

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011087.D
 Acq On : 26 Jul 2019 13:52
 Operator : JC/SP
 Sample : VX0726WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Quant Time: Jul 27 02:02:04 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	200033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296897	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142515	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105511	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	5.50	113	94046	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.71	98	346304	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.13	95	128420	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38086	18.207	ug/l	100
3) Chloromethane	1.33	50	33632	18.283	ug/l	100
4) Vinyl Chloride	1.41	62	35431	18.884	ug/l	98
5) Bromomethane	1.64	94	21541	20.373	ug/l	98
6) Chloroethane	1.72	64	23935	20.074	ug/l	98
7) Trichlorofluoromethane	1.93	101	61892	19.487	ug/l	98
8) Diethyl Ether	2.19	74	20661	18.881	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	34154	18.834	ug/l	99
10) Methyl Iodide	2.51	142	37238	15.648	ug/l	99
11) Tert butyl alcohol	3.04	59	48679	98.222	ug/l	100
12) 1,1-Dichloroethene	2.37	96	34117	19.148	ug/l	98
13) Acrolein	2.29	56	17733	61.930	ug/l	100
14) Allyl chloride	2.73	41	47708	18.434	ug/l	99
15) Acrylonitrile	3.14	53	96325	96.185	ug/l	99
16) Acetone	2.44	43	88554	92.135	ug/l	95
17) Carbon Disulfide	2.57	76	71343	15.610	ug/l	98
18) Methyl Acetate	2.78	43	45056	20.587	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	111477	19.435	ug/l	95
20) Methylene Chloride	2.85	84	38232	18.770	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	35094	18.563	ug/l	96
22) Diisopropyl ether	3.86	45	106043	19.428	ug/l	91
23) Vinyl Acetate	3.82	43	442114	95.595	ug/l	100
24) 1,1-Dichloroethane	3.70	63	60306	19.024	ug/l	99
25) 2-Butanone	4.67	43	131430	95.261	ug/l	99
26) 2,2-Dichloropropane	4.58	77	48488	18.629	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	40856	18.673	ug/l	99
28) Bromochloromethane	5.02	49	26748	17.906	ug/l	98
29) Tetrahydrofuran	5.13	42	83652	95.717	ug/l	100
30) Chloroform	5.21	83	65783	19.199	ug/l	97
31) Cyclohexane	5.58	56	52511	18.174	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	56101	18.925	ug/l	98
36) 1,1-Dichloropropene	5.80	75	45983	18.855	ug/l	99
37) Ethyl Acetate	4.83	43	47278	18.932	ug/l	96
38) Carbon Tetrachloride	5.79	117	48616	19.131	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011087.D
 Acq On : 26 Jul 2019 13:52
 Operator : JC/SP
 Sample : VX0726WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Quant Time: Jul 27 02:02:04 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)
39) Methylcyclohexane	7.46	83	56126	17.747	ug/l	99
40) Benzene	6.14	78	145323	19.453	ug/l	99
41) Methacrylonitrile	5.04	41	26270	18.531	ug/l	98
42) 1,2-Dichloroethane	6.19	62	50239	19.342	ug/l	97
43) Isopropyl Acetate	6.45	43	79202	19.289	ug/l	99
44) Trichloroethene	7.21	130	41182	18.624	ug/l	88
45) 1,2-Dichloropropane	7.51	63	35907	18.885	ug/l	98
46) Dibromomethane	7.66	93	26155	19.251	ug/l	99
47) Bromodichloromethane	7.90	83	46783	19.344	ug/l	100
48) Methyl methacrylate	7.77	41	38374	19.184	ug/l	98
49) 1,4-Dioxane	7.74	88	22620	404.265	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	261513	98.248	ug/l	100
52) Toluene	8.78	92	94190	19.193	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	48991	18.839	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	54459	18.820	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	39746	19.670	ug/l	97
56) Ethyl methacrylate	9.18	69	57315	19.391	ug/l	97
57) 1,3-Dichloropropane	9.37	76	62344	19.449	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	138920	98.459	ug/l	99
59) 2-Hexanone	9.49	43	203186	98.419	ug/l	99
60) Dibromochloromethane	9.58	129	38451	18.226	ug/l	97
61) 1,2-Dibromoethane	9.67	107	41154	19.191	ug/l	99
64) Tetrachloroethene	9.34	164	40548	19.203	ug/l	95
65) Chlorobenzene	10.13	112	105002	19.046	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	38494	19.867	ug/l	99
67) Ethyl Benzene	10.25	91	183425	19.547	ug/l	99
68) m/p-Xylenes	10.36	106	140633	39.069	ug/l	99
69) o-Xylene	10.69	106	67757	19.287	ug/l	99
70) Styrene	10.71	104	115427	19.710	ug/l	100
71) Bromoform	10.85	173	28268	17.755	ug/l	100
73) Isopropylbenzene	11.02	105	183729	19.079	ug/l	99
74) N-amyl acetate	10.90	43	69615	18.920	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60710	19.265	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	63727	24.780	ug/l	85
77) Bromobenzene	11.26	156	49629	18.684	ug/l	98
78) n-propylbenzene	11.36	91	204372	19.208	ug/l	99
79) 2-Chlorotoluene	11.42	91	123396	19.306	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	156017	19.389	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15255	17.812	ug/l	92
82) 4-Chlorotoluene	11.51	91	141849	19.068	ug/l	99
83) tert-Butylbenzene	11.77	119	152153	19.251	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	156000	19.235	ug/l	100
85) sec-Butylbenzene	11.94	105	183948	19.862	ug/l	100
86) p-Isopropyltoluene	12.06	119	166528	19.450	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	90119	19.550	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	88710	18.764	ug/l	98
89) n-Butylbenzene	12.38	91	140117	19.129	ug/l	100
90) Hexachloroethane	12.59	117	24175	17.902	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	90877	19.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13207	20.049	ug/l	97

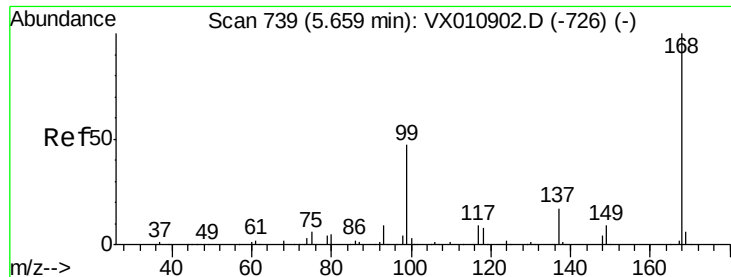
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
Data File : VX011087.D
Acq On : 26 Jul 2019 13:52
Operator : JC/SP
Sample : VX0726WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Quant Time: Jul 27 02:02:04 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	61463	19.852	ug/l	97
94) Hexachlorobutadiene	13.78	225	30400	19.814	ug/l	98
95) Naphthalene	13.83	128	192191	21.021	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	61325	19.907	ug/l	98

(#) = 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: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

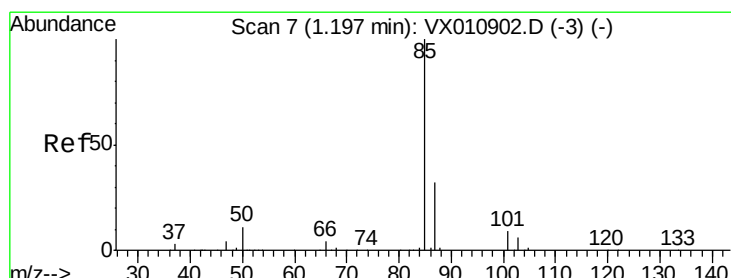
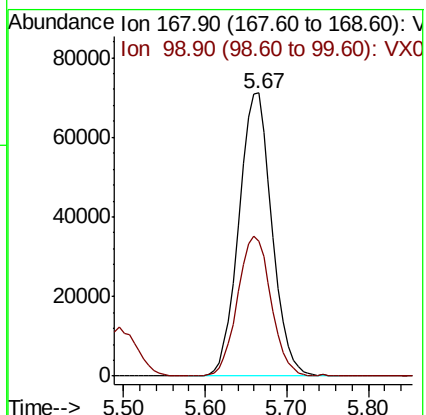
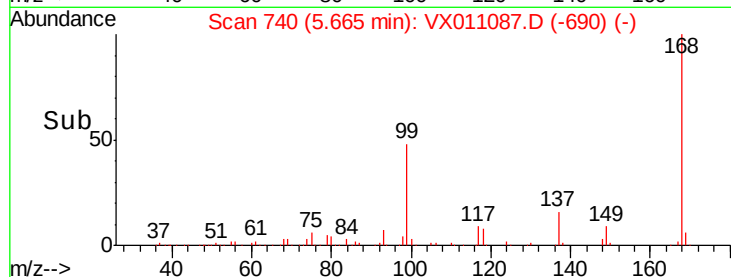
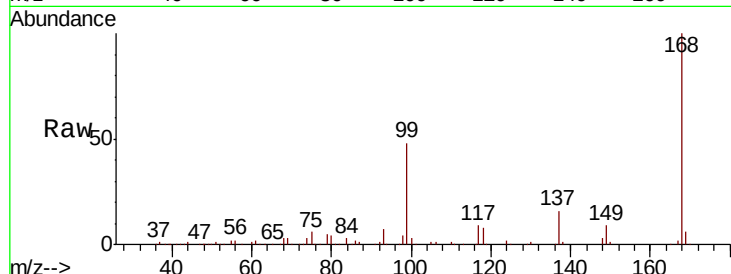
VX0726WBSD01

Tot Ion:168 Resp: 200033

Ion Ratio Lower Upper

168 100

99 47.4 37.6 56.4



#2

Dichlorodifluoromethane

Concen: 18.207 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011087.D

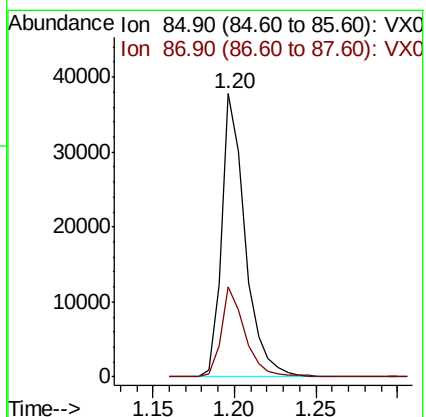
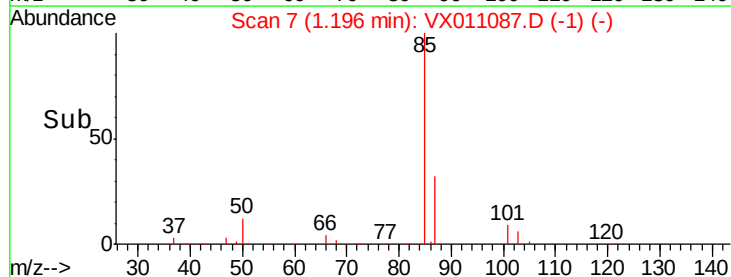
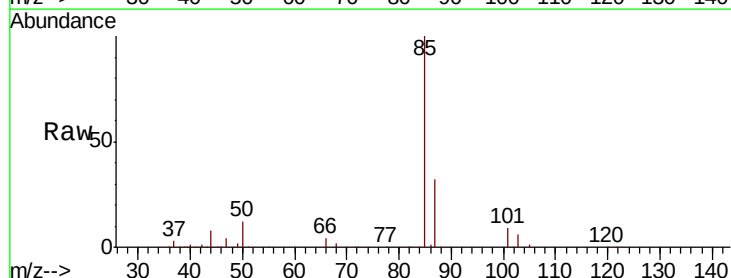
Acq: 26 Jul 2019 13:52

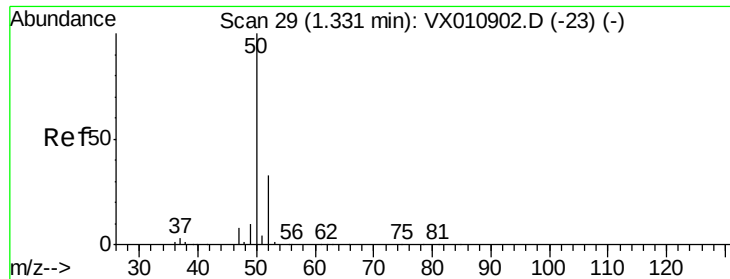
Tgt Ion: 85 Resp: 38086

Ion Ratio Lower Upper

85 100

87 31.8 15.9 47.7





#3

Chloromethane

Concen: 18.283 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

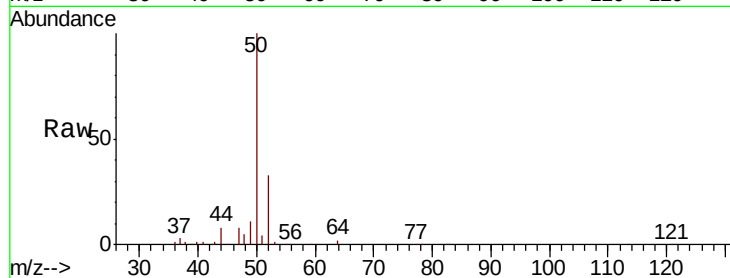
VX0726WBSD01

Tot Ion: 50 Resp: 33632

Ion Ratio Lower Upper

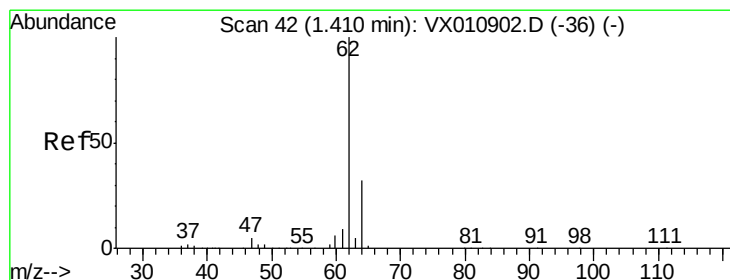
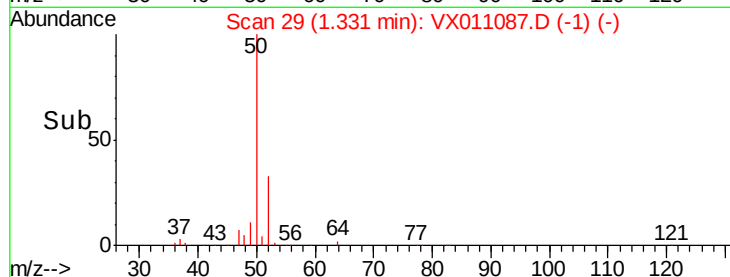
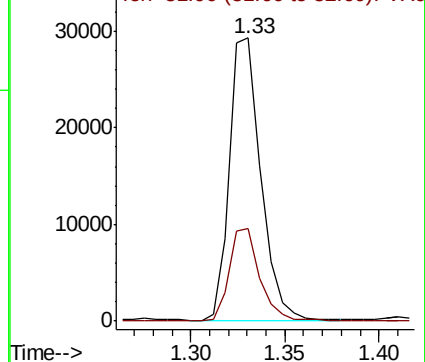
50 100

52 32.8 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: 18.884 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011087.D

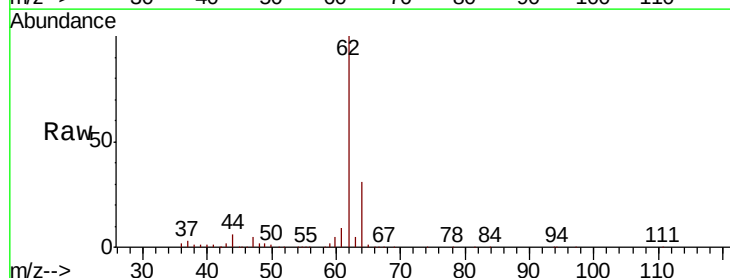
Acq: 26 Jul 2019 13:52

Tgt Ion: 62 Resp: 35431

Ion Ratio Lower Upper

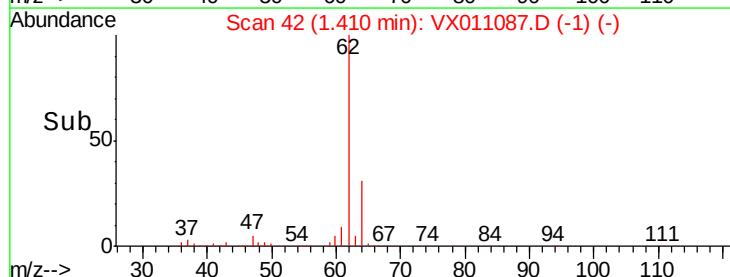
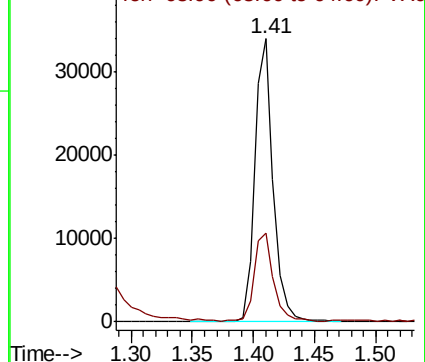
62 100

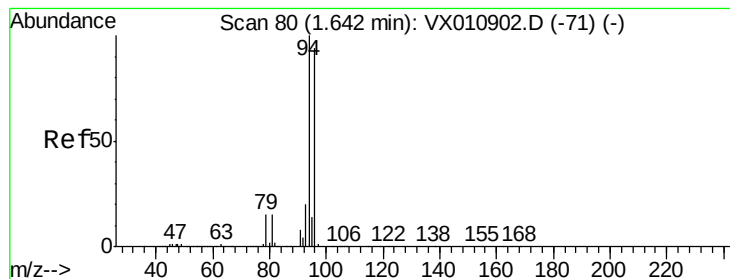
64 30.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.373 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

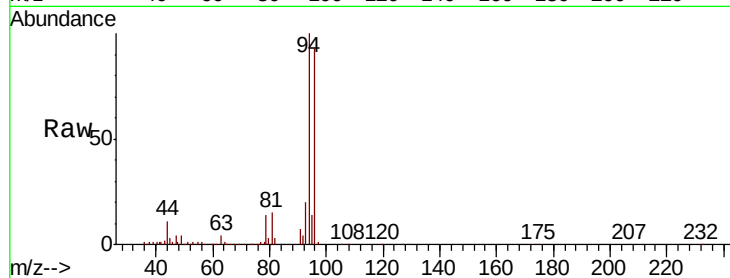
VX0726WBSD01

Tot Ion: 94 Resp: 21541

Ion Ratio Lower Upper

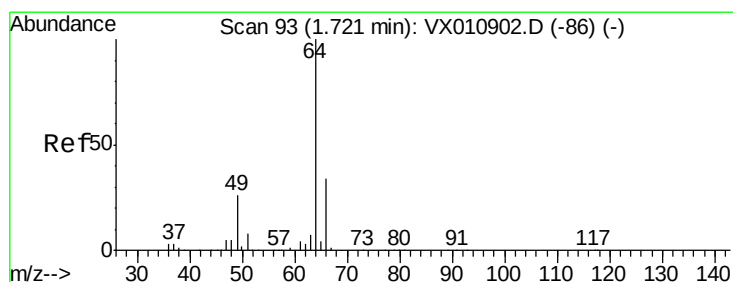
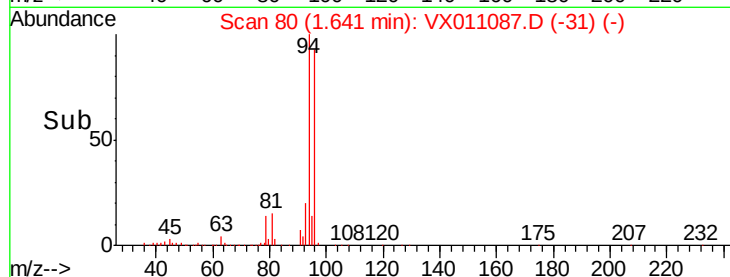
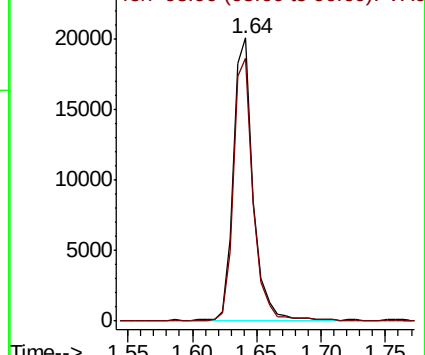
94 100

96 92.9 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: 20.074 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011087.D

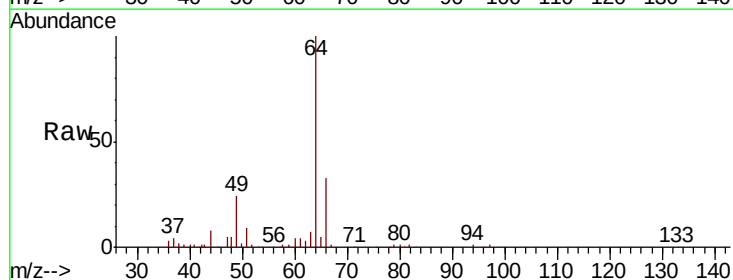
Acq: 26 Jul 2019 13:52

Tgt Ion: 64 Resp: 23935

Ion Ratio Lower Upper

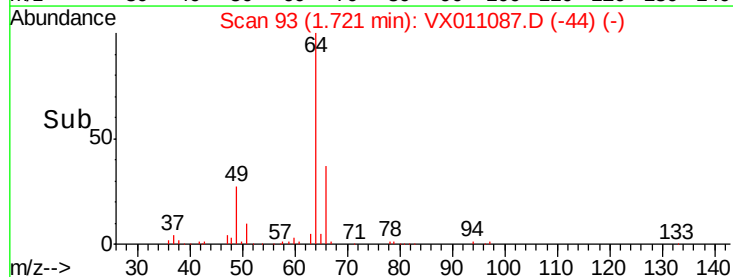
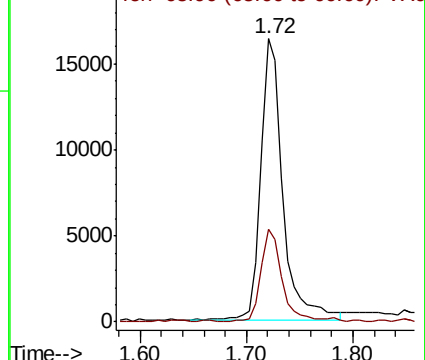
64 100

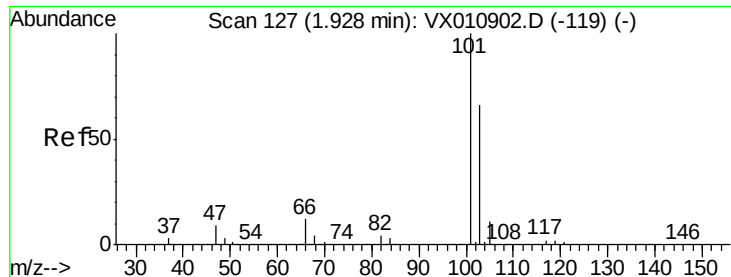
66 32.7 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



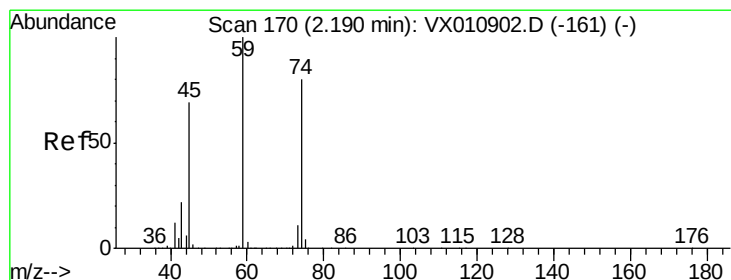
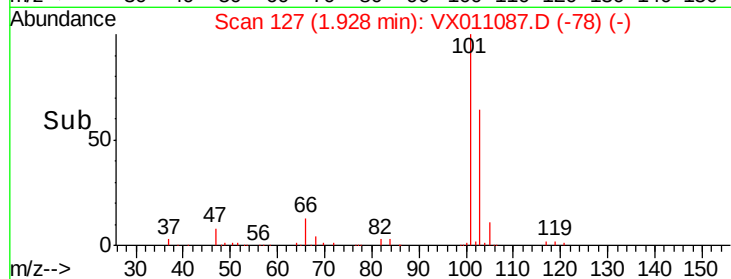
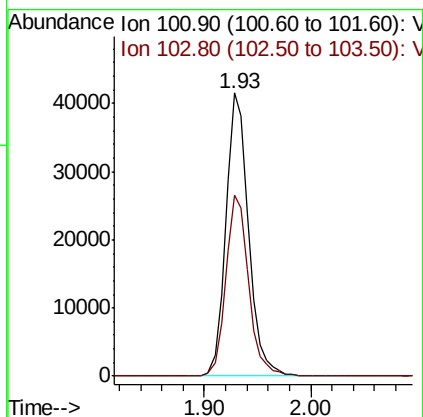
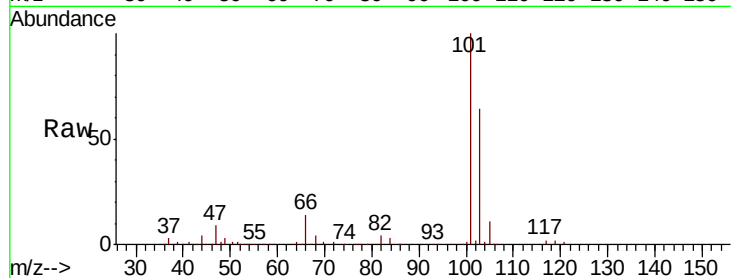


#7

Trichlorofluoromethane
Concen: 19.487 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

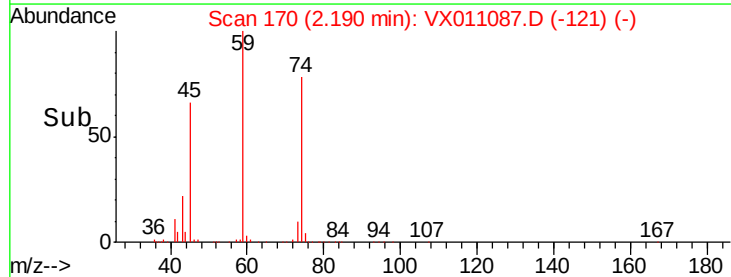
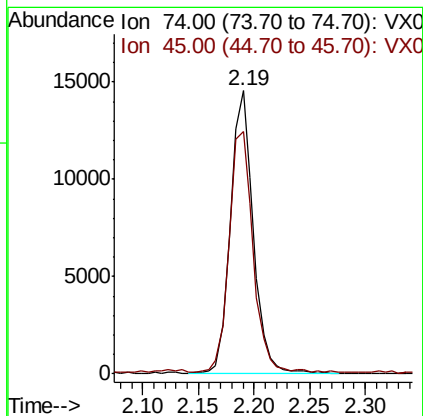
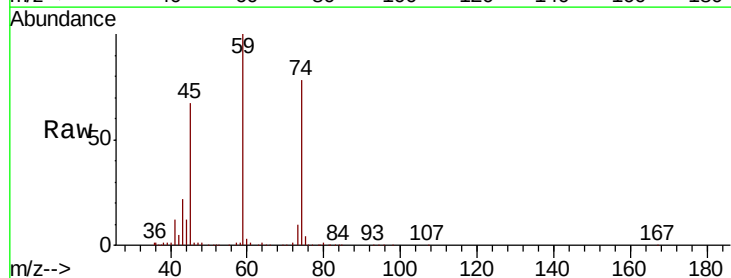
Tot Ion:101 Resp: 61892
Ion Ratio Lower Upper
101 100
103 64.0 52.6 78.8

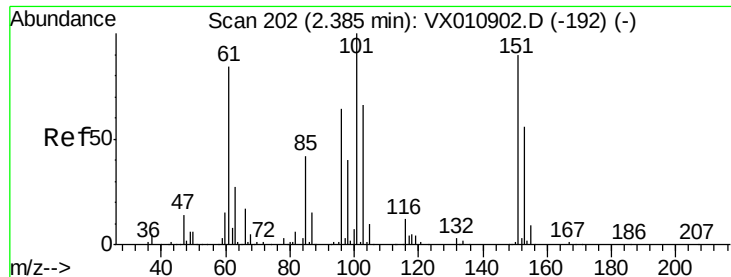


#8

Diethyl Ether
Concen: 18.881 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion: 74 Resp: 20661
Ion Ratio Lower Upper
74 100
45 89.5 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.834 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

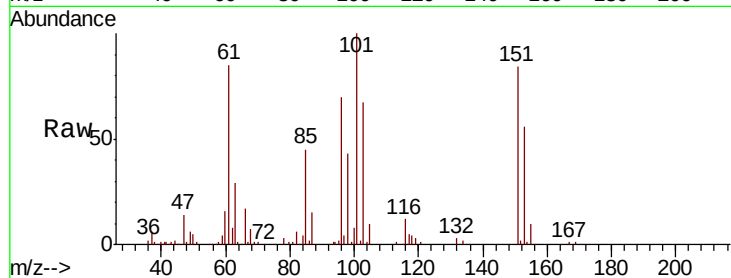
Tot Ion:101 Resp: 34154

Ion Ratio Lower Upper

101 100

85 44.1 34.6 52.0

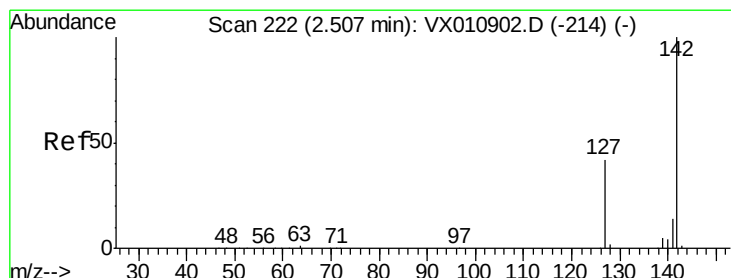
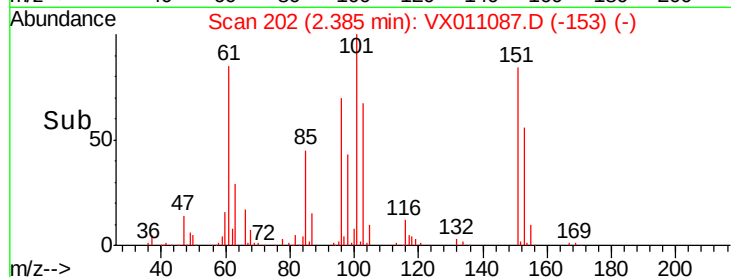
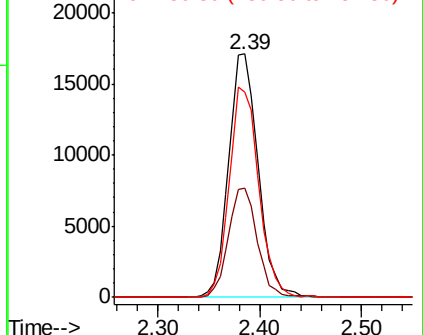
151 85.9 69.6 104.4



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: 15.648 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

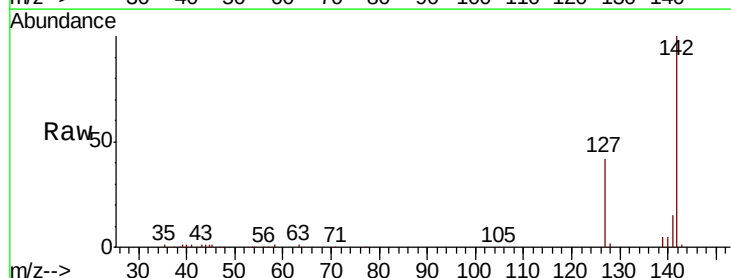
Tgt Ion:142 Resp: 37238

Ion Ratio Lower Upper

142 100

127 42.6 34.2 51.4

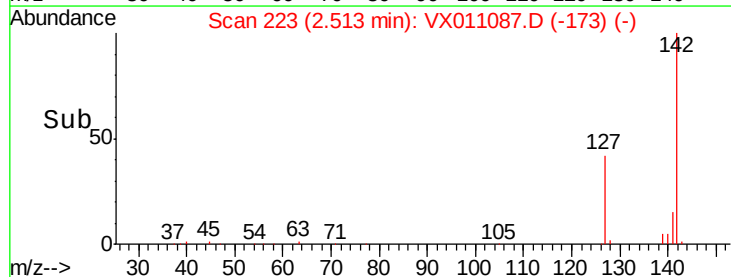
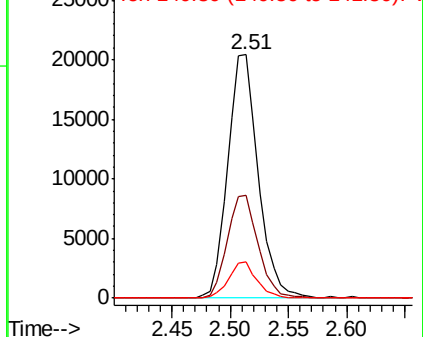
141 13.9 11.7 17.5

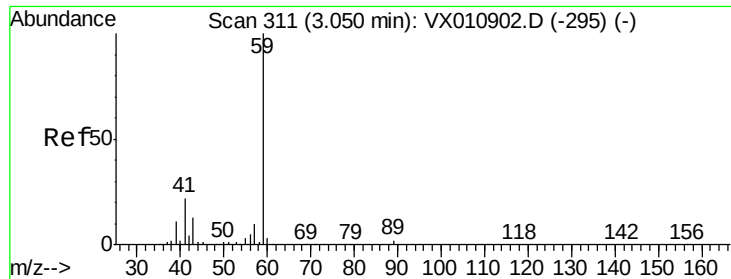


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

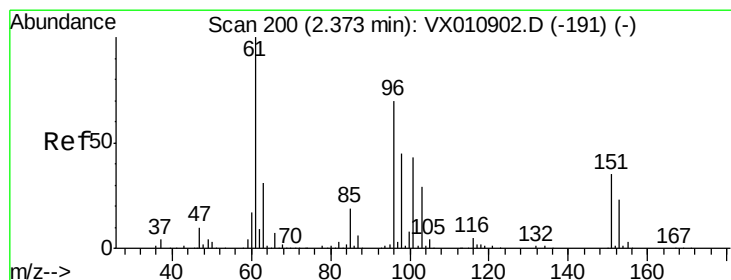
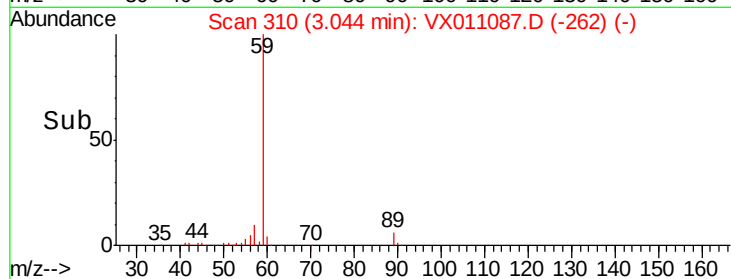
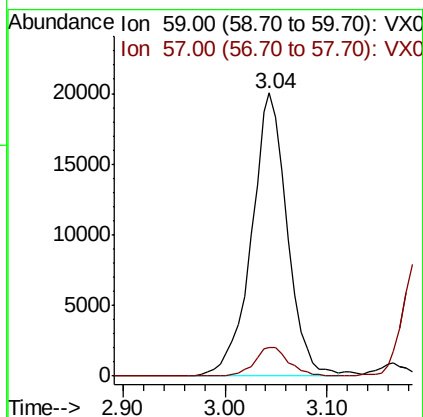
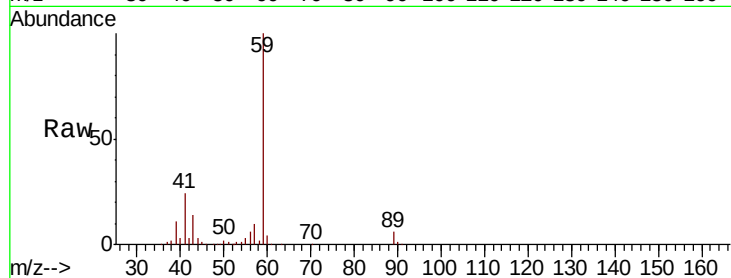




#11
Tert butyl alcohol
Concen: 98.222 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

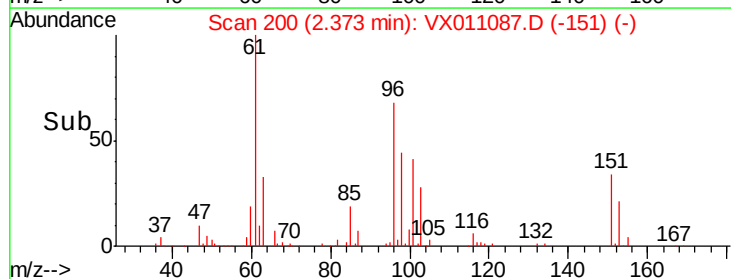
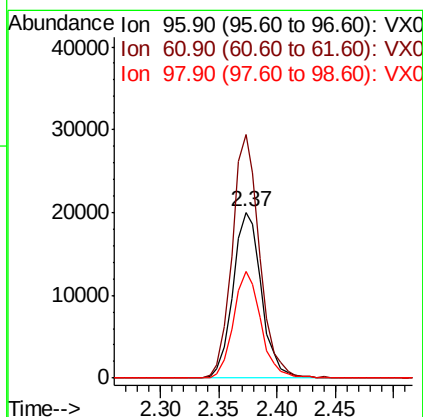
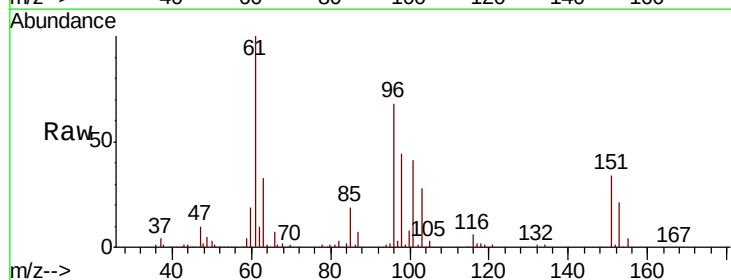
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

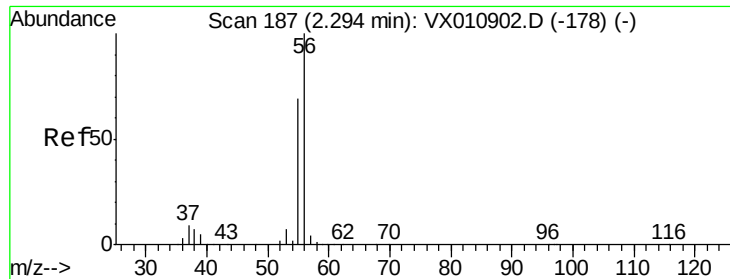
Tot Ion: 59 Resp: 48679
Ion Ratio Lower Upper
59 100
57 10.1 7.9 11.9



#12
1,1-Dichloroethene
Concen: 19.148 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion: 96 Resp: 34117
Ion Ratio Lower Upper
96 100
61 146.7 115.0 172.4
98 64.0 52.2 78.2





#13

Acrolein

Concen: 61.930 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampled :

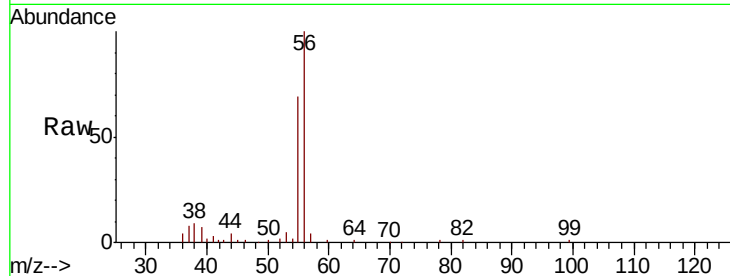
VX0726WBSD01

Tot Ion: 56 Resp: 17733

Ion Ratio Lower Upper

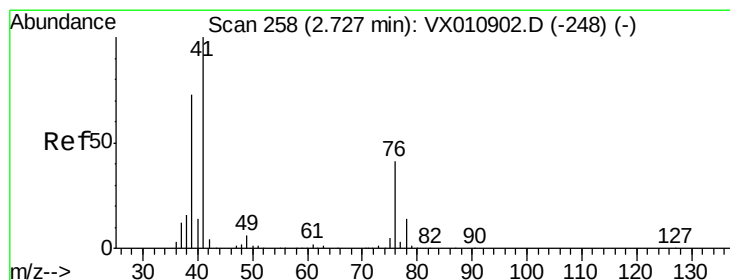
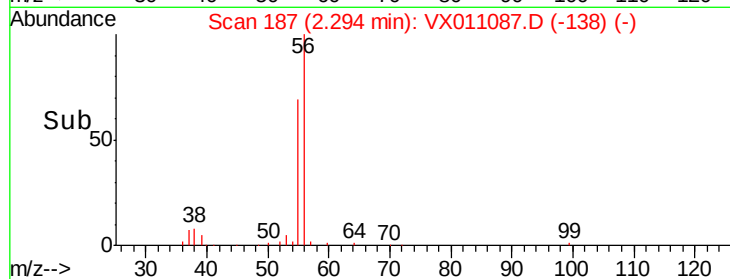
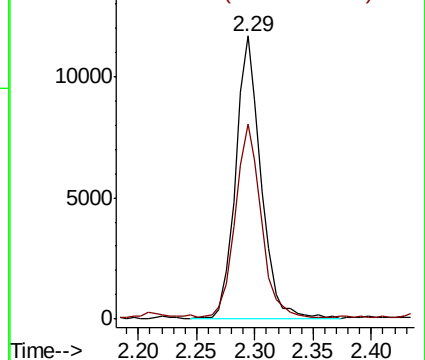
56 100

55 69.5 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: 18.434 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

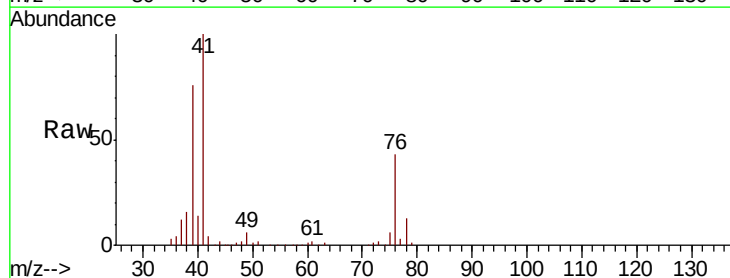
Tgt Ion: 41 Resp: 47708

Ion Ratio Lower Upper

41 100

39 68.1 53.6 80.4

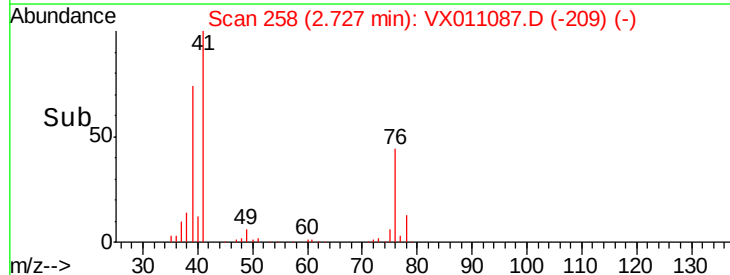
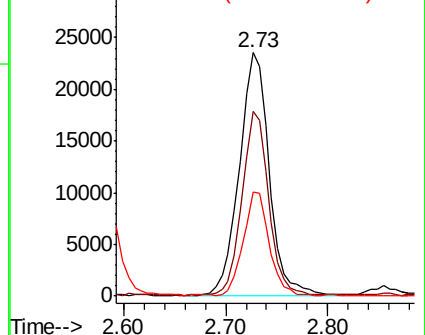
76 36.9 29.7 44.5

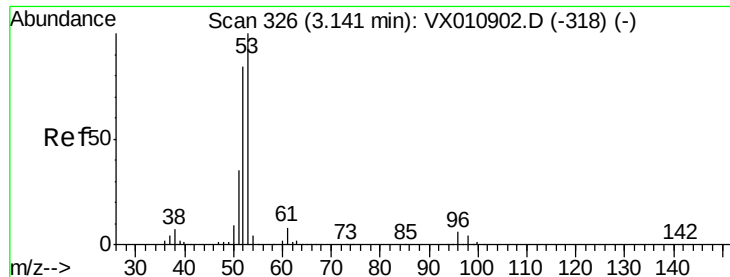


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.185 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

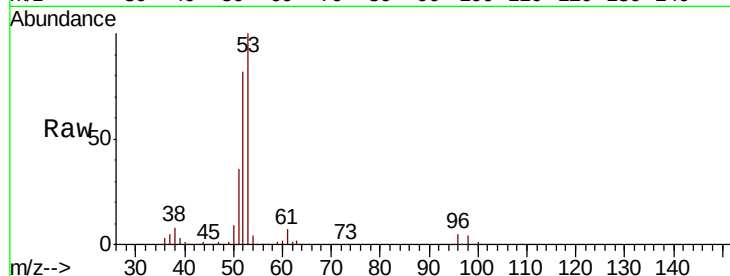
Tot Ion: 53 Resp: 96325

Ion Ratio Lower Upper

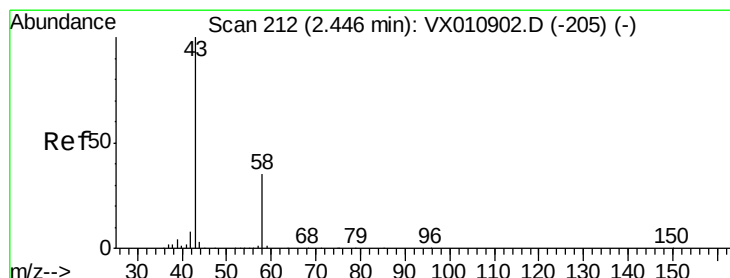
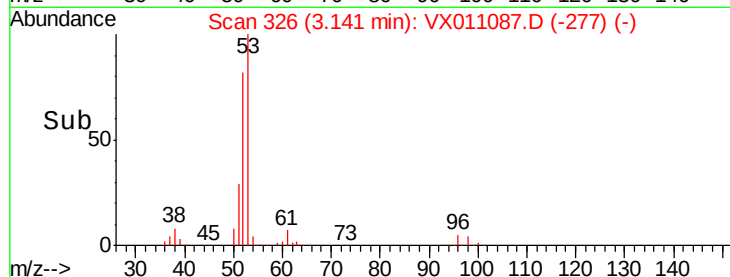
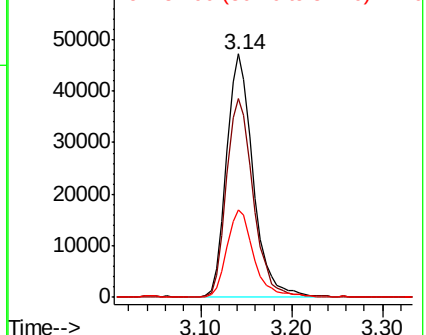
53 100

52 82.9 66.5 99.7

51 36.6 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 92.135 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011087.D

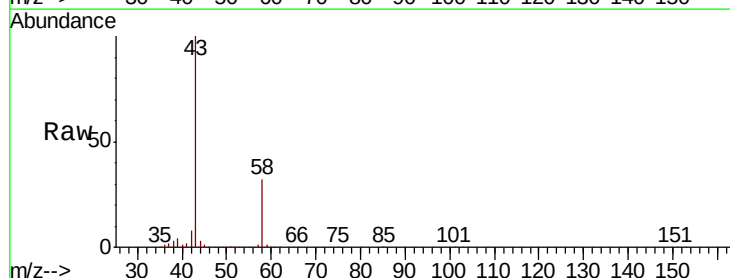
Acq: 26 Jul 2019 13:52

Tgt Ion: 43 Resp: 88554

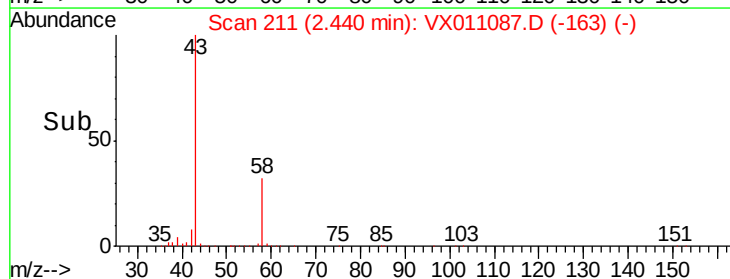
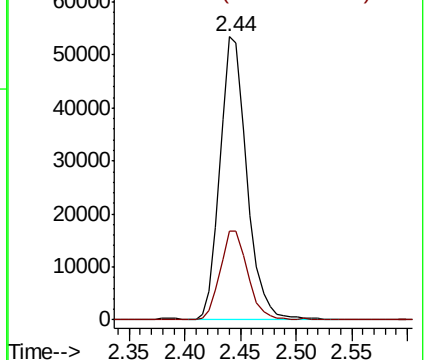
Ion Ratio Lower Upper

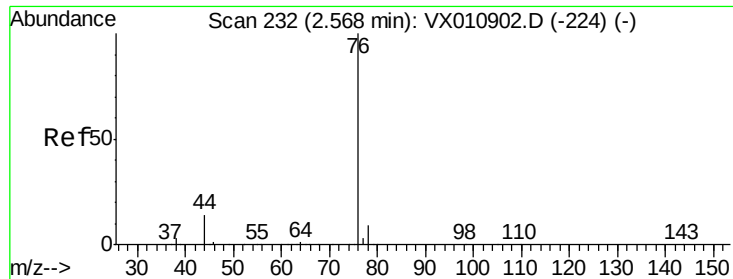
43 100

58 31.5 27.7 41.5



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

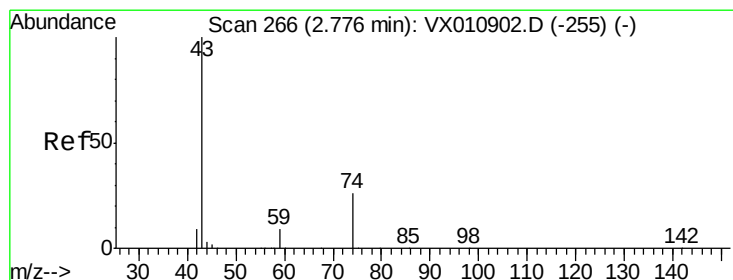
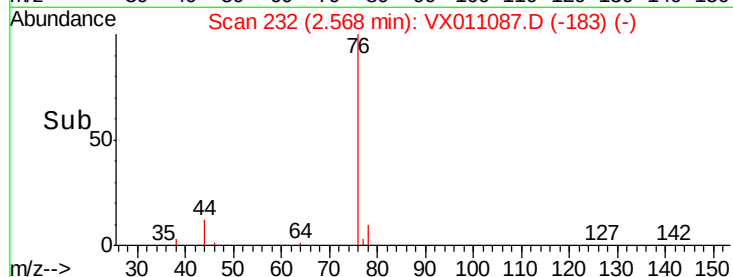
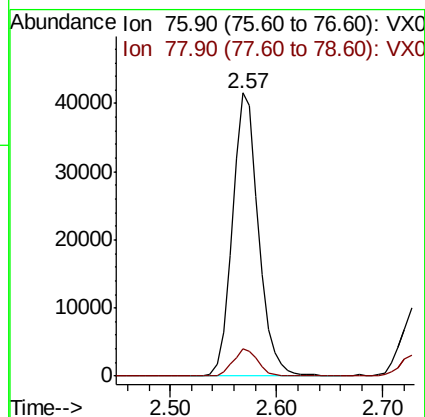
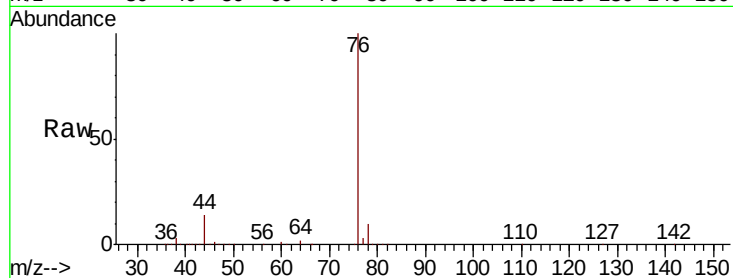




#17
Carbon Disulfide
Concen: 15.610 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

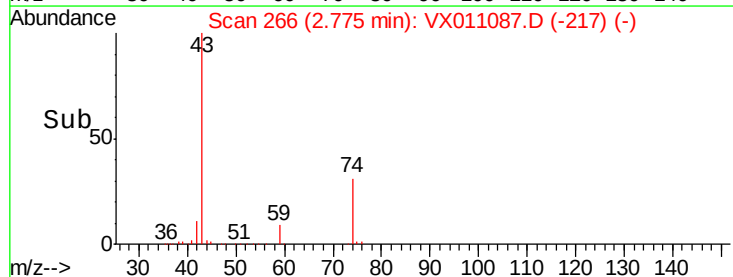
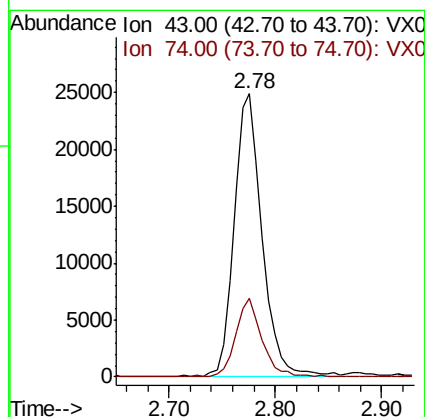
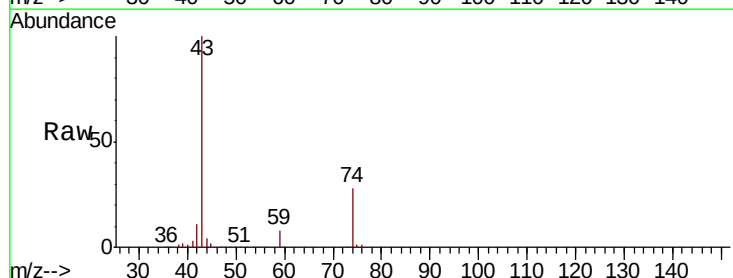
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

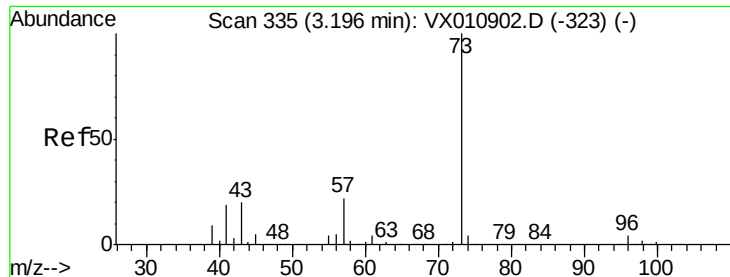
Tot Ion: 76 Resp: 71343
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#18
Methyl Acetate
Concen: 20.587 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion: 43 Resp: 45056
Ion Ratio Lower Upper
43 100
74 26.7 21.5 32.3



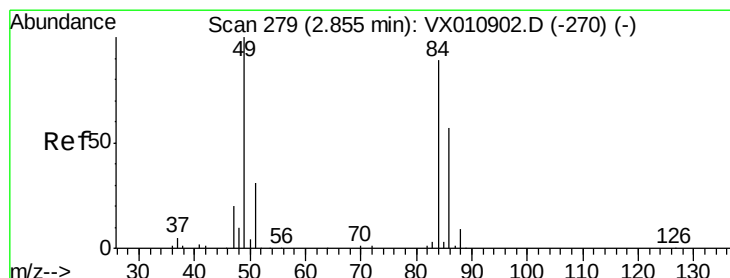
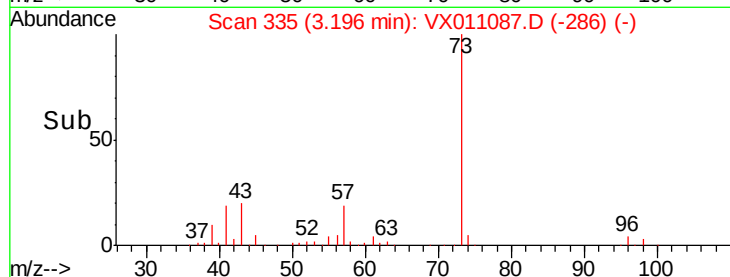
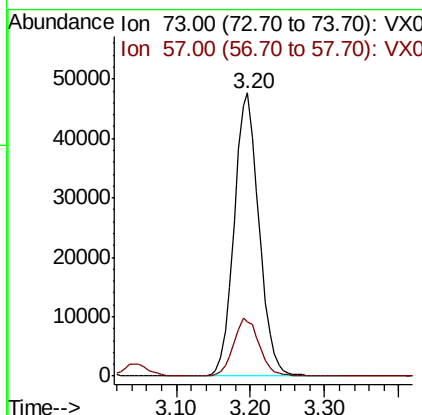
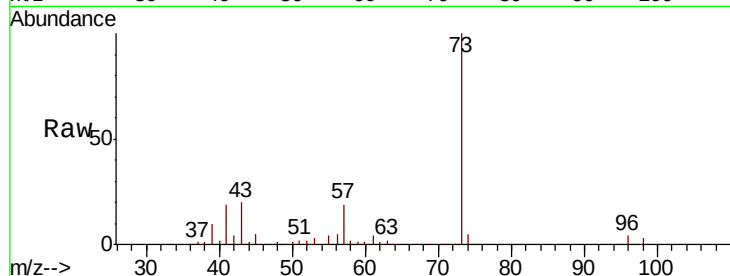


#19

Methyl tert-butyl Ether
 Concen: 19.435 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0726WBSD01

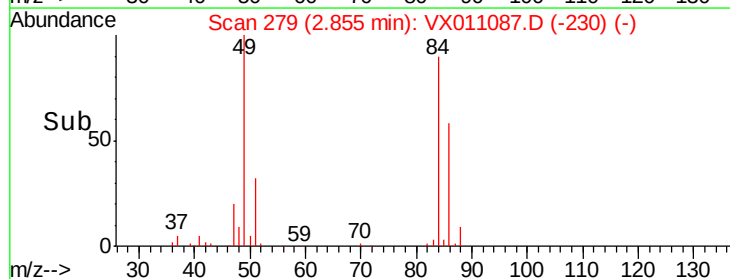
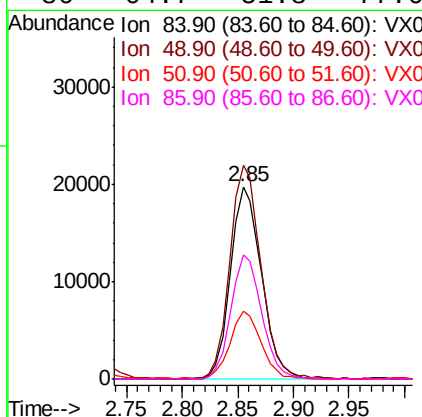
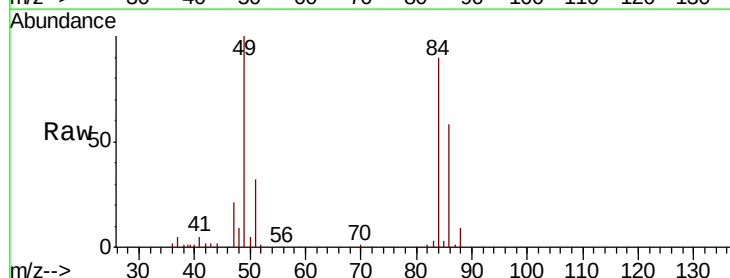
Tot Ion: 73 Resp: 111477
 Ion Ratio Lower Upper
 73 100
 57 19.2 17.3 25.9

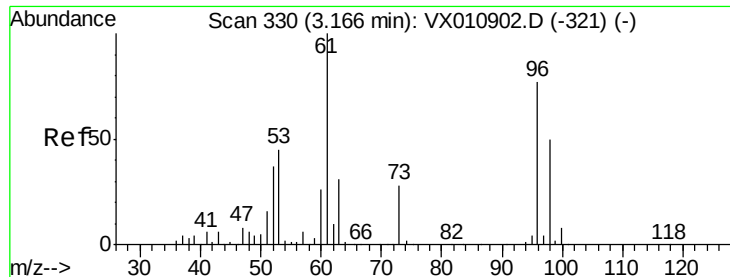


#20

Methylene Chloride
 Concen: 18.770 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion: 84 Resp: 38232
 Ion Ratio Lower Upper
 84 100
 49 111.2 89.9 134.9
 51 35.6 27.8 41.6
 86 64.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.563 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

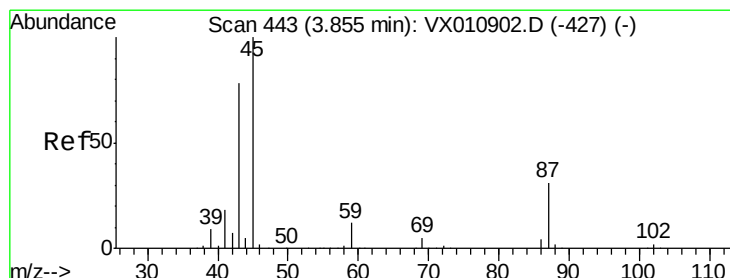
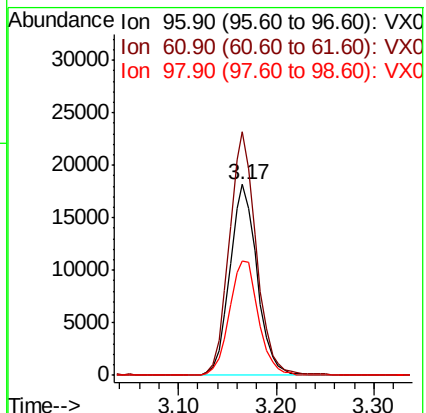
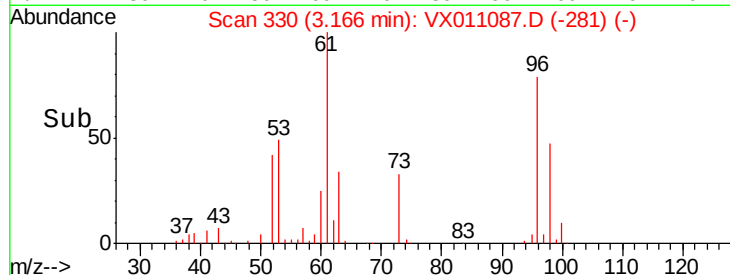
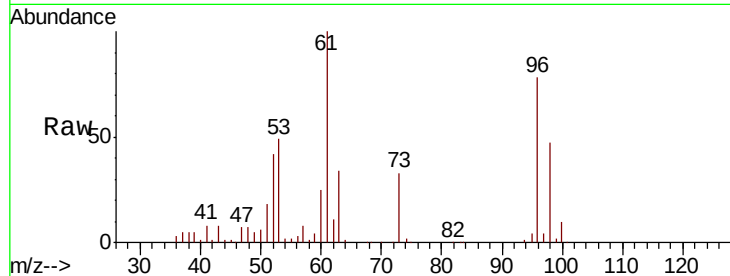
Tot Ion: 96 Resp: 35094

Ion Ratio Lower Upper

96 100

61 127.5 104.2 156.2

98 59.6 52.2 78.4



#22

Diisopropyl ether

Concen: 19.428 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Tgt Ion: 45 Resp: 106043

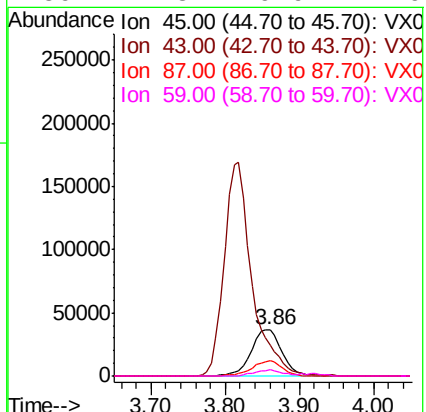
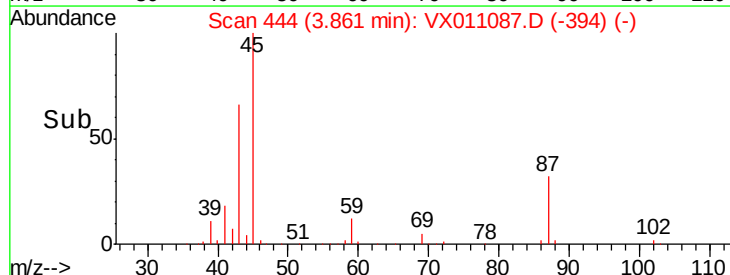
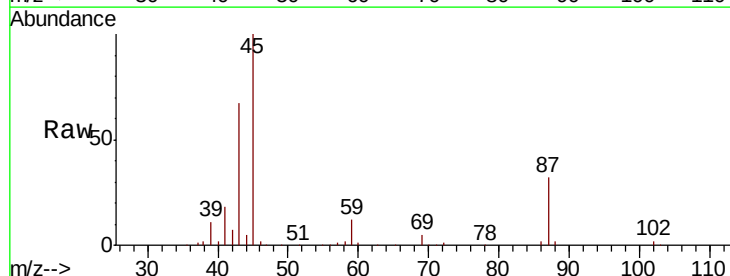
Ion Ratio Lower Upper

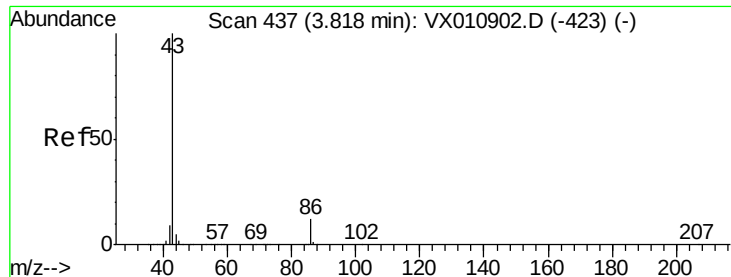
45 100

43 66.2 62.3 93.5

87 31.9 25.0 37.4

59 12.3 9.9 14.9





#23

Vinyl Acetate

Concen: 95.595 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

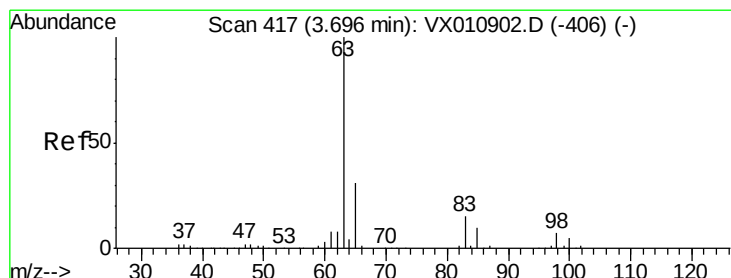
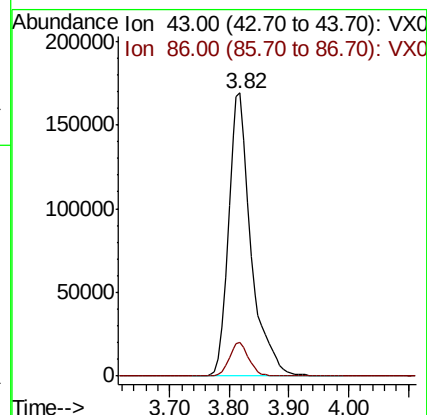
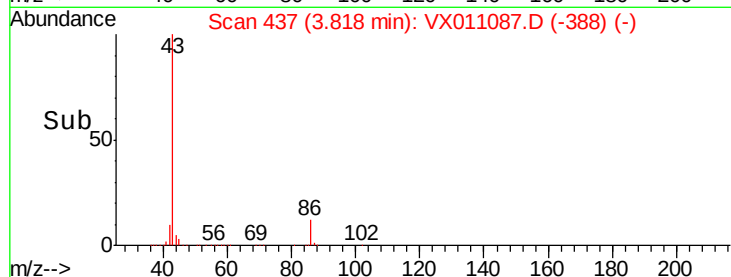
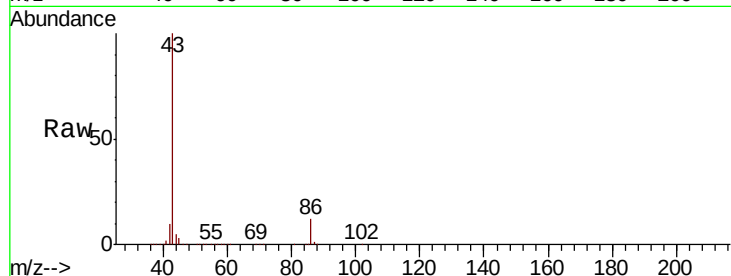
VX0726WBSD01

Tot Ion: 43 Resp: 442114

Ion Ratio Lower Upper

43 100

86 11.9 9.4 14.0



#24

1,1-Dichloroethane

Concen: 19.024 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

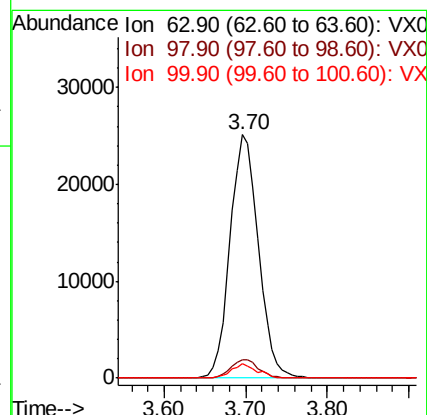
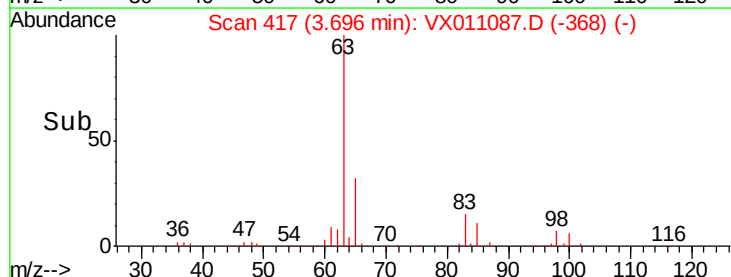
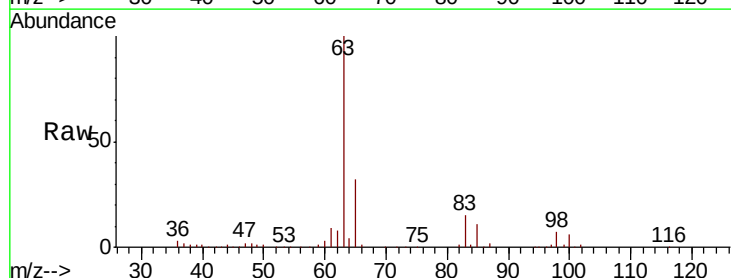
Tgt Ion: 63 Resp: 60306

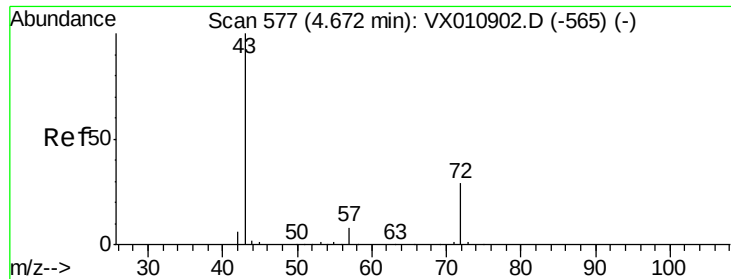
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 5.7 2.4 7.2





#25

2-Butanone

Concen: 95.261 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

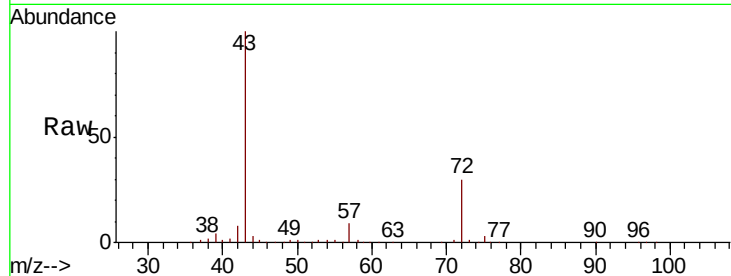
VX0726WBSD01

Tot Ion: 43 Resp: 131430

Ion Ratio Lower Upper

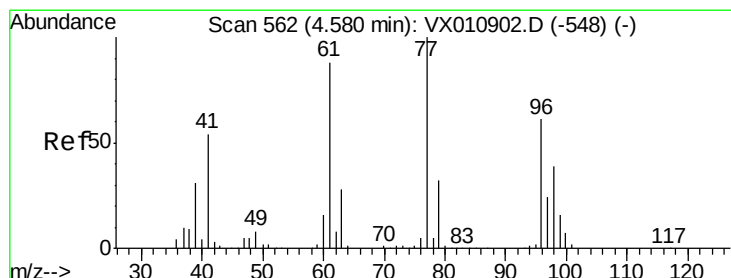
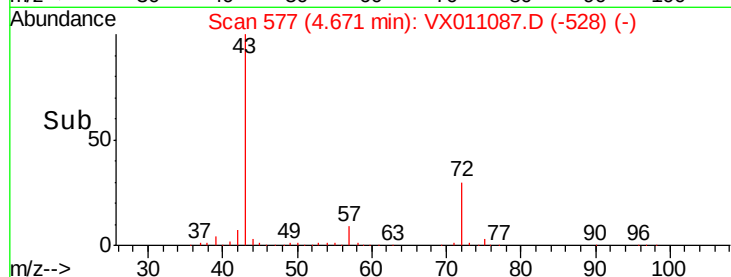
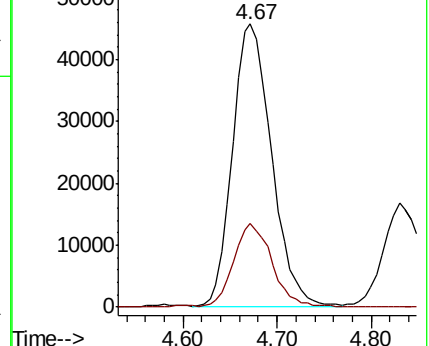
43 100

72 29.6 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.629 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011087.D

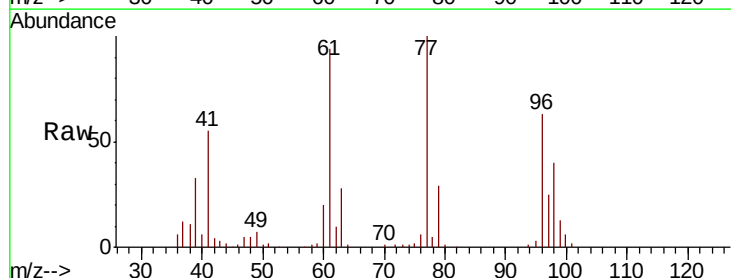
Acq: 26 Jul 2019 13:52

Tgt Ion: 77 Resp: 48488

Ion Ratio Lower Upper

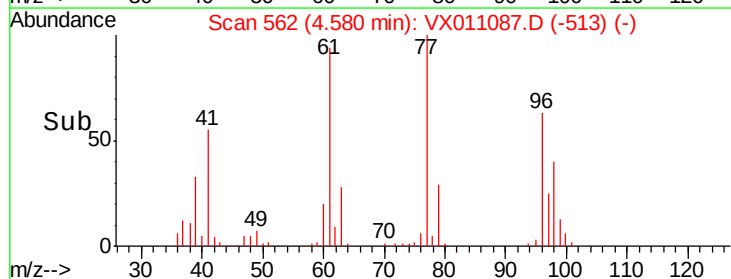
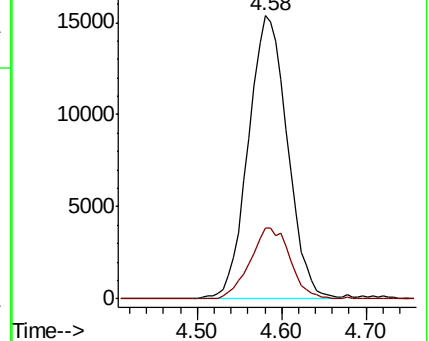
77 100

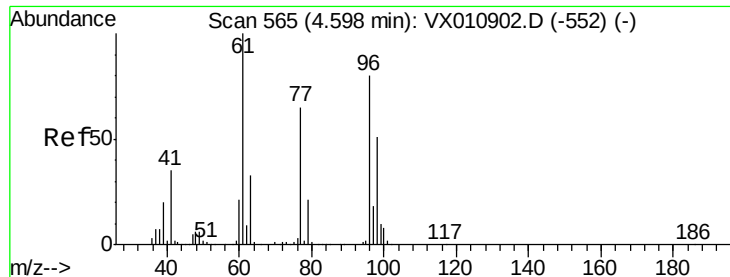
97 25.7 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



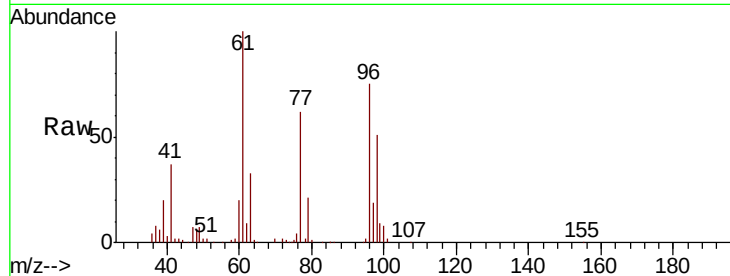


#27

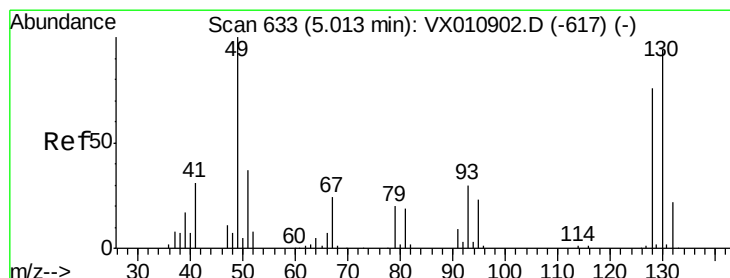
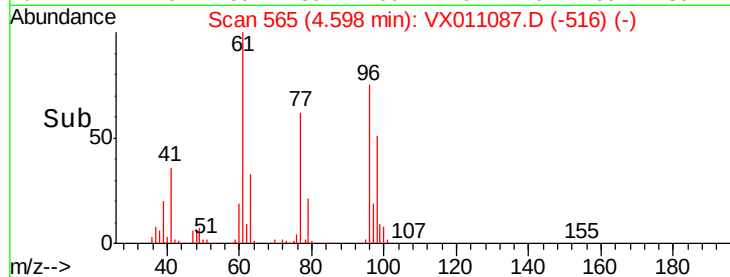
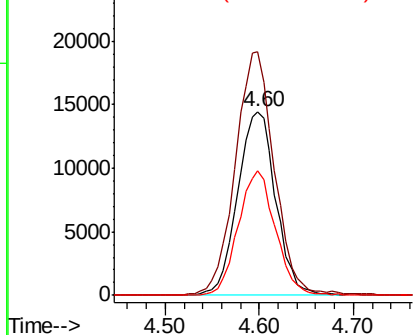
cis-1,2-Dichloroethene
 Concen: 18.673 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion: 96 Resp: 40856
 Ion Ratio Lower Upper
 96 100
 61 136.3 0.0 269.0
 98 66.4 0.0 131.4



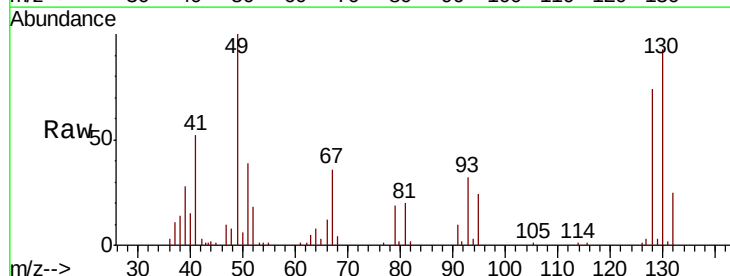
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



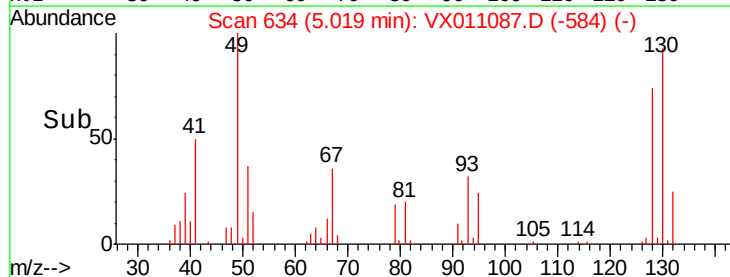
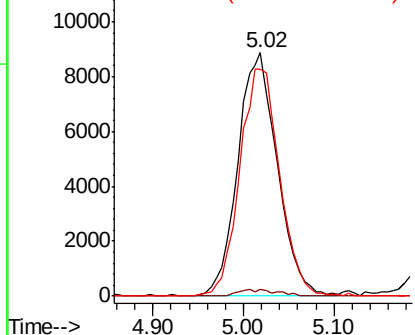
#28

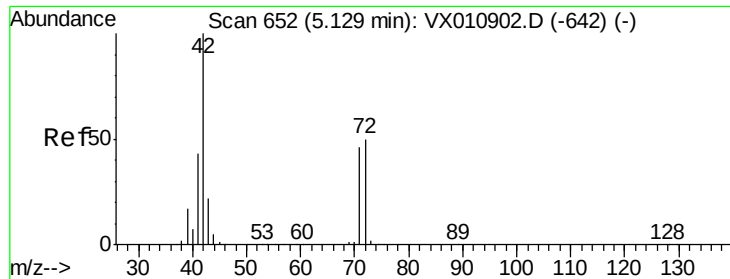
Bromochloromethane
 Concen: 17.906 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion: 49 Resp: 26748
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 94.1 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

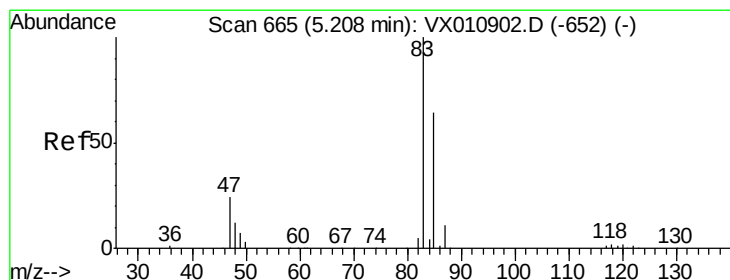
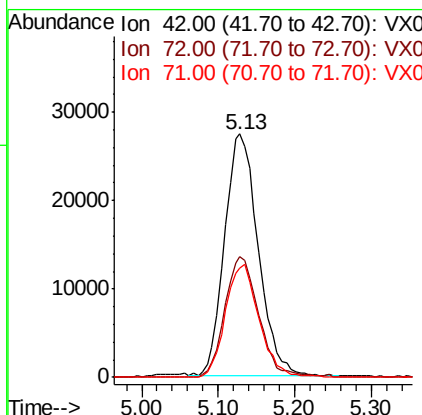
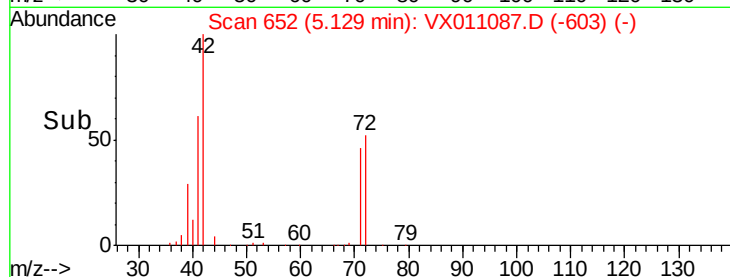
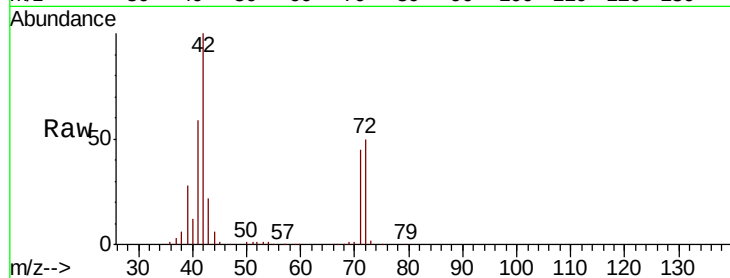




#29
Tetrahydrofuran
Concen: 95.717 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

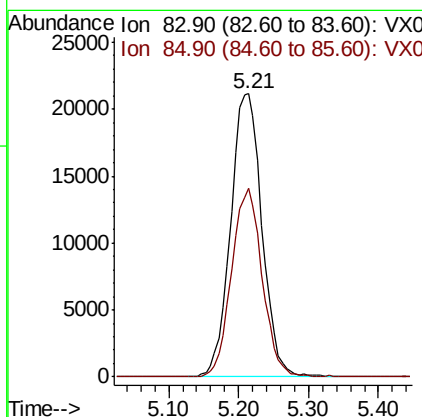
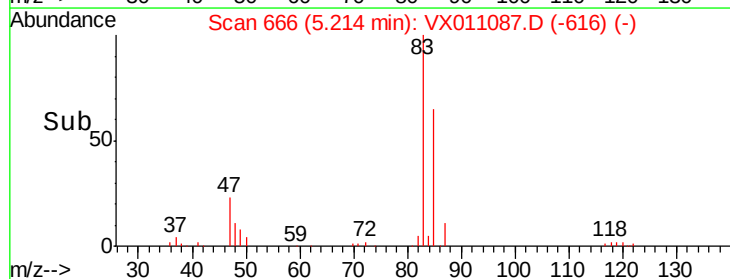
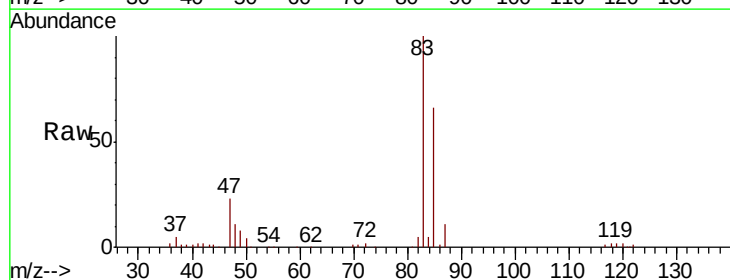
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

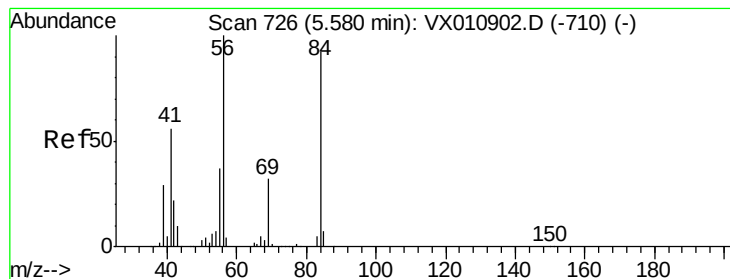
Tot Ion	Ratio	Lower	Upper
42	100		
72	50.1	39.8	59.8
71	46.5	37.0	55.4



#30
Chloroform
Concen: 19.199 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.4	77.0





#31

Cyclohexane

Concen: 18.174 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

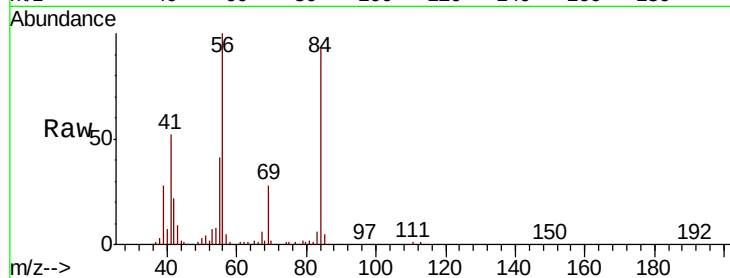
Tot Ion: 56 Resp: 52511

Ion Ratio Lower Upper

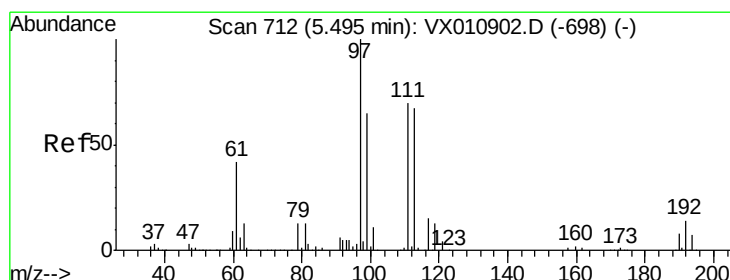
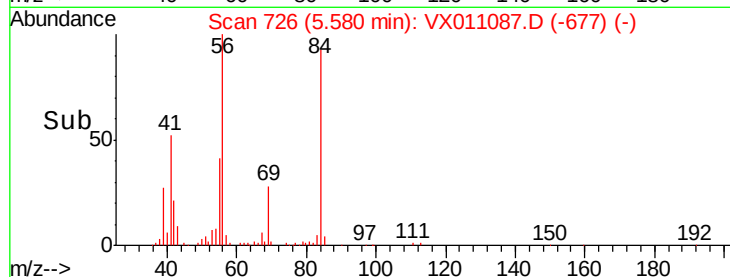
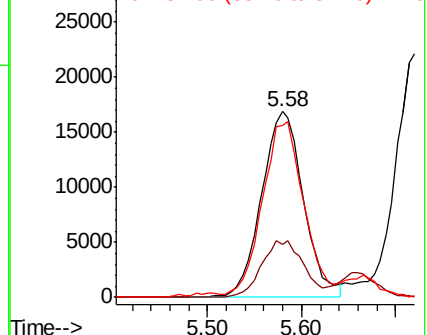
56 100

69 28.1 25.8 38.8

84 91.3 73.8 110.6



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



#32

1,1,1-Trichloroethane

Concen: 18.925 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

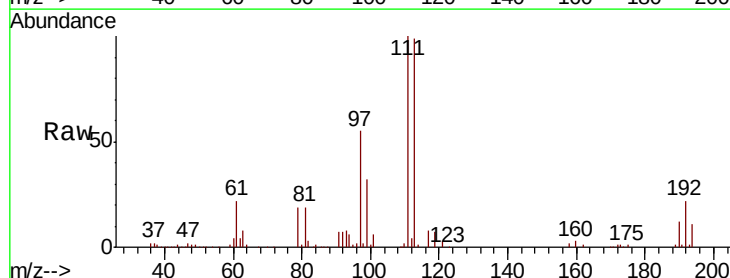
Tgt Ion: 97 Resp: 56101

Ion Ratio Lower Upper

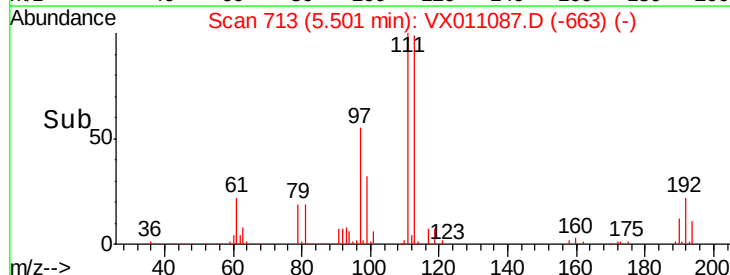
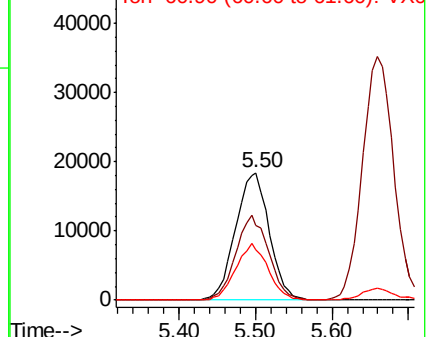
97 100

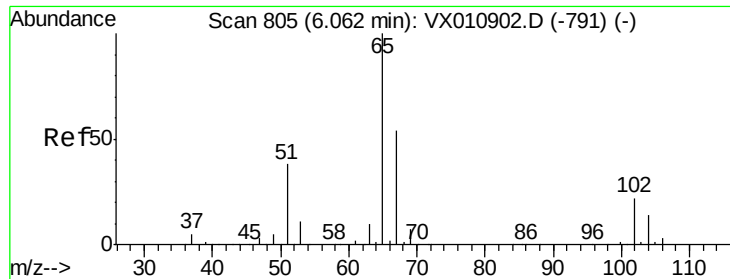
99 65.2 51.4 77.0

61 42.5 33.0 49.6



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

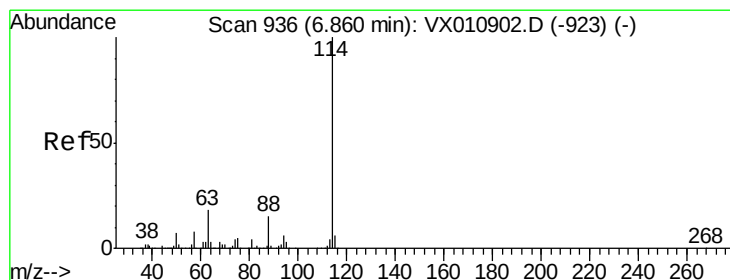
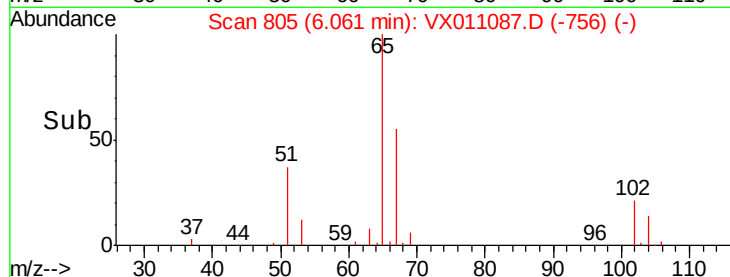
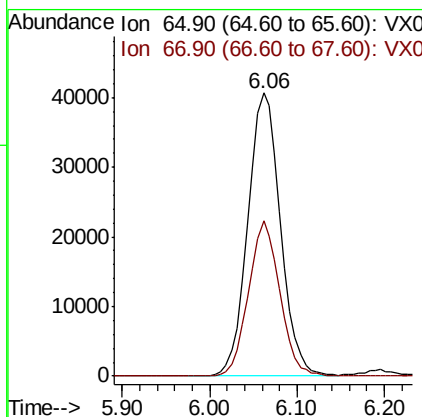
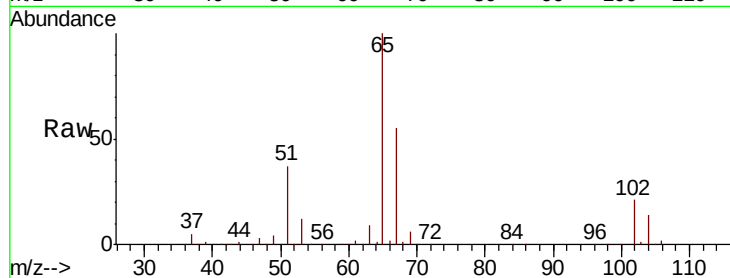




#33
 1,2-Dichloroethane-d4
 Concen: 49.581 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

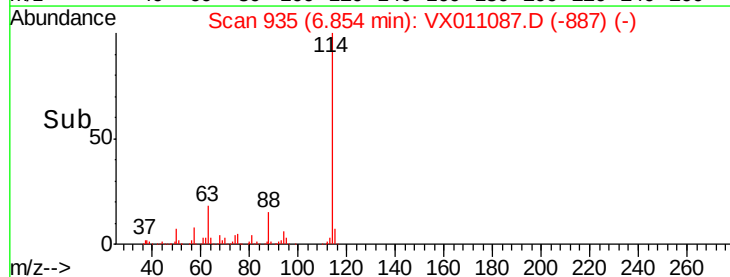
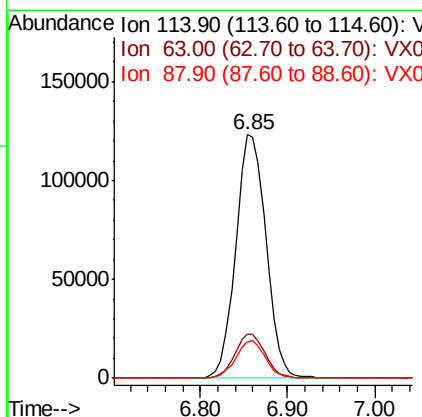
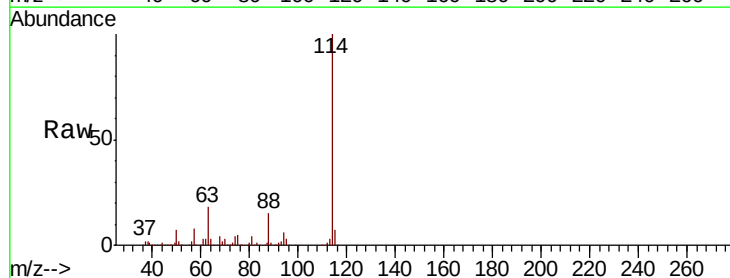
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

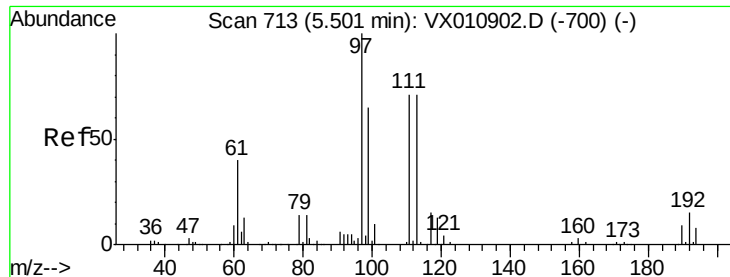
Tot Ion: 65 Resp: 105511
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion: 114 Resp: 296897
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.6
 88 14.8 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.906 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

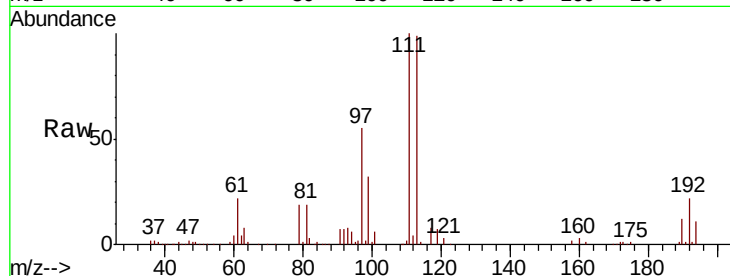
Tot Ion:113 Resp: 94046

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

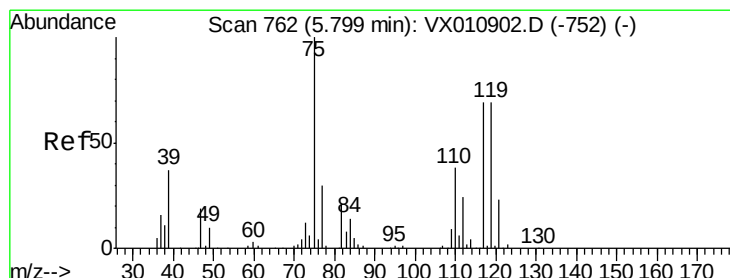
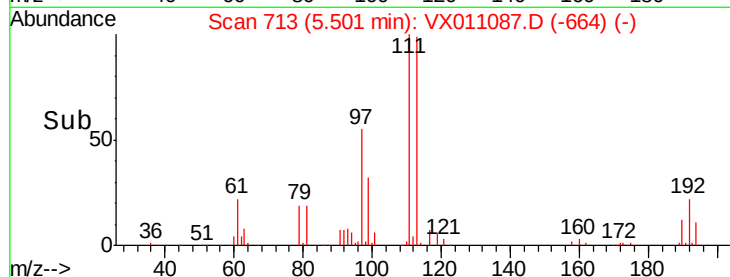
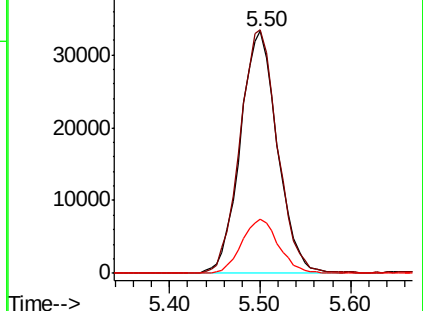
192 22.4 17.4 26.2



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: 18.855 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

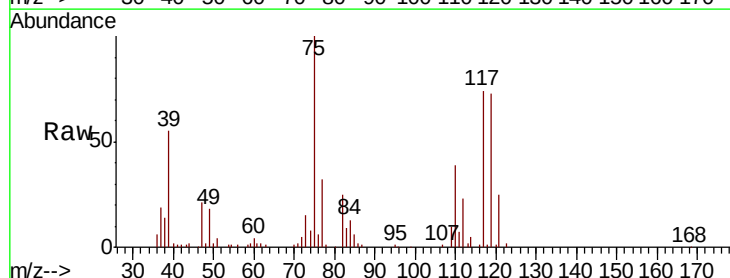
Tgt Ion: 75 Resp: 45983

Ion Ratio Lower Upper

75 100

110 38.9 19.9 59.7

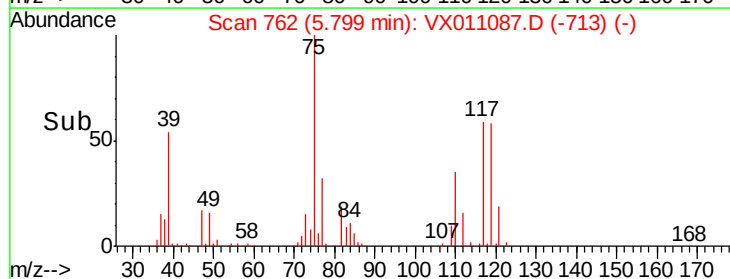
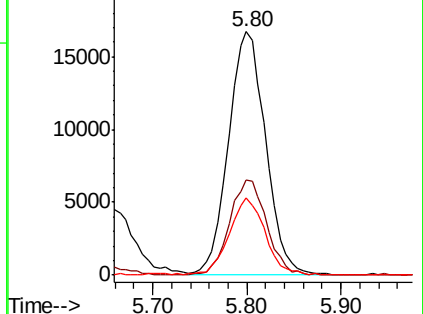
77 30.8 25.0 37.4

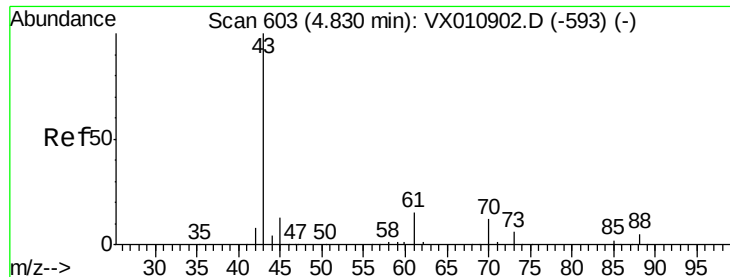


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

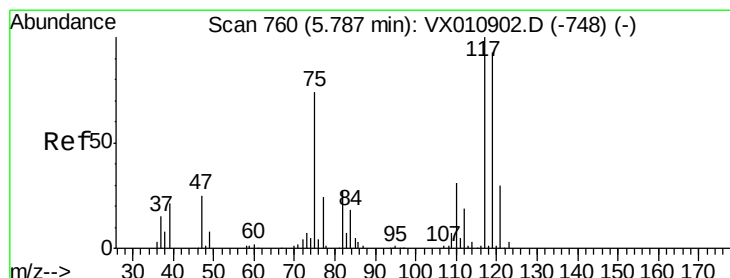
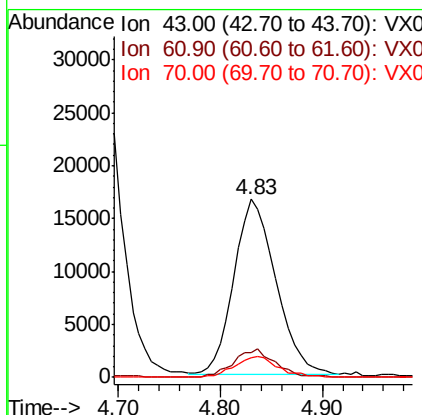
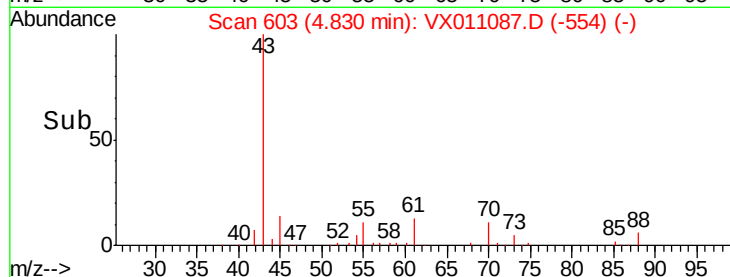
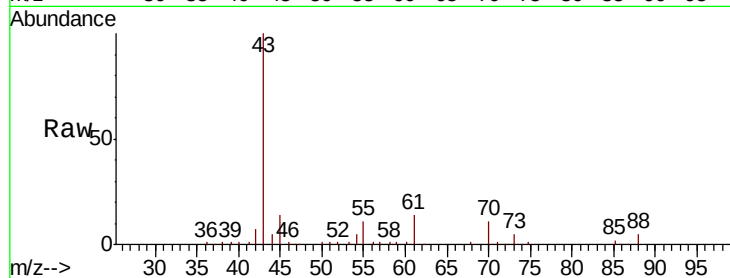




#37
Ethyl Acetate
Concen: 18.932 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

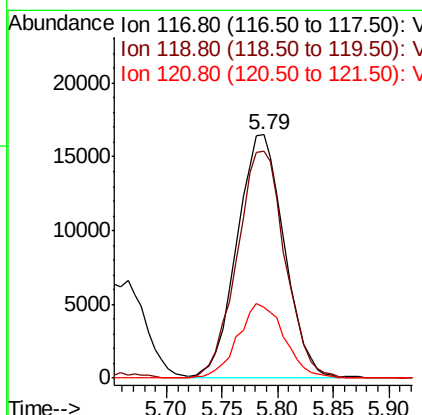
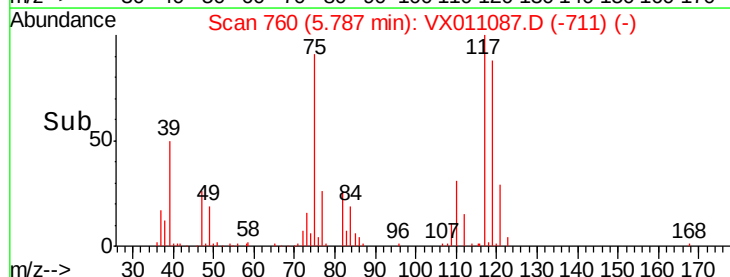
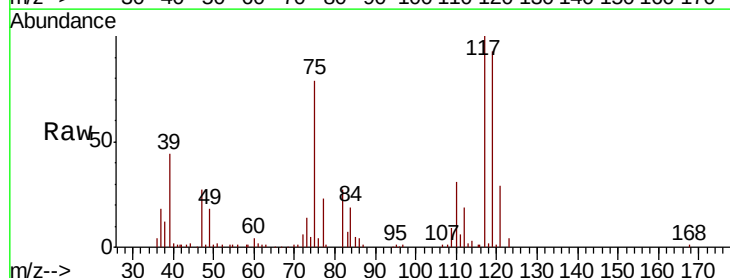
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

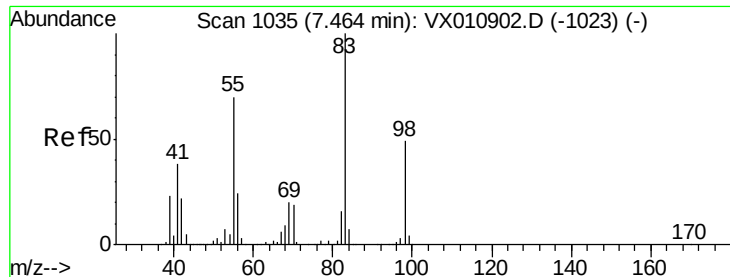
Tot Ion: 43 Resp: 47278
Ion Ratio Lower Upper
43 100
61 16.4 11.6 17.4
70 12.6 9.1 13.7



#38
Carbon Tetrachloride
Concen: 19.131 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion: 117 Resp: 48616
Ion Ratio Lower Upper
117 100
119 92.9 74.2 111.2
121 29.2 24.2 36.2

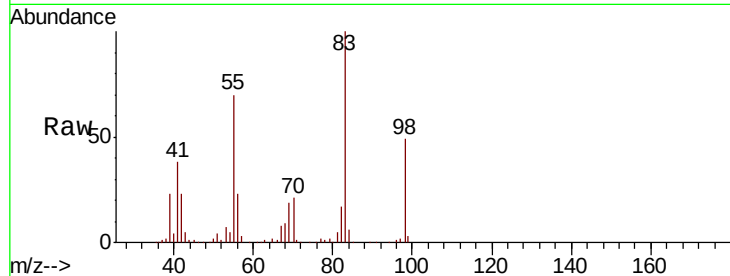




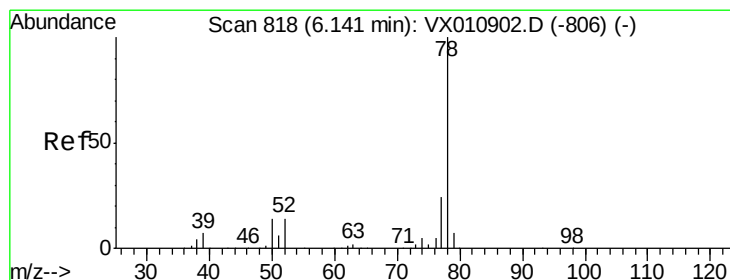
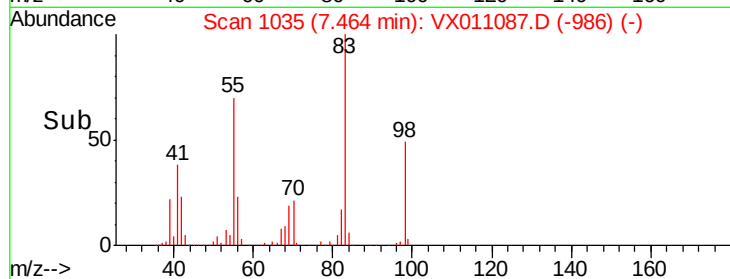
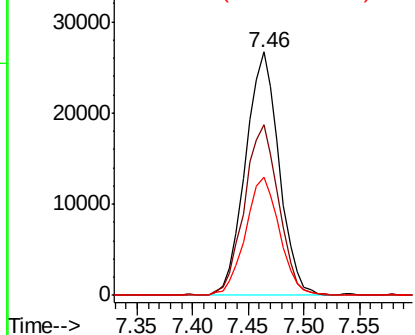
#39
Methylvlcyclohexane
Concen: 17.747 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion	83	Resp	56126
Ion	Ratio	Lower	Upper
83	100		
55	69.6	56.2	84.4
98	48.8	39.0	58.4

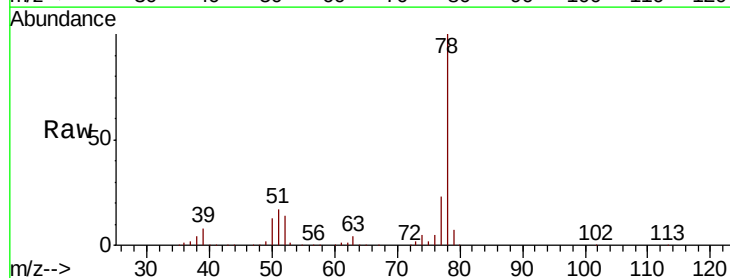


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

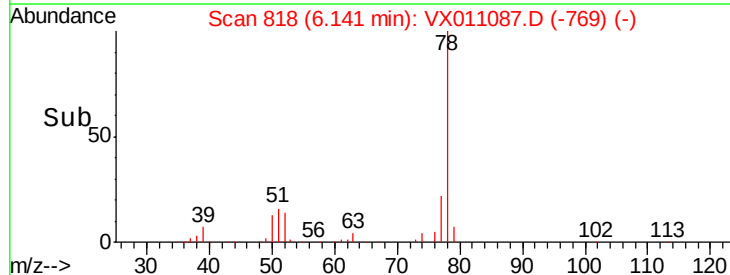
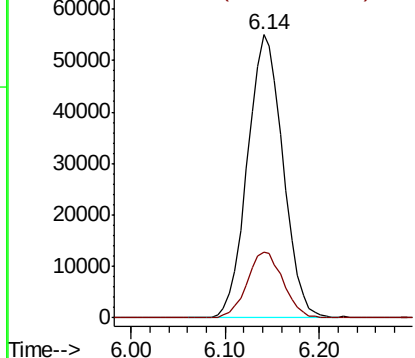


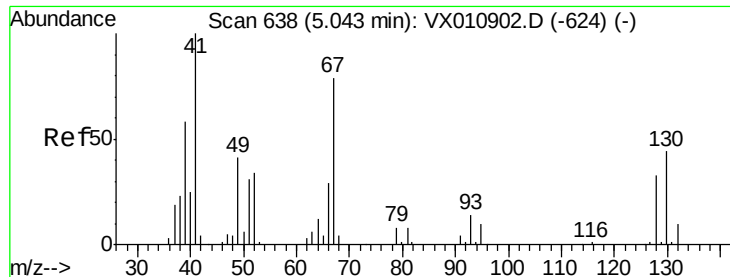
#40
Benzene
Concen: 19.453 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion	78	Resp	145323
Ion	Ratio	Lower	Upper
78	100		
77	23.1	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: 18.531 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

Tot Ion: 41 Resp: 26270

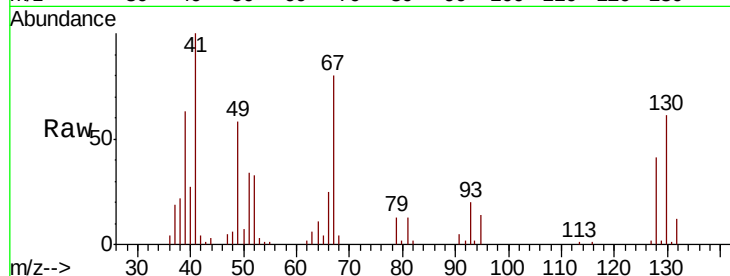
Ion Ratio Lower Upper

41 100

39 59.1 45.4 68.2

67 80.8 65.9 98.9

52 32.5 26.2 39.2

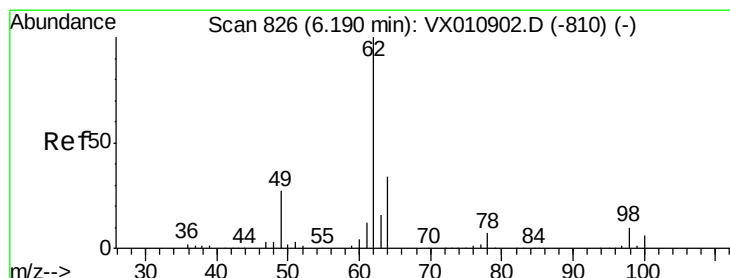
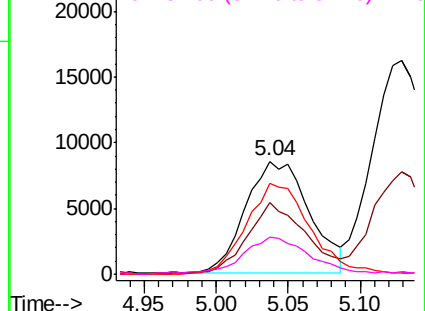
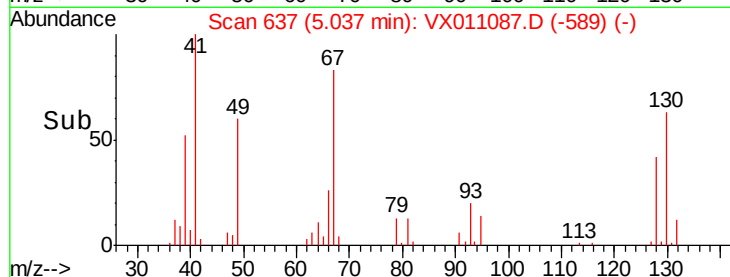


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.342 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011087.D

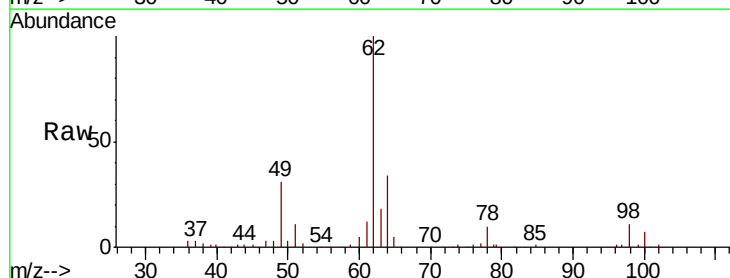
Acq: 26 Jul 2019 13:52

Tgt Ion: 62 Resp: 50239

Ion Ratio Lower Upper

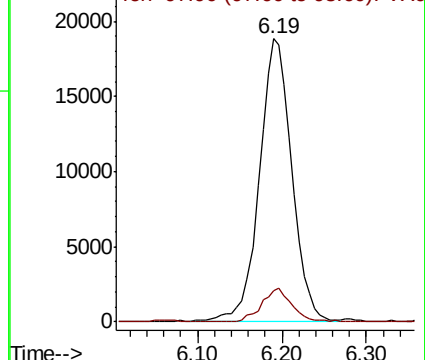
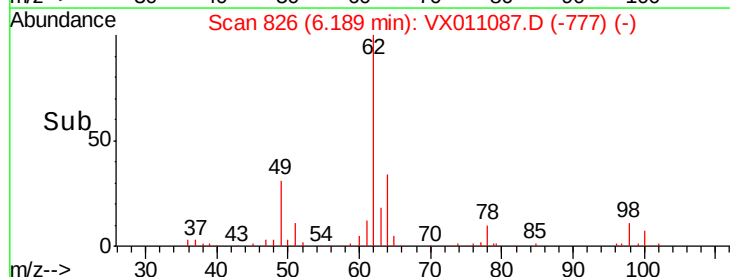
62 100

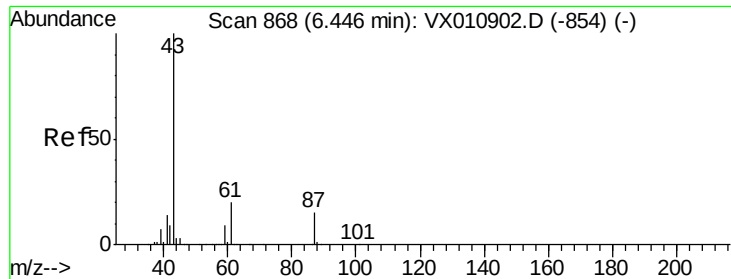
98 11.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.289 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

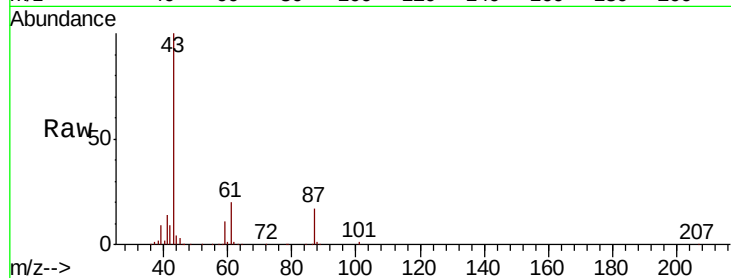
Tot Ion: 43 Resp: 79202

Ion Ratio Lower Upper

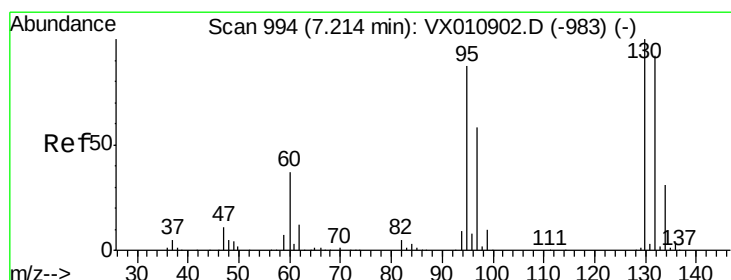
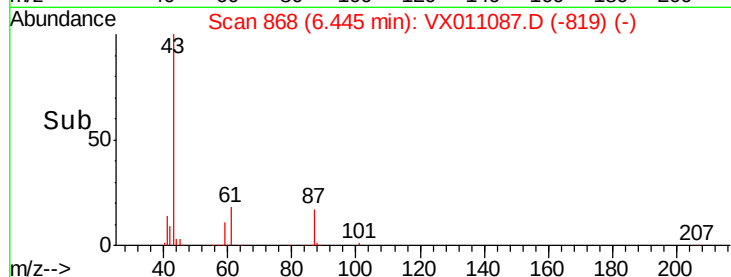
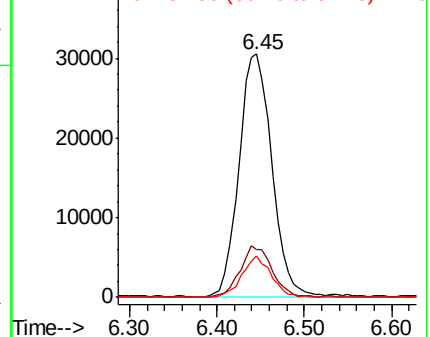
43 100

61 20.7 17.1 25.7

87 15.3 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: 18.624 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX011087.D

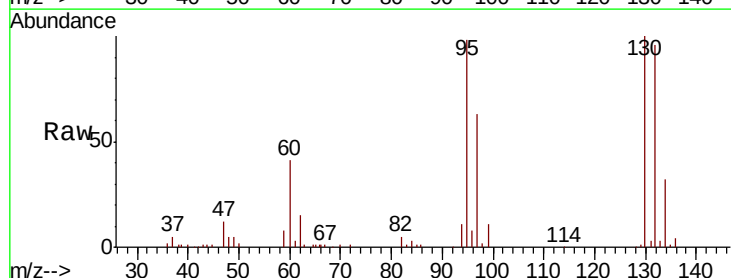
Acq: 26 Jul 2019 13:52

Tgt Ion: 130 Resp: 41182

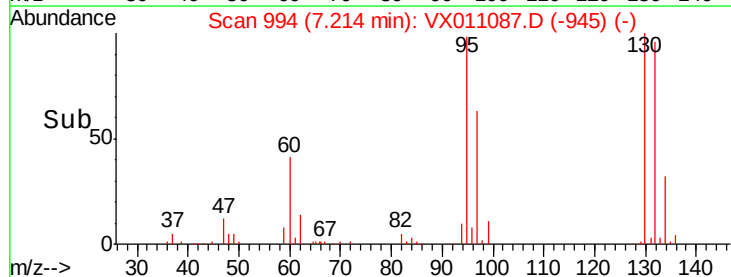
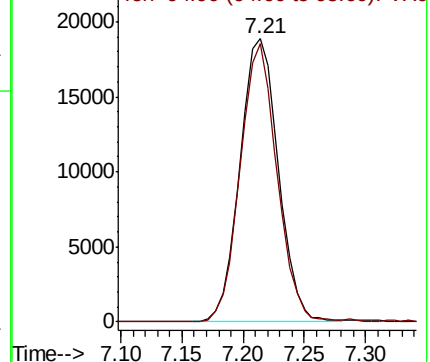
Ion Ratio Lower Upper

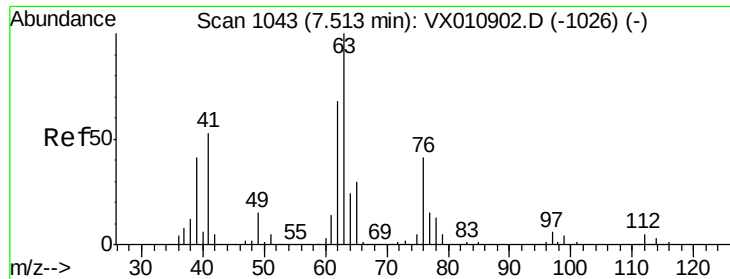
130 100

95 98.3 0.0 174.8



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

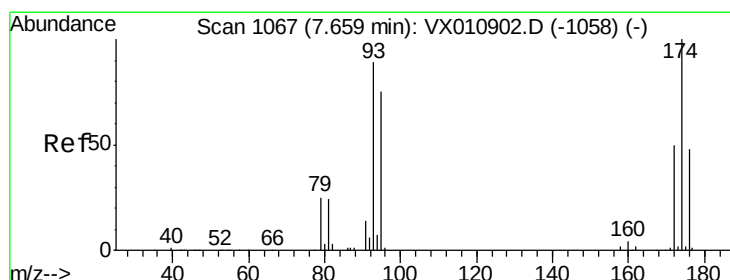
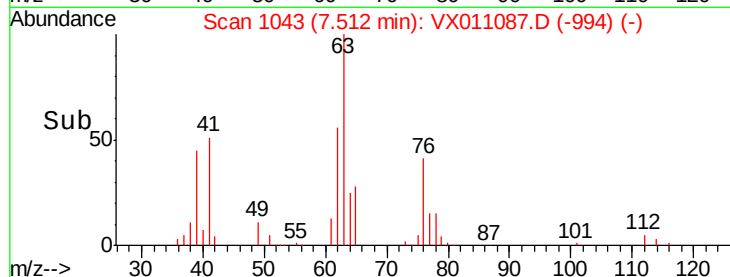
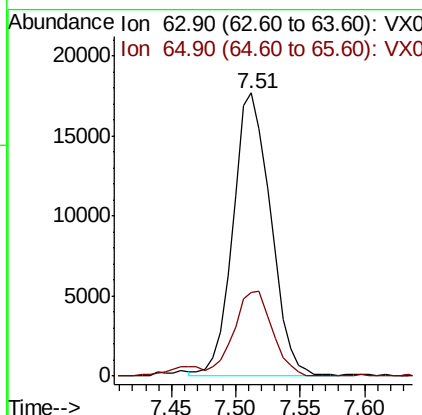
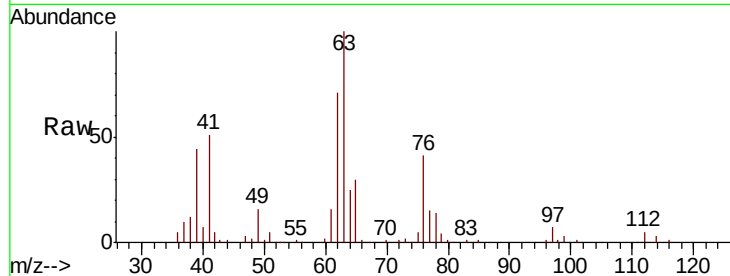




#45
 1,2-Dichloropropane
 Concen: 18.885 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

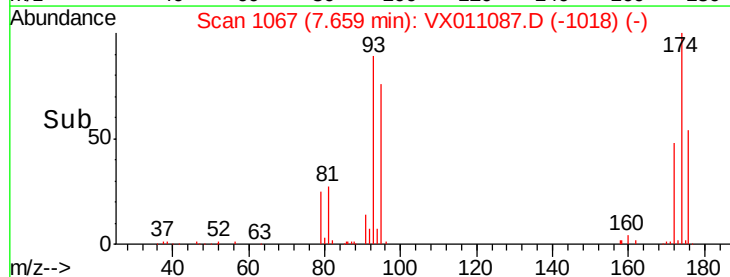
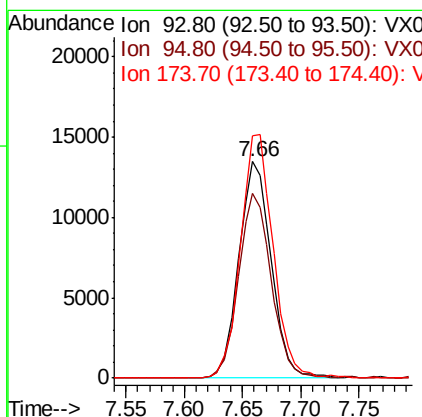
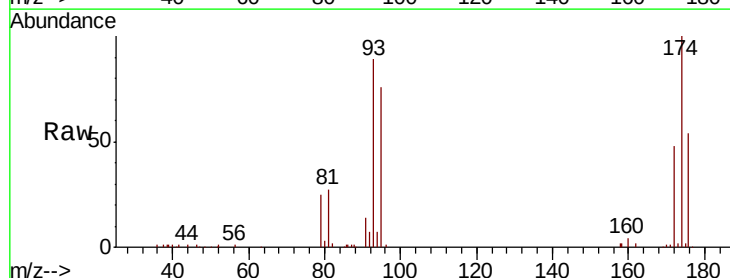
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

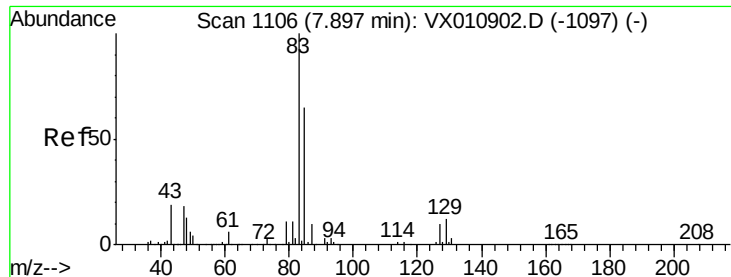
Tot Ion: 63 Resp: 35907
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.4 36.6



#46
 Dibromomethane
 Concen: 19.251 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion: 93 Resp: 26155
 Ion Ratio Lower Upper
 93 100
 95 86.3 67.2 100.8
 174 113.7 90.6 135.8





#47

Bromodichloromethane

Concen: 19.344 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

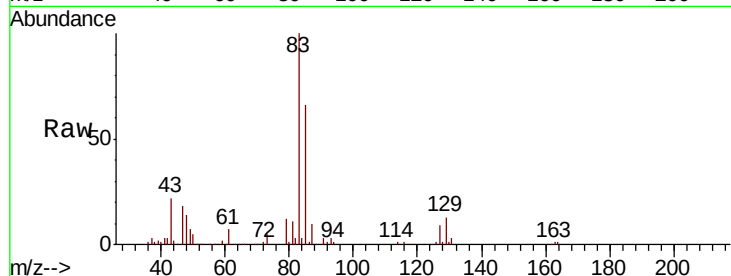
Tot Ion: 83 Resp: 46783

Ion Ratio Lower Upper

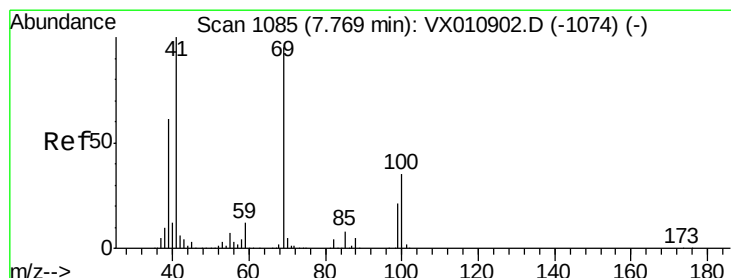
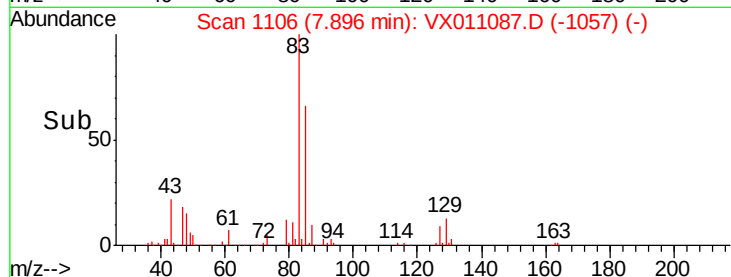
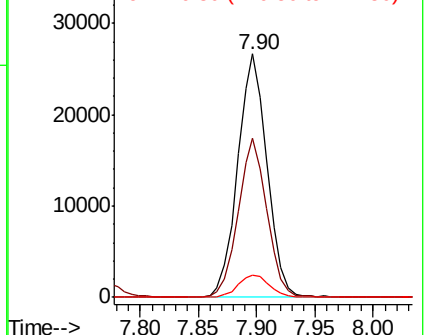
83 100

85 65.5 52.5 78.7

127 9.1 7.8 11.8



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



#48

Methyl methacrylate

Concen: 19.184 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

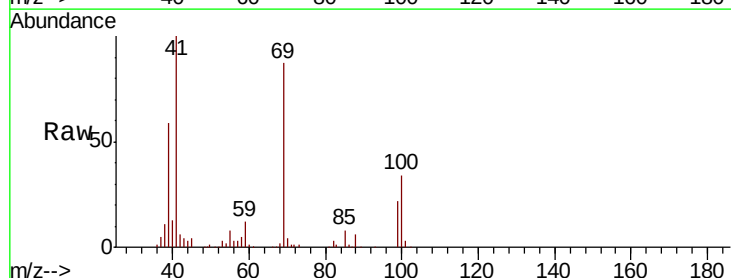
Tgt Ion: 41 Resp: 38374

Ion Ratio Lower Upper

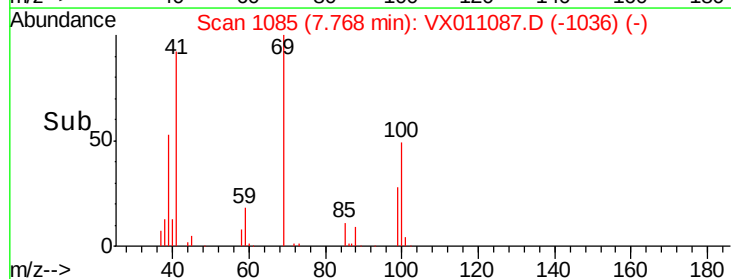
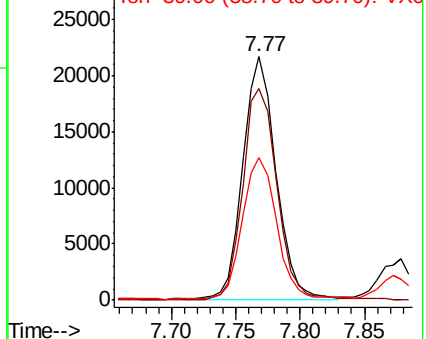
41 100

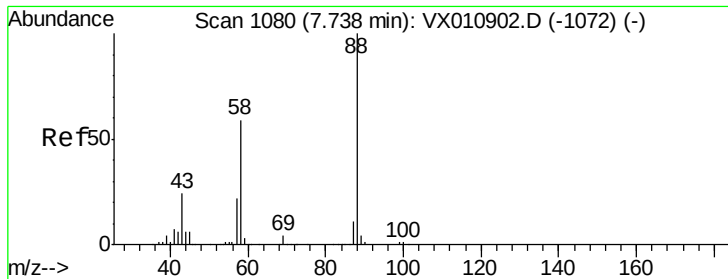
69 90.5 74.4 111.6

39 60.0 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

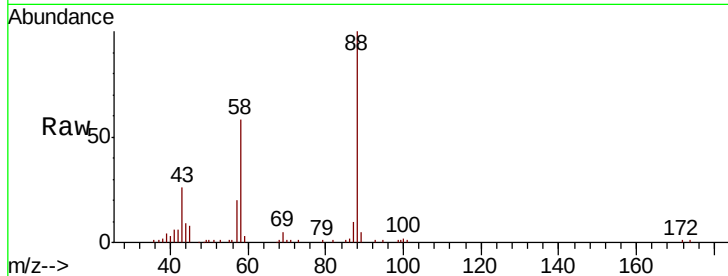




#49
 1,4-Dioxane
 Concen: 404.265 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion	88	Resp	22620
Ion	Ratio	Lower	Upper
88	100		
43	27.2	22.9	34.3
58	63.1	49.8	74.8

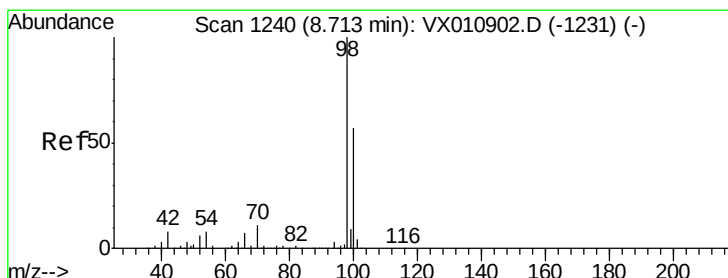
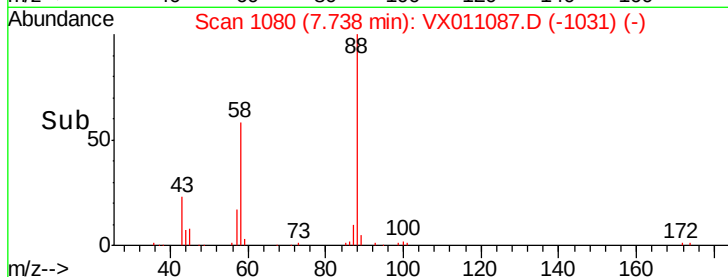
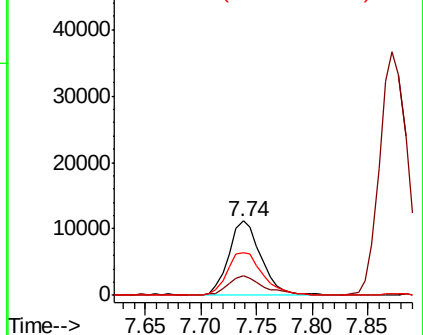


Abundance

Ion 88.00 (87.70 to 88.70): VX0

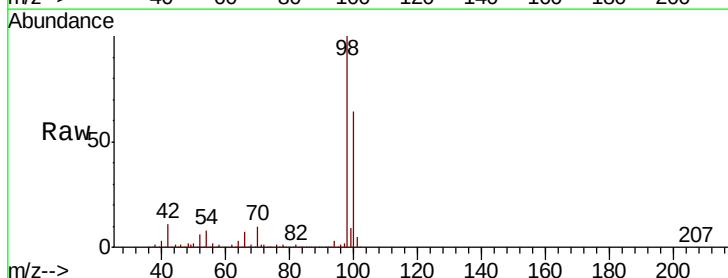
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
 Toluene-d8
 Concen: 48.996 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

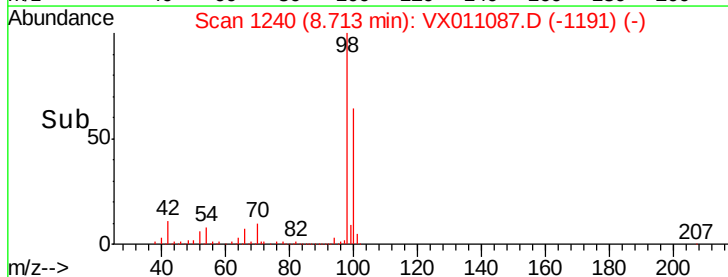
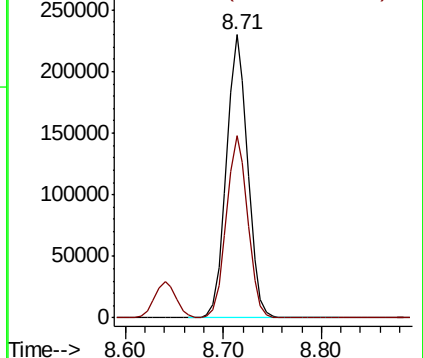
Tgt Ion	98	Resp	346304
Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.6	75.8

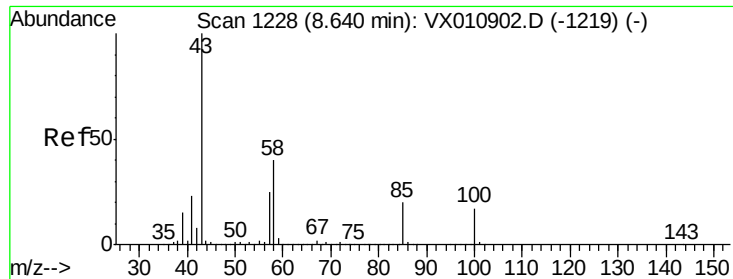


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 98.248 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

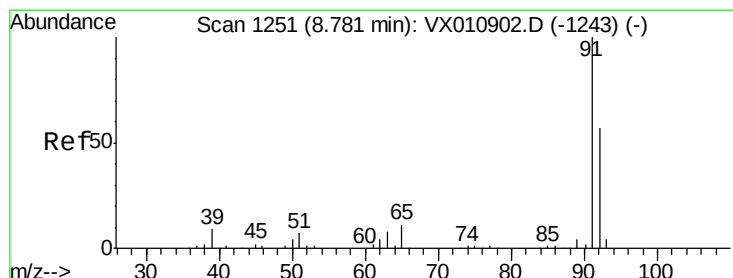
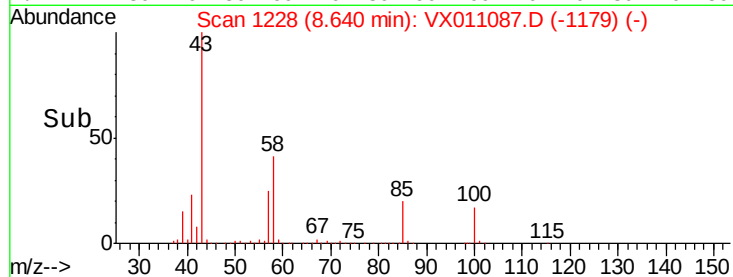
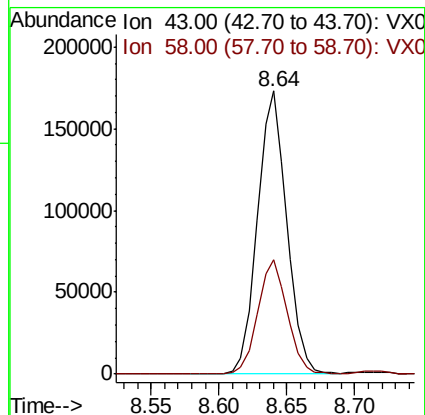
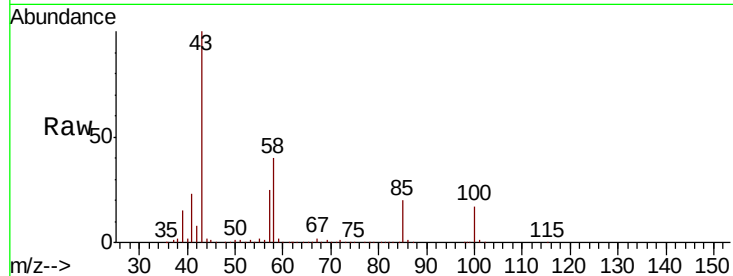
VX0726WBSD01

Tot Ion: 43 Resp: 261513

Ion Ratio Lower Upper

43 100

58 40.6 32.2 48.4



#52

Toluene

Concen: 19.193 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011087.D

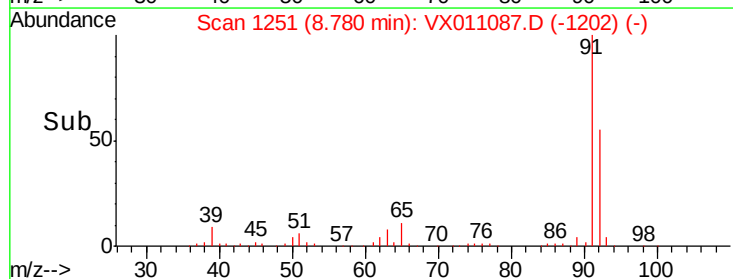
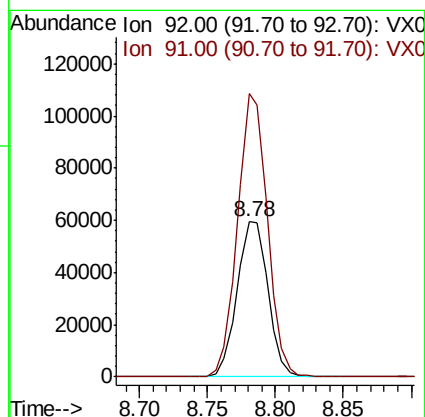
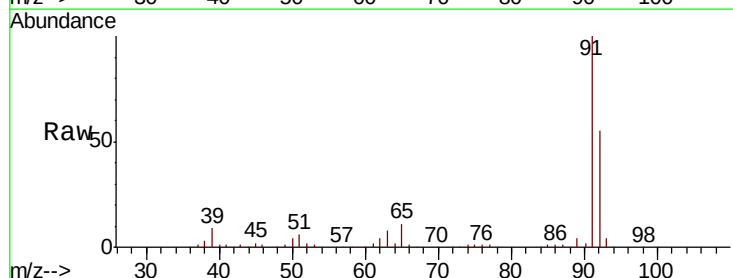
Acq: 26 Jul 2019 13:52

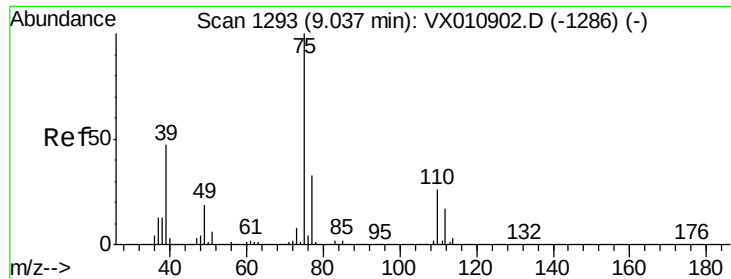
Tgt Ion: 92 Resp: 94190

Ion Ratio Lower Upper

92 100

91 176.7 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 18.839 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

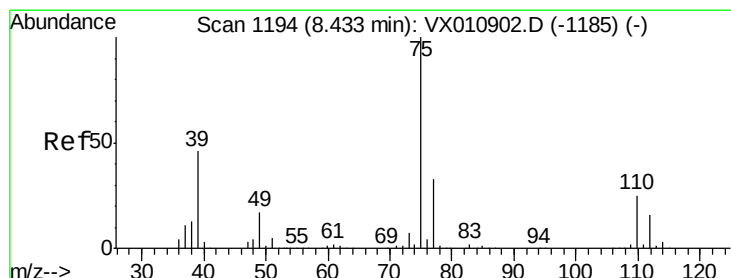
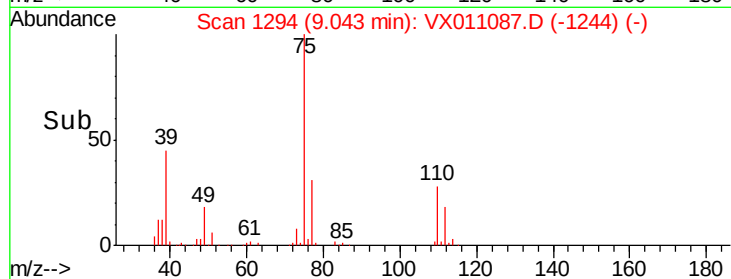
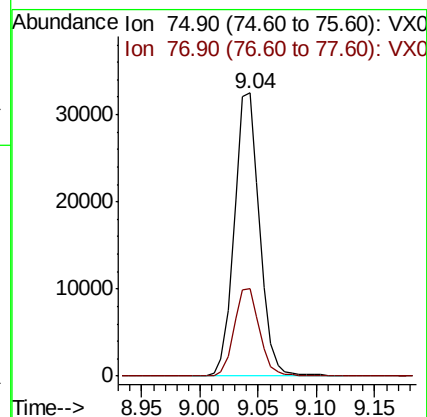
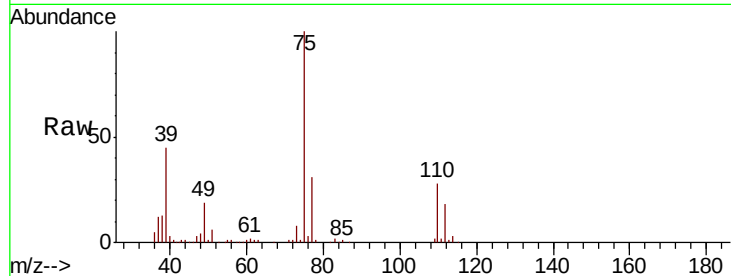
VX0726WBSD01

Tot Ion: 75 Resp: 48991

Ion Ratio Lower Upper

75 100

77 30.6 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 18.820 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

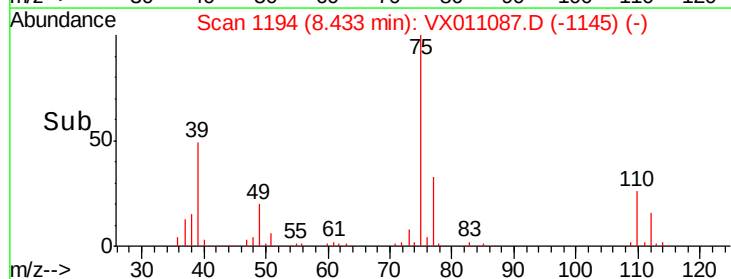
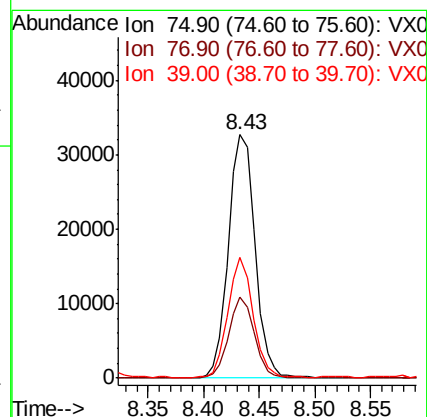
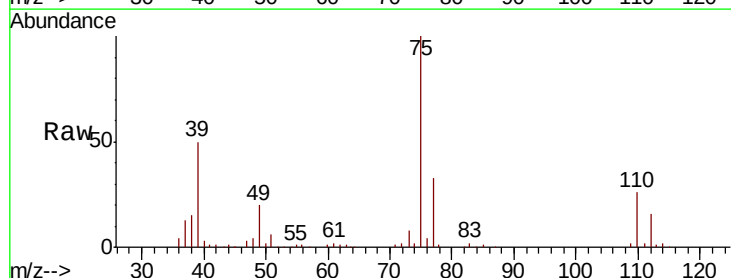
Tgt Ion: 75 Resp: 54459

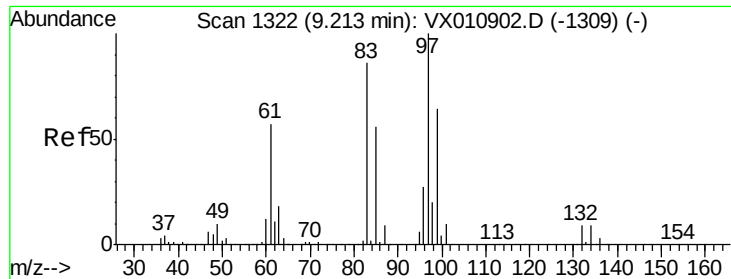
Ion Ratio Lower Upper

75 100

77 33.2 26.1 39.1

39 49.2 36.6 54.8

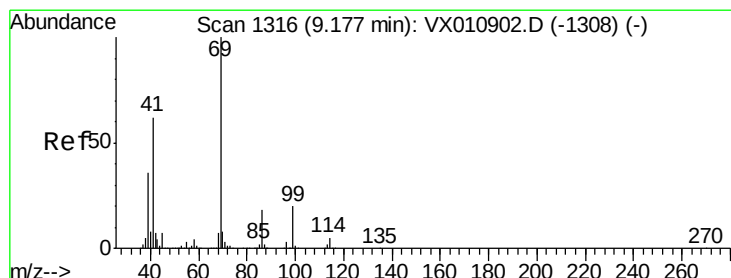
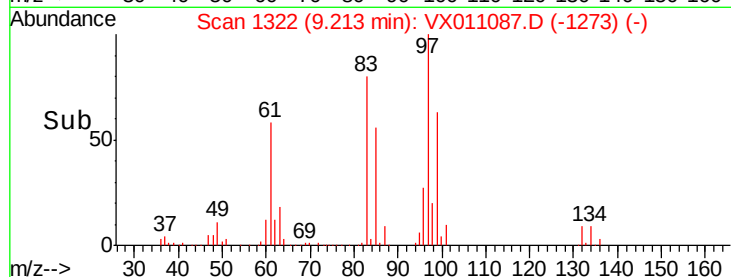
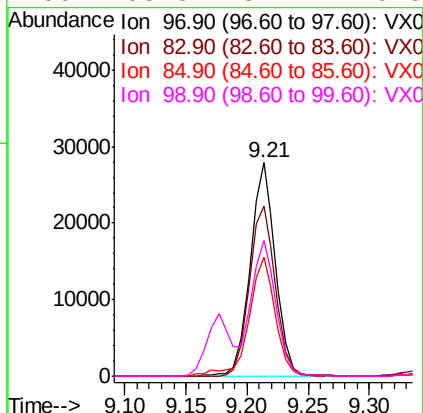
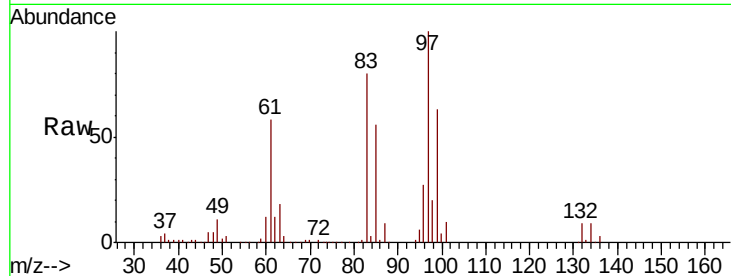




#55
 1,1,2-Trichloroethane
 Concen: 19.670 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

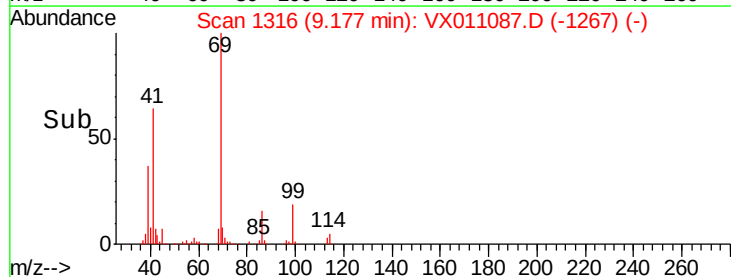
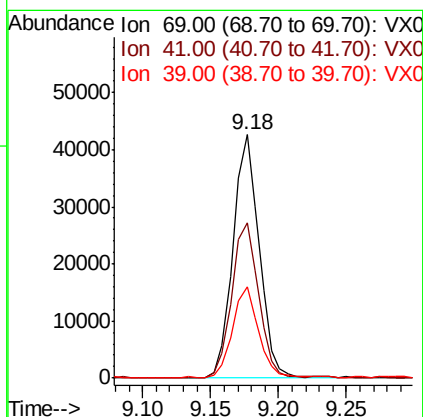
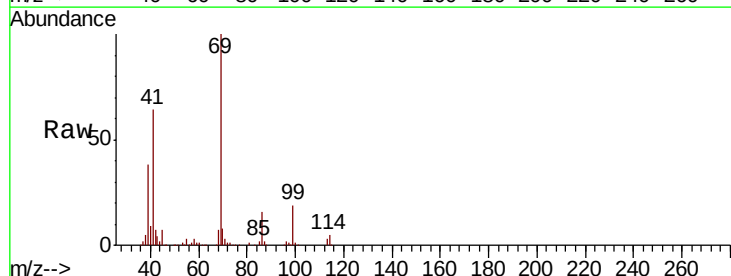
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

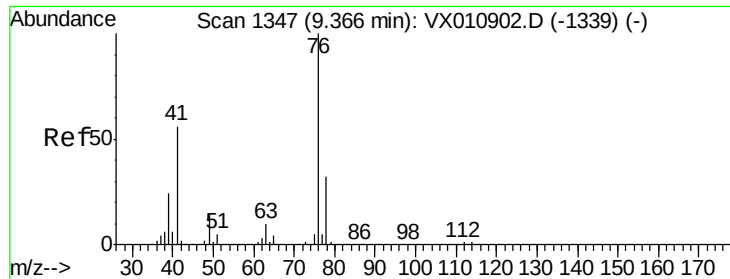
Tot Ion:	97	Resp:	39746
Ion	Ratio	Lower	Upper
97	100		
83	80.0	69.2	103.8
85	55.9	44.6	66.8
99	63.3	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 19.391 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion:	69	Resp:	57315
Ion	Ratio	Lower	Upper
69	100		
41	65.5	49.7	74.5
39	37.0	29.6	44.4





#57

1,3-Dichloropropane

Concen: 19.449 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

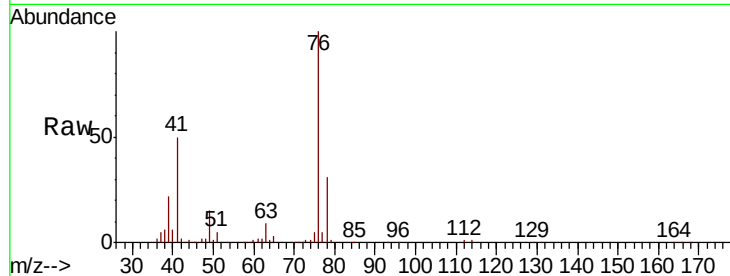
VX0726WBSD01

Tot Ion: 76 Resp: 62344

Ion Ratio Lower Upper

76 100

78 33.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

40000

30000

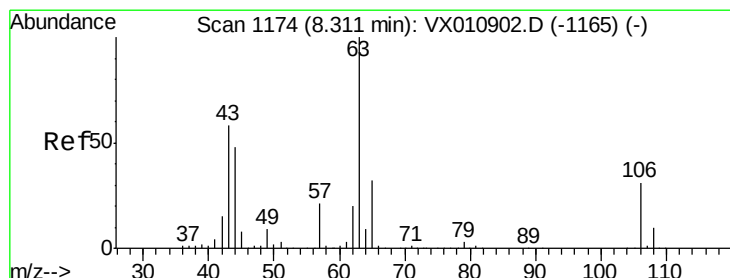
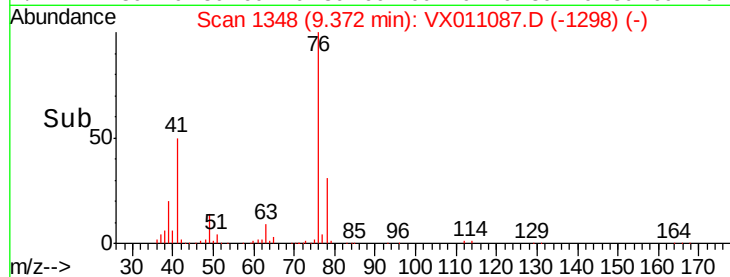
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 98.459 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011087.D

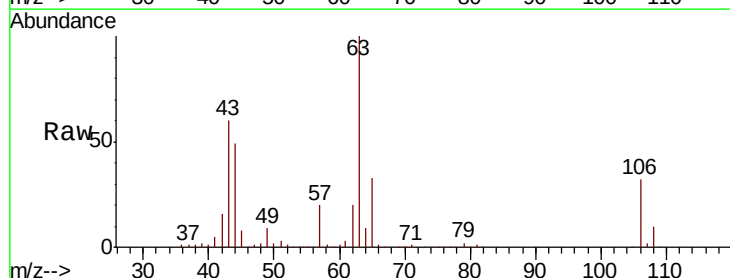
Acq: 26 Jul 2019 13:52

Tgt Ion: 63 Resp: 138920

Ion Ratio Lower Upper

63 100

106 30.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

100000

80000

60000

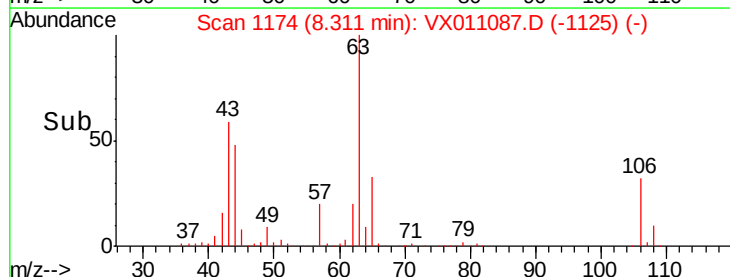
40000

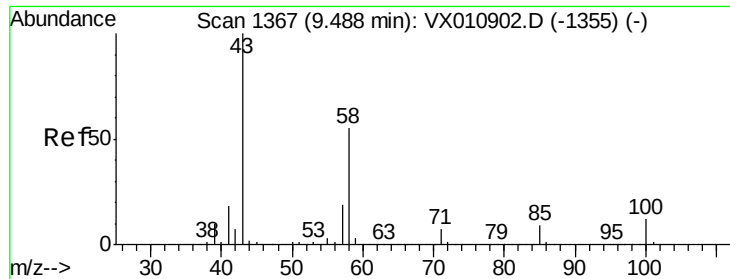
20000

0

8.20 8.25 8.30 8.35 8.40

Time-->

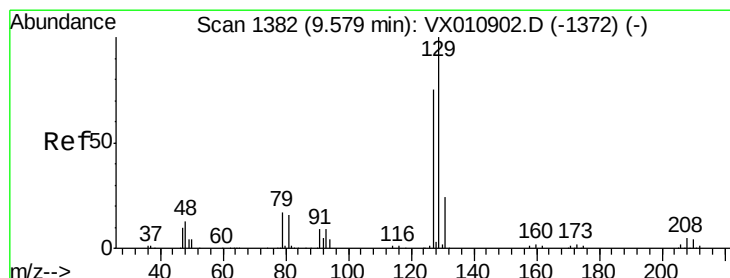
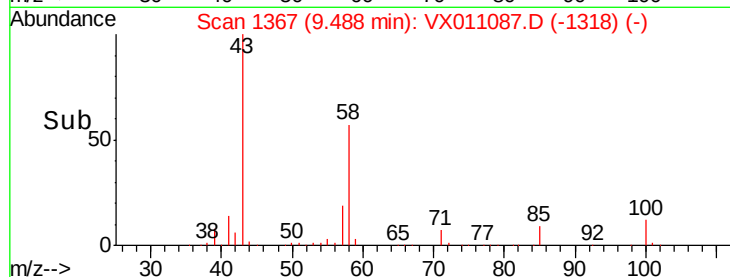
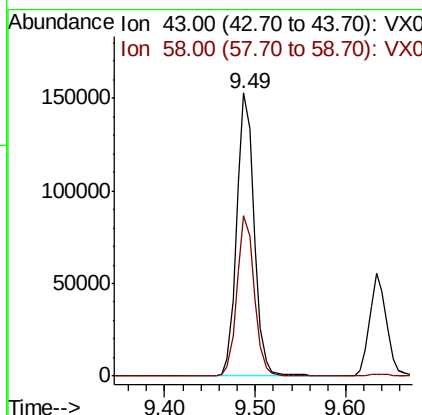
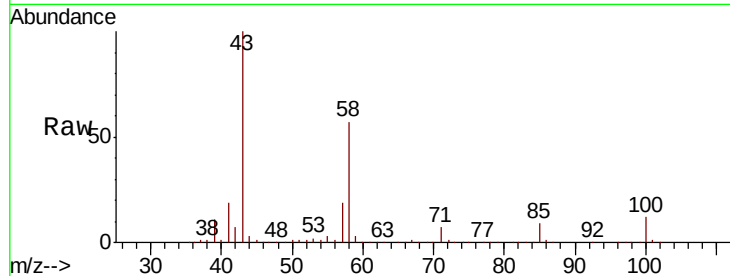




#59
 2-Hexanone
 Concen: 98.419 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

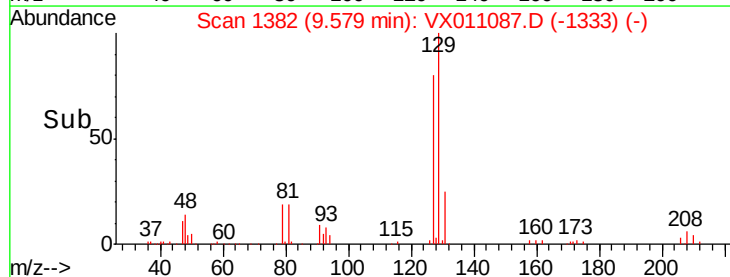
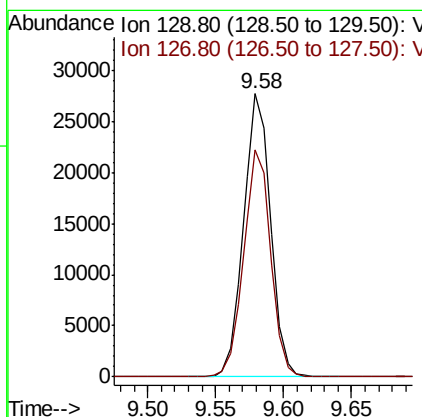
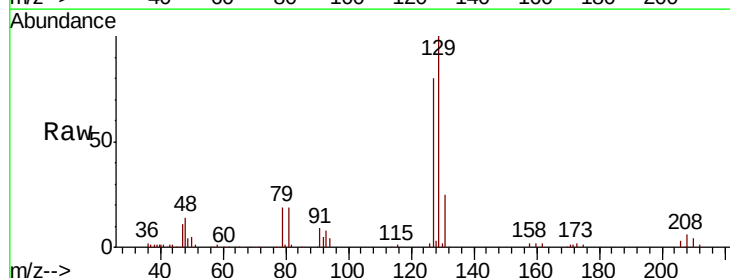
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

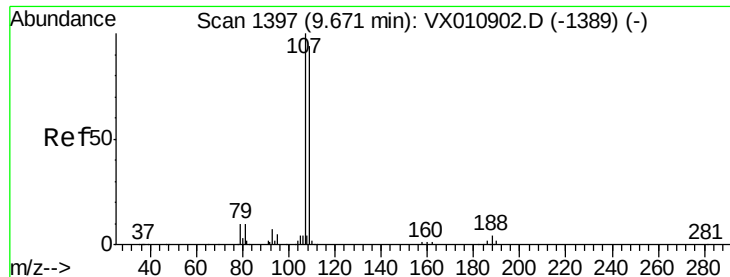
Tot Ion: 43 Resp: 203186
 Ion Ratio Lower Upper
 43 100
 58 56.4 28.0 83.9



#60
 Dibromochloromethane
 Concen: 18.226 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion:129 Resp: 38451
 Ion Ratio Lower Upper
 129 100
 127 80.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.191 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

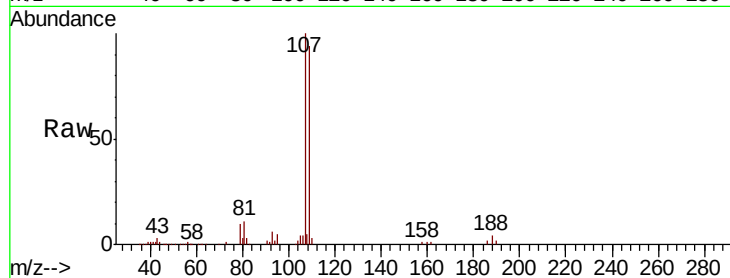
VX0726WBSD01

Tot Ion:107 Resp: 41154

Ion Ratio Lower Upper

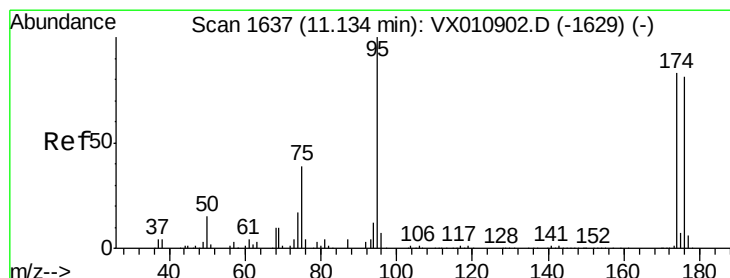
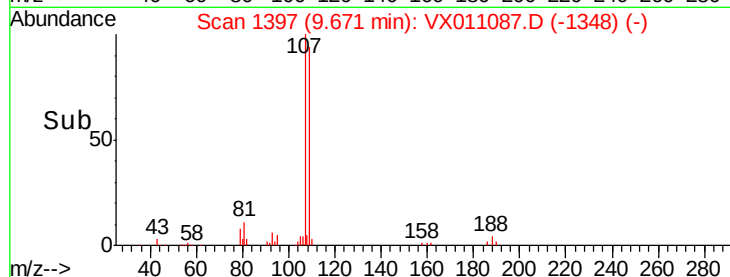
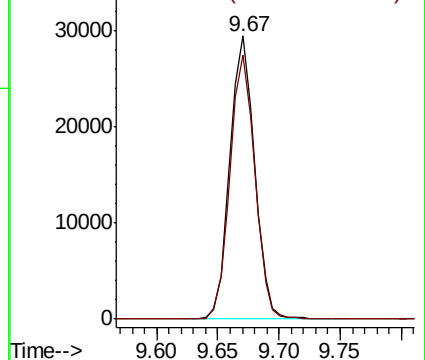
107 100

109 93.7 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: 49.431 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

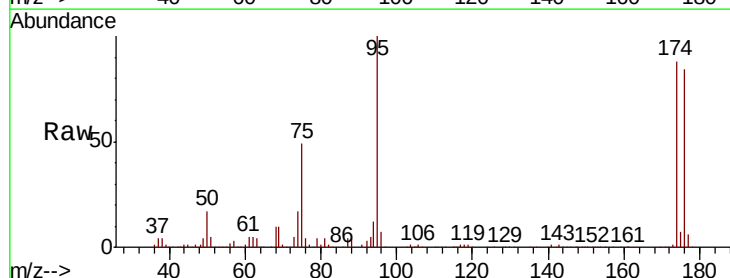
Tgt Ion: 95 Resp: 128420

Ion Ratio Lower Upper

95 100

174 91.7 0.0 180.6

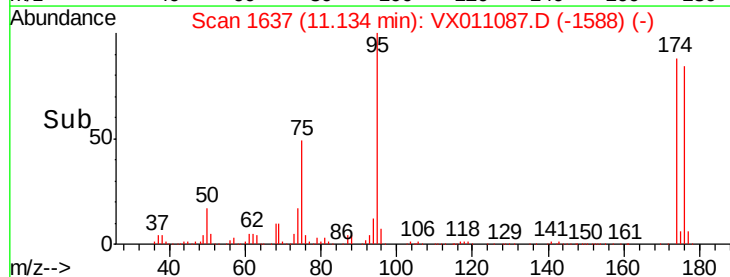
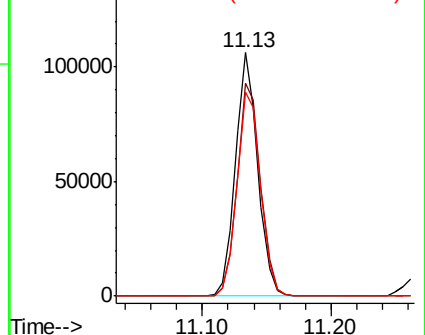
176 88.6 0.0 173.8

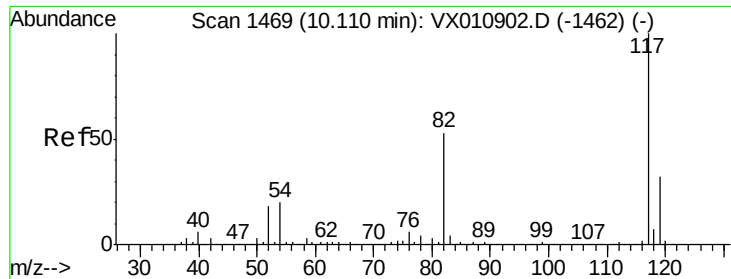


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

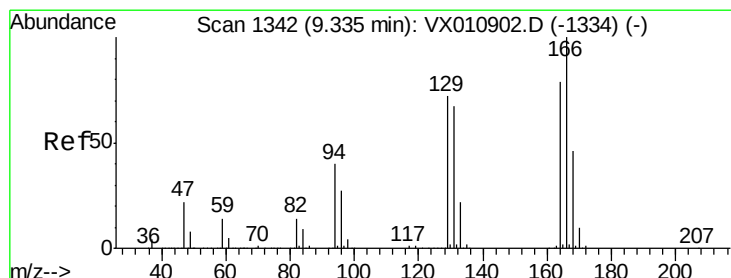
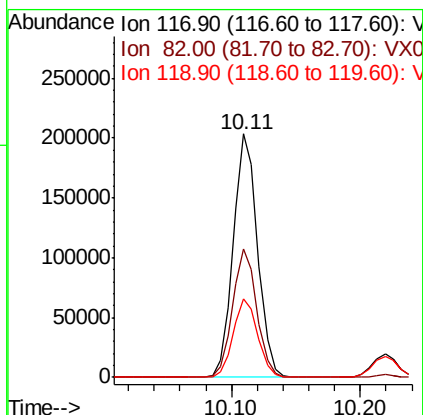
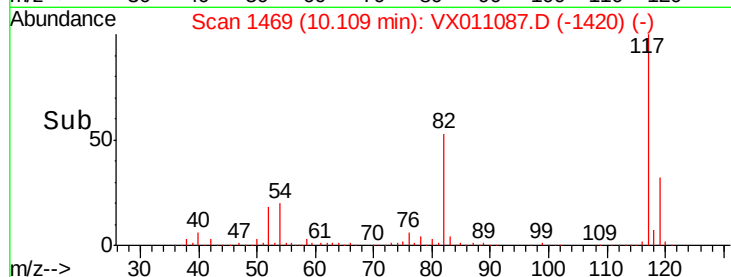
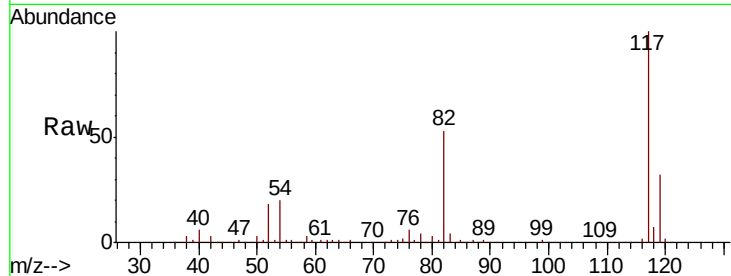




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

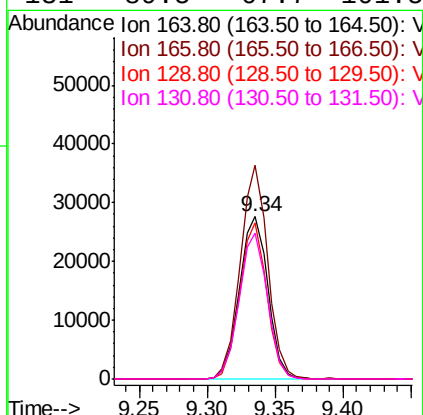
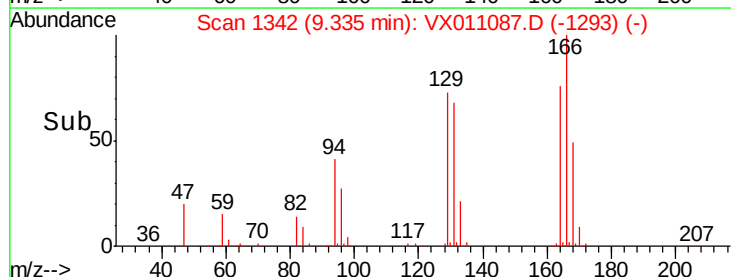
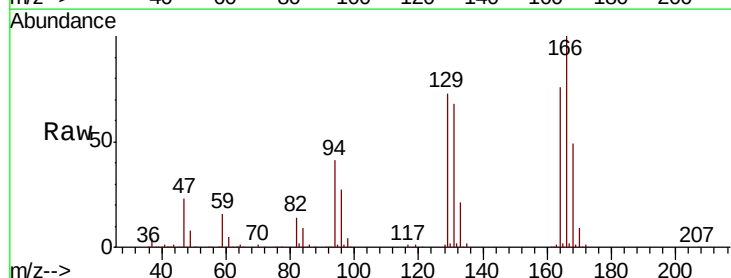
Instrument :
MSVOA_X
ClientSampled :
VX0726WBSD01

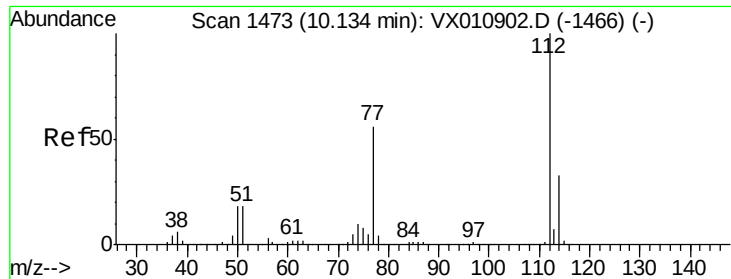
Tot Ion:117 Resp: 268418
Ion Ratio Lower Upper
117 100
82 53.0 42.6 63.8
119 32.4 25.9 38.9



#64
Tetrachloroethene
Concen: 19.203 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion:164 Resp: 40548
Ion Ratio Lower Upper
164 100
166 131.4 100.8 151.2
129 95.9 72.6 109.0
131 89.5 67.7 101.5

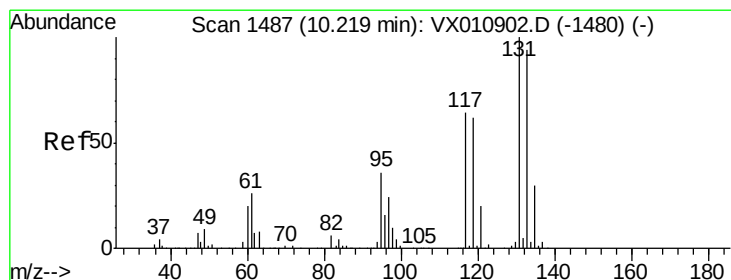
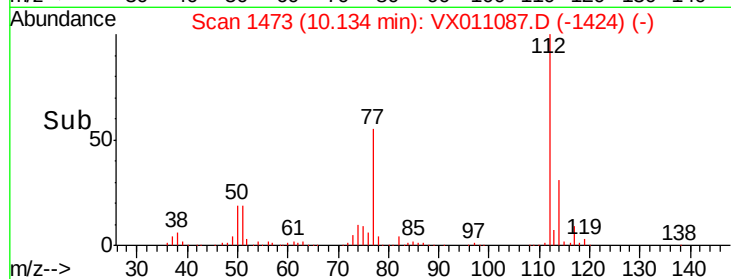
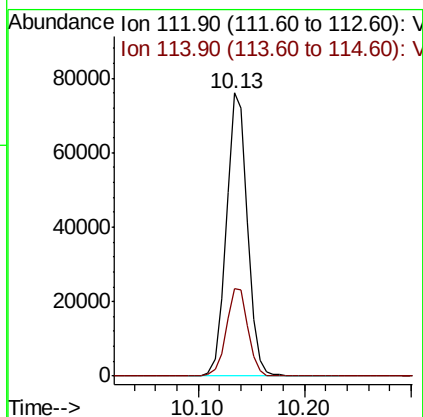
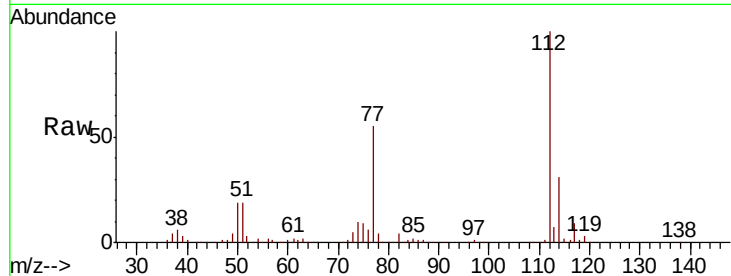




#65
Chlorobenzene
Concen: 19.046 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

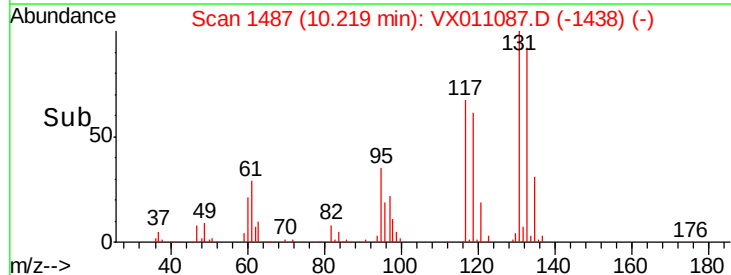
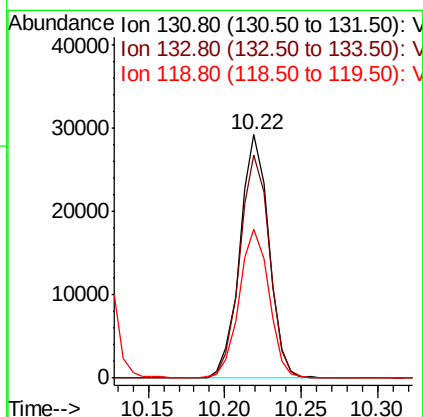
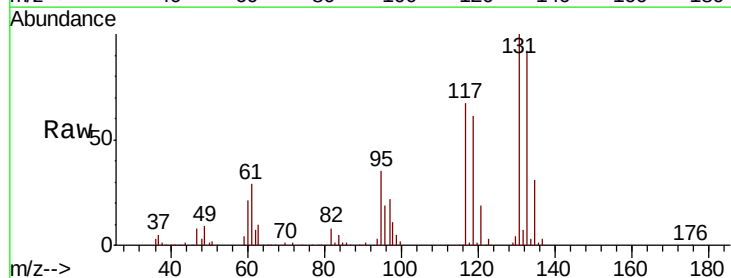
Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

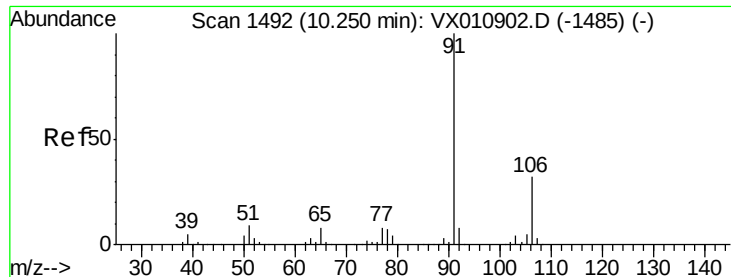
Tot Ion:112 Resp: 105002
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.867 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion:131 Resp: 38494
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.4
119 63.1 31.9 95.7





#67

Ethyl Benzene

Concen: 19.547 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

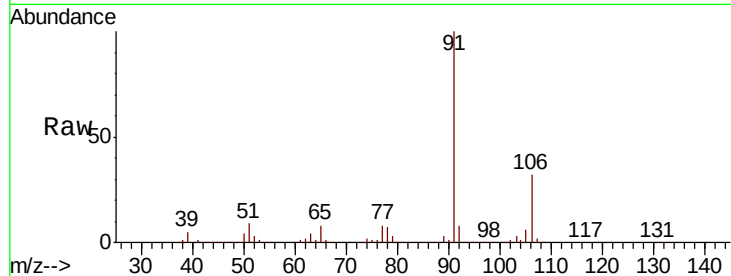
VX0726WBSD01

Tot Ion: 91 Resp: 183425

Ion Ratio Lower Upper

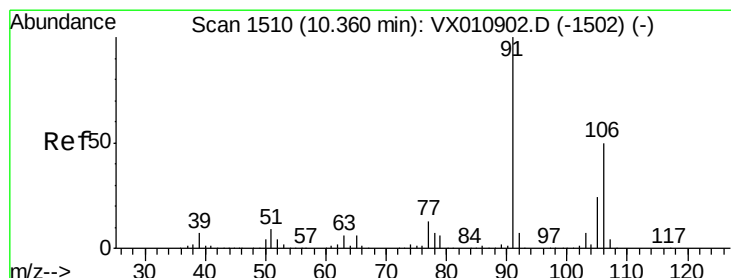
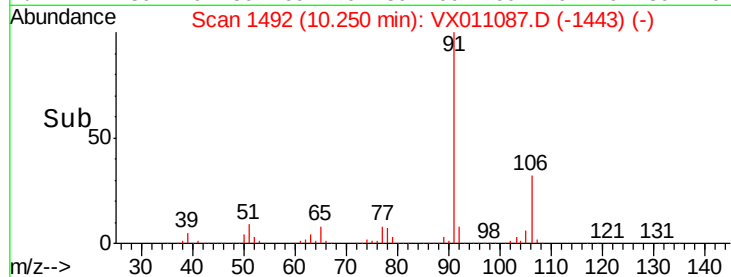
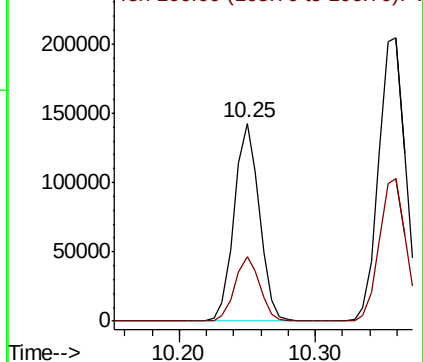
91 100

106 32.5 25.4 38.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.069 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011087.D

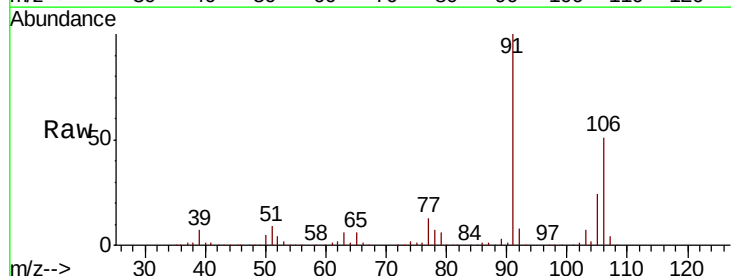
Acq: 26 Jul 2019 13:52

Tgt Ion: 106 Resp: 140633

Ion Ratio Lower Upper

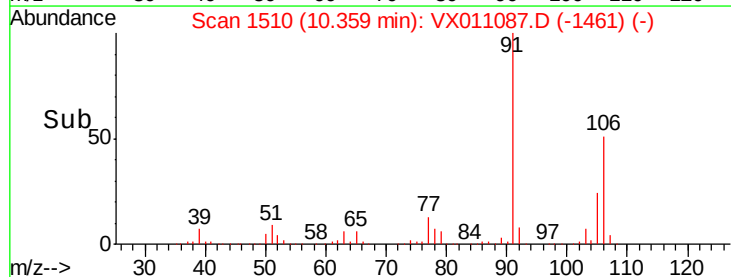
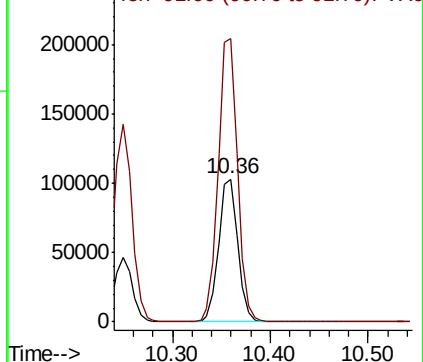
106 100

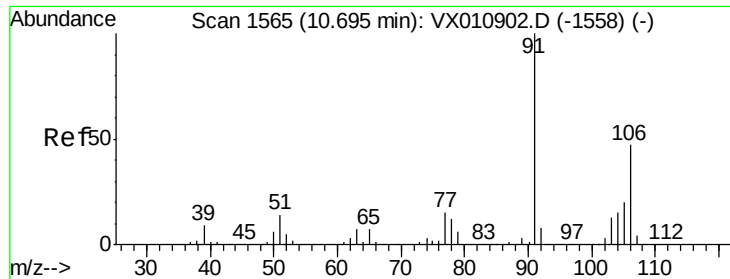
91 199.3 160.1 240.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

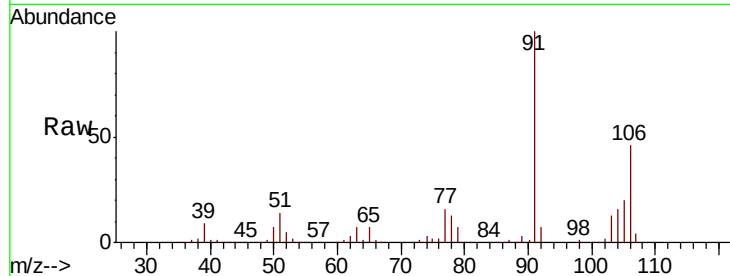




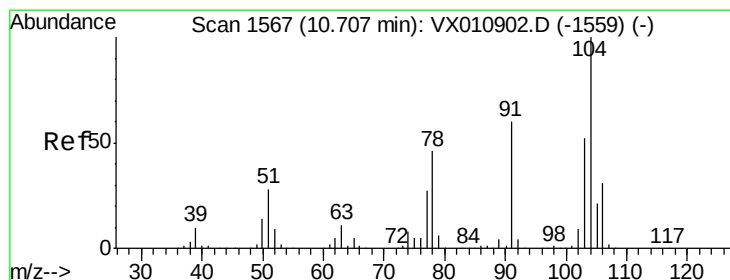
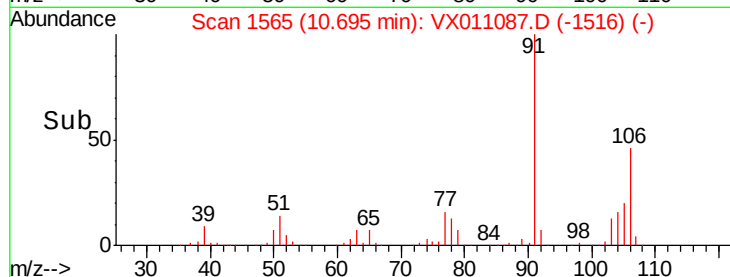
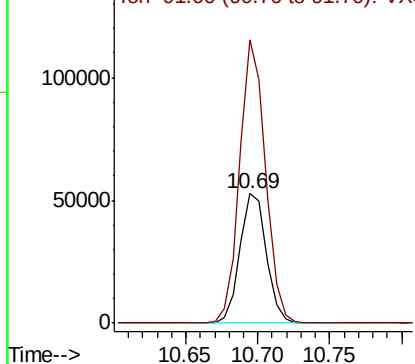
#69
o-Xylene
Concen: 19.287 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampled :
VX0726WBSD01

Tot Ion:106 Resp: 67757
Ion Ratio Lower Upper
106 100
91 212.1 105.1 315.3

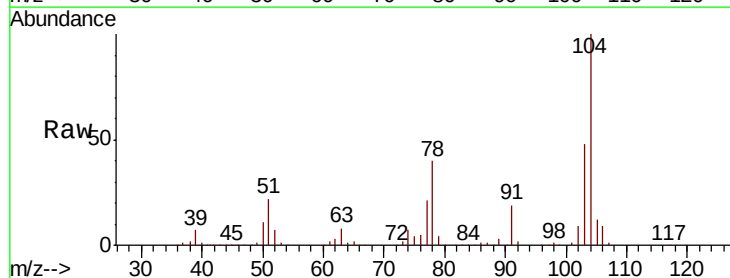


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

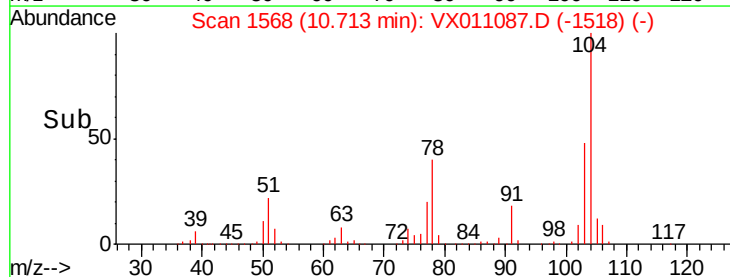
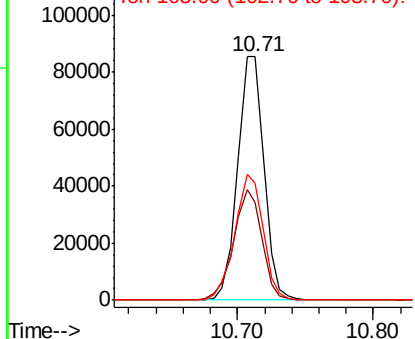


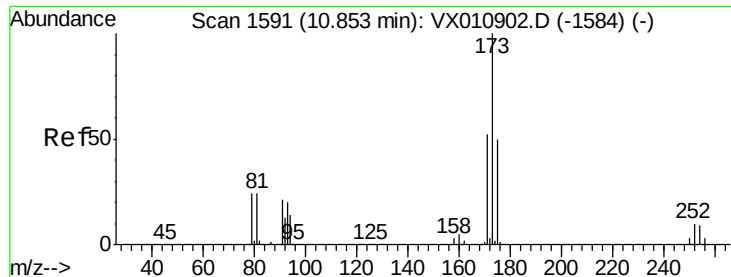
#70
Styrene
Concen: 19.710 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion:104 Resp: 115427
Ion Ratio Lower Upper
104 100
78 48.9 38.8 58.2
103 55.4 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: 17.755 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

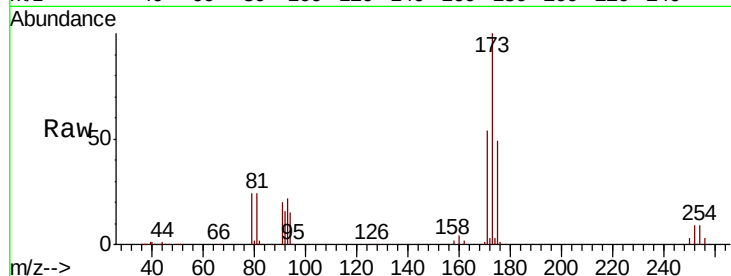
Tot Ion:173 Resp: 28268

Ion Ratio Lower Upper

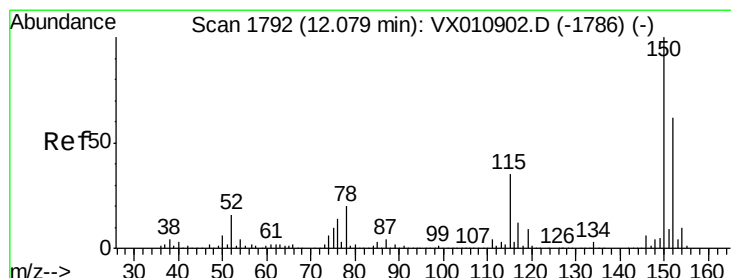
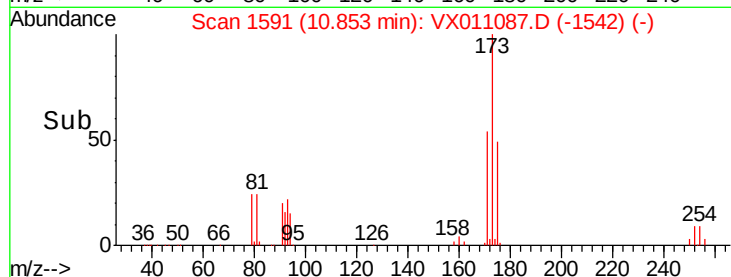
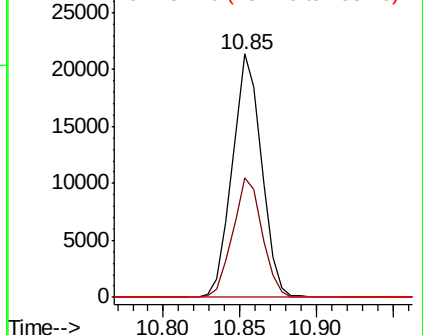
173 100

175 49.2 24.6 73.6

254 0.1 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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

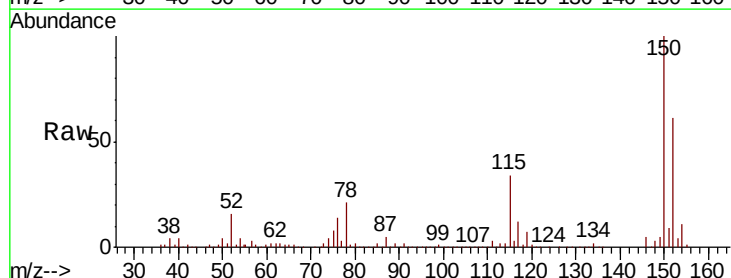
Tgt Ion:152 Resp: 142515

Ion Ratio Lower Upper

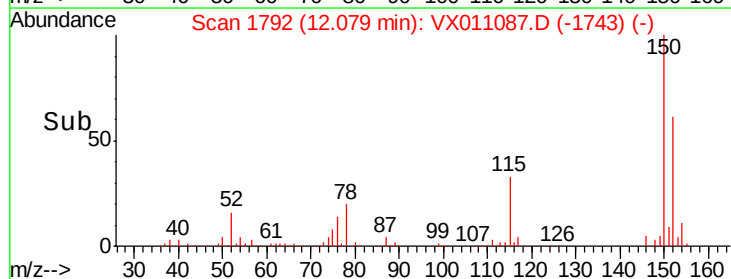
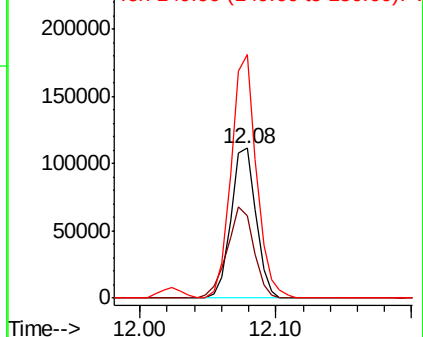
152 100

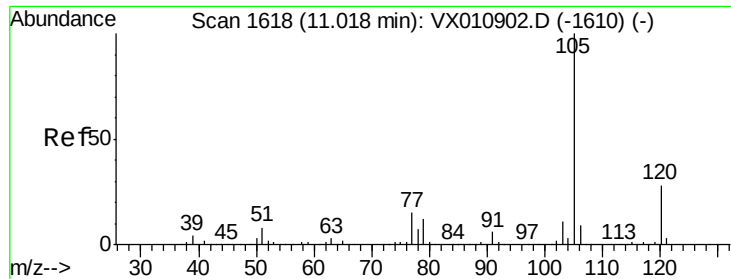
115 65.1 39.7 119.1

150 163.5 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: 19.079 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

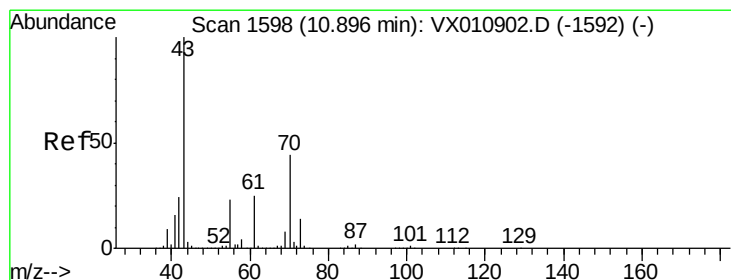
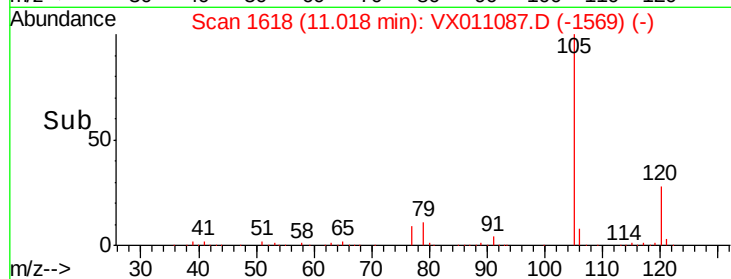
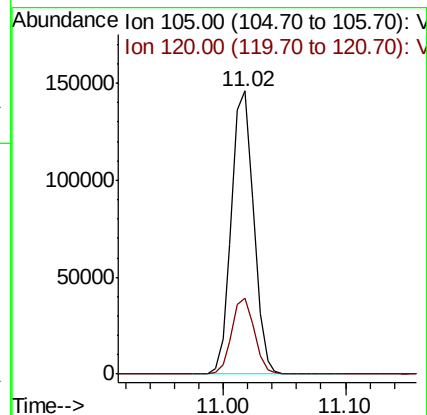
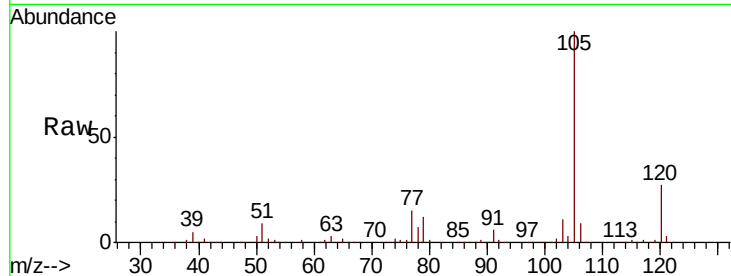
VX0726WBSD01

Tot Ion:105 Resp: 183729

Ion Ratio Lower Upper

105 100

120 27.1 13.7 41.1



#74

N-ethyl acetate

Concen: 18.920 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Tgt Ion: 43 Resp: 69615

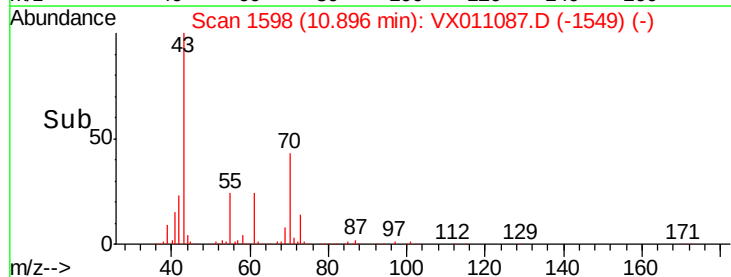
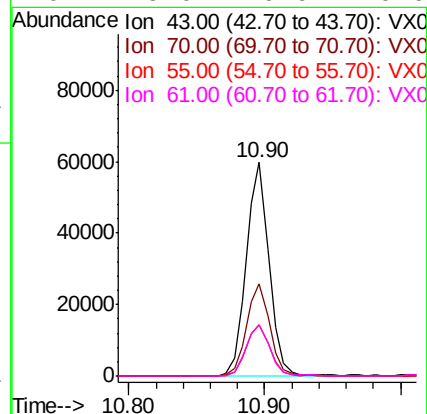
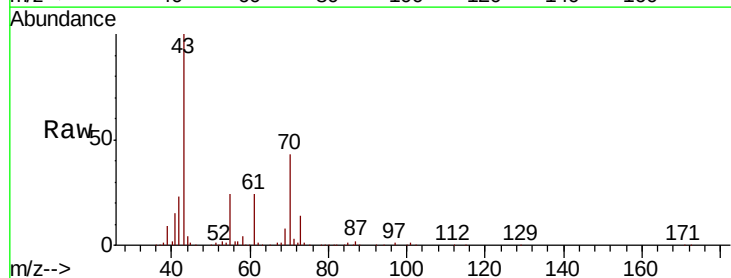
Ion Ratio Lower Upper

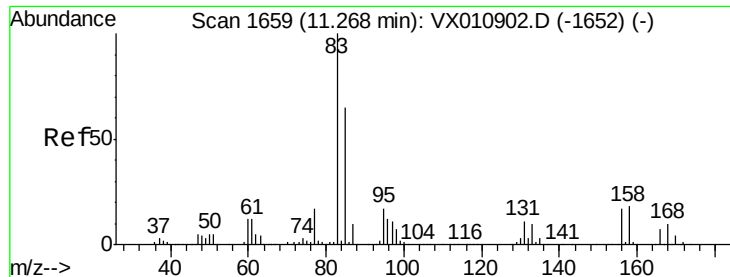
43 100

70 44.4 34.7 52.1

55 25.1 19.1 28.7

61 25.0 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.265 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

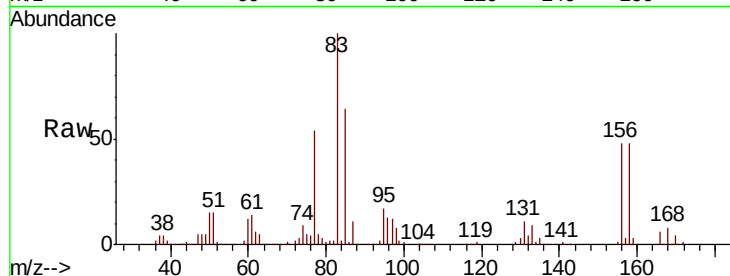
Tot Ion: 83 Resp: 60710

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

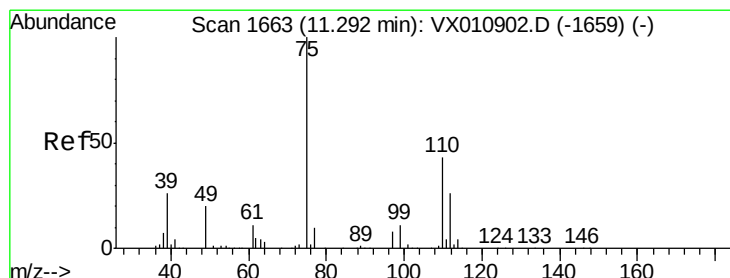
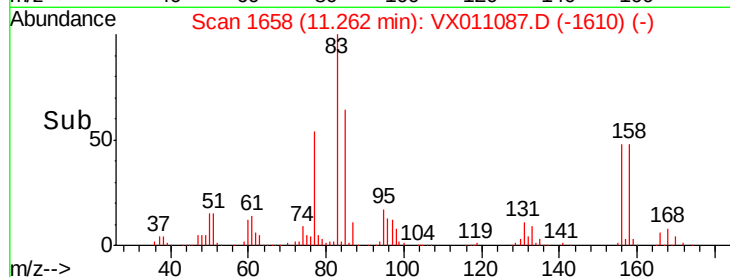
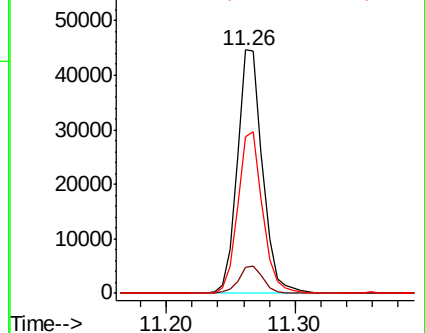
85 65.5 32.3 96.9



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: 24.780 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011087.D

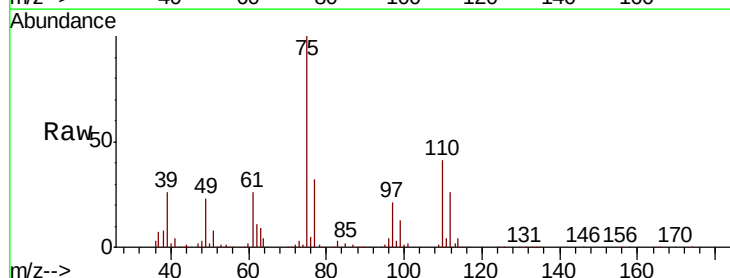
Acq: 26 Jul 2019 13:52

Tgt Ion: 75 Resp: 63727

Ion Ratio Lower Upper

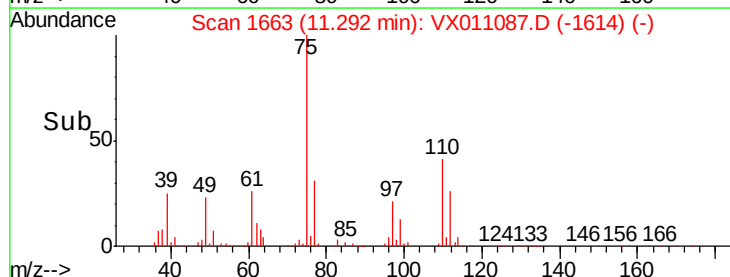
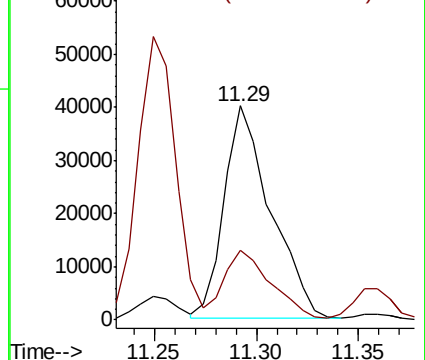
75 100

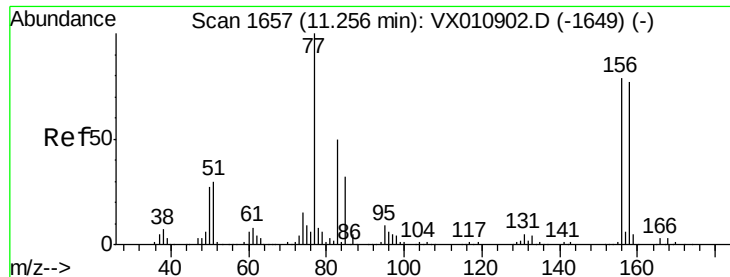
77 33.1 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.684 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampled :

VX0726WBSD01

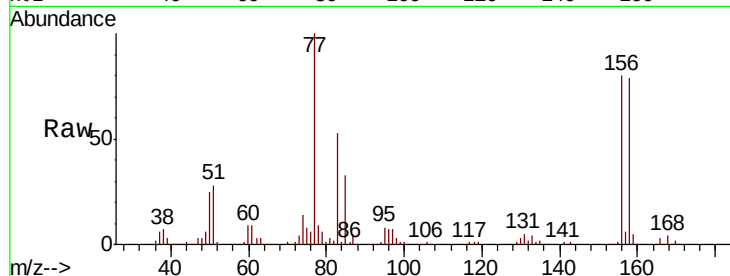
Tot Ion:156 Resp: 49629

Ion Ratio Lower Upper

156 100

77 138.7 68.7 206.1

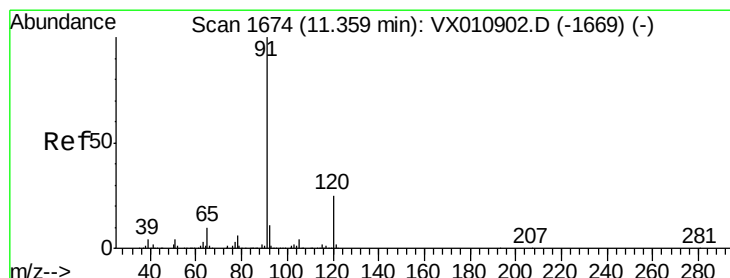
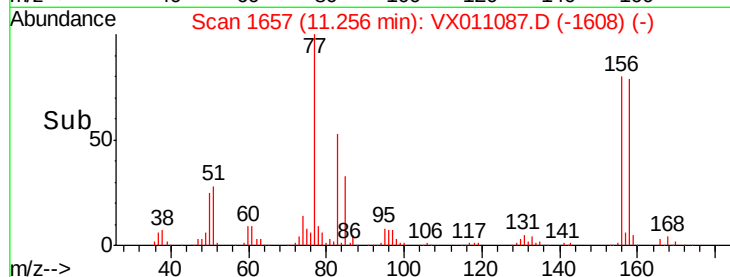
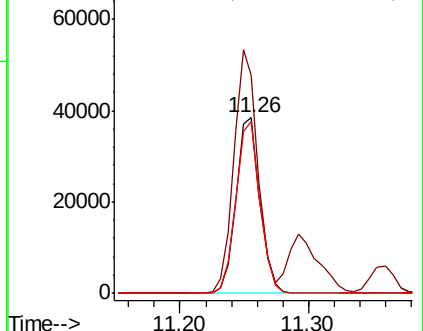
158 98.2 47.9 143.7



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: 19.208 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011087.D

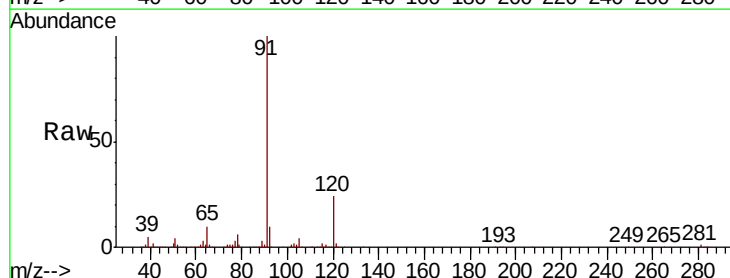
Acq: 26 Jul 2019 13:52

Tgt Ion: 91 Resp: 204372

Ion Ratio Lower Upper

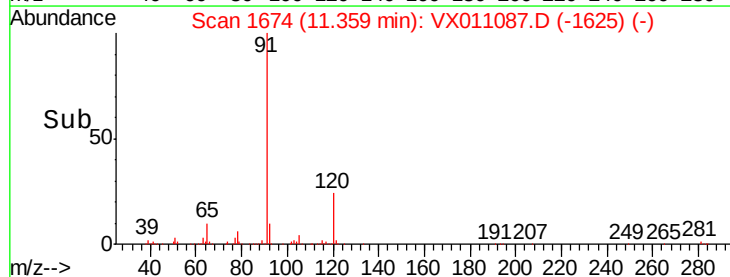
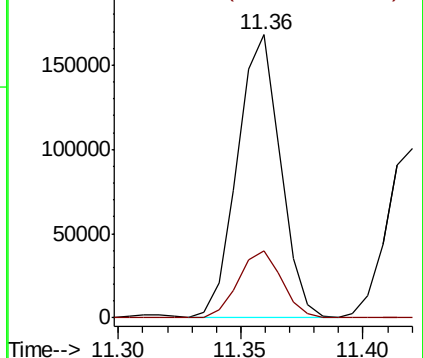
91 100

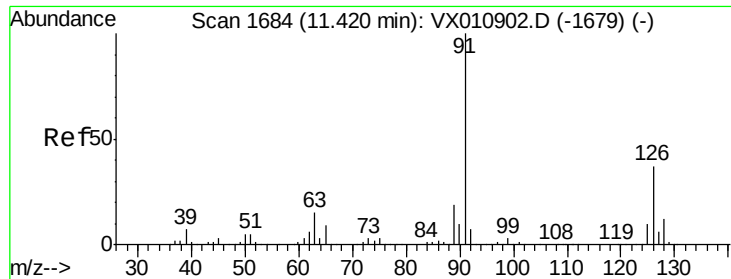
120 24.1 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

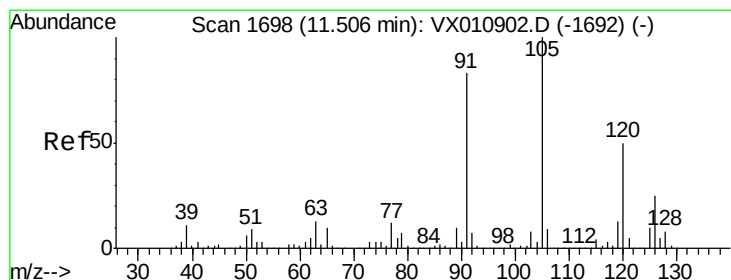
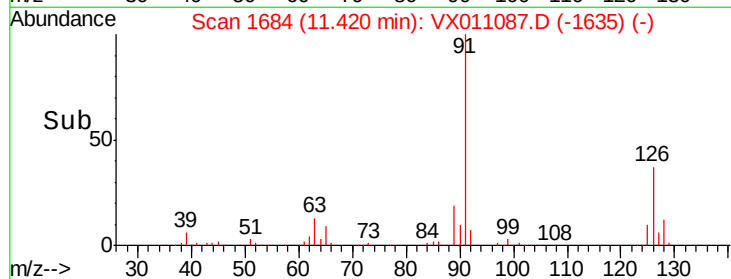
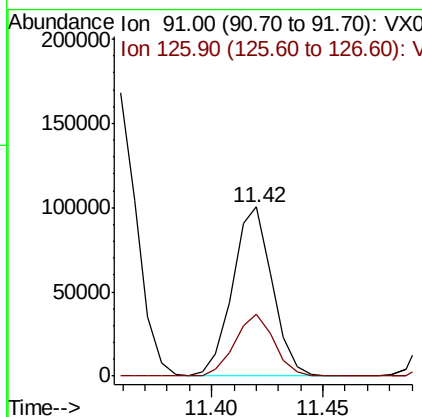
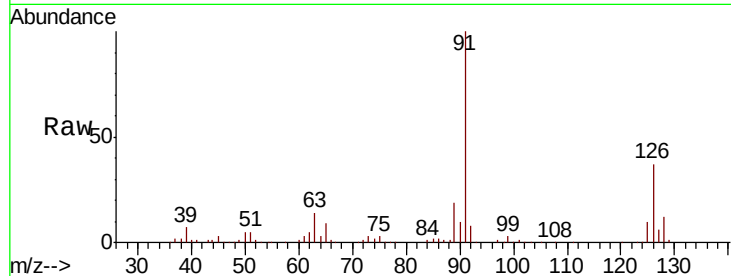




#79
 2-Chlorotoluene
 Concen: 19.306 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

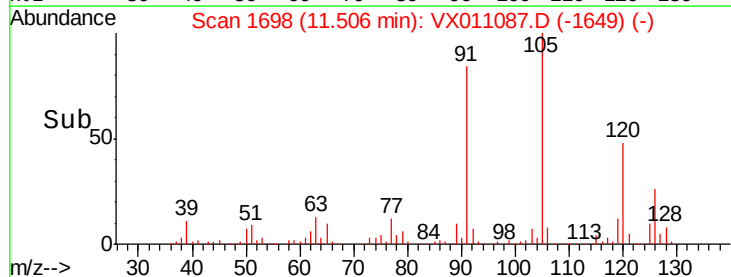
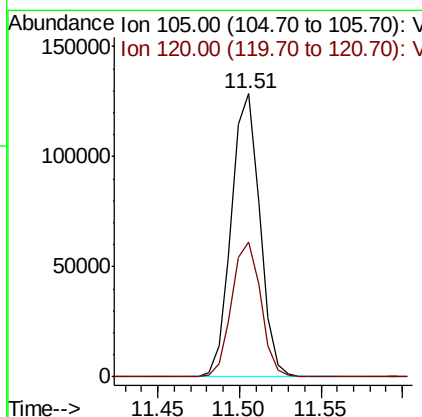
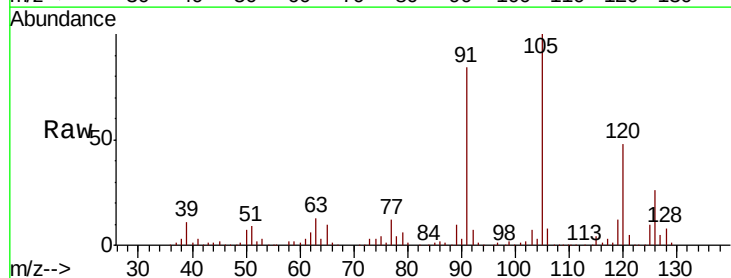
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

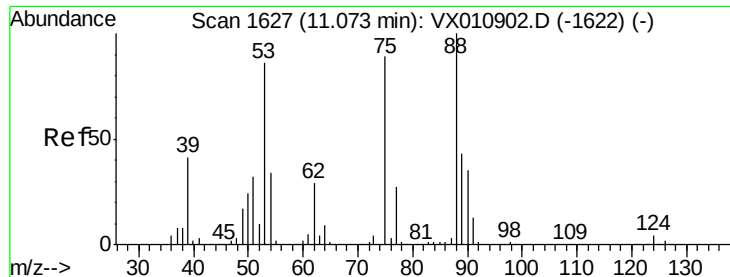
Tot Ion: 91 Resp: 123396
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.389 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion: 105 Resp: 156017
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.812 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampled :

VX0726WBSD01

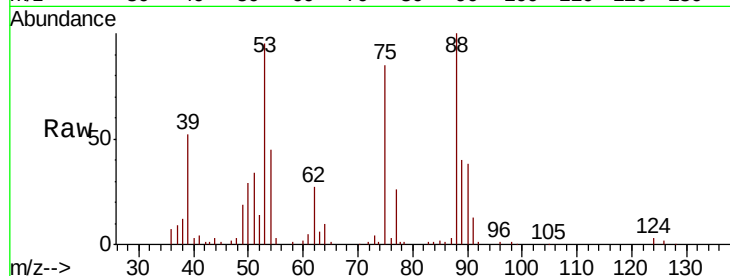
Tot Ion: 75 Resp: 15255

Ion Ratio Lower Upper

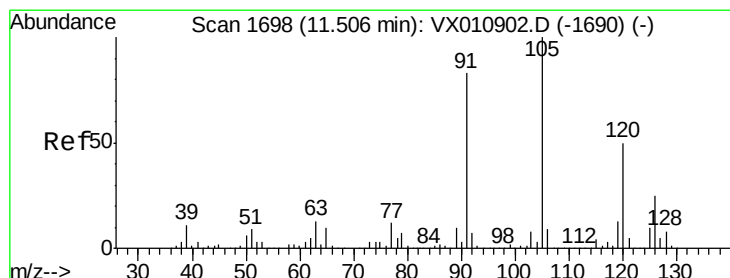
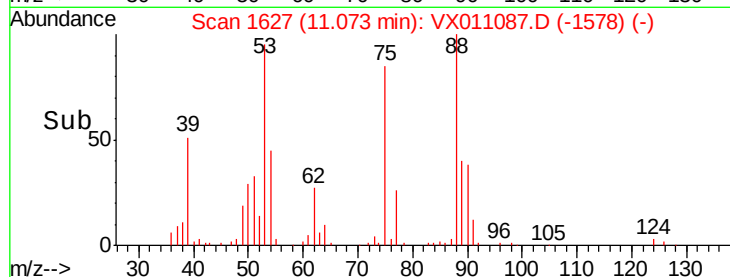
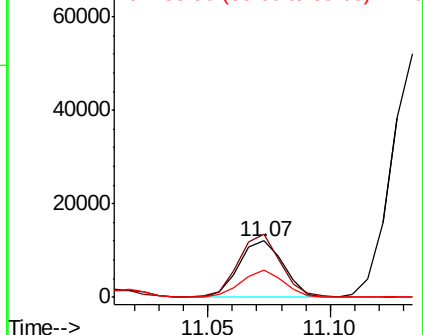
75 100

53 106.5 76.7 115.1

89 46.4 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: 19.068 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011087.D

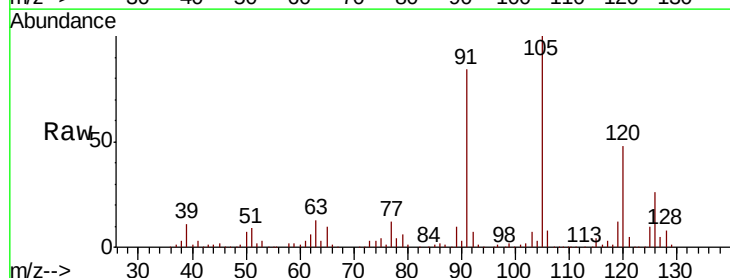
Acq: 26 Jul 2019 13:52

Tgt Ion: 91 Resp: 141849

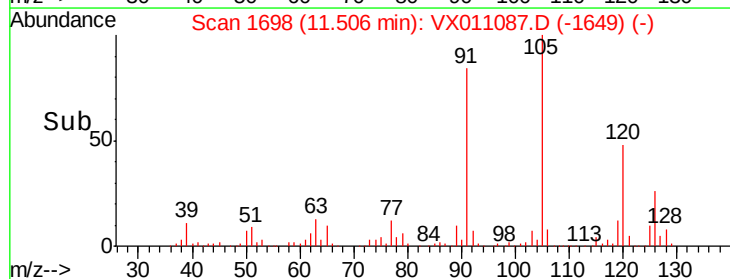
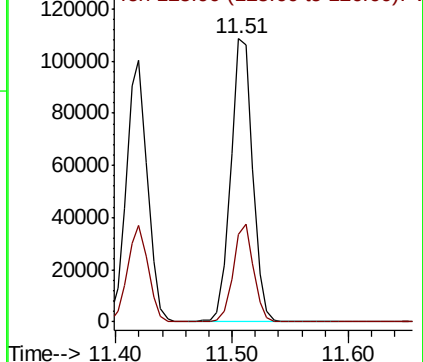
Ion Ratio Lower Upper

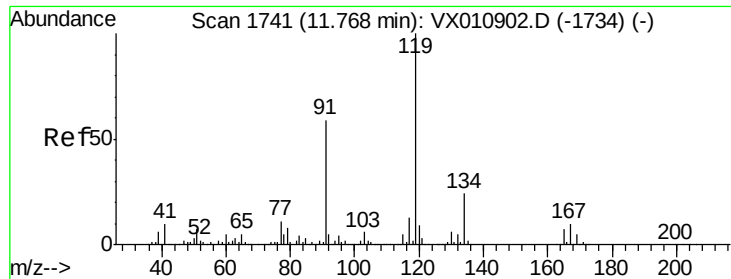
91 100

126 32.2 15.9 47.7



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

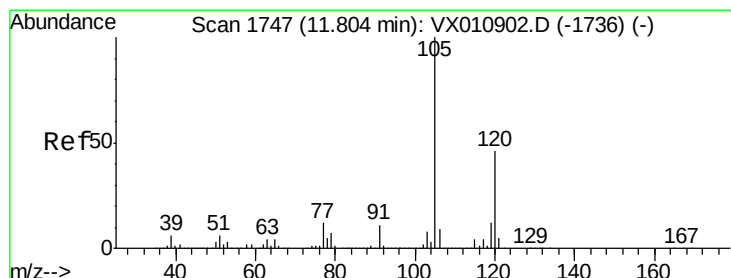
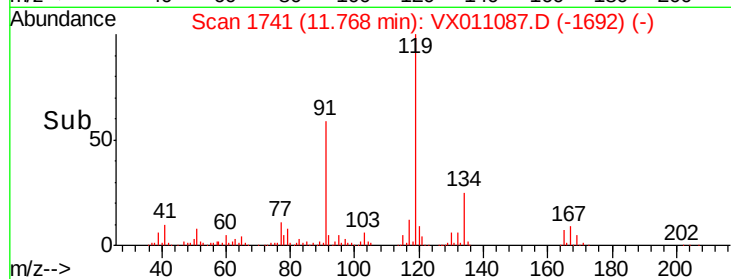
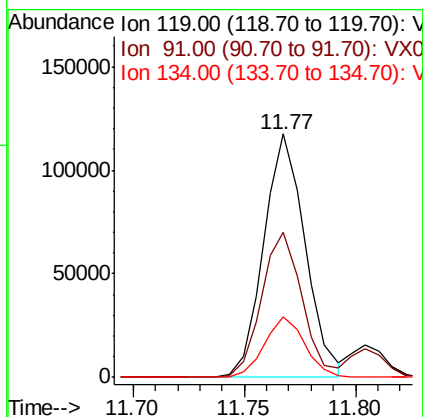
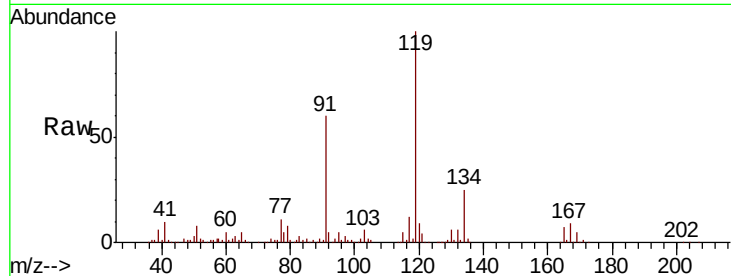




#83
 tert-Butylbenzene
 Concen: 19.251 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

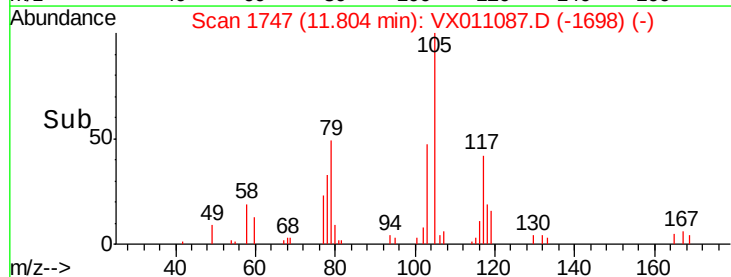
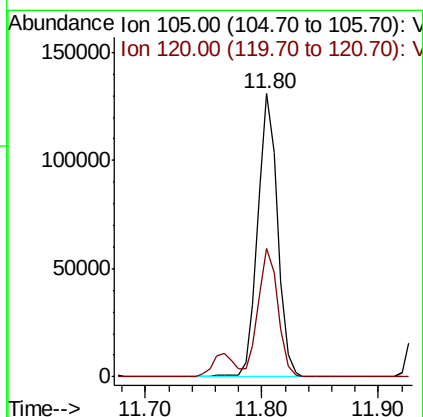
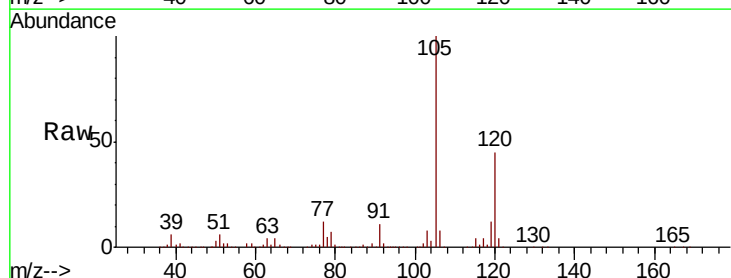
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0726WBSD01

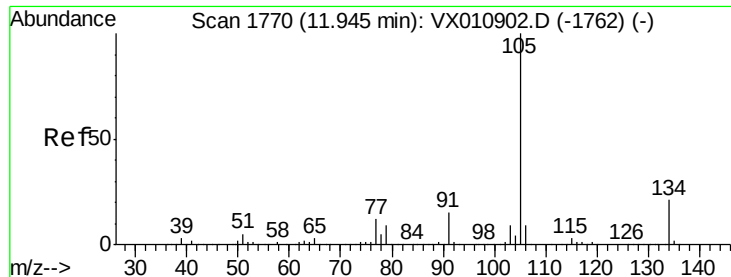
Tot Ion:119 Resp: 152153
 Ion Ratio Lower Upper
 119 100
 91 58.5 28.6 85.8
 134 24.1 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.235 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion:105 Resp: 156000
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.5





#85

sec-Butylbenzene

Concen: 19.862 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

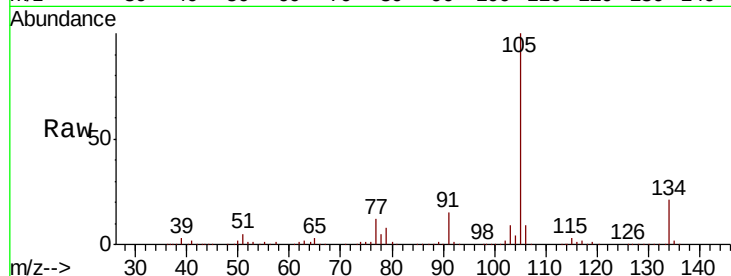
VX0726WBSD01

Tot Ion:105 Resp: 183948

Ion Ratio Lower Upper

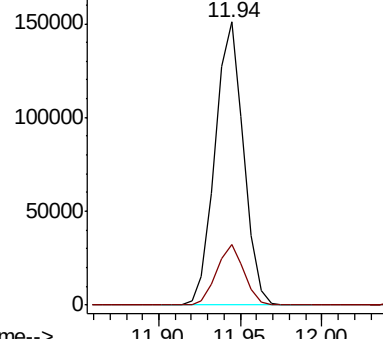
105 100

134 20.7 10.4 31.4

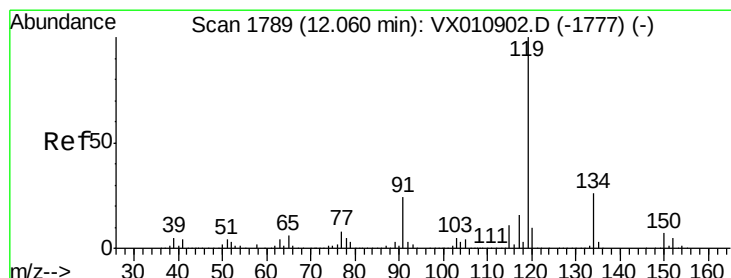
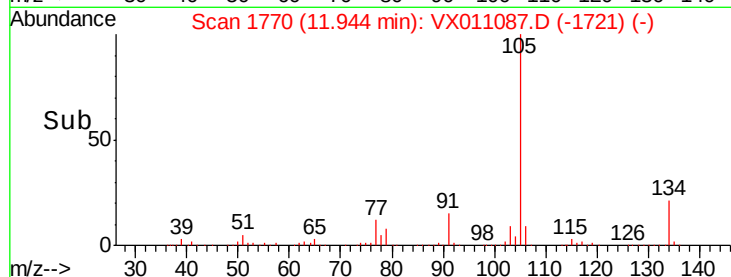


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 19.450 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

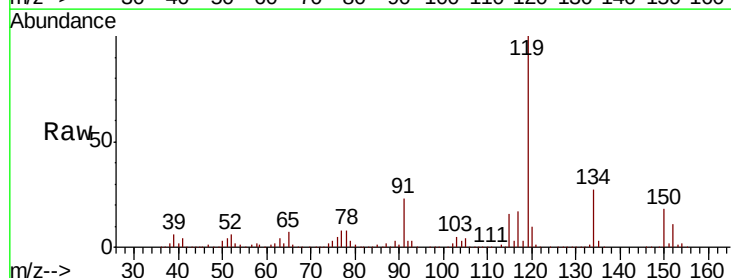
Tgt Ion:119 Resp: 166528

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

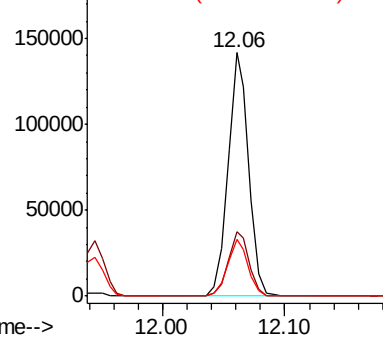
91 23.5 11.8 35.4



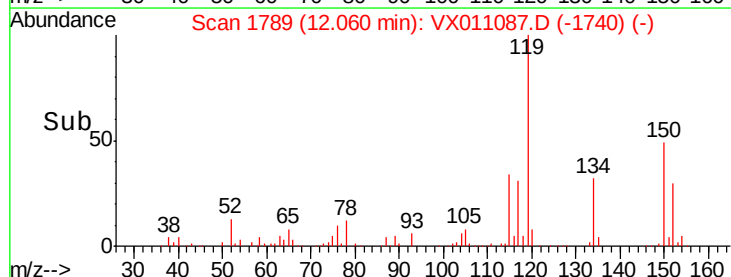
Abundance Ion 119.00 (118.70 to 119.70): V

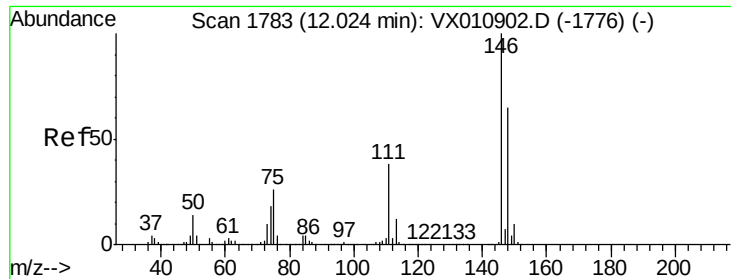
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#87

1,3-Dichlorobenzene

Concen: 19.550 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

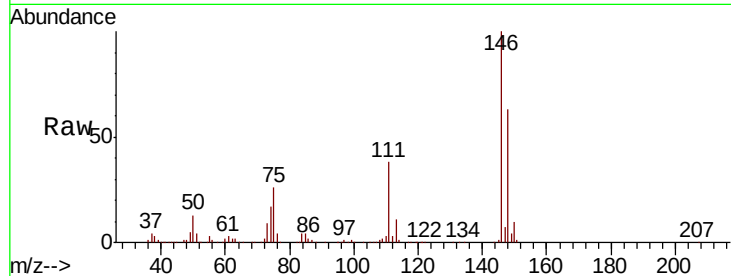
Tot Ion:146 Resp: 90119

Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.9

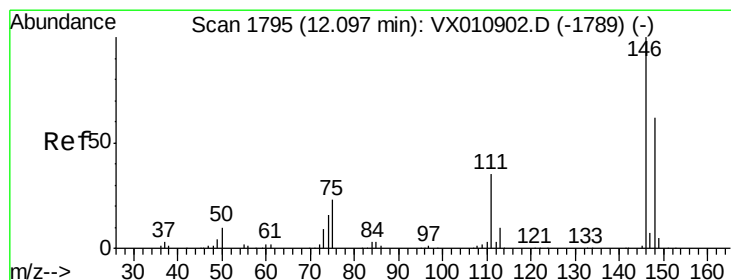
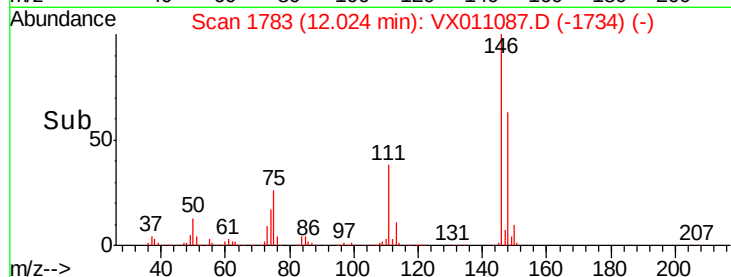
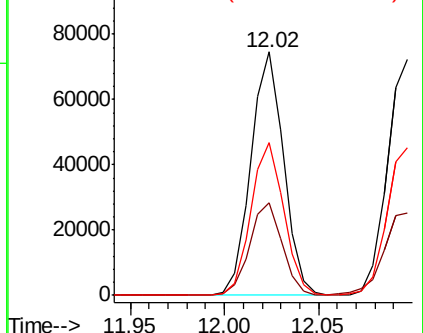
148 62.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.764 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

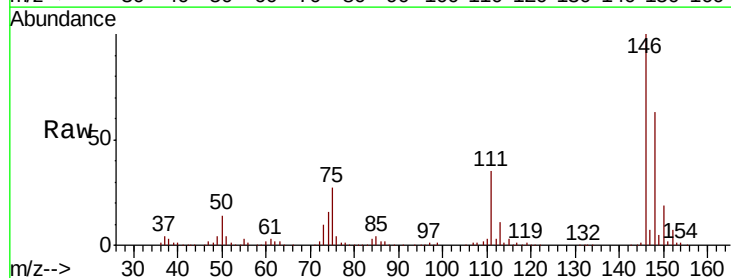
Tgt Ion:146 Resp: 88710

Ion Ratio Lower Upper

146 100

111 38.5 18.6 55.8

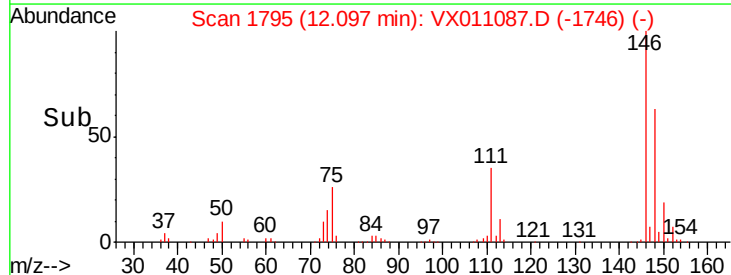
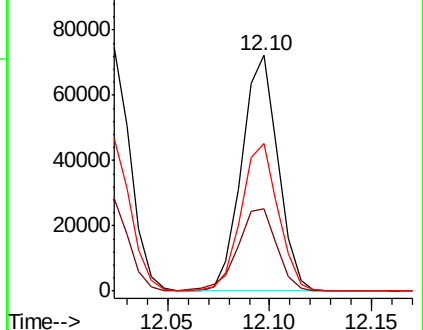
148 64.4 31.6 94.7

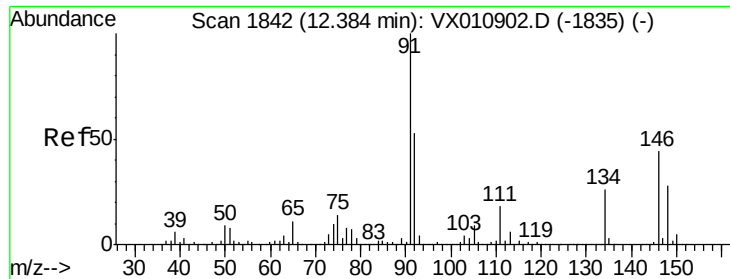


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.129 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX011087.D

Acq: 26 Jul 2019 13:52

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD01

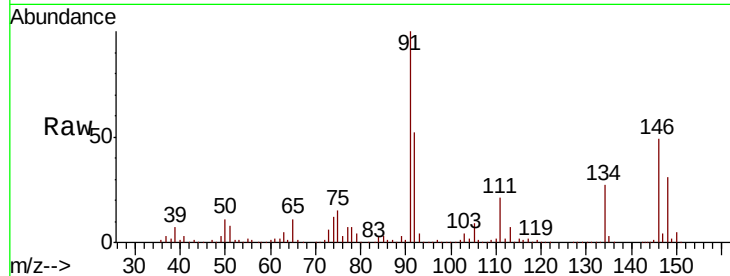
Tot Ion: 91 Resp: 140117

Ion Ratio Lower Upper

91 100

92 52.1 26.2 78.5

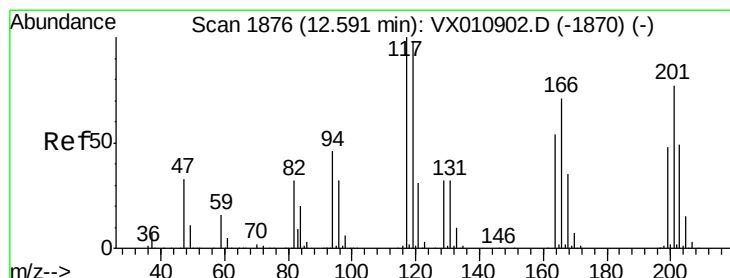
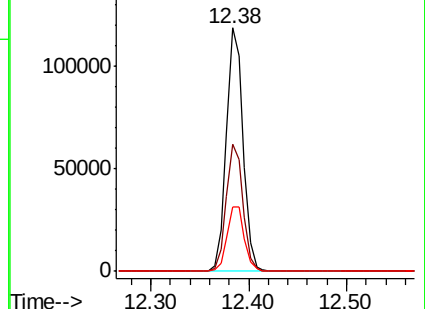
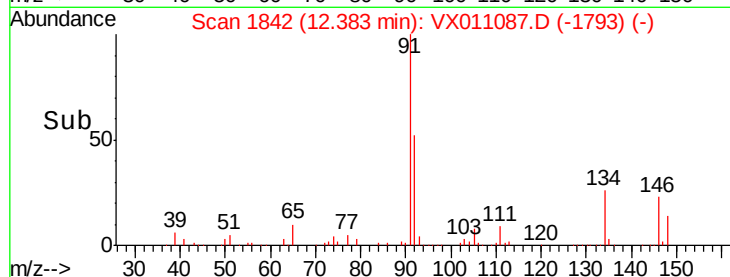
134 27.7 13.8 41.3



Abundance Ion 91.00 (90.70 to 91.70): VX011087.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX011087.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX011087.D (-1793) (-)



#90

Hexachloroethane

Concen: 17.902 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX011087.D

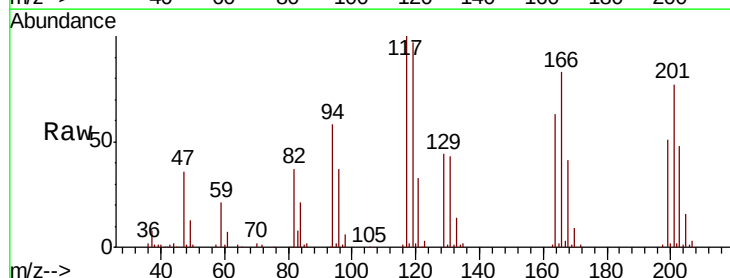
Acq: 26 Jul 2019 13:52

Tgt Ion: 117 Resp: 24175

Ion Ratio Lower Upper

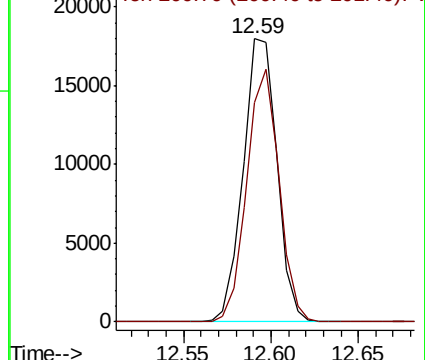
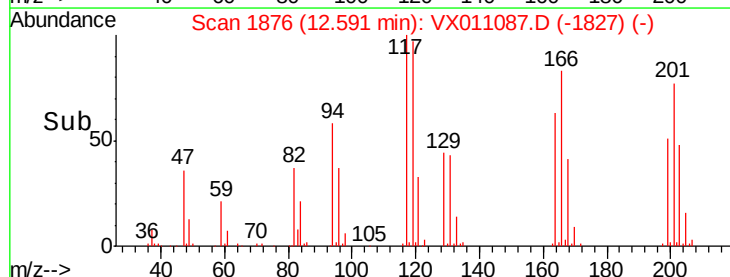
117 100

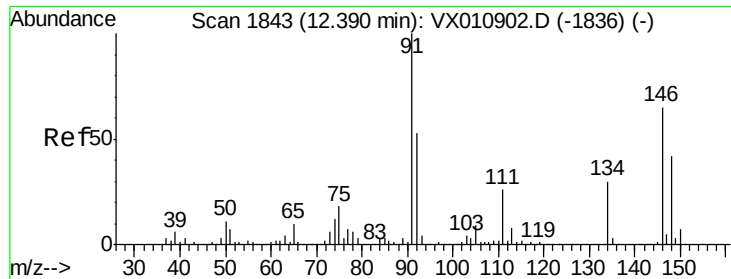
201 85.0 43.3 129.8



Abundance Ion 116.80 (116.50 to 117.50): VX011087.D (-1827) (-)

Ion 200.70 (200.40 to 201.40): VX011087.D (-1827) (-)

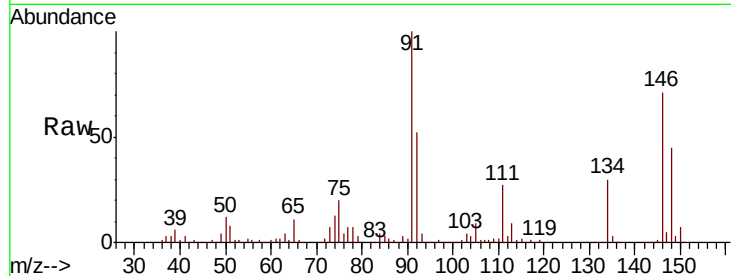




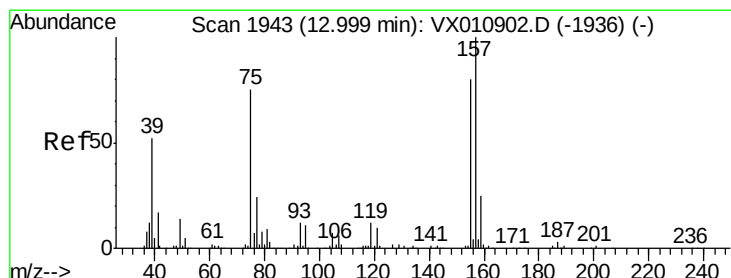
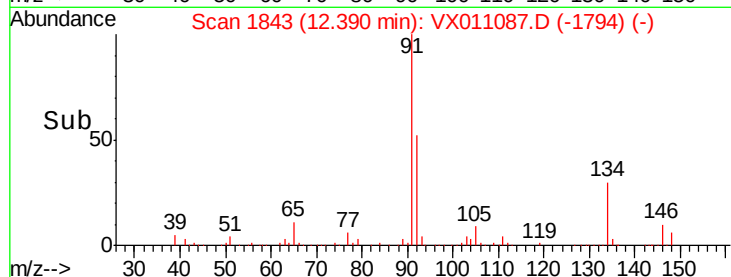
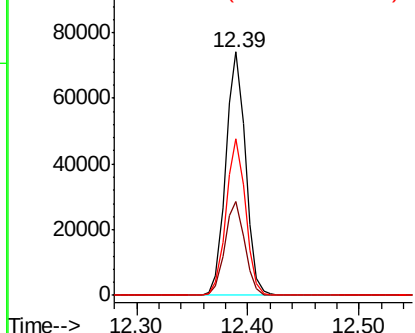
#91
 1,2-Dichlorobenzene
 Concen: 19.892 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion:146 Resp: 90877
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.9 59.7
 148 63.5 32.0 96.2

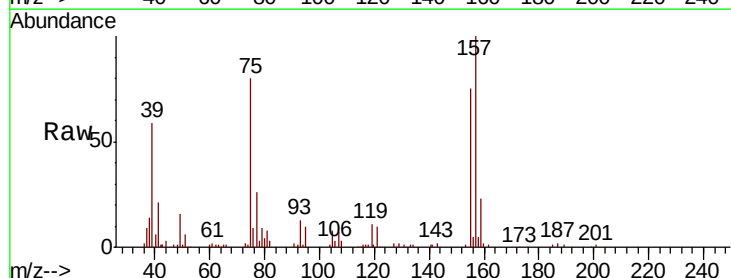


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

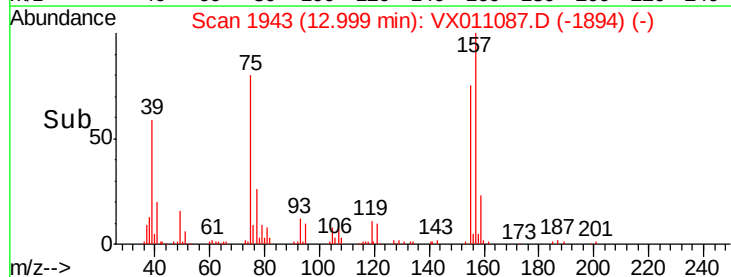
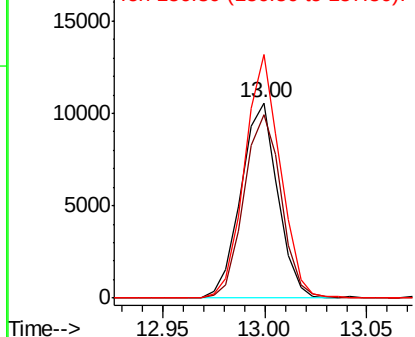


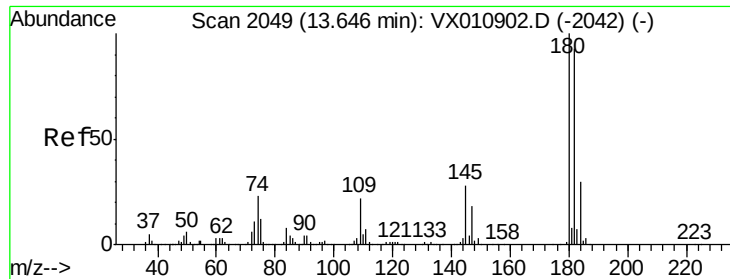
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.049 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion: 75 Resp: 13207
 Ion Ratio Lower Upper
 75 100
 155 95.2 48.7 146.1
 157 121.1 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

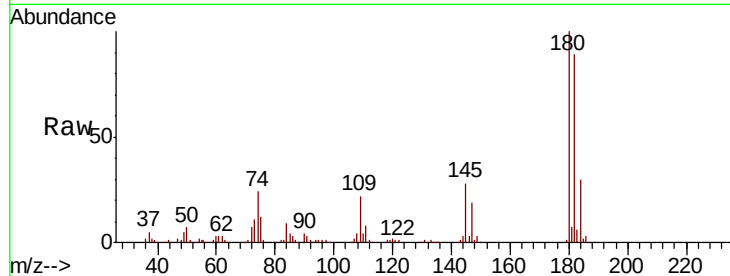




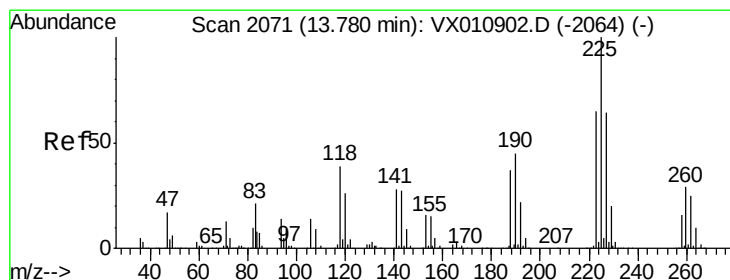
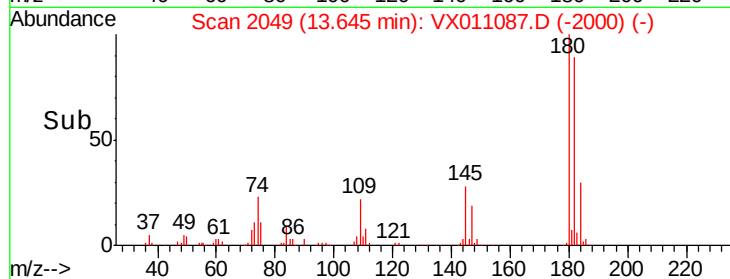
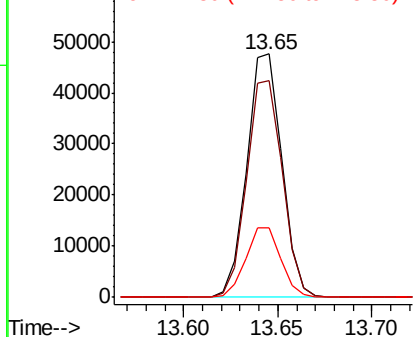
#93
 1,2,4-Trichlorobenzene
 Concen: 19.852 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD01

Tot Ion:180 Resp: 61463
 Ion Ratio Lower Upper
 180 100
 182 90.9 47.1 141.3
 145 28.8 14.8 44.4

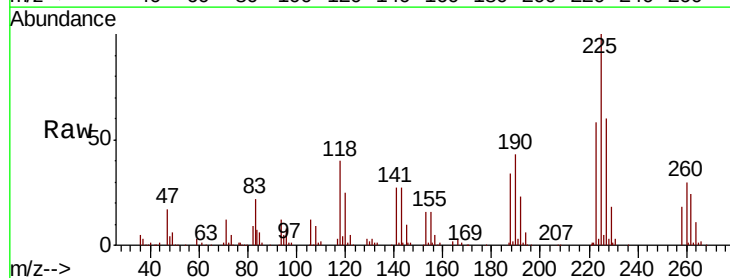


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

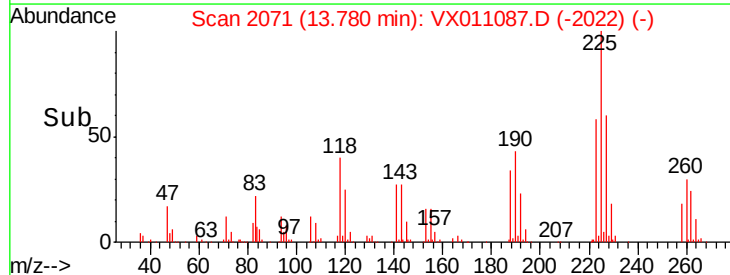
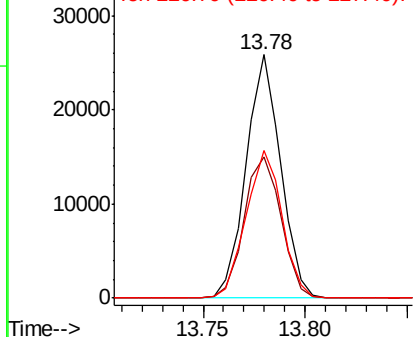


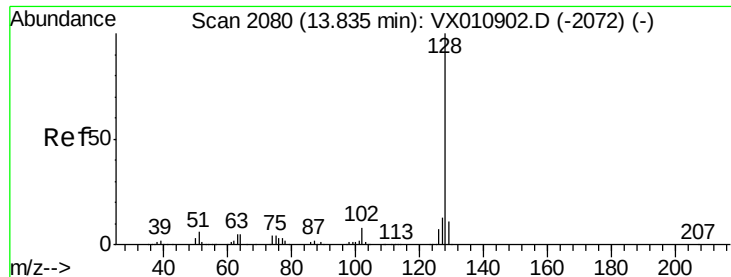
#94
 Hexachlorobutadiene
 Concen: 19.814 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011087.D
 Acq: 26 Jul 2019 13:52

Tgt Ion:225 Resp: 30400
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.9
 227 63.1 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

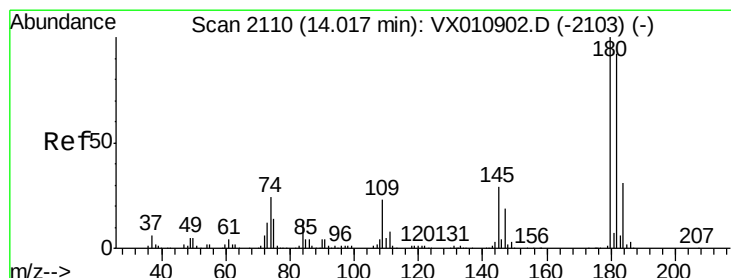
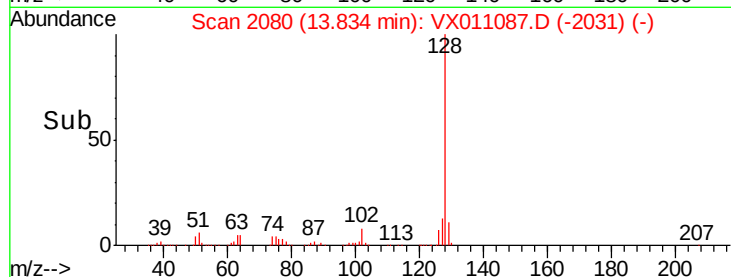
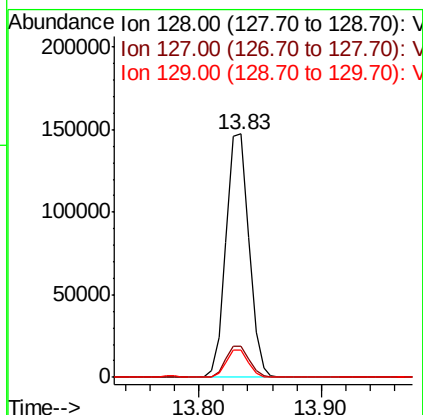
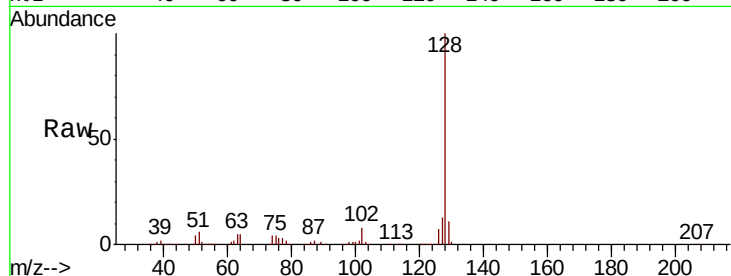




#95
Naphthalene
Concen: 21.021 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD01

Tot Ion:128 Resp: 192191
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.907 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011087.D
Acq: 26 Jul 2019 13:52

Tgt Ion:180 Resp: 61325
Ion Ratio Lower Upper
180 100
182 96.7 47.4 142.3
145 32.3 15.1 45.3

