

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082119\
 Data File : VX011741.D
 Acq On : 21 Aug 2019 19:49
 Operator : JC/SP
 Sample : VX0821WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Quant Time: Aug 22 03:41:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	324270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	470100	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	467062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	253630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	155893	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	5.49	113	143736	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
50) Toluene-d8	8.71	98	486057	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.13	95	201128	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	70832	22.223	ug/l	97
3) Chloromethane	1.32	50	59598	18.003	ug/l	99
4) Vinyl Chloride	1.40	62	57266	19.149	ug/l	97
5) Bromomethane	1.63	94	34813	25.980	ug/l	100
6) Chloroethane	1.71	64	32373	22.873	ug/l	96
7) Trichlorofluoromethane	1.92	101	94590	22.836	ug/l	97
8) Diethyl Ether	2.18	74	32809	23.090	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56290	19.675	ug/l	93
10) Methyl Iodide	2.50	142	55512	13.620	ug/l	95
11) Tert butyl alcohol	3.04	59	74110	100.455	ug/l	97
12) 1,1-Dichloroethene	2.37	96	52895	19.131	ug/l	96
13) Acrolein	2.29	56	20959	100.014	ug/l	95
14) Allyl chloride	2.72	41	81621	17.746	ug/l	92
15) Acrylonitrile	3.14	53	169361	100.304	ug/l	100
16) Acetone	2.43	43	148885	98.465	ug/l	98
17) Carbon Disulfide	2.56	76	110860	17.016	ug/l	100
18) Methyl Acetate	2.76	43	96552	20.589	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	188118	20.891	ug/l	94
20) Methylene Chloride	2.85	84	61258	19.295	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	56290	19.212	ug/l	98
22) Diisopropyl ether	3.85	45	178439	19.481	ug/l	93
23) Vinyl Acetate	3.81	43	705342	97.244	ug/l	99
24) 1,1-Dichloroethane	3.69	63	101691	19.636	ug/l	98
25) 2-Butanone	4.67	43	233213	98.244	ug/l	99
26) 2,2-Dichloropropane	4.57	77	70604	18.114	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	68195	19.965	ug/l	97
28) Bromochloromethane	5.01	49	43468	19.120	ug/l	98
29) Tetrahydrofuran	5.12	42	146664	94.187	ug/l	96
30) Chloroform	5.20	83	113514	20.769	ug/l	97
31) Cyclohexane	5.57	56	81450	18.267	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	97326	20.710	ug/l	98
36) 1,1-Dichloropropene	5.80	75	75148	18.697	ug/l	98
37) Ethyl Acetate	4.83	43	84815	18.347	ug/l	98
38) Carbon Tetrachloride	5.78	117	84803	19.151	ug/l	93

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	88698	17.870	ug/l	97
40) Benzene	6.13	78	234639	18.786	ug/l	99
41) Methacrylonitrile	5.03	41	50399	19.808	ug/l	98
42) 1,2-Dichloroethane	6.19	62	91943	21.247	ug/l	99
43) Isopropyl Acetate	6.44	43	132942	18.427	ug/l	98
44) Trichloroethene	7.21	130	69829	18.846	ug/l	98
45) 1,2-Dichloropropane	7.51	63	62358	20.019	ug/l	98
46) Dibromomethane	7.66	93	45639	20.162	ug/l	98
47) Bromodichloromethane	7.90	83	85136	20.484	ug/l	97
48) Methyl methacrylate	7.76	41	70961	19.861	ug/l	95
49) 1,4-Dioxane	7.74	88	38804	408.341	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	494988	104.819	ug/l	100
52) Toluene	8.78	92	163927	20.601	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	85874	19.908	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	95344	20.197	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	73329	21.670	ug/l	95
56) Ethyl methacrylate	9.18	69	103775	21.100	ug/l	99
57) 1,3-Dichloropropane	9.37	76	114787	21.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	251313	102.552	ug/l	100
59) 2-Hexanone	9.49	43	376265	103.323	ug/l	99
60) Dibromochloromethane	9.58	129	73637	20.886	ug/l	99
61) 1,2-Dibromoethane	9.67	107	76944	21.306	ug/l	99
64) Tetrachloroethene	9.34	164	75831	19.788	ug/l	99
65) Chlorobenzene	10.13	112	189447	19.017	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	70618	18.966	ug/l	99
67) Ethyl Benzene	10.25	91	315944	19.003	ug/l	99
68) m/p-Xylenes	10.35	106	246261	38.588	ug/l	100
69) o-Xylene	10.69	106	119923	19.184	ug/l	100
70) Styrene	10.71	104	202953	19.286	ug/l	99
71) Bromoform	10.85	173	57294	18.083	ug/l #	100
73) Isopropylbenzene	11.02	105	322723	19.609	ug/l	99
74) N-amyl acetate	10.90	43	123395	17.643	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	108312	19.131	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	115886	24.096	ug/l	85
77) Bromobenzene	11.25	156	96201	19.647	ug/l	99
78) n-propylbenzene	11.35	91	345140	19.448	ug/l	100
79) 2-Chlorotoluene	11.42	91	213887	19.628	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	272143	19.685	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26546	18.097	ug/l	92
82) 4-Chlorotoluene	11.51	91	245461	19.416	ug/l	99
83) tert-Butylbenzene	11.77	119	269305	19.126	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	271947	19.594	ug/l	99
85) sec-Butylbenzene	11.94	105	307674	19.367	ug/l	100
86) p-Isopropyltoluene	12.06	119	289277	19.356	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	161874	19.233	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161766	18.964	ug/l	99
89) n-Butylbenzene	12.38	91	227167	18.488	ug/l	100
90) Hexachloroethane	12.59	117	43805	18.561	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	164399	19.459	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22739	17.556	ug/l	100

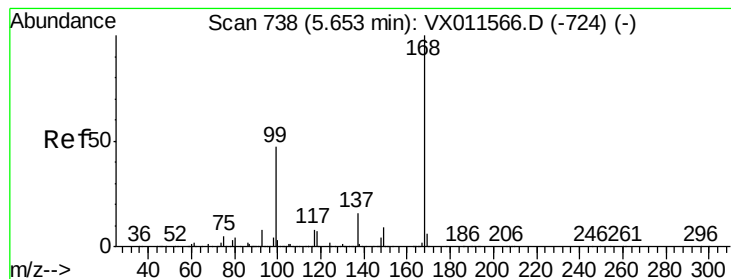
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	113815	18.080	ug/l	99
94) Hexachlorobutadiene	13.78	225	60792	17.735	ug/l	97
95) Naphthalene	13.83	128	344629	19.365	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	121316	19.107	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampled :

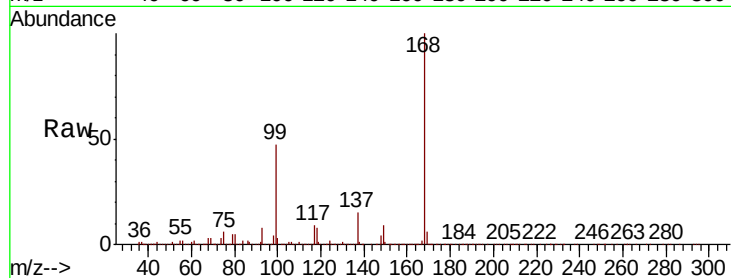
VX0821WBS02

Tgt Ion:168 Resp: 324270

Ion Ratio Lower Upper

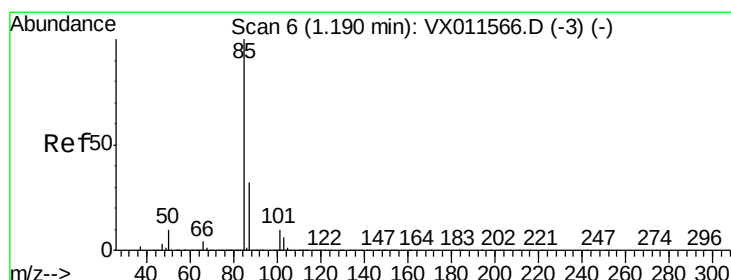
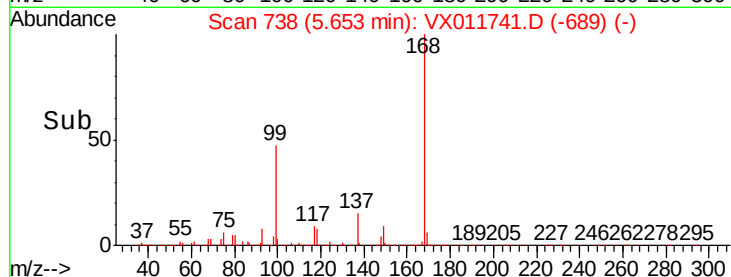
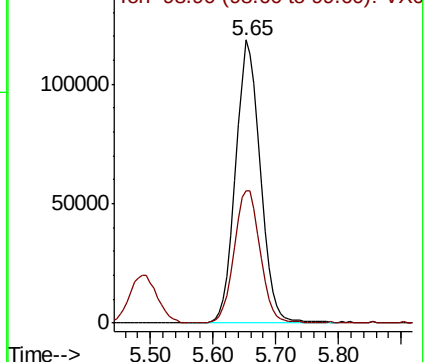
168 100

99 46.5 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.223 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011741.D

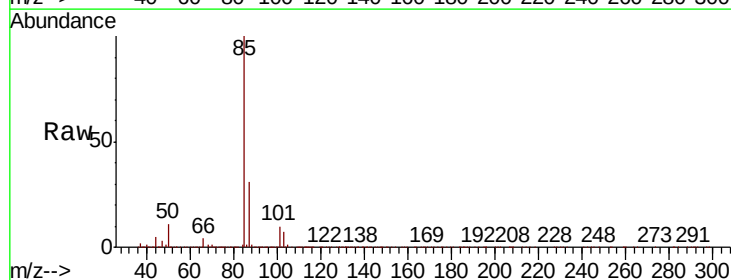
Acq: 21 Aug 2019 19:49

Tgt Ion: 85 Resp: 70832

Ion Ratio Lower Upper

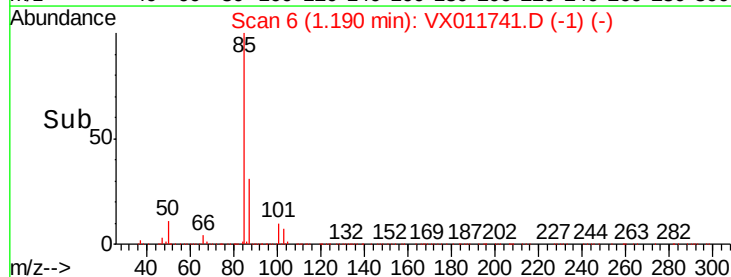
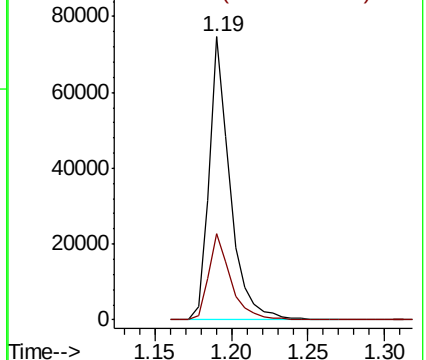
85 100

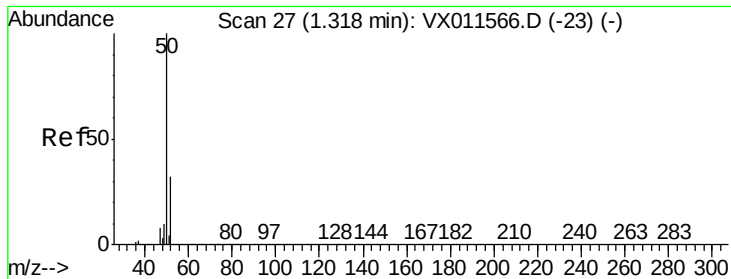
87 30.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.003 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

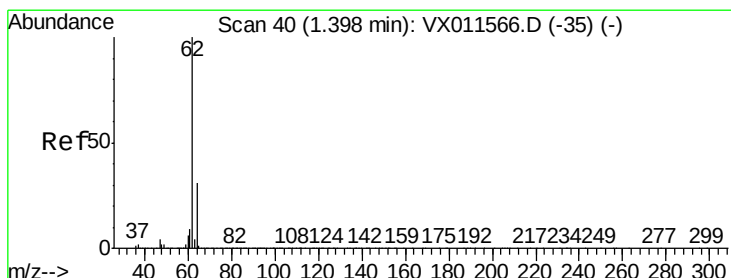
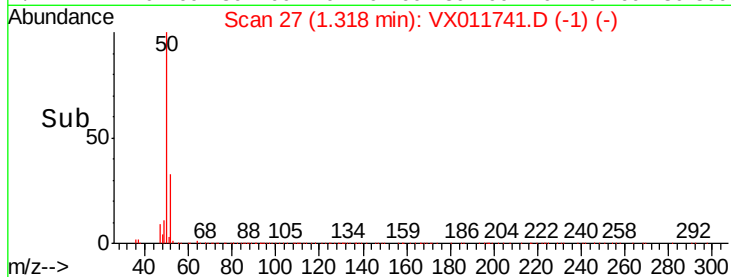
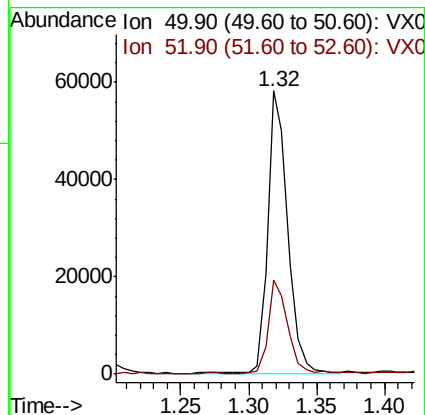
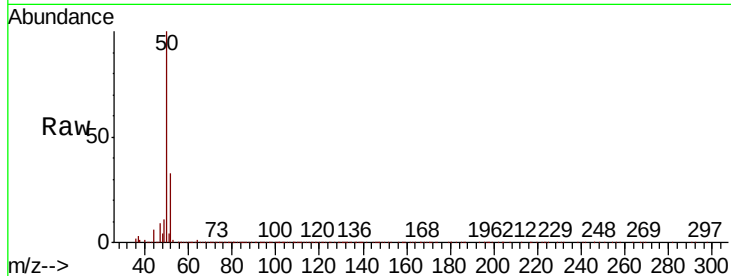
VX0821WBS02

Tgt Ion: 50 Resp: 59598

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 19.149 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011741.D

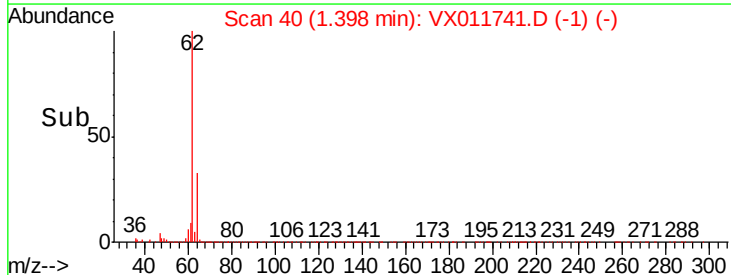
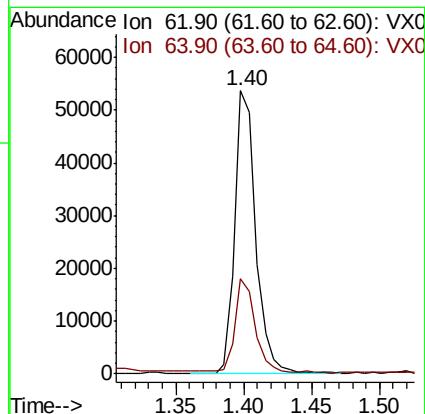
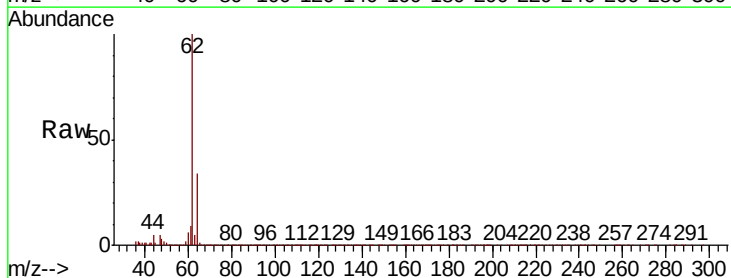
Acq: 21 Aug 2019 19:49

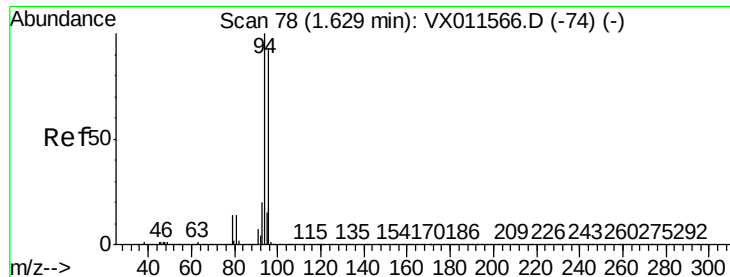
Tgt Ion: 62 Resp: 57266

Ion Ratio Lower Upper

62 100

64 33.0 25.0 37.4





#5

Bromomethane

Concen: 25.980 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

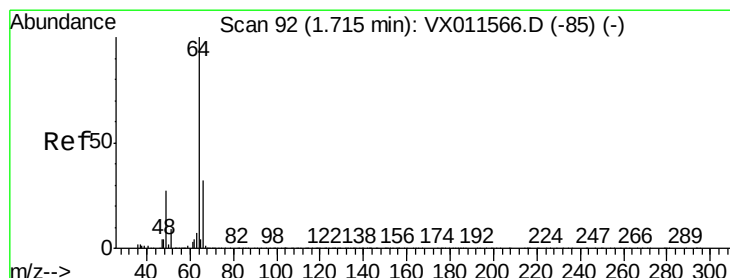
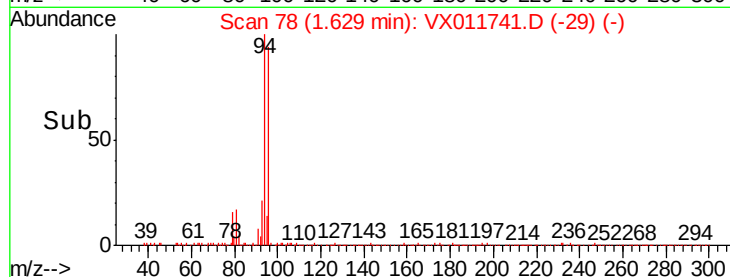
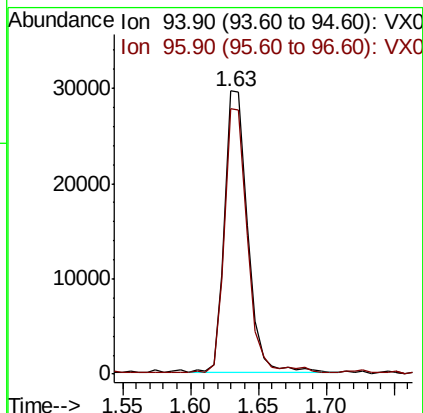
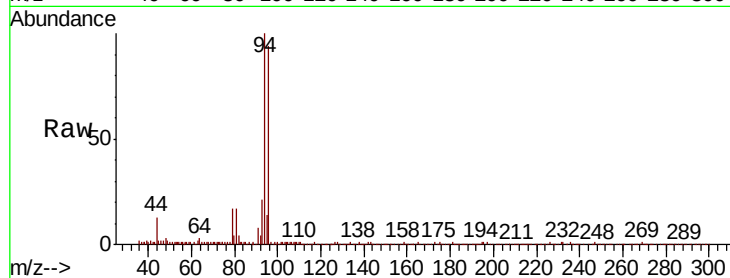
VX0821WBS02

Tgt Ion: 94 Resp: 34813

Ion Ratio Lower Upper

94 100

96 93.8 74.8 112.2



#6

Chloroethane

Concen: 22.873 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011741.D

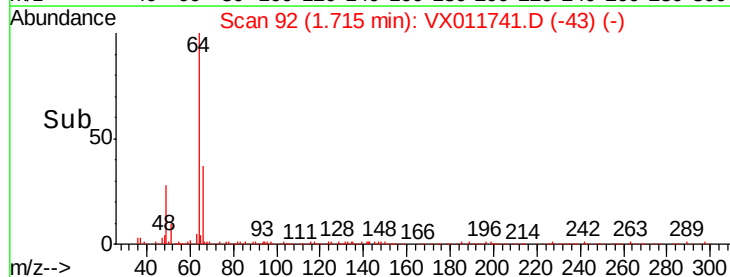
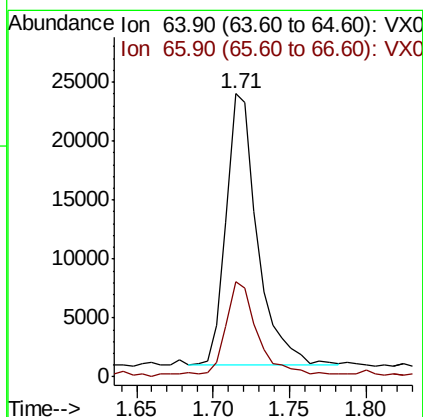
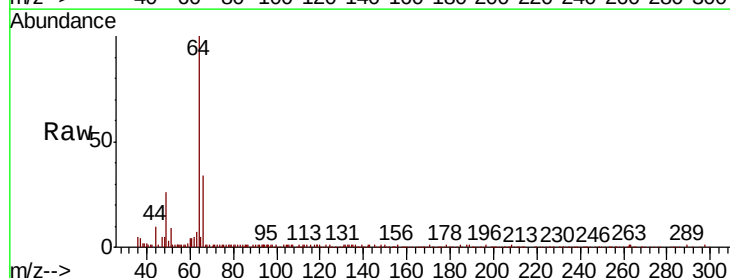
Acq: 21 Aug 2019 19:49

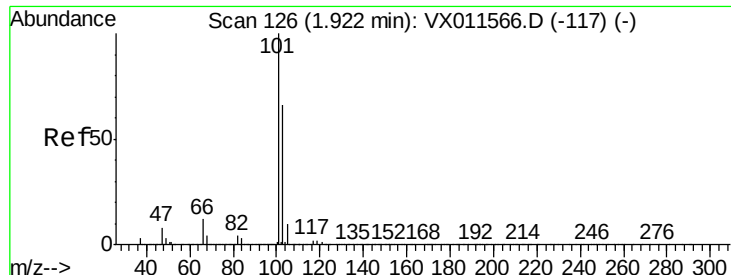
Tgt Ion: 64 Resp: 32373

Ion Ratio Lower Upper

64 100

66 34.1 25.3 37.9



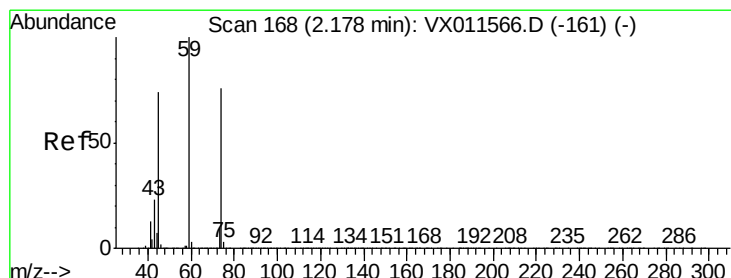
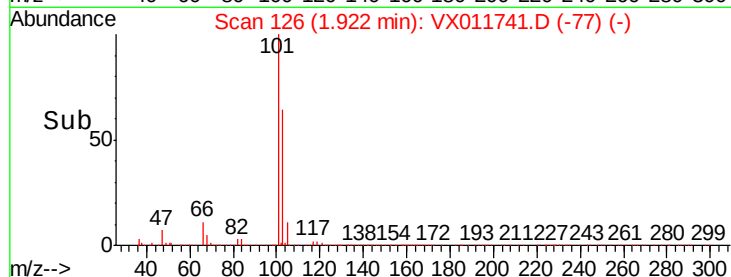
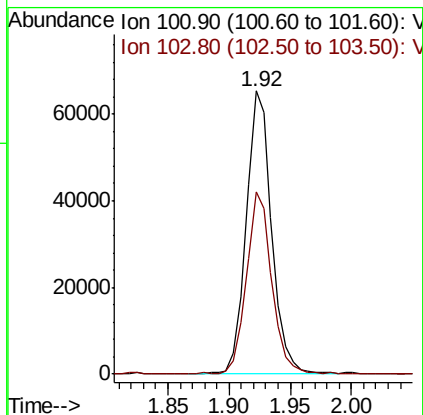
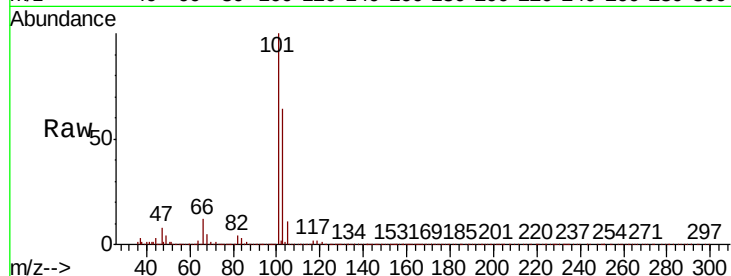


#7

Trichlorofluoromethane
Concen: 22.836 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

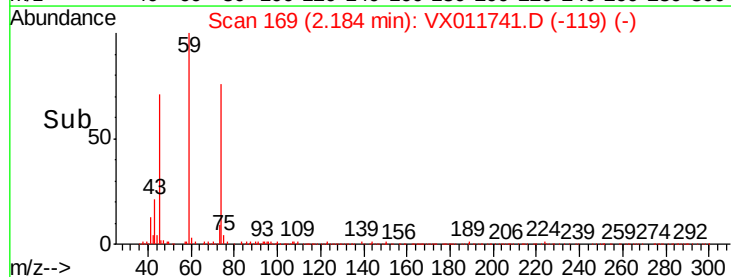
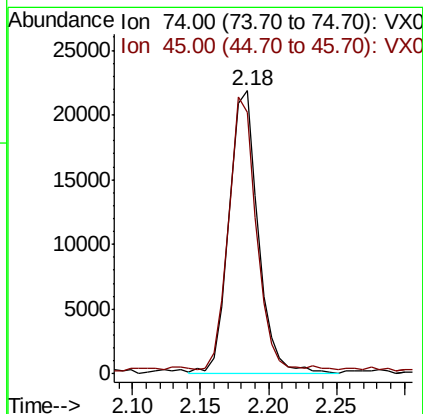
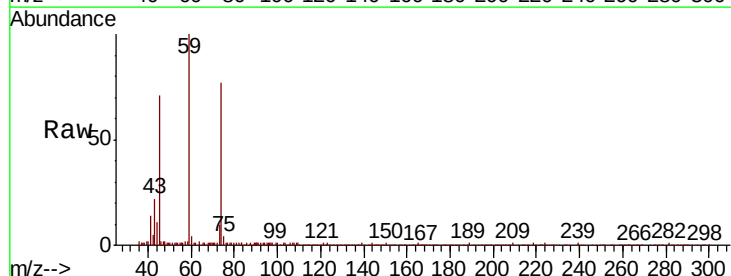
Tgt Ion:101 Resp: 94590
Ion Ratio Lower Upper
101 100
103 64.0 52.9 79.3

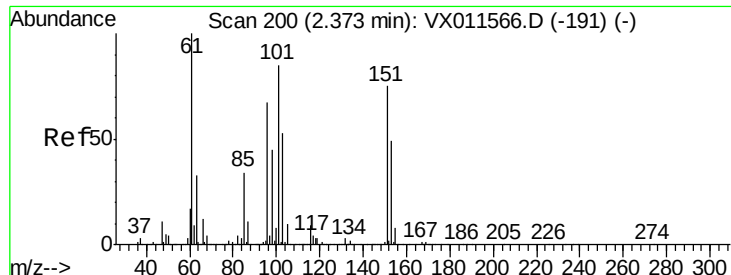


#8

Diethyl Ether
Concen: 23.090 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion: 74 Resp: 32809
Ion Ratio Lower Upper
74 100
45 89.9 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.675 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

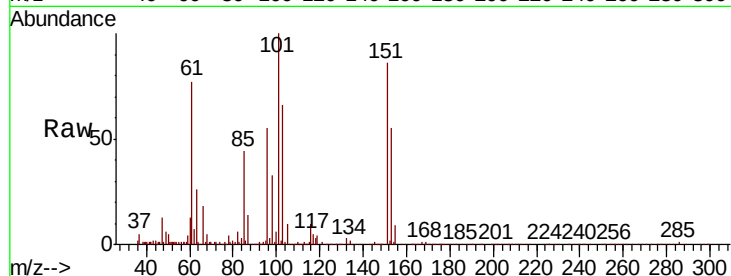
Tgt Ion:101 Resp: 56290

Ion Ratio Lower Upper

101 100

85 45.0 33.0 49.4

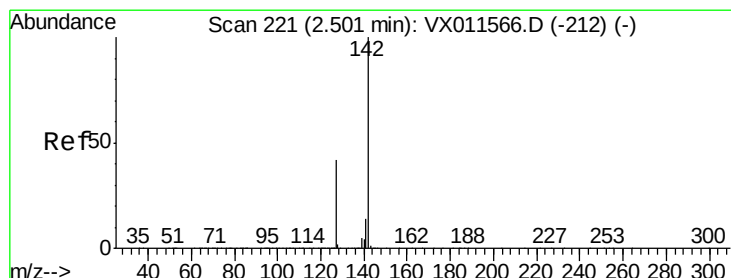
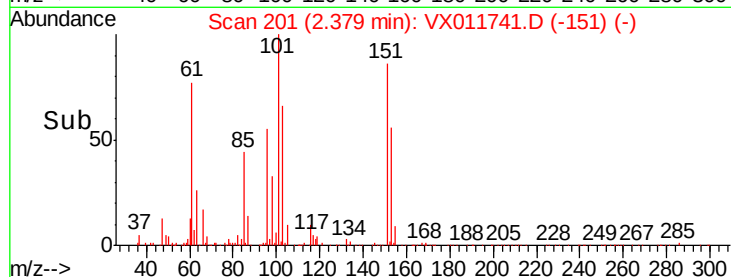
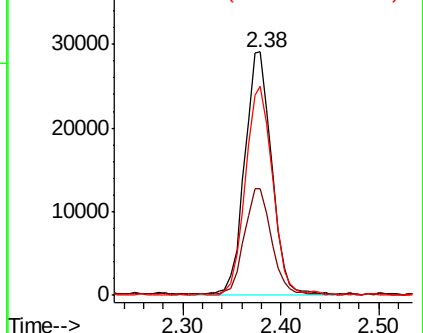
151 84.9 73.3 109.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.620 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

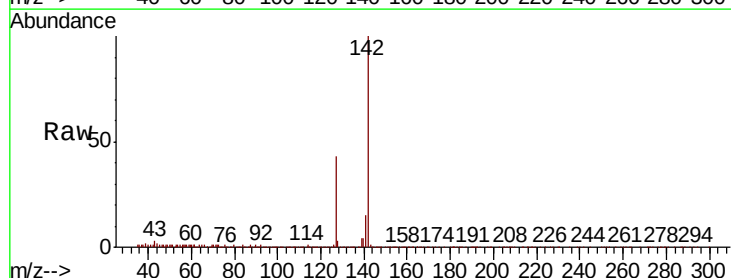
Tgt Ion:142 Resp: 55512

Ion Ratio Lower Upper

142 100

127 44.9 32.8 49.2

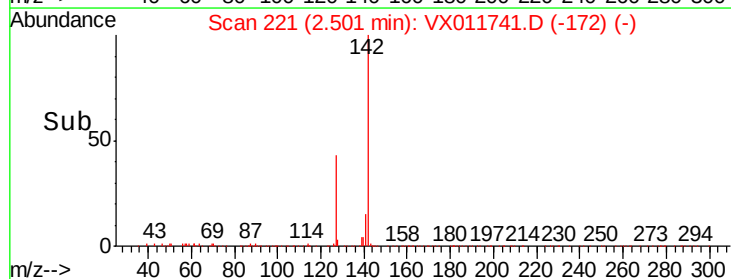
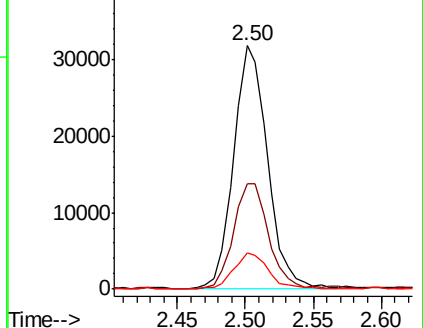
141 15.5 11.4 17.2

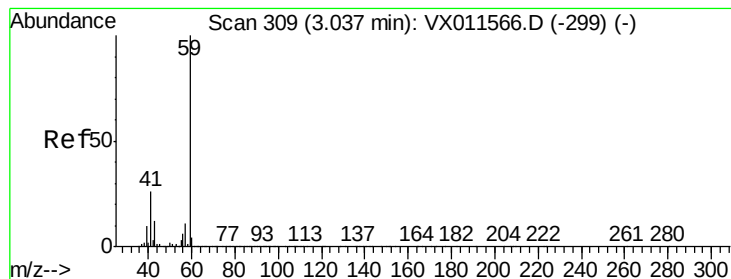


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 100.455 ug/l

RT: 3.04 min Scan# 309

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

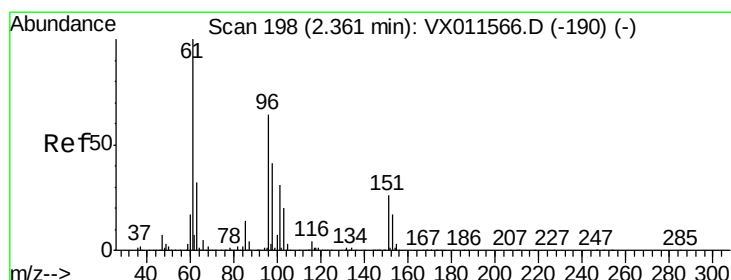
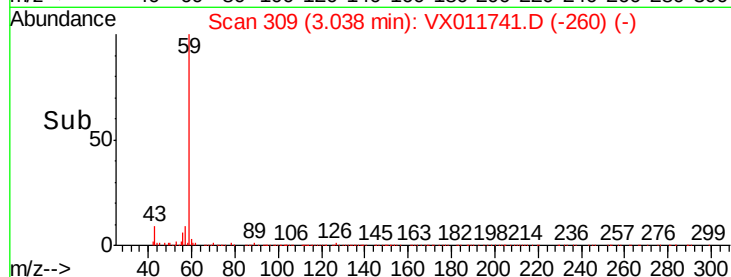
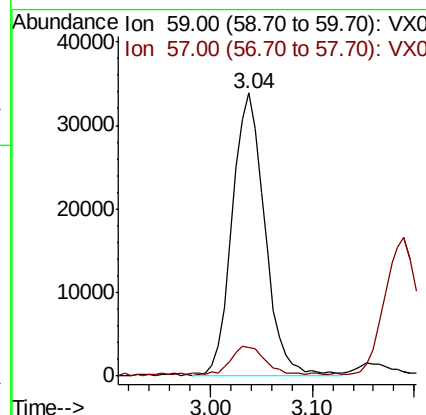
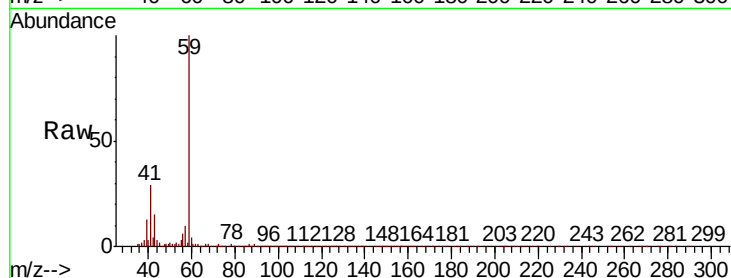
VX0821WBS02

Tgt Ion: 59 Resp: 74110

Ion Ratio Lower Upper

59 100

57 9.9 8.7 13.1



#12

1,1-Dichloroethene

Concen: 19.131 ug/l

RT: 2.37 min Scan# 199

Delta R.T. 0.01 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

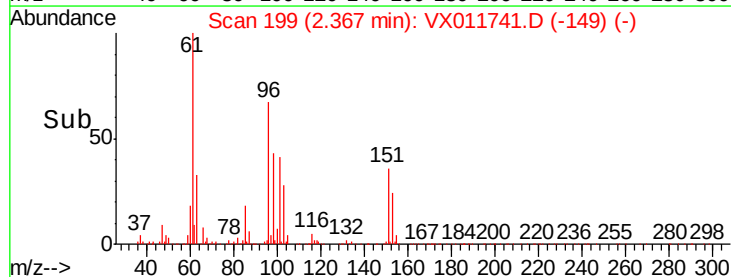
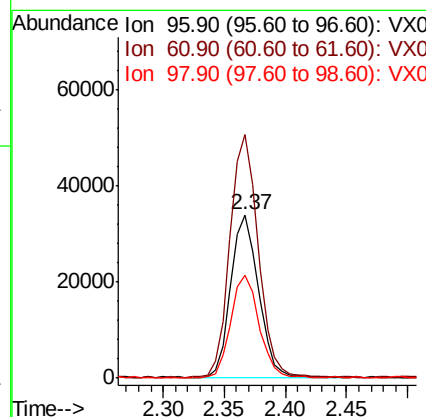
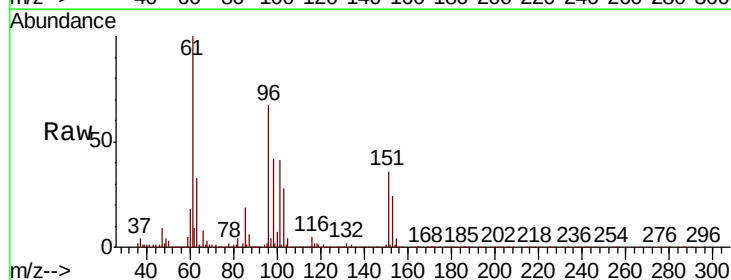
Tgt Ion: 96 Resp: 52895

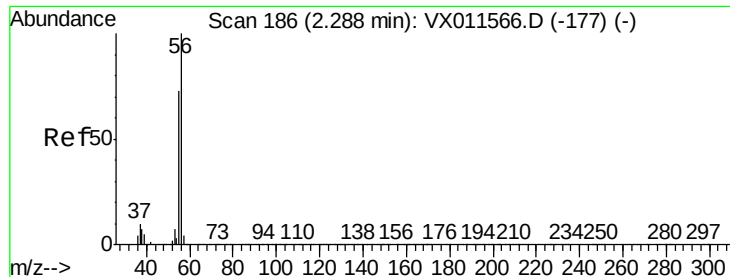
Ion Ratio Lower Upper

96 100

61 149.1 125.0 187.4

98 63.2 51.5 77.3

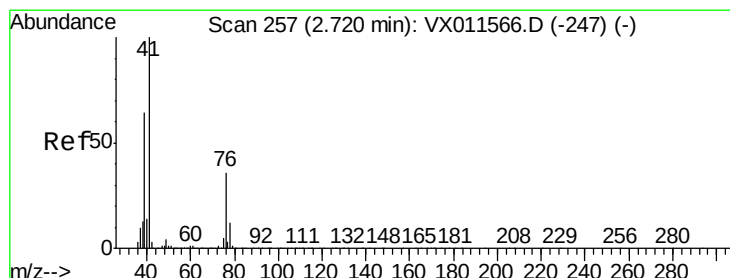
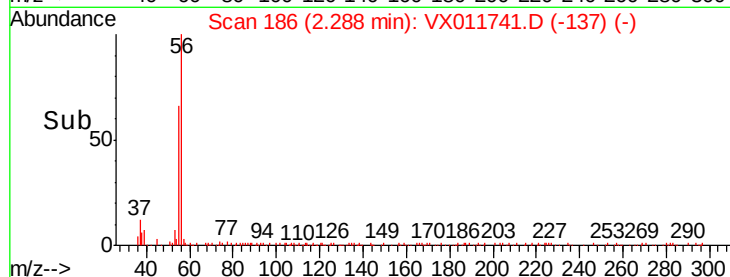
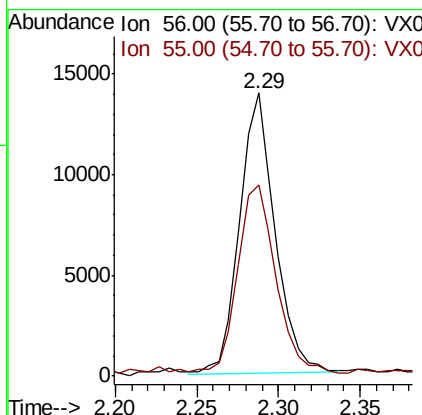
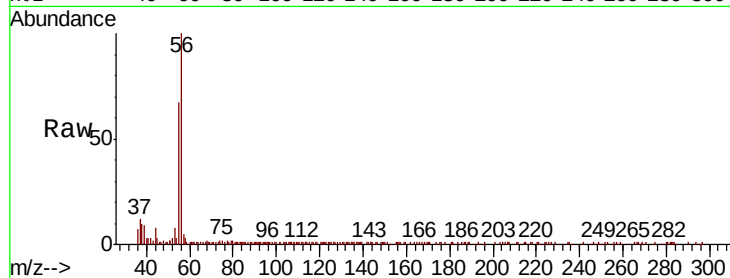




#13
Acrolein
Concen: 100.014 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

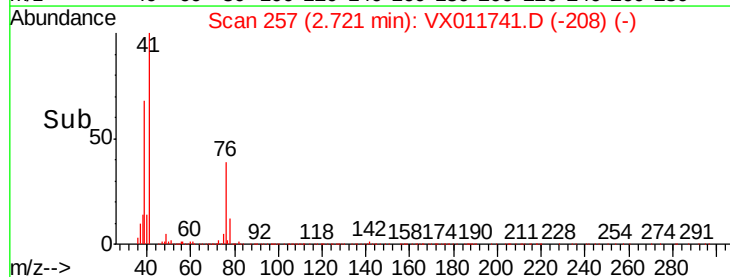
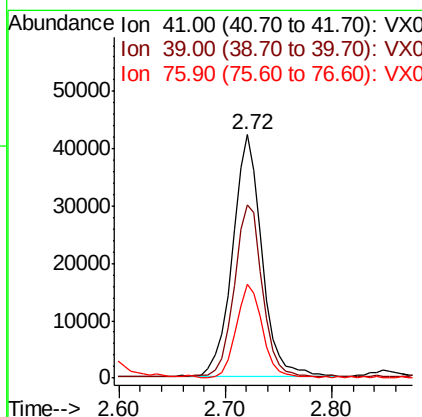
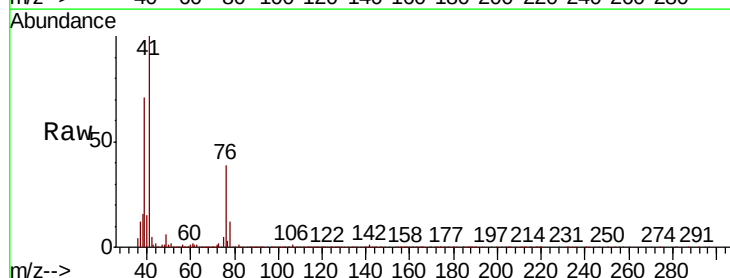
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

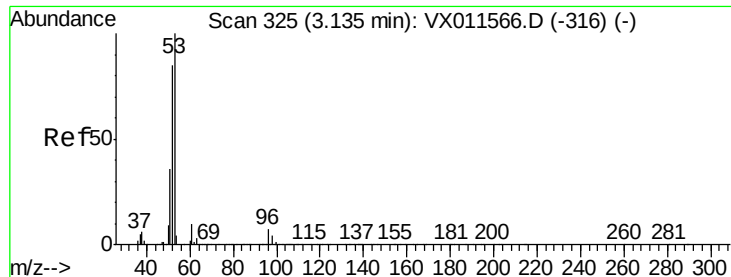
Tgt Ion: 56 Resp: 20959
Ion Ratio Lower Upper
56 100
55 73.4 55.5 83.3



#14
Allyl chloride
Concen: 17.746 ug/l
RT: 2.72 min Scan# 257
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion: 41 Resp: 81621
Ion Ratio Lower Upper
41 100
39 67.7 47.5 71.3
76 33.9 26.3 39.5





#15

Acrylonitrile

Concen: 100.304 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampled :

VX0821WBS02

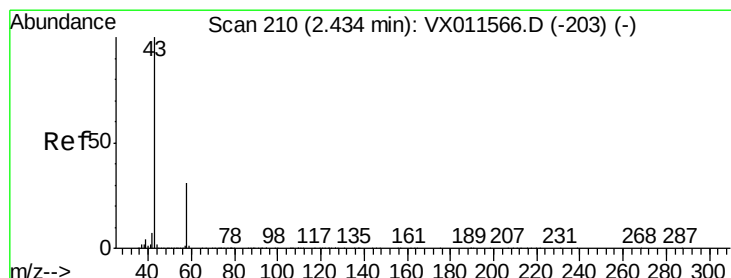
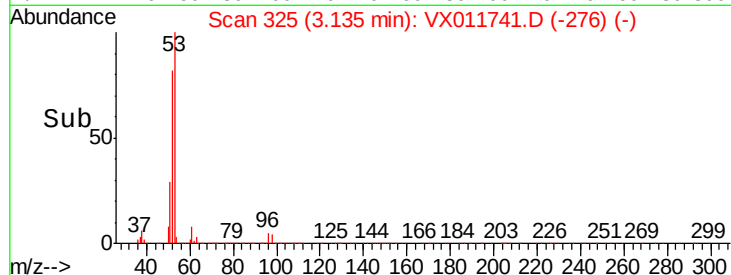
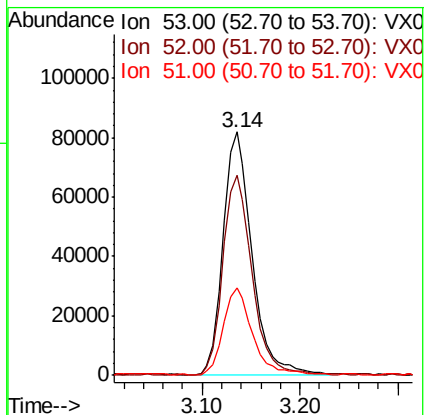
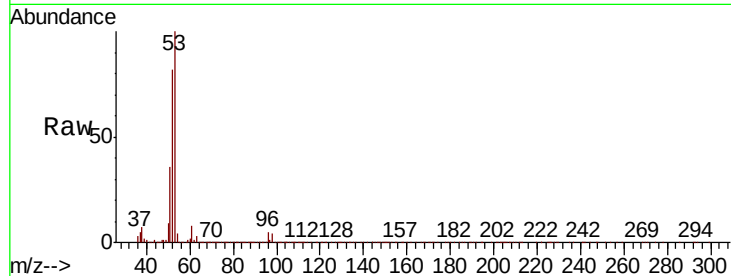
Tgt Ion: 53 Resp: 169361

Ion Ratio Lower Upper

53 100

52 83.1 66.7 100.1

51 35.5 28.7 43.1



#16

Acetone

Concen: 98.465 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011741.D

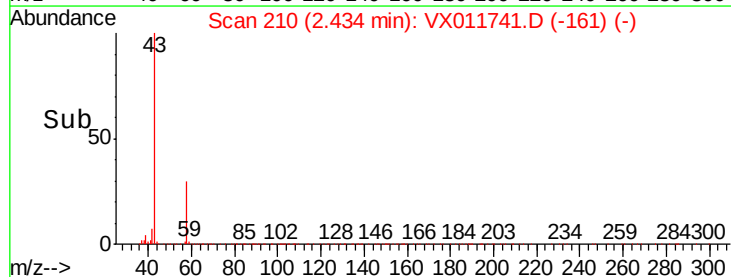
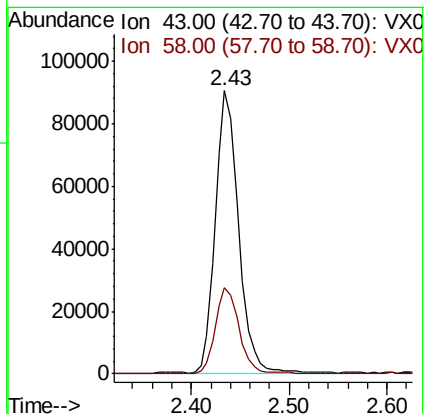
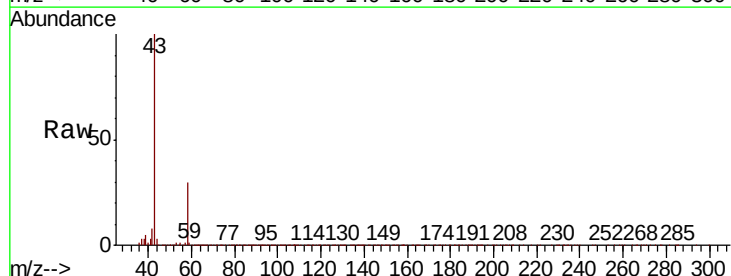
Acq: 21 Aug 2019 19:49

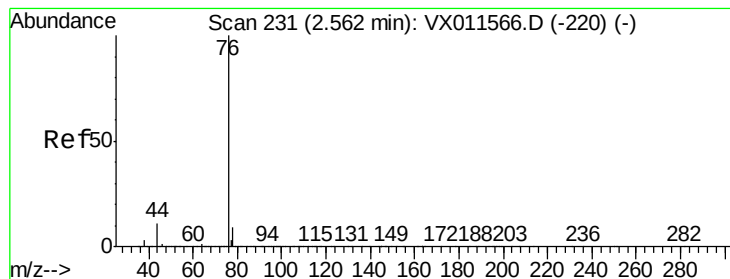
Tgt Ion: 43 Resp: 148885

Ion Ratio Lower Upper

43 100

58 30.3 25.2 37.8





#17

Carbon Disulfide

Concen: 17.016 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

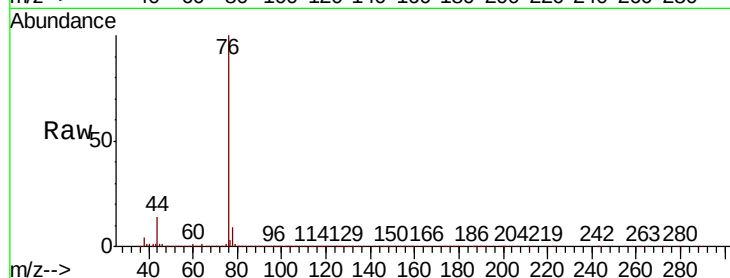
VX0821WBS02

Tgt Ion: 76 Resp: 110860

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

60000

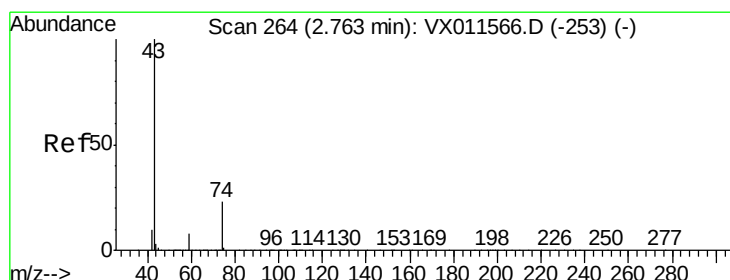
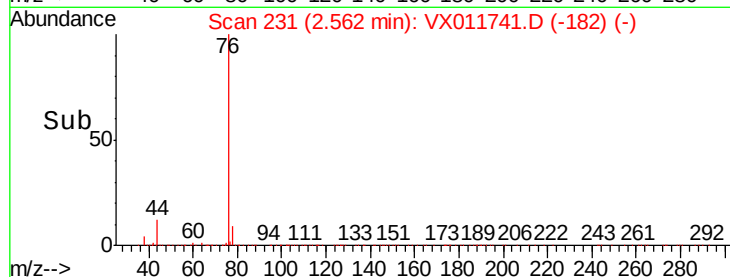
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 20.589 ug/l

RT: 2.76 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011741.D

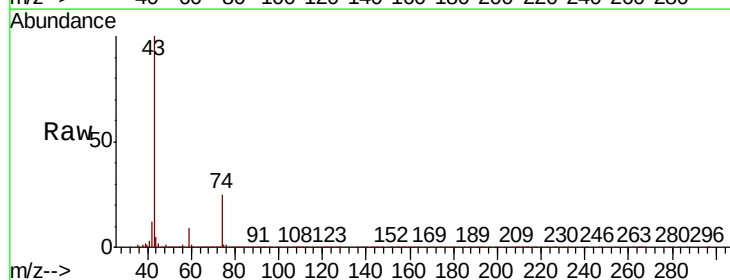
Acq: 21 Aug 2019 19:49

Tgt Ion: 43 Resp: 96552

Ion Ratio Lower Upper

43 100

74 24.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

60000

50000

40000

30000

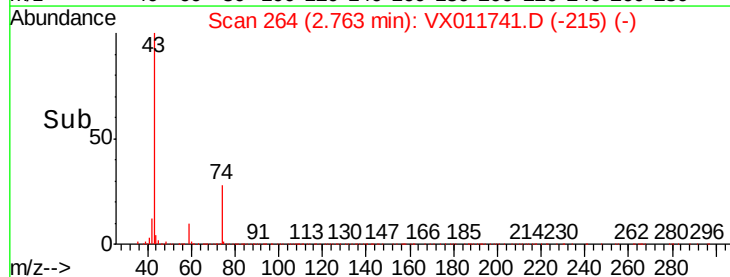
20000

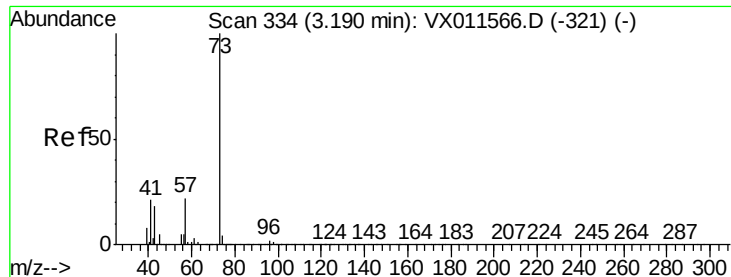
10000

0

Time-->

2.70 2.75 2.80 2.85





#19

Methyl tert-butyl Ether

Concen: 20.891 ug/l

RT: 3.18 min Scan# 333

Delta R.T. -0.01 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

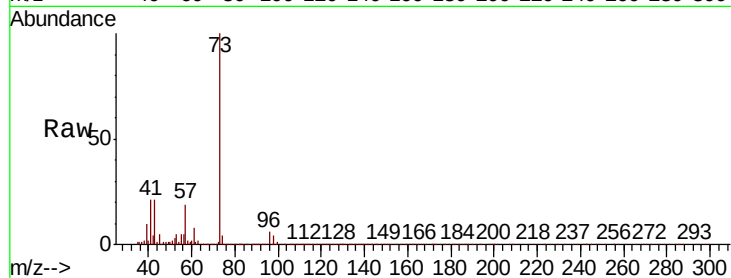
VX0821WBS02

Tgt Ion: 73 Resp: 188118

Ion Ratio Lower Upper

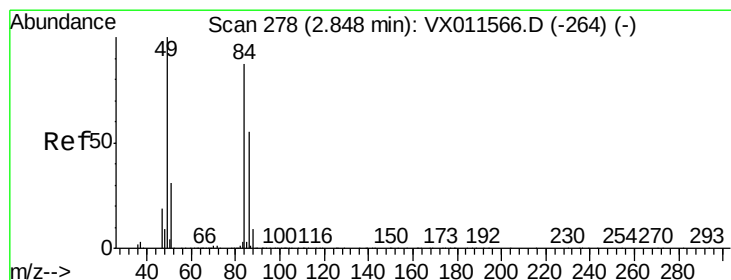
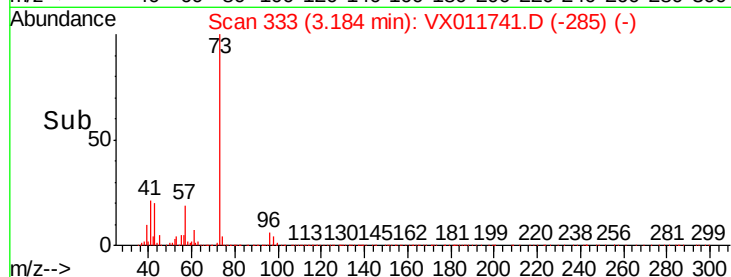
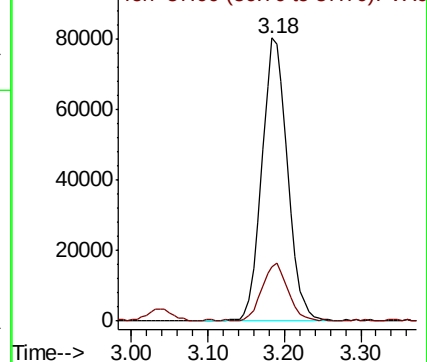
73 100

57 18.8 17.2 25.8



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 19.295 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion: 84 Resp: 61258

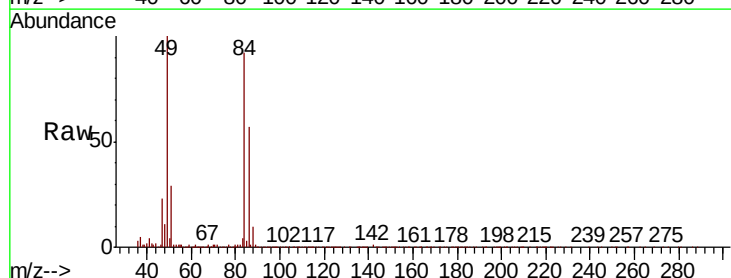
Ion Ratio Lower Upper

84 100

49 108.9 92.4 138.6

51 31.3 28.5 42.7

86 61.6 51.0 76.6

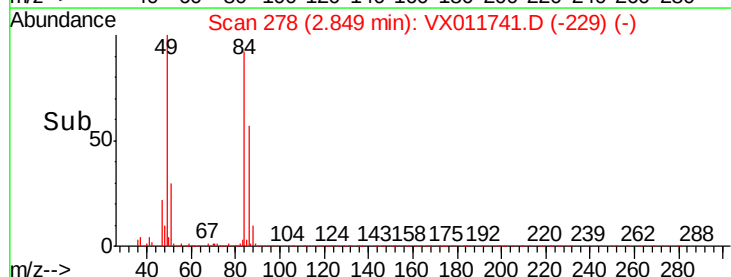
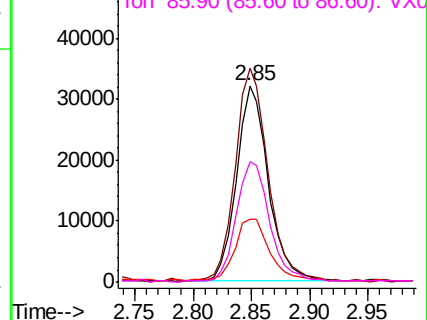


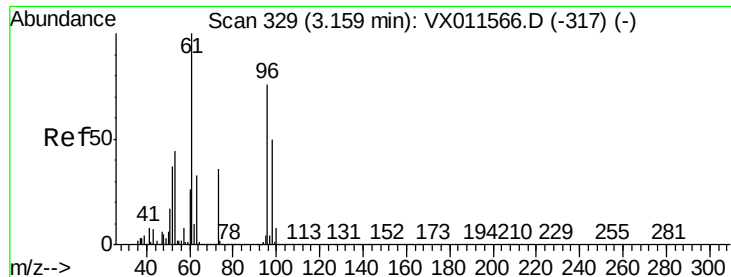
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 19.212 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

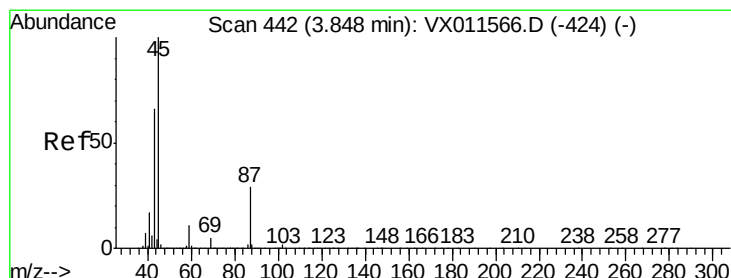
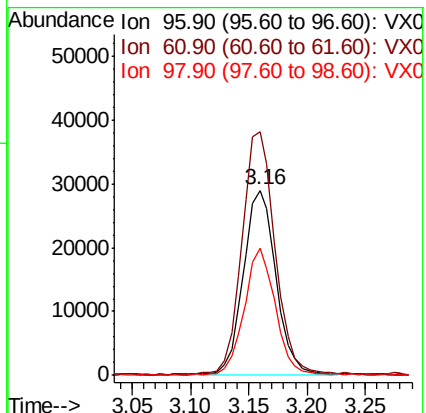
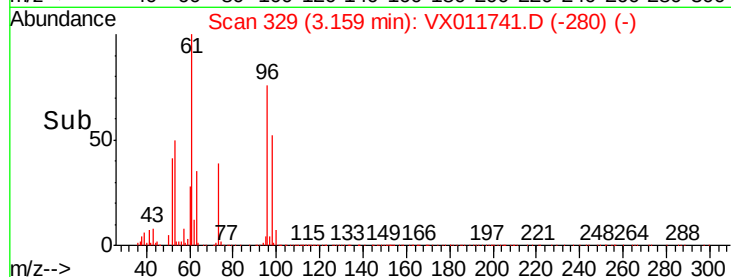
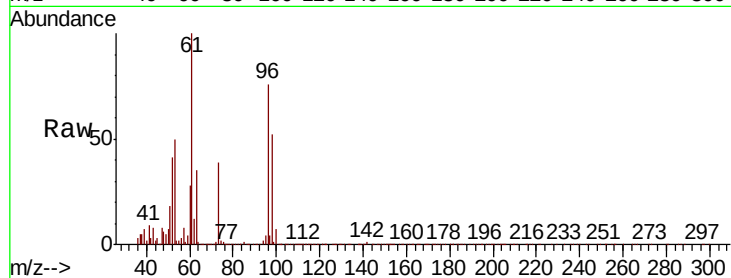
Tgt Ion: 96 Resp: 56290

Ion Ratio Lower Upper

96 100

61 131.1 105.5 158.3

98 69.0 52.6 78.8



#22

Diisopropyl ether

Concen: 19.481 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion: 45 Resp: 178439

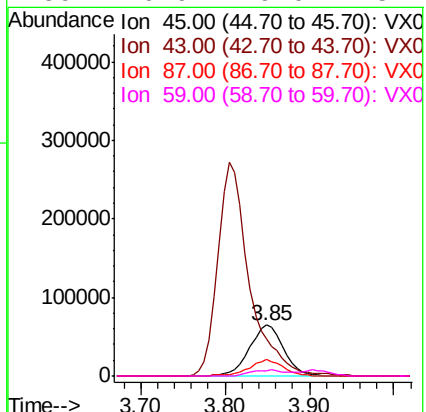
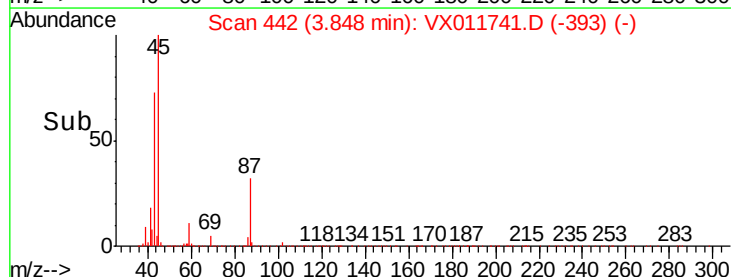
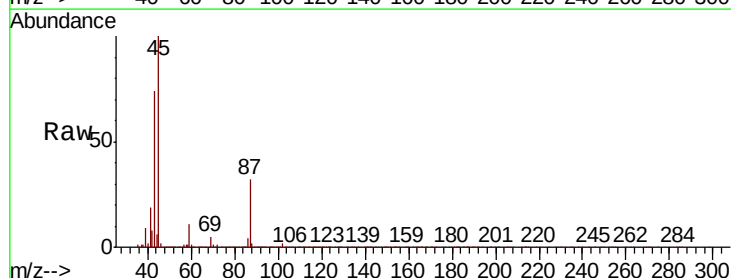
Ion Ratio Lower Upper

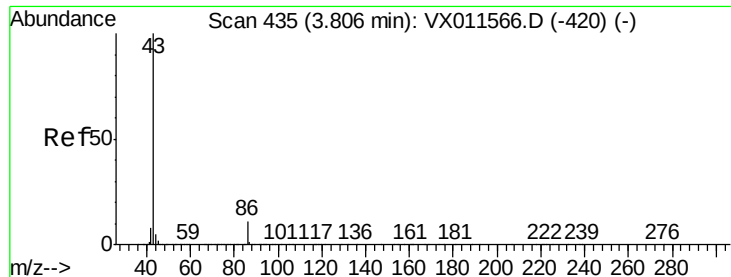
45 100

43 72.7 52.7 79.1

87 31.8 23.5 35.3

59 10.9 9.0 13.4





#23

Vinyl Acetate

Concen: 97.244 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

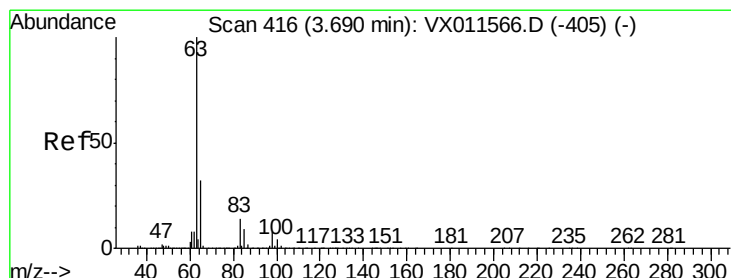
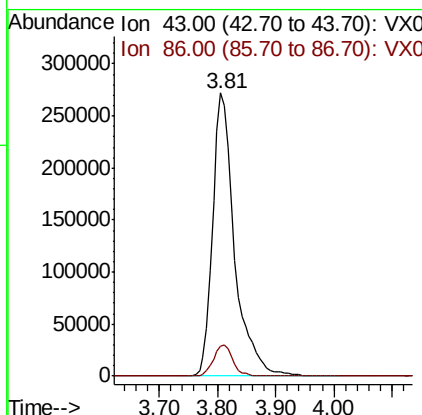
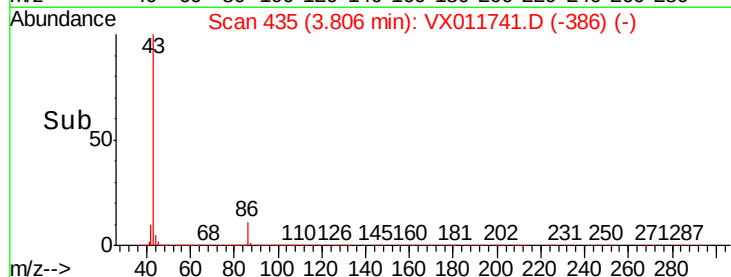
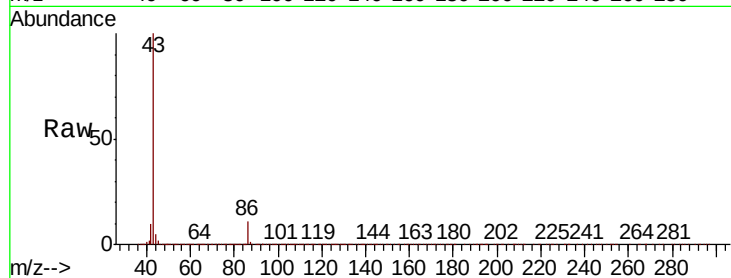
VX0821WBS02

Tgt Ion: 43 Resp: 705342

Ion Ratio Lower Upper

43 100

86 10.6 8.6 13.0



#24

1,1-Dichloroethane

Concen: 19.636 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

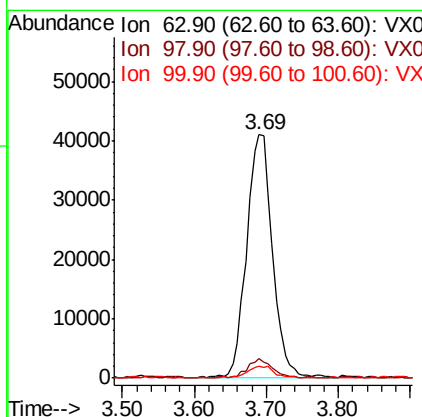
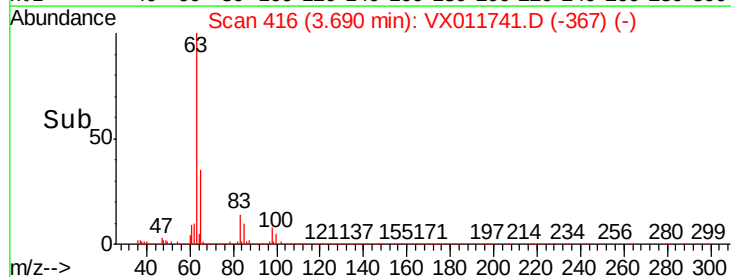
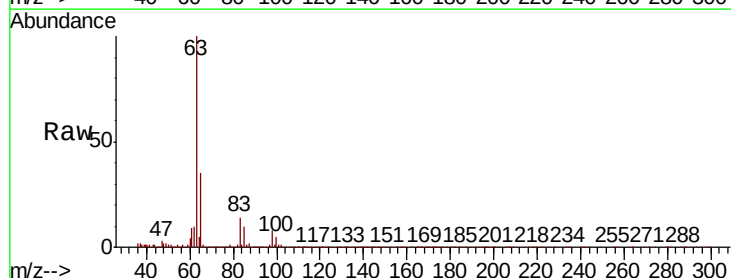
Tgt Ion: 63 Resp: 101691

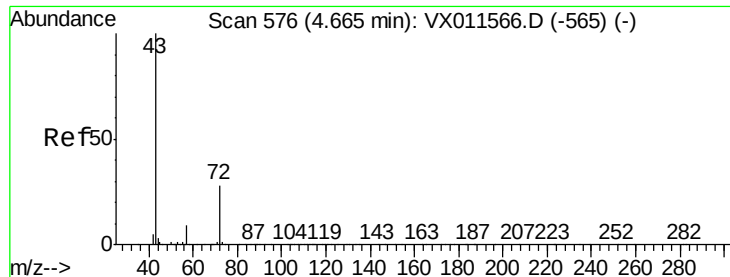
Ion Ratio Lower Upper

63 100

98 8.3 3.7 11.1

100 4.8 2.1 6.3





#25

2-Butanone

Concen: 98.244 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

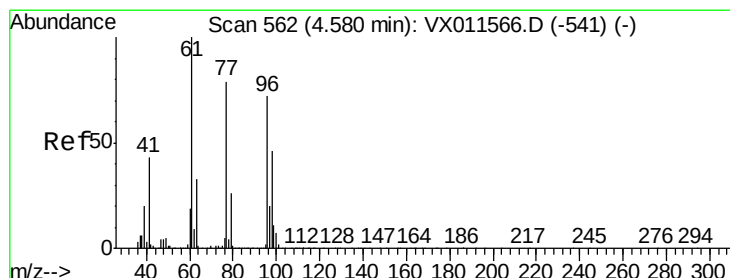
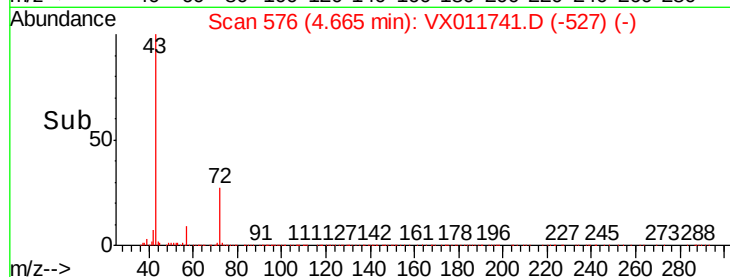
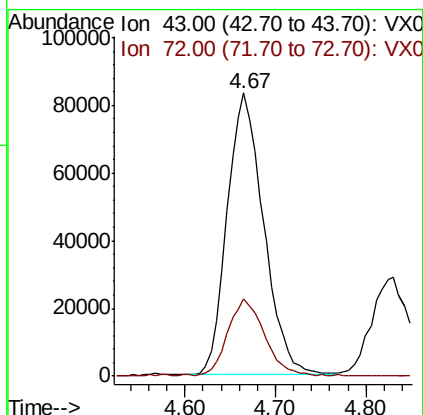
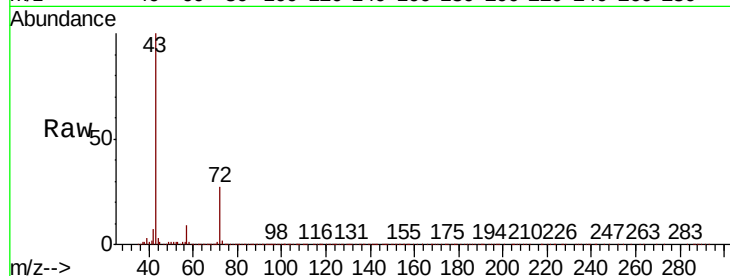
VX0821WBS02

Tgt Ion: 43 Resp: 233213

Ion Ratio Lower Upper

43 100

72 27.0 22.2 33.4



#26

2,2-Dichloropropane

Concen: 18.114 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX011741.D

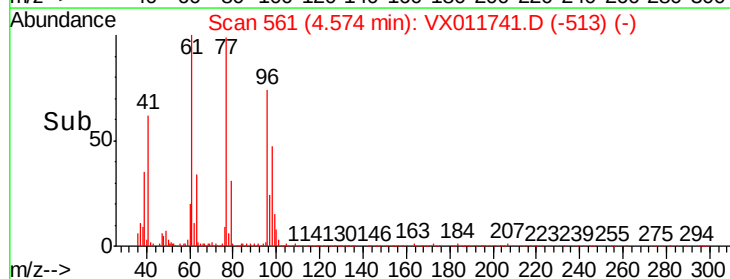
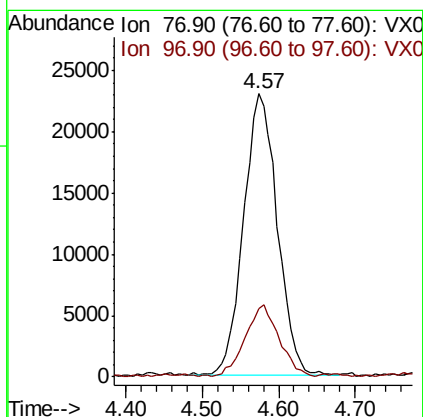
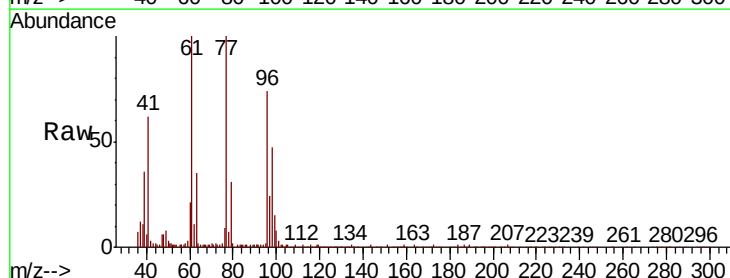
Acq: 21 Aug 2019 19:49

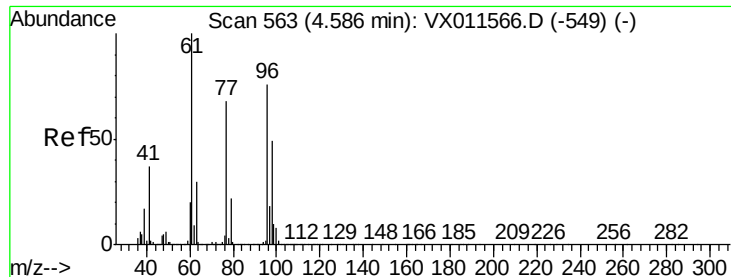
Tgt Ion: 77 Resp: 70604

Ion Ratio Lower Upper

77 100

97 26.1 12.4 37.2



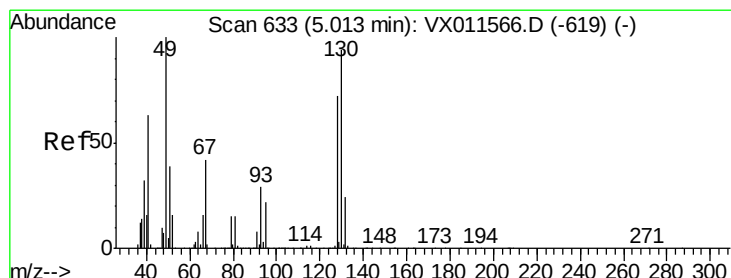
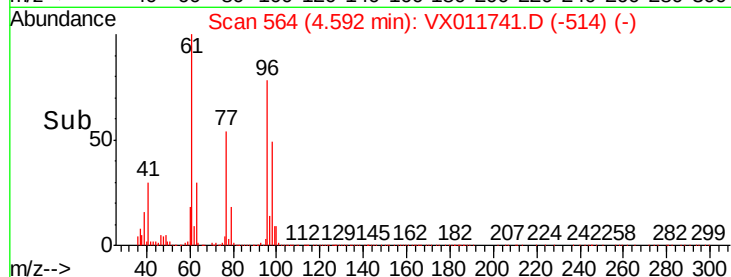
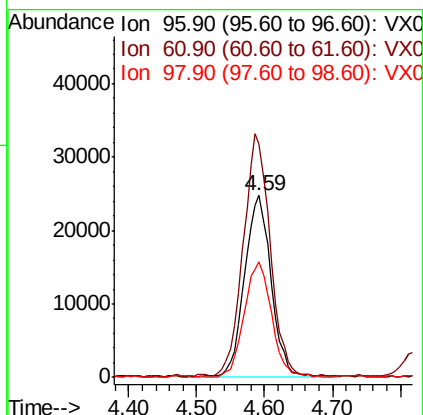
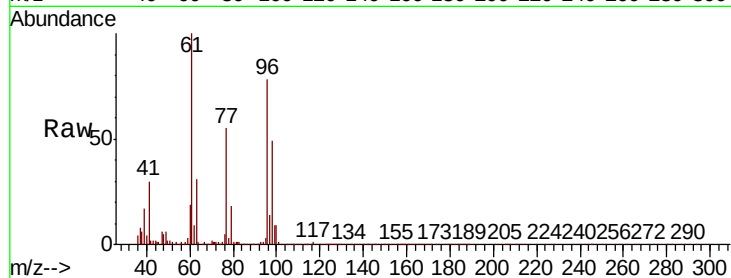


#27

cis-1,2-Dichloroethene
Concen: 19.965 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

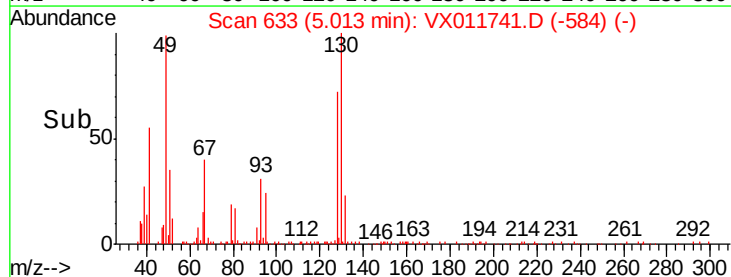
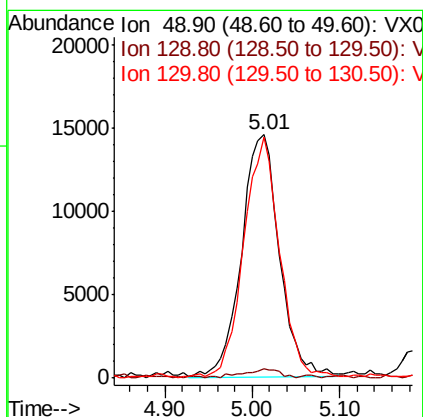
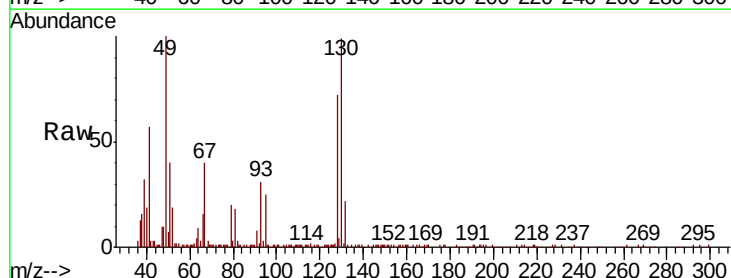
Tgt Ion: 96 Resp: 68195
Ion Ratio Lower Upper
96 100
61 132.0 0.0 272.6
98 63.7 0.0 129.4

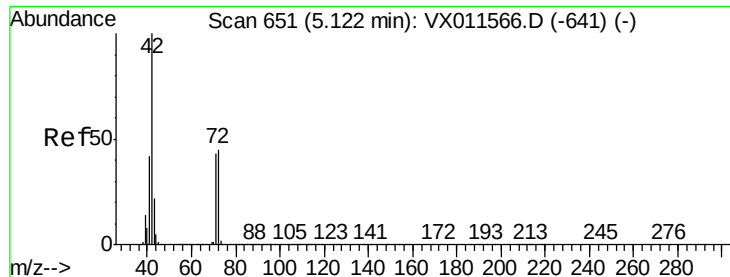


#28

Bromochloromethane
Concen: 19.120 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion: 49 Resp: 43468
Ion Ratio Lower Upper
49 100
129 3.6 0.0 5.0
130 94.3 76.6 115.0





#29

Tetrahydrofuran

Concen: 94.187 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

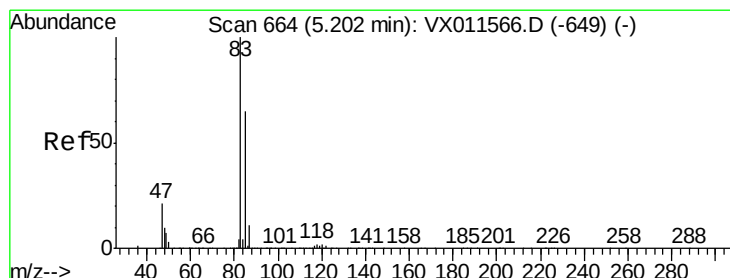
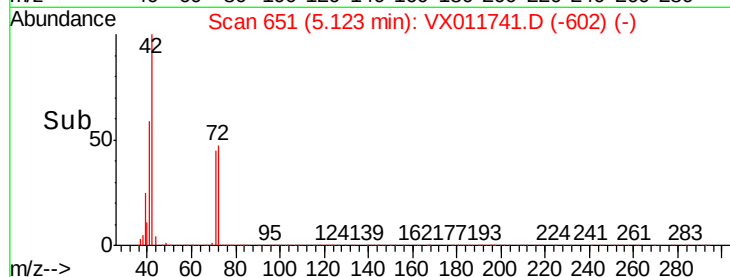
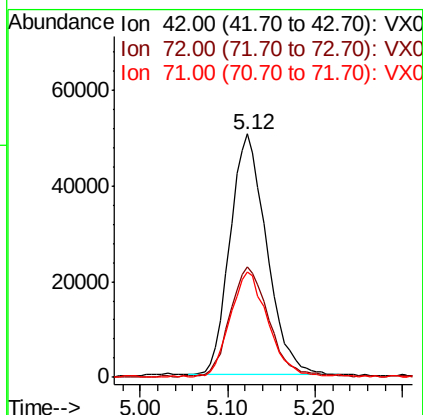
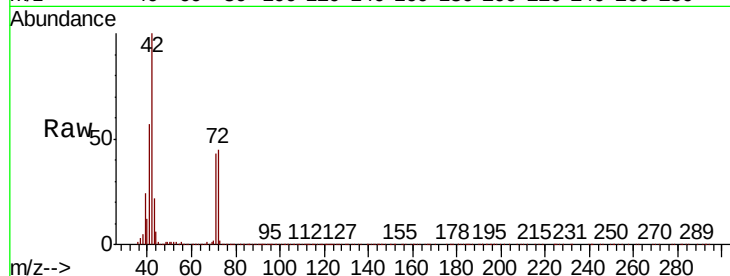
Tgt Ion: 42 Resp: 146664

Ion Ratio Lower Upper

42 100

72 48.6 36.1 54.1

71 44.2 33.8 50.8



#30

Chloroform

Concen: 20.769 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011741.D

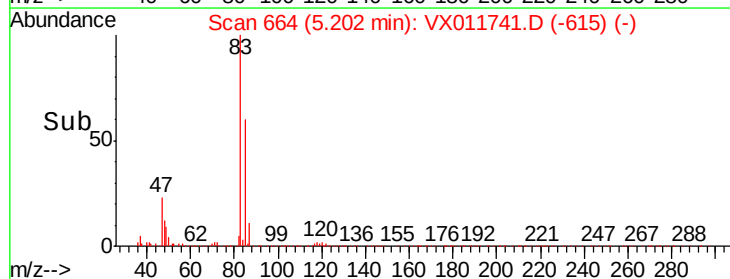
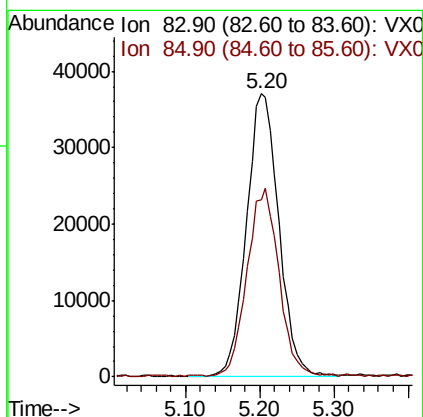
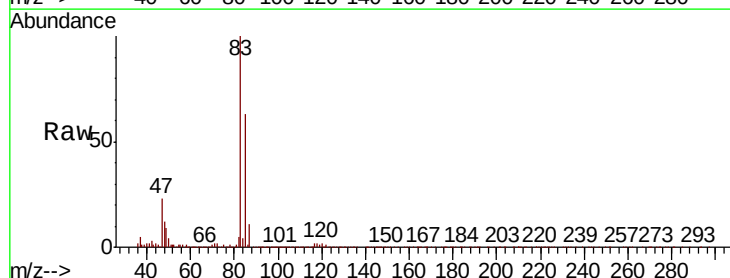
Acq: 21 Aug 2019 19:49

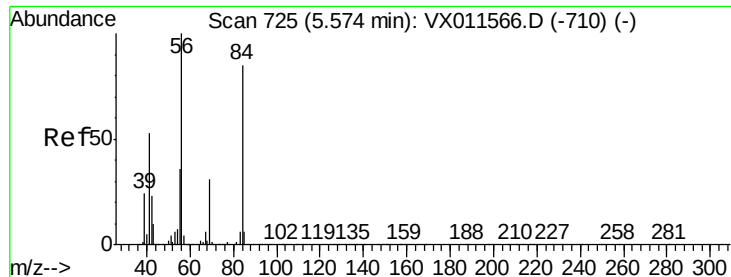
Tgt Ion: 83 Resp: 113514

Ion Ratio Lower Upper

83 100

85 62.6 51.9 77.9

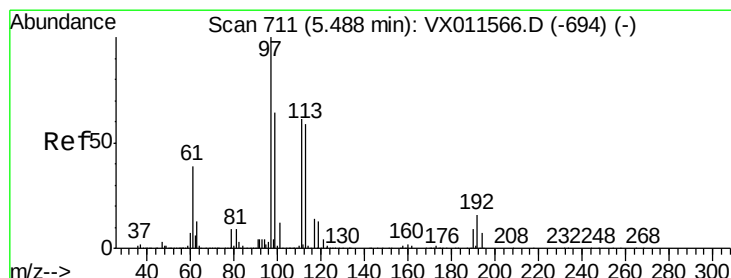
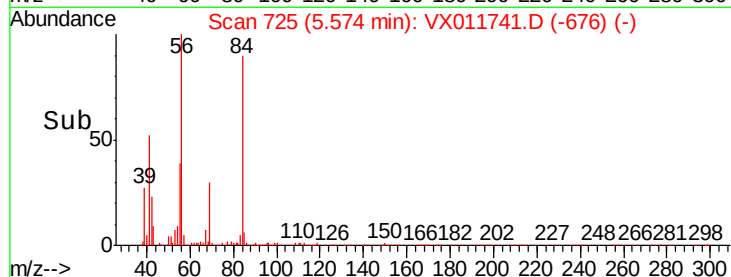
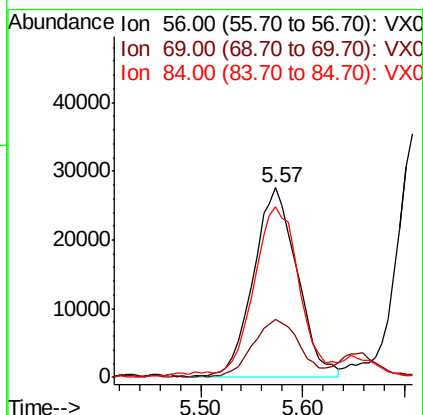
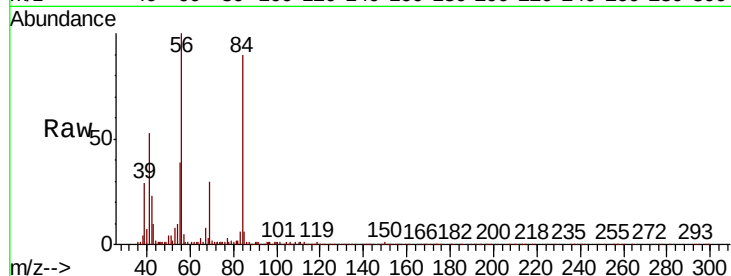




#31
Cyclohexane
Concen: 18.267 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

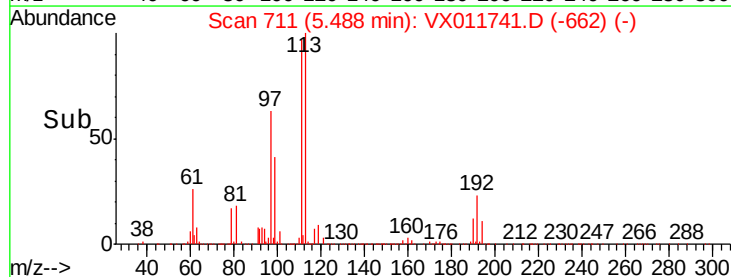
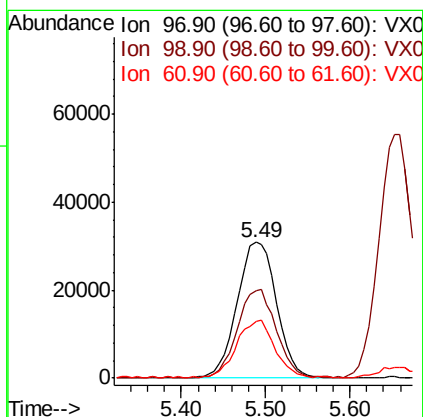
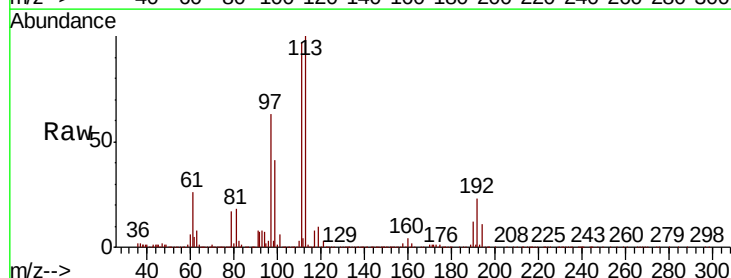
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

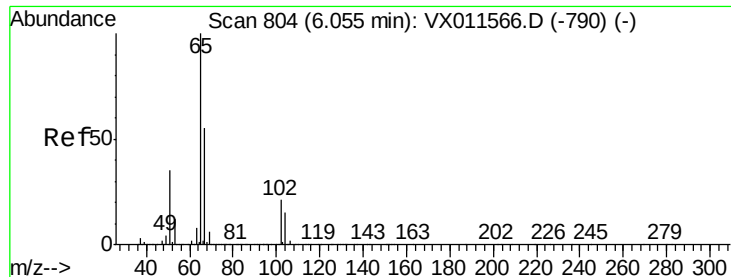
Tgt Ion: 56 Resp: 81450
Ion Ratio Lower Upper
56 100
69 30.0 24.8 37.2
84 89.1 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 20.710 ug/l
RT: 5.49 min Scan# 711
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion: 97 Resp: 97326
Ion Ratio Lower Upper
97 100
99 65.1 51.4 77.0
61 41.0 31.4 47.2

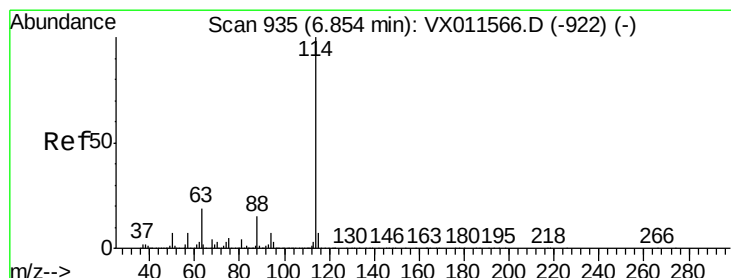
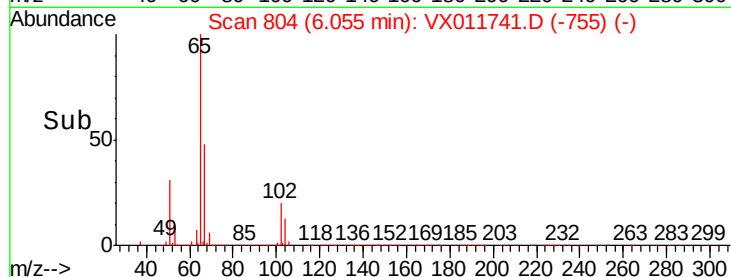
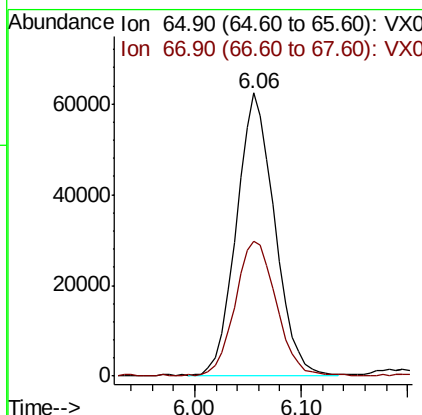
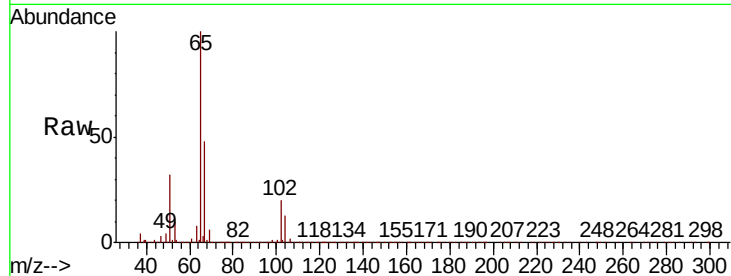




#33
 1,2-Dichloroethane-d4
 Concen: 51.841 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

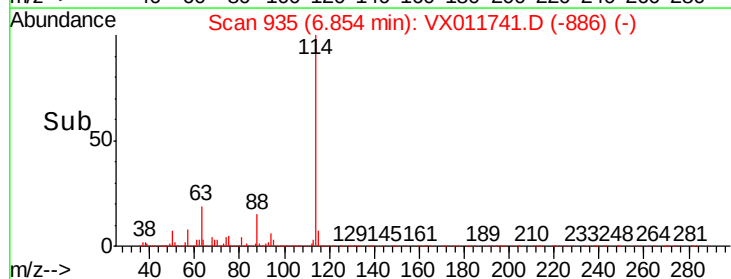
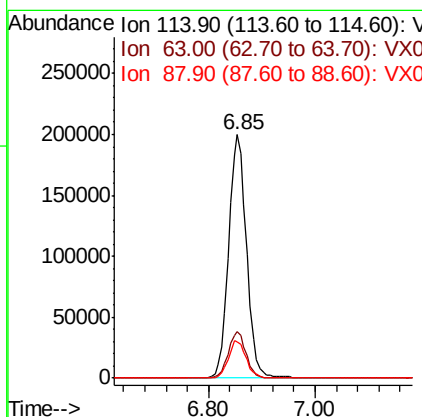
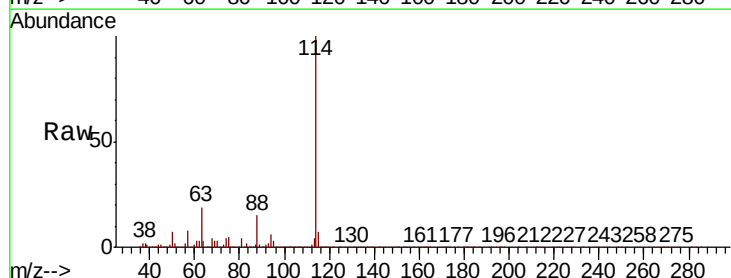
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

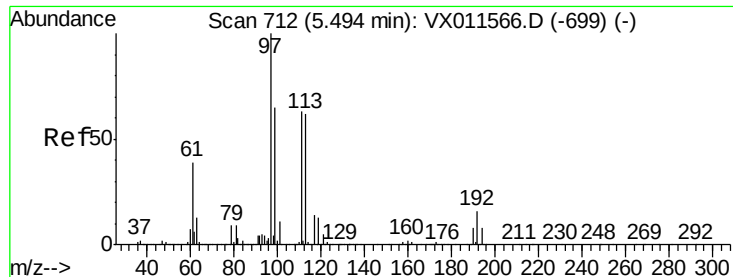
Tgt Ion: 65 Resp: 155893
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion: 114 Resp: 470100
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.8
 88 14.6 0.0 30.2

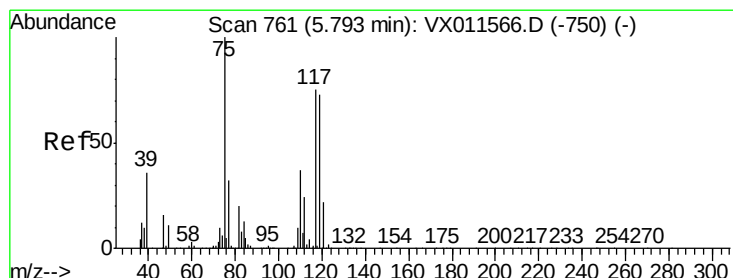
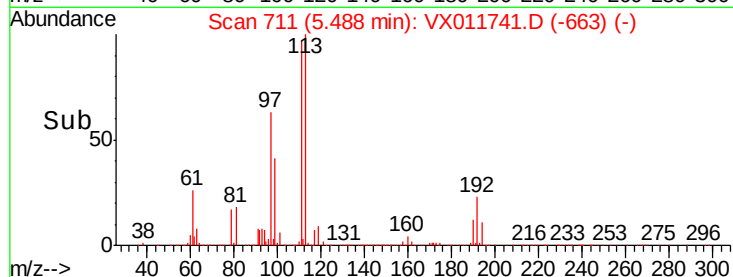
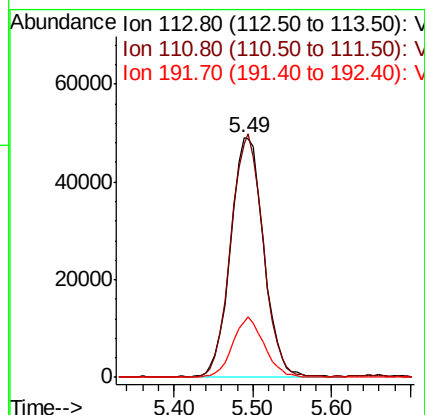
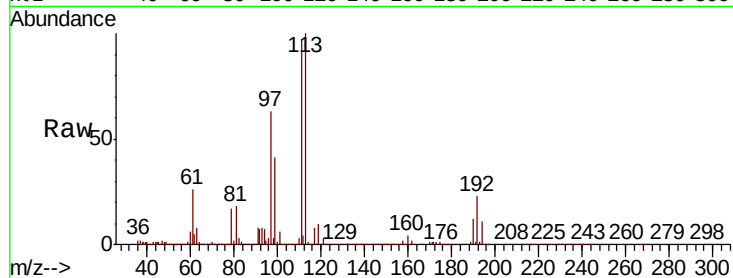




#35
Dibromofluoromethane
Concen: 46.747 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

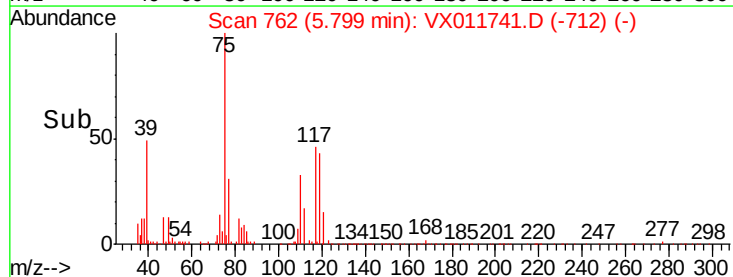
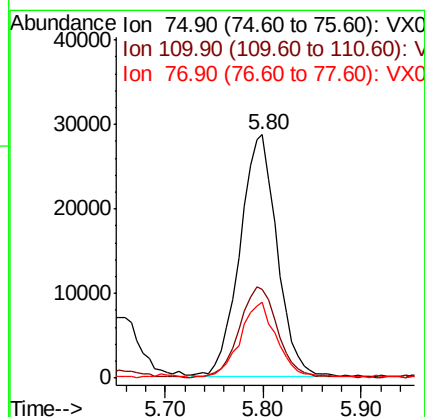
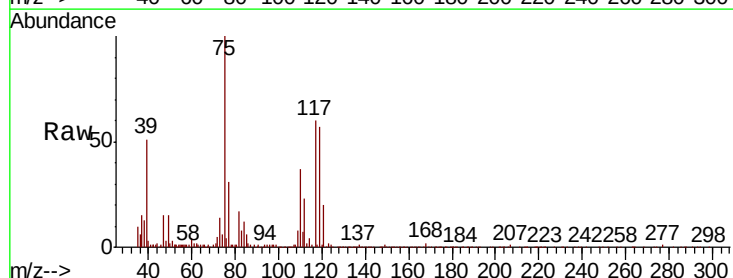
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

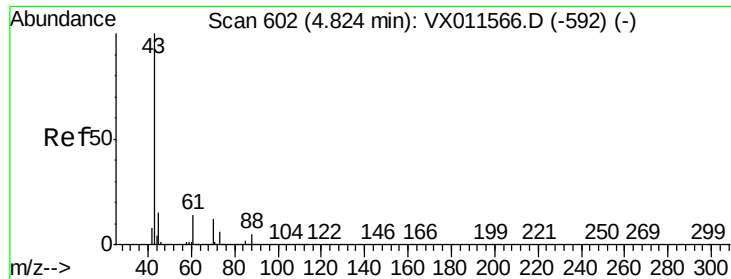
Tgt Ion:113 Resp: 143736
Ion Ratio Lower Upper
113 100
111 99.1 81.1 121.7
192 23.9 20.8 31.2



#36
1,1-Dichloropropene
Concen: 18.697 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion: 75 Resp: 75148
Ion Ratio Lower Upper
75 100
110 39.0 19.4 58.1
77 29.9 25.1 37.7

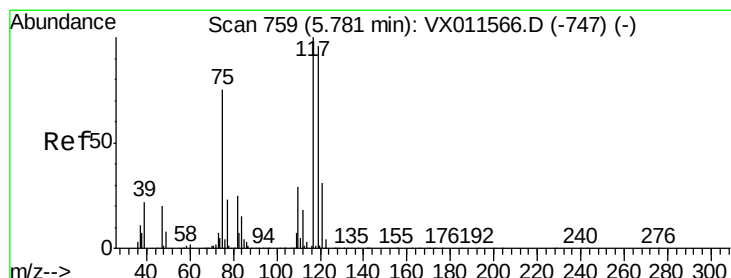
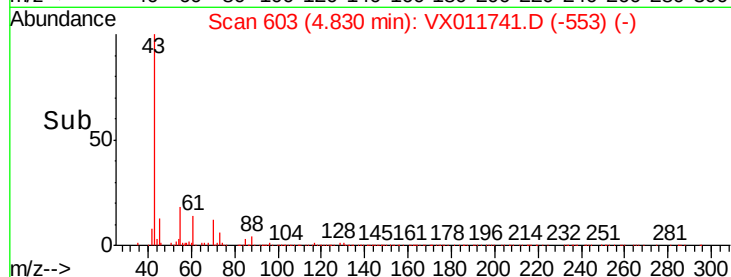
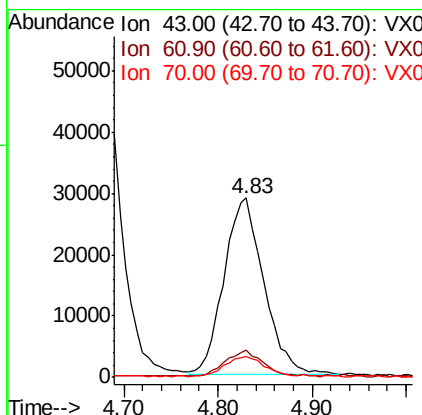
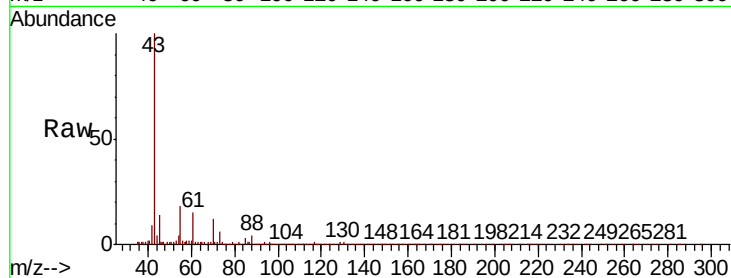




#37
Ethyl Acetate
Concen: 18.347 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

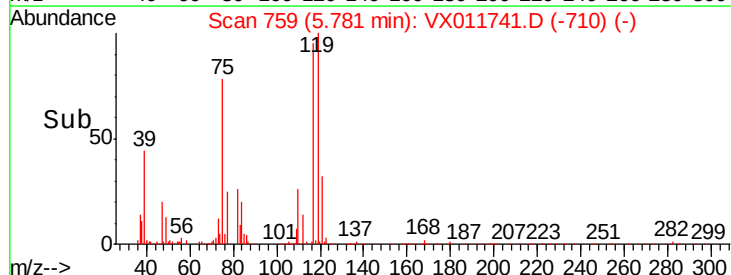
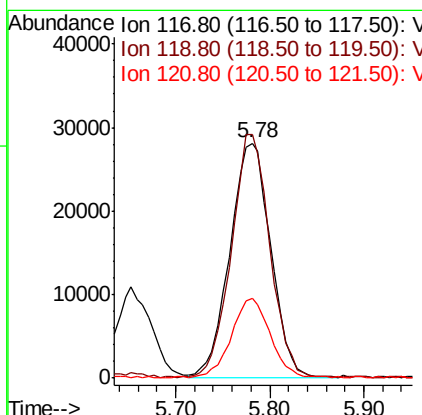
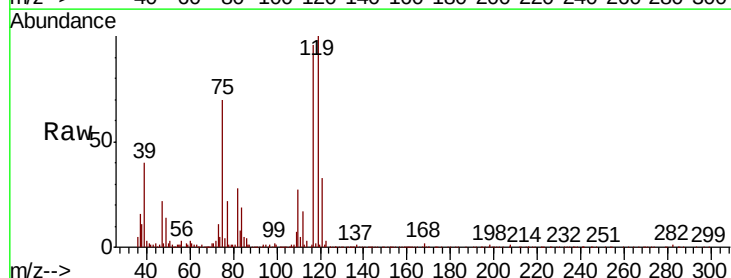
Instrument :
MSVOA_X
ClientSampled :
VX0821WBS02

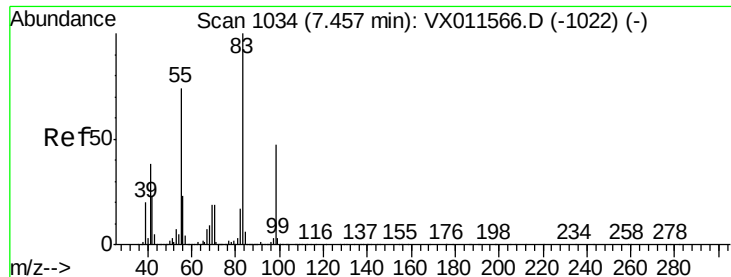
Tgt Ion: 43 Resp: 84815
Ion Ratio Lower Upper
43 100
61 13.6 11.4 17.0
70 12.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.151 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion: 117 Resp: 84803
Ion Ratio Lower Upper
117 100
119 104.1 76.9 115.3
121 33.7 24.8 37.2

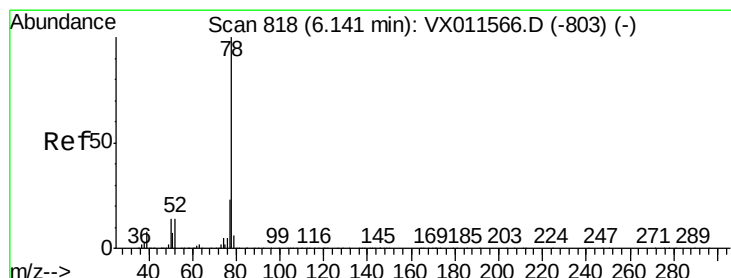
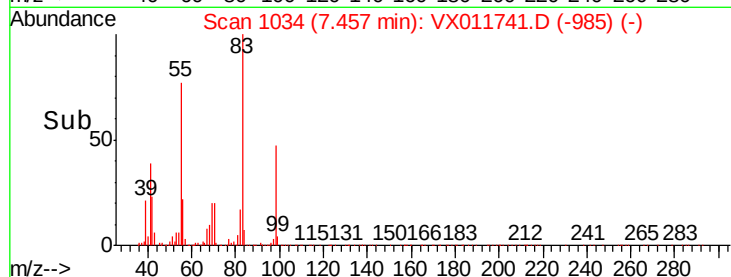
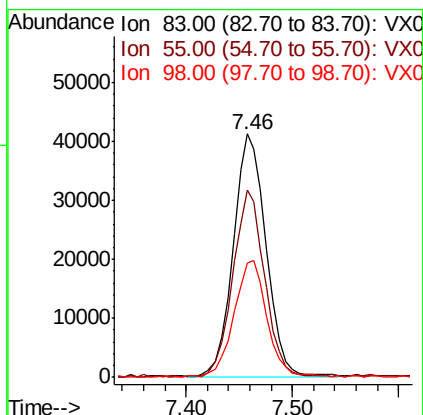
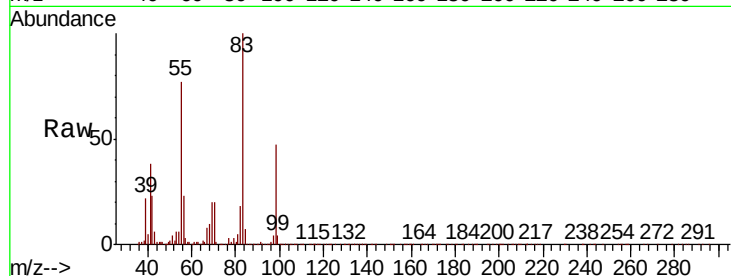




#39
Methylcyclohexane
Concen: 17.870 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

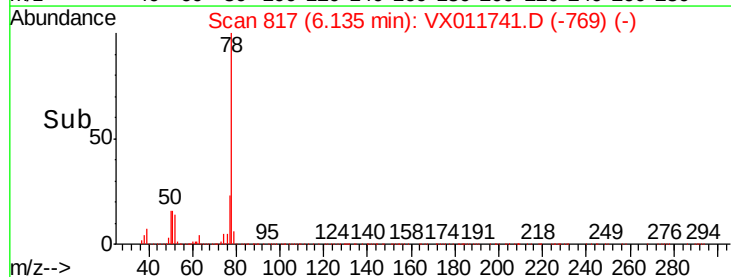
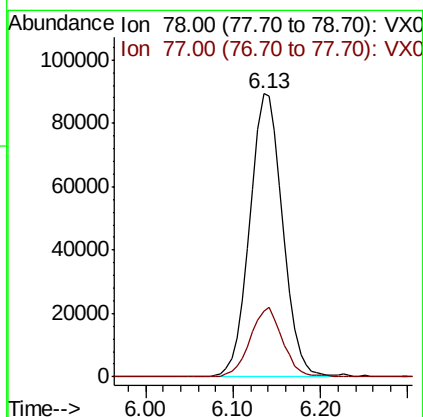
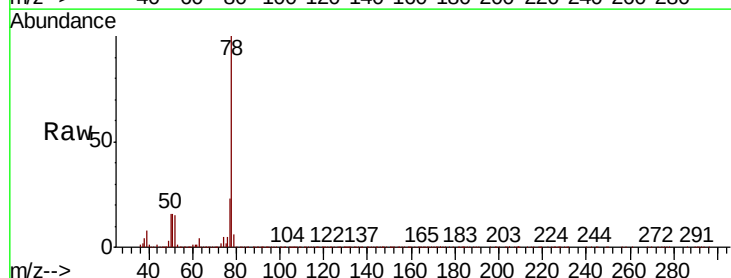
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

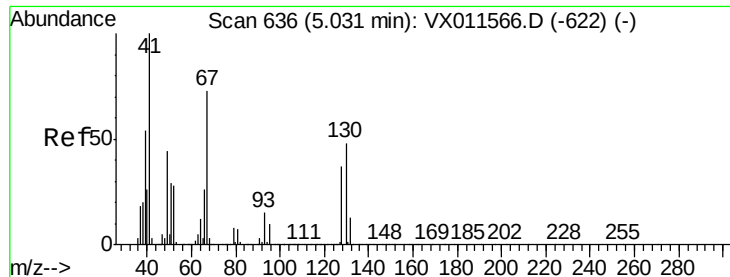
Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.7	58.8	88.2
98	46.6	37.8	56.6



#40
Benzene
Concen: 18.786 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0

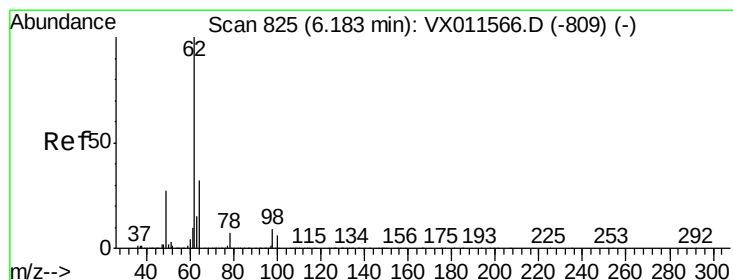
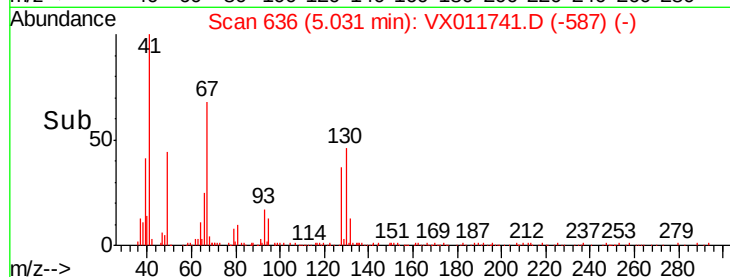
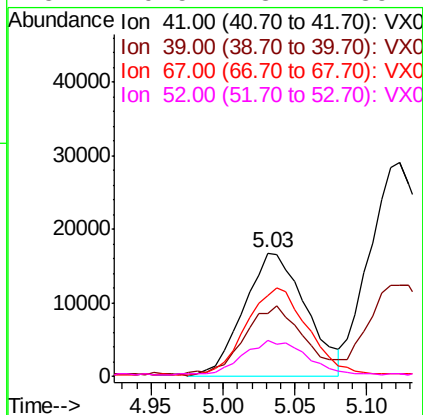
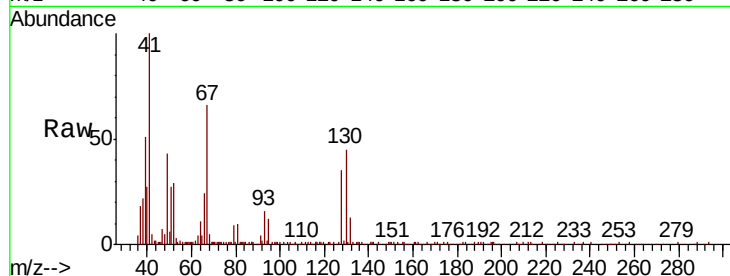




#41
Methacrylonitrile
Concen: 19.808 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

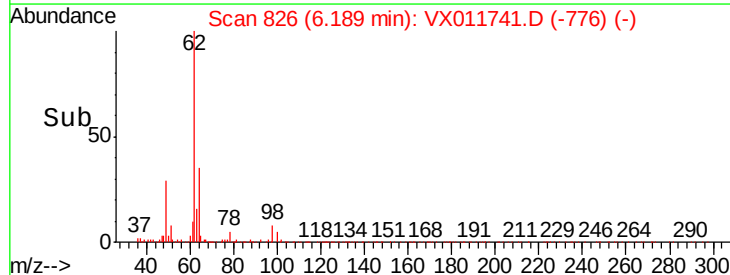
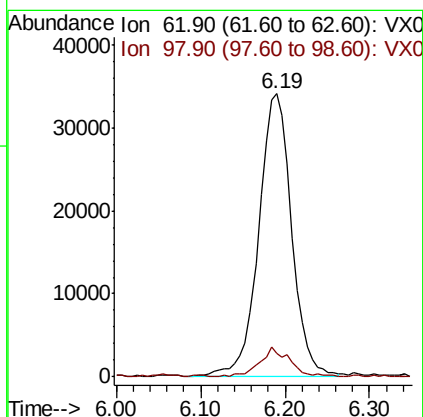
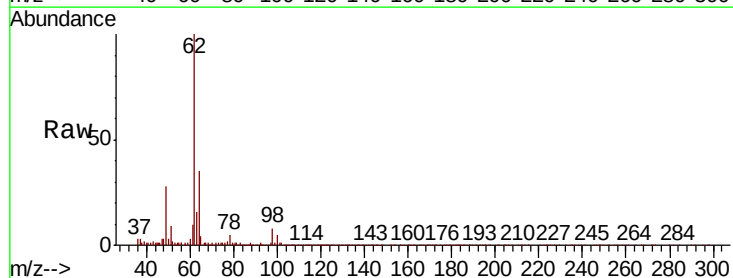
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

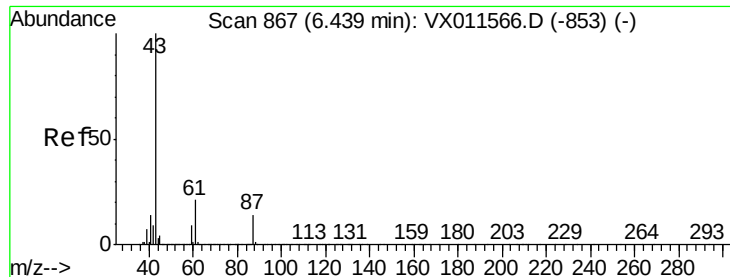
Tgt Ion:	41	Resp:	50399
Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.5	65.3
67	70.6	59.4	89.2
52	29.5	23.4	35.2



#42
1,2-Dichloroethane
Concen: 21.247 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.01 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion:	62	Resp:	91943
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.4





#43

Isopropyl Acetate

Concen: 18.427 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

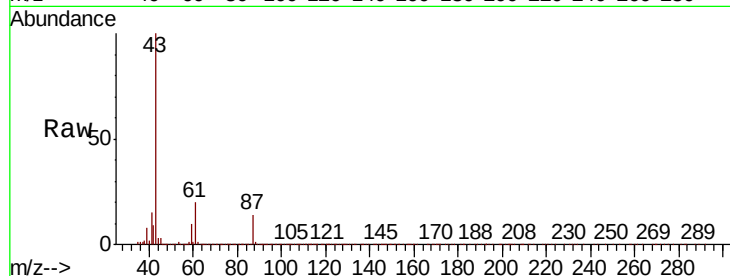
Tgt Ion: 43 Resp: 132942

Ion Ratio Lower Upper

43 100

61 19.5 16.6 24.8

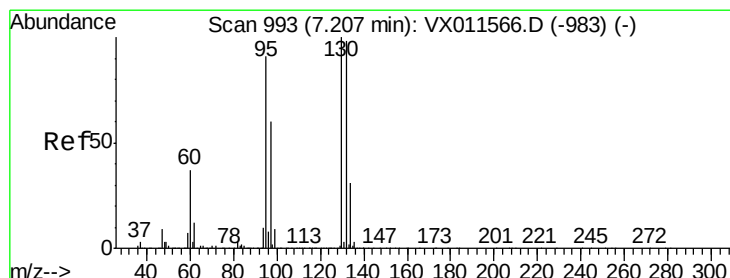
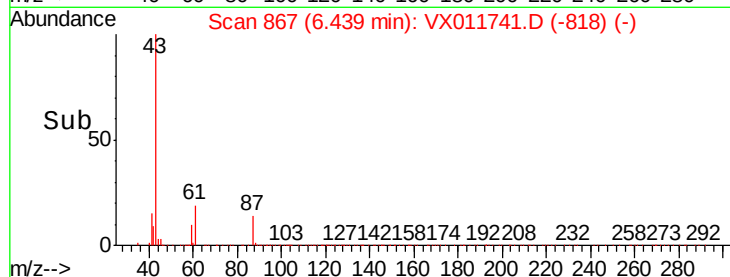
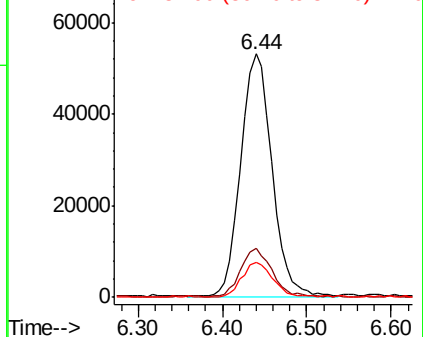
87 14.1 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.846 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011741.D

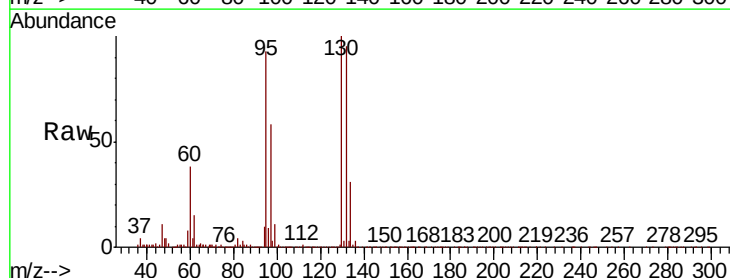
Acq: 21 Aug 2019 19:49

Tgt Ion: 130 Resp: 69829

Ion Ratio Lower Upper

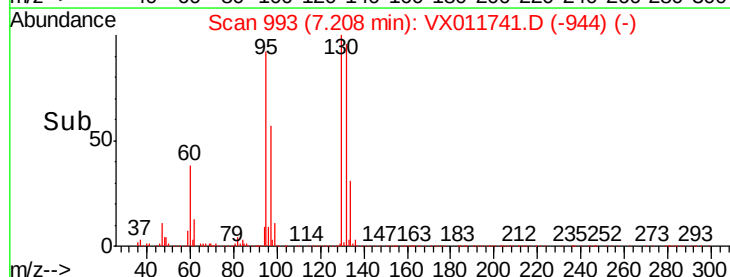
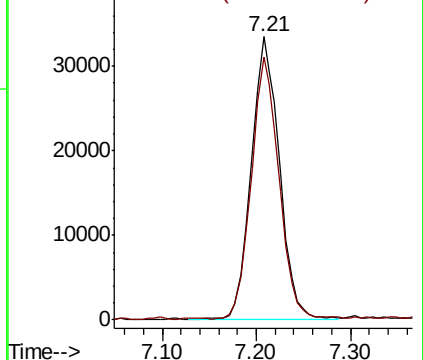
130 100

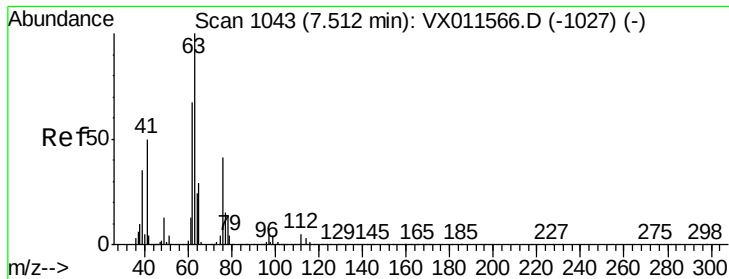
95 92.6 0.0 181.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

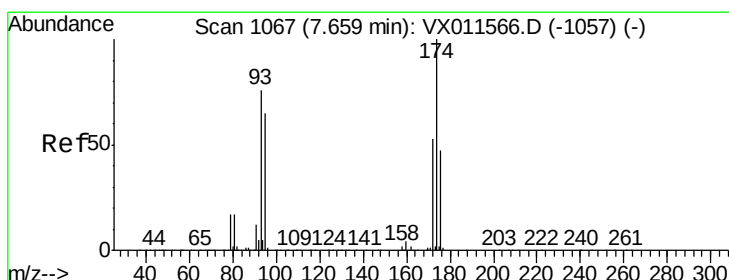
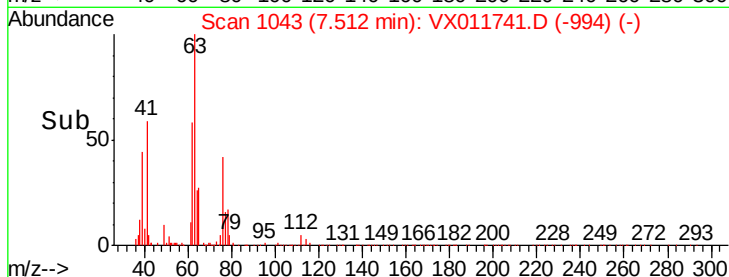
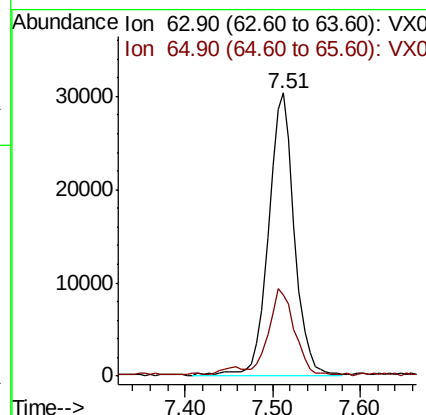
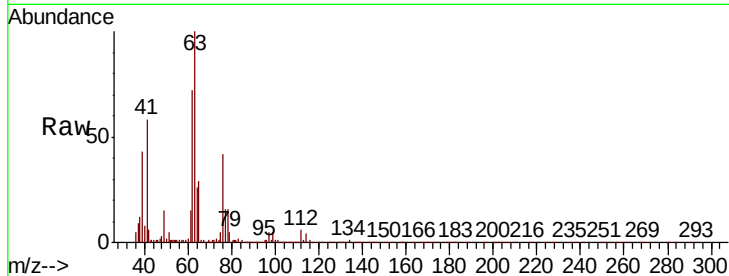




#45
1,2-Dichloropropane
Concen: 20.019 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

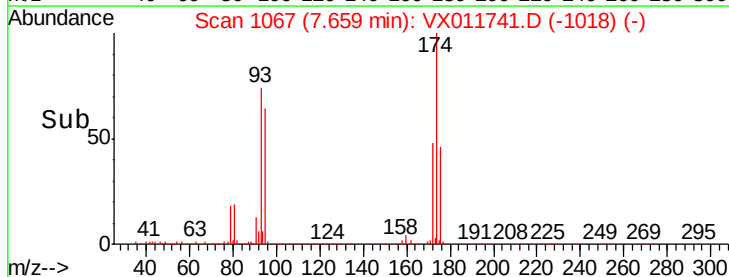
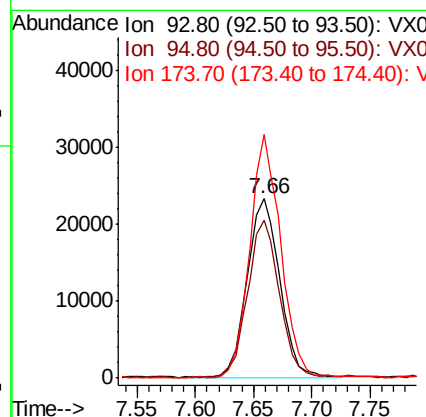
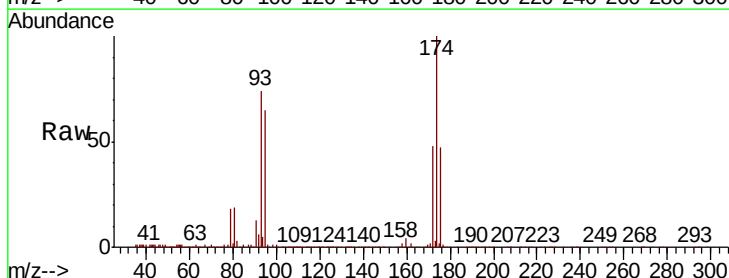
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

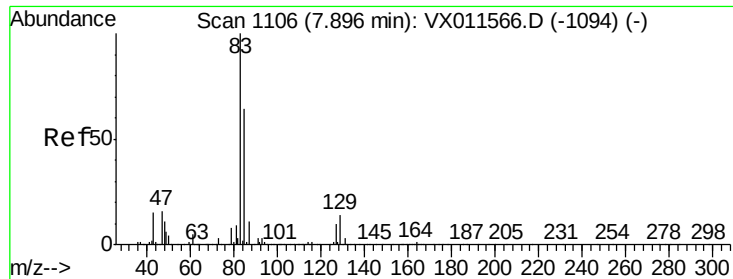
Tgt Ion: 63 Resp: 62358
Ion Ratio Lower Upper
63 100
65 28.3 23.4 35.2



#46
Dibromomethane
Concen: 20.162 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion: 93 Resp: 45639
Ion Ratio Lower Upper
93 100
95 85.3 67.2 100.8
174 128.4 105.5 158.3

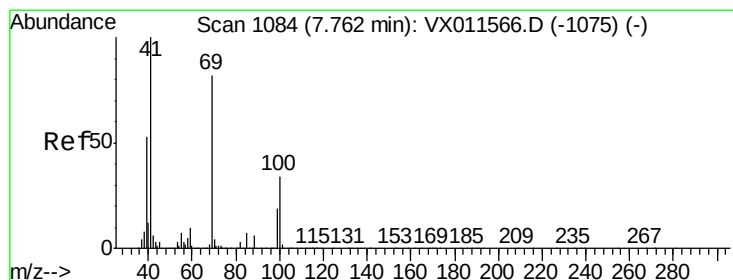
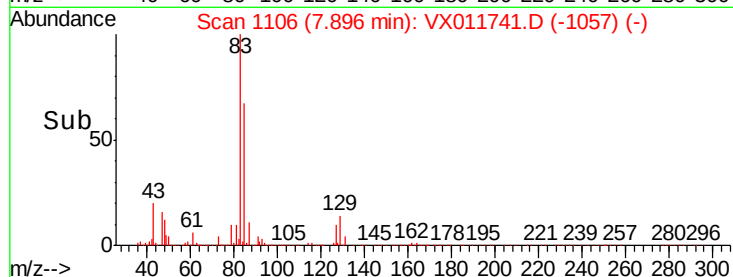
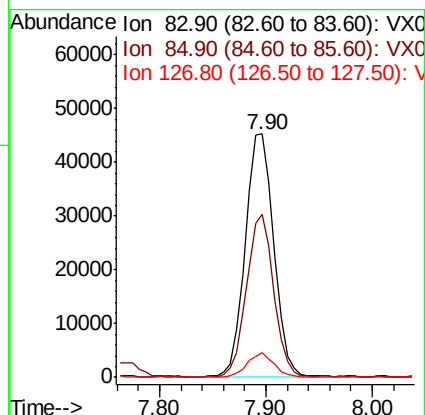
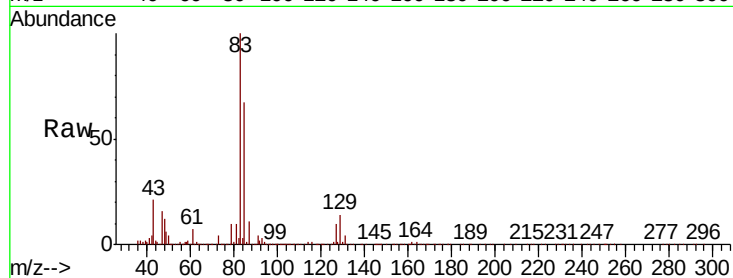




#47
 Bromodichloromethane
 Concen: 20.484 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

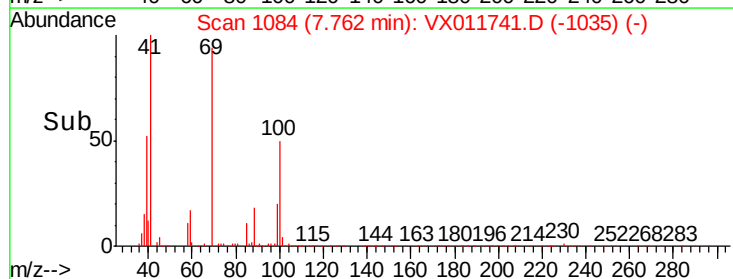
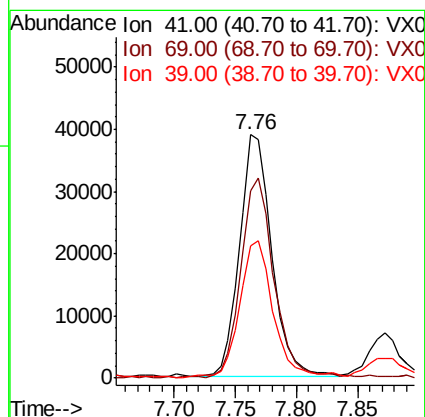
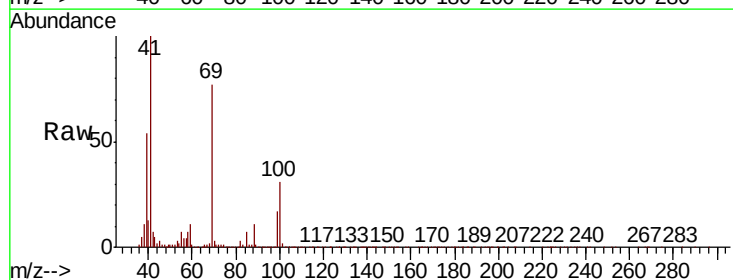
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

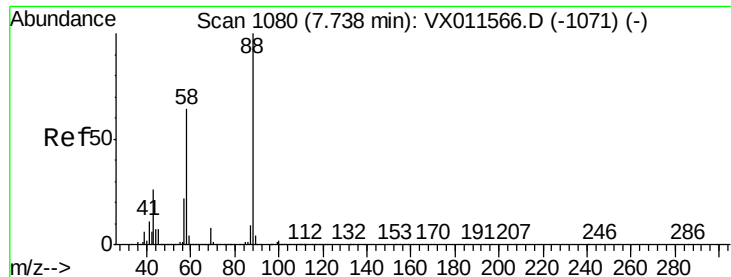
Tgt Ion: 83 Resp: 85136
 Ion Ratio Lower Upper
 83 100
 85 66.5 51.2 76.8
 127 10.0 8.1 12.1



#48
 Methyl methacrylate
 Concen: 19.861 ug/l
 RT: 7.76 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion: 41 Resp: 70961
 Ion Ratio Lower Upper
 41 100
 69 84.3 67.9 101.9
 39 60.4 41.6 62.4





#49

1,4-Dioxane

Concen: 408.341 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

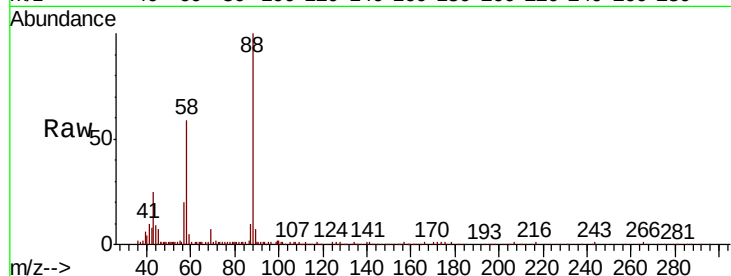
Tgt Ion: 88 Resp: 38804

Ion Ratio Lower Upper

88 100

43 30.8 23.4 35.0

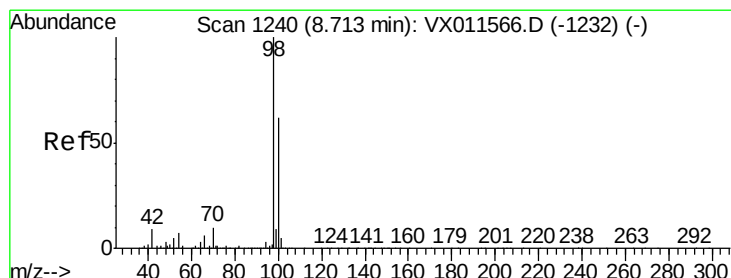
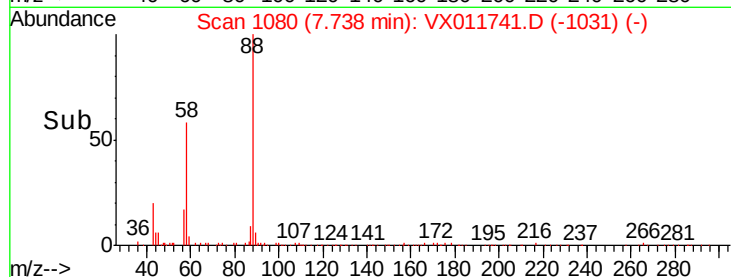
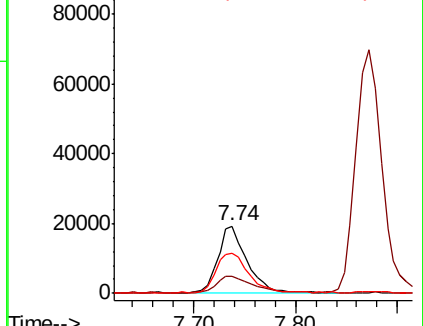
58 65.0 54.3 81.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.734 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011741.D

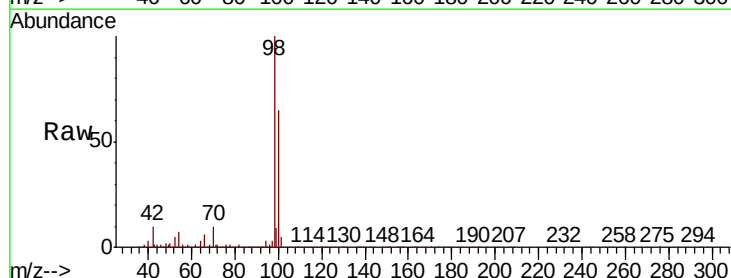
Acq: 21 Aug 2019 19:49

Tgt Ion: 98 Resp: 486057

Ion Ratio Lower Upper

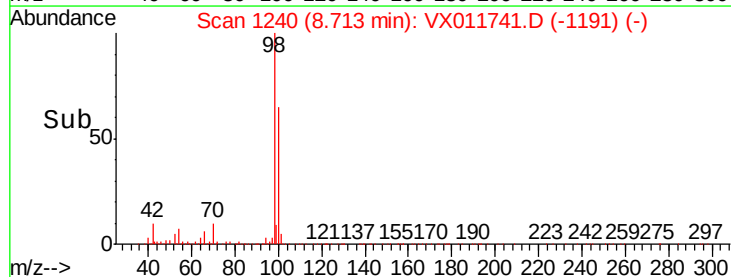
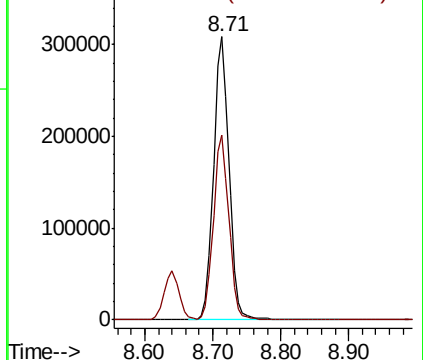
98 100

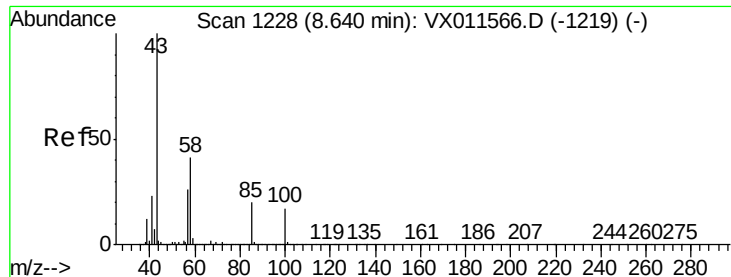
100 64.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

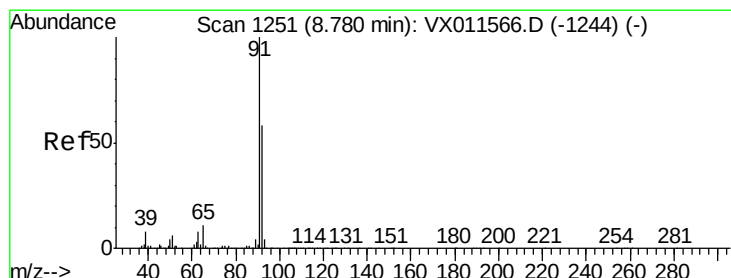
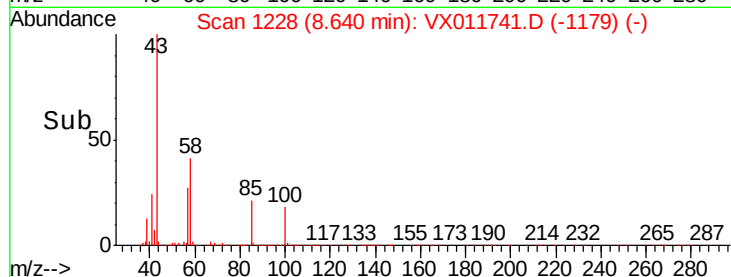
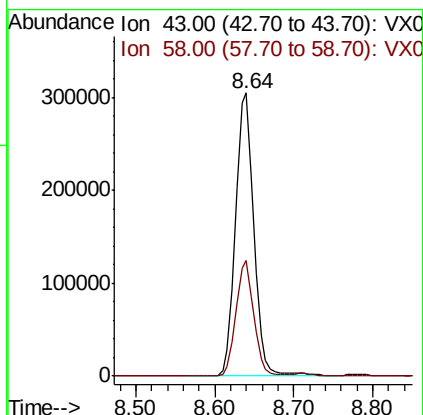
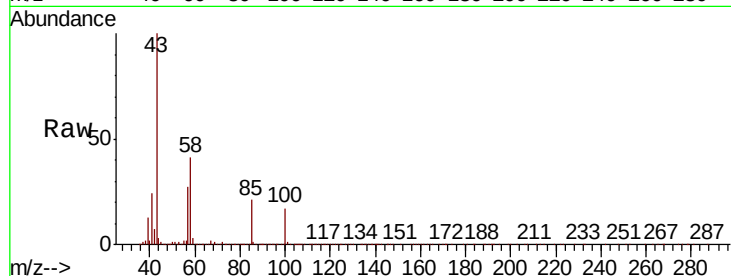




#51
 4-Methyl-2-Pentanone
 Concen: 104.819 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

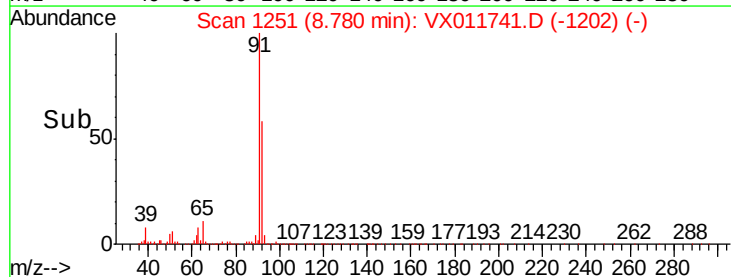
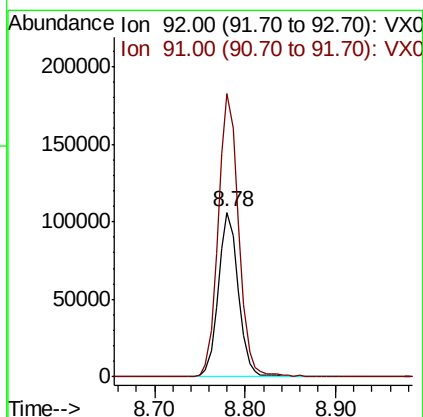
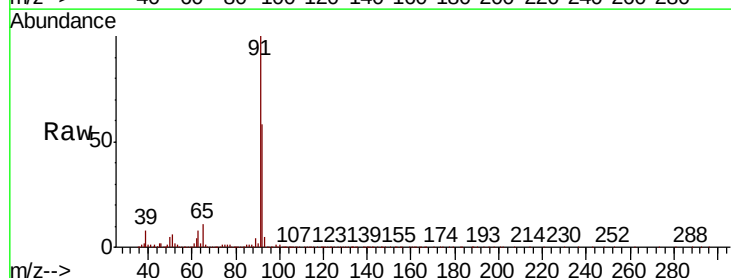
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

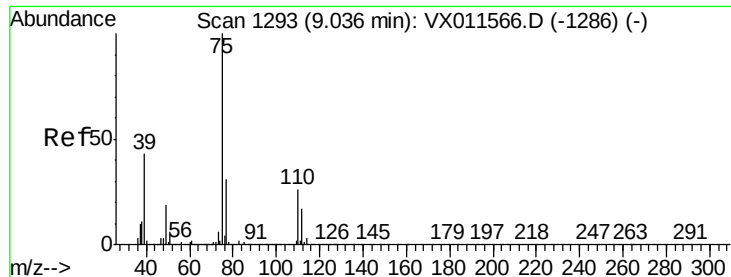
Tgt Ion: 43 Resp: 494988
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.8 47.6



#52
 Toluene
 Concen: 20.601 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion: 92 Resp: 163927
 Ion Ratio Lower Upper
 92 100
 91 174.6 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 19.908 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

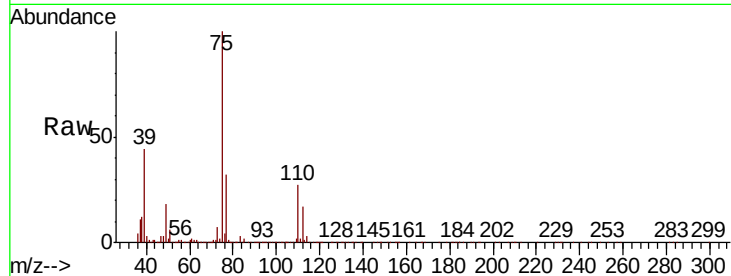
VX0821WBS02

Tgt Ion: 75 Resp: 85874

Ion Ratio Lower Upper

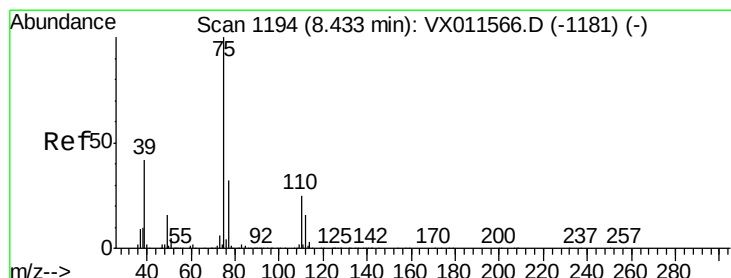
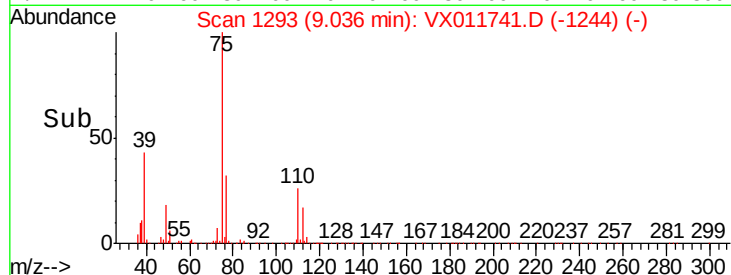
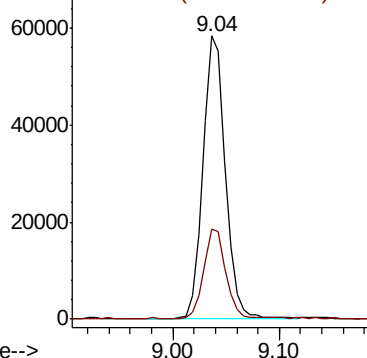
75 100

77 31.5 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.197 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

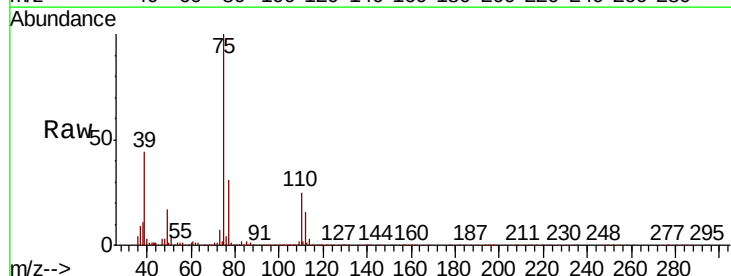
Tgt Ion: 75 Resp: 95344

Ion Ratio Lower Upper

75 100

77 30.6 25.5 38.3

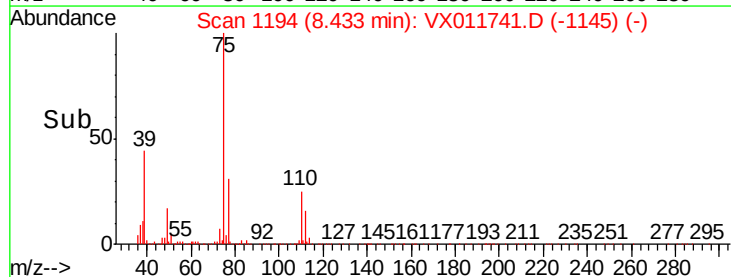
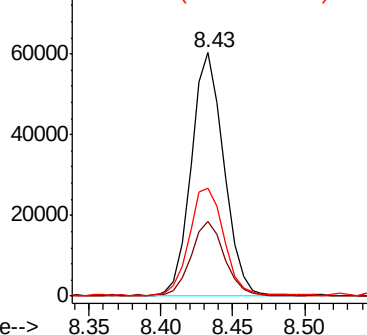
39 44.0 33.6 50.4

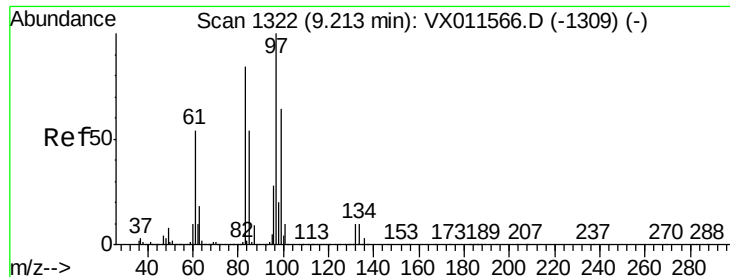


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 21.670 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

Tgt Ion: 97 Resp: 73329

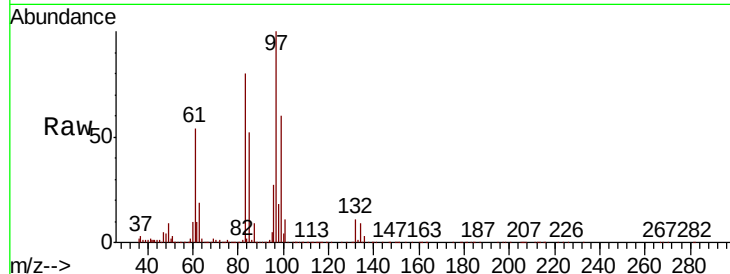
Ion Ratio Lower Upper

97 100

83 79.6 67.4 101.0

85 51.3 43.4 65.2

99 60.0 51.1 76.7



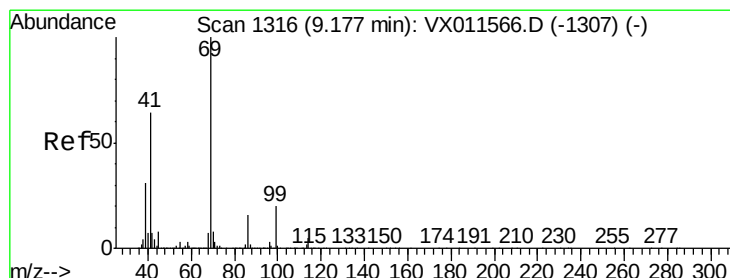
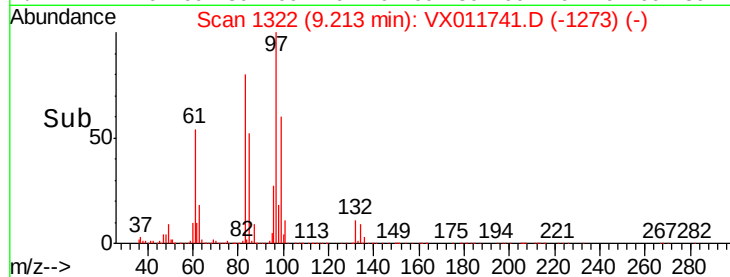
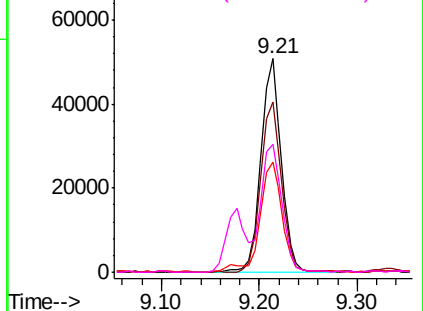
Abundance

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: 21.100 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

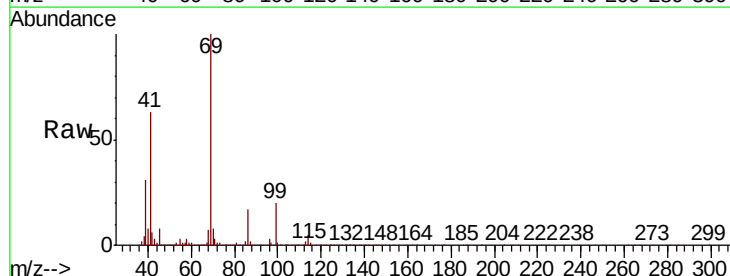
Tgt Ion: 69 Resp: 103775

Ion Ratio Lower Upper

69 100

41 64.4 52.1 78.1

39 31.1 25.4 38.0

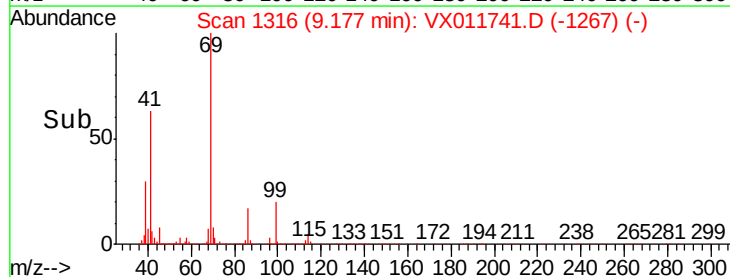
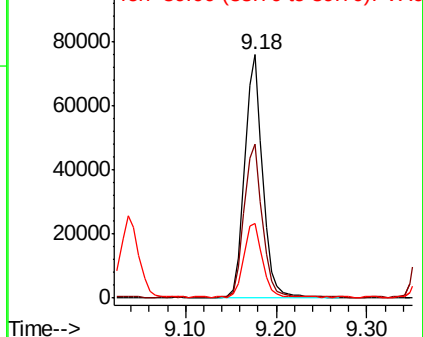


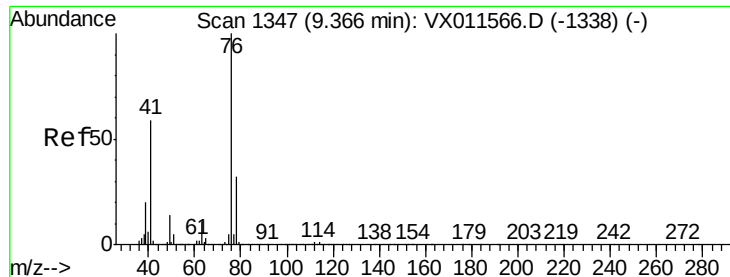
Abundance

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: 21.340 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

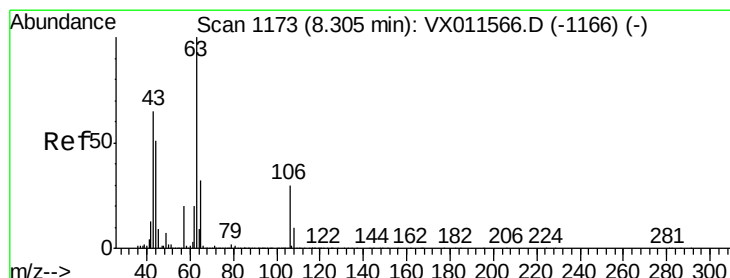
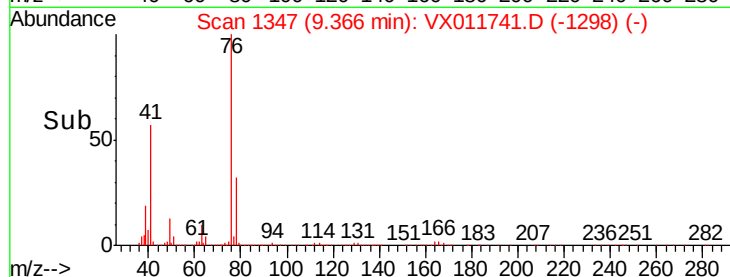
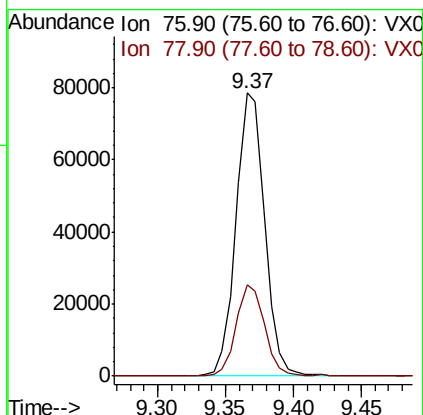
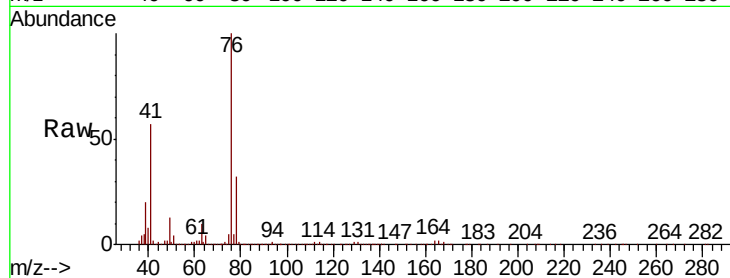
VX0821WBS02

Tgt Ion: 76 Resp: 114787

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.552 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011741.D

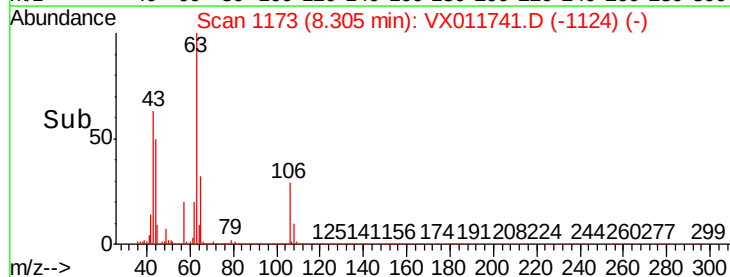
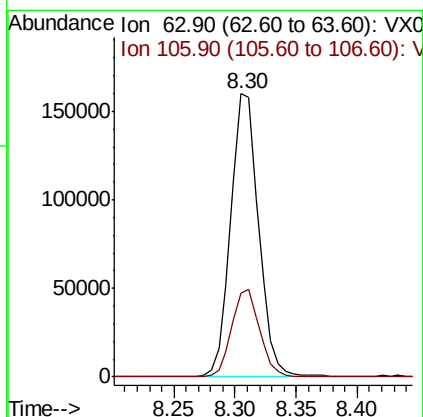
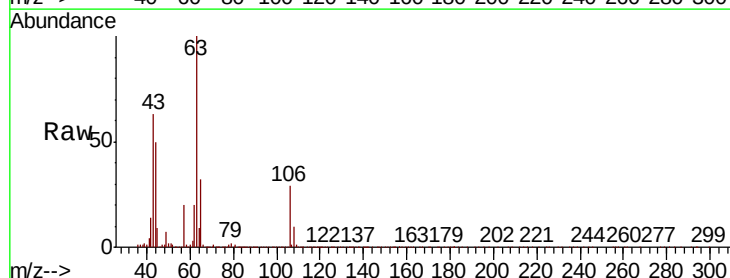
Acq: 21 Aug 2019 19:49

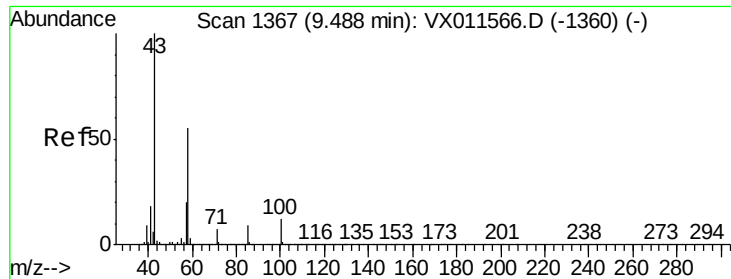
Tgt Ion: 63 Resp: 251313

Ion Ratio Lower Upper

63 100

106 31.0 24.7 37.1

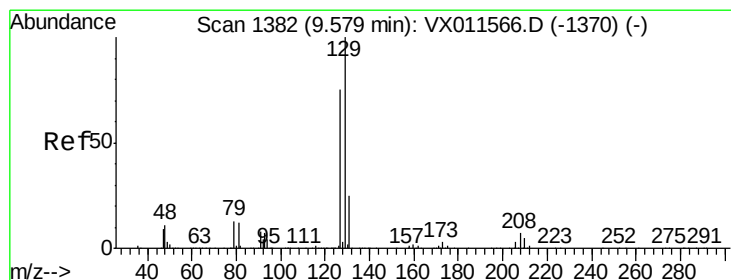
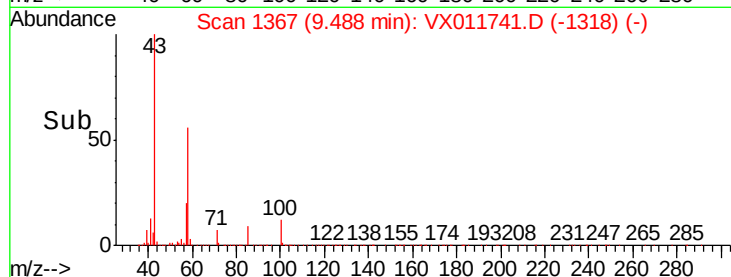
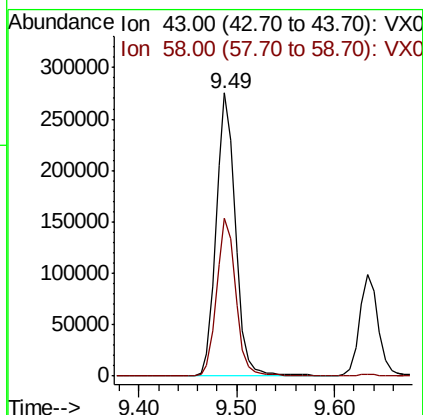
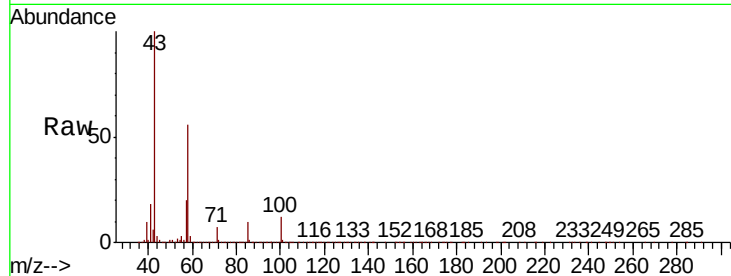




#59
2-Hexanone
Concen: 103.323 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

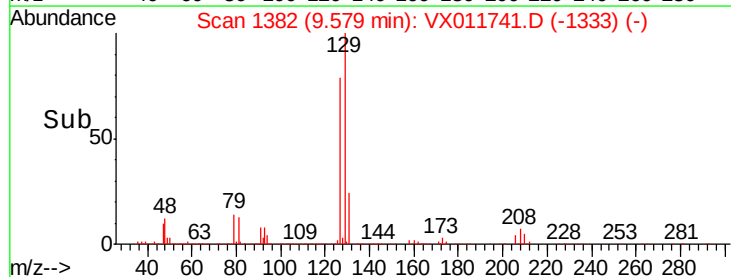
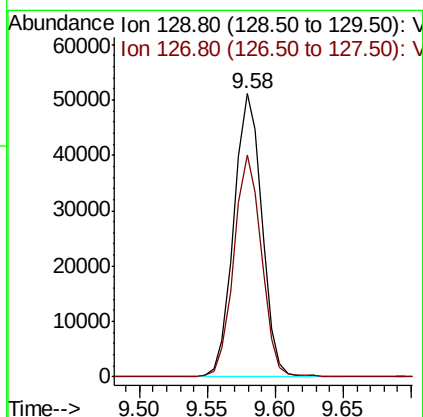
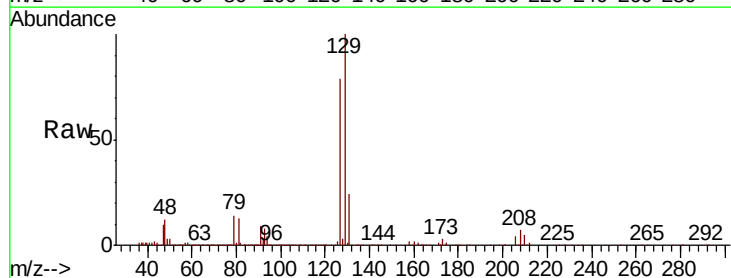
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

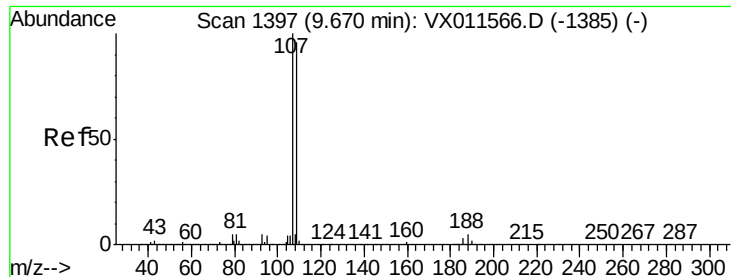
Tgt Ion: 43 Resp: 376265
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.4



#60
Dibromochloromethane
Concen: 20.886 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion: 129 Resp: 73637
Ion Ratio Lower Upper
129 100
127 77.1 38.0 114.1





#61

1,2-Dibromoethane

Concen: 21.306 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

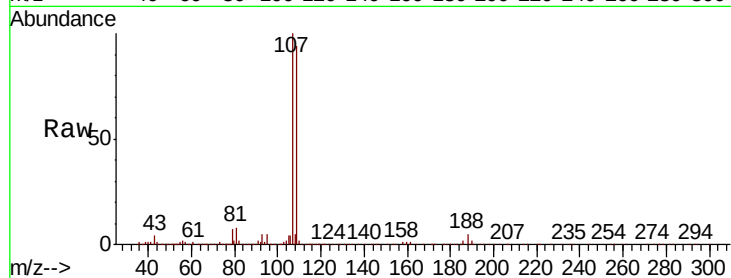
VX0821WBS02

Tgt Ion: 107 Resp: 76944

Ion Ratio Lower Upper

107 100

109 94.0 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

50000

40000

30000

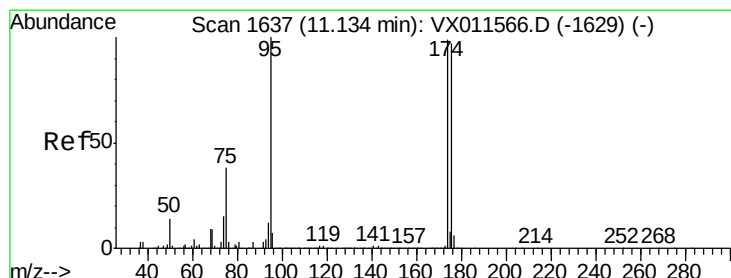
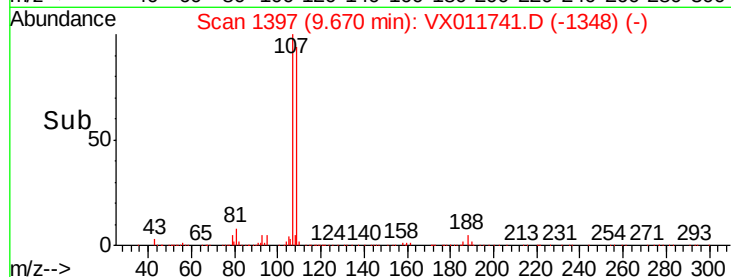
20000

10000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.737 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

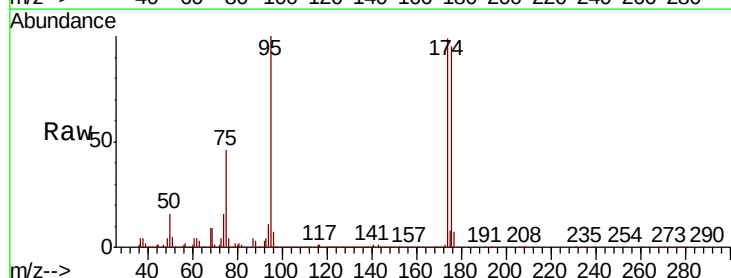
Tgt Ion: 95 Resp: 201128

Ion Ratio Lower Upper

95 100

174 101.4 0.0 200.6

176 98.4 0.0 196.6



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

200000

150000

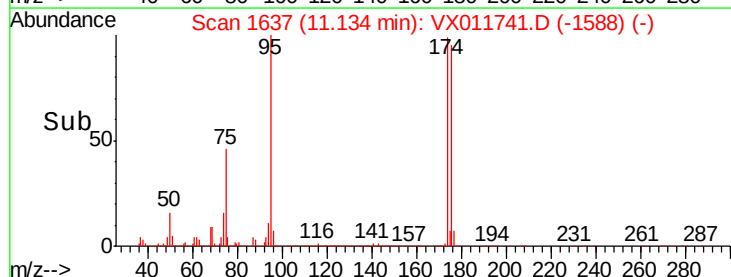
100000

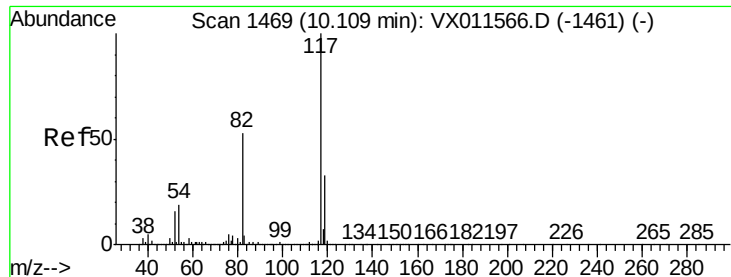
50000

0

11.10 11.15 11.20

Time-->

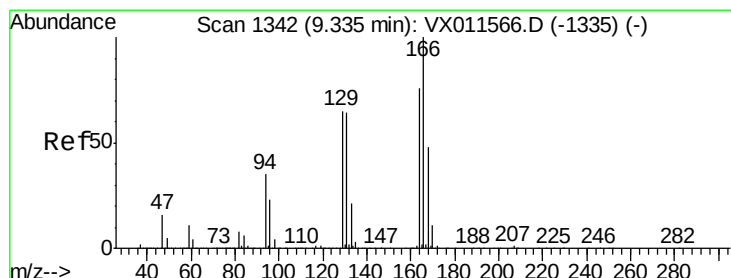
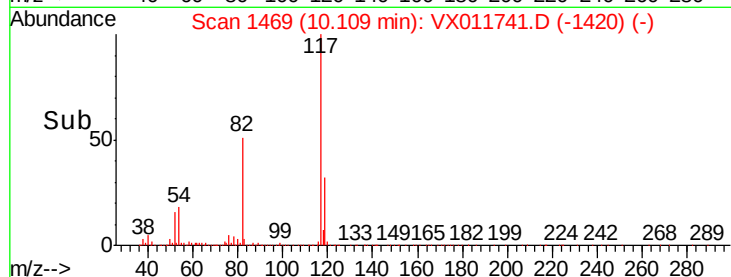
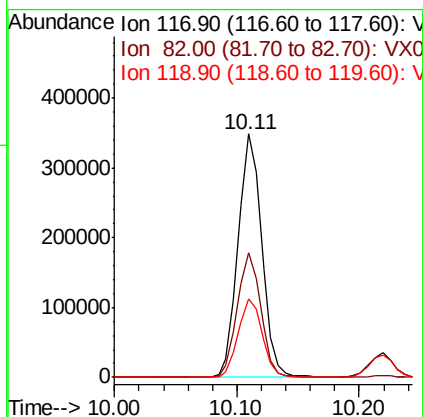
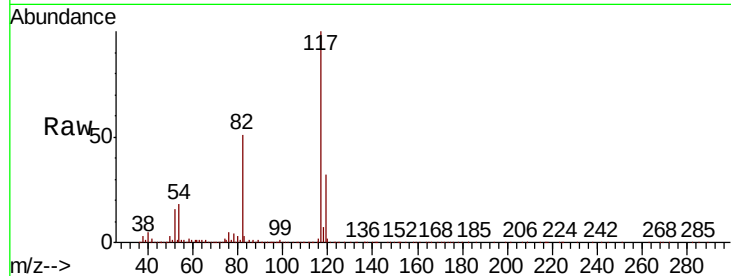




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

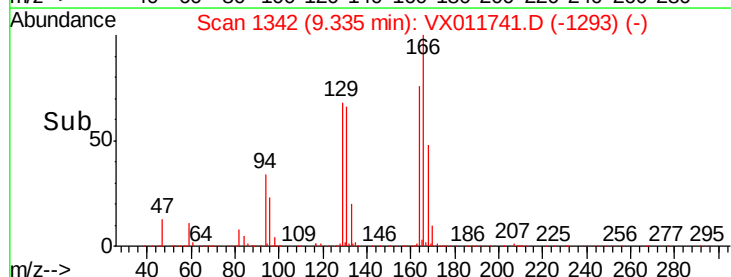
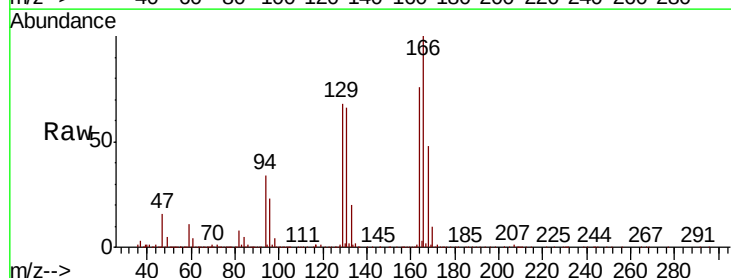
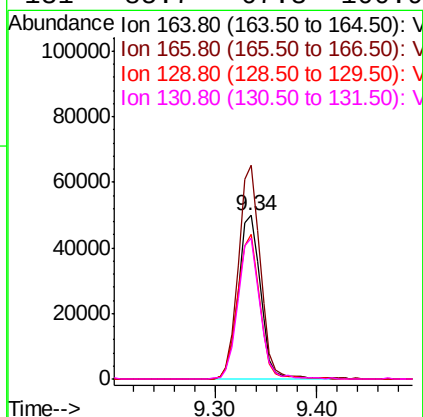
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

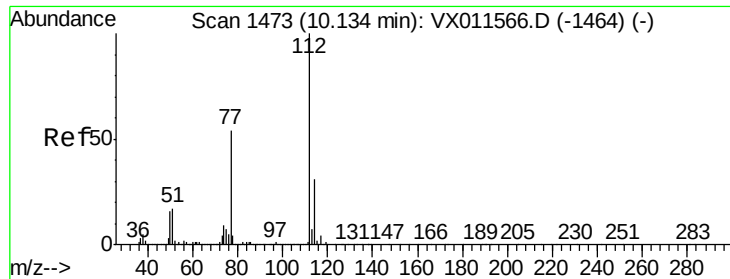
Tgt Ion:117 Resp: 467062
Ion Ratio Lower Upper
117 100
82 51.2 42.0 63.0
119 32.3 26.5 39.7



#64
Tetrachloroethene
Concen: 19.788 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion:164 Resp: 75831
Ion Ratio Lower Upper
164 100
166 130.7 104.7 157.1
129 88.3 68.2 102.4
131 85.7 67.3 100.9

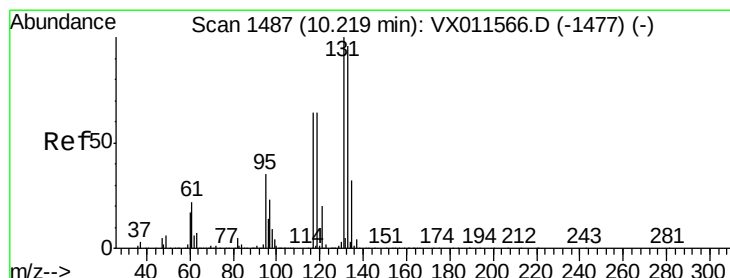
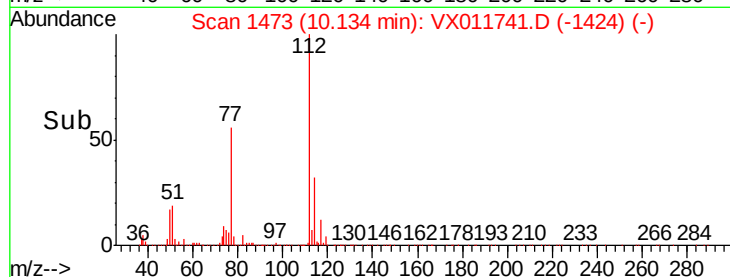
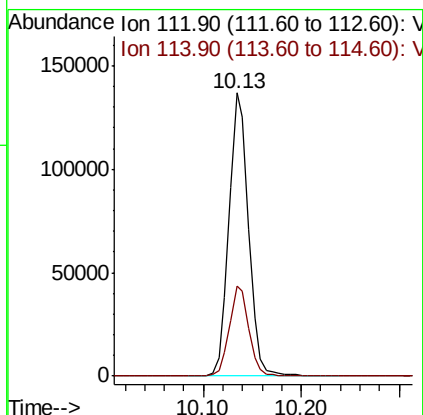
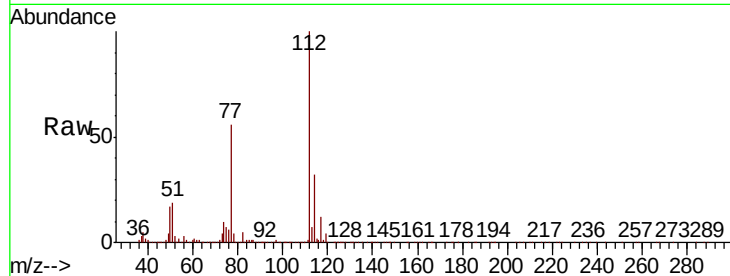




#65
Chlorobenzene
Concen: 19.017 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

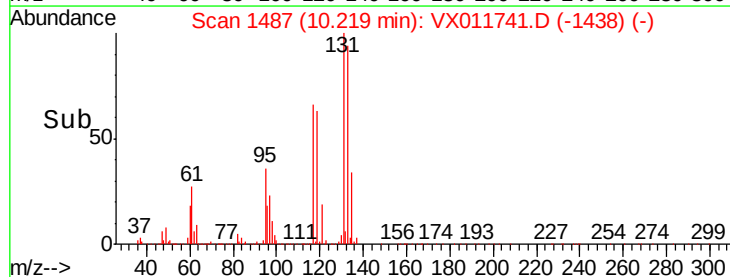
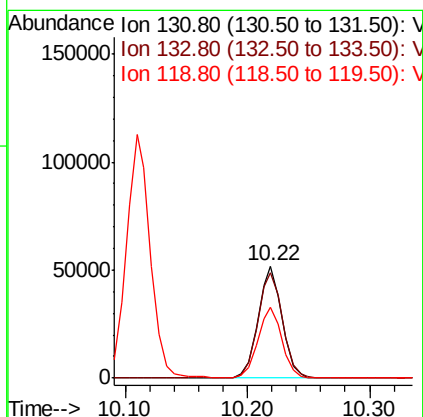
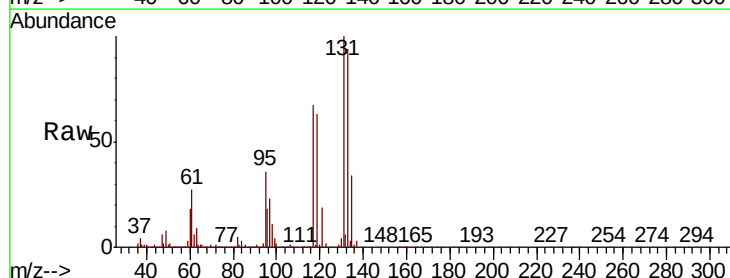
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

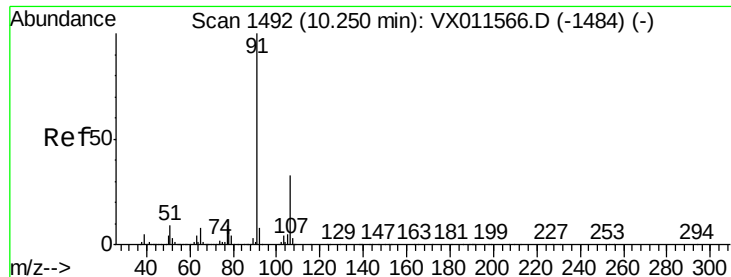
Tgt Ion:112 Resp: 189447
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.966 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion:131 Resp: 70618
Ion Ratio Lower Upper
131 100
133 97.8 48.1 144.4
119 63.5 31.3 93.8





#67

Ethyl Benzene

Concen: 19.003 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

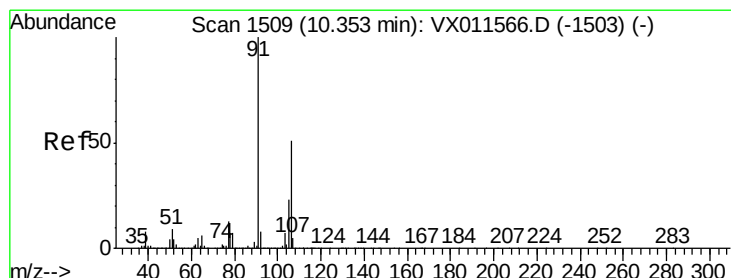
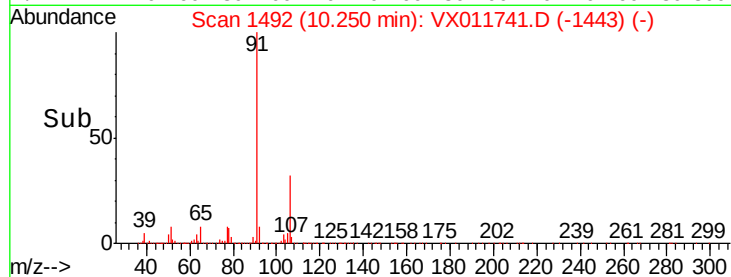
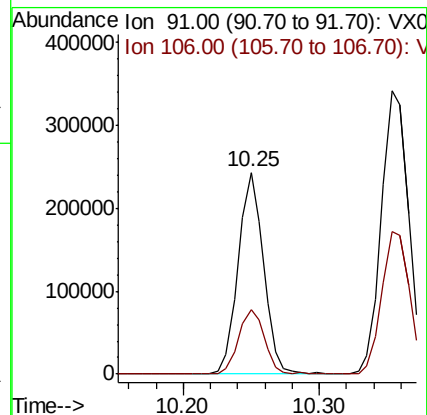
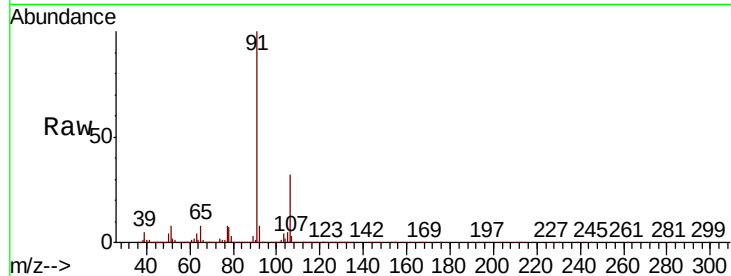
VX0821WBS02

Tgt Ion: 91 Resp: 315944

Ion Ratio Lower Upper

91 100

106 31.7 26.0 39.0



#68

m/p-Xylenes

Concen: 38.588 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VX011741.D

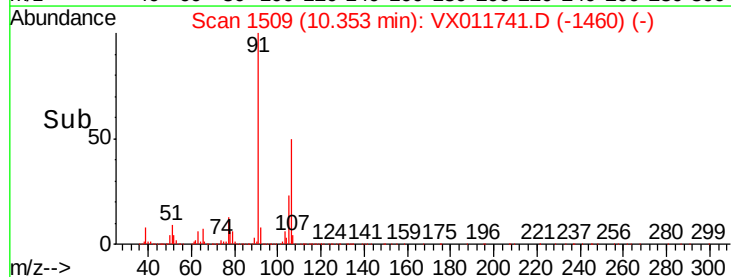
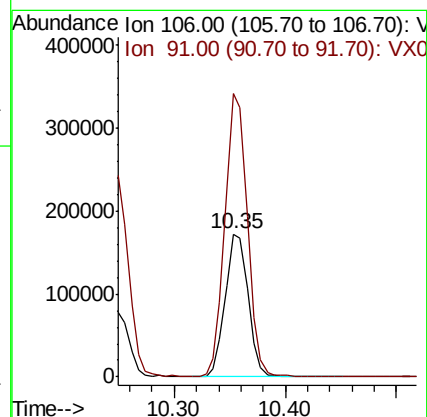
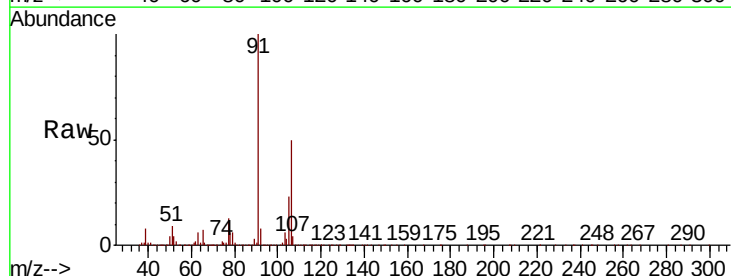
Acq: 21 Aug 2019 19:49

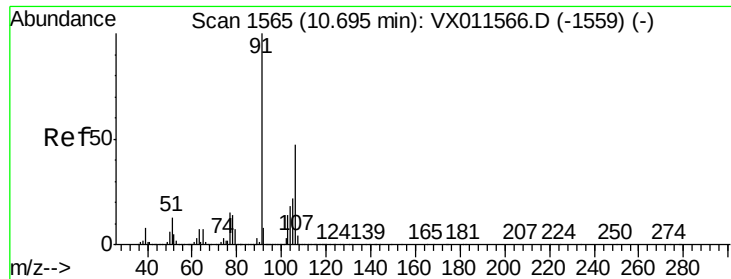
Tgt Ion: 106 Resp: 246261

Ion Ratio Lower Upper

106 100

91 194.5 156.0 234.0

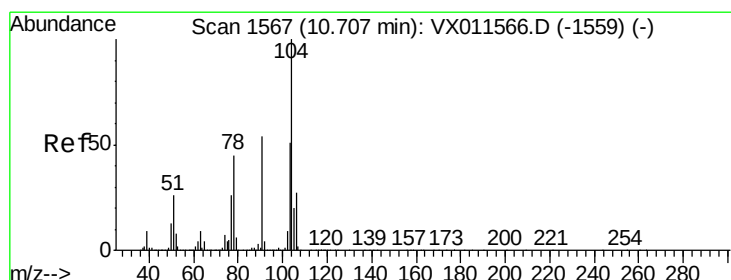
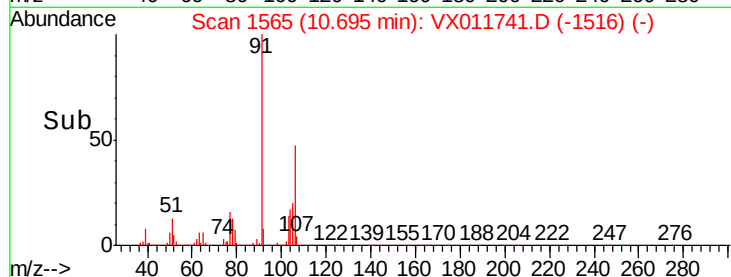
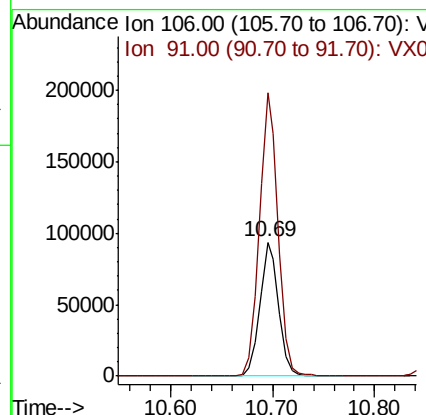
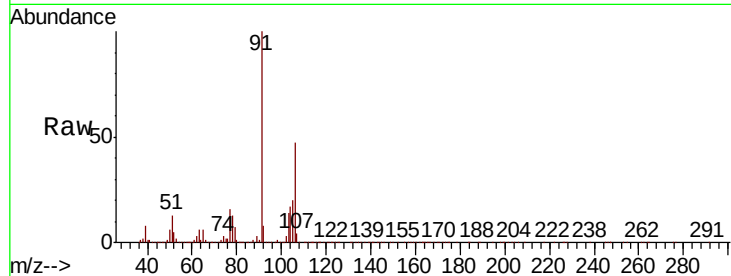




#69
o-Xylene
Concen: 19.184 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

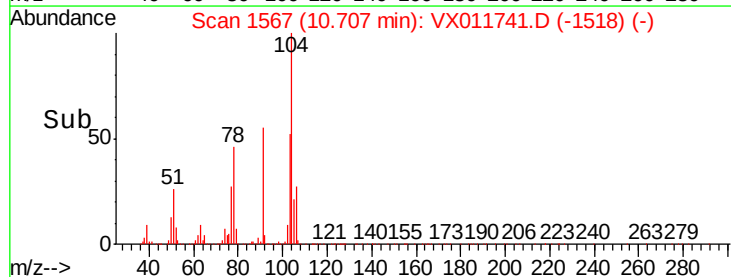
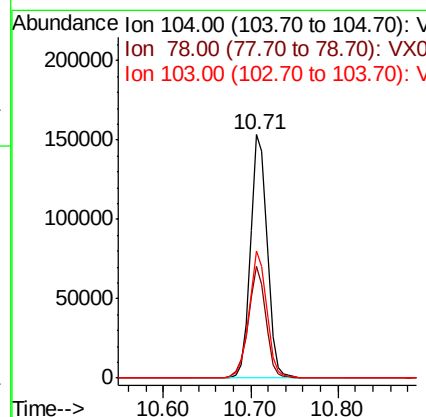
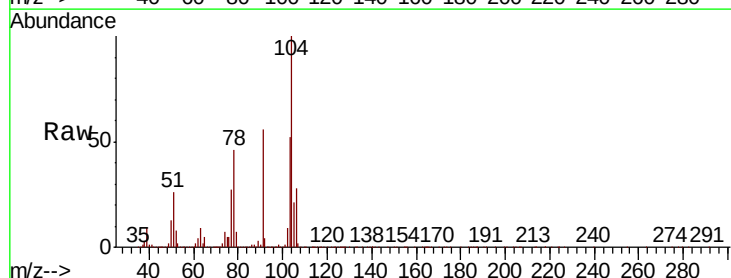
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

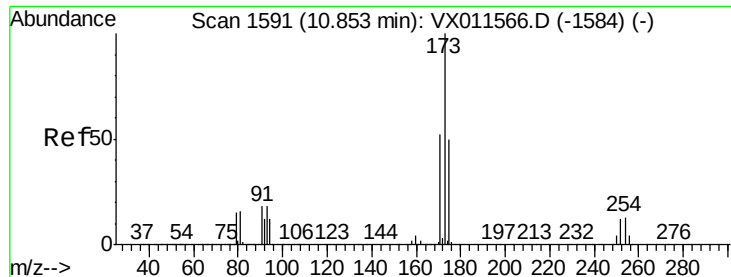
Tgt Ion:106 Resp: 119923
Ion Ratio Lower Upper
106 100
91 211.6 105.5 316.4



#70
Styrene
Concen: 19.286 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion:104 Resp: 202953
Ion Ratio Lower Upper
104 100
78 48.2 38.2 57.4
103 55.0 43.6 65.4





#71

Bromoform

Concen: 18.083 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

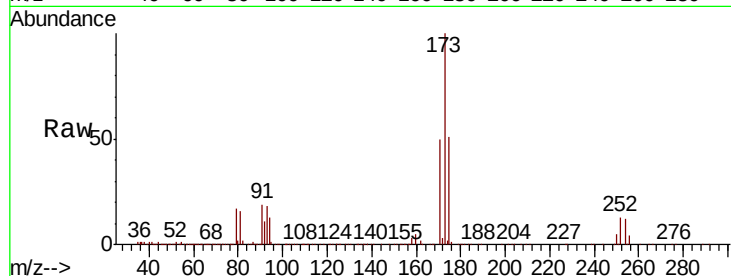
Tgt Ion:173 Resp: 57294

Ion Ratio Lower Upper

173 100

175 50.0 24.9 74.7

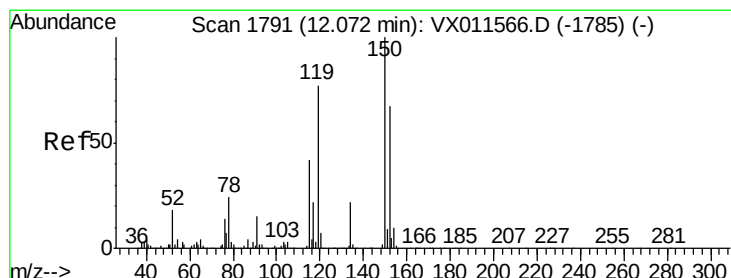
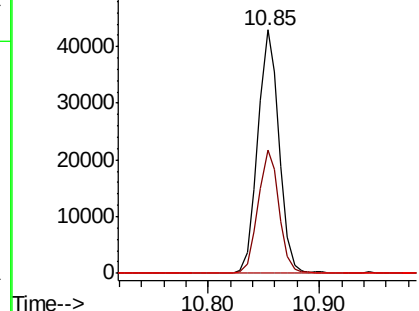
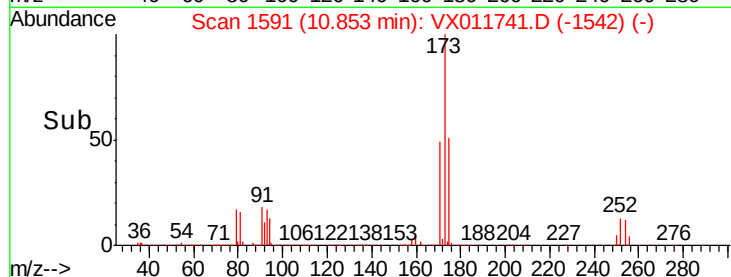
254 0.3 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

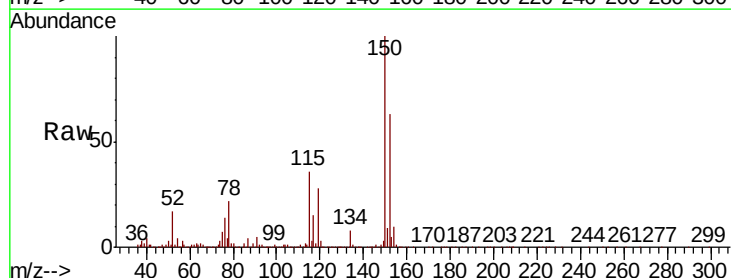
Tgt Ion:152 Resp: 253630

Ion Ratio Lower Upper

152 100

115 60.3 37.3 111.9

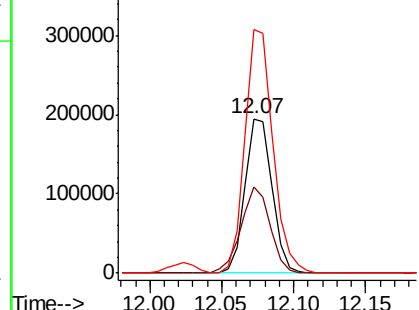
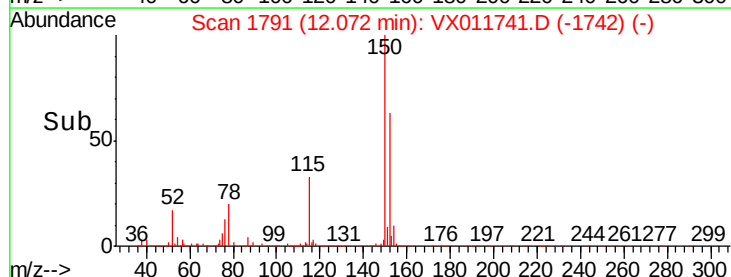
150 163.0 0.0 346.2

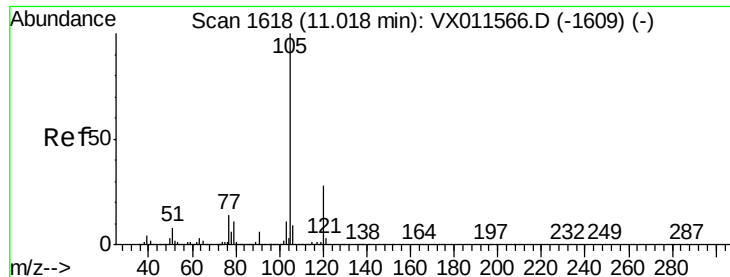


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.609 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

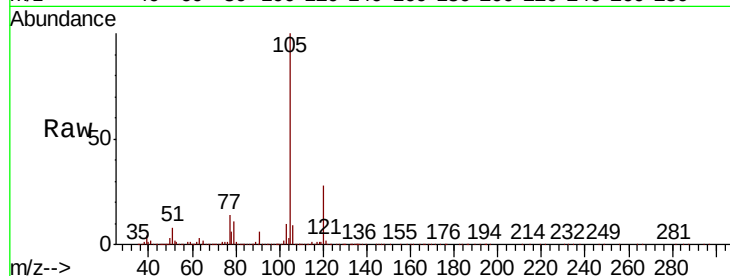
VX0821WBS02

Tgt Ion: 105 Resp: 322723

Ion Ratio Lower Upper

105 100

120 27.5 14.0 41.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

250000

200000

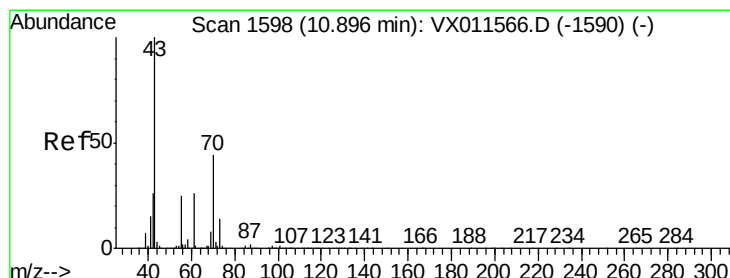
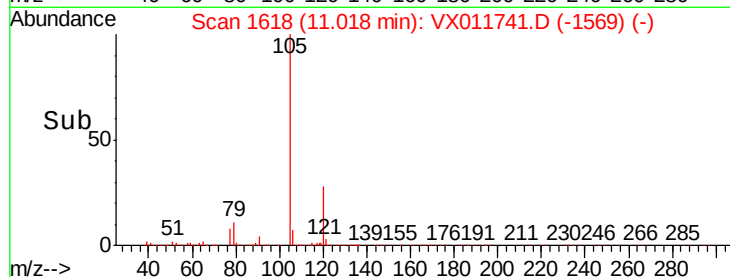
150000

100000

50000

0

Time--> 10.95 11.00 11.05 11.10



#74

N-amyl acetate

Concen: 17.643 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion: 43 Resp: 123395

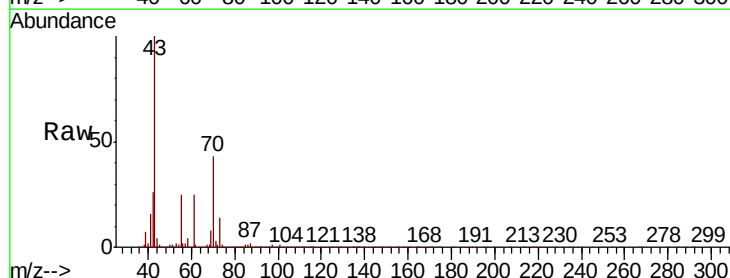
Ion Ratio Lower Upper

43 100

70 42.9 34.7 52.1

55 25.1 19.6 29.4

61 24.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

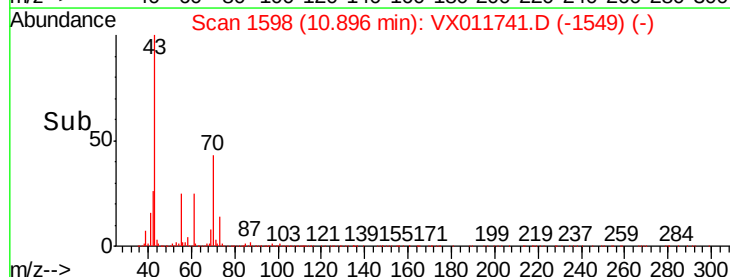
150000

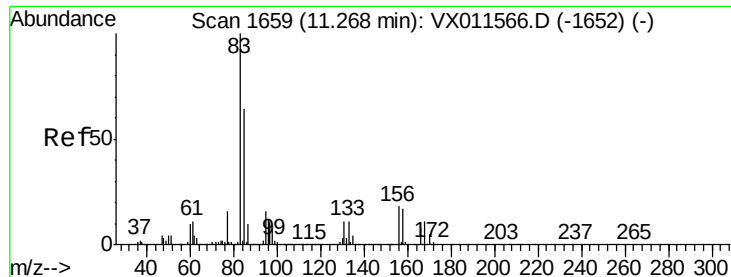
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.131 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampled :

VX0821WBS02

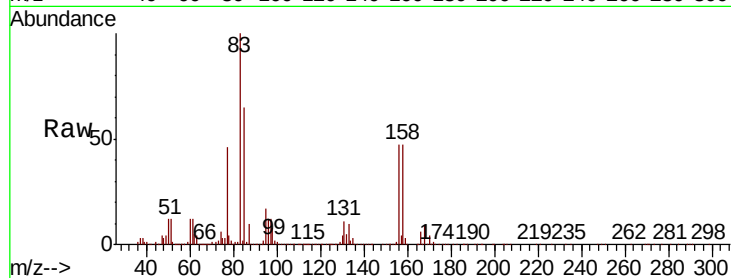
Tgt Ion: 83 Resp: 108312

Ion Ratio Lower Upper

83 100

131 12.1 5.8 17.3

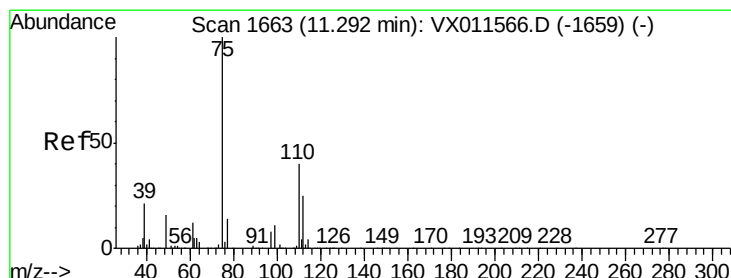
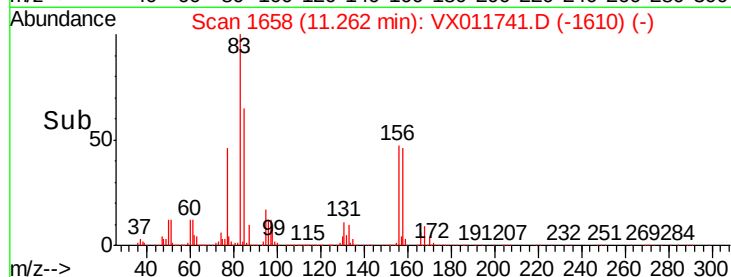
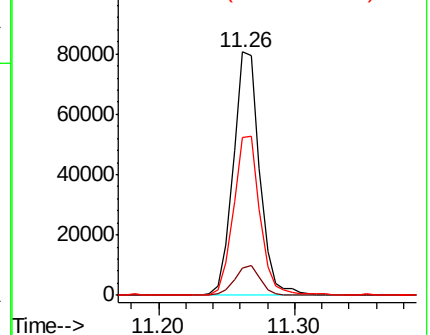
85 65.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.096 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011741.D

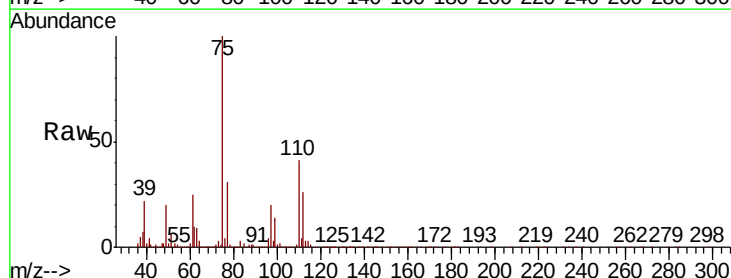
Acq: 21 Aug 2019 19:49

Tgt Ion: 75 Resp: 115886

Ion Ratio Lower Upper

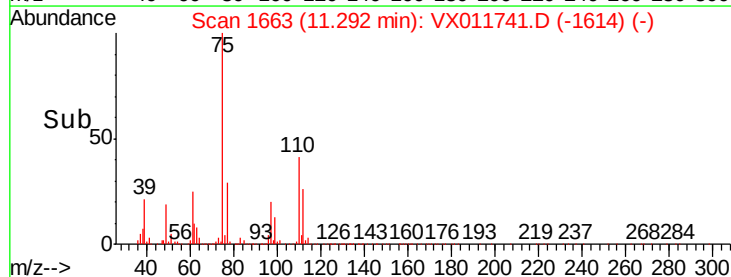
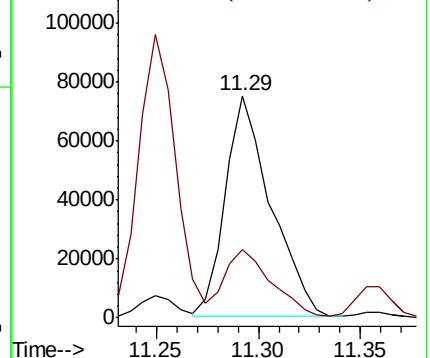
75 100

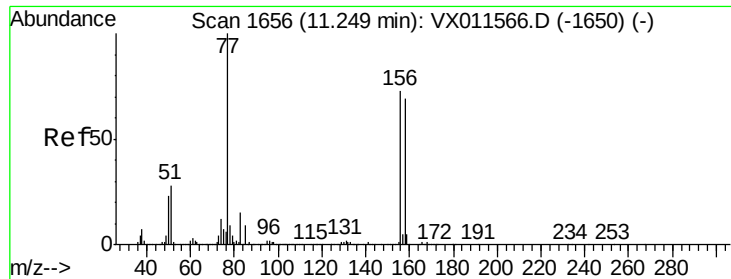
77 32.4 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.647 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

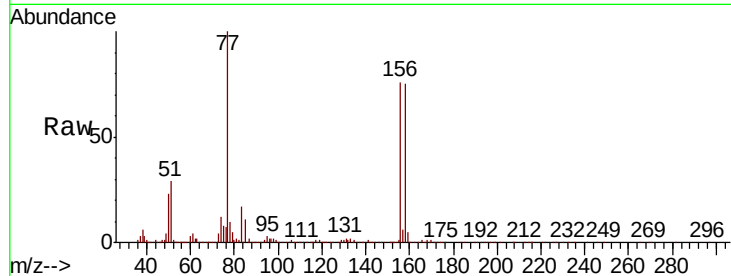
Tgt Ion:156 Resp: 96201

Ion Ratio Lower Upper

156 100

77 126.9 64.6 193.9

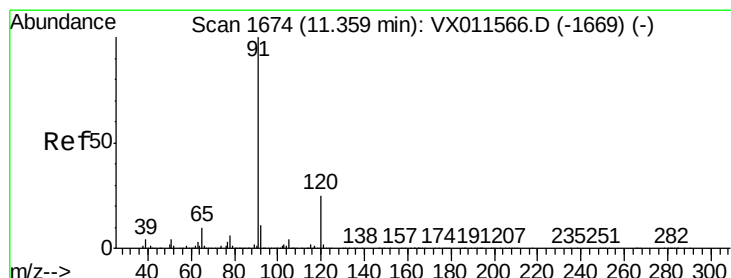
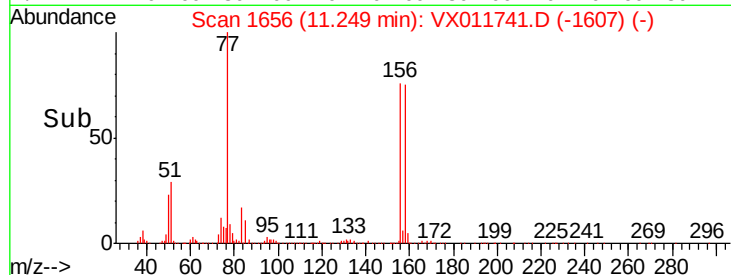
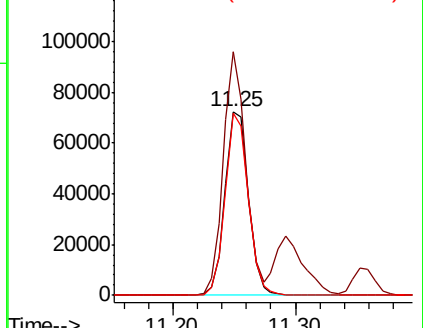
158 97.3 48.4 145.3



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: 19.448 ug/l

RT: 11.35 min Scan# 1673

Delta R.T. -0.01 min

Lab File: VX011741.D

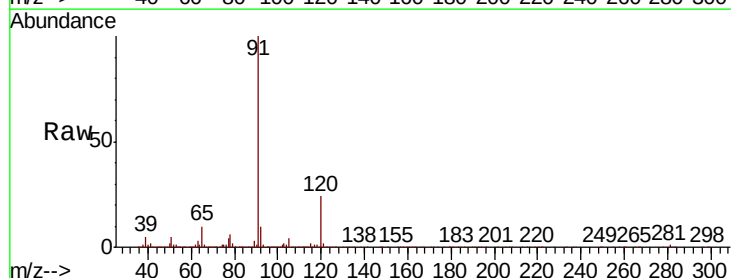
Acq: 21 Aug 2019 19:49

Tgt Ion: 91 Resp: 345140

Ion Ratio Lower Upper

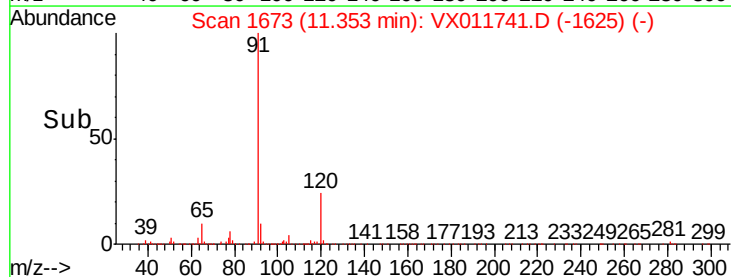
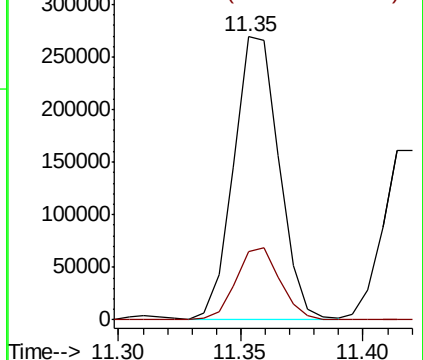
91 100

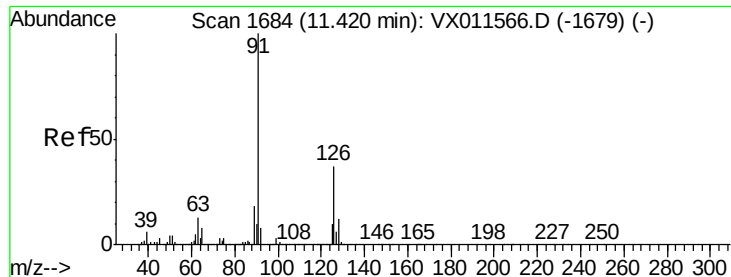
120 25.0 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.628 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

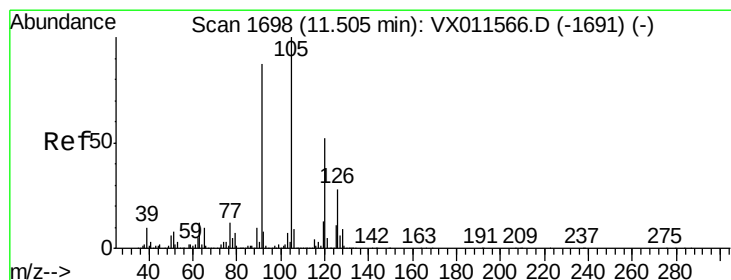
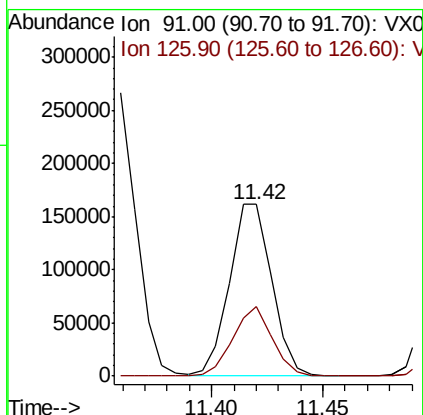
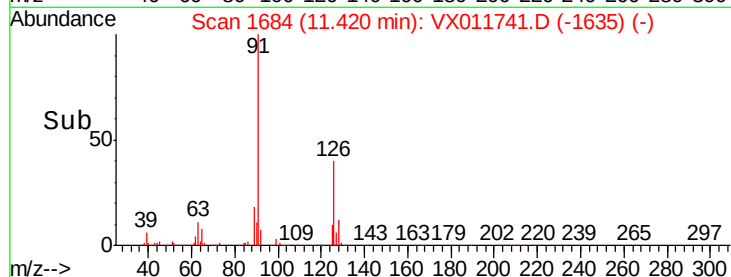
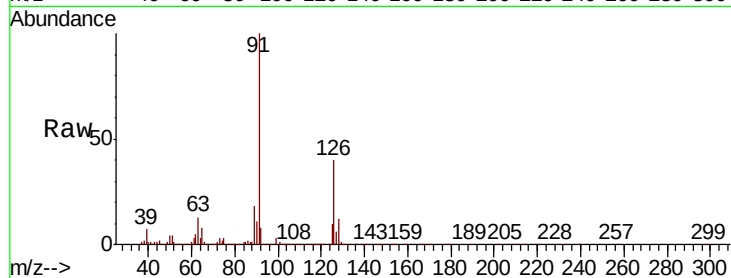
VX0821WBS02

Tgt Ion: 91 Resp: 213887

Ion Ratio Lower Upper

91 100

126 37.5 18.4 55.0



#80

1,3,5-Trimethylbenzene

Concen: 19.685 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011741.D

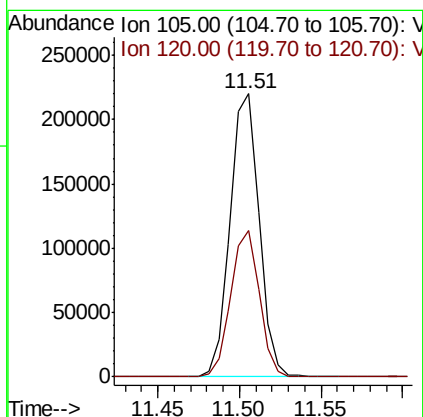
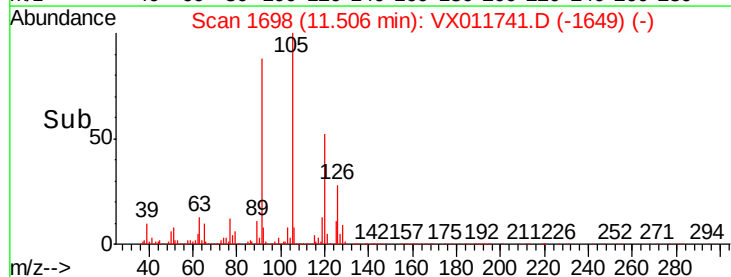
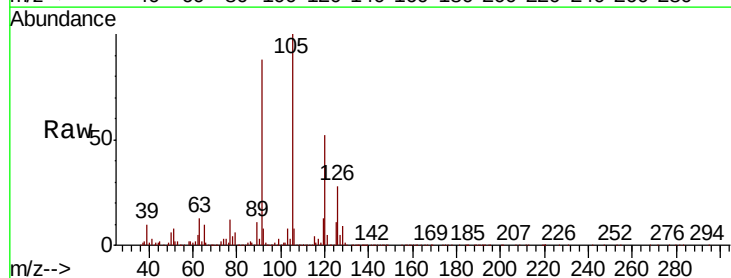
Acq: 21 Aug 2019 19:49

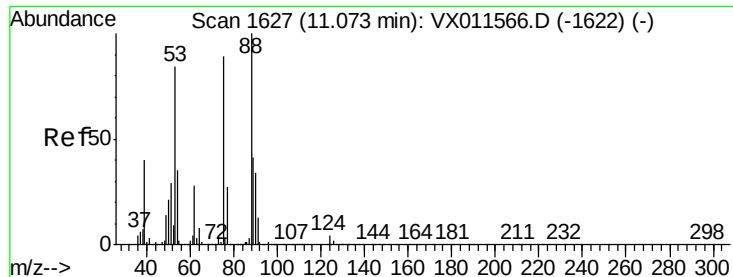
Tgt Ion: 105 Resp: 272143

Ion Ratio Lower Upper

105 100

120 50.9 25.3 75.8

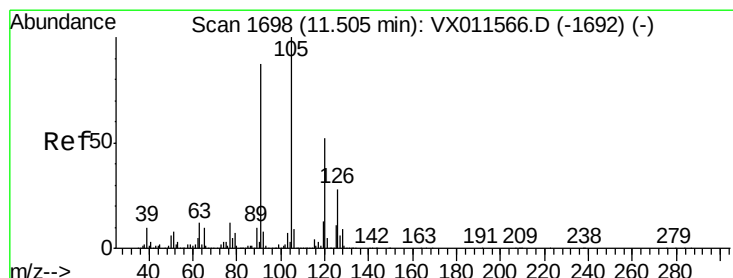
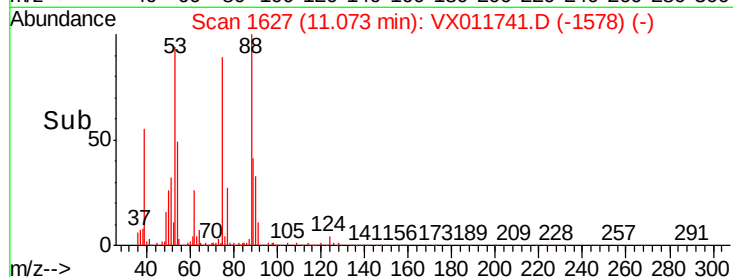
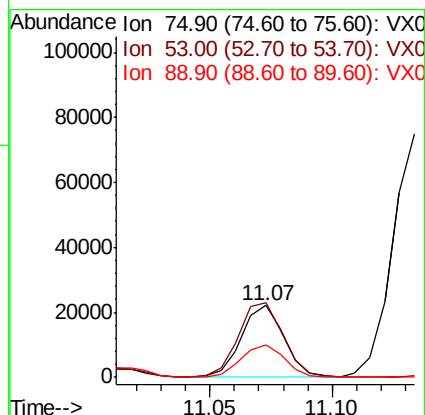
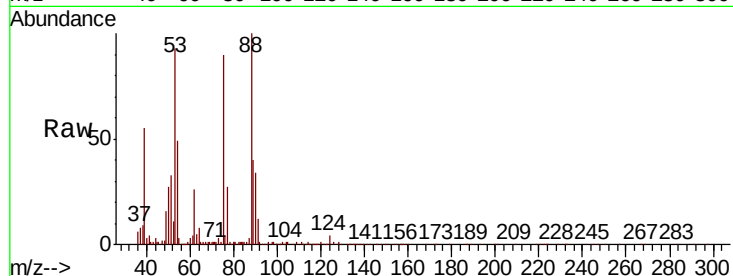




#81
trans-1,4-Dichloro-2-butene
Concen: 18.097 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

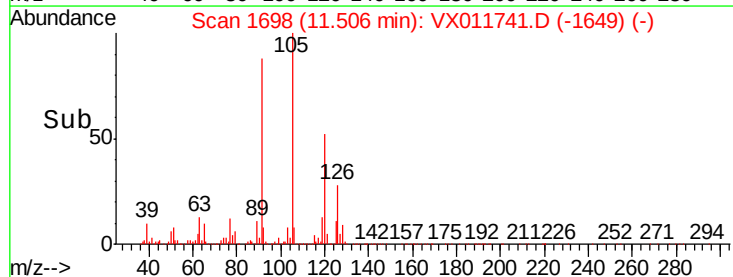
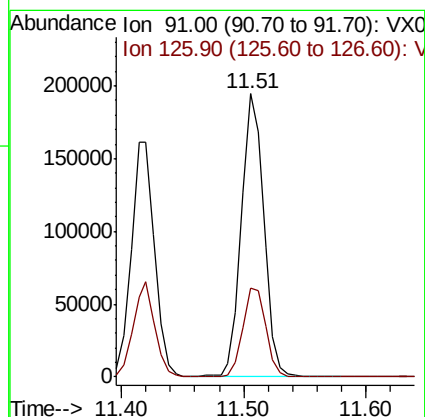
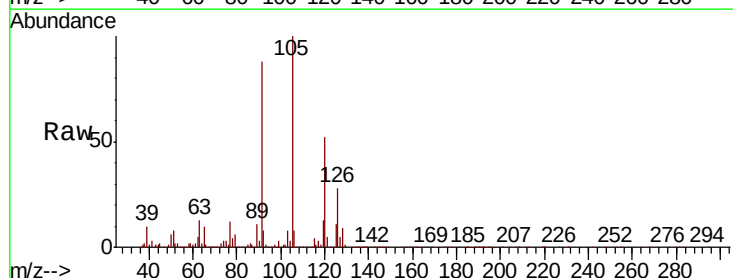
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

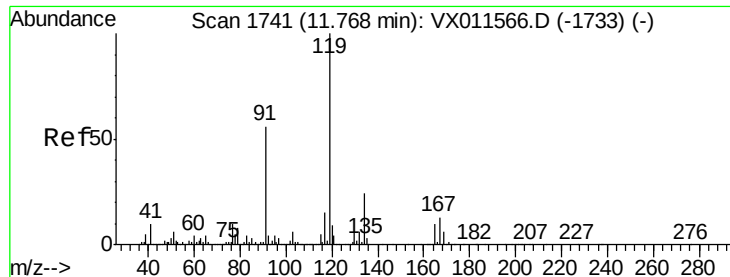
Tgt Ion: 75 Resp: 26546
Ion Ratio Lower Upper
75 100
53 108.2 77.4 116.0
89 46.1 37.3 55.9



#82
4-Chlorotoluene
Concen: 19.416 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion: 91 Resp: 245461
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.1

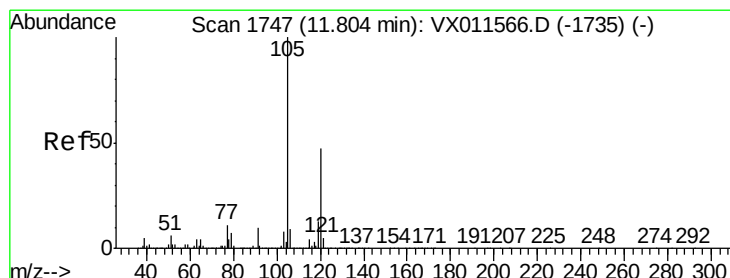
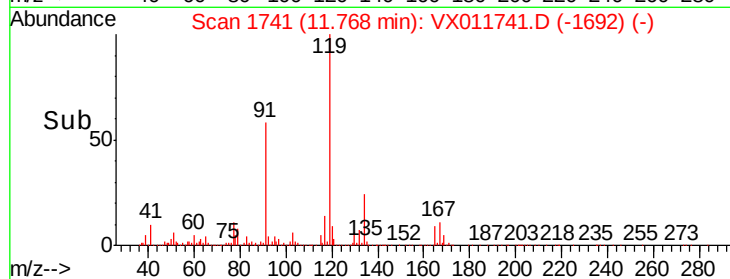
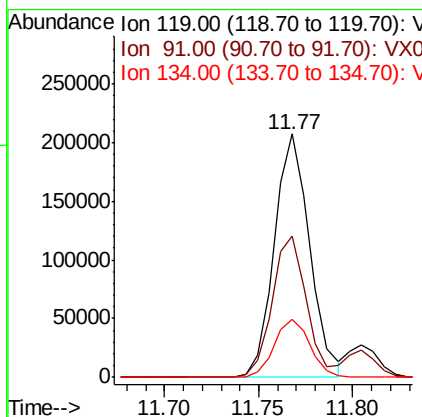
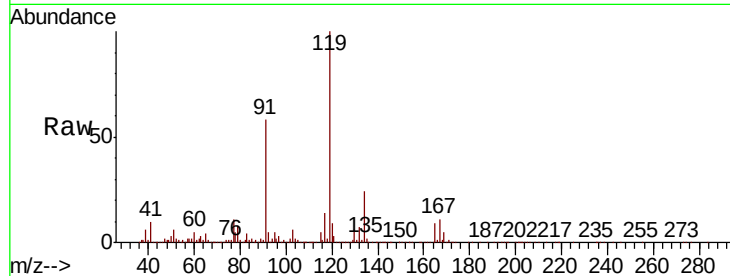




#83
 tert-Butylbenzene
 Concen: 19.126 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

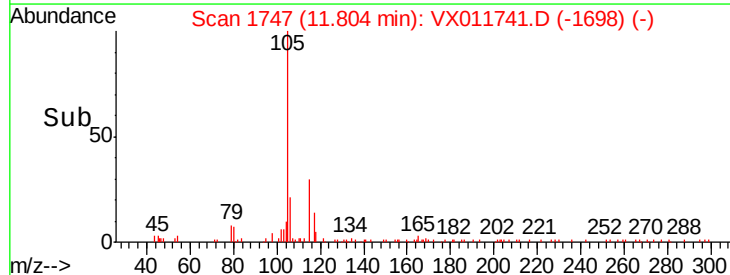
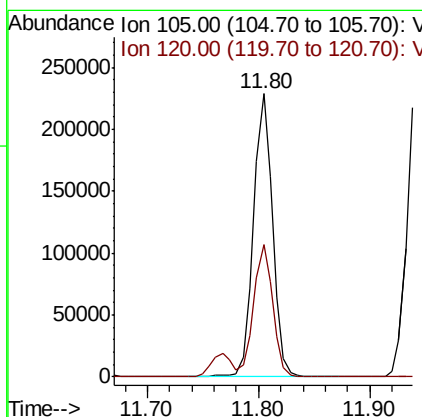
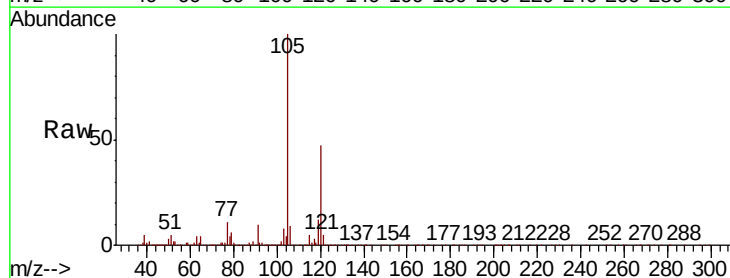
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

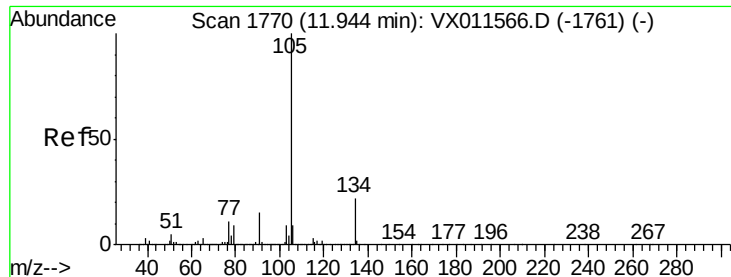
Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.8	27.1	81.3
134	24.3	11.8	35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 19.594 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.3	69.9





#85

sec-Butylbenzene

Concen: 19.367 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

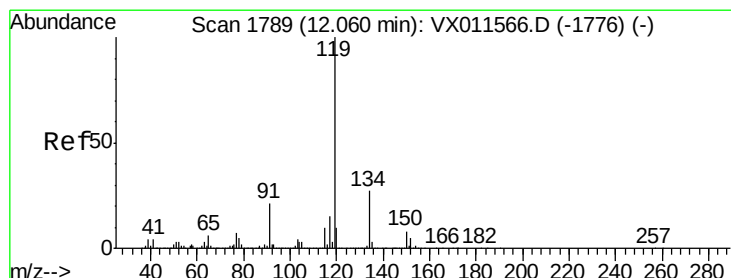
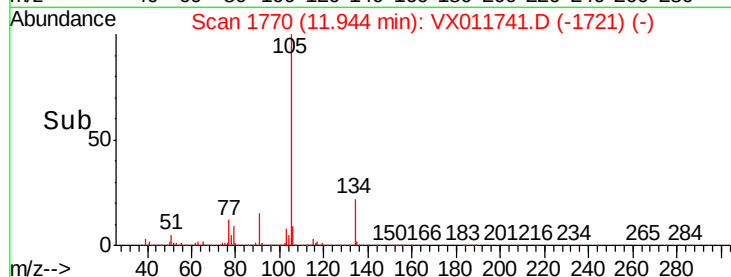
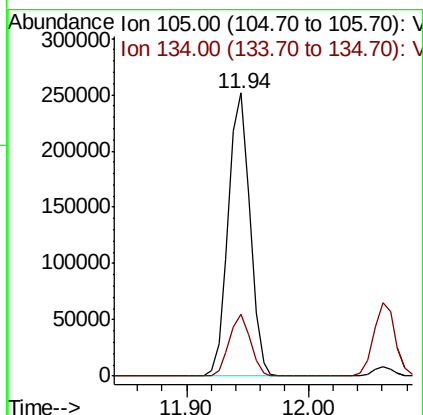
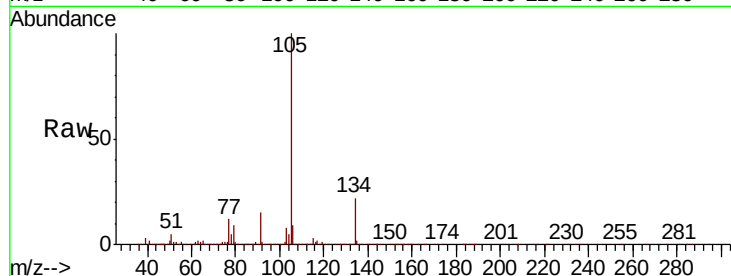
VX0821WBS02

Tgt Ion:105 Resp: 307674

Ion Ratio Lower Upper

105 100

134 21.4 10.8 32.4



#86

p-Isopropyltoluene

Concen: 19.356 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

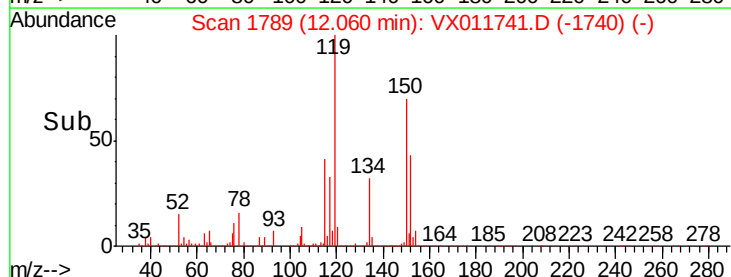
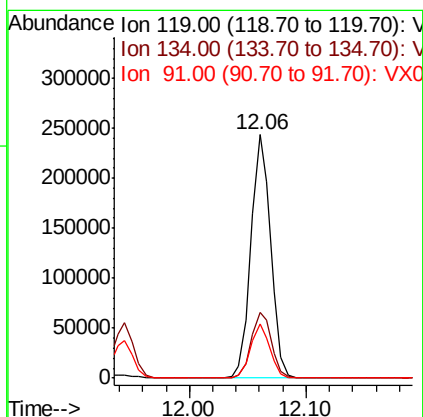
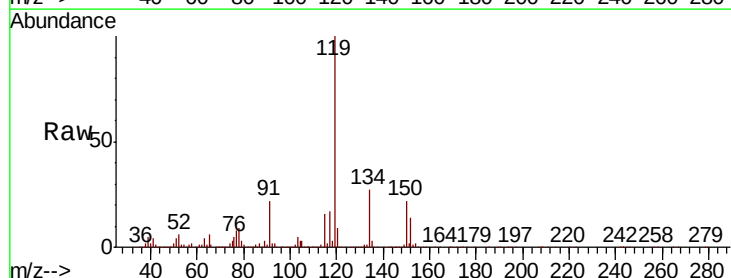
Tgt Ion:119 Resp: 289277

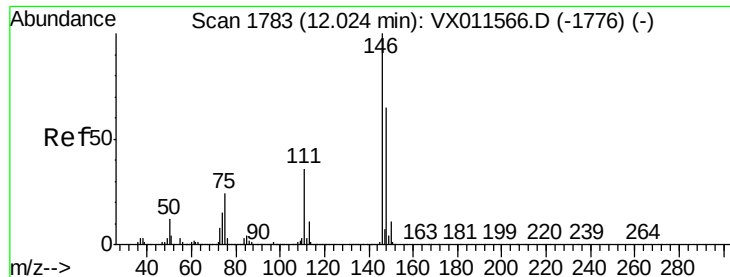
Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.8

91 21.7 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 19.233 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

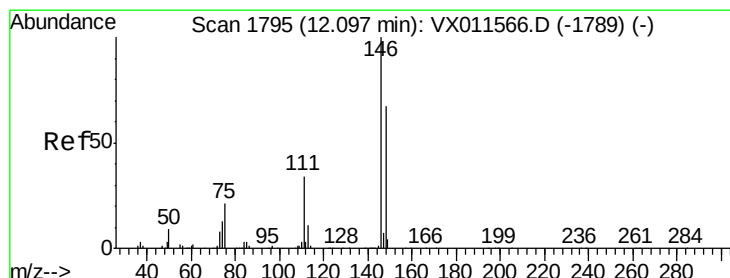
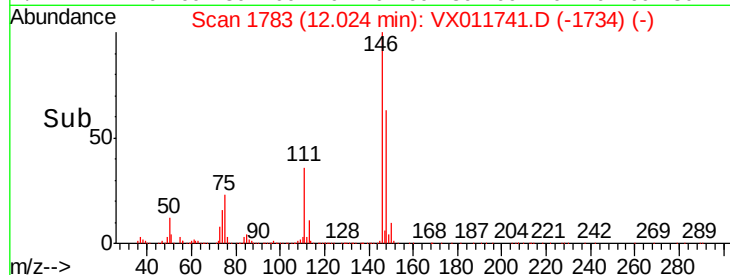
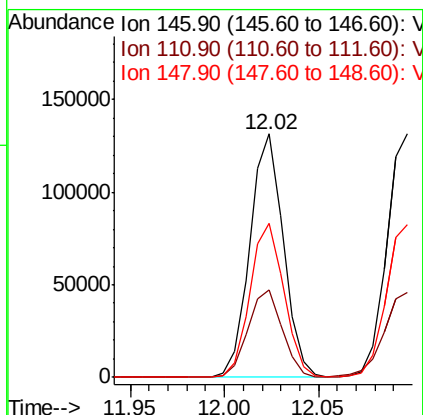
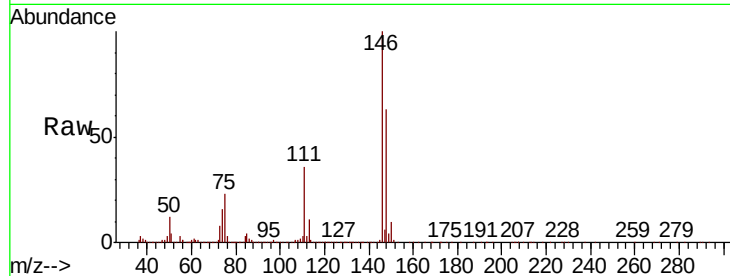
Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

Tgt Ion:146 Resp: 161874

Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.1	54.4
148	64.4	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 18.964 ug/l

RT: 12.10 min Scan# 1795

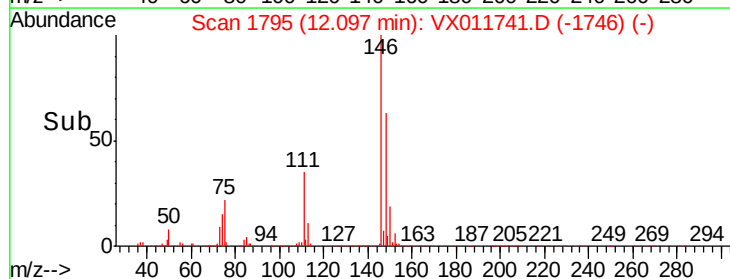
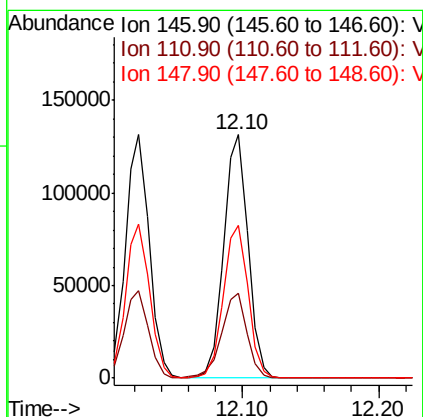
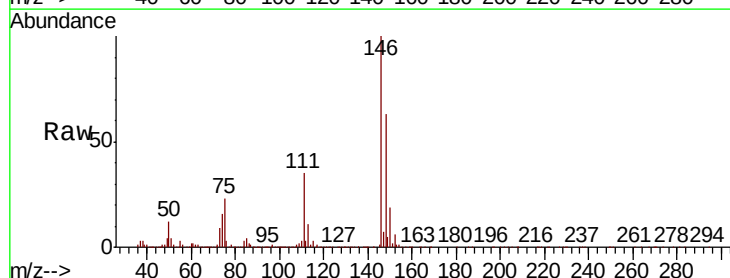
Delta R.T. 0.00 min

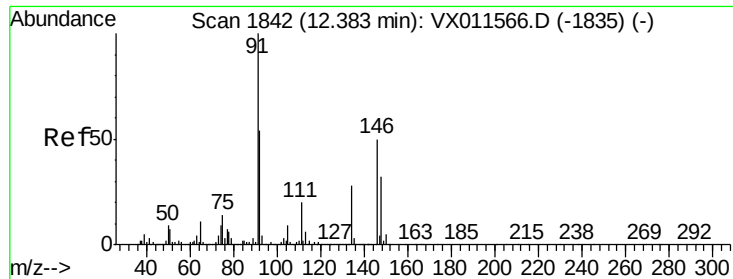
Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Tgt Ion:146 Resp: 161766

Ion	Ratio	Lower	Upper
146	100		
111	36.7	17.9	53.7
148	64.3	32.5	97.5

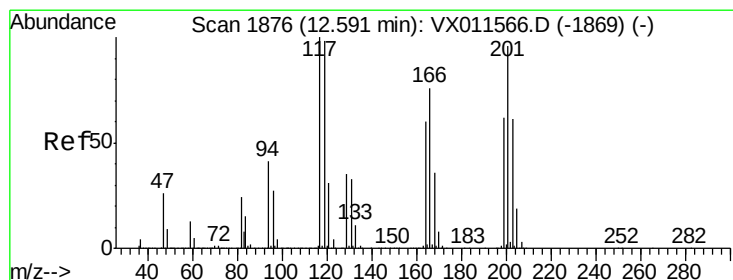
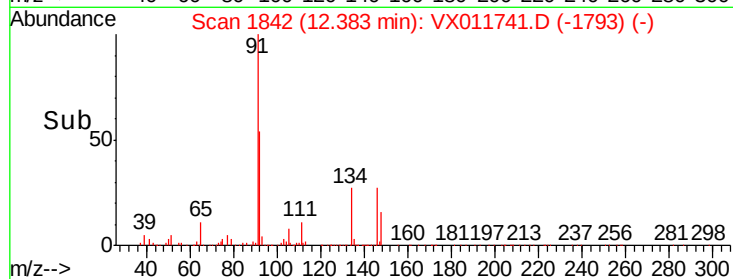
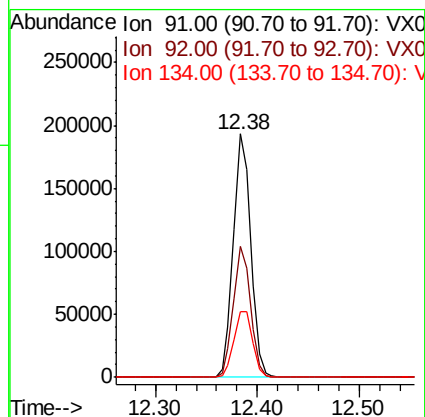
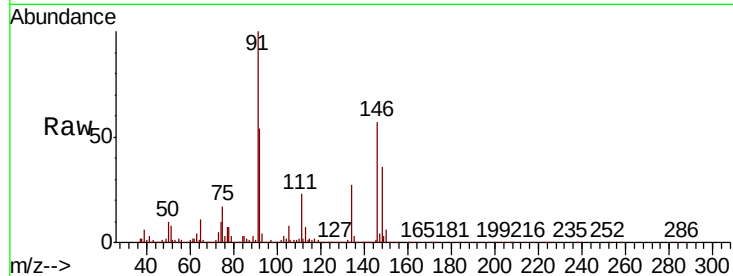




#89
n-Butylbenzene
Concen: 18.488 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

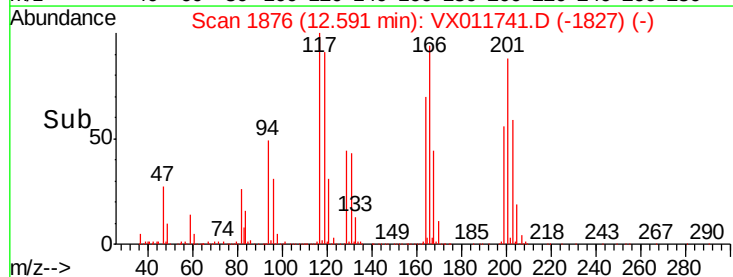
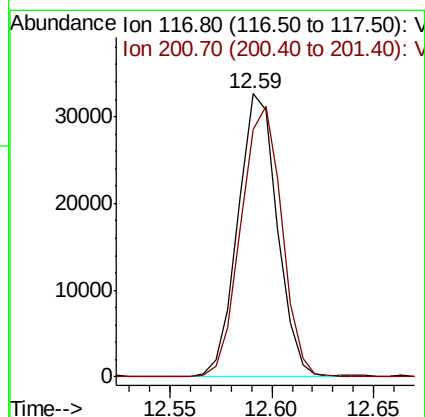
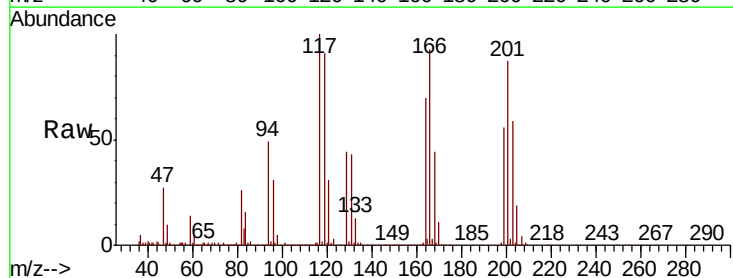
Instrument :
MSVOA_X
ClientSampleId :
VX0821WBS02

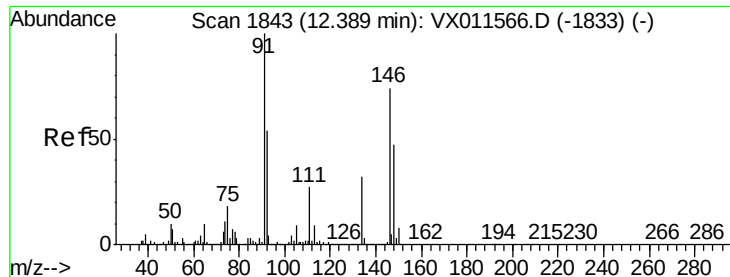
Tgt Ion:	91	Resp:	227167
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.8	80.3
134	29.0	14.6	44.0



#90
Hexachloroethane
Concen: 18.561 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011741.D
Acq: 21 Aug 2019 19:49

Tgt Ion:	117	Resp:	43805
Ion	Ratio	Lower	Upper
117	100		
201	98.8	51.9	155.7

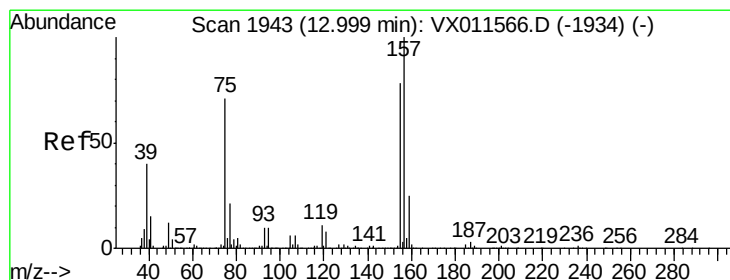
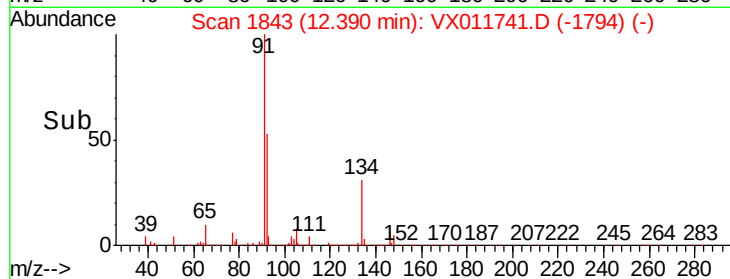
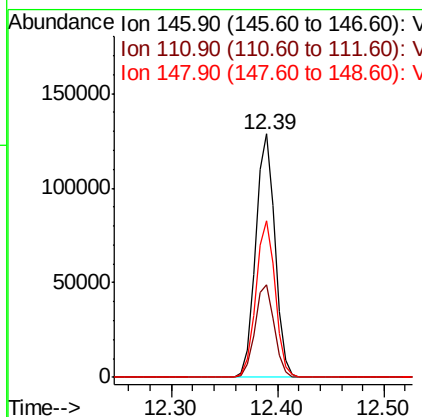
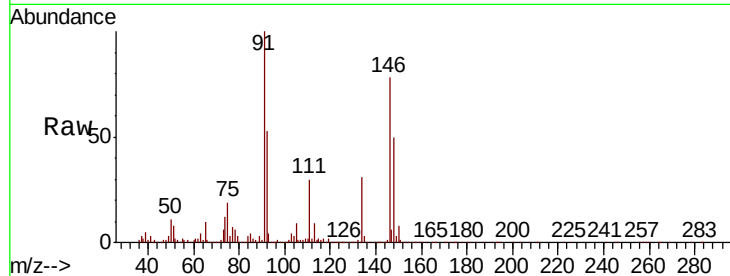




#91
 1,2-Dichlorobenzene
 Concen: 19.459 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

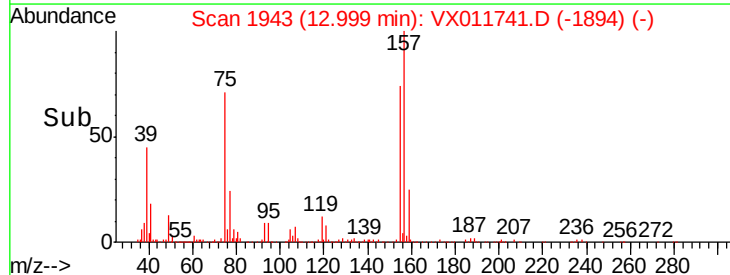
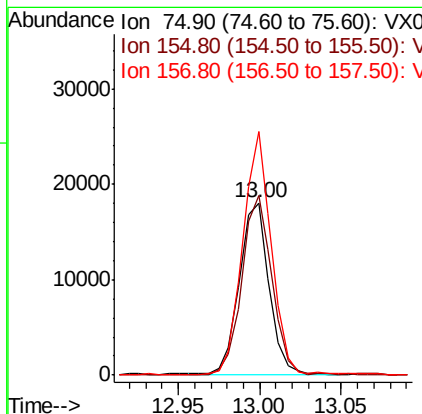
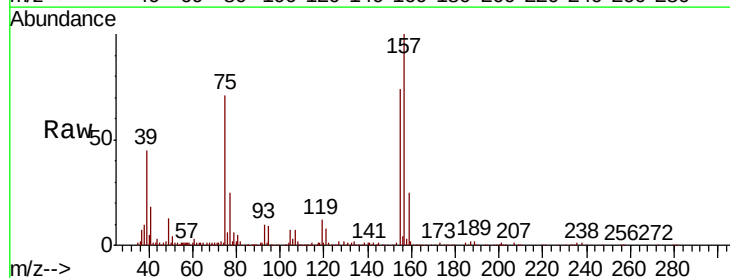
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

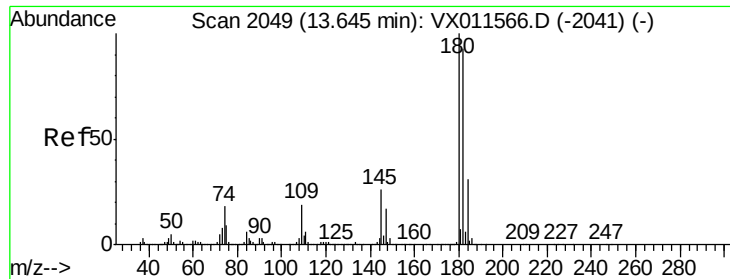
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	64.1	31.9	95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.556 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.9	53.0	159.0
157	137.5	68.3	205.1

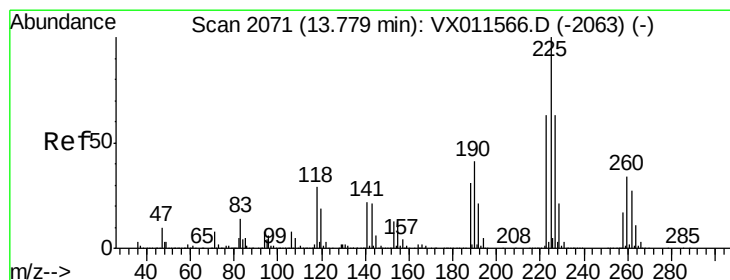
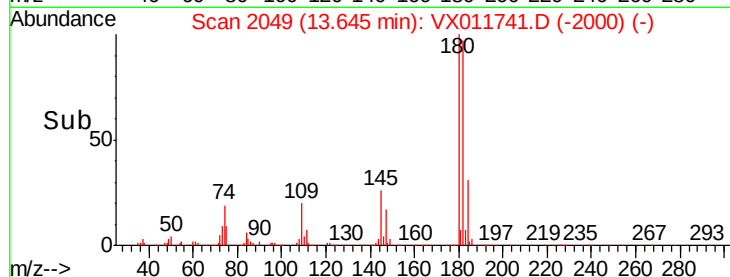
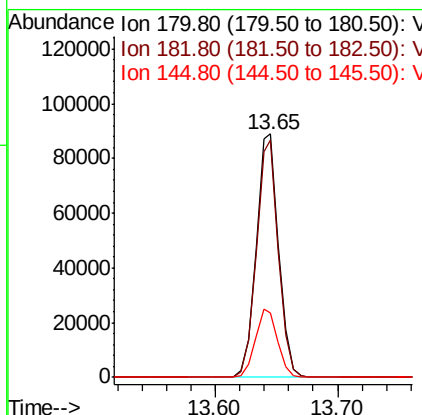
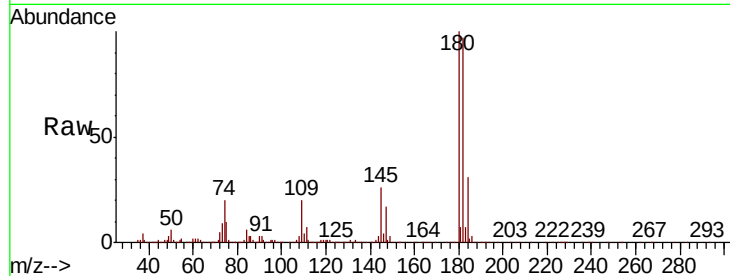




#93
 1,2,4-Trichlorobenzene
 Concen: 18.080 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

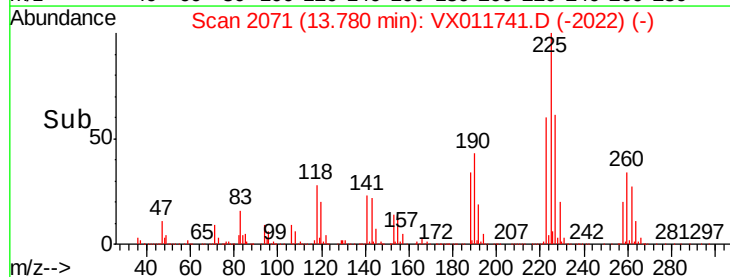
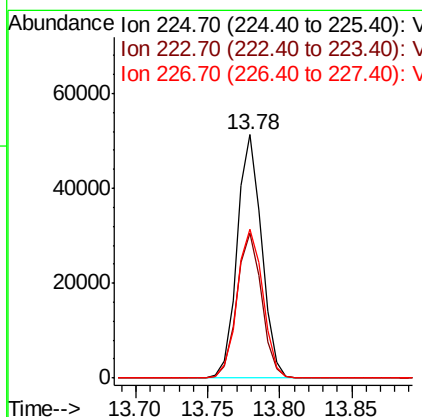
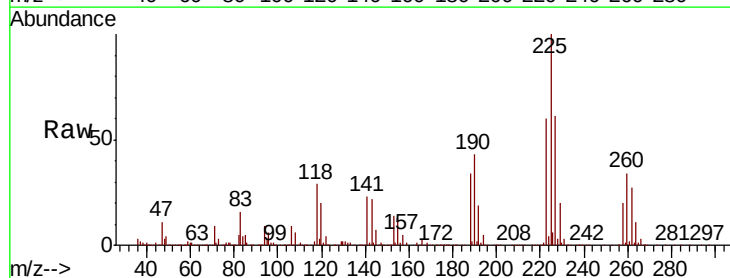
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

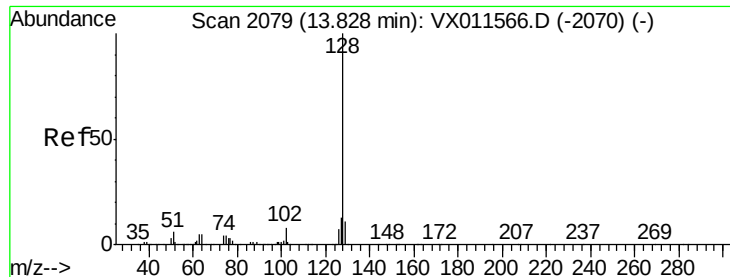
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	142.0
145	28.2	13.6	40.8



#94
 Hexachlorobutadiene
 Concen: 17.735 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011741.D
 Acq: 21 Aug 2019 19:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	31.4	94.0
227	64.3	31.2	93.6





#95

Naphthalene

Concen: 19.365 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

Instrument :

MSVOA_X

ClientSampleId :

VX0821WBS02

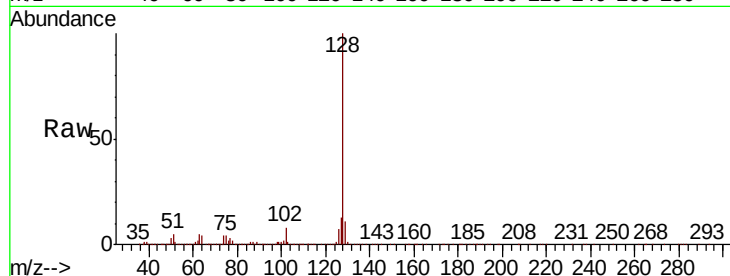
Tgt Ion:128 Resp: 344629

Ion Ratio Lower Upper

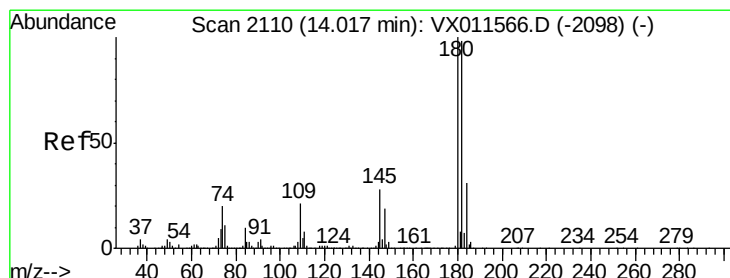
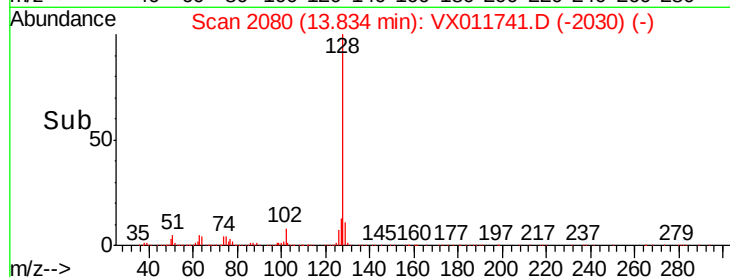
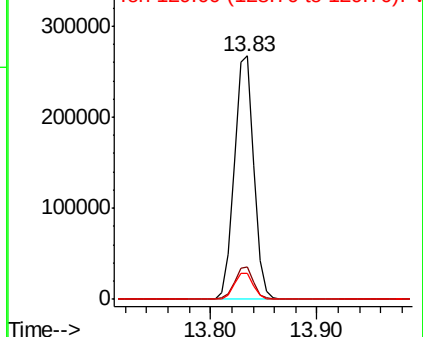
128 100

127 12.9 10.3 15.5

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.107 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011741.D

Acq: 21 Aug 2019 19:49

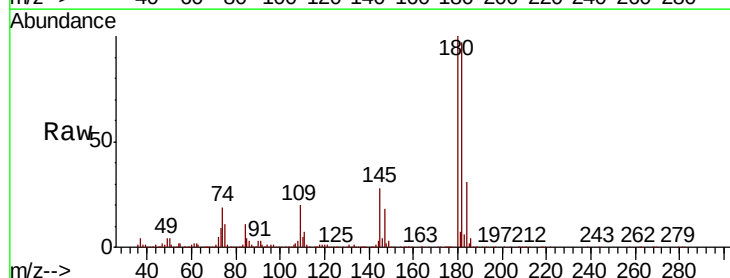
Tgt Ion:180 Resp: 121316

Ion Ratio Lower Upper

180 100

182 97.7 48.0 144.0

145 29.2 14.6 43.8



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

