

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010409.D
 Acq On : 24 Jun 2019 13:41
 Operator : JC/SP
 Sample : VX0624WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

Quant Time: Jun 25 03:37:43 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	281063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	420692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	382810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195405	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	132897	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
35) Dibromofluoromethane	5.50	113	128046	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	490473	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	11.13	95	176786	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37917	19.405	ug/l	100
3) Chloromethane	1.33	50	42299	18.590	ug/l	98
4) Vinyl Chloride	1.41	62	44622	17.905	ug/l	100
5) Bromomethane	1.64	94	24242	19.966	ug/l	99
6) Chloroethane	1.72	64	28696	19.516	ug/l	93
7) Trichlorofluoromethane	1.93	101	78371	19.837	ug/l	99
8) Diethyl Ether	2.19	74	27721	19.566	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45631	19.059	ug/l	99
10) Methyl Iodide	2.51	142	53800	15.746	ug/l	99
11) Tert butyl alcohol	3.04	59	69236	100.406	ug/l	99
12) 1,1-Dichloroethene	2.37	96	46910	19.255	ug/l	99
13) Acrolein	2.29	56	38030	83.137	ug/l	100
14) Allyl chloride	2.73	41	68779	19.886	ug/l	99
15) Acrylonitrile	3.14	53	134603	98.592	ug/l	99
16) Acetone	2.45	43	121045	91.652	ug/l	98
17) Carbon Disulfide	2.57	76	118057	18.063	ug/l	100
18) Methyl Acetate	2.78	43	52065	19.780	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	153875	20.078	ug/l	99
20) Methylene Chloride	2.86	84	54389	20.011	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	51060	19.487	ug/l	98
22) Diisopropyl ether	3.86	45	143538	19.849	ug/l	89
23) Vinyl Acetate	3.82	43	634365	101.546	ug/l	99
24) 1,1-Dichloroethane	3.70	63	82898	19.832	ug/l	99
25) 2-Butanone	4.67	43	187752	96.914	ug/l	99
26) 2,2-Dichloropropane	4.59	77	68819	18.953	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	59734	19.729	ug/l	99
28) Bromochloromethane	5.02	49	35320	17.673	ug/l	99
29) Tetrahydrofuran	5.13	42	118275	98.564	ug/l	99
30) Chloroform	5.21	83	89656	19.935	ug/l	99
31) Cyclohexane	5.58	56	74109	19.469	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	79417	19.998	ug/l	100
36) 1,1-Dichloropropene	5.81	75	64643	19.337	ug/l	98
37) Ethyl Acetate	4.84	43	70444	20.483	ug/l	100
38) Carbon Tetrachloride	5.79	117	70956	19.601	ug/l	94

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Instrument :
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 ClientSampleId :
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Quant Time: Jun 25 03:37:43 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	83743	19.057	ug/l	97
40) Benzene	6.14	78	204967	19.680	ug/l	99
41) Methacrylonitrile	5.05	41	37954	20.113	ug/l	98
42) 1,2-Dichloroethane	6.20	62	66059	20.836	ug/l	99
43) Isopropyl Acetate	6.45	43	115016	20.213	ug/l	99
44) Trichloroethene	7.21	130	60673	19.468	ug/l	99
45) 1,2-Dichloropropane	7.51	63	51587	19.614	ug/l	97
46) Dibromomethane	7.66	93	36935	19.573	ug/l	100
47) Bromodichloromethane	7.90	83	67678	19.570	ug/l	99
48) Methyl methacrylate	7.77	41	52947	20.019	ug/l	99
49) 1,4-Dioxane	7.74	88	30888	405.403	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	364336	100.115	ug/l	99
52) Toluene	8.79	92	135918	19.817	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	74129	19.119	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	82320	19.538	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	56508	19.977	ug/l	97
56) Ethyl methacrylate	9.18	69	84399	19.696	ug/l	99
57) 1,3-Dichloropropane	9.37	76	86994	19.812	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	201024	98.778	ug/l	99
59) 2-Hexanone	9.49	43	287531	100.390	ug/l	98
60) Dibromochloromethane	9.58	129	60714	19.170	ug/l	99
61) 1,2-Dibromoethane	9.67	107	59799	19.585	ug/l	100
64) Tetrachloroethene	9.34	164	60885	19.664	ug/l	98
65) Chlorobenzene	10.13	112	152658	19.643	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56436	19.936	ug/l	98
67) Ethyl Benzene	10.25	91	258999	19.740	ug/l	99
68) m/p-Xylenes	10.36	106	202946	39.920	ug/l	99
69) o-Xylene	10.69	106	97643	19.531	ug/l	99
70) Styrene	10.71	104	166960	19.913	ug/l	100
71) Bromoform	10.85	173	47946	19.476	ug/l #	99
73) Isopropylbenzene	11.02	105	261058	19.708	ug/l	99
74) N-amyl acetate	10.90	43	99822	19.941	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	86691	19.762	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	95512	26.823	ug/l	81
77) Bromobenzene	11.26	156	71941	19.450	ug/l	99
78) n-propylbenzene	11.36	91	289823	19.908	ug/l	100
79) 2-Chlorotoluene	11.42	91	171047	19.731	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	218092	19.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27084	17.744	ug/l	96
82) 4-Chlorotoluene	11.51	91	195926	19.862	ug/l	100
83) tert-Butylbenzene	11.77	119	216184	19.725	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	228427	20.821	ug/l	99
85) sec-Butylbenzene	11.94	105	251291	19.528	ug/l	100
86) p-Isopropyltoluene	12.06	119	232009	19.492	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	125218	19.395	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	125019	19.021	ug/l	99
89) n-Butylbenzene	12.38	91	194582	19.238	ug/l	99
90) Hexachloroethane	12.60	117	40259	19.560	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	127169	19.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19374	20.484	ug/l	90

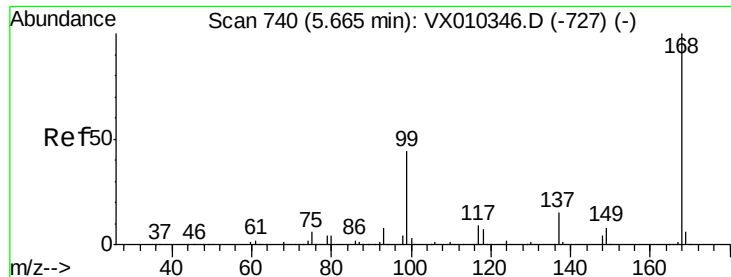
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
Data File : VX010409.D
Acq On : 24 Jun 2019 13:41
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Instrument :
MSVOA_X
ClientSampleId :
VX0624WBSD01

Quant Time: Jun 25 03:37:43 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	84744	19.044	ug/l	98
94) Hexachlorobutadiene	13.78	225	40863	18.789	ug/l	99
95) Naphthalene	13.83	128	278478	20.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	88641	20.035	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: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

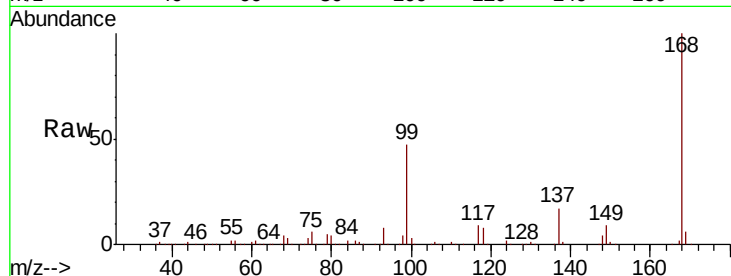
VX0624WBSD01

Tot Ion:168 Resp: 281063

Ion Ratio Lower Upper

168 100

99 46.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

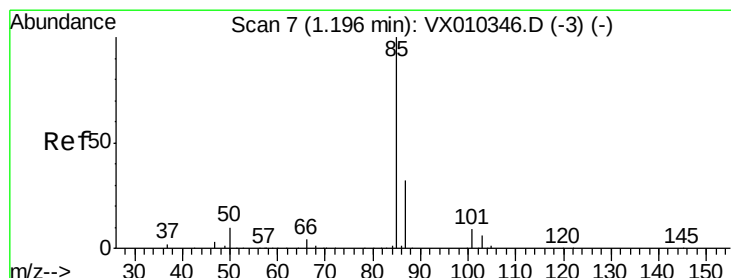
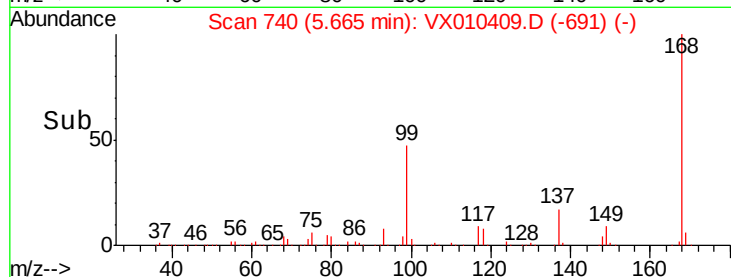
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.405 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010409.D

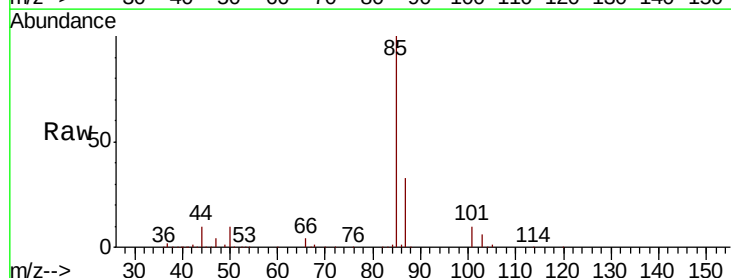
Acq: 24 Jun 2019 13:41

Tgt Ion: 85 Resp: 37917

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

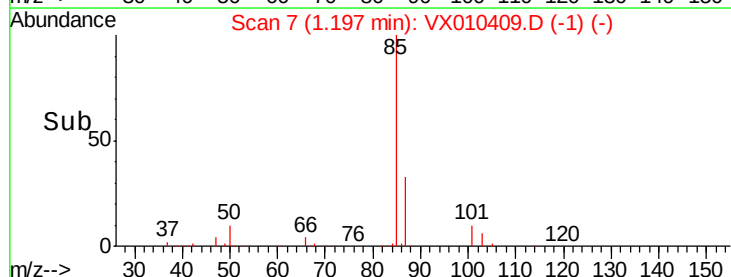
20000

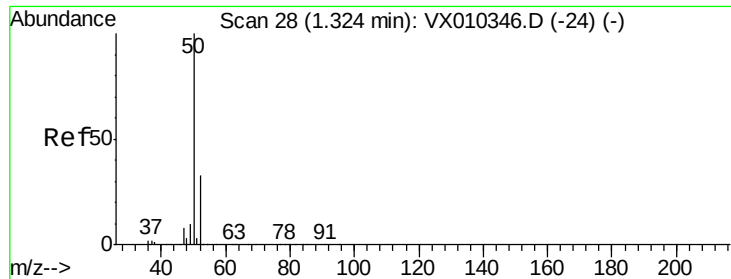
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.590 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

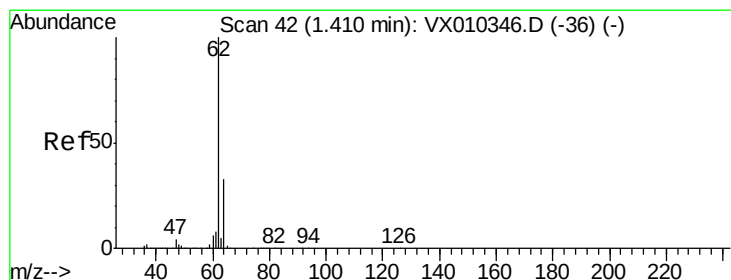
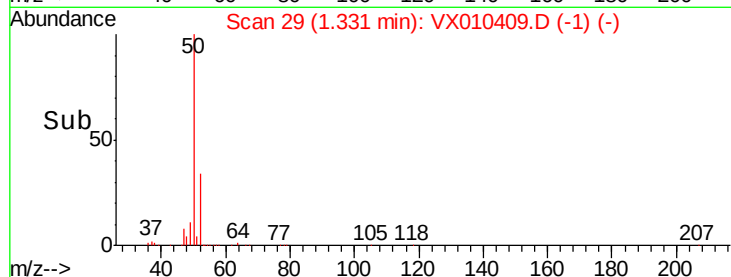
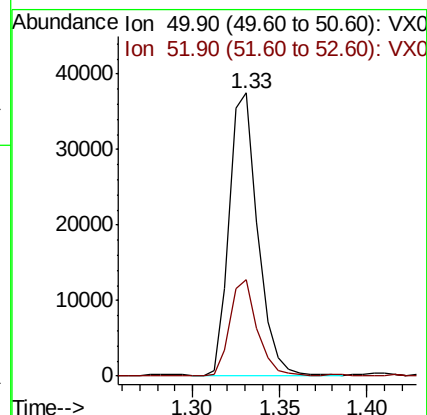
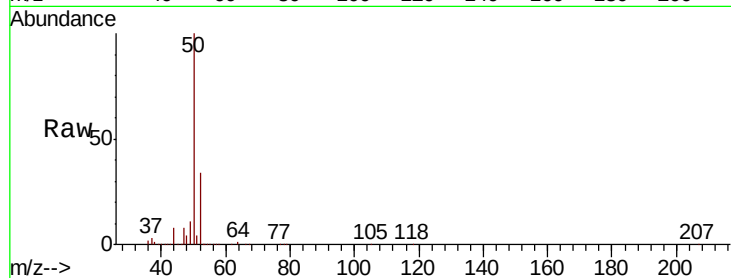
VX0624WBSD01

Tot Ion: 50 Resp: 42299

Ion Ratio Lower Upper

50 100

52 34.2 26.5 39.7



#4

Vinyl Chloride

Concen: 17.905 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010409.D

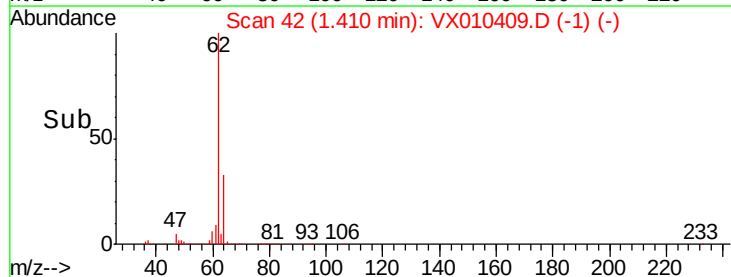
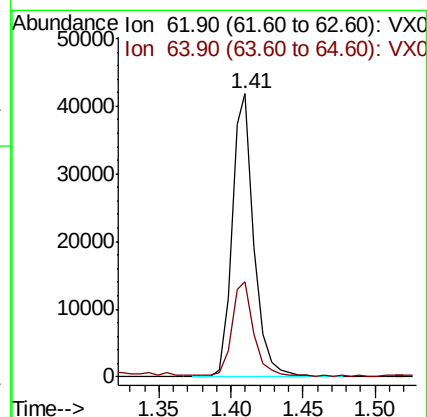
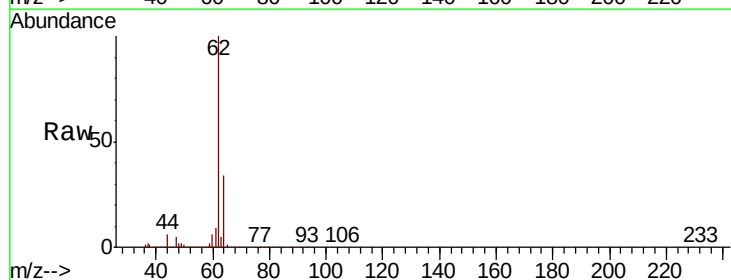
Acq: 24 Jun 2019 13:41

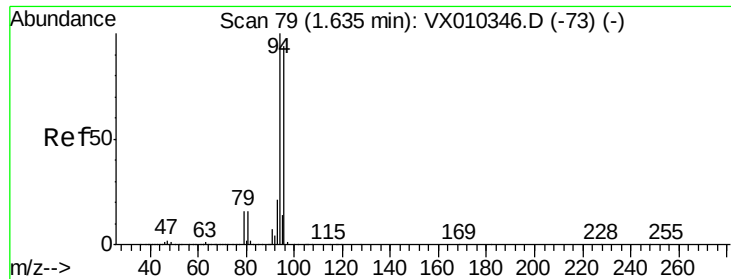
Tgt Ion: 62 Resp: 44622

Ion Ratio Lower Upper

62 100

64 33.0 26.2 39.4





#5

Bromomethane

Concen: 19.966 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

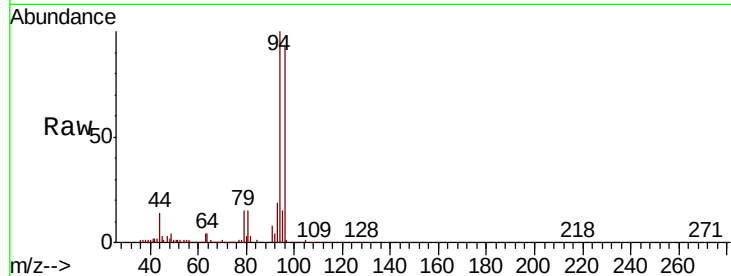
VX0624WBSD01

Tot Ion: 94 Resp: 24242

Ion Ratio Lower Upper

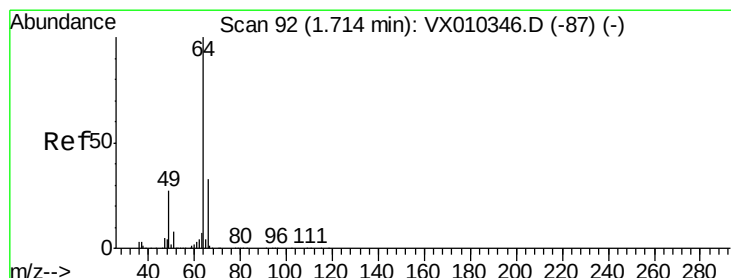
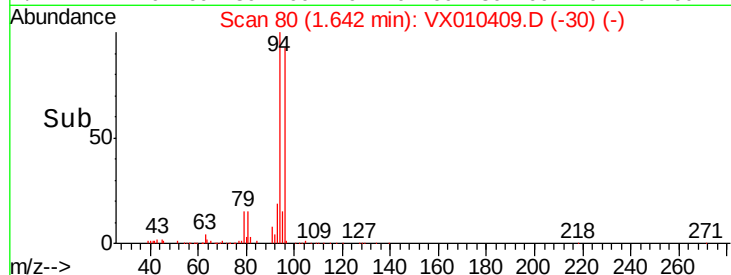
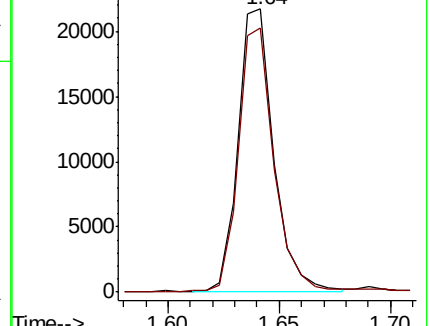
94 100

96 93.1 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.516 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010409.D

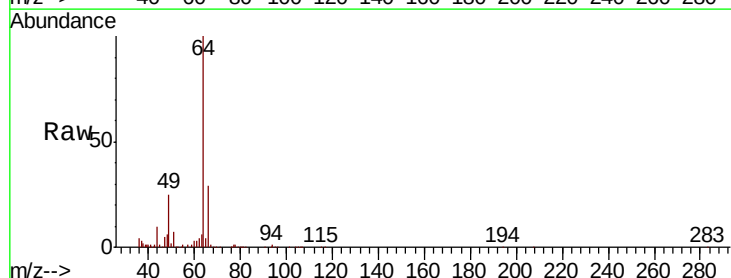
Acq: 24 Jun 2019 13:41

Tgt Ion: 64 Resp: 28696

Ion Ratio Lower Upper

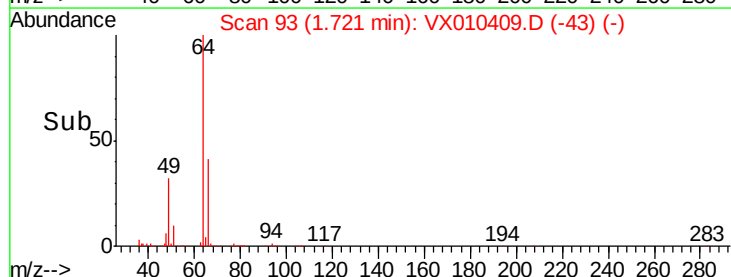
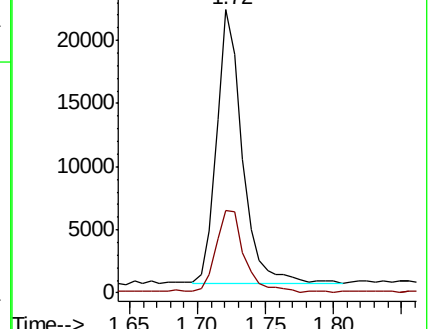
64 100

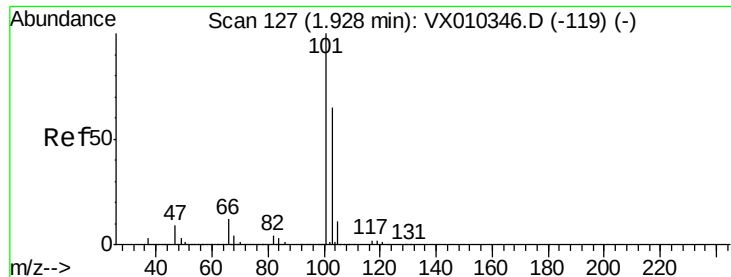
66 29.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



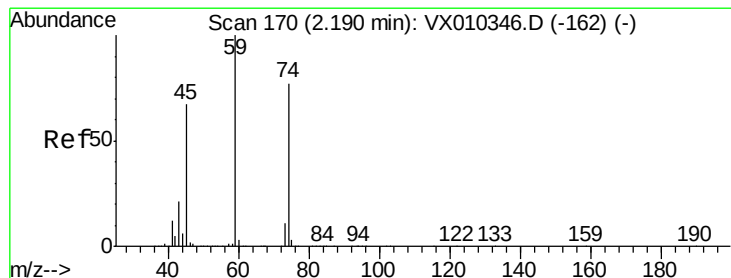
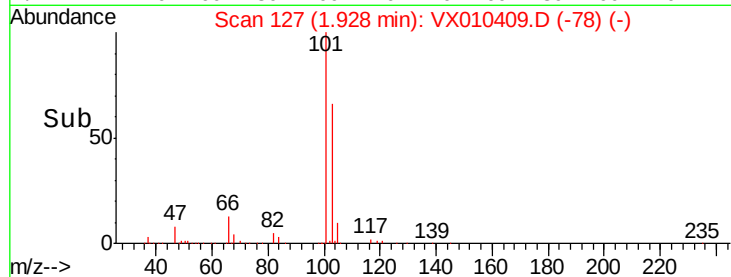
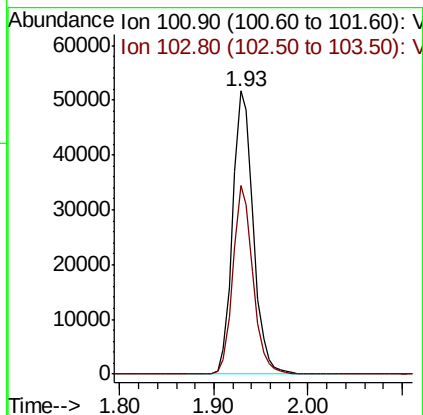
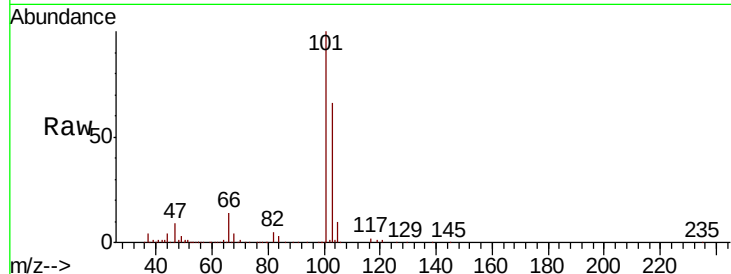


#7

Trichlorofluoromethane
 Concen: 19.837 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

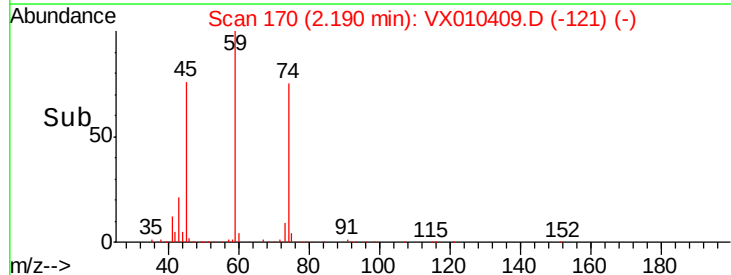
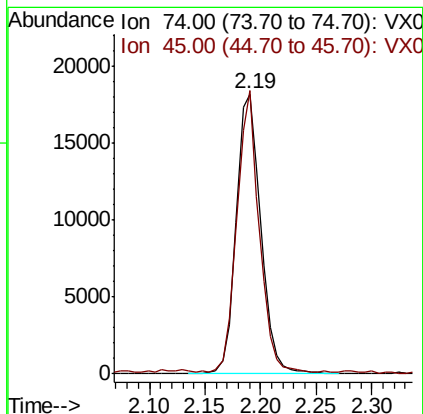
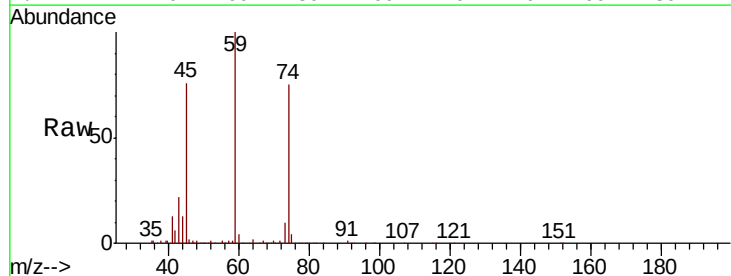
Tot Ion:101 Resp: 78371
 Ion Ratio Lower Upper
 101 100
 103 66.5 52.3 78.5

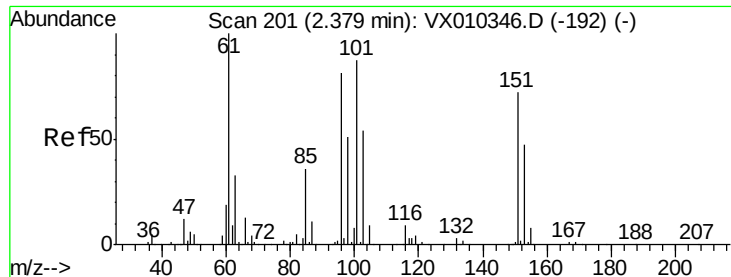


#8

Diethyl Ether
 Concen: 19.566 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Tgt Ion: 74 Resp: 27721
 Ion Ratio Lower Upper
 74 100
 45 90.2 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.059 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

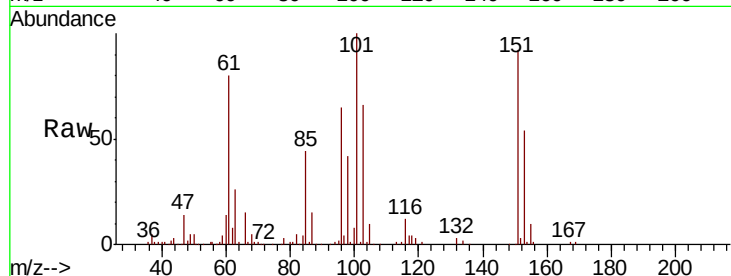
Tot Ion:101 Resp: 45631

Ion Ratio Lower Upper

101 100

85 43.0 33.7 50.5

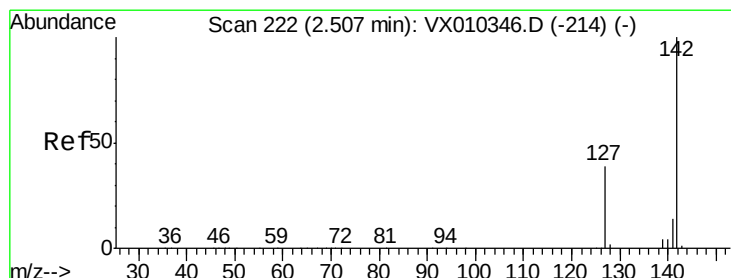
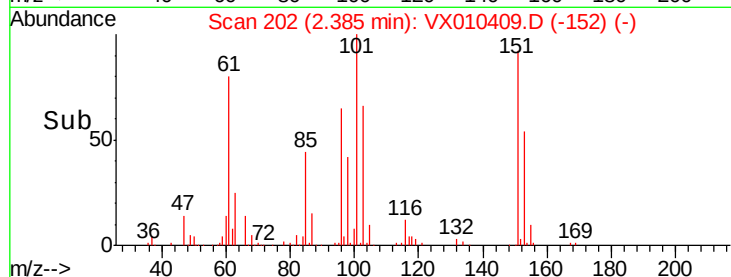
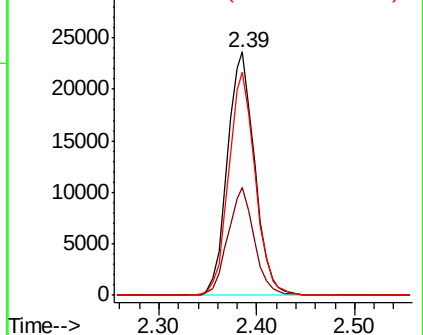
151 89.0 70.1 105.1



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: 15.746 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

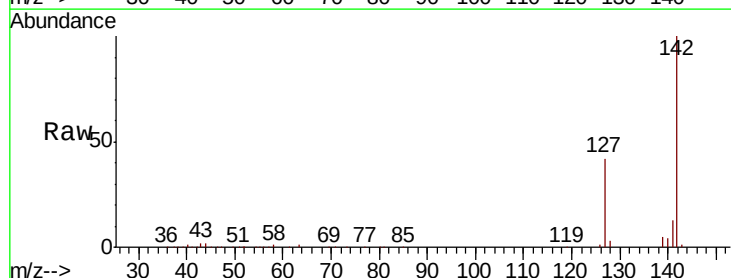
Tgt Ion:142 Resp: 53800

Ion Ratio Lower Upper

142 100

127 39.9 31.1 46.7

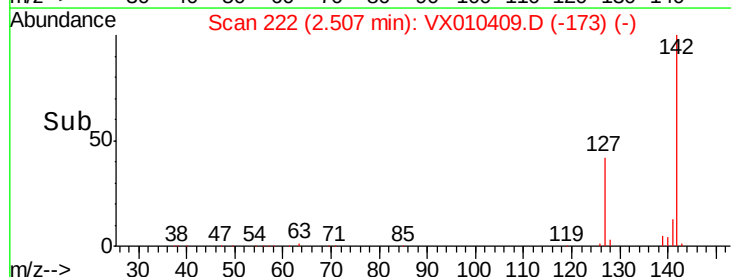
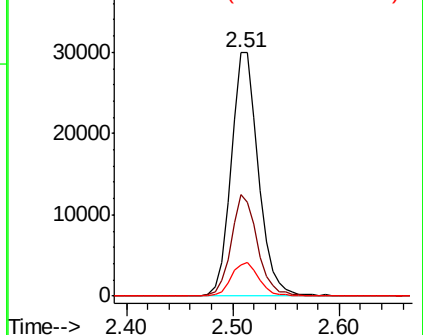
141 14.2 11.2 16.8

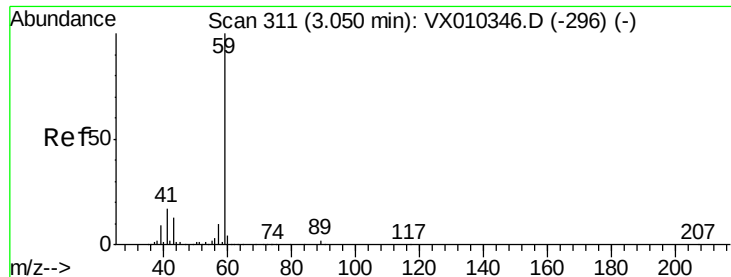


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



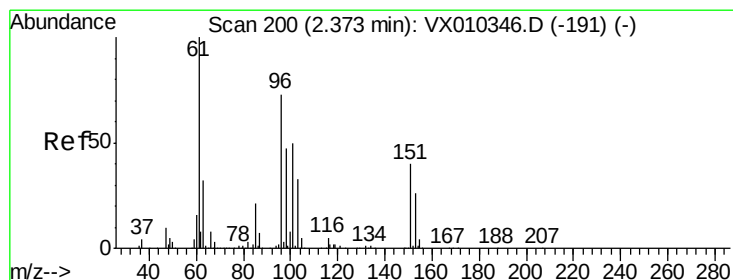
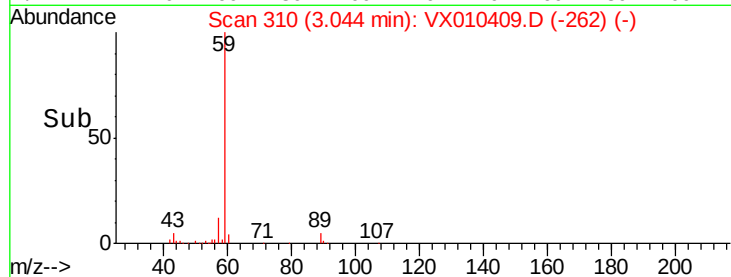
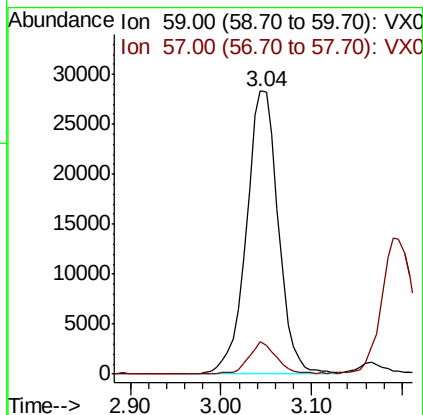
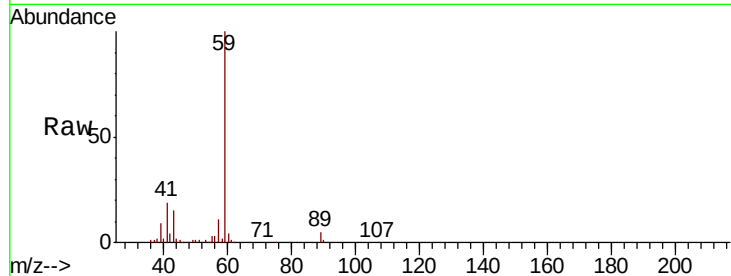


#11

Tert butyl alcohol
 Concen: 100.406 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

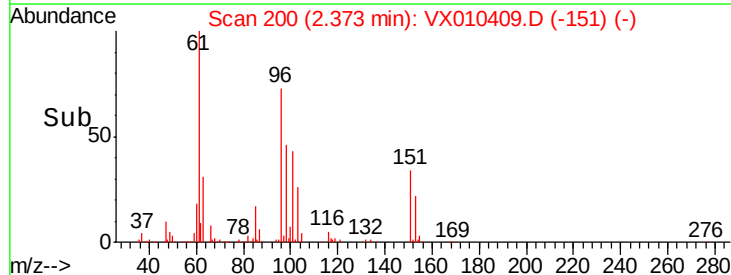
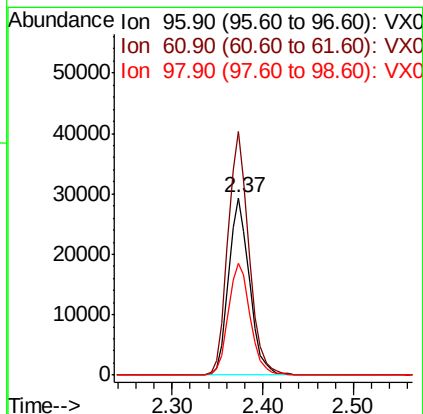
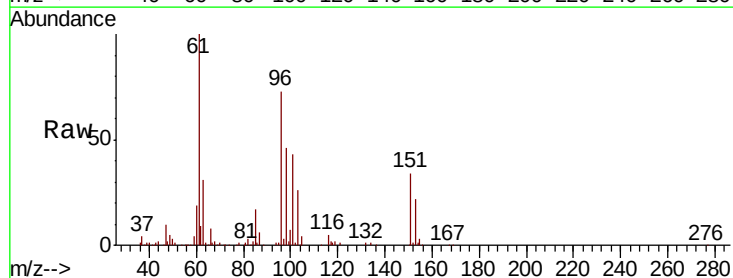
Tot Ion: 59 Resp: 69236
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.7 11.5

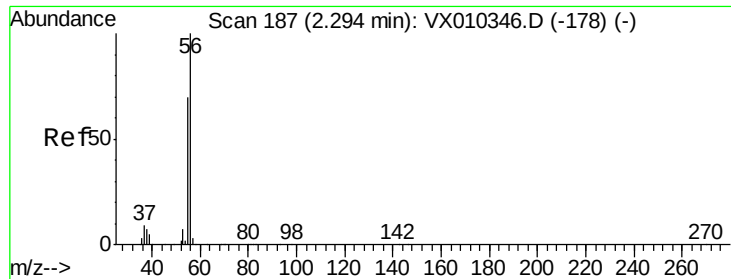


#12

1,1-Dichloroethene
 Concen: 19.255 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Tgt Ion: 96 Resp: 46910
 Ion Ratio Lower Upper
 96 100
 61 136.9 109.2 163.8
 98 62.7 51.1 76.7





#13

Acrolein

Concen: 83.137 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

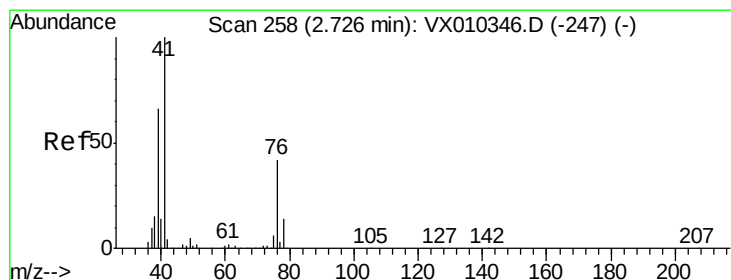
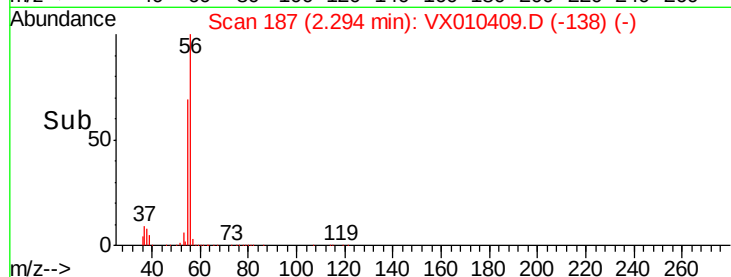
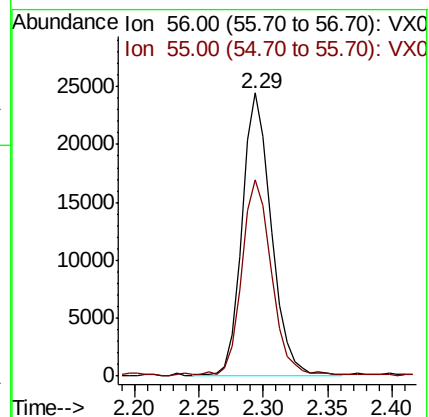
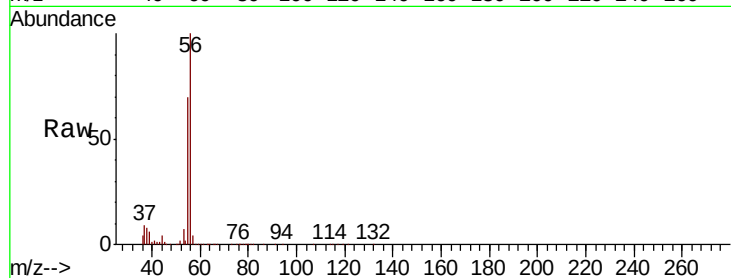
VX0624WBSD01

Tot Ion: 56 Resp: 38030

Ion Ratio Lower Upper

56 100

55 71.2 56.9 85.3



#14

Allyl chloride

Concen: 19.886 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

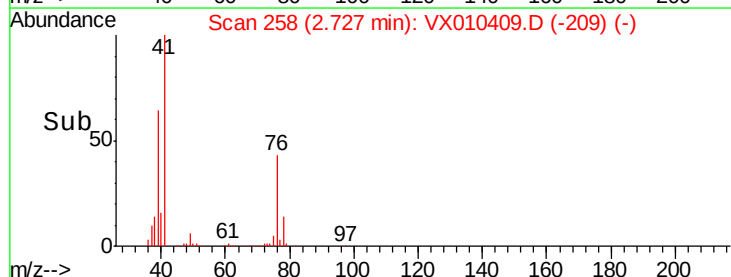
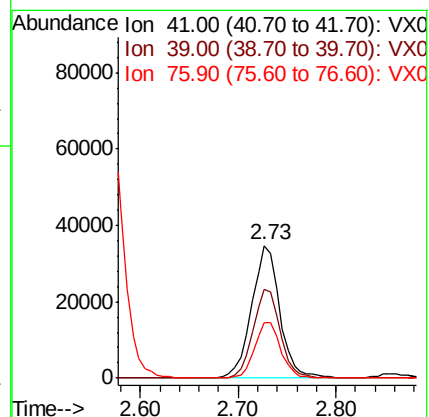
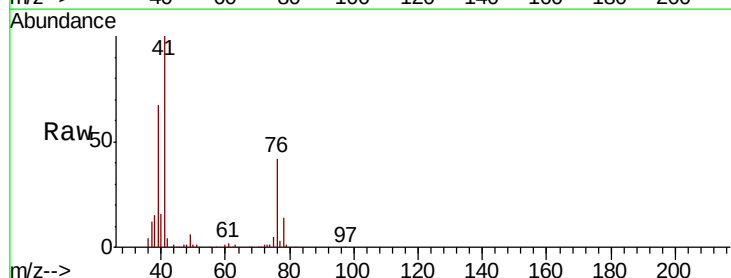
Tgt Ion: 41 Resp: 68779

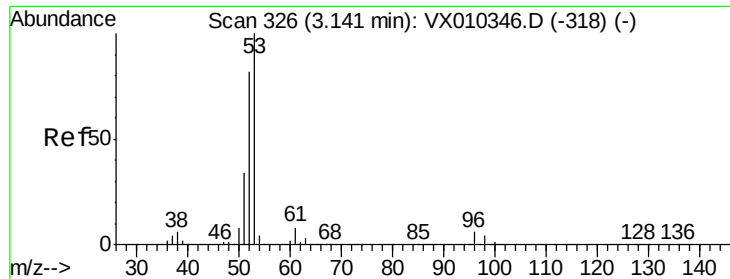
Ion Ratio Lower Upper

41 100

39 63.9 50.3 75.5

76 38.9 31.3 46.9





#15

Acrylonitrile

Concen: 98.592 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

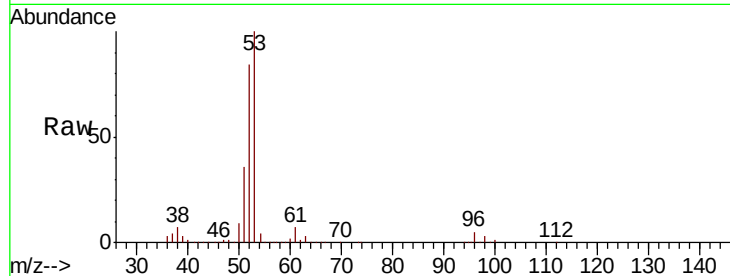
Tot Ion: 53 Resp: 134603

Ion Ratio Lower Upper

53 100

52 83.2 65.5 98.3

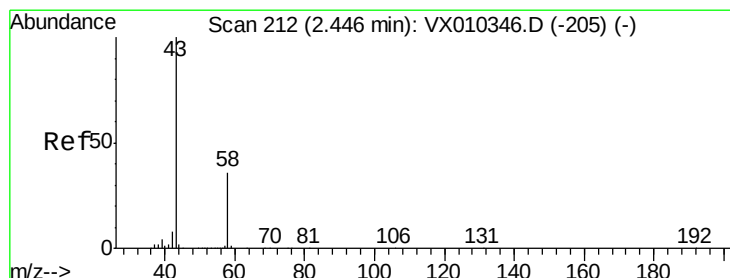
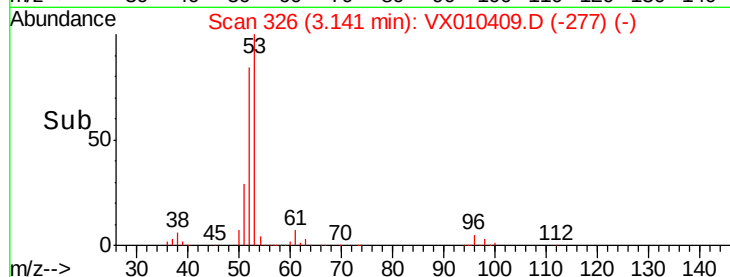
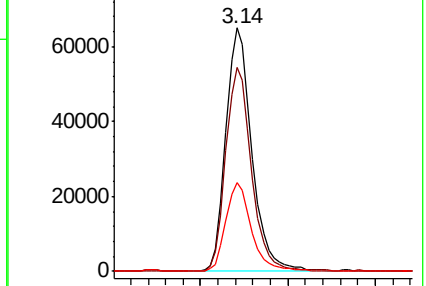
51 35.9 28.2 42.4



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: 91.652 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010409.D

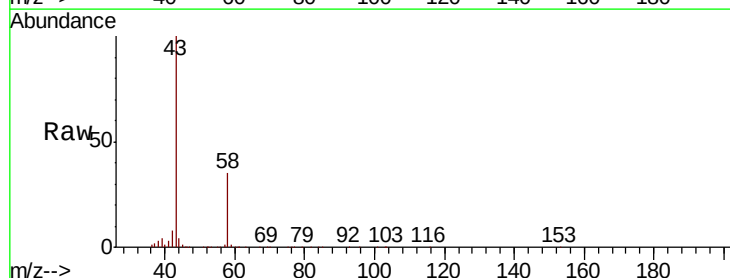
Acq: 24 Jun 2019 13:41

Tgt Ion: 43 Resp: 121045

Ion Ratio Lower Upper

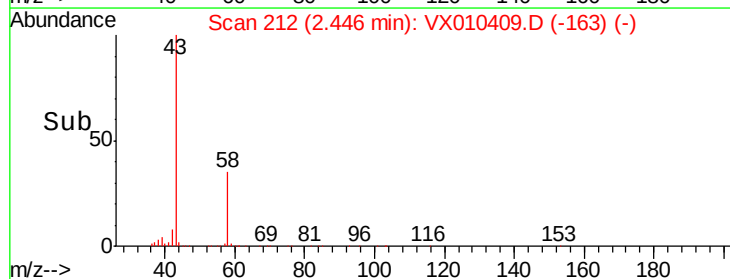
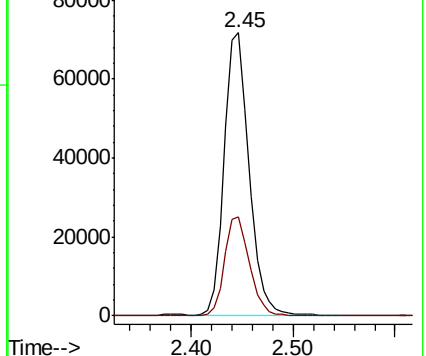
43 100

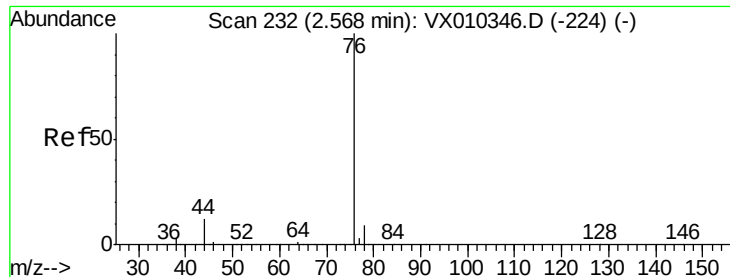
58 35.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.063 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

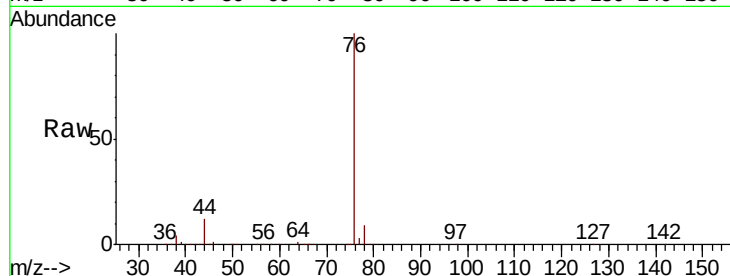
VX0624WBSD01

Tot Ion: 76 Resp: 118057

Ion Ratio Lower Upper

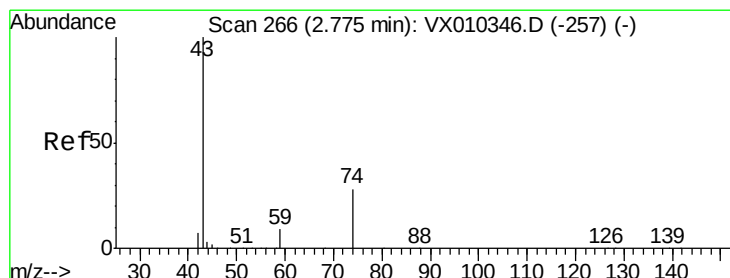
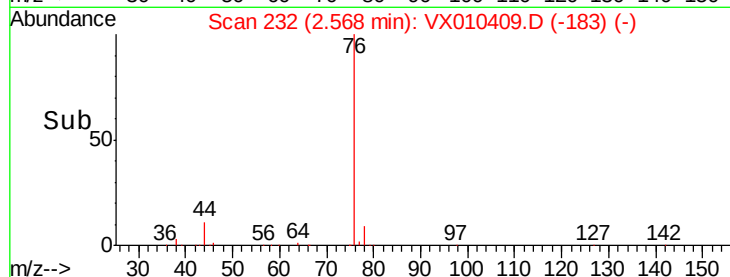
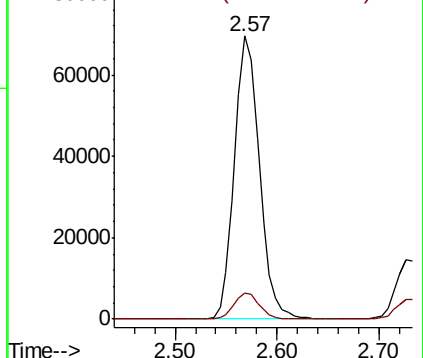
76 100

78 9.2 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: 19.780 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010409.D

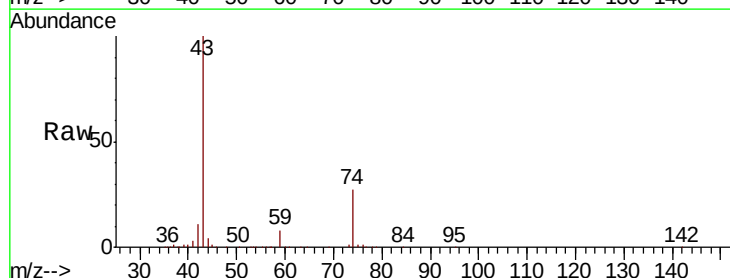
Acq: 24 Jun 2019 13:41

Tgt Ion: 43 Resp: 52065

Ion Ratio Lower Upper

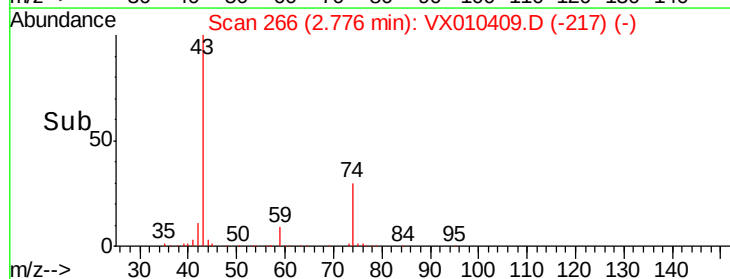
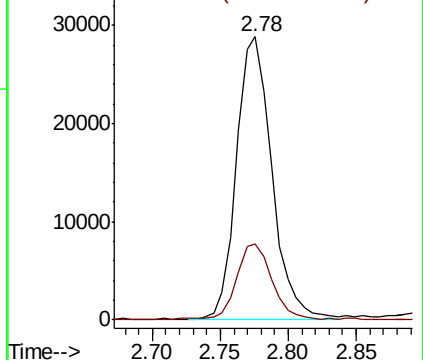
43 100

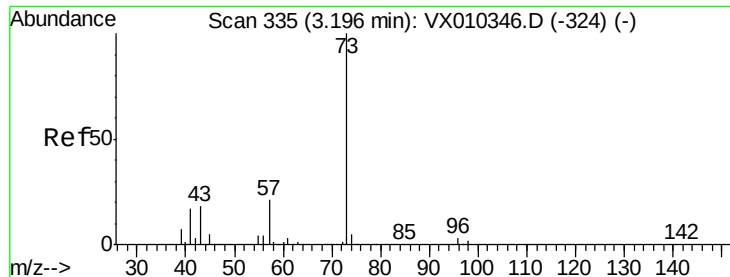
74 27.6 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

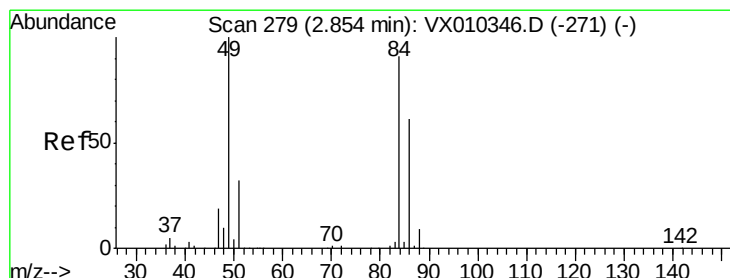
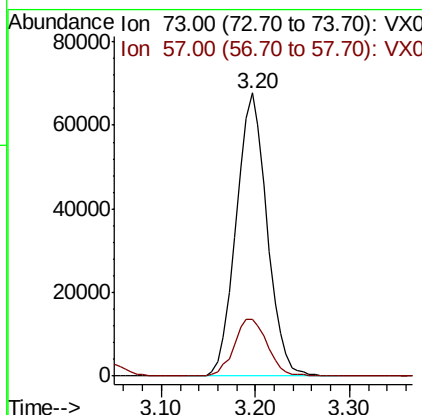
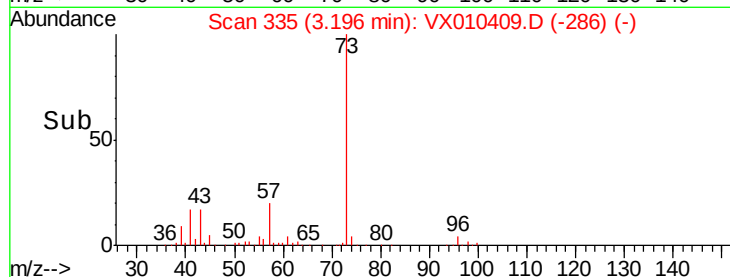
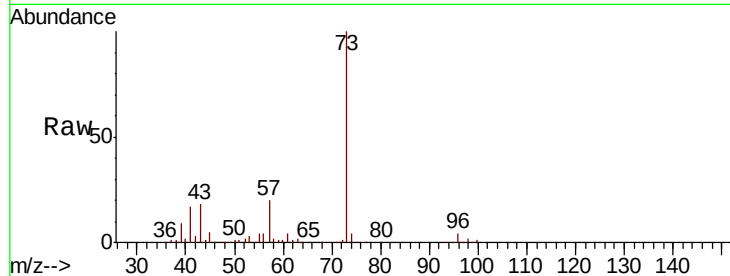




#19
Methvl tert-butvl Ether
Concen: 20.078 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

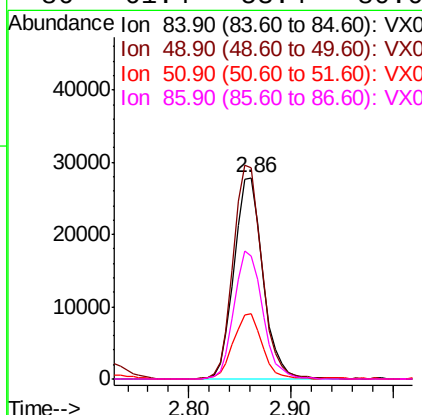
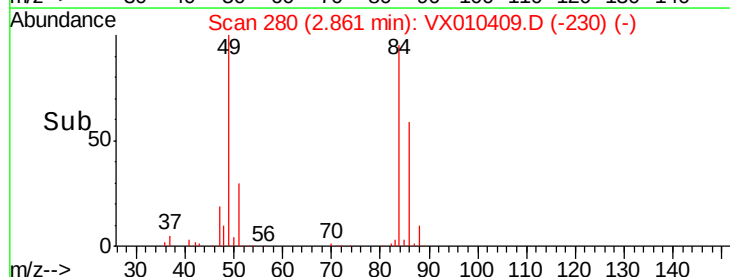
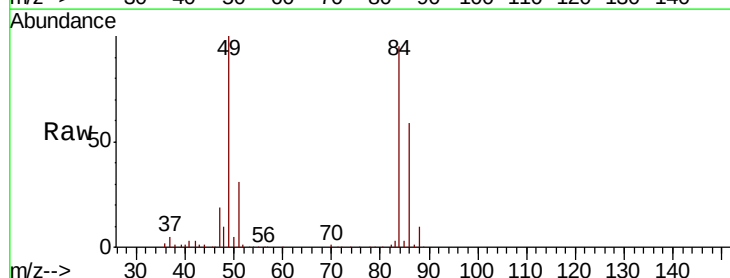
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBSD01

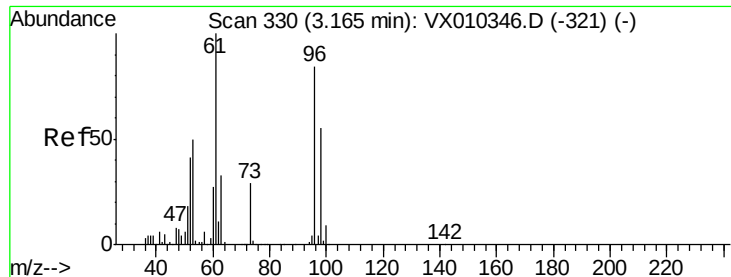
Tot Ion: 73 Resp: 153875
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6



#20
Methylene Chloride
Concen: 20.011 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Tgt Ion: 84 Resp: 54389
Ion Ratio Lower Upper
84 100
49 104.9 87.5 131.3
51 32.2 27.7 41.5
86 61.4 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 19.487 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

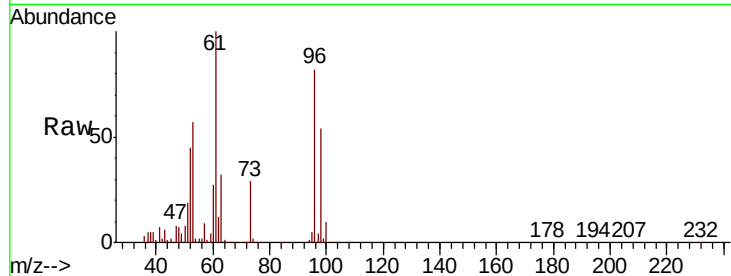
Tot Ion: 96 Resp: 51060

Ion Ratio Lower Upper

96 100

61 122.0 95.6 143.4

98 66.5 52.5 78.7

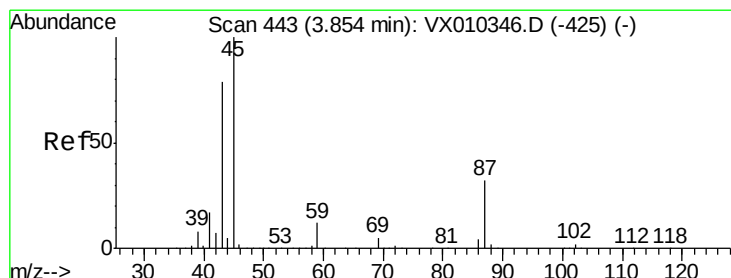
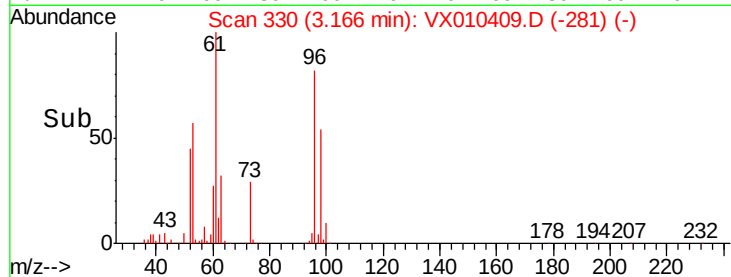
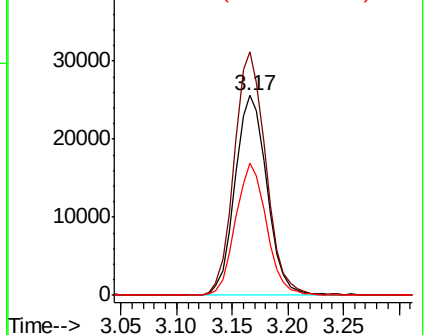


Abundance

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: 19.849 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Tgt Ion: 45 Resp: 143538

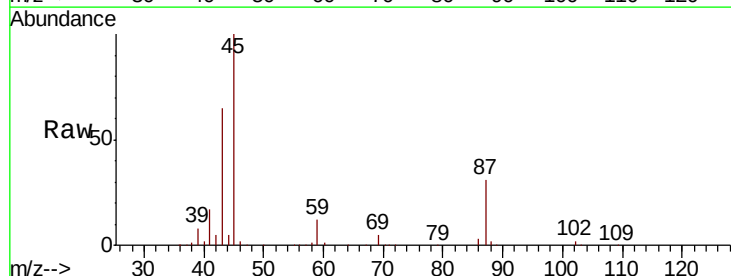
Ion Ratio Lower Upper

45 100

43 64.4 63.3 94.9

87 31.2 25.8 38.8

59 12.0 9.6 14.4



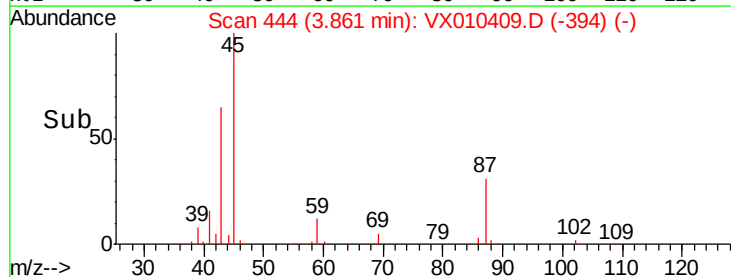
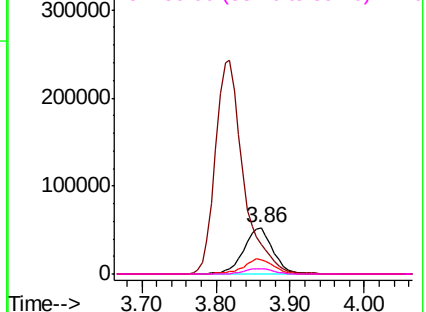
Abundance

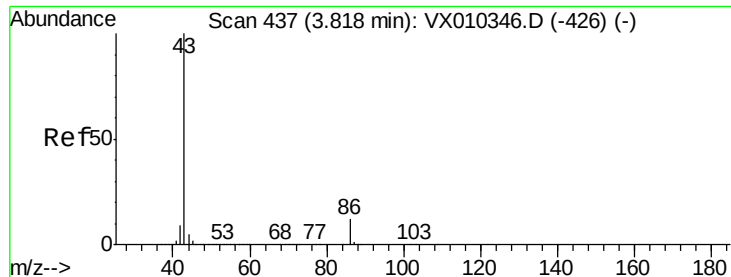
Ion 45.00 (44.70 to 45.70): VX0

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: 101.546 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

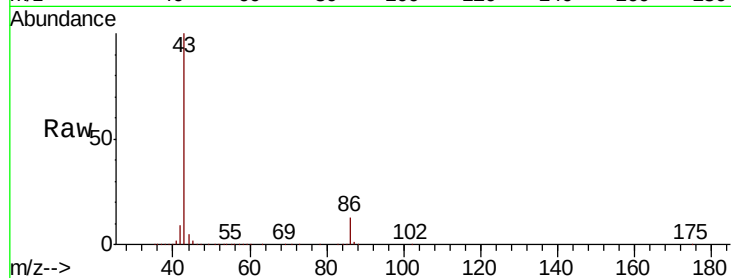
VX0624WBSD01

Tot Ion: 43 Resp: 634365

Ion Ratio Lower Upper

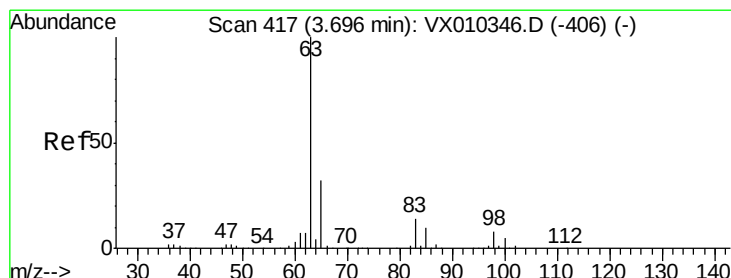
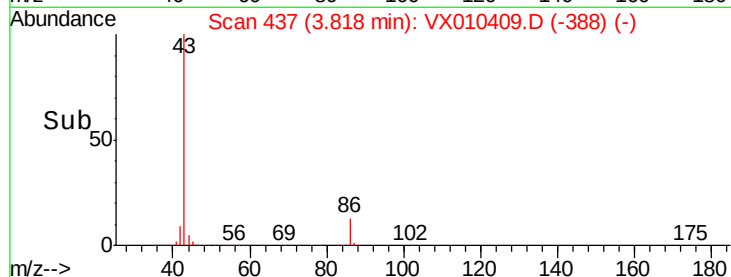
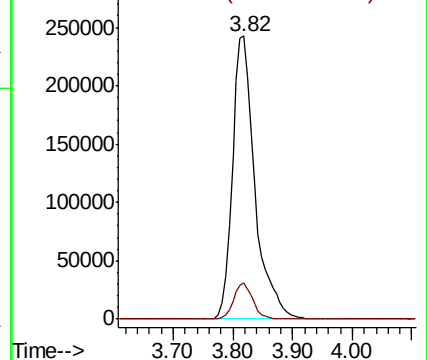
43 100

86 12.9 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: 19.832 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

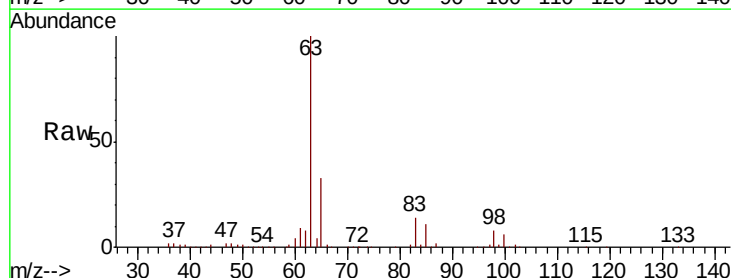
Tgt Ion: 63 Resp: 82898

Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.7

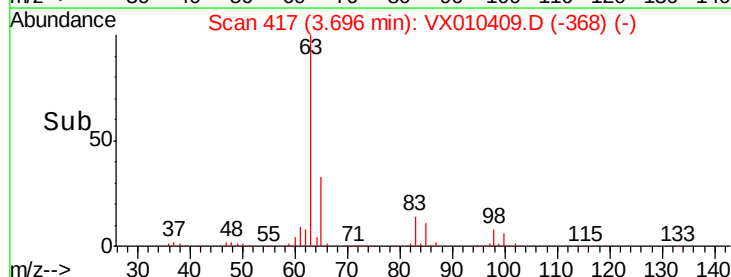
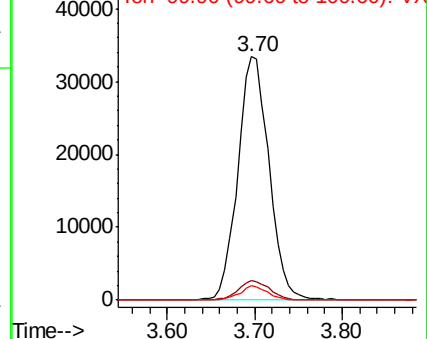
100 5.7 2.4 7.1

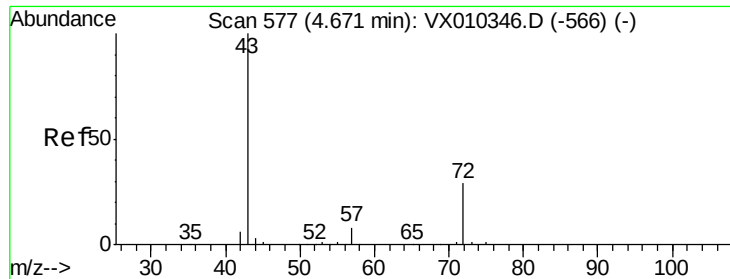


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.914 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

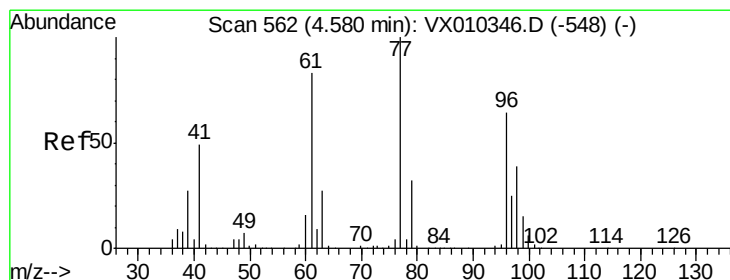
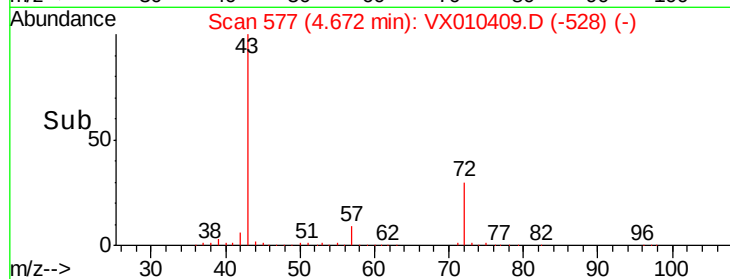
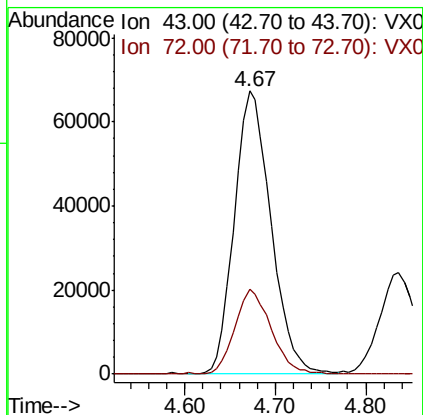
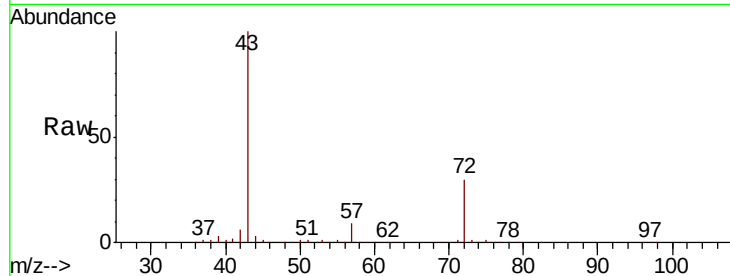
VX0624WBSD01

Tot Ion: 43 Resp: 187752

Ion Ratio Lower Upper

43 100

72 29.8 23.3 34.9



#26

2,2-Dichloropropane

Concen: 18.953 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010409.D

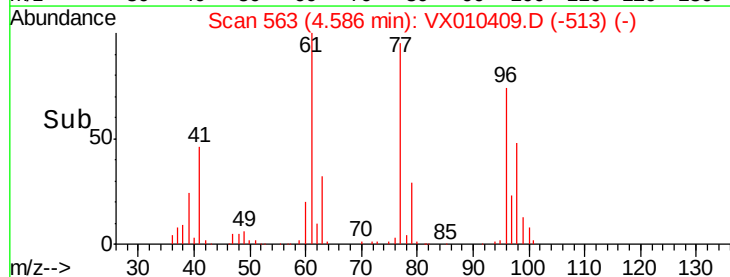
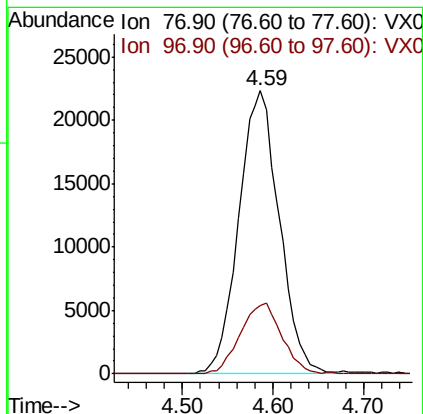
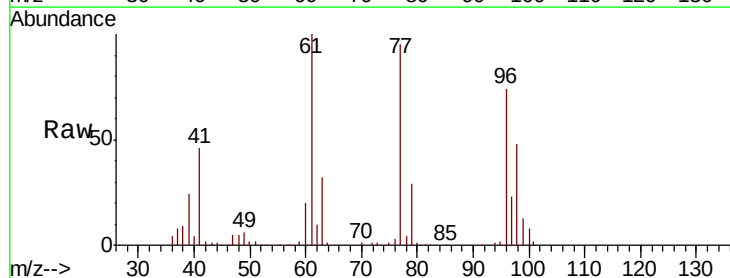
Acq: 24 Jun 2019 13:41

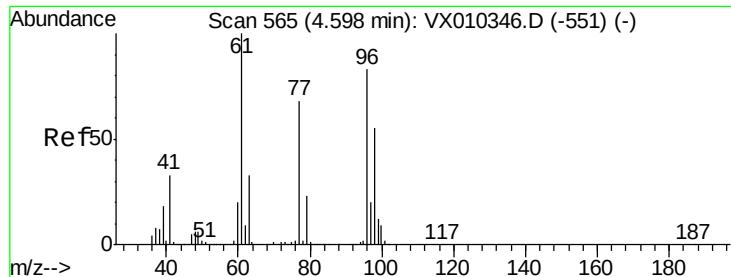
Tgt Ion: 77 Resp: 68819

Ion Ratio Lower Upper

77 100

97 25.6 13.1 39.3



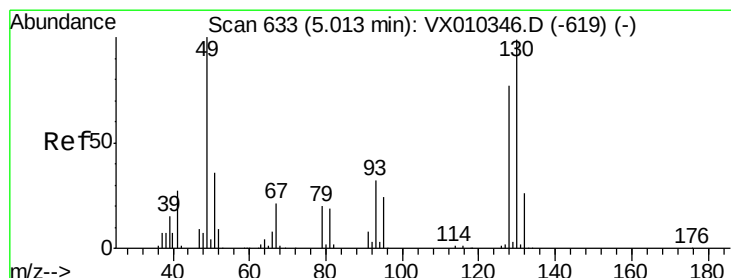
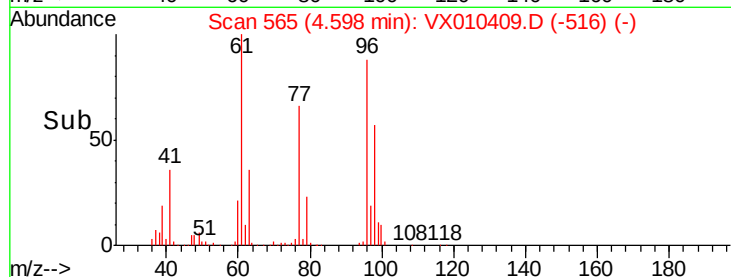
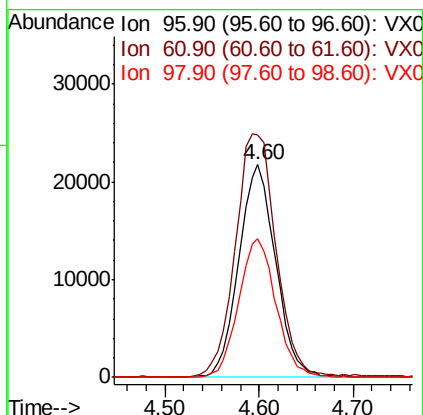
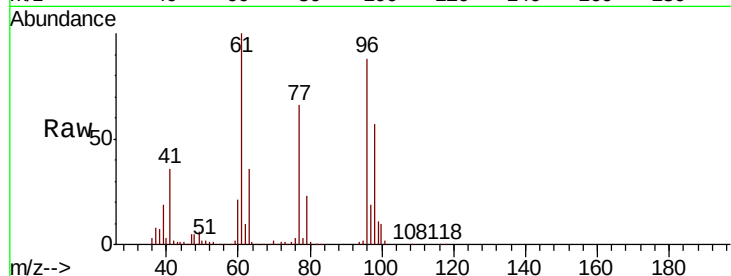


#27

cis-1,2-Dichloroethene
 Concen: 19.729 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

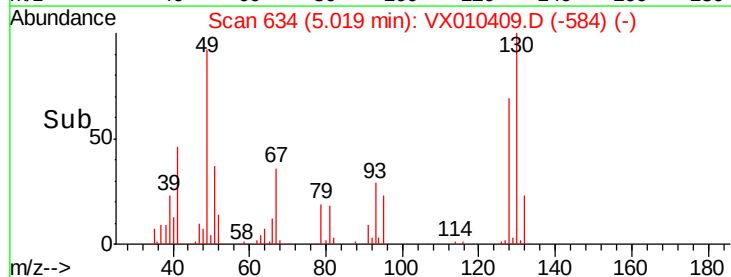
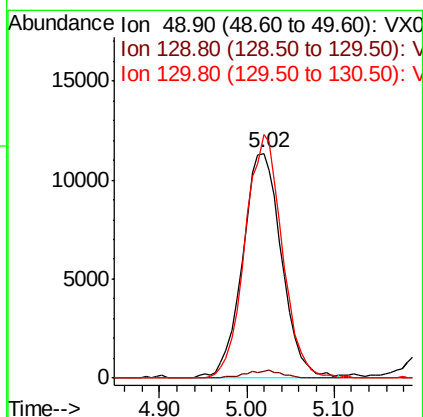
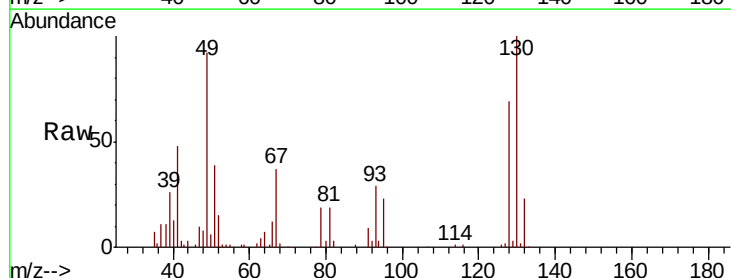
Tot Ion	Ratio	Lower	Upper
96	100		
61	126.4	0.0	251.8
98	65.8	0.0	129.4

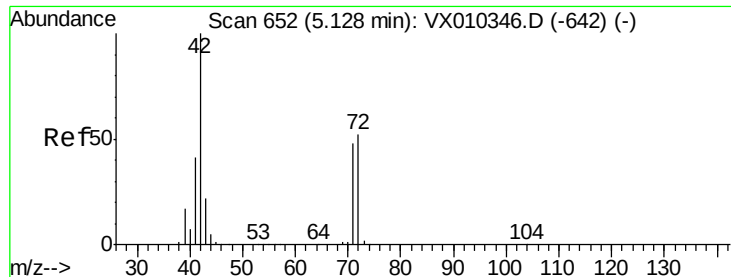


#28

Bromochloromethane
 Concen: 17.673 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.6
130	102.6	81.4	122.0





#29

Tetrahydrofuran

Concen: 98.564 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampled :

VX0624WBSD01

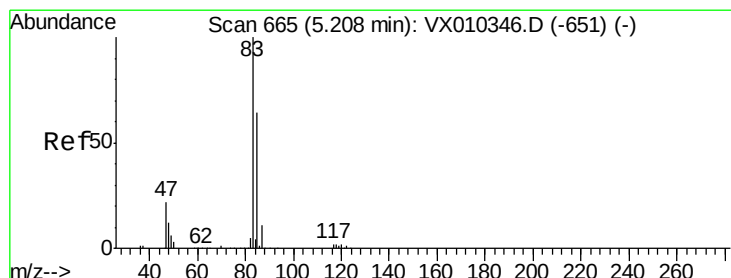
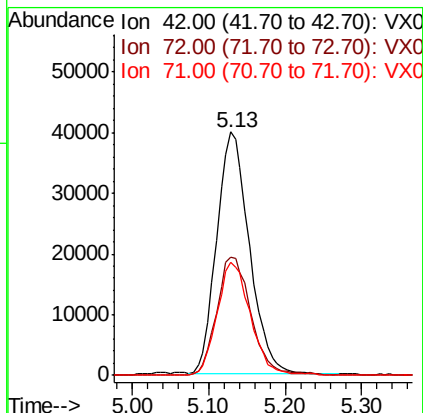
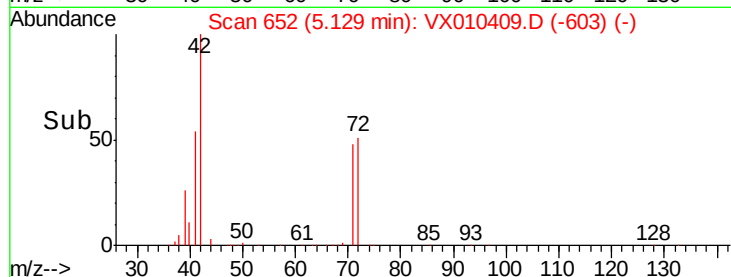
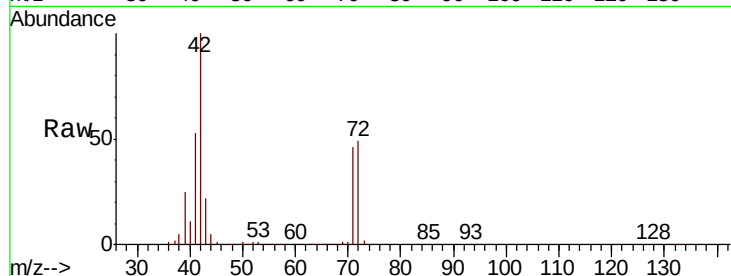
Tot Ion: 42 Resp: 118275

Ion Ratio Lower Upper

42 100

72 51.4 40.6 60.8

71 47.4 37.8 56.8



#30

Chloroform

Concen: 19.935 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010409.D

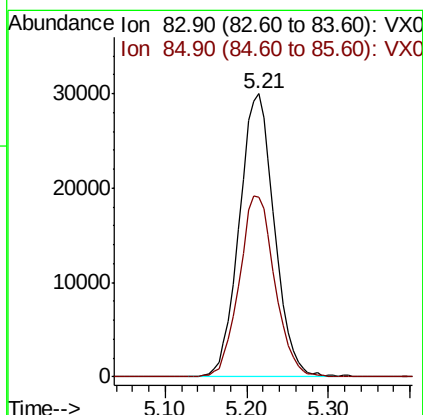
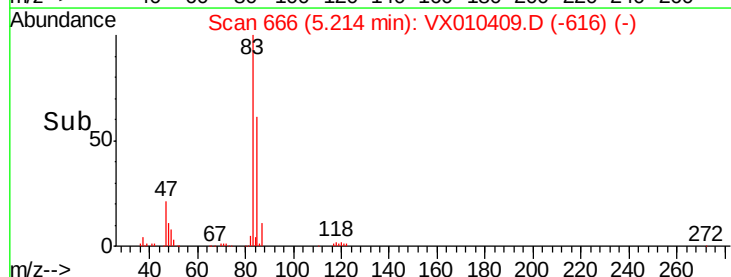
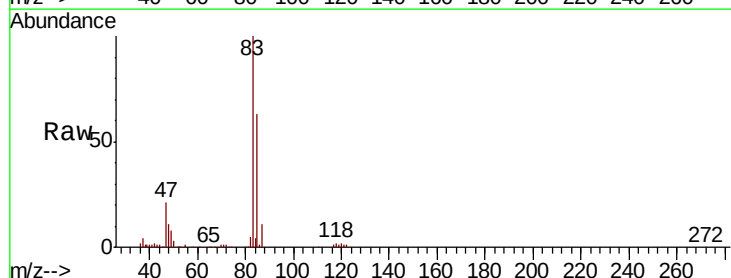
Acq: 24 Jun 2019 13:41

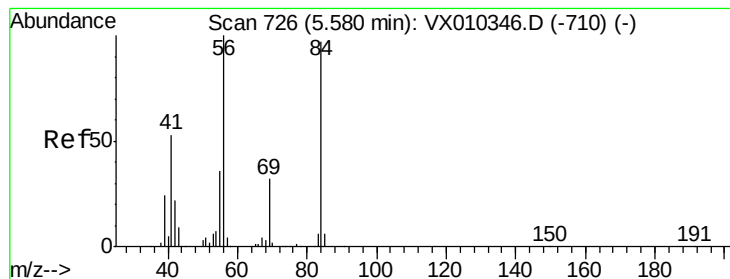
Tgt Ion: 83 Resp: 89656

Ion Ratio Lower Upper

83 100

85 63.2 50.9 76.3





#31

Cyclohexane

Concen: 19.469 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

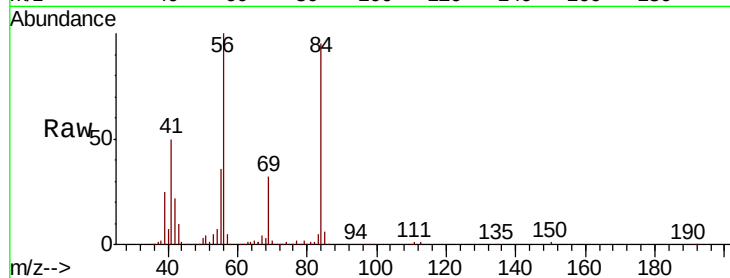
Tot Ion: 56 Resp: 74109

Ion Ratio Lower Upper

56 100

69 32.2 25.9 38.9

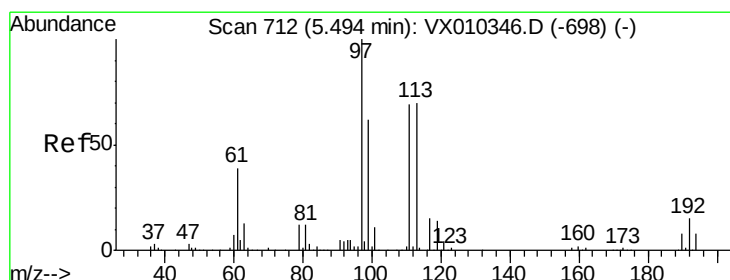
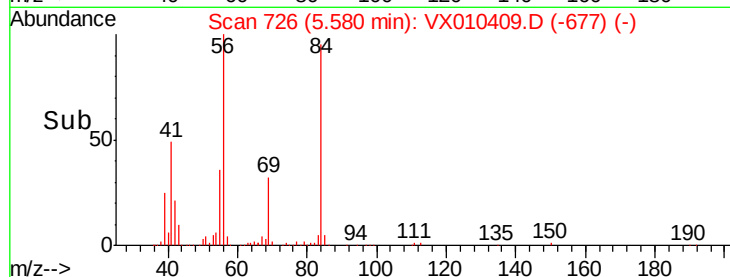
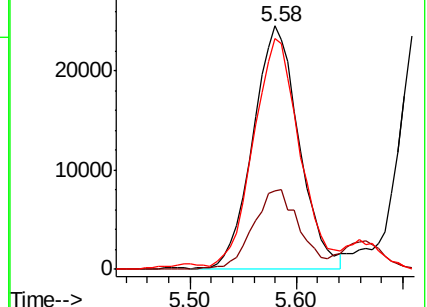
84 92.7 78.0 117.0



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: 19.998 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

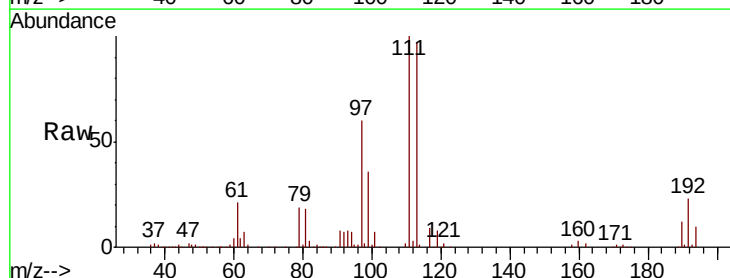
Tgt Ion: 97 Resp: 79417

Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

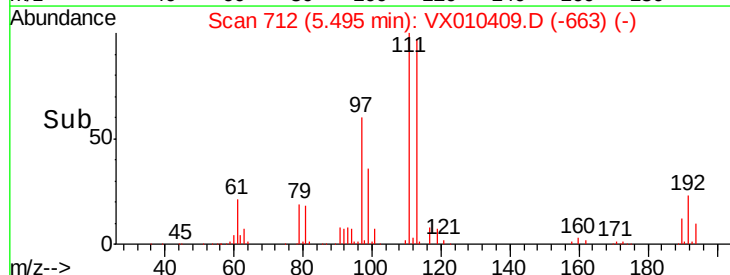
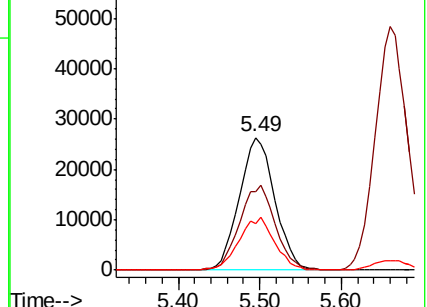
61 39.8 32.1 48.1

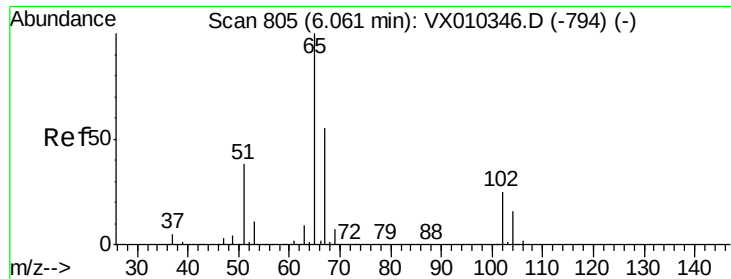


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

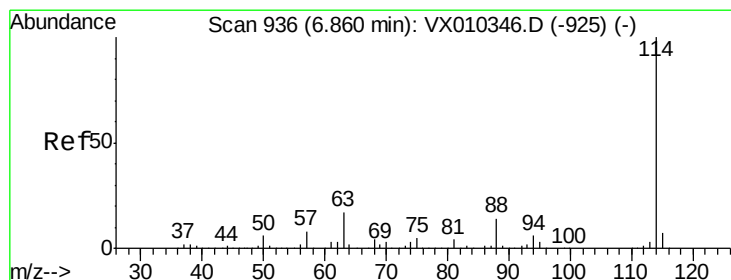
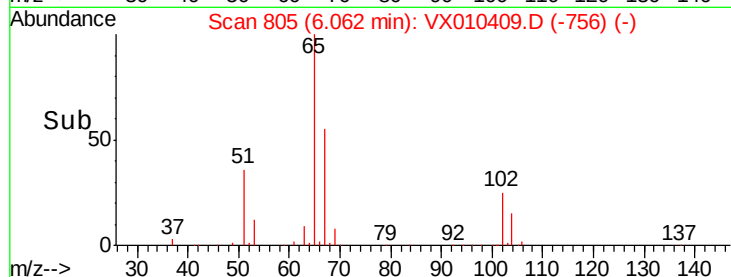
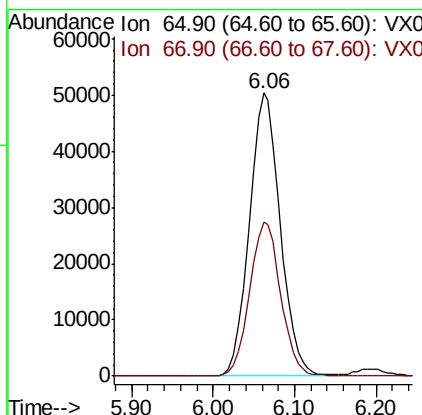
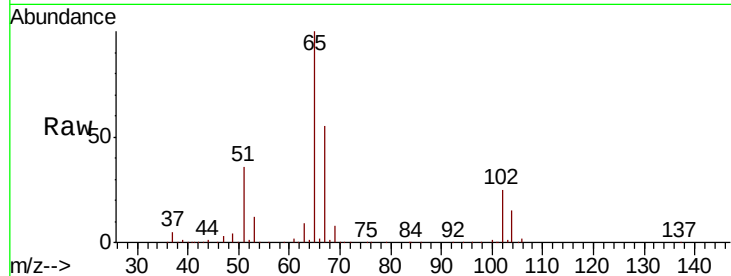




#33
 1,2-Dichloroethane-d4
 Concen: 50.431 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

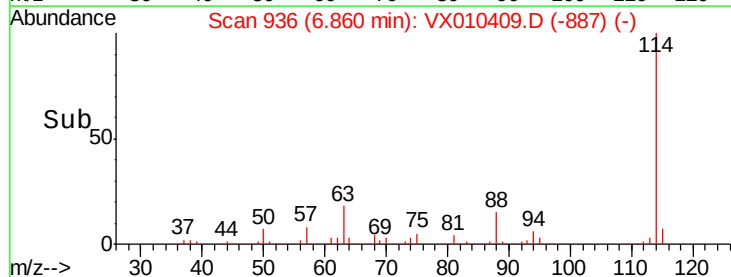
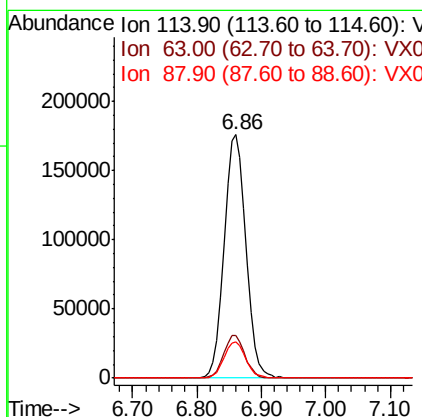
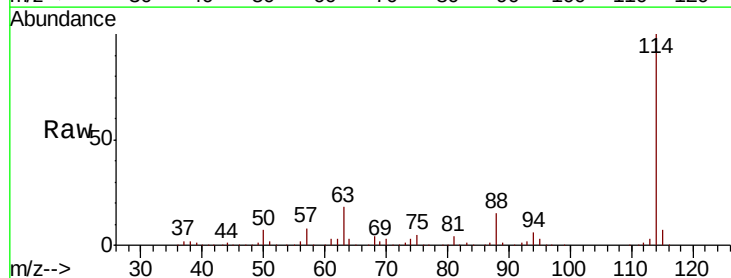
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

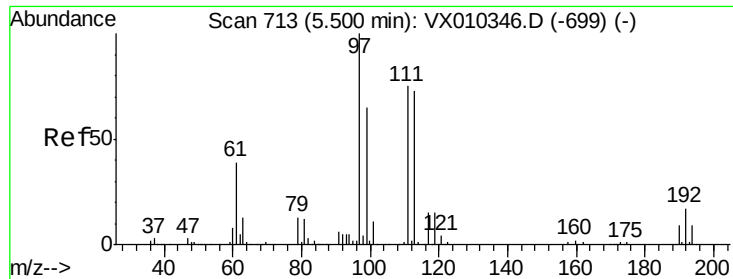
Tot Ion: 65 Resp: 132897
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Tgt Ion: 114 Resp: 420692
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 33.8
 88 14.8 0.0 27.6

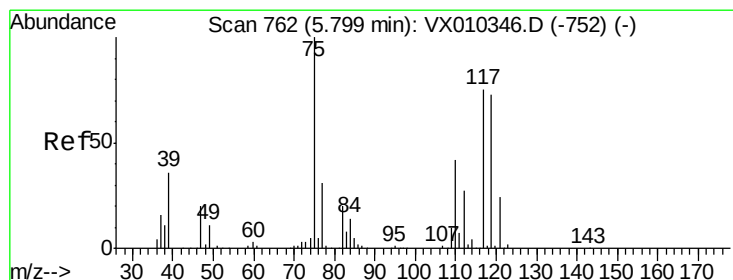
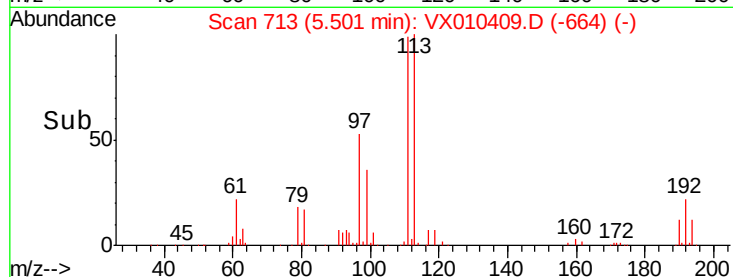
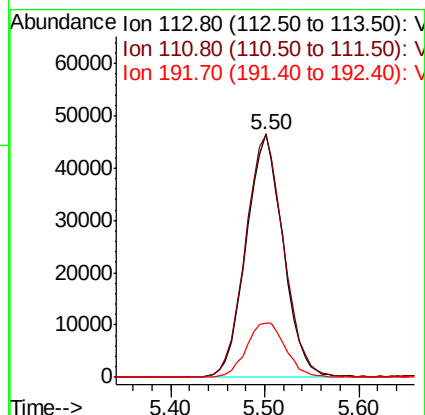
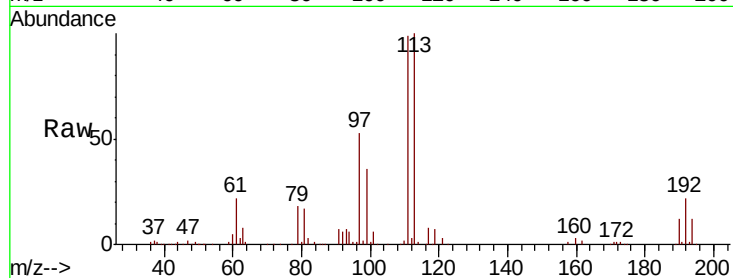




#35
Dibromofluoromethane
Concen: 49.747 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

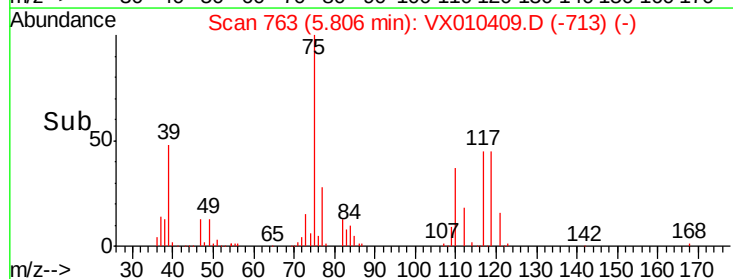
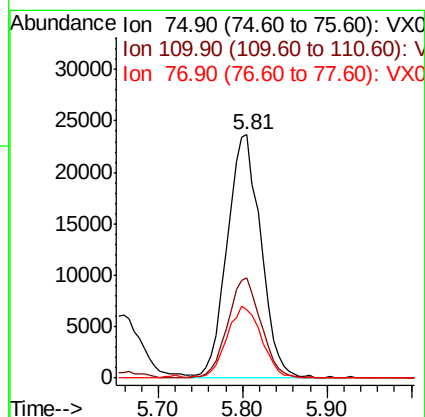
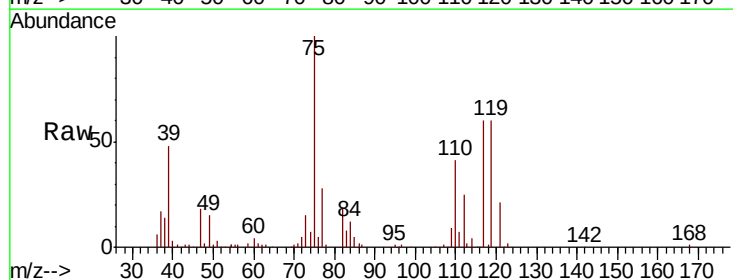
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBSD01

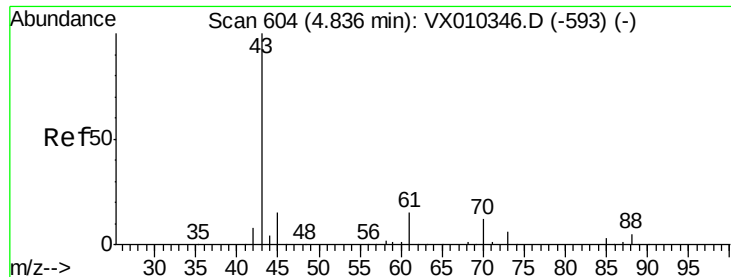
Tot Ion:113 Resp: 128046
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 23.8 18.6 27.8



#36
1,1-Dichloropropene
Concen: 19.337 ug/l
RT: 5.81 min Scan# 763
Delta R.T. 0.01 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Tgt Ion: 75 Resp: 64643
Ion Ratio Lower Upper
75 100
110 40.8 20.8 62.2
77 29.9 25.4 38.0





#37

Ethyl Acetate

Concen: 20.483 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

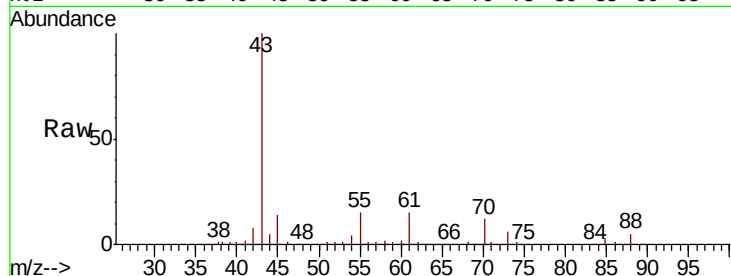
Tot Ion: 43 Resp: 70444

Ion Ratio Lower Upper

43 100

61 15.7 12.4 18.6

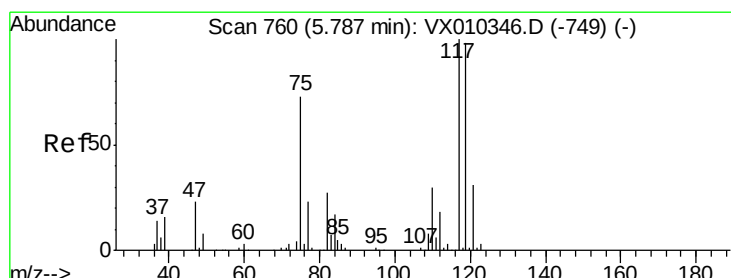
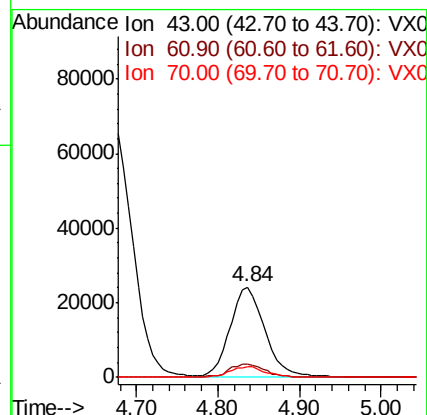
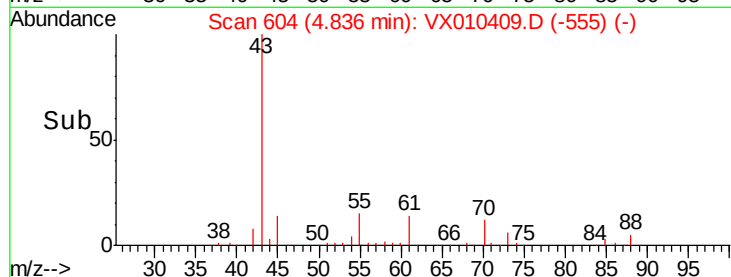
70 12.4 9.8 14.8



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: 19.601 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

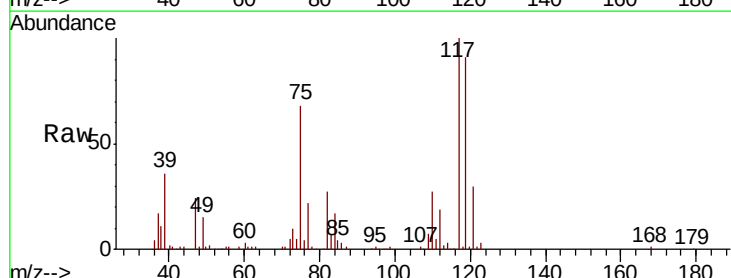
Tgt Ion: 117 Resp: 70956

Ion Ratio Lower Upper

117 100

119 91.3 78.2 117.4

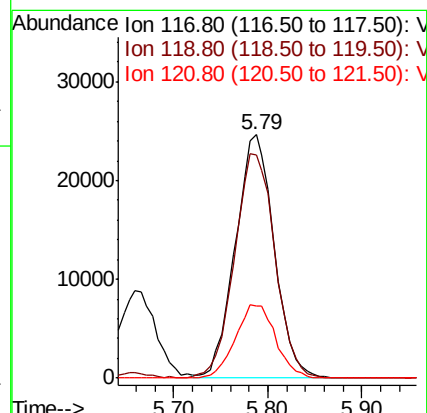
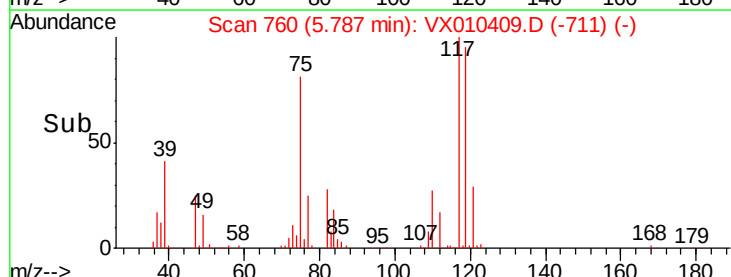
121 29.5 24.7 37.1

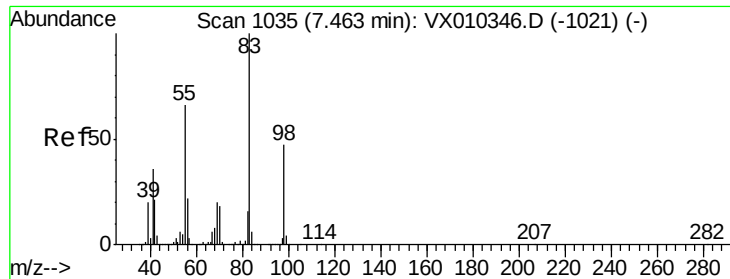


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

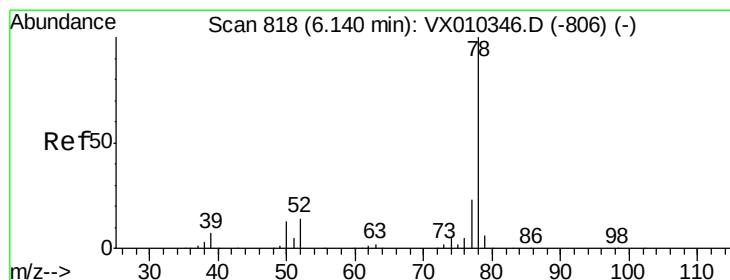
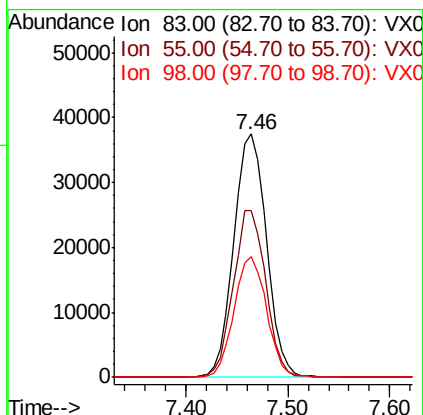
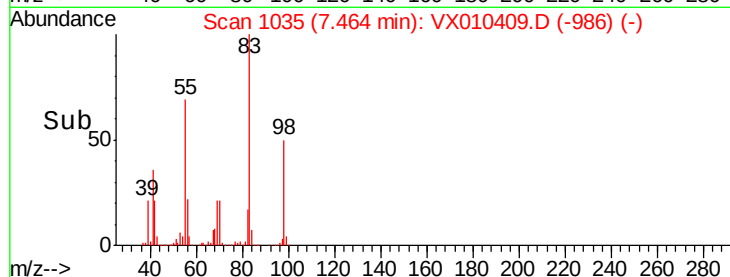
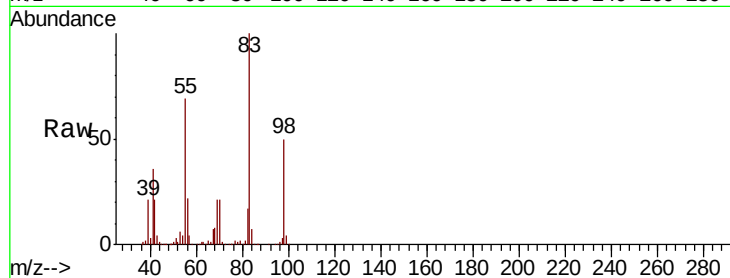




#39
Methylvlcyclohexane
Concen: 19.057 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

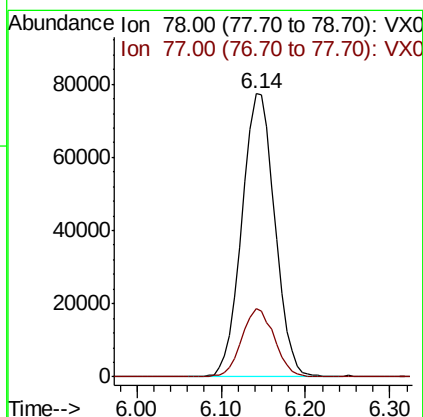
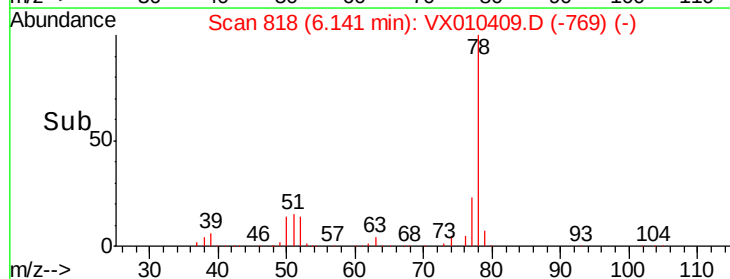
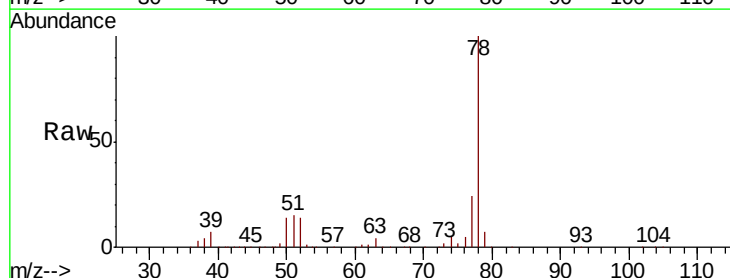
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBSD01

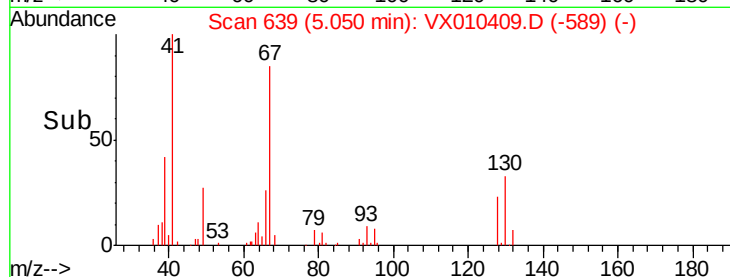
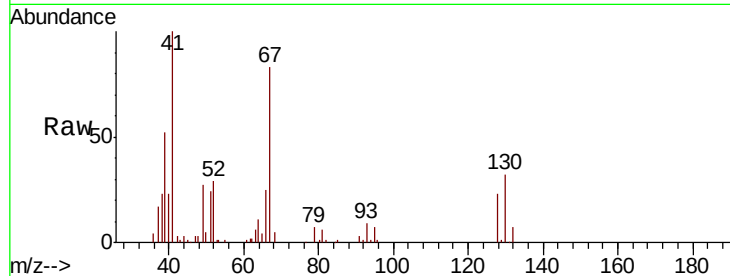
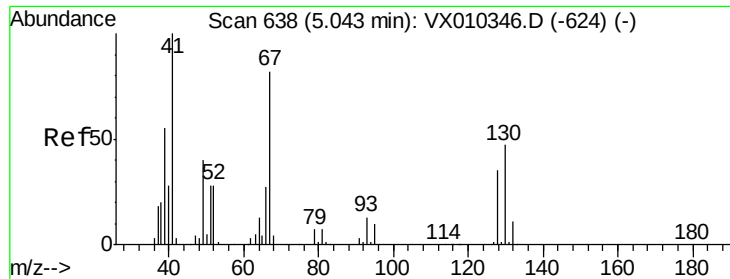
Tot Ion: 83 Resp: 83743
Ion Ratio Lower Upper
83 100
55 68.5 53.0 79.6
98 49.4 37.8 56.8



#40
Benzene
Concen: 19.680 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Tgt Ion: 78 Resp: 204967
Ion Ratio Lower Upper
78 100
77 24.0 18.6 28.0

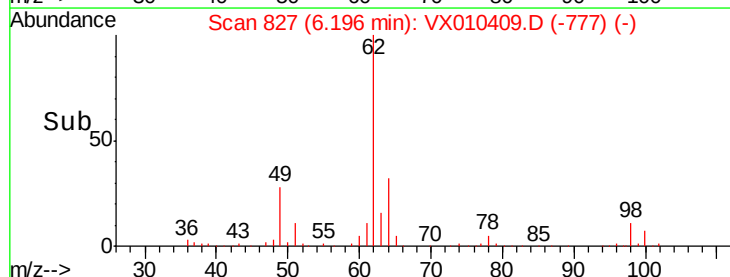
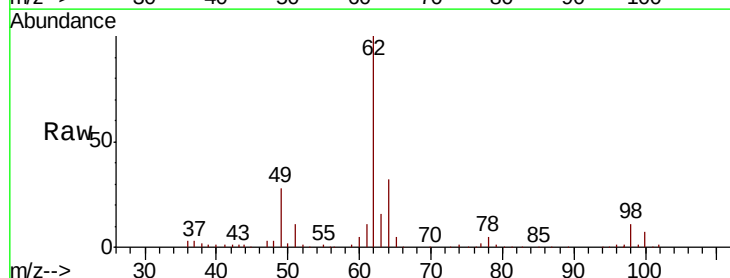
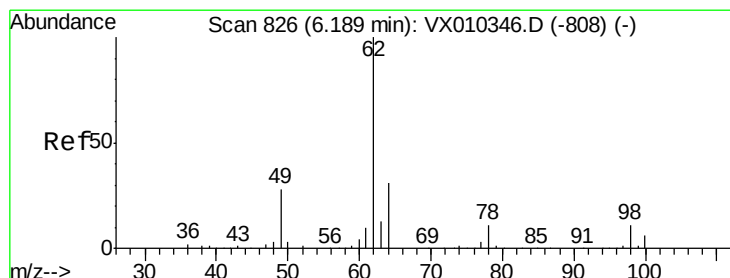
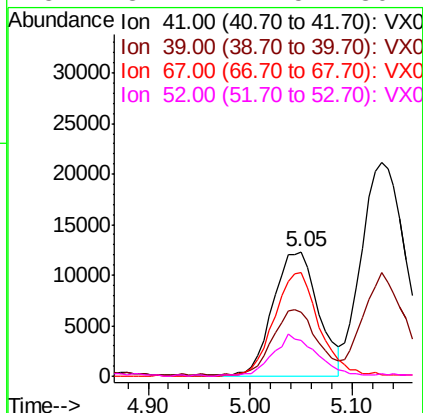




#41
Methacrylonitrile
Concen: 20.113 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

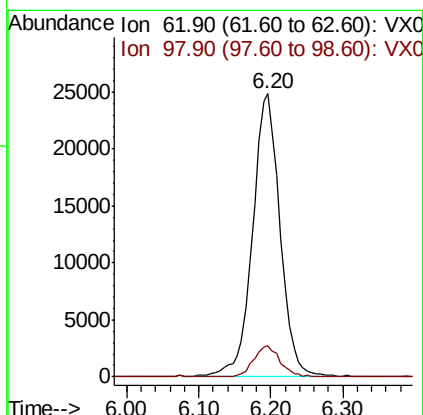
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBSD01

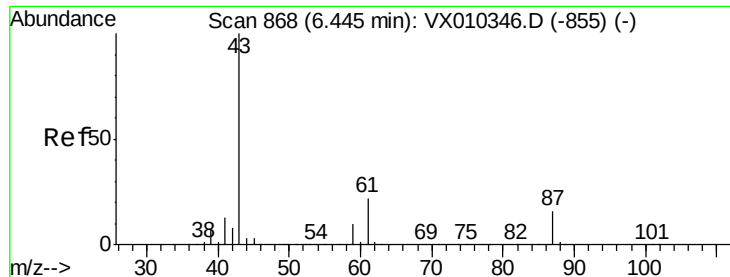
Tot Ion: 41 Resp: 37954
Ion Ratio Lower Upper
41 100
39 52.3 43.8 65.8
67 83.3 66.6 100.0
52 32.7 24.5 36.7



#42
1,2-Dichloroethane
Concen: 20.836 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Tgt Ion: 62 Resp: 66059
Ion Ratio Lower Upper
62 100
98 10.6 0.0 22.2





#43

Isopropyl Acetate

Concen: 20.213 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

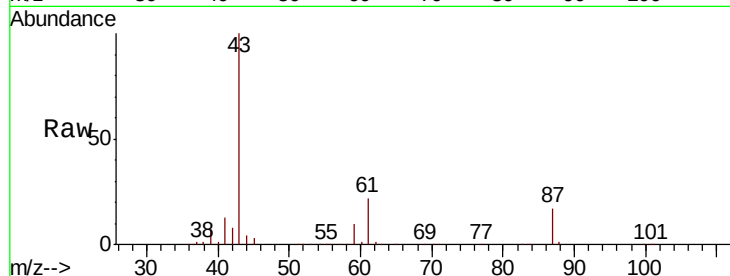
Tot Ion: 43 Resp: 115016

Ion Ratio Lower Upper

43 100

61 21.6 17.8 26.6

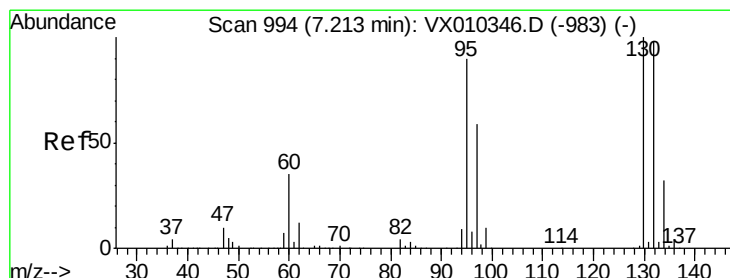
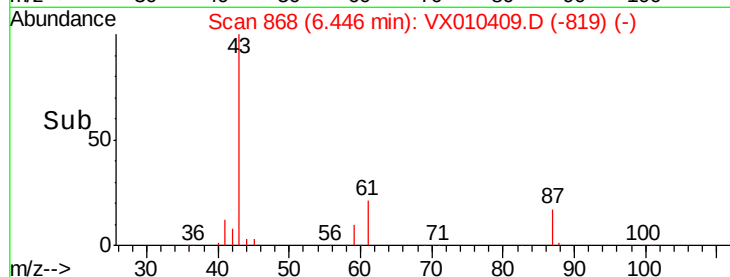
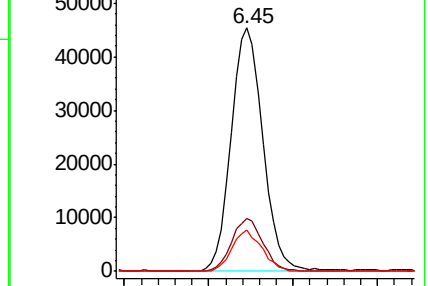
87 16.2 13.0 19.4



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: 19.468 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010409.D

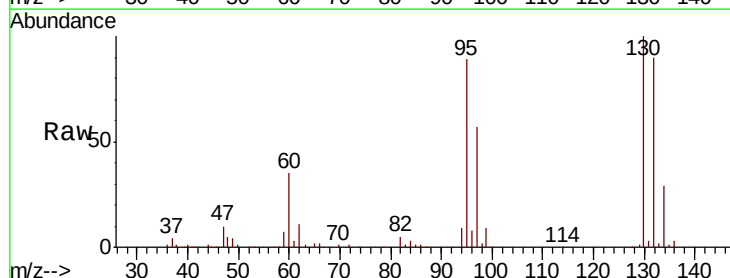
Acq: 24 Jun 2019 13:41

Tgt Ion:130 Resp: 60673

Ion Ratio Lower Upper

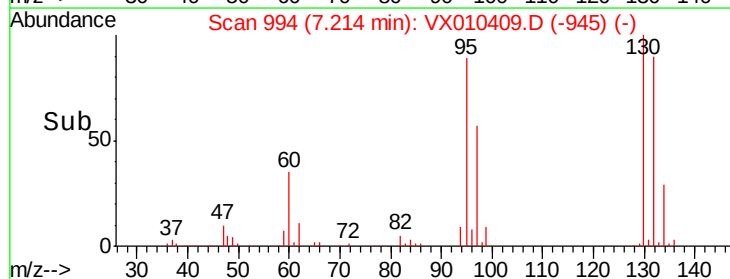
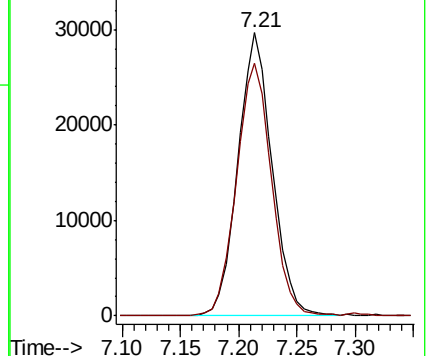
130 100

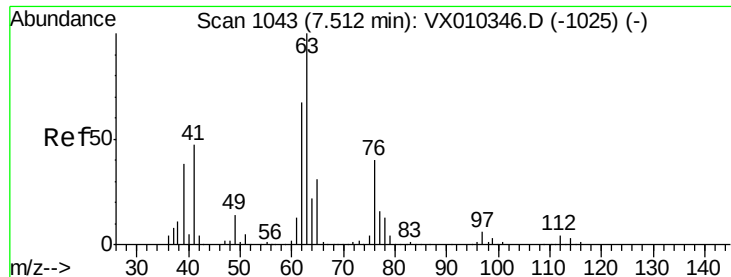
95 89.0 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

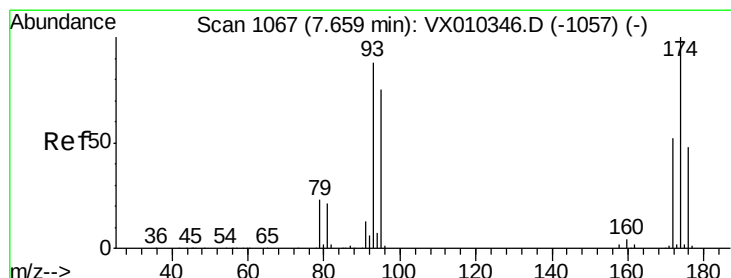
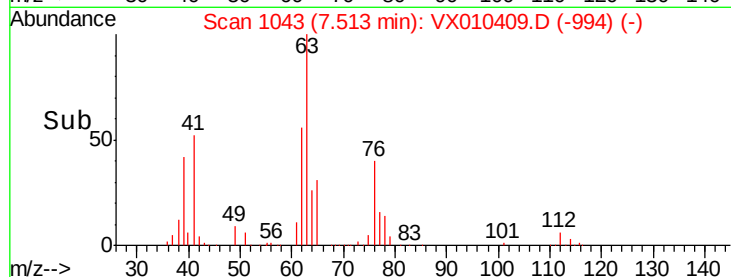
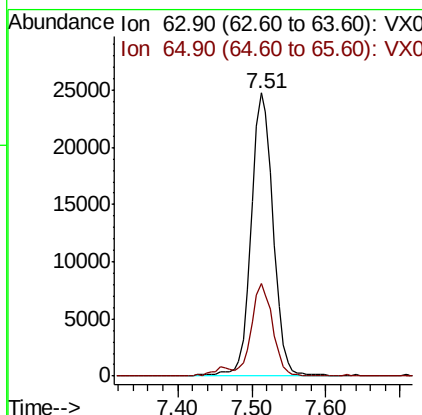
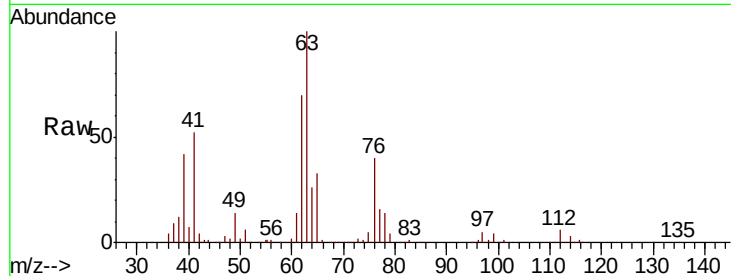




#45
 1,2-Dichloropropane
 Concen: 19.614 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

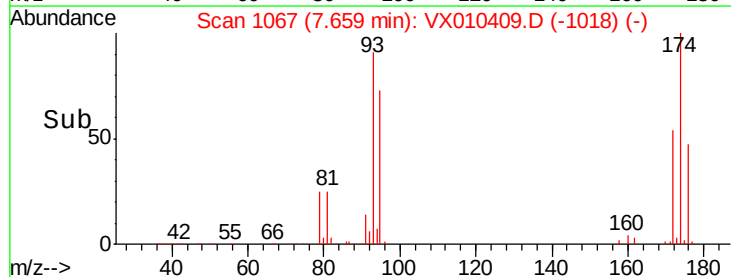
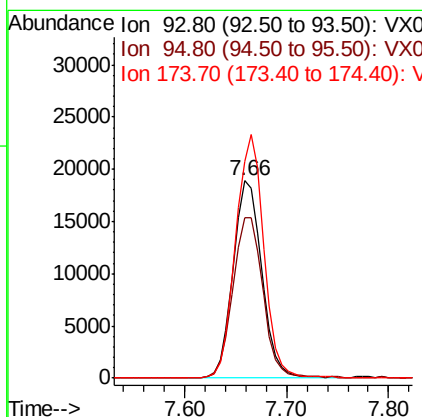
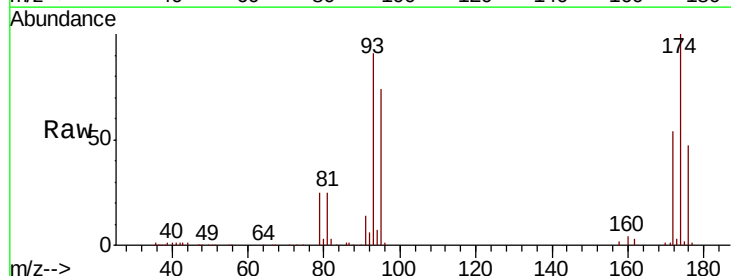
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

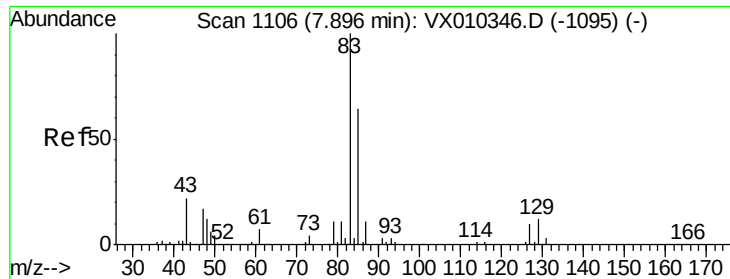
Tot Ion: 63 Resp: 51587
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.8 37.2



#46
 Dibromomethane
 Concen: 19.573 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Tgt Ion: 93 Resp: 36935
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.5 101.3
 174 120.3 95.8 143.6





#47

Bromodichloromethane

Concen: 19.570 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

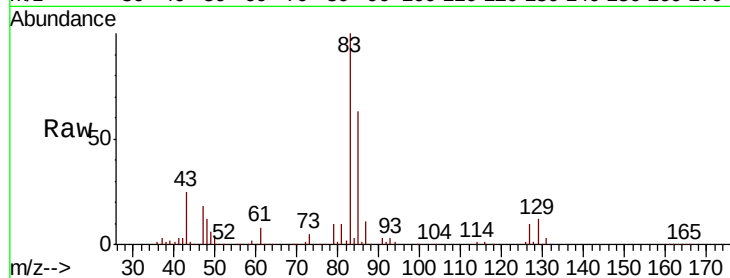
Tot Ion: 83 Resp: 67678

Ion Ratio Lower Upper

83 100

85 63.3 51.5 77.3

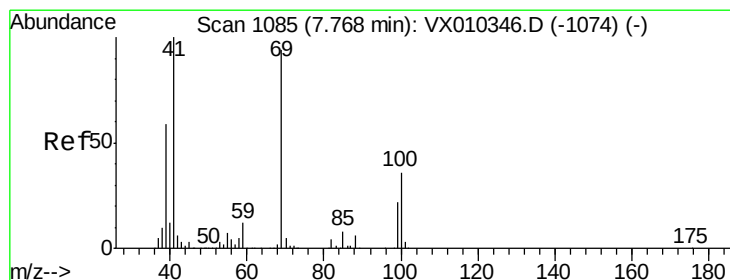
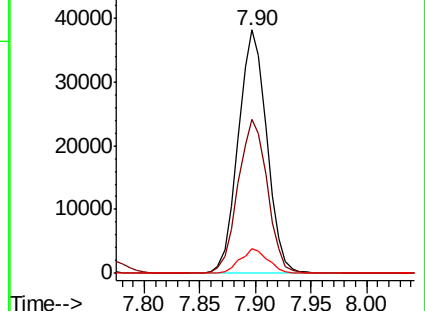
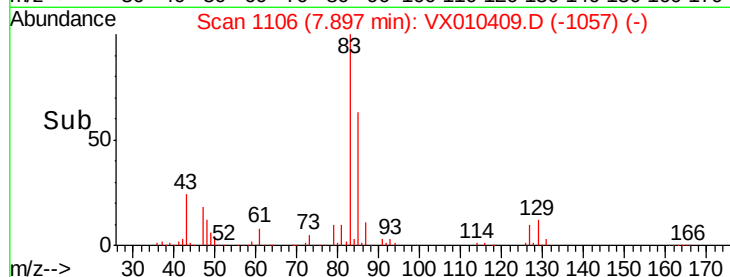
127 9.9 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.019 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

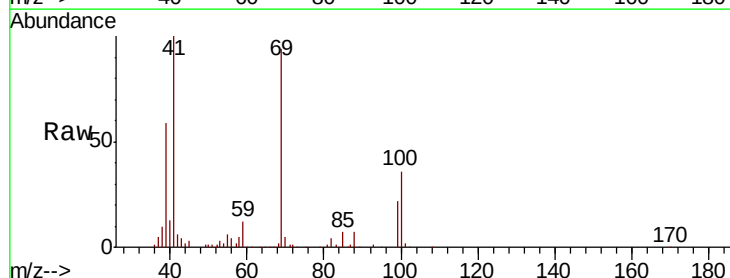
Tgt Ion: 41 Resp: 52947

Ion Ratio Lower Upper

41 100

69 94.6 76.1 114.1

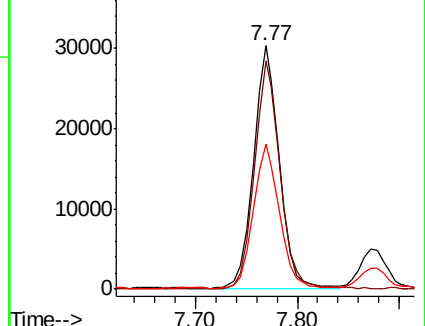
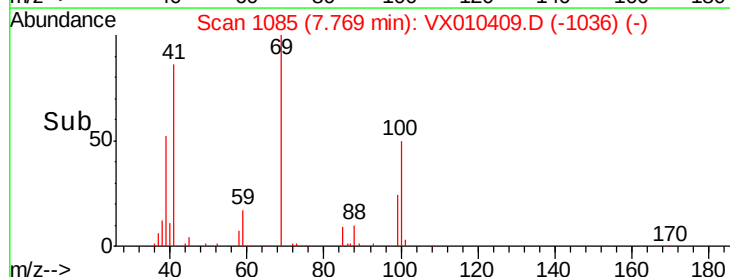
39 60.9 47.6 71.4

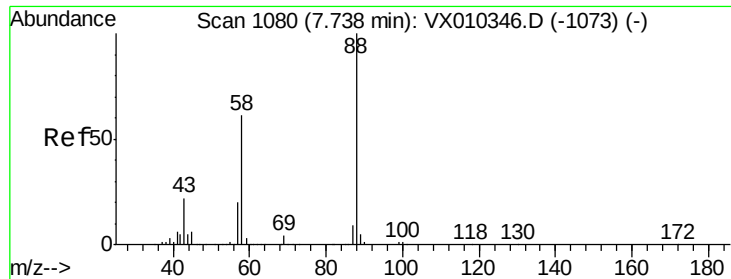


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



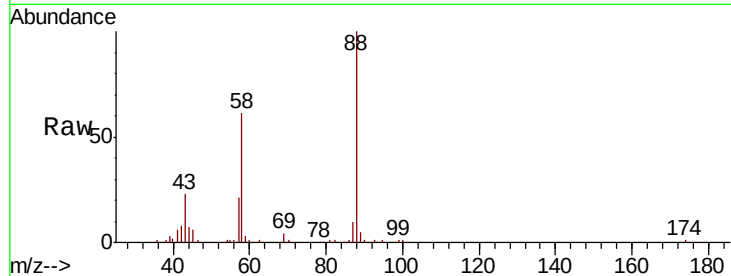


#49
 1,4-Dioxane
 Concen: 405.403 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

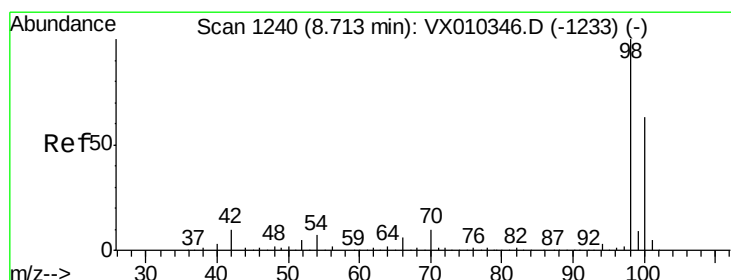
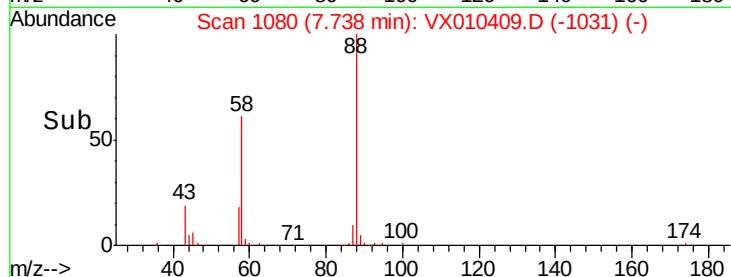
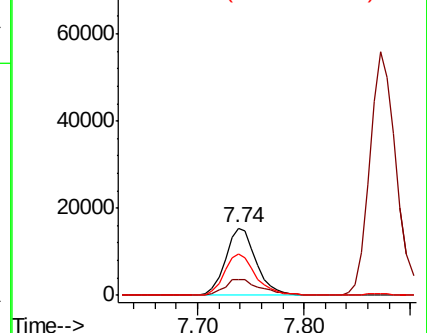
Instrument :
 MSVOA_X
 ClientSampled :
 VX0624WBSD01

Tot Ion: 88 Resp: 30888

Ion	Ratio	Lower	Upper
88	100		
43	26.4	20.2	30.2
58	63.0	49.5	74.3



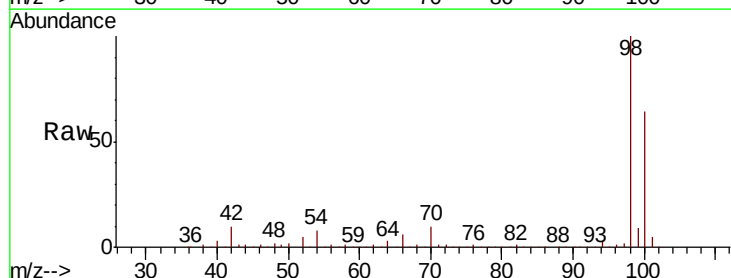
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



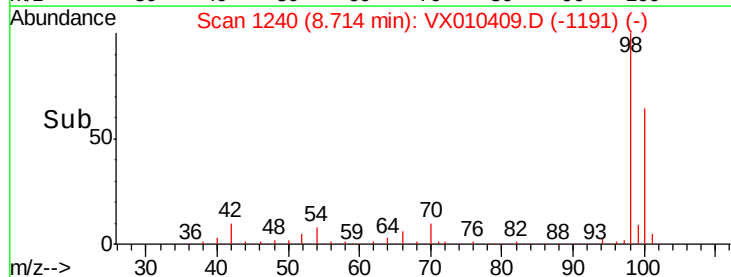
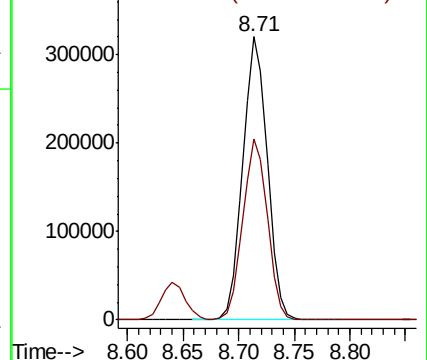
#50
 Toluene-d8
 Concen: 49.807 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

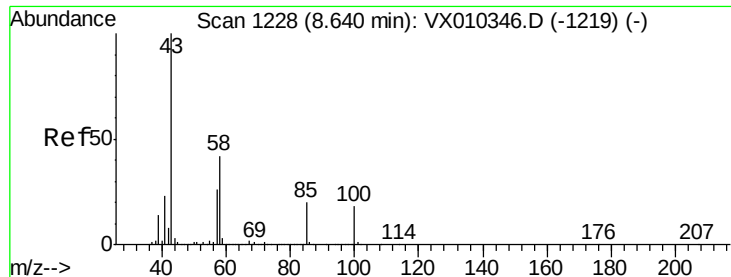
Tgt Ion: 98 Resp: 490473

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.6	77.4



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

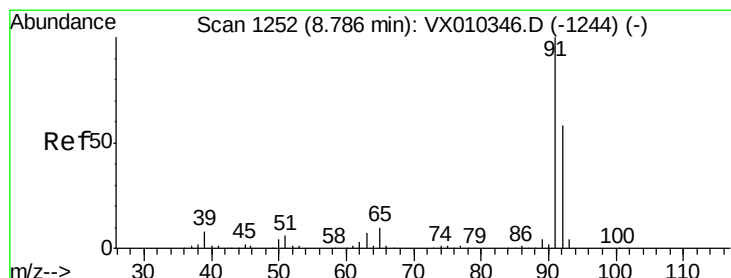
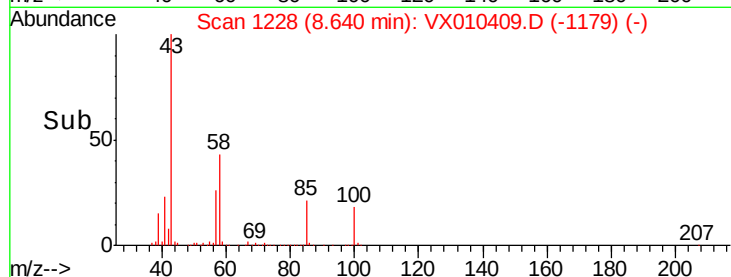
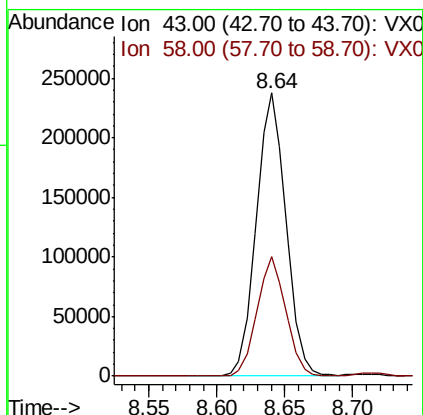
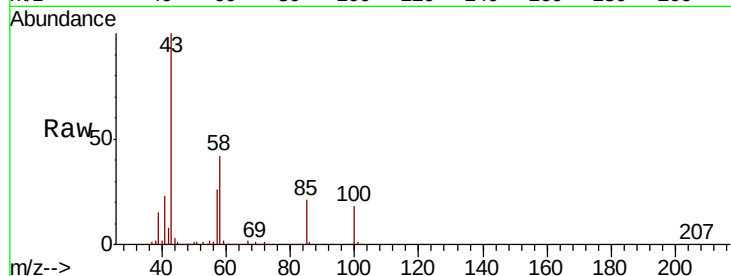




#51
 4-Methyl-2-Pentanone
 Concen: 100.115 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

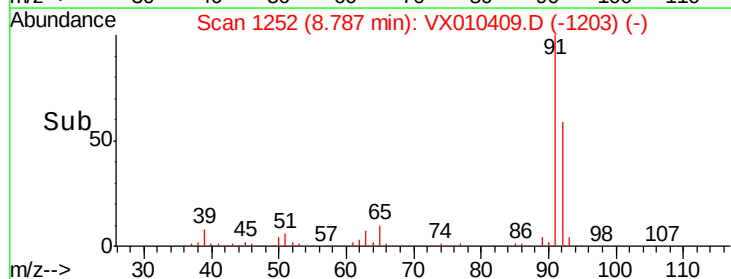
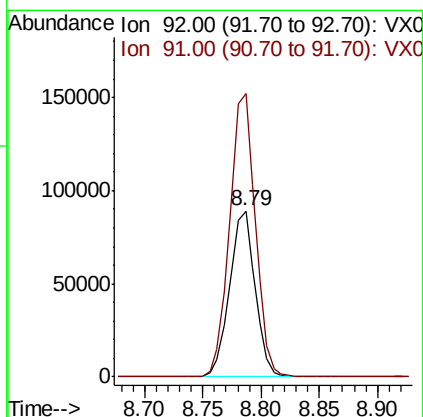
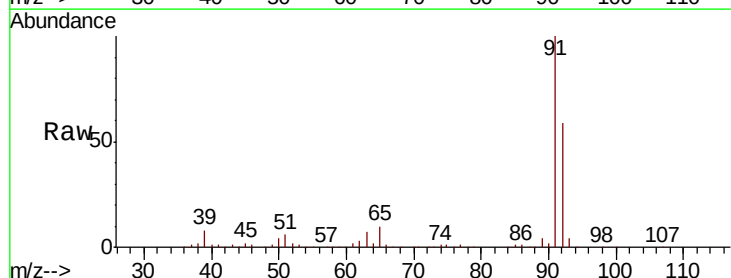
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0624WBSD01

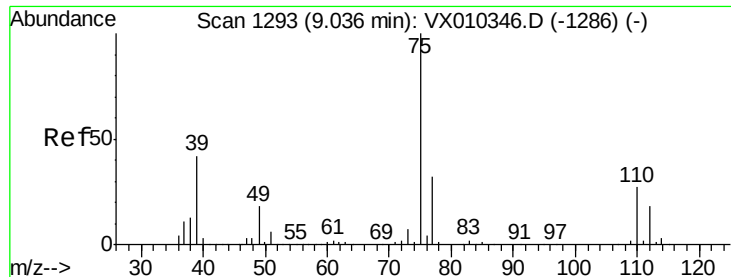
Tot Ion: 43 Resp: 364336
 Ion Ratio Lower Upper
 43 100
 58 41.2 33.5 50.3



#52
 Toluene
 Concen: 19.817 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Tgt Ion: 92 Resp: 135918
 Ion Ratio Lower Upper
 92 100
 91 172.8 139.8 209.6

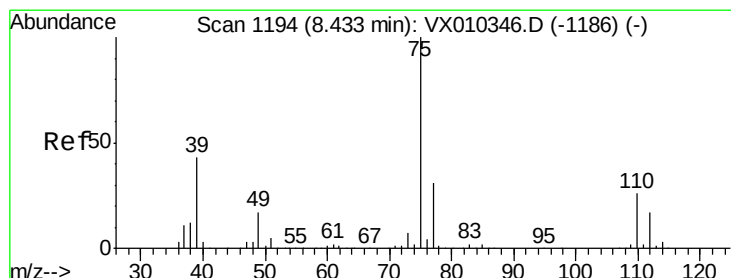
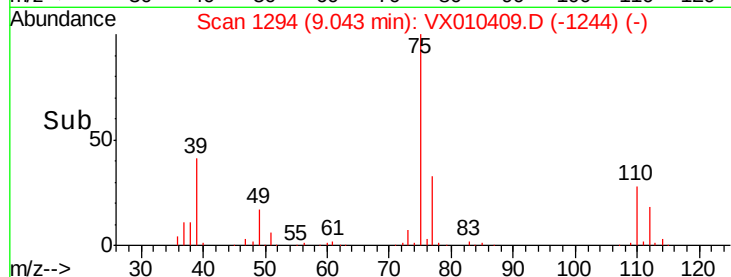
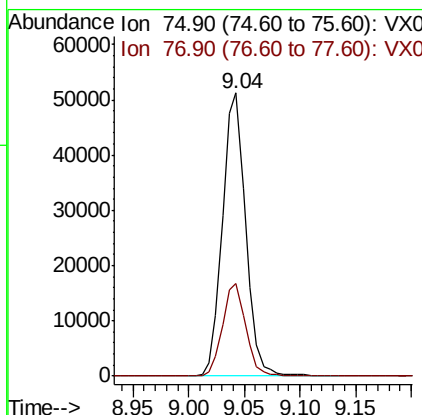
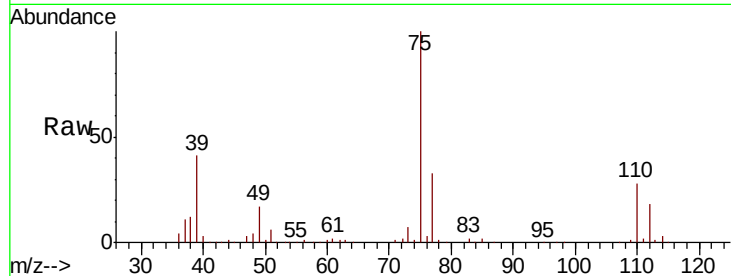




#53
 t-1,3-Dichloropropene
 Concen: 19.119 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

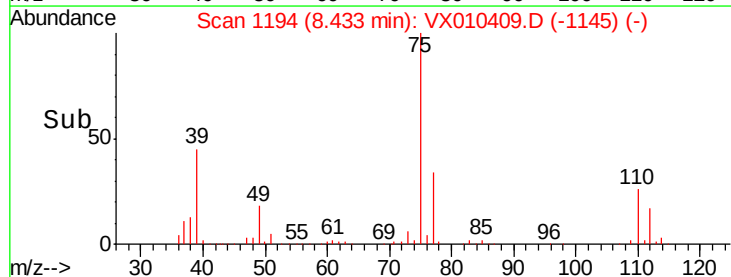
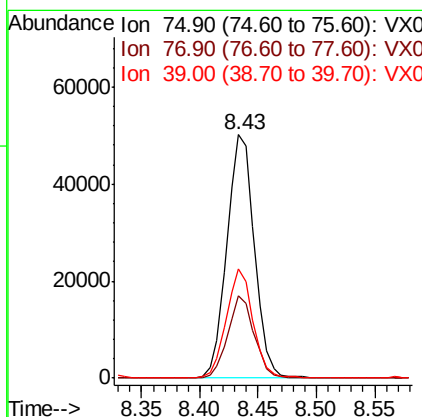
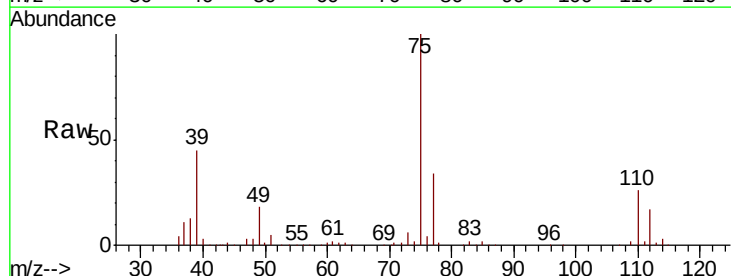
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

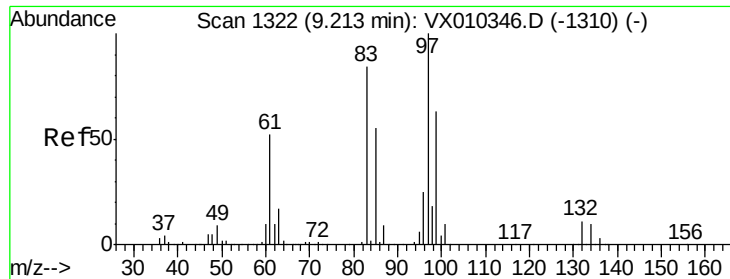
Tot Ion: 75 Resp: 74129
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.538 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Tgt Ion: 75 Resp: 82320
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.2 37.8
 39 44.9 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 19.977 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

Tot Ion: 97 Resp: 56508

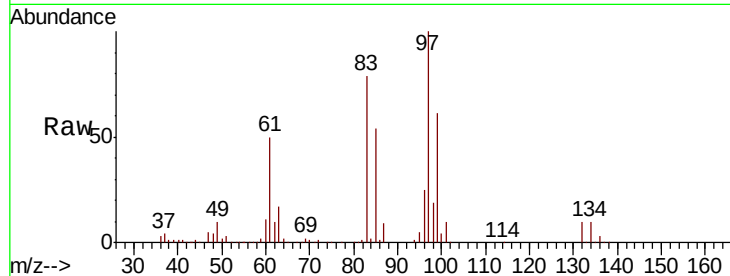
Ion Ratio Lower Upper

97 100

83 79.0 67.4 101.0

85 53.9 43.8 65.8

99 61.3 50.3 75.5

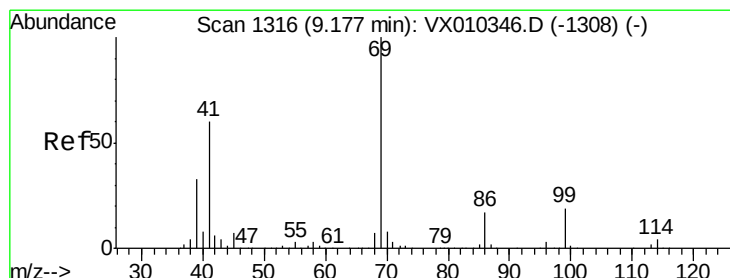
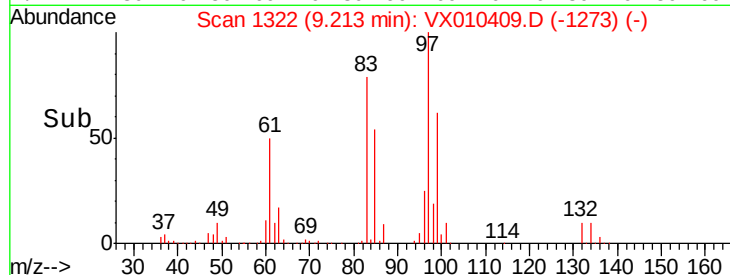
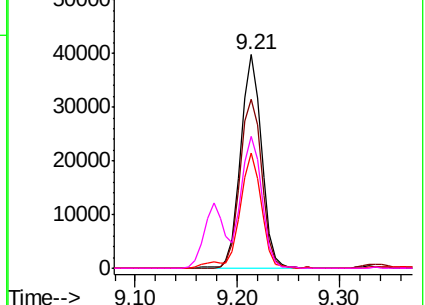


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.696 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

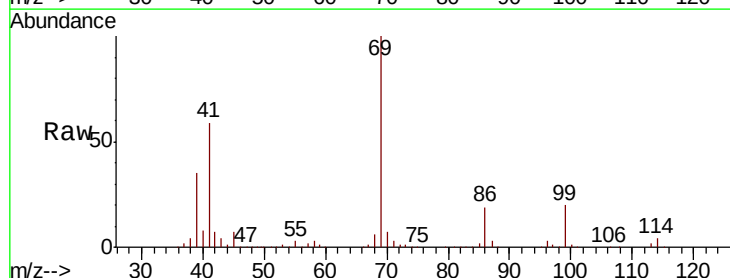
Tgt Ion: 69 Resp: 84399

Ion Ratio Lower Upper

69 100

41 59.1 47.1 70.7

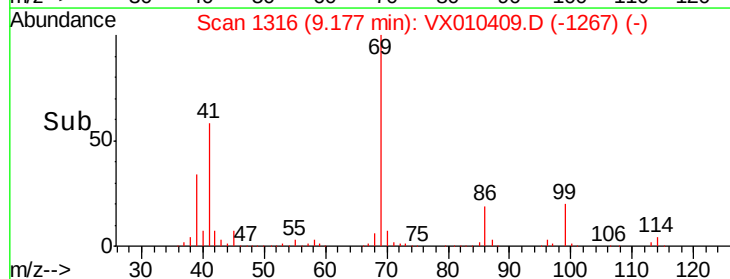
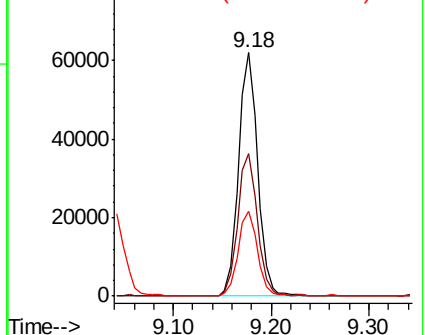
39 34.6 26.6 40.0

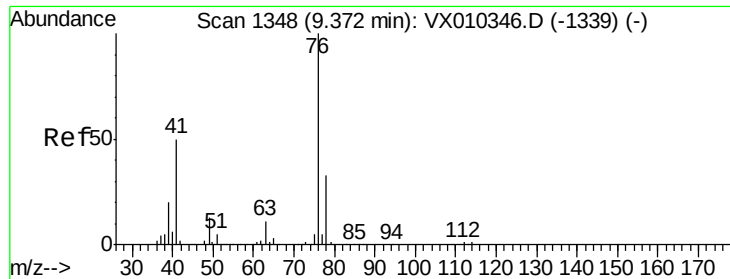


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

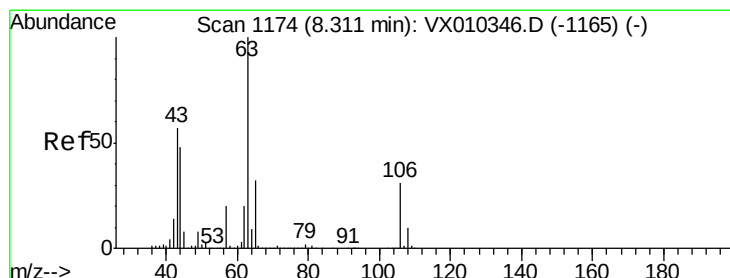
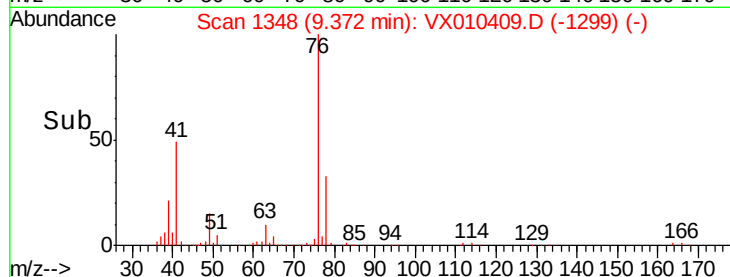
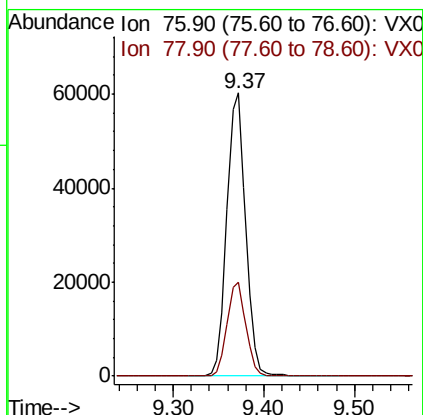
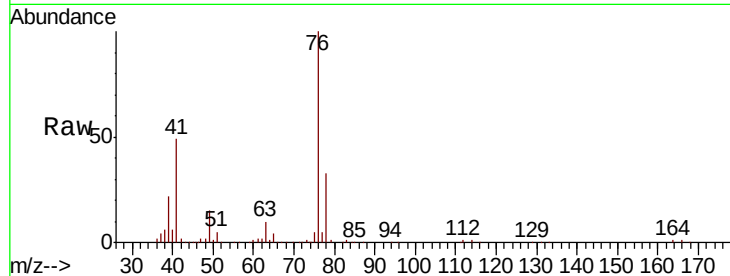




#57
 1,3-Dichloropropane
 Concen: 19.812 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

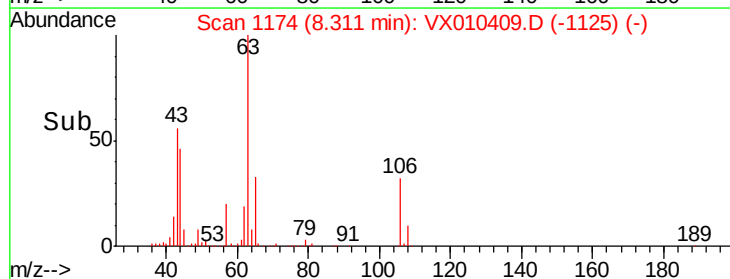
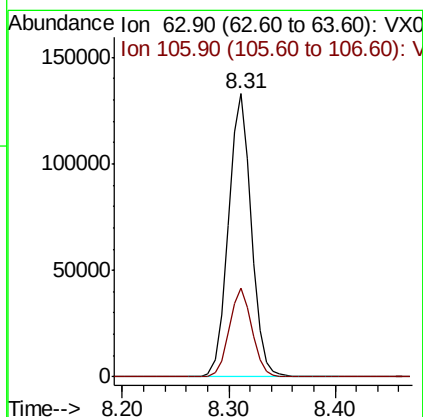
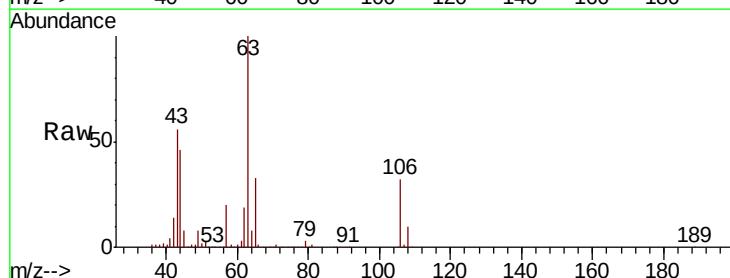
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

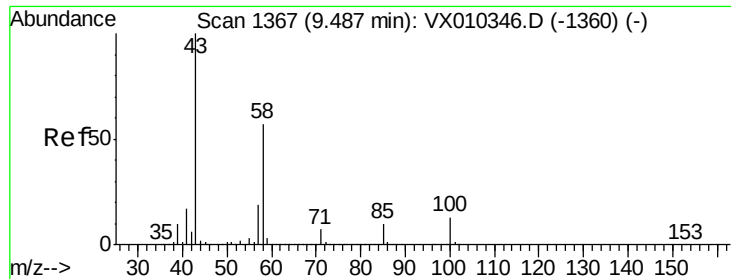
Tot Ion: 76 Resp: 86994
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.778 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Tgt Ion: 63 Resp: 201024
 Ion Ratio Lower Upper
 63 100
 106 31.2 24.7 37.1

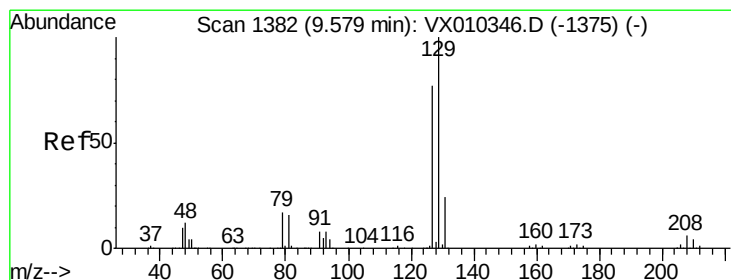
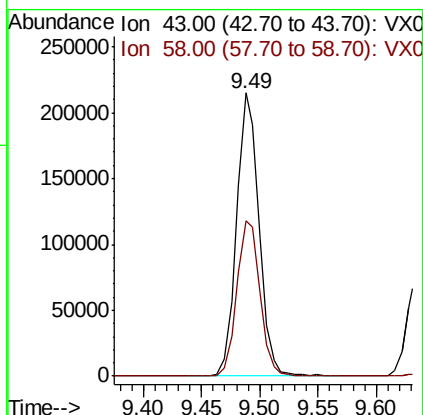
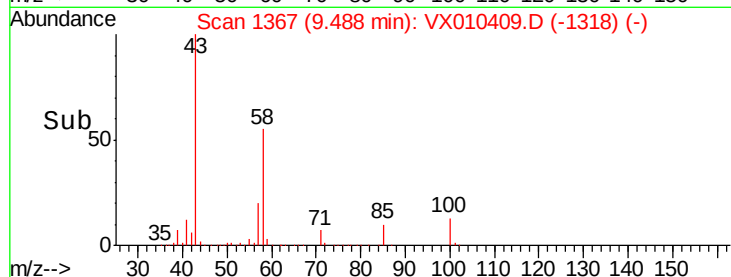
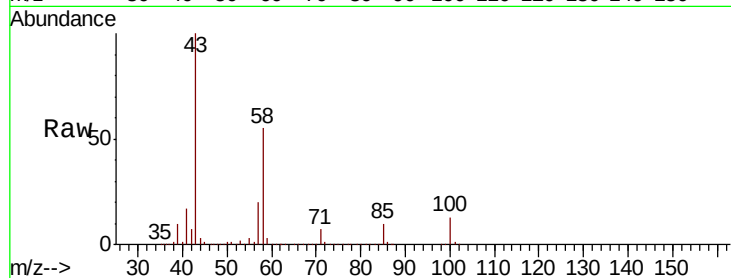




#59
2-Hexanone
Concen: 100.390 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

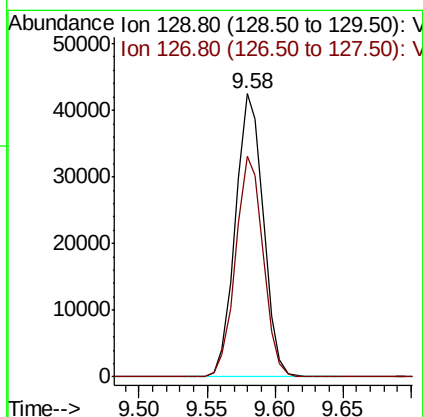
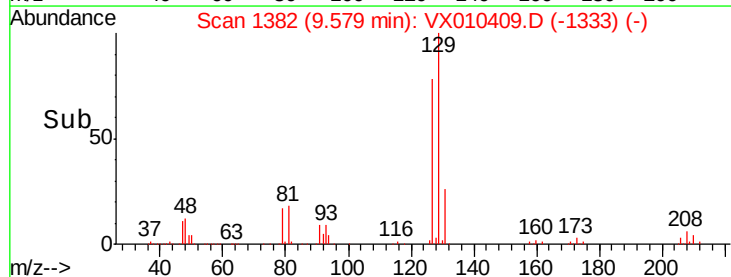
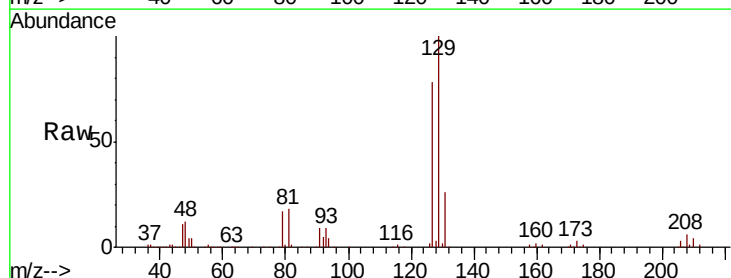
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBSD01

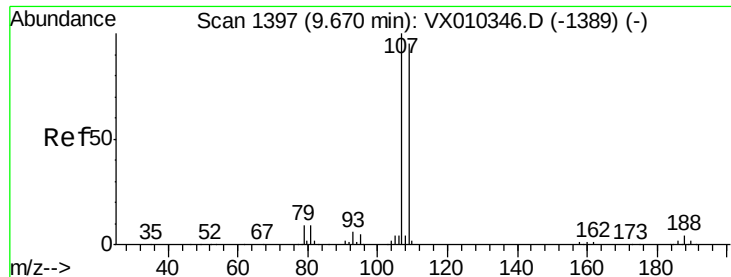
Tot Ion: 43 Resp: 287531
Ion Ratio Lower Upper
43 100
58 56.8 29.0 87.1



#60
Dibromochloromethane
Concen: 19.170 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Tgt Ion:129 Resp: 60714
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1

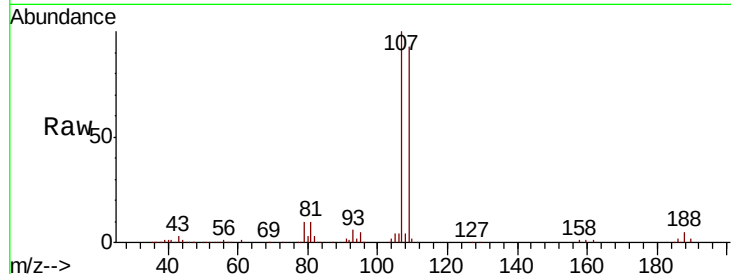




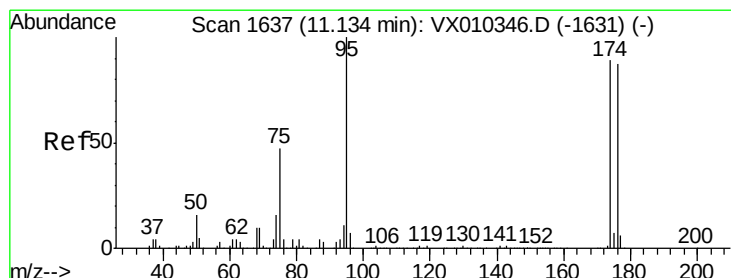
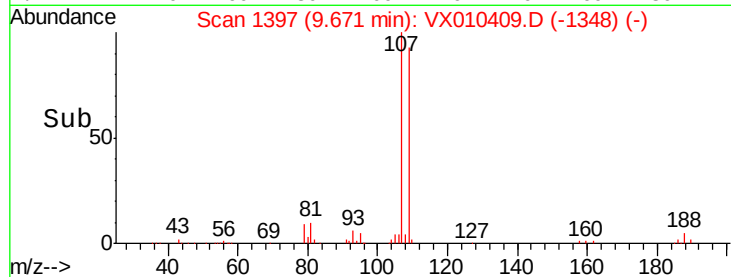
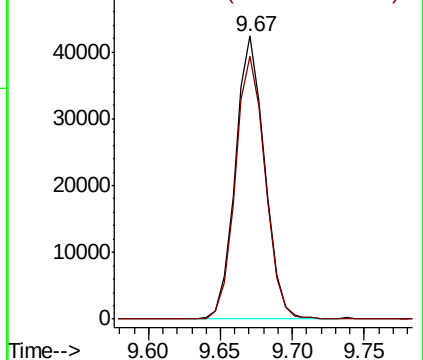
#61
 1,2-Dibromoethane
 Concen: 19.585 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

Tot Ion: 107 Resp: 59799
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.8 113.6

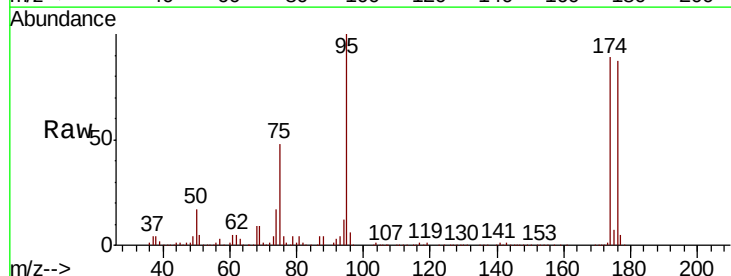


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

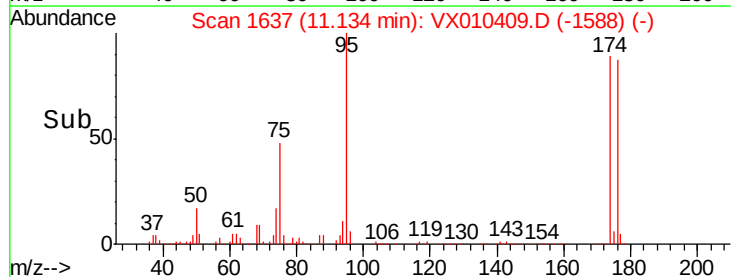
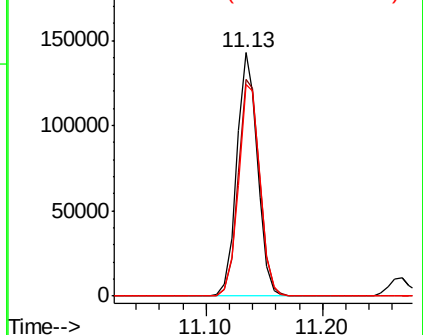


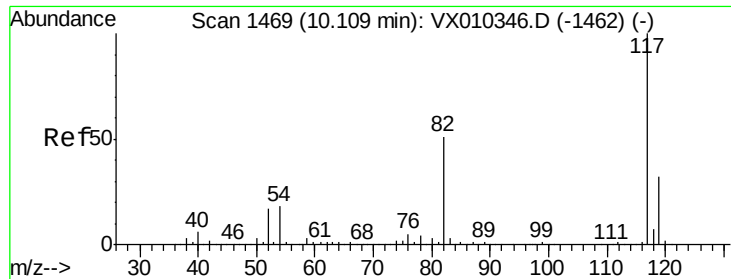
#62
 4-Bromofluorobenzene
 Concen: 49.726 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Tgt Ion: 95 Resp: 176786
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 187.6
 176 90.3 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

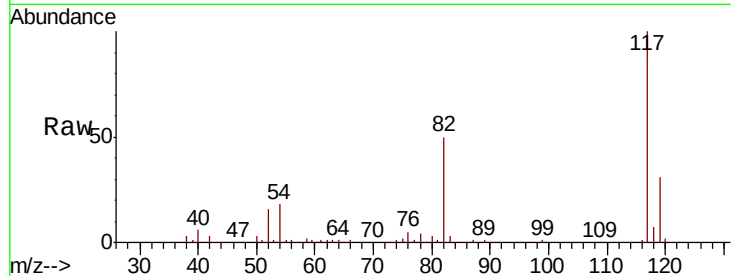




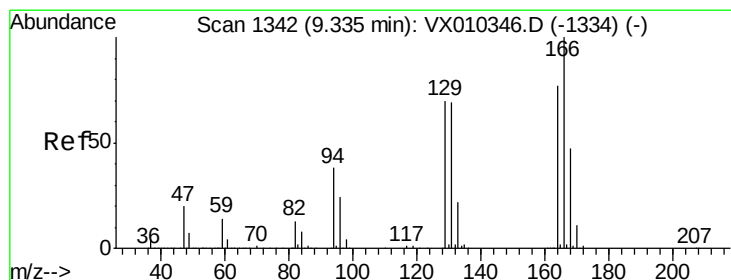
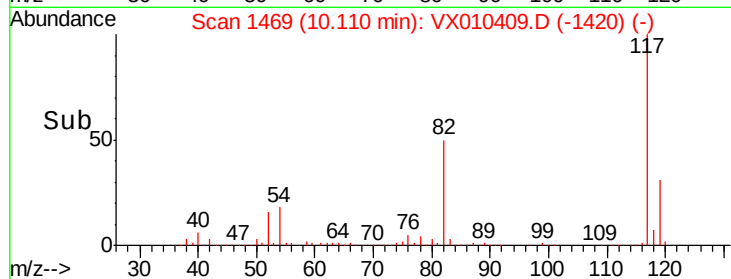
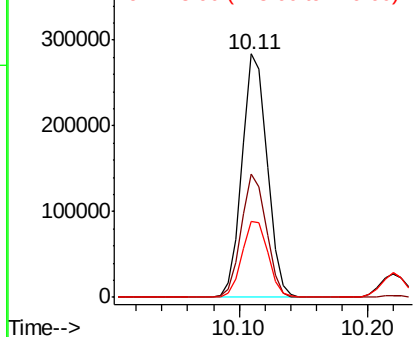
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0624WBSD01

Tot Ion:117 Resp: 382810
Ion Ratio Lower Upper
117 100
82 50.4 41.2 61.8
119 31.3 25.5 38.3



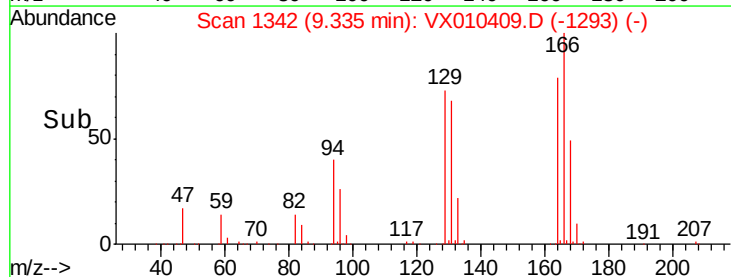
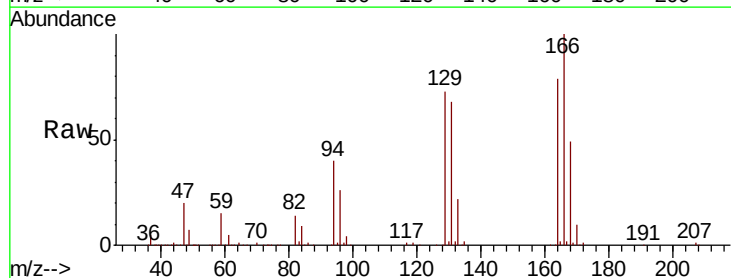
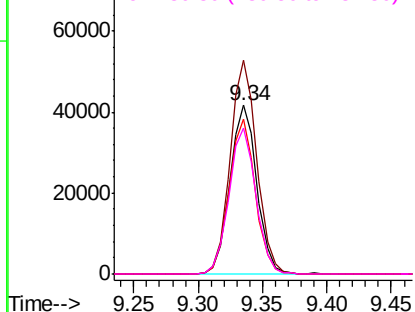
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

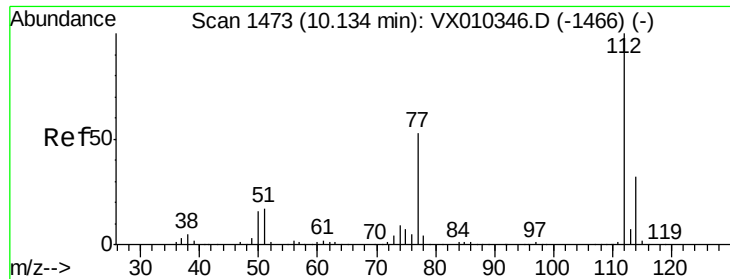


#64
Tetrachloroethene
Concen: 19.664 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Tgt Ion:164 Resp: 60885
Ion Ratio Lower Upper
164 100
166 126.8 103.6 155.4
129 92.1 73.0 109.4
131 86.8 71.0 106.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

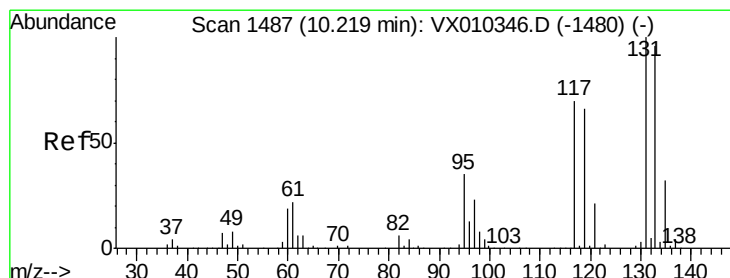
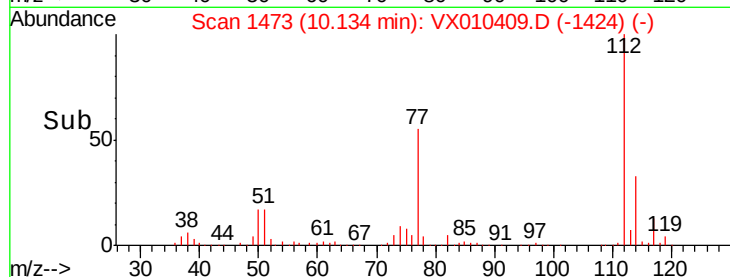
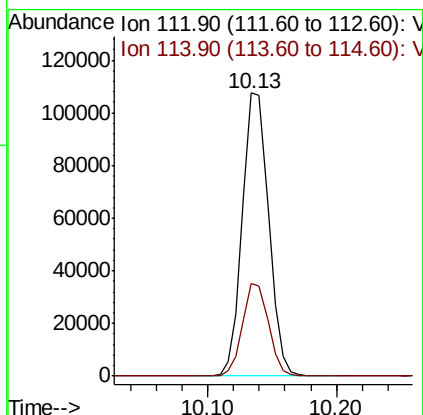
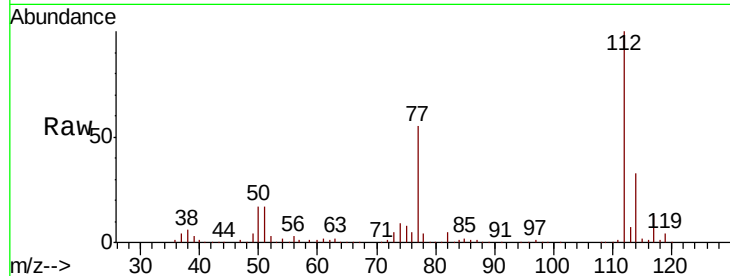




#65
Chlorobenzene
Concen: 19.643 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

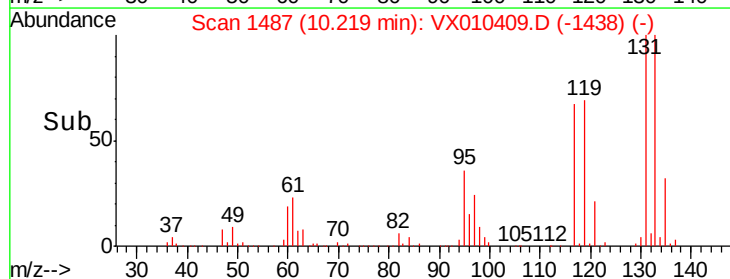
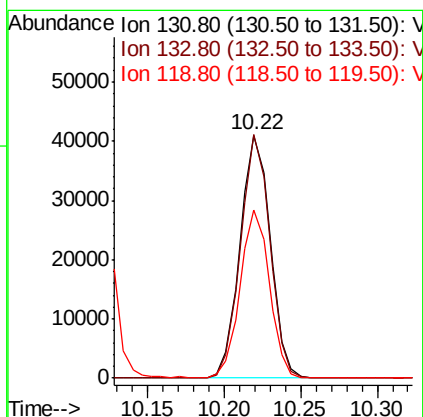
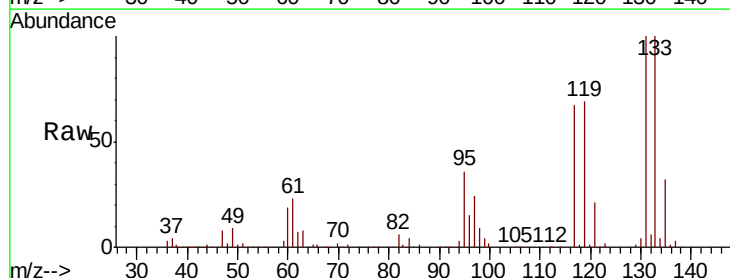
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBSD01

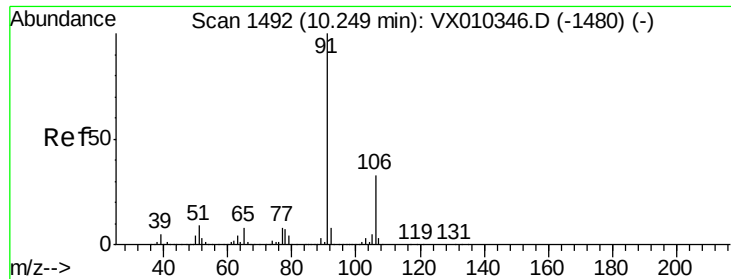
Tot Ion:112 Resp: 152658
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.936 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Tgt Ion:131 Resp: 56436
Ion Ratio Lower Upper
131 100
133 96.9 47.7 143.1
119 67.2 32.6 97.7

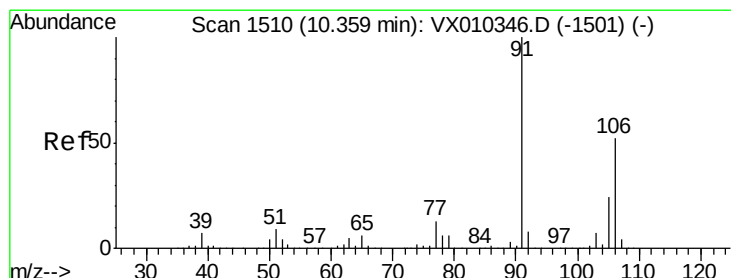
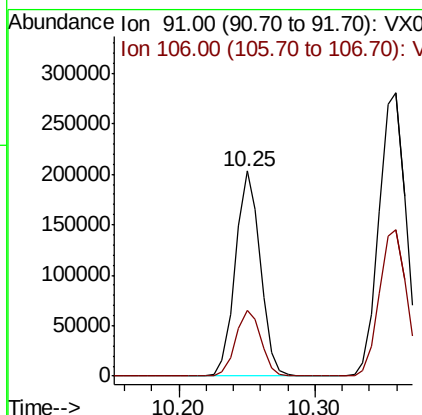
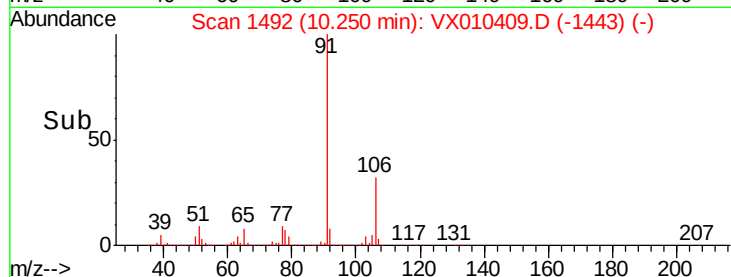
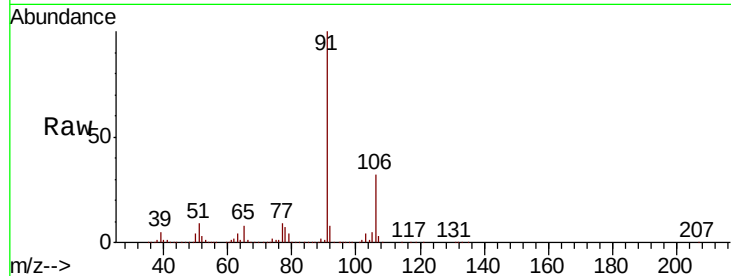




#67
Ethyl Benzene
Concen: 19.740 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

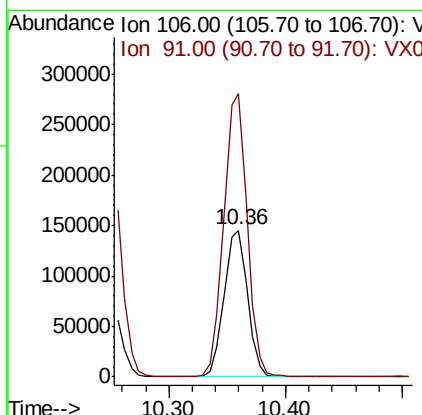
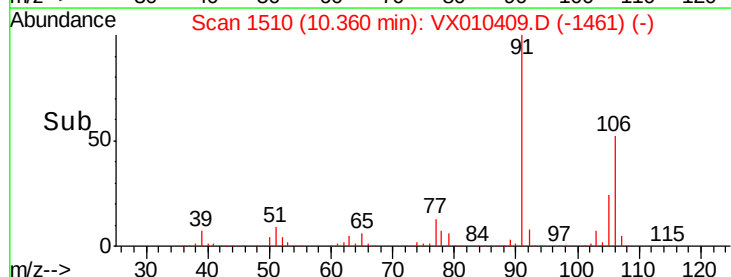
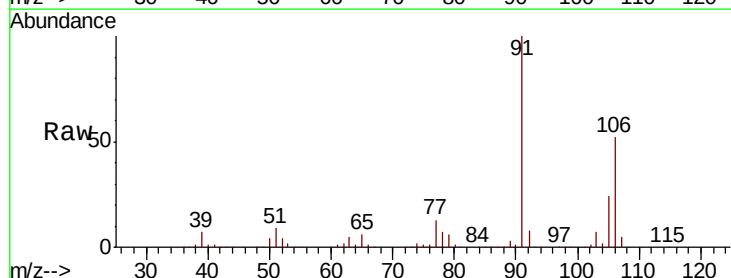
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBSD01

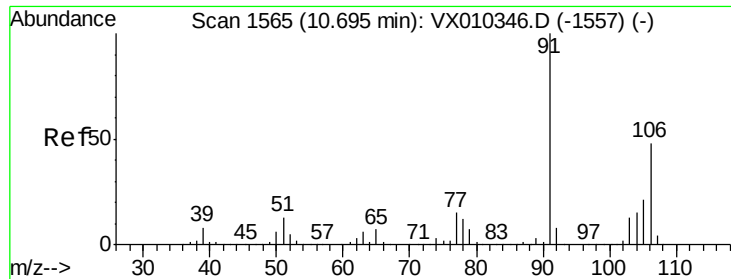
Tot Ion: 91 Resp: 258999
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.2



#68
m/p-Xylenes
Concen: 39.920 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Tgt Ion: 106 Resp: 202946
Ion Ratio Lower Upper
106 100
91 192.3 155.3 232.9

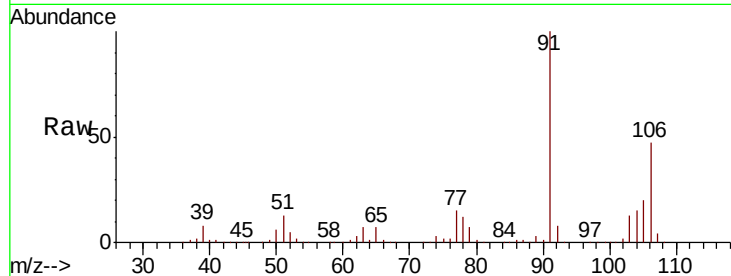




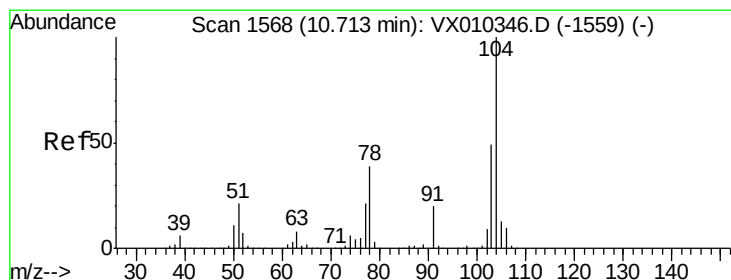
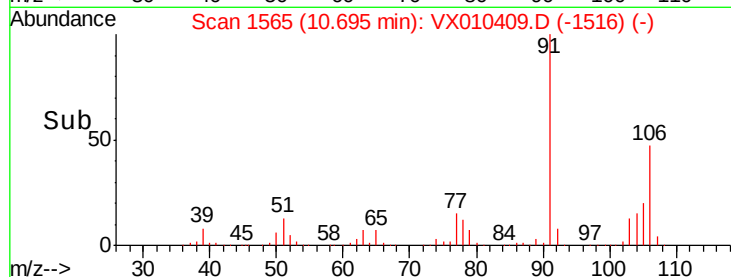
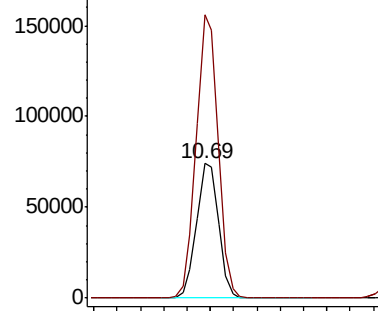
#69
o-Xylene
Concen: 19.531 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Instrument :
MSVOA_X
ClientSampleId :
VX0624WBSD01

Tot Ion:106 Resp: 97643
Ion Ratio Lower Upper
106 100
91 207.7 102.7 308.1

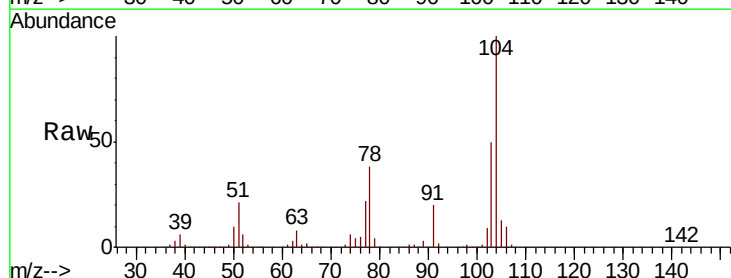


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

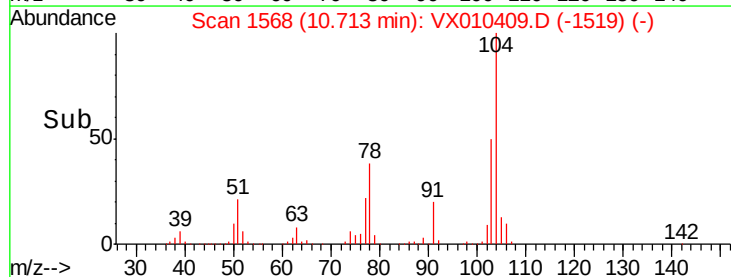
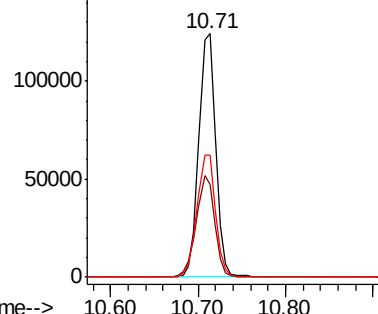


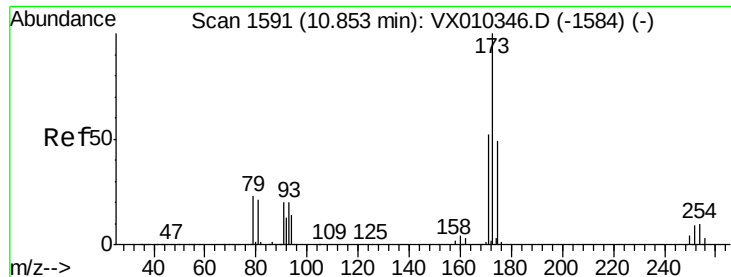
#70
Styrene
Concen: 19.913 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Tgt Ion:104 Resp: 166960
Ion Ratio Lower Upper
104 100
78 45.3 36.2 54.2
103 55.0 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: 19.476 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

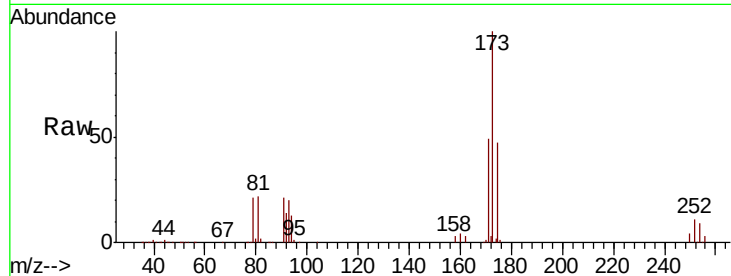
Tot Ion:173 Resp: 47946

Ion Ratio Lower Upper

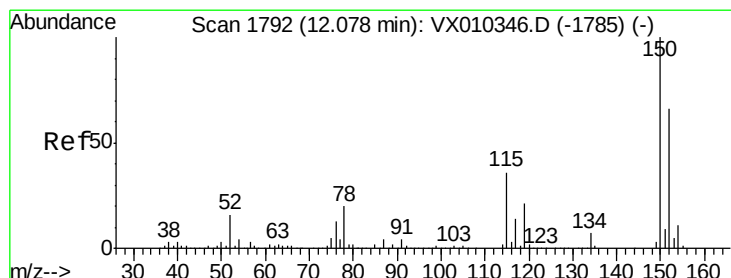
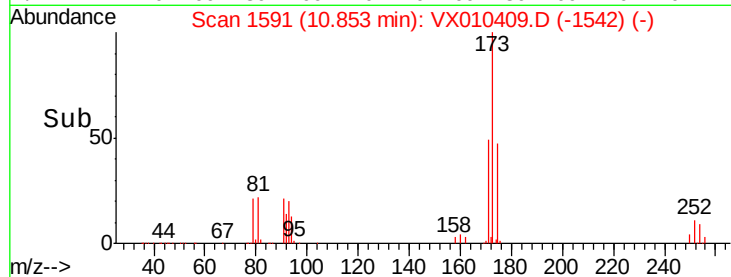
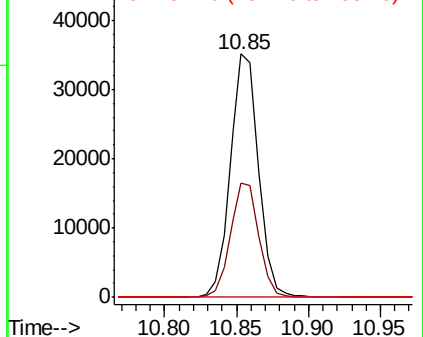
173 100

175 47.4 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: VX010409.D

Acq: 24 Jun 2019 13:41

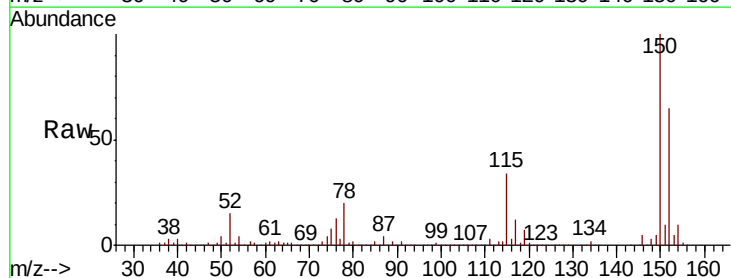
Tgt Ion:152 Resp: 195405

Ion Ratio Lower Upper

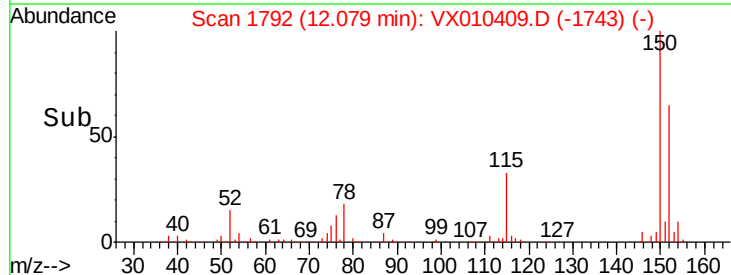
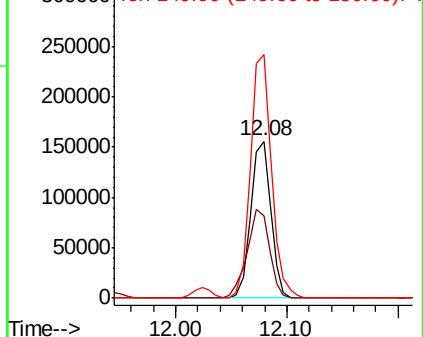
152 100

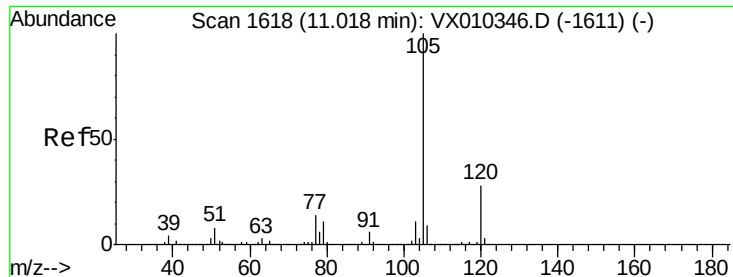
115 63.0 38.6 115.7

150 162.6 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: 19.708 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

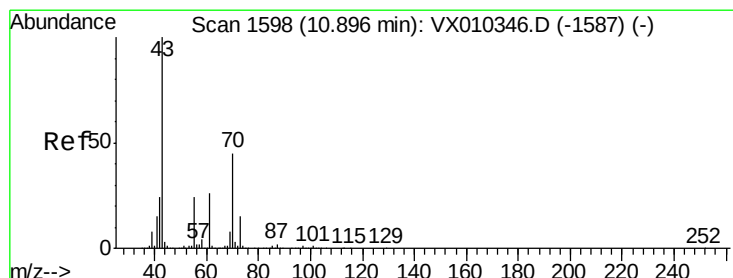
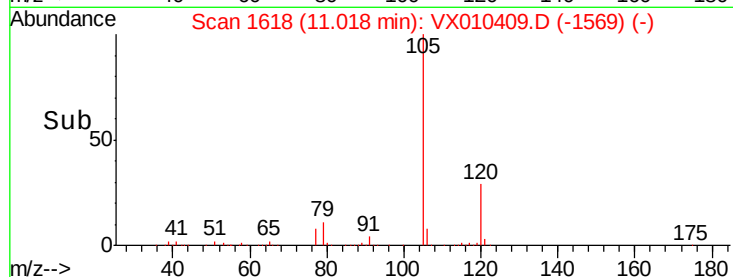
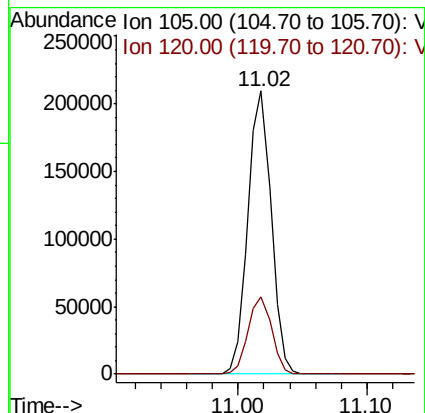
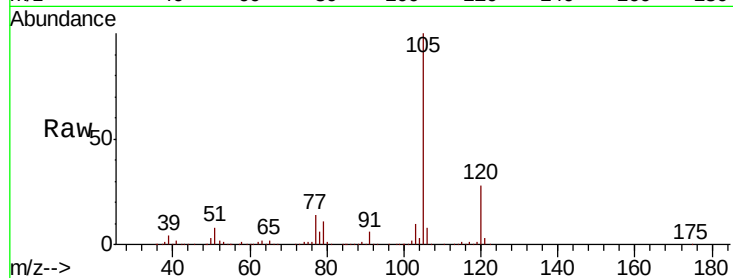
VX0624WBSD01

Tot Ion:105 Resp: 261058

Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4



#74

N-ethyl acetate

Concen: 19.941 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Tgt Ion: 43 Resp: 99822

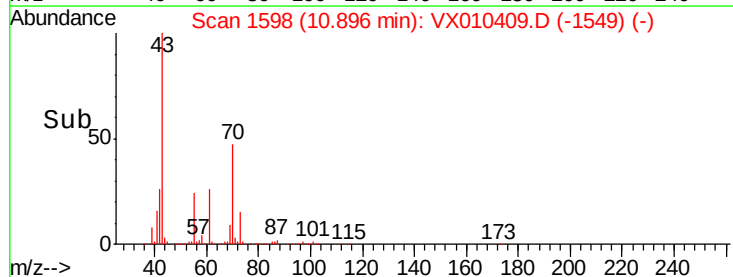
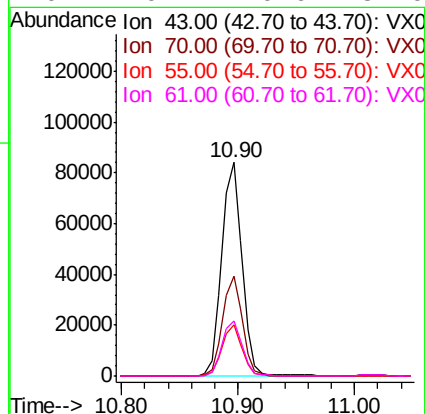
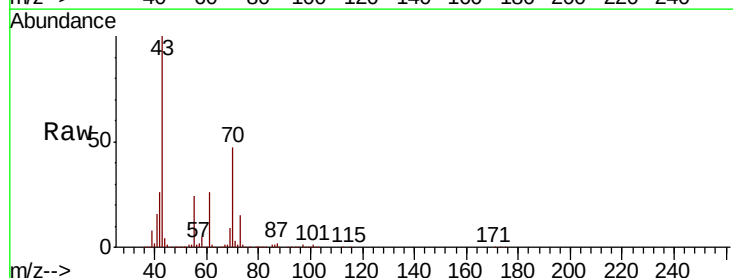
Ion Ratio Lower Upper

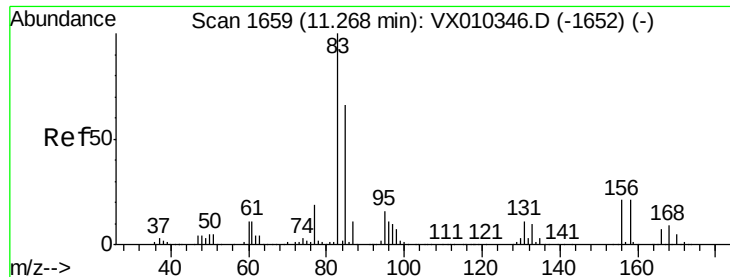
43 100

70 46.3 36.6 54.8

55 23.9 18.7 28.1

61 26.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.762 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

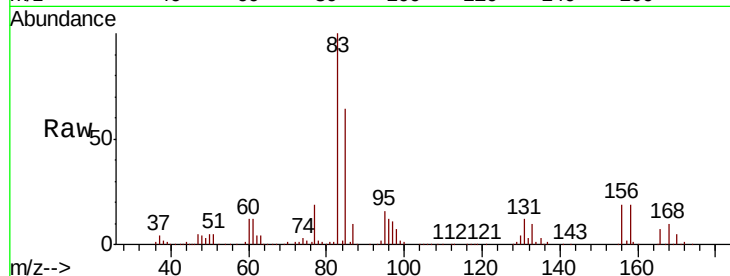
Tot Ion: 83 Resp: 86691

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

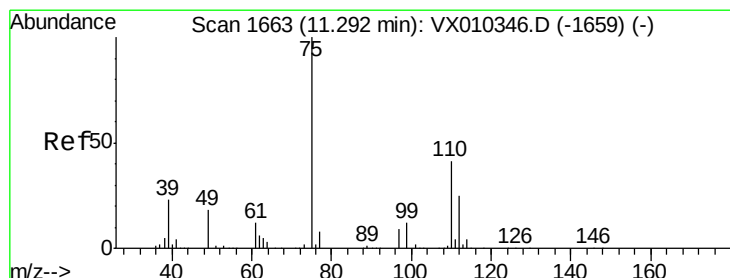
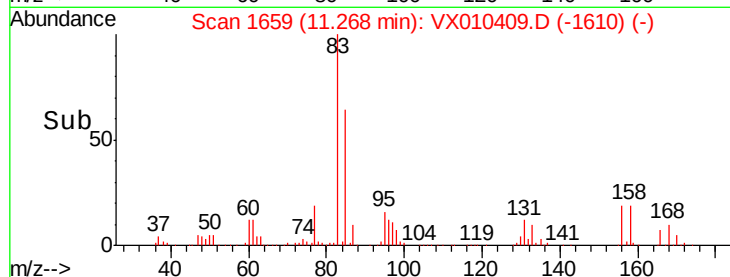
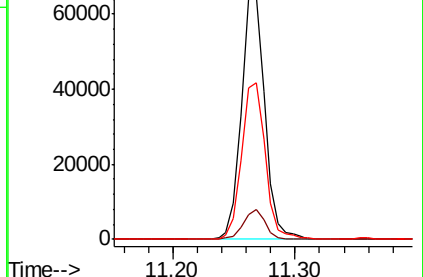
85 64.5 32.3 96.8



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: 26.823 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010409.D

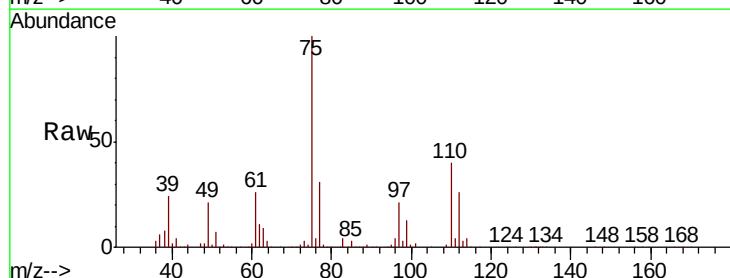
Acq: 24 Jun 2019 13:41

Tgt Ion: 75 Resp: 95512

Ion Ratio Lower Upper

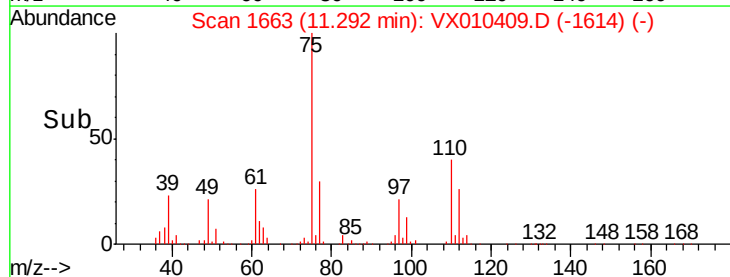
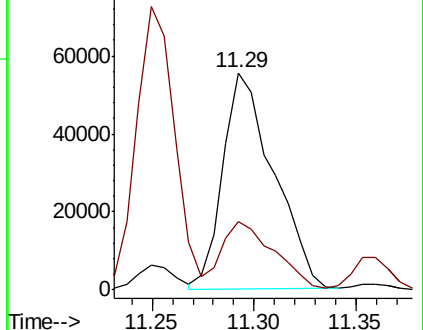
75 100

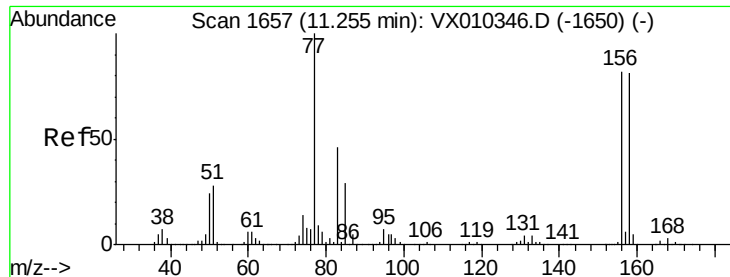
77 32.8 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.450 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

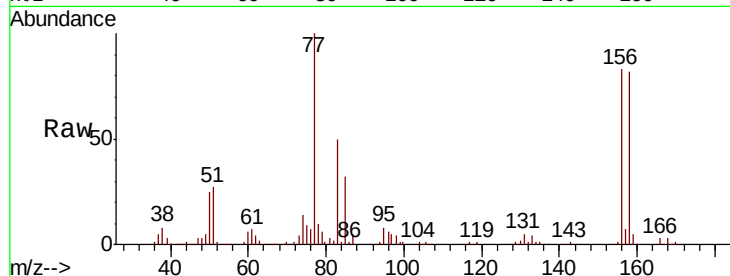
Tot Ion:156 Resp: 71941

Ion Ratio Lower Upper

156 100

77 131.5 66.3 198.7

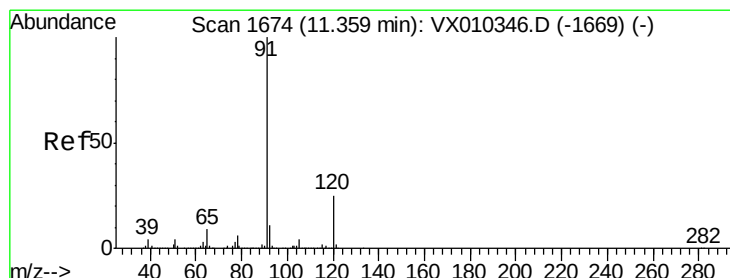
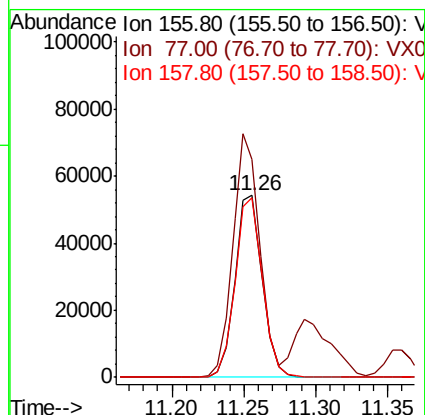
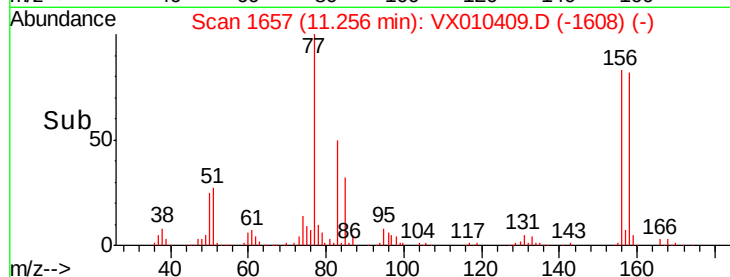
158 98.8 48.9 146.7



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: 19.908 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010409.D

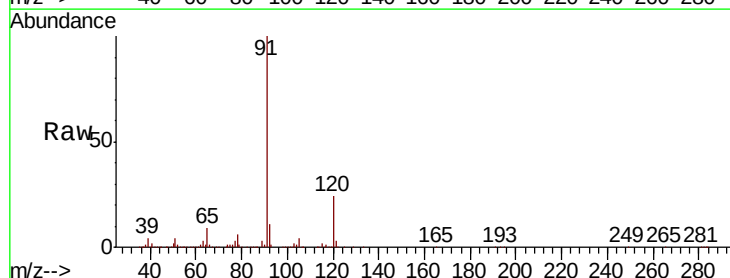
Acq: 24 Jun 2019 13:41

Tgt Ion: 91 Resp: 289823

Ion Ratio Lower Upper

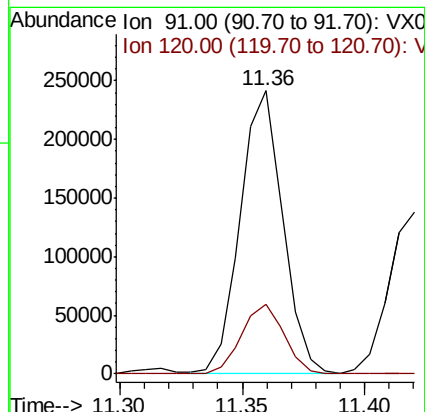
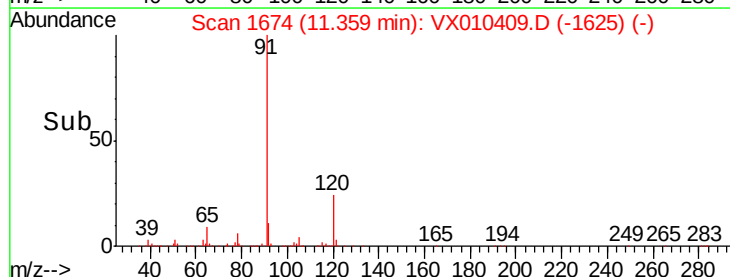
91 100

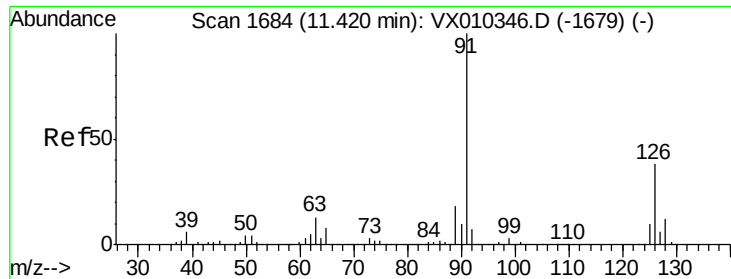
120 24.9 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

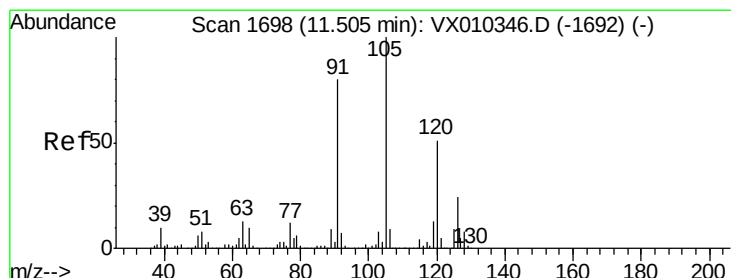
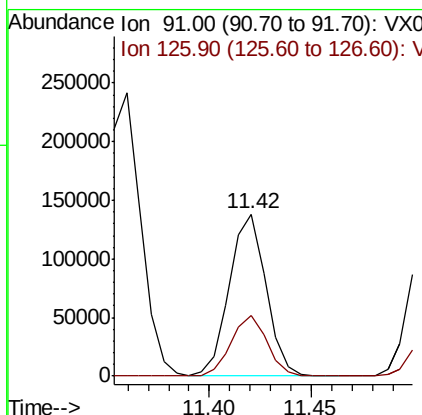
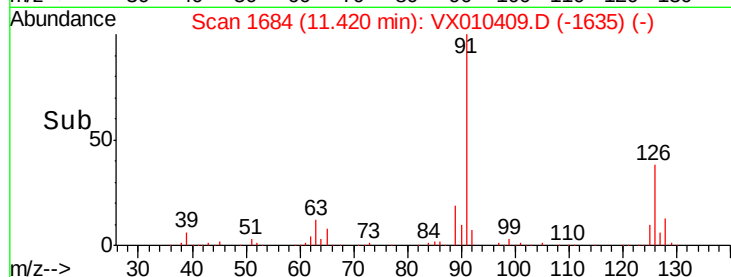
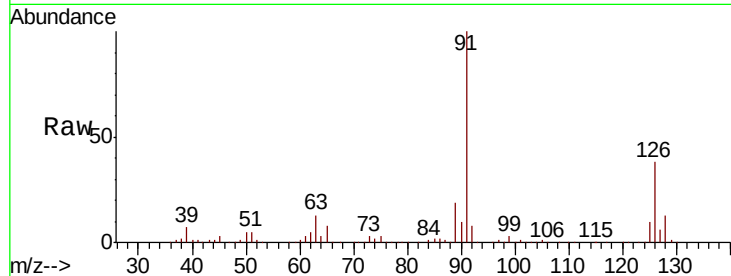




#79
2-Chlorotoluene
Concen: 19.731 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

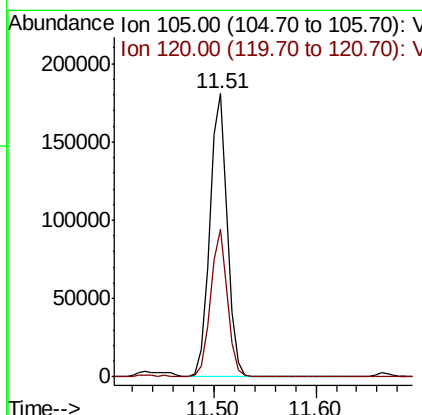
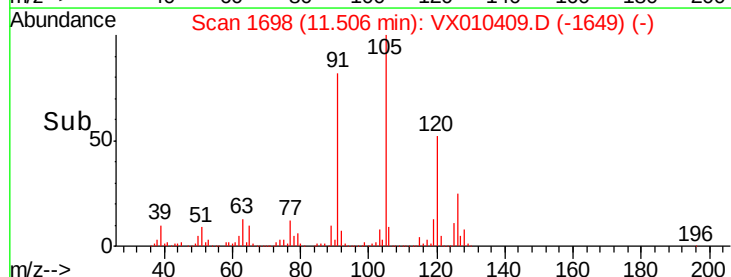
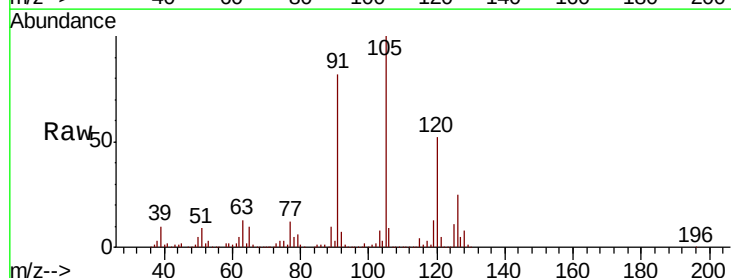
Instrument :
MSVOA_X
ClientSampled :
VX0624WBSD01

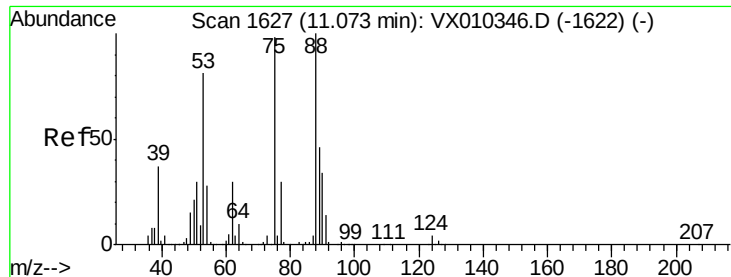
Tot Ion: 91 Resp: 171047
Ion Ratio Lower Upper
91 100
126 37.1 18.7 56.1



#80
1,3,5-Trimethylbenzene
Concen: 19.972 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Tgt Ion: 105 Resp: 218092
Ion Ratio Lower Upper
105 100
120 50.1 25.2 75.6

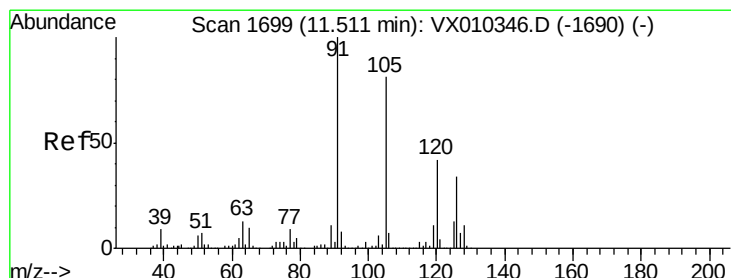
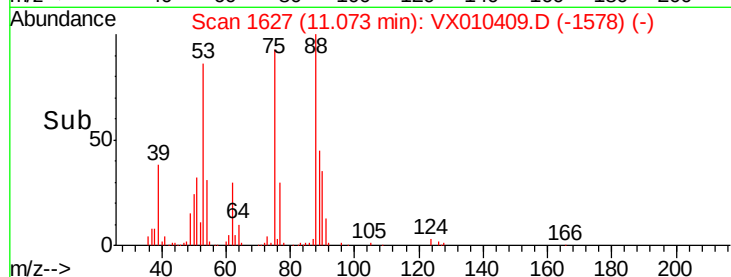
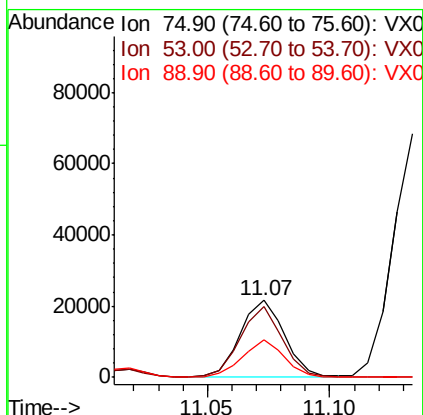
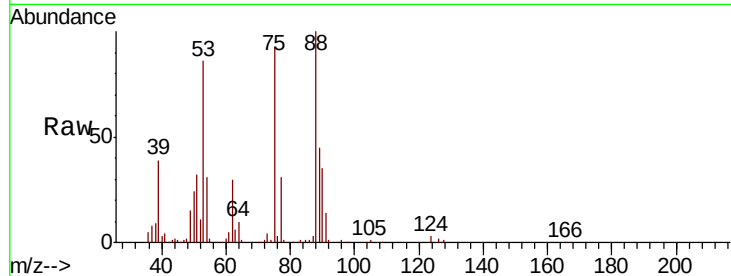




#81
trans-1,4-Dichloro-2-butene
Concen: 17.744 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

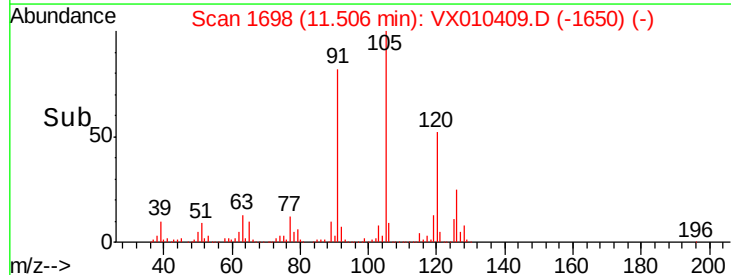
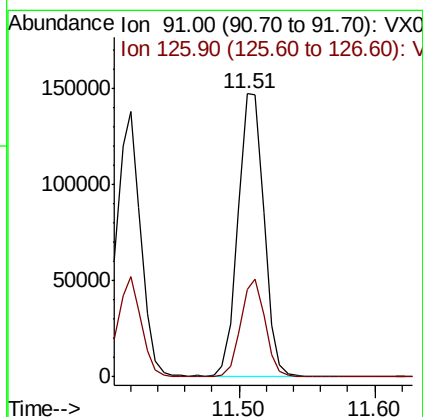
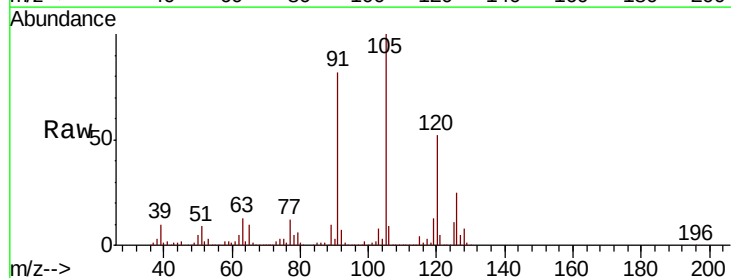
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBSD01

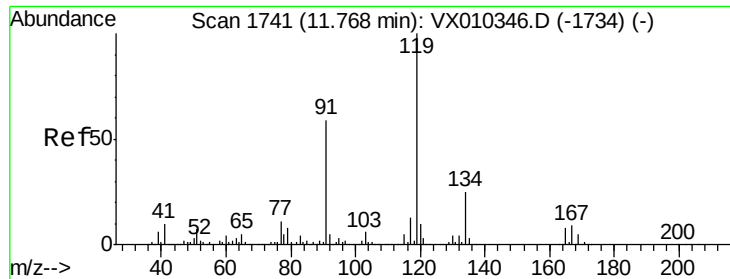
Tot Ion: 75 Resp: 27084
Ion Ratio Lower Upper
75 100
53 87.9 66.1 99.1
89 47.6 37.8 56.6



#82
4-Chlorotoluene
Concen: 19.862 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010409.D
Acq: 24 Jun 2019 13:41

Tgt Ion: 91 Resp: 195926
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6

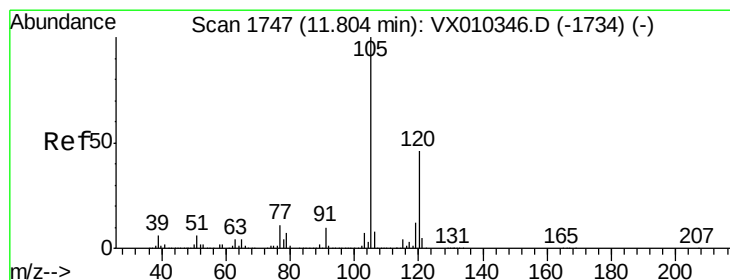
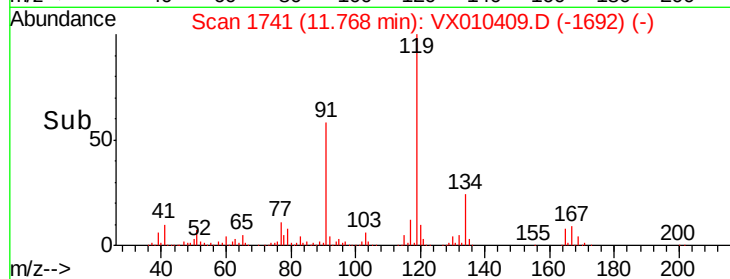
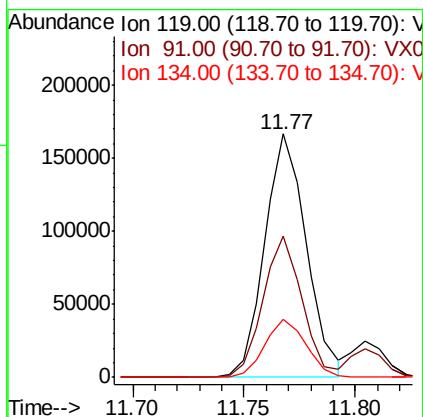
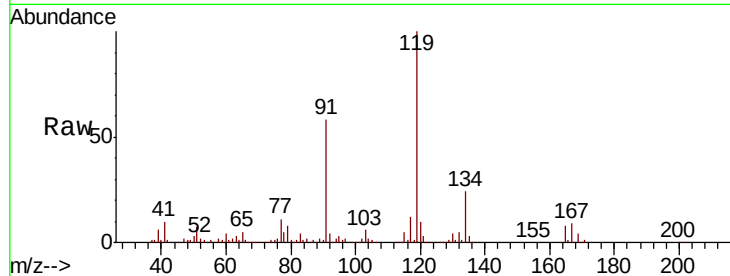




#83
 tert-Butylbenzene
 Concen: 19.725 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

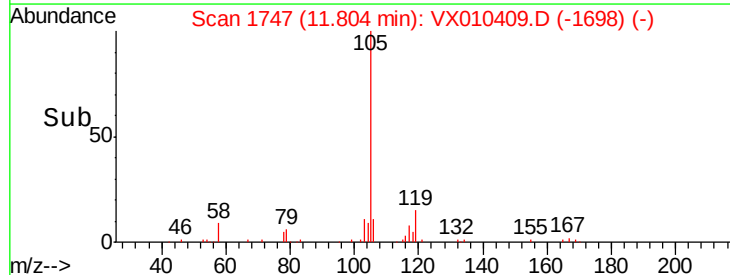
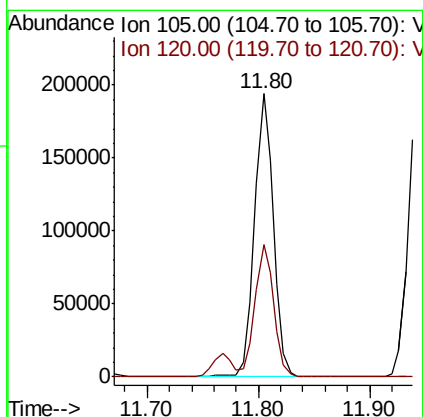
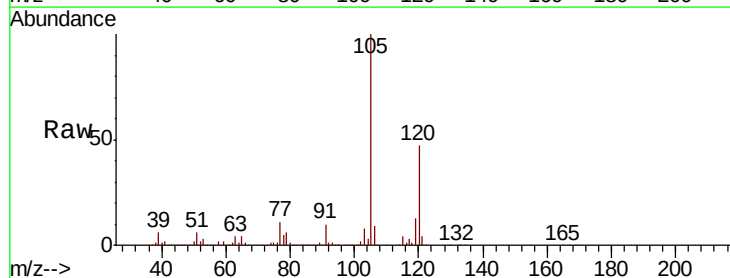
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBSD01

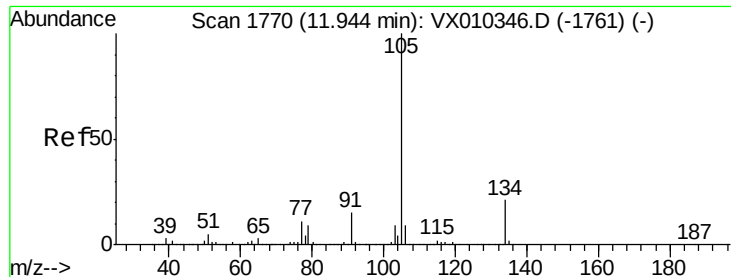
Tot Ion:119 Resp: 216184
 Ion Ratio Lower Upper
 119 100
 91 55.3 27.6 82.7
 134 23.9 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.821 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Tgt Ion:105 Resp: 228427
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.528 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

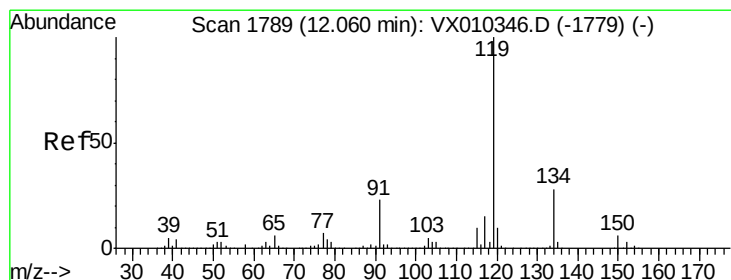
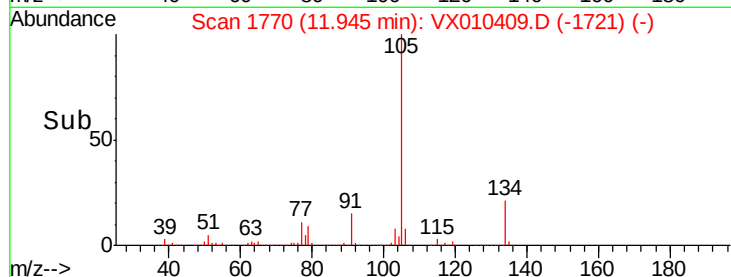
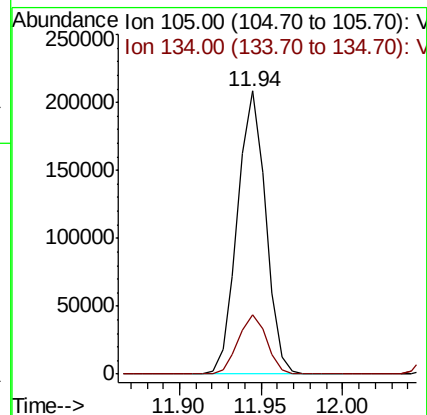
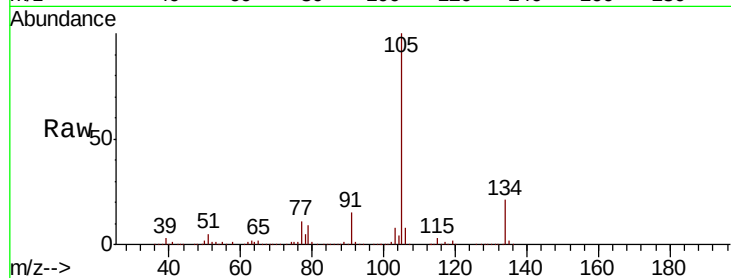
VX0624WBSD01

Tot Ion:105 Resp: 251291

Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9



#86

p-Isopropyltoluene

Concen: 19.492 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

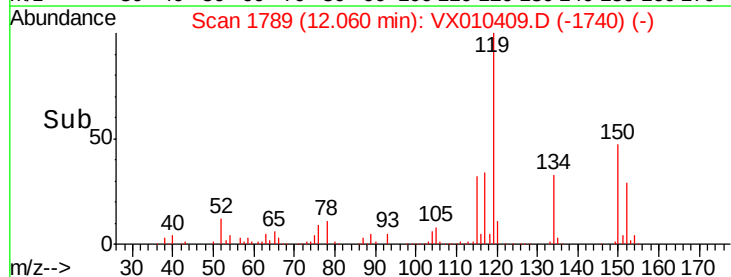
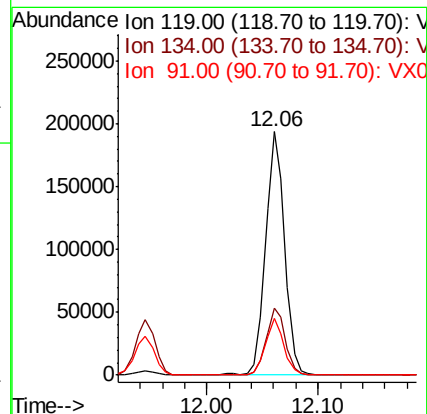
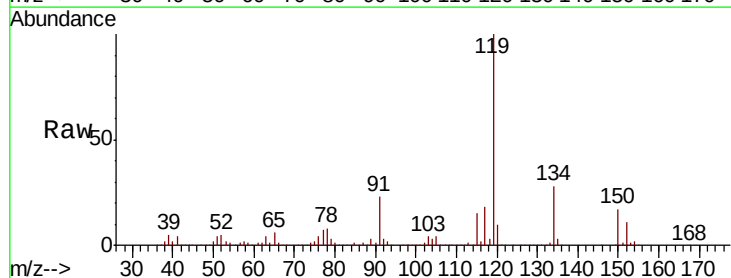
Tgt Ion:119 Resp: 232009

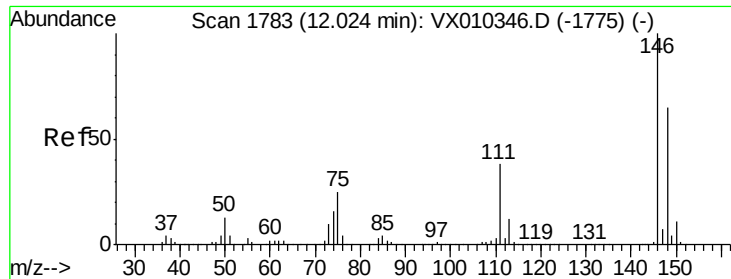
Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

91 22.3 11.3 33.8

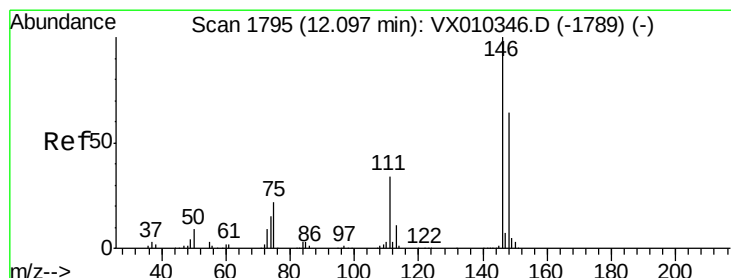
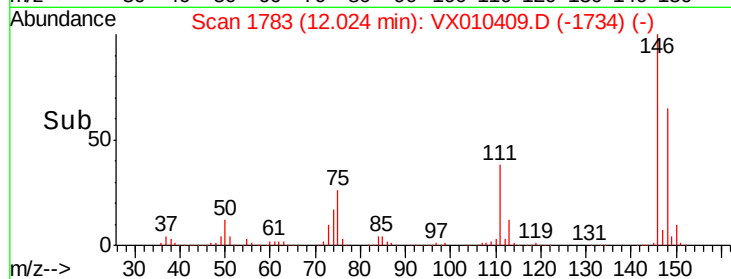
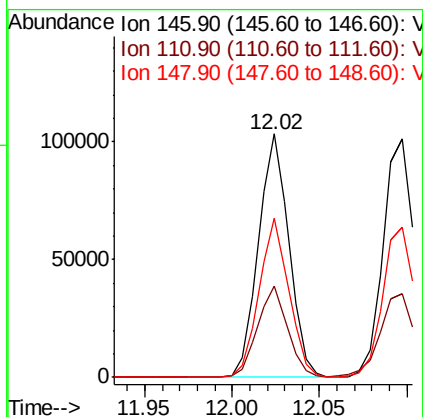
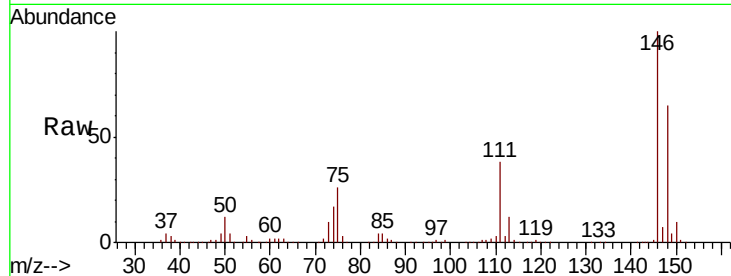




#87
 1,3-Dichlorobenzene
 Concen: 19.395 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

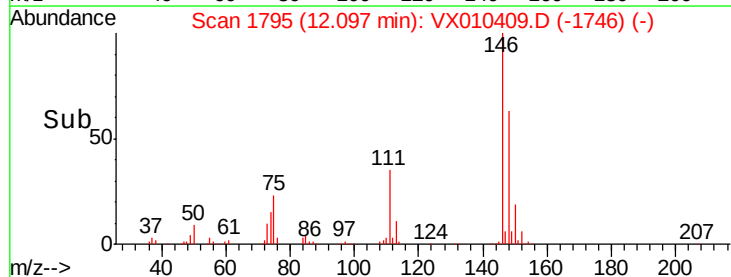
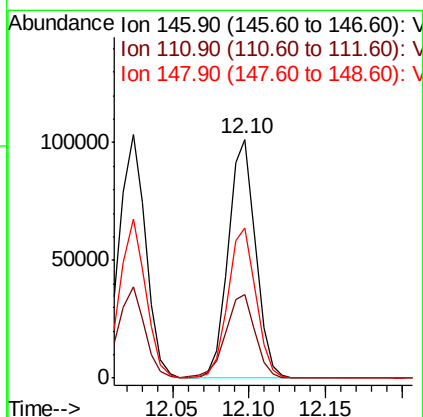
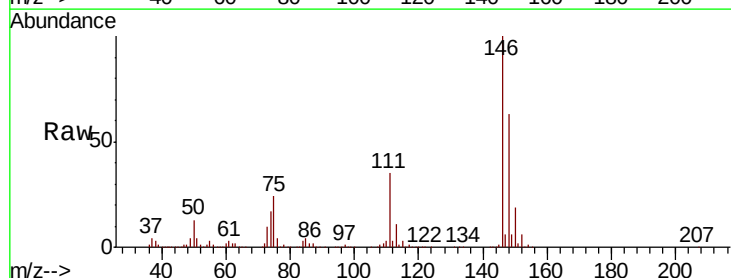
Instrument :
 MSVOA_X
 ClientSampled :
 VX0624WBSD01

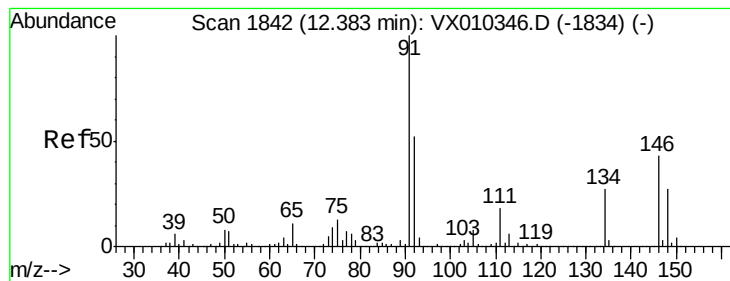
Tot Ion:146 Resp: 125218
 Ion Ratio Lower Upper
 146 100
 111 37.1 19.1 57.1
 148 64.0 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 19.021 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010409.D
 Acq: 24 Jun 2019 13:41

Tgt Ion:146 Resp: 125019
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.1 54.3
 148 64.5 32.1 96.3





#89

n-Butylbenzene

Concen: 19.238 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampled :

VX0624WBSD01

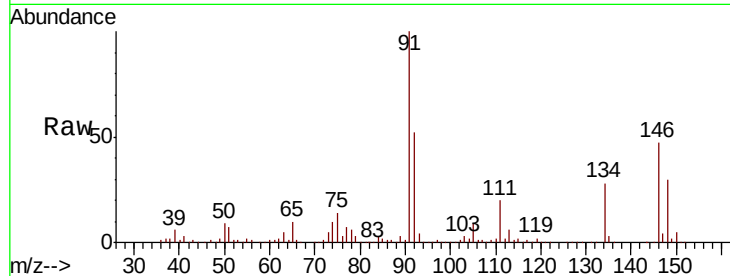
Tot Ion: 91 Resp: 194582

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

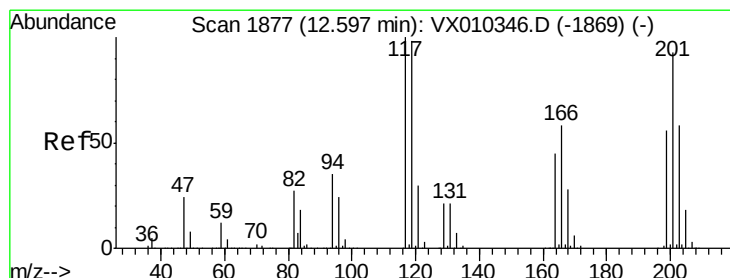
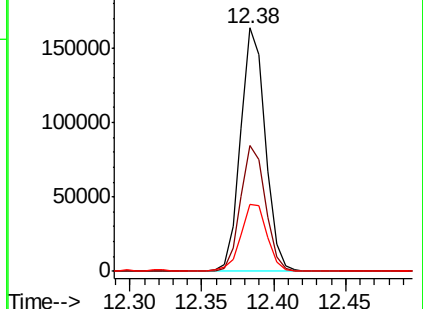
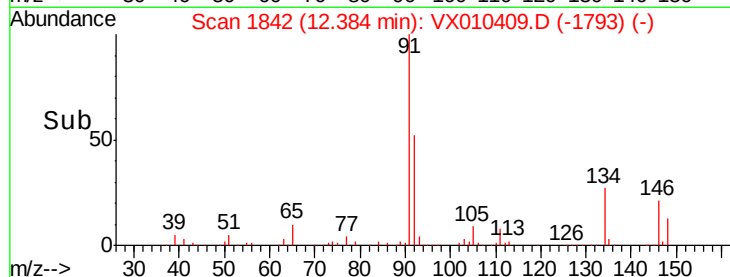
134 29.4 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1834) (-)

Ion 92.00 (91.70 to 92.70): VX010346.D (-1834) (-)

Ion 134.00 (133.70 to 134.70): VX010346.D (-1834) (-)



#90

Hexachloroethane

Concen: 19.560 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX010409.D

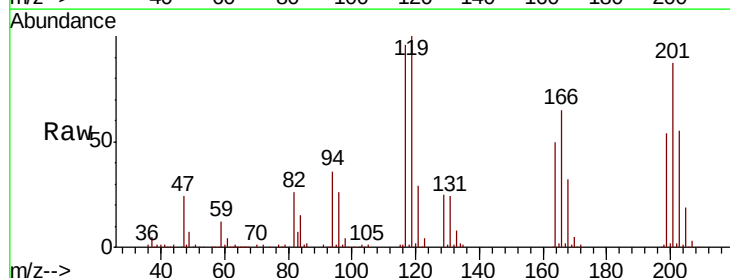
Acq: 24 Jun 2019 13:41

Tgt Ion: 117 Resp: 40259

Ion Ratio Lower Upper

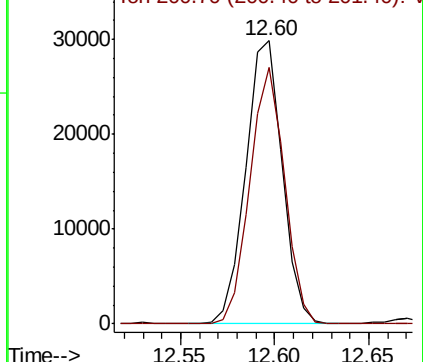
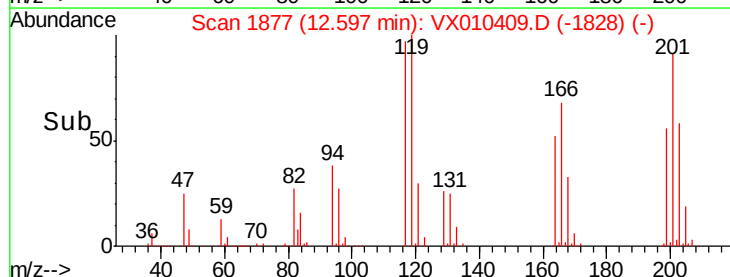
117 100

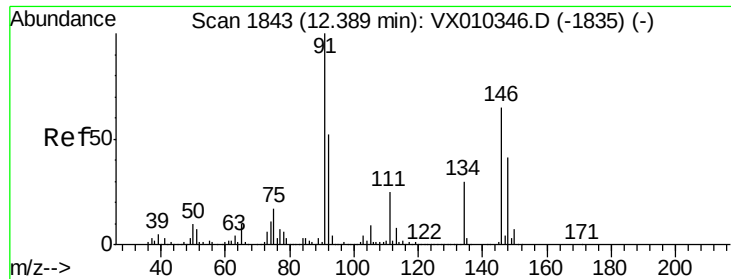
201 85.8 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): VX010346.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX010346.D (-1869) (-)





#91

1,2-Dichlorobenzene

Concen: 19.818 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

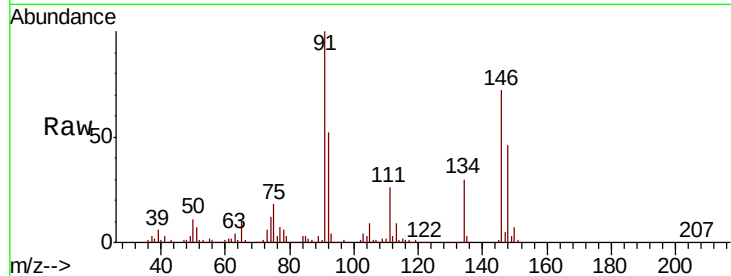
Tot Ion:146 Resp: 127169

Ion Ratio Lower Upper

146 100

111 38.4 19.2 57.6

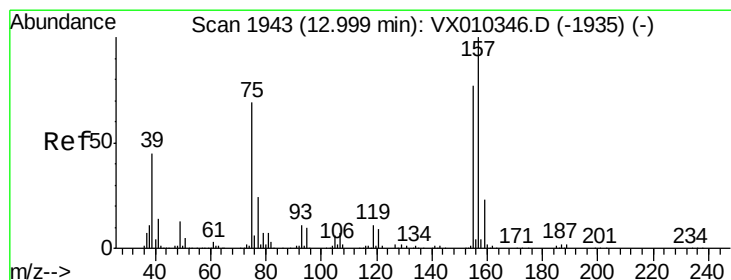
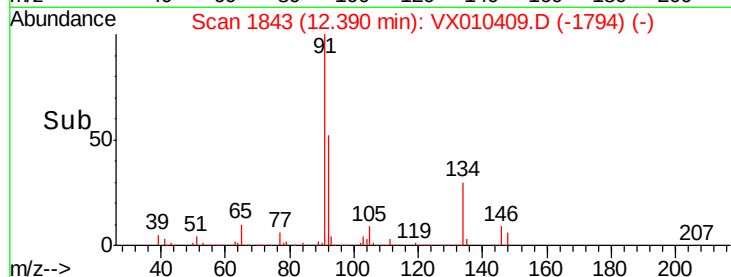
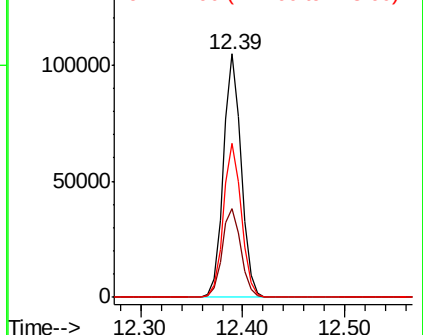
148 63.8 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.484 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

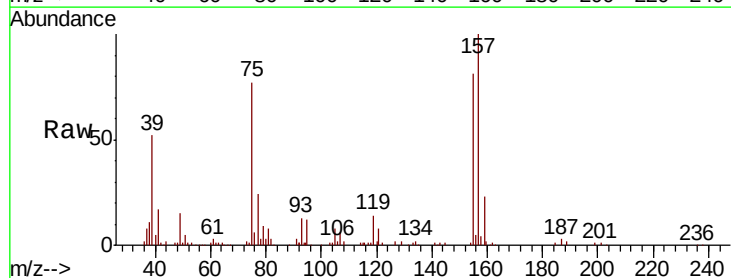
Tgt Ion: 75 Resp: 19374

Ion Ratio Lower Upper

75 100

155 100.2 54.4 163.1

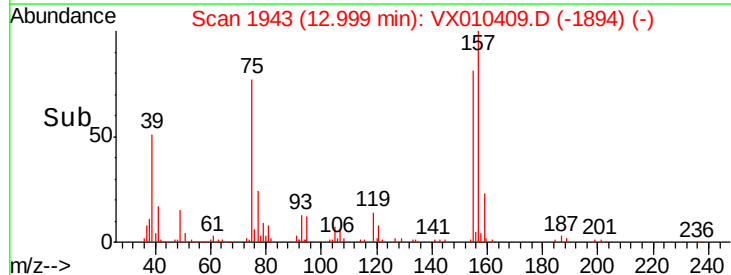
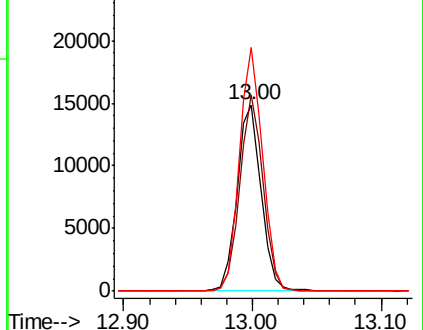
157 124.3 69.5 208.3

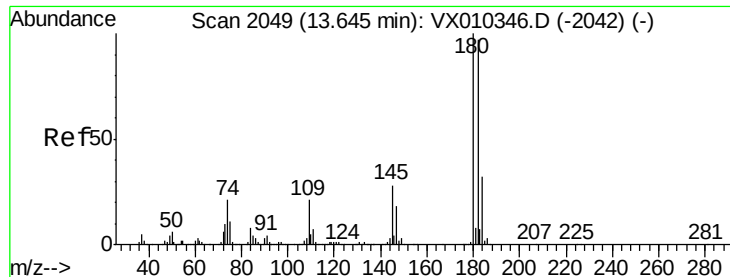


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 19.044 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

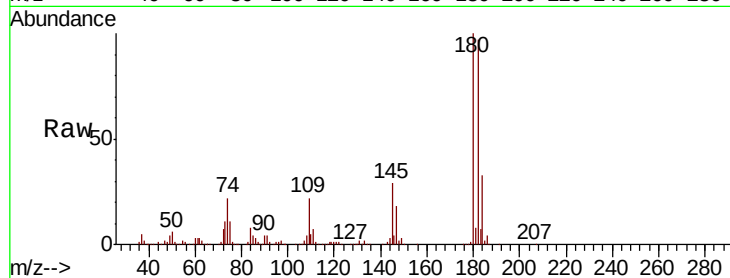
Tot Ion:180 Resp: 84744

Ion Ratio Lower Upper

180 100

182 97.5 48.0 144.0

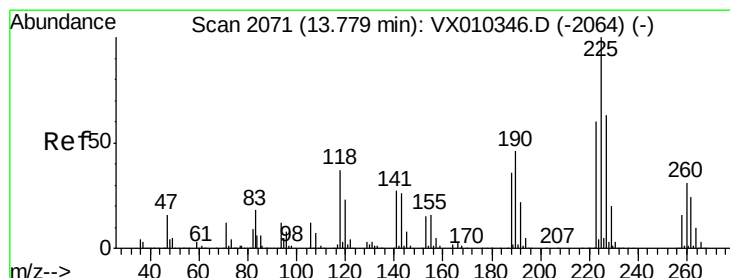
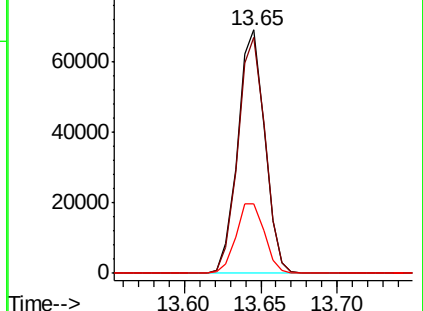
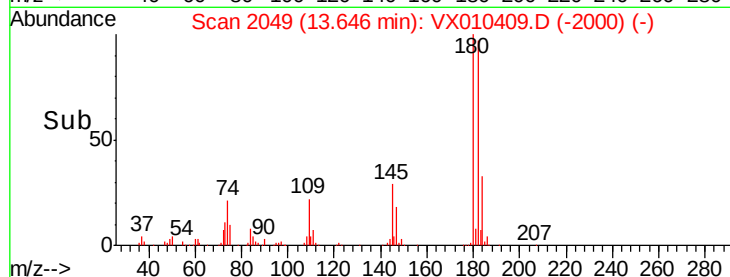
145 30.0 14.4 43.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.789 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

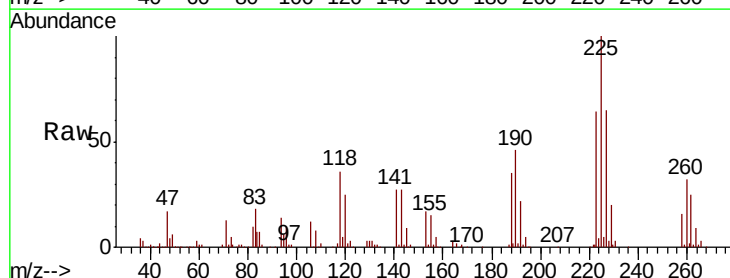
Tgt Ion:225 Resp: 40863

Ion Ratio Lower Upper

225 100

223 63.2 30.9 92.7

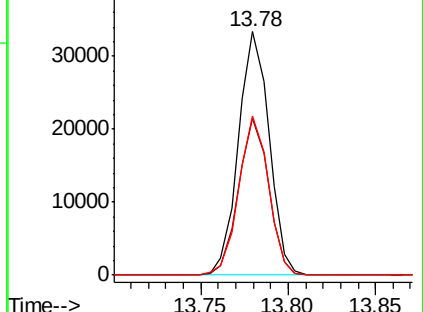
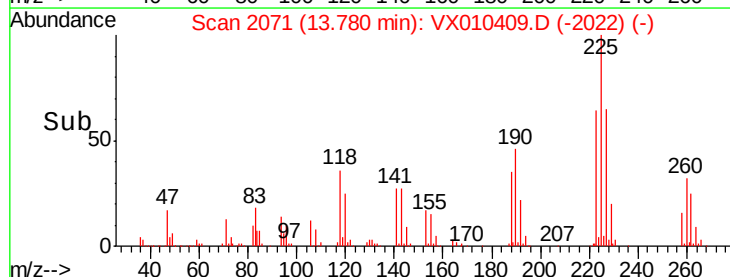
227 63.2 31.9 95.5

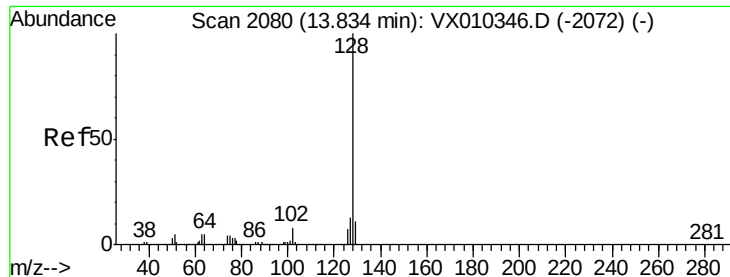


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.364 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBSD01

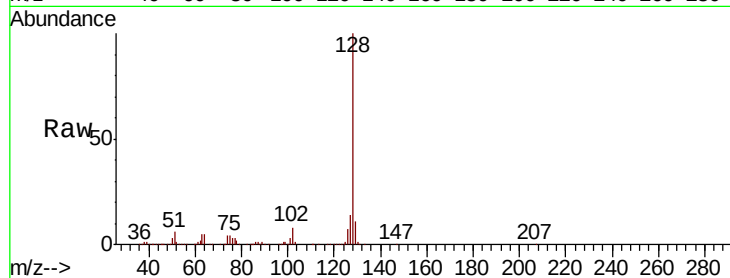
Tot Ion:128 Resp: 278478

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

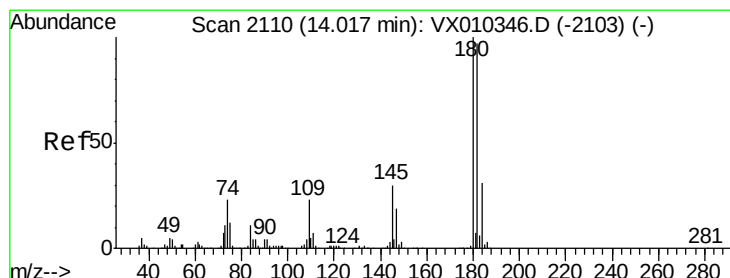
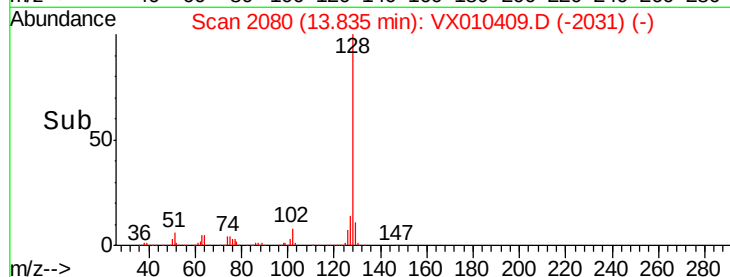
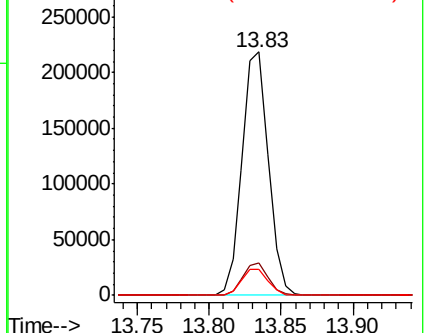
129 10.9 8.9 13.3



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: 20.035 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010409.D

Acq: 24 Jun 2019 13:41

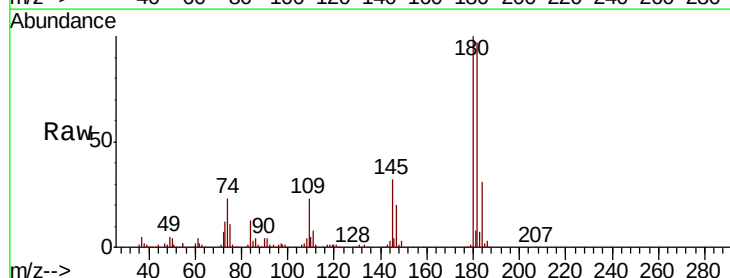
Tgt Ion:180 Resp: 88641

Ion Ratio Lower Upper

180 100

182 94.8 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

