

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
 Data File : VX011071.D
 Acq On : 25 Jul 2019 12:32
 Operator : JC/SP
 Sample : VX0725WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS02

Quant Time: Jul 26 01:24:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	148629	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	111407	50.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.62%	
35) Dibromofluoromethane	5.50	113	99523	50.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.02%	
50) Toluene-d8	8.71	98	372819	50.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	11.13	95	136396	50.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	39967	18.532	ug/l	98
3) Chloromethane	1.32	50	34875	18.399	ug/l	99
4) Vinyl Chloride	1.41	62	36657	18.960	ug/l	98
5) Bromomethane	1.64	94	22935	21.051	ug/l	99
6) Chloroethane	1.72	64	23224	18.902	ug/l	99
7) Trichlorofluoromethane	1.93	101	63429	19.381	ug/l	99
8) Diethyl Ether	2.19	74	21622	19.175	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36268	19.409	ug/l	99
10) Methyl Iodide	2.51	142	42238	17.225	ug/l	99
11) Tert butyl alcohol	3.04	59	49828	97.571	ug/l	98
12) 1,1-Dichloroethene	2.37	96	35142	19.141	ug/l	99
13) Acrolein	2.29	56	20712	70.197	ug/l	99
14) Allyl chloride	2.73	41	50295	18.860	ug/l	99
15) Acrylonitrile	3.14	53	101562	98.419	ug/l	99
16) Acetone	2.45	43	85448	86.278	ug/l	96
17) Carbon Disulfide	2.57	76	78503	16.669	ug/l	100
18) Methyl Acetate	2.78	43	46087	20.437	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	115739	19.582	ug/l	100
20) Methylene Chloride	2.85	84	40295	19.199	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	36515	18.744	ug/l	97
22) Diisopropyl ether	3.85	45	111880	19.892	ug/l	99
23) Vinyl Acetate	3.81	43	463865	97.337	ug/l	99
24) 1,1-Dichloroethane	3.70	63	63953	19.579	ug/l	99
25) 2-Butanone	4.67	43	137294	96.572	ug/l	98
26) 2,2-Dichloropropane	4.59	77	47001	17.524	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	43877	19.462	ug/l	98
28) Bromochloromethane	5.01	49	28741	18.672	ug/l	100
29) Tetrahydrofuran	5.13	42	88299	98.051	ug/l	99
30) Chloroform	5.21	83	69004	19.544	ug/l	99
31) Cyclohexane	5.58	56	56180	18.869	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	59362	19.434	ug/l	98
36) 1,1-Dichloropropene	5.81	75	48753	19.118	ug/l	98
37) Ethyl Acetate	4.83	43	50036	19.162	ug/l	97
38) Carbon Tetrachloride	5.79	117	50505	19.006	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	59890	18.110	ug/l	99
40) Benzene	6.14	78	149908	19.191	ug/l	100
41) Methacrylonitrile	5.04	41	28345	19.122	ug/l	96
42) 1,2-Dichloroethane	6.20	62	53212	19.592	ug/l	99
43) Isopropyl Acetate	6.44	43	82360	19.182	ug/l	99
44) Trichloroethene	7.21	130	42993	18.594	ug/l	89
45) 1,2-Dichloropropane	7.51	63	37837	19.031	ug/l	98
46) Dibromomethane	7.66	93	28931	20.364	ug/l	96
47) Bromodichloromethane	7.90	83	49278	19.486	ug/l	94
48) Methyl methacrylate	7.77	41	41073	19.637	ug/l	97
49) 1,4-Dioxane	7.74	88	21985	375.760	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	274502	98.625	ug/l	100
52) Toluene	8.78	92	98130	19.123	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	51129	18.803	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	57452	18.987	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41180	19.490	ug/l	99
56) Ethyl methacrylate	9.18	69	60704	19.641	ug/l	99
57) 1,3-Dichloropropane	9.37	76	66049	19.705	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	144861	98.186	ug/l	99
59) 2-Hexanone	9.49	43	214134	99.193	ug/l	100
60) Dibromochloromethane	9.58	129	41609	18.774	ug/l	100
61) 1,2-Dibromoethane	9.67	107	43509	19.403	ug/l	99
64) Tetrachloroethene	9.34	164	43361	19.470	ug/l	96
65) Chlorobenzene	10.13	112	111726	19.215	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	39907	19.528	ug/l	98
67) Ethyl Benzene	10.25	91	189150	19.111	ug/l	98
68) m/p-Xylenes	10.36	106	146315	38.540	ug/l	100
69) o-Xylene	10.69	106	71322	19.249	ug/l	100
70) Styrene	10.71	104	120523	19.513	ug/l	100
71) Bromoform	10.85	173	29799	17.748	ug/l #	99
73) Isopropylbenzene	11.02	105	193754	19.293	ug/l	100
74) N-amyl acetate	10.90	43	73700	19.206	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	63731	19.391	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	67189	25.051	ug/l	84
77) Bromobenzene	11.25	156	51828	18.709	ug/l	98
78) n-propylbenzene	11.36	91	216221	19.485	ug/l	98
79) 2-Chlorotoluene	11.42	91	125985	18.900	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	160436	19.118	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15444	17.407	ug/l	89
82) 4-Chlorotoluene	11.51	91	147411	19.000	ug/l	100
83) tert-Butylbenzene	11.77	119	159276	19.323	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	163577	19.340	ug/l	100
85) sec-Butylbenzene	11.94	105	188541	19.521	ug/l	100
86) p-Isopropyltoluene	12.06	119	171758	19.235	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	90945	18.918	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	92077	18.675	ug/l	99
89) n-Butylbenzene	12.38	91	143093	18.731	ug/l	100
90) Hexachloroethane	12.59	117	25571	18.156	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	93506	19.626	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13646	19.863	ug/l	92

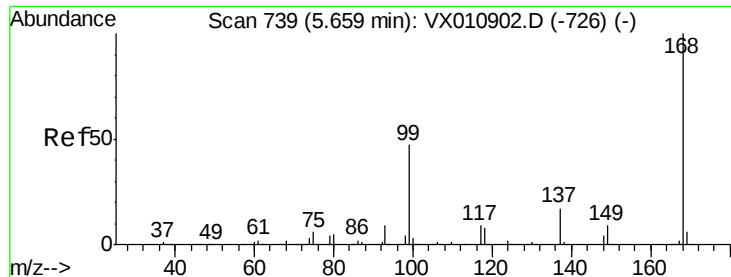
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
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Quant Time: Jul 26 01:24:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	61482	19.041	ug/l	99
94) Hexachlorobutadiene	13.78	225	30134	18.833	ug/l	98
95) Naphthalene	13.83	128	183181	19.212	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	63095	19.639	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

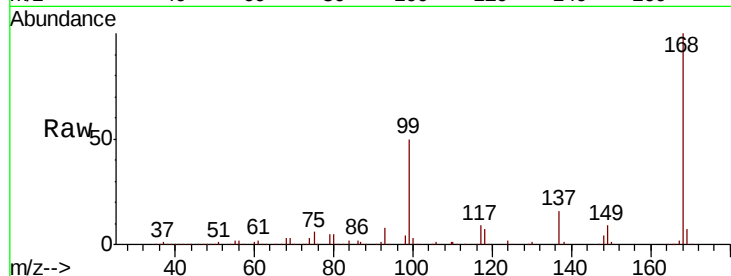
VX0725WBS02

Tot Ion:168 Resp: 206120

Ion Ratio Lower Upper

168 100

99 49.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

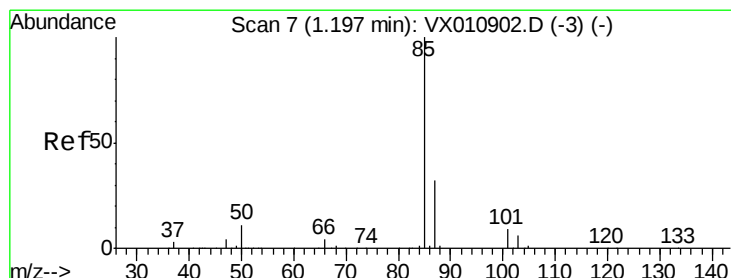
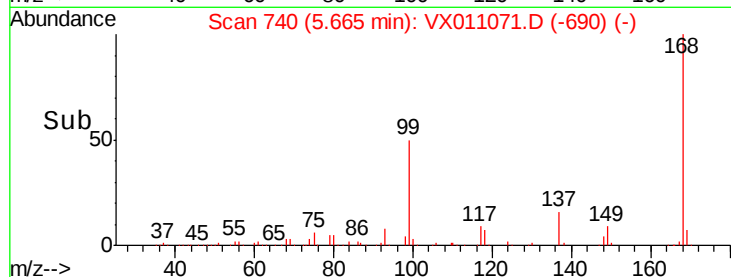
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.532 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011071.D

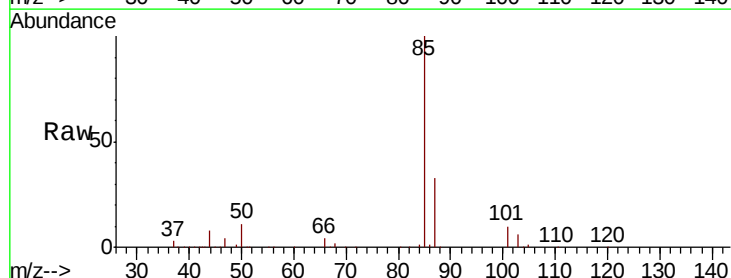
Acq: 25 Jul 2019 12:32

Tgt Ion: 85 Resp: 39967

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

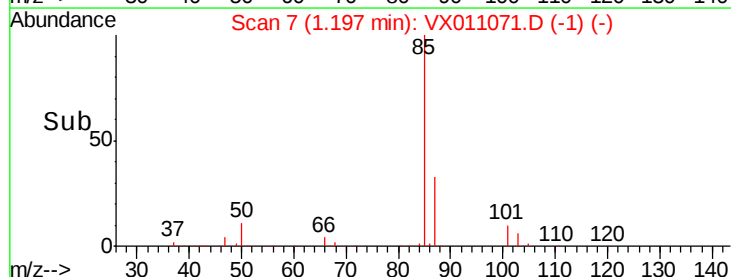
30000

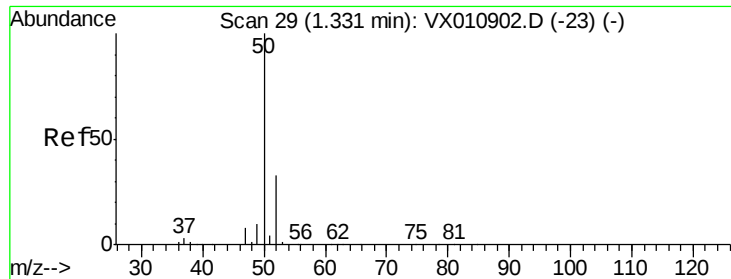
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.399 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

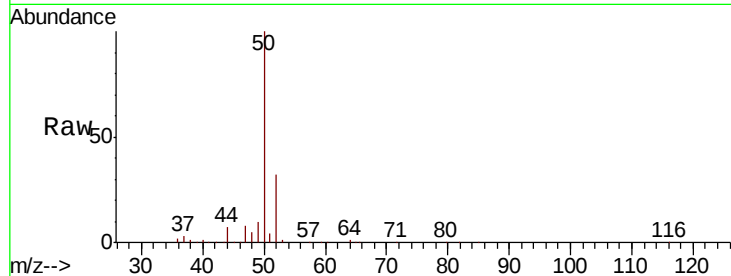
VX0725WBS02

Tot Ion: 50 Resp: 34875

Ion Ratio Lower Upper

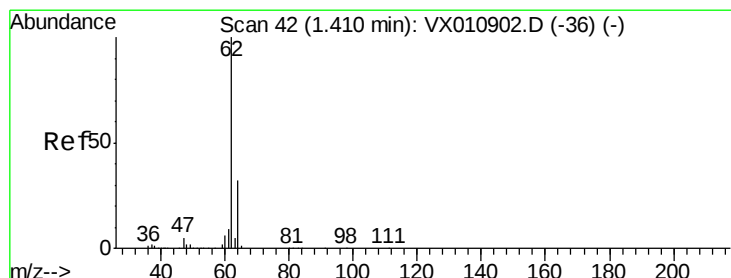
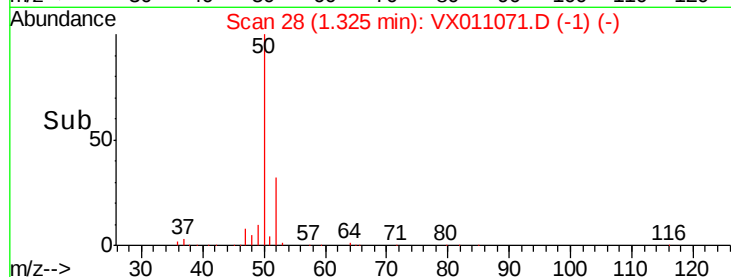
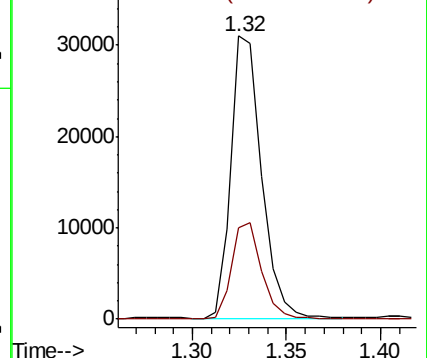
50 100

52 32.5 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.960 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011071.D

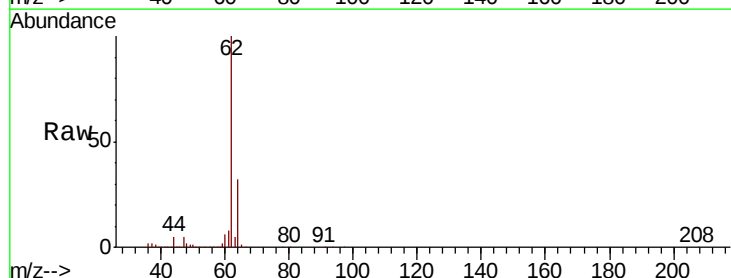
Acq: 25 Jul 2019 12:32

Tgt Ion: 62 Resp: 36657

Ion Ratio Lower Upper

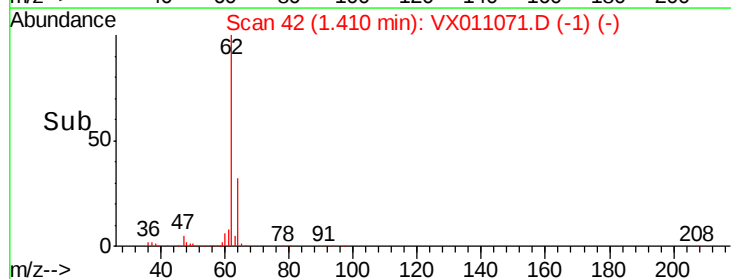
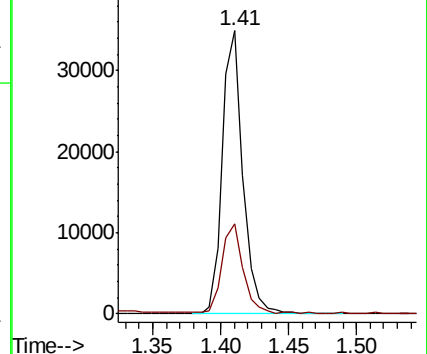
62 100

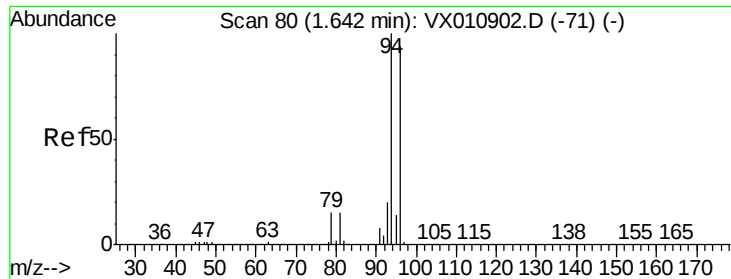
64 31.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.051 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

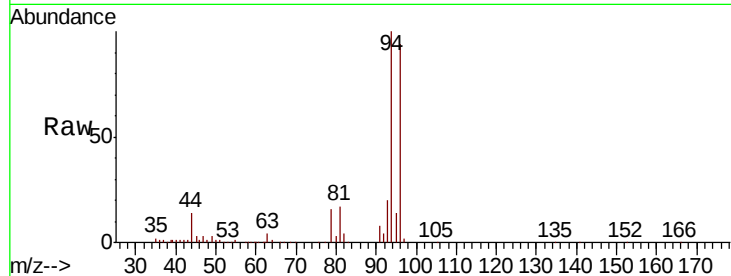
VX0725WBS02

Tot Ion: 94 Resp: 22935

Ion Ratio Lower Upper

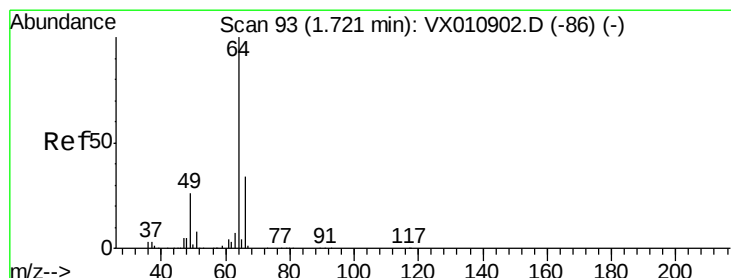
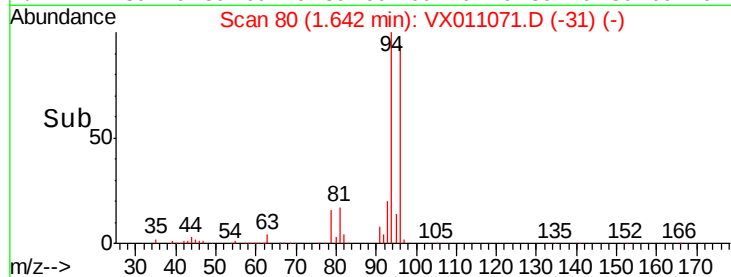
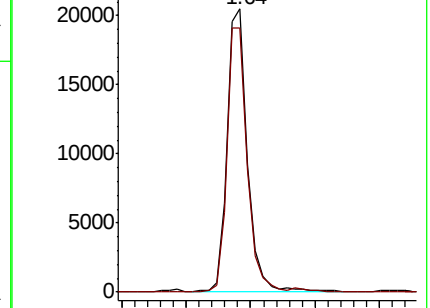
94 100

96 93.6 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.902 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX011071.D

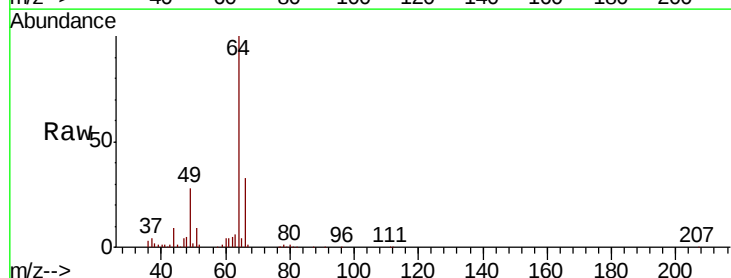
Acq: 25 Jul 2019 12:32

Tgt Ion: 64 Resp: 23224

Ion Ratio Lower Upper

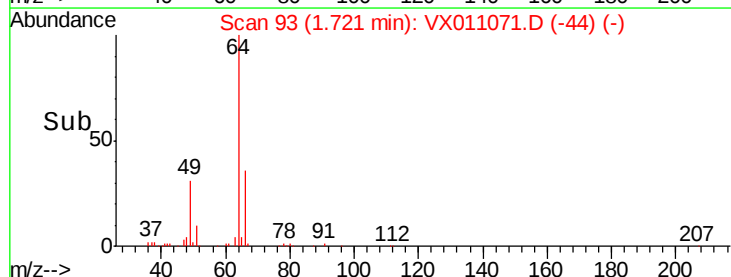
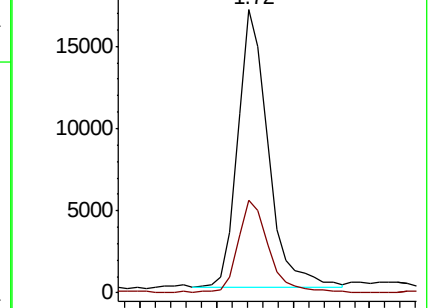
64 100

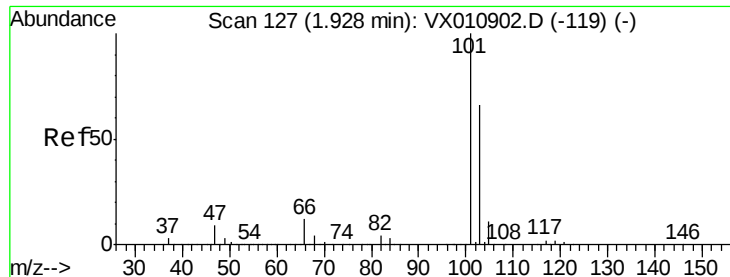
66 33.0 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



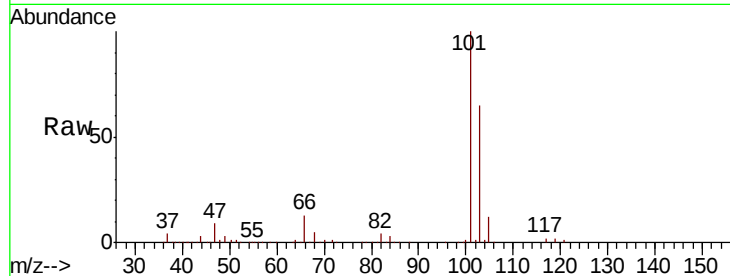


#7

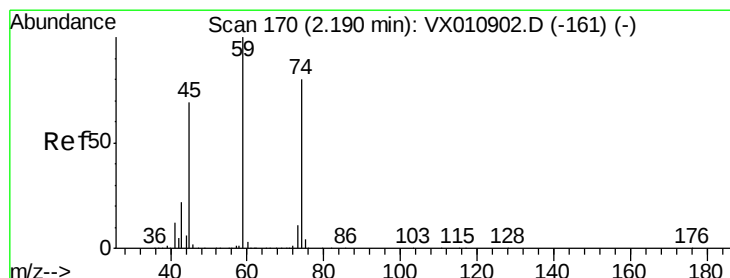
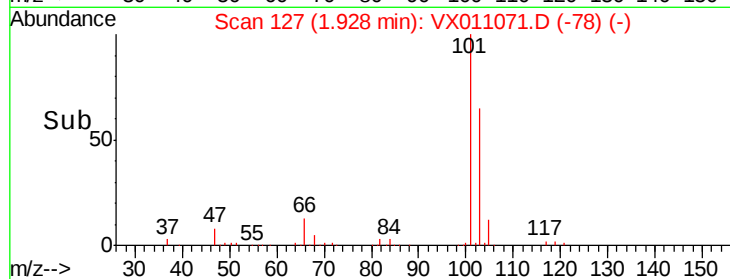
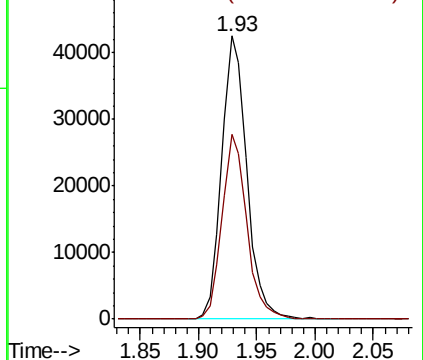
Trichlorofluoromethane
 Concen: 19.381 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS02

Tot Ion:101 Resp: 63429
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.6 78.8



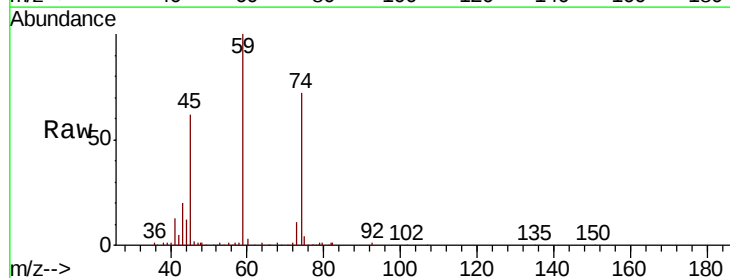
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



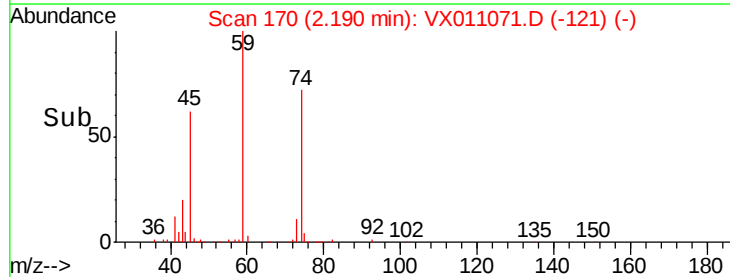
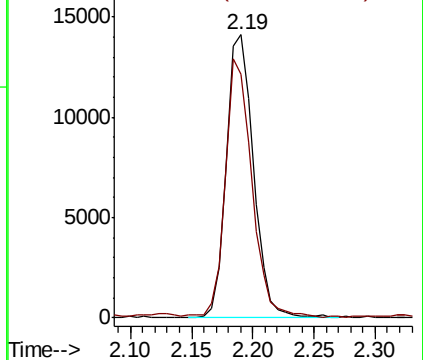
#8

Diethyl Ether
 Concen: 19.175 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

Tgt Ion: 74 Resp: 21622
 Ion Ratio Lower Upper
 74 100
 45 90.1 45.5 136.5



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.409 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS02

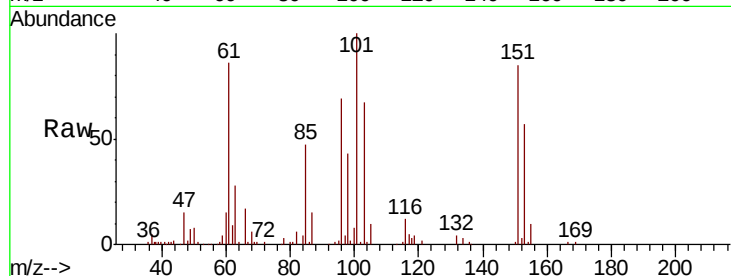
Tot Ion:101 Resp: 36268

Ion Ratio Lower Upper

101 100

85 43.6 34.6 52.0

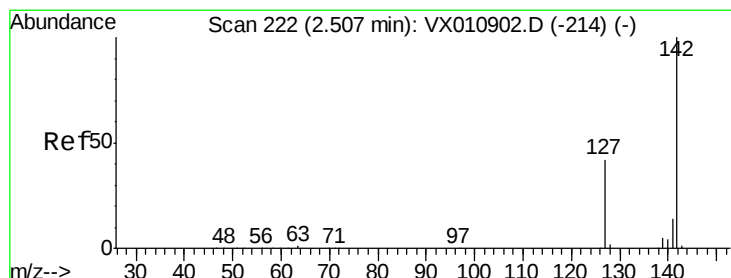
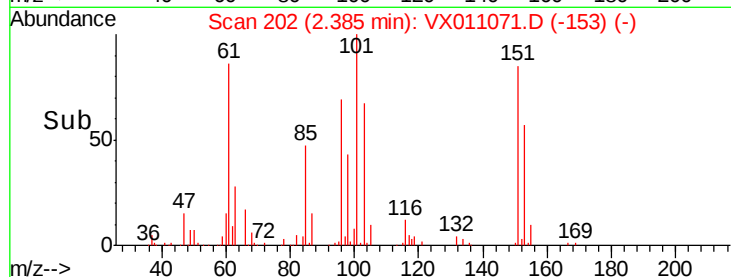
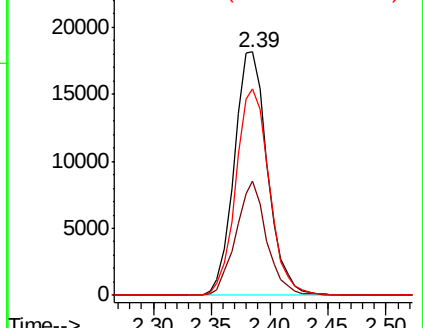
151 85.1 69.6 104.4



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: 17.225 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

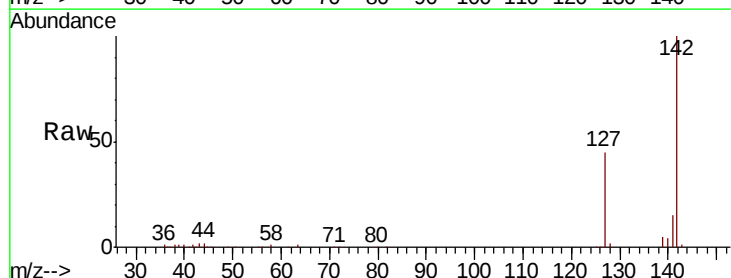
Tgt Ion:142 Resp: 42238

Ion Ratio Lower Upper

142 100

127 43.4 34.2 51.4

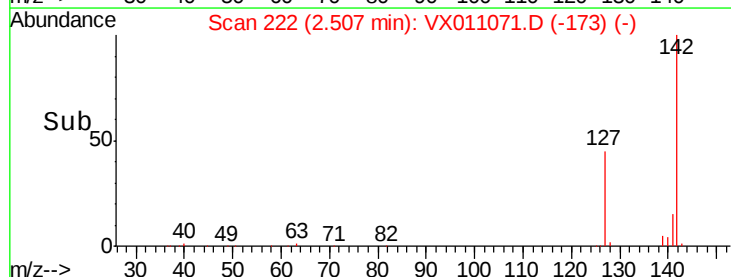
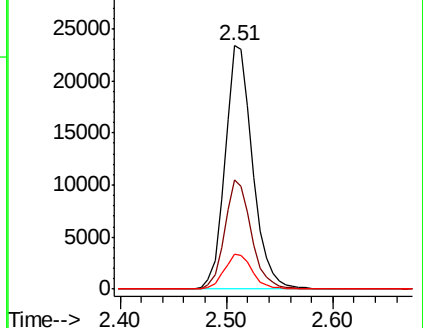
141 14.6 11.7 17.5

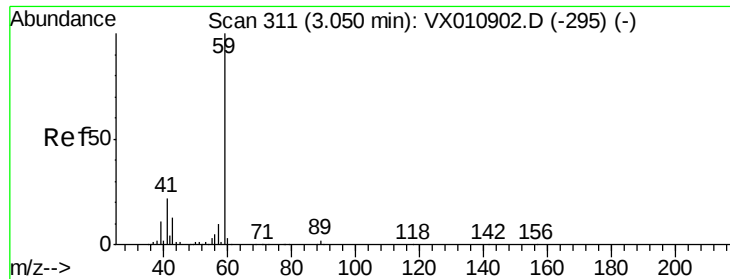


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

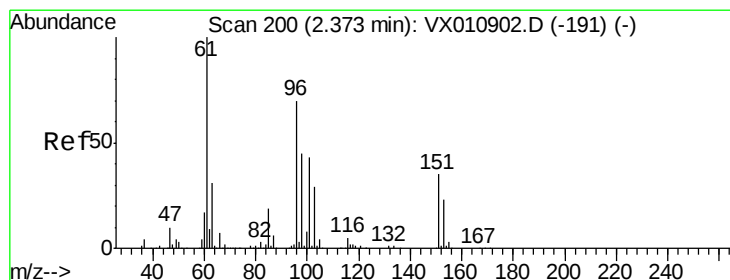
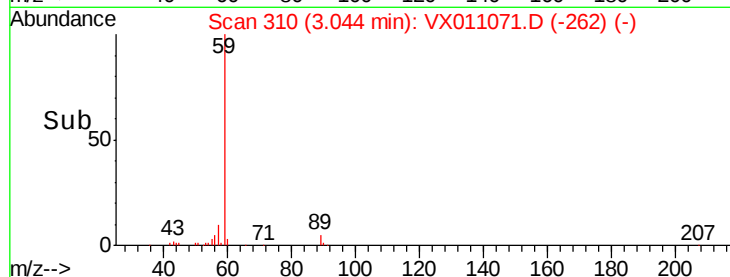
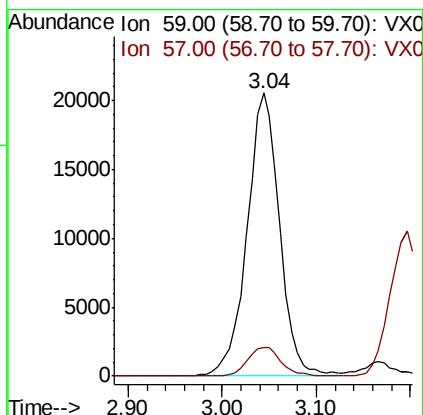
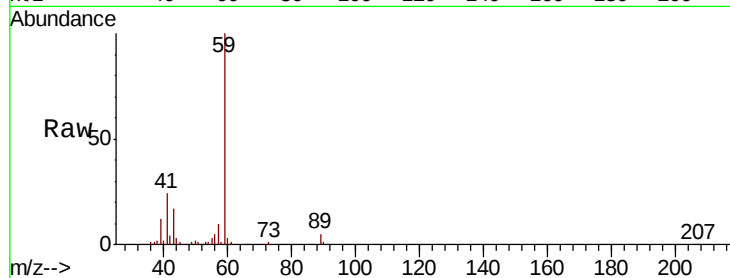




#11
Tert butyl alcohol
Concen: 97.571 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

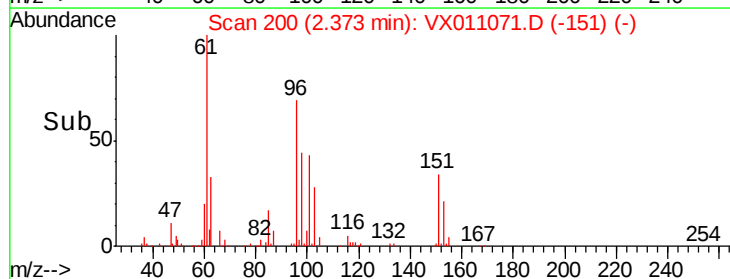
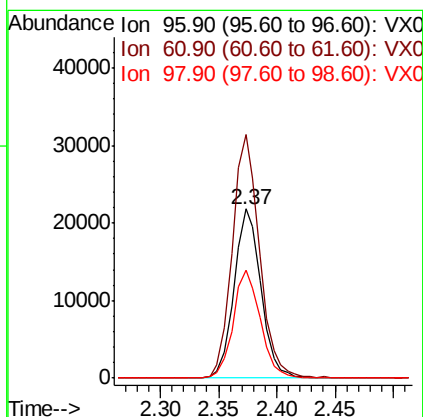
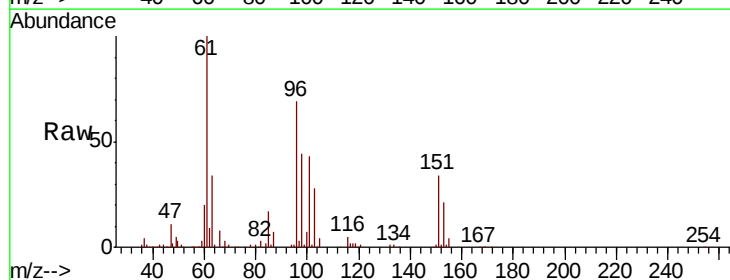
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS02

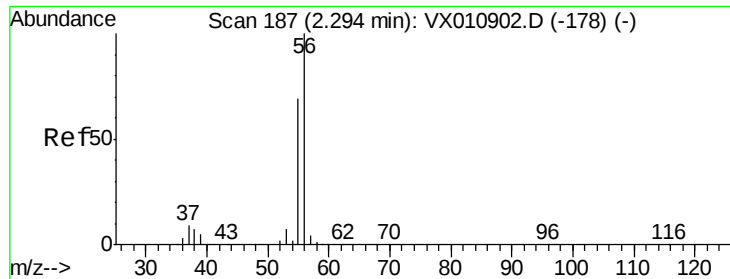
Tot Ion: 59 Resp: 49828
Ion Ratio Lower Upper
59 100
57 10.6 7.9 11.9



#12
1,1-Dichloroethene
Concen: 19.141 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion: 96 Resp: 35142
Ion Ratio Lower Upper
96 100
61 144.3 115.0 172.4
98 63.9 52.2 78.2





#13

Acrolein

Concen: 70.197 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

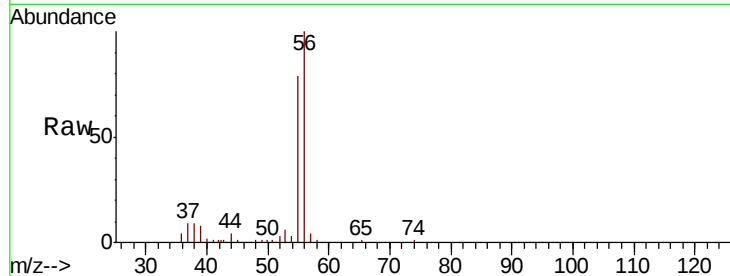
VX0725WBS02

Tot Ion: 56 Resp: 20712

Ion Ratio Lower Upper

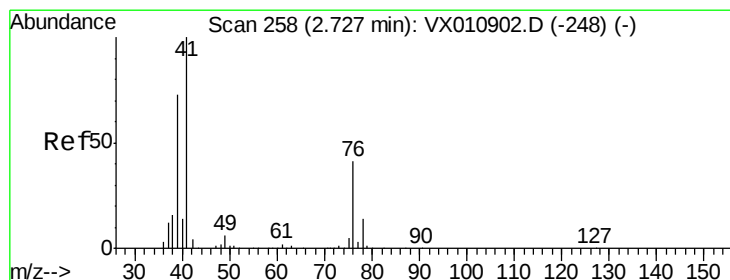
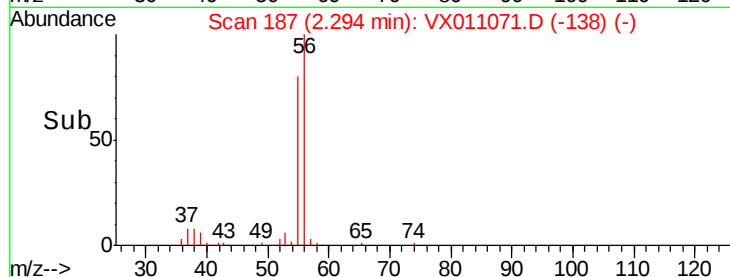
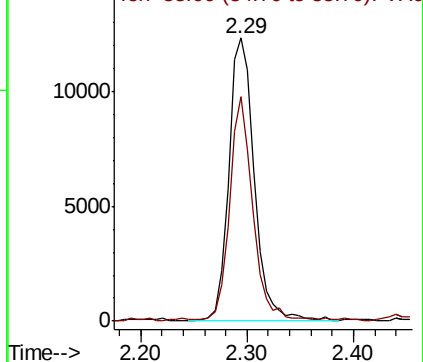
56 100

55 70.5 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.860 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

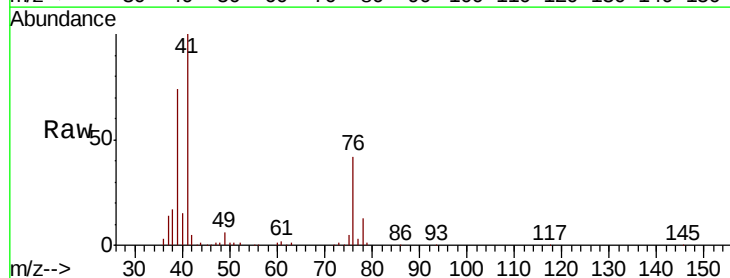
Tgt Ion: 41 Resp: 50295

Ion Ratio Lower Upper

41 100

39 67.8 53.6 80.4

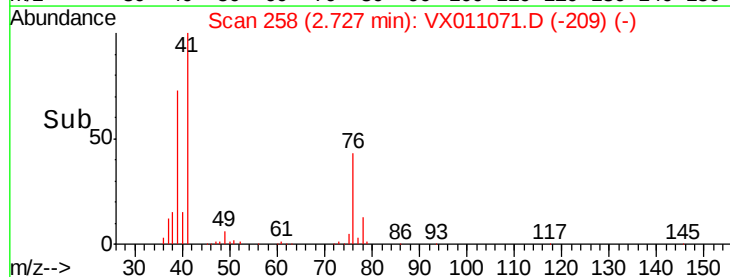
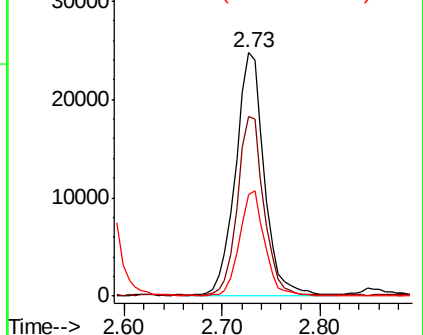
76 38.2 29.7 44.5

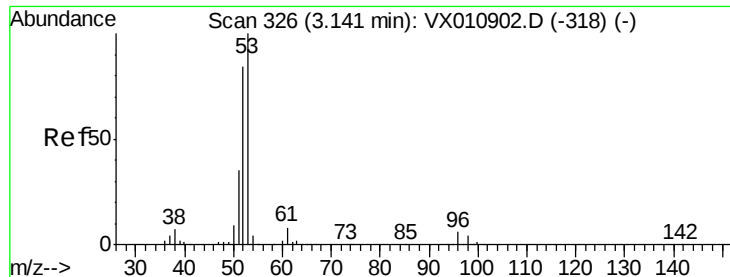


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.419 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS02

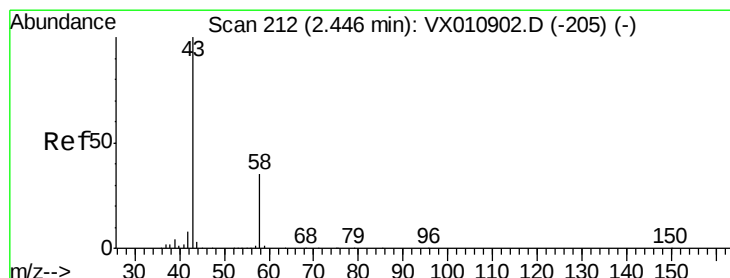
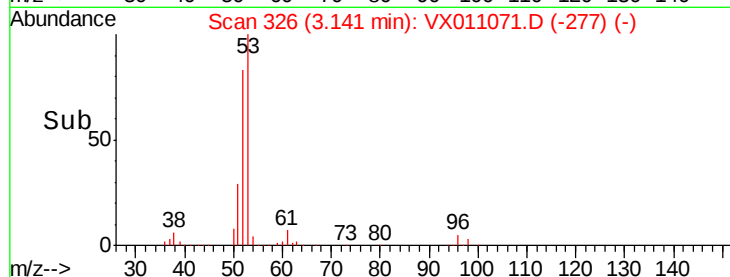
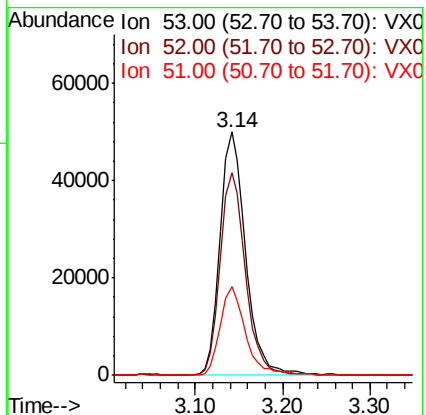
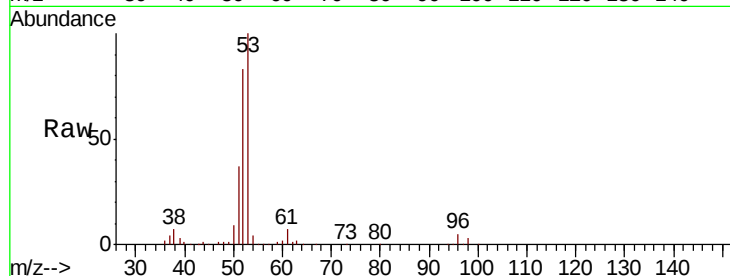
Tot Ion: 53 Resp: 101562

Ion Ratio Lower Upper

53 100

52 82.2 66.5 99.7

51 36.2 28.2 42.4



#16

Acetone

Concen: 86.278 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX011071.D

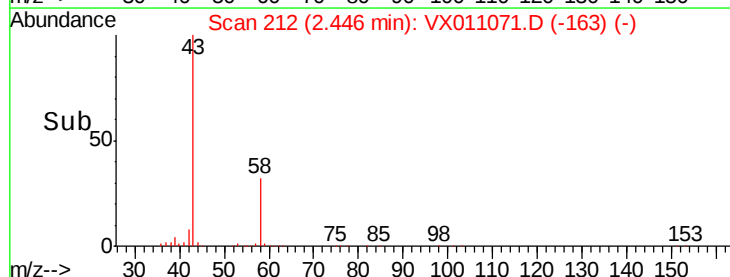
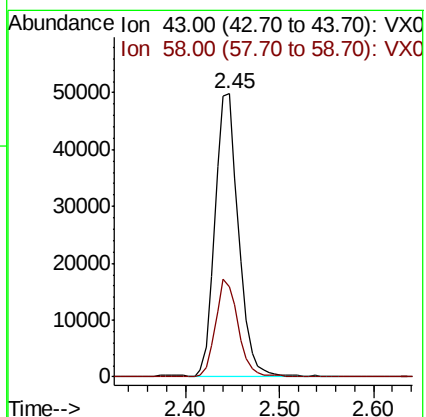
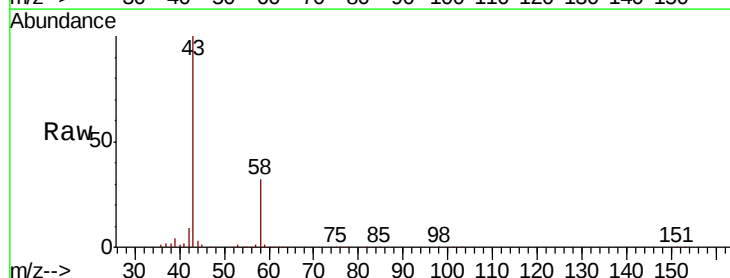
Acq: 25 Jul 2019 12:32

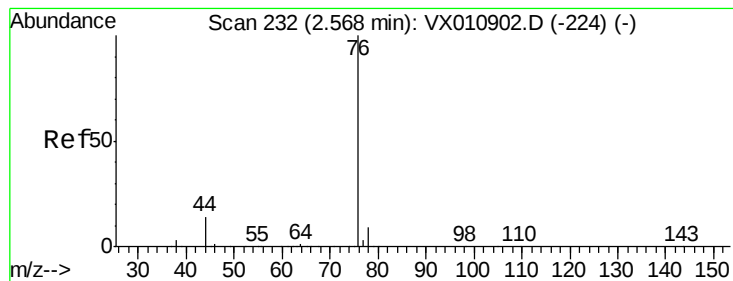
Tgt Ion: 43 Resp: 85448

Ion Ratio Lower Upper

43 100

58 32.1 27.7 41.5





#17

Carbon Disulfide

Concen: 16.669 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

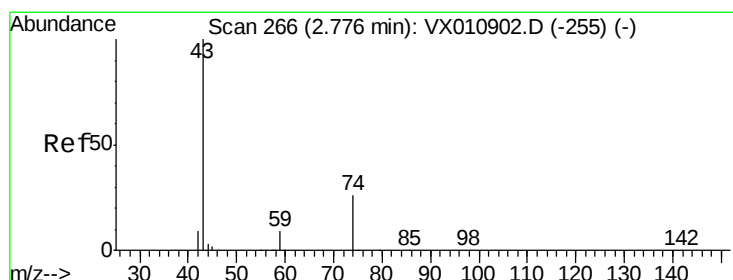
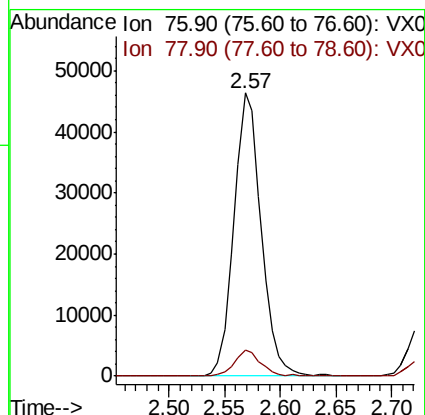
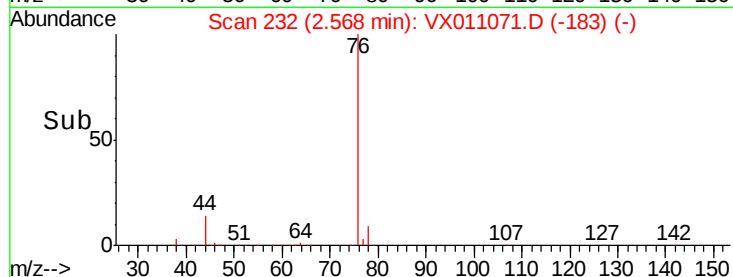
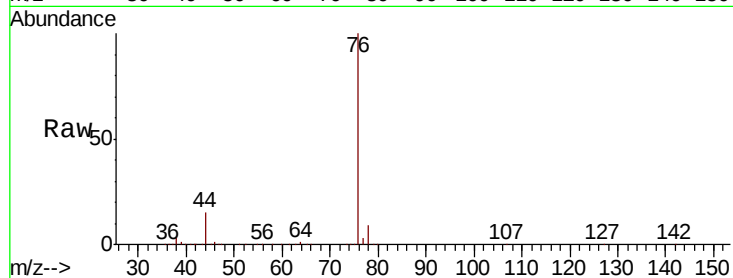
VX0725WBS02

Tot Ion: 76 Resp: 78503

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 20.437 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX011071.D

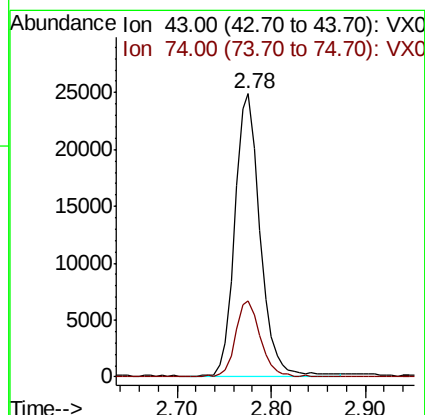
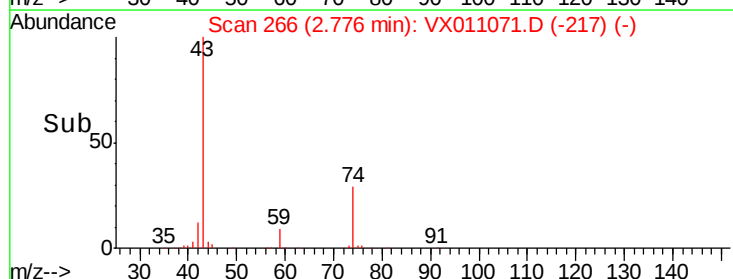
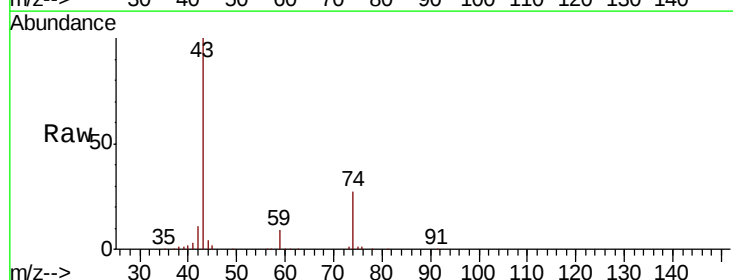
Acq: 25 Jul 2019 12:32

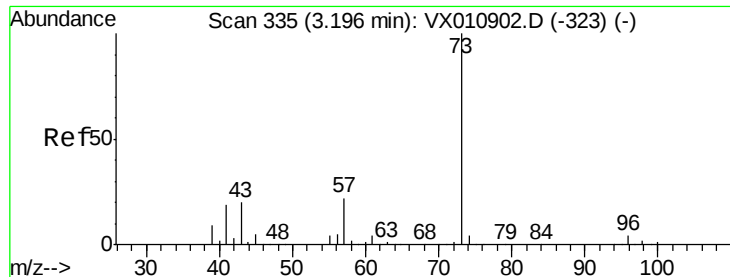
Tgt Ion: 43 Resp: 46087

Ion Ratio Lower Upper

43 100

74 27.2 21.5 32.3

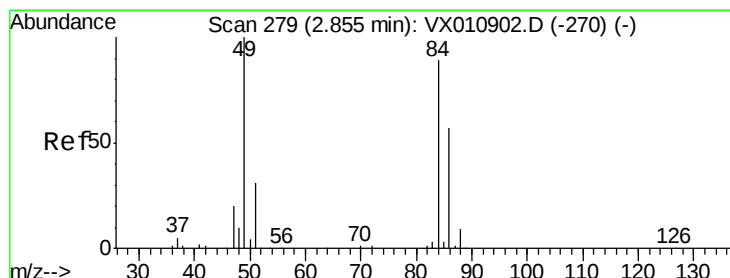
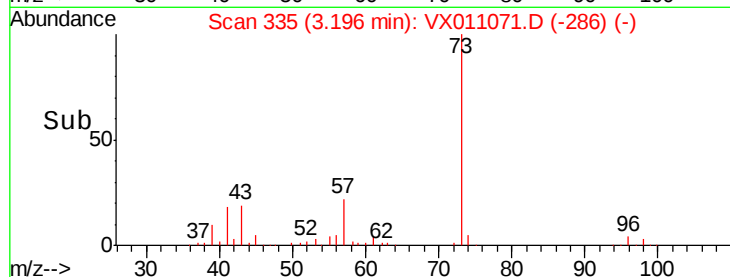
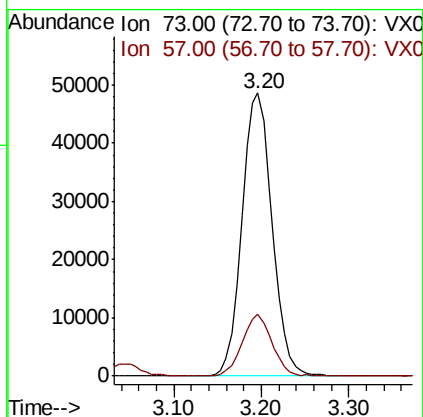
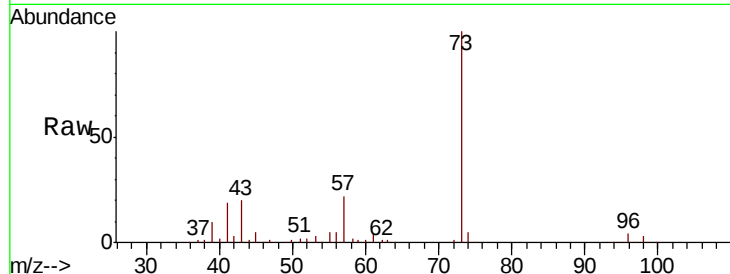




#19
Methyl tert-butyl Ether
Concen: 19.582 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

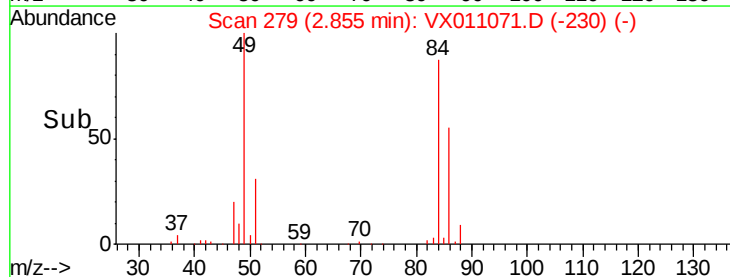
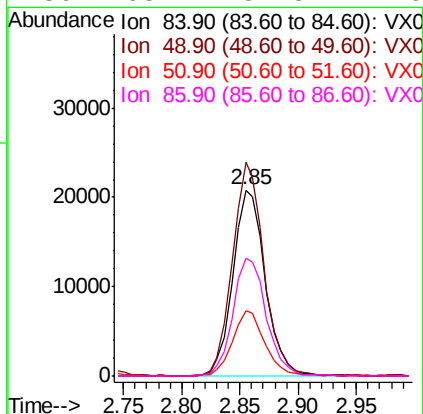
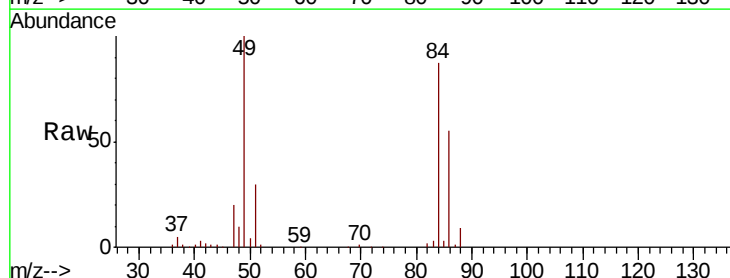
Instrument :
MSVOA_X
ClientSampled :
VX0725WBS02

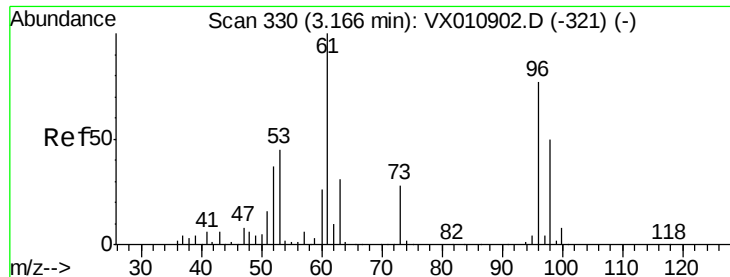
Tot Ion: 73 Resp: 115739
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 19.199 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion: 84 Resp: 40295
Ion Ratio Lower Upper
84 100
49 115.1 89.9 134.9
51 35.1 27.8 41.6
86 63.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.744 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS02

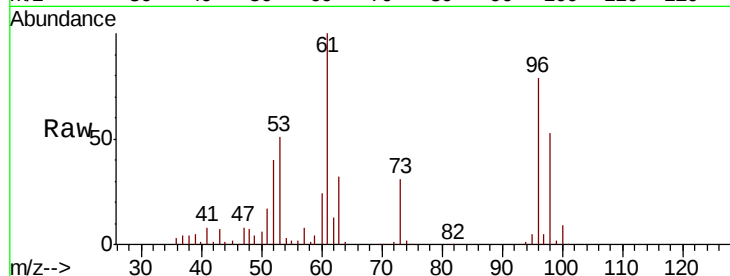
Tot Ion: 96 Resp: 36515

Ion Ratio Lower Upper

96 100

61 126.7 104.2 156.2

98 67.1 52.2 78.4

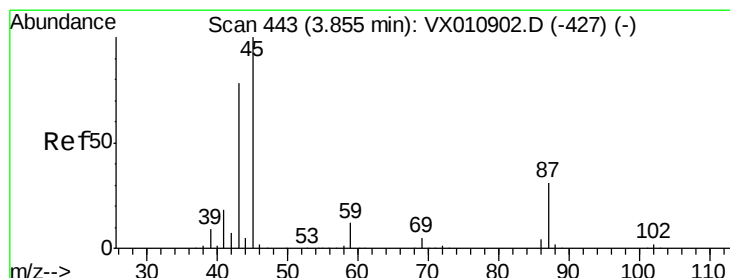
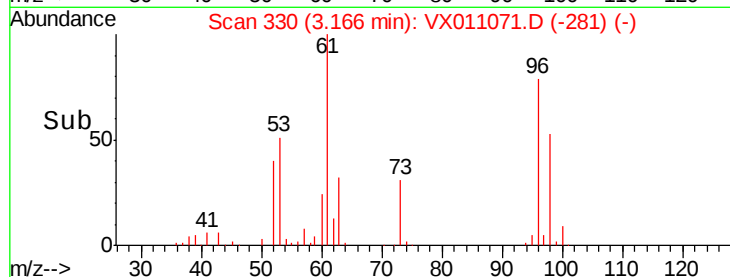
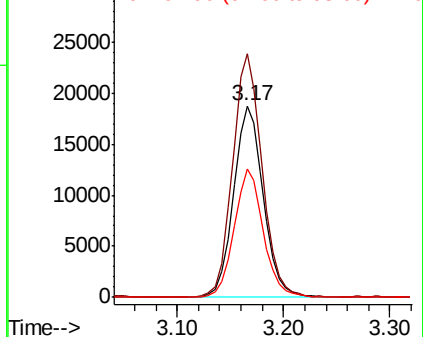


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.892 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Tgt Ion: 45 Resp: 111880

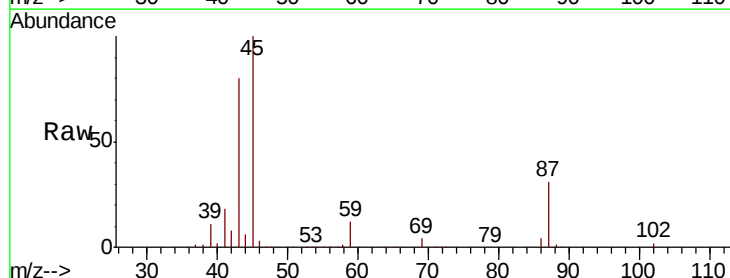
Ion Ratio Lower Upper

45 100

43 79.5 62.3 93.5

87 30.9 25.0 37.4

59 12.1 9.9 14.9



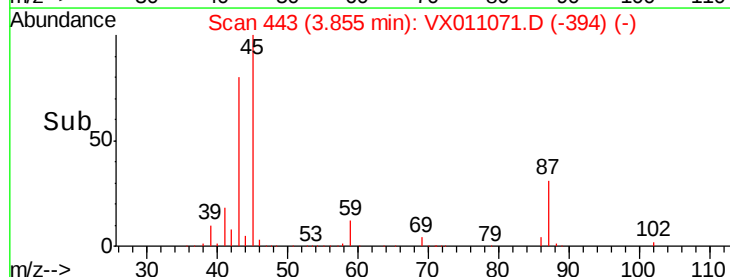
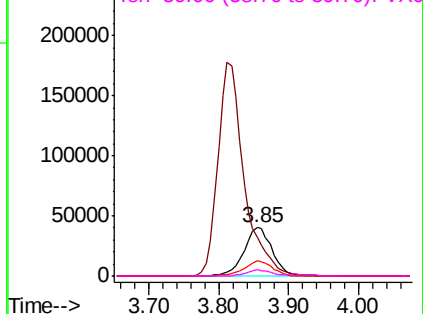
Abundance

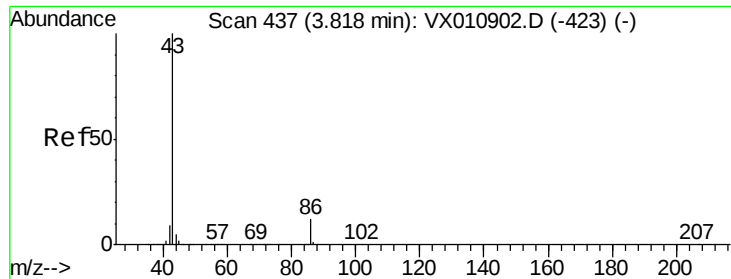
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.337 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

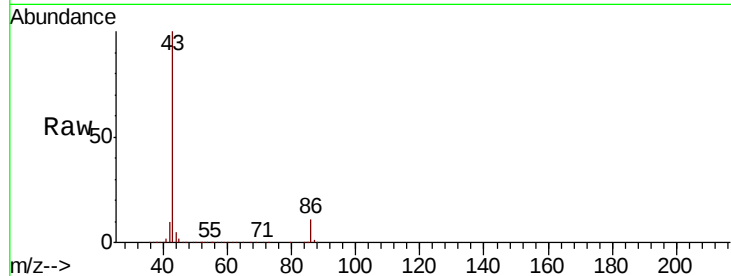
VX0725WBS02

Tot Ion: 43 Resp: 463865

Ion Ratio Lower Upper

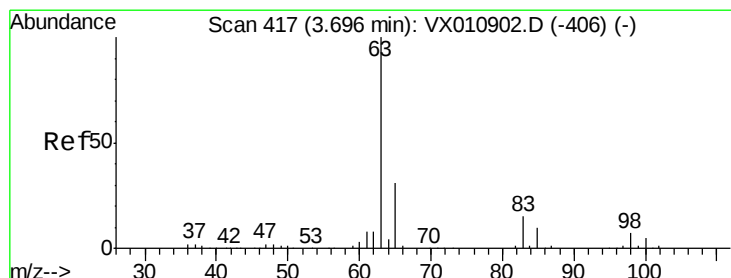
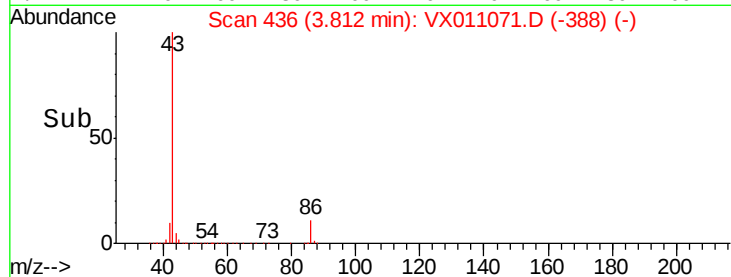
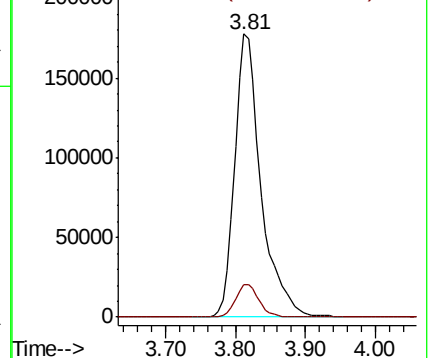
43 100

86 11.5 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.579 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

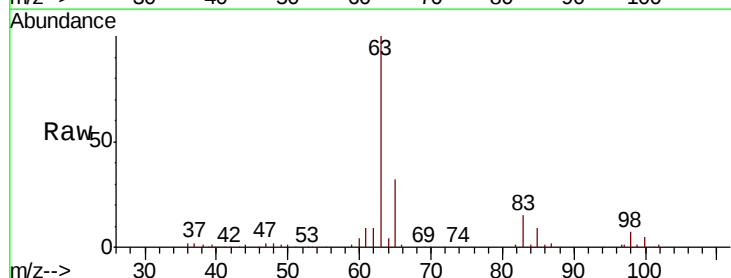
Tgt Ion: 63 Resp: 63953

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.9

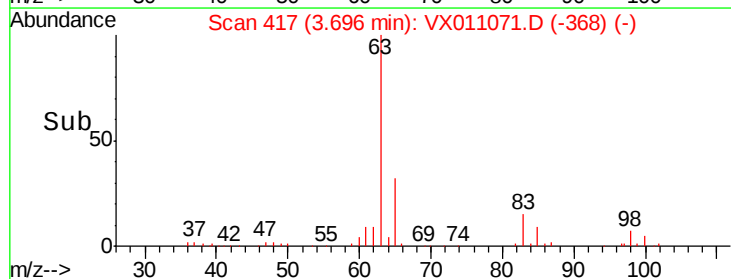
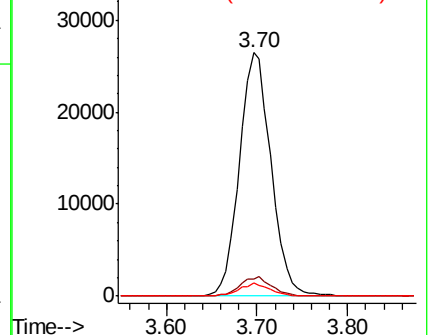
100 5.4 2.4 7.2

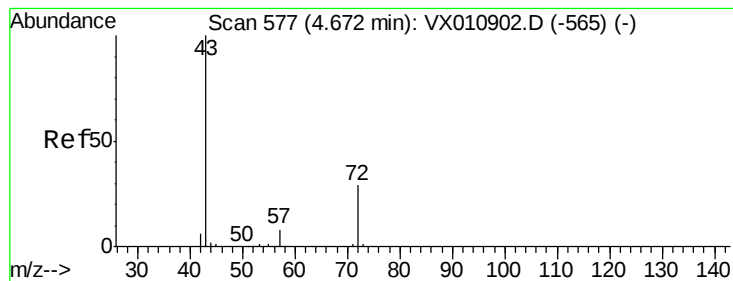


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 96.572 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

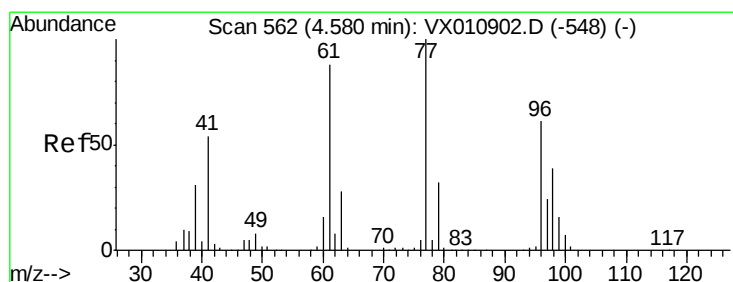
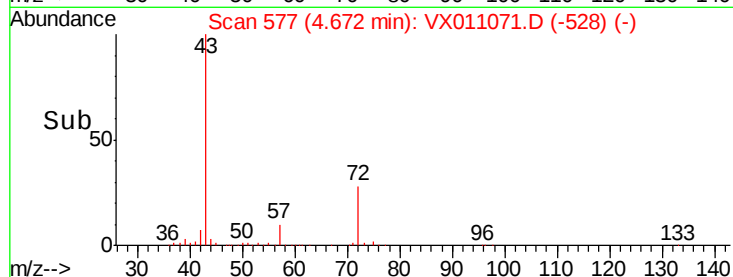
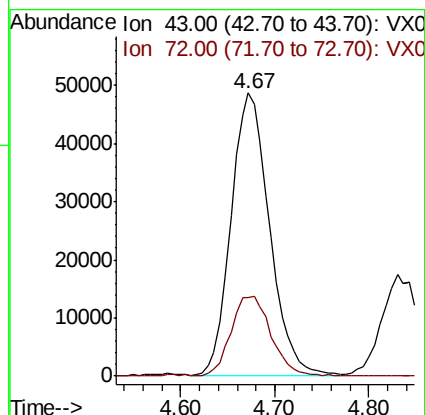
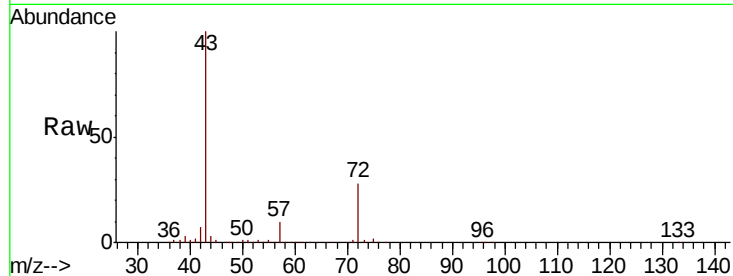
VX0725WBS02

Tot Ion: 43 Resp: 137294

Ion Ratio Lower Upper

43 100

72 27.8 23.0 34.6



#26

2,2-Dichloropropane

Concen: 17.524 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011071.D

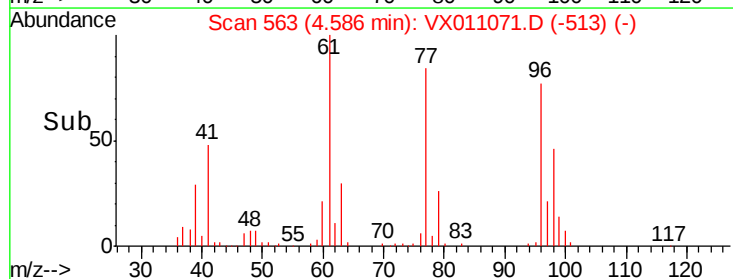
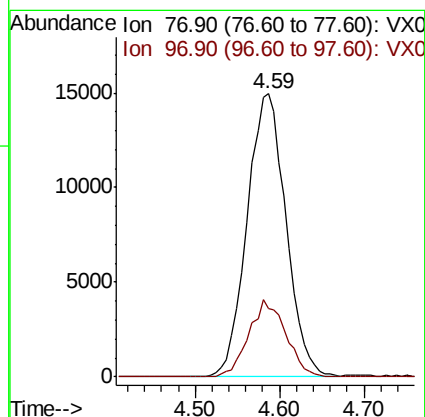
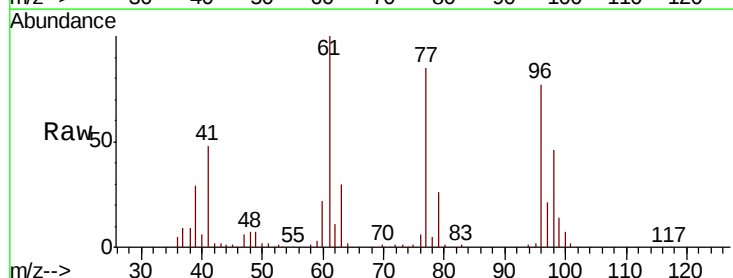
Acq: 25 Jul 2019 12:32

Tgt Ion: 77 Resp: 47001

Ion Ratio Lower Upper

77 100

97 25.9 12.6 37.6



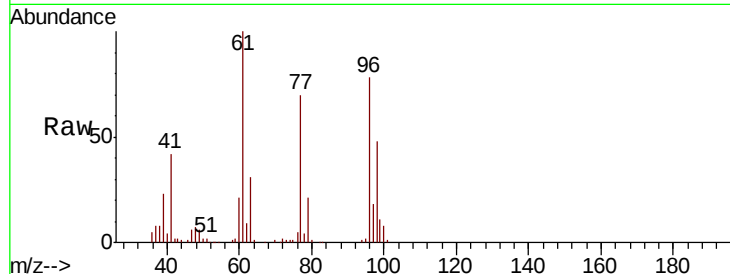


#27

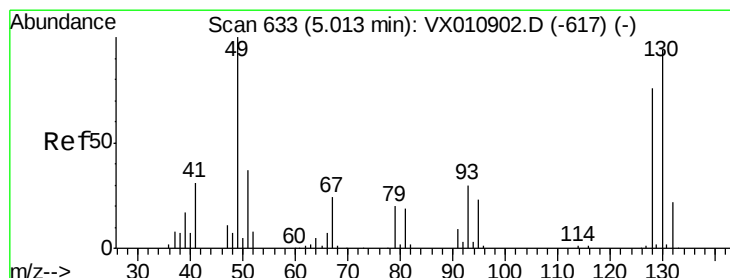
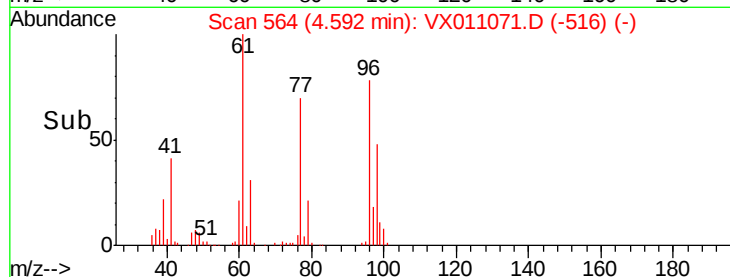
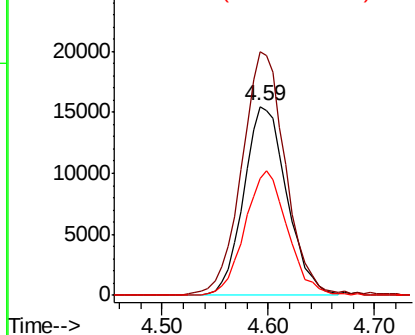
cis-1,2-Dichloroethene
 Concen: 19.462 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS02

Tot Ion: 96 Resp: 43877
 Ion Ratio Lower Upper
 96 100
 61 131.9 0.0 269.0
 98 65.1 0.0 131.4



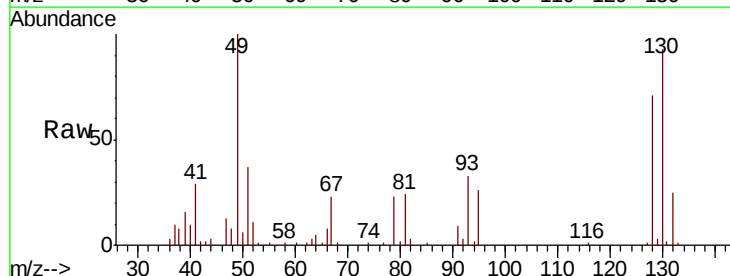
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



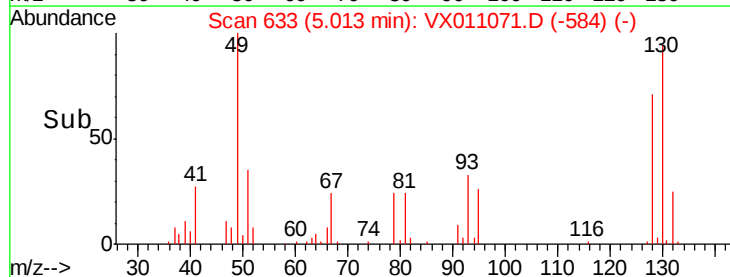
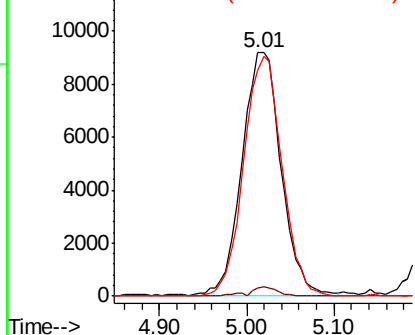
#28

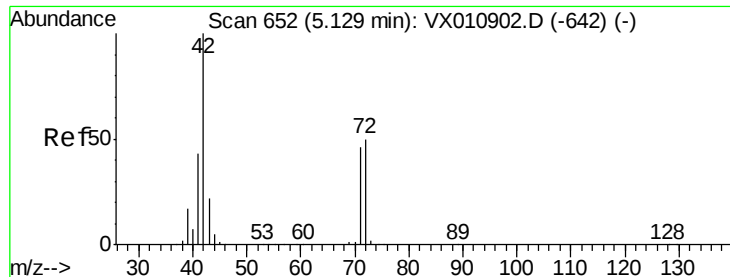
Bromochloromethane
 Concen: 18.672 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

Tgt Ion: 49 Resp: 28741
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.2
 130 95.8 76.9 115.3



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

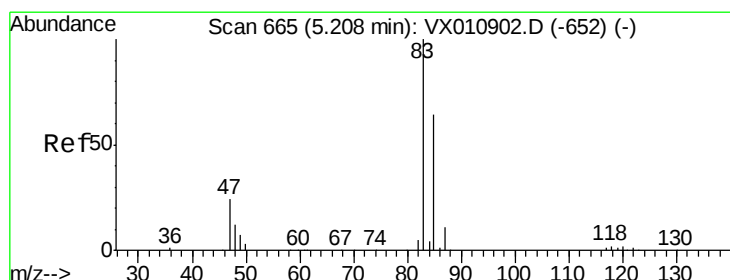
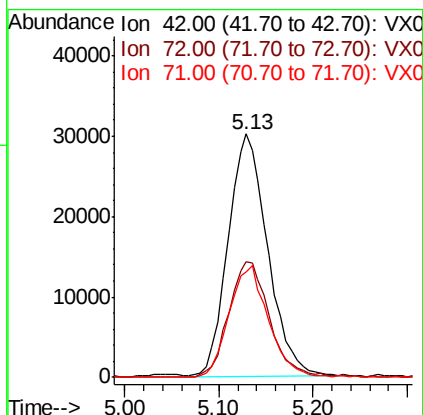
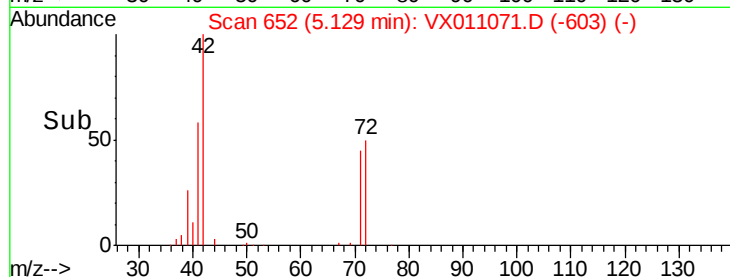
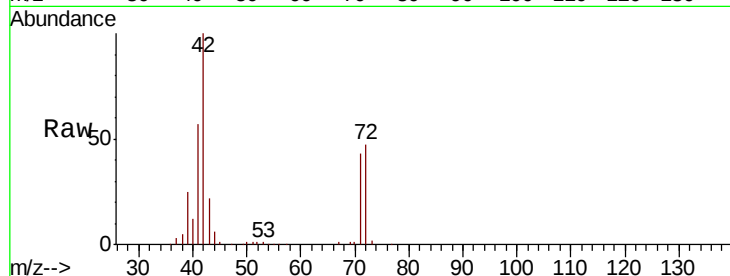




#29
Tetrahydrofuran
Concen: 98.051 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

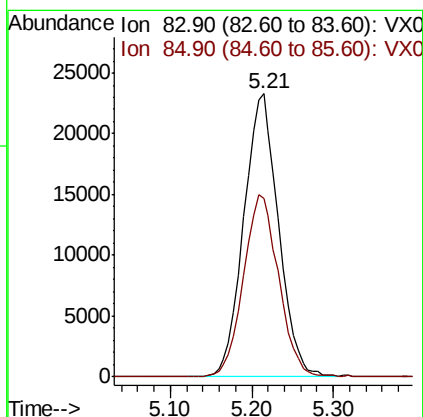
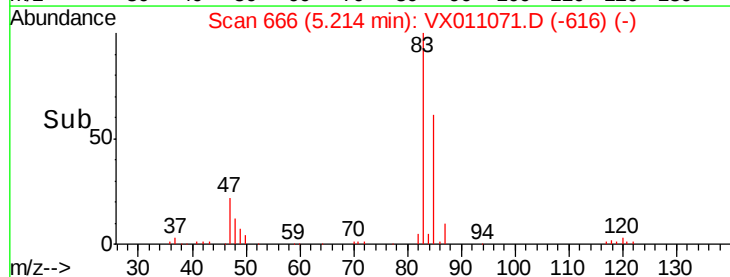
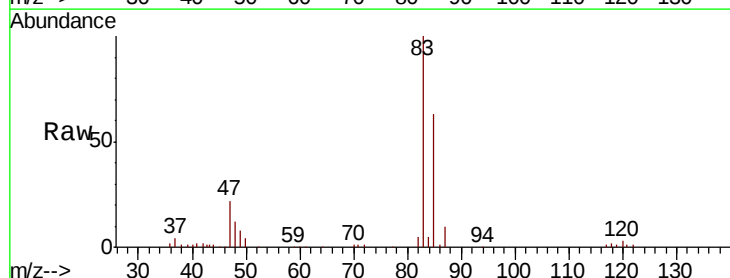
Instrument :
MSVOA_X
ClientSampled :
VX0725WBS02

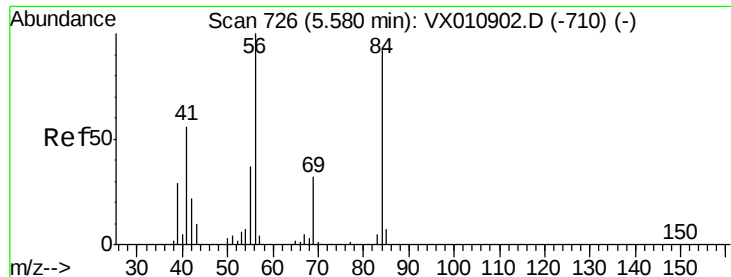
Tot Ion: 42 Resp: 88299
Ion Ratio Lower Upper
42 100
72 49.4 39.8 59.8
71 45.8 37.0 55.4



#30
Chloroform
Concen: 19.544 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion: 83 Resp: 69004
Ion Ratio Lower Upper
83 100
85 63.2 51.4 77.0

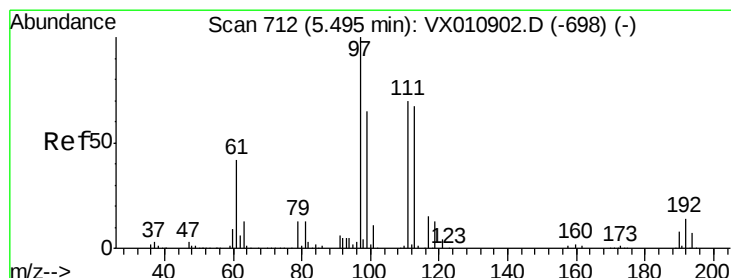
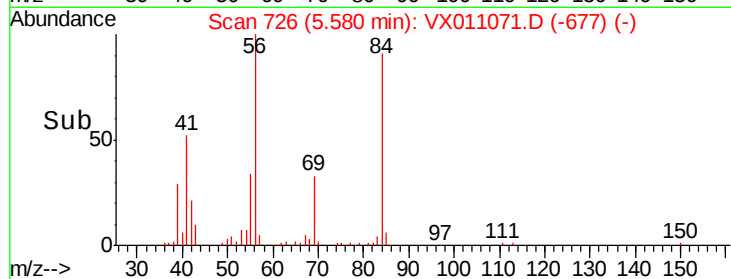
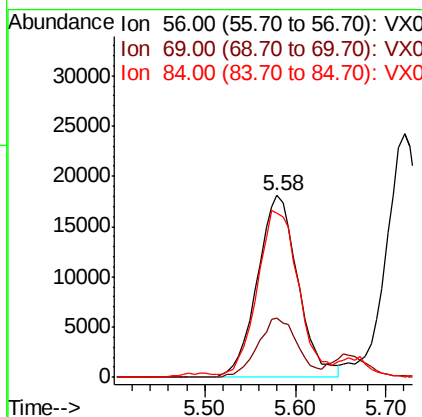
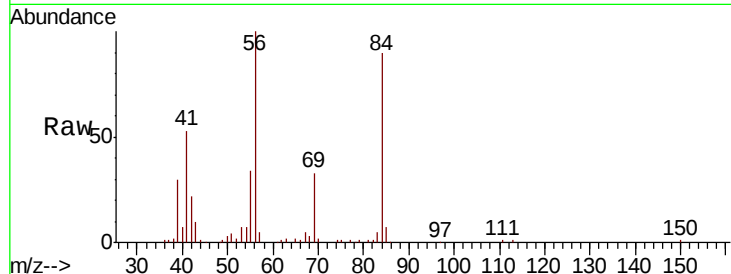




#31
Cyclohexane
Concen: 18.869 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

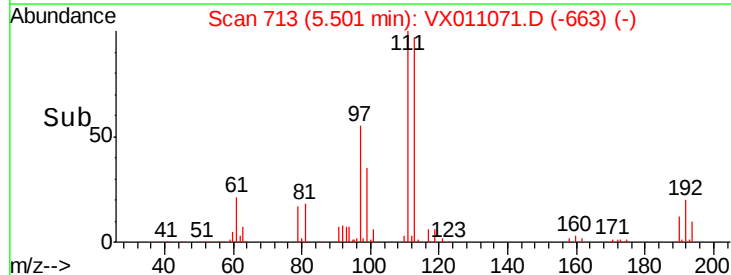
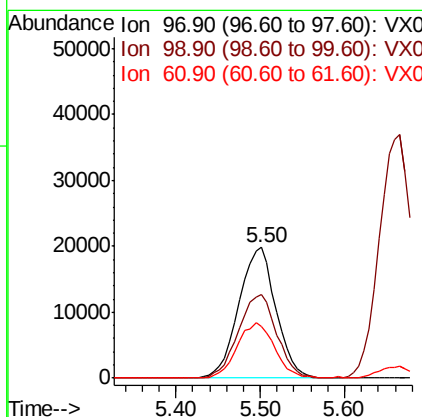
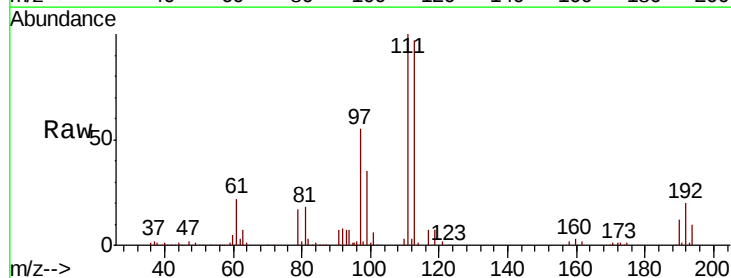
Instrument :
MSVOA_X
ClientSampleId :
VX0725WS02

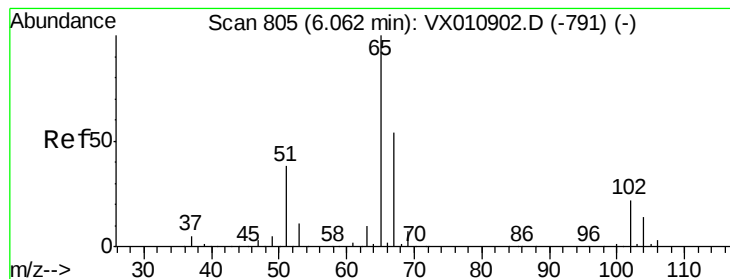
Tot Ion: 56 Resp: 56180
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.8
84 88.4 73.8 110.6



#32
1,1,1-Trichloroethane
Concen: 19.434 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion: 97 Resp: 59362
Ion Ratio Lower Upper
97 100
99 66.1 51.4 77.0
61 42.8 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 50.806 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

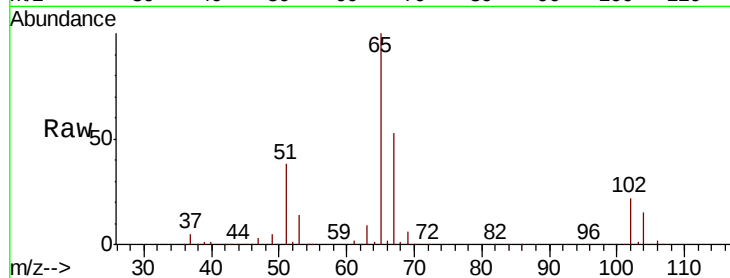
VX0725WBS02

Tot Ion: 65 Resp: 111407

Ion Ratio Lower Upper

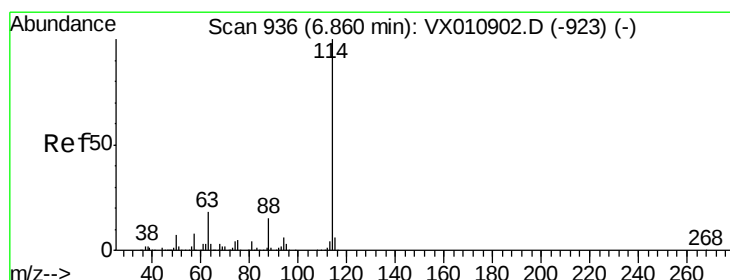
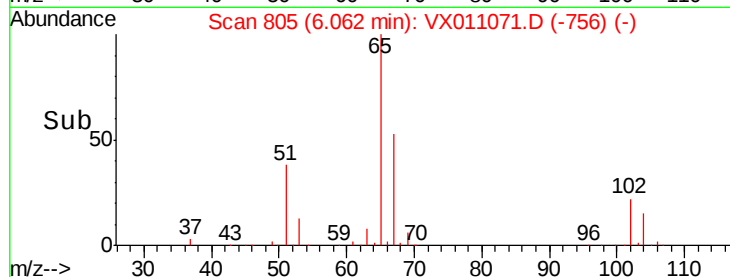
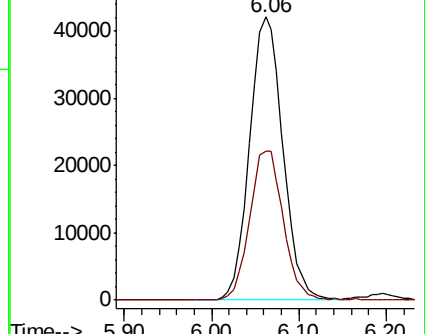
65 100

67 53.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

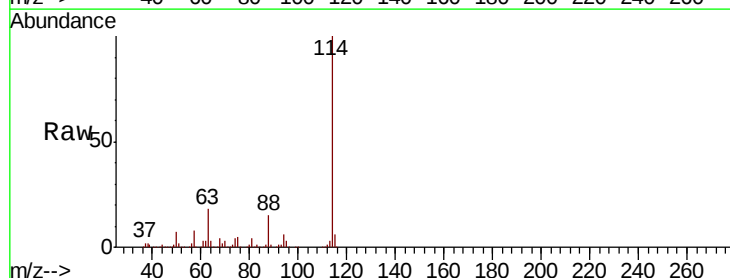
Tgt Ion: 114 Resp: 310453

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

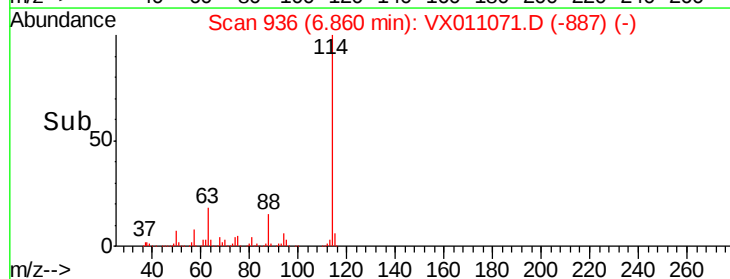
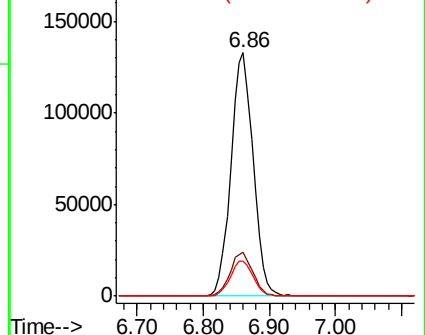
88 14.6 0.0 29.8

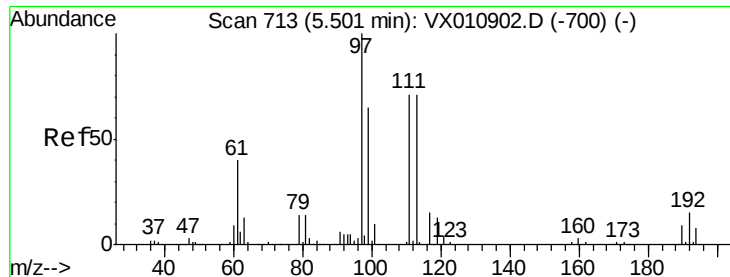


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

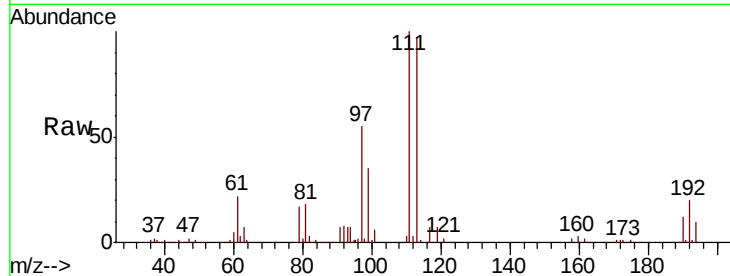




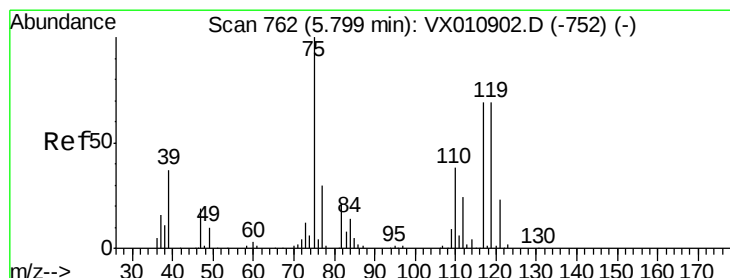
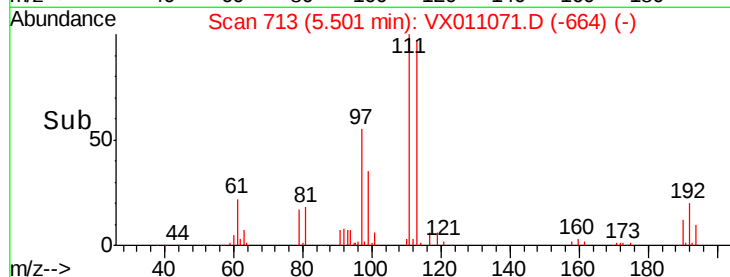
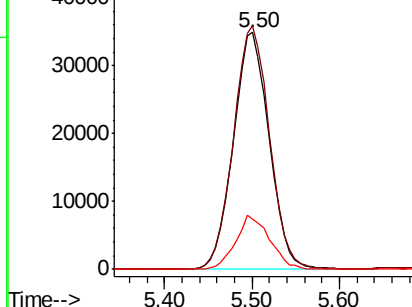
#35
 Dibromofluoromethane
 Concen: 50.506 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS02

Tot Ion:113 Resp: 99523
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.3 123.5
 192 21.6 17.4 26.2

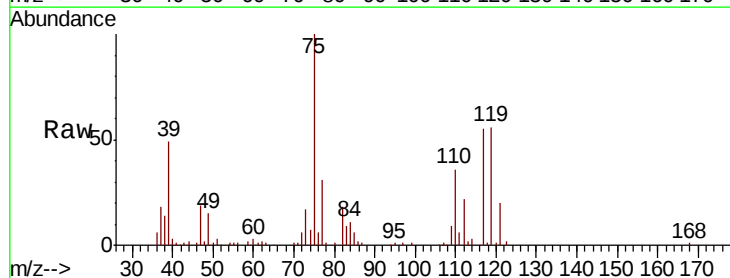


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

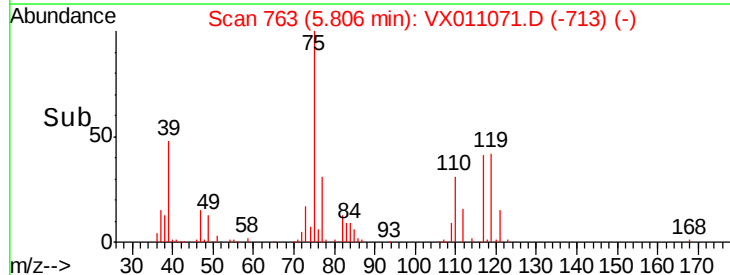
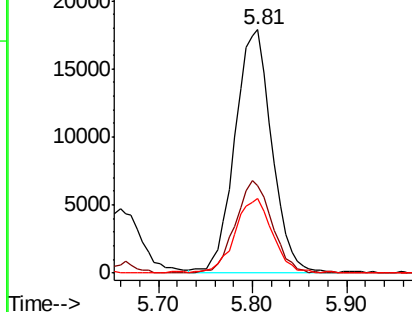


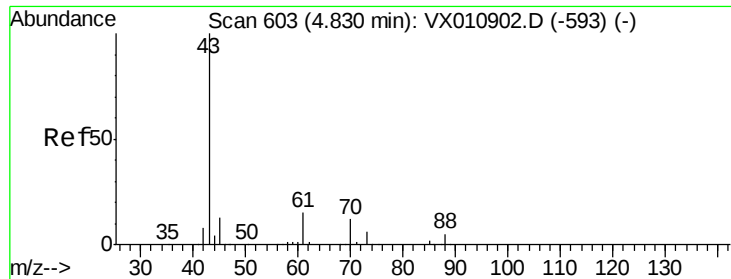
#36
 1,1-Dichloropropene
 Concen: 19.118 ug/l
 RT: 5.81 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

Tgt Ion: 75 Resp: 48753
 Ion Ratio Lower Upper
 75 100
 110 37.7 19.9 59.7
 77 30.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

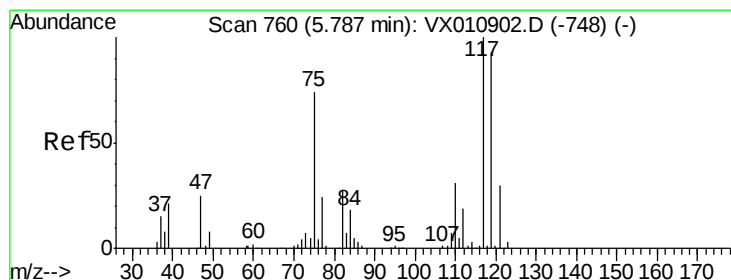
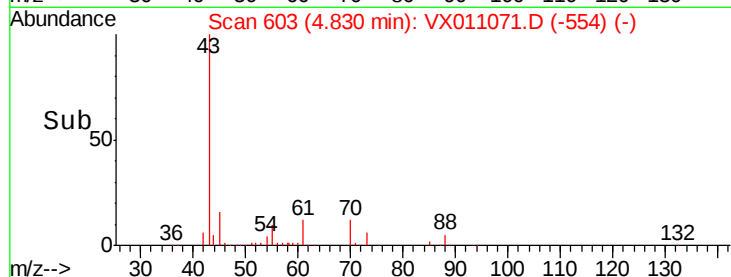
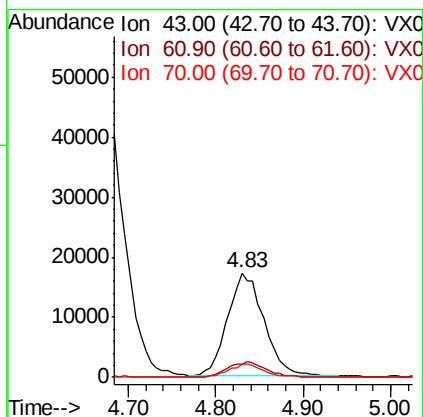
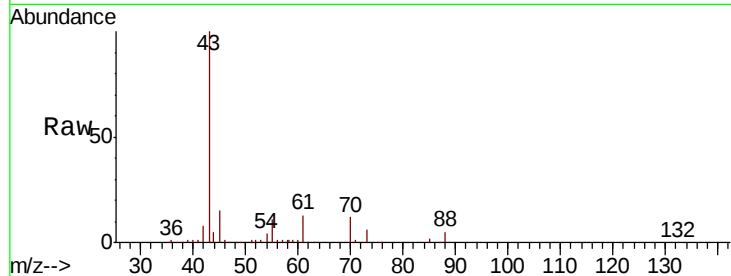




#37
Ethyl Acetate
Concen: 19.162 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

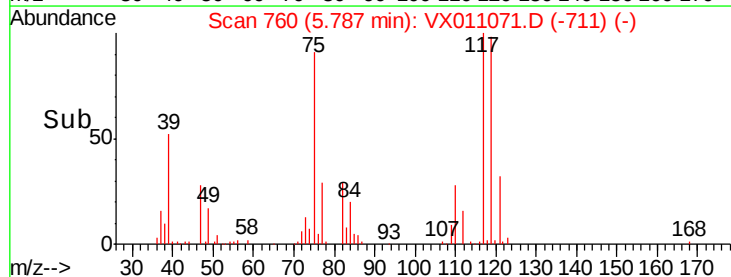
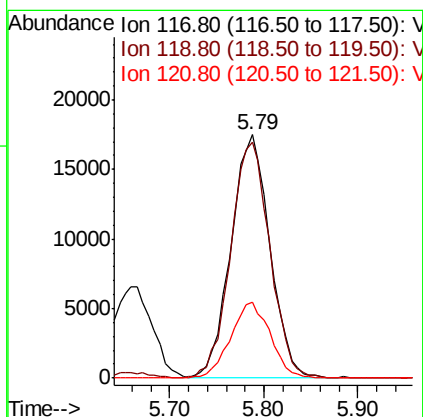
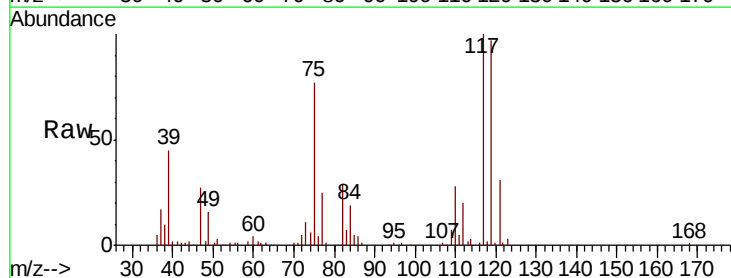
Instrument :
MSVOA_X
ClientSampled :
VX0725WBS02

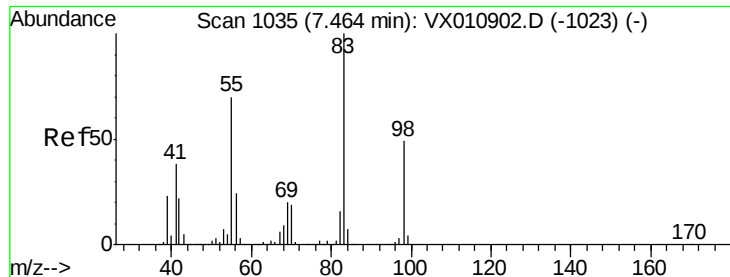
Tot Ion: 43 Resp: 50036
Ion Ratio Lower Upper
43 100
61 16.1 11.6 17.4
70 12.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 19.006 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion: 117 Resp: 50505
Ion Ratio Lower Upper
117 100
119 96.9 74.2 111.2
121 31.3 24.2 36.2

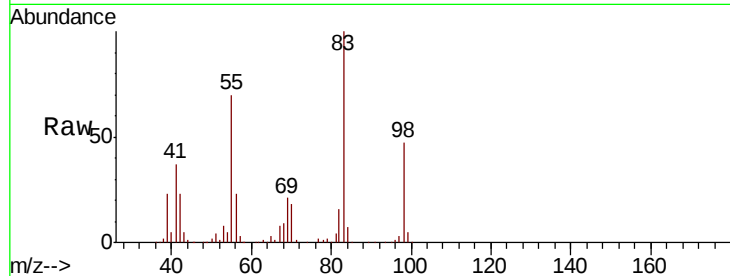




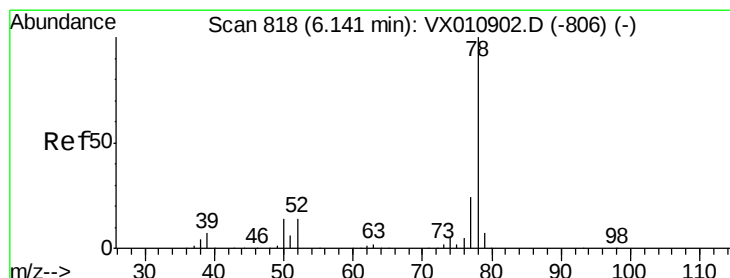
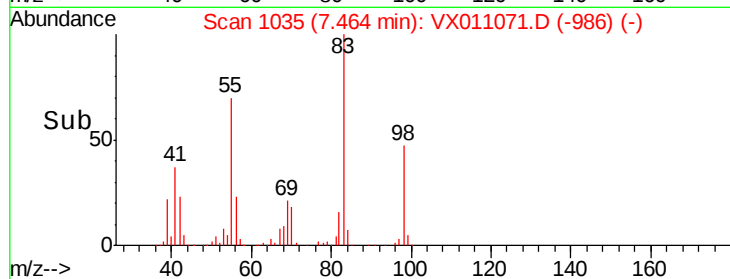
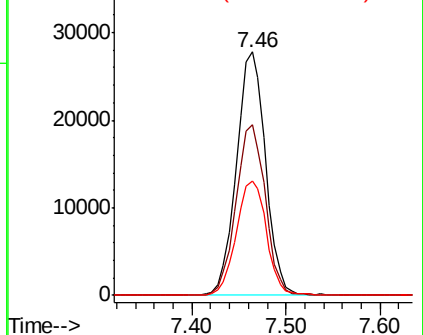
#39
Methvlcvclohexane
Concen: 18.110 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS02

Tot Ion: 83 Resp: 59890
Ion Ratio Lower Upper
83 100
55 70.0 56.2 84.4
98 46.8 39.0 58.4

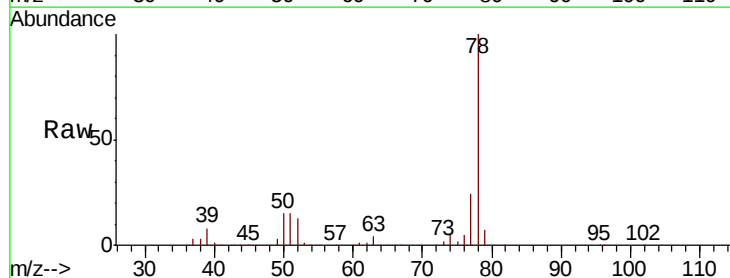


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

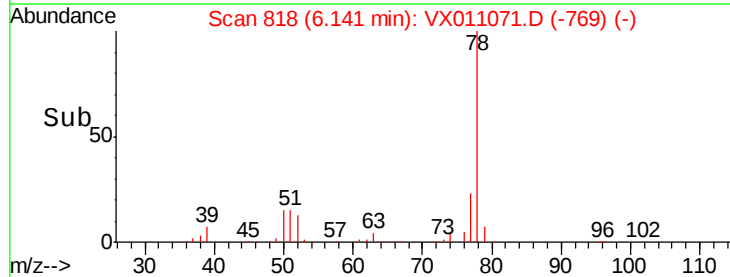
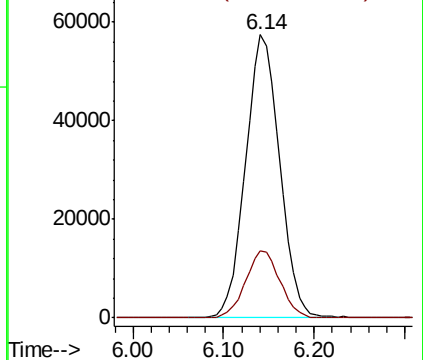


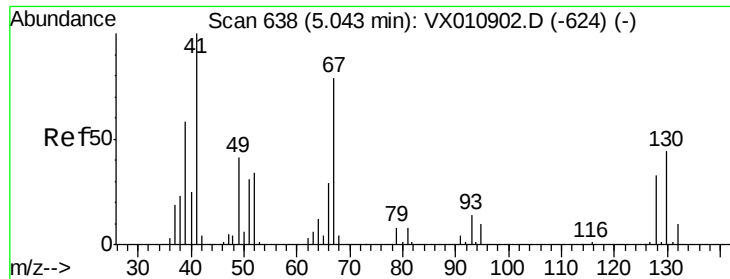
#40
Benzene
Concen: 19.191 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion: 78 Resp: 149908
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

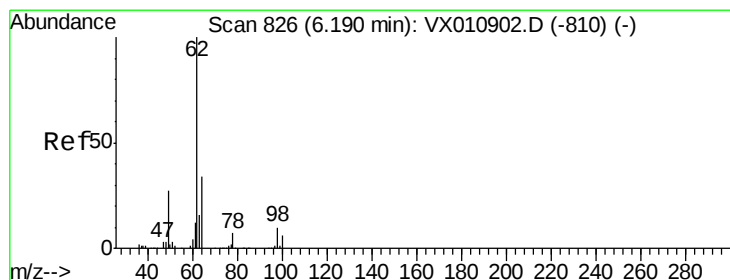
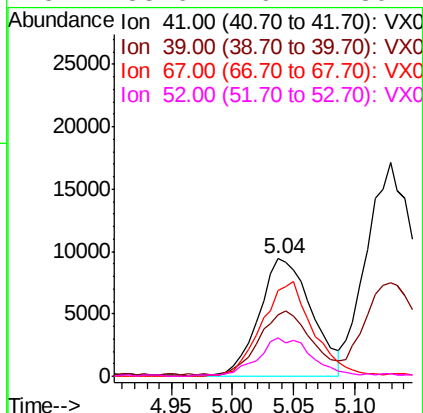
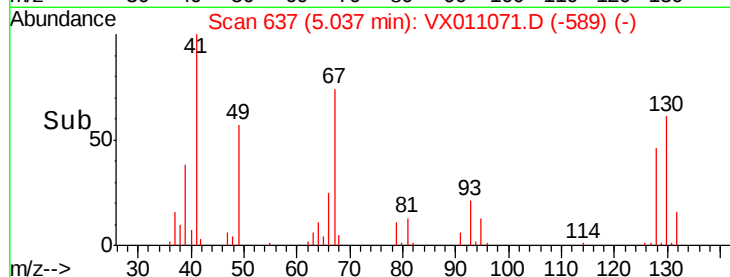
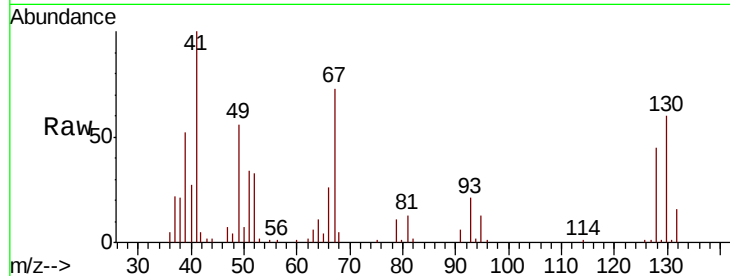




#41
Methacrylonitrile
Concen: 19.122 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

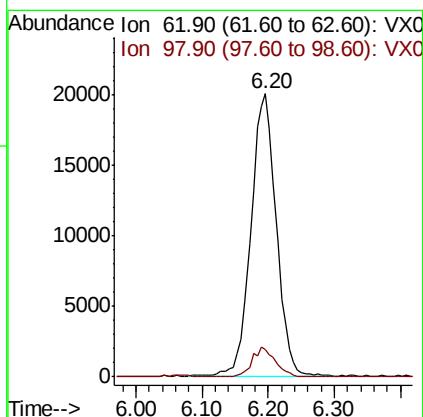
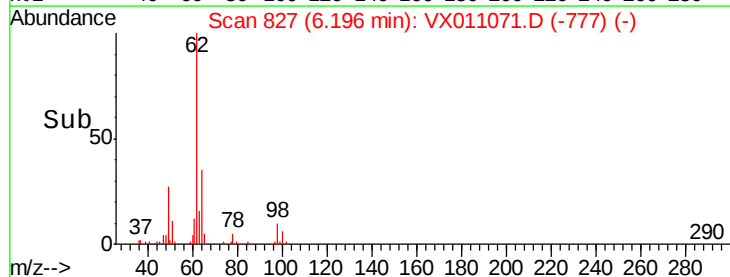
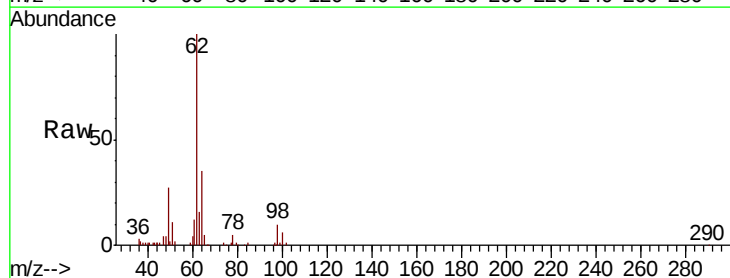
Instrument :
MSVOA_X
ClientSampled :
VX0725WBS02

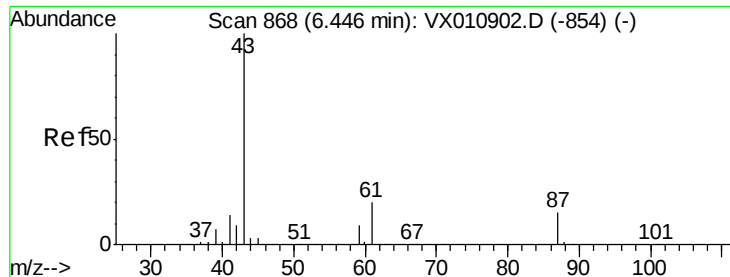
Tot Ion: 41 Resp: 28345
Ion Ratio Lower Upper
41 100
39 54.1 45.4 68.2
67 78.1 65.9 98.9
52 33.6 26.2 39.2



#42
1,2-Dichloroethane
Concen: 19.592 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion: 62 Resp: 53212
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.0





#43

Isopropyl Acetate

Concen: 19.182 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS02

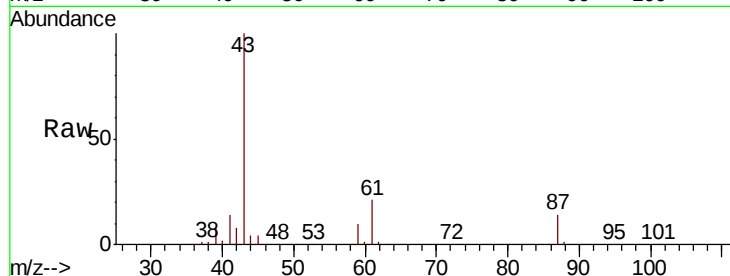
Tot Ion: 43 Resp: 82360

Ion Ratio Lower Upper

43 100

61 20.5 17.1 25.7

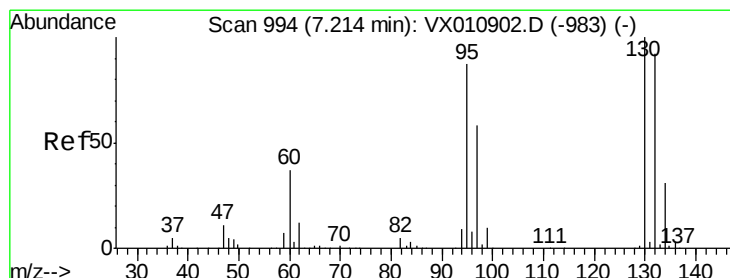
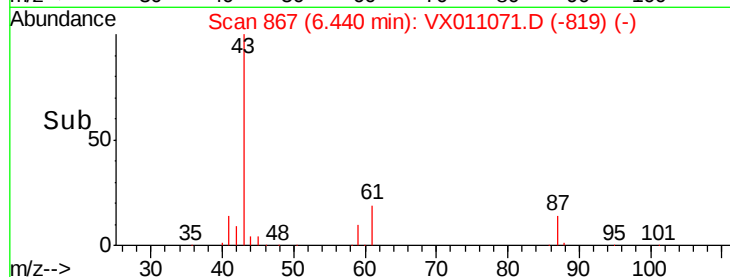
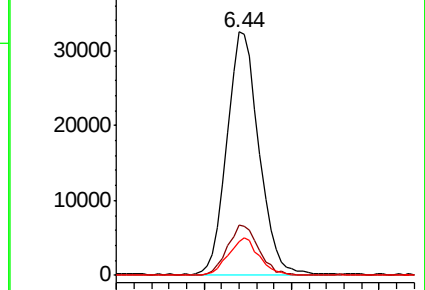
87 14.9 12.0 18.0



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: 18.594 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011071.D

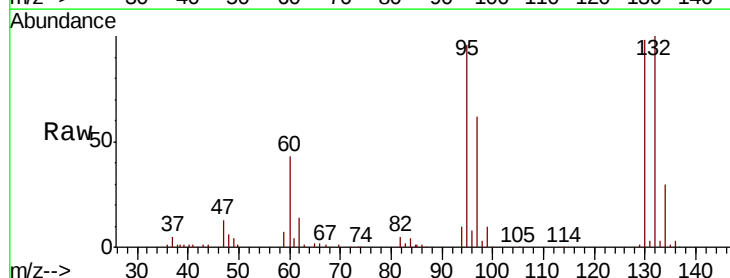
Acq: 25 Jul 2019 12:32

Tgt Ion:130 Resp: 42993

Ion Ratio Lower Upper

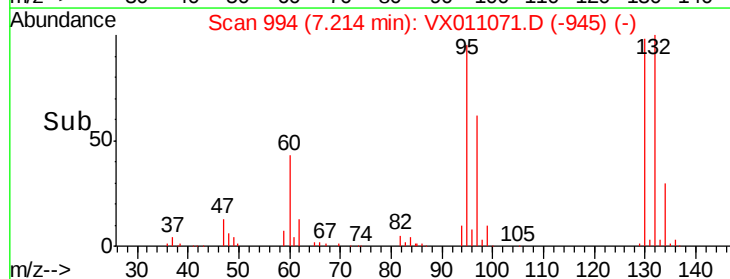
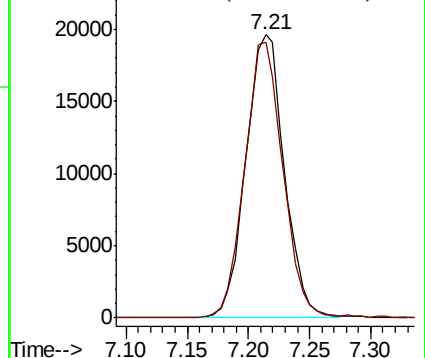
130 100

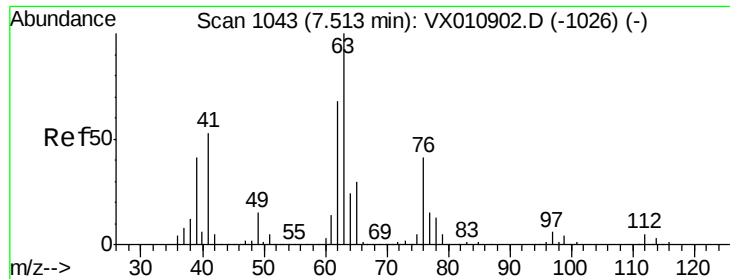
95 97.4 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.031 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

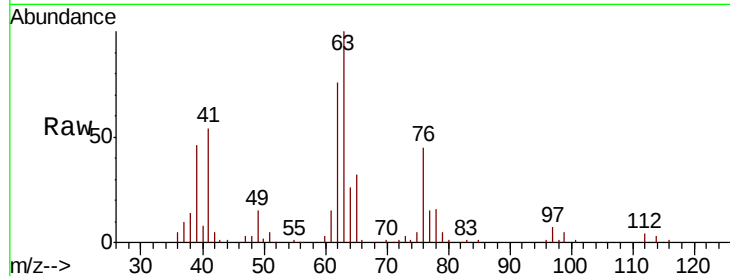
VX0725WBS02

Tot Ion: 63 Resp: 37837

Ion Ratio Lower Upper

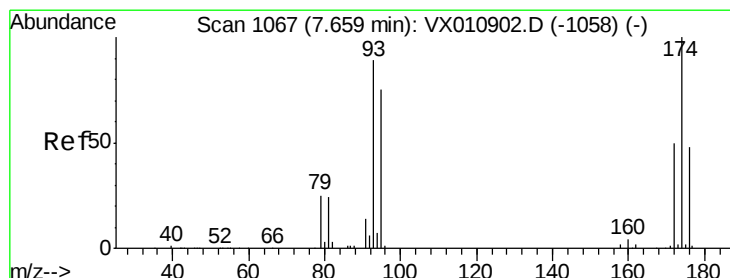
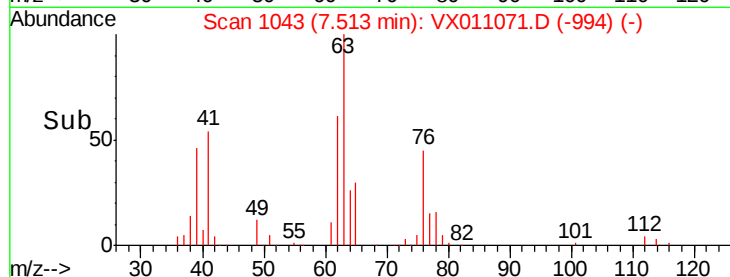
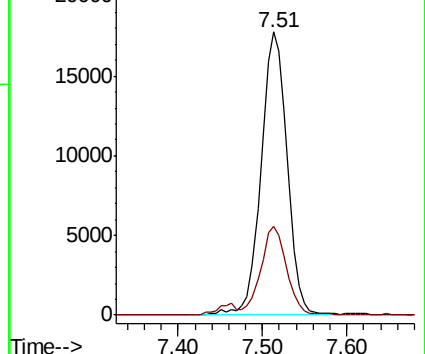
63 100

65 31.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.364 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

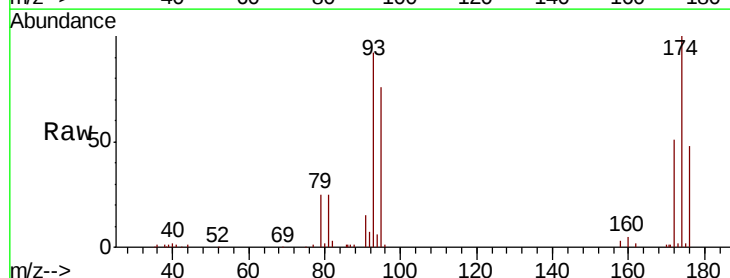
Tgt Ion: 93 Resp: 28931

Ion Ratio Lower Upper

93 100

95 81.1 67.2 100.8

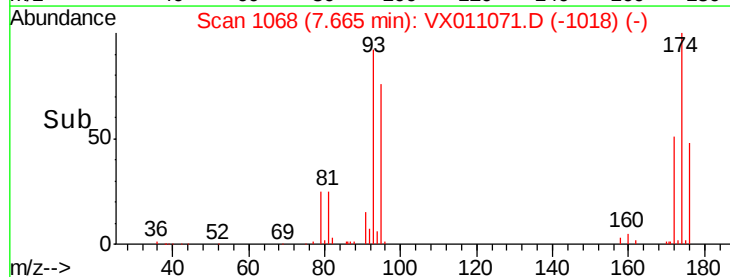
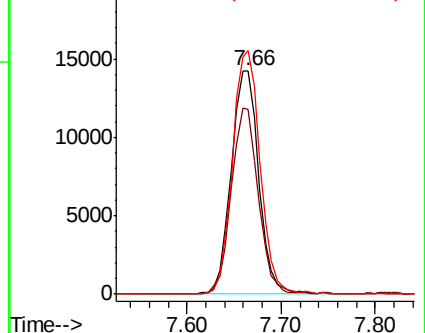
174 109.0 90.6 135.8

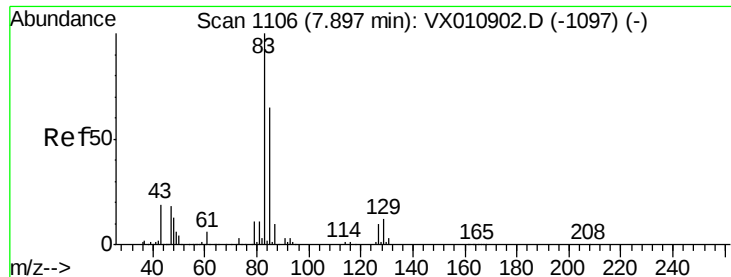


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.486 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS02

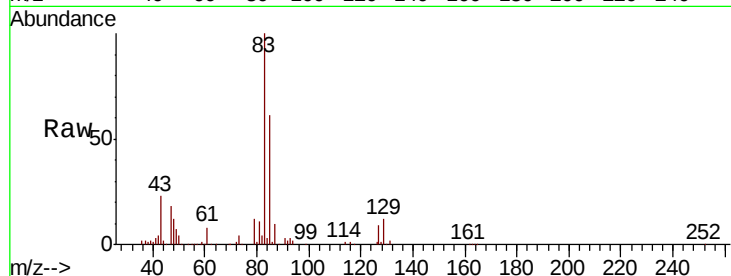
Tot Ion: 83 Resp: 49278

Ion Ratio Lower Upper

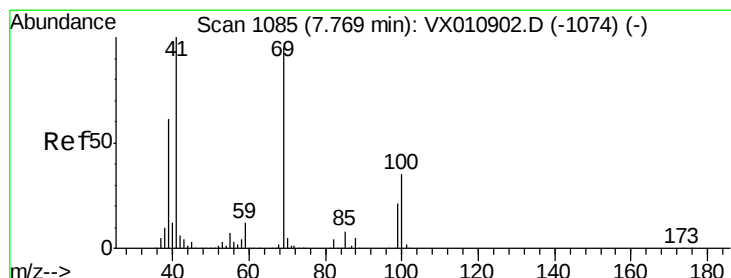
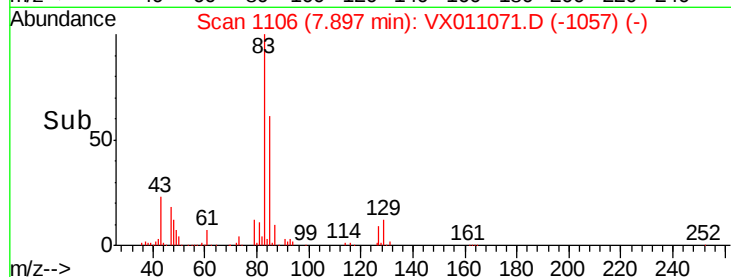
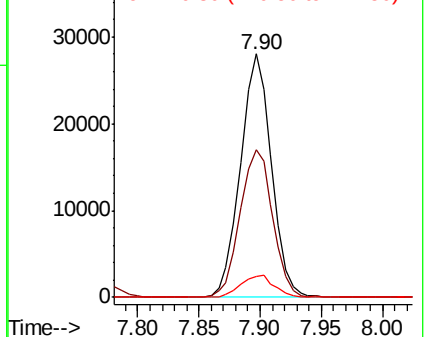
83 100

85 60.7 52.5 78.7

127 8.6 7.8 11.8



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



#48

Methyl methacrylate

Concen: 19.637 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

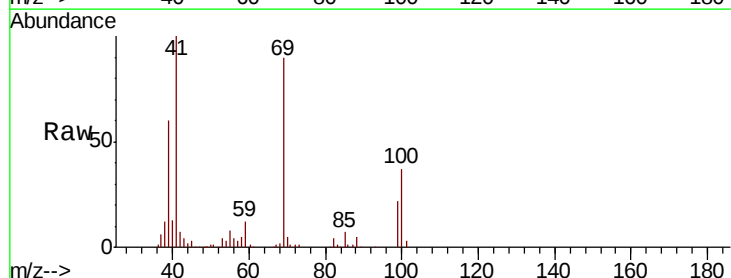
Tgt Ion: 41 Resp: 41073

Ion Ratio Lower Upper

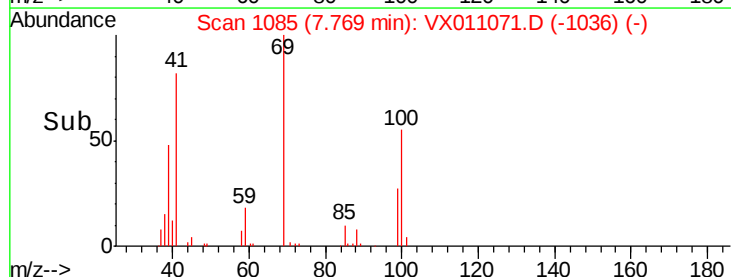
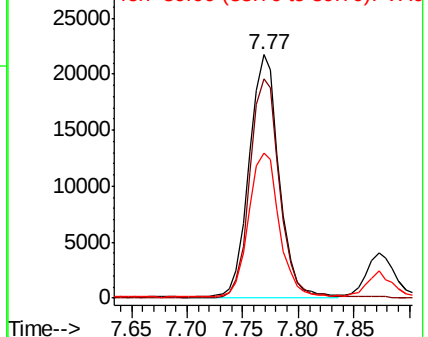
41 100

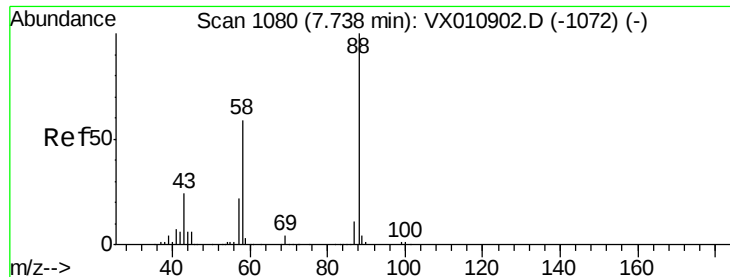
69 90.0 74.4 111.6

39 59.7 48.9 73.3



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

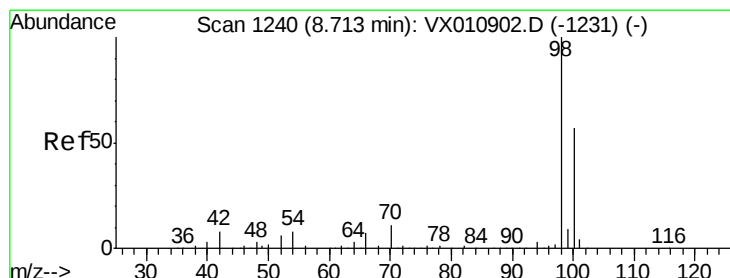
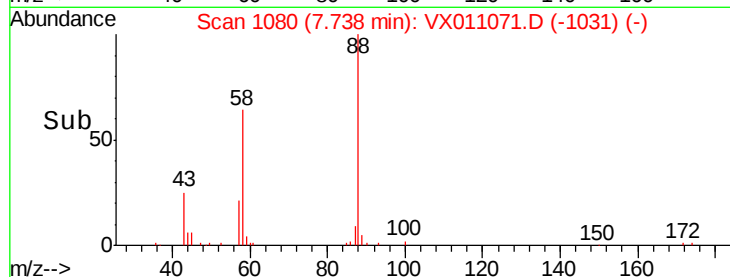
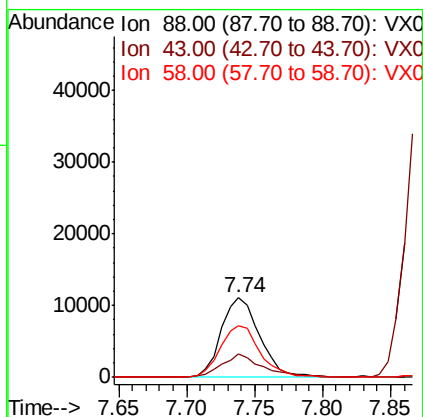
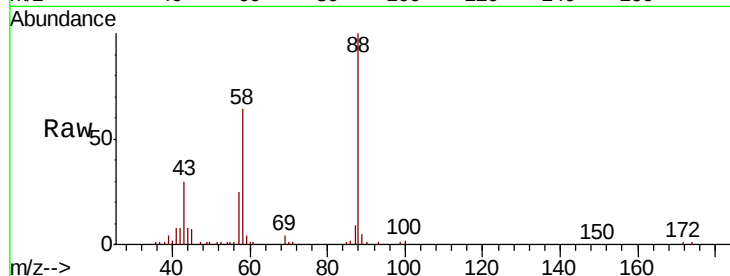




#49
 1,4-Dioxane
 Concen: 375.760 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

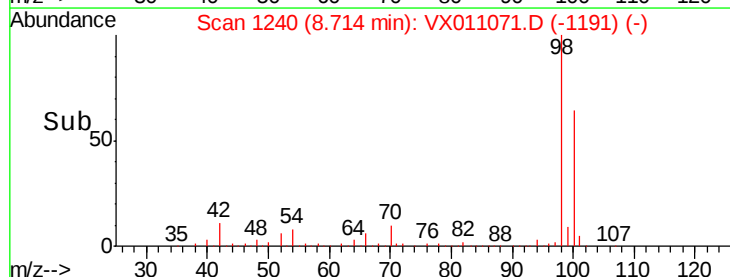
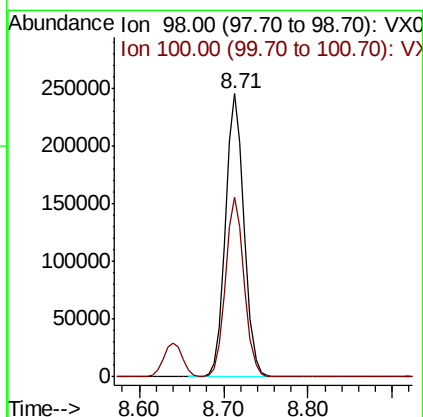
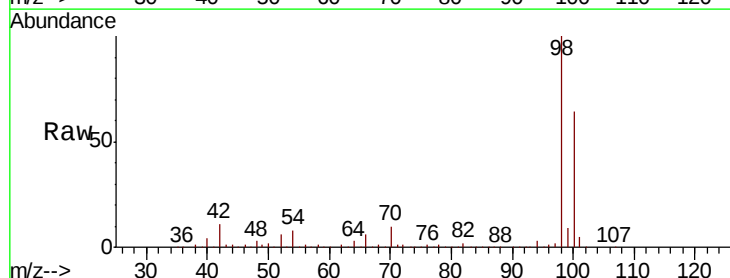
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS02

Tot Ion: 88 Resp: 21985
 Ion Ratio Lower Upper
 88 100
 43 29.3 22.9 34.3
 58 67.3 49.8 74.8



#50
 Toluene-d8
 Concen: 50.445 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

Tgt Ion: 98 Resp: 372819
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.6 75.8

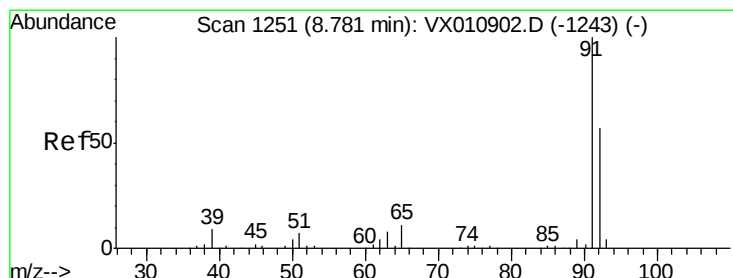
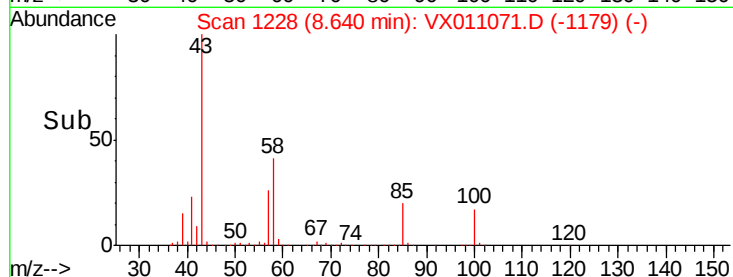
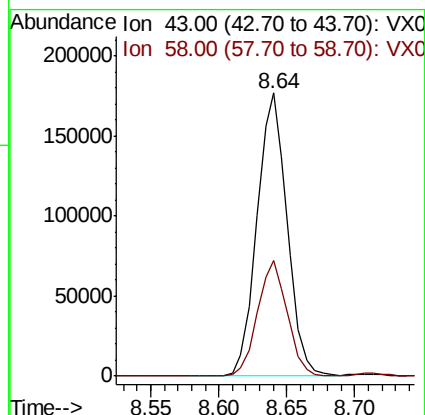
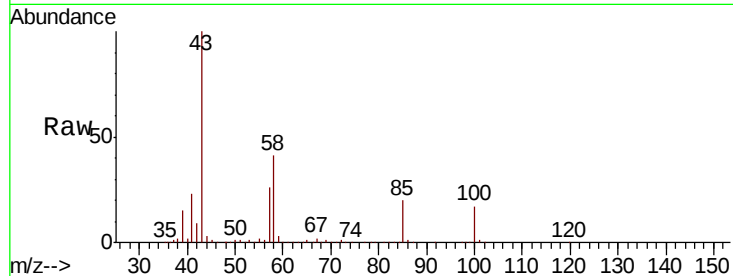




#51
 4-Methyl-2-Pentanone
 Concen: 98.625 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

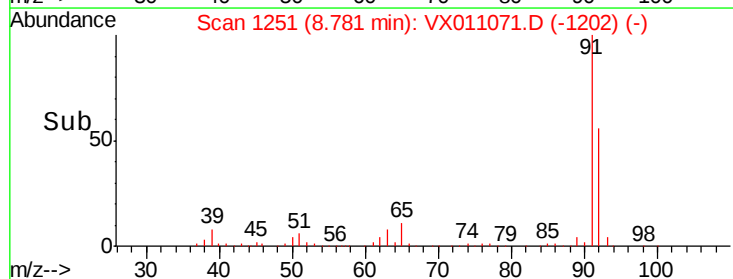
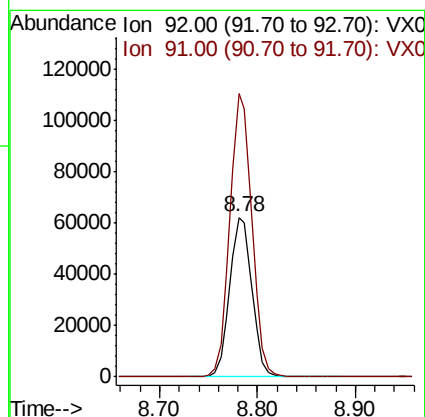
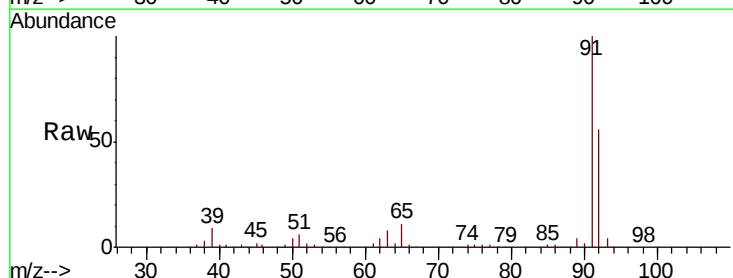
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS02

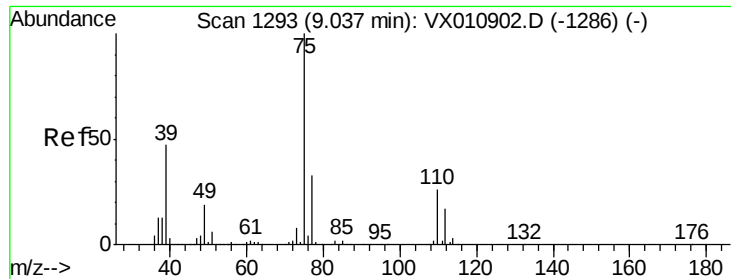
Tot Ion: 43 Resp: 274502
 Ion Ratio Lower Upper
 43 100
 58 40.4 32.2 48.4



#52
 Toluene
 Concen: 19.123 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

Tgt Ion: 92 Resp: 98130
 Ion Ratio Lower Upper
 92 100
 91 175.3 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 18.803 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

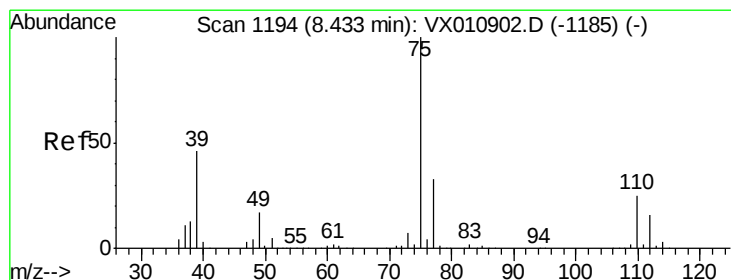
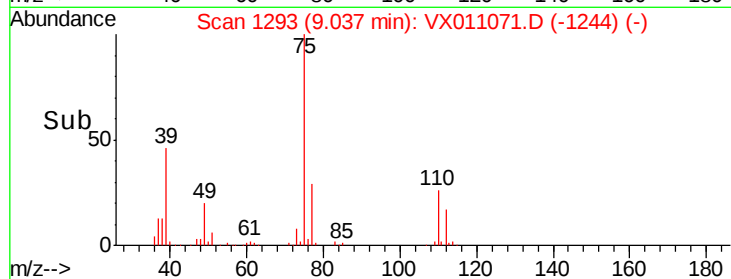
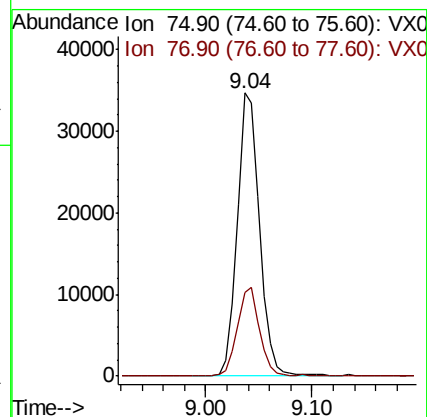
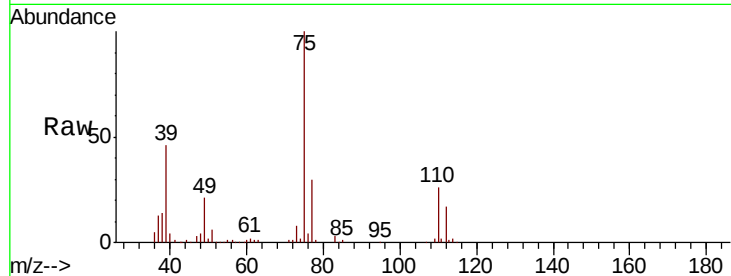
VX0725WBS02

Tot Ion: 75 Resp: 51129

Ion Ratio Lower Upper

75 100

77 29.6 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 18.987 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

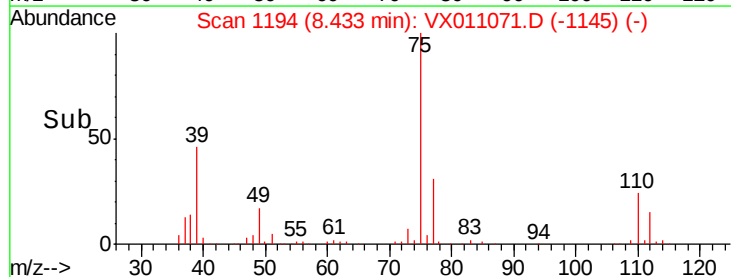
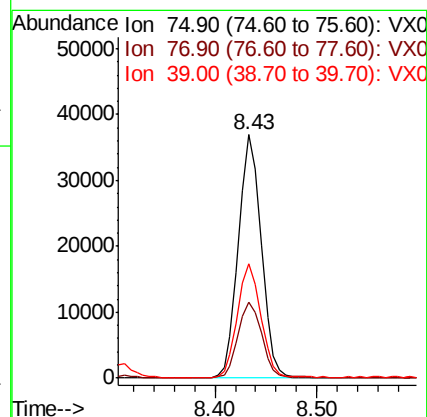
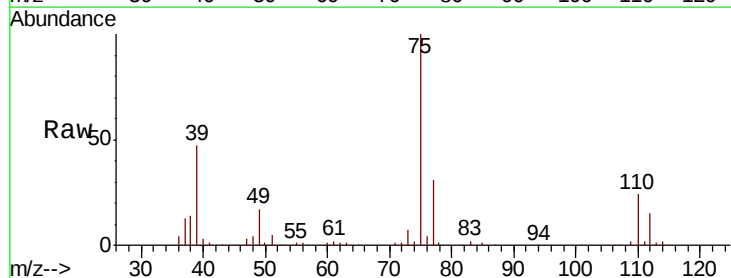
Tgt Ion: 75 Resp: 57452

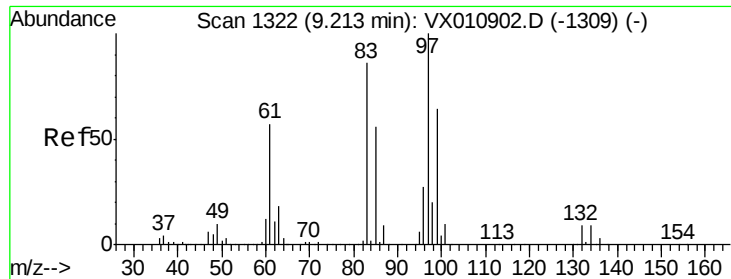
Ion Ratio Lower Upper

75 100

77 31.2 26.1 39.1

39 46.5 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 19.490 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS02

Tot Ion: 97 Resp: 41180

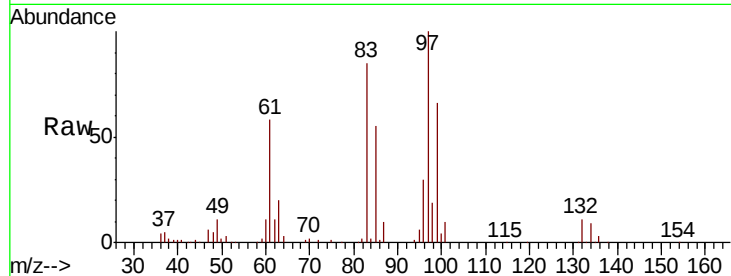
Ion Ratio Lower Upper

97 100

83 85.1 69.2 103.8

85 55.5 44.6 66.8

99 65.3 51.2 76.8



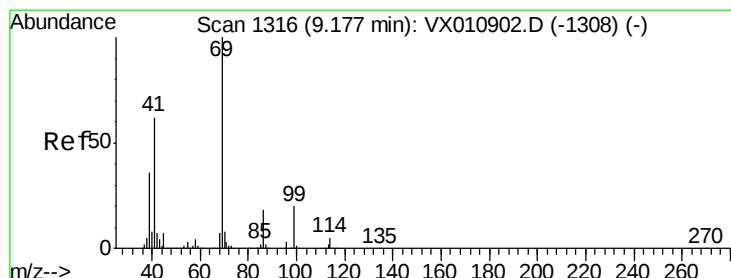
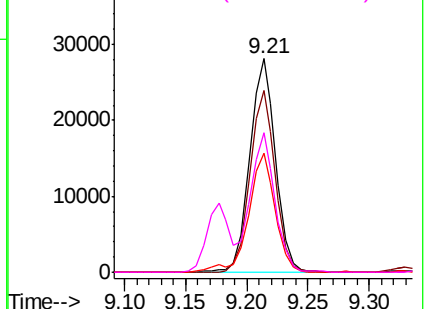
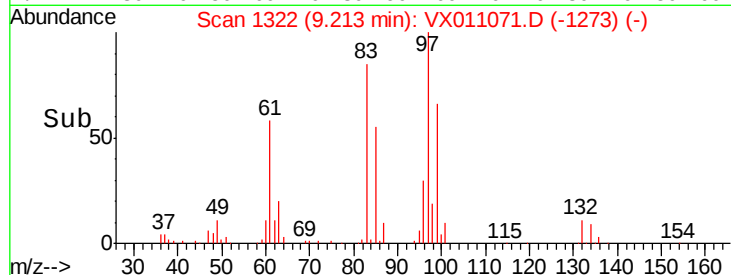
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.641 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

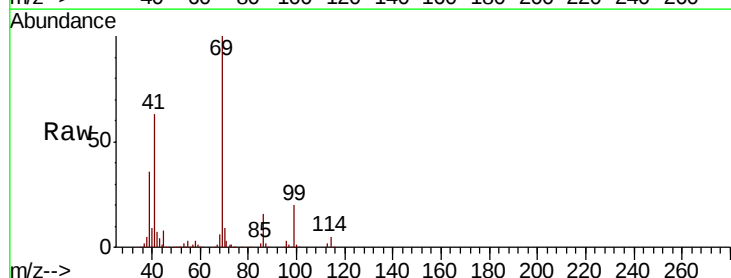
Tgt Ion: 69 Resp: 60704

Ion Ratio Lower Upper

69 100

41 61.7 49.7 74.5

39 38.6 29.6 44.4

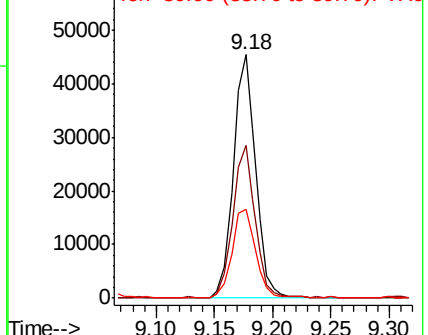
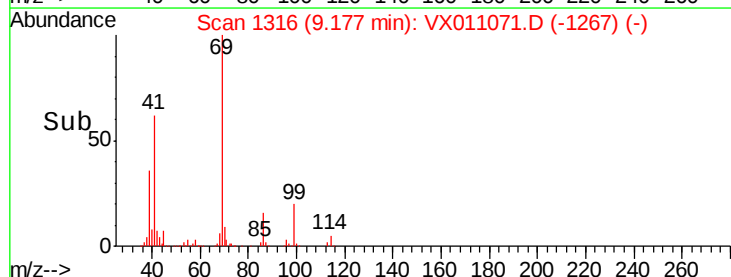


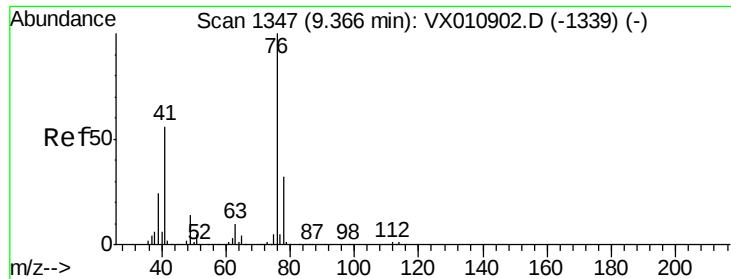
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.705 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

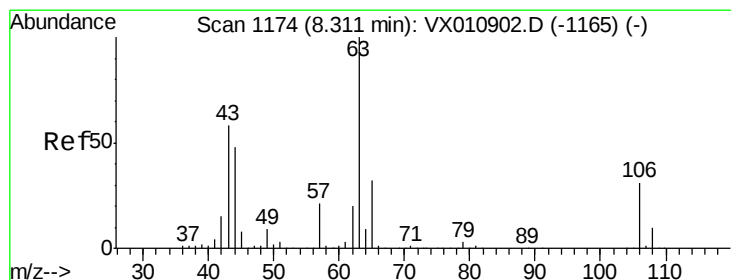
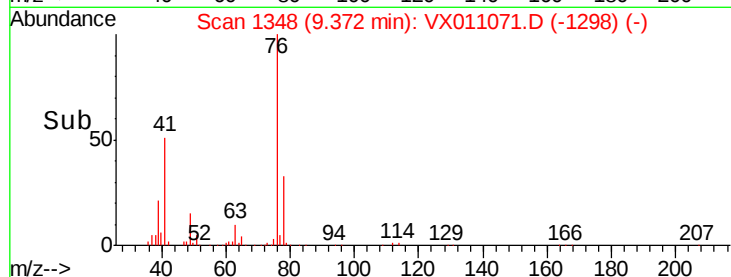
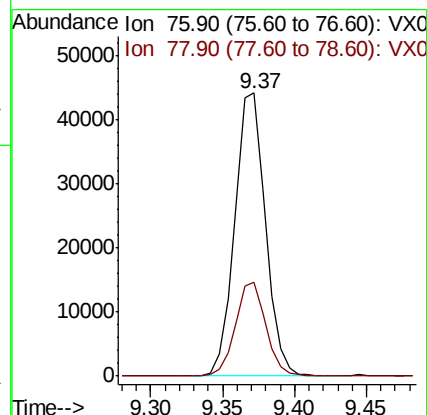
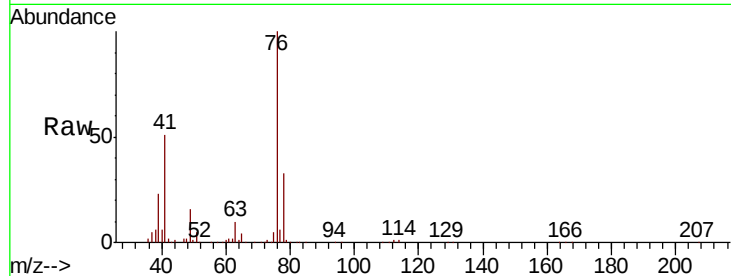
VX0725WBS02

Tot Ion: 76 Resp: 66049

Ion Ratio Lower Upper

76 100

78 32.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 98.186 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX011071.D

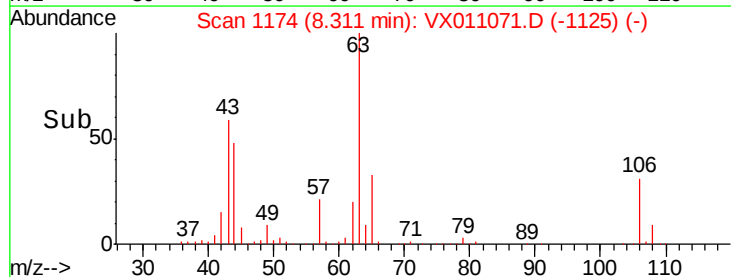
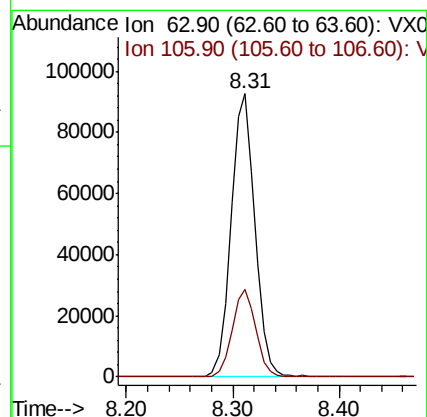
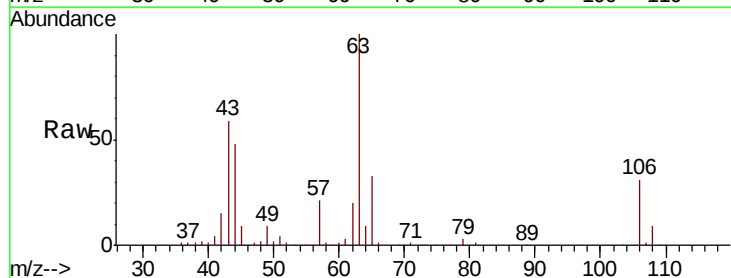
Acq: 25 Jul 2019 12:32

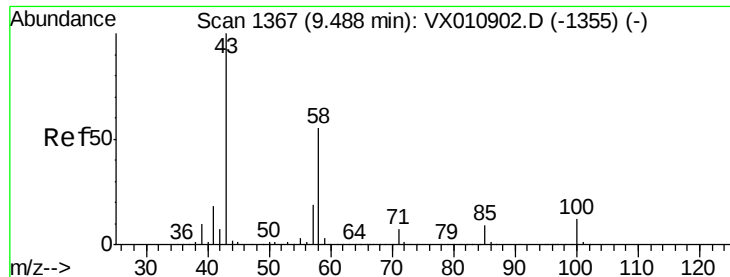
Tgt Ion: 63 Resp: 144861

Ion Ratio Lower Upper

63 100

106 30.7 24.0 36.0

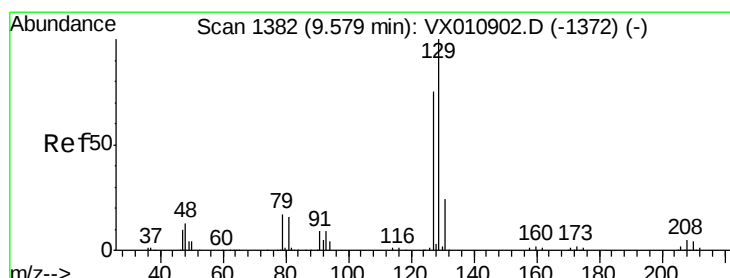
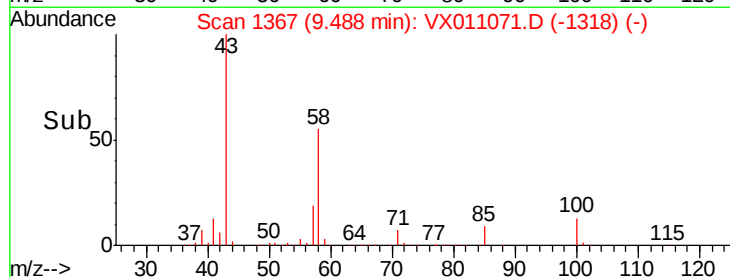
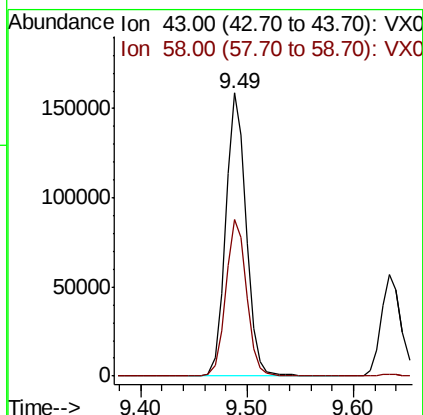
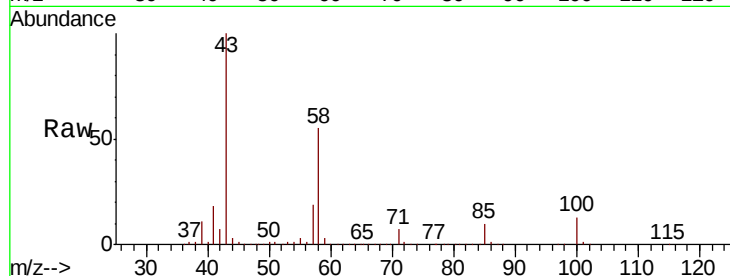




#59
2-Hexanone
Concen: 99.193 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

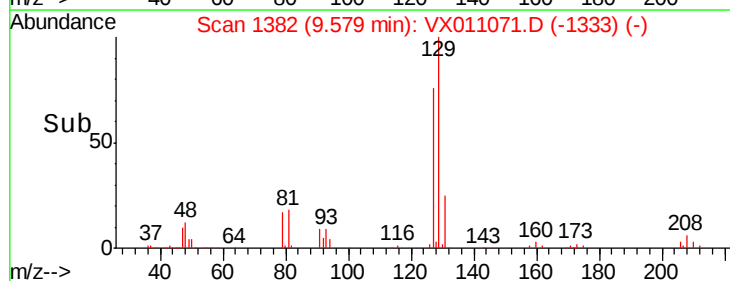
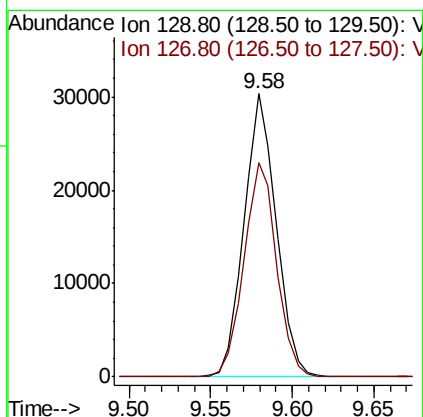
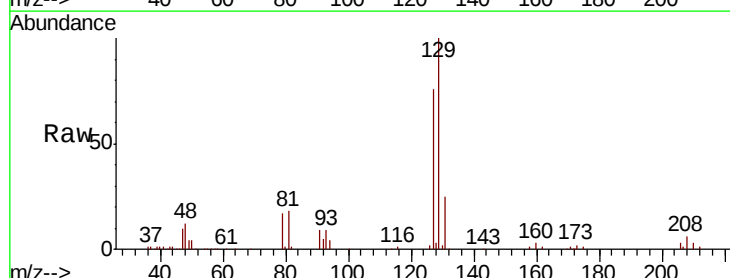
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS02

Tot Ion: 43 Resp: 214134
Ion Ratio Lower Upper
43 100
58 56.2 28.0 83.9



#60
Dibromochloromethane
Concen: 18.774 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion: 129 Resp: 41609
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.403 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

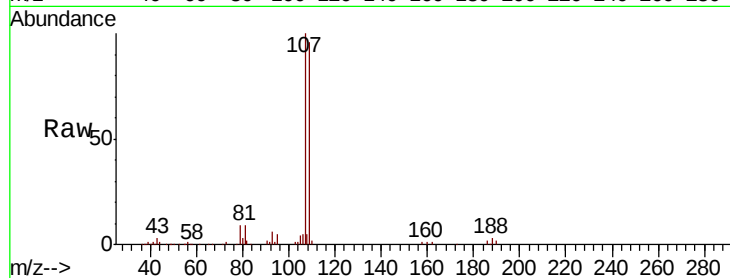
VX0725WBS02

Tot Ion:107 Resp: 43509

Ion Ratio Lower Upper

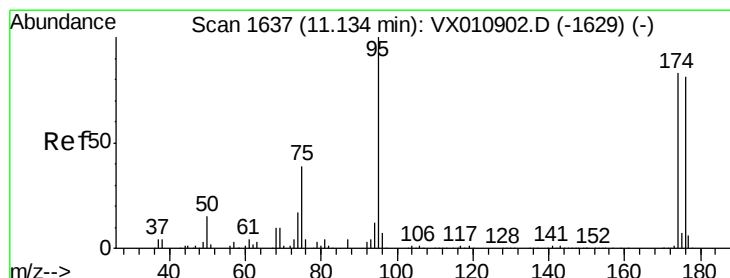
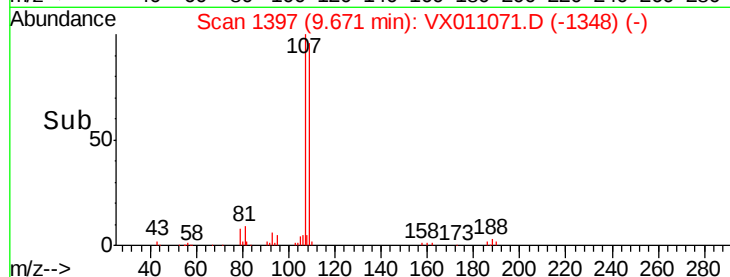
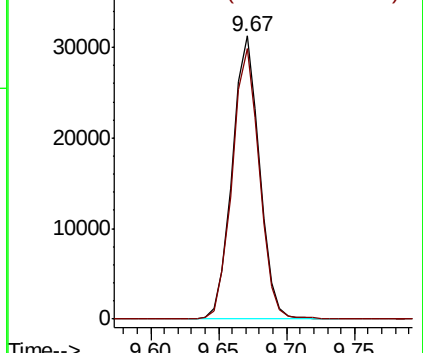
107 100

109 95.6 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.209 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

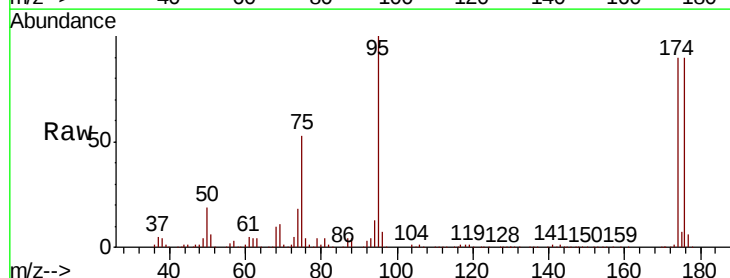
Tgt Ion: 95 Resp: 136396

Ion Ratio Lower Upper

95 100

174 91.0 0.0 180.6

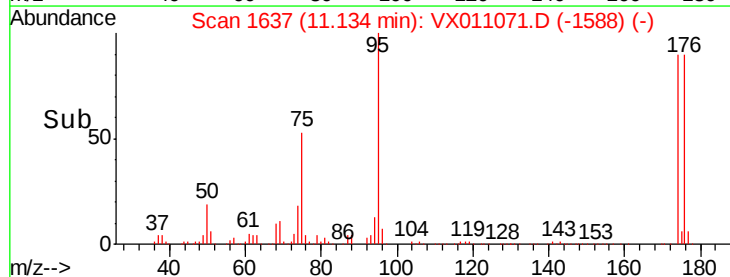
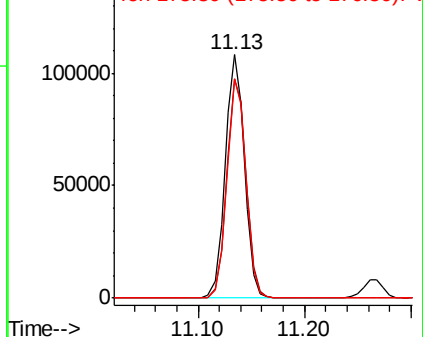
176 89.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

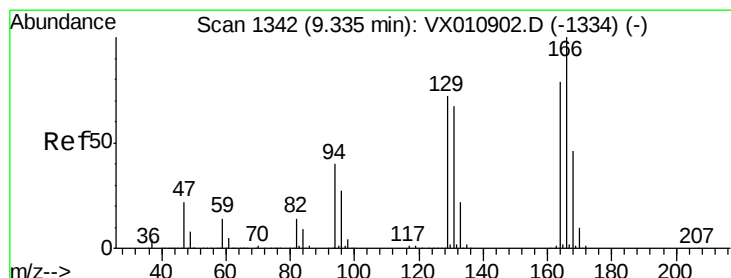
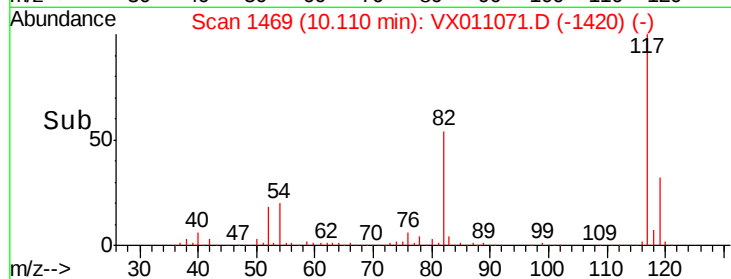
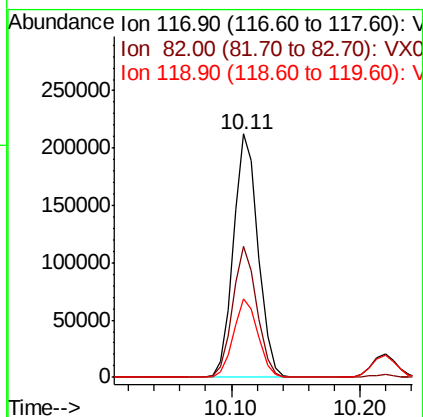
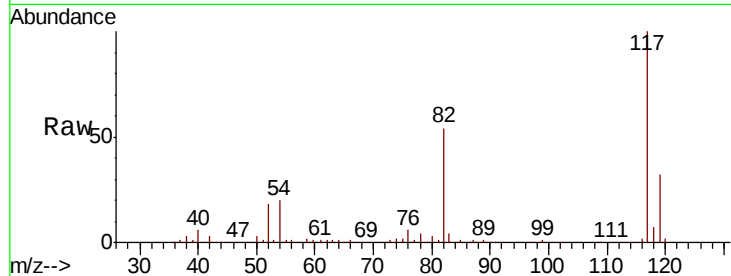




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

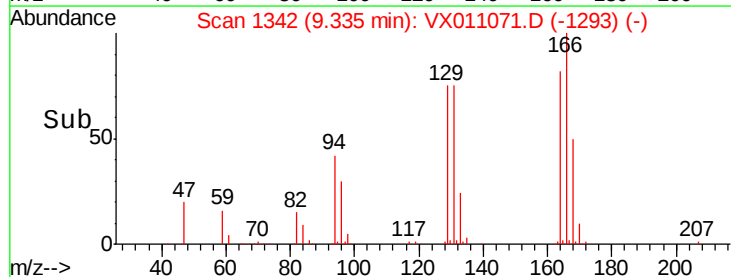
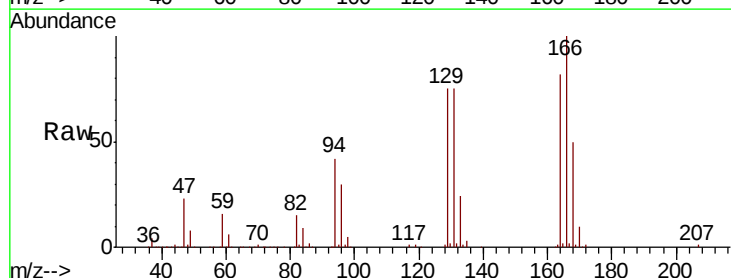
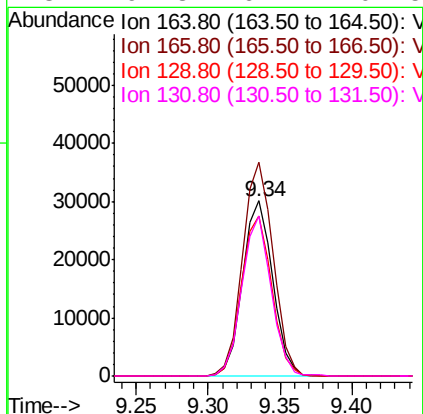
Instrument :
MSVOA_X
ClientSampled :
VX0725WBS02

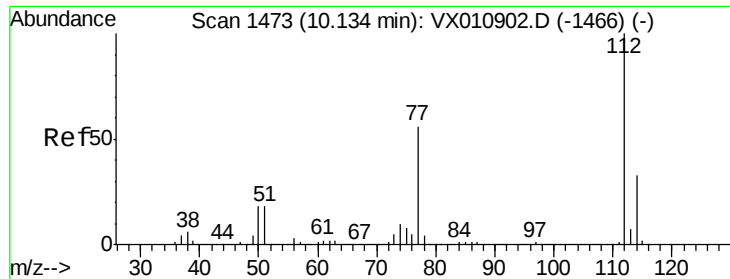
Tot Ion:117 Resp: 283100
Ion Ratio Lower Upper
117 100
82 53.8 42.6 63.8
119 32.1 25.9 38.9



#64
Tetrachloroethene
Concen: 19.470 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion:164 Resp: 43361
Ion Ratio Lower Upper
164 100
166 122.2 100.8 151.2
129 91.5 72.6 109.0
131 91.3 67.7 101.5

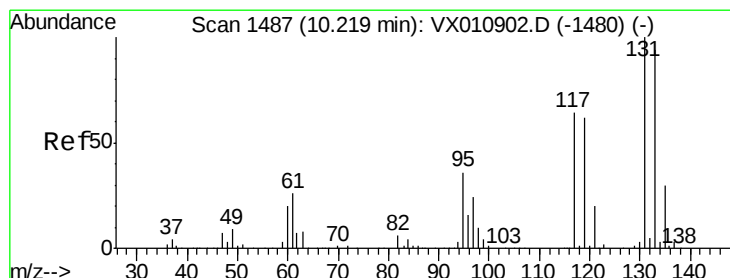
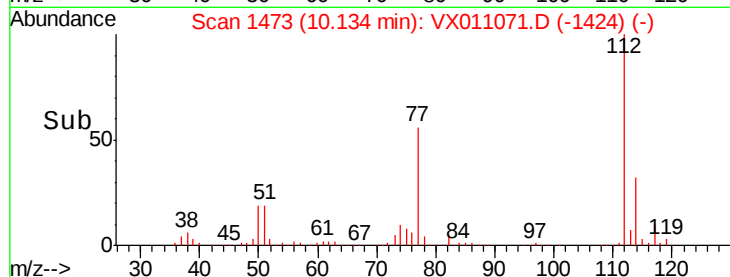
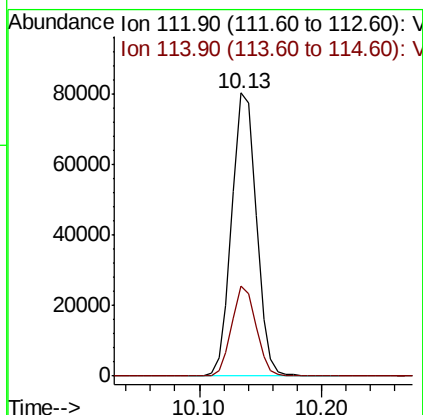
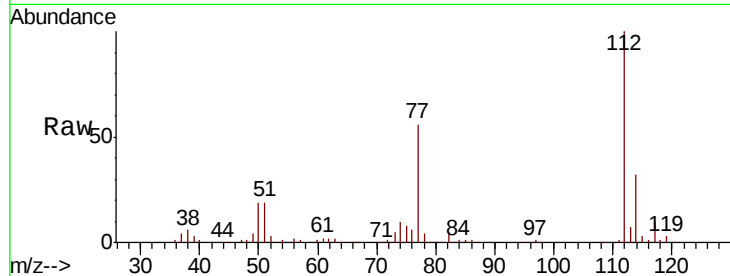




#65
Chlorobenzene
Concen: 19.215 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

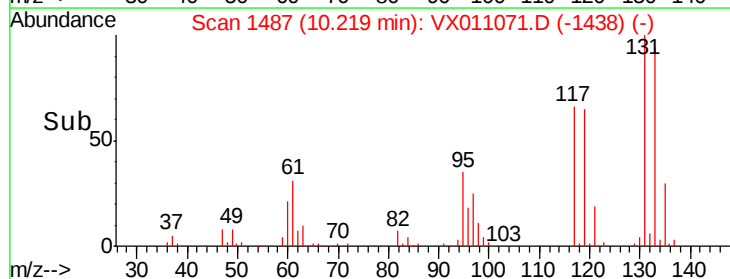
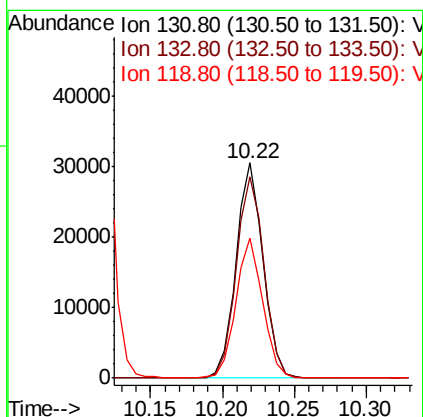
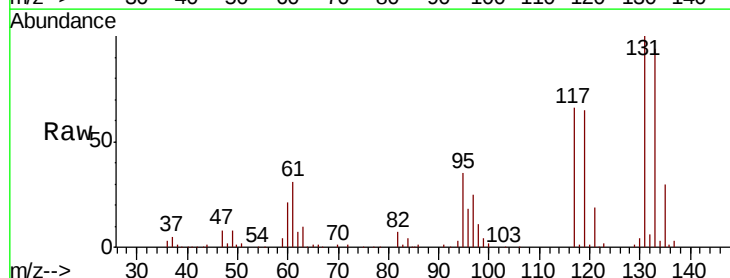
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS02

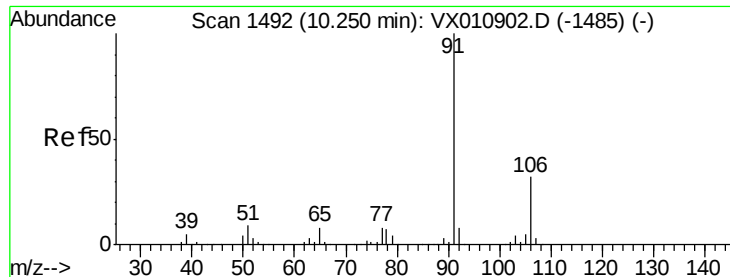
Tot Ion:112 Resp: 111726
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.528 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion:131 Resp: 39907
Ion Ratio Lower Upper
131 100
133 96.0 47.1 141.4
119 64.9 31.9 95.7

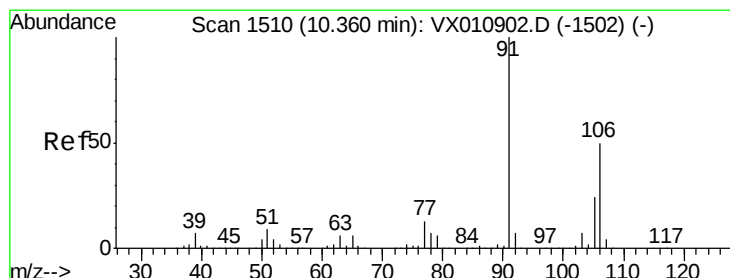
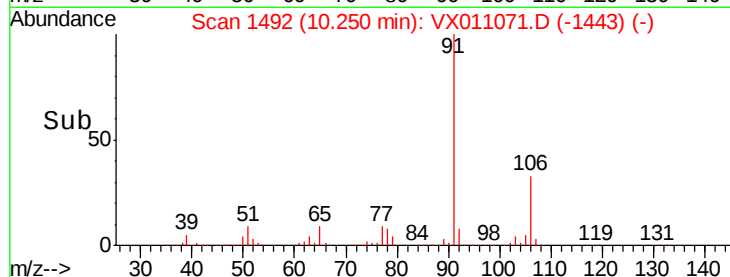
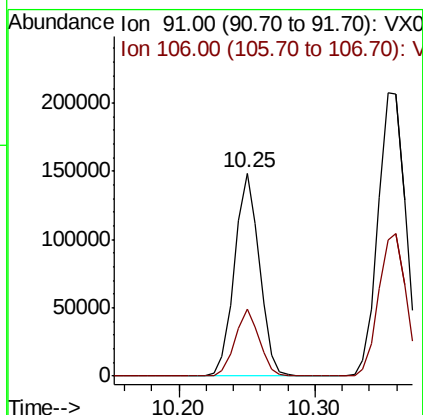
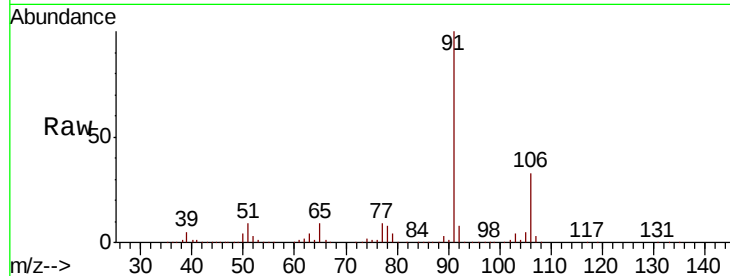




#67
Ethyl Benzene
Concen: 19.111 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

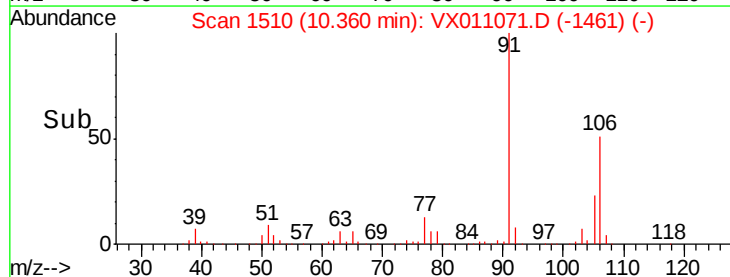
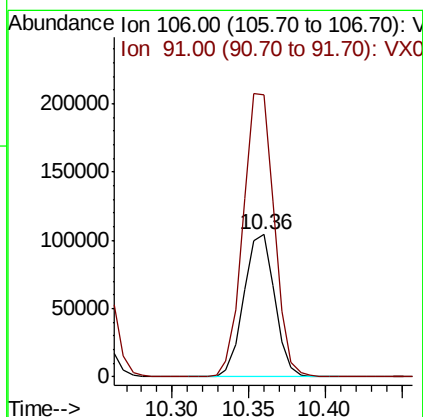
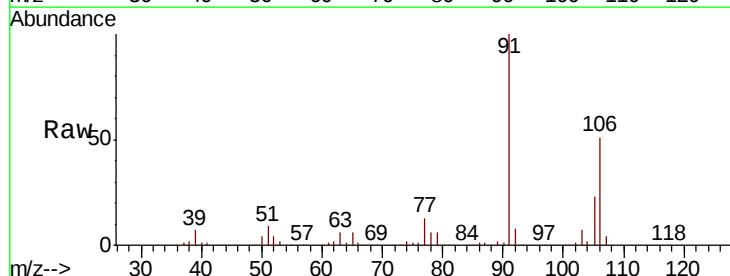
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS02

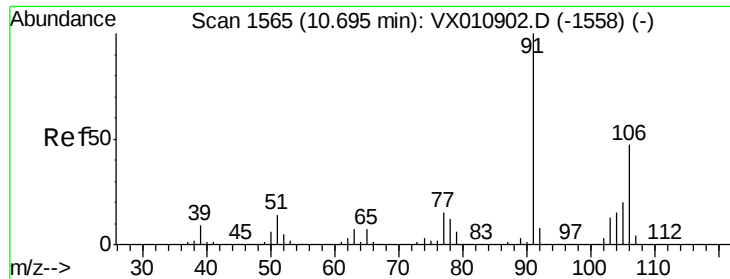
Tot Ion: 91 Resp: 189150
Ion Ratio Lower Upper
91 100
106 32.9 25.4 38.2



#68
m/p-Xylenes
Concen: 38.540 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion: 106 Resp: 146315
Ion Ratio Lower Upper
106 100
91 199.6 160.1 240.1

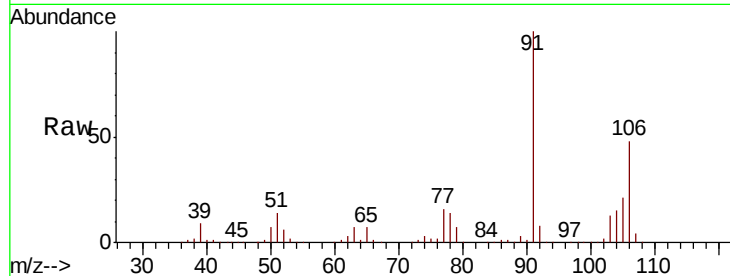




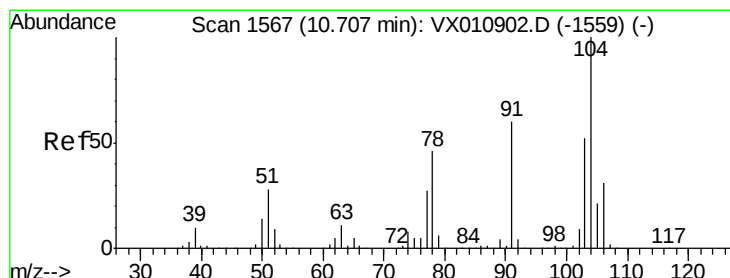
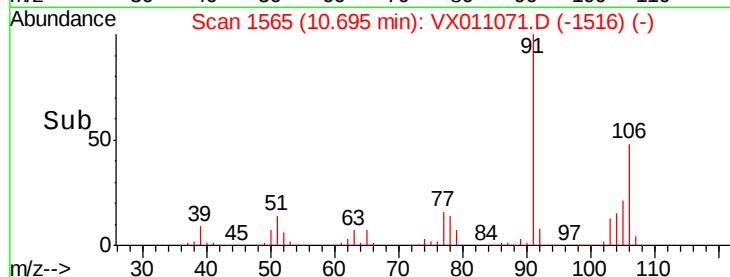
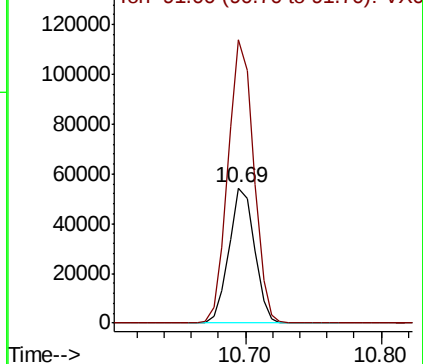
#69
o-Xylene
Concen: 19.249 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS02

Tot Ion:106 Resp: 71322
Ion Ratio Lower Upper
106 100
91 210.6 105.1 315.3

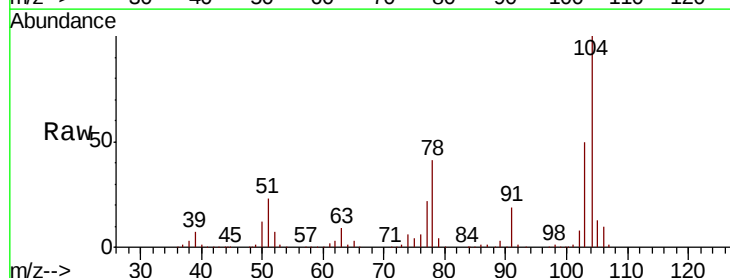


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

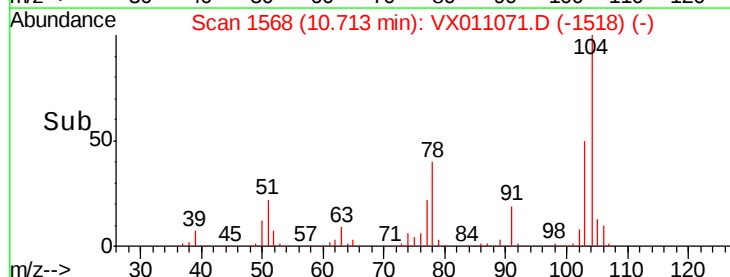
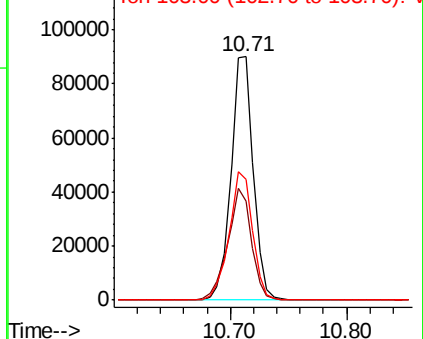


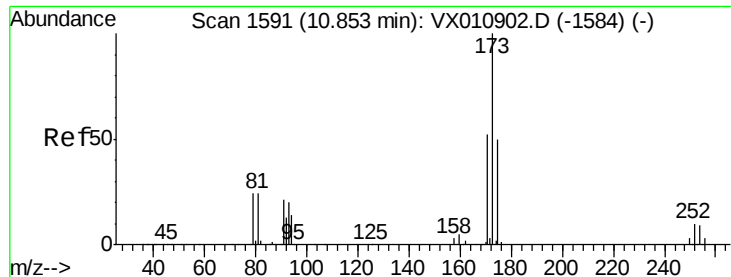
#70
Styrene
Concen: 19.513 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion:104 Resp: 120523
Ion Ratio Lower Upper
104 100
78 48.7 38.8 58.2
103 55.5 44.2 66.4



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





#71

Bromoform

Concen: 17.748 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS02

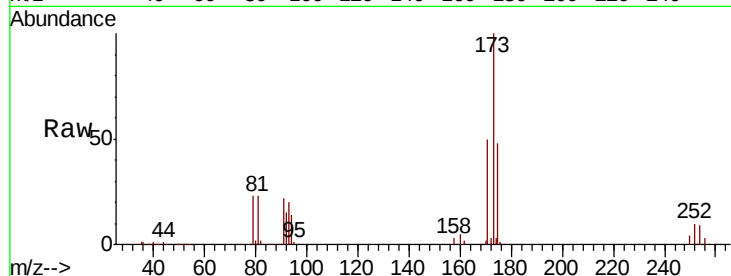
Tot Ion:173 Resp: 29799

Ion Ratio Lower Upper

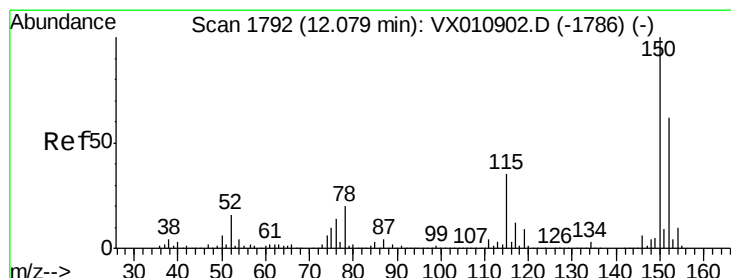
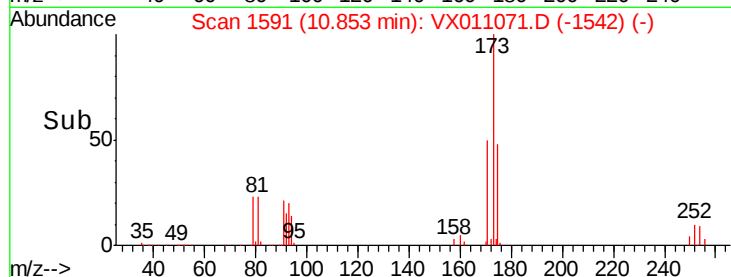
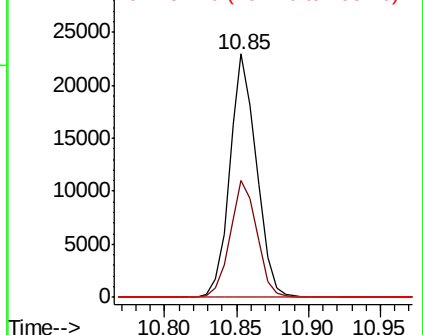
173 100

175 48.3 24.6 73.6

254 0.0 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. -0.01 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

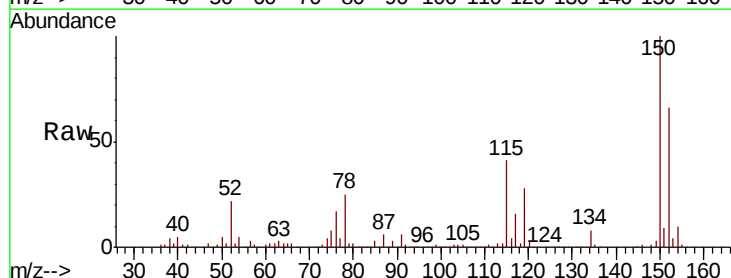
Tgt Ion:152 Resp: 148629

Ion Ratio Lower Upper

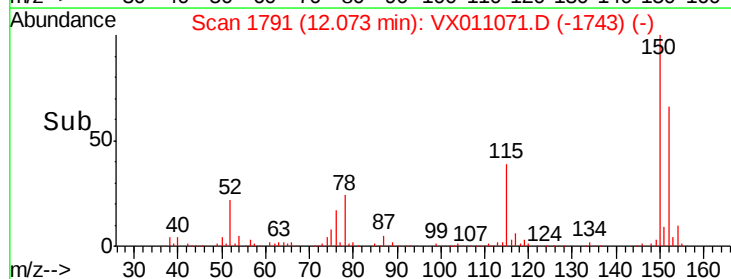
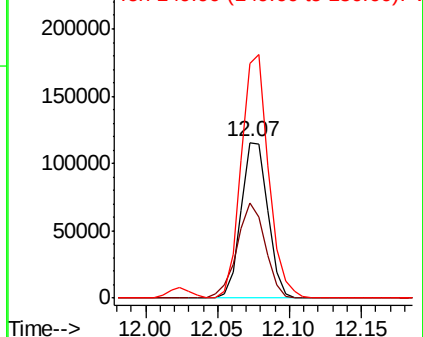
152 100

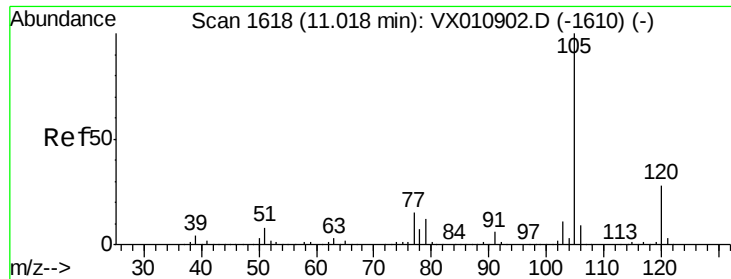
115 65.1 39.7 119.1

150 159.9 0.0 345.6



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: 19.293 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

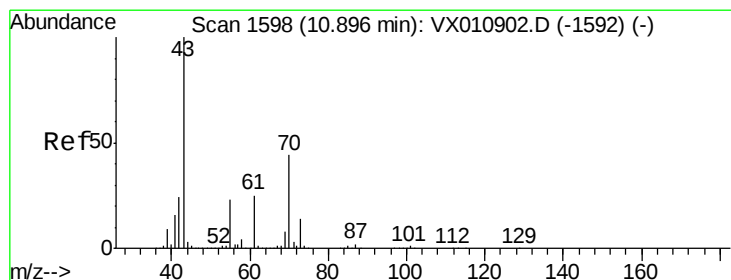
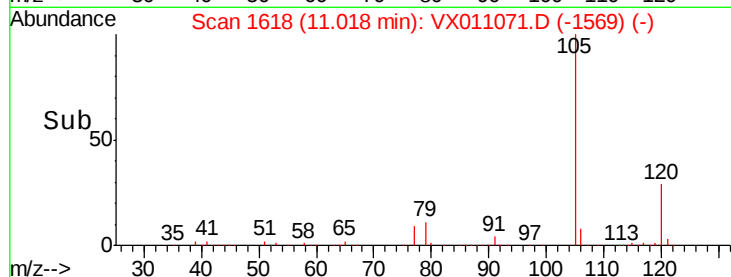
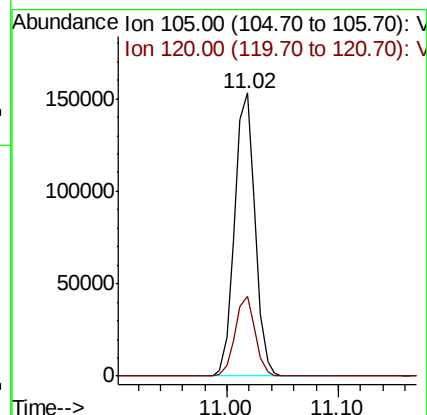
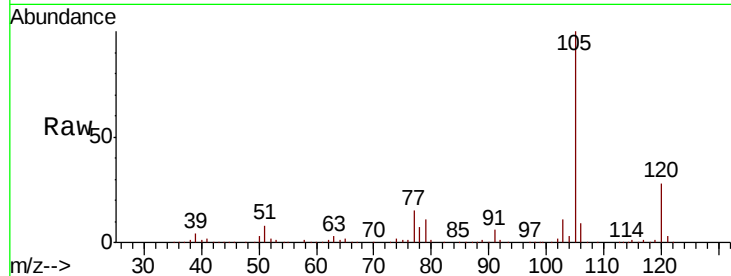
VX0725WBS02

Tot Ion:105 Resp: 193754

Ion Ratio Lower Upper

105 100

120 27.6 13.7 41.1



#74

N-ethyl acetate

Concen: 19.206 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Tgt Ion: 43 Resp: 73700

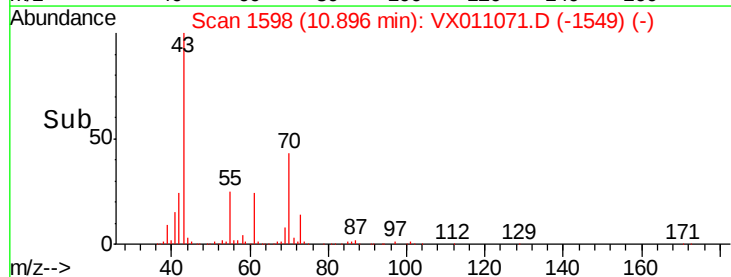
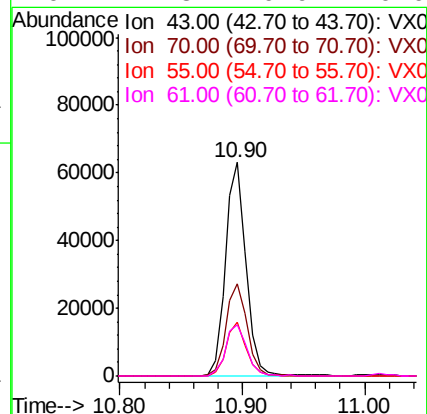
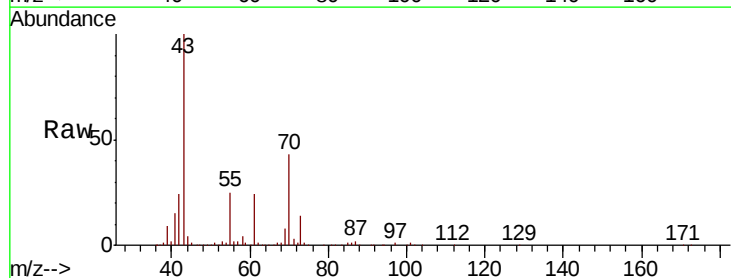
Ion Ratio Lower Upper

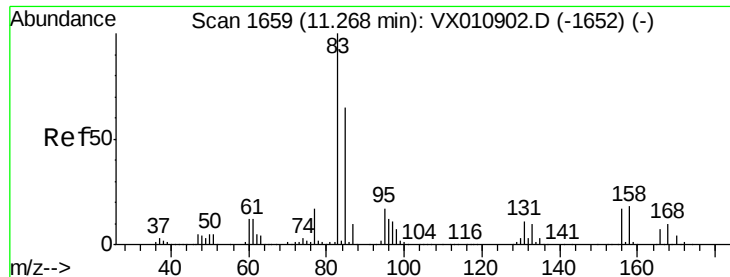
43 100

70 44.2 34.7 52.1

55 24.9 19.1 28.7

61 24.8 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.391 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS02

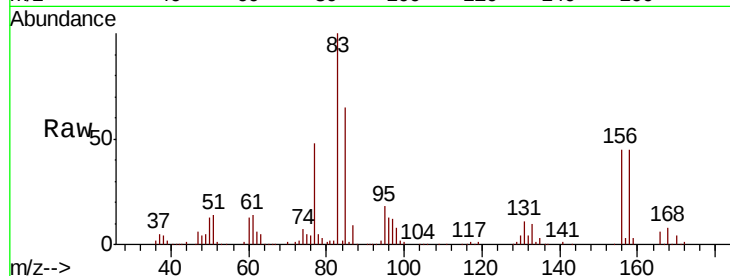
Tot Ion: 83 Resp: 63731

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.4

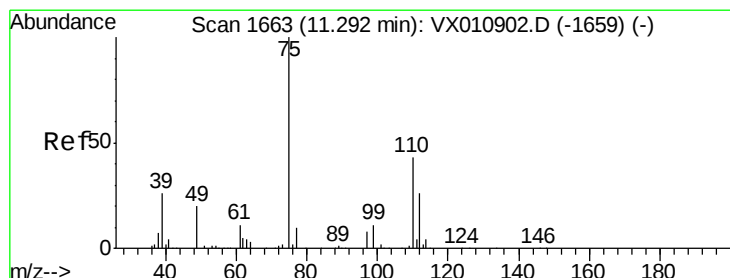
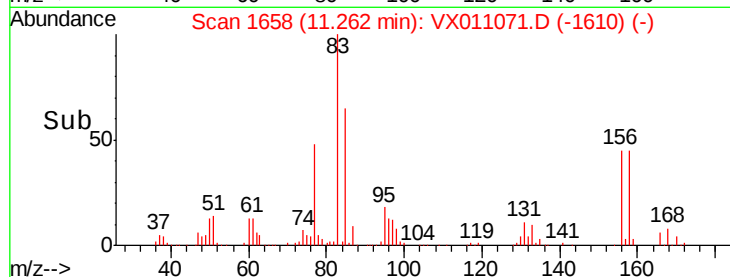
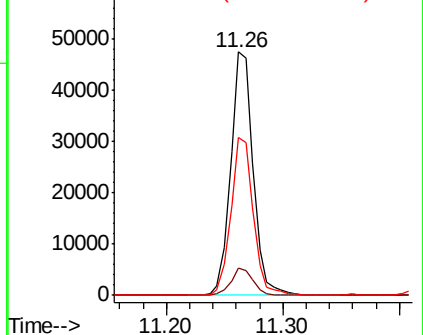
85 64.6 32.3 96.9



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: 25.051 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011071.D

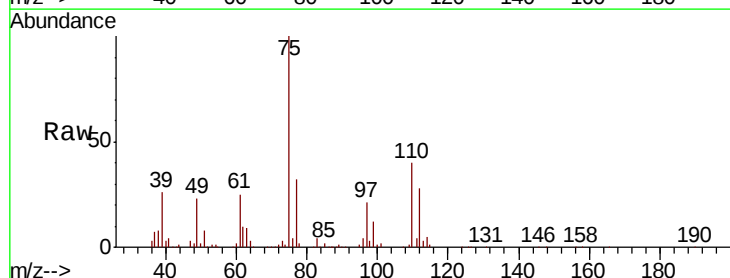
Acq: 25 Jul 2019 12:32

Tgt Ion: 75 Resp: 67189

Ion Ratio Lower Upper

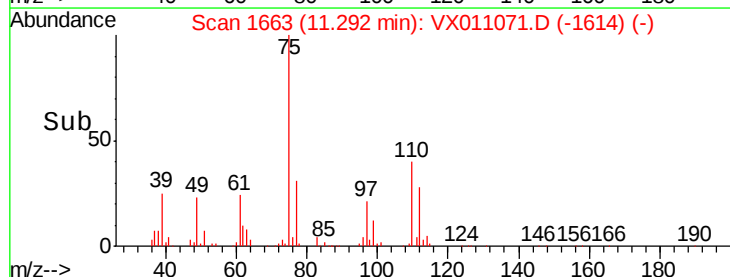
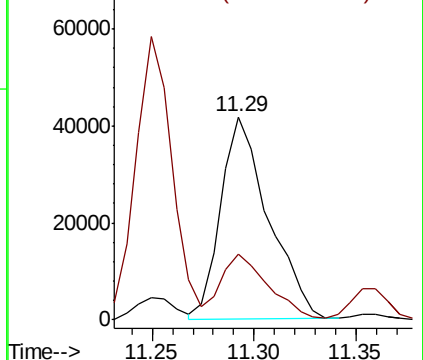
75 100

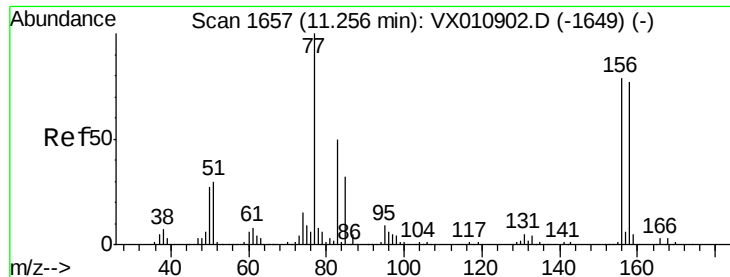
77 32.7 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.709 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS02

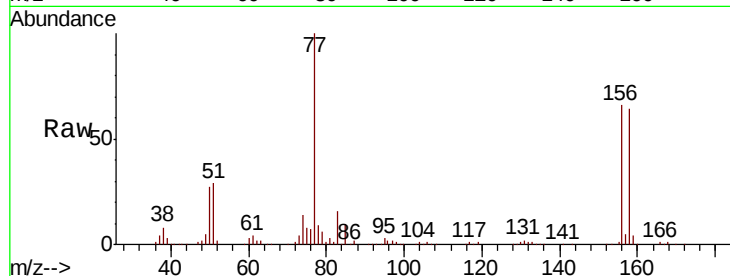
Tot Ion:156 Resp: 51828

Ion Ratio Lower Upper

156 100

77 140.1 68.7 206.1

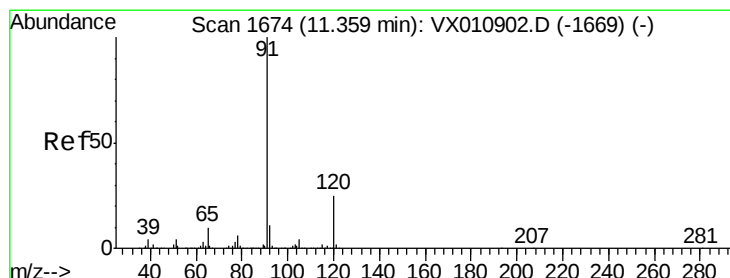
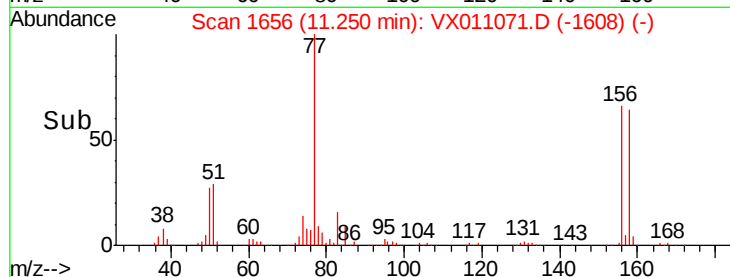
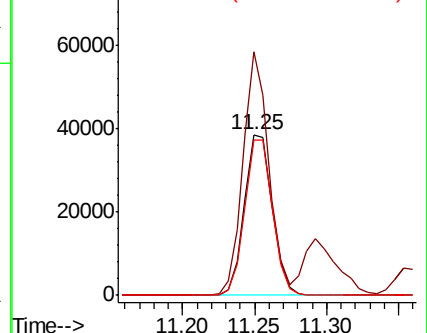
158 96.4 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.485 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011071.D

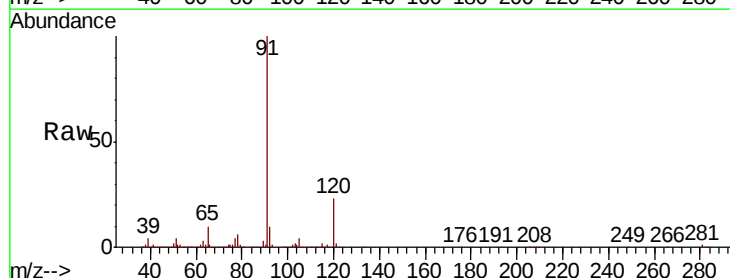
Acq: 25 Jul 2019 12:32

Tgt Ion: 91 Resp: 216221

Ion Ratio Lower Upper

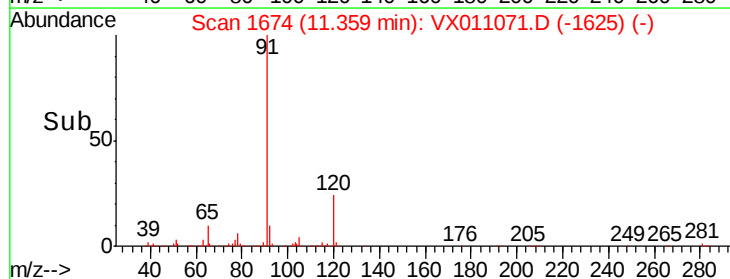
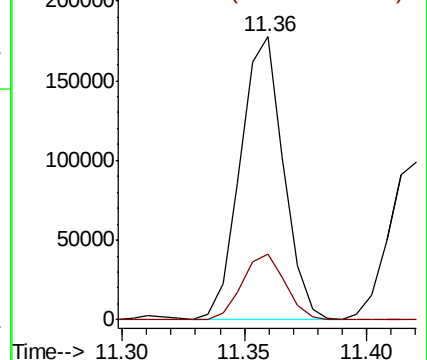
91 100

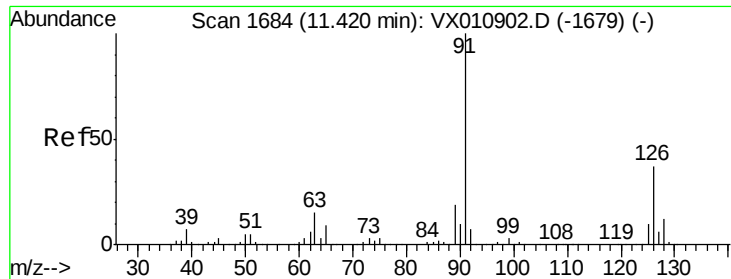
120 23.6 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.900 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

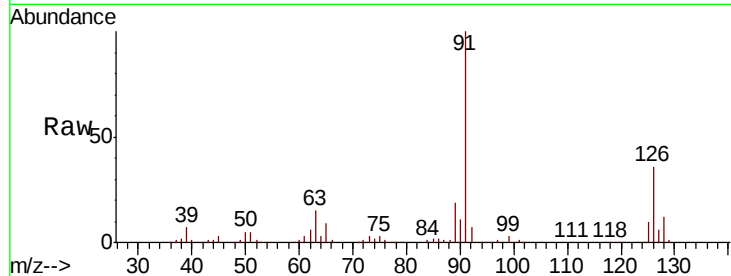
VX0725WBS02

Tot Ion: 91 Resp: 125985

Ion Ratio Lower Upper

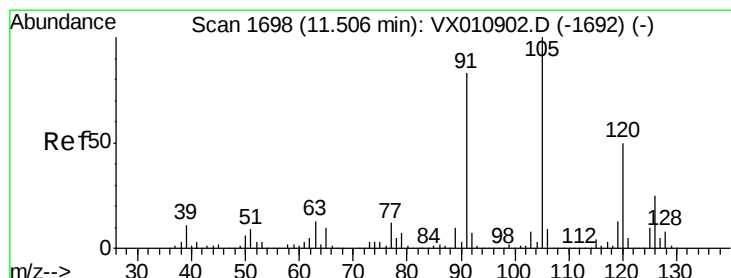
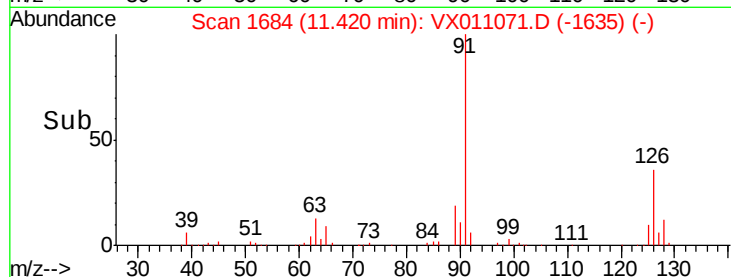
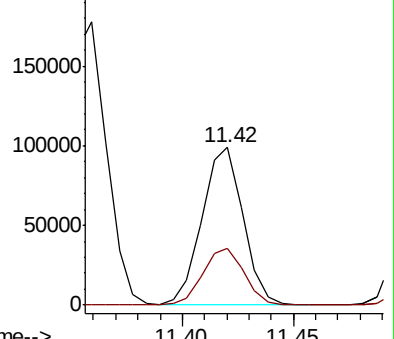
91 100

126 36.7 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.118 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011071.D

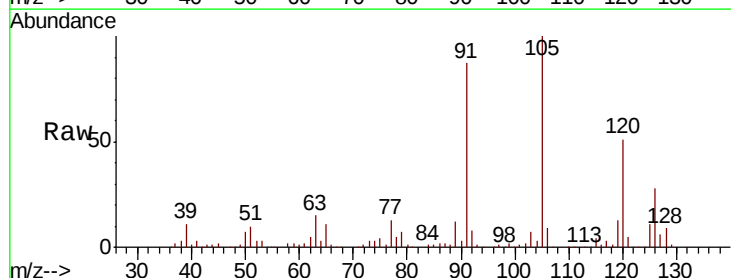
Acq: 25 Jul 2019 12:32

Tgt Ion:105 Resp: 160436

Ion Ratio Lower Upper

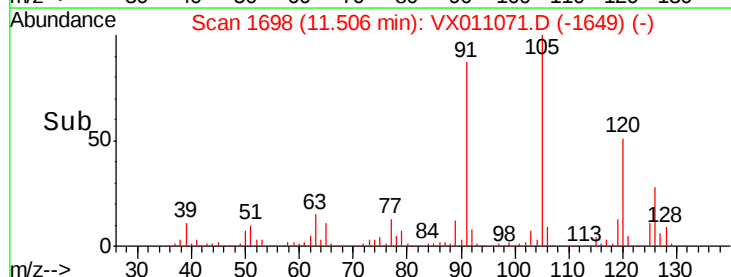
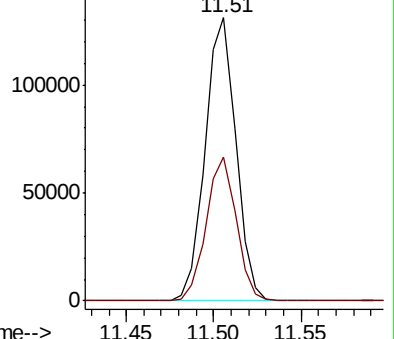
105 100

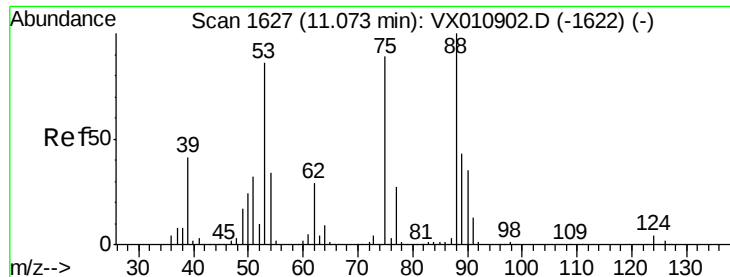
120 49.8 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

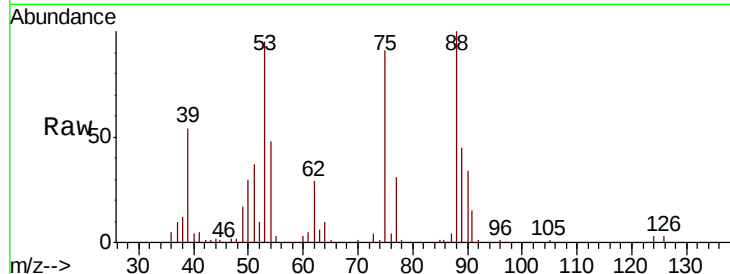




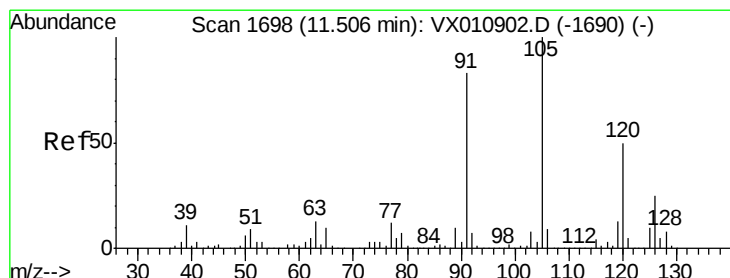
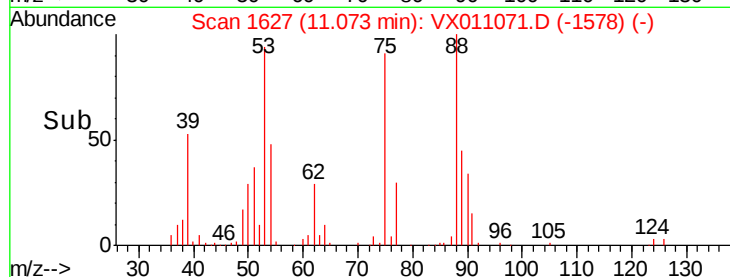
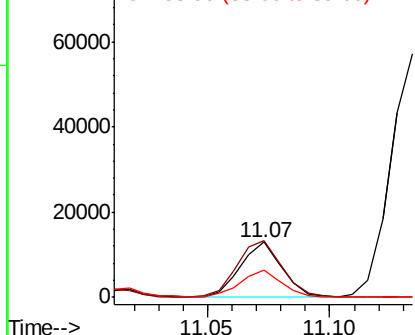
#81
trans-1,4-Dichloro-2-butene
Concen: 17.407 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS02

Tot Ion: 75 Resp: 15444
Ion Ratio Lower Upper
75 100
53 111.6 76.7 115.1
89 48.9 38.5 57.7

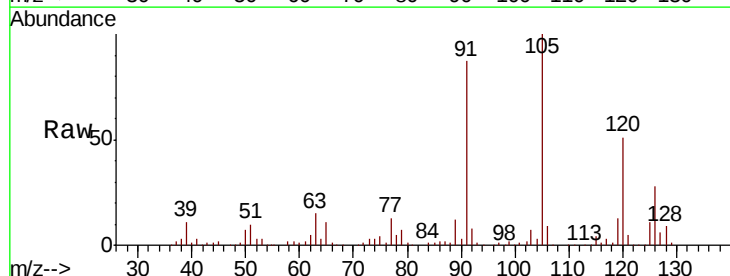


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

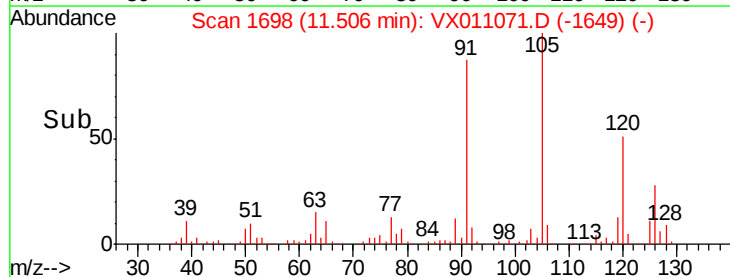
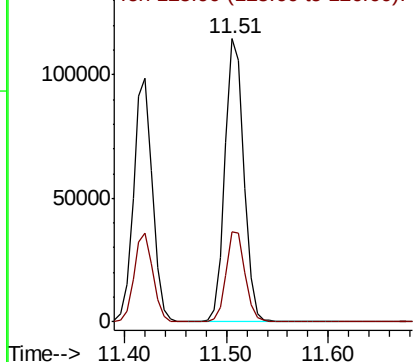


#82
4-Chlorotoluene
Concen: 19.000 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion: 91 Resp: 147411
Ion Ratio Lower Upper
91 100
126 31.9 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

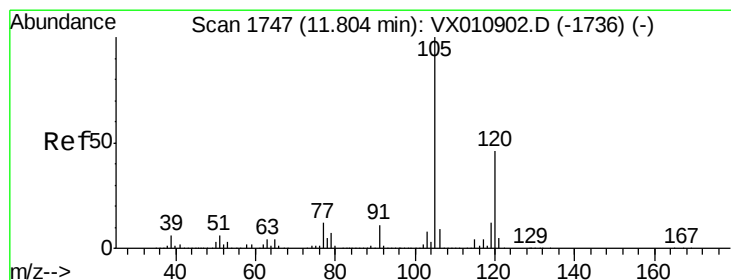
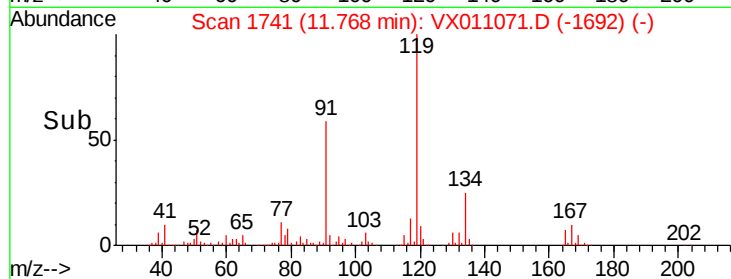
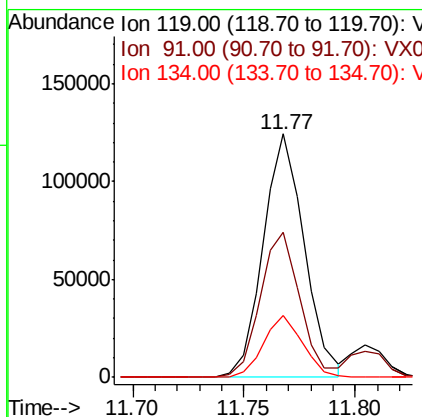
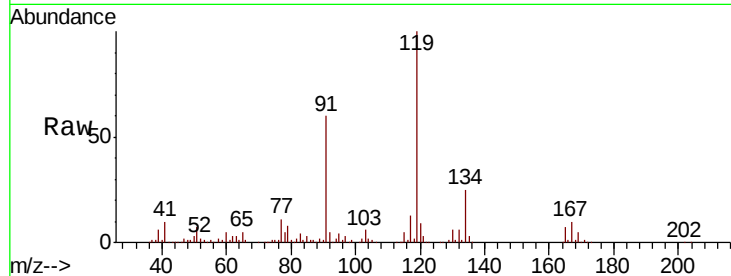




#83
 tert-Butylbenzene
 Concen: 19.323 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

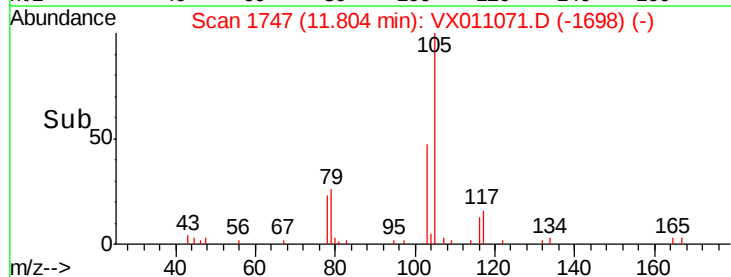
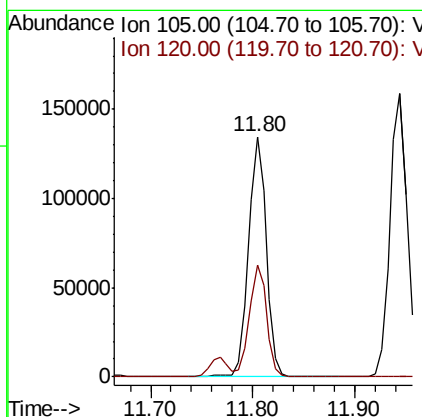
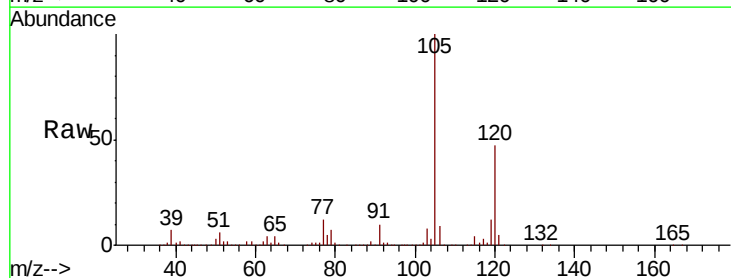
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS02

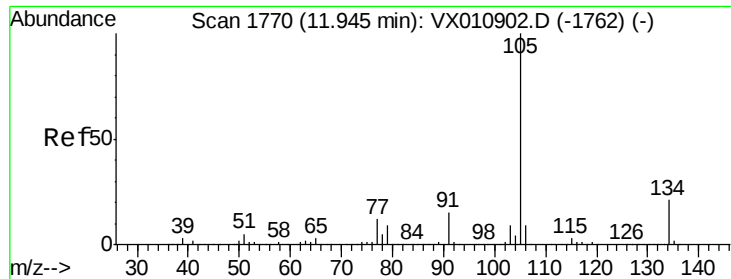
Tot Ion:119 Resp: 159276
 Ion Ratio Lower Upper
 119 100
 91 58.0 28.6 85.8
 134 24.2 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.340 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

Tgt Ion:105 Resp: 163577
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 19.521 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

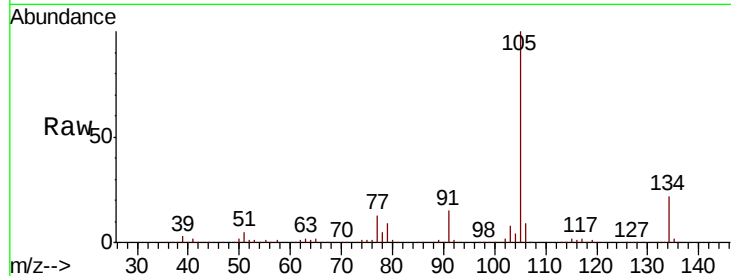
VX0725WBS02

Tot Ion:105 Resp: 188541

Ion Ratio Lower Upper

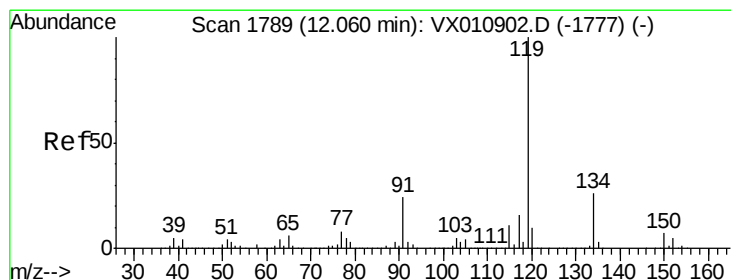
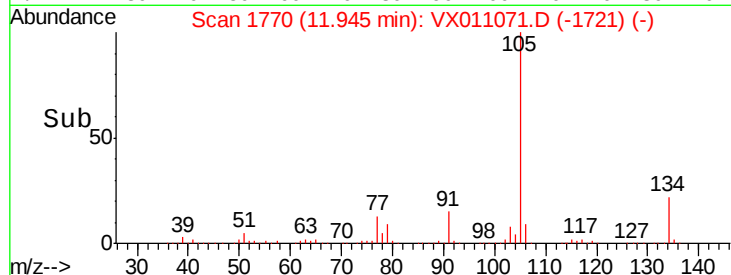
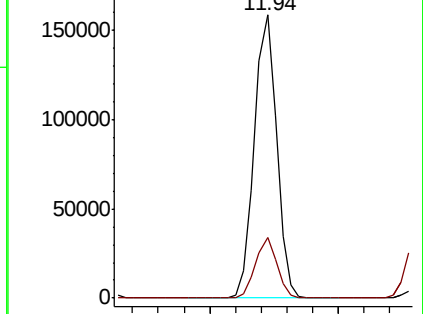
105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.235 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

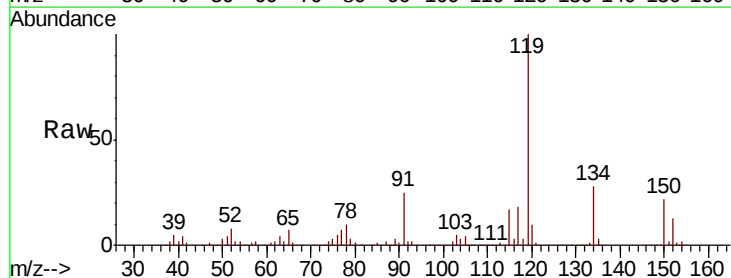
Tgt Ion:119 Resp: 171758

Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.1

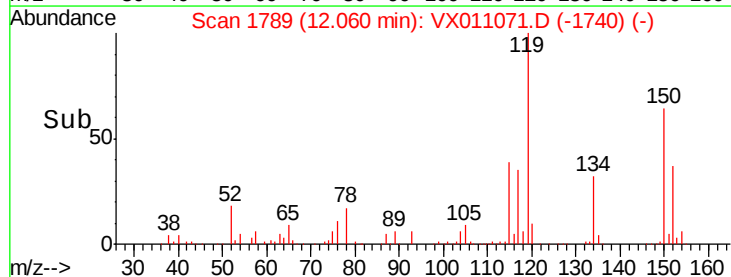
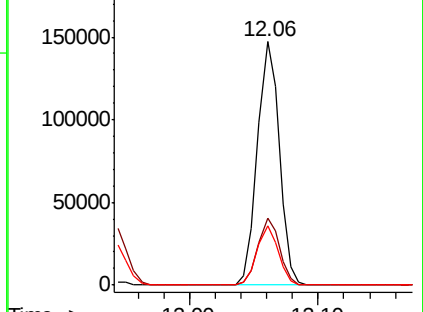
91 24.1 11.8 35.4

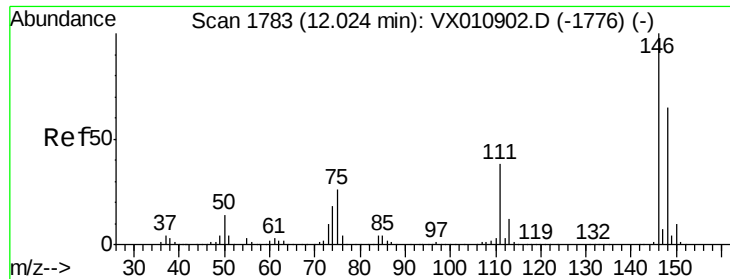


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

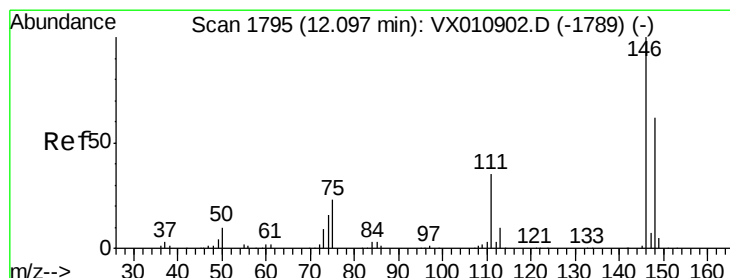
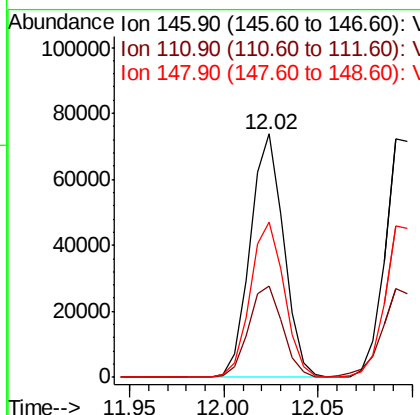
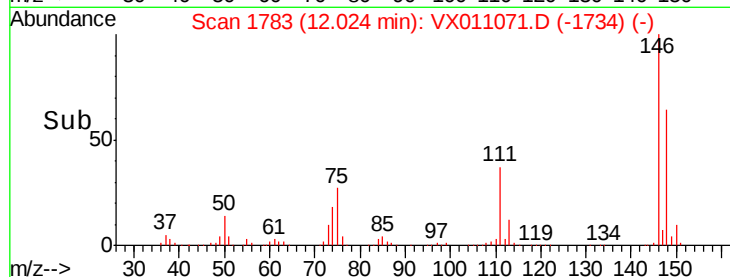
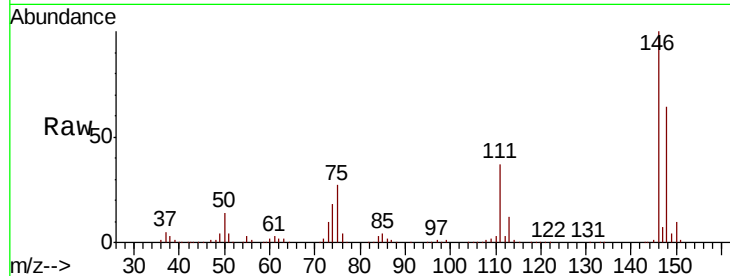




#87
 1,3-Dichlorobenzene
 Concen: 18.918 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

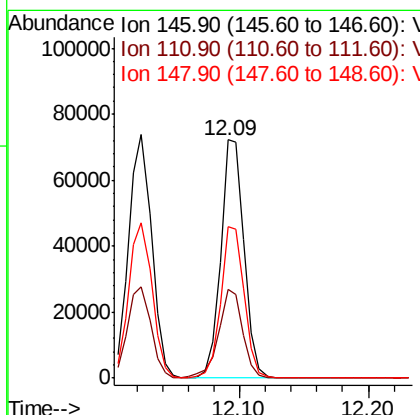
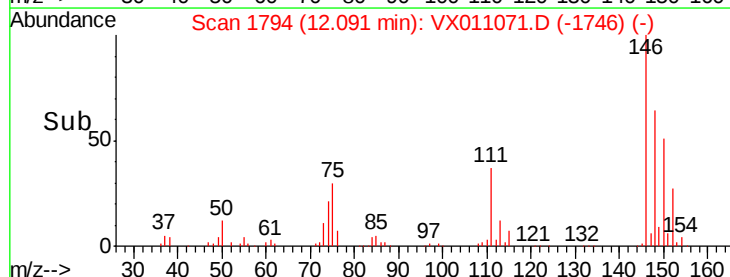
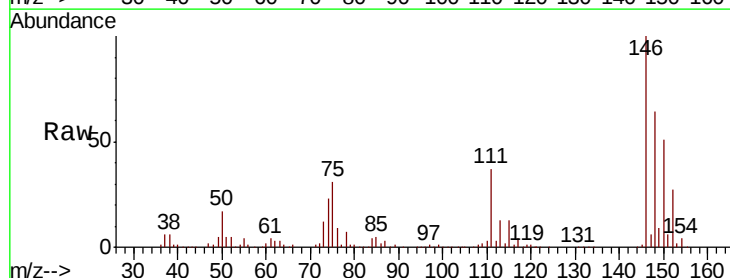
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS02

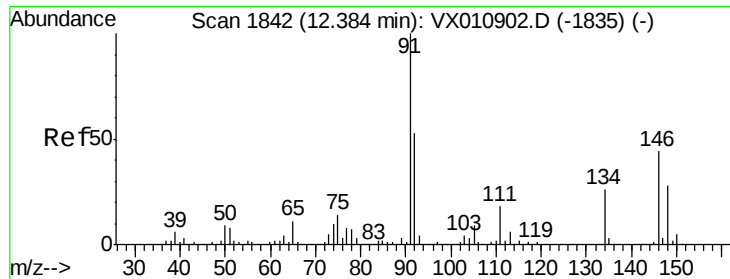
Tot Ion:146 Resp: 90945
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.9
 148 64.7 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 18.675 ug/l
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

Tgt Ion:146 Resp: 92077
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.6 55.8
 148 63.6 31.6 94.7

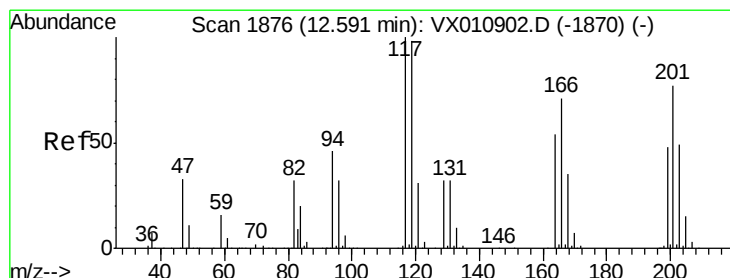
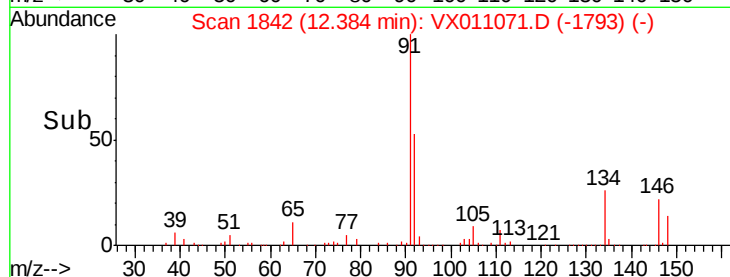
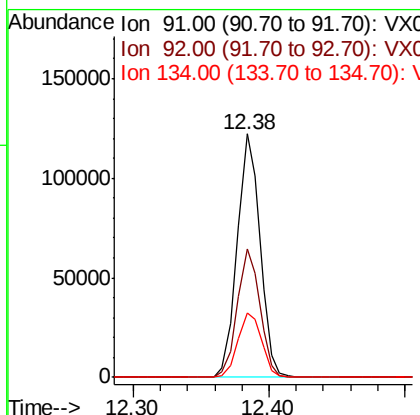
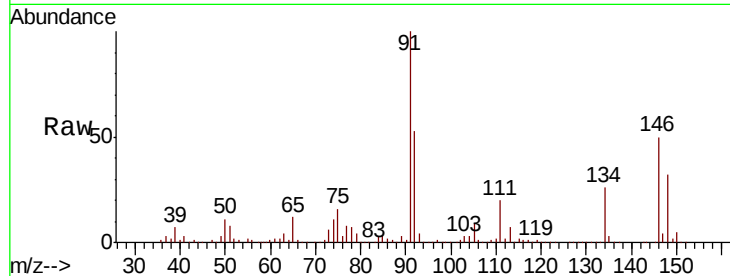




#89
n-Butylbenzene
Concen: 18.731 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

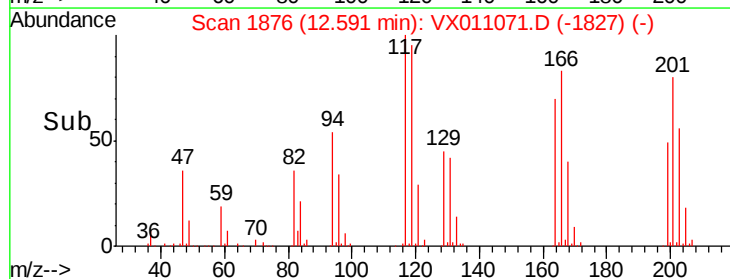
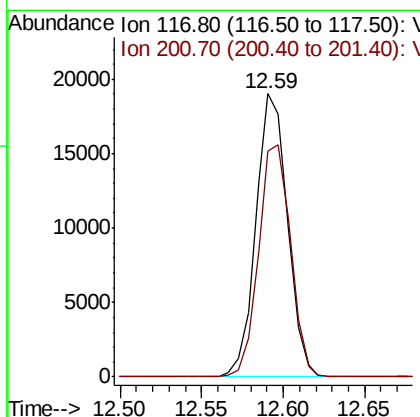
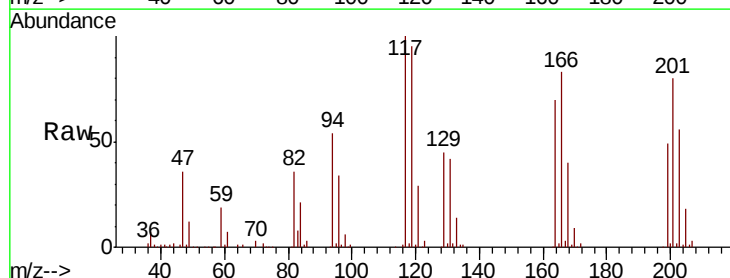
Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS02

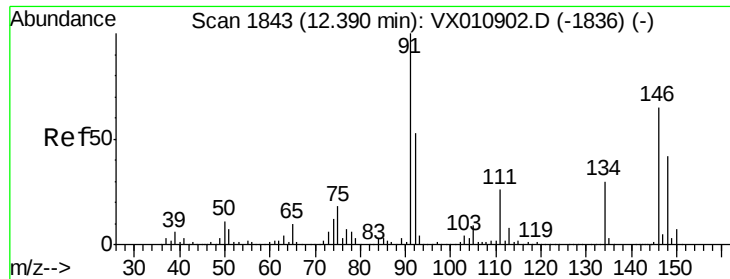
Tot Ion: 91 Resp: 143093
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 27.5 13.8 41.3



#90
Hexachloroethane
Concen: 18.156 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion: 117 Resp: 25571
Ion Ratio Lower Upper
117 100
201 83.0 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 19.626 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

VX0725WBS02

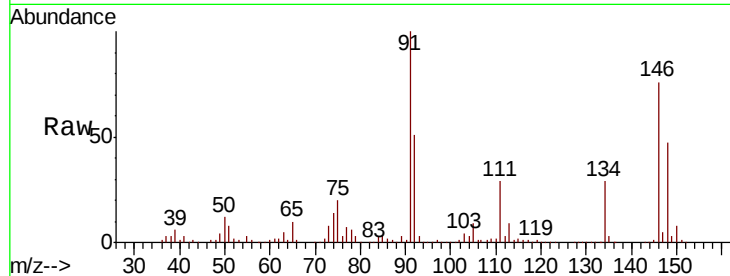
Tot Ion:146 Resp: 93506

Ion Ratio Lower Upper

146 100

111 38.3 19.9 59.7

148 63.7 32.0 96.2

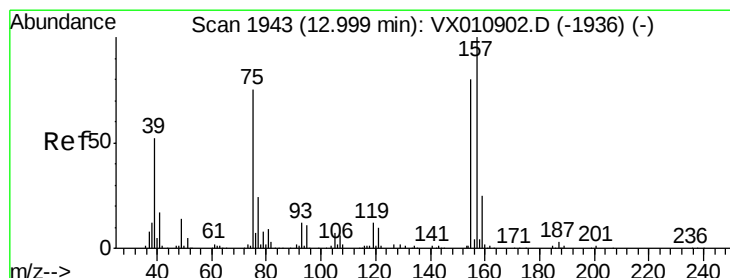
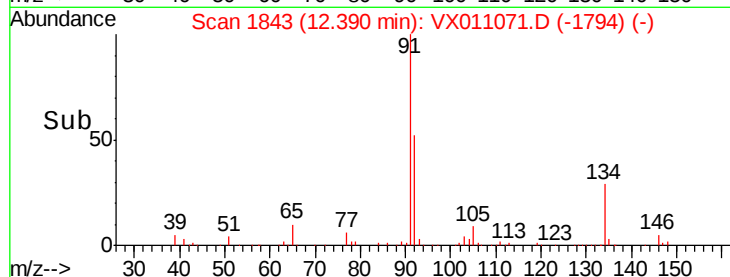
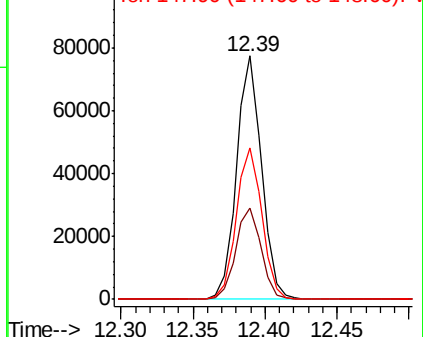


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.863 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011071.D

Acq: 25 Jul 2019 12:32

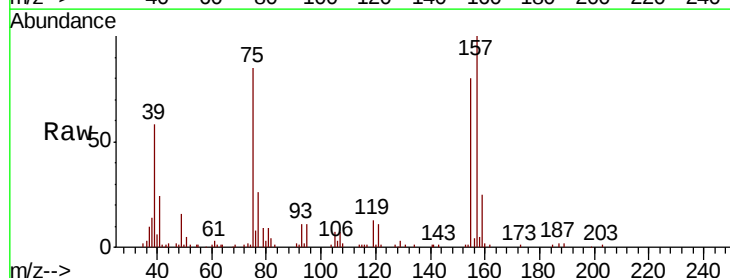
Tgt Ion: 75 Resp: 13646

Ion Ratio Lower Upper

75 100

155 90.6 48.7 146.1

157 116.0 62.5 187.6

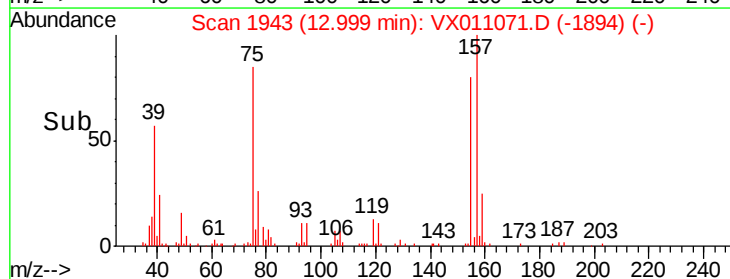
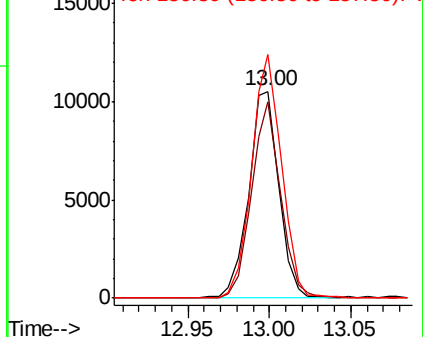


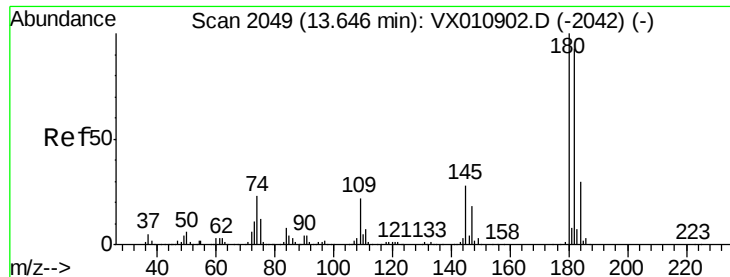
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

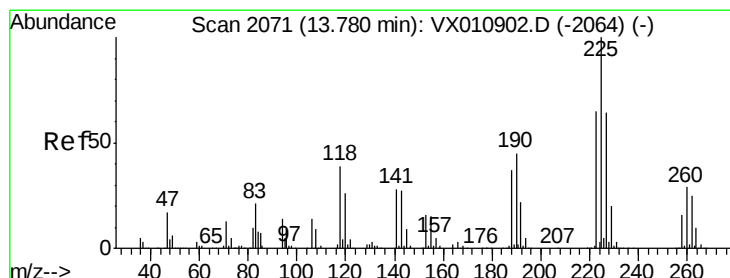
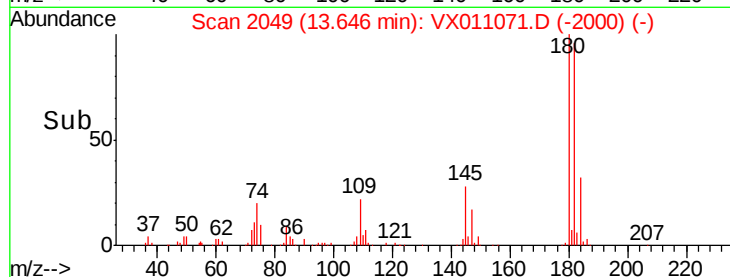
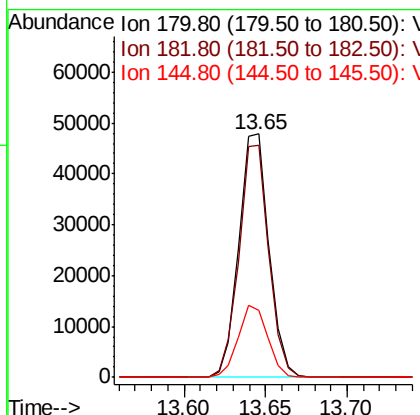
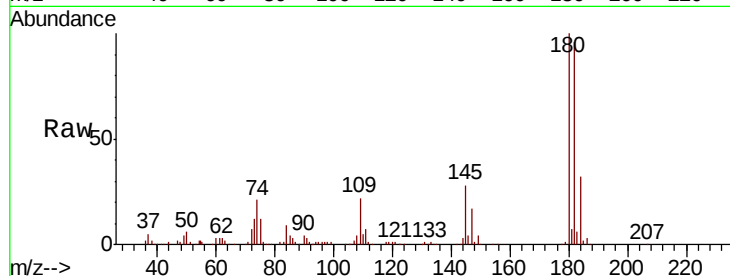




#93
 1,2,4-Trichlorobenzene
 Concen: 19.041 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

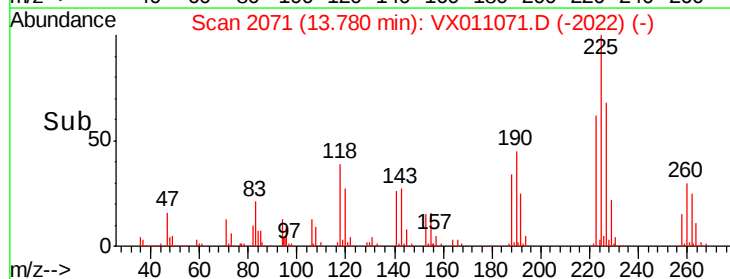
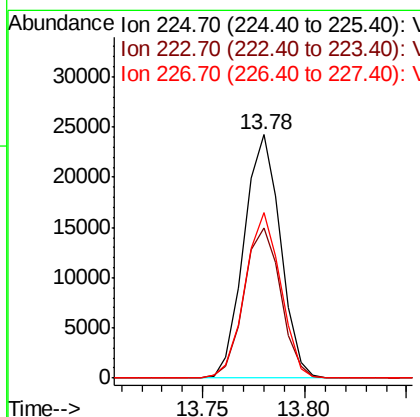
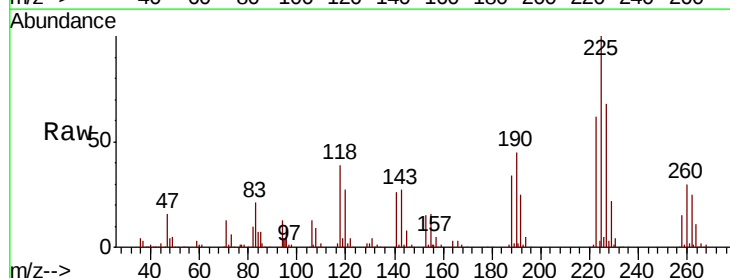
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS02

Tot Ion:180 Resp: 61482
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.1 141.3
 145 29.2 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 18.833 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011071.D
 Acq: 25 Jul 2019 12:32

Tgt Ion:225 Resp: 30134
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.9 95.9
 227 66.3 32.5 97.4

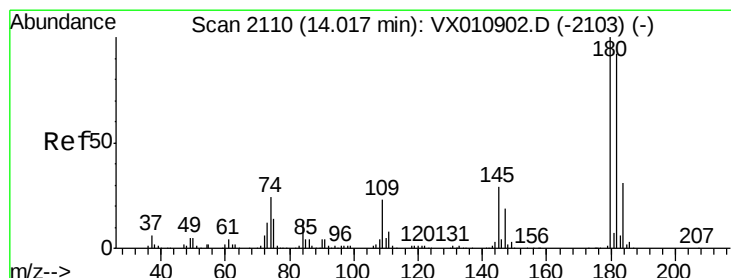
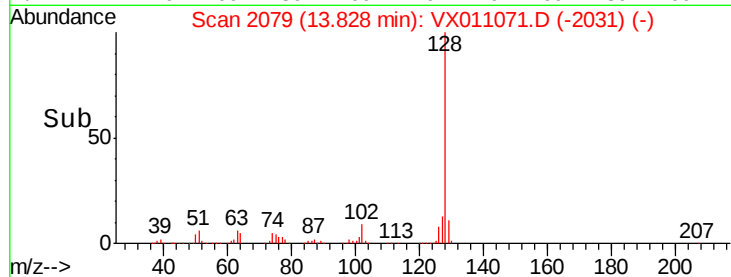
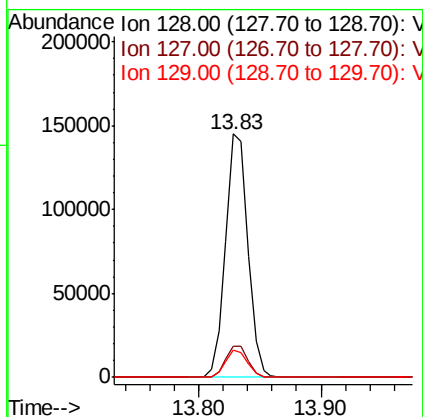
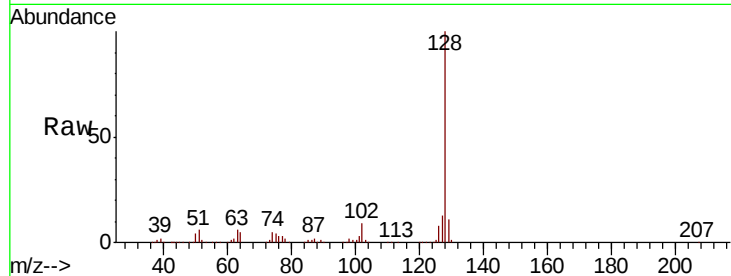




#95
Naphthalene
Concen: 19.212 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.639 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011071.D
Acq: 25 Jul 2019 12:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	47.4	142.3
145	30.6	15.1	45.3

