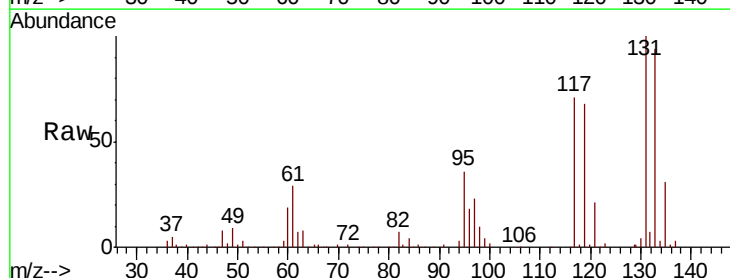
Instrument :
MSVOA_X
ClientSampled :
VX0627WBSD02

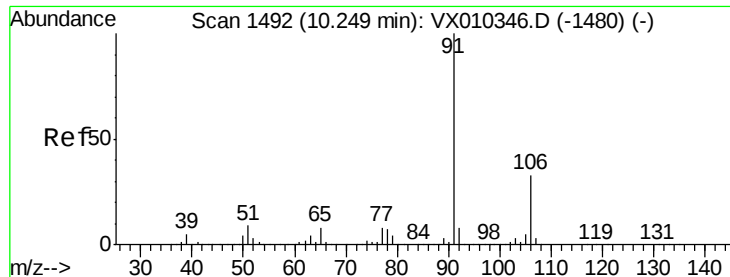
Tot Ion:112 Resp: 129191
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.464 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion:131 Resp: 46691
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 68.2 32.6 97.7

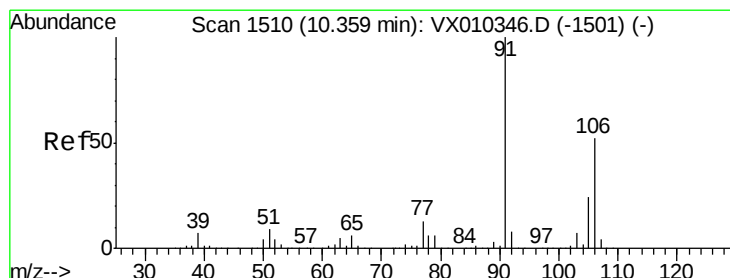
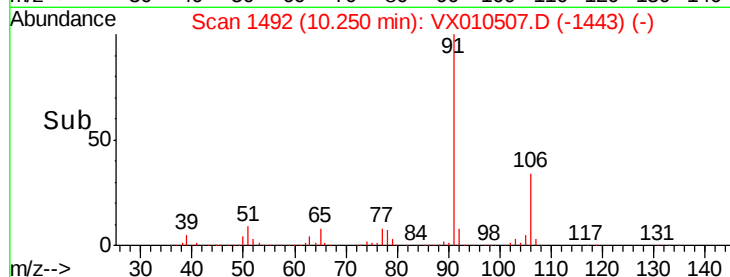
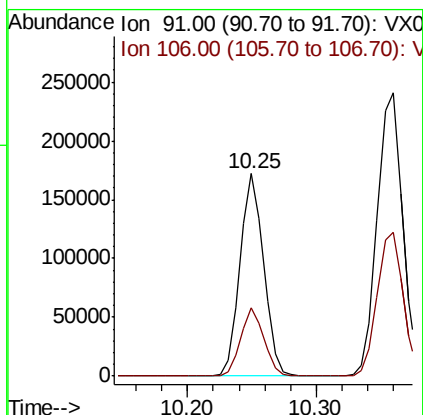
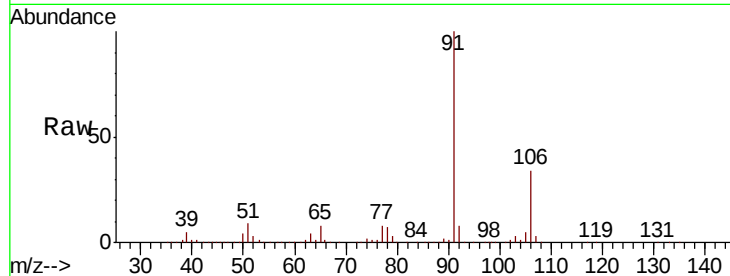




#67
Ethyl Benzene
Concen: 18.731 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

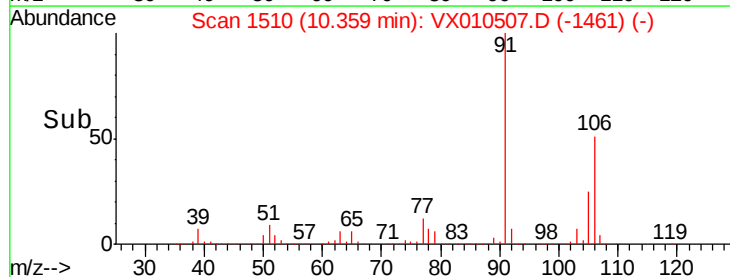
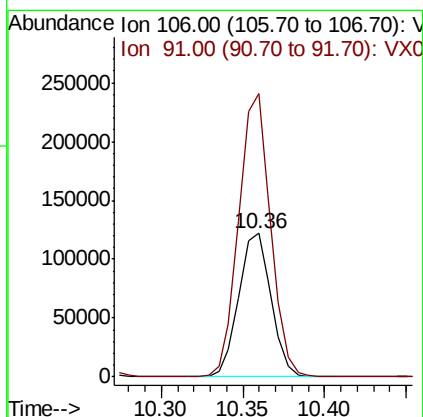
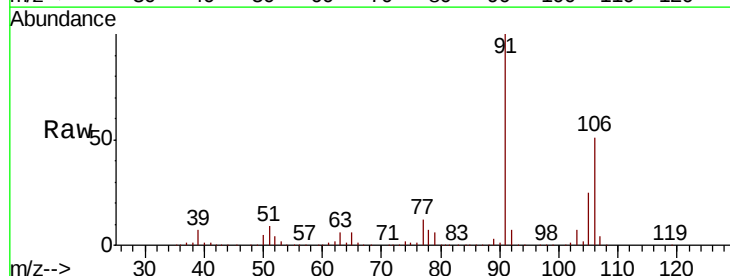
Instrument :
MSVOA_X
ClientSampleID :
VX0627WBSD02

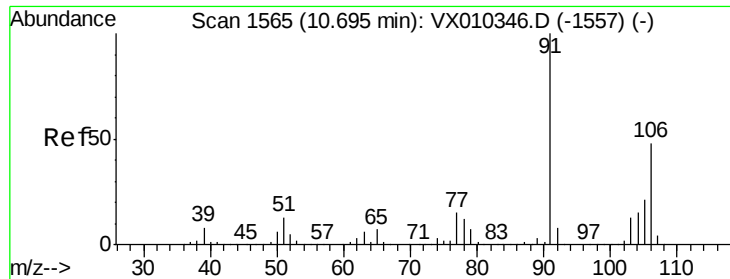
Tot Ion: 91 Resp: 219526
Ion Ratio Lower Upper
91 100
106 33.5 26.2 39.2



#68
m/p-Xylenes
Concen: 37.167 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion: 106 Resp: 168786
Ion Ratio Lower Upper
106 100
91 194.2 155.3 232.9

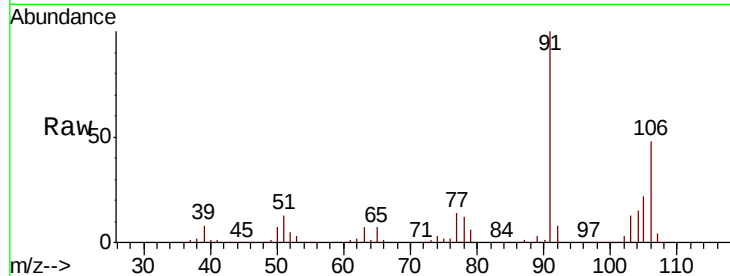




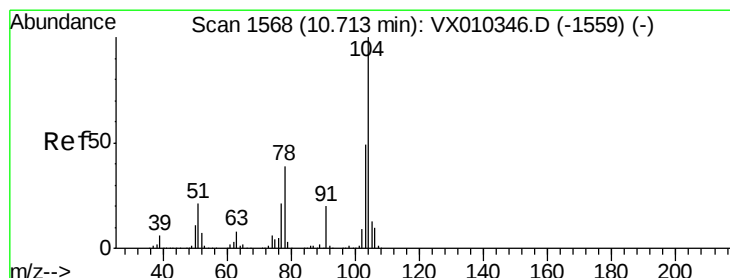
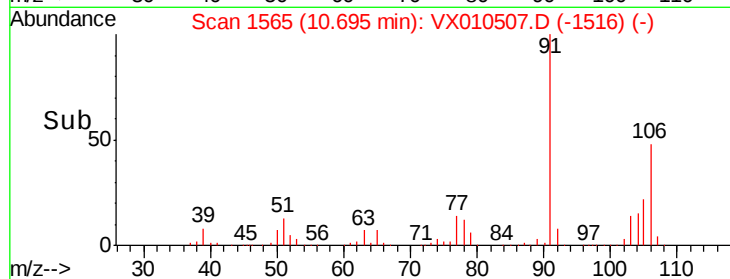
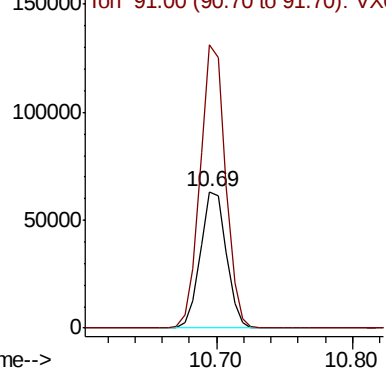
#69
o-Xylene
Concen: 18.771 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

Tot Ion:106 Resp: 83830
Ion Ratio Lower Upper
106 100
91 203.6 102.7 308.1

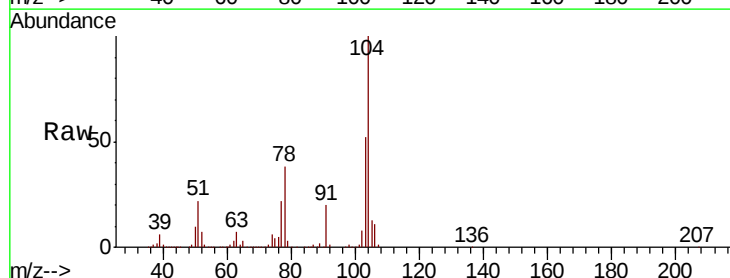


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

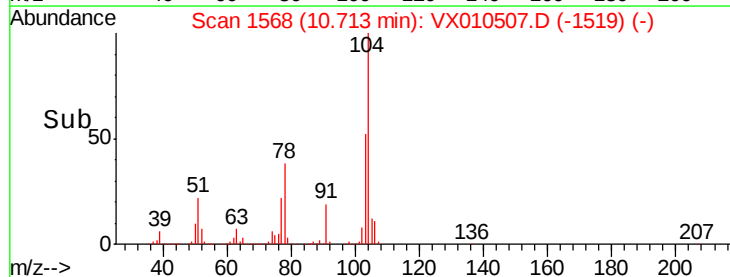
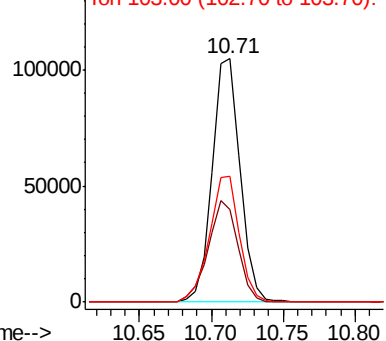


#70
Styrene
Concen: 18.794 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion:104 Resp: 140760
Ion Ratio Lower Upper
104 100
78 44.9 36.2 54.2
103 55.7 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 17.204 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

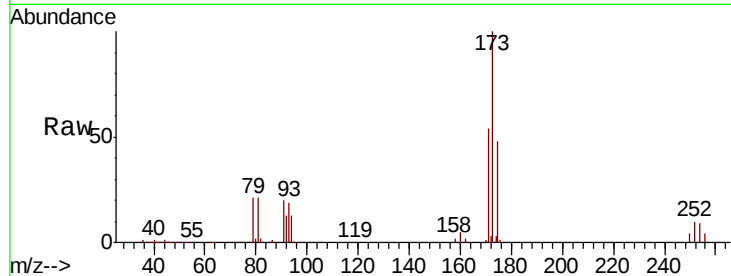
Tot Ion:173 Resp: 37833

Ion Ratio Lower Upper

173 100

175 47.3 24.1 72.3

254 0.1 0.2 0.2#

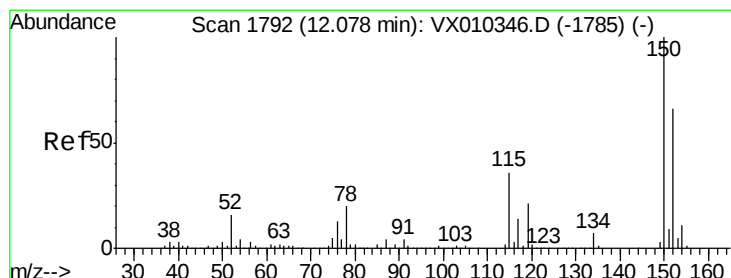
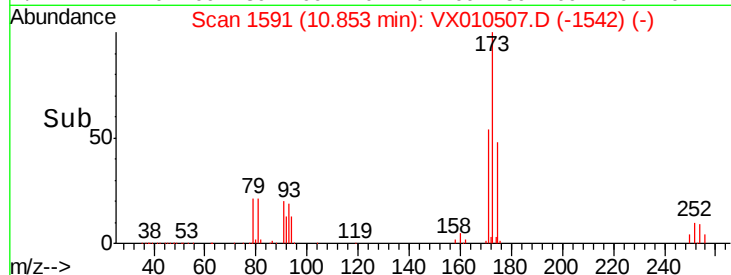
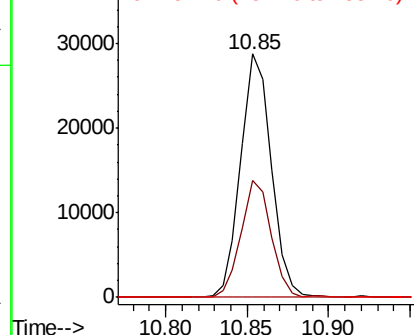


Abundance

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: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

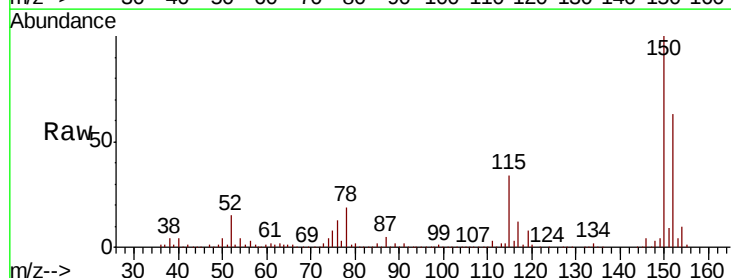
Tgt Ion:152 Resp: 173497

Ion Ratio Lower Upper

152 100

115 62.1 38.6 115.7

150 163.0 0.0 347.4

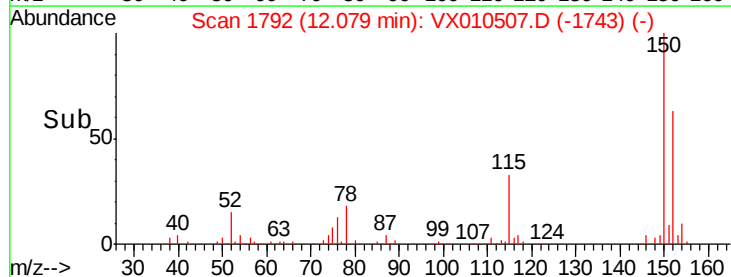
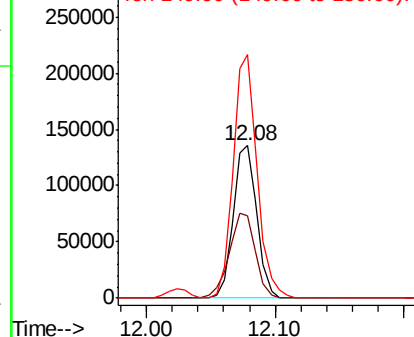


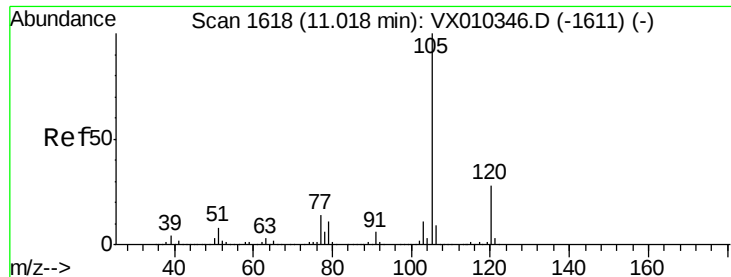
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.800 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

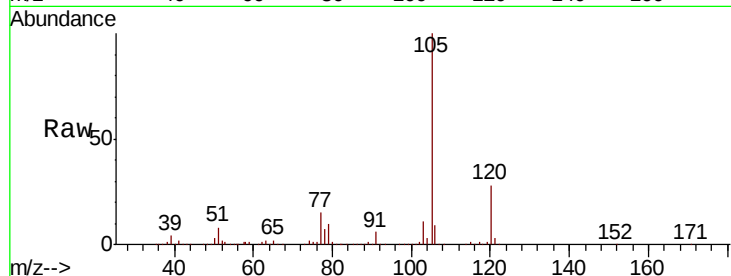
VX0627WBSD02

Tot Ion:105 Resp: 221104

Ion Ratio Lower Upper

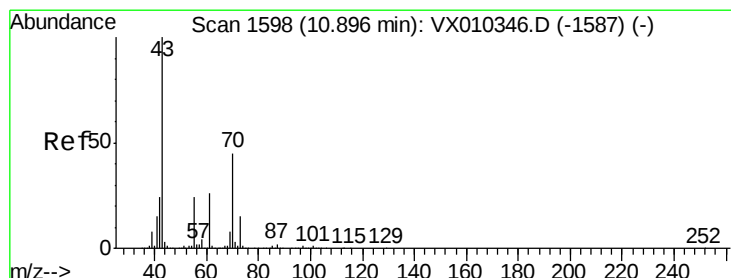
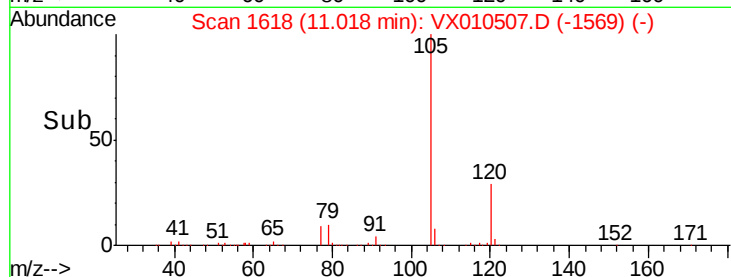
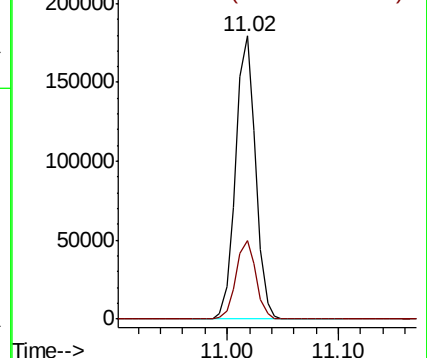
105 100

120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.926 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Tgt Ion: 43 Resp: 84120

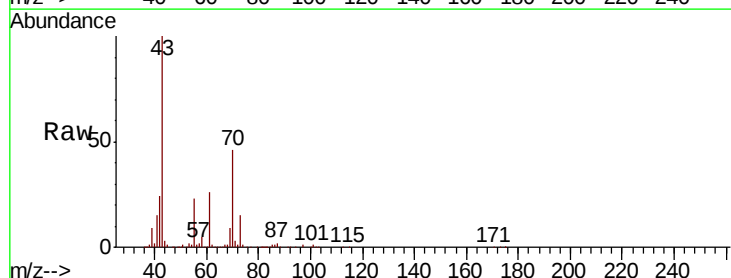
Ion Ratio Lower Upper

43 100

70 45.4 36.6 54.8

55 24.7 18.7 28.1

61 26.2 20.6 31.0

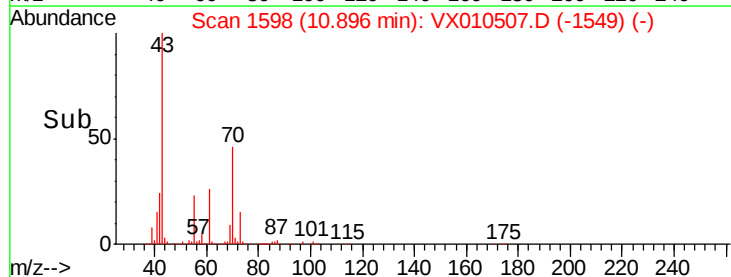
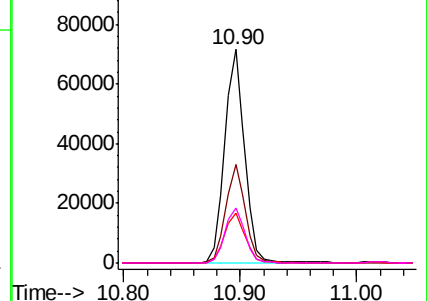


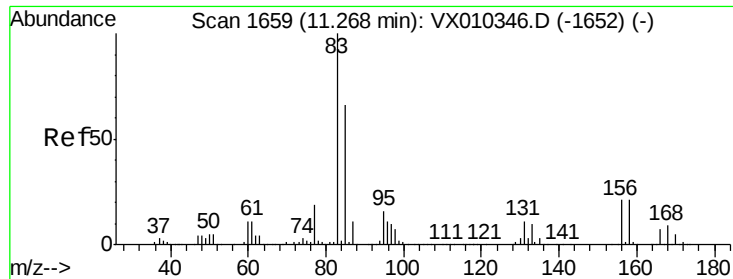
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.307 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

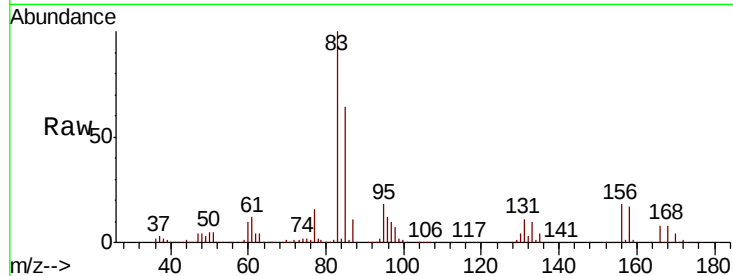
Tot Ion: 83 Resp: 75198

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

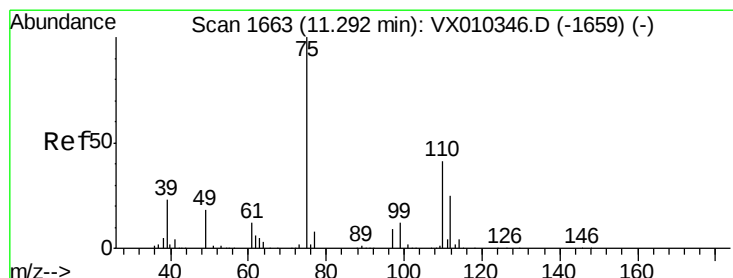
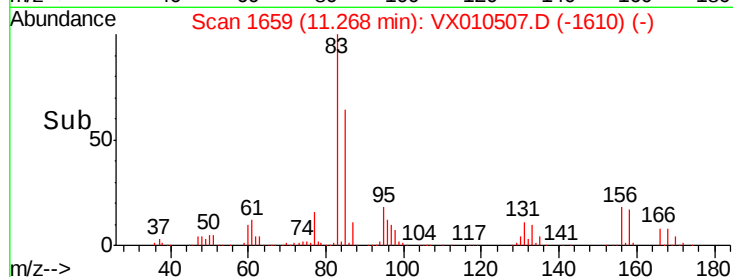
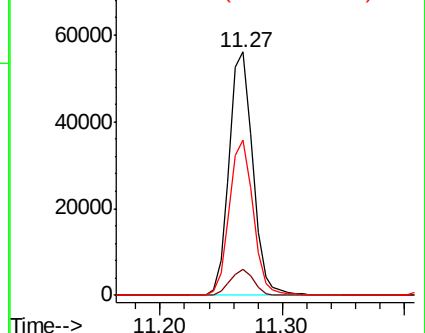
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.474 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010507.D

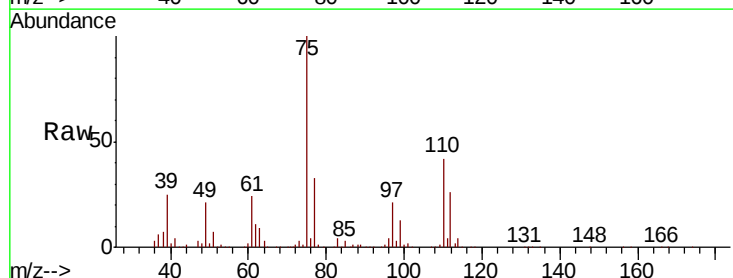
Acq: 28 Jun 2019 00:16

Tgt Ion: 75 Resp: 77375

Ion Ratio Lower Upper

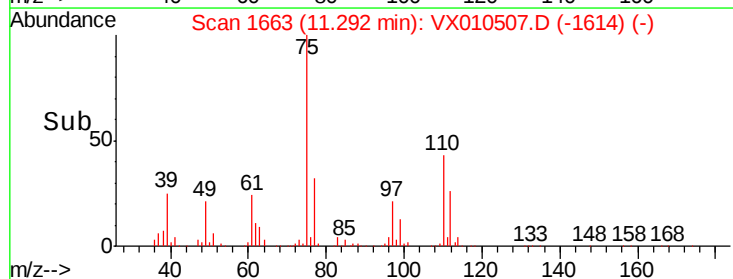
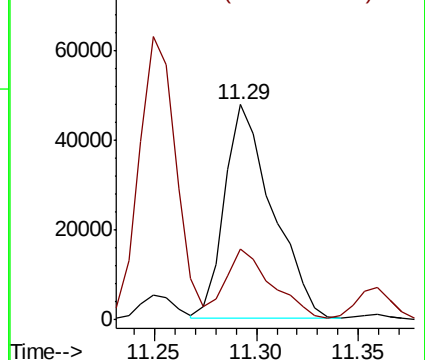
75 100

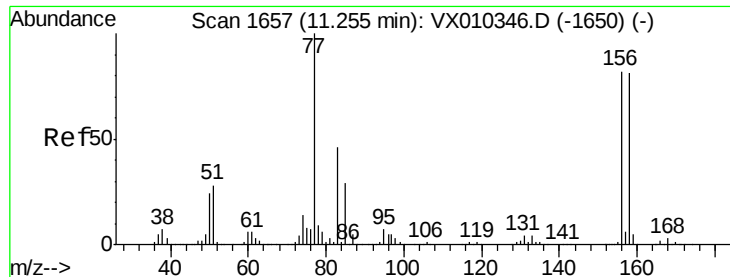
77 32.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.986 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

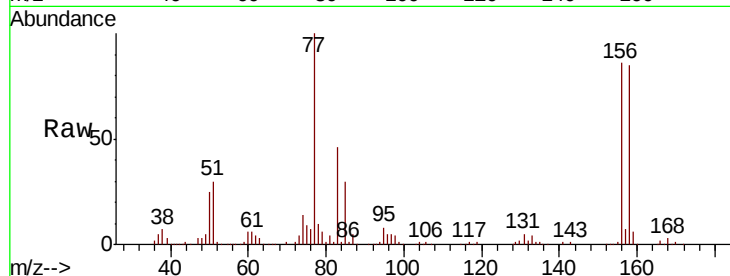
Tot Ion:156 Resp: 62351

Ion Ratio Lower Upper

156 100

77 127.7 66.3 198.7

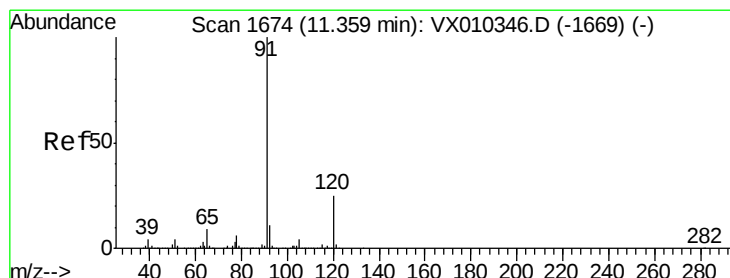
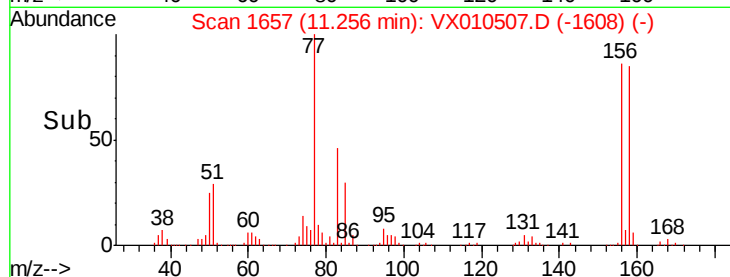
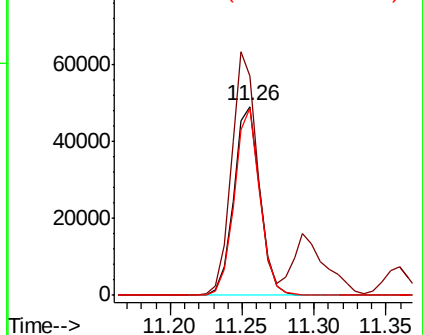
158 96.0 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.385 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010507.D

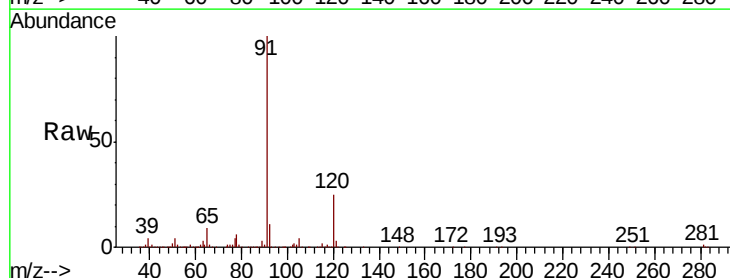
Acq: 28 Jun 2019 00:16

Tgt Ion: 91 Resp: 237638

Ion Ratio Lower Upper

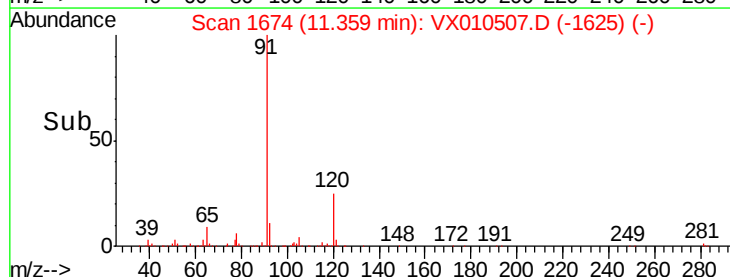
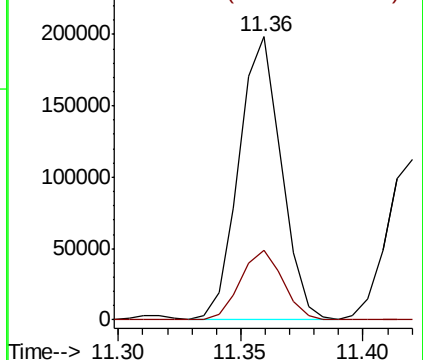
91 100

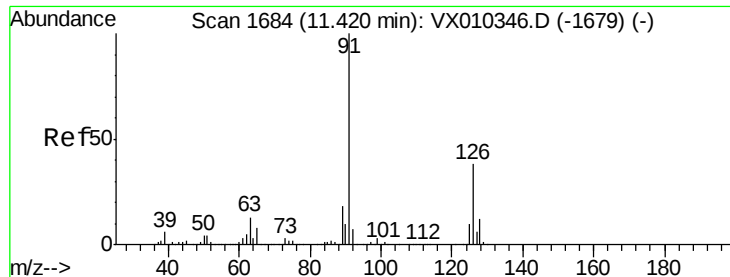
120 24.9 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.523 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

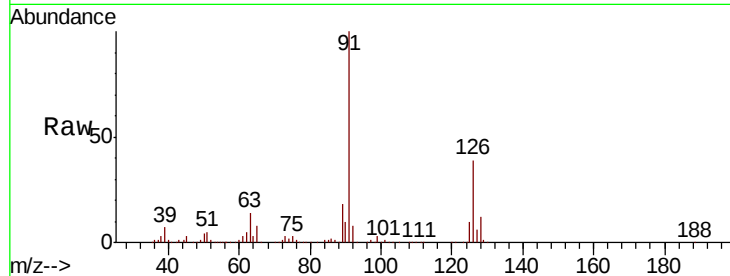
VX0627WBSD02

Tot Ion: 91 Resp: 142572

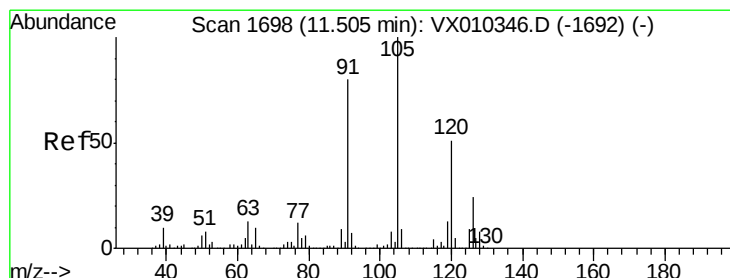
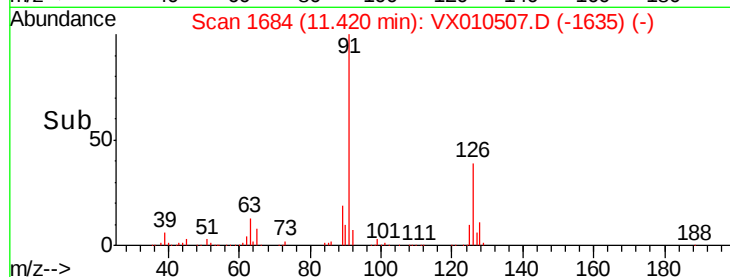
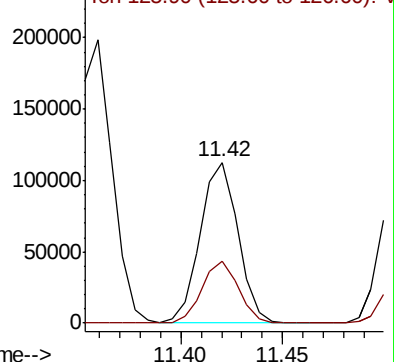
Ion Ratio Lower Upper

91 100

126 37.9 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.554 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010507.D

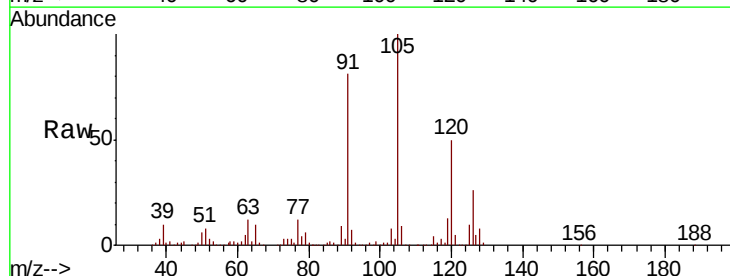
Acq: 28 Jun 2019 00:16

Tgt Ion: 105 Resp: 179894

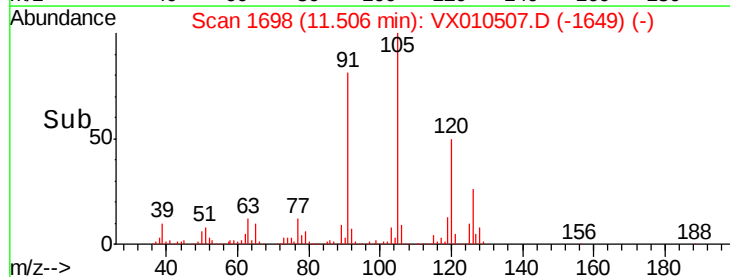
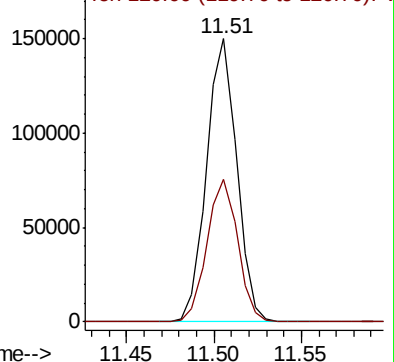
Ion Ratio Lower Upper

105 100

120 51.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010346.D (-1692) (-)

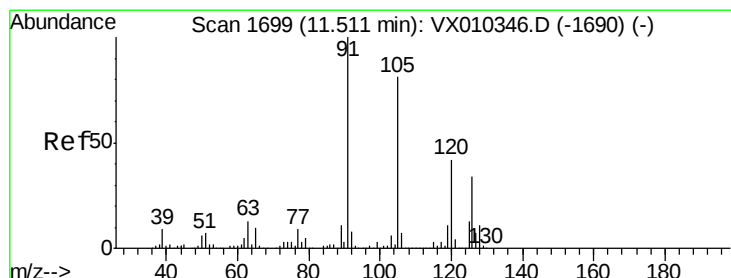
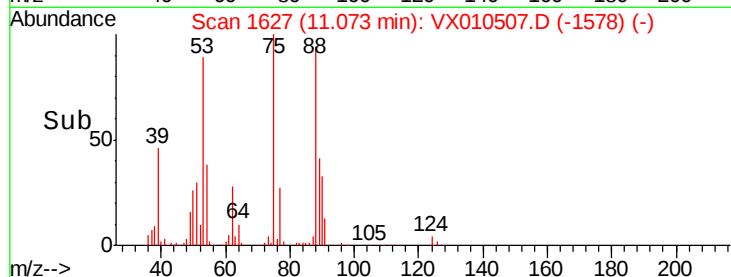
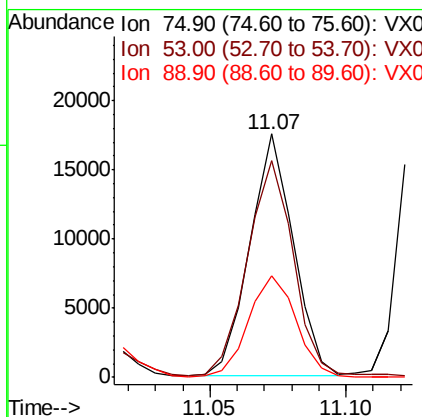
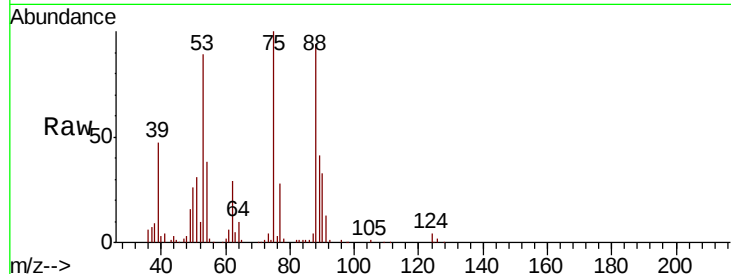




#81
trans-1,4-Dichloro-2-butene
Concen: 14.404 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

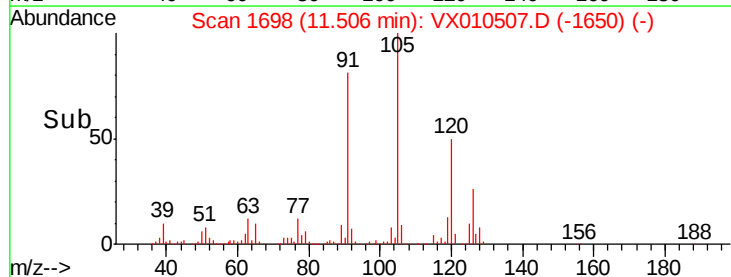
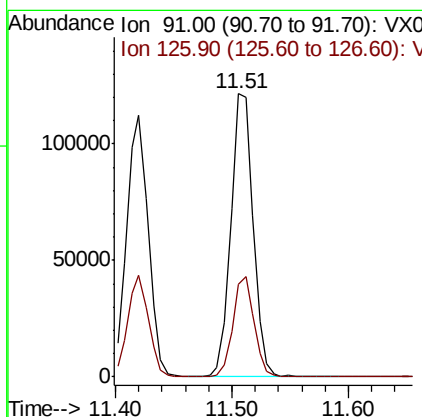
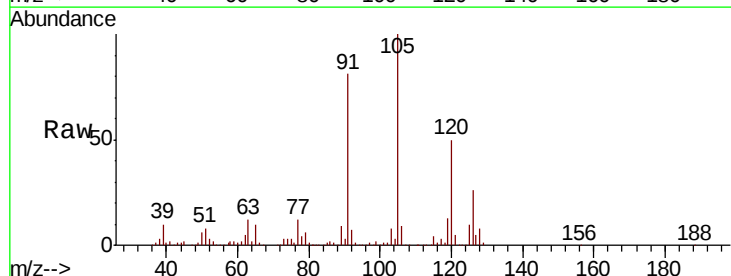
Instrument :
MSVOA_X
ClientSampleId :
VX0627WBSD02

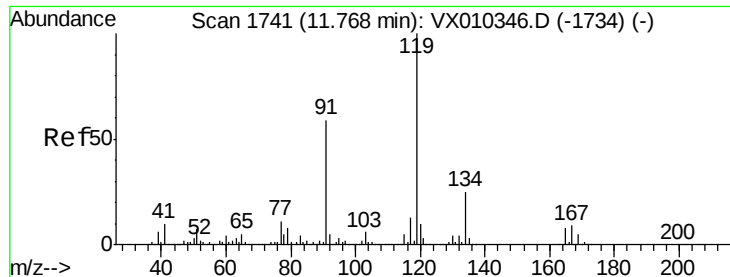
Tot Ion: 75 Resp: 19520
Ion Ratio Lower Upper
75 100
53 96.6 66.1 99.1
89 46.1 37.8 56.6



#82
4-Chlorotoluene
Concen: 18.542 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010507.D
Acq: 28 Jun 2019 00:16

Tgt Ion: 91 Resp: 162402
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.6





#83

tert-Butylbenzene

Concen: 18.376 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleID :

VX0627WBSD02

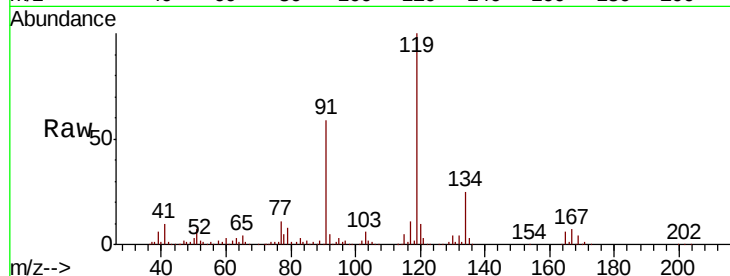
Tot Ion:119 Resp: 178825

Ion Ratio Lower Upper

119 100

91 56.0 27.6 82.7

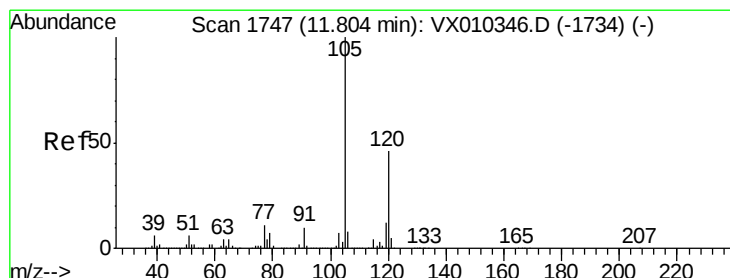
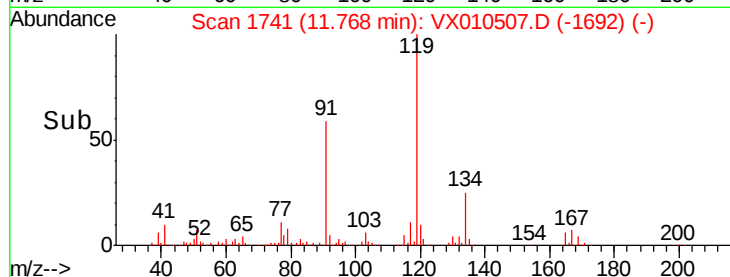
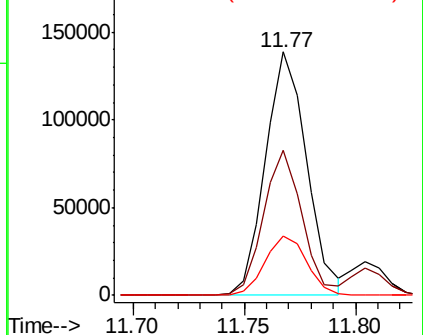
134 24.6 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.783 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010507.D

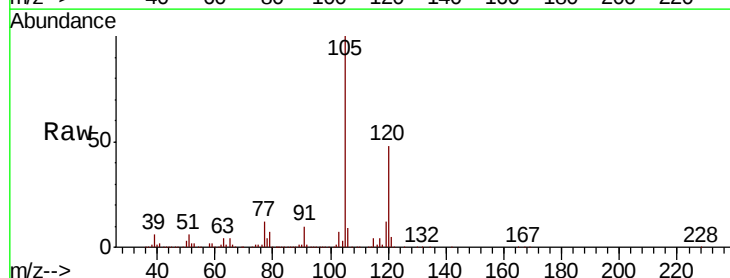
Acq: 28 Jun 2019 00:16

Tgt Ion:105 Resp: 182966

Ion Ratio Lower Upper

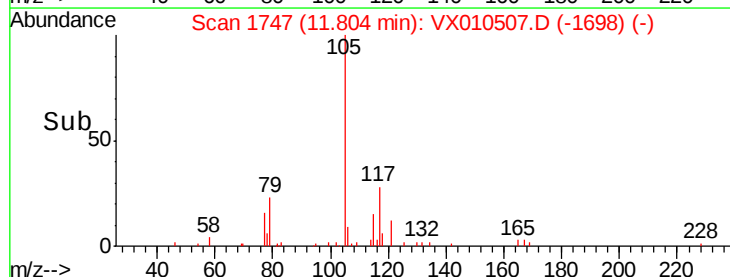
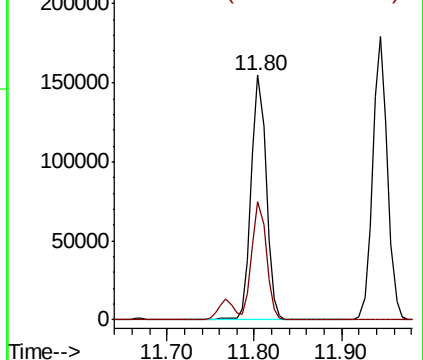
105 100

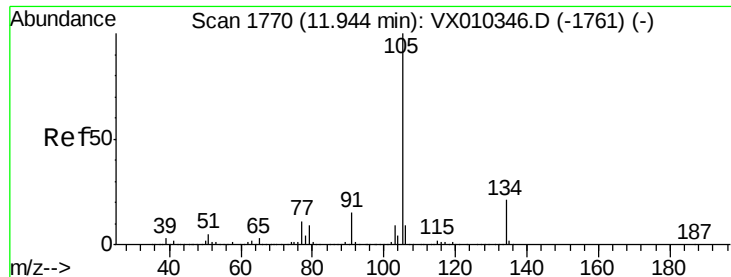
120 46.6 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.668 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

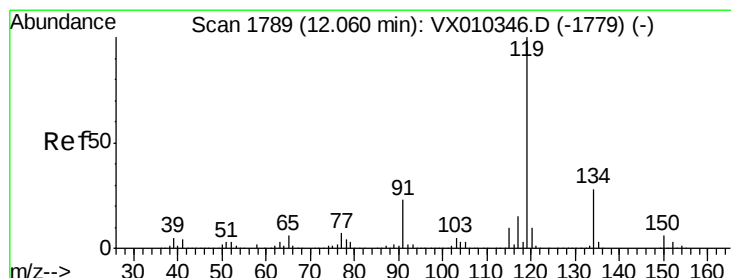
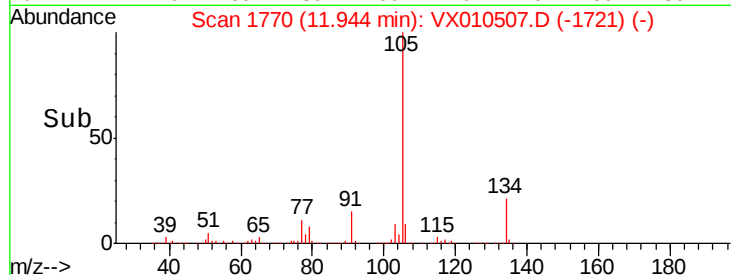
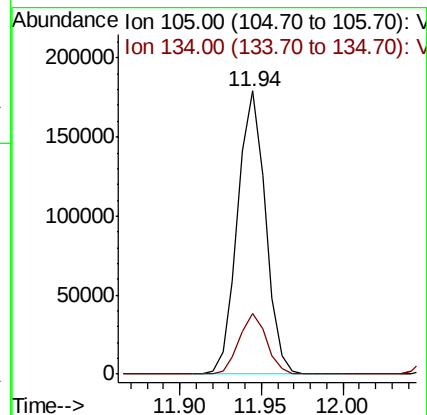
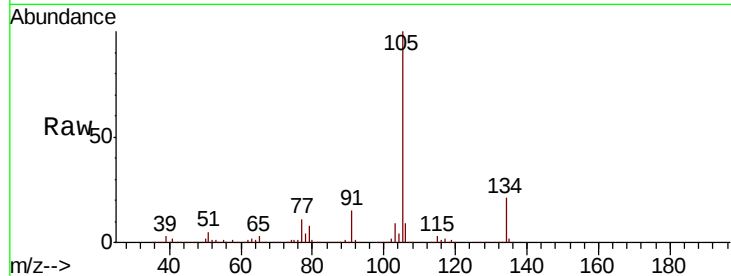
VX0627WBSD02

Tot Ion:105 Resp: 213300

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



#86

p-Isopropyltoluene

Concen: 18.199 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

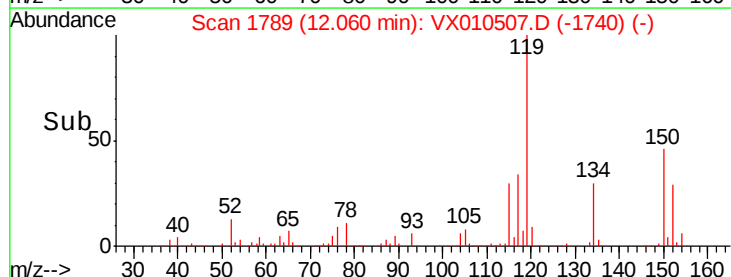
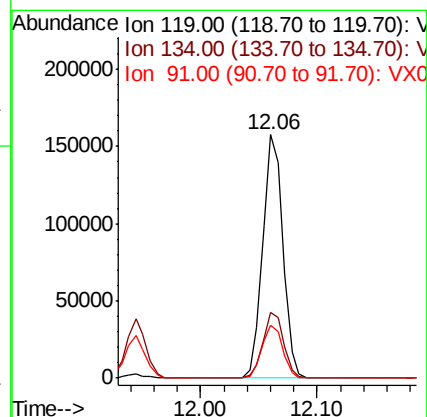
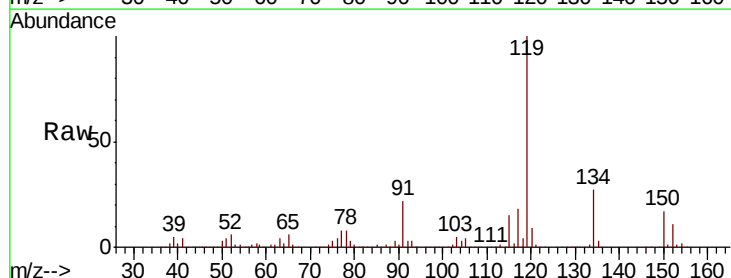
Tgt Ion:119 Resp: 192338

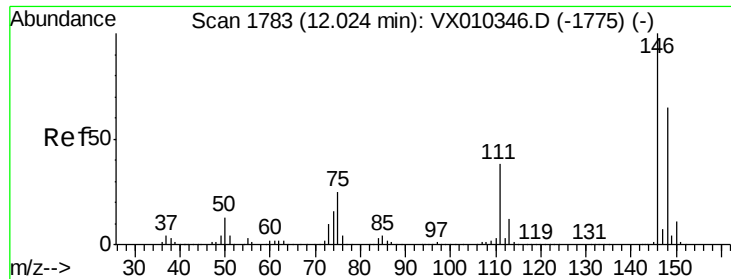
Ion Ratio Lower Upper

119 100

134 27.8 13.7 41.1

91 22.3 11.3 33.8

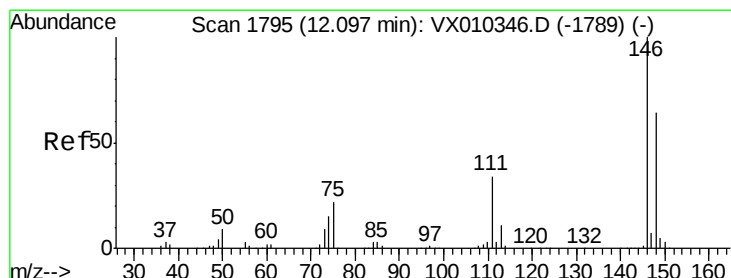
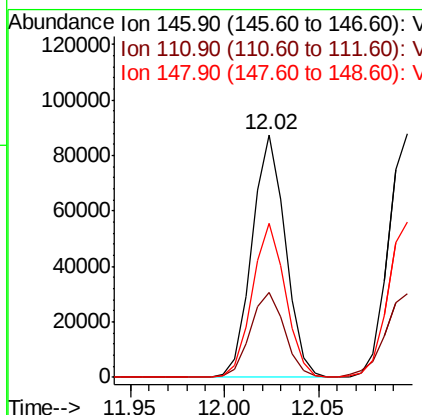
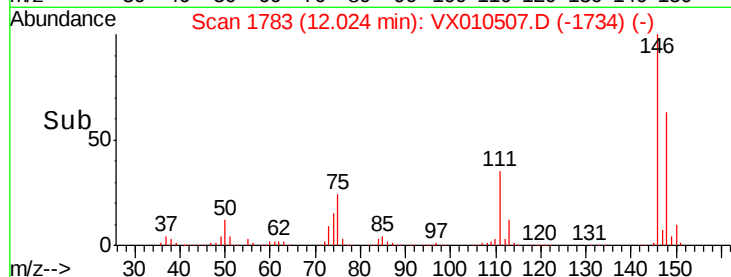
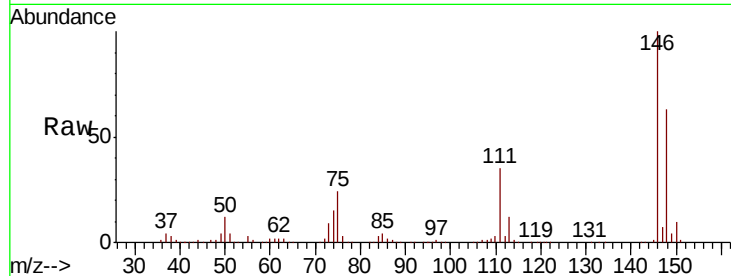




#87
 1,3-Dichlorobenzene
 Concen: 18.710 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

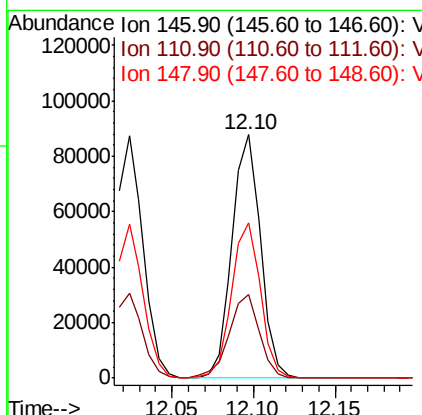
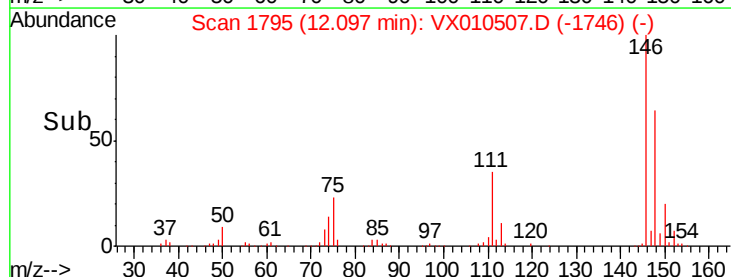
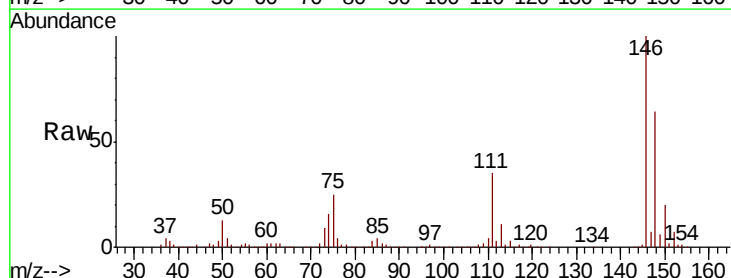
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion:146 Resp: 107251
 Ion Ratio Lower Upper
 146 100
 111 35.9 19.1 57.1
 148 62.9 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 18.243 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion:146 Resp: 106465
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.1 54.3
 148 64.7 32.1 96.3





#89

n-Butylbenzene

Concen: 17.417 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampled :

VX0627WBSD02

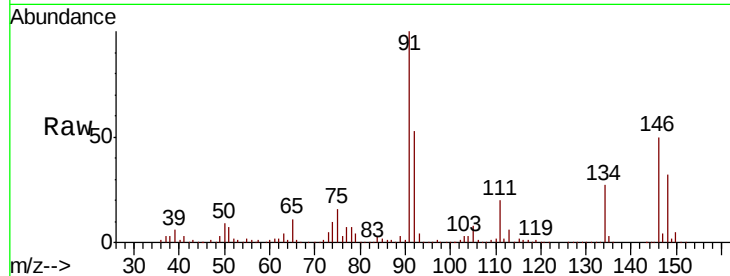
Tot Ion: 91 Resp: 156418

Ion Ratio Lower Upper

91 100

92 53.5 26.2 78.5

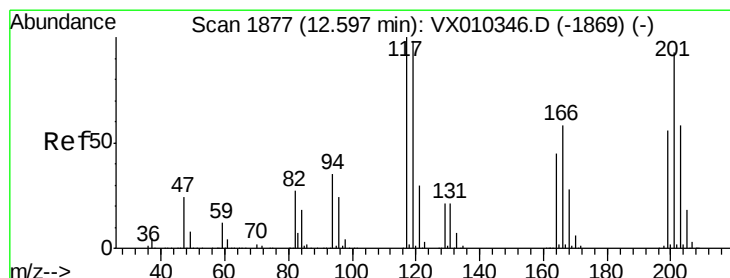
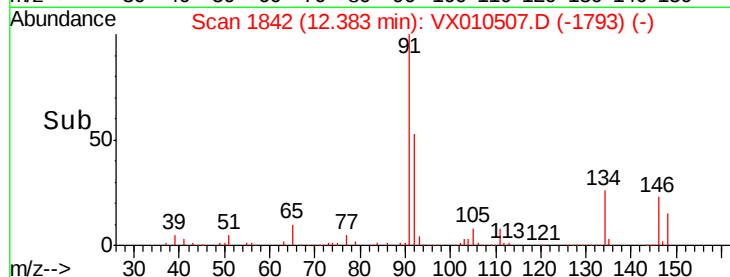
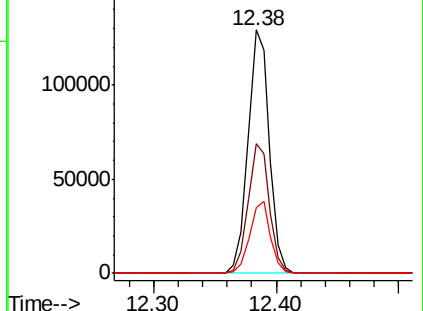
134 29.0 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 16.481 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX010507.D

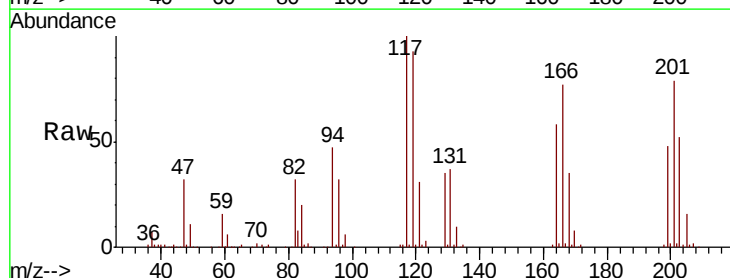
Acq: 28 Jun 2019 00:16

Tgt Ion: 117 Resp: 30117

Ion Ratio Lower Upper

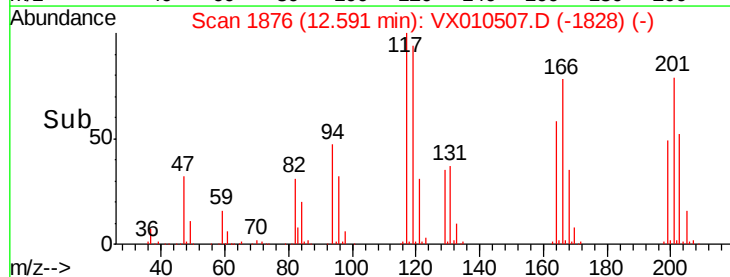
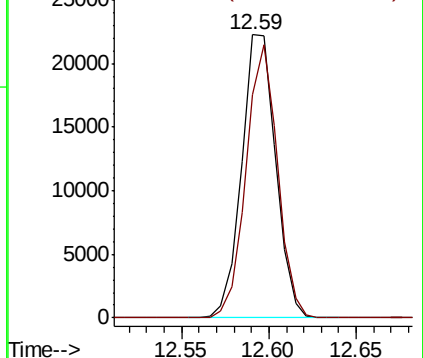
117 100

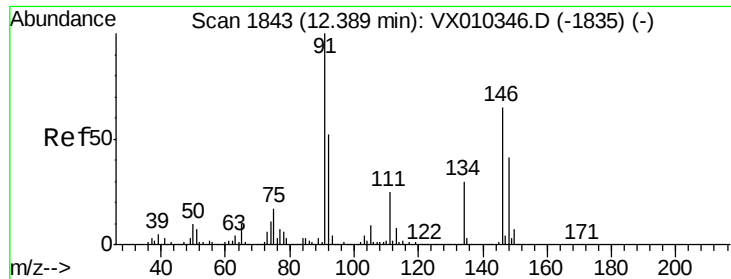
201 89.0 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

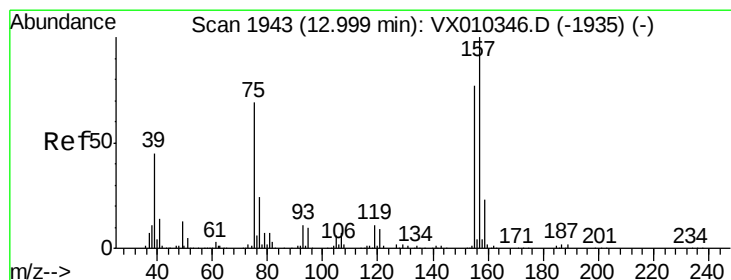
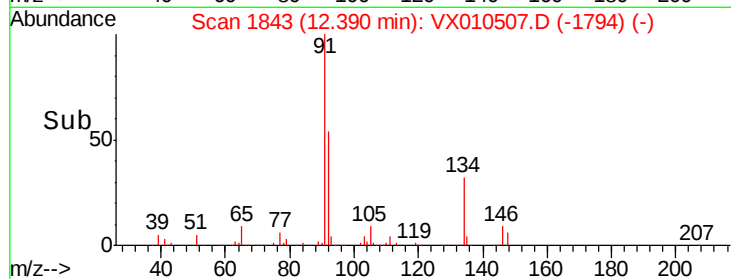
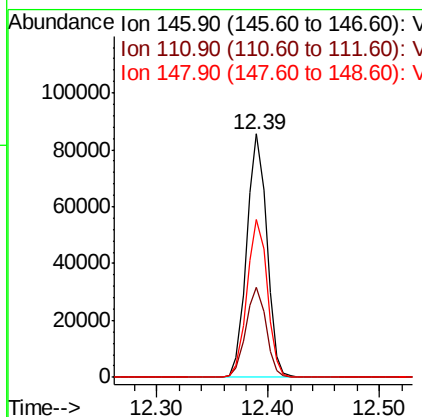
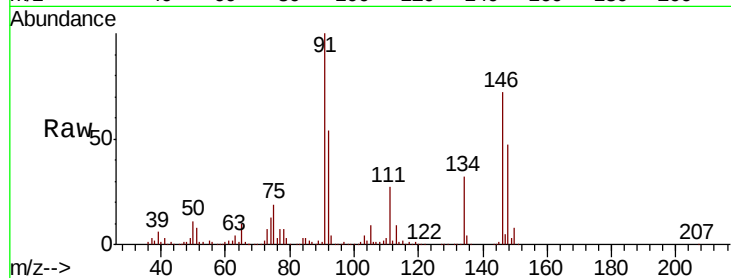




#91
 1,2-Dichlorobenzene
 Concen: 18.869 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

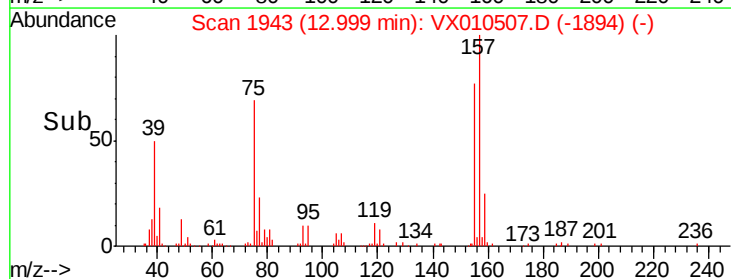
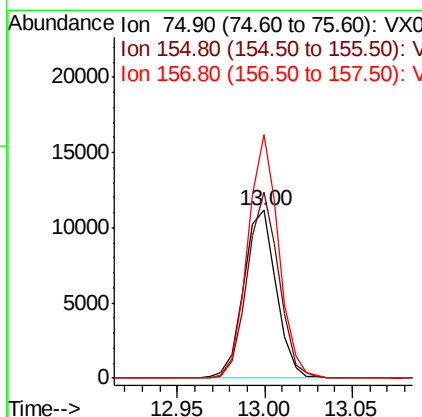
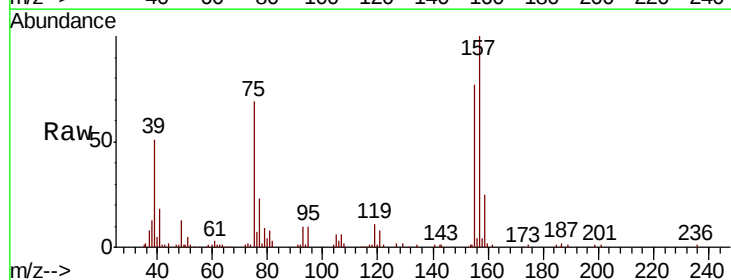
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

Tot Ion:146 Resp: 107505
 Ion Ratio Lower Upper
 146 100
 111 37.3 19.2 57.6
 148 65.2 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.251 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion: 75 Resp: 14487
 Ion Ratio Lower Upper
 75 100
 155 106.5 54.4 163.1
 157 136.3 69.5 208.3

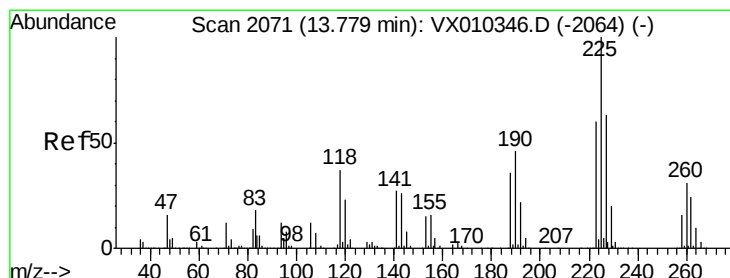
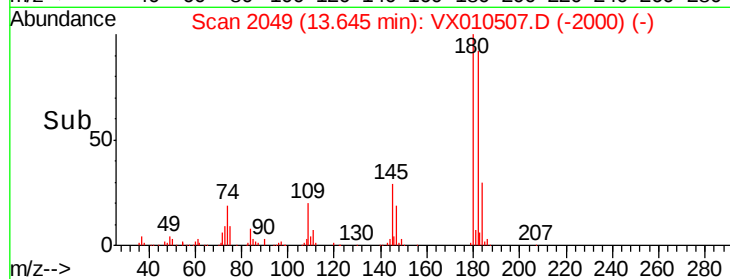
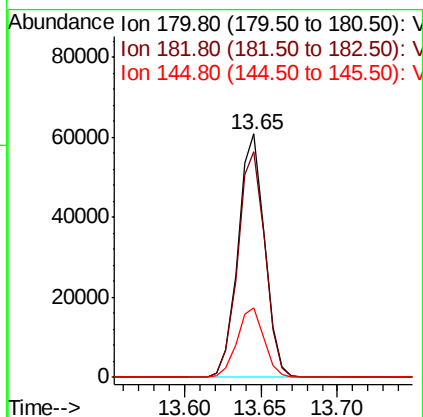
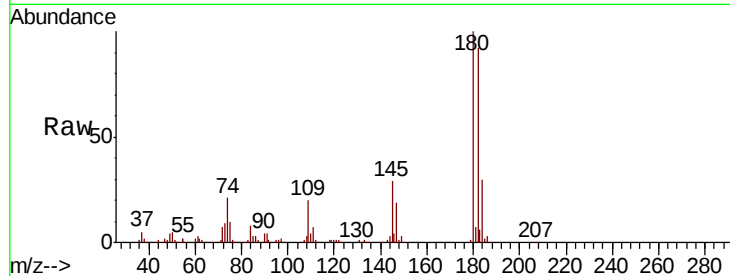




#93
 1,2,4-Trichlorobenzene
 Concen: 18.496 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

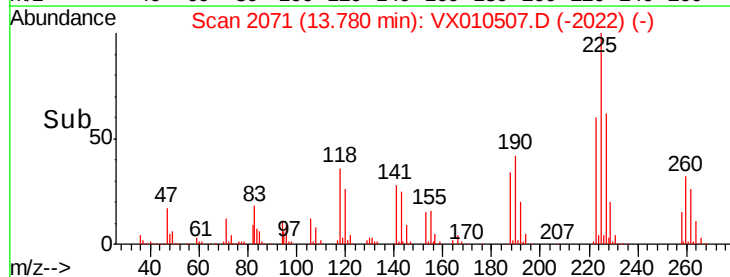
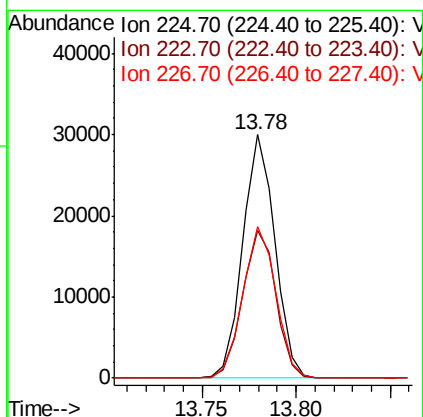
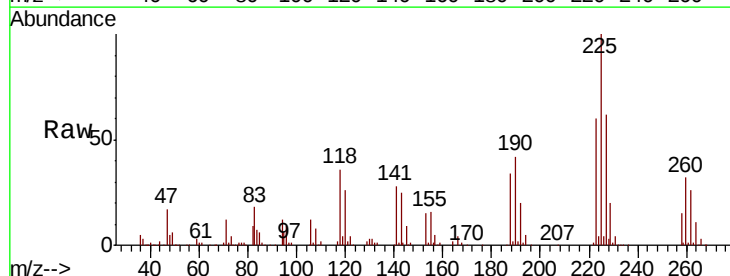
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0627WBSD02

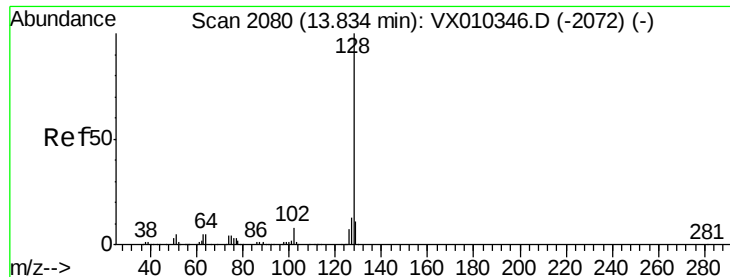
Tot Ion:180 Resp: 73077
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.0 144.0
 145 28.9 14.4 43.4



#94
 Hexachlorobutadiene
 Concen: 18.391 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010507.D
 Acq: 28 Jun 2019 00:16

Tgt Ion:225 Resp: 35513
 Ion Ratio Lower Upper
 225 100
 223 62.7 30.9 92.7
 227 64.0 31.9 95.5





#95

Naphthalene

Concen: 19.060 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

Instrument :

MSVOA_X

ClientSampleId :

VX0627WBSD02

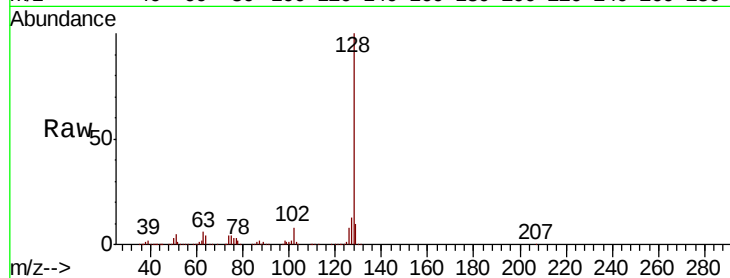
Tot Ion:128 Resp: 231417

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

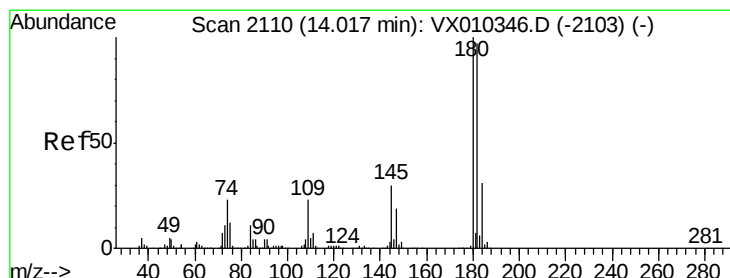
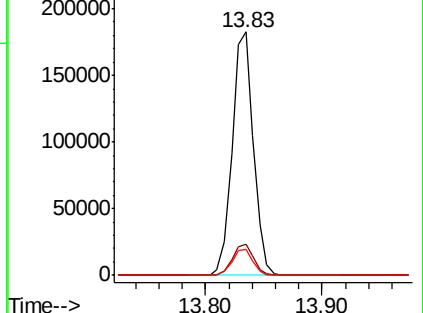
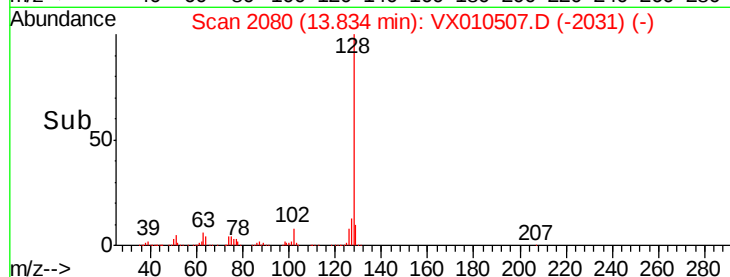
129 10.7 8.9 13.3



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: 18.753 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010507.D

Acq: 28 Jun 2019 00:16

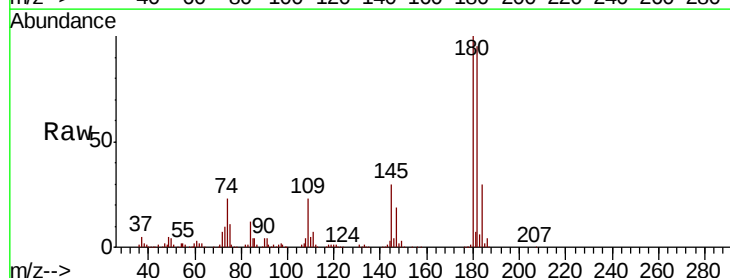
Tgt Ion:180 Resp: 73666

Ion Ratio Lower Upper

180 100

182 96.3 47.8 143.3

145 31.1 15.2 45.6



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

