

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
 Data File : VX011249.D
 Acq On : 31 Jul 2019 17:40
 Operator : JC/SP
 Sample : VX0731WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Quant Time: Aug 01 02:31:55 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	5.66	168	190718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	277881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100661	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	5.50	113	88882	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	8.71	98	329645	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	121850	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33295	16.739	ug/l	99
3) Chloromethane	1.33	50	30215	17.228	ug/l	95
4) Vinyl Chloride	1.41	62	33282	18.605	ug/l	98
5) Bromomethane	1.64	94	20868	20.701	ug/l	97
6) Chloroethane	1.73	64	21619	19.017	ug/l	97
7) Trichlorofluoromethane	1.93	101	59326	19.591	ug/l	96
8) Diethyl Ether	2.19	74	20712	19.852	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33155	19.176	ug/l	99
10) Methyl Iodide	2.51	142	34274	15.106	ug/l	99
11) Tert butyl alcohol	3.04	59	45518	96.330	ug/l	99
12) 1,1-Dichloroethene	2.37	96	30826	18.146	ug/l	96
13) Acrolein	2.29	56	24792	90.811	ug/l	100
14) Allyl chloride	2.73	41	43991	17.828	ug/l	98
15) Acrylonitrile	3.14	53	93001	97.401	ug/l	99
16) Acetone	2.44	43	89379	97.536	ug/l	98
17) Carbon Disulfide	2.57	76	59673	13.694	ug/l	98
18) Methyl Acetate	2.78	43	44738	21.441	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	105268	19.249	ug/l	100
20) Methylene Chloride	2.85	84	36018	18.547	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	31641	17.554	ug/l	100
22) Diisopropyl ether	3.85	45	101667	19.536	ug/l	98
23) Vinyl Acetate	3.82	43	412019	93.439	ug/l	100
24) 1,1-Dichloroethane	3.70	63	57500	19.025	ug/l	97
25) 2-Butanone	4.67	43	130057	98.870	ug/l	97
26) 2,2-Dichloropropane	4.59	77	46218	18.624	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	37891	18.164	ug/l	99
28) Bromochloromethane	5.01	49	25700	18.045	ug/l	98
29) Tetrahydrofuran	5.13	42	79515	95.427	ug/l	99
30) Chloroform	5.21	83	62535	19.143	ug/l	97
31) Cyclohexane	5.59	56	47601	17.279	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	53820	19.042	ug/l	99
36) 1,1-Dichloropropene	5.80	75	42071	18.432	ug/l	99
37) Ethyl Acetate	4.84	43	45551	19.489	ug/l	98
38) Carbon Tetrachloride	5.79	117	44269	18.612	ug/l	96

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Instrument :
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 ClientSampleId :
 VX0731WBS01

Quant Time: Aug 01 02:31:55 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	52430	17.713	ug/l	96
40) Benzene	6.14	78	134242	19.200	ug/l	95
41) Methacrylonitrile	5.04	41	24486	18.455	ug/l	96
42) 1,2-Dichloroethane	6.19	62	48952	20.136	ug/l	99
43) Isopropyl Acetate	6.44	43	73104	19.022	ug/l	98
44) Trichloroethene	7.21	130	38533	18.618	ug/l	100
45) 1,2-Dichloropropane	7.51	63	34654	19.473	ug/l	95
46) Dibromomethane	7.66	93	24813	19.513	ug/l	99
47) Bromodichloromethane	7.90	83	42911	18.957	ug/l	99
48) Methyl methacrylate	7.77	41	35743	19.091	ug/l	98
49) 1,4-Dioxane	7.74	88	20517	391.773	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	254945	102.335	ug/l	99
52) Toluene	8.78	92	88473	19.262	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44028	18.089	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	50633	18.695	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	37918	20.049	ug/l	98
56) Ethyl methacrylate	9.18	69	54725	19.782	ug/l	99
57) 1,3-Dichloropropane	9.37	76	59953	19.983	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	137799	104.348	ug/l	100
59) 2-Hexanone	9.49	43	198264	102.606	ug/l	100
60) Dibromochloromethane	9.58	129	36118	18.283	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39703	19.781	ug/l	100
64) Tetrachloroethene	9.34	164	38788	19.339	ug/l	98
65) Chlorobenzene	10.13	112	101564	19.396	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	35711	19.404	ug/l	99
67) Ethyl Benzene	10.25	91	171816	19.277	ug/l	99
68) m/p-Xylenes	10.36	106	130341	38.123	ug/l	100
69) o-Xylene	10.69	106	64522	19.337	ug/l	99
70) Styrene	10.71	104	108073	19.429	ug/l	100
71) Bromoform	10.85	173	25280	16.866	ug/l #	99
73) Isopropylbenzene	11.02	105	174357	19.285	ug/l	99
74) N-amyl acetate	10.90	43	65117	18.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	58930	19.917	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	61235	25.361	ug/l	84
77) Bromobenzene	11.25	156	48060	19.272	ug/l	99
78) n-propylbenzene	11.36	91	191905	19.211	ug/l	100
79) 2-Chlorotoluene	11.42	91	116164	19.358	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	145568	19.269	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	13966	17.468	ug/l	89
82) 4-Chlorotoluene	11.51	91	132946	19.035	ug/l	99
83) tert-Butylbenzene	11.77	119	144361	19.454	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	146940	19.298	ug/l	100
85) sec-Butylbenzene	11.94	105	171402	19.713	ug/l	98
86) p-Isopropyltoluene	12.06	119	159527	19.845	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	83258	19.238	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	85255	19.208	ug/l	98
89) n-Butylbenzene	12.38	91	131964	19.189	ug/l	99
90) Hexachloroethane	12.60	117	21859	17.241	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	85269	19.880	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11365	18.376	ug/l	99

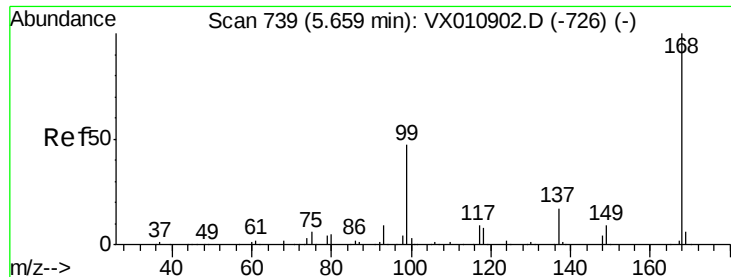
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073119\
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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57308	19.715	ug/l	99
94) Hexachlorobutadiene	13.78	225	28463	19.759	ug/l	99
95) Naphthalene	13.83	128	175137	20.403	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	59142	20.448	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

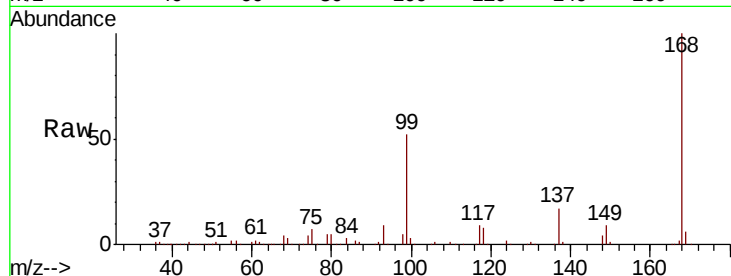
VX0731WBS01

Tot Ion:168 Resp: 190718

Ion Ratio Lower Upper

168 100

99 52.1 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

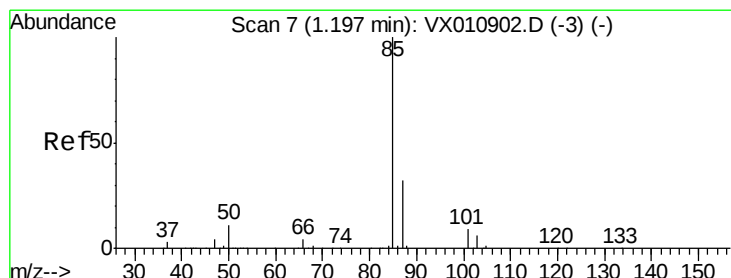
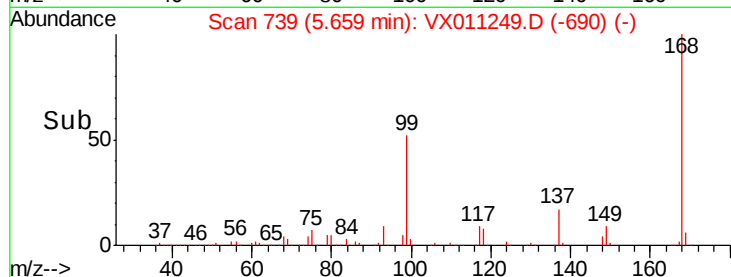
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.739 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011249.D

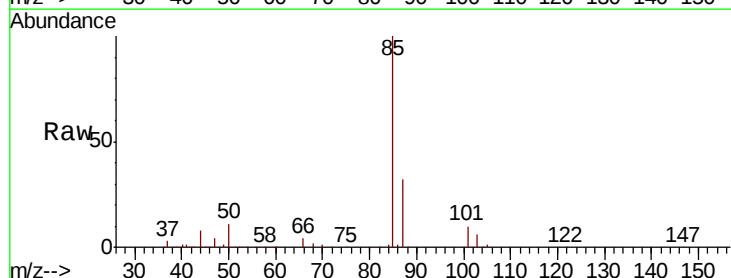
Acq: 31 Jul 2019 17:40

Tgt Ion: 85 Resp: 33295

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

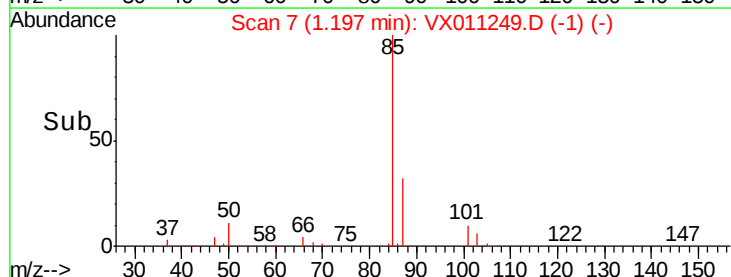
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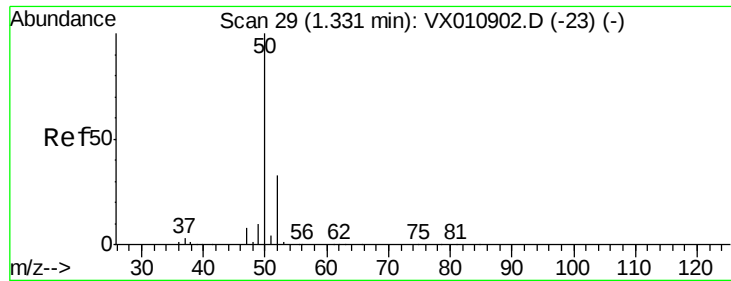
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.228 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

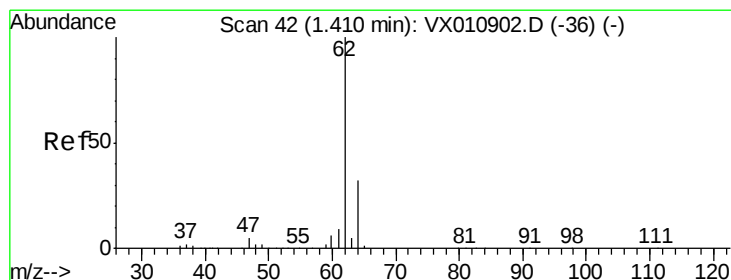
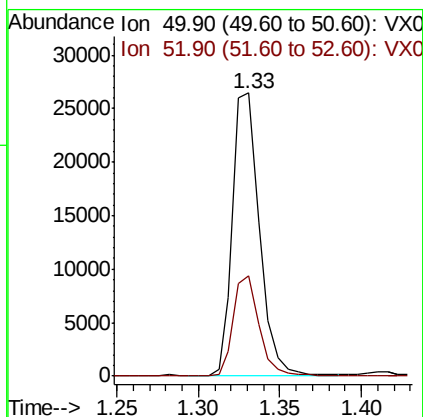
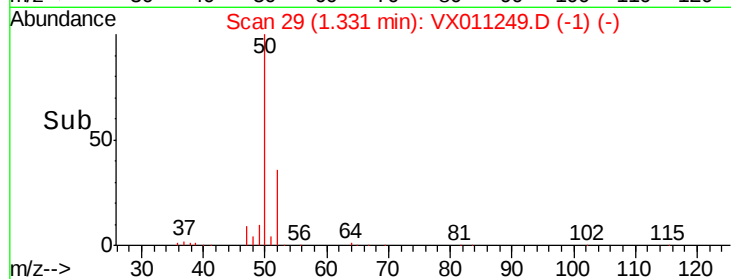
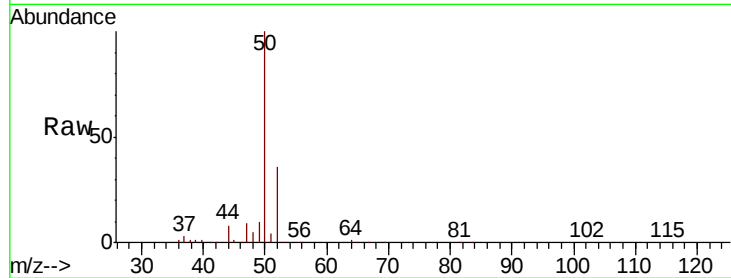
VX0731WBS01

Tot Ion: 50 Resp: 30215

Ion Ratio Lower Upper

50 100

52 35.7 26.4 39.6



#4

Vinyl Chloride

Concen: 18.605 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011249.D

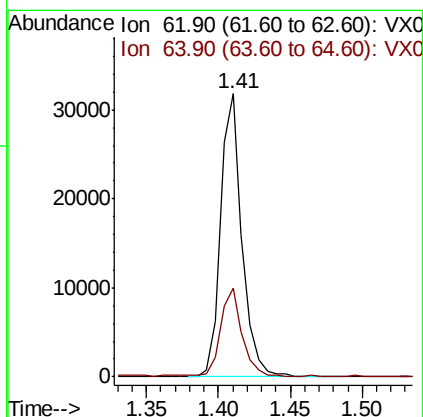
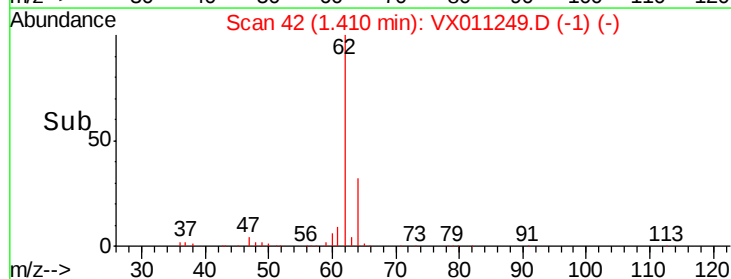
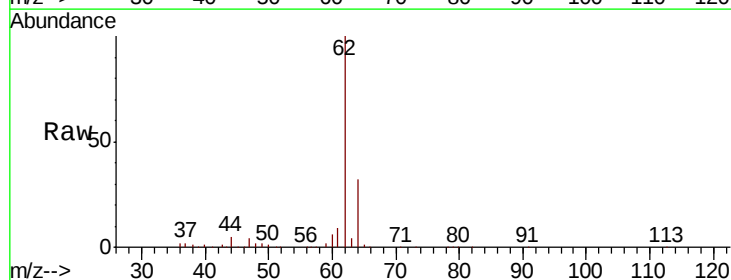
Acq: 31 Jul 2019 17:40

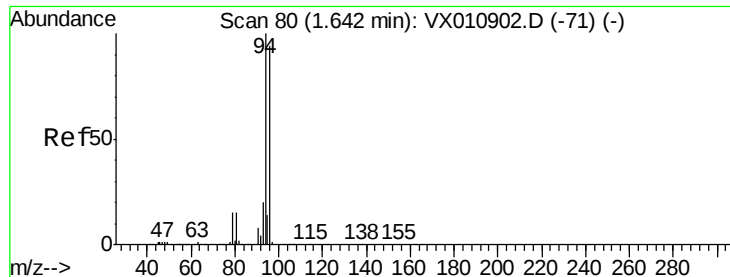
Tgt Ion: 62 Resp: 33282

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 20.701 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

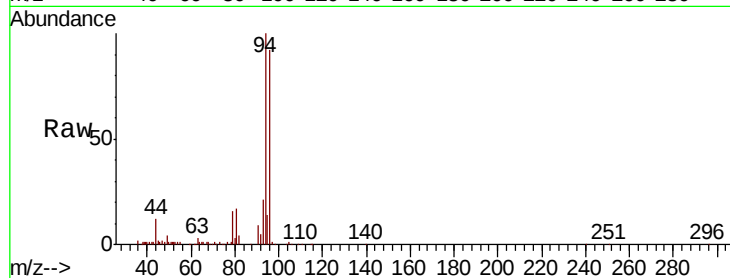
VX0731WBS01

Tot Ion: 94 Resp: 20868

Ion Ratio Lower Upper

94 100

96 91.5 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

15000

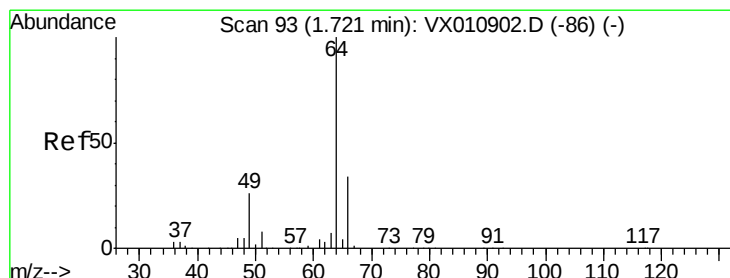
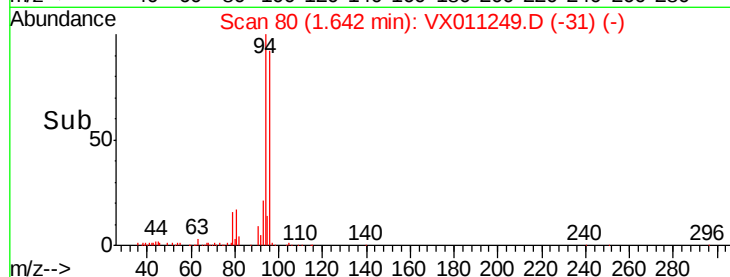
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 19.017 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX011249.D

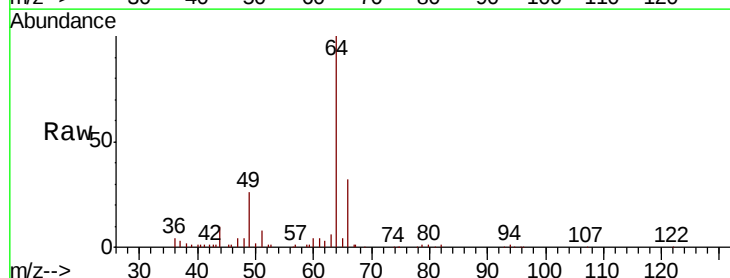
Acq: 31 Jul 2019 17:40

Tgt Ion: 64 Resp: 21619

Ion Ratio Lower Upper

64 100

66 31.9 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

15000

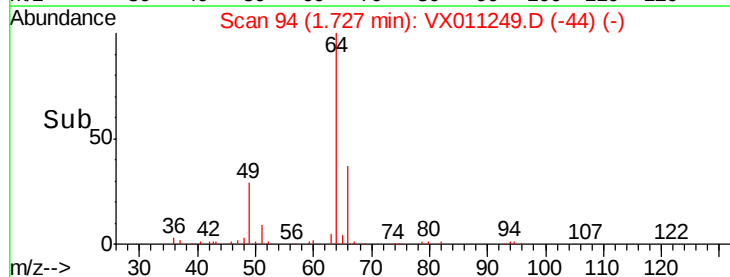
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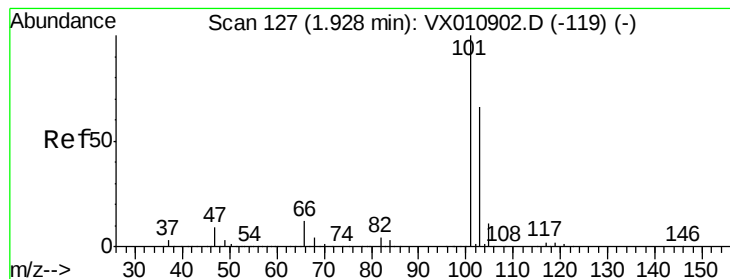
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0

1.65 1.70 1.75 1.80

Time-->



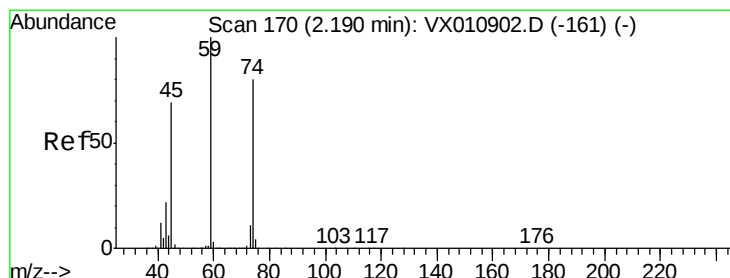
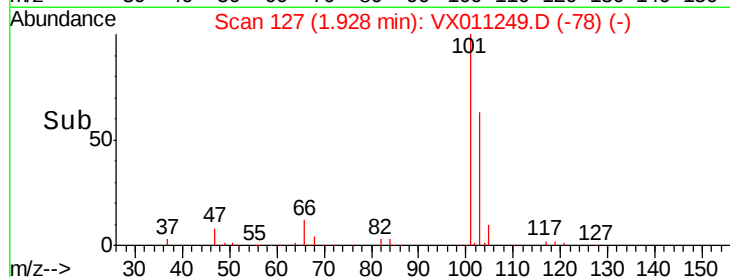
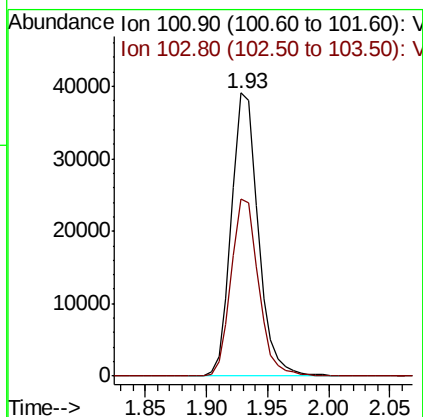
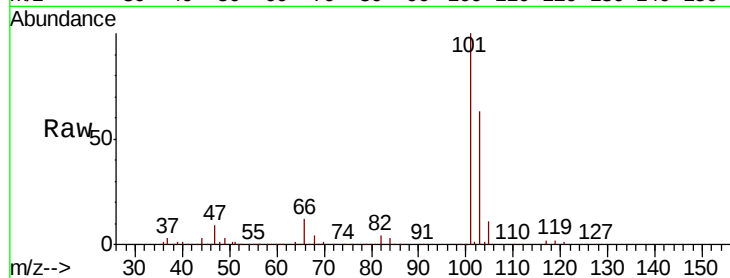


#7

Trichlorofluoromethane
 Concen: 19.591 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

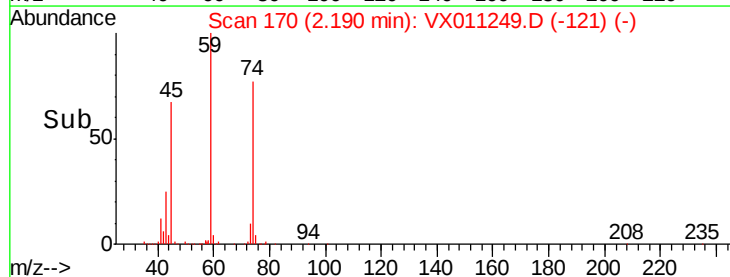
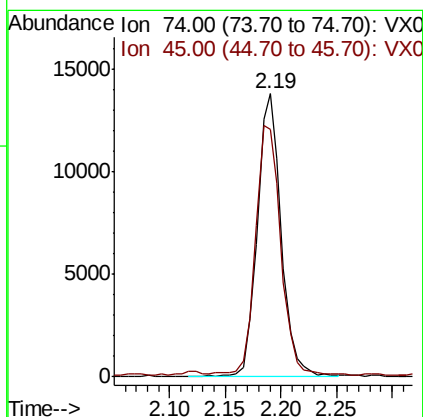
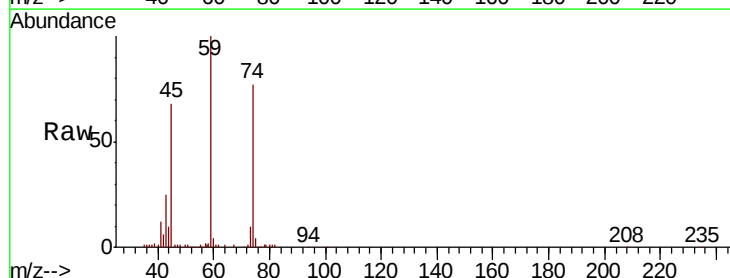
Tot Ion:101 Resp: 59326
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.6 78.8

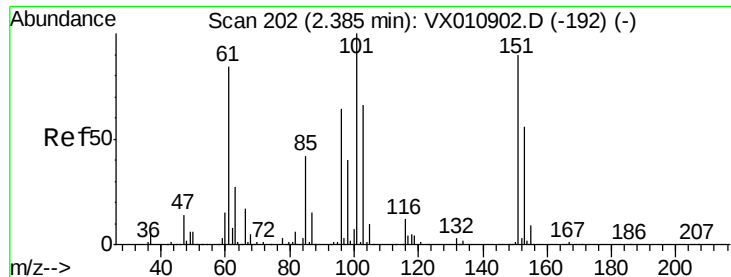


#8

Diethyl Ether
 Concen: 19.852 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

Tgt Ion: 74 Resp: 20712
 Ion Ratio Lower Upper
 74 100
 45 92.9 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.176 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

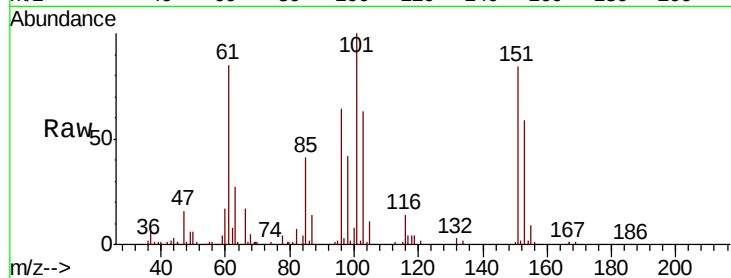
Tot Ion:101 Resp: 33155

Ion Ratio Lower Upper

101 100

85 43.2 34.6 52.0

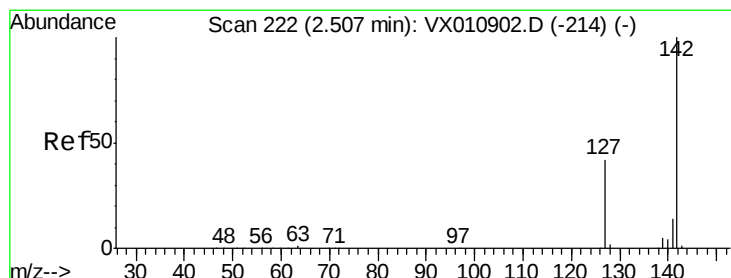
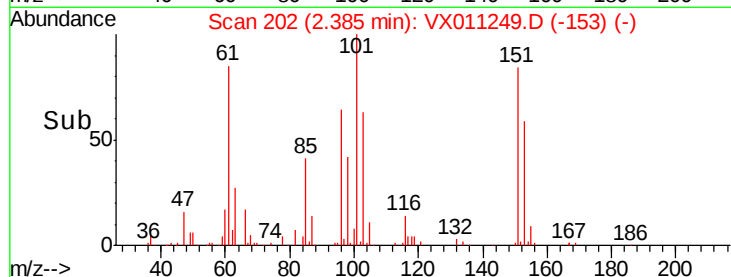
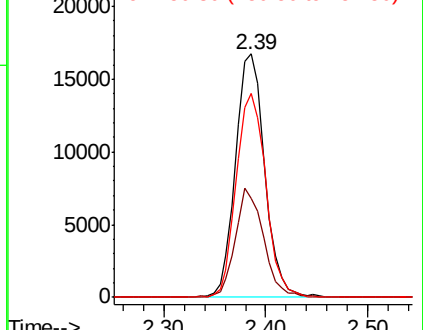
151 85.1 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.106 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

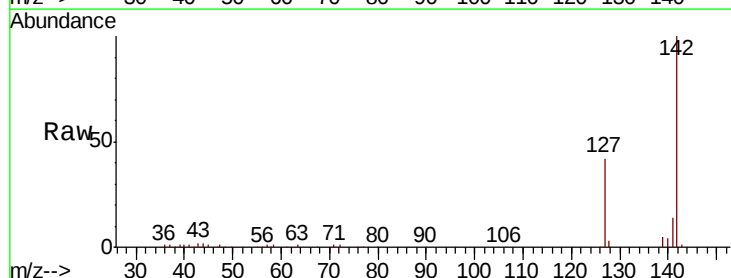
Tgt Ion:142 Resp: 34274

Ion Ratio Lower Upper

142 100

127 43.4 34.2 51.4

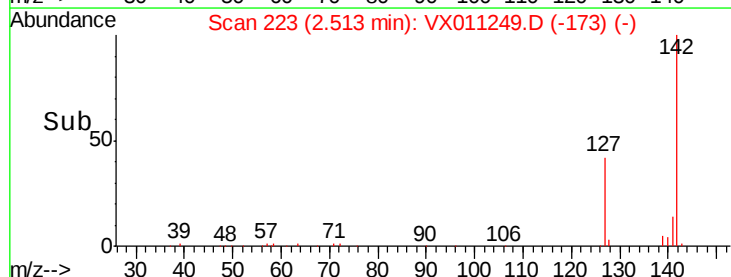
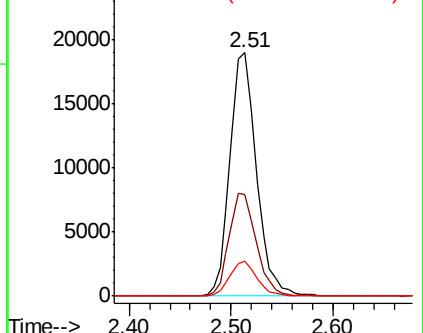
141 14.7 11.7 17.5



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

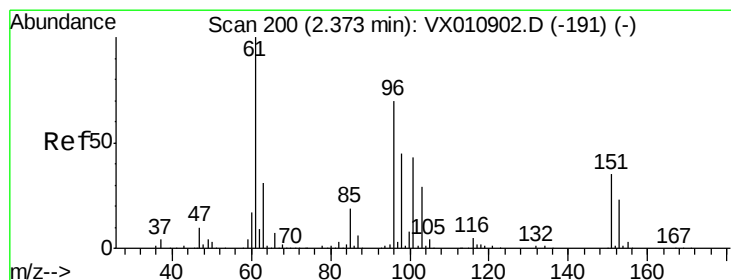
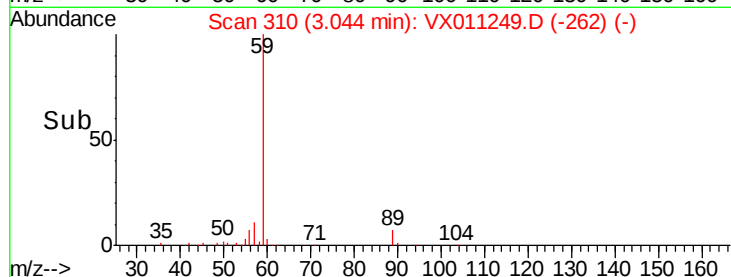
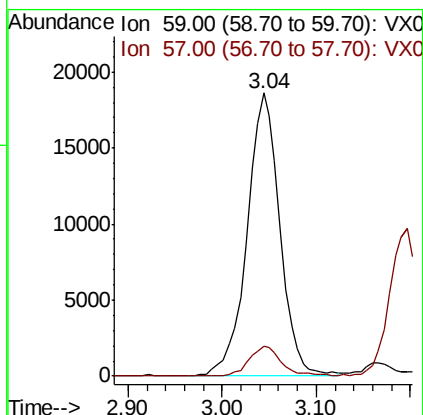
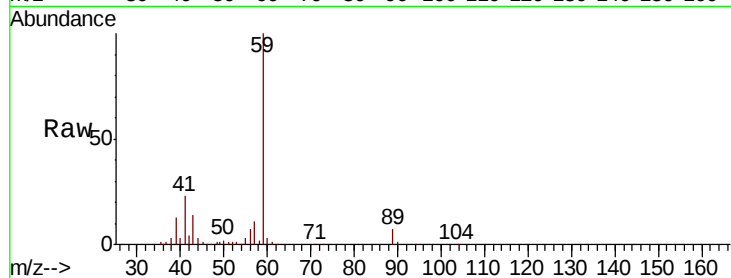




#11
Tert butyl alcohol
Concen: 96.330 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

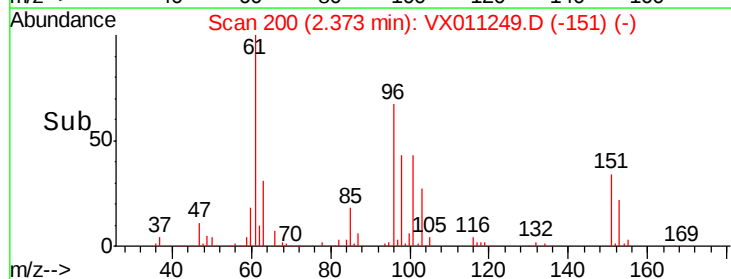
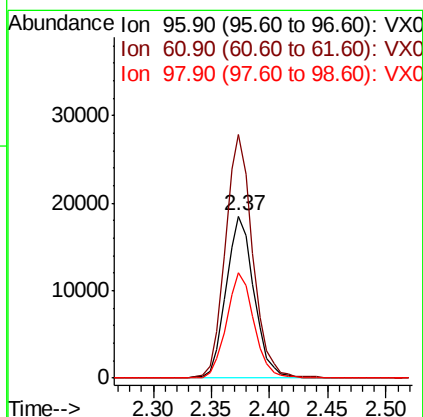
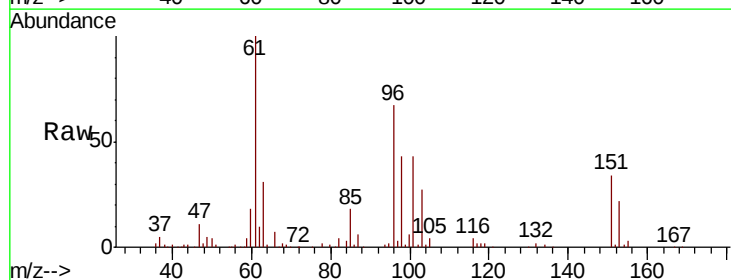
Instrument :
MSVOA_X
ClientSampled :
VX0731WBS01

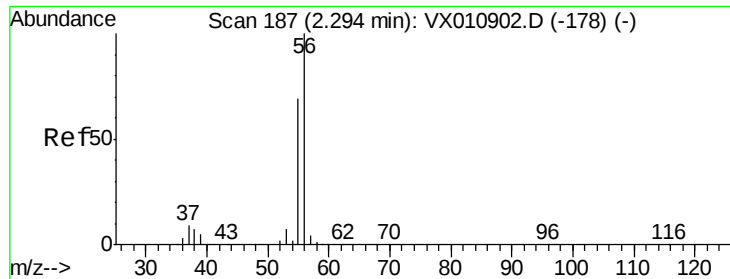
Tot Ion: 59 Resp: 45518
Ion Ratio Lower Upper
59 100
57 10.4 7.9 11.9



#12
1,1-Dichloroethene
Concen: 18.146 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion: 96 Resp: 30826
Ion Ratio Lower Upper
96 100
61 150.0 115.0 172.4
98 64.9 52.2 78.2





#13

Acrolein

Concen: 90.811 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

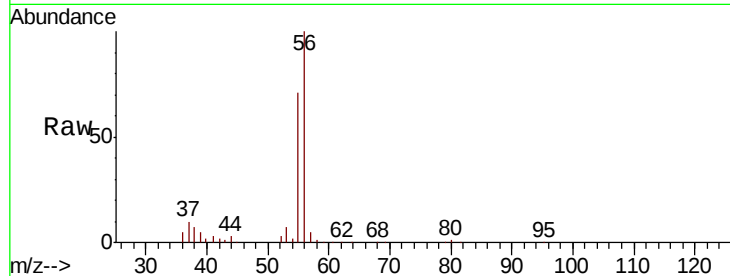
VX0731WBS01

Tot Ion: 56 Resp: 24792

Ion Ratio Lower Upper

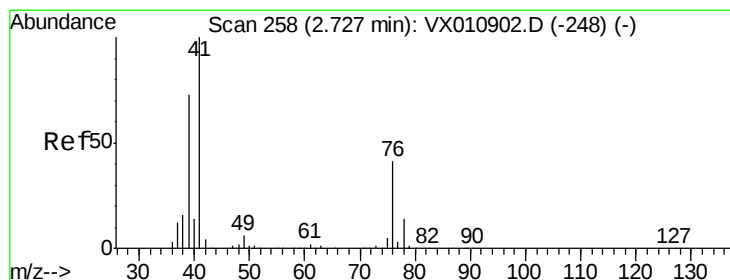
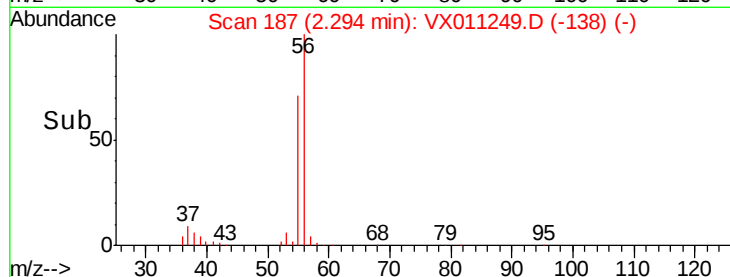
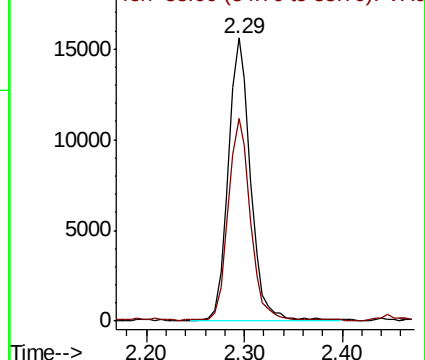
56 100

55 70.2 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: 17.828 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

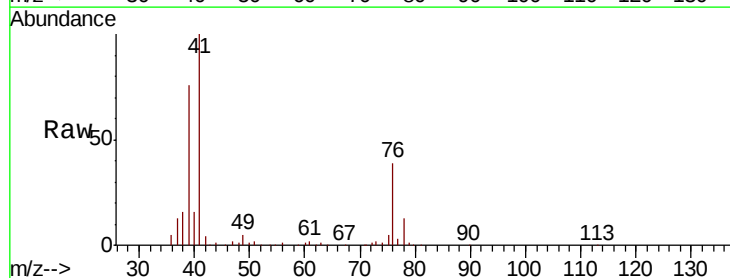
Tgt Ion: 41 Resp: 43991

Ion Ratio Lower Upper

41 100

39 69.1 53.6 80.4

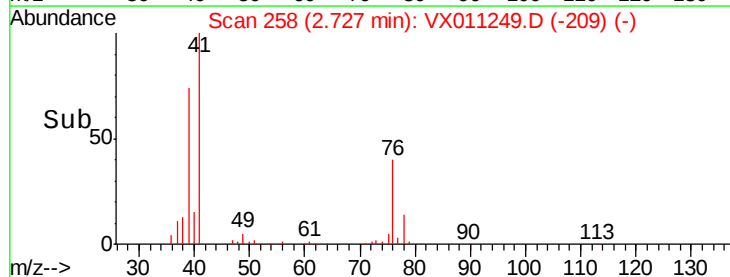
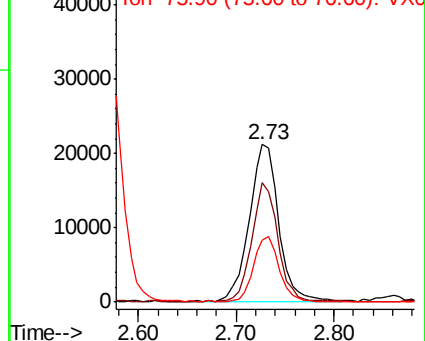
76 36.6 29.7 44.5

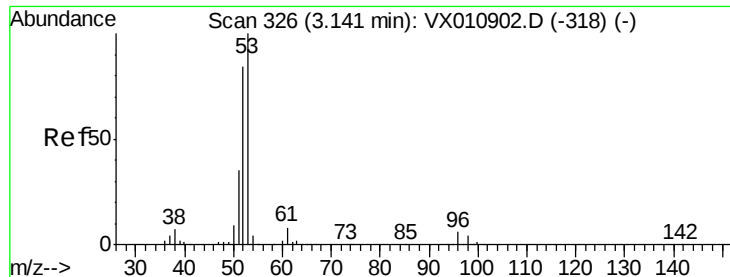


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 97.401 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

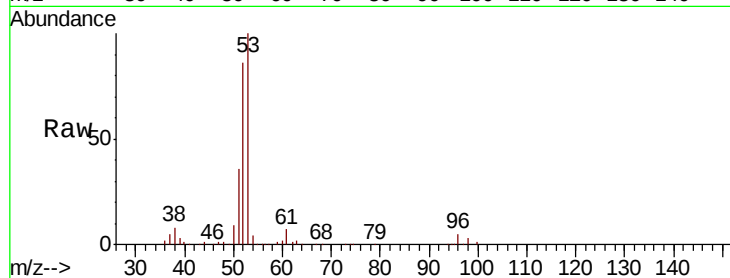
Tot Ion: 53 Resp: 93001

Ion Ratio Lower Upper

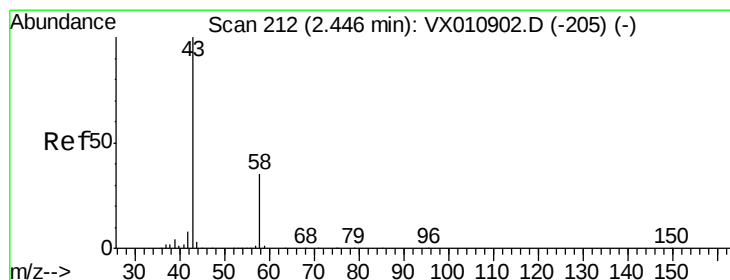
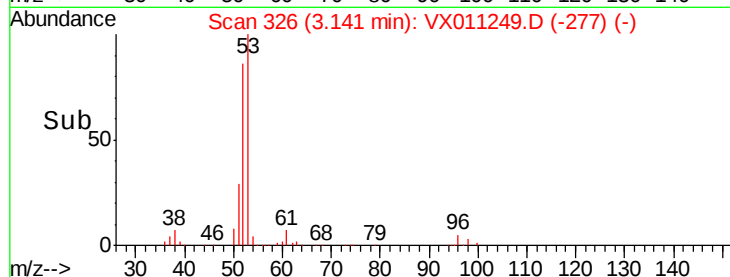
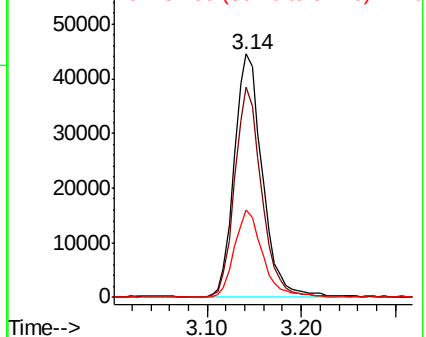
53 100

52 82.6 66.5 99.7

51 36.0 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: 97.536 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011249.D

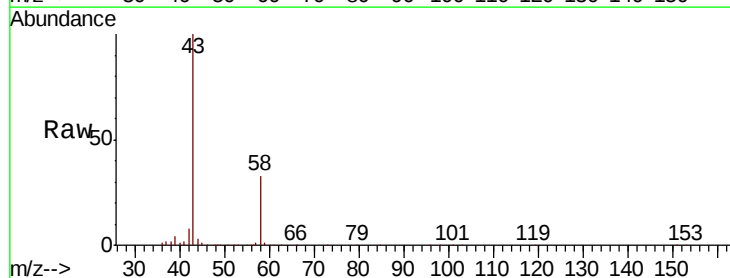
Acq: 31 Jul 2019 17:40

Tgt Ion: 43 Resp: 89379

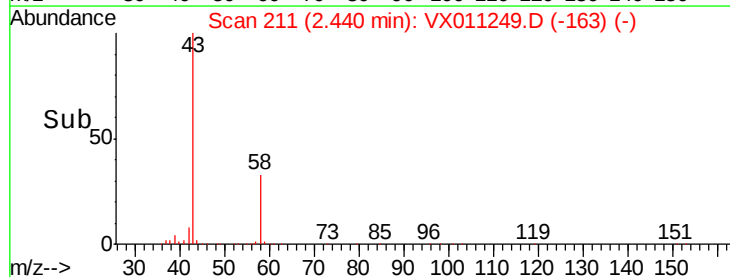
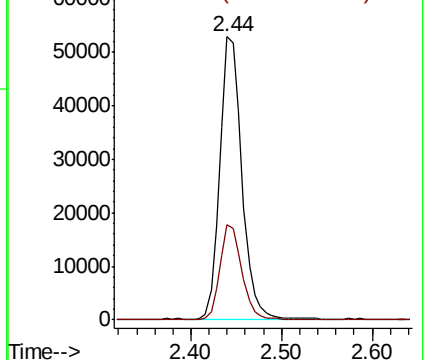
Ion Ratio Lower Upper

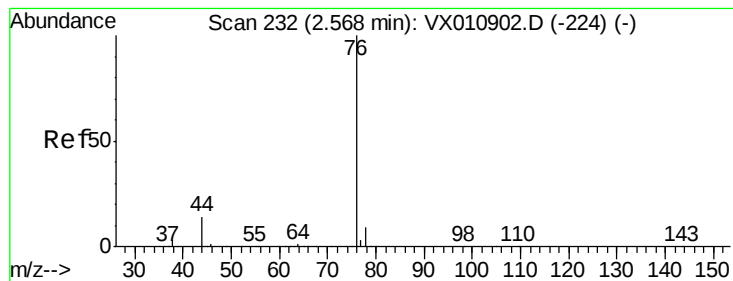
43 100

58 33.4 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: 13.694 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

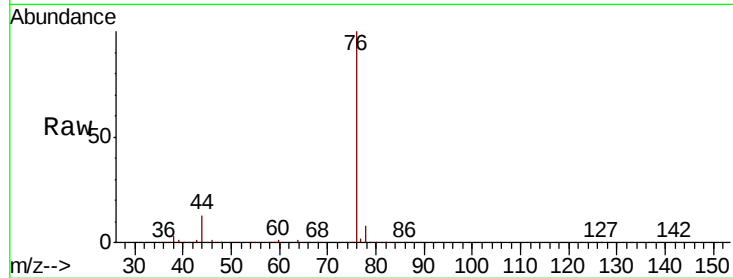
VX0731WBS01

Tot Ion: 76 Resp: 59673

Ion Ratio Lower Upper

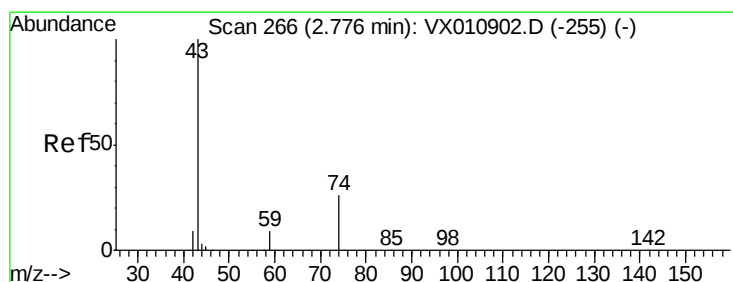
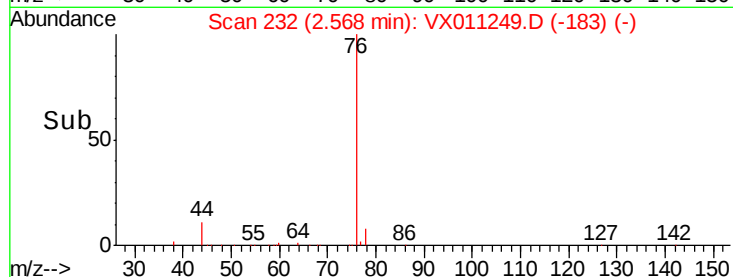
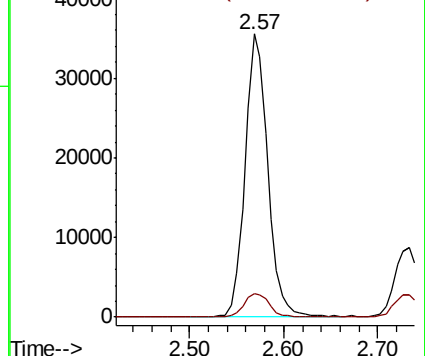
76 100

78 8.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.441 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX011249.D

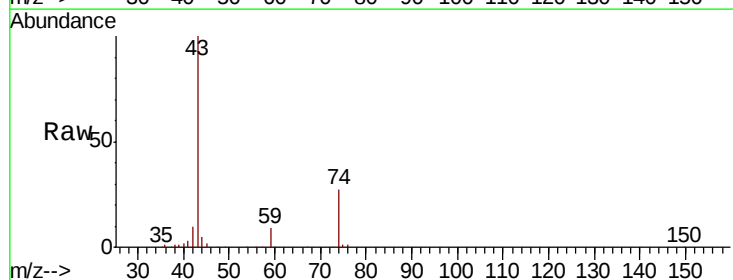
Acq: 31 Jul 2019 17:40

Tgt Ion: 43 Resp: 44738

Ion Ratio Lower Upper

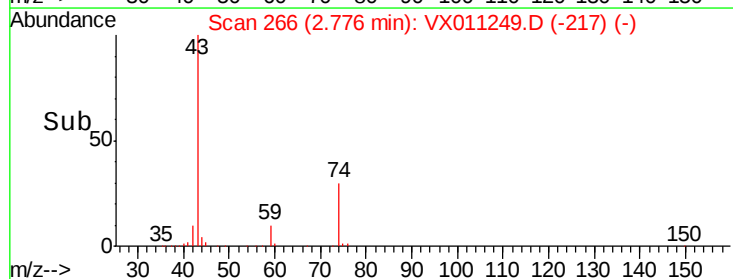
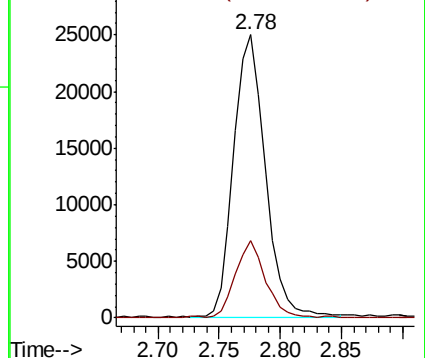
43 100

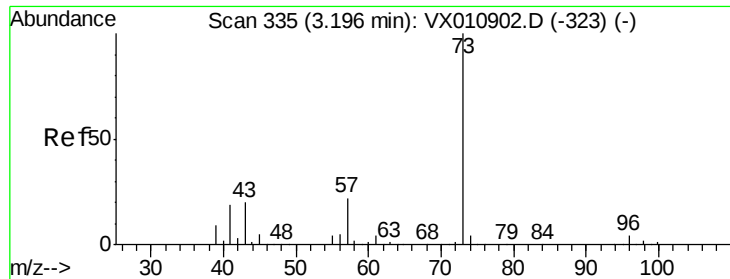
74 26.2 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

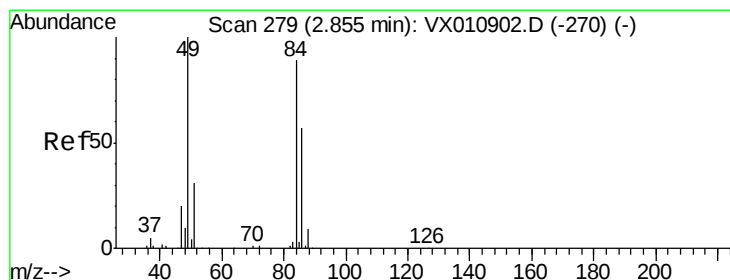
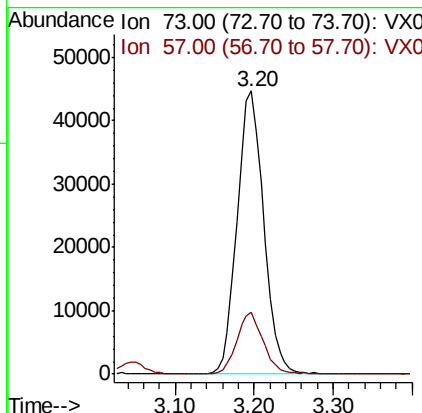
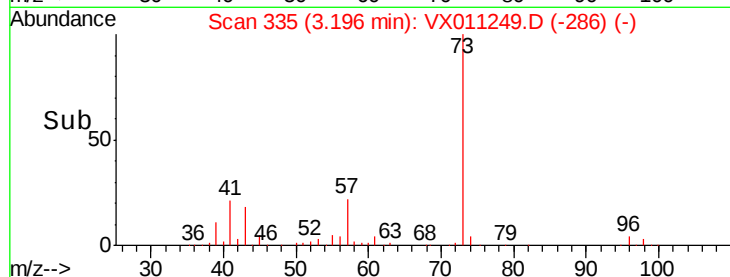
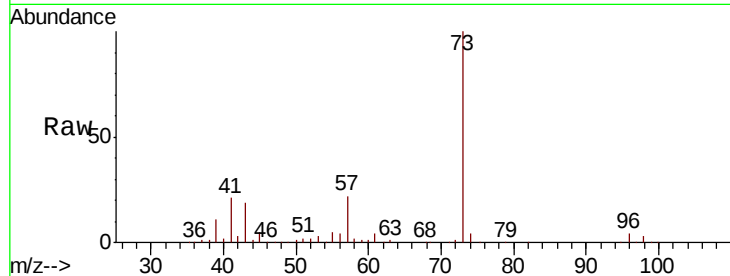




#19
Methyl tert-butyl Ether
Concen: 19.249 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

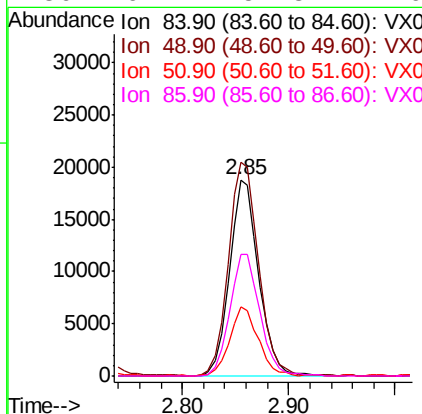
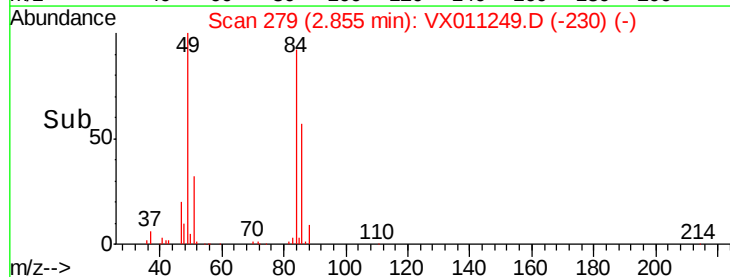
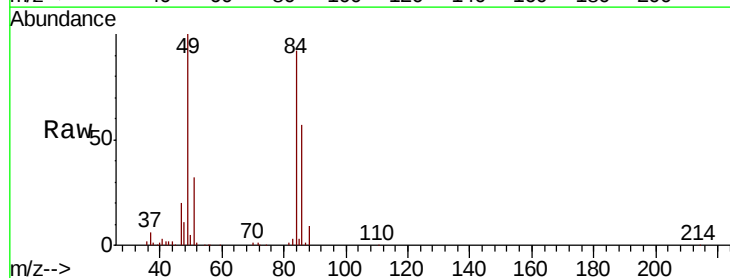
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

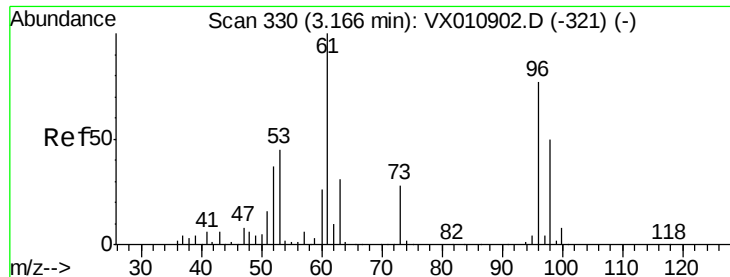
Tot Ion: 73 Resp: 105268
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 18.547 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion: 84 Resp: 36018
Ion Ratio Lower Upper
84 100
49 108.8 89.9 134.9
51 34.9 27.8 41.6
86 62.1 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.554 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

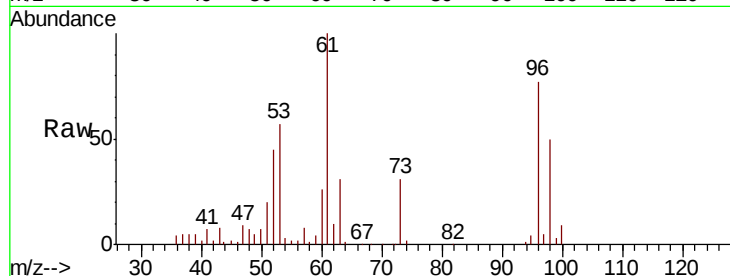
Tot Ion: 96 Resp: 31641

Ion Ratio Lower Upper

96 100

61 130.2 104.2 156.2

98 65.0 52.2 78.4

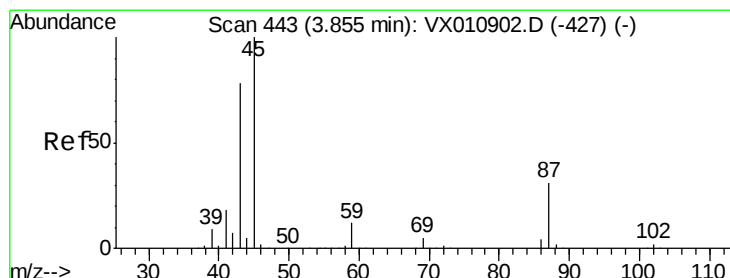
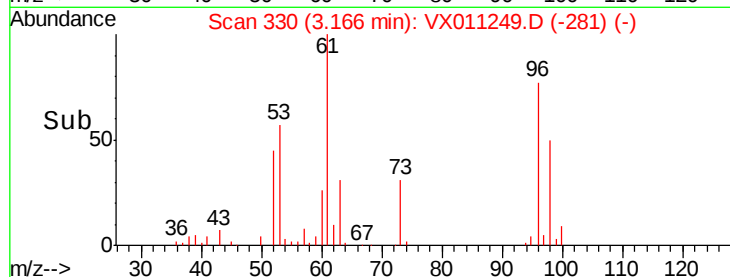
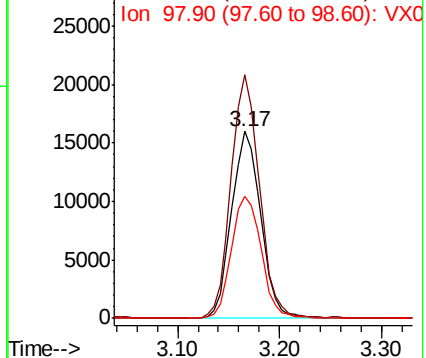


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.536 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Tgt Ion: 45 Resp: 101667

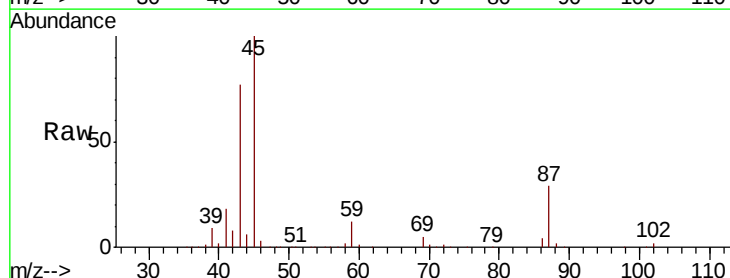
Ion Ratio Lower Upper

45 100

43 76.4 62.3 93.5

87 29.3 25.0 37.4

59 11.5 9.9 14.9



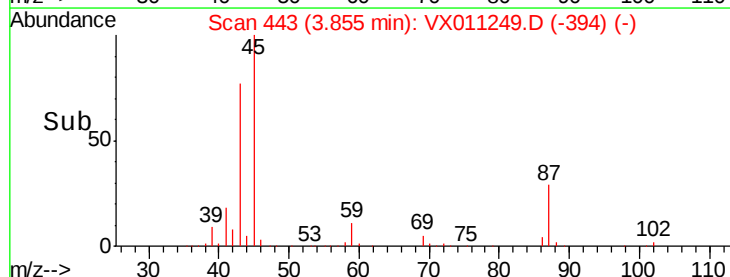
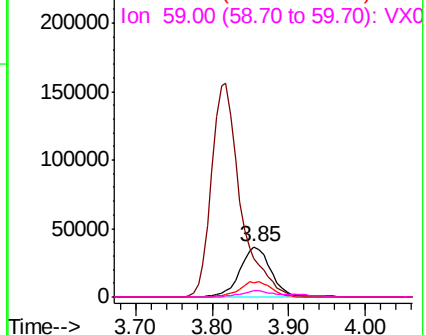
Abundance

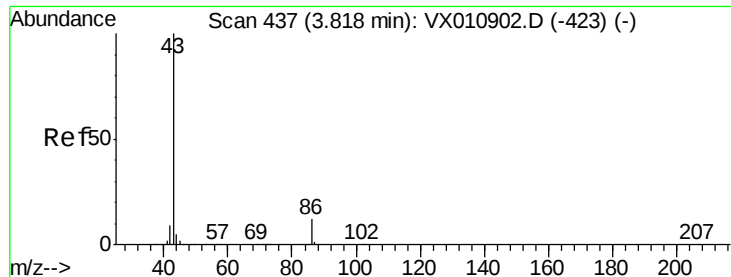
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 93.439 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

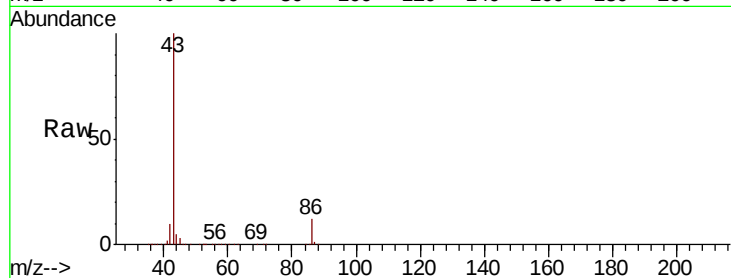
VX0731WBS01

Tot Ion: 43 Resp: 412019

Ion Ratio Lower Upper

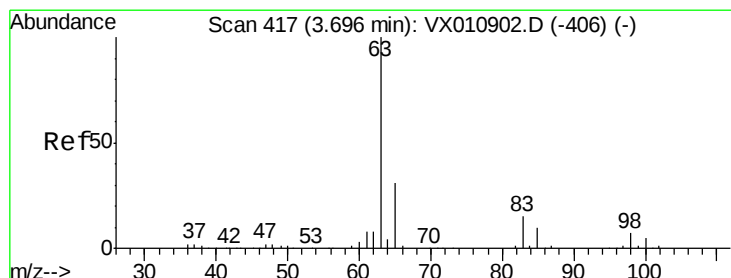
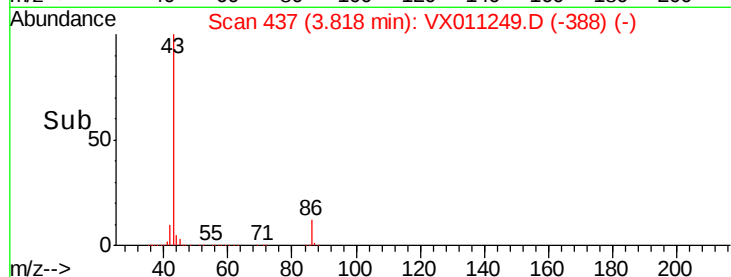
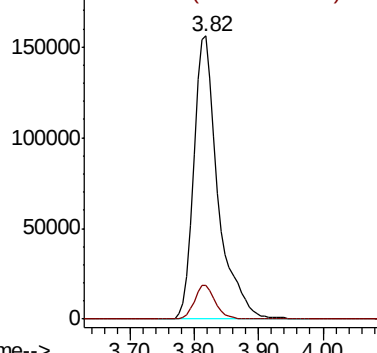
43 100

86 11.8 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.025 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

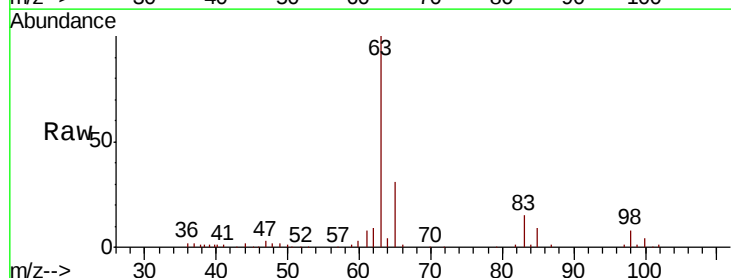
Tgt Ion: 63 Resp: 57500

Ion Ratio Lower Upper

63 100

98 8.2 3.6 10.9

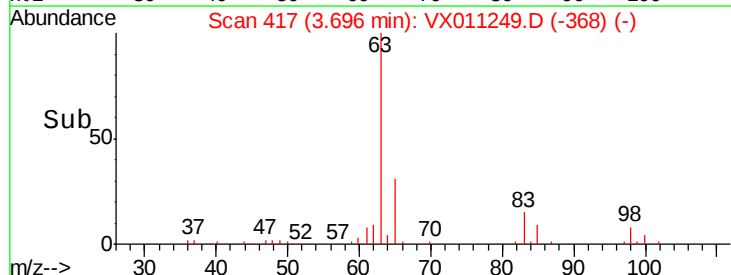
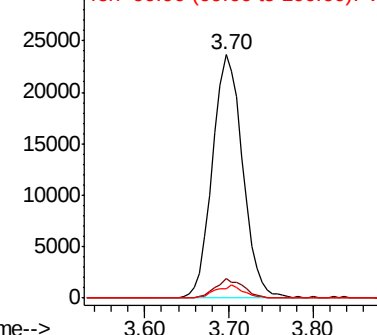
100 3.7 2.4 7.2

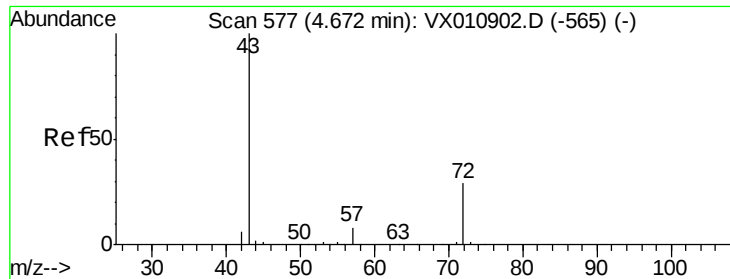


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 98.870 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

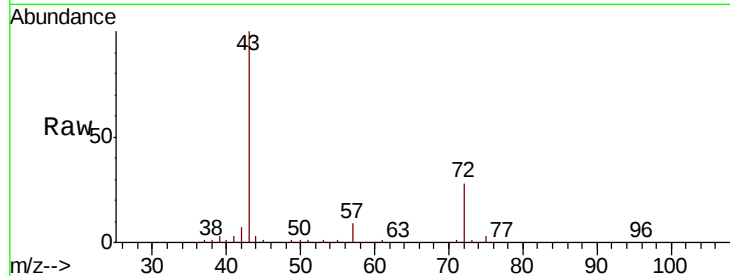
VX0731WBS01

Tot Ion: 43 Resp: 130057

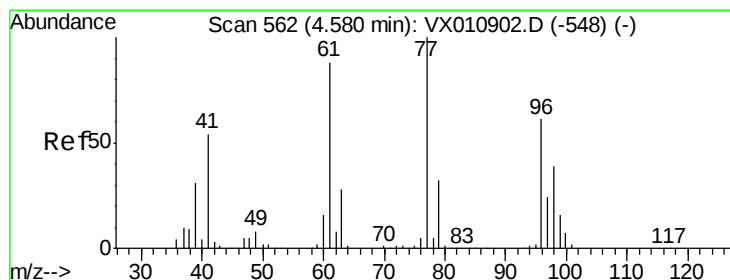
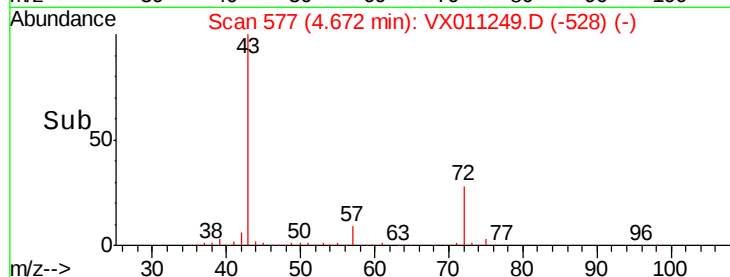
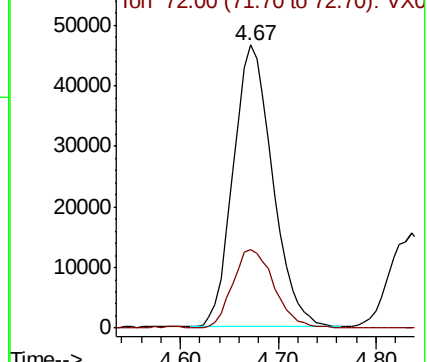
Ion Ratio Lower Upper

43 100

72 27.4 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0



#26

2,2-Dichloropropane

Concen: 18.624 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011249.D

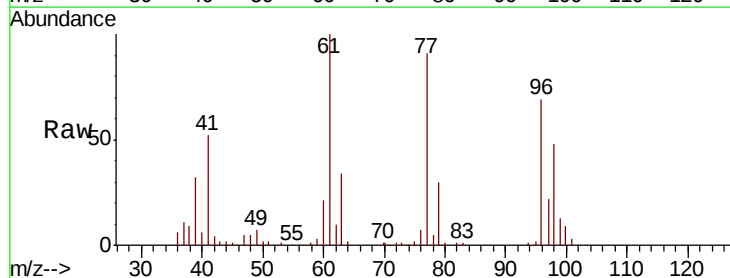
Acq: 31 Jul 2019 17:40

Tgt Ion: 77 Resp: 46218

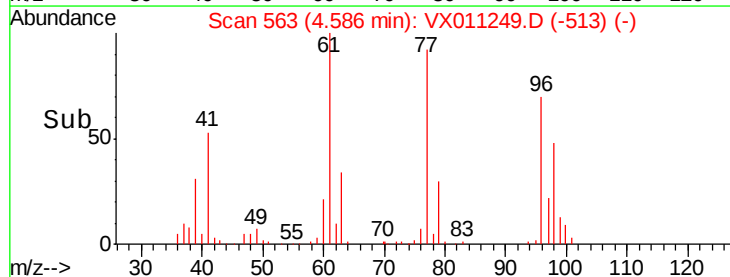
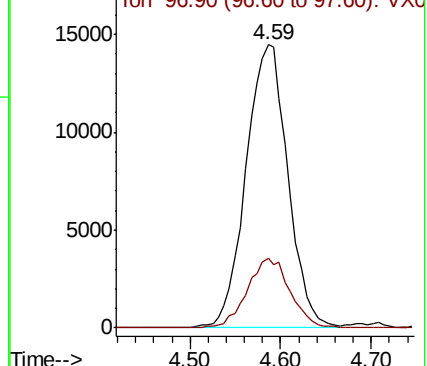
Ion Ratio Lower Upper

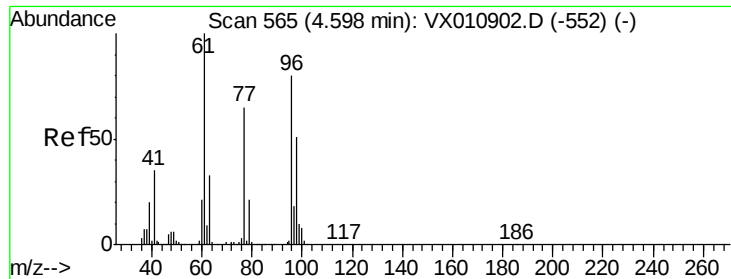
77 100

97 25.0 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0



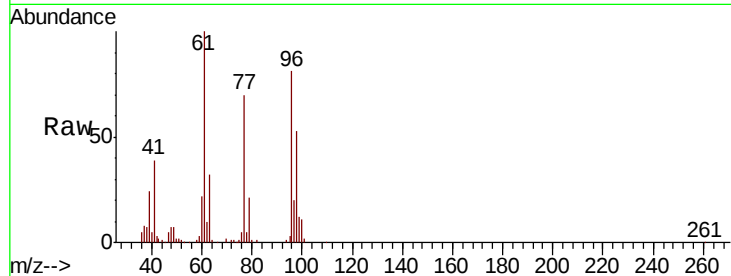


#27

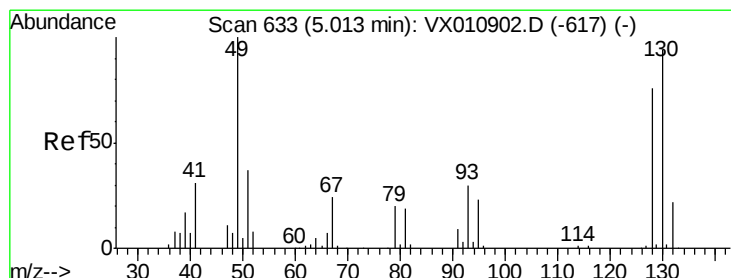
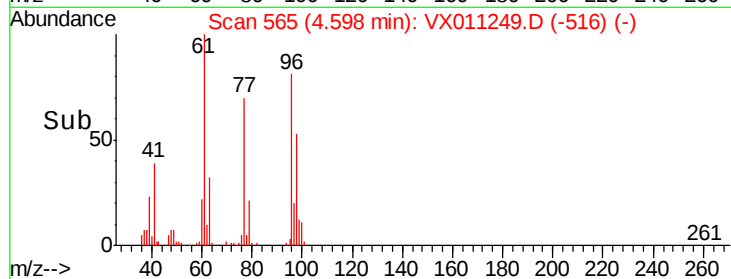
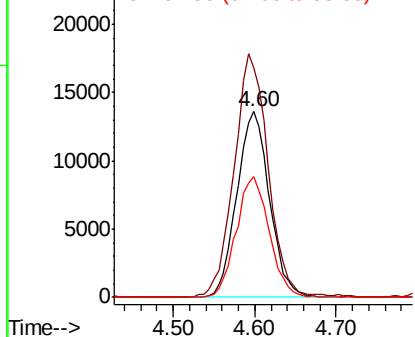
cis-1,2-Dichloroethene
 Concen: 18.164 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Tot Ion: 96 Resp: 37891
 Ion Ratio Lower Upper
 96 100
 61 136.3 0.0 269.0
 98 65.3 0.0 131.4



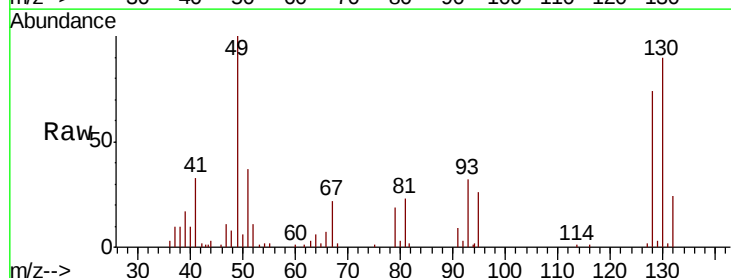
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



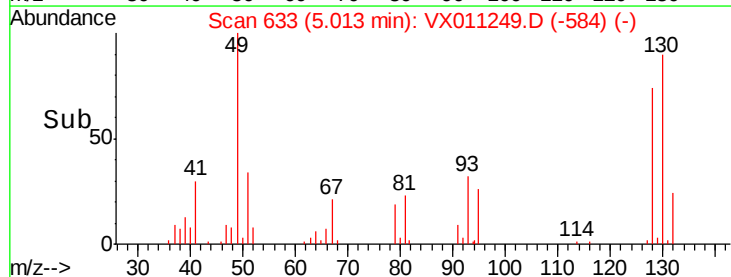
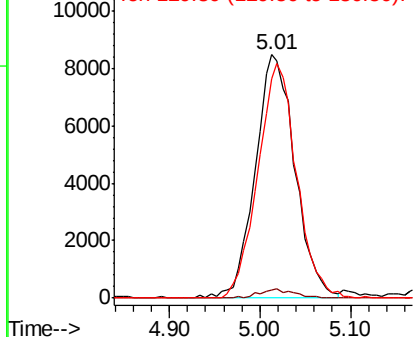
#28

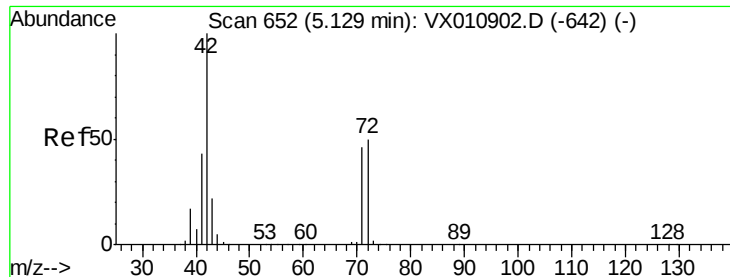
Bromochloromethane
 Concen: 18.045 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

Tgt Ion: 49 Resp: 25700
 Ion Ratio Lower Upper
 49 100
 129 3.3 0.0 5.2
 130 93.9 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: 95.427 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

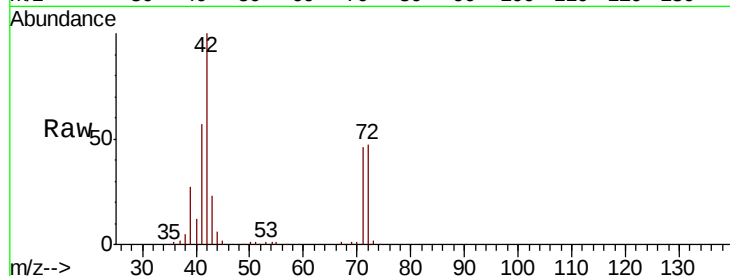
Tot Ion: 42 Resp: 79515

Ion Ratio Lower Upper

42 100

72 49.2 39.8 59.8

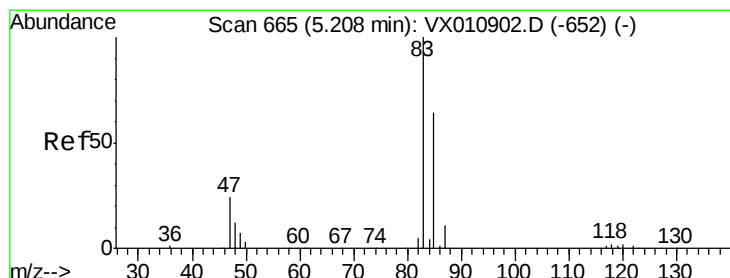
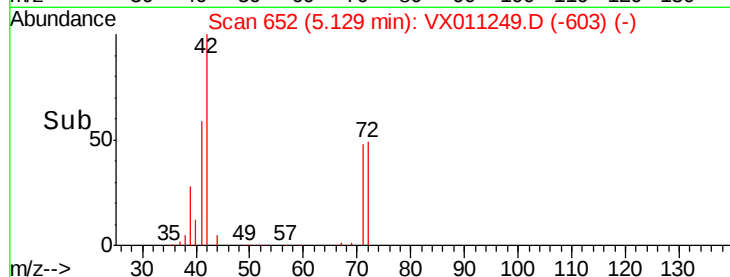
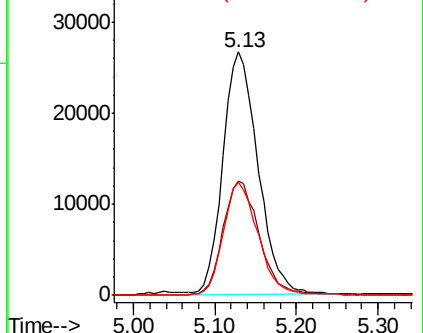
71 46.0 37.0 55.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.143 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX011249.D

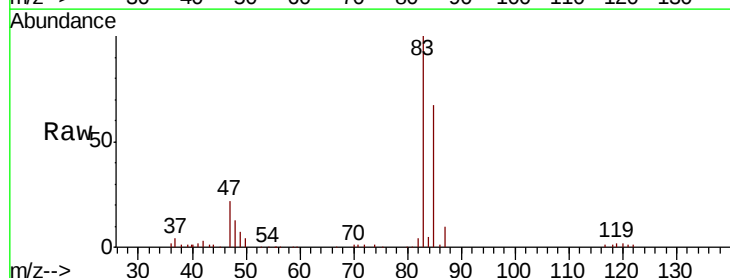
Acq: 31 Jul 2019 17:40

Tgt Ion: 83 Resp: 62535

Ion Ratio Lower Upper

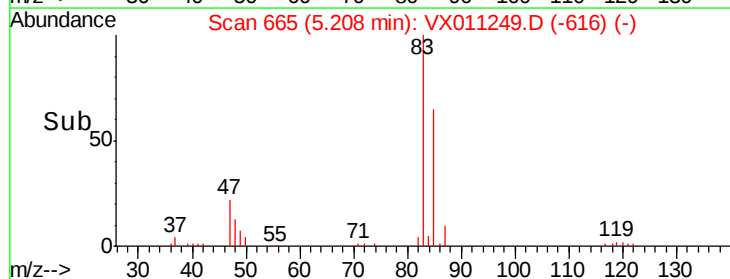
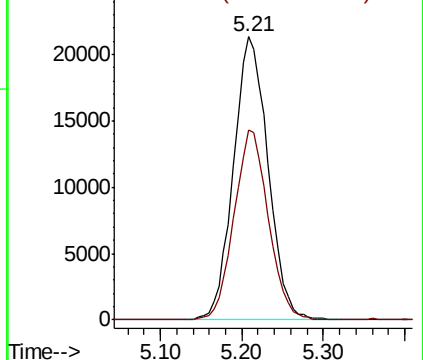
83 100

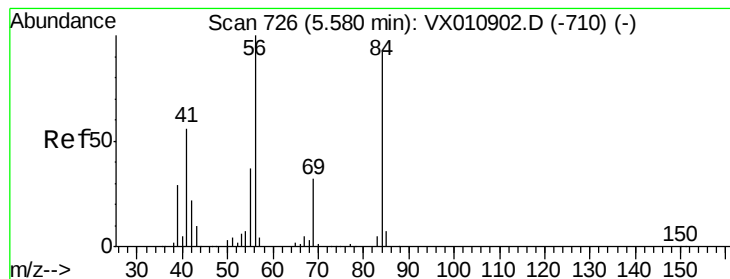
85 66.7 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 17.279 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

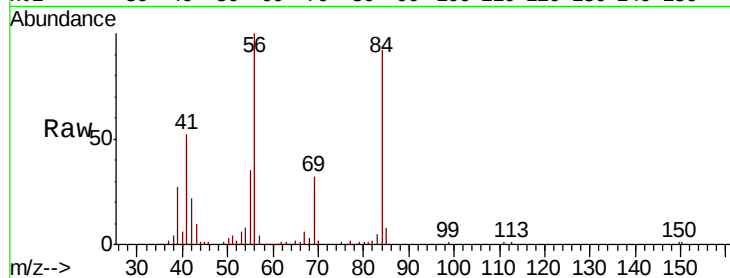
Tot Ion: 56 Resp: 47601

Ion Ratio Lower Upper

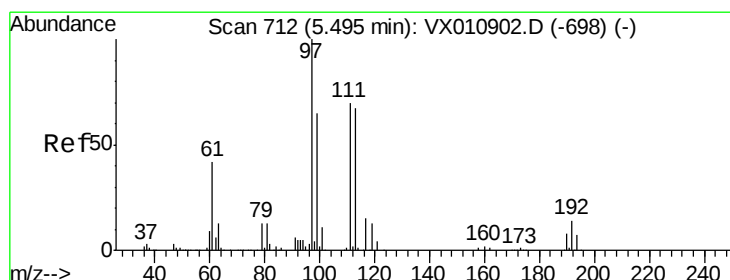
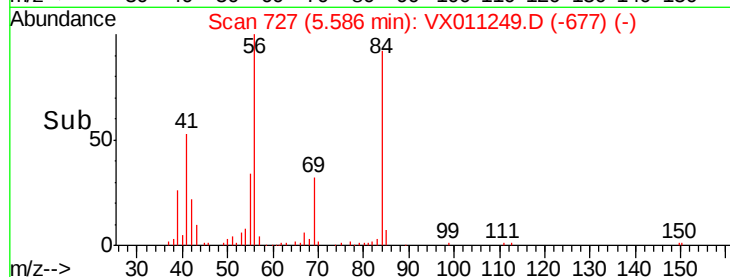
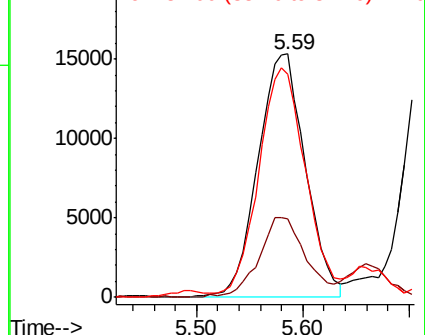
56 100

69 32.4 25.8 38.8

84 89.1 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: 19.042 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

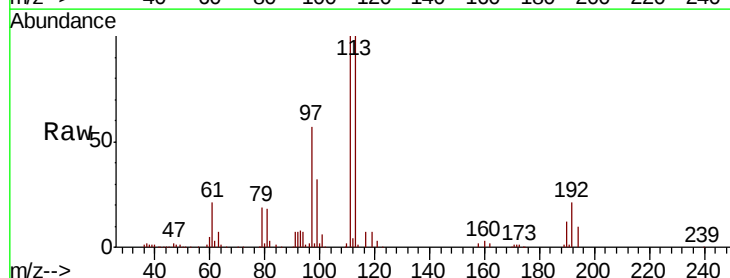
Tgt Ion: 97 Resp: 53820

Ion Ratio Lower Upper

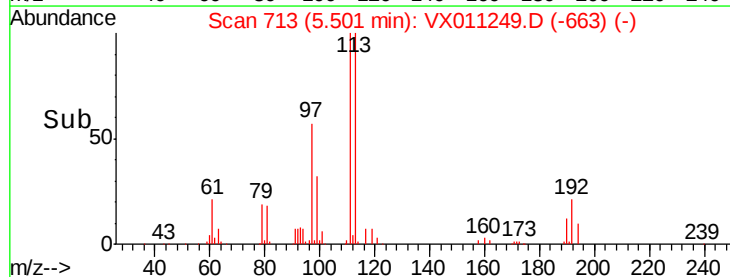
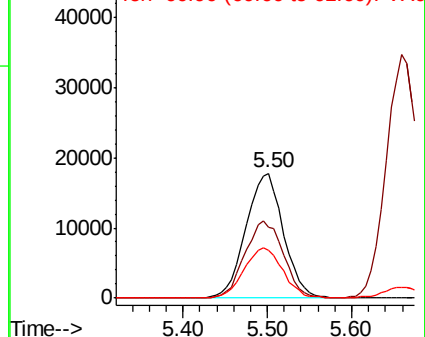
97 100

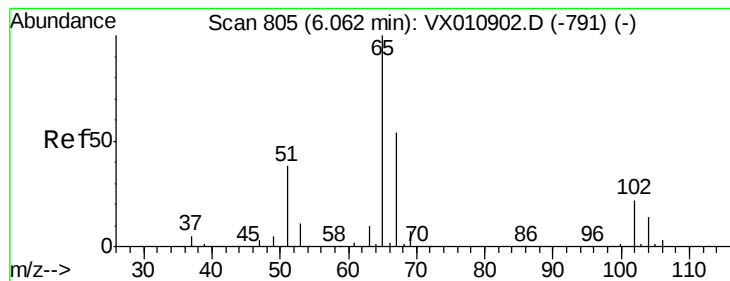
99 63.6 51.4 77.0

61 41.7 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: 49.612 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

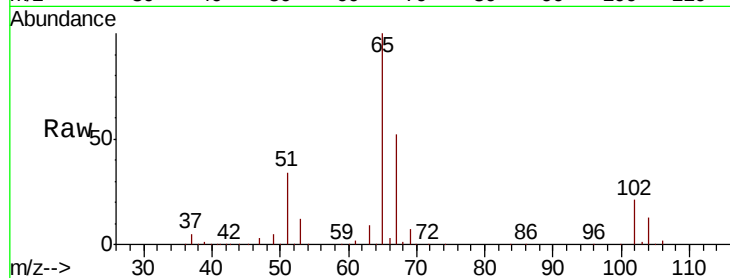
VX0731WBS01

Tot Ion: 65 Resp: 100661

Ion Ratio Lower Upper

65 100

67 52.2 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

30000

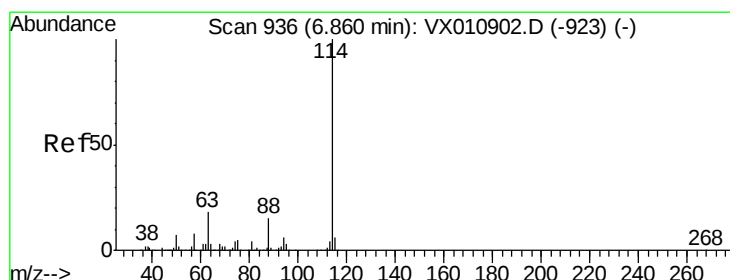
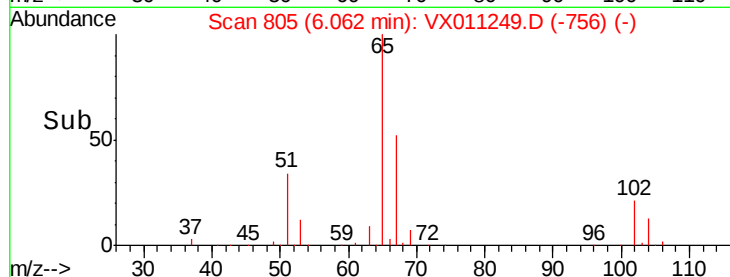
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

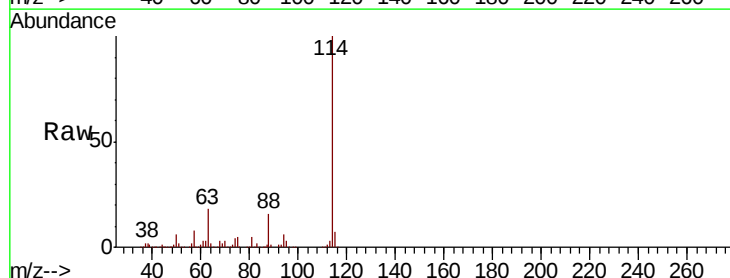
Tgt Ion: 114 Resp: 277881

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.6

88 15.5 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.86

150000

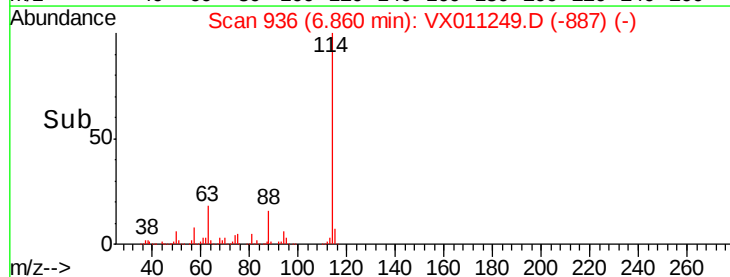
100000

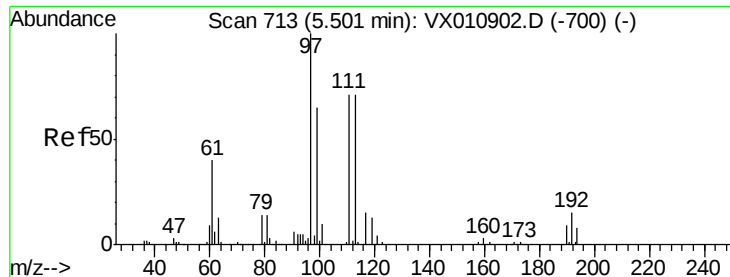
50000

0

6.80 6.90

Time-->

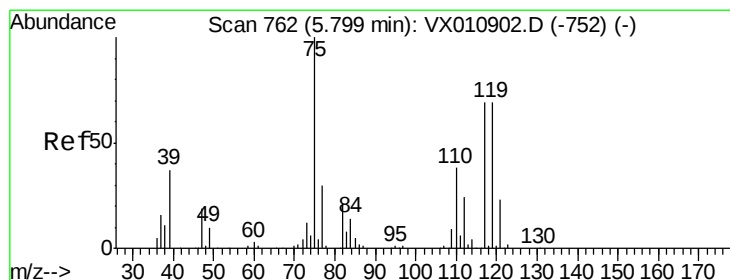
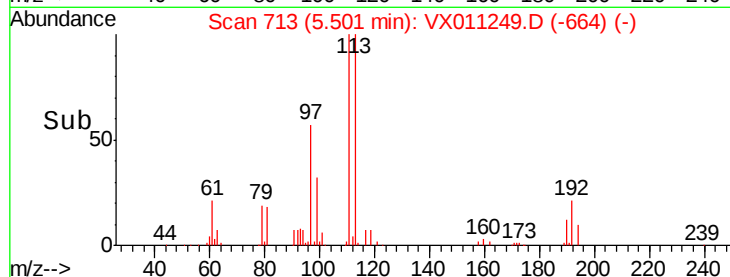
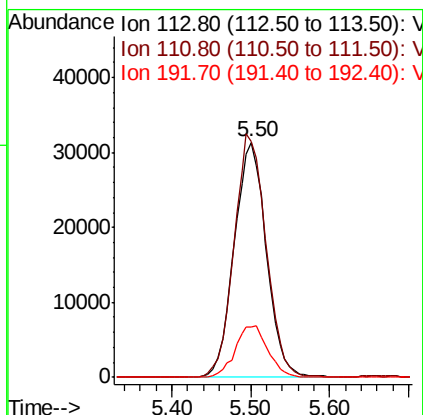
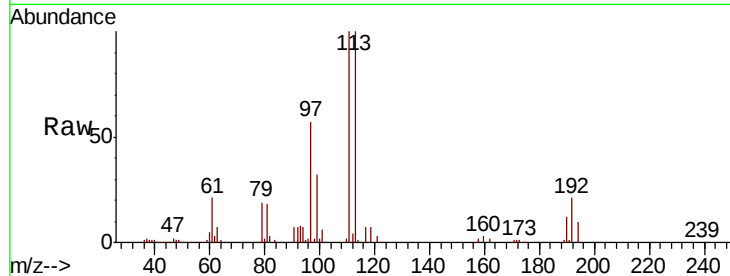




#35
 Dibromofluoromethane
 Concen: 50.393 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

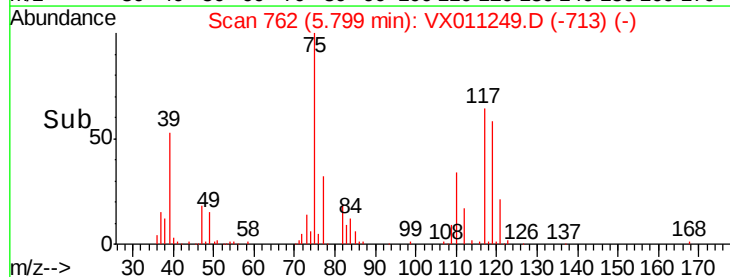
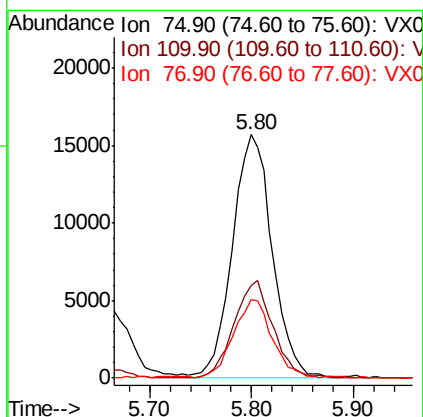
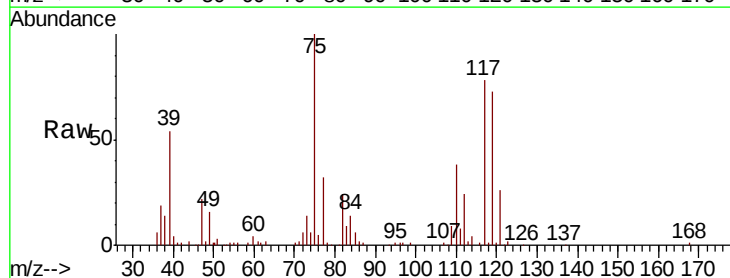
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

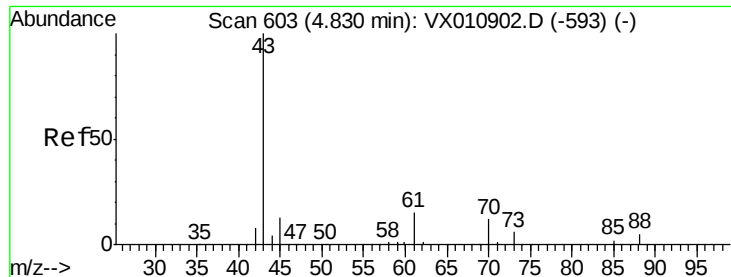
Tot Ion:113 Resp: 88882
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.3 123.5
 192 22.5 17.4 26.2



#36
 1,1-Dichloropropene
 Concen: 18.432 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

Tgt Ion: 75 Resp: 42071
 Ion Ratio Lower Upper
 75 100
 110 39.5 19.9 59.7
 77 31.8 25.0 37.4

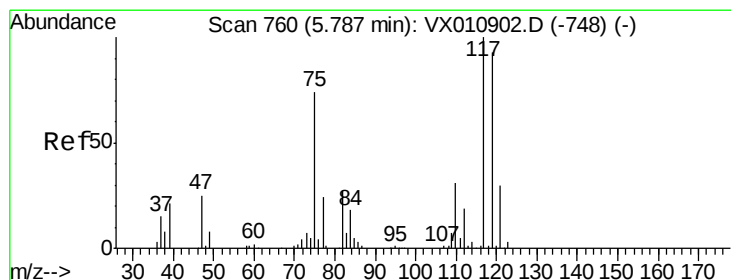
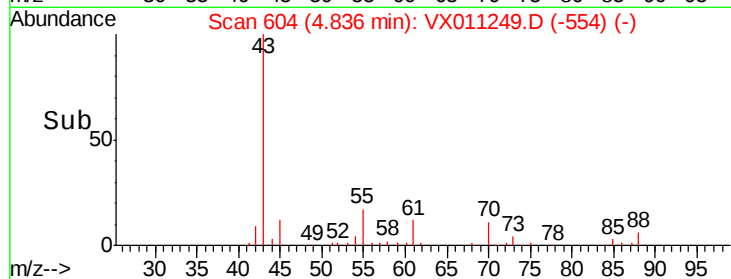
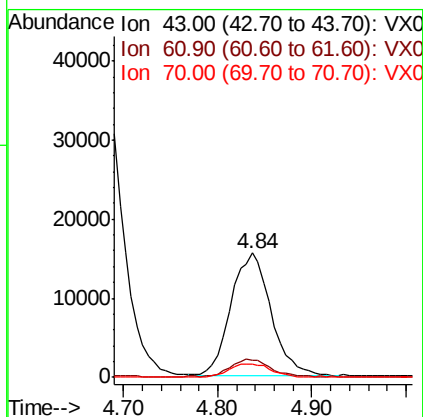
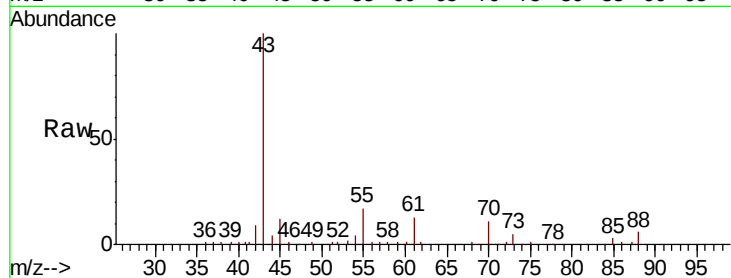




#37
Ethyl Acetate
Concen: 19.489 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

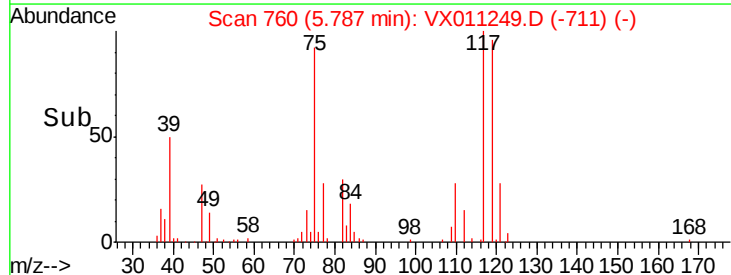
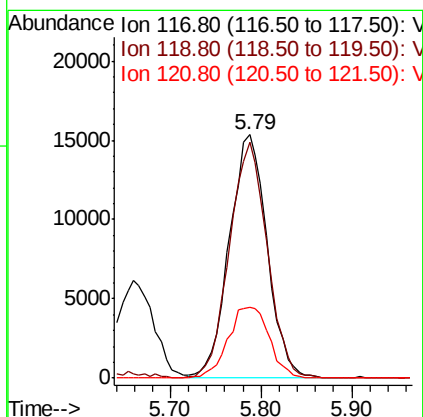
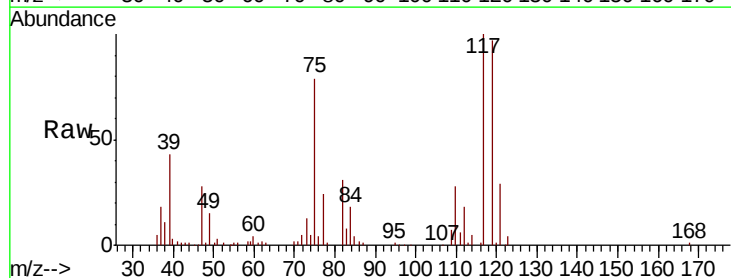
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

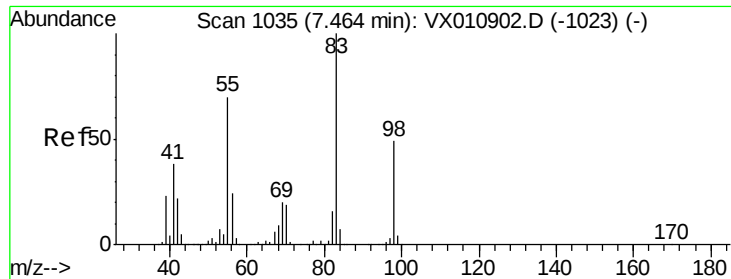
Tot Ion: 43 Resp: 45551
Ion Ratio Lower Upper
43 100
61 15.3 11.6 17.4
70 11.8 9.1 13.7



#38
Carbon Tetrachloride
Concen: 18.612 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion: 117 Resp: 44269
Ion Ratio Lower Upper
117 100
119 96.6 74.2 111.2
121 29.0 24.2 36.2

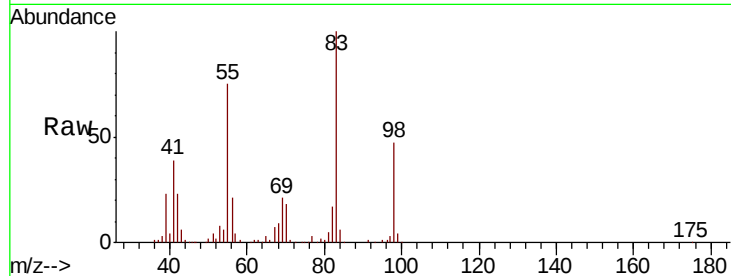




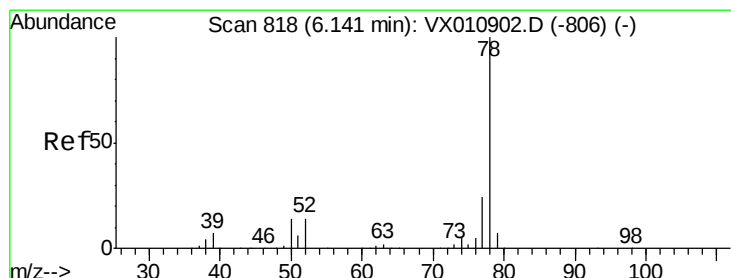
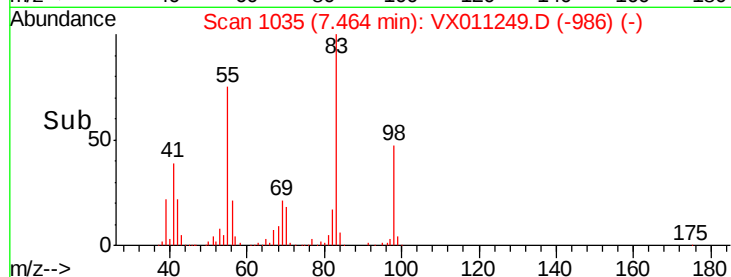
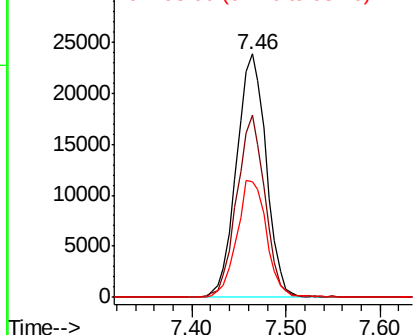
#39
Methvlcvclohexane
Concen: 17.713 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion: 83 Resp: 52430
Ion Ratio Lower Upper
83 100
55 74.8 56.2 84.4
98 47.4 39.0 58.4

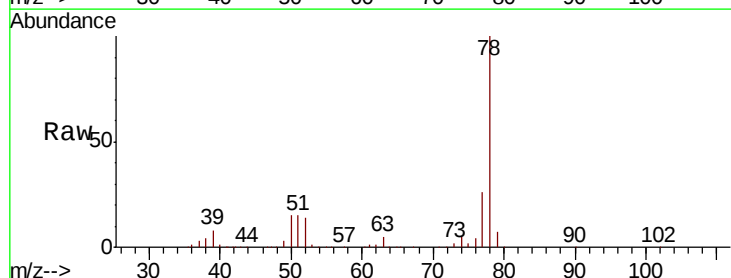


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

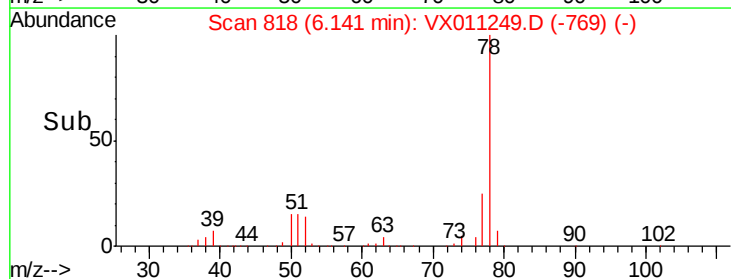
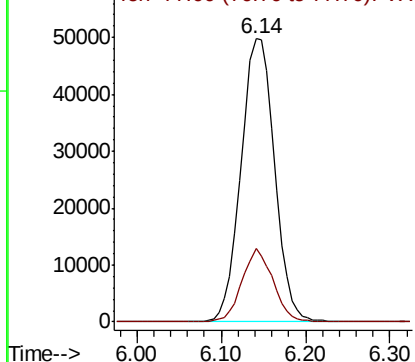


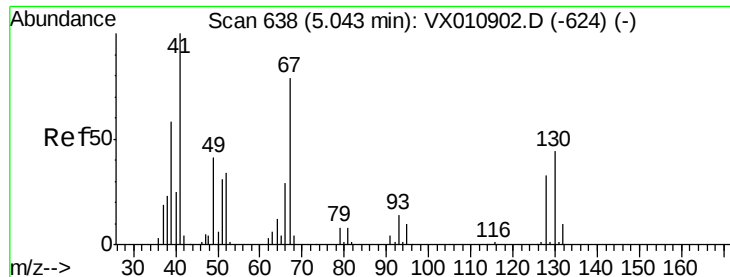
#40
Benzene
Concen: 19.200 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion: 78 Resp: 134242
Ion Ratio Lower Upper
78 100
77 26.1 19.0 28.6



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

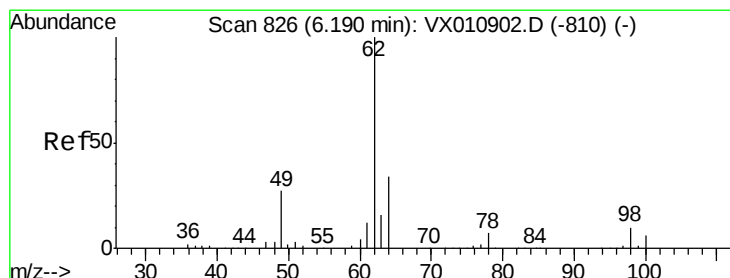
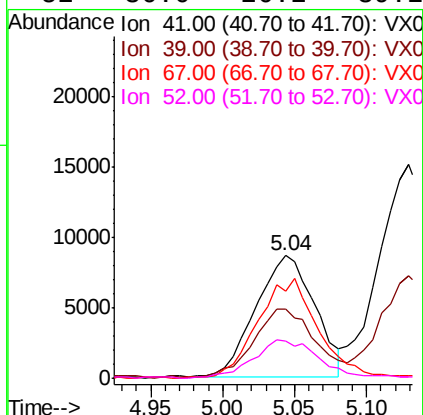
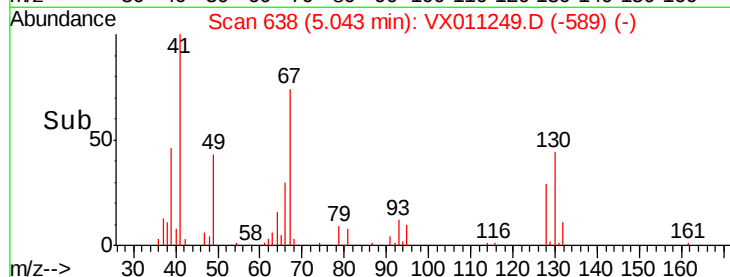
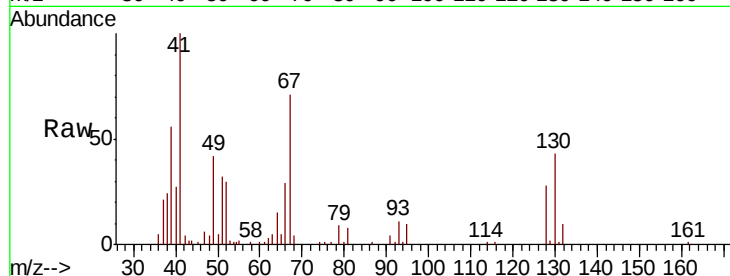




#41
Methacrylonitrile
Concen: 18.455 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

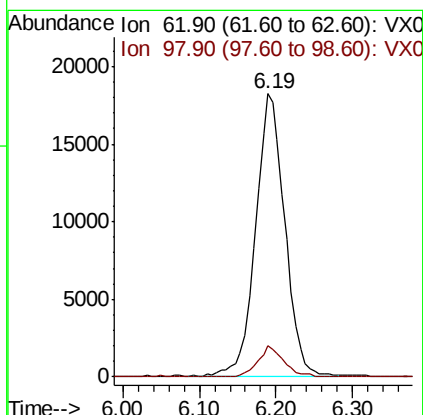
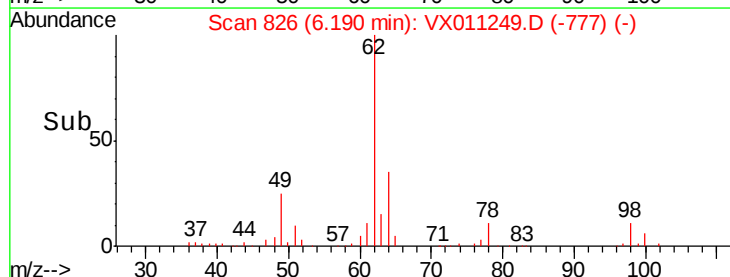
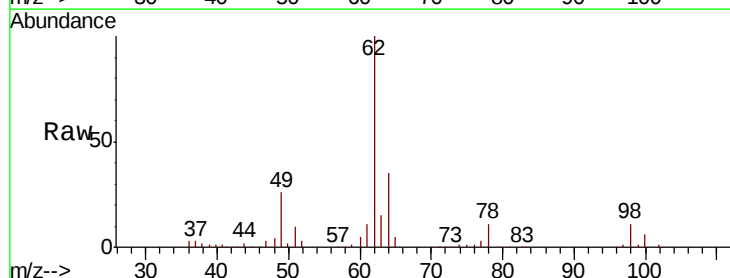
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

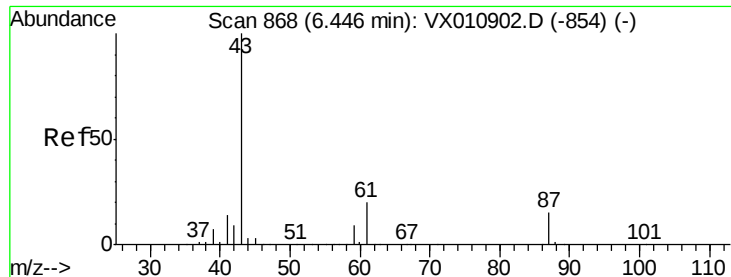
Tot Ion:	41	Resp:	24486
Ion	Ratio	Lower	Upper
41	100		
39	59.1	45.4	68.2
67	85.5	65.9	98.9
52	36.0	26.2	39.2



#42
1,2-Dichloroethane
Concen: 20.136 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion:	62	Resp:	48952
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.0





#43

Isopropyl Acetate

Concen: 19.022 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

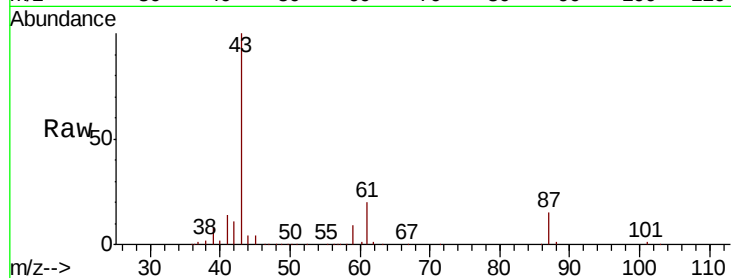
Tot Ion: 43 Resp: 73104

Ion Ratio Lower Upper

43 100

61 20.4 17.1 25.7

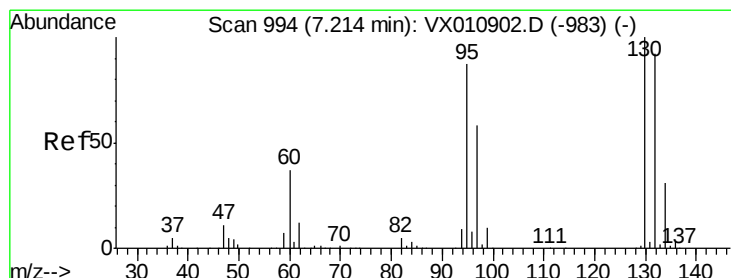
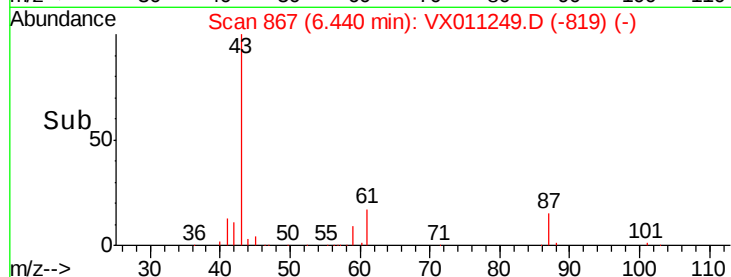
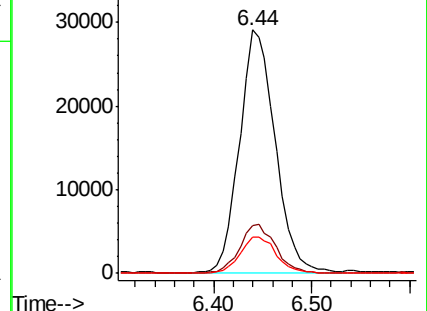
87 15.4 12.0 18.0



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: 18.618 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX011249.D

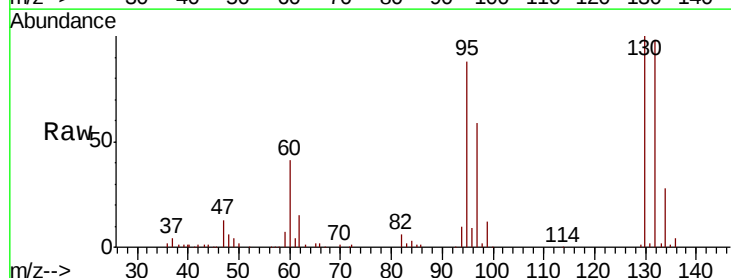
Acq: 31 Jul 2019 17:40

Tgt Ion:130 Resp: 38533

Ion Ratio Lower Upper

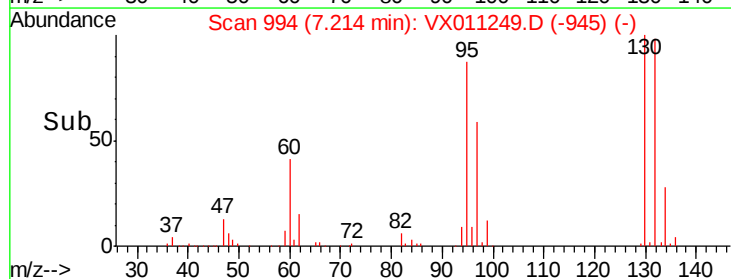
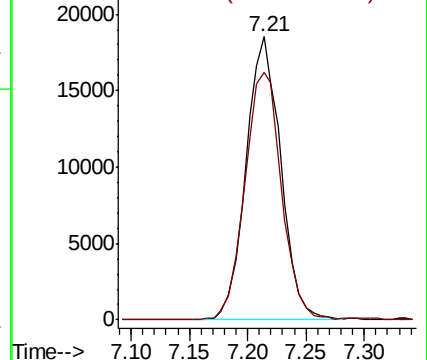
130 100

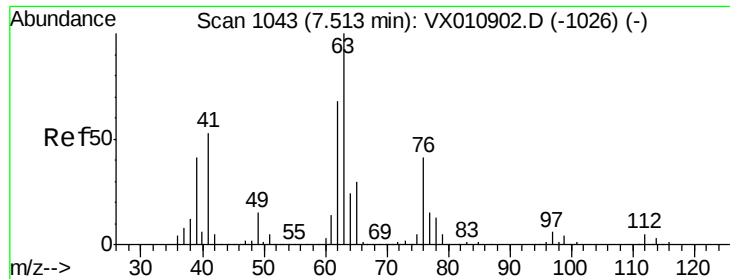
95 87.5 0.0 174.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.473 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

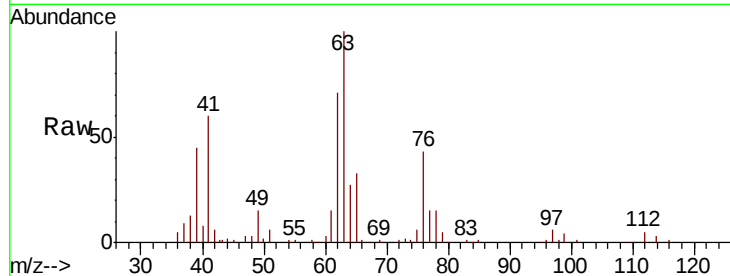
VX0731WBS01

Tot Ion: 63 Resp: 34654

Ion Ratio Lower Upper

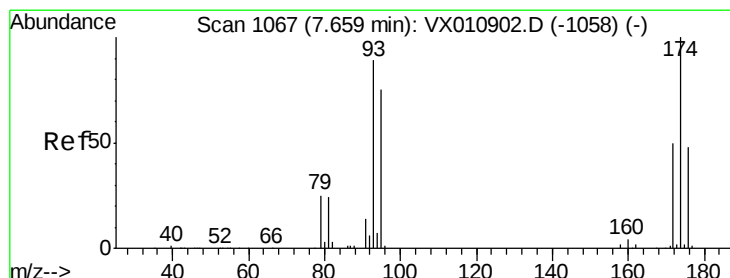
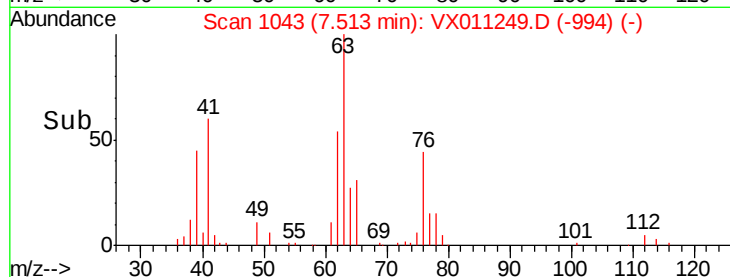
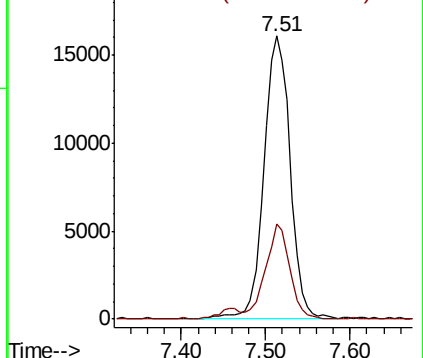
63 100

65 33.5 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.513 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

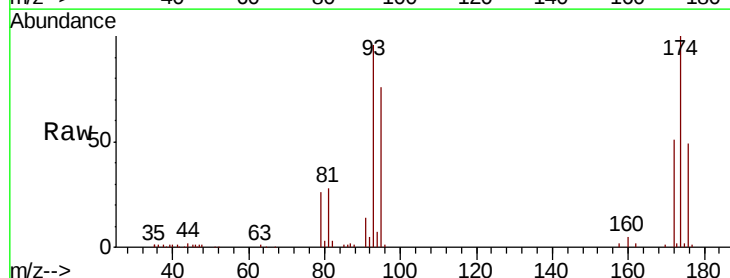
Tgt Ion: 93 Resp: 24813

Ion Ratio Lower Upper

93 100

95 84.2 67.2 100.8

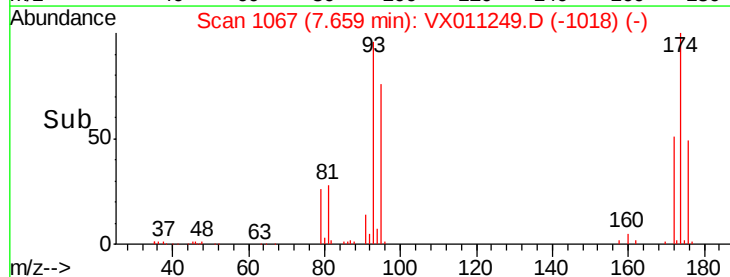
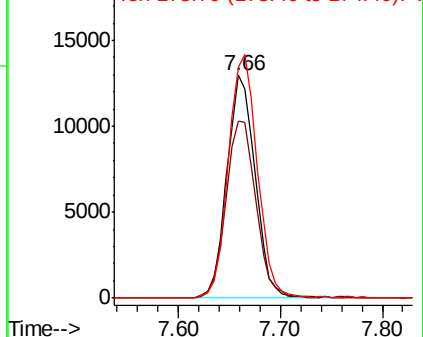
174 112.3 90.6 135.8

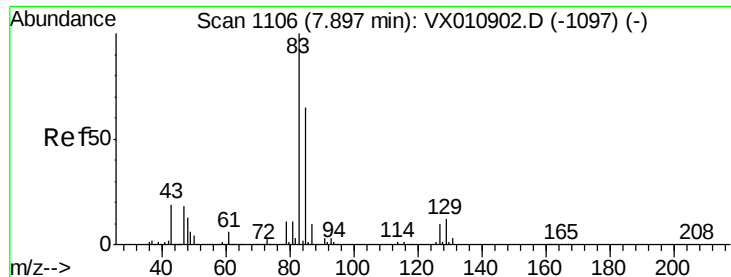


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

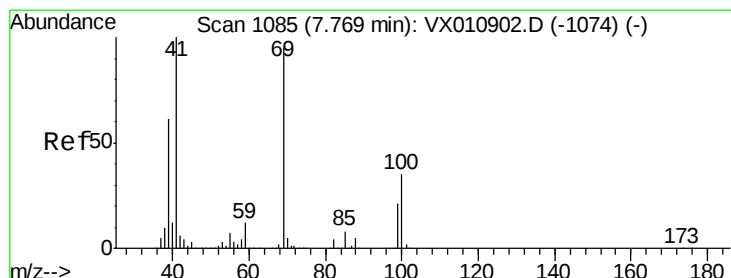
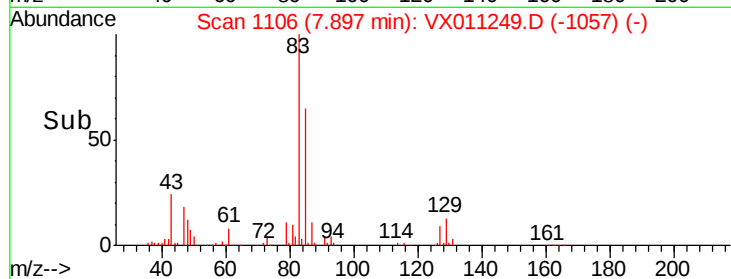
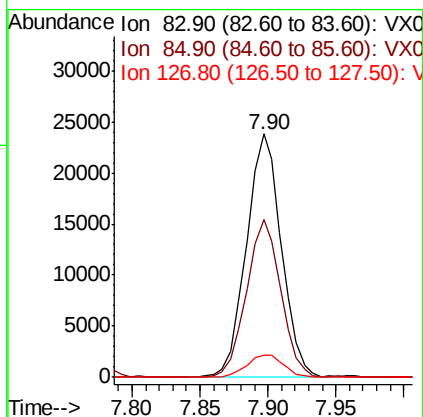
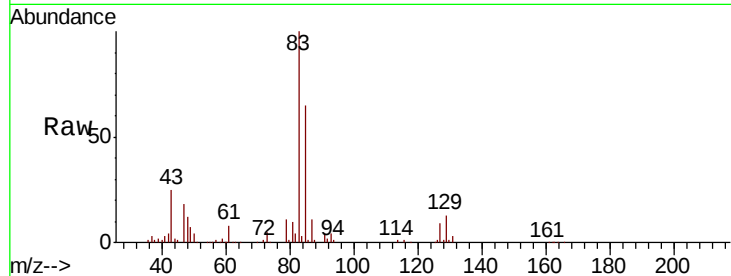




#47
Bromodichloromethane
Concen: 18.957 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

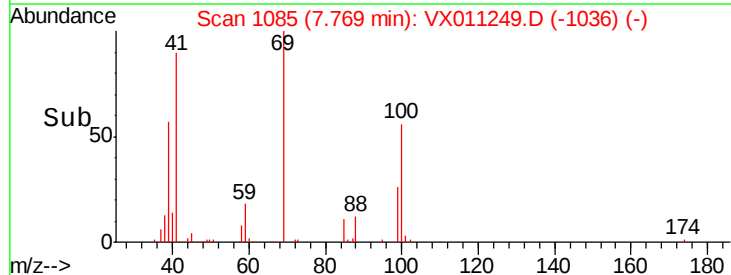
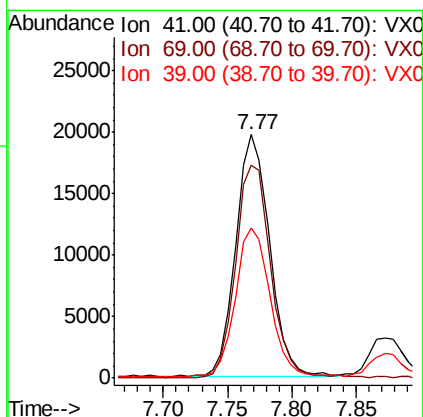
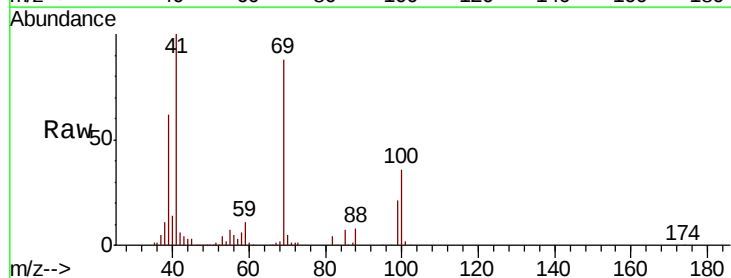
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

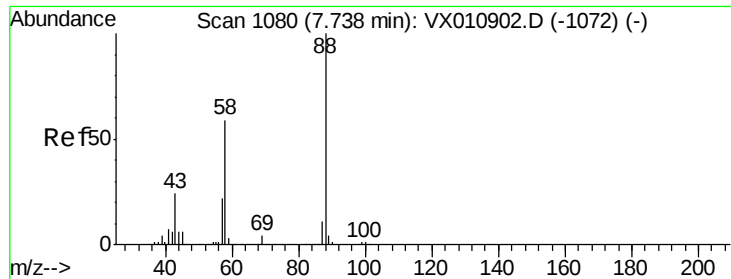
Tot Ion: 83 Resp: 42911
Ion Ratio Lower Upper
83 100
85 64.8 52.5 78.7
127 8.9 7.8 11.8



#48
Methyl methacrylate
Concen: 19.091 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion: 41 Resp: 35743
Ion Ratio Lower Upper
41 100
69 92.0 74.4 111.6
39 63.3 48.9 73.3

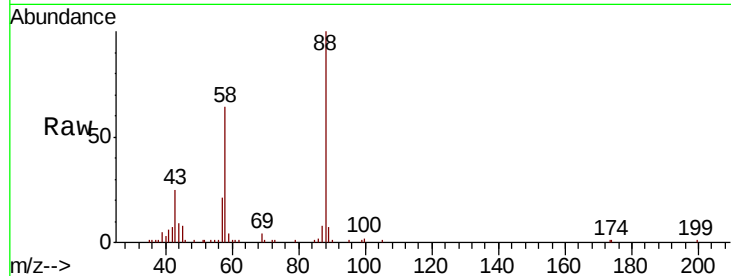




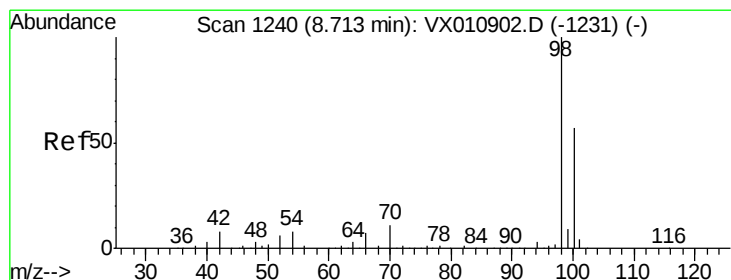
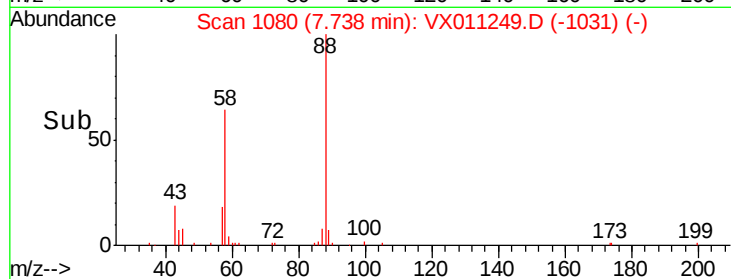
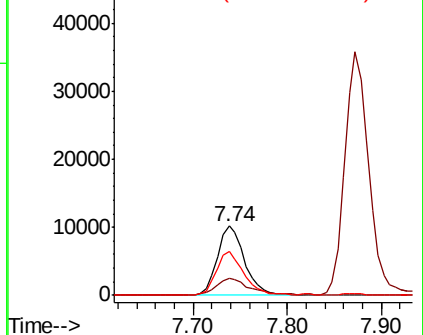
#49
1,4-Dioxane
Concen: 391.773 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion: 88 Resp: 20517
Ion Ratio Lower Upper
88 100
43 31.0 22.9 34.3
58 64.4 49.8 74.8

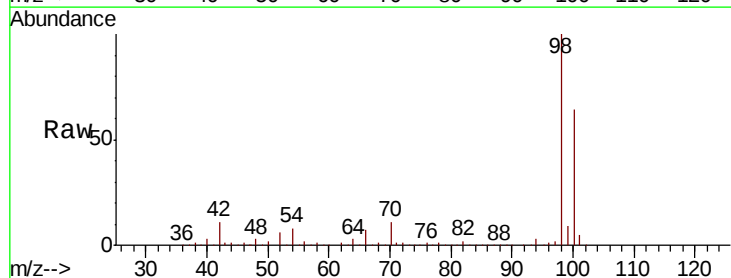


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

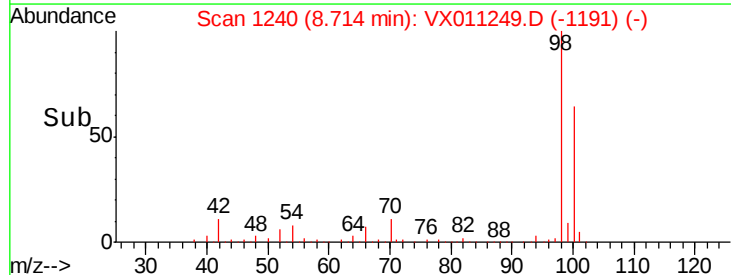
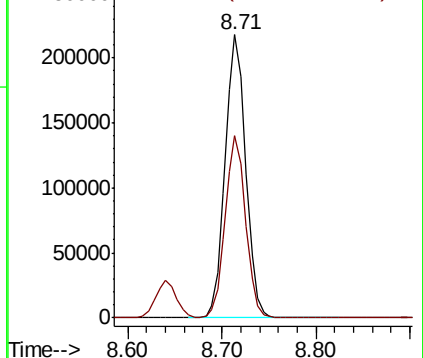


#50
Toluene-d8
Concen: 49.831 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion: 98 Resp: 329645
Ion Ratio Lower Upper
98 100
100 63.6 50.6 75.8



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





#51

4-Methyl-2-Pentanone

Concen: 102.335 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

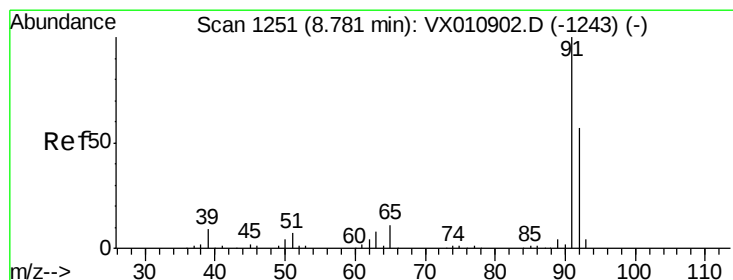
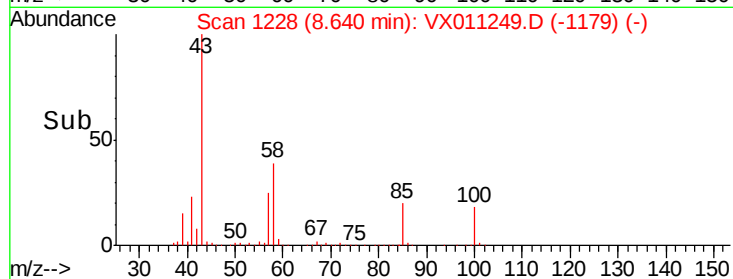
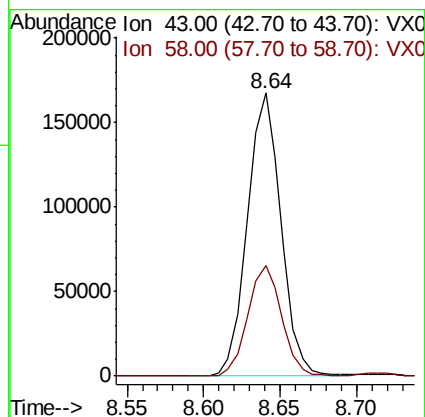
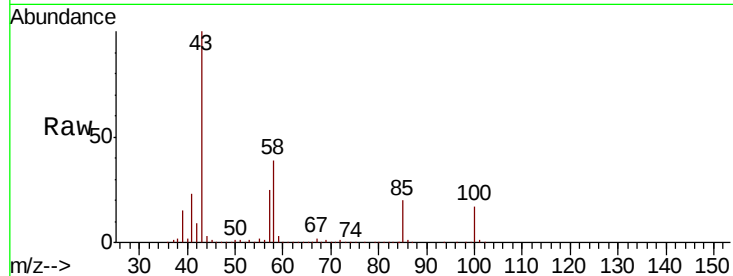
VX0731WBS01

Tot Ion: 43 Resp: 254945

Ion Ratio Lower Upper

43 100

58 39.4 32.2 48.4



#52

Toluene

Concen: 19.262 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011249.D

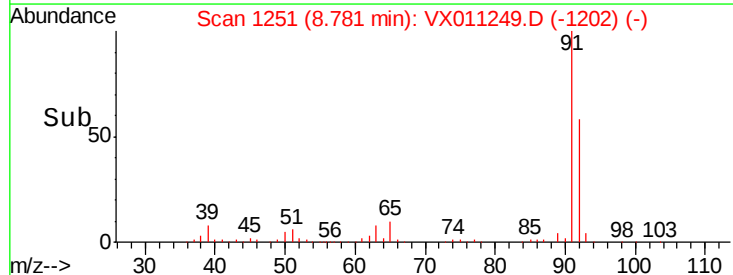
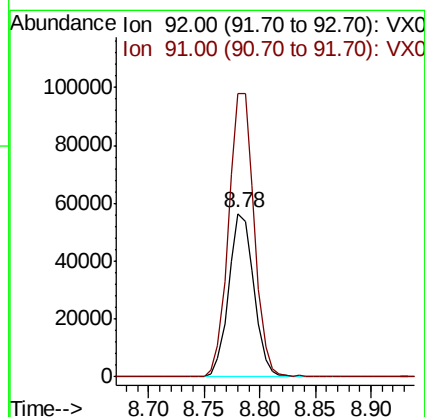
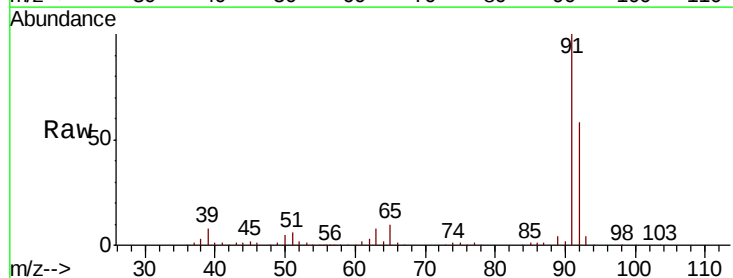
Acq: 31 Jul 2019 17:40

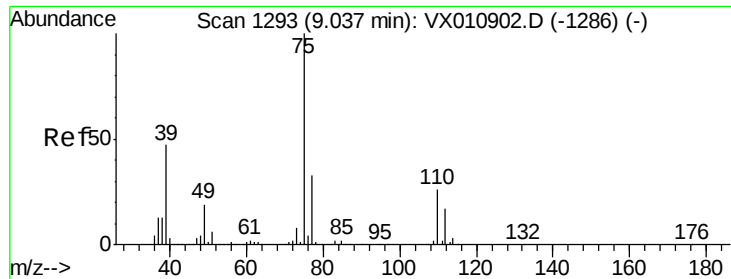
Tgt Ion: 92 Resp: 88473

Ion Ratio Lower Upper

92 100

91 175.8 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 18.089 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

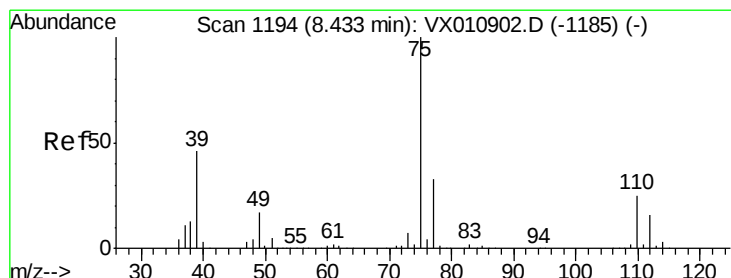
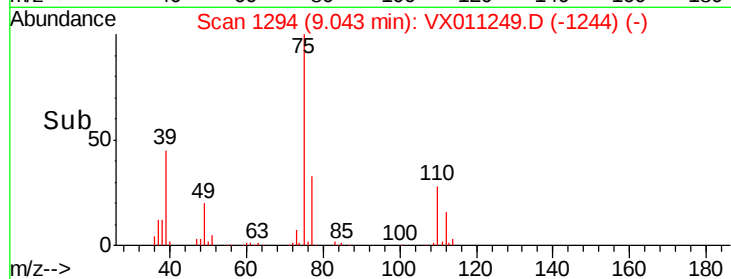
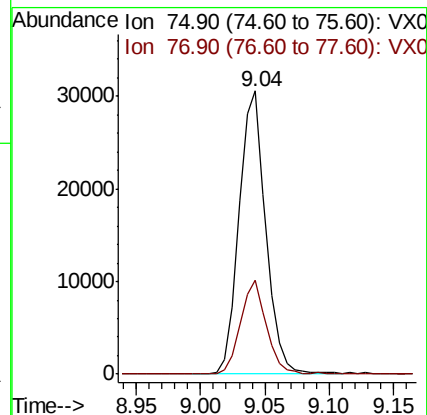
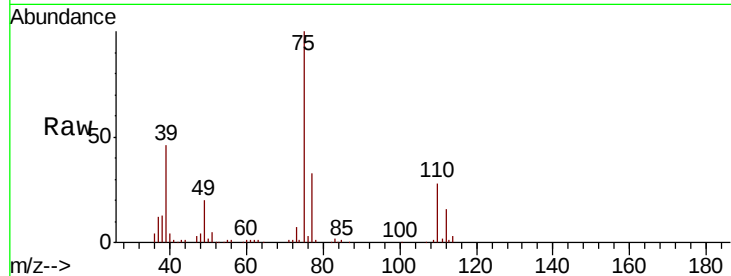
VX0731WBS01

Tot Ion: 75 Resp: 44028

Ion Ratio Lower Upper

75 100

77 33.0 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 18.695 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

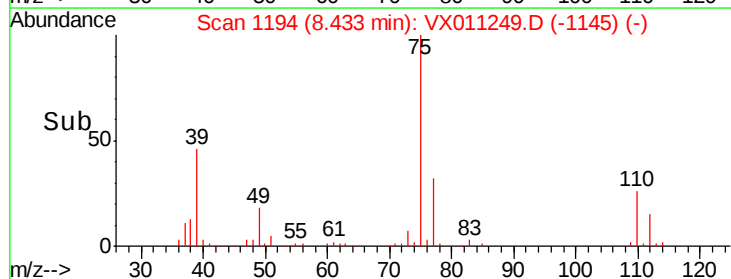
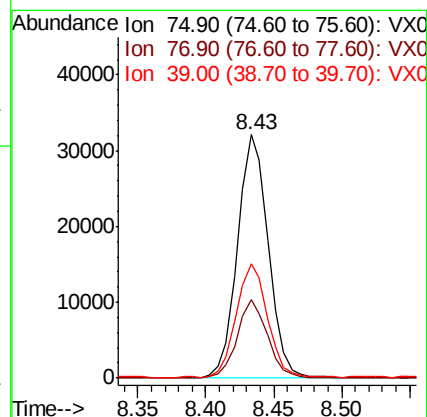
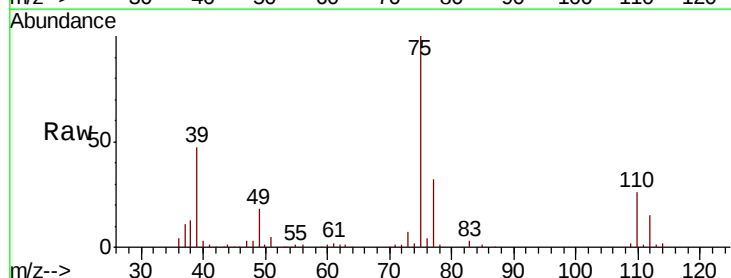
Tgt Ion: 75 Resp: 50633

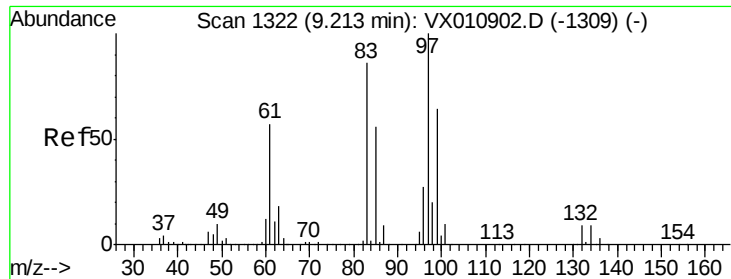
Ion Ratio Lower Upper

75 100

77 32.4 26.1 39.1

39 46.5 36.6 54.8

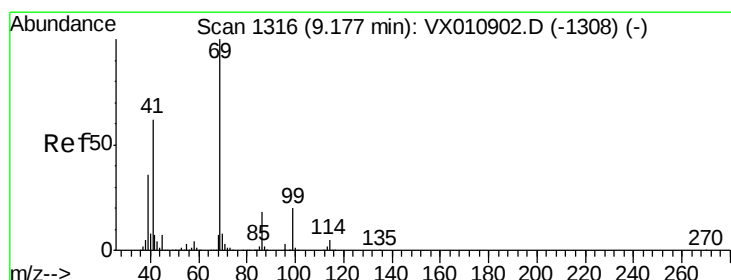
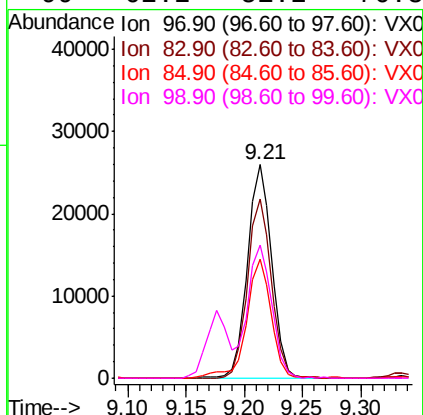
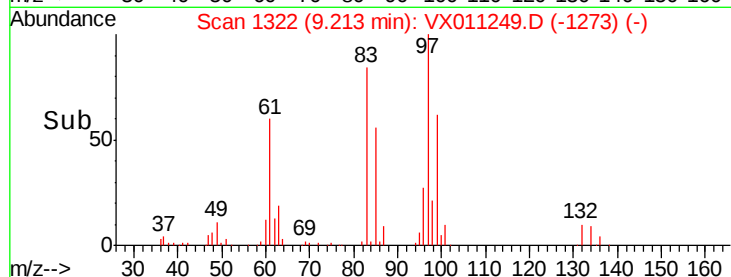
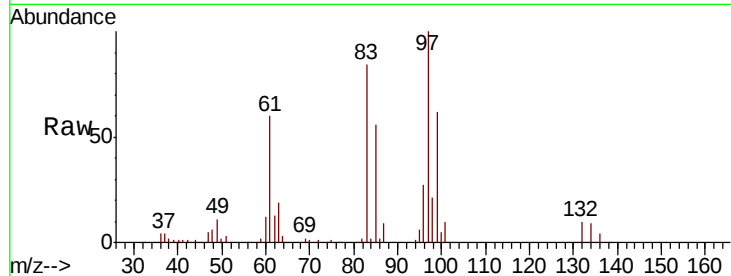




#55
 1,1,2-Trichloroethane
 Concen: 20.049 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

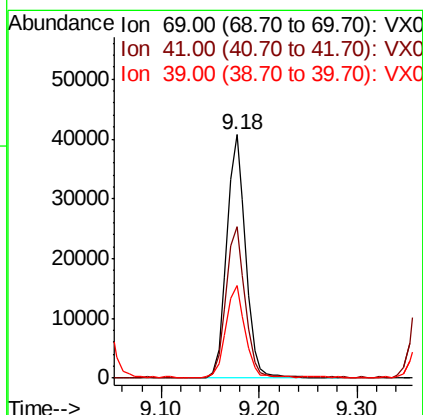
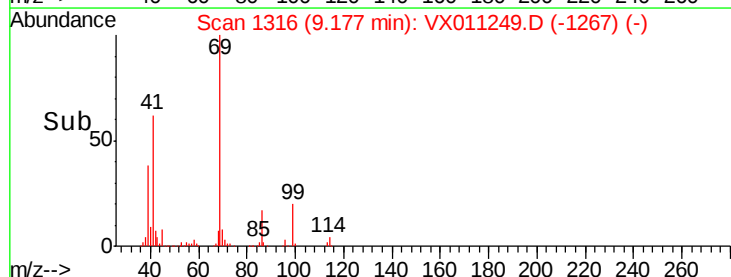
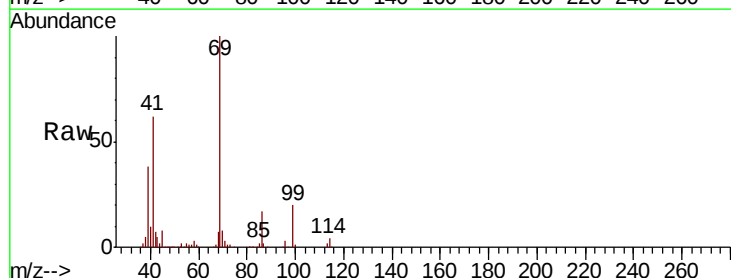
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

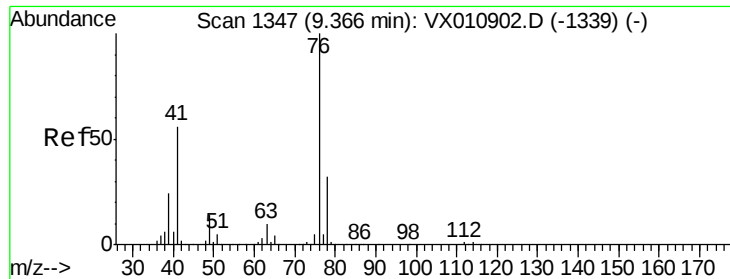
Tot Ion:	97	Resp:	37918
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.2	103.8
85	56.0	44.6	66.8
99	62.2	51.2	76.8



#56
 Ethyl methacrylate
 Concen: 19.782 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

Tgt Ion:	69	Resp:	54725
Ion	Ratio	Lower	Upper
69	100		
41	62.2	49.7	74.5
39	37.8	29.6	44.4





#57

1,3-Dichloropropane

Concen: 19.983 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

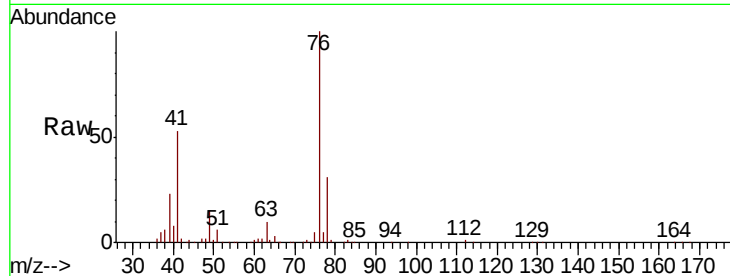
VX0731WBS01

Tot Ion: 76 Resp: 59953

Ion Ratio Lower Upper

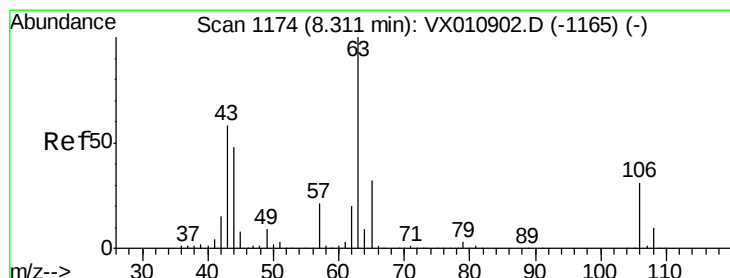
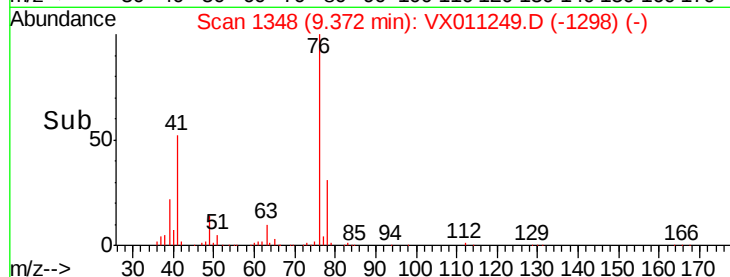
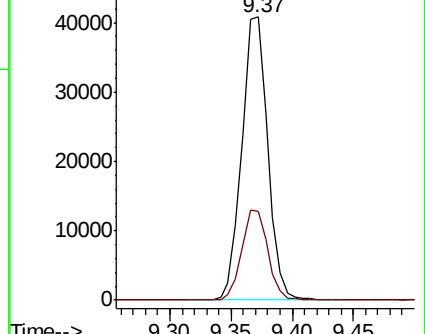
76 100

78 32.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 104.348 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX011249.D

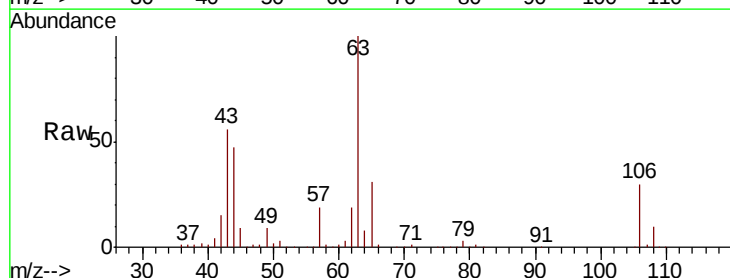
Acq: 31 Jul 2019 17:40

Tgt Ion: 63 Resp: 137799

Ion Ratio Lower Upper

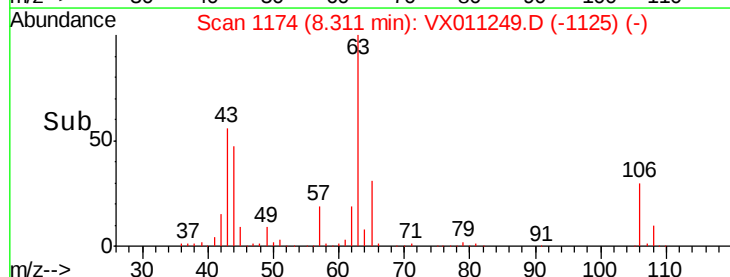
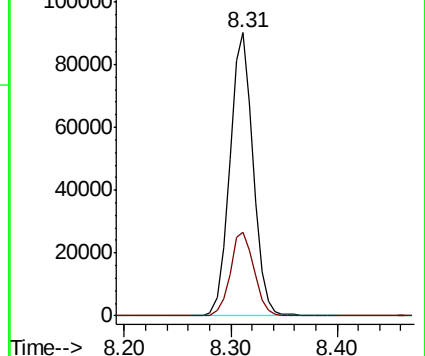
63 100

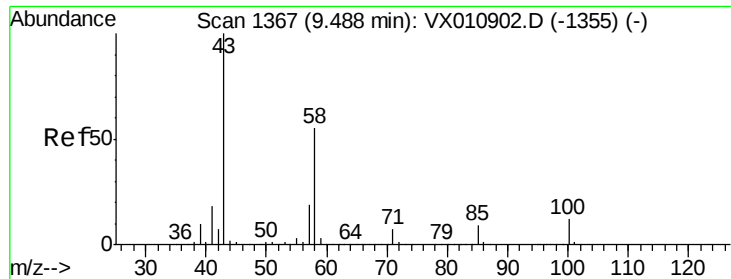
106 30.2 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

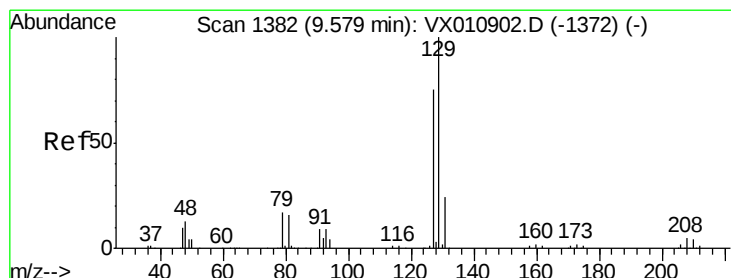
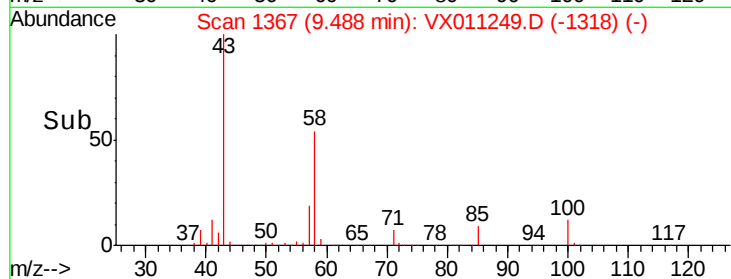
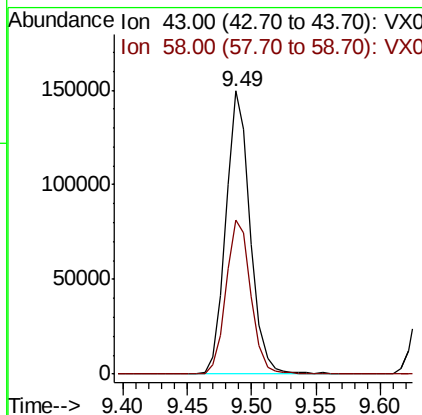
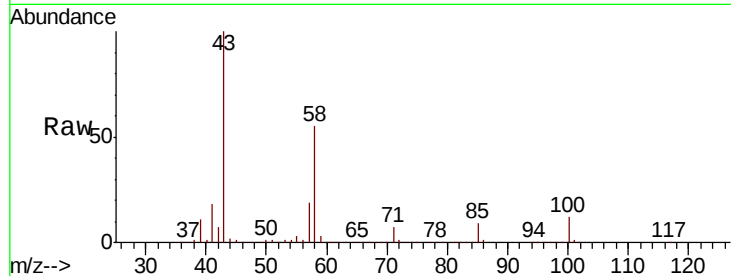




#59
 2-Hexanone
 Concen: 102.606 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

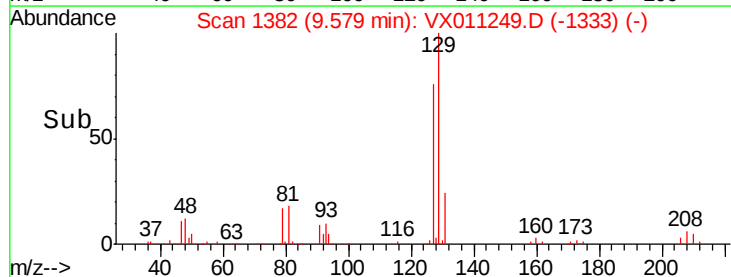
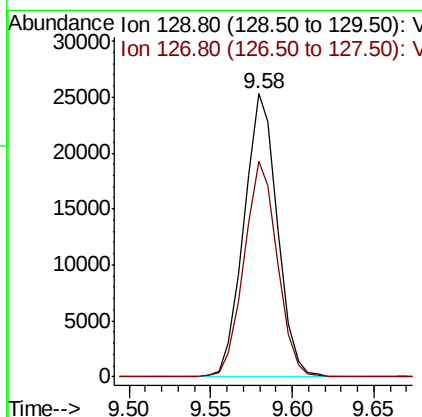
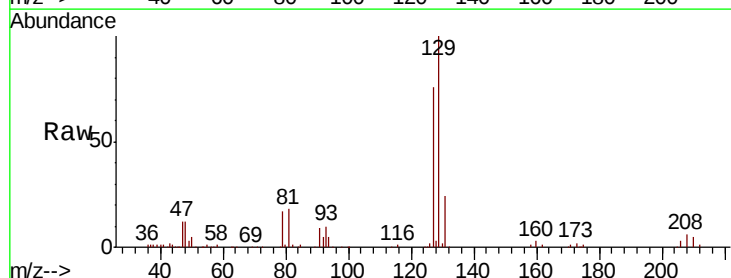
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Tot Ion: 43 Resp: 198264
 Ion Ratio Lower Upper
 43 100
 58 55.9 28.0 83.9



#60
 Dibromochloromethane
 Concen: 18.283 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

Tgt Ion:129 Resp: 36118
 Ion Ratio Lower Upper
 129 100
 127 75.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.781 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

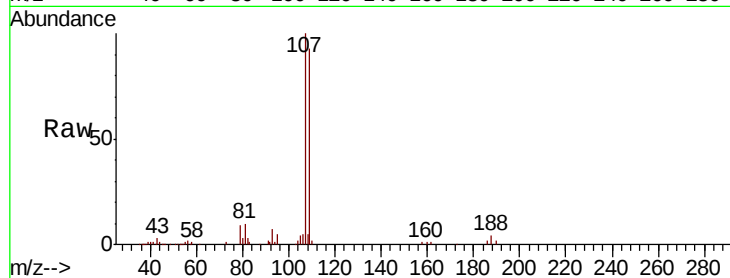
VX0731WBS01

Tot Ion:107 Resp: 39703

Ion Ratio Lower Upper

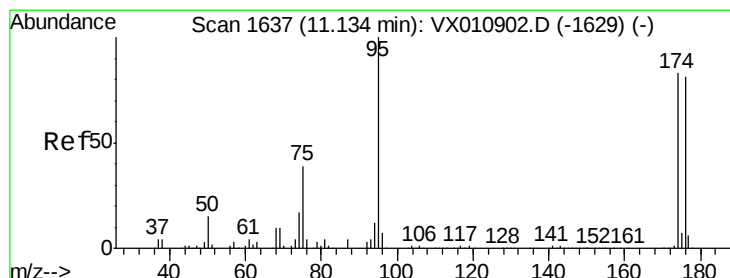
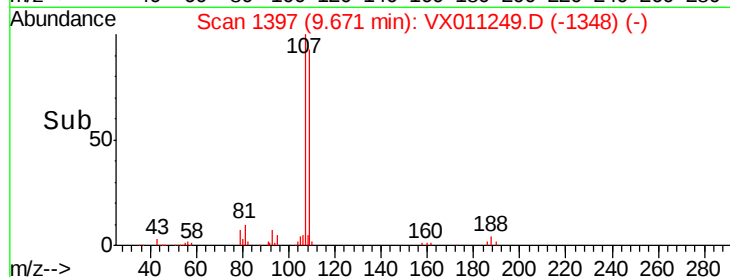
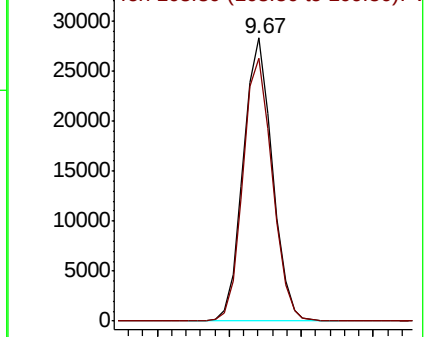
107 100

109 93.9 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.112 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

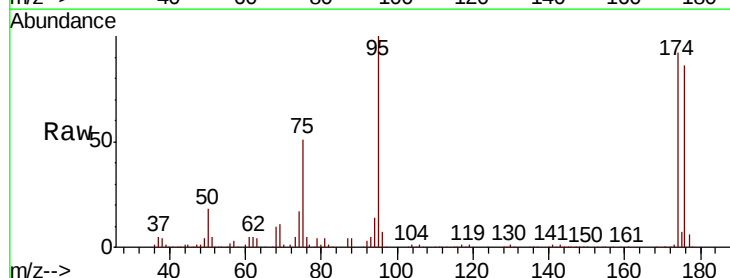
Tgt Ion: 95 Resp: 121850

Ion Ratio Lower Upper

95 100

174 91.4 0.0 180.6

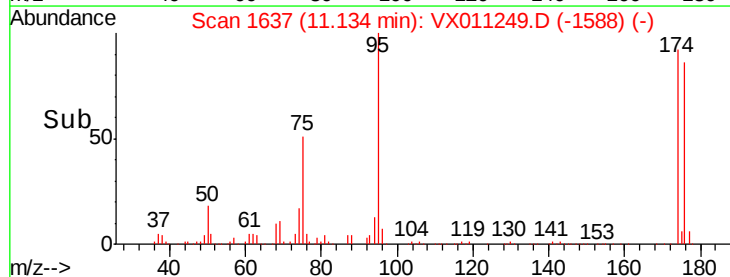
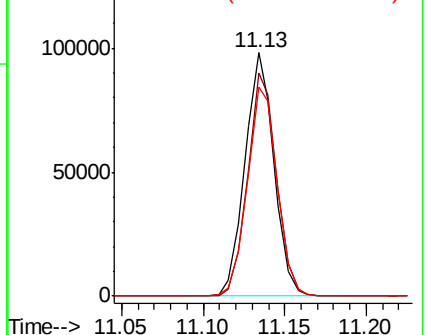
176 88.4 0.0 173.8

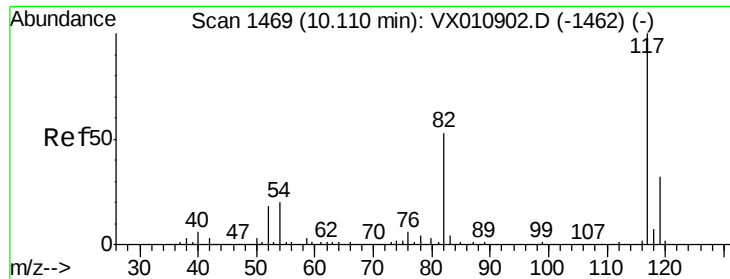


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

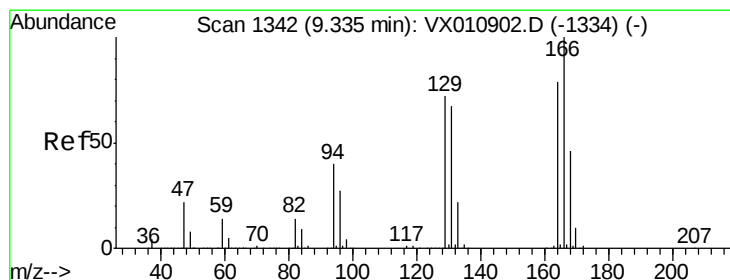
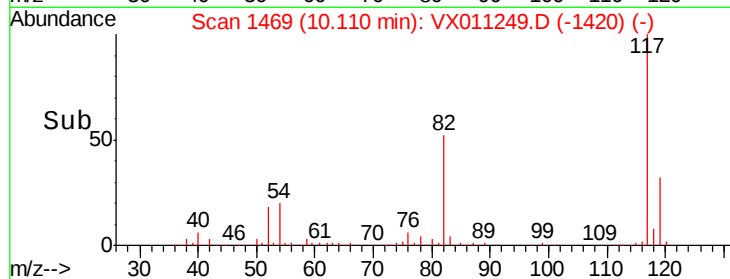
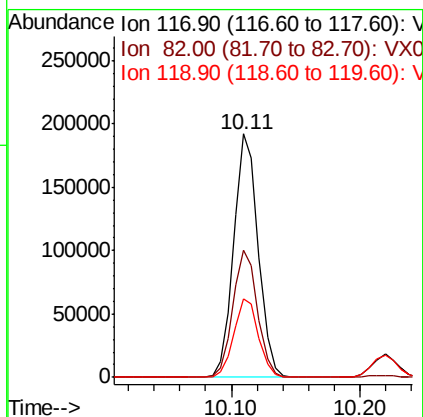
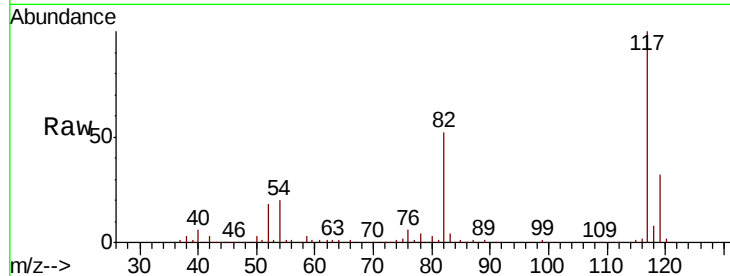




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

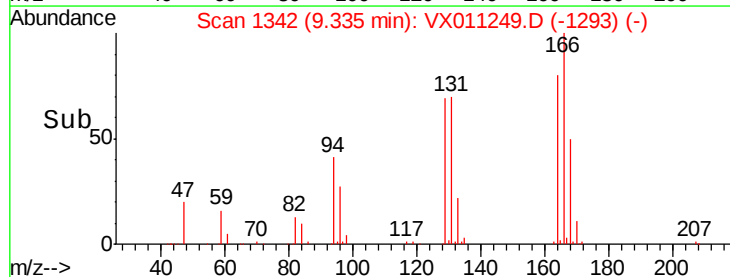
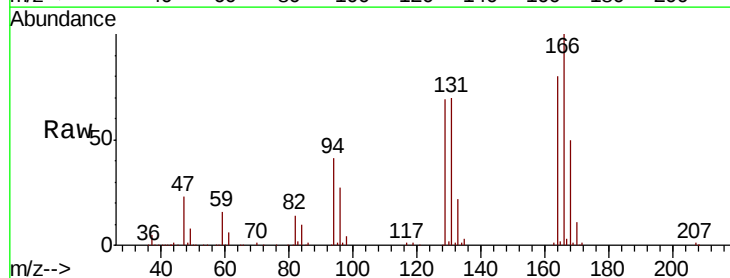
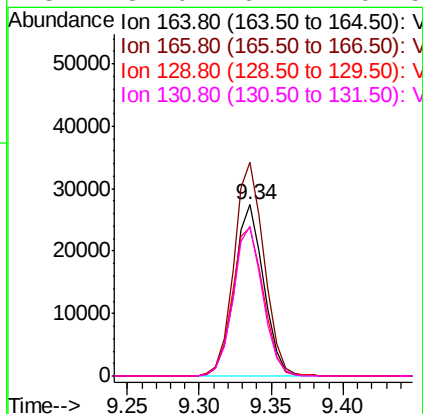
Instrument :
MSVOA_X
ClientSampled :
VX0731WBS01

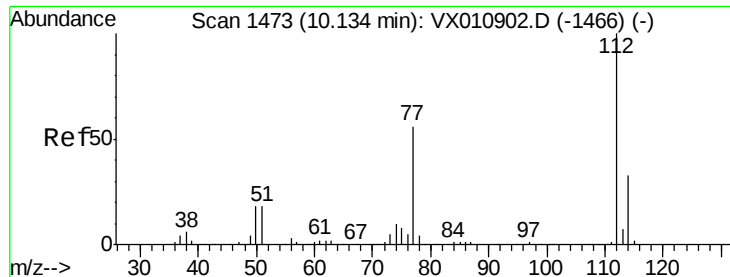
Tot Ion:117 Resp: 254951
Ion Ratio Lower Upper
117 100
82 52.1 42.6 63.8
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 19.339 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion:164 Resp: 38788
Ion Ratio Lower Upper
164 100
166 124.9 100.8 151.2
129 86.7 72.6 109.0
131 87.0 67.7 101.5

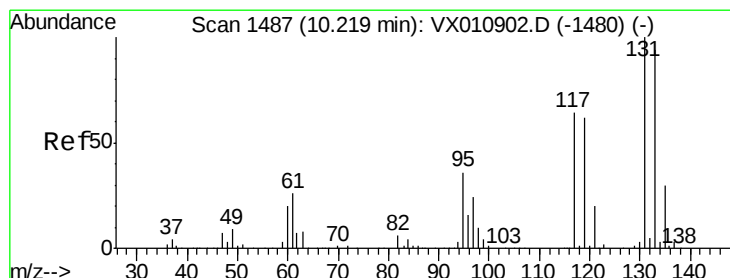
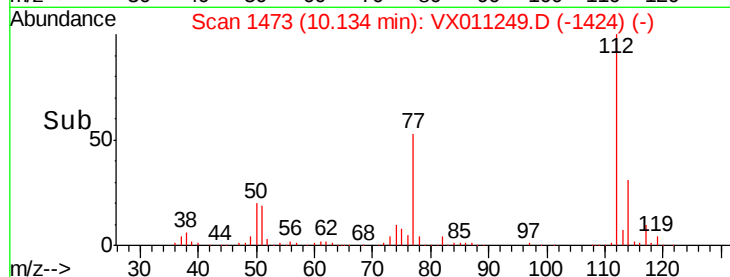
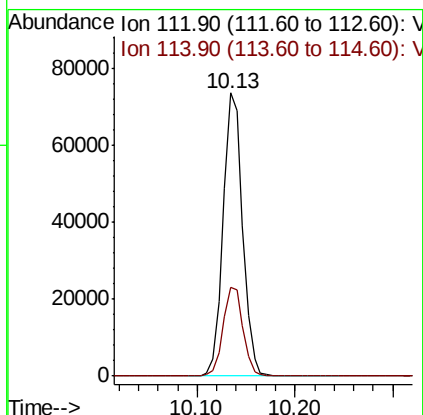
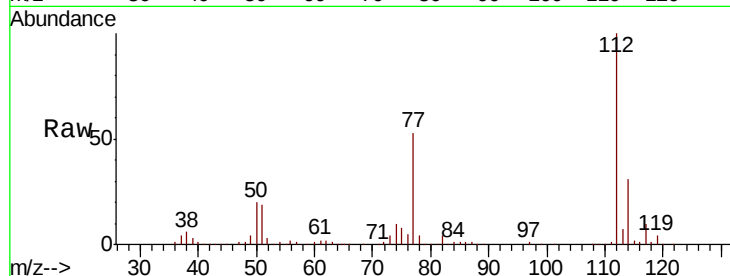




#65
Chlorobenzene
Concen: 19.396 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

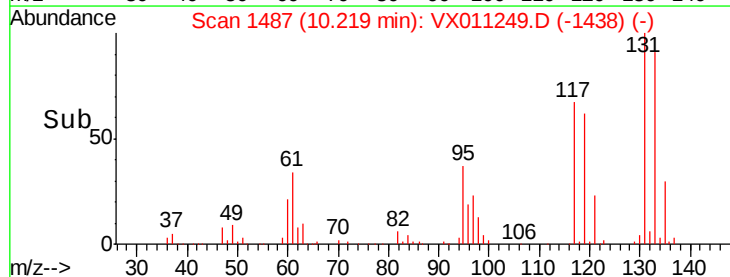
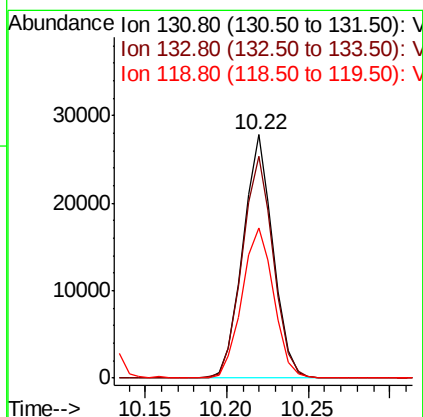
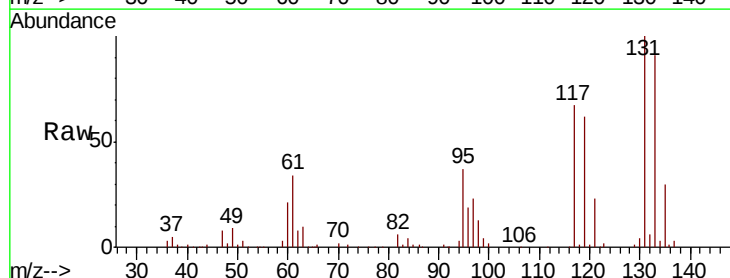
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

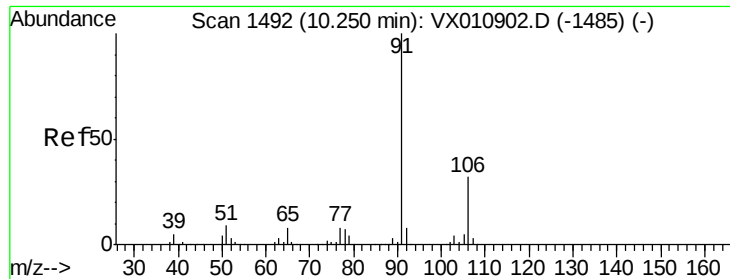
Tot Ion:112 Resp: 101564
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.404 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion:131 Resp: 35711
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 65.6 31.9 95.7





#67

Ethyl Benzene

Concen: 19.277 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

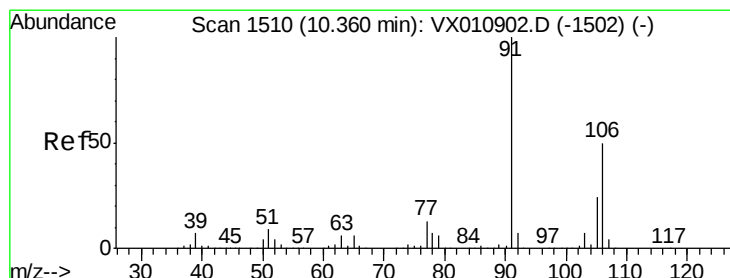
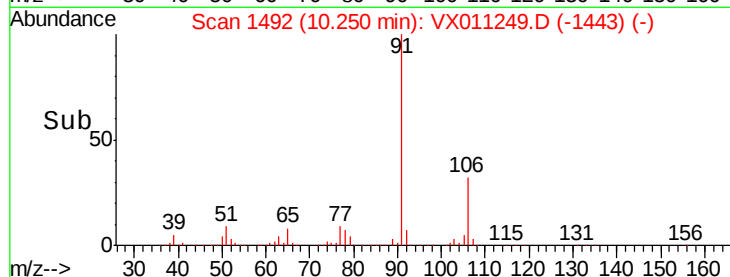
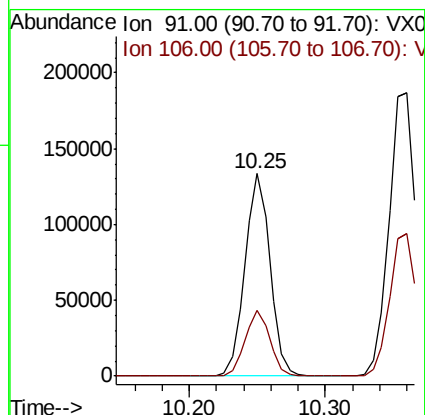
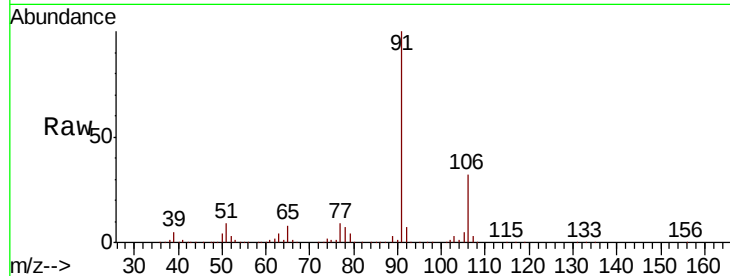
VX0731WBS01

Tot Ion: 91 Resp: 171816

Ion Ratio Lower Upper

91 100

106 32.4 25.4 38.2



#68

m/p-Xylenes

Concen: 38.123 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX011249.D

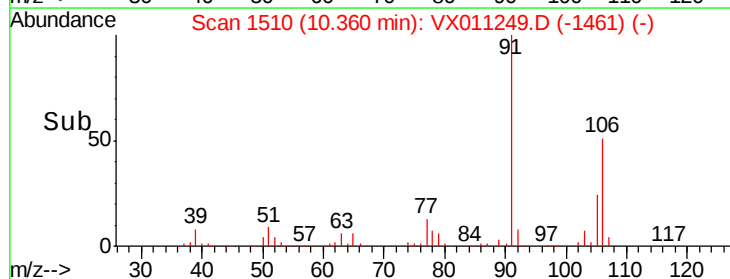
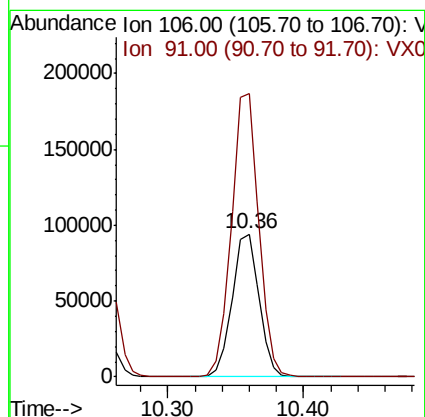
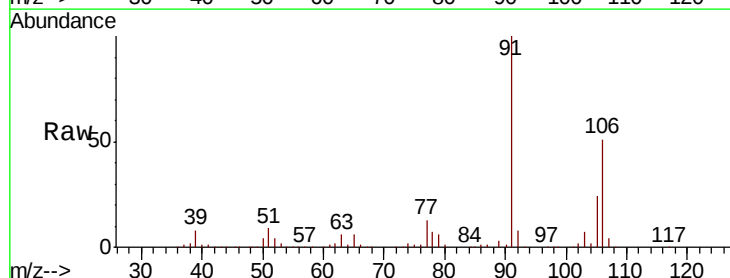
Acq: 31 Jul 2019 17:40

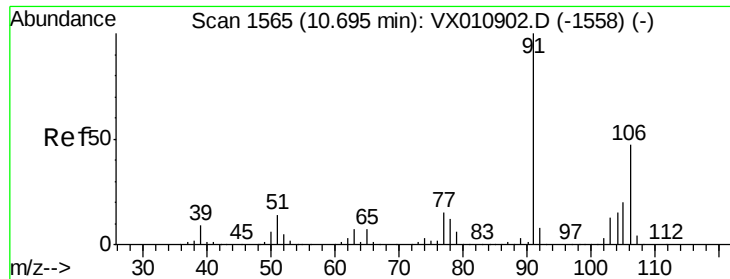
Tgt Ion: 106 Resp: 130341

Ion Ratio Lower Upper

106 100

91 199.4 160.1 240.1

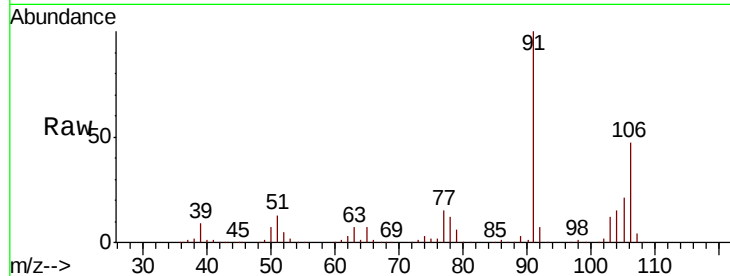




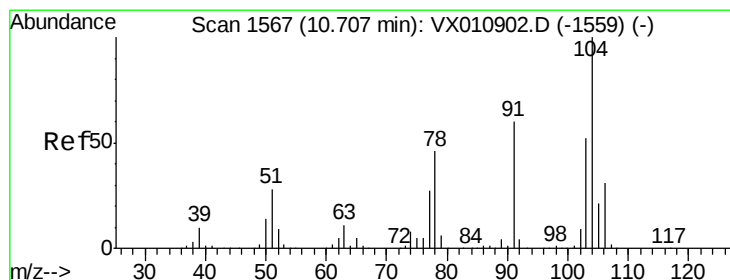
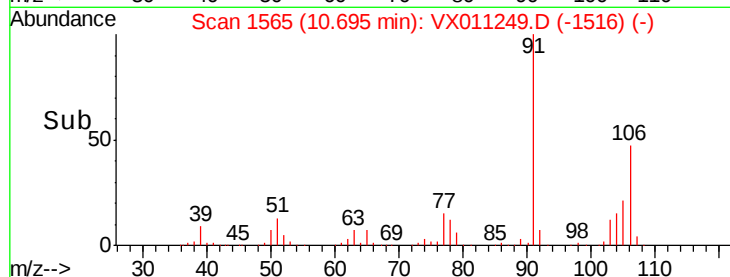
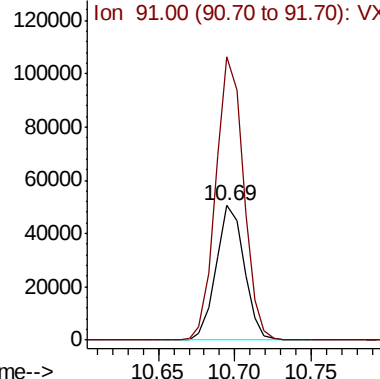
#69
o-Xylene
Concen: 19.337 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion:106 Resp: 64522
Ion Ratio Lower Upper
106 100
91 208.6 105.1 315.3

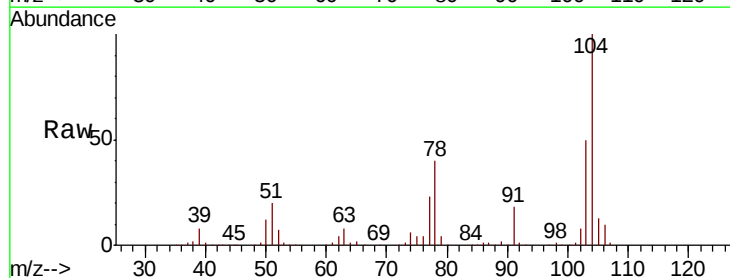


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

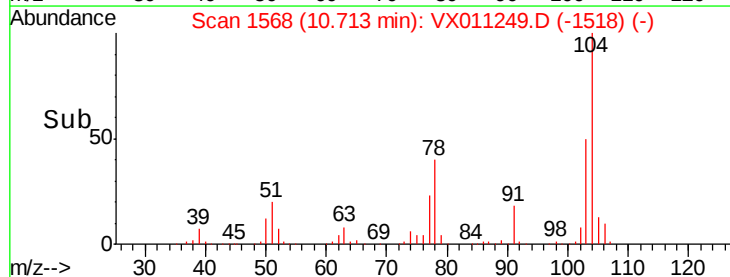
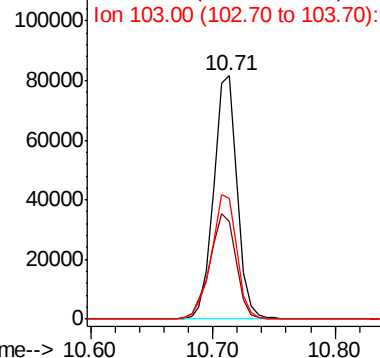


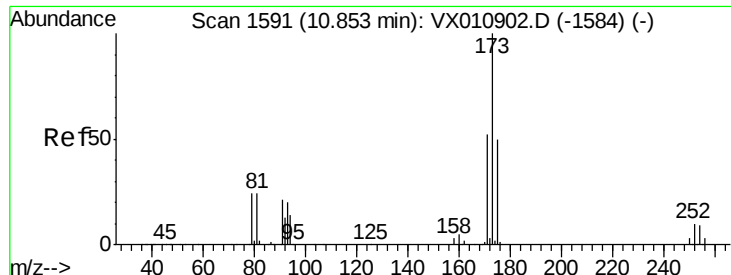
#70
Styrene
Concen: 19.429 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion:104 Resp: 108073
Ion Ratio Lower Upper
104 100
78 48.7 38.8 58.2
103 55.7 44.2 66.4



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





#71

Bromoform

Concen: 16.866 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

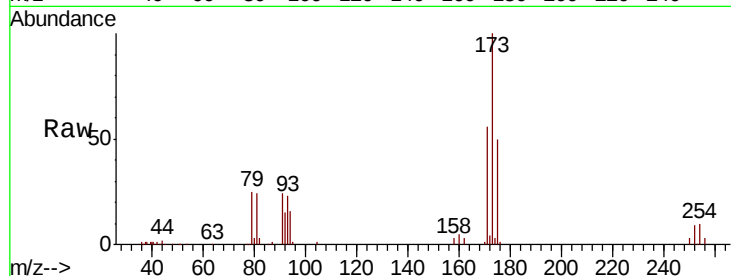
Tot Ion:173 Resp: 25280

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.6

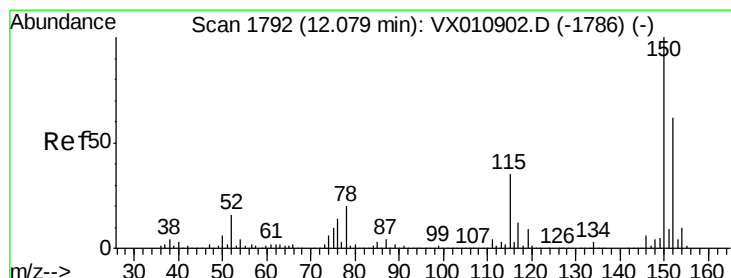
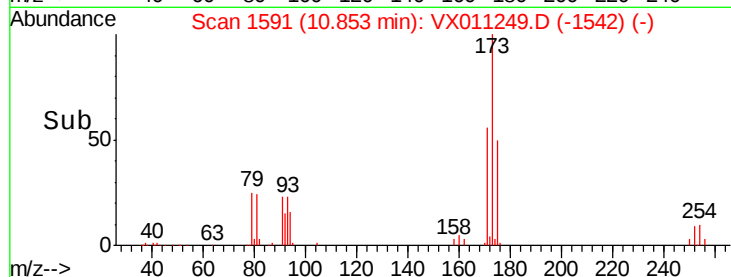
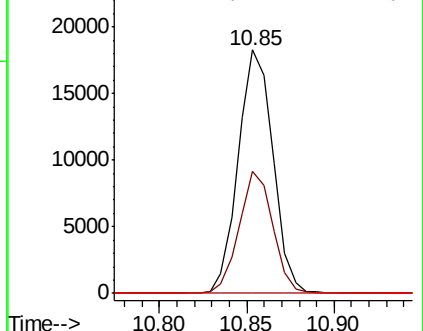
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

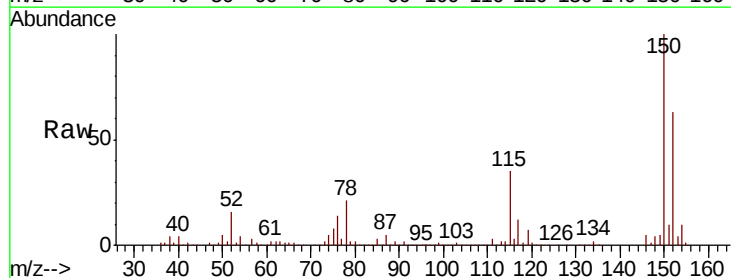
Tgt Ion:152 Resp: 133802

Ion Ratio Lower Upper

152 100

115 64.4 39.7 119.1

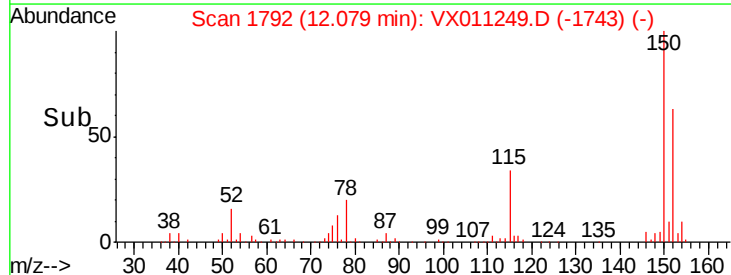
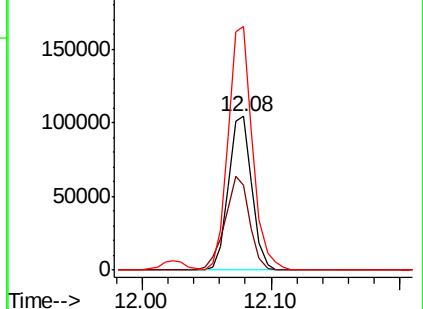
150 164.2 0.0 345.6

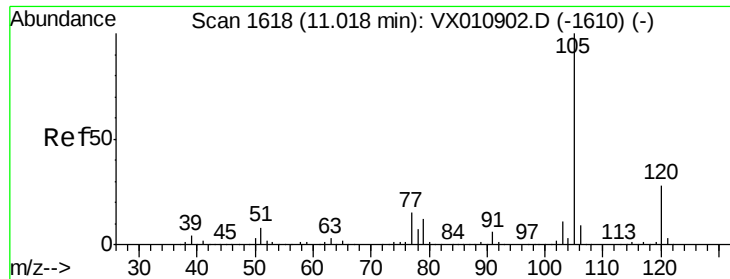


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.285 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

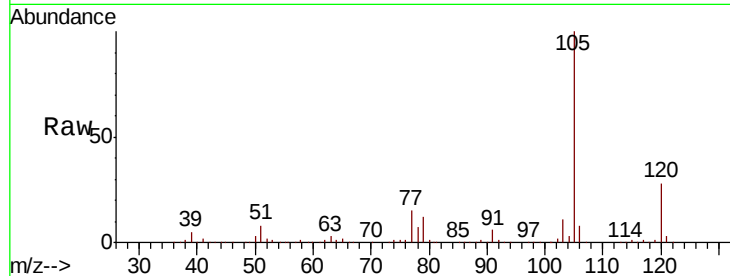
VX0731WBS01

Tot Ion:105 Resp: 174357

Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

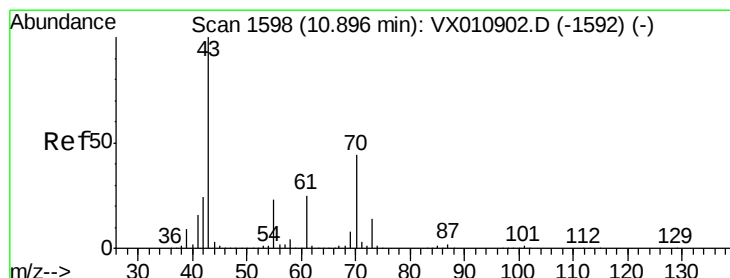
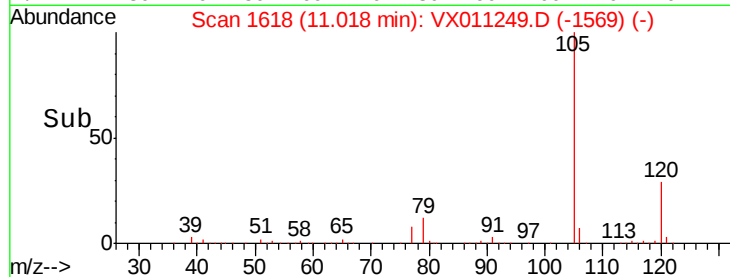
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.850 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Tgt Ion: 43 Resp: 65117

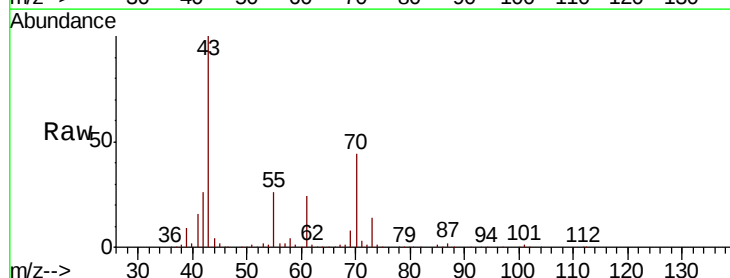
Ion Ratio Lower Upper

43 100

70 43.6 34.7 52.1

55 25.4 19.1 28.7

61 25.0 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

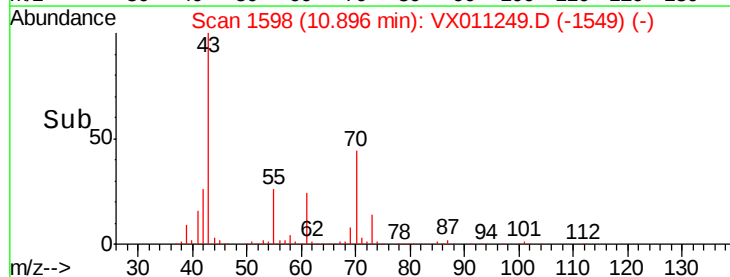
60000

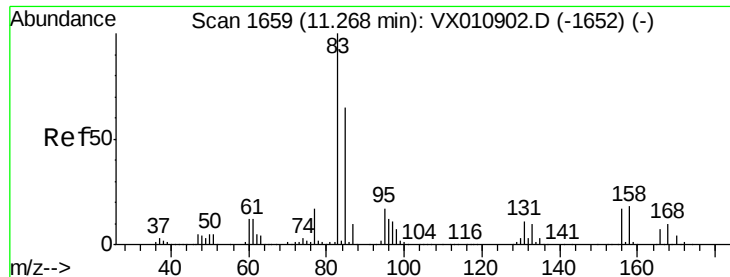
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.917 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

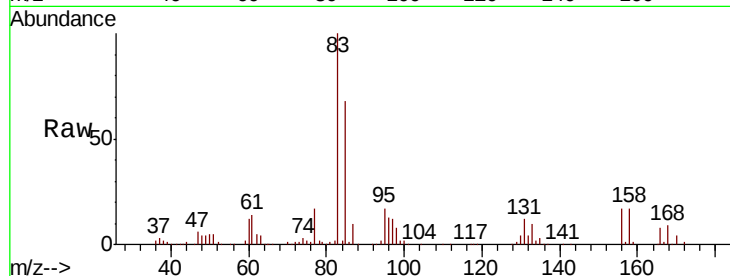
Tot Ion: 83 Resp: 58930

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

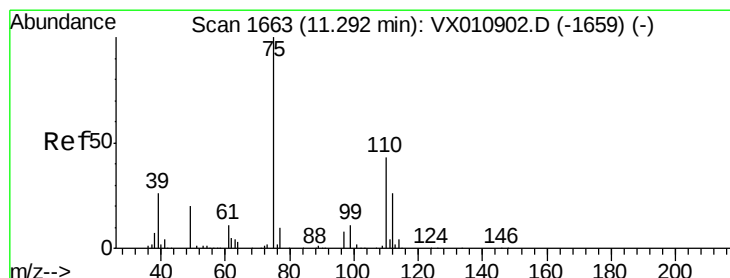
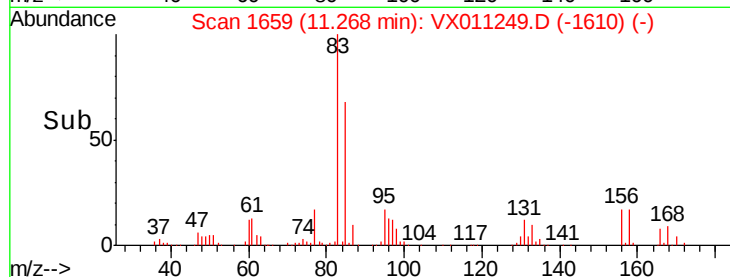
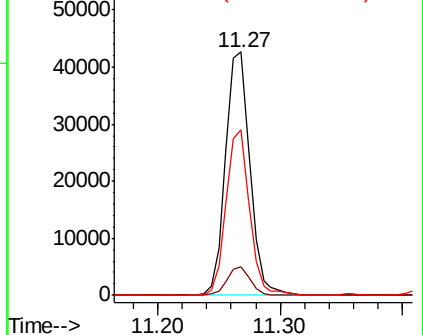
85 65.3 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.361 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011249.D

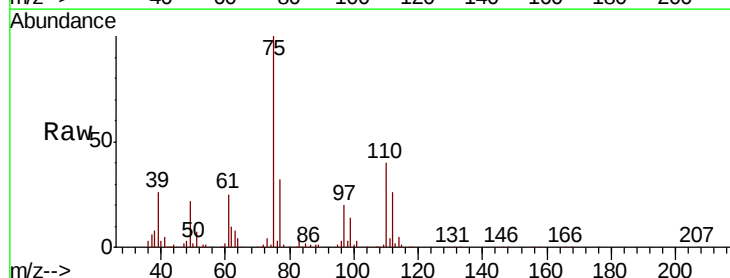
Acq: 31 Jul 2019 17:40

Tgt Ion: 75 Resp: 61235

Ion Ratio Lower Upper

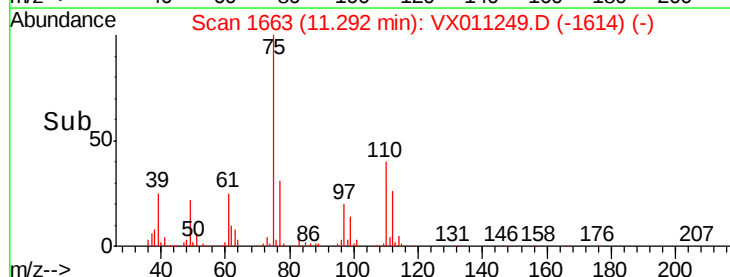
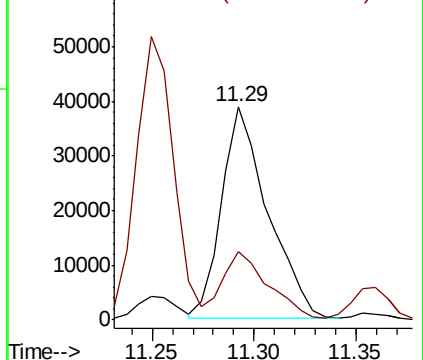
75 100

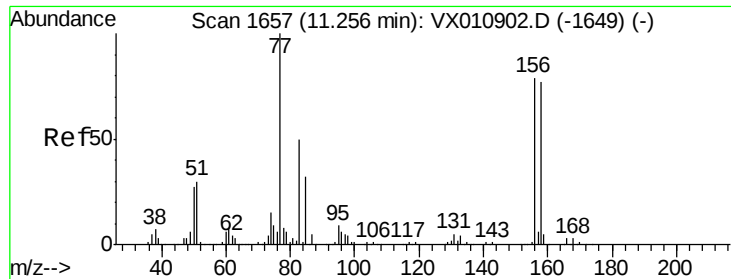
77 32.3 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

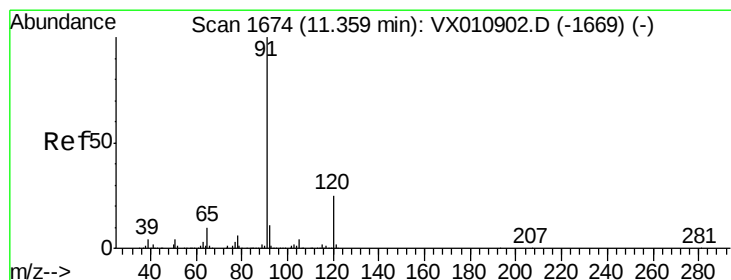
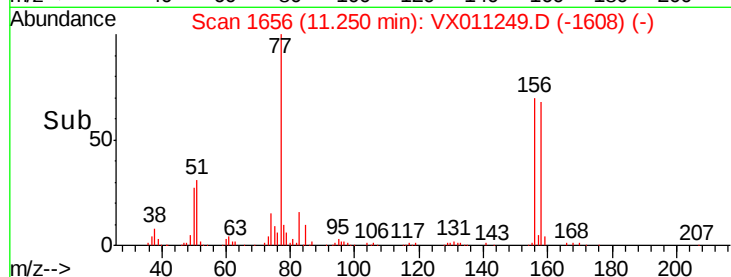
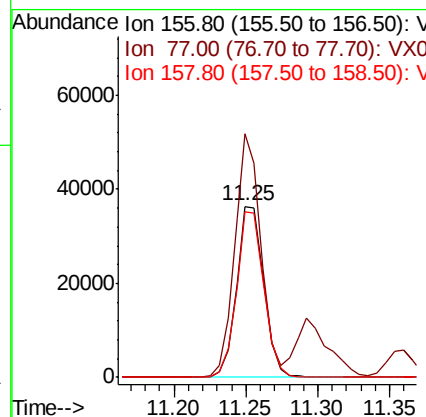
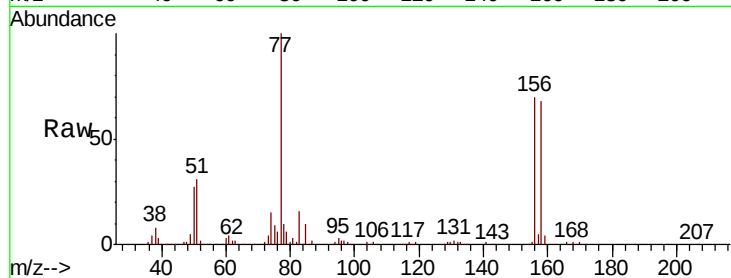




#77
Bromobenzene
Concen: 19.272 ug/l
RT: 11.25 min Scan# 1656
Delta R.T. -0.01 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

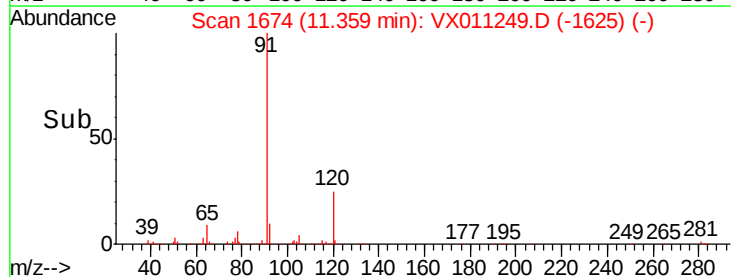
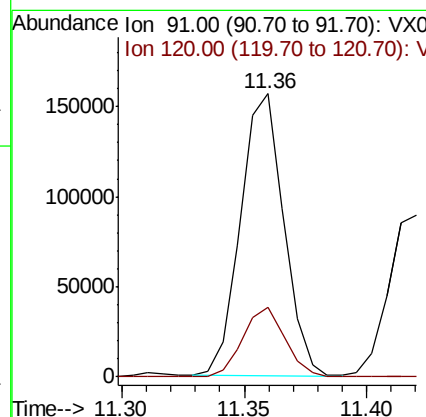
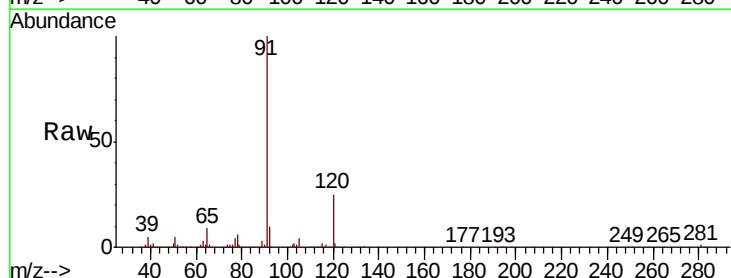
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

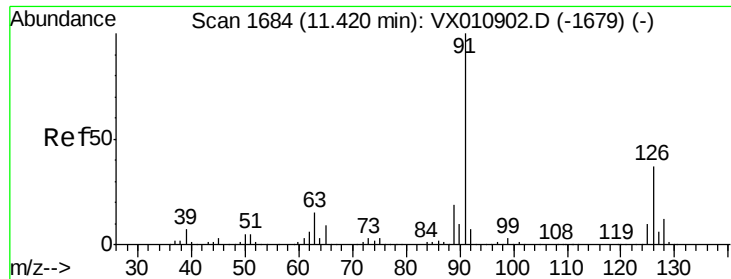
Tot Ion:156 Resp: 48060
Ion Ratio Lower Upper
156 100
77 136.9 68.7 206.1
158 97.0 47.9 143.7



#78
n-propylbenzene
Concen: 19.211 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion: 91 Resp: 191905
Ion Ratio Lower Upper
91 100
120 24.3 12.3 36.8

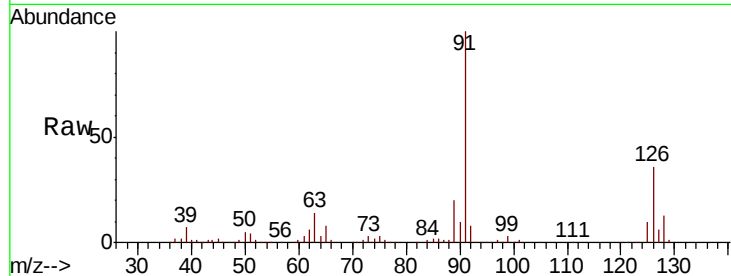




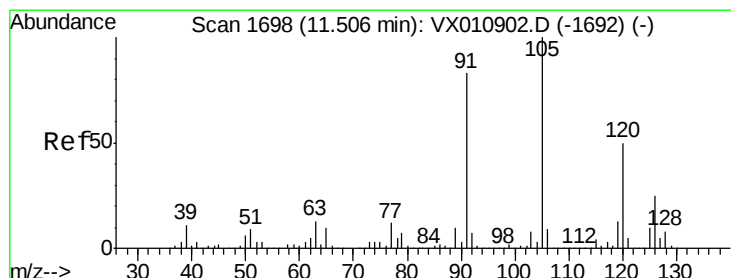
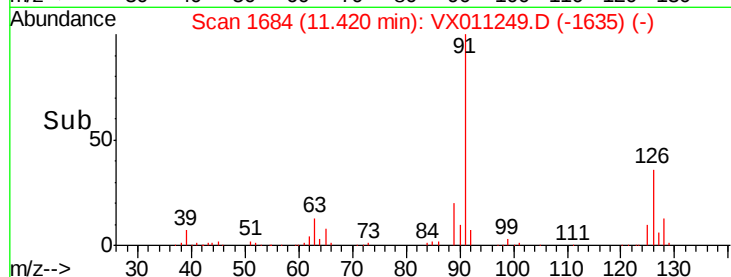
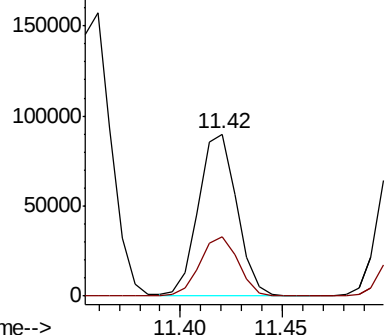
#79
 2-Chlorotoluene
 Concen: 19.358 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

Tot Ion: 91 Resp: 116164
 Ion Ratio Lower Upper
 91 100
 126 36.7 18.0 54.0

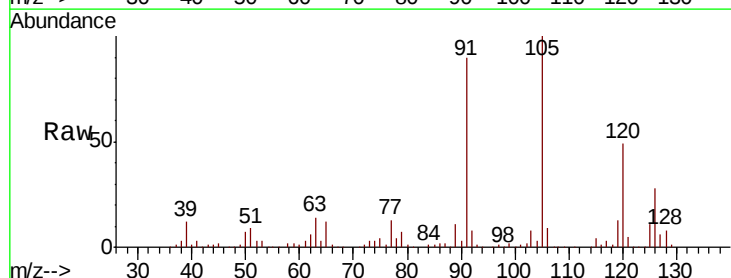


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

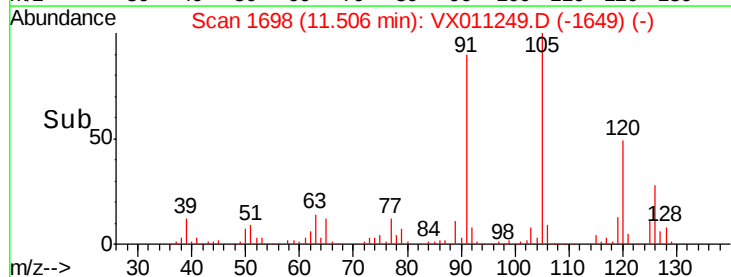
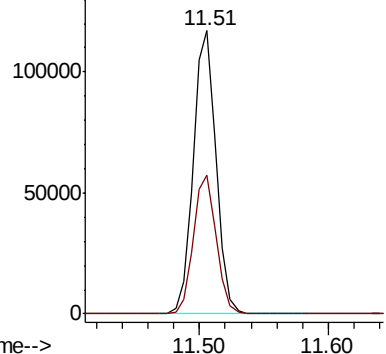


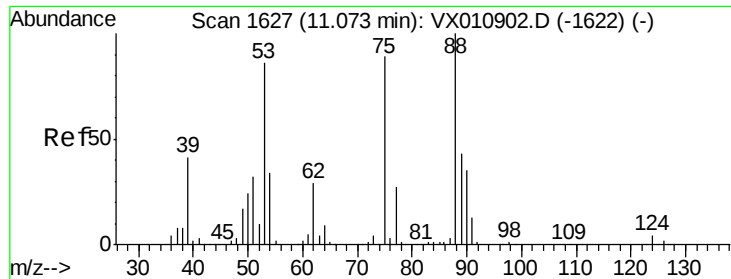
#80
 1,3,5-Trimethylbenzene
 Concen: 19.269 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

Tgt Ion: 105 Resp: 145568
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

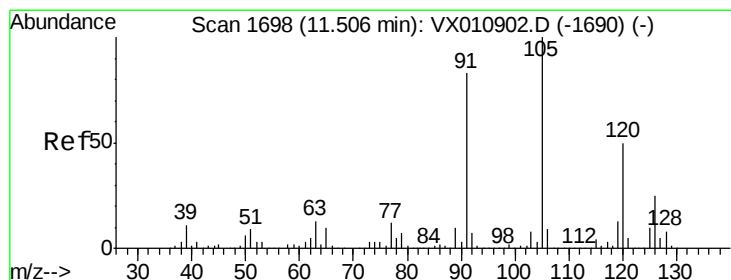
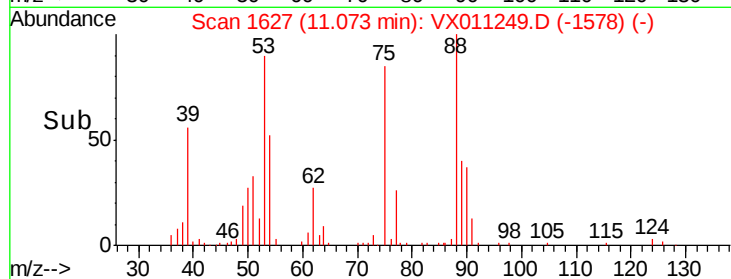
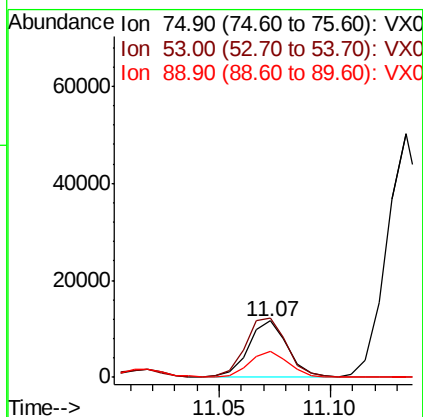
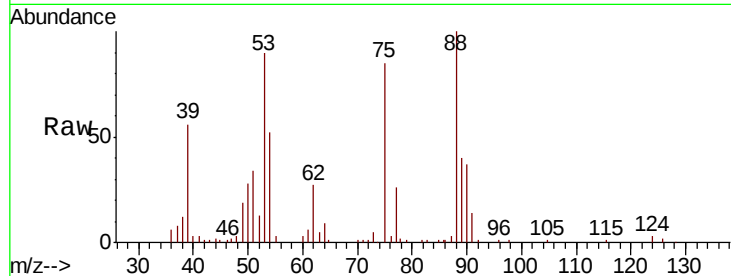




#81
trans-1,4-Dichloro-2-butene
Concen: 17.468 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

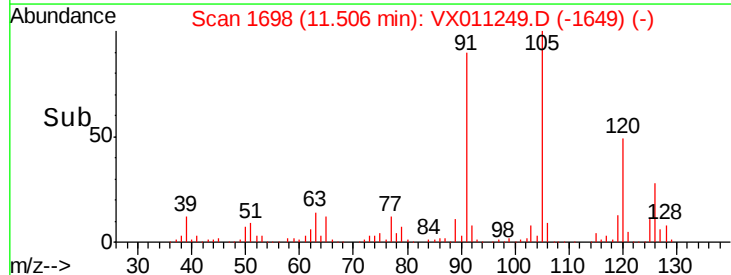
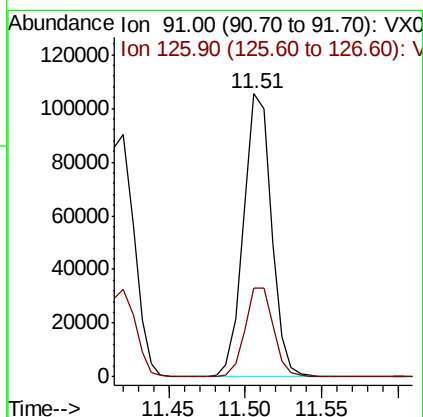
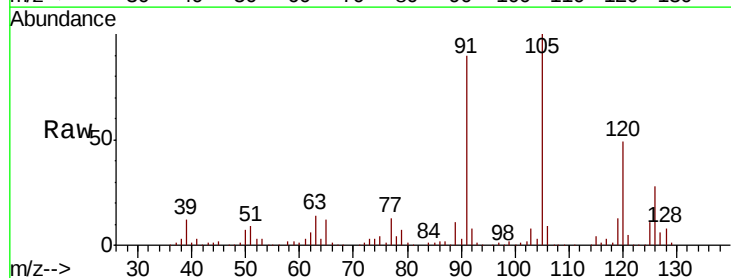
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

Tot Ion: 75 Resp: 13966
Ion Ratio Lower Upper
75 100
53 111.9 76.7 115.1
89 47.4 38.5 57.7



#82
4-Chlorotoluene
Concen: 19.035 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion: 91 Resp: 132946
Ion Ratio Lower Upper
91 100
126 32.3 15.9 47.7

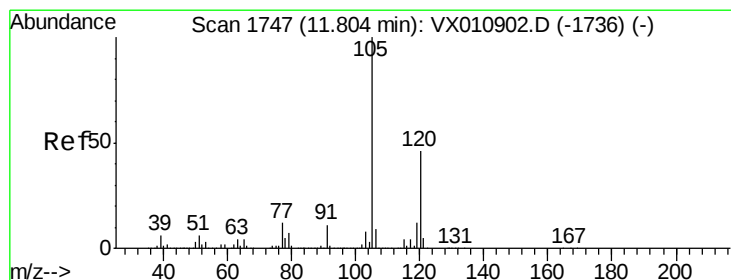
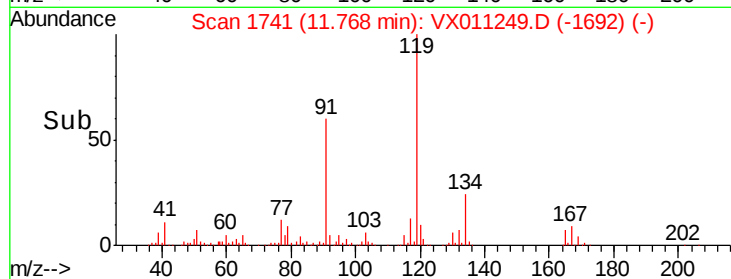
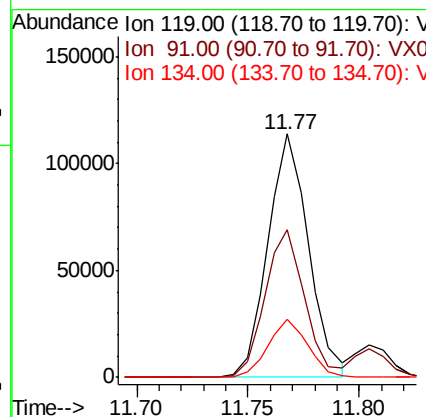
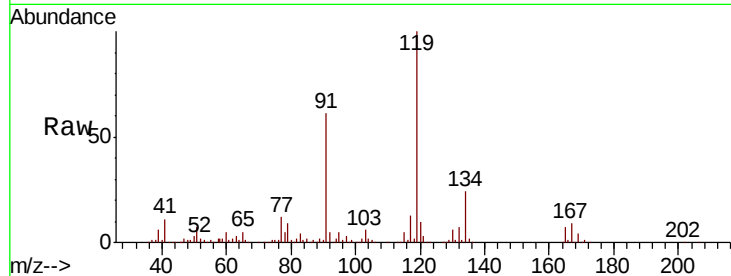




#83
tert-Butylbenzene
Concen: 19.454 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

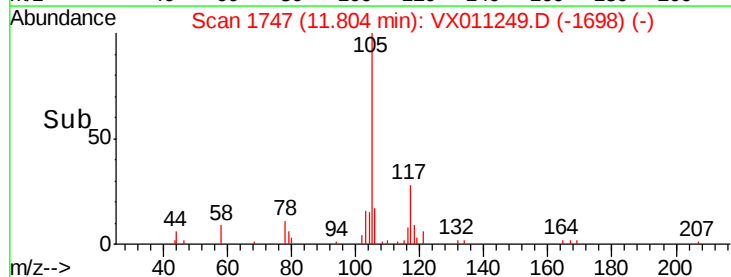
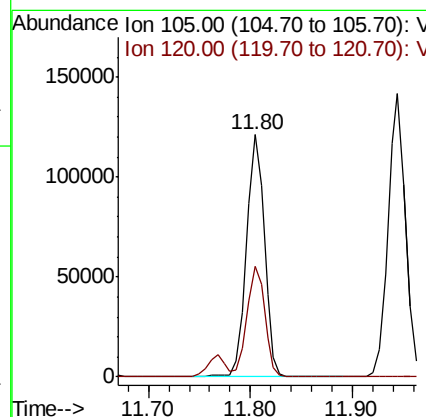
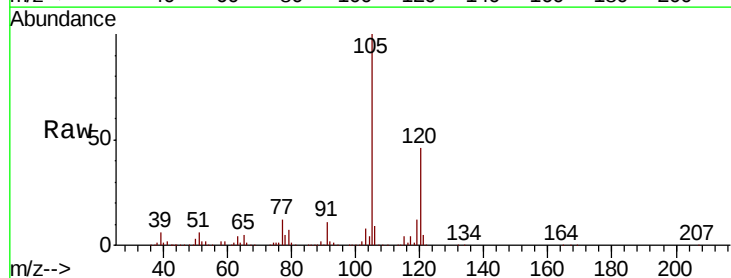
Instrument :
MSVOA_X
ClientSampled :
VX0731WBS01

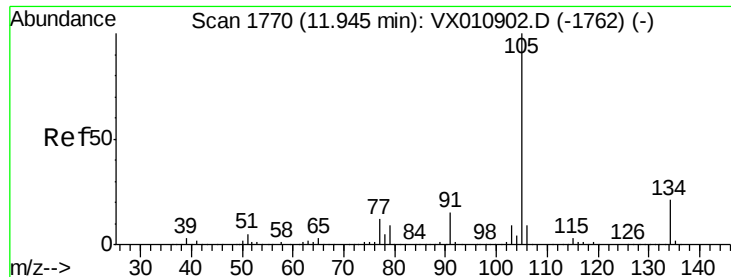
Tot Ion:119 Resp: 144361
Ion Ratio Lower Upper
119 100
91 59.4 28.6 85.8
134 23.5 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 19.298 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion:105 Resp: 146940
Ion Ratio Lower Upper
105 100
120 45.5 22.9 68.5





#85

sec-Butylbenzene

Concen: 19.713 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

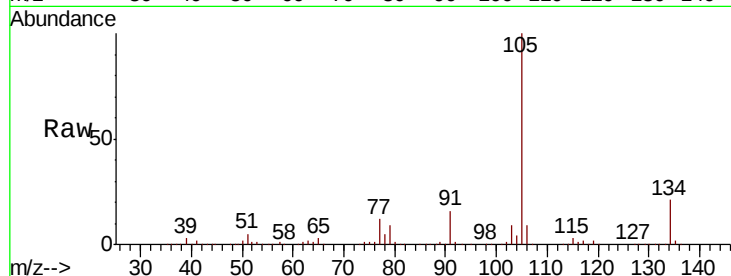
VX0731WBS01

Tot Ion:105 Resp: 171402

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

150000

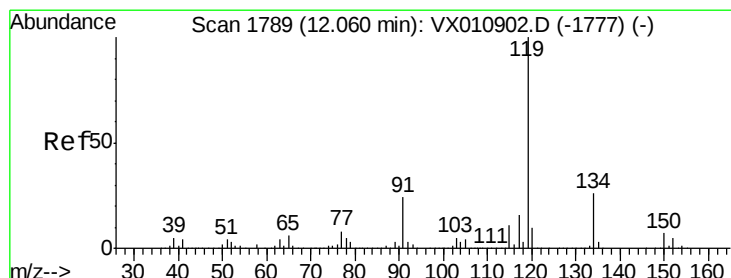
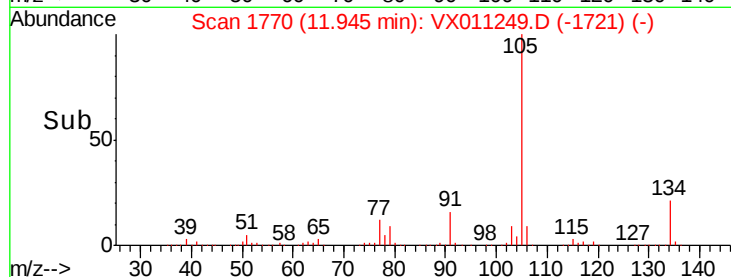
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 19.845 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

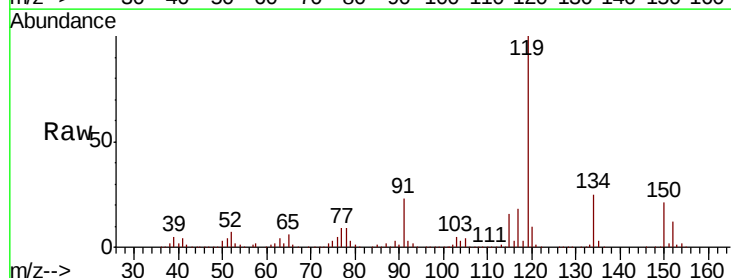
Tgt Ion:119 Resp: 159527

Ion Ratio Lower Upper

119 100

134 25.9 13.4 40.1

91 22.9 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

12.06

150000

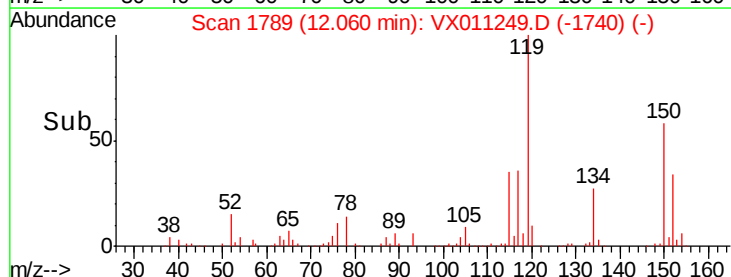
100000

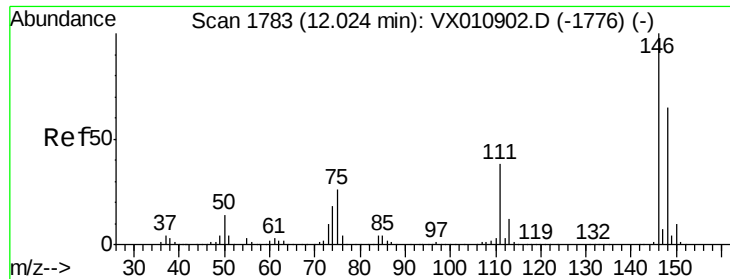
50000

0

Time-->

12.00 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 19.238 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

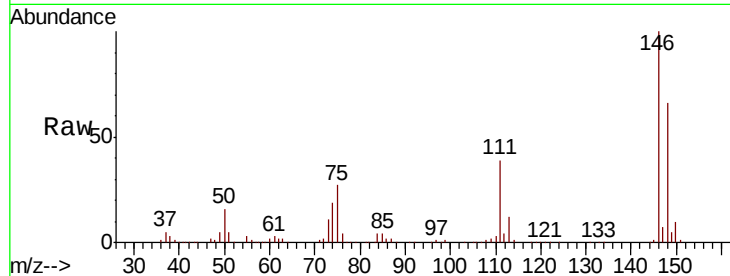
Tot Ion:146 Resp: 83258

Ion Ratio Lower Upper

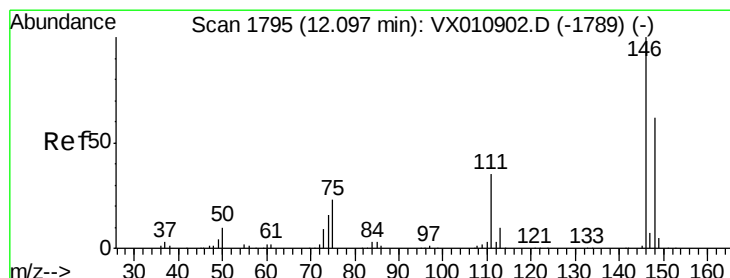
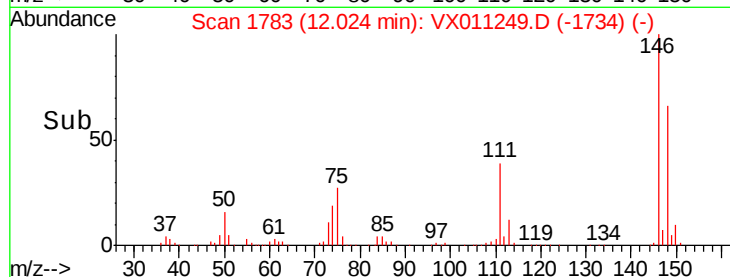
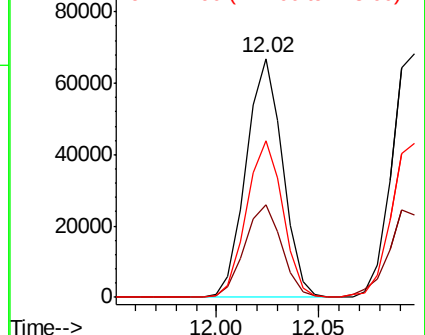
146 100

111 39.4 18.9 56.9

148 64.9 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: 19.208 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

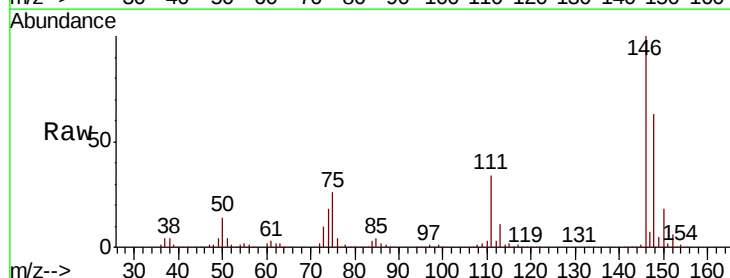
Tgt Ion:146 Resp: 85255

Ion Ratio Lower Upper

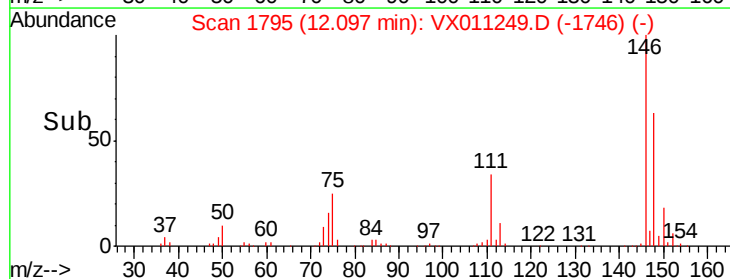
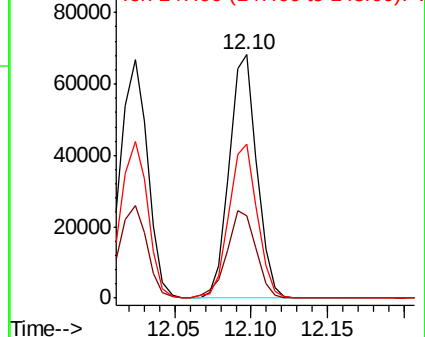
146 100

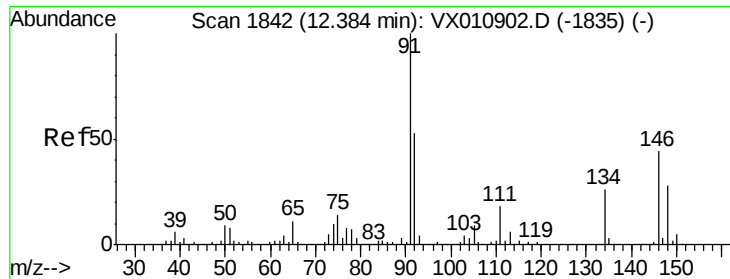
111 38.3 18.6 55.8

148 64.8 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

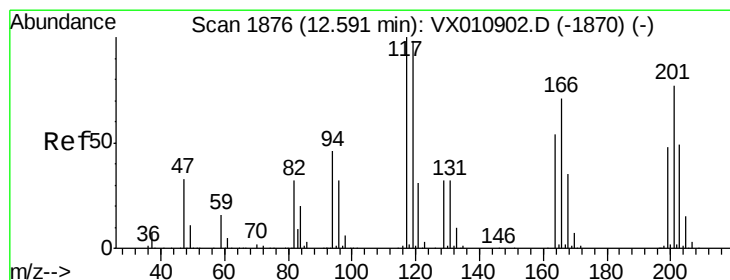
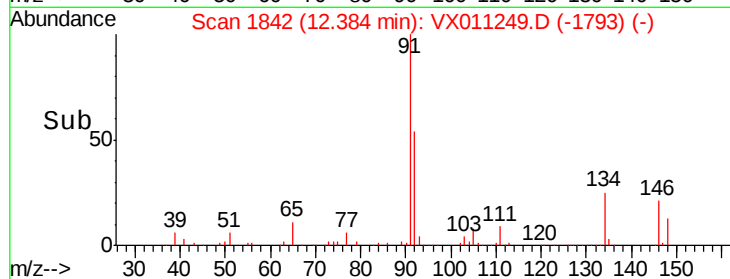
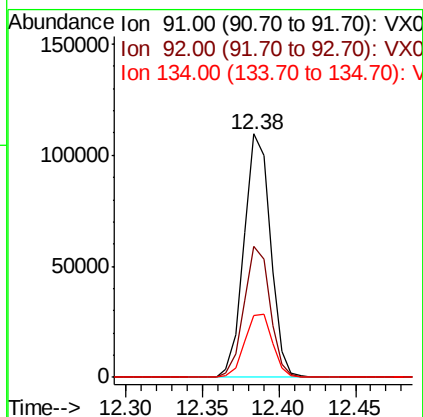
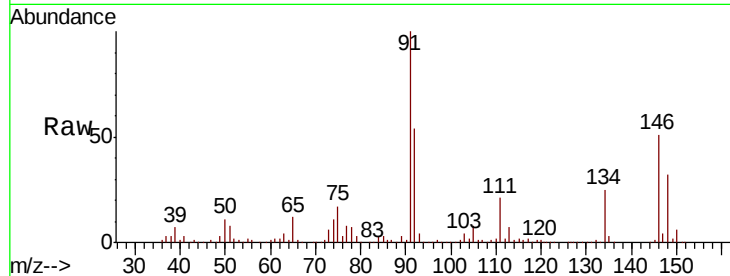




#89
n-Butylbenzene
Concen: 19.189 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

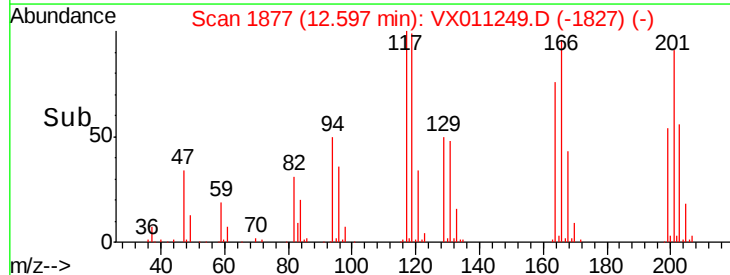
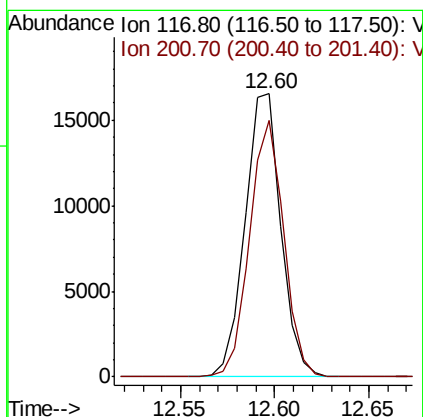
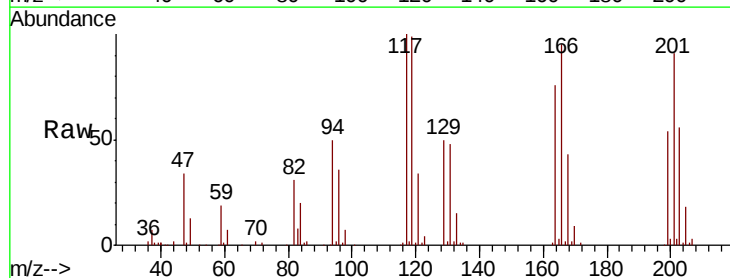
Instrument :
MSVOA_X
ClientSampleId :
VX0731WBS01

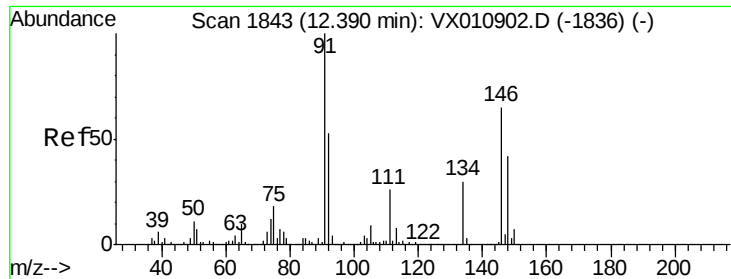
Tot Ion: 91 Resp: 131964
Ion Ratio Lower Upper
91 100
92 52.8 26.2 78.5
134 27.0 13.8 41.3



#90
Hexachloroethane
Concen: 17.241 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011249.D
Acq: 31 Jul 2019 17:40

Tgt Ion: 117 Resp: 21859
Ion Ratio Lower Upper
117 100
201 86.2 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 19.880 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

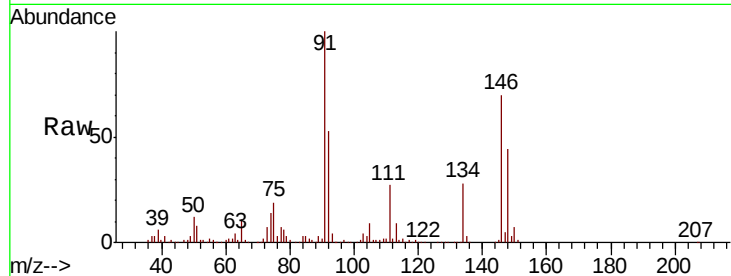
Tot Ion:146 Resp: 85269

Ion Ratio Lower Upper

146 100

111 39.6 19.9 59.7

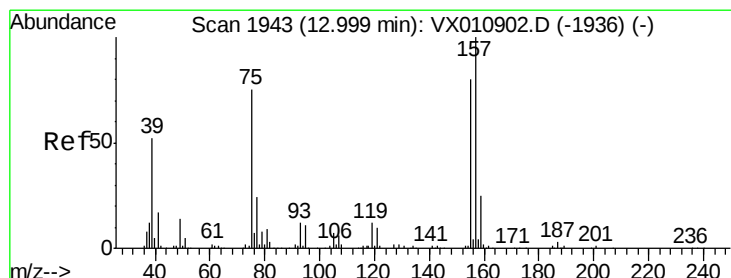
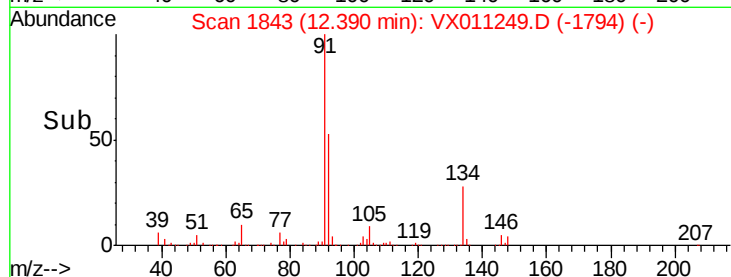
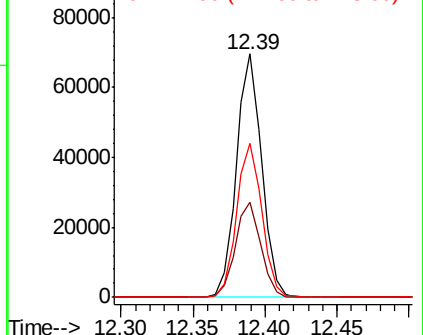
148 63.2 32.0 96.2



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: 18.376 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

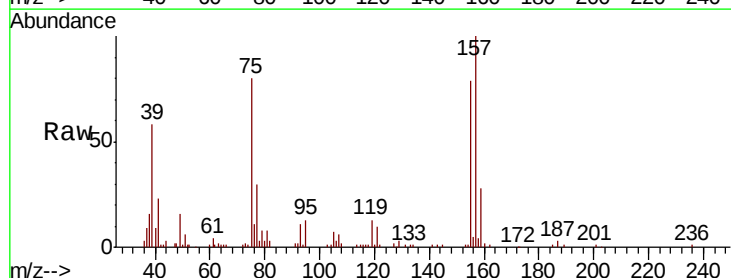
Tgt Ion: 75 Resp: 11365

Ion Ratio Lower Upper

75 100

155 97.1 48.7 146.1

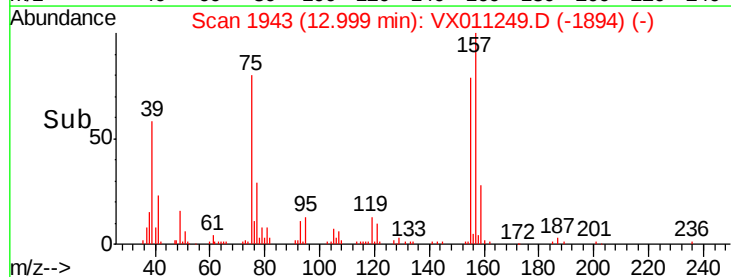
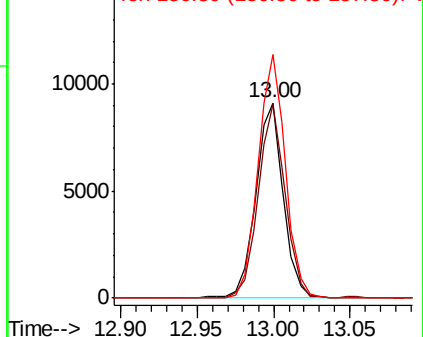
157 123.5 62.5 187.6

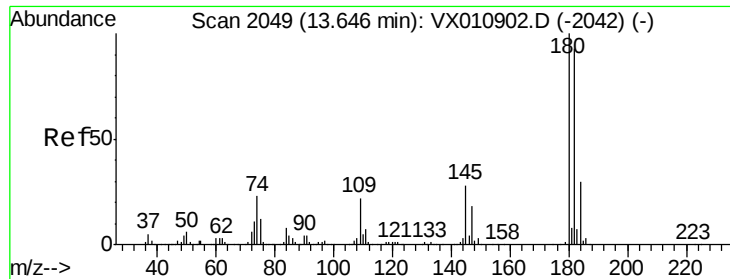


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

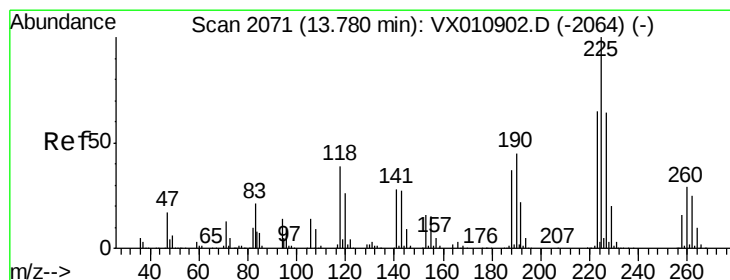
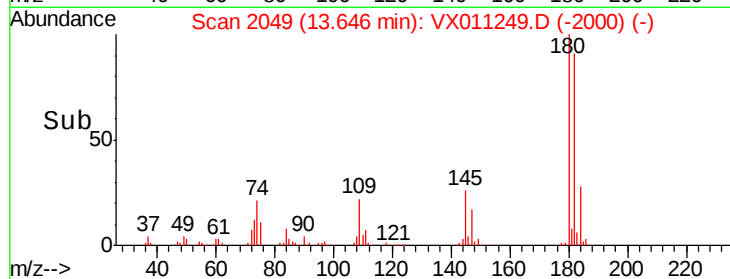
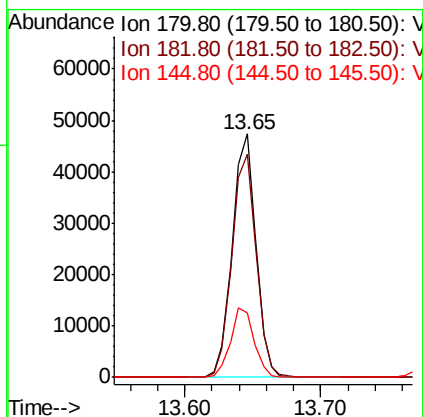
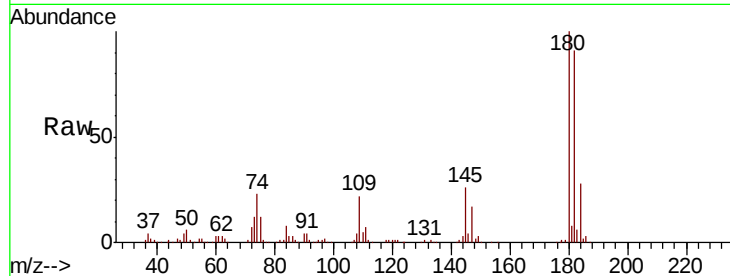




#93
 1,2,4-Trichlorobenzene
 Concen: 19.715 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

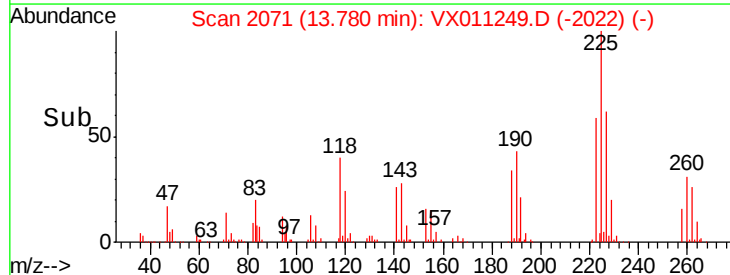
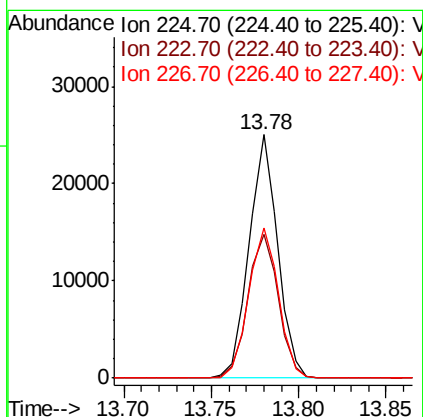
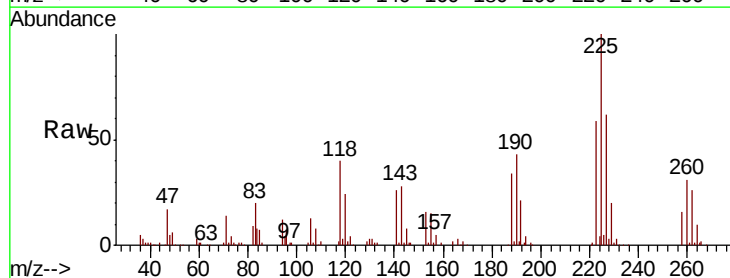
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBS01

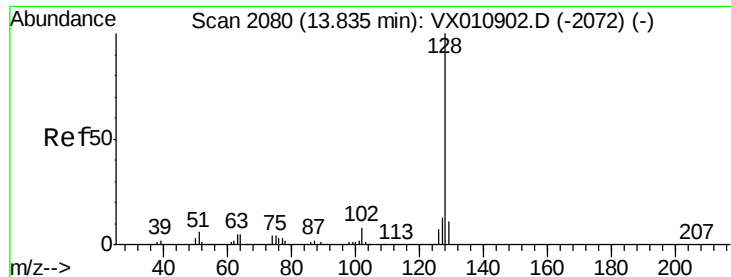
Tot Ion:180 Resp: 57308
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.1 141.3
 145 28.5 14.8 44.4



#94
 Hexachlorobutadiene
 Concen: 19.759 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011249.D
 Acq: 31 Jul 2019 17:40

Tgt Ion:225 Resp: 28463
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.9 95.9
 227 64.1 32.5 97.4





#95

Naphthalene

Concen: 20.403 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX0731WBS01

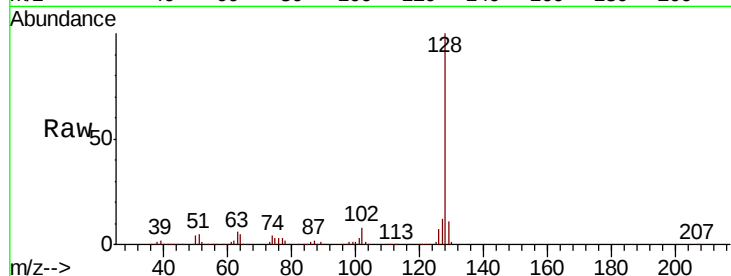
Tot Ion:128 Resp: 175137

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

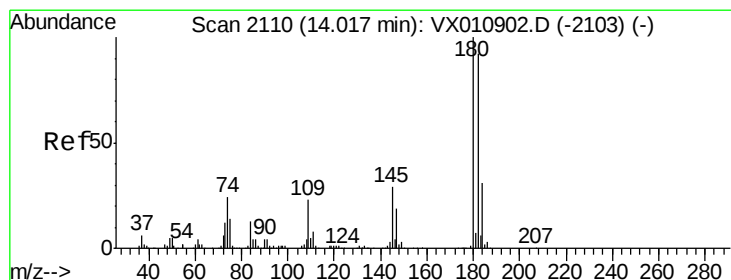
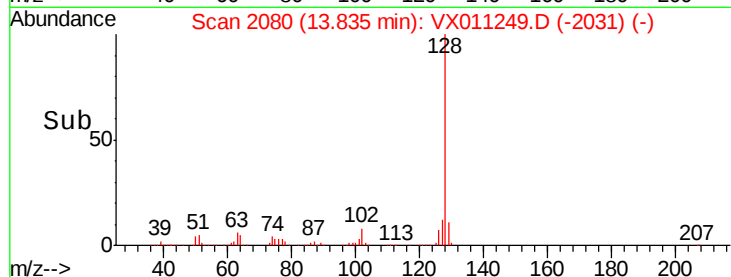
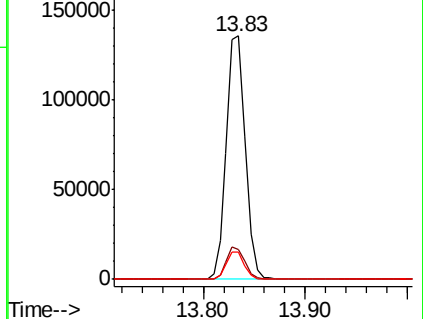
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.448 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011249.D

Acq: 31 Jul 2019 17:40

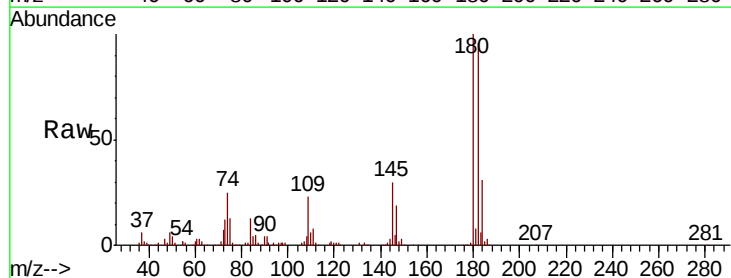
Tgt Ion:180 Resp: 59142

Ion Ratio Lower Upper

180 100

182 95.2 47.4 142.3

145 30.6 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

