

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010554.D
 Acq On : 28 Jun 2019 23:34
 Operator : JC/SP
 Sample : VX0628WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Quant Time: Jun 29 04:43:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	351673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	320185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162571	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	109160	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
35) Dibromofluoromethane	5.50	113	105189	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
50) Toluene-d8	8.71	98	397545	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.13	95	141458	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	28378	17.701	ug/l	99
3) Chloromethane	1.32	50	32993	17.674	ug/l	100
4) Vinyl Chloride	1.41	62	36464	17.833	ug/l	100
5) Bromomethane	1.64	94	23828	23.920	ug/l	98
6) Chloroethane	1.72	64	24545	20.347	ug/l	100
7) Trichlorofluoromethane	1.93	101	64797	19.991	ug/l	97
8) Diethyl Ether	2.19	74	23512	20.227	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37657	19.171	ug/l	100
10) Methyl Iodide	2.51	142	52640	18.778	ug/l	97
11) Tert butyl alcohol	3.04	59	57954	102.439	ug/l	99
12) 1,1-Dichloroethene	2.37	96	37445	18.734	ug/l	97
13) Acrolein	2.29	56	31506	83.949	ug/l	98
14) Allyl chloride	2.73	41	52186	18.391	ug/l	99
15) Acrylonitrile	3.14	53	114293	102.038	ug/l	99
16) Acetone	2.44	43	92812	85.655	ug/l	100
17) Carbon Disulfide	2.57	76	80729	15.055	ug/l	99
18) Methyl Acetate	2.78	43	43881	20.319	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	125326	19.931	ug/l	99
20) Methylene Chloride	2.86	84	44688	20.040	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	40312	18.753	ug/l	96
22) Diisopropyl ether	3.85	45	119664	20.170	ug/l	99
23) Vinyl Acetate	3.82	43	499405	97.438	ug/l	100
24) 1,1-Dichloroethane	3.70	63	68135	19.868	ug/l	98
25) 2-Butanone	4.67	43	154153	96.985	ug/l	98
26) 2,2-Dichloropropane	4.59	77	42479	14.259	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	48287	19.438	ug/l	98
28) Bromochloromethane	5.01	49	28985	17.677	ug/l	100
29) Tetrahydrofuran	5.13	42	99554	101.120	ug/l	98
30) Chloroform	5.21	83	72259	19.583	ug/l	97
31) Cyclohexane	5.59	56	57590	18.441	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	63199	19.397	ug/l	98
36) 1,1-Dichloropropene	5.80	75	50020	17.899	ug/l	99
37) Ethyl Acetate	4.84	43	57068	19.850	ug/l	99
38) Carbon Tetrachloride	5.79	117	53446	17.661	ug/l	100

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Quant Time: Jun 29 04:43:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64232	17.486	ug/l	99
40) Benzene	6.14	78	168666	19.373	ug/l	99
41) Methacrylonitrile	5.04	41	30871	19.570	ug/l	97
42) 1,2-Dichloroethane	6.20	62	54559	20.586	ug/l	99
43) Isopropyl Acetate	6.45	43	92270	19.398	ug/l	99
44) Trichloroethene	7.21	130	49296	18.922	ug/l	100
45) 1,2-Dichloropropane	7.51	63	42785	19.460	ug/l	97
46) Dibromomethane	7.66	93	30798	19.524	ug/l	96
47) Bromodichloromethane	7.90	83	52586	18.190	ug/l	99
48) Methyl methacrylate	7.77	41	43319	19.593	ug/l	99
49) 1,4-Dioxane	7.74	88	26322	413.277	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	308263	101.332	ug/l	99
52) Toluene	8.79	92	109259	19.056	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	53306	16.447	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	61755	17.533	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	47102	19.919	ug/l	98
56) Ethyl methacrylate	9.18	69	68251	19.053	ug/l	97
57) 1,3-Dichloropropane	9.37	76	72298	19.696	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	159494	93.752	ug/l	100
59) 2-Hexanone	9.49	43	235593	98.399	ug/l	100
60) Dibromochloromethane	9.58	129	45861	17.322	ug/l	98
61) 1,2-Dibromoethane	9.67	107	47944	18.784	ug/l	99
64) Tetrachloroethene	9.34	164	53270	20.570	ug/l	98
65) Chlorobenzene	10.13	112	125122	19.248	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	44081	18.617	ug/l	98
67) Ethyl Benzene	10.25	91	208587	19.007	ug/l	100
68) m/p-Xylenes	10.36	106	160858	37.830	ug/l	99
69) o-Xylene	10.69	106	79653	19.048	ug/l	100
70) Styrene	10.71	104	134062	19.117	ug/l	99
71) Bromoform	10.85	173	33776	16.404	ug/l #	100
73) Isopropylbenzene	11.02	105	212091	19.245	ug/l	99
74) N-amyl acetate	10.90	43	81912	19.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	71903	19.701	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	74674	25.207	ug/l	81
77) Bromobenzene	11.26	156	58533	19.022	ug/l	98
78) n-propylbenzene	11.36	91	226735	18.720	ug/l	100
79) 2-Chlorotoluene	11.42	91	137795	19.106	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	173492	19.097	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16819	13.245	ug/l #	84
82) 4-Chlorotoluene	11.51	91	158128	19.268	ug/l	99
83) tert-Butylbenzene	11.77	119	170917	18.744	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	175275	19.203	ug/l	99
85) sec-Butylbenzene	11.94	105	204639	19.114	ug/l	100
86) p-Isopropyltoluene	12.06	119	185775	18.760	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	99851	18.589	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	100978	18.466	ug/l	99
89) n-Butylbenzene	12.38	91	152148	18.080	ug/l	99
90) Hexachloroethane	12.59	117	26957	15.743	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	100244	18.778	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13570	17.245	ug/l	96

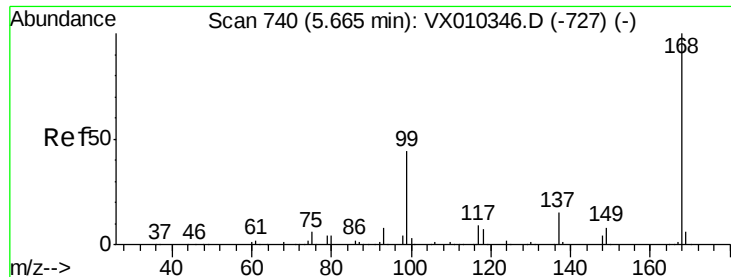
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062819\
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Quant Time: Jun 29 04:43:46 2019
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69520	18.778	ug/l	98
94) Hexachlorobutadiene	13.78	225	31819	17.586	ug/l	97
95) Naphthalene	13.83	128	218117	19.172	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	70367	19.117	ug/l	100

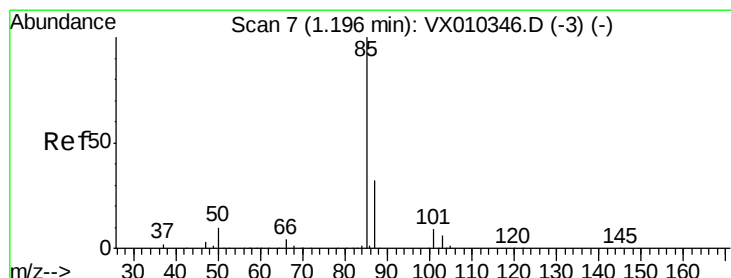
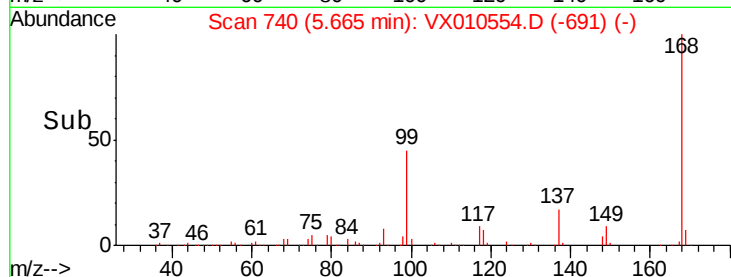
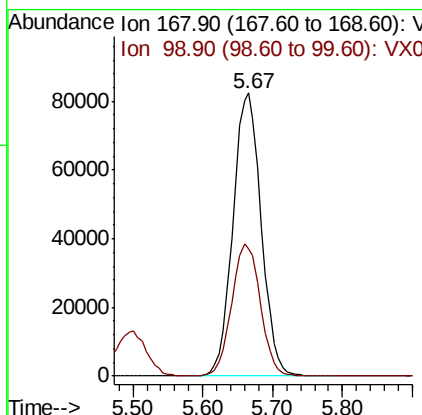
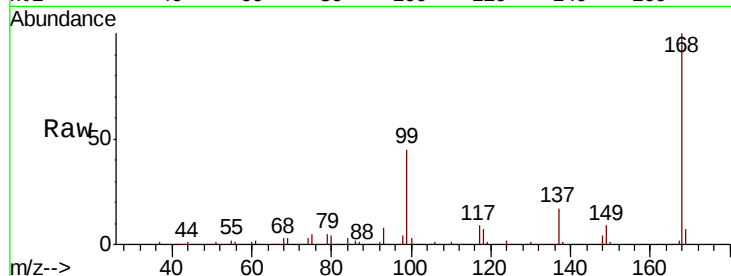
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

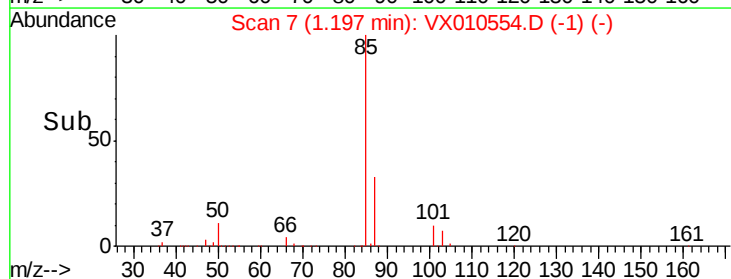
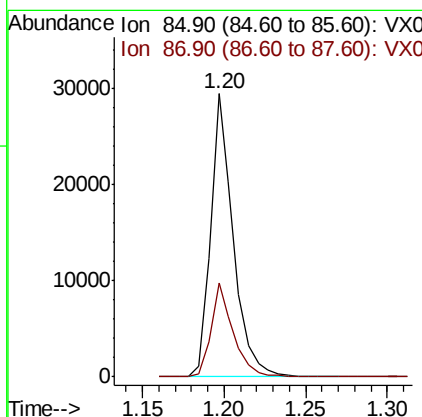
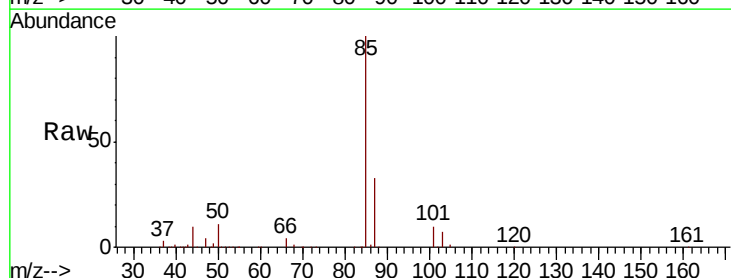
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

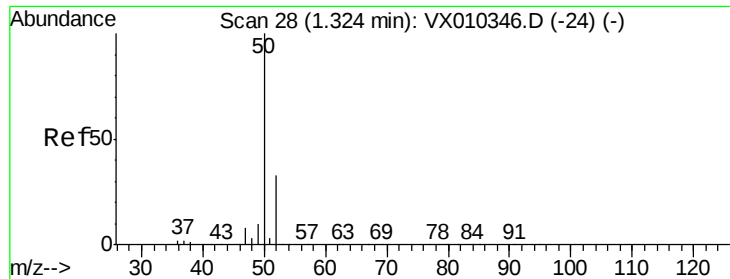
Tot Ion:168 Resp: 230596
Ion Ratio Lower Upper
168 100
99 45.1 35.5 53.3



#2
Dichlorodifluoromethane
Concen: 17.701 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 85 Resp: 28378
Ion Ratio Lower Upper
85 100
87 33.0 16.3 48.8





#3

Chloromethane

Concen: 17.674 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

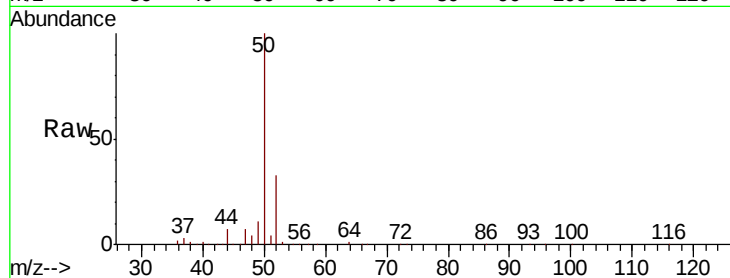
VX0628WBS02

Tot Ion: 50 Resp: 32993

Ion Ratio Lower Upper

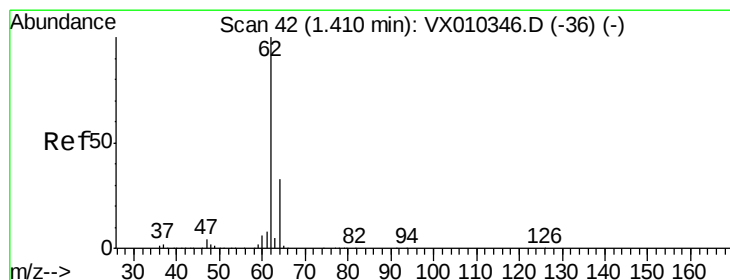
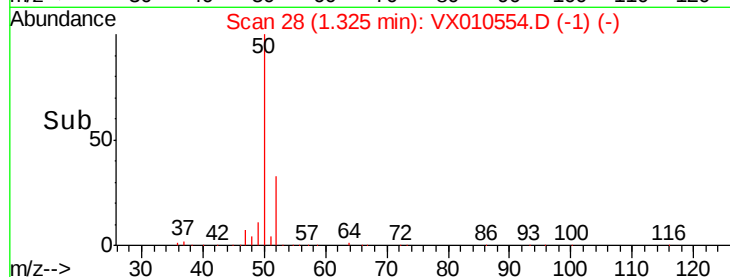
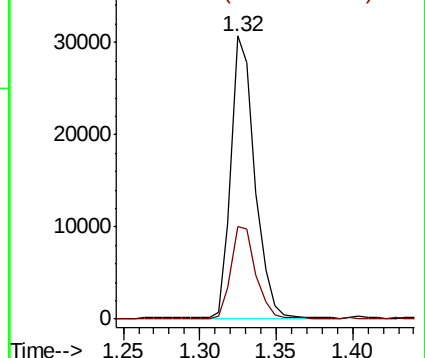
50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.833 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010554.D

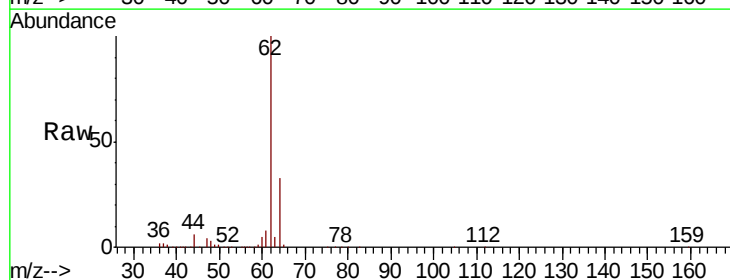
Acq: 28 Jun 2019 23:34

Tgt Ion: 62 Resp: 36464

Ion Ratio Lower Upper

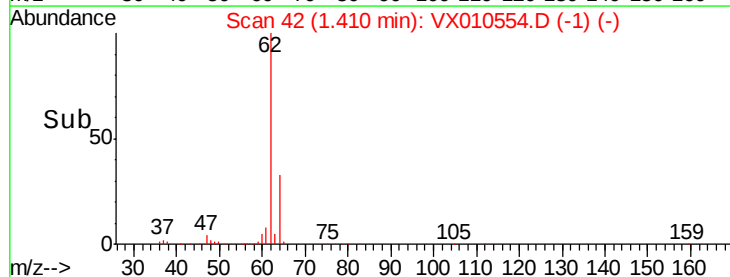
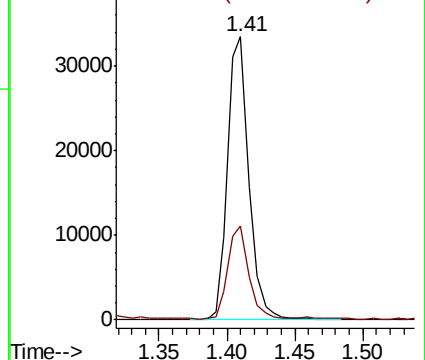
62 100

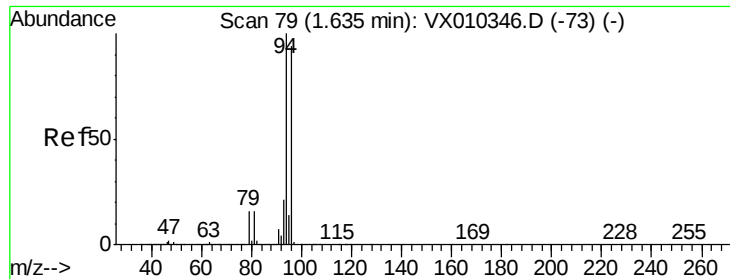
64 32.9 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 23.920 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

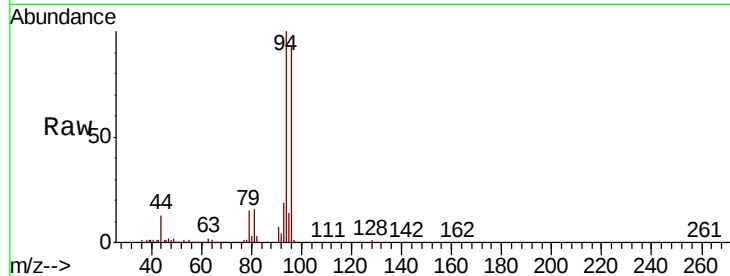
VX0628WBS02

Tot Ion: 94 Resp: 23828

Ion Ratio Lower Upper

94 100

96 92.6 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

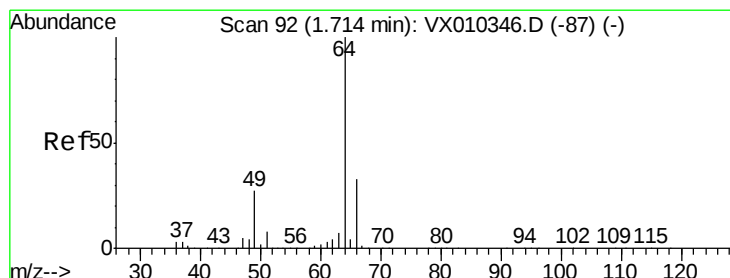
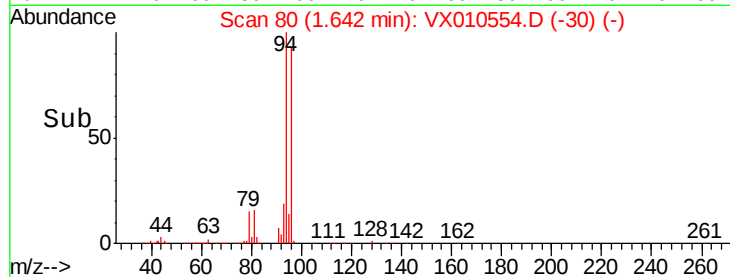
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 20.347 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010554.D

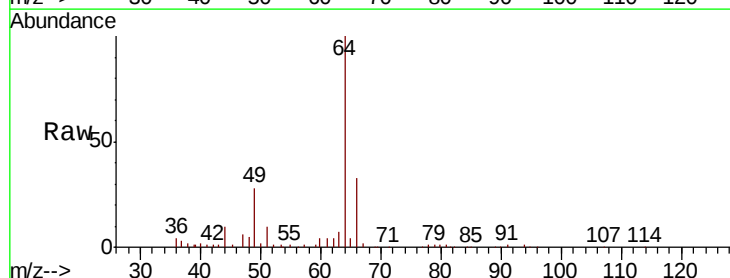
Acq: 28 Jun 2019 23:34

Tgt Ion: 64 Resp: 24545

Ion Ratio Lower Upper

64 100

66 33.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

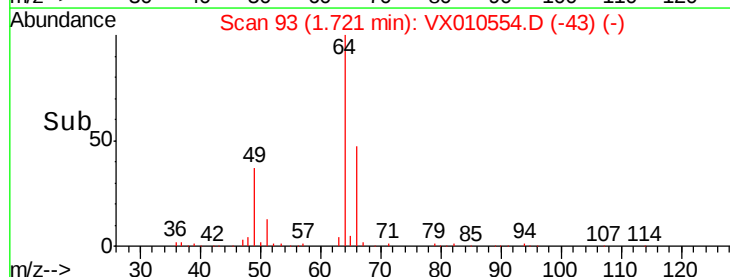
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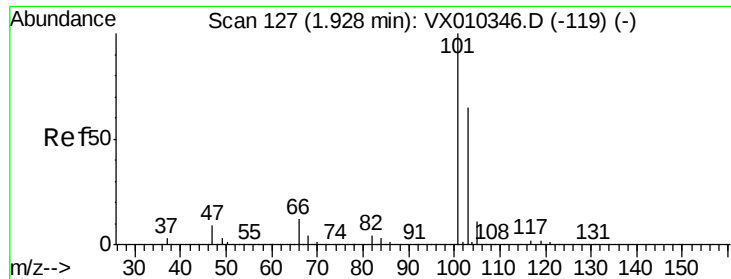
5000

0

Time-->

1.65 1.70 1.75 1.80



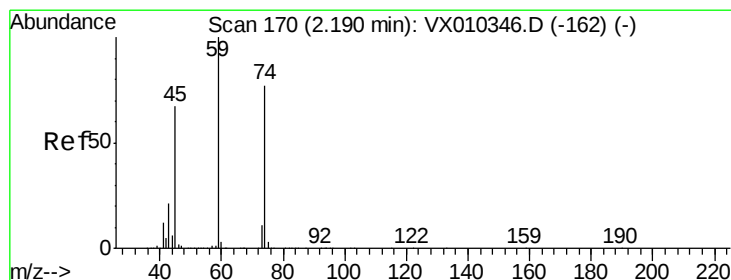
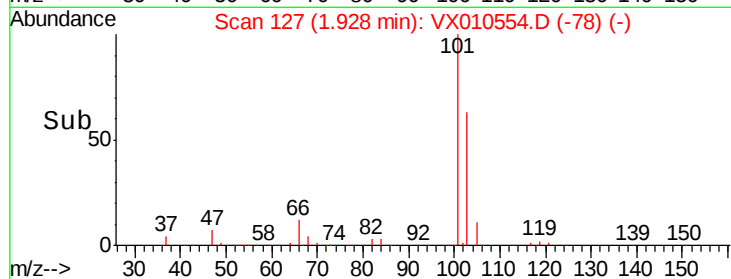
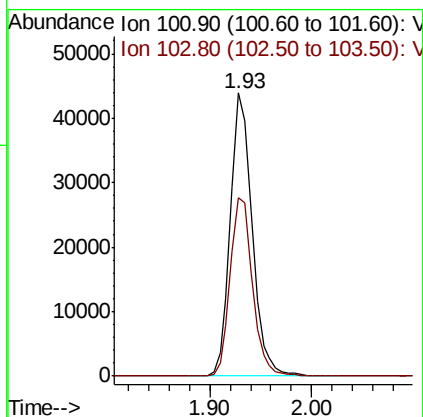
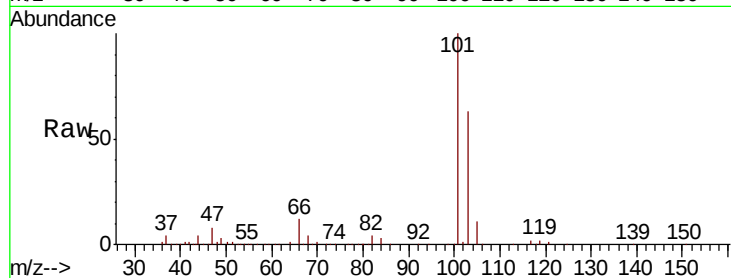


#7

Trichlorofluoromethane
 Concen: 19.991 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
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 ClientSampleId :
 VX0628WBS02

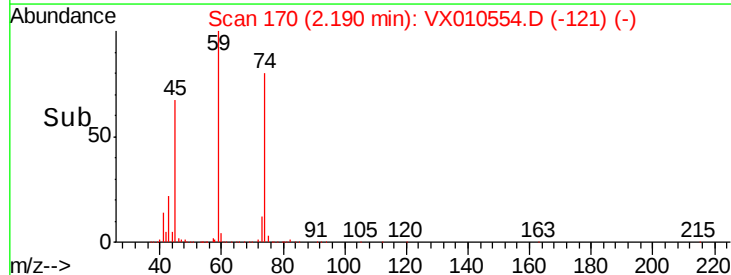
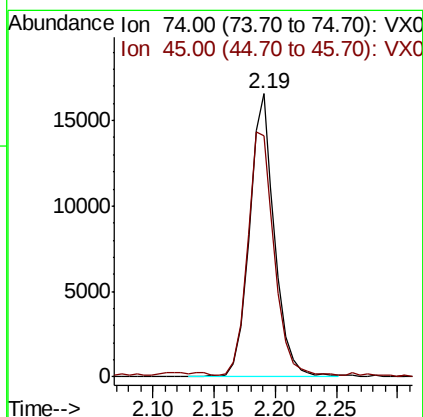
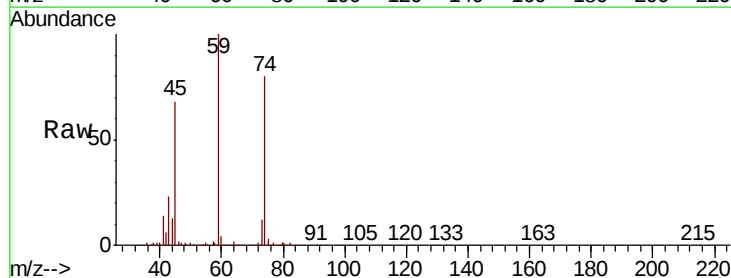
Tot Ion:101 Resp: 64797
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.3 78.5

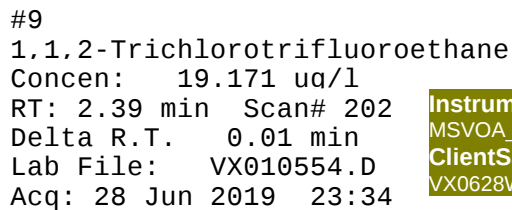


#8

Diethyl Ether
 Concen: 20.227 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

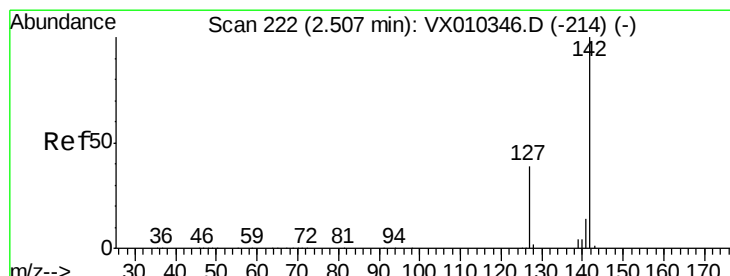
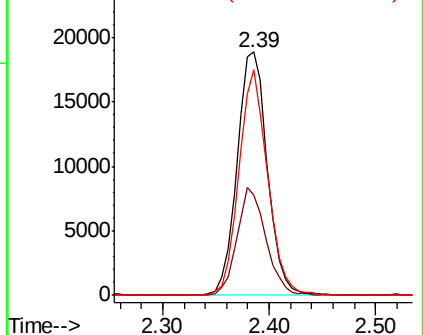
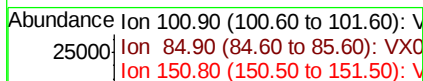
Tgt Ion: 74 Resp: 23512
 Ion Ratio Lower Upper
 74 100
 45 91.0 44.8 134.4





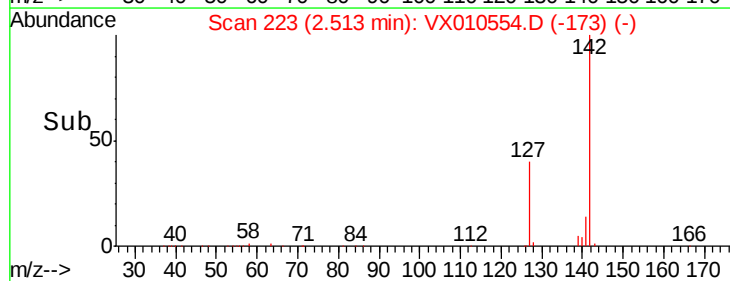
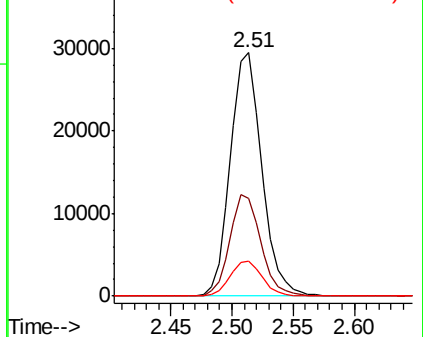
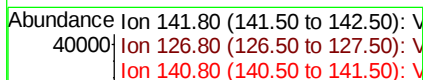
Instrument :
MSVOA_X
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VX0628WBS02

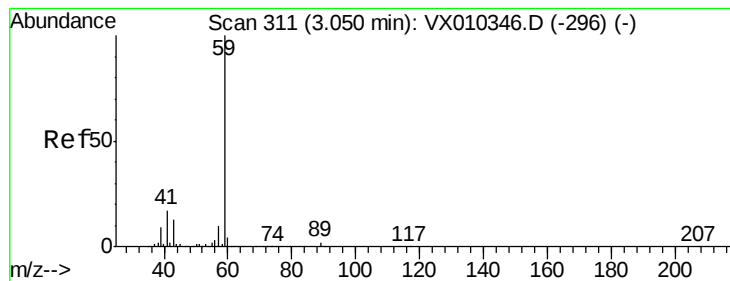
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Ion	Ratio	Lower	Upper
101	100		
85	42.7	33.7	50.5
151	87.7	70.1	105.1



```
#10
Methyl Iodide
Concen: 18.778 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34
```

Tgt	Ion:142	Resp:	52640
Ion	Ratio	Lower	Upper
142	100		
127	41.1	31.1	46.7
141	14.7	11.2	16.8



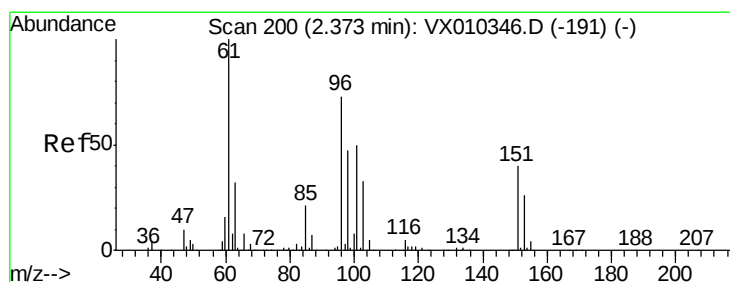
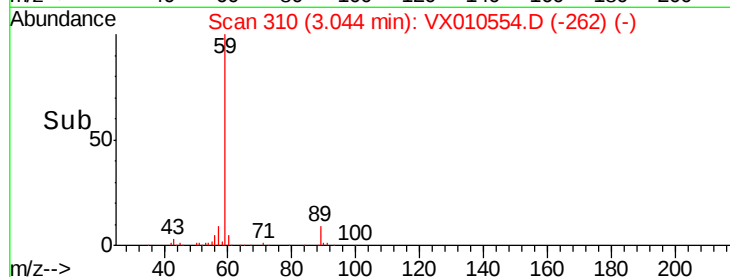
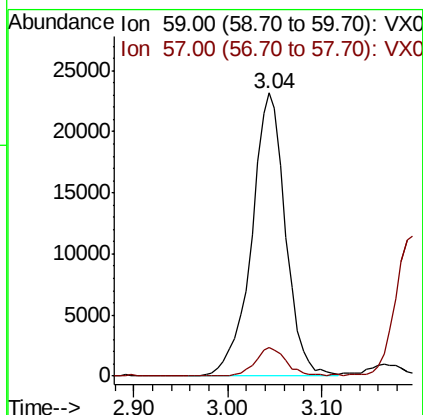
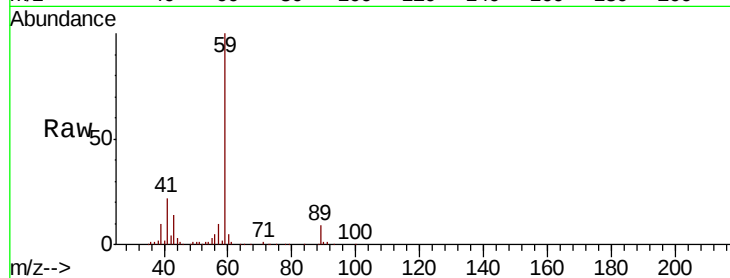


#11

Tert butyl alcohol
 Concen: 102.439 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX0628WBS02

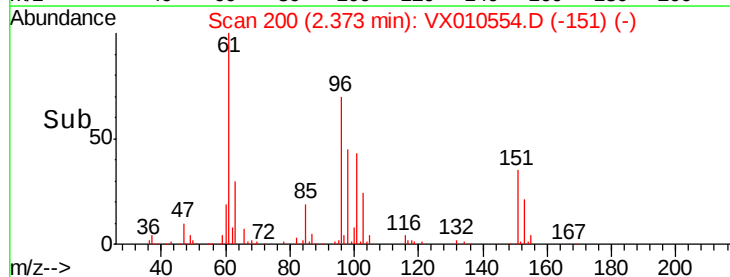
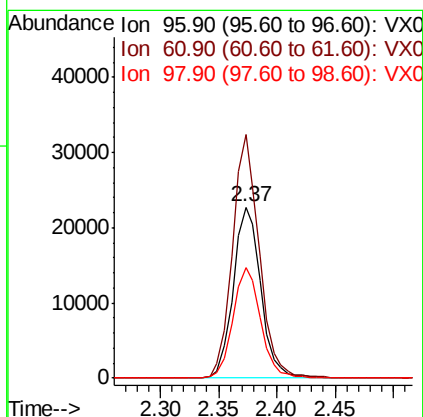
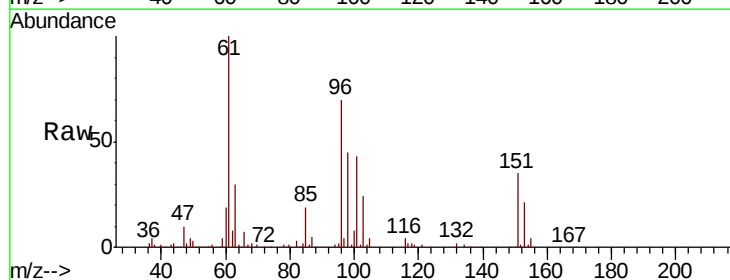
Tot Ion: 59 Resp: 57954
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.7 11.5



#12

1,1-Dichloroethene
 Concen: 18.734 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion: 96 Resp: 37445
 Ion Ratio Lower Upper
 96 100
 61 141.7 109.2 163.8
 98 64.5 51.1 76.7





#13

Acrolein

Concen: 83.949 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

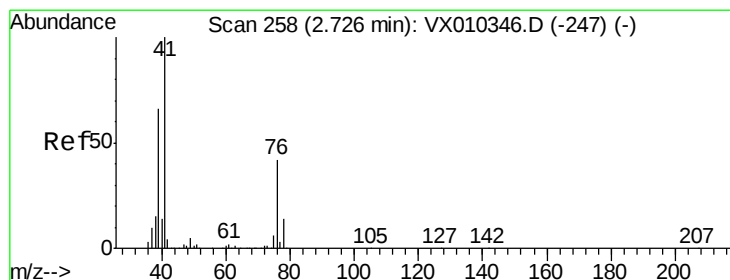
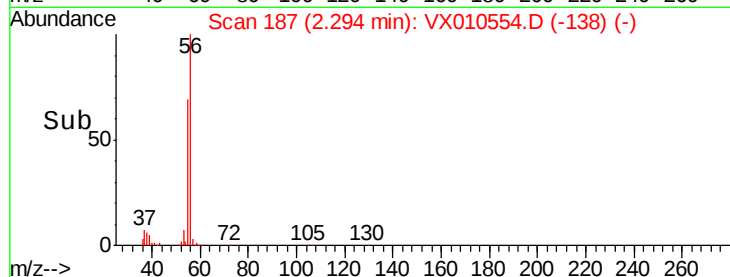
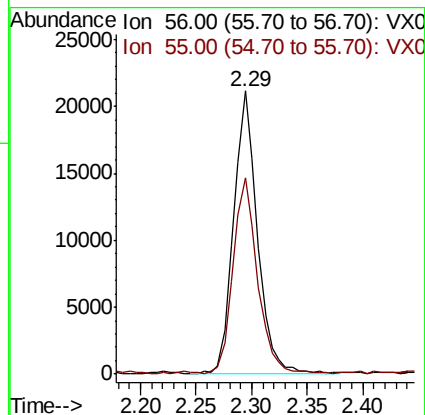
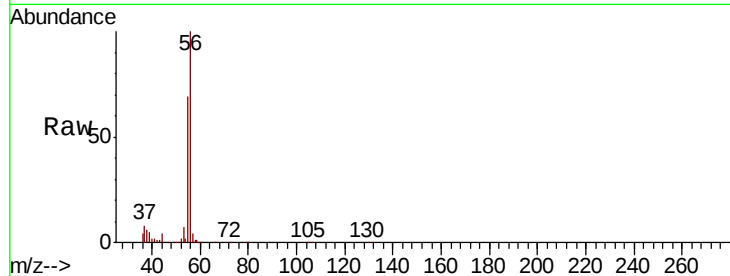
VX0628WBS02

Tot Ion: 56 Resp: 31506

Ion Ratio Lower Upper

56 100

55 69.7 56.9 85.3



#14

Allyl chloride

Concen: 18.391 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

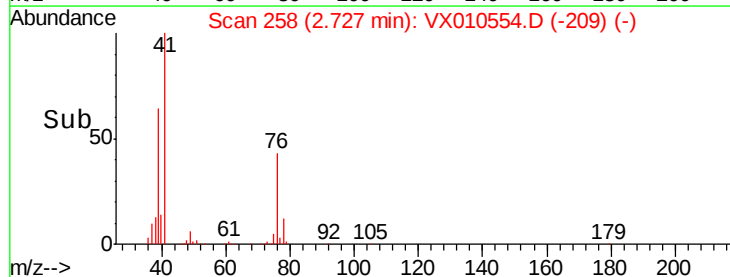
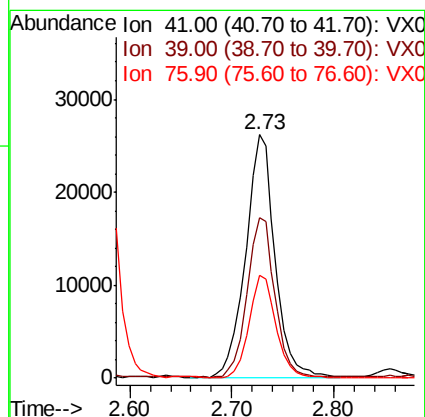
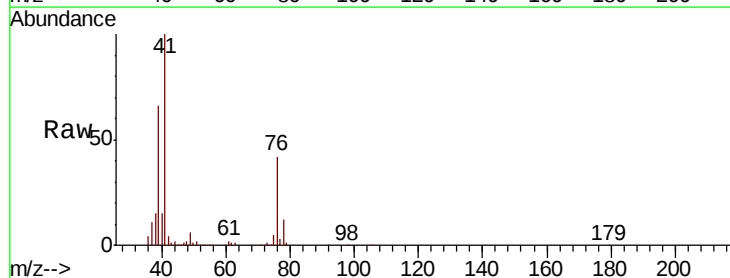
Tgt Ion: 41 Resp: 52186

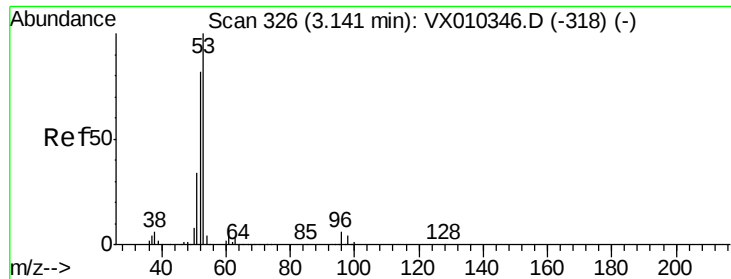
Ion Ratio Lower Upper

41 100

39 62.4 50.3 75.5

76 39.4 31.3 46.9

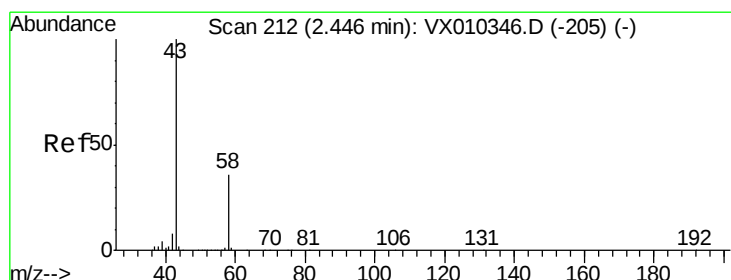
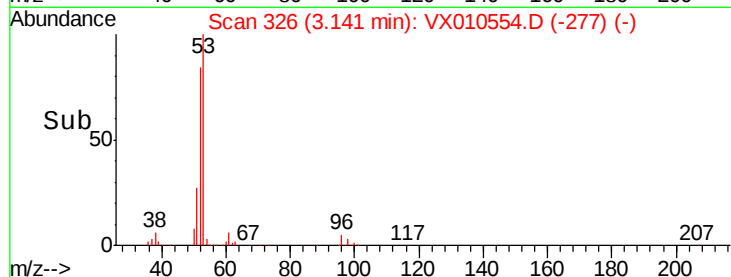
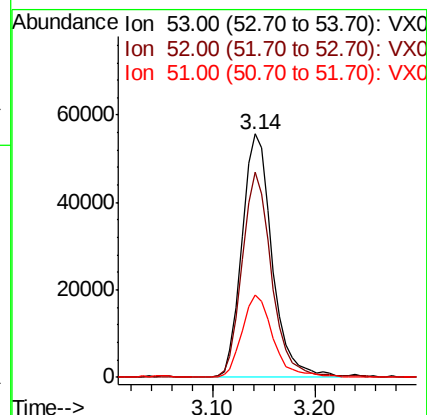
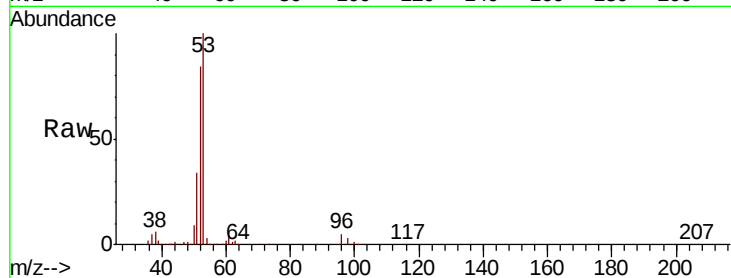




#15
 Acrylonitrile
 Concen: 102.038 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

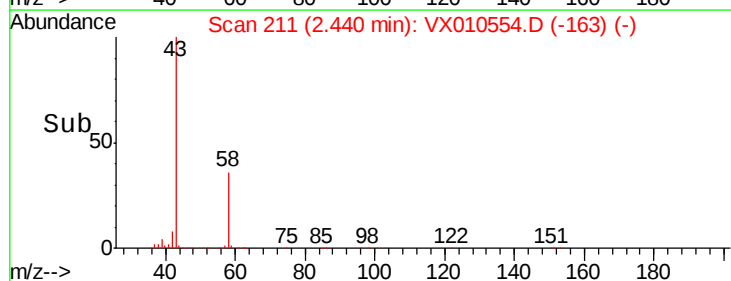
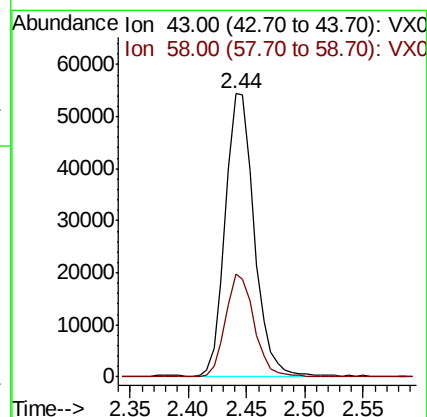
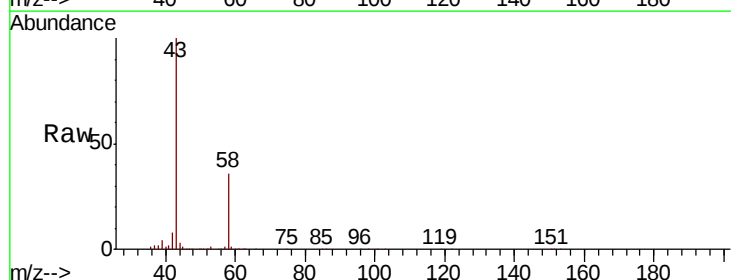
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

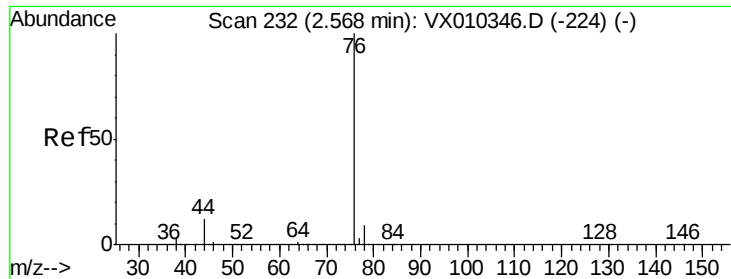
Tot Ion	53	Resp	114293
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.5	98.3
51	34.5	28.2	42.4



#16
 Acetone
 Concen: 85.655 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion	43	Resp	92812
Ion	Ratio	Lower	Upper
43	100		
58	36.2	28.9	43.3

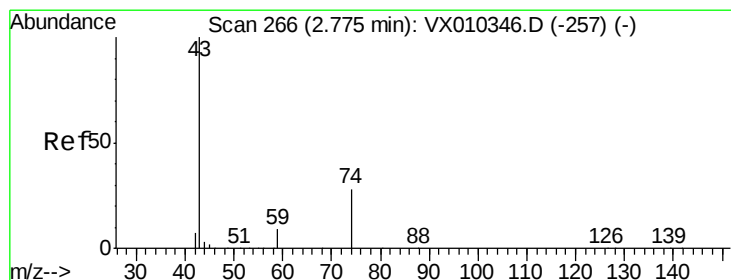
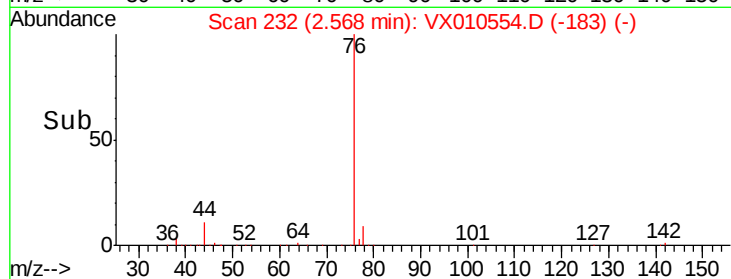
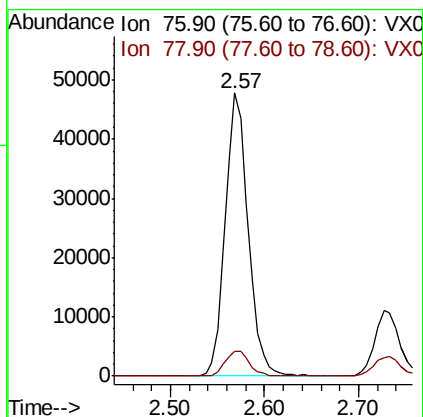
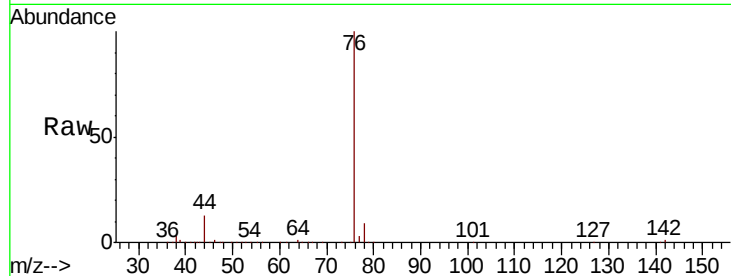




#17
Carbon Disulfide
Concen: 15.055 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

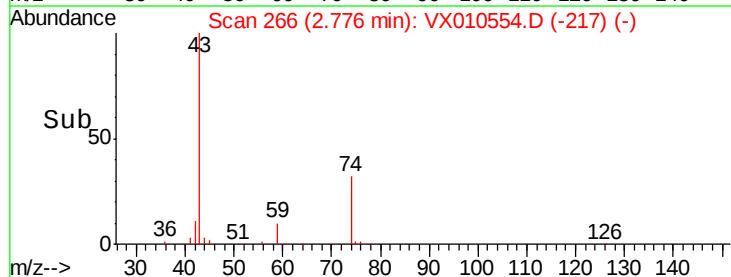
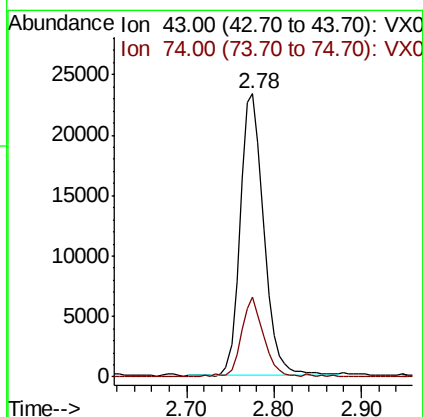
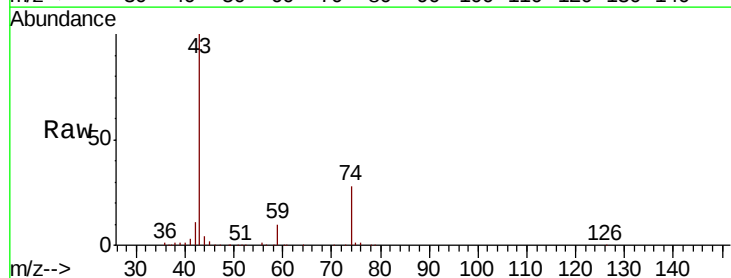
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

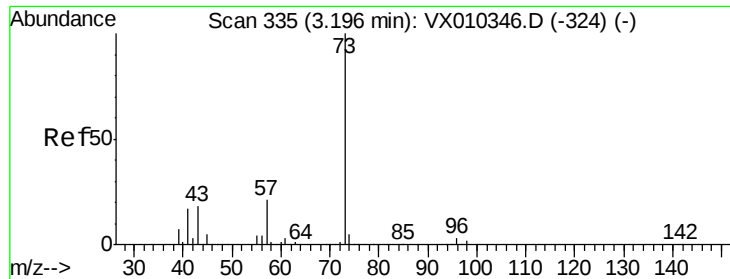
Tot Ion: 76 Resp: 80729
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 20.319 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 43 Resp: 43881
Ion Ratio Lower Upper
43 100
74 26.8 21.3 31.9

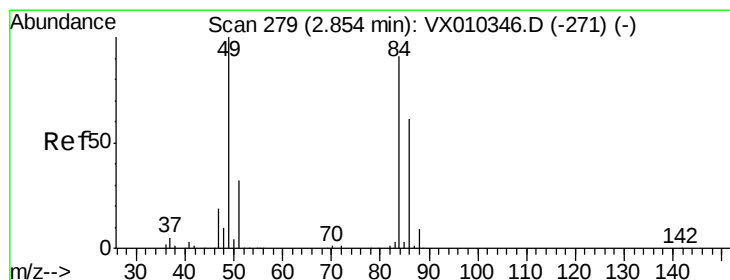
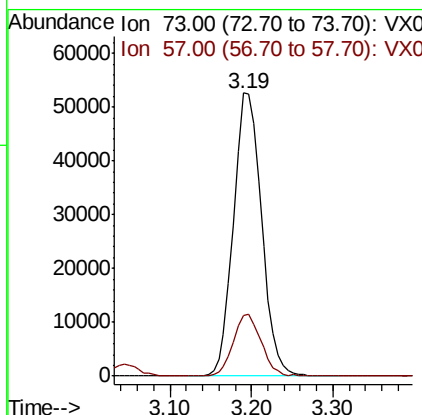
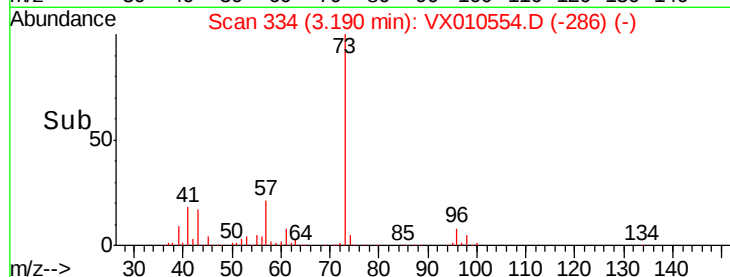
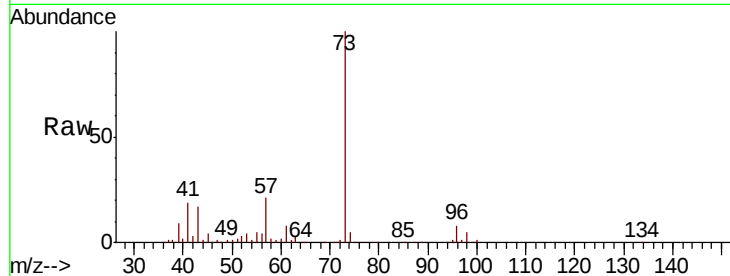




#19
Methvl tert-butvl Ether
Concen: 19.931 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

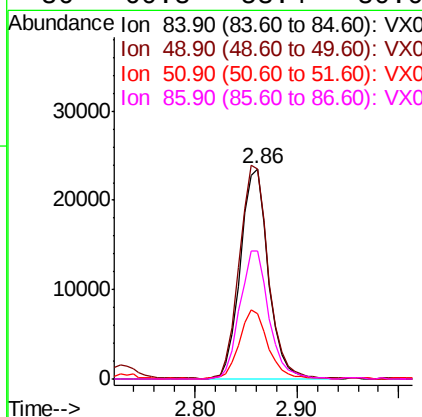
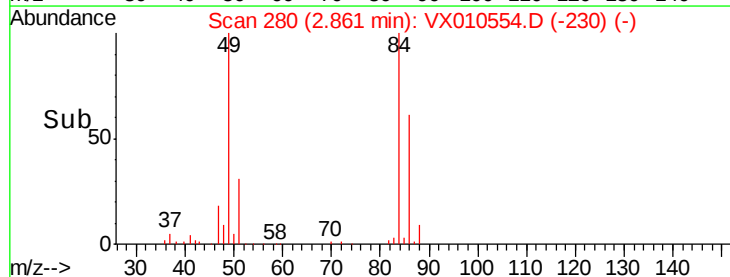
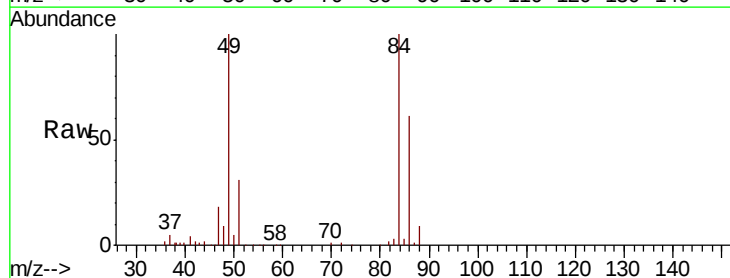
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion: 73 Resp: 125326
Ion Ratio Lower Upper
73 100
57 21.1 16.4 24.6



#20
Methylene Chloride
Concen: 20.040 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 84 Resp: 44688
Ion Ratio Lower Upper
84 100
49 99.6 87.5 131.3
51 30.6 27.7 41.5
86 60.8 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 18.753 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

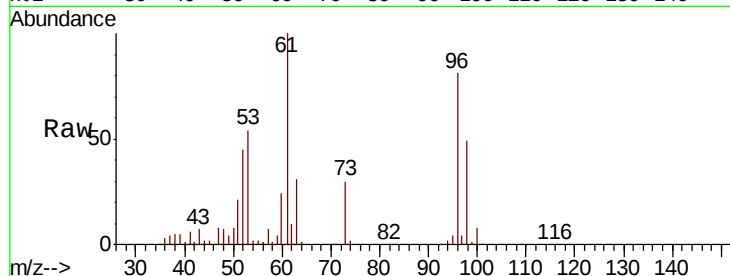
Tot Ion: 96 Resp: 40312

Ion Ratio Lower Upper

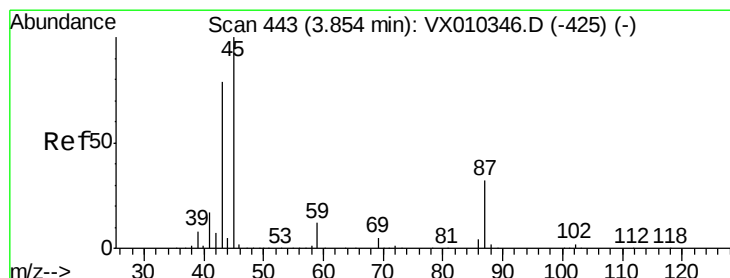
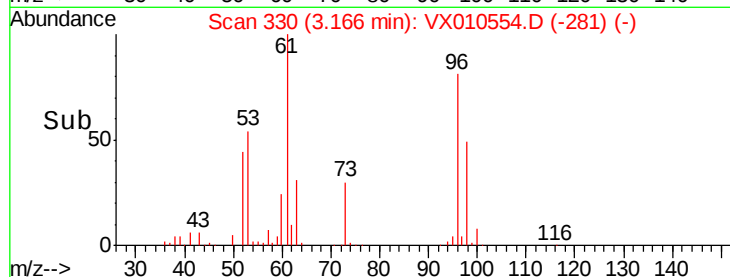
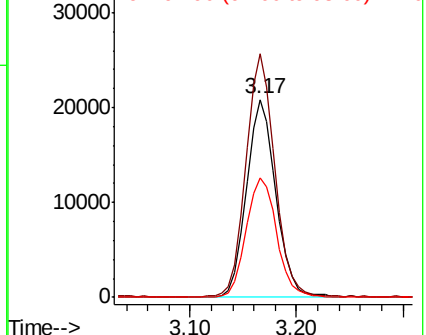
96 100

61 122.9 95.6 143.4

98 60.6 52.5 78.7



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



#22

Diisopropyl ether

Concen: 20.170 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Tgt Ion: 45 Resp: 119664

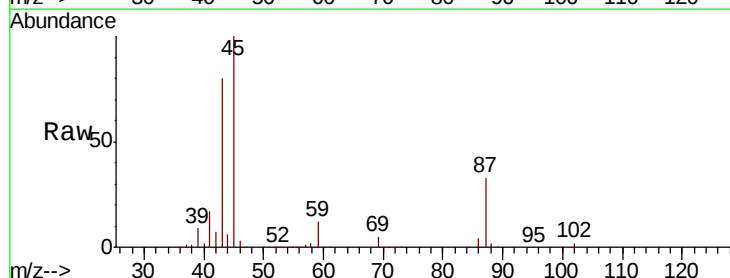
Ion Ratio Lower Upper

45 100

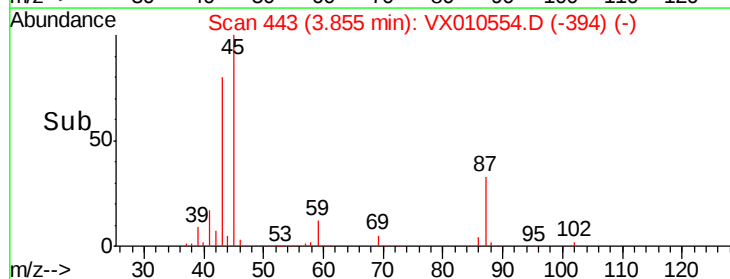
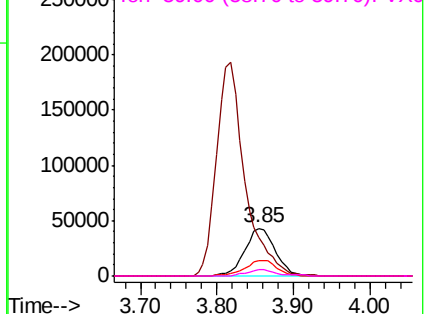
43 79.4 63.3 94.9

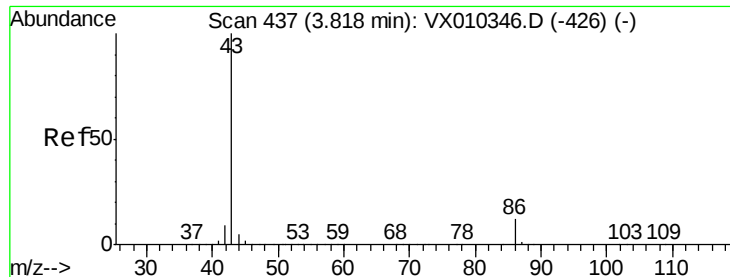
87 33.4 25.8 38.8

59 12.2 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.438 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

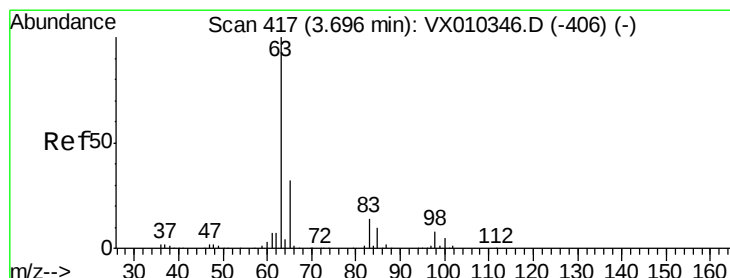
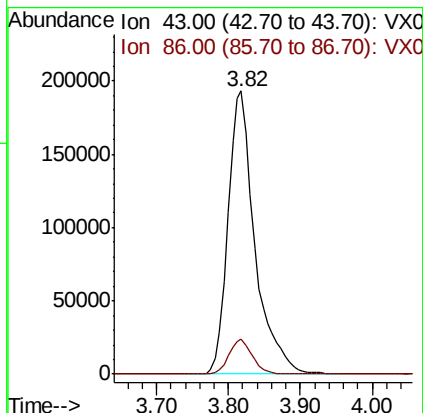
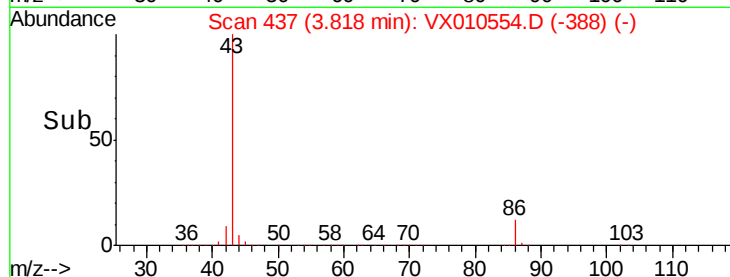
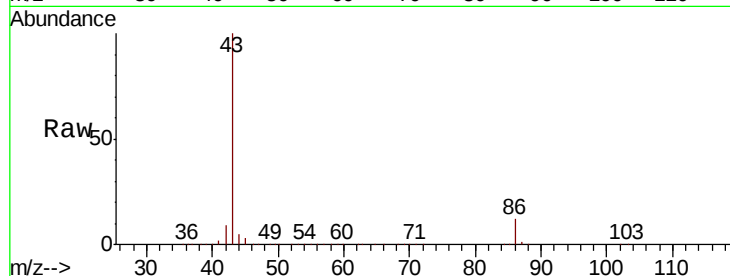
VX0628WBS02

Tot Ion: 43 Resp: 499405

Ion Ratio Lower Upper

43 100

86 12.4 9.9 14.9



#24

1,1-Dichloroethane

Concen: 19.868 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

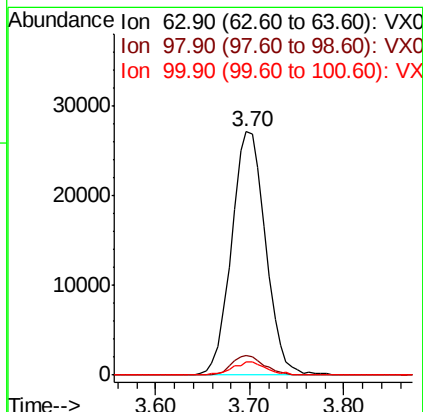
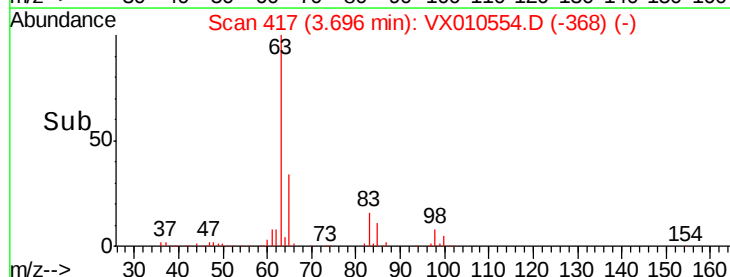
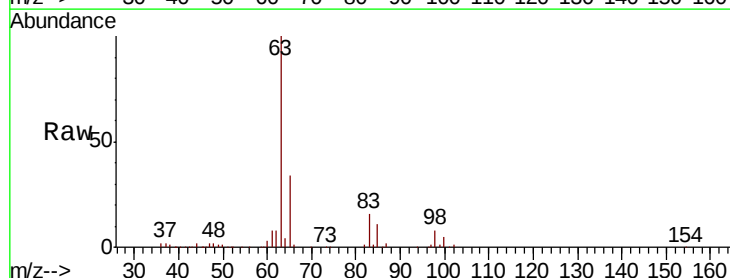
Tgt Ion: 63 Resp: 68135

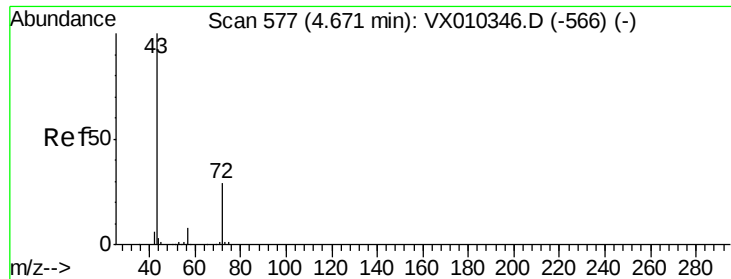
Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.7

100 5.3 2.4 7.1





#25

2-Butanone

Concen: 96.985 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

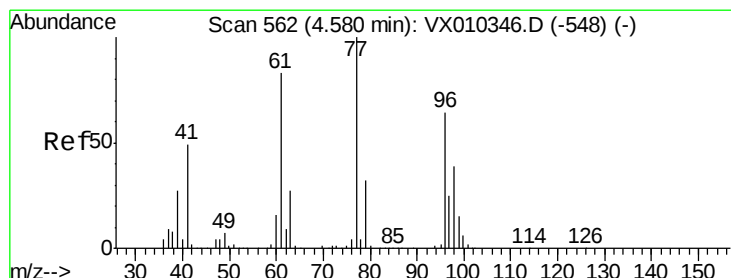
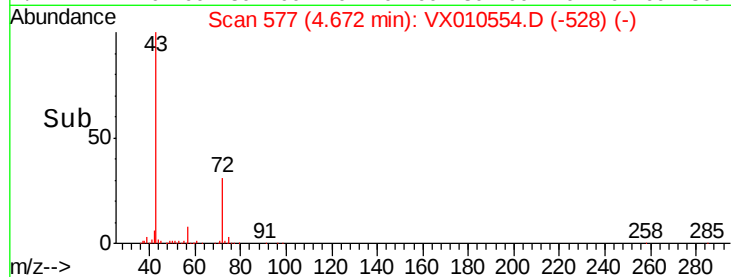
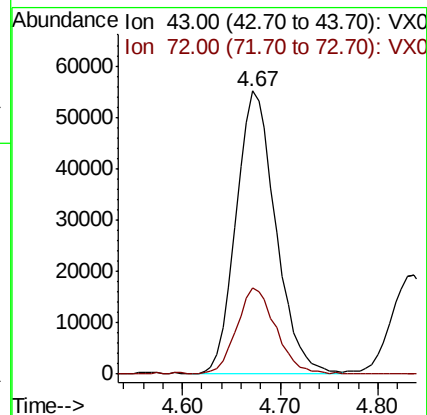
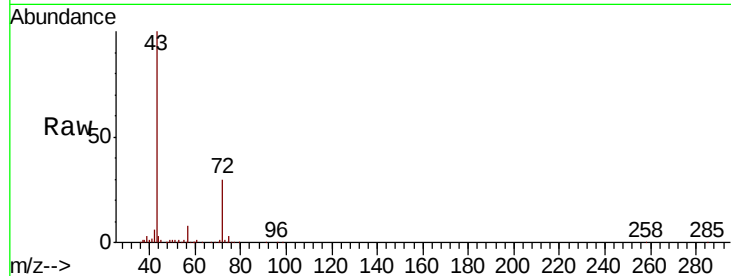
VX0628WBS02

Tot Ion: 43 Resp: 154153

Ion Ratio Lower Upper

43 100

72 30.4 23.3 34.9



#26

2,2-Dichloropropane

Concen: 14.259 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010554.D

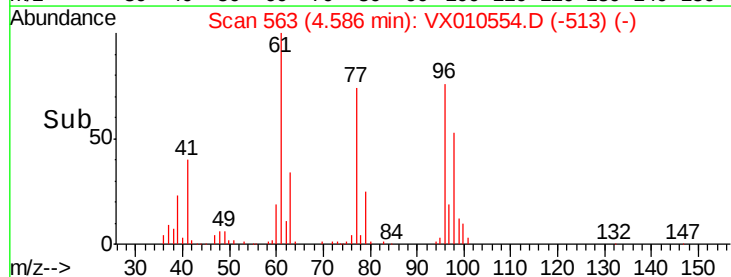
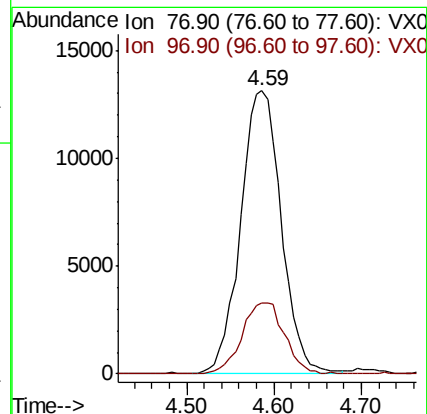
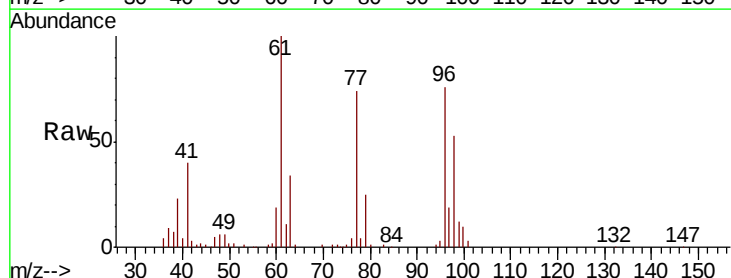
Acq: 28 Jun 2019 23:34

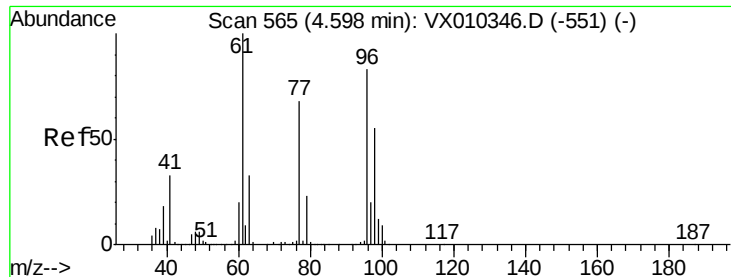
Tgt Ion: 77 Resp: 42479

Ion Ratio Lower Upper

77 100

97 26.2 13.1 39.3



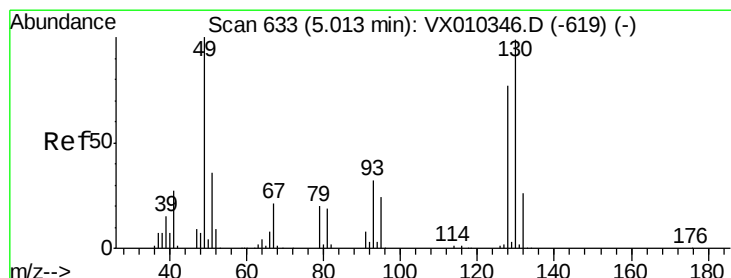
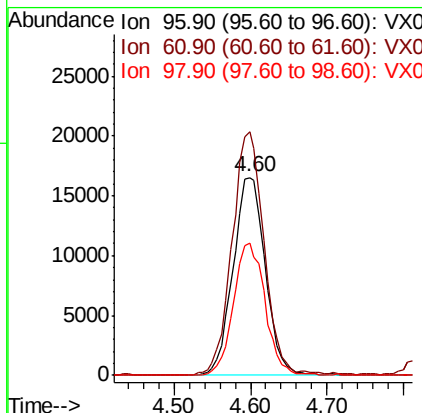
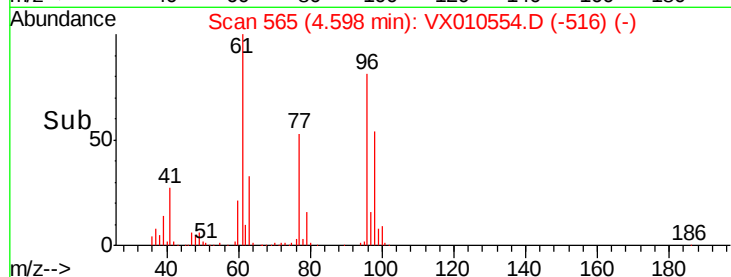
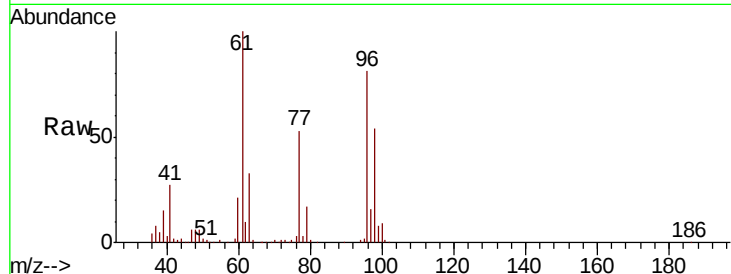


#27

cis-1,2-Dichloroethene
 Concen: 19.438 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
 MSVOA_X
 ClientSampled :
 VX0628WBS02

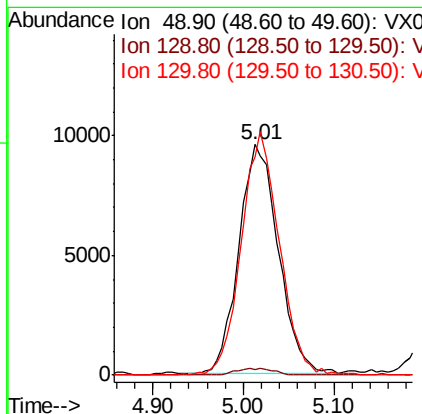
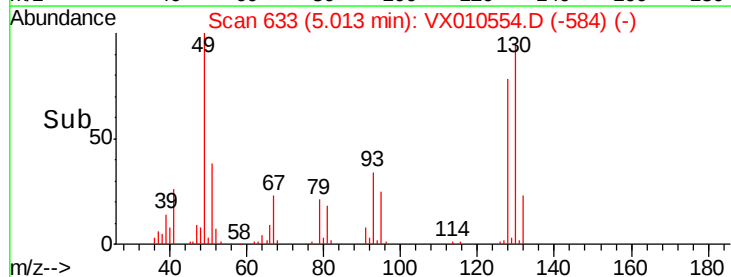
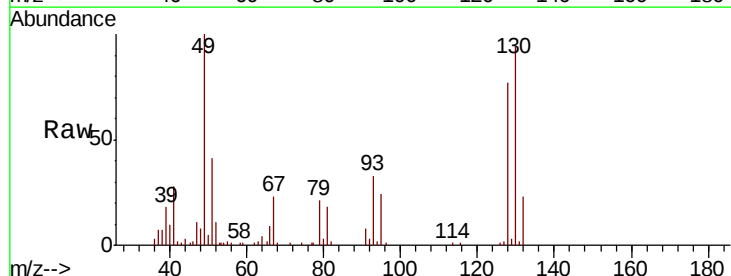
Tot Ion: 96 Resp: 48287
 Ion Ratio Lower Upper
 96 100
 61 122.8 0.0 251.8
 98 65.5 0.0 129.4

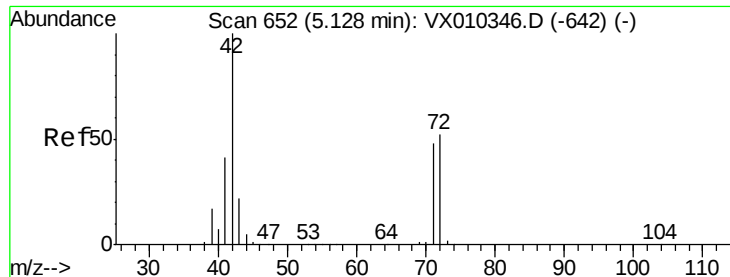


#28

Bromochloromethane
 Concen: 17.677 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion: 49 Resp: 28985
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.6
 130 102.1 81.4 122.0





#29

Tetrahydrofuran

Concen: 101.120 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

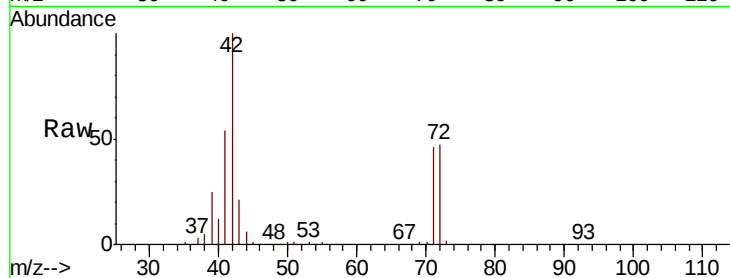
Tot Ion: 42 Resp: 99554

Ion Ratio Lower Upper

42 100

72 50.4 40.6 60.8

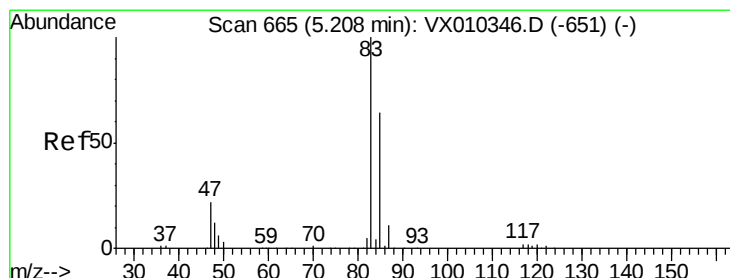
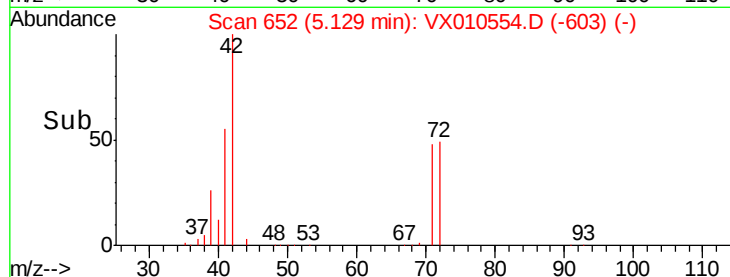
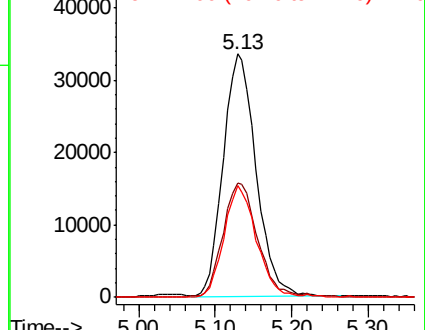
71 45.4 37.8 56.8



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: 19.583 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010554.D

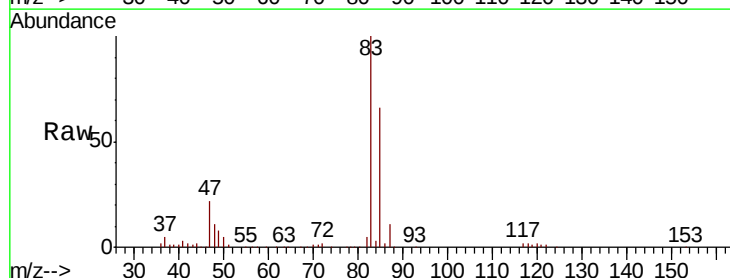
Acq: 28 Jun 2019 23:34

Tgt Ion: 83 Resp: 72259

Ion Ratio Lower Upper

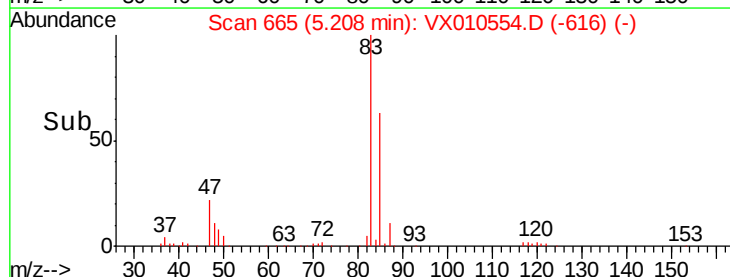
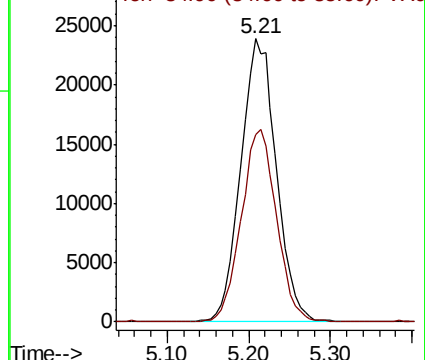
83 100

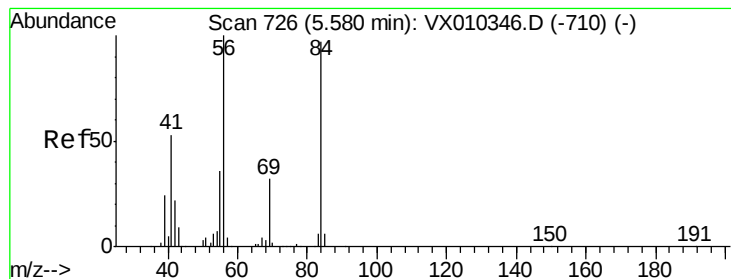
85 66.1 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.441 ug/l

RT: 5.59 min Scan# 727

Delta R.T. 0.01 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

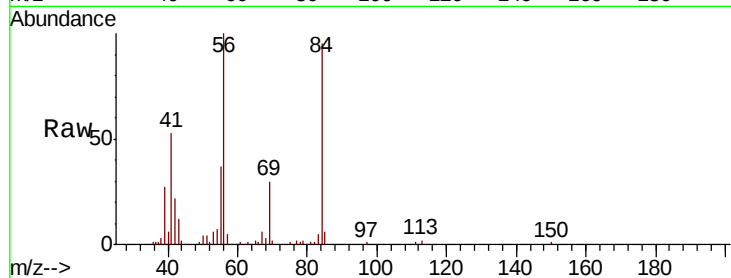
Tot Ion: 56 Resp: 57590

Ion Ratio Lower Upper

56 100

69 29.5 25.9 38.9

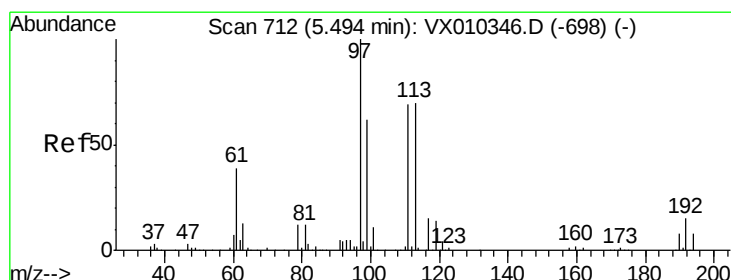
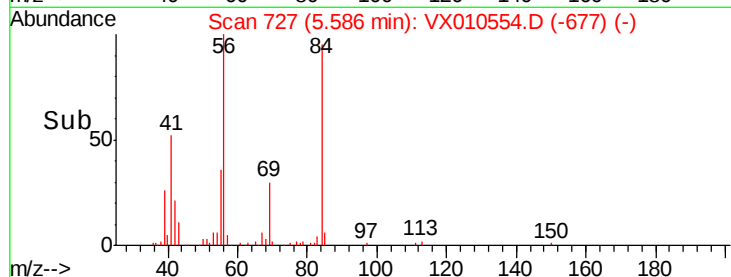
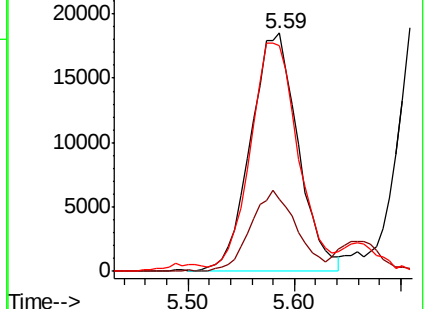
84 92.3 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.397 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

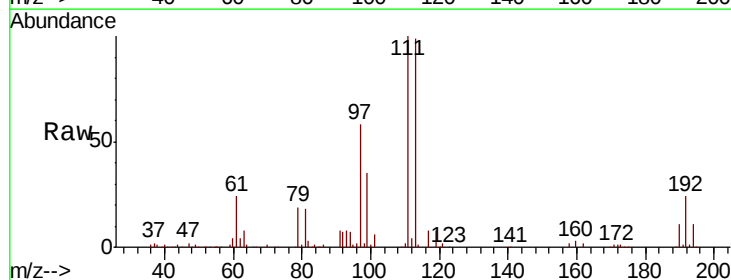
Tgt Ion: 97 Resp: 63199

Ion Ratio Lower Upper

97 100

99 64.0 51.8 77.8

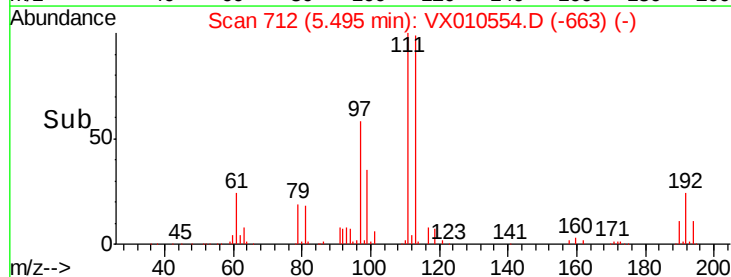
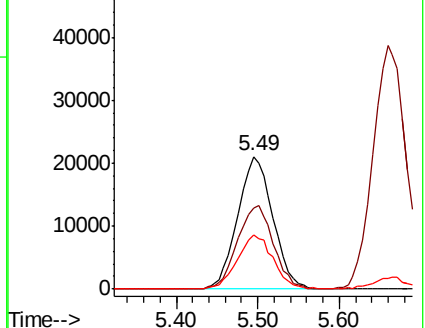
61 41.7 32.1 48.1

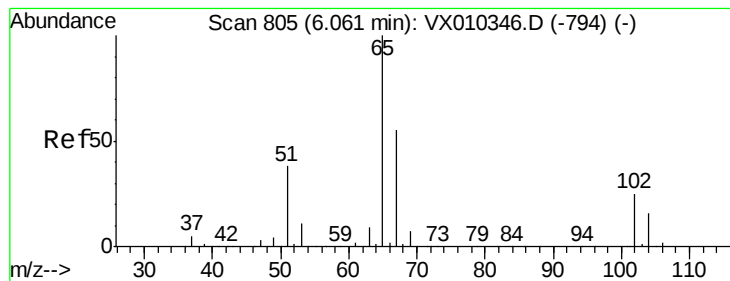


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.489 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

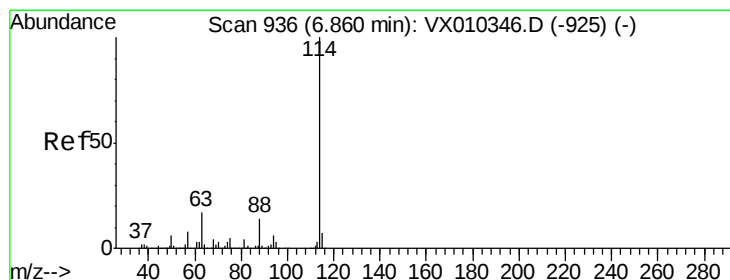
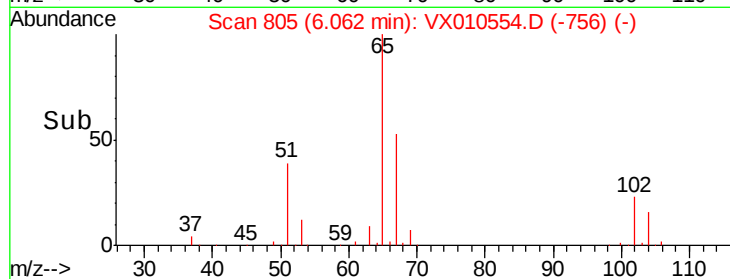
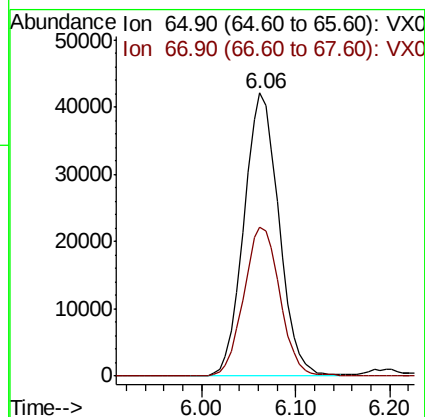
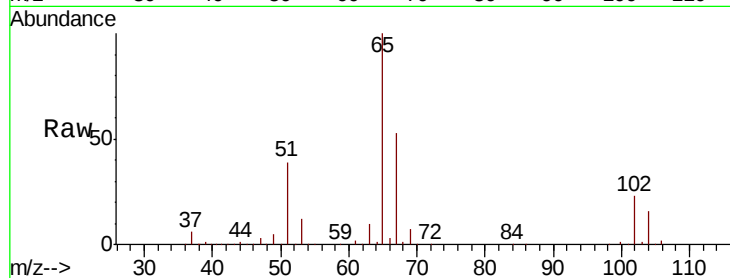
VX0628WBS02

Tot Ion: 65 Resp: 109160

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

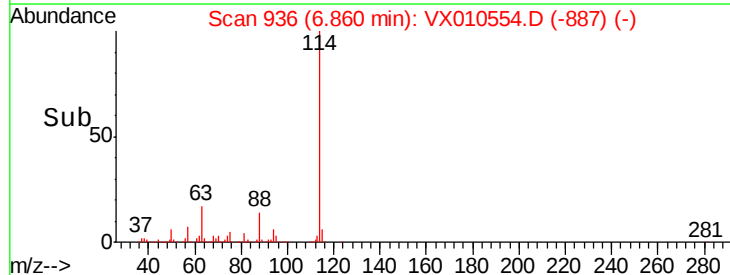
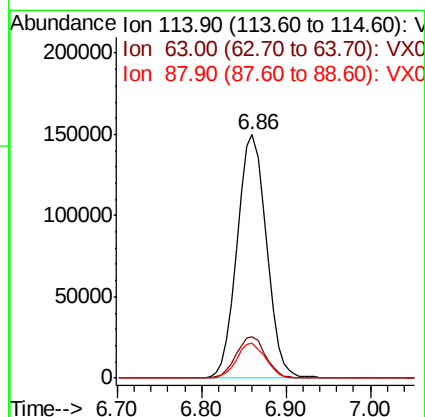
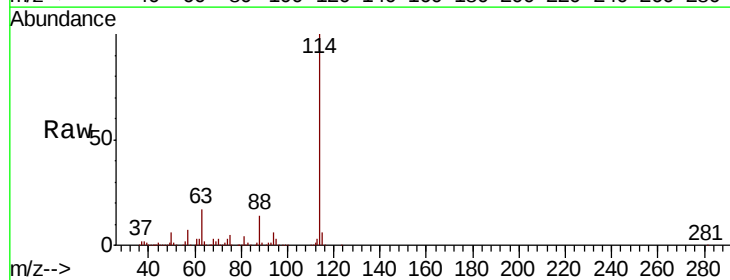
Tgt Ion: 114 Resp: 351673

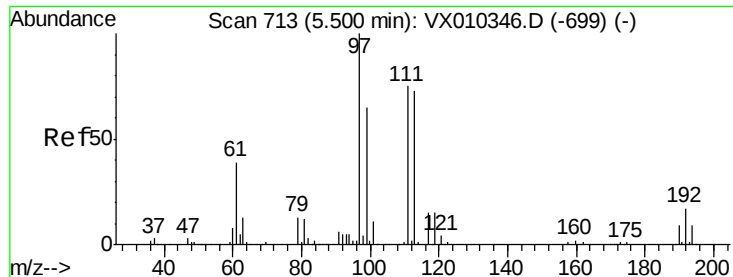
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

88 14.3 0.0 27.6





#35

Dibromofluoromethane

Concen: 48.887 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

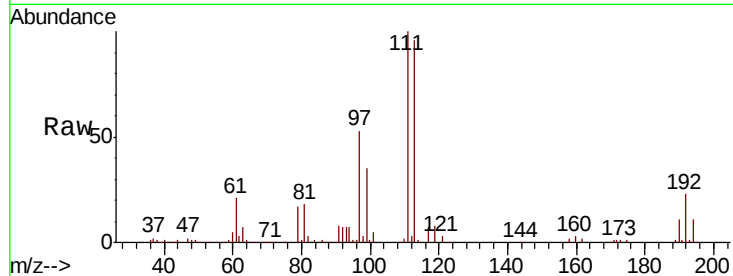
Tot Ion:113 Resp: 105189

Ion Ratio Lower Upper

113 100

111 103.2 81.2 121.8

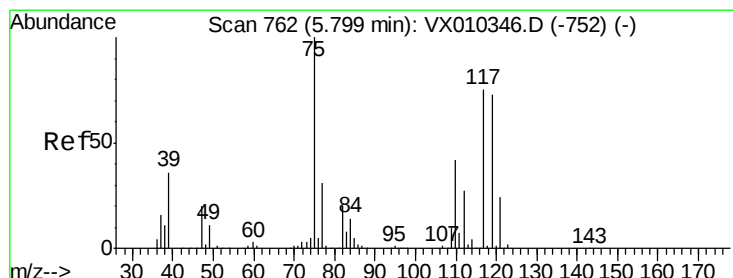
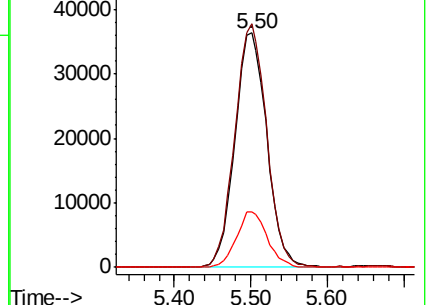
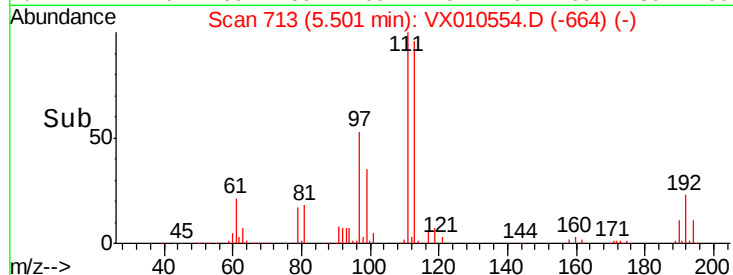
192 22.9 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.899 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

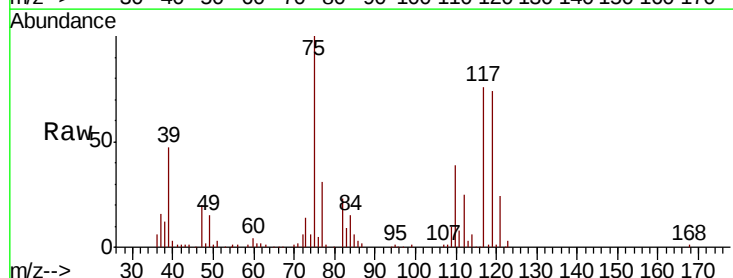
Tgt Ion: 75 Resp: 50020

Ion Ratio Lower Upper

75 100

110 42.1 20.8 62.2

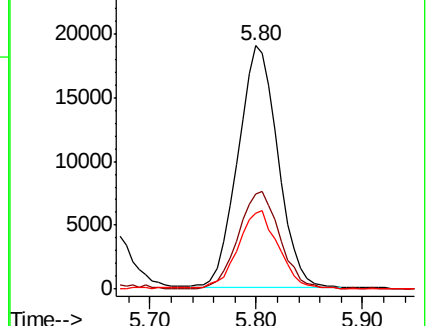
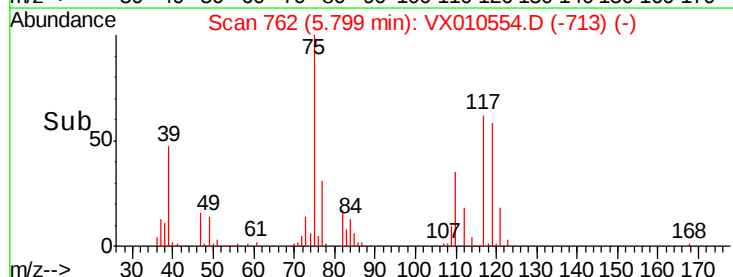
77 32.8 25.4 38.0

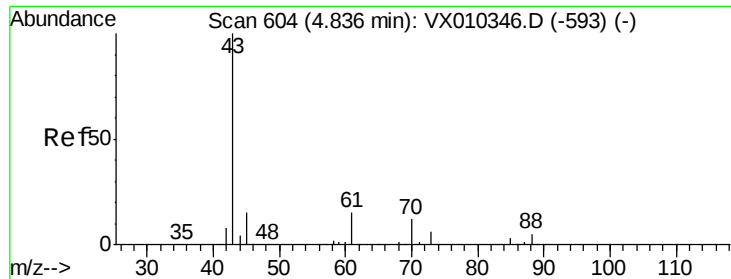


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

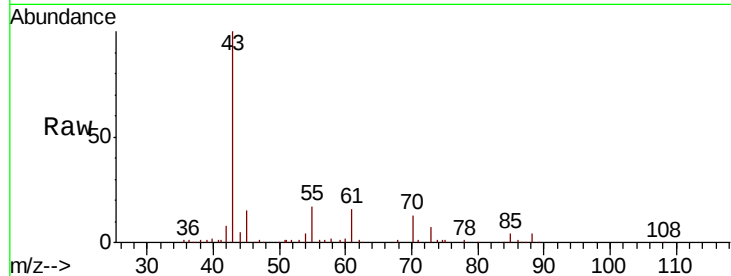




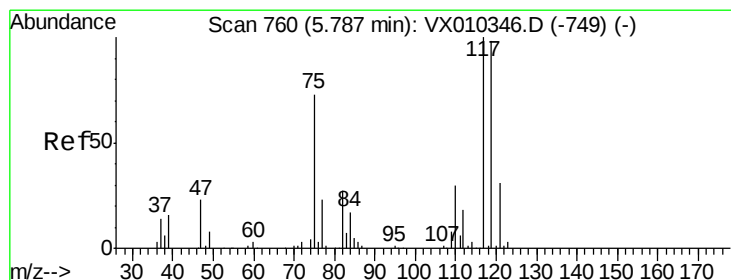
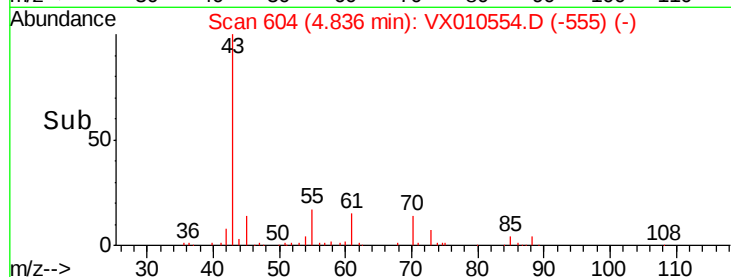
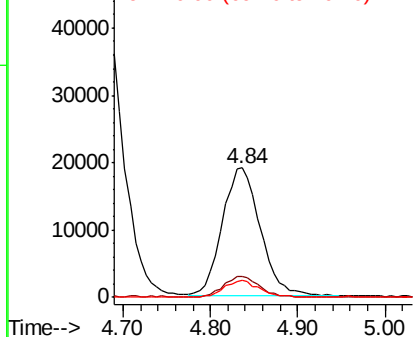
#37
Ethyl Acetate
Concen: 19.850 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion: 43 Resp: 57068
Ion Ratio Lower Upper
43 100
61 15.1 12.4 18.6
70 12.5 9.8 14.8

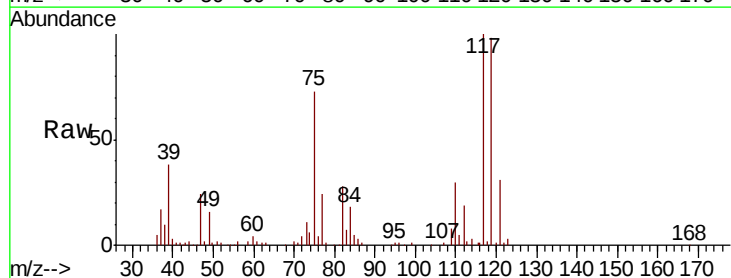


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

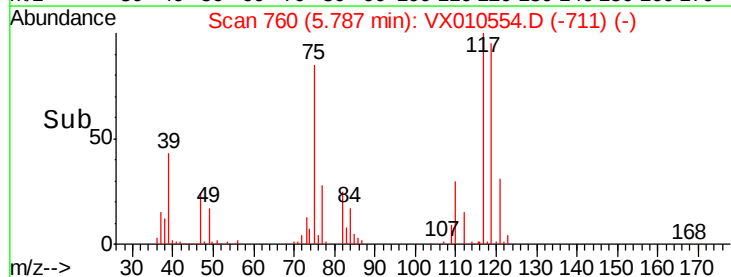
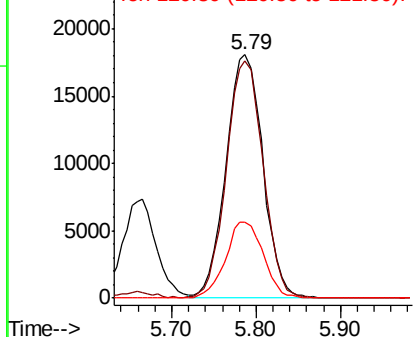


#38
Carbon Tetrachloride
Concen: 17.661 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 117 Resp: 53446
Ion Ratio Lower Upper
117 100
119 97.6 78.2 117.4
121 31.3 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

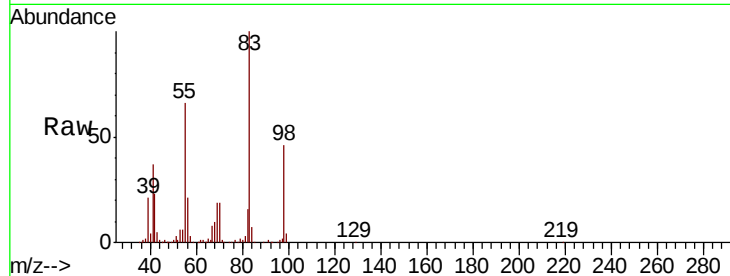




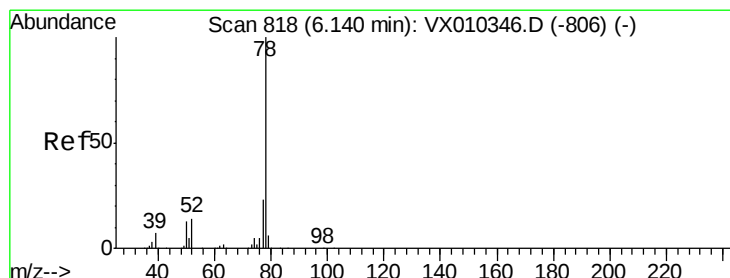
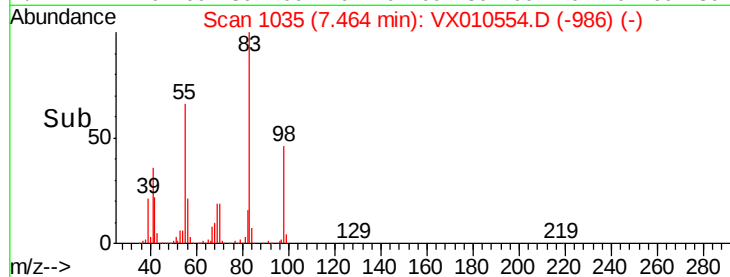
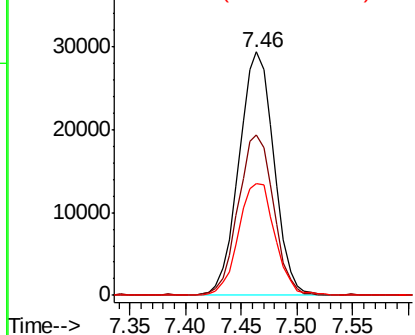
#39
Methvlcvclohexane
Concen: 17.486 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion: 83 Resp: 64232
Ion Ratio Lower Upper
83 100
55 65.8 53.0 79.6
98 46.0 37.8 56.8

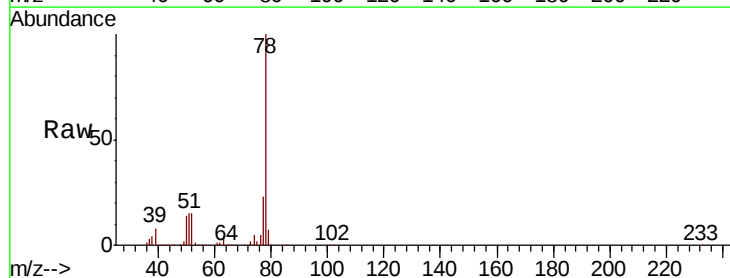


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

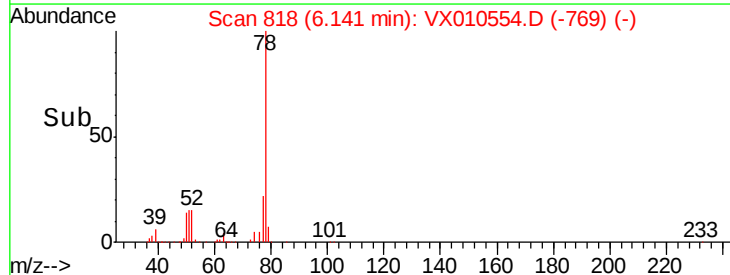
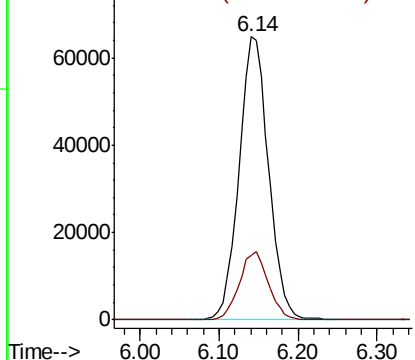


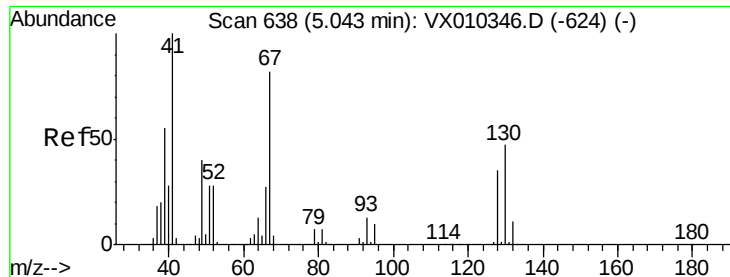
#40
Benzene
Concen: 19.373 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 78 Resp: 168666
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0



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

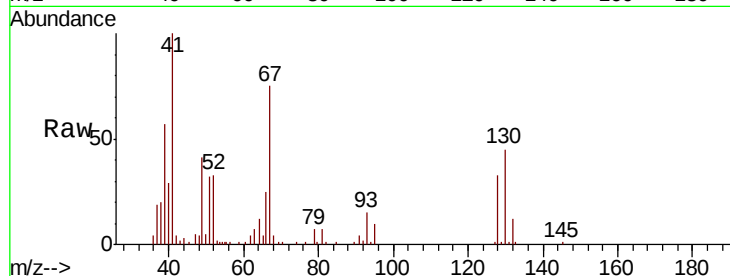




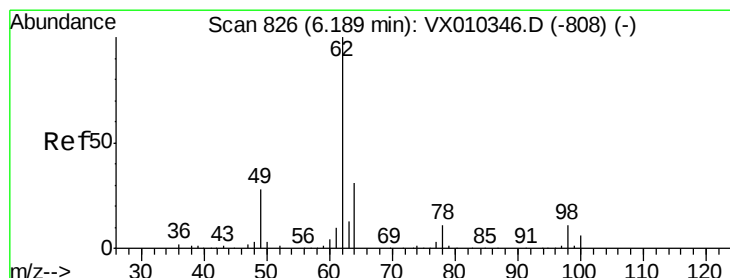
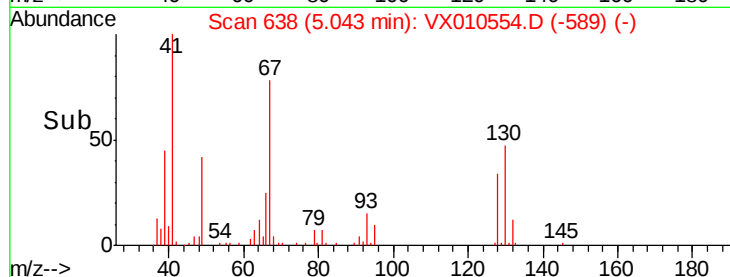
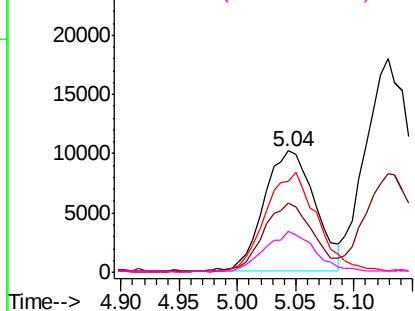
#41
Methacrylonitrile
Concen: 19.570 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampleID :
VX0628WBS02

Tot Ion:	41	Resp:	30871
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.8	65.8
67	82.7	66.6	100.0
52	34.3	24.5	36.7

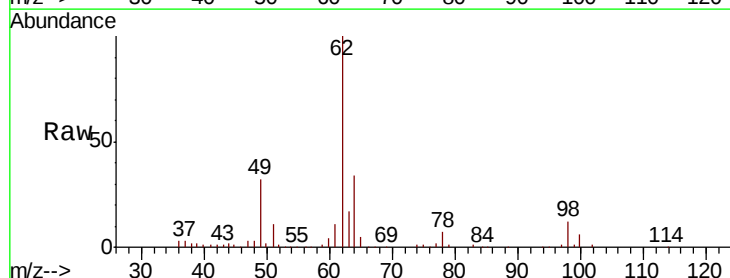


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

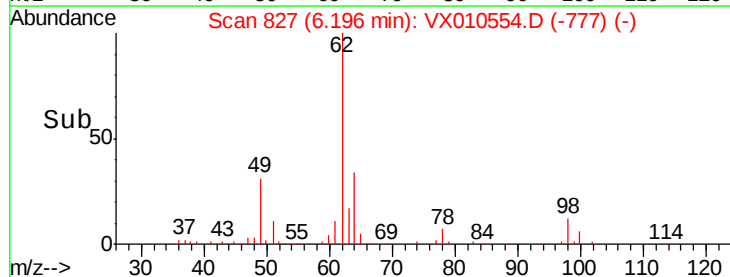
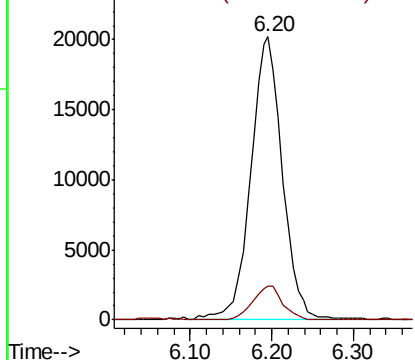


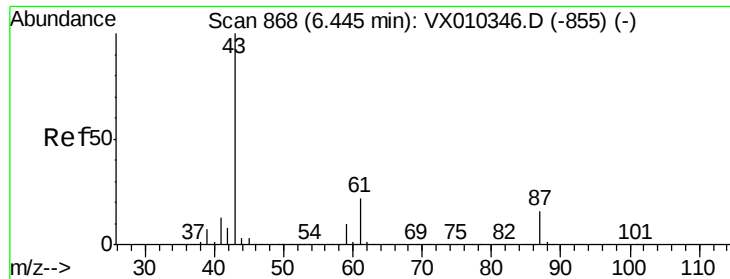
#42
1,2-Dichloroethane
Concen: 20.586 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion:	62	Resp:	54559
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



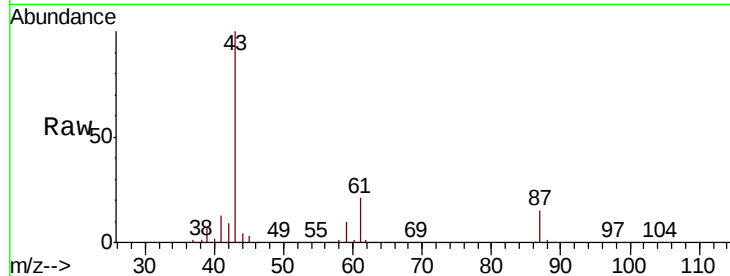


#43

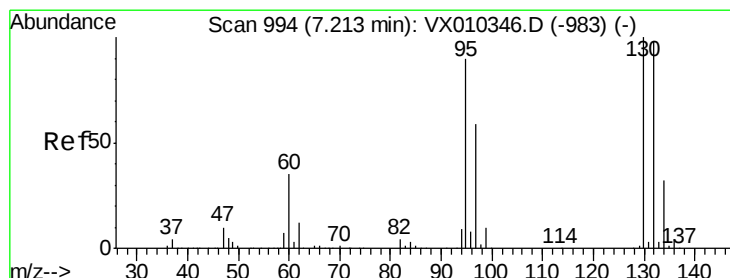
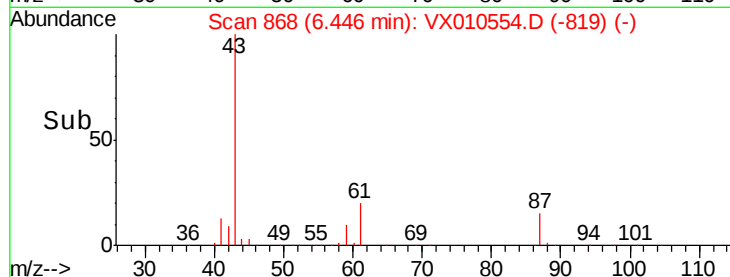
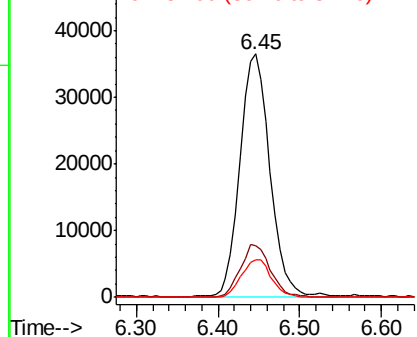
Isopropyl Acetate
 Concen: 19.398 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion: 43 Resp: 92270
 Ion Ratio Lower Upper
 43 100
 61 22.1 17.8 26.6
 87 15.6 13.0 19.4



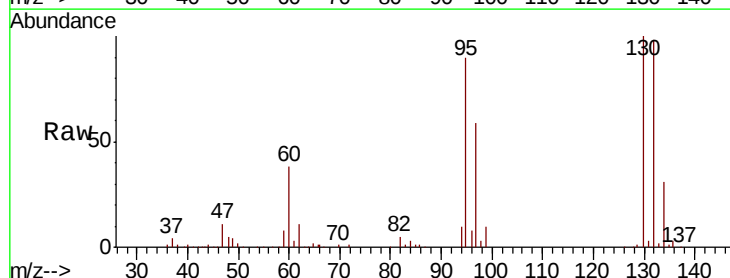
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



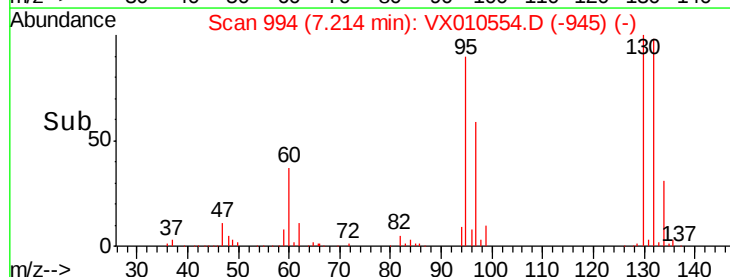
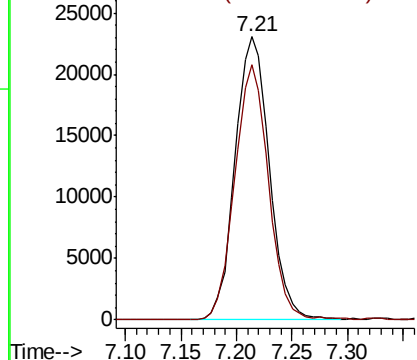
#44

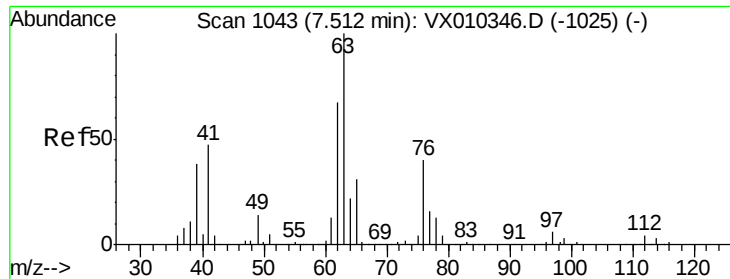
Trichloroethene
 Concen: 18.922 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion: 130 Resp: 49296
 Ion Ratio Lower Upper
 130 100
 95 90.2 0.0 180.8



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





#45

1,2-Dichloropropane

Concen: 19.460 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

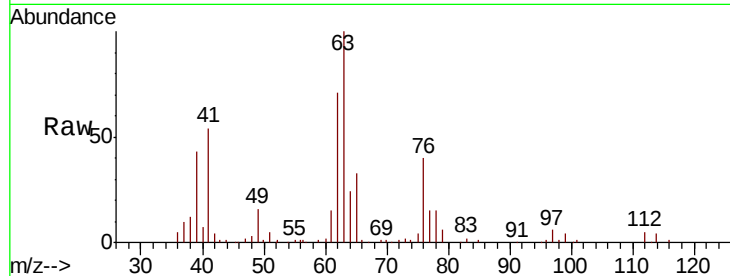
VX0628WBS02

Tot Ion: 63 Resp: 42785

Ion Ratio Lower Upper

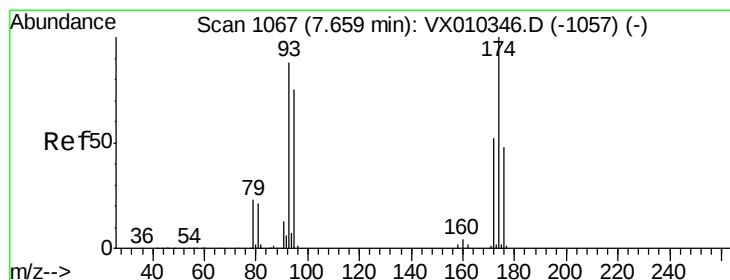
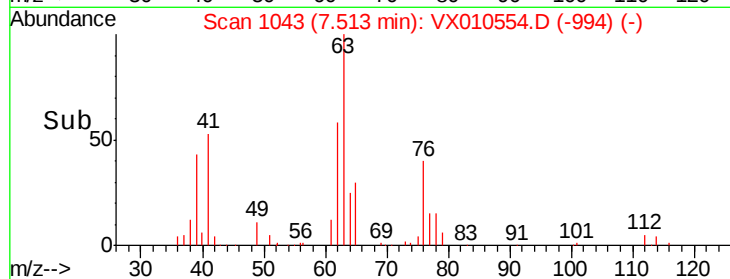
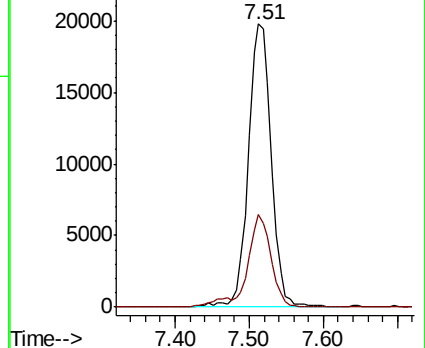
63 100

65 32.9 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.524 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

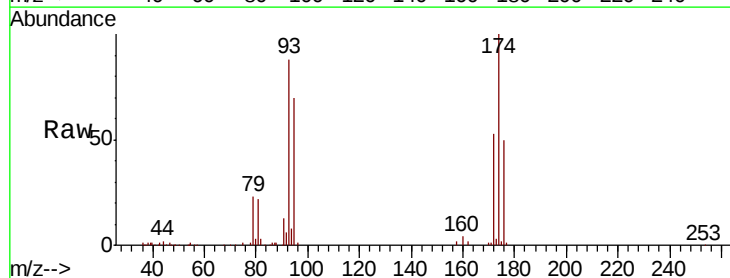
Tgt Ion: 93 Resp: 30798

Ion Ratio Lower Upper

93 100

95 82.2 67.5 101.3

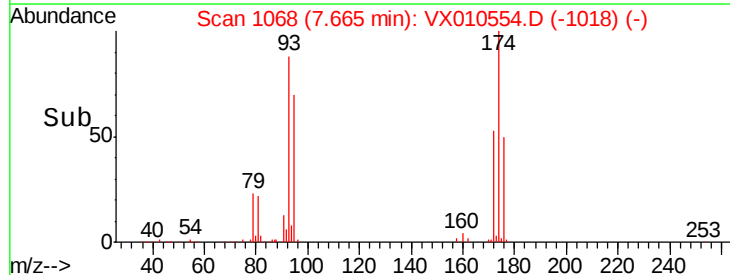
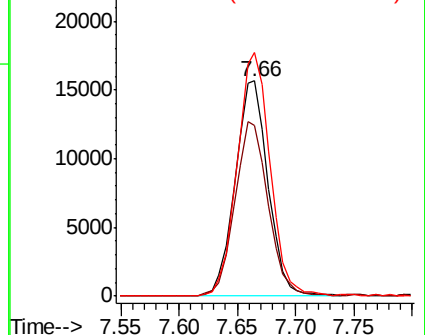
174 113.9 95.8 143.6

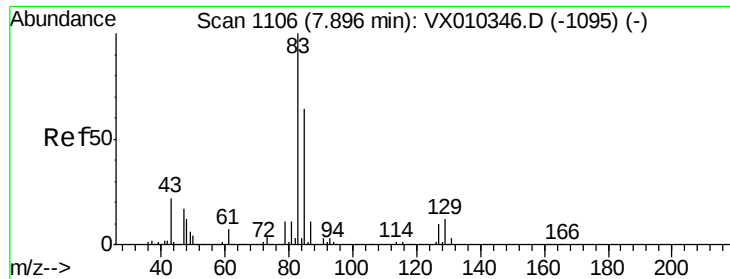


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

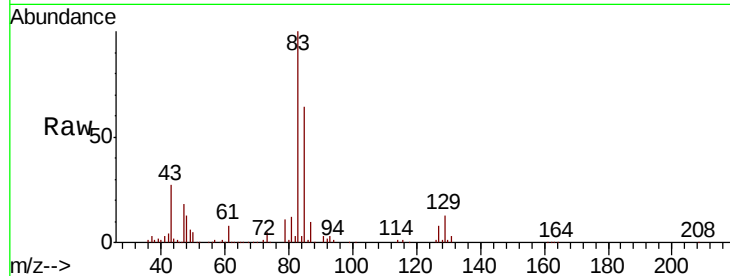




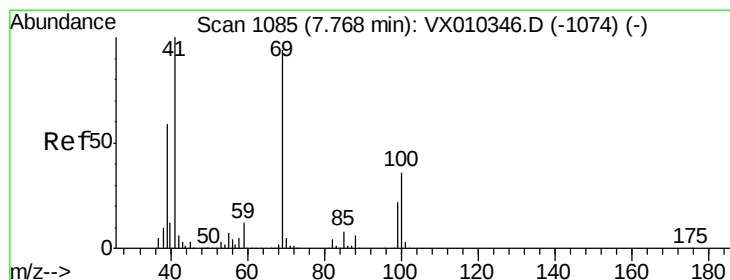
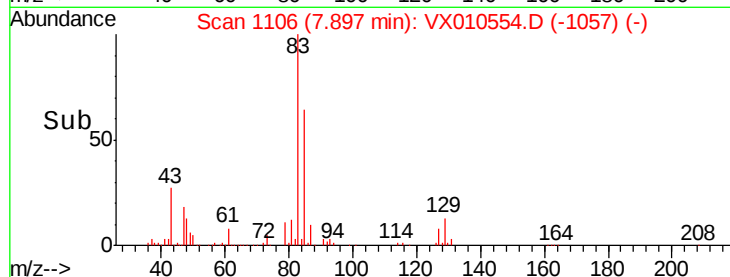
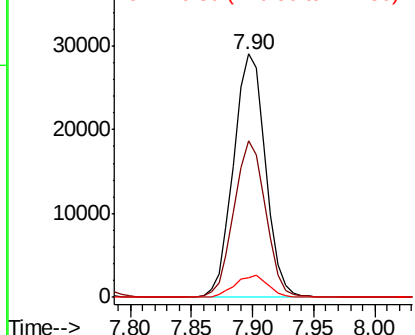
#47
Bromodichloromethane
Concen: 18.190 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion: 83 Resp: 52586
Ion Ratio Lower Upper
83 100
85 64.3 51.5 77.3
127 8.2 7.8 11.8

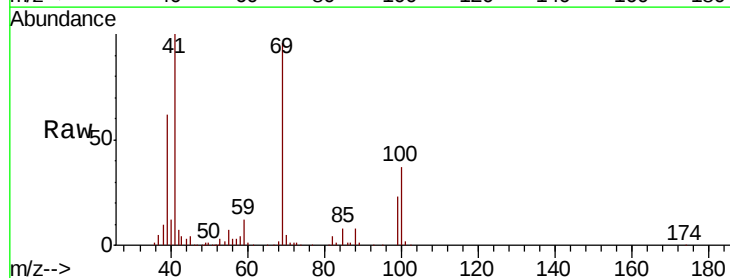


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V

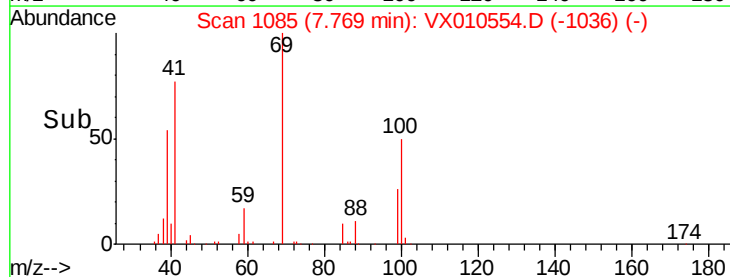
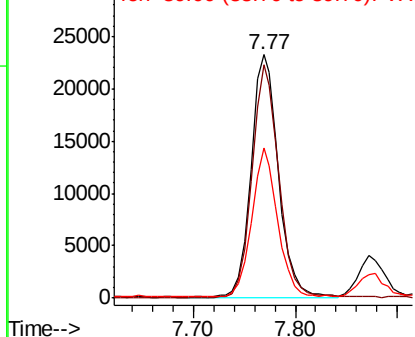


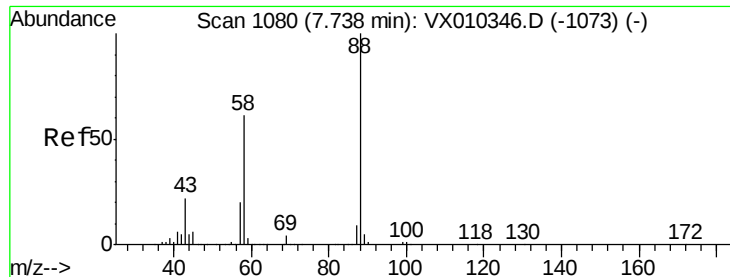
#48
Methyl methacrylate
Concen: 19.593 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 41 Resp: 43319
Ion Ratio Lower Upper
41 100
69 95.4 76.1 114.1
39 57.7 47.6 71.4



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





#49

1,4-Dioxane

Concen: 413.277 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

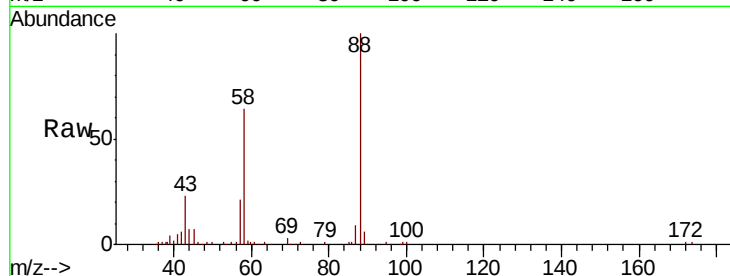
Tot Ion: 88 Resp: 26322

Ion Ratio Lower Upper

88 100

43 25.8 20.2 30.2

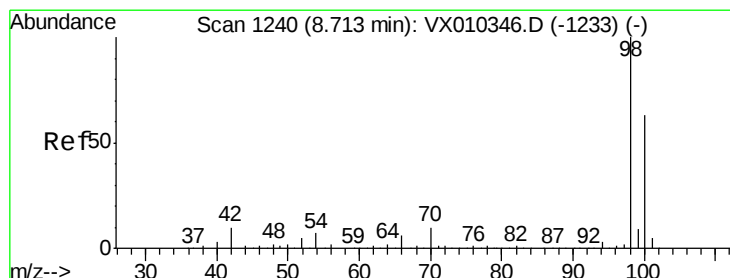
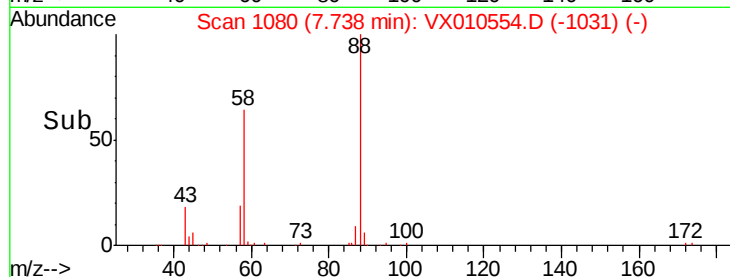
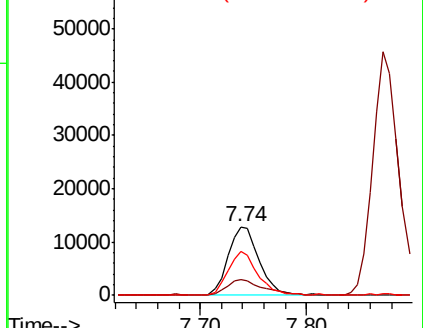
58 64.0 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.294 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010554.D

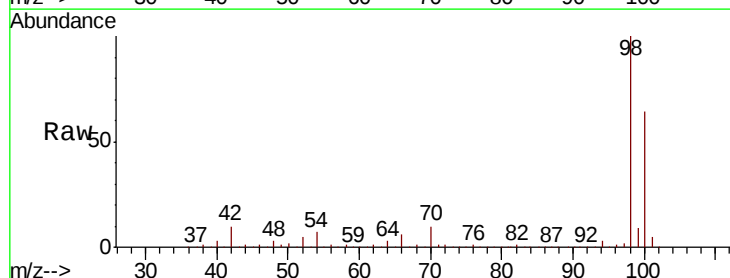
Acq: 28 Jun 2019 23:34

Tgt Ion: 98 Resp: 397545

Ion Ratio Lower Upper

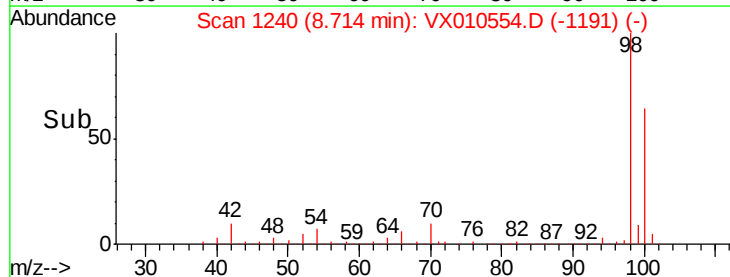
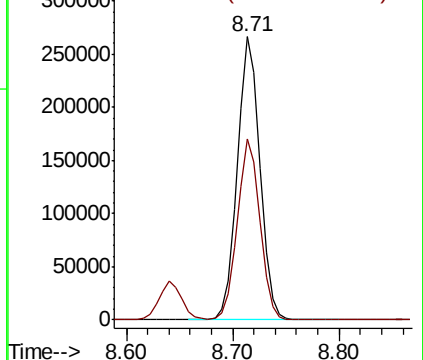
98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 101.332 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

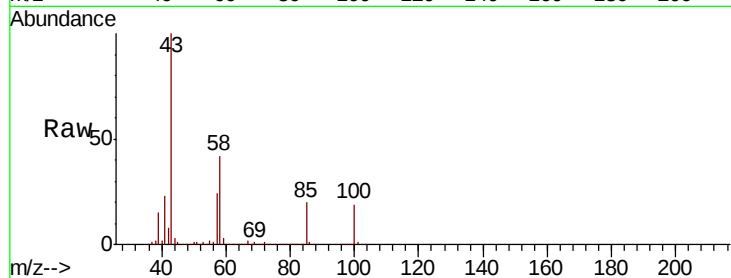
VX0628WBS02

Tot Ion: 43 Resp: 308263

Ion Ratio Lower Upper

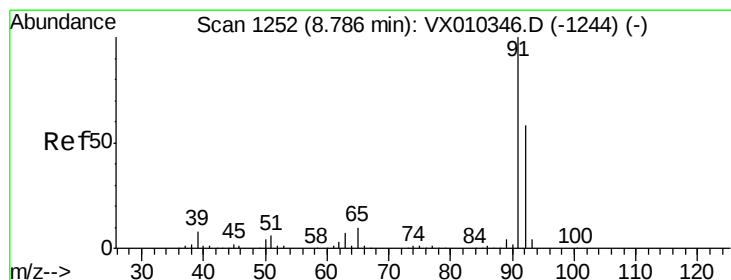
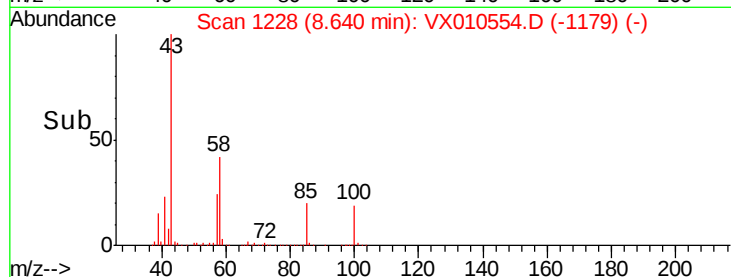
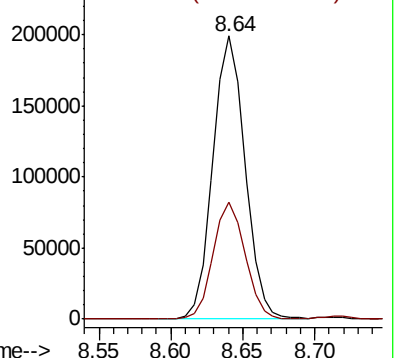
43 100

58 41.0 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.056 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX010554.D

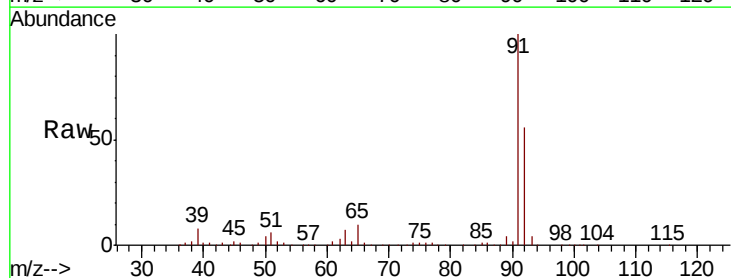
Acq: 28 Jun 2019 23:34

Tgt Ion: 92 Resp: 109259

Ion Ratio Lower Upper

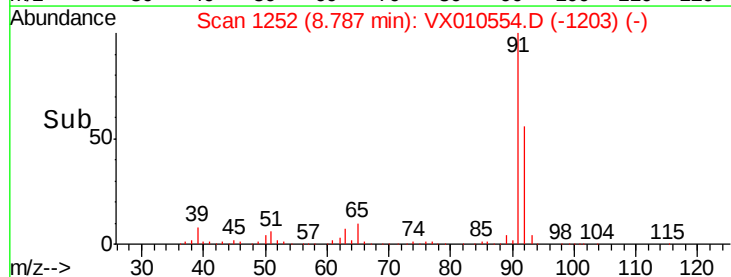
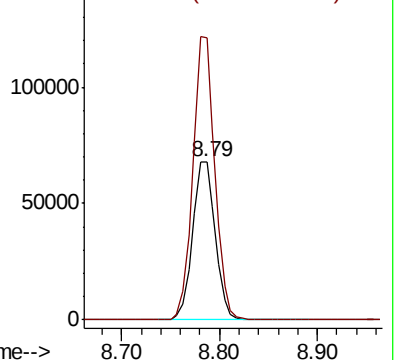
92 100

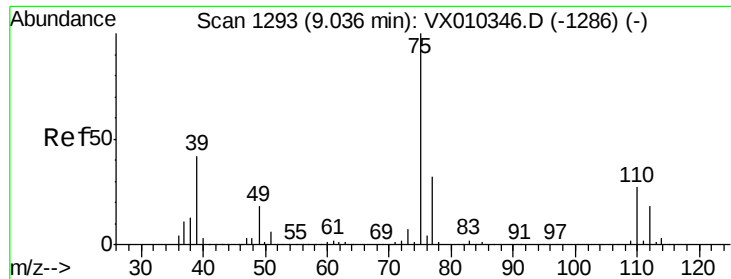
91 172.8 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

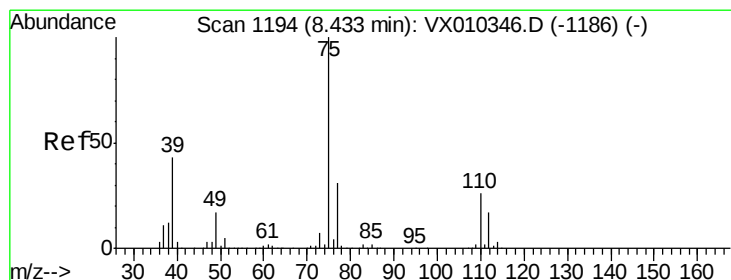
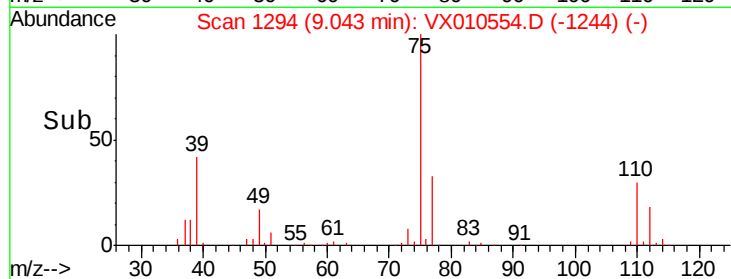
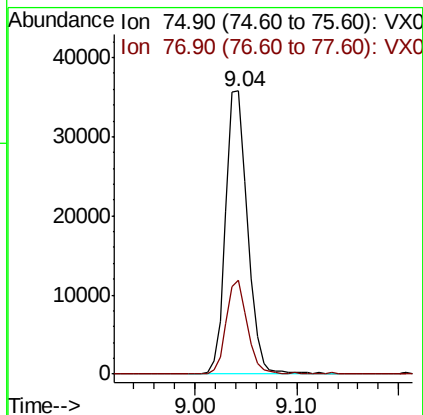
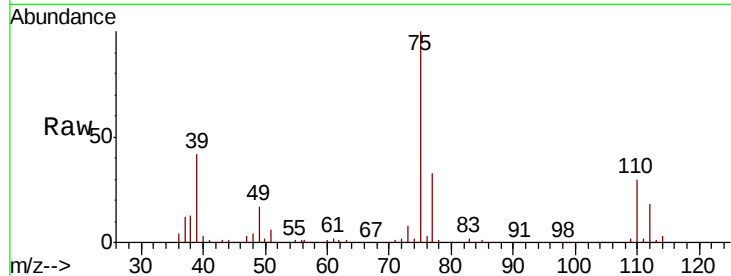




#53
 t-1,3-Dichloropropene
 Concen: 16.447 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

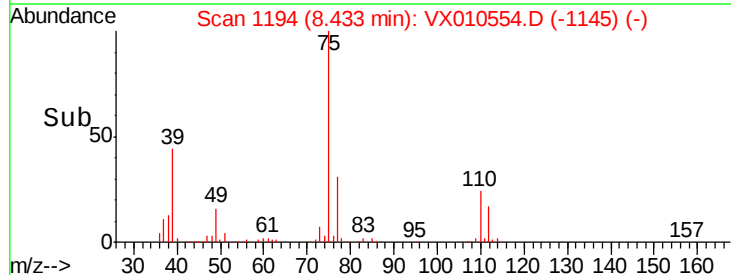
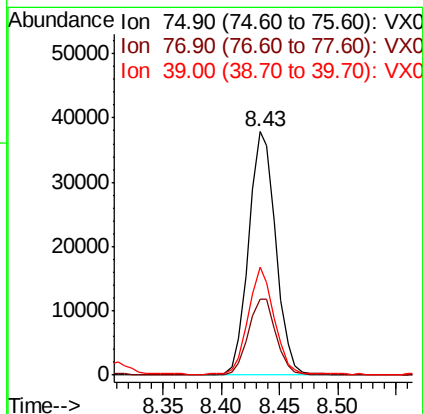
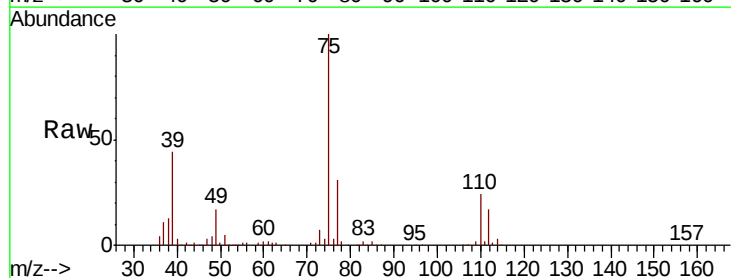
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

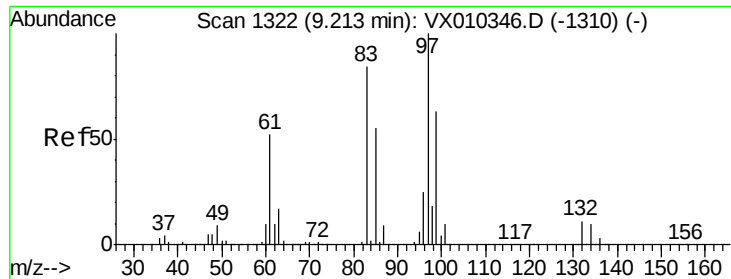
Tot Ion: 75 Resp: 53306
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 17.533 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion: 75 Resp: 61755
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8
 39 44.2 34.5 51.7

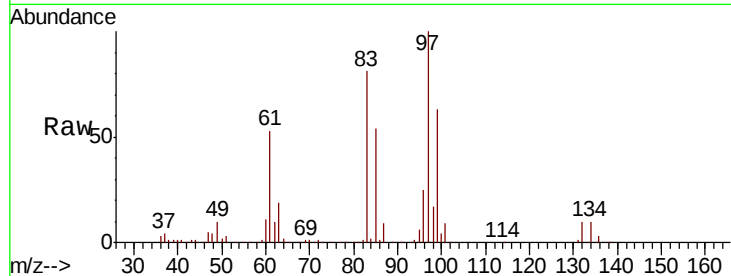




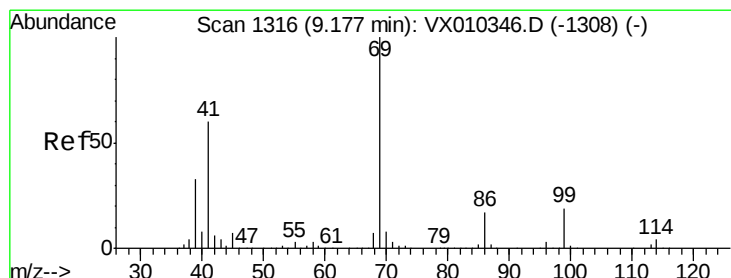
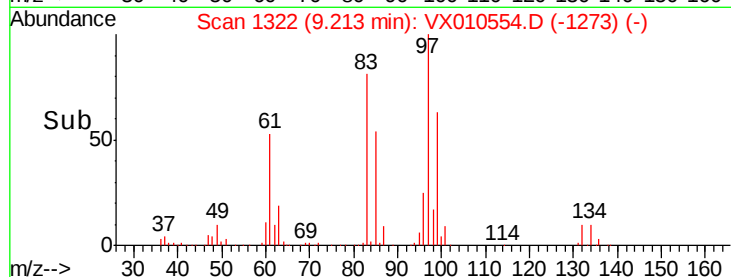
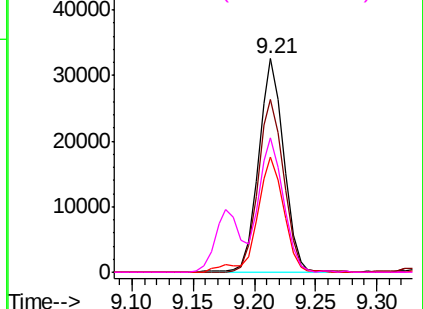
#55
 1,1,2-Trichloroethane
 Concen: 19.919 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion: 97 Resp: 47102
 Ion Ratio Lower Upper
 97 100
 83 80.7 67.4 101.0
 85 54.0 43.8 65.8
 99 62.8 50.3 75.5

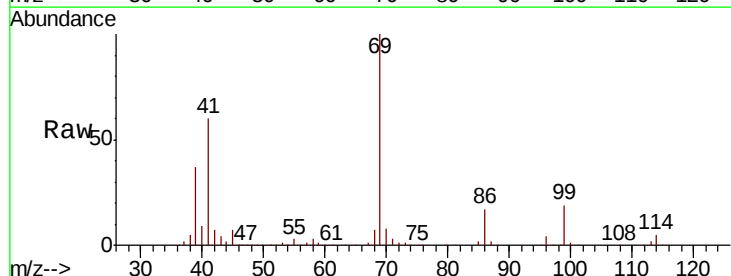


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

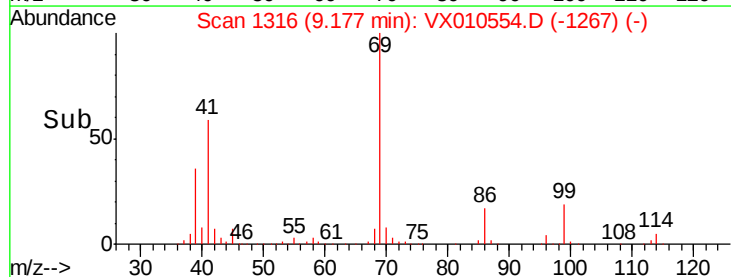
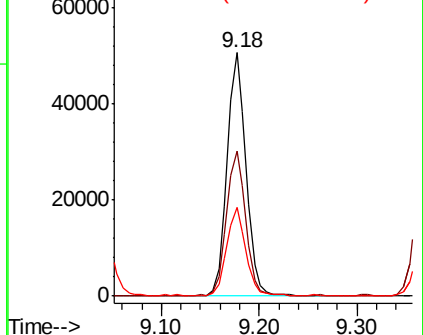


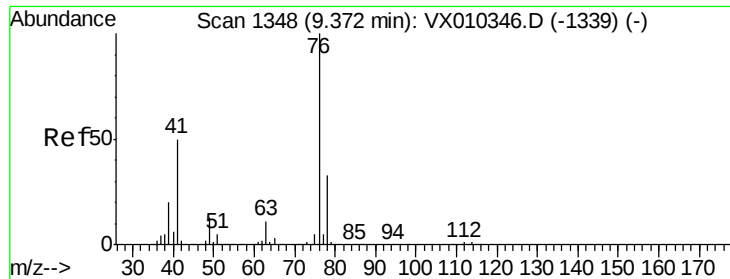
#56
 Ethyl methacrylate
 Concen: 19.053 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion: 69 Resp: 68251
 Ion Ratio Lower Upper
 69 100
 41 60.4 47.1 70.7
 39 36.1 26.6 40.0



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

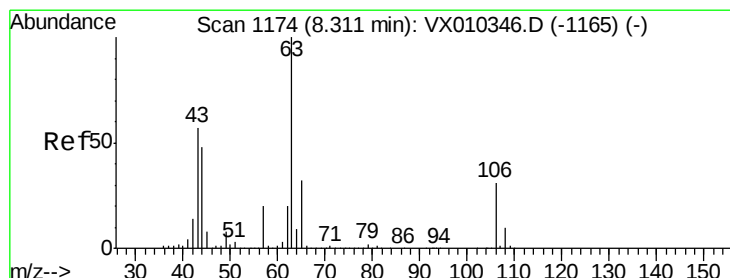
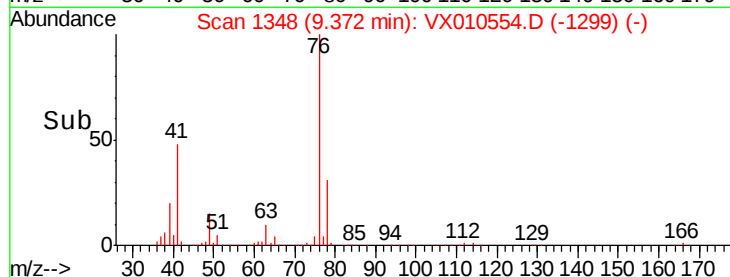
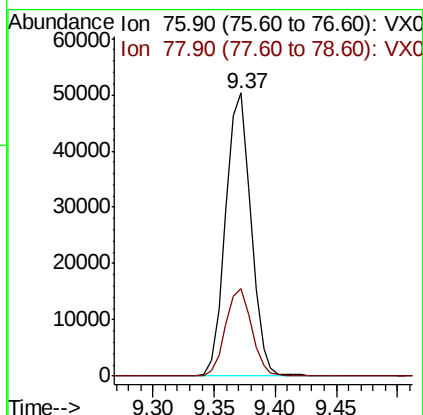
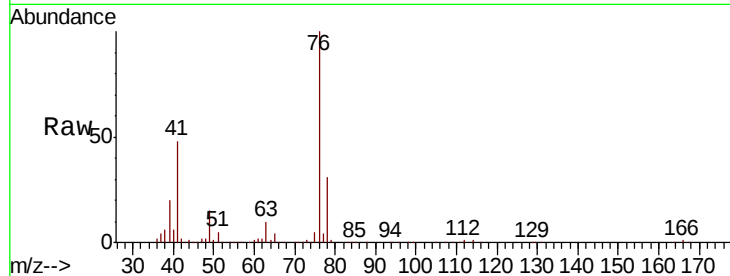




#57
 1,3-Dichloropropane
 Concen: 19.696 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

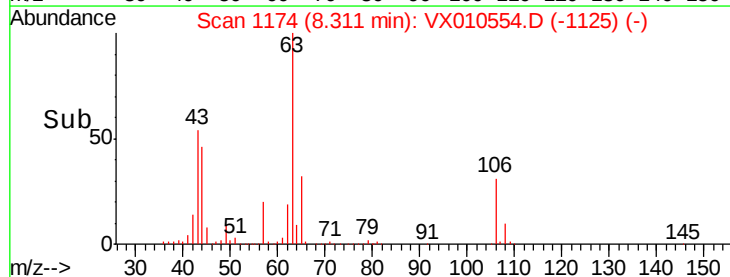
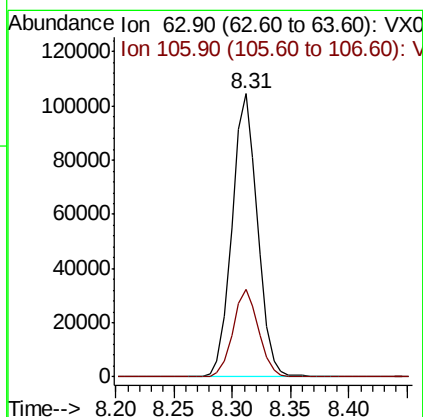
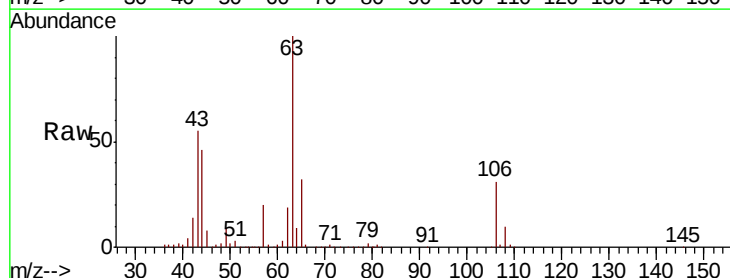
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

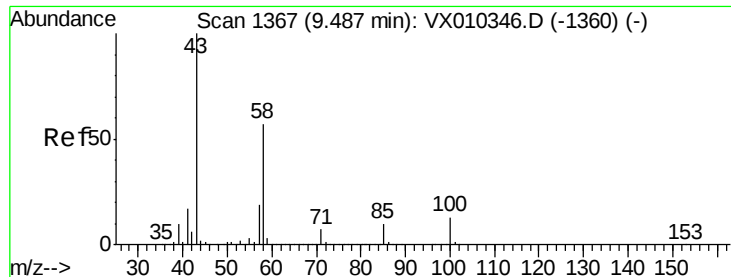
Tot Ion: 76 Resp: 72298
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.752 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion: 63 Resp: 159494
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.7 37.1

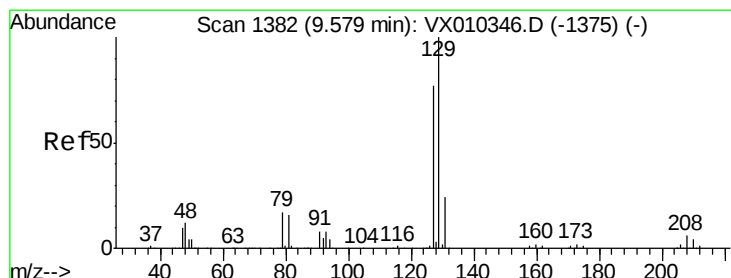
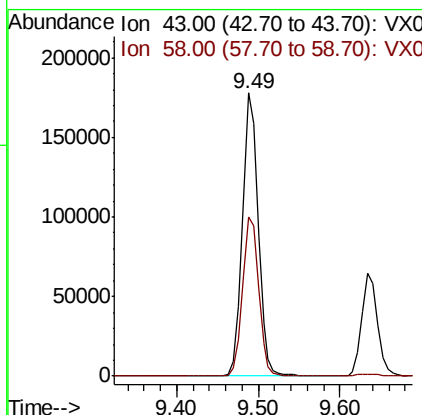
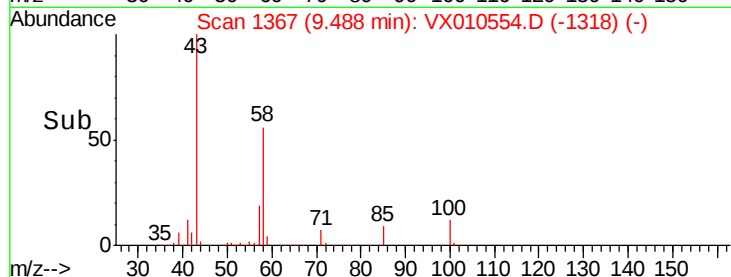
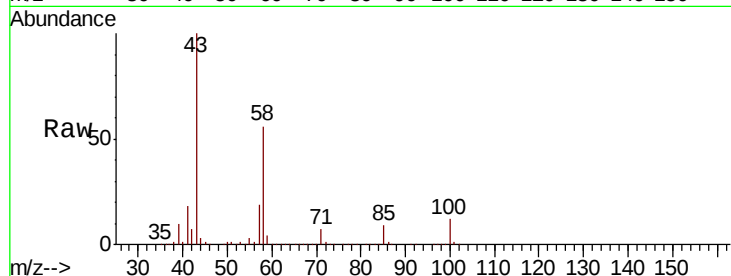




#59
2-Hexanone
Concen: 98.399 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

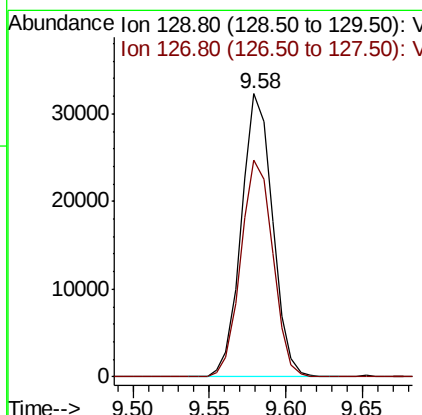
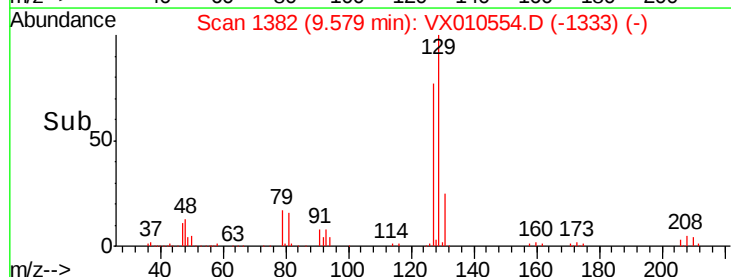
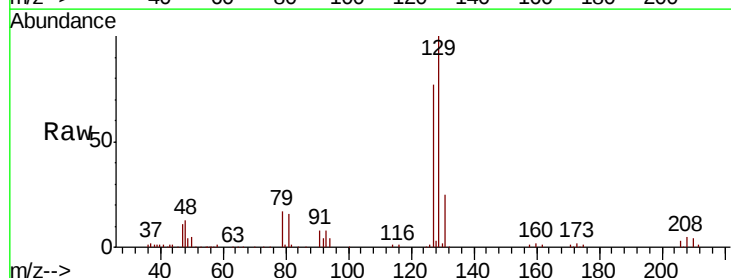
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

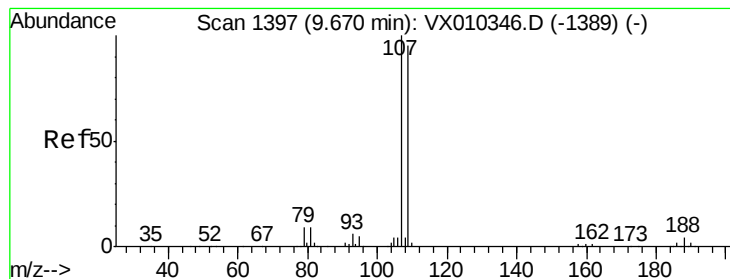
Tot Ion: 43 Resp: 235593
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1



#60
Dibromochloromethane
Concen: 17.322 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 129 Resp: 45861
Ion Ratio Lower Upper
129 100
127 78.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 18.784 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

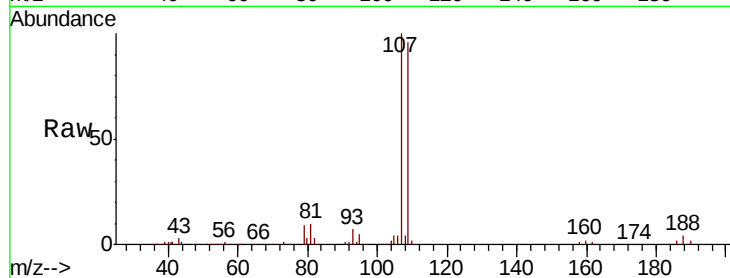
VX0628WBS02

Tot Ion:107 Resp: 47944

Ion Ratio Lower Upper

107 100

109 96.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

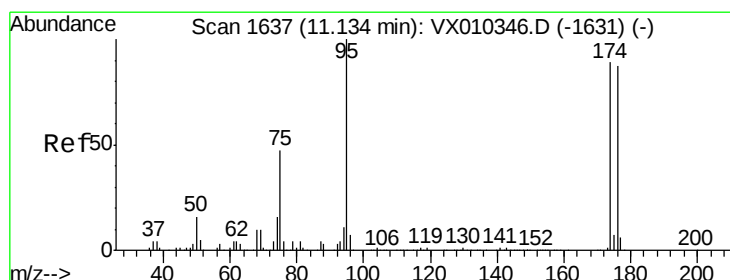
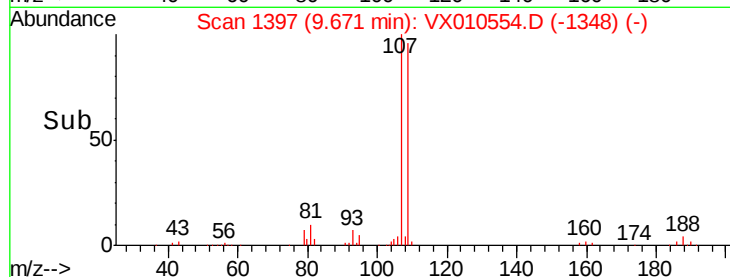
30000

20000

10000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.598 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

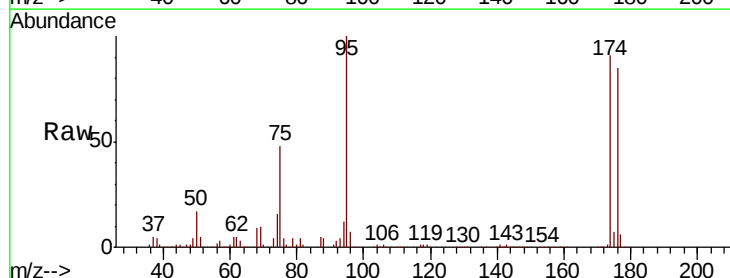
Tgt Ion: 95 Resp: 141458

Ion Ratio Lower Upper

95 100

174 94.9 0.0 187.6

176 91.3 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

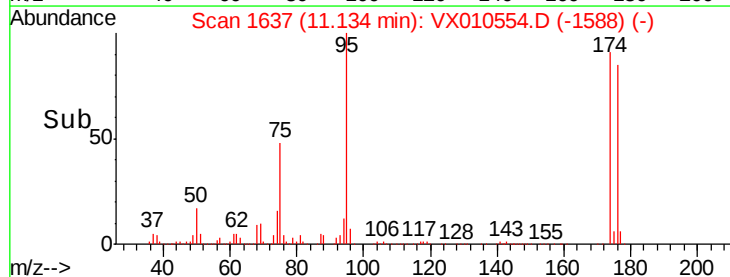
150000

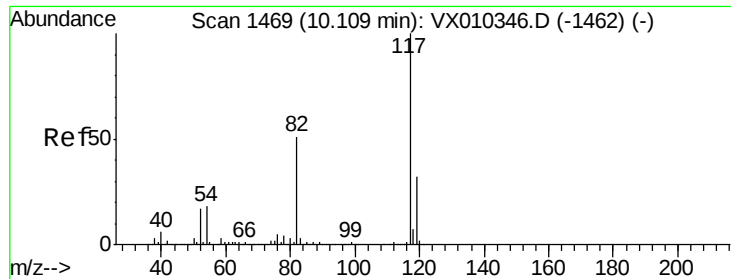
100000

50000

0

Time--> 11.05 11.10 11.15 11.20

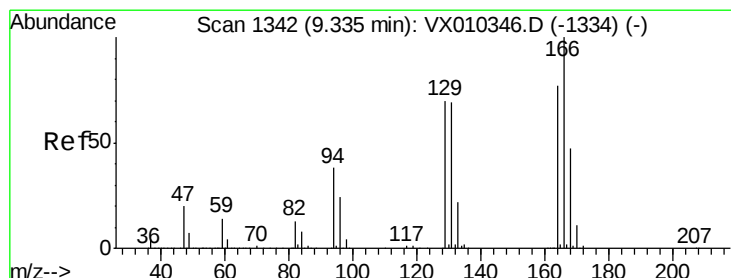
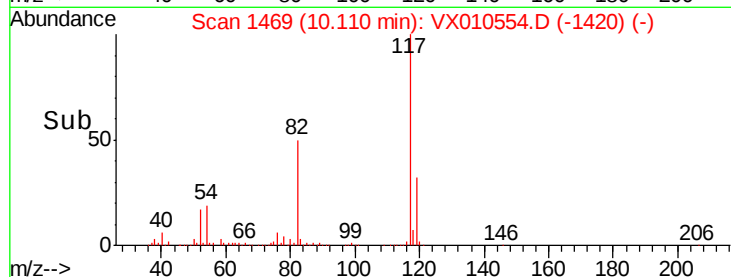
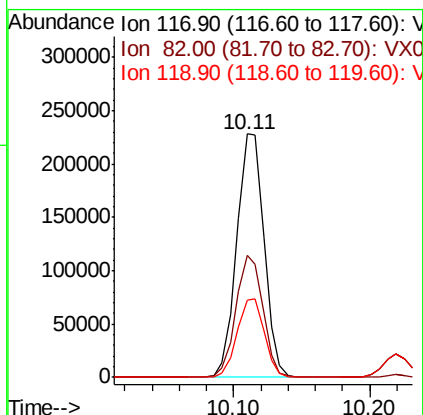
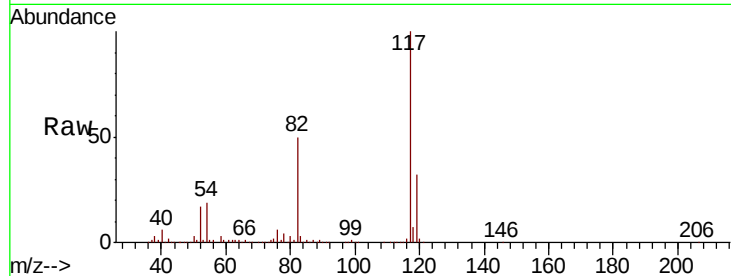




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

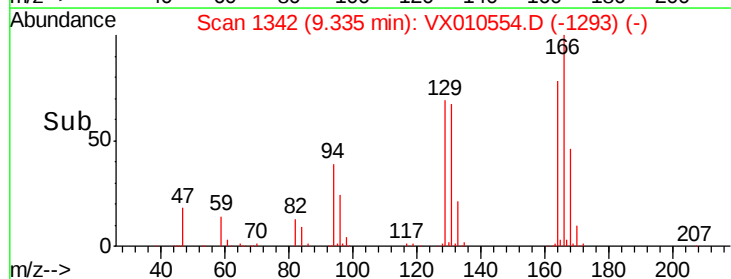
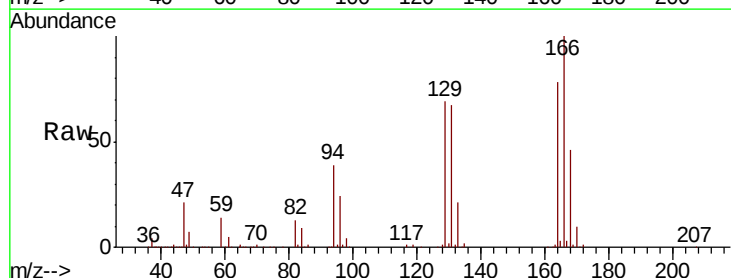
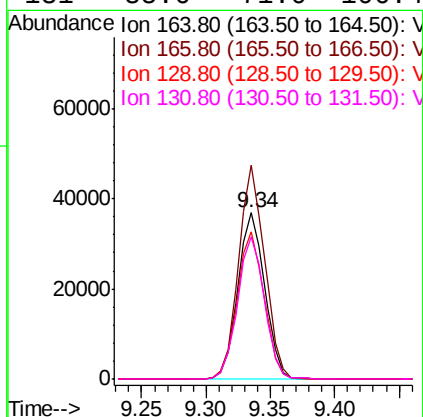
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

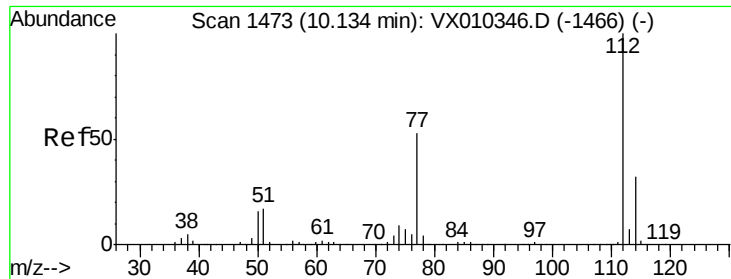
Tot Ion:117 Resp: 320185
Ion Ratio Lower Upper
117 100
82 50.3 41.2 61.8
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 20.570 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion:164 Resp: 53270
Ion Ratio Lower Upper
164 100
166 128.5 103.6 155.4
129 88.8 73.0 109.4
131 85.6 71.0 106.4

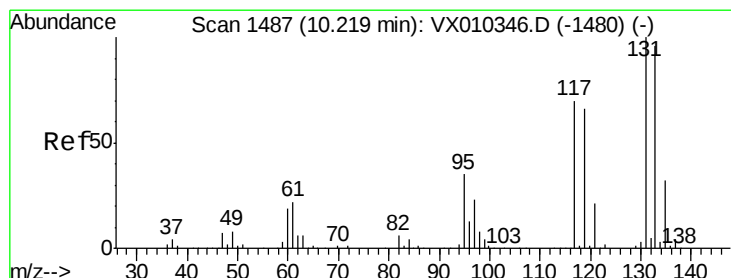
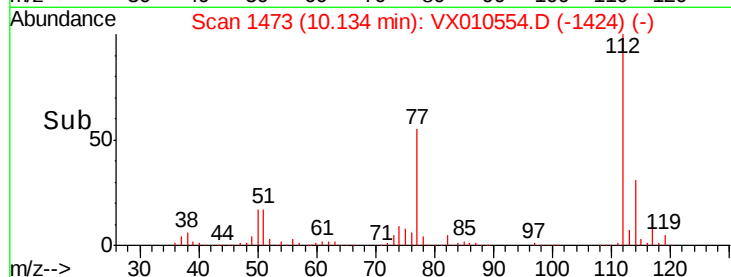
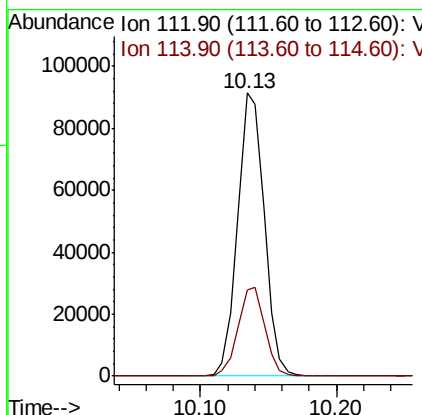
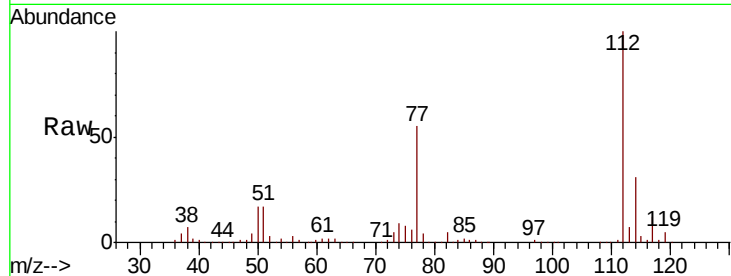




#65
Chlorobenzene
Concen: 19.248 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

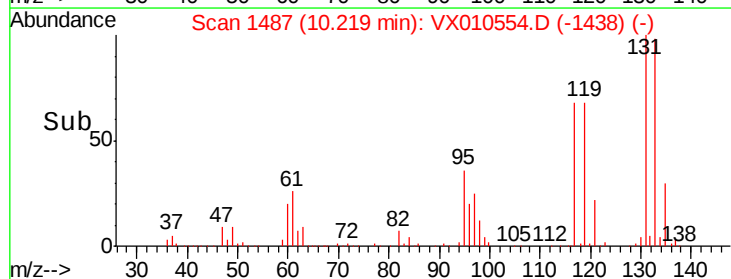
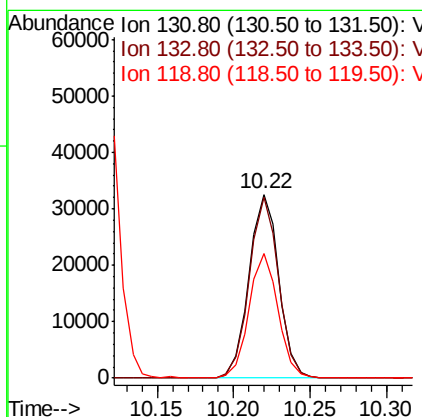
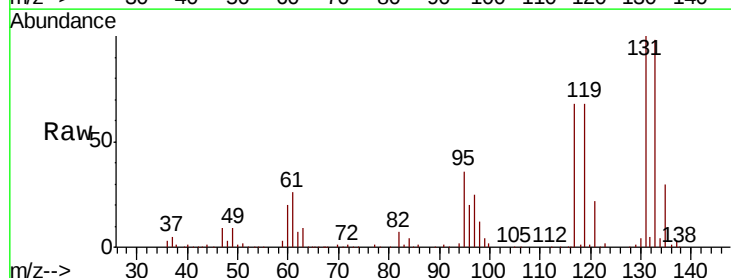
Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

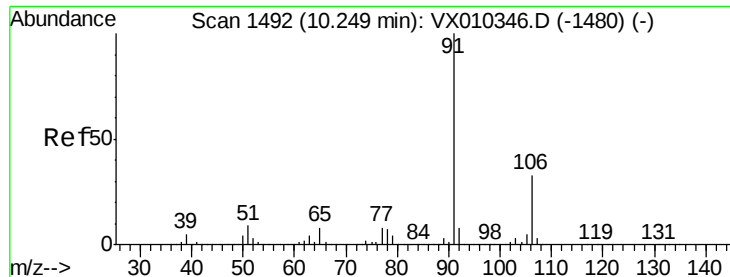
Tot Ion:112 Resp: 125122
Ion Ratio Lower Upper
112 100
114 30.6 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.617 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion:131 Resp: 44081
Ion Ratio Lower Upper
131 100
133 96.9 47.7 143.1
119 66.3 32.6 97.7

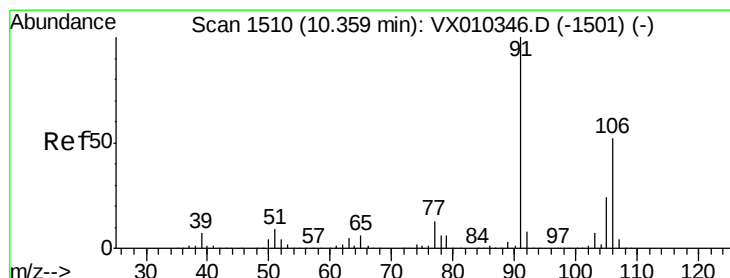
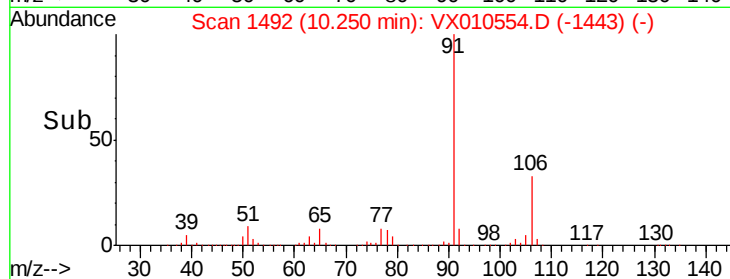
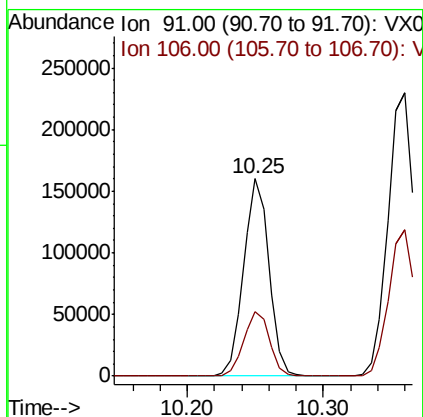
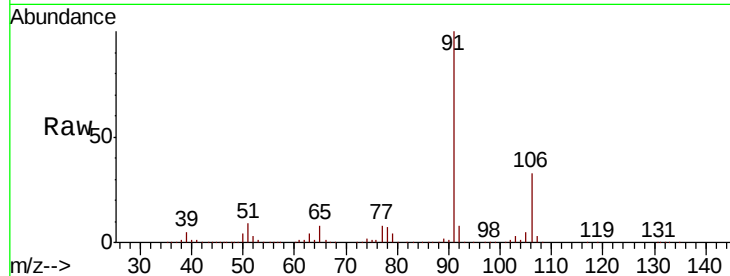




#67
Ethyl Benzene
Concen: 19.007 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

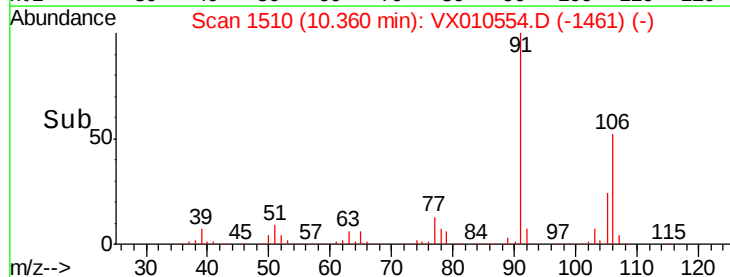
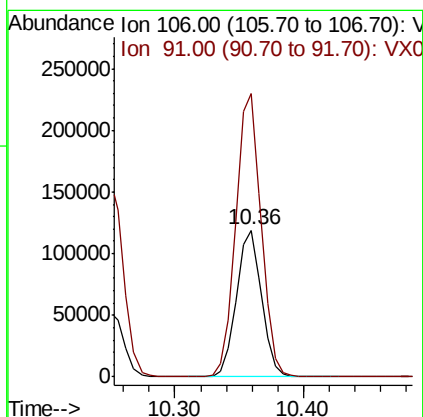
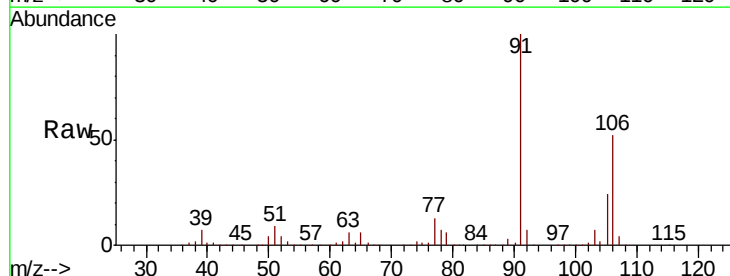
Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

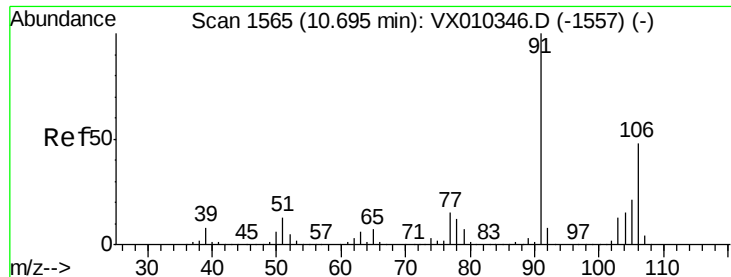
Tot Ion: 91 Resp: 208587
Ion Ratio Lower Upper
91 100
106 32.9 26.2 39.2



#68
m/p-Xylenes
Concen: 37.830 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 106 Resp: 160858
Ion Ratio Lower Upper
106 100
91 195.3 155.3 232.9

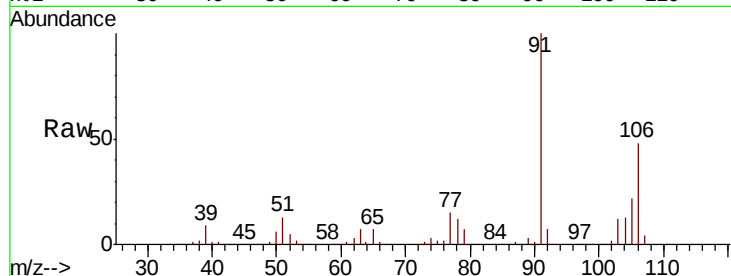




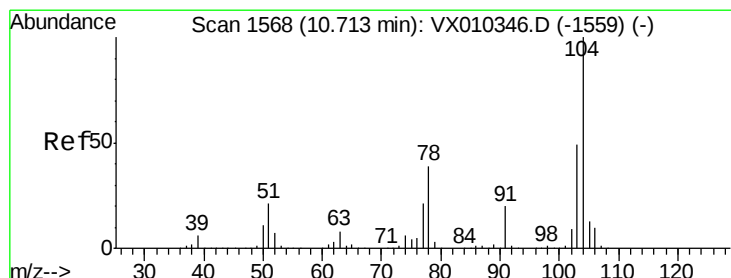
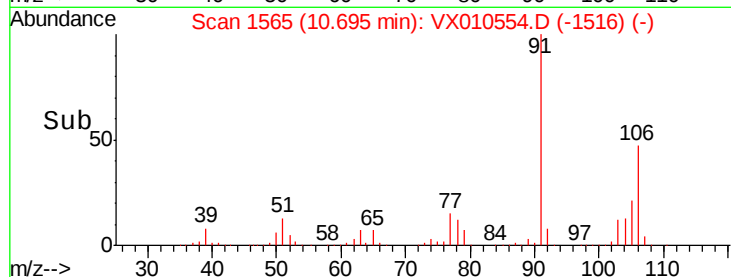
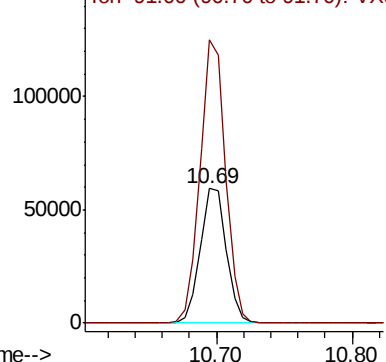
#69
o-Xylene
Concen: 19.048 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

Tot Ion:106 Resp: 79653
Ion Ratio Lower Upper
106 100
91 204.8 102.7 308.1

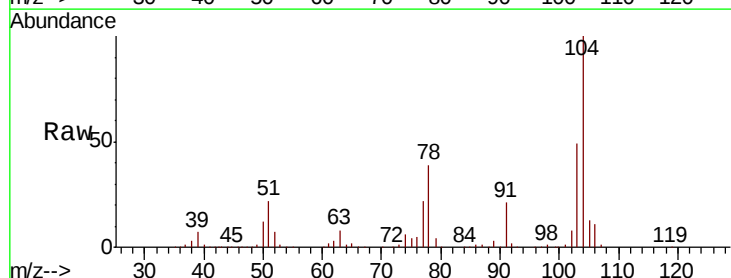


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

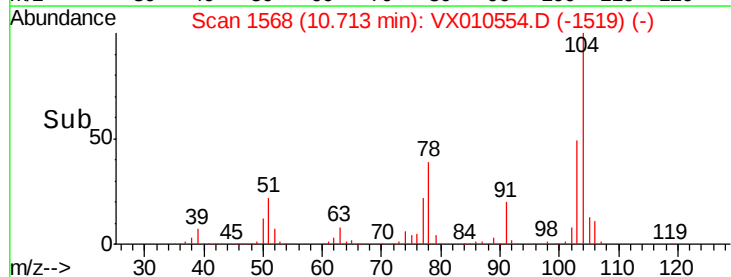
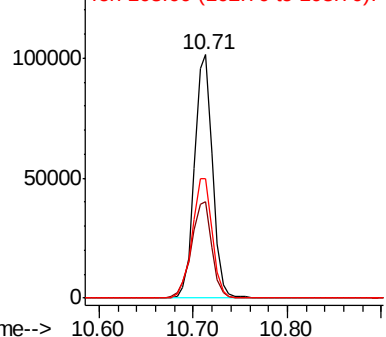


#70
Styrene
Concen: 19.117 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion:104 Resp: 134062
Ion Ratio Lower Upper
104 100
78 44.9 36.2 54.2
103 54.8 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: 16.404 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

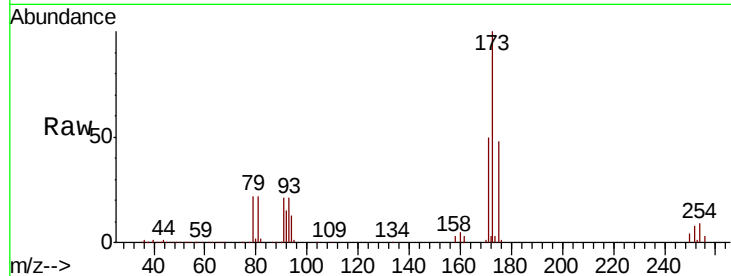
Tot Ion:173 Resp: 33776

Ion Ratio Lower Upper

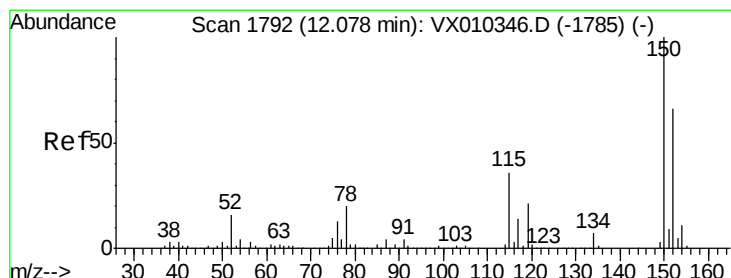
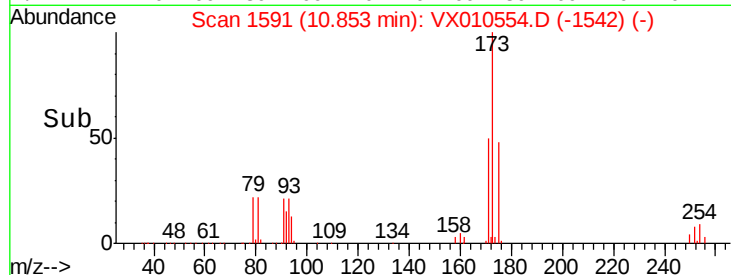
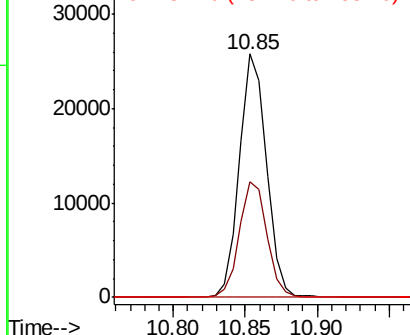
173 100

175 48.4 24.1 72.3

254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

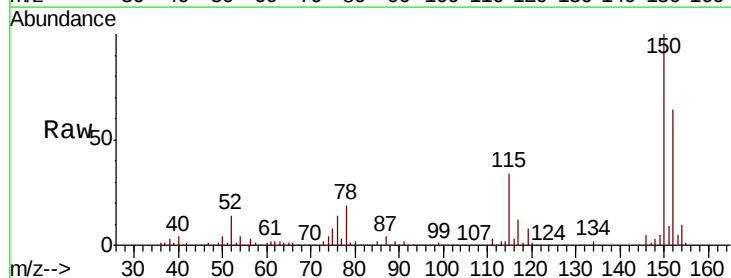
Tgt Ion:152 Resp: 162571

Ion Ratio Lower Upper

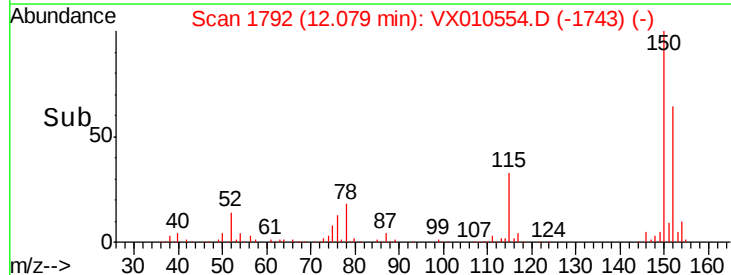
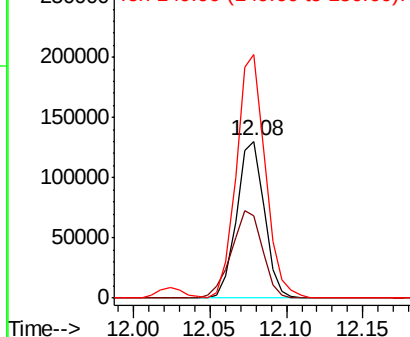
152 100

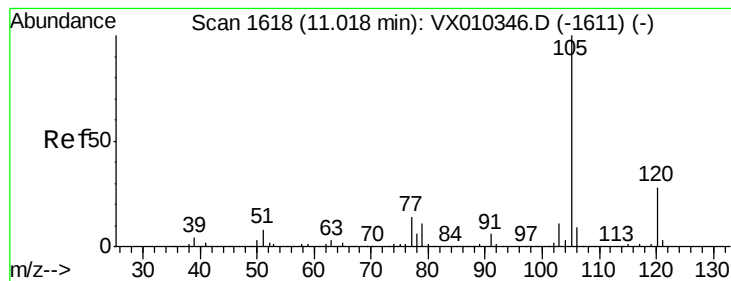
115 63.0 38.6 115.7

150 162.6 0.0 347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.245 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

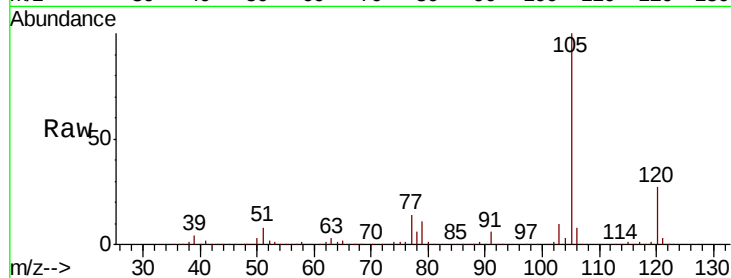
VX0628WBS02

Tot Ion:105 Resp: 212091

Ion Ratio Lower Upper

105 100

120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

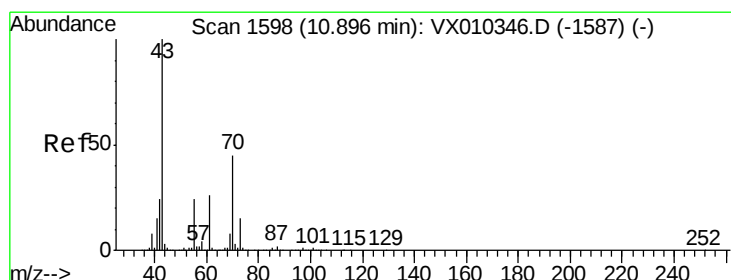
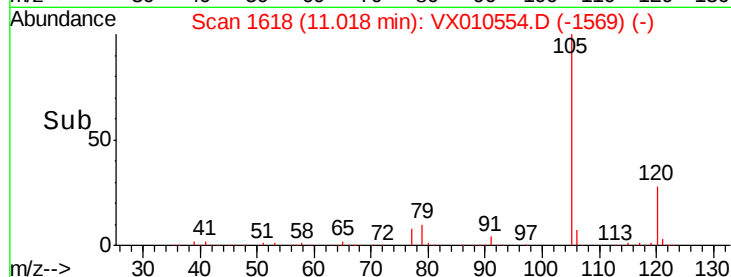
50000

0

11.02

11.00

Time-->



#74

N-ethyl acetate

Concen: 19.668 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Tgt Ion: 43 Resp: 81912

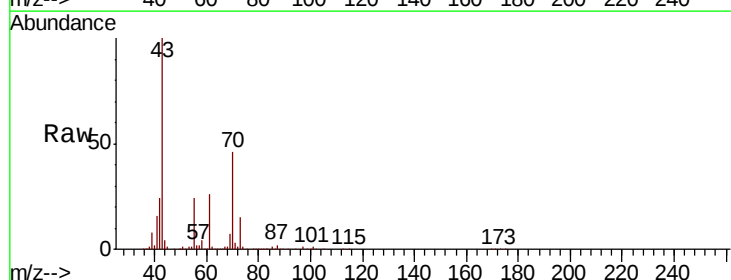
Ion Ratio Lower Upper

43 100

70 44.7 36.6 54.8

55 24.2 18.7 28.1

61 25.4 20.6 31.0



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

100000

80000

60000

40000

20000

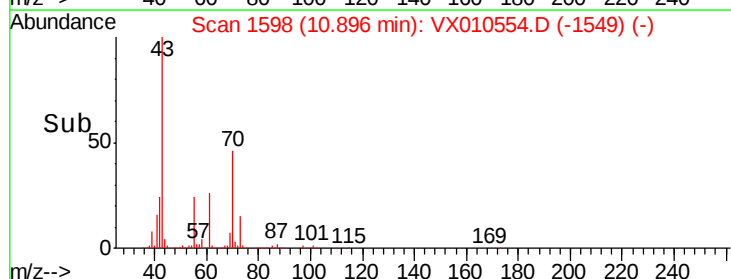
0

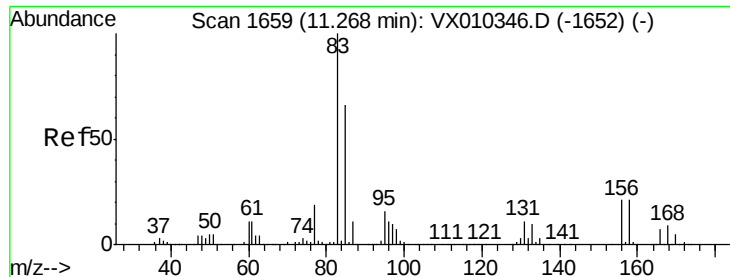
10.90

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.701 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

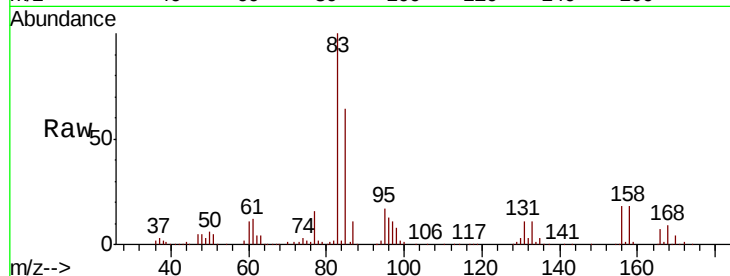
Tot Ion: 83 Resp: 71903

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

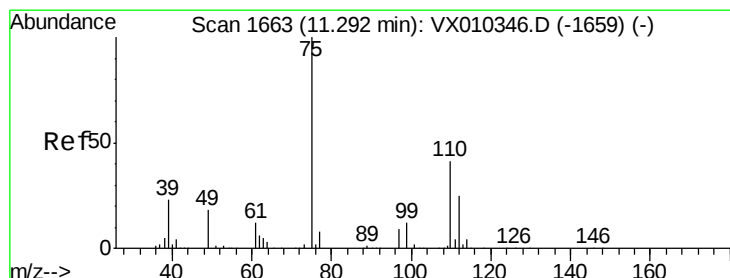
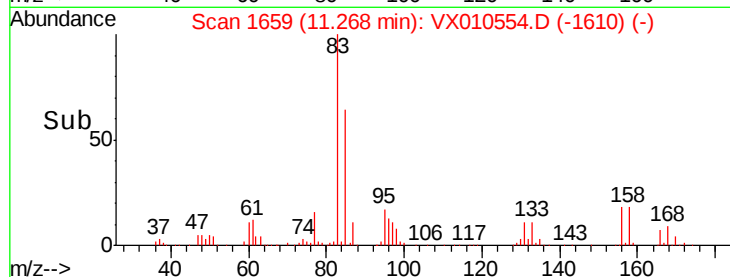
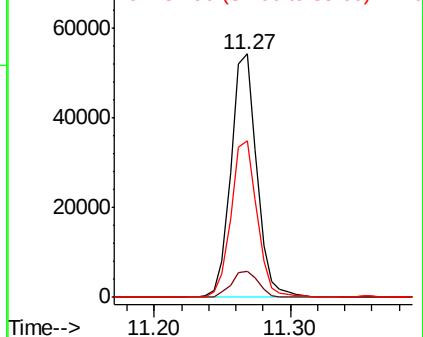
85 64.7 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.207 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010554.D

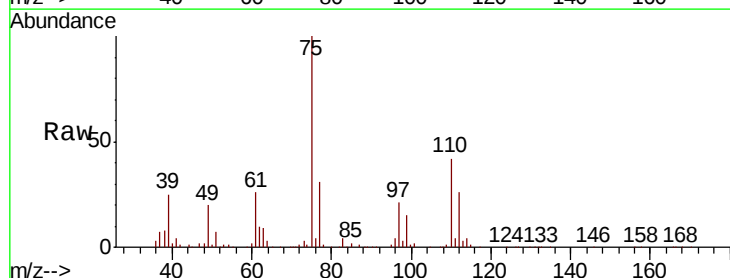
Acq: 28 Jun 2019 23:34

Tgt Ion: 75 Resp: 74674

Ion Ratio Lower Upper

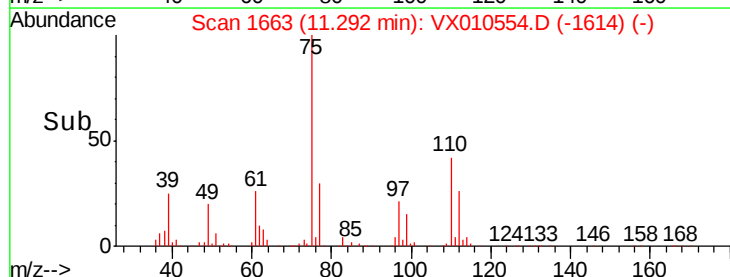
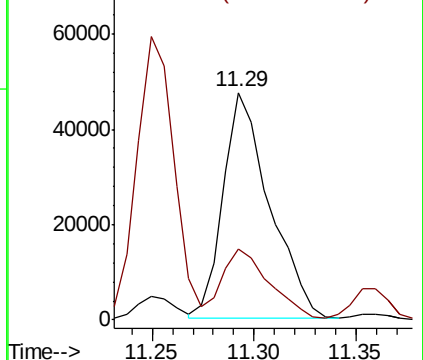
75 100

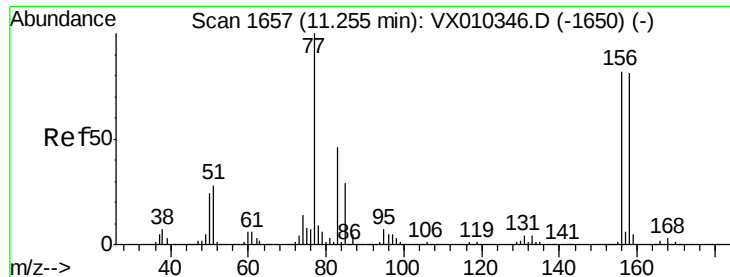
77 32.5 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.022 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

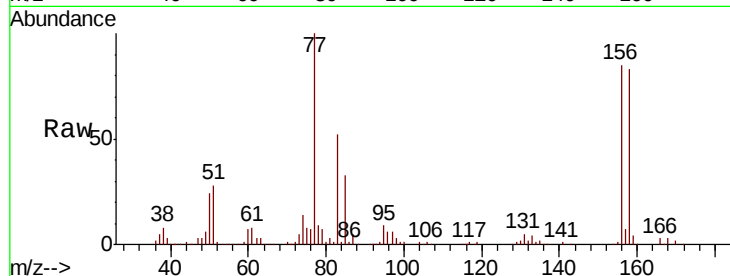
Tot Ion:156 Resp: 58533

Ion Ratio Lower Upper

156 100

77 129.7 66.3 198.7

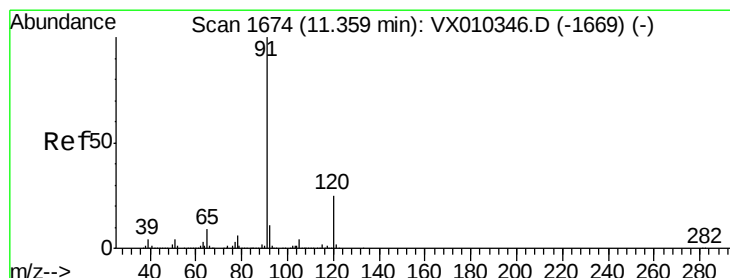
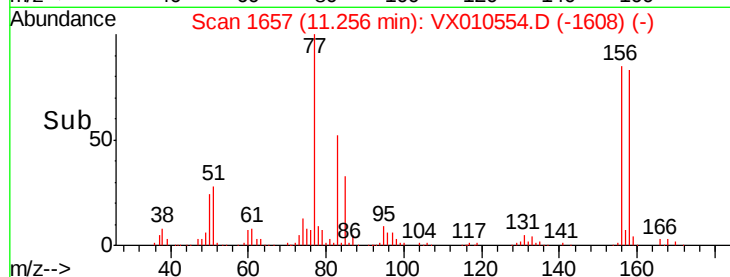
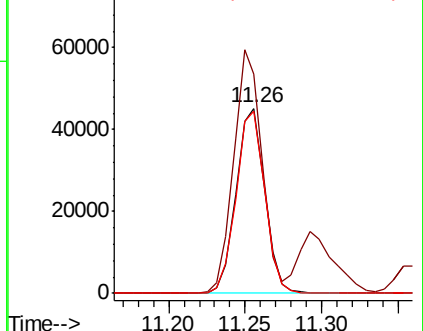
158 98.6 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.720 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010554.D

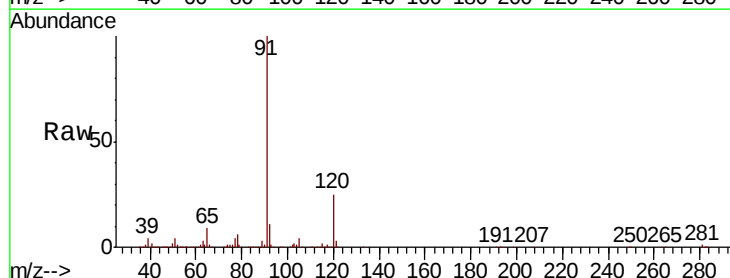
Acq: 28 Jun 2019 23:34

Tgt Ion: 91 Resp: 226735

Ion Ratio Lower Upper

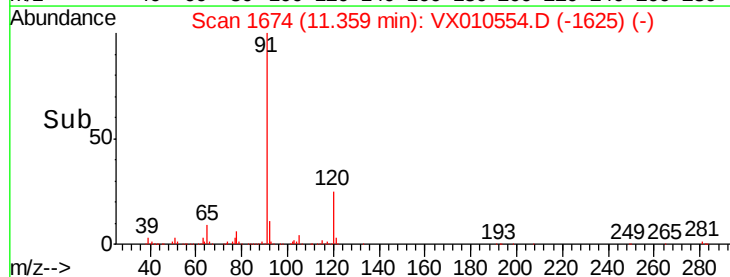
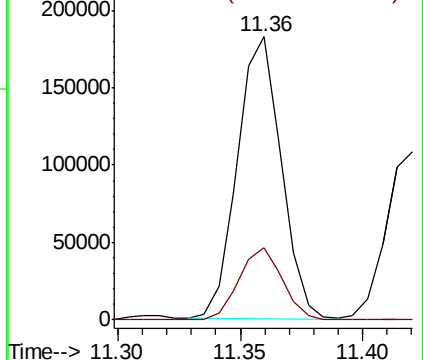
91 100

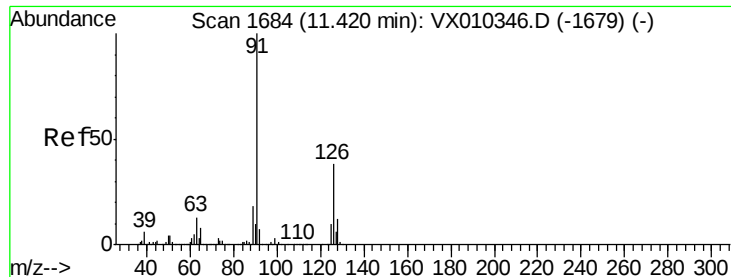
120 25.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.106 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

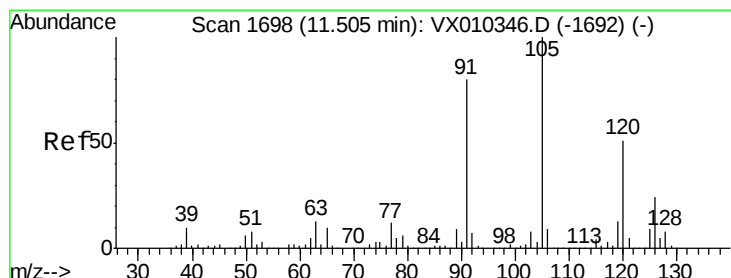
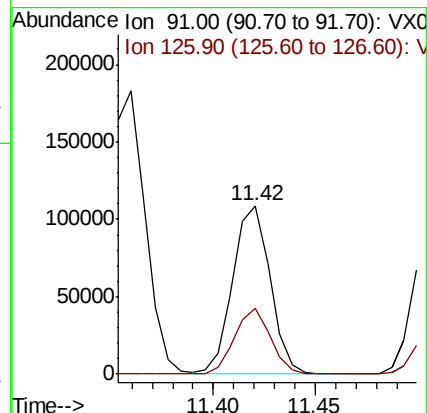
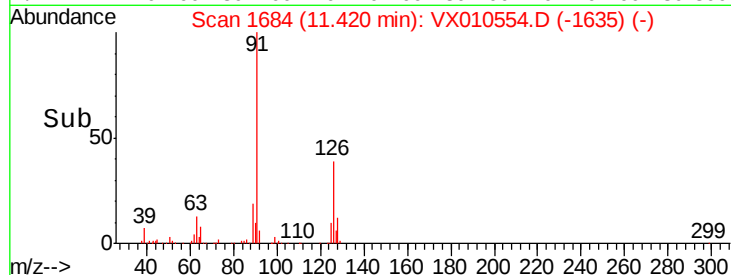
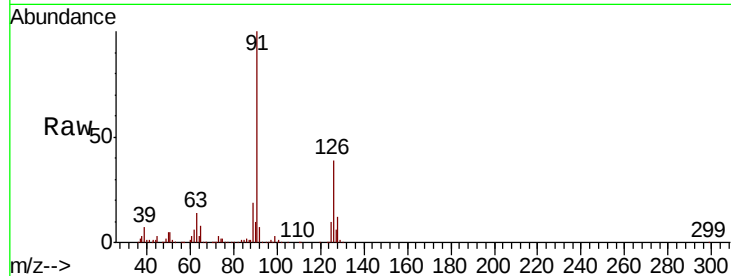
VX0628WBS02

Tot Ion: 91 Resp: 137795

Ion Ratio Lower Upper

91 100

126 37.6 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 19.097 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010554.D

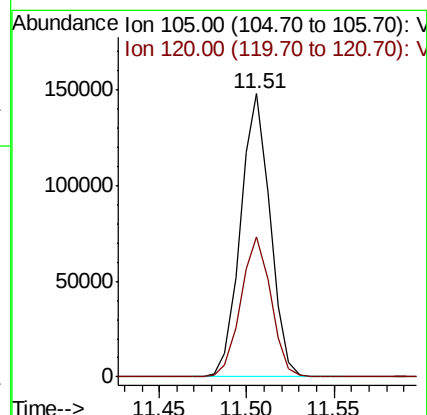
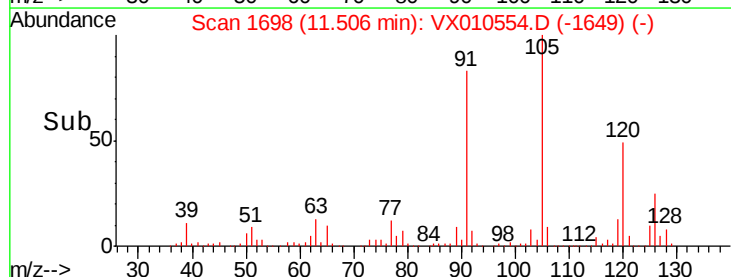
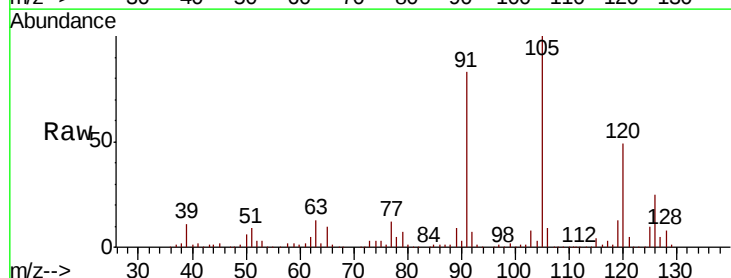
Acq: 28 Jun 2019 23:34

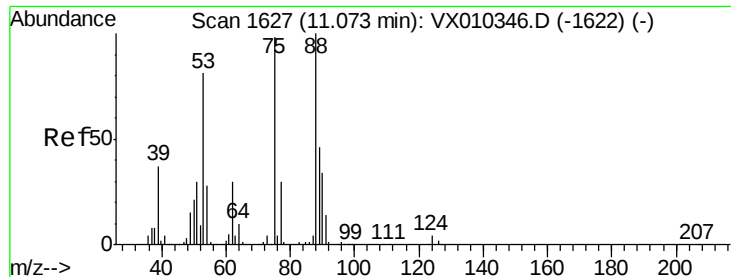
Tgt Ion: 105 Resp: 173492

Ion Ratio Lower Upper

105 100

120 50.6 25.2 75.6

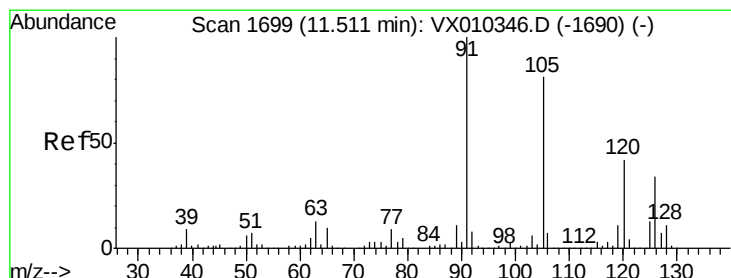
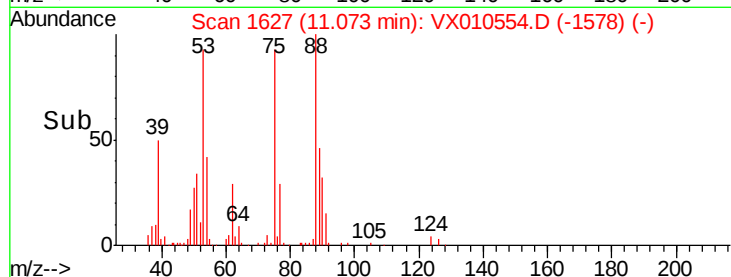
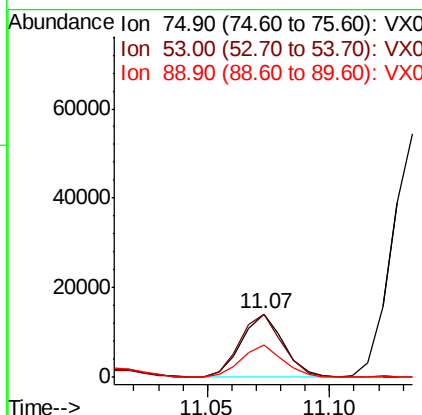
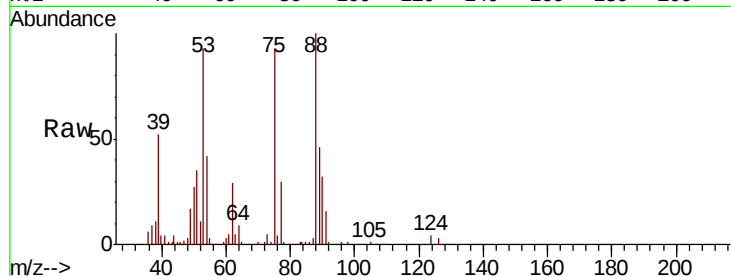




#81
trans-1,4-Dichloro-2-butene
Concen: 13.245 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

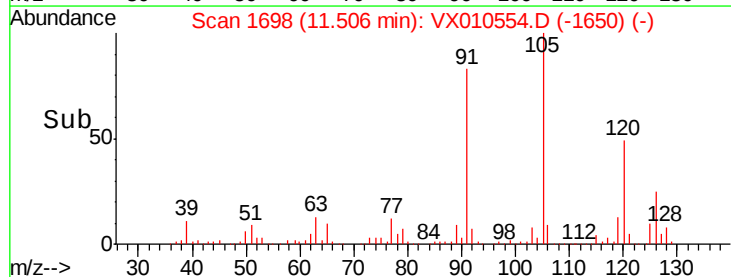
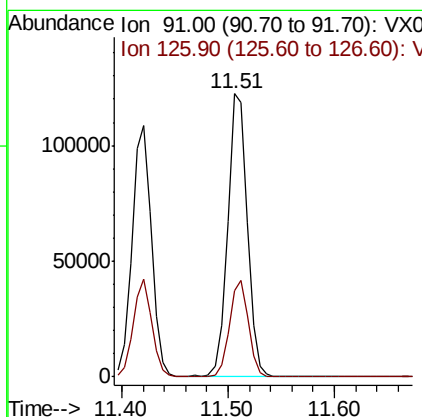
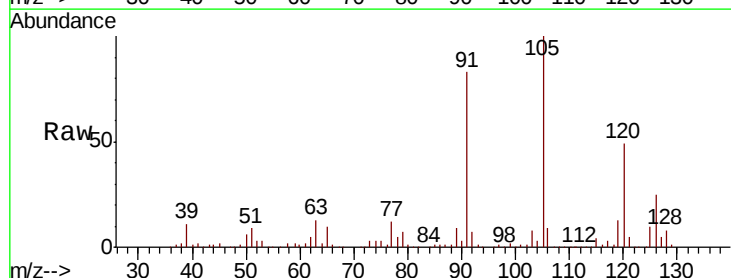
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

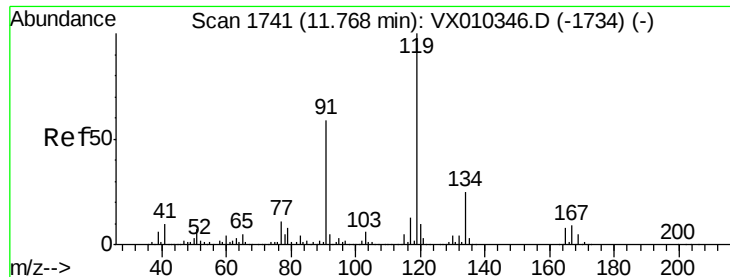
Tot Ion: 75 Resp: 16819
Ion Ratio Lower Upper
75 100
53 101.4 66.1 99.1#
89 52.0 37.8 56.6



#82
4-Chlorotoluene
Concen: 19.268 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 91 Resp: 158128
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6

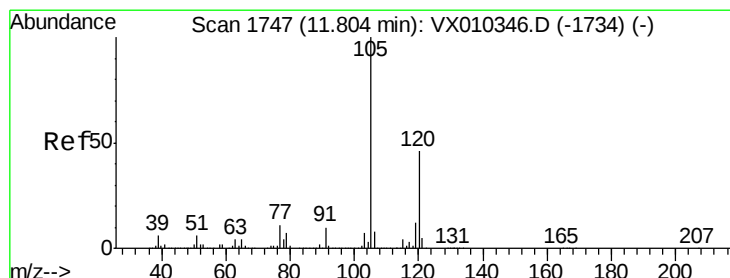
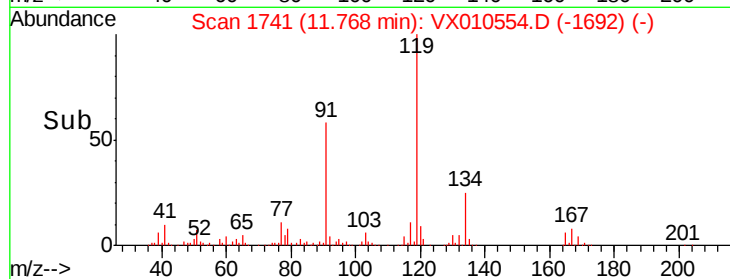
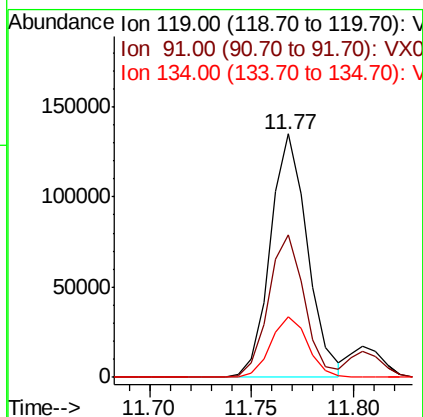
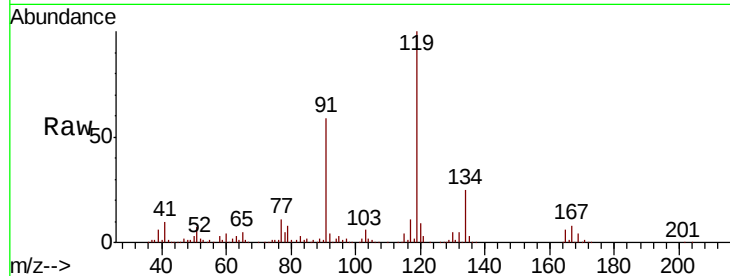




#83
tert-Butylbenzene
Concen: 18.744 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

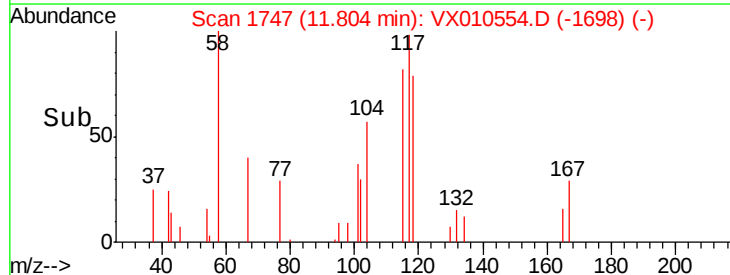
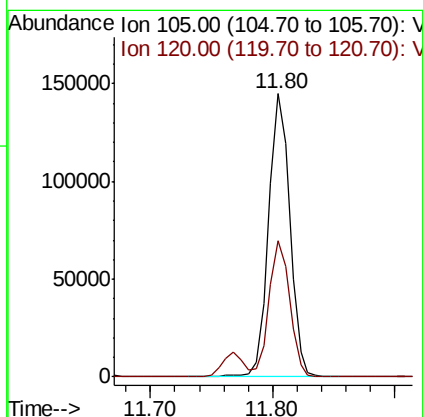
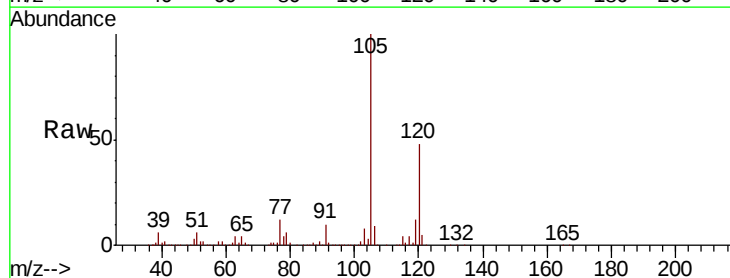
Instrument :
MSVOA_X
ClientSampled :
VX0628WBS02

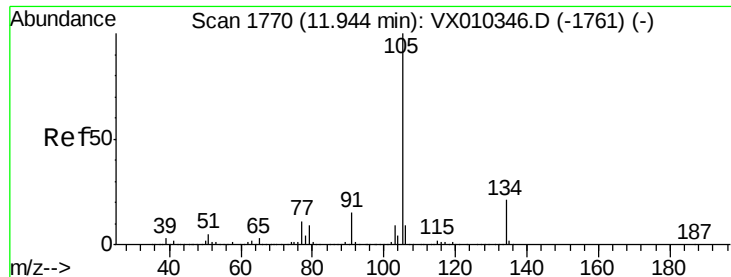
Tot Ion:119 Resp: 170917
Ion Ratio Lower Upper
119 100
91 57.2 27.6 82.7
134 24.8 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 19.203 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion:105 Resp: 175275
Ion Ratio Lower Upper
105 100
120 47.1 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.114 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

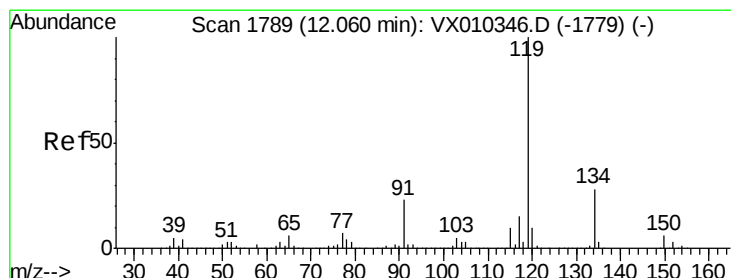
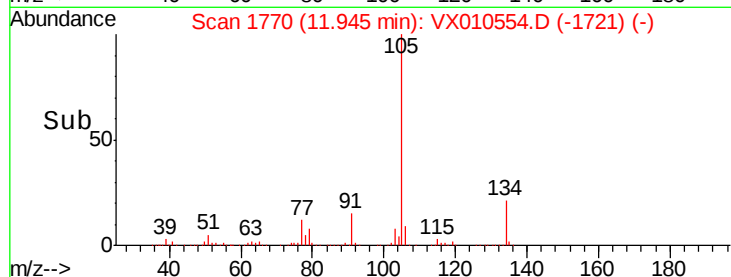
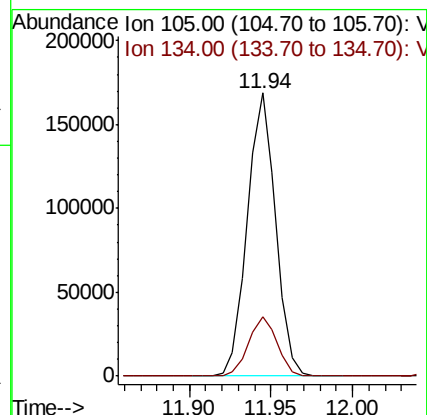
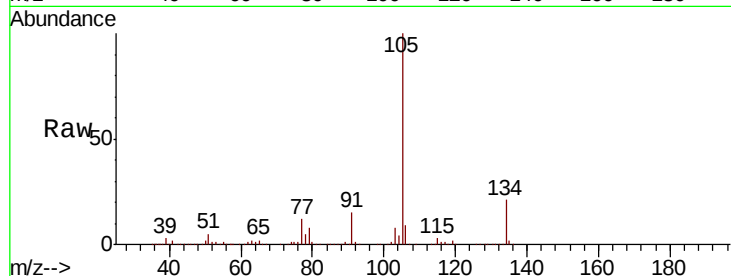
VX0628WBS02

Tot Ion:105 Resp: 204639

Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9



#86

p-Isopropyltoluene

Concen: 18.760 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

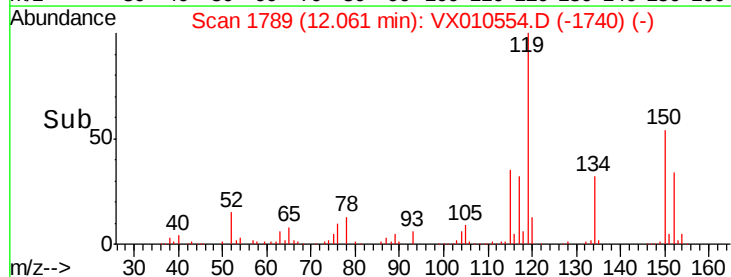
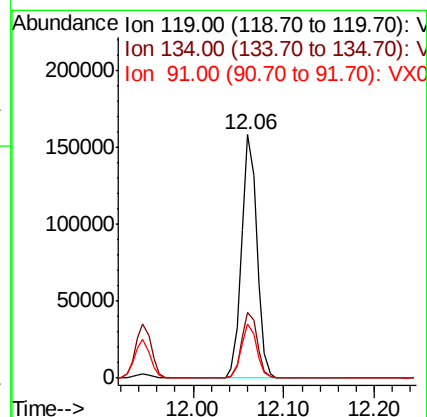
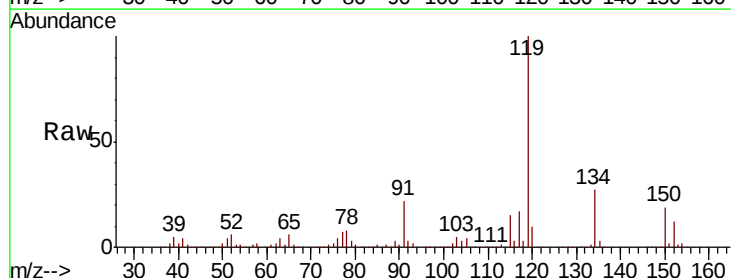
Tgt Ion:119 Resp: 185775

Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.1

91 22.6 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.589 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS02

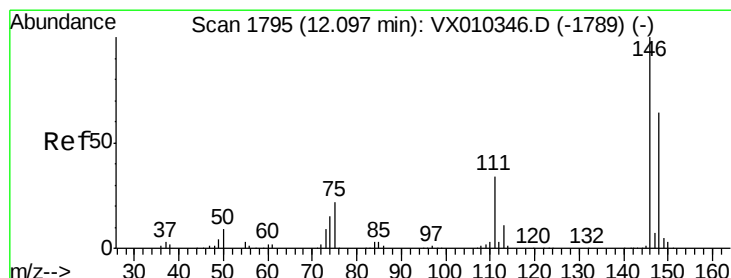
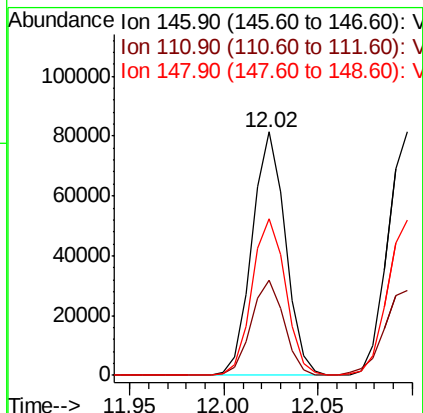
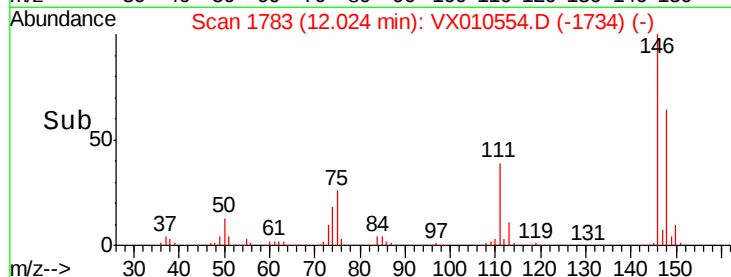
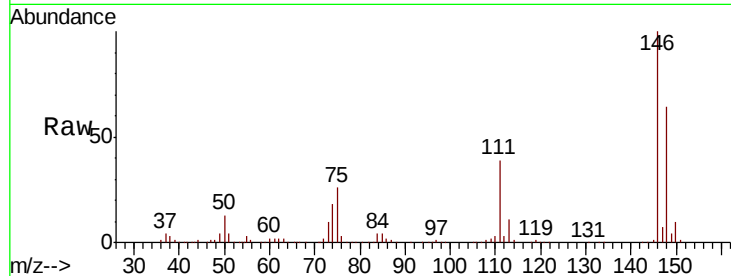
Tot Ion:146 Resp: 99851

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.1

148 65.0 32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 18.466 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

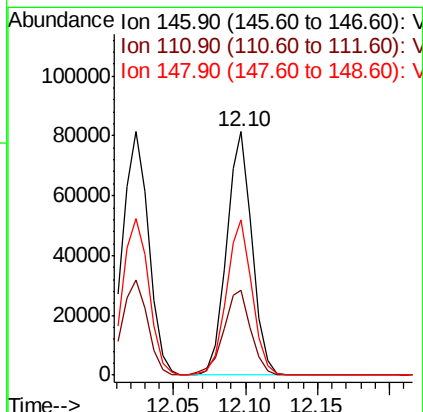
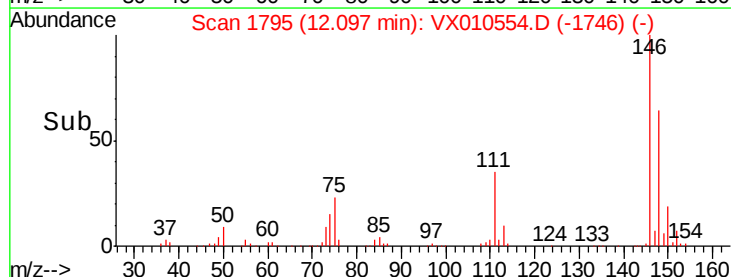
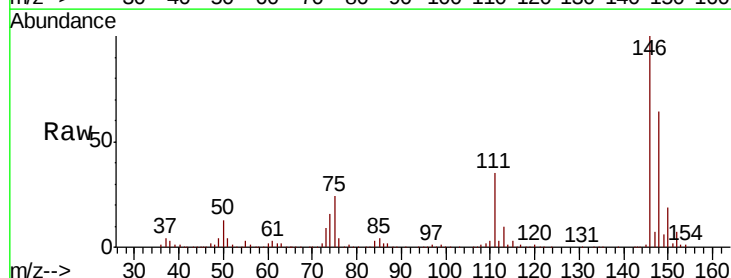
Tgt Ion:146 Resp: 100978

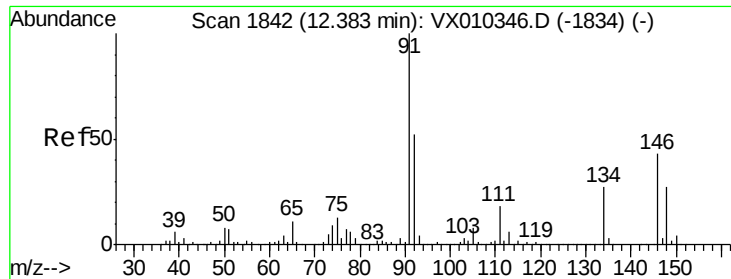
Ion Ratio Lower Upper

146 100

111 37.5 18.1 54.3

148 64.6 32.1 96.3

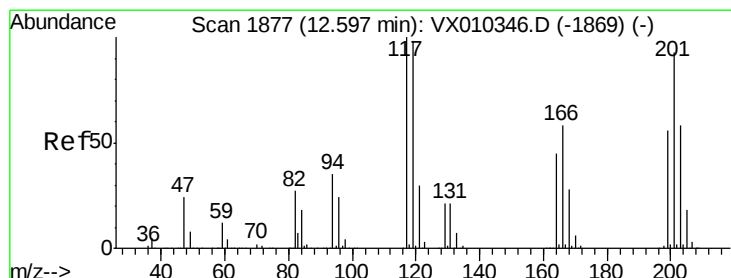
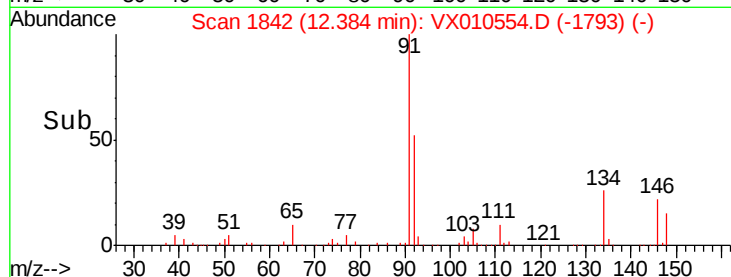
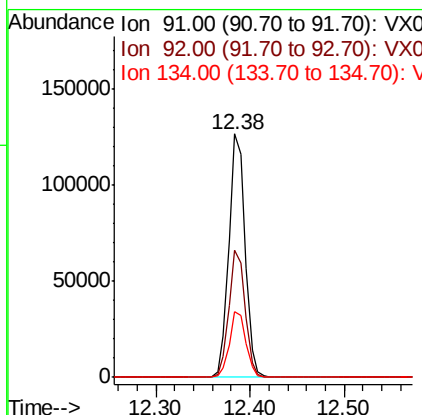
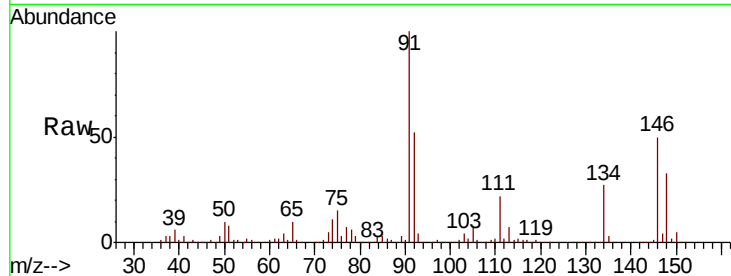




#89
n-Butylbenzene
Concen: 18.080 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

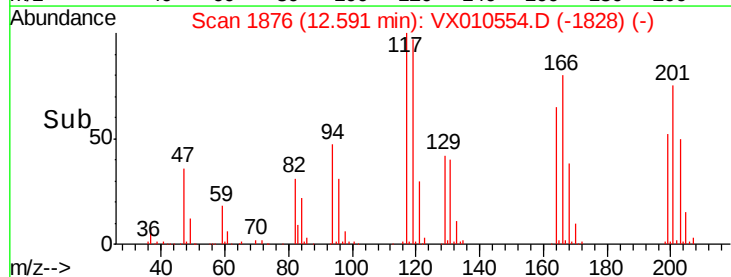
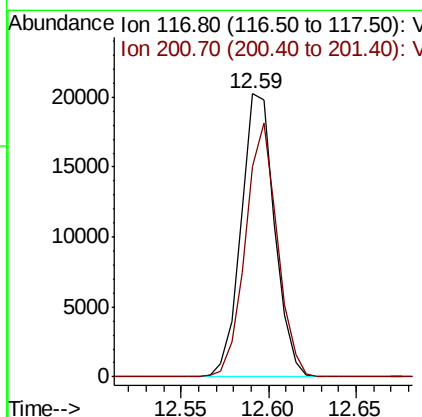
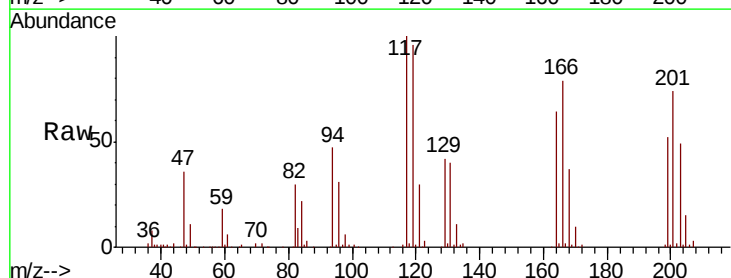
Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion: 91 Resp: 152148
Ion Ratio Lower Upper
91 100
92 52.1 26.2 78.5
134 27.4 14.1 42.4



#90
Hexachloroethane
Concen: 15.743 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX010554.D
Acq: 28 Jun 2019 23:34

Tgt Ion: 117 Resp: 26957
Ion Ratio Lower Upper
117 100
201 84.9 44.0 131.8

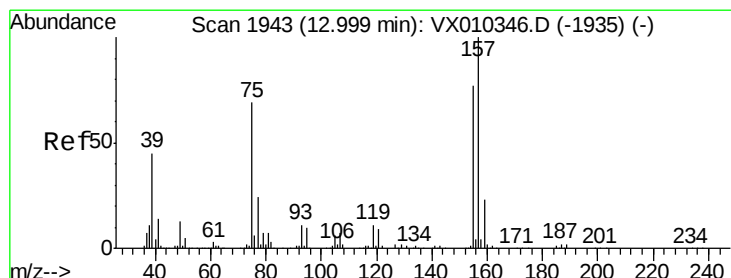
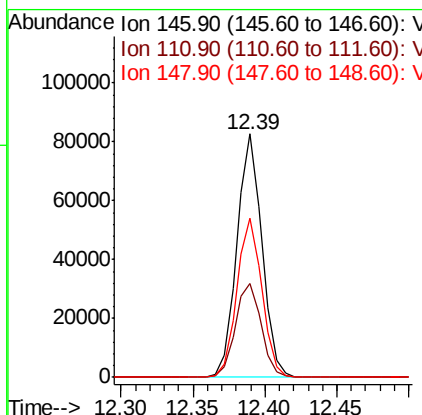
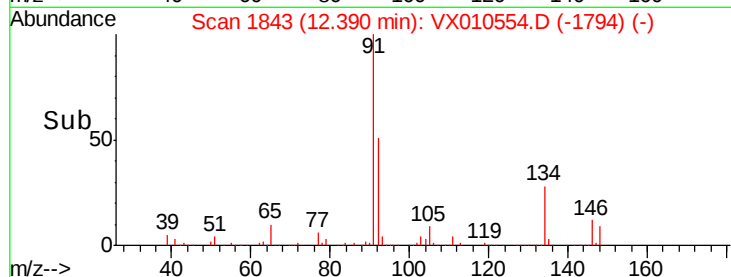
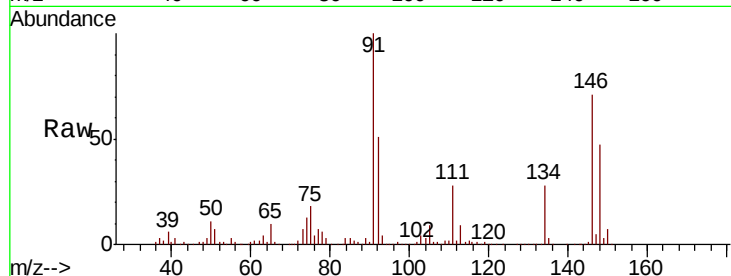




#91
 1,2-Dichlorobenzene
 Concen: 18.778 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

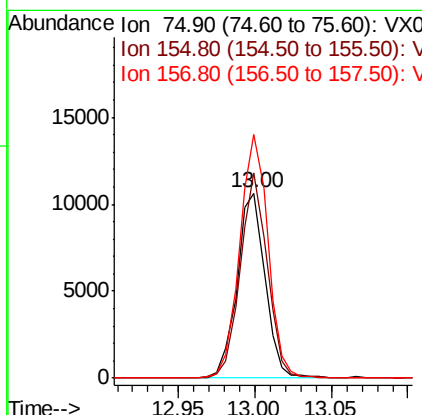
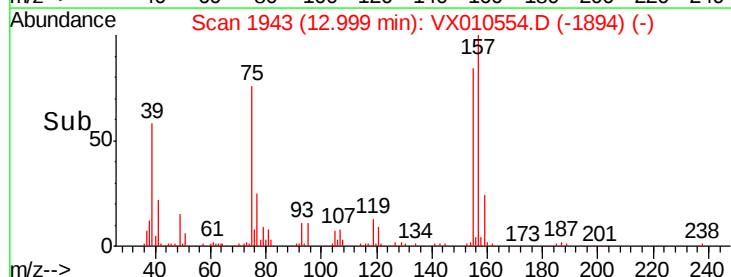
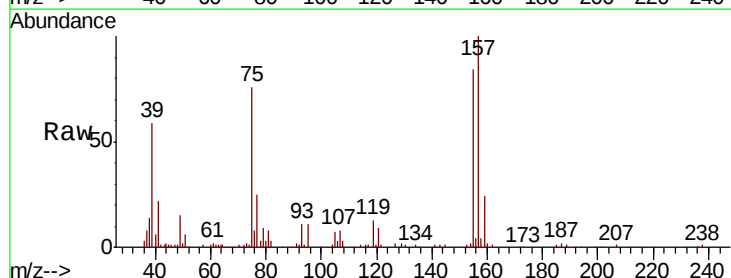
Instrument :
 MSVOA_X
 ClientSampled :
 VX0628WBS02

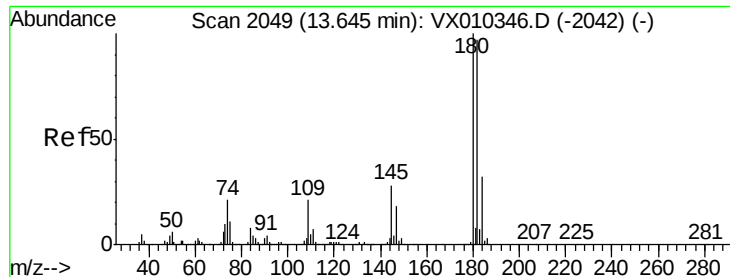
Tot Ion:146 Resp: 100244
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.2 57.6
 148 65.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.245 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion: 75 Resp: 13570
 Ion Ratio Lower Upper
 75 100
 155 106.1 54.4 163.1
 157 131.9 69.5 208.3

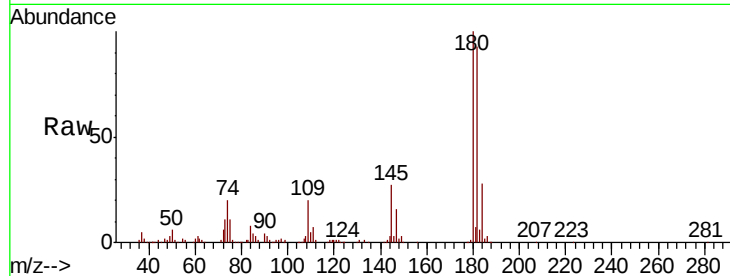




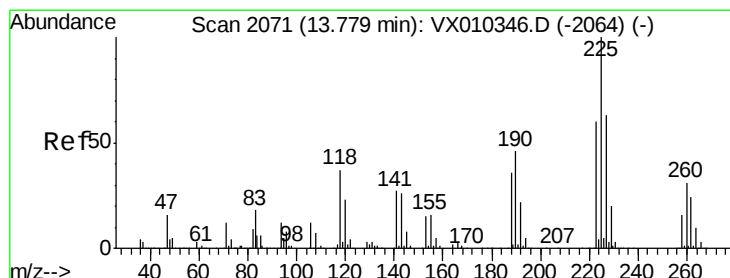
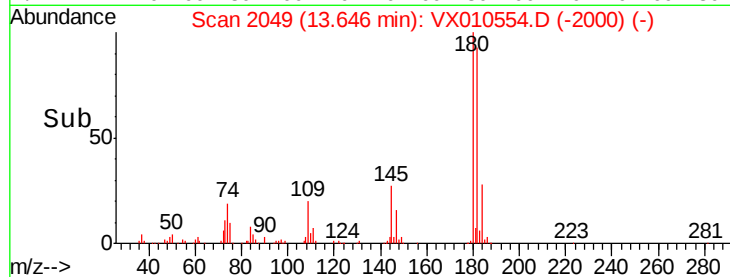
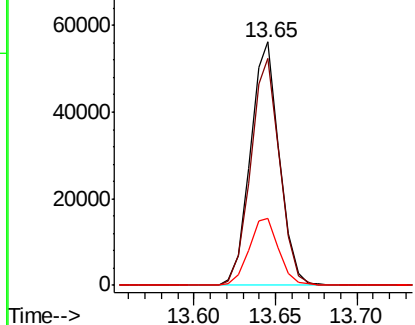
#93
 1,2,4-Trichlorobenzene
 Concen: 18.778 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion:180 Resp: 69520
 Ion Ratio Lower Upper
 180 100
 182 93.2 48.0 144.0
 145 28.3 14.4 43.4

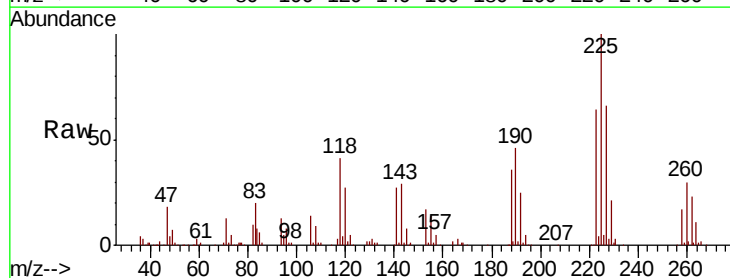


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

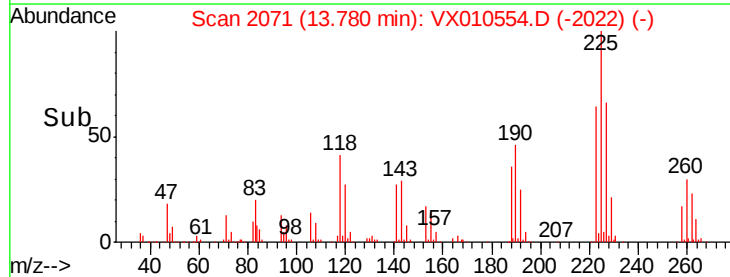
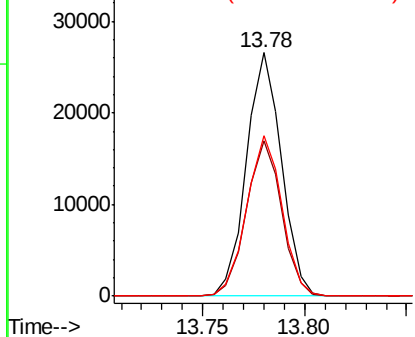


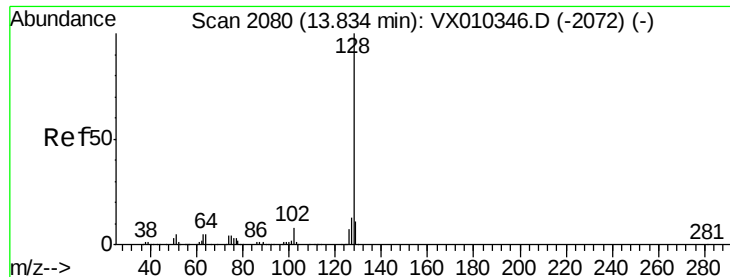
#94
 Hexachlorobutadiene
 Concen: 17.586 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010554.D
 Acq: 28 Jun 2019 23:34

Tgt Ion:225 Resp: 31819
 Ion Ratio Lower Upper
 225 100
 223 63.9 30.9 92.7
 227 66.5 31.9 95.5



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





#95

Naphthalene

Concen: 19.172 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

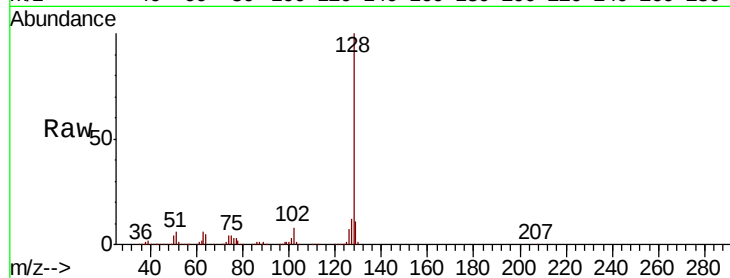
Tot Ion:128 Resp: 218117

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

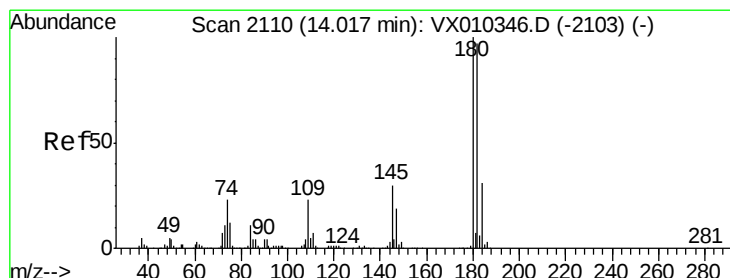
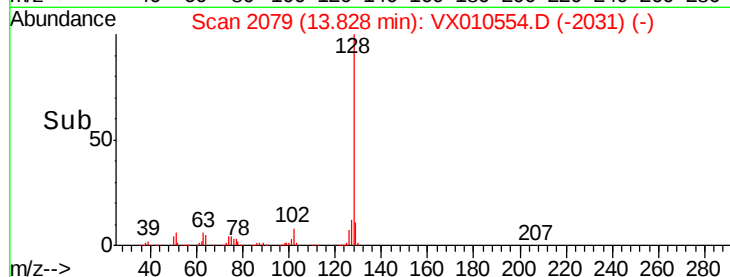
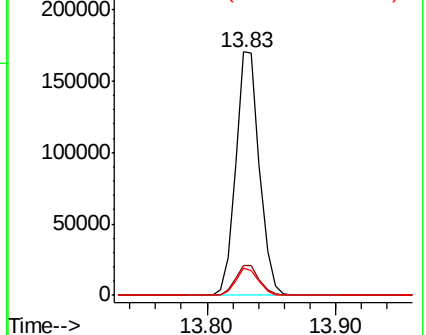
129 10.8 8.9 13.3



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: 19.117 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010554.D

Acq: 28 Jun 2019 23:34

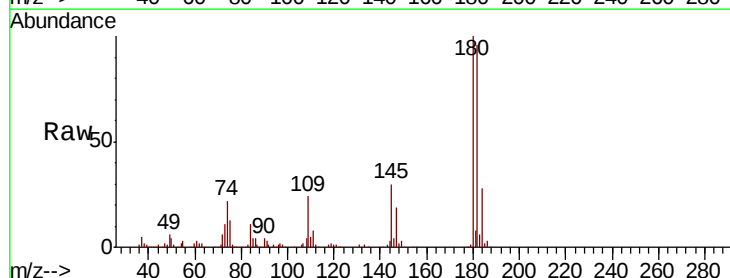
Tgt Ion:180 Resp: 70367

Ion Ratio Lower Upper

180 100

182 95.5 47.8 143.3

145 30.0 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

