

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062019\
 Data File : VX010369.D
 Acq On : 20 Jun 2019 19:55
 Operator : JC/SP
 Sample : K3469-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 01:25:14 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	5.66	168	299534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	448260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	402741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	205628	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	130574	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	
35) Dibromofluoromethane	5.50	113	130505	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	
50) Toluene-d8	8.71	98	485952	46.31	ug/l	0.00
Spiked Amount			Recovery	=	92.62%	
62) 4-Bromofluorobenzene	11.13	95	174325	46.02	ug/l	0.00
Spiked Amount			Recovery	=	92.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	98554	47.326	ug/l	99
3) Chloromethane	1.32	50	107246	44.227	ug/l	99
4) Vinyl Chloride	1.41	62	122178	46.001	ug/l	98
5) Bromomethane	1.64	94	48849	37.752	ug/l	98
6) Chloroethane	1.71	64	81229	51.838	ug/l	99
7) Trichlorofluoromethane	1.92	101	205987	48.924	ug/l	99
8) Diethyl Ether	2.19	74	74640	49.434	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	123053	48.228	ug/l	100
10) Methyl Iodide	2.51	142	137129	37.659	ug/l	100
11) Tert butyl alcohol	3.05	59	175526	238.852	ug/l	98
12) 1,1-Dichloroethene	2.37	96	125999	48.530	ug/l	98
13) Acrolein	2.29	56	87907	180.323	ug/l	97
14) Allyl chloride	2.73	41	184254	49.988	ug/l	100
15) Acrylonitrile	3.14	53	370291	254.501	ug/l	100
16) Acetone	2.45	43	297711	211.518	ug/l	99
17) Carbon Disulfide	2.57	76	338941	48.660	ug/l	100
18) Methyl Acetate	2.78	43	133011	47.415	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	413190	50.588	ug/l	98
20) Methylene Chloride	2.85	84	141756	48.940	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	136119	48.747	ug/l	99
22) Diisopropyl ether	3.85	45	381875	49.552	ug/l	96
23) Vinyl Acetate	3.81	43	1634340	245.483	ug/l	99
24) 1,1-Dichloroethane	3.70	63	219428	49.258	ug/l	99
25) 2-Butanone	4.67	43	500517	242.425	ug/l	97
26) 2,2-Dichloropropane	4.59	77	172236	44.508	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	160290	49.675	ug/l	98
28) Bromochloromethane	5.02	49	97553	45.803	ug/l	99
29) Tetrahydrofuran	5.13	42	326190	255.067	ug/l	100
30) Chloroform	5.21	83	234360	48.896	ug/l	97
31) Cyclohexane	5.58	56	200778	49.494	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	212058	50.106	ug/l	99
36) 1,1-Dichloropropene	5.80	75	168998	47.443	ug/l	99
37) Ethyl Acetate	4.84	43	181220	49.452	ug/l	100
38) Carbon Tetrachloride	5.78	117	191256	49.583	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	224286	47.901	ug/l	97
40) Benzene	6.14	78	549699	49.533	ug/l	99
41) Methacrylonitrile	5.04	41	101565	50.513	ug/l	99
42) 1,2-Dichloroethane	6.20	62	172139	50.957	ug/l	99
43) Isopropyl Acetate	6.45	43	302466	49.888	ug/l	99
44) Trichloroethene	7.21	130	161614	48.668	ug/l	99
45) 1,2-Dichloropropane	7.51	63	137997	49.241	ug/l	99
46) Dibromomethane	7.66	93	100418	49.942	ug/l	99
47) Bromodichloromethane	7.90	83	187325	50.836	ug/l	97
48) Methyl methacrylate	7.77	41	148017	52.523	ug/l	99
49) 1,4-Dioxane	7.74	88	84929	1046.135	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	989026	255.059	ug/l	99
52) Toluene	8.78	92	357093	48.862	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	208232	50.404	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	222100	49.471	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	151124	50.139	ug/l	99
56) Ethyl methacrylate	9.18	69	231571	50.717	ug/l	100
57) 1,3-Dichloropropane	9.37	76	231667	49.515	ug/l	100
59) 2-Hexanone	9.49	43	747359	244.888	ug/l	100
60) Dibromochloromethane	9.58	129	170973	50.662	ug/l	100
61) 1,2-Dibromoethane	9.67	107	160205	49.243	ug/l	99
64) Tetrachloroethene	9.34	164	141375	43.400	ug/l	98
65) Chlorobenzene	10.13	112	397789	48.651	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	152488	51.200	ug/l	99
67) Ethyl Benzene	10.25	91	677828	49.105	ug/l	100
68) m/p-Xylenes	10.36	106	525025	98.162	ug/l	100
69) o-Xylene	10.69	106	261647	49.745	ug/l	97
70) Styrene	10.71	104	439878	49.868	ug/l	99
71) Bromoform	10.85	173	136654	52.763	ug/l	99
73) Isopropylbenzene	11.02	105	679724	48.764	ug/l	99
74) N-amyl acetate	10.90	43	259404	49.243	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	234184	50.730	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	262013	69.925	ug/l	80
77) Bromobenzene	11.26	156	187772	48.243	ug/l	99
78) n-propylbenzene	11.36	91	764316	49.891	ug/l	99
79) 2-Chlorotoluene	11.42	91	444273	48.701	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	567191	49.359	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	77807	48.442	ug/l	99
82) 4-Chlorotoluene	11.51	91	513778	49.495	ug/l	100
83) tert-Butylbenzene	11.77	119	581379	50.408	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	578260	50.088	ug/l	100
85) sec-Butylbenzene	11.94	105	671456	49.584	ug/l	100
86) p-Isopropyltoluene	12.06	119	623215	49.755	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	330480	48.643	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	329848	47.689	ug/l	99
89) n-Butylbenzene	12.38	91	532959	50.072	ug/l	99
90) Hexachloroethane	12.60	117	114777	52.994	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	326145	48.300	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50464	50.703	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	231620	49.463	ug/l	99

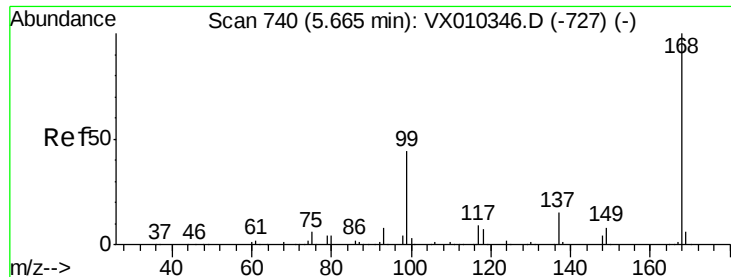
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	109047	47.648	ug/l	99
95) Naphthalene	13.83	128	761448	52.914	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	231613	49.747	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

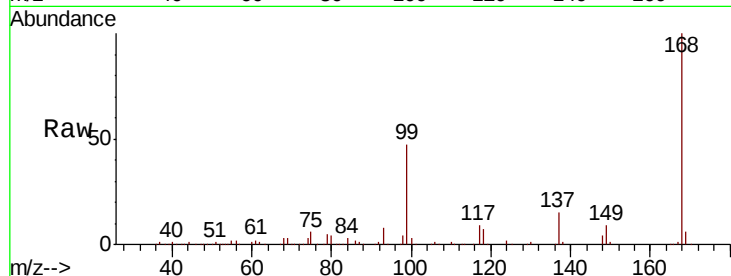
ClientSampled :

Tot Ion:168 Resp: 299534

Ion Ratio Lower Upper

168 100

99 46.5 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

60000

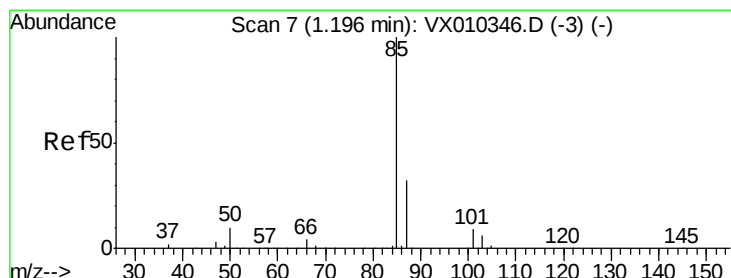
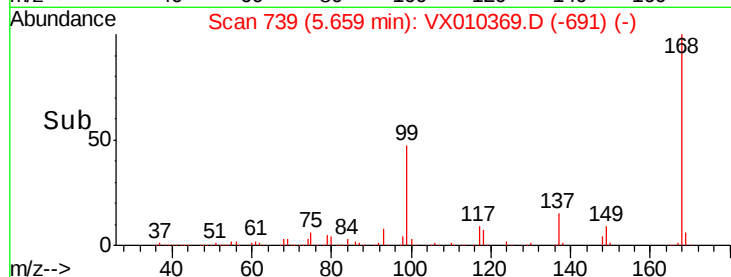
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.326 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010369.D

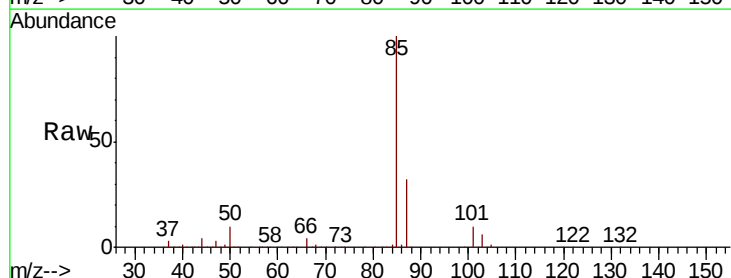
Acq: 20 Jun 2019 19:55

Tgt Ion: 85 Resp: 98554

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

120000

100000

80000

60000

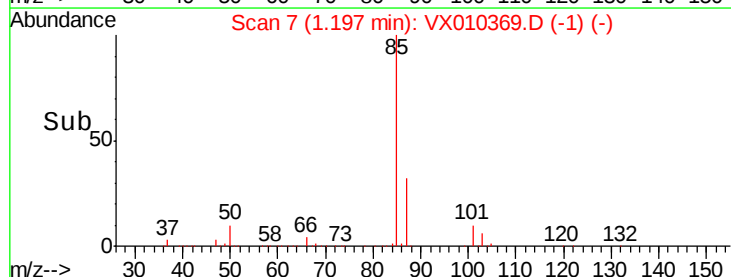
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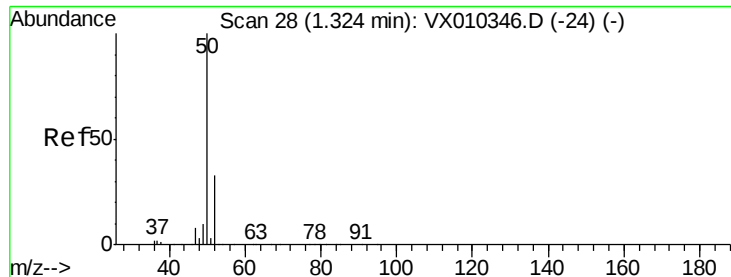
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 44.227 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

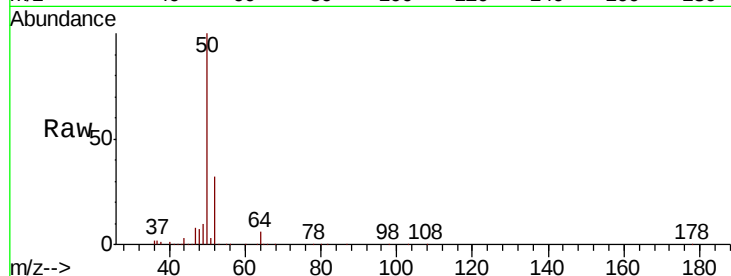
ClientSampled :

Tot Ion: 50 Resp: 107246

Ion Ratio Lower Upper

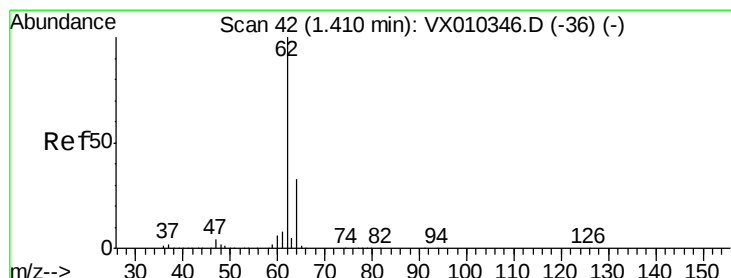
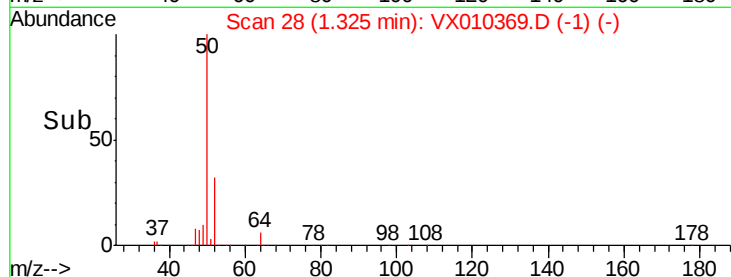
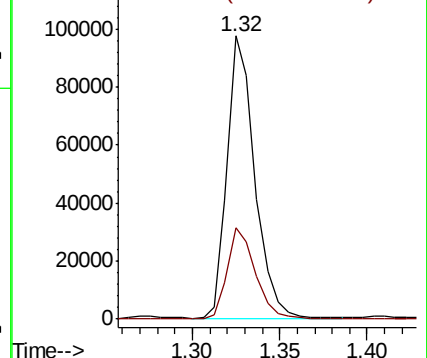
50 100

52 32.4 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: 46.001 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010369.D

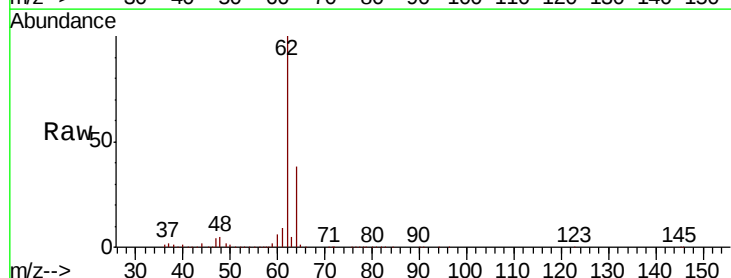
Acq: 20 Jun 2019 19:55

Tgt Ion: 62 Resp: 122178

Ion Ratio Lower Upper

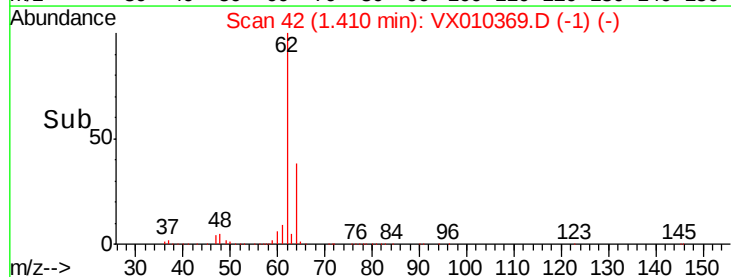
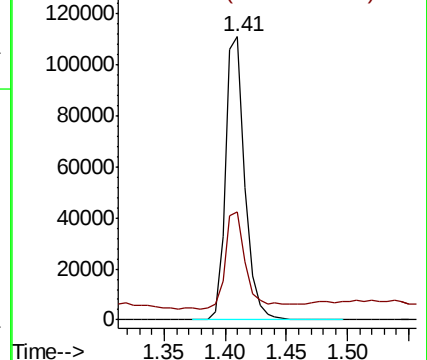
62 100

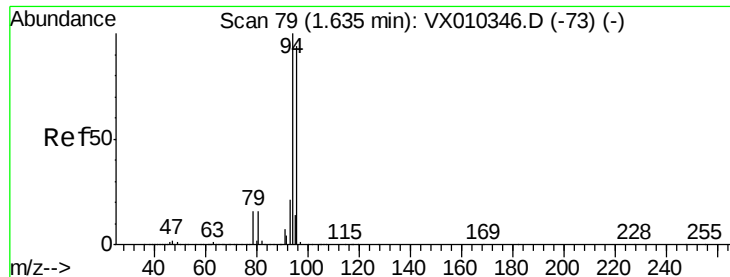
64 34.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 37.752 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

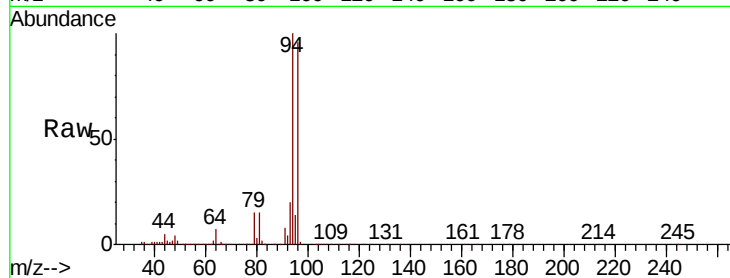
ClientSampleId :

Tot Ion: 94 Resp: 48849

Ion Ratio Lower Upper

94 100

96 96.5 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

50000

40000

30000

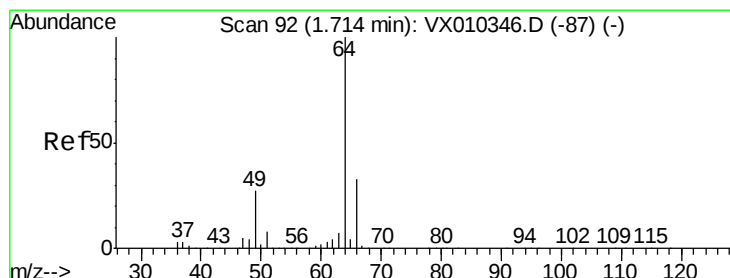
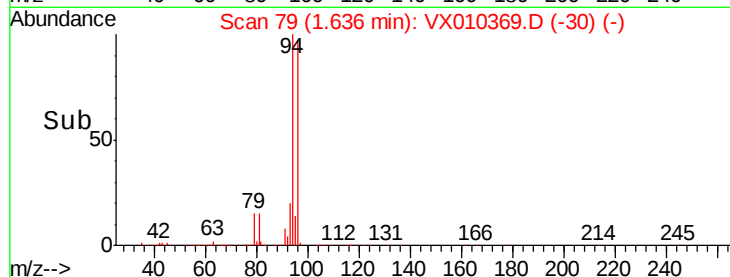
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 51.838 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010369.D

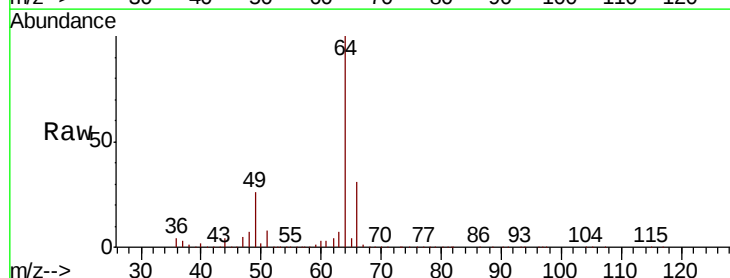
Acq: 20 Jun 2019 19:55

Tgt Ion: 64 Resp: 81229

Ion Ratio Lower Upper

64 100

66 32.6 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

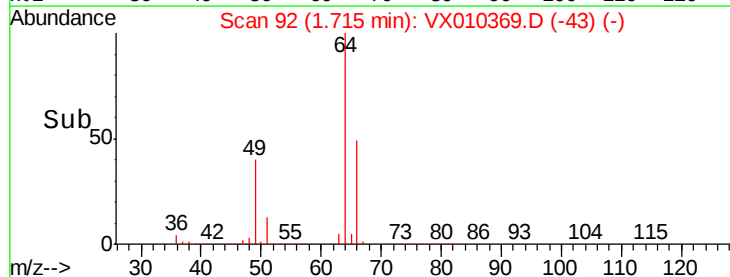
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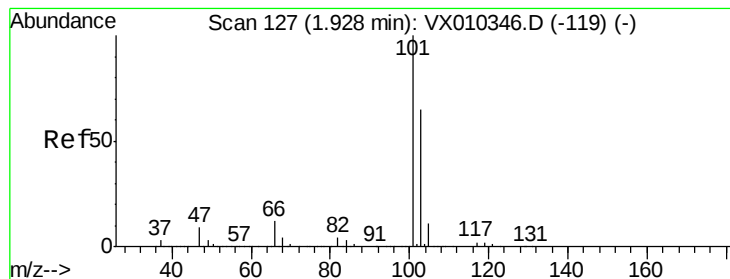
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Time-->

1.60 1.65 1.70 1.75 1.80



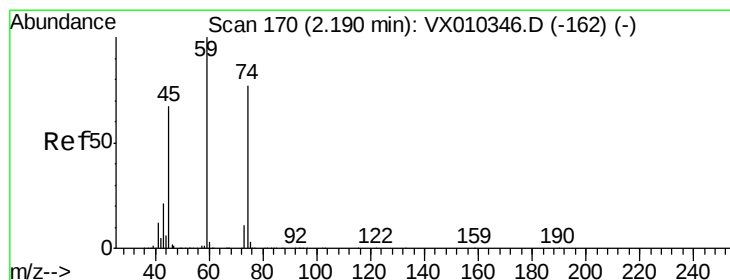
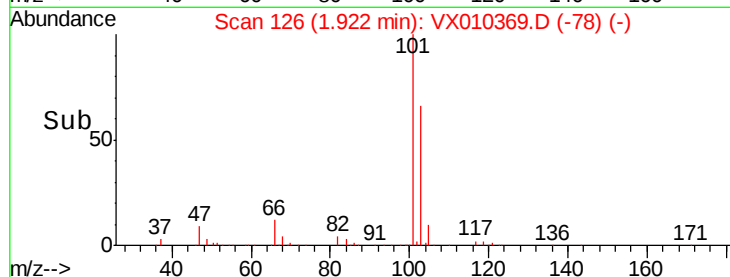
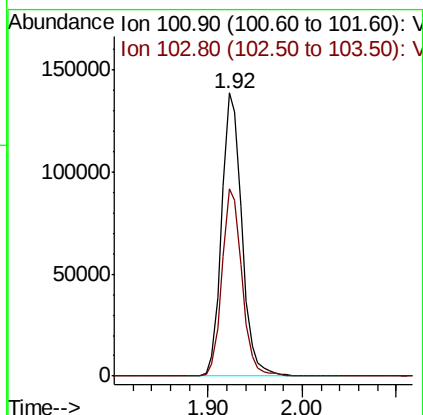
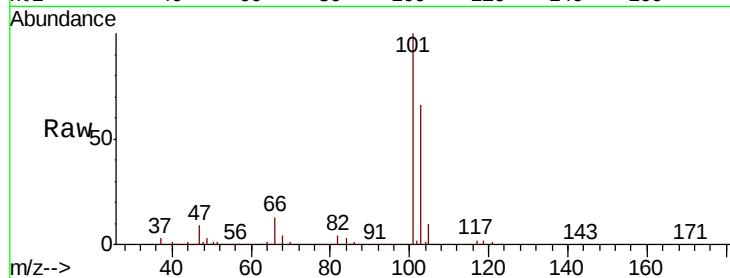


#7

Trichlorofluoromethane
Concen: 48.924 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :

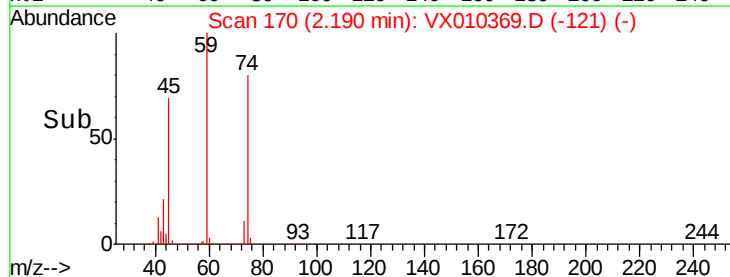
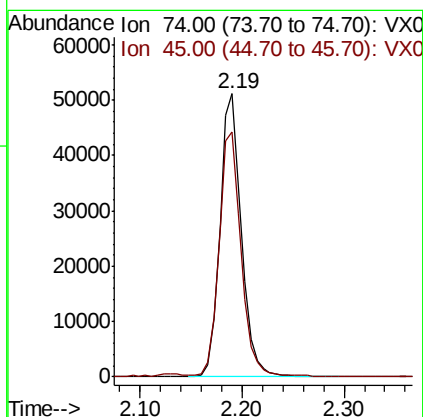
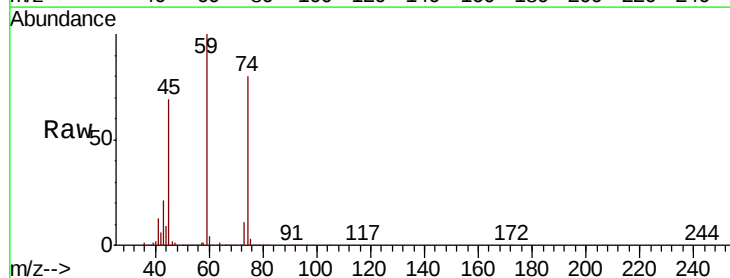
Tot Ion:101 Resp: 205987
Ion Ratio Lower Upper
101 100
103 66.3 52.3 78.5



#8

Diethyl Ether
Concen: 49.434 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 74 Resp: 74640
Ion Ratio Lower Upper
74 100
45 89.3 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.228 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

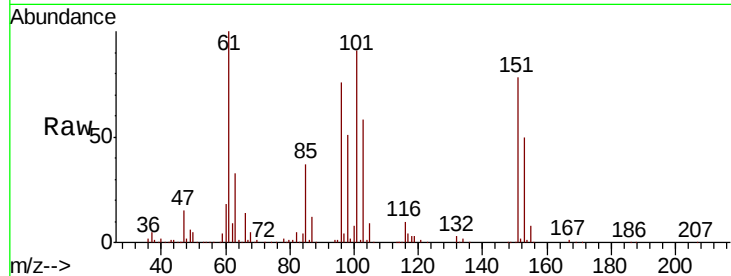
Tot Ion:101 Resp: 123053

Ion Ratio Lower Upper

101 100

85 41.5 33.7 50.5

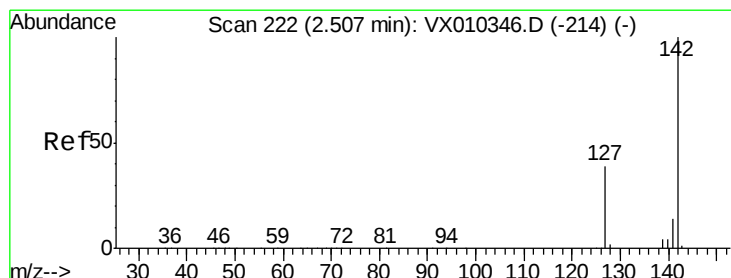
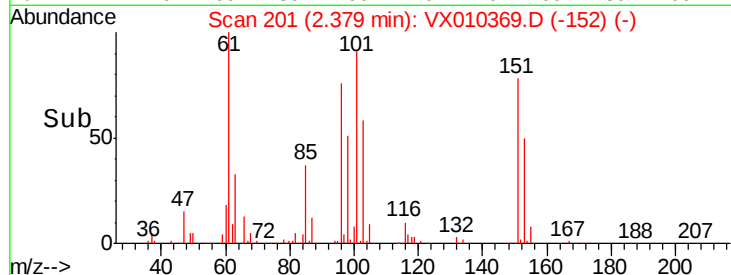
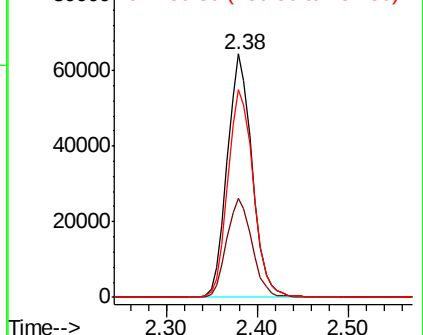
151 87.5 70.1 105.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 37.659 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

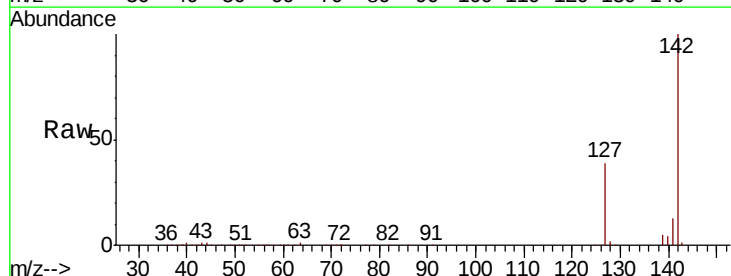
Tgt Ion:142 Resp: 137129

Ion Ratio Lower Upper

142 100

127 38.9 31.1 46.7

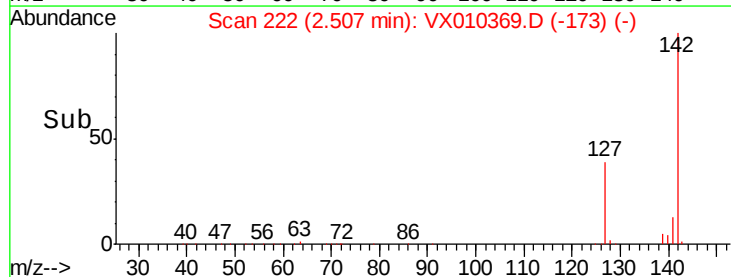
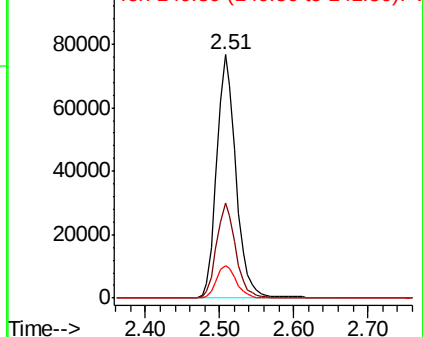
141 13.9 11.2 16.8



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

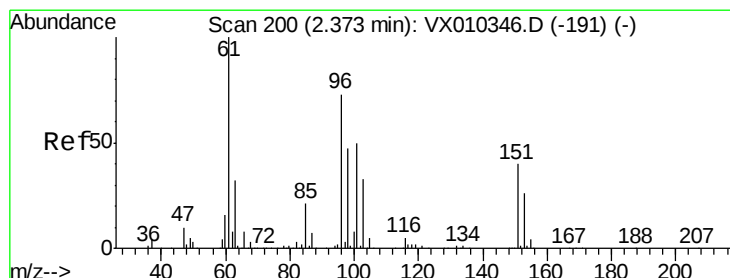
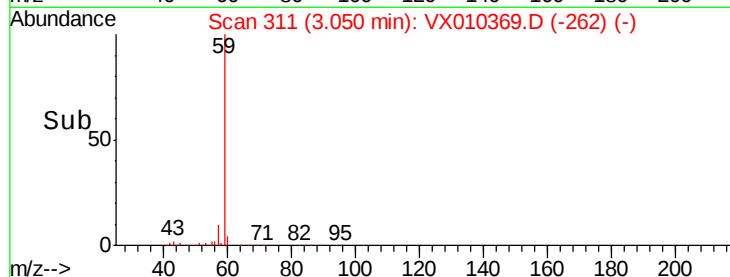
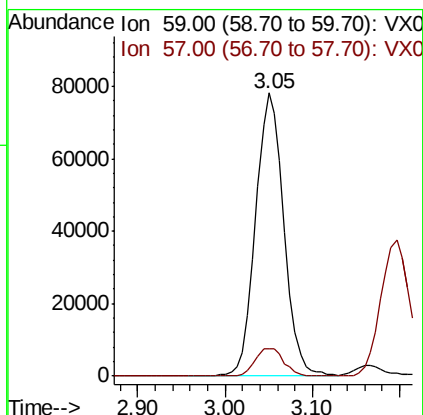
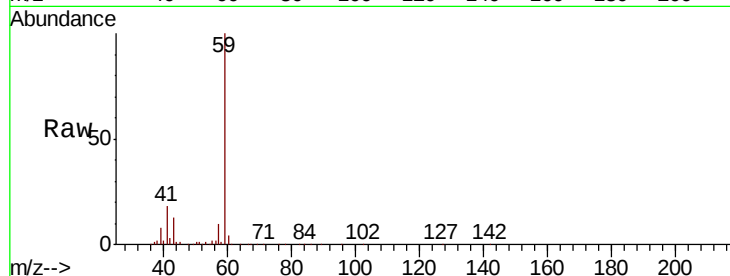




#11
Tert butyl alcohol
Concen: 238.852 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

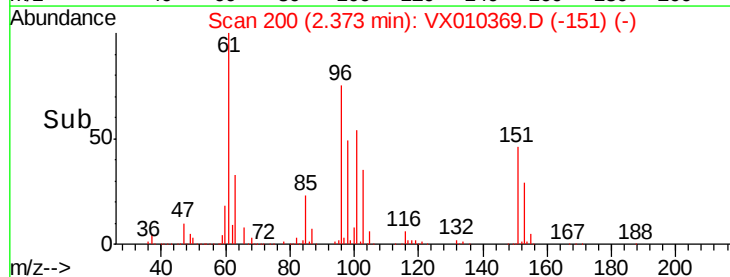
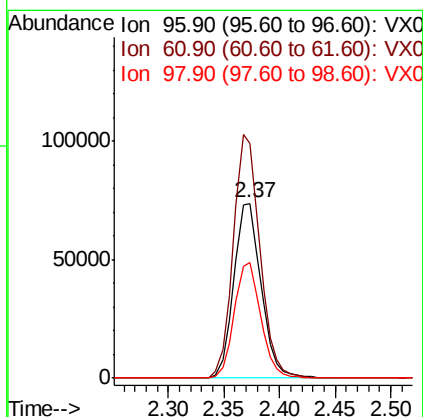
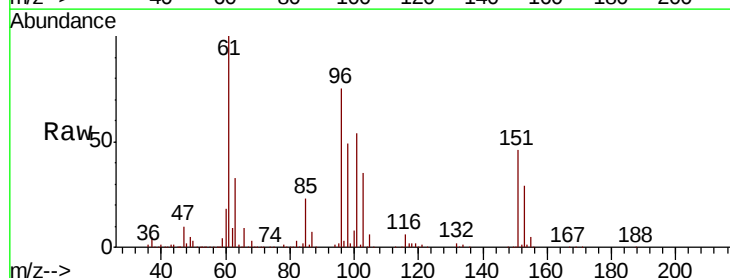
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 59 Resp: 175526
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.530 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 96 Resp: 125999
Ion Ratio Lower Upper
96 100
61 134.1 109.2 163.8
98 66.2 51.1 76.7





#13

Acrolein

Concen: 180.323 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

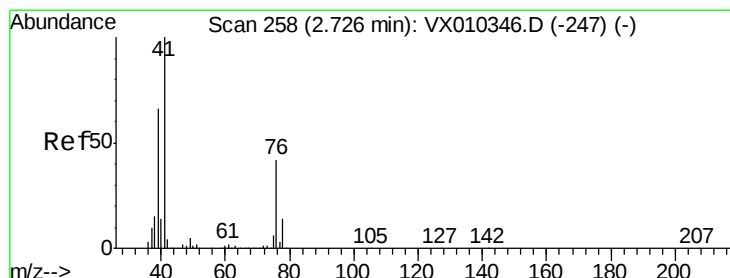
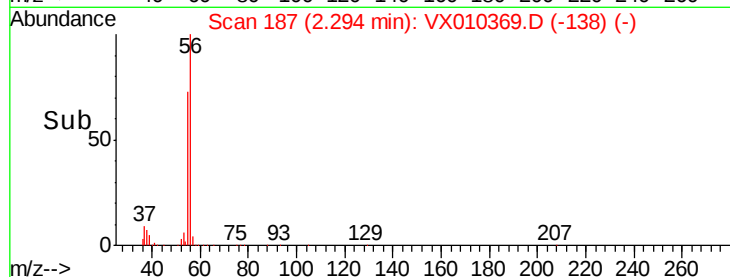
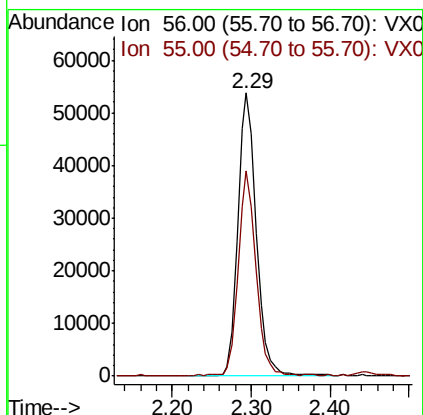
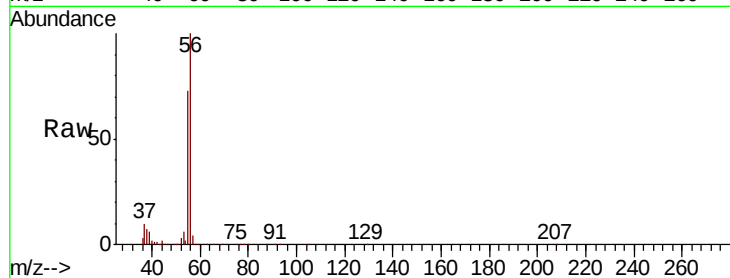
ClientSampled :

Tot Ion: 56 Resp: 87907

Ion Ratio Lower Upper

56 100

55 69.0 56.9 85.3



#14

Allyl chloride

Concen: 49.988 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

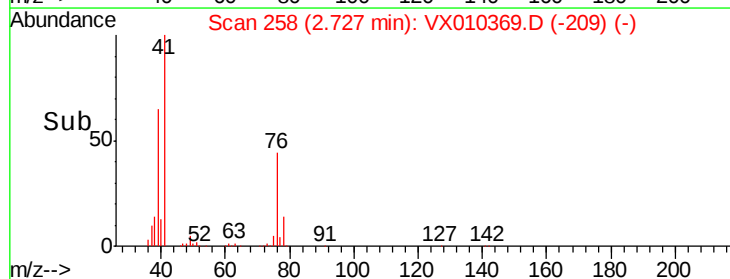
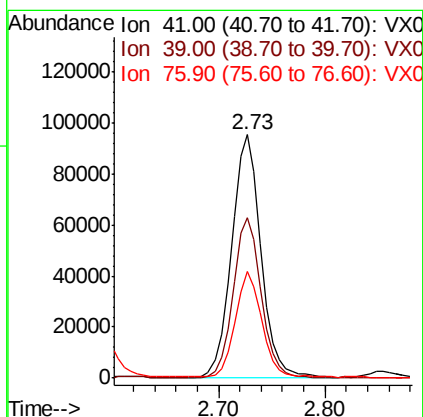
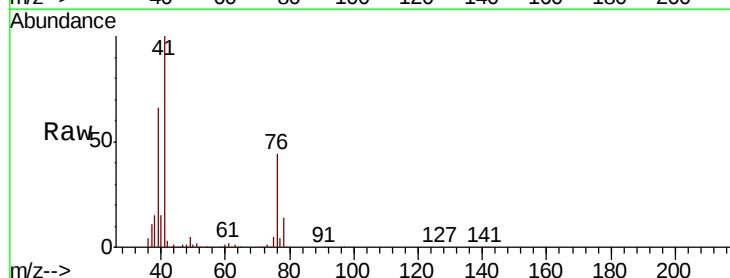
Tgt Ion: 41 Resp: 184254

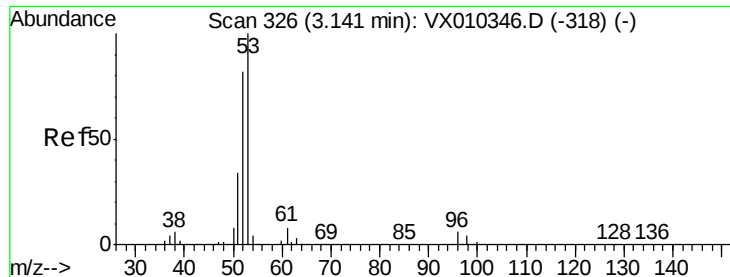
Ion Ratio Lower Upper

41 100

39 62.8 50.3 75.5

76 39.6 31.3 46.9



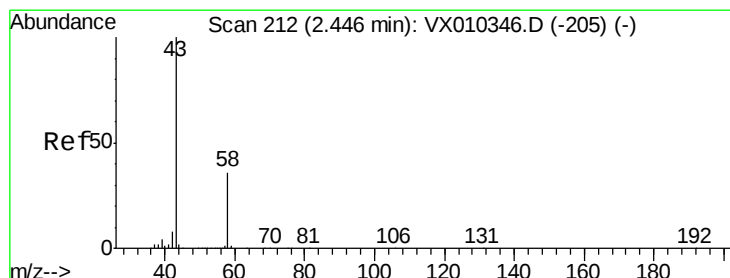
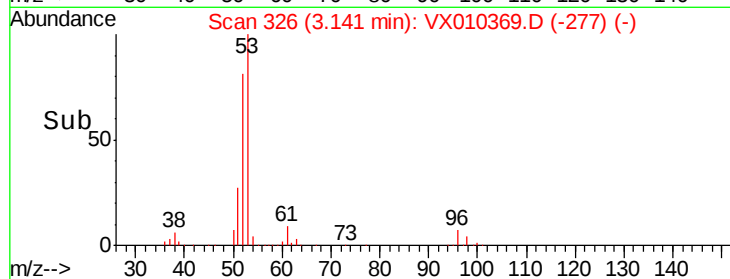
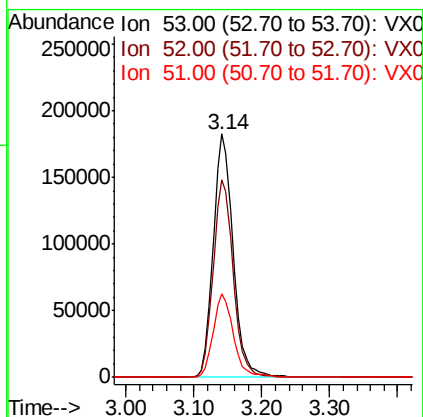
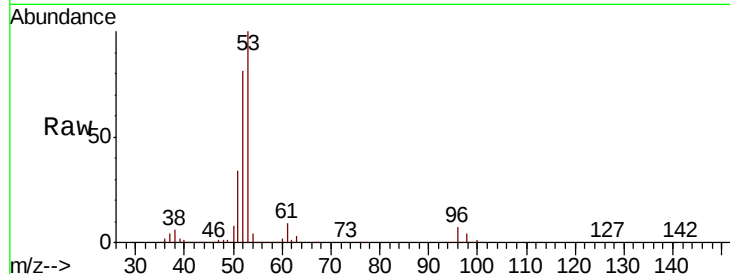


#15
 Acrylonitrile
 Concen: 254.501 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 53 Resp: 370291

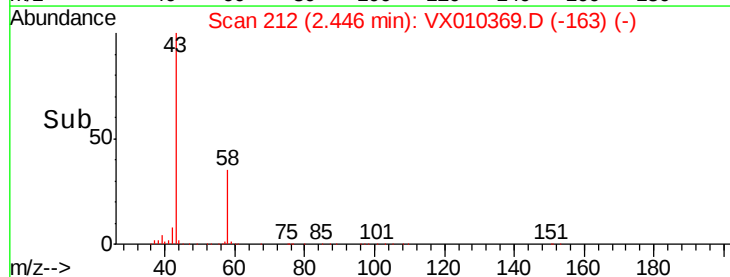
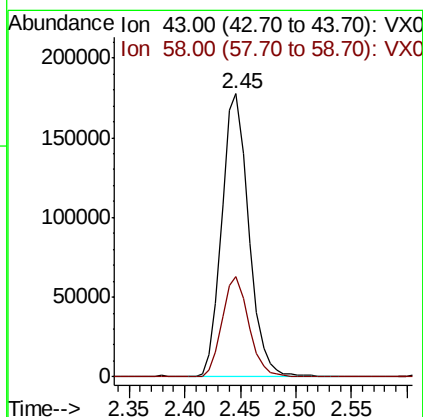
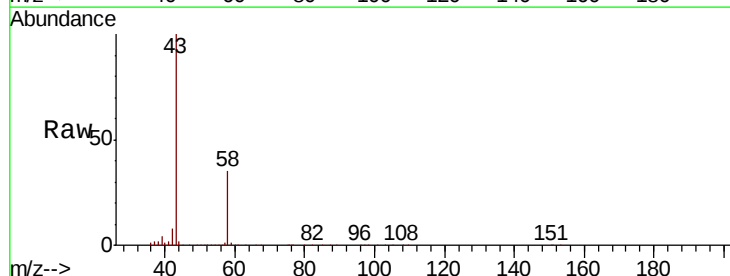
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.5	98.3
51	34.7	28.2	42.4

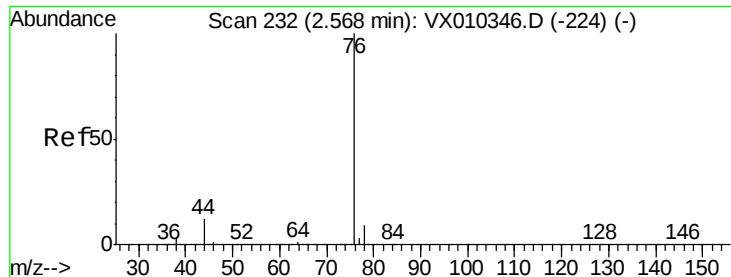


#16
 Acetone
 Concen: 211.518 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion: 43 Resp: 297711

Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.9	43.3

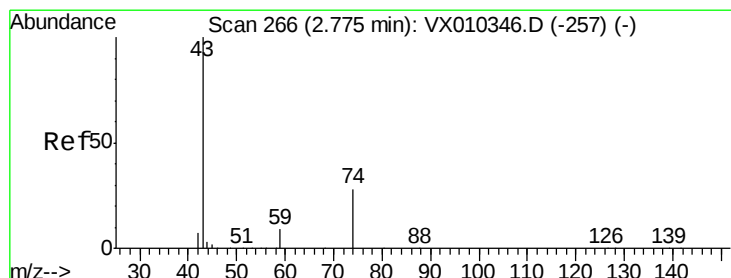
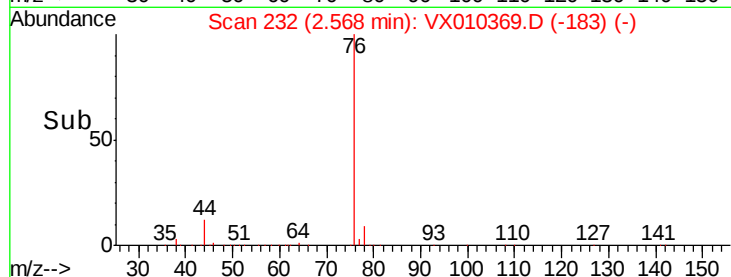
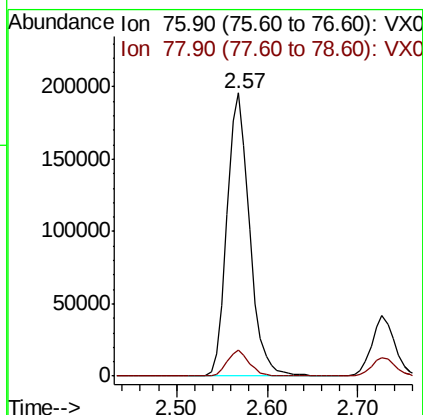
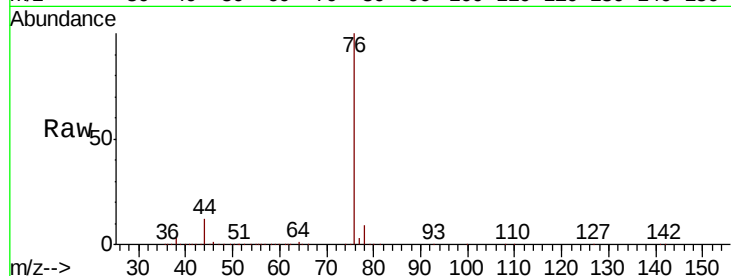




#17
Carbon Disulfide
Concen: 48.660 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

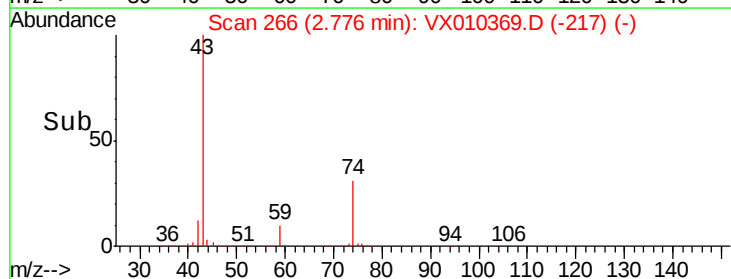
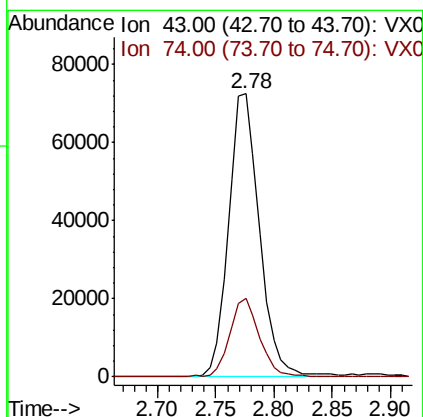
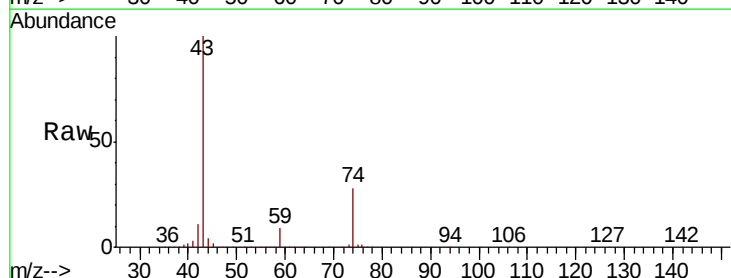
Instrument :
MSVOA_X
ClientSampleId :

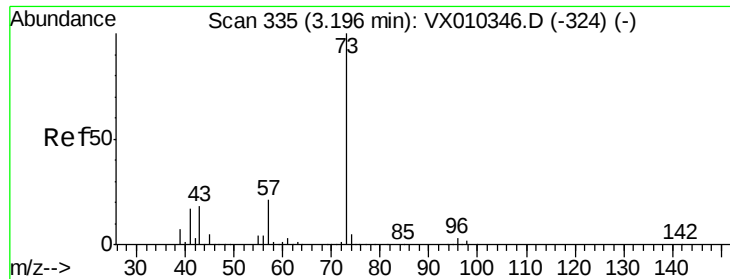
Tot Ion: 76 Resp: 338941
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 47.415 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 43 Resp: 133011
Ion Ratio Lower Upper
43 100
74 27.5 21.3 31.9

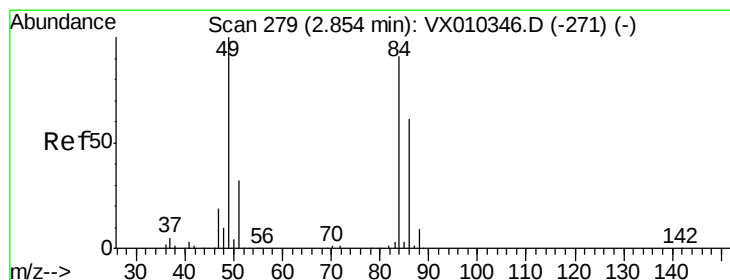
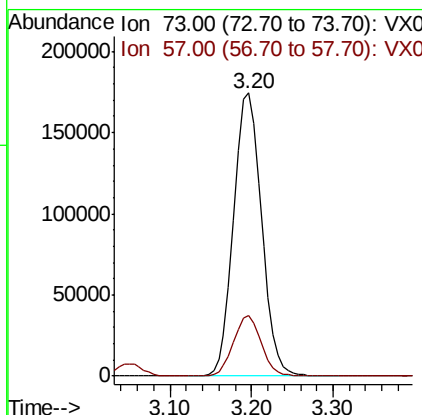
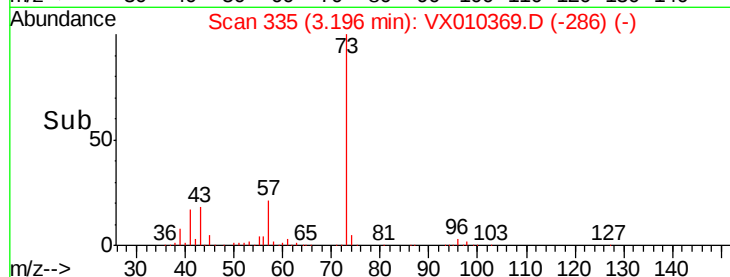
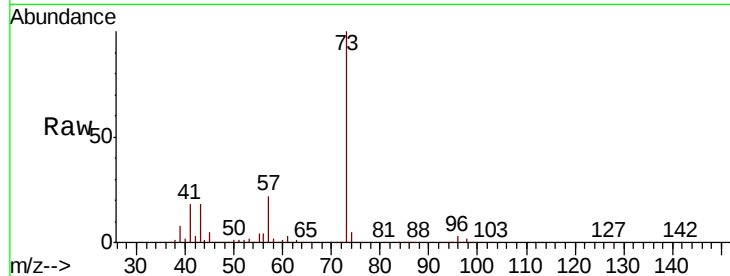




#19
Methvl tert-butvl Ether
Concen: 50.588 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

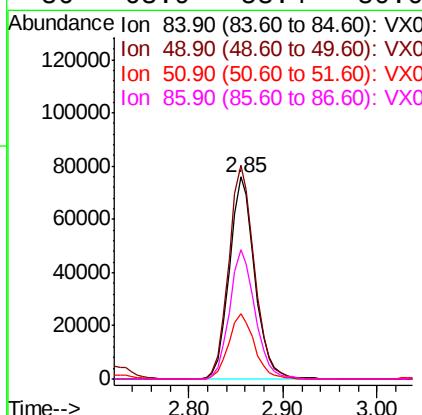
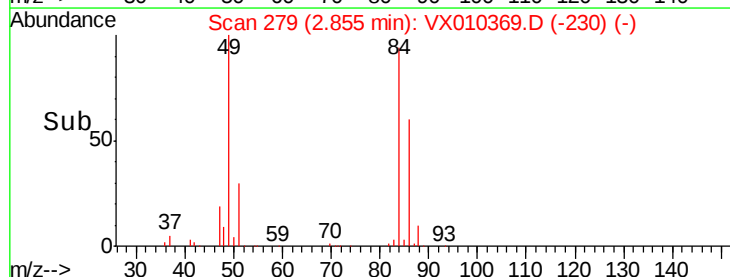
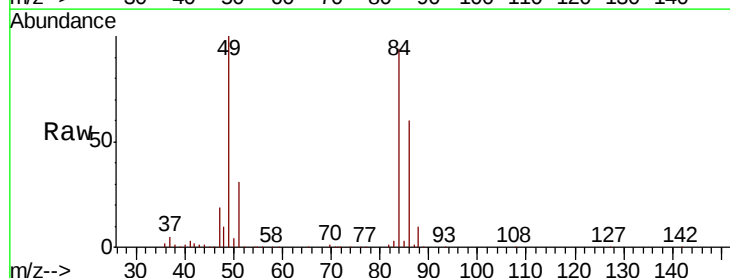
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 413190
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6



#20
Methylene Chloride
Concen: 48.940 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 84 Resp: 141756
Ion Ratio Lower Upper
84 100
49 105.7 87.5 131.3
51 32.3 27.7 41.5
86 63.9 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 48.747 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :
MSVOA_X
ClientSampled :

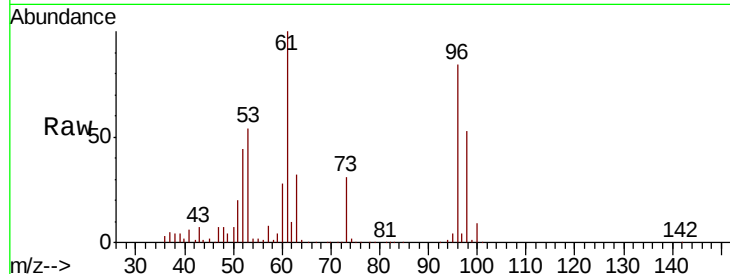
Tot Ion: 96 Resp: 136119

Ion Ratio Lower Upper

96 100

61 119.1 95.6 143.4

98 63.1 52.5 78.7

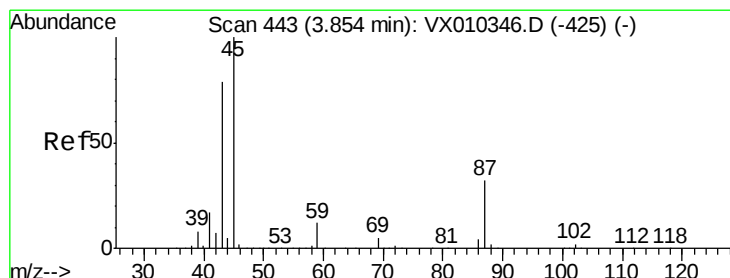
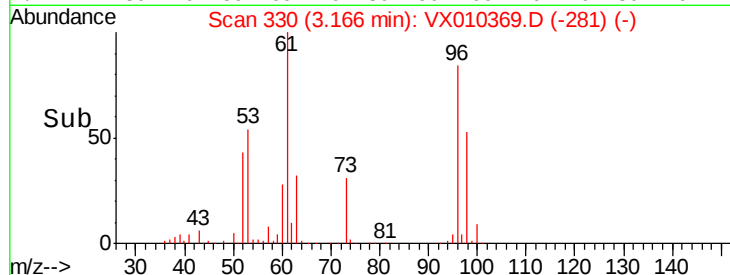
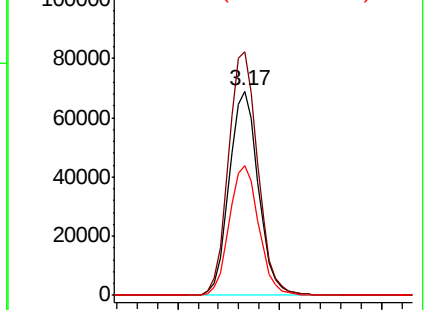


Abundance

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: 49.552 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Tgt Ion: 45 Resp: 381875

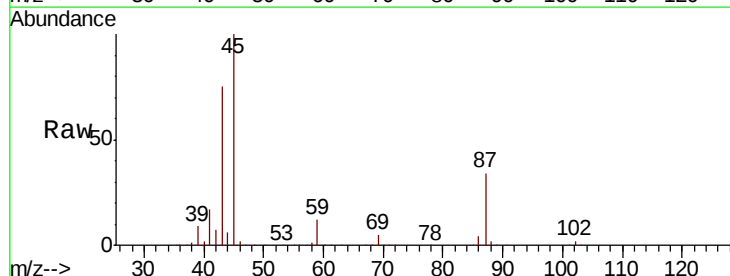
Ion Ratio Lower Upper

45 100

43 74.9 63.3 94.9

87 33.6 25.8 38.8

59 12.3 9.6 14.4



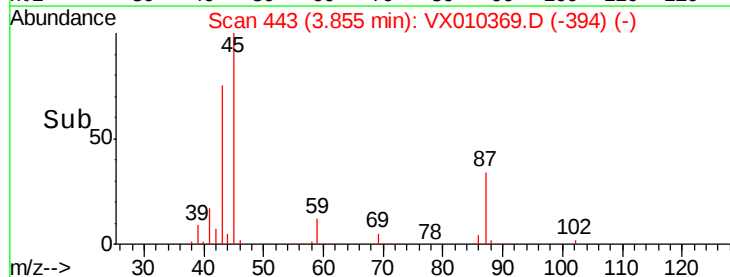
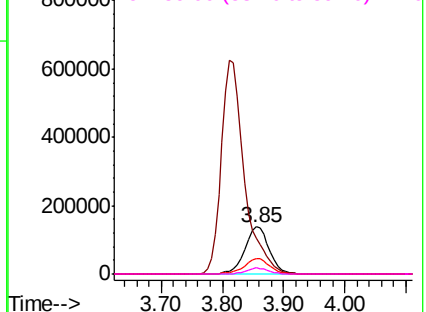
Abundance

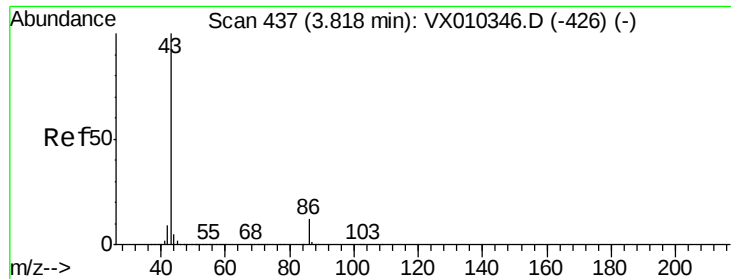
Ion 45.00 (44.70 to 45.70): VX0

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: 245.483 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

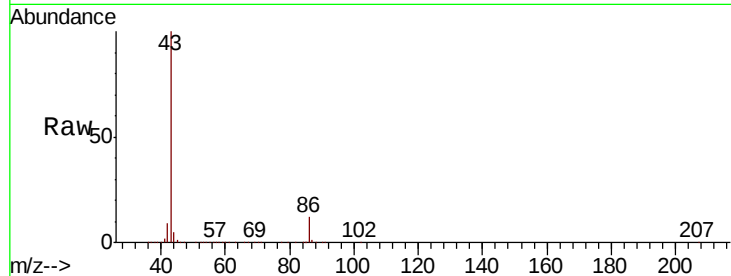
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1634340

Ion Ratio Lower Upper

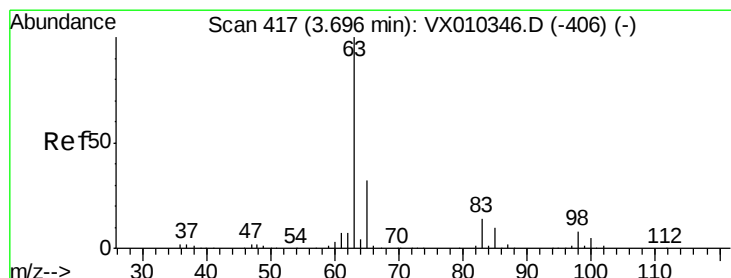
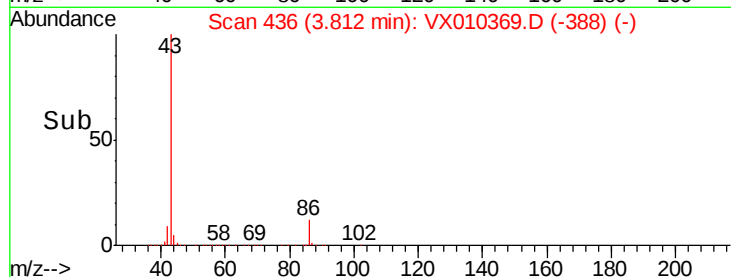
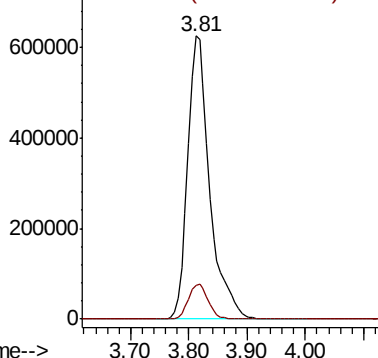
43 100

86 12.2 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.258 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

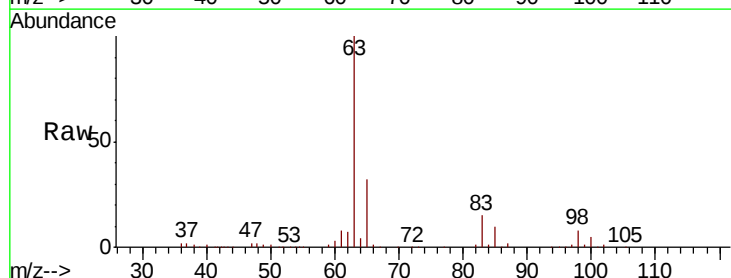
Tgt Ion: 63 Resp: 219428

Ion Ratio Lower Upper

63 100

98 8.0 3.9 11.7

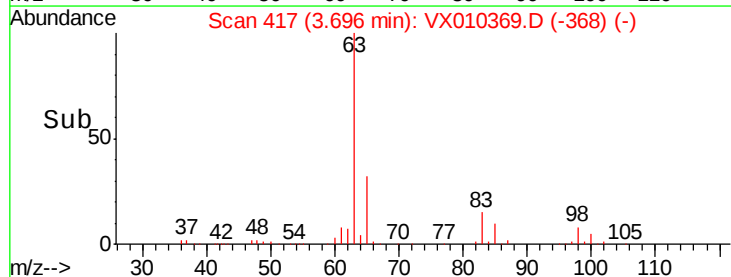
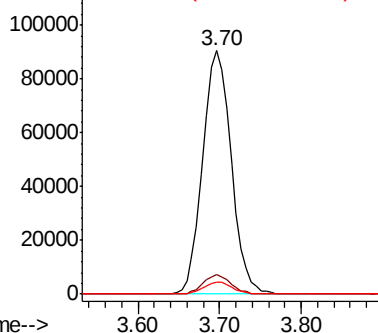
100 4.9 2.4 7.1

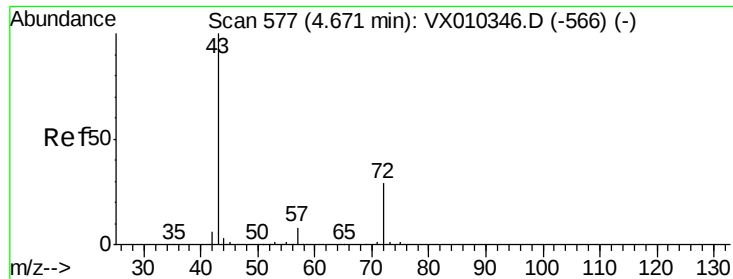


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 242.425 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

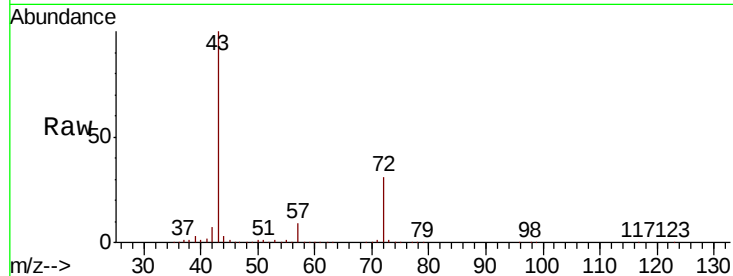
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 500517

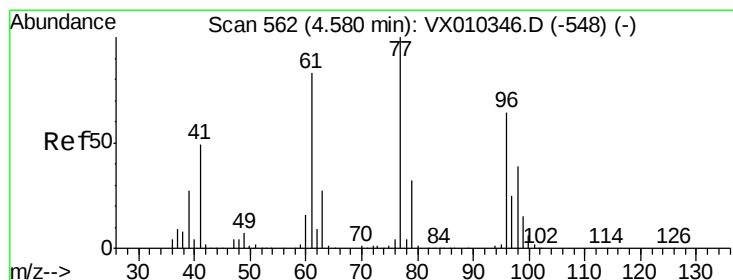
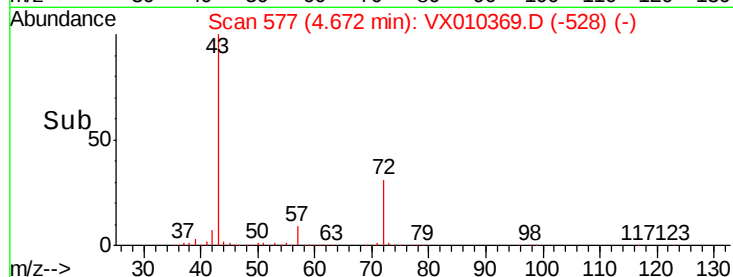
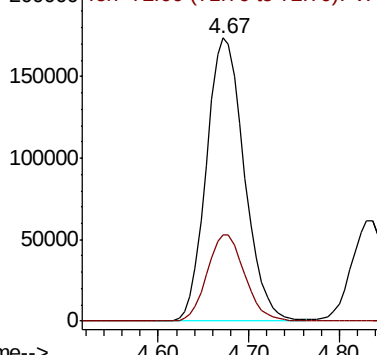
Ion Ratio Lower Upper

43 100

72 30.5 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.508 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010369.D

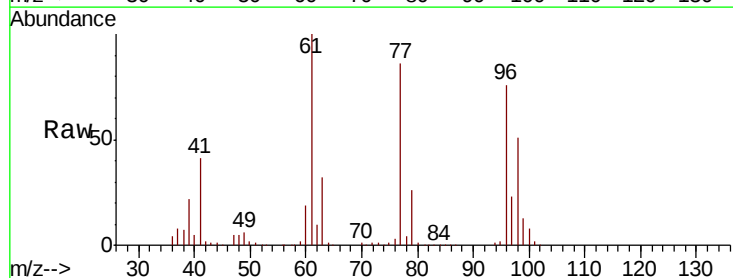
Acq: 20 Jun 2019 19:55

Tgt Ion: 77 Resp: 172236

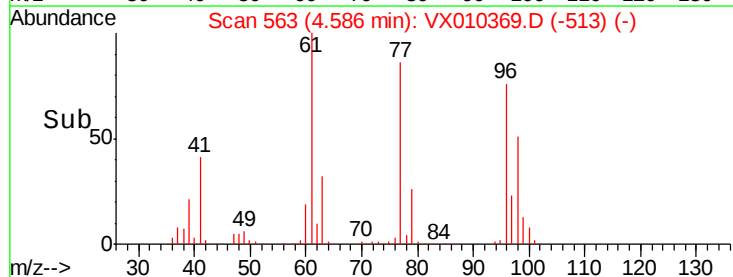
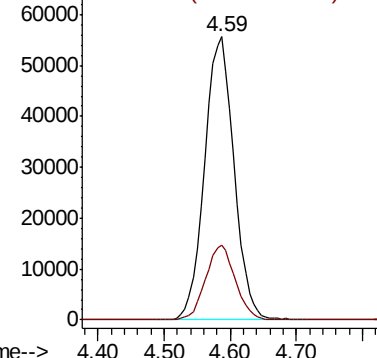
Ion Ratio Lower Upper

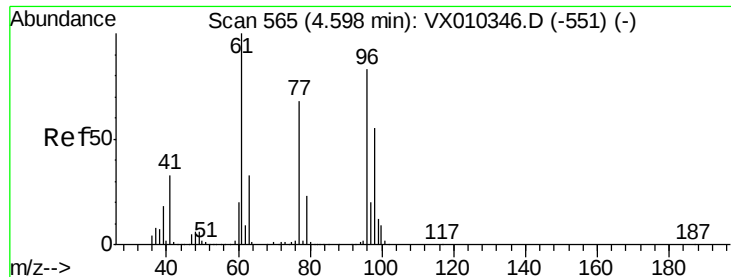
77 100

97 26.7 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



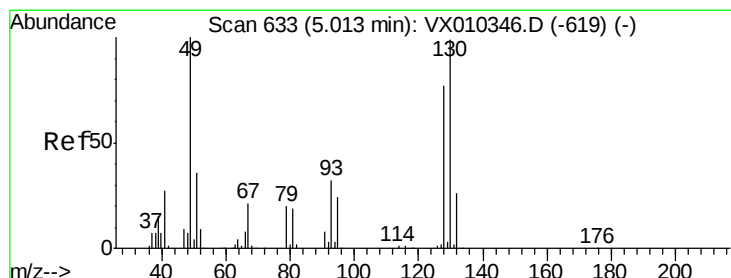
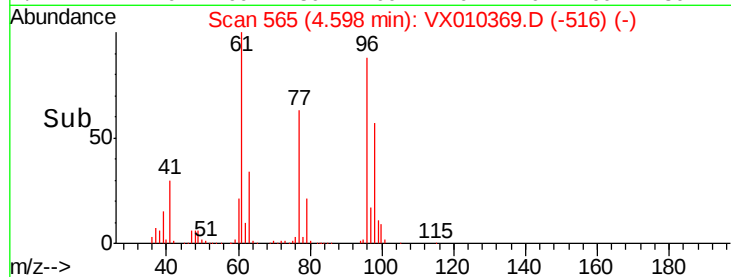
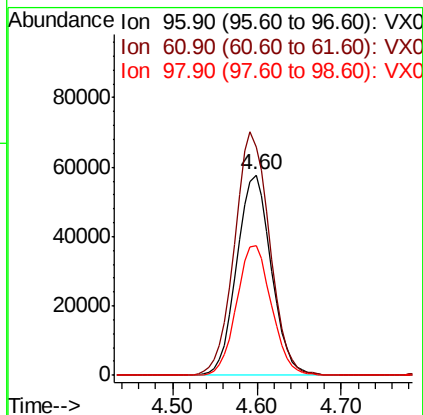
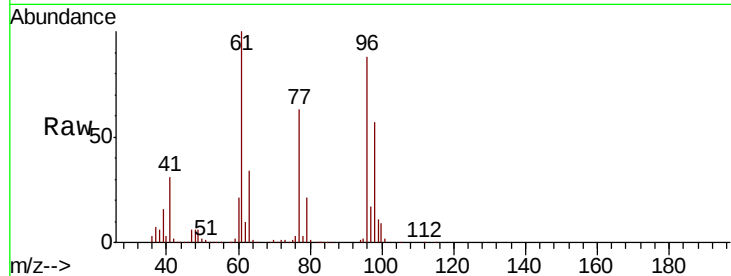


#27

cis-1,2-Dichloroethene
Concen: 49.675 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :

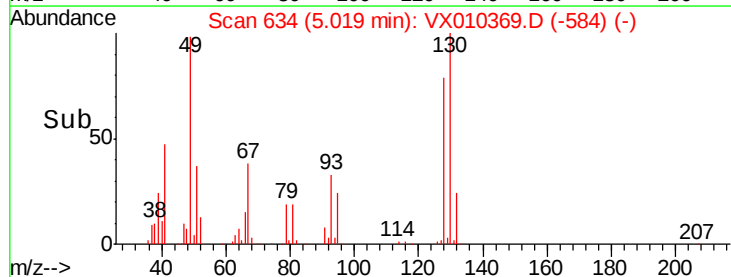
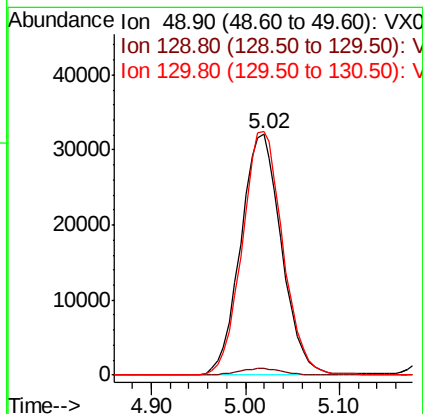
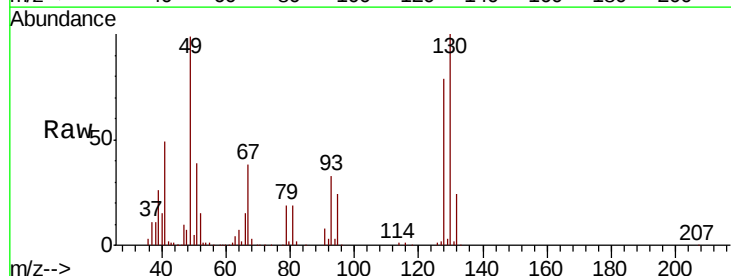
Tot Ion	Ratio	Lower	Upper
96	100		
61	123.7	0.0	251.8
98	65.4	0.0	129.4

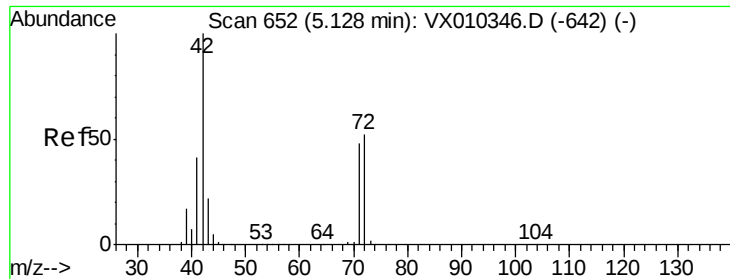


#28

Bromochloromethane
Concen: 45.803 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.6
130	100.6	81.4	122.0





#29

Tetrahydrofuran

Concen: 255.067 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

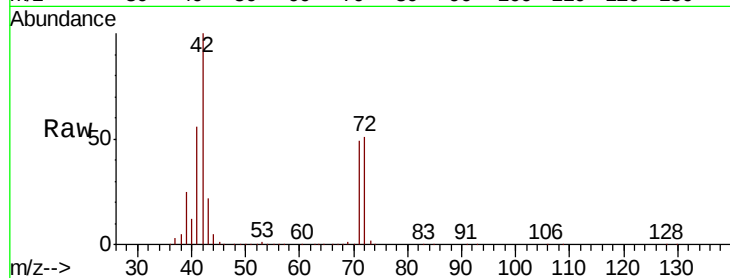
Tot Ion: 42 Resp: 326190

Ion Ratio Lower Upper

42 100

72 51.3 40.6 60.8

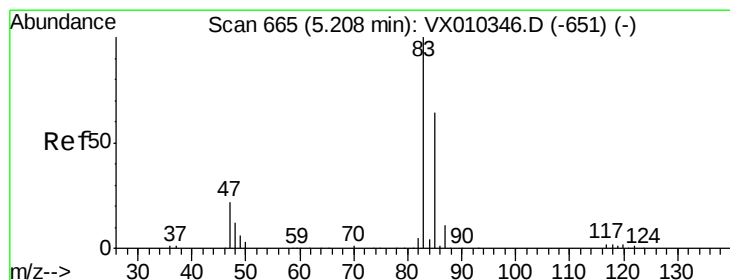
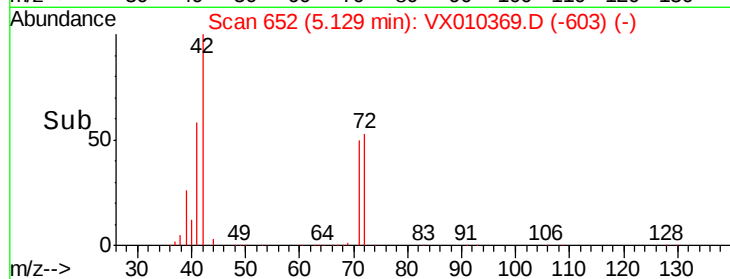
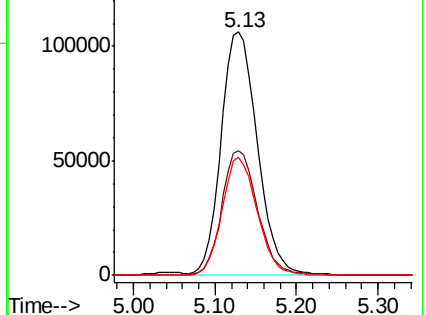
71 47.2 37.8 56.8



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: 48.896 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010369.D

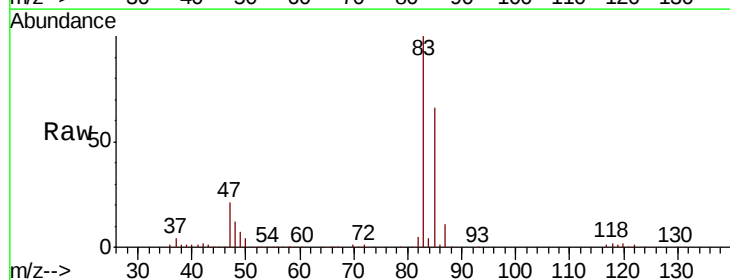
Acq: 20 Jun 2019 19:55

Tgt Ion: 83 Resp: 234360

Ion Ratio Lower Upper

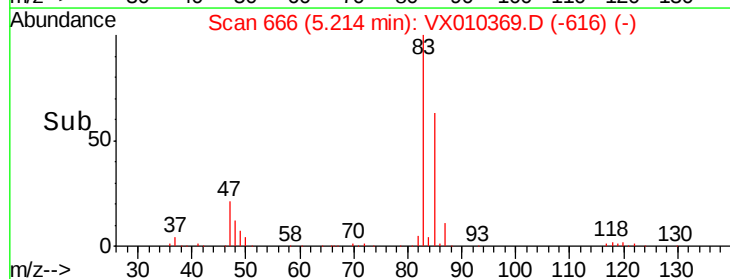
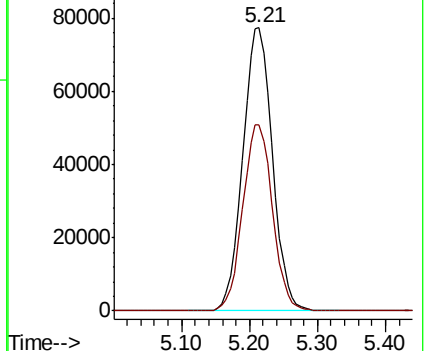
83 100

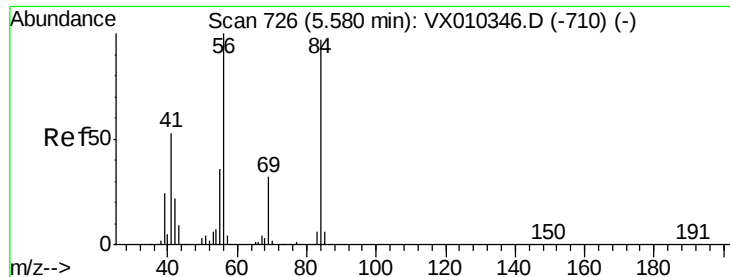
85 66.0 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

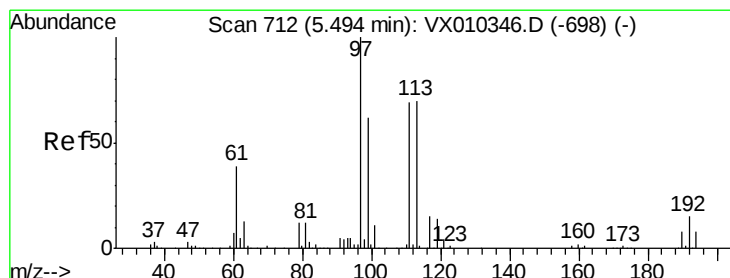
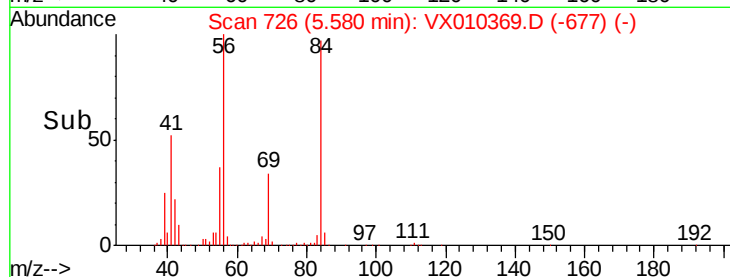
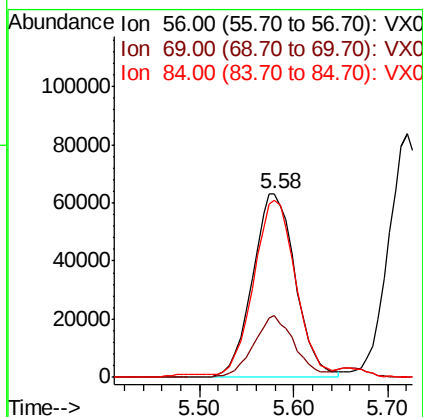
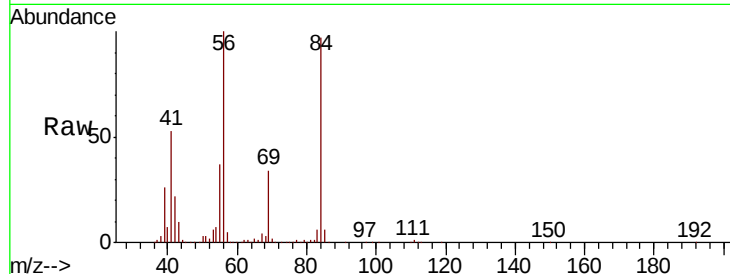




#31
Cyclohexane
Concen: 49.494 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

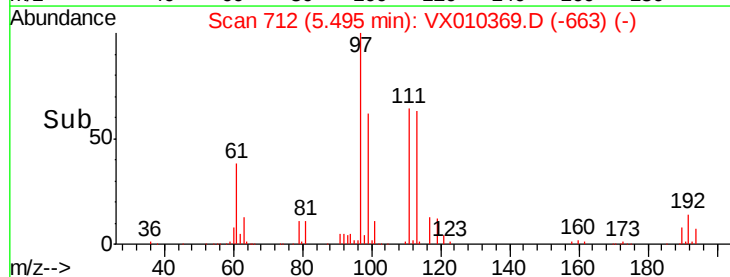
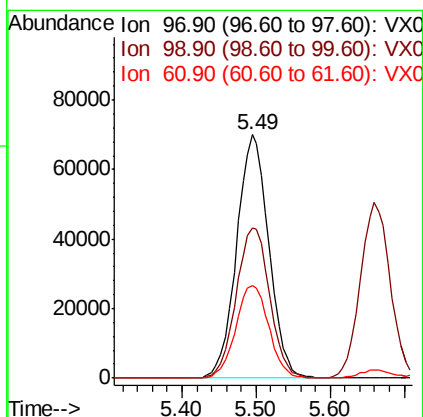
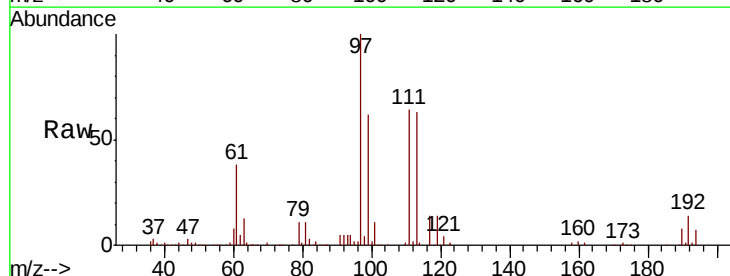
Instrument :
MSVOA_X
ClientSampled :

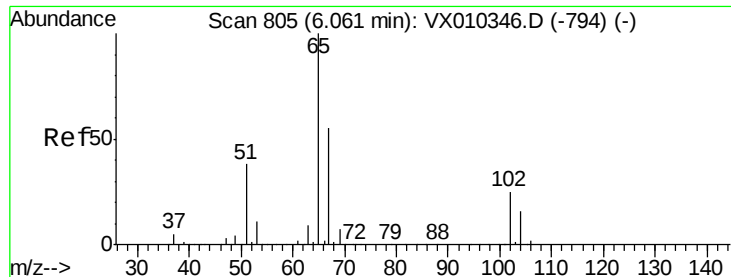
Tot Ion: 56 Resp: 200778
Ion Ratio Lower Upper
56 100
69 33.8 25.9 38.9
84 94.9 78.0 117.0



#32
1,1,1-Trichloroethane
Concen: 50.106 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 97 Resp: 212058
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 39.3 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 46.494 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

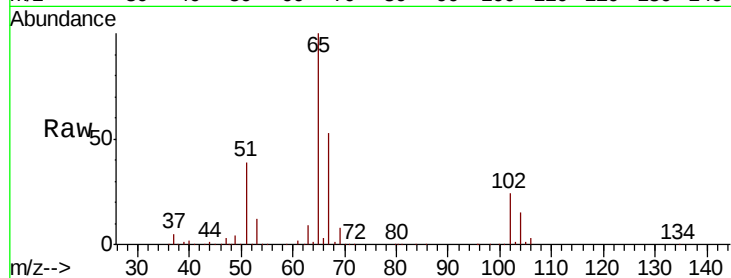
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 65 Resp: 130574

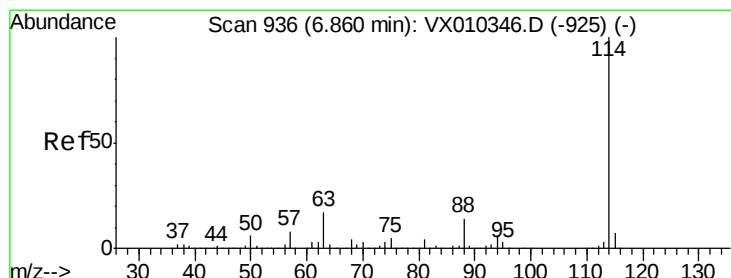
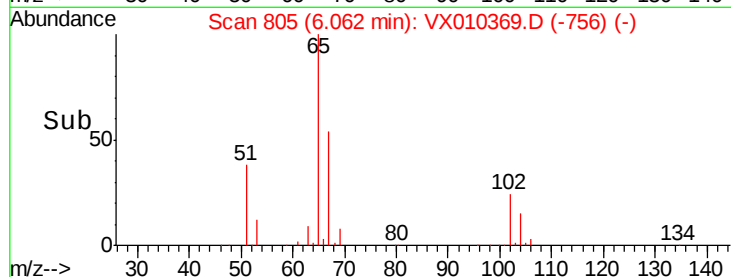
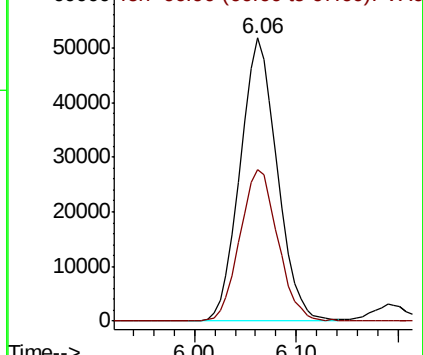
Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

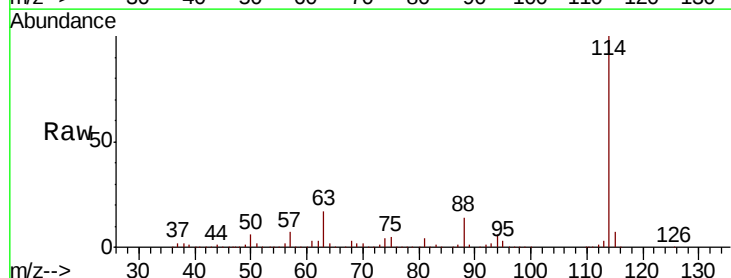
Tgt Ion:114 Resp: 448260

Ion Ratio Lower Upper

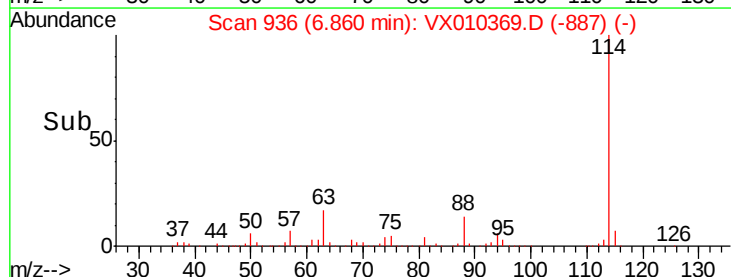
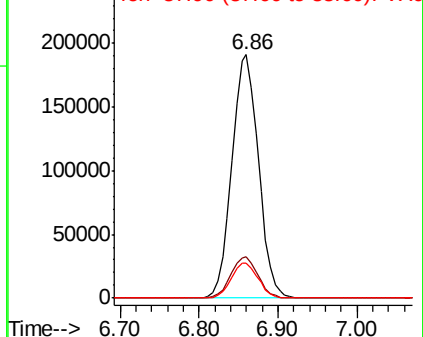
114 100

63 16.8 0.0 33.8

88 14.2 0.0 27.6



Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

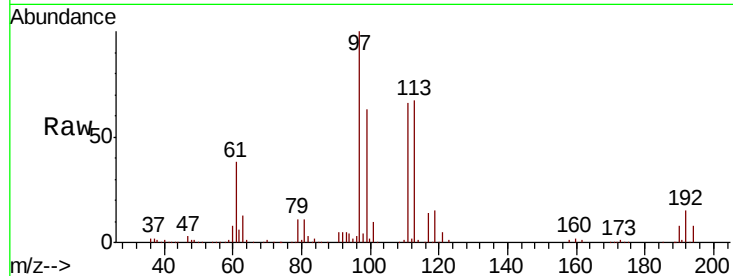




#35
 Dibromofluoromethane
 Concen: 47.584 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.3	81.2	121.8
192	22.9	18.6	27.8

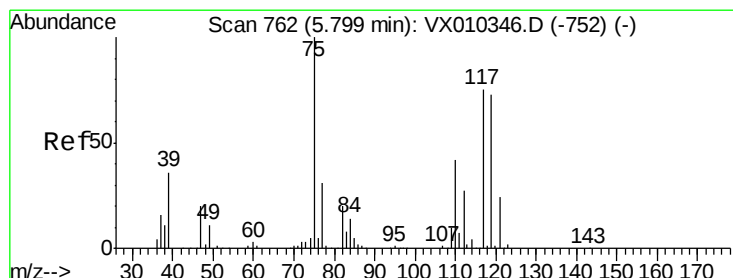
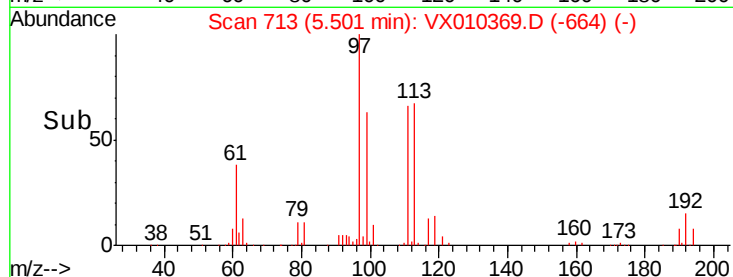
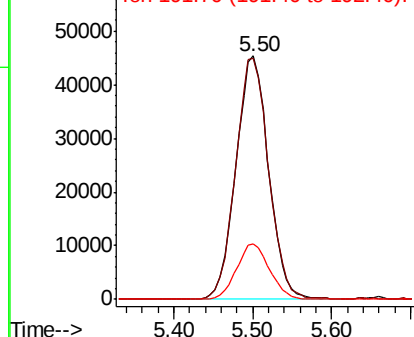


Abundance

Ion 112.80 (112.50 to 113.50): V

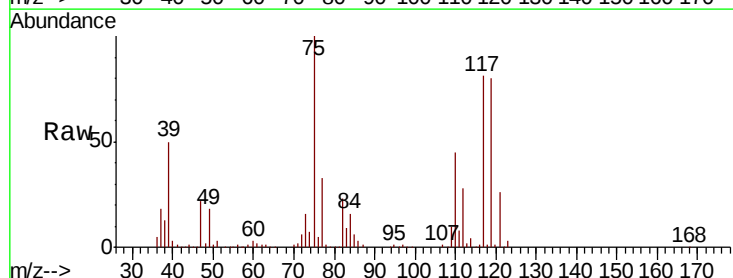
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.443 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.8	20.8	62.2
77	31.9	25.4	38.0

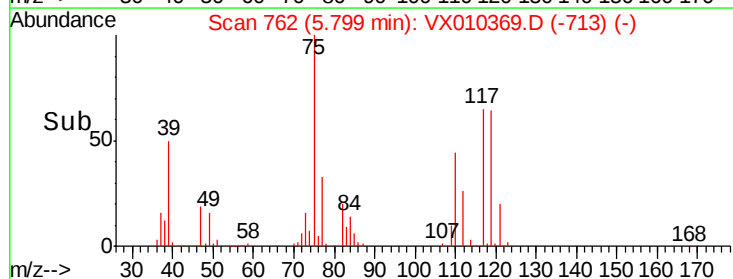
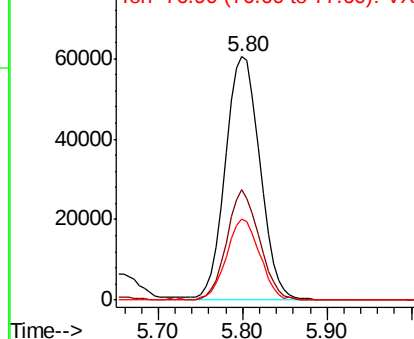


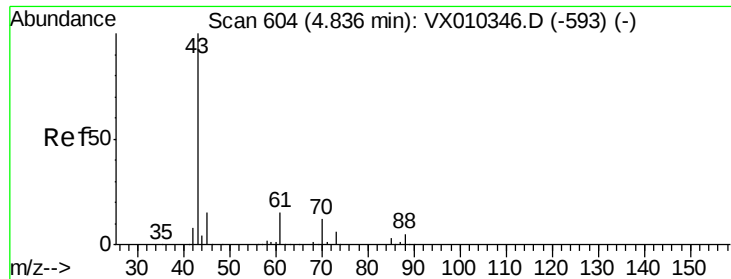
Abundance

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

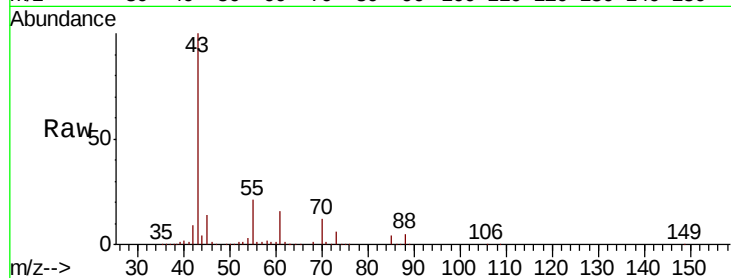




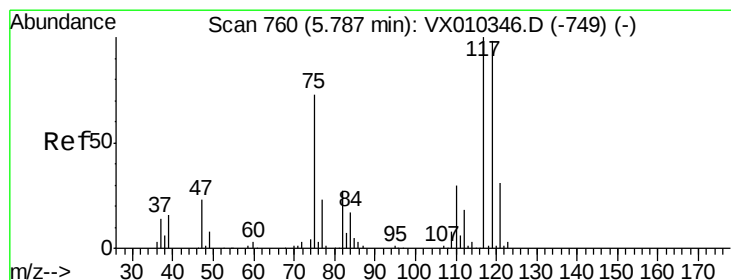
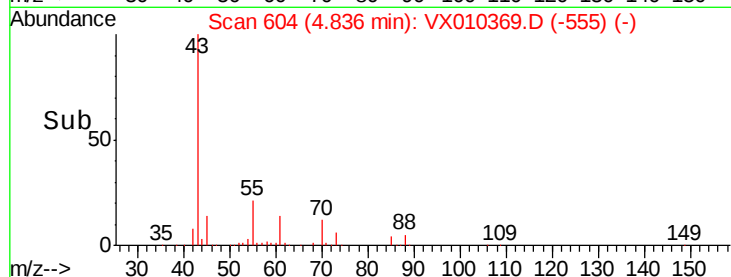
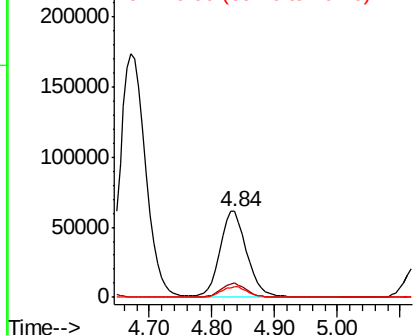
#37
Ethyl Acetate
Concen: 49.452 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 181220
Ion Ratio Lower Upper
43 100
61 15.5 12.4 18.6
70 12.5 9.8 14.8

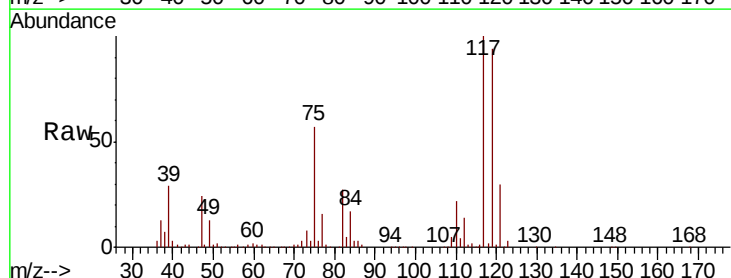


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

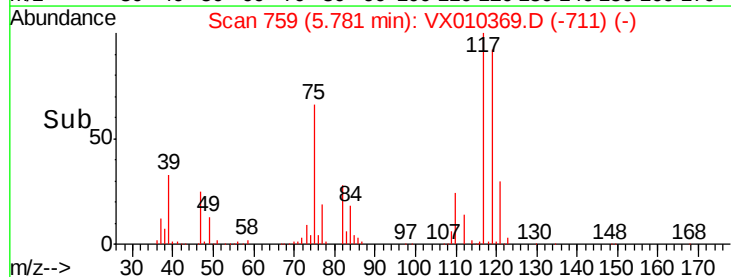
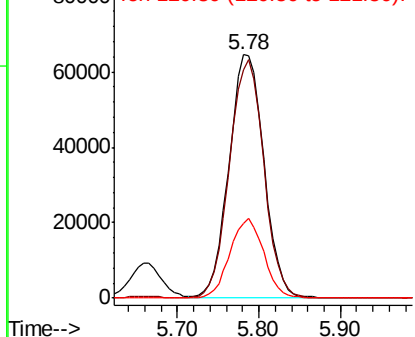


#38
Carbon Tetrachloride
Concen: 49.583 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 117 Resp: 191256
Ion Ratio Lower Upper
117 100
119 93.6 78.2 117.4
121 30.4 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

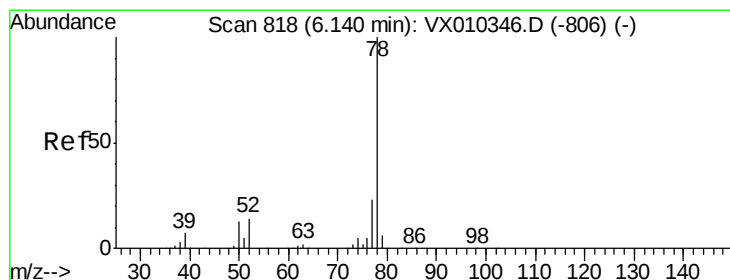
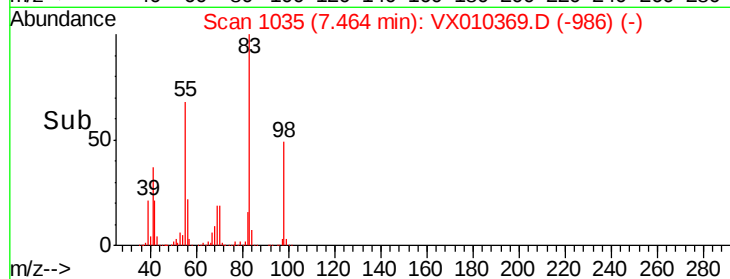
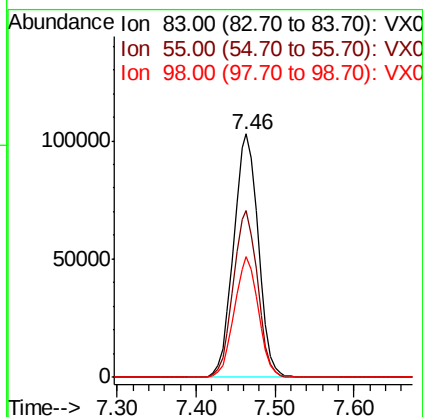
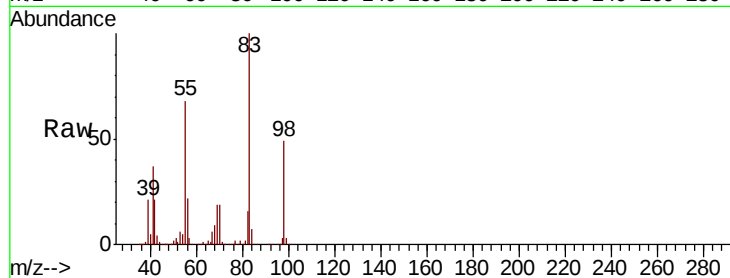




#39
Methvlcvclohexane
Concen: 47.901 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

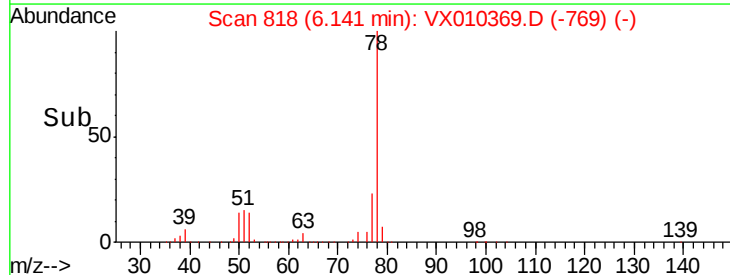
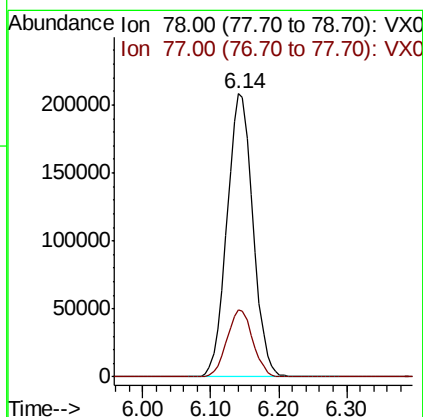
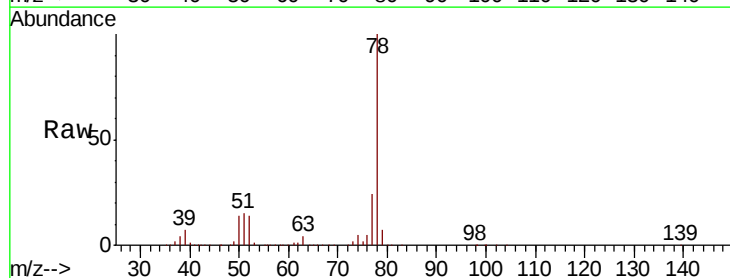
Instrument :
MSVOA_X
ClientSampleId :

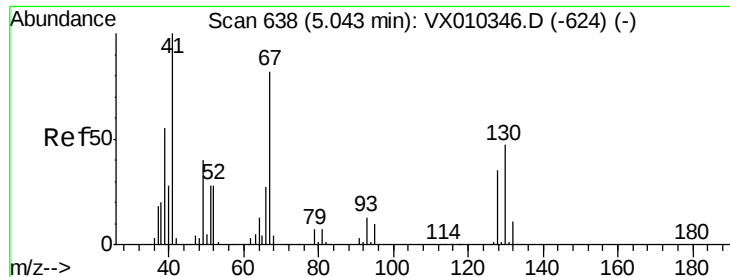
Tot Ion: 83 Resp: 224286
Ion Ratio Lower Upper
83 100
55 68.3 53.0 79.6
98 49.5 37.8 56.8



#40
Benzene
Concen: 49.533 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 78 Resp: 549699
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0





#41

Methacrylonitrile

Concen: 50.513 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 41 Resp: 101565

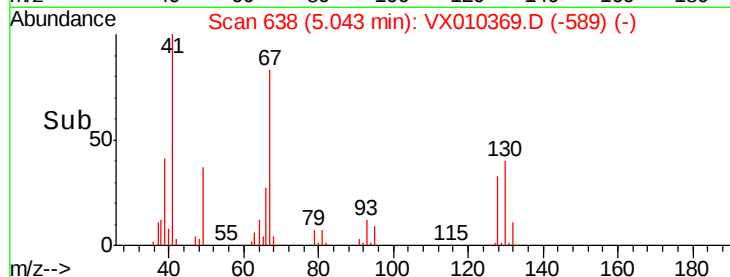
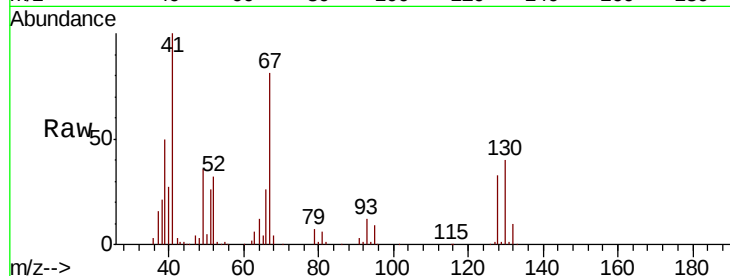
Ion Ratio Lower Upper

41 100

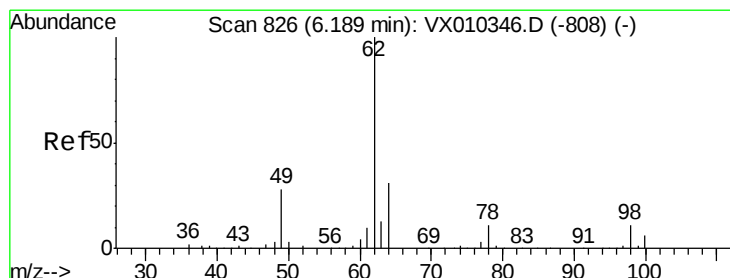
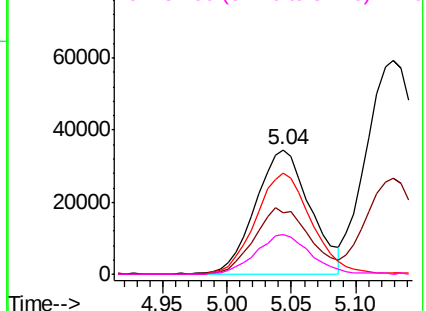
39 53.9 43.8 65.8

67 83.3 66.6 100.0

52 32.8 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: 50.957 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010369.D

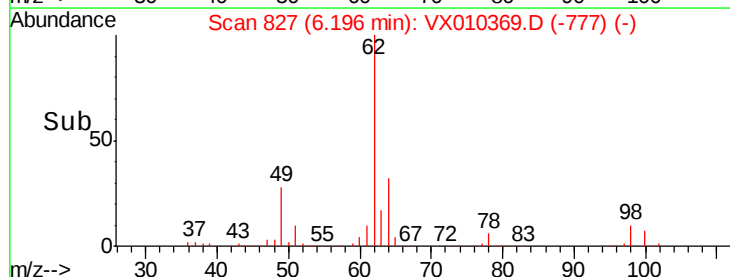
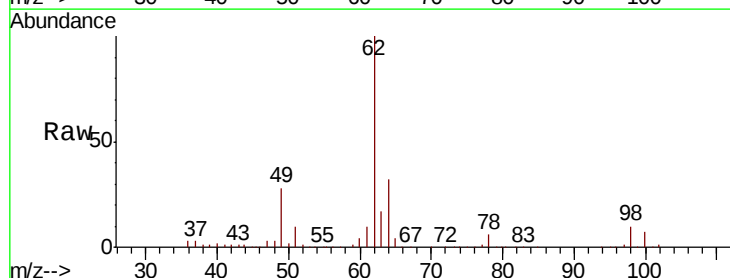
Acq: 20 Jun 2019 19:55

Tgt Ion: 62 Resp: 172139

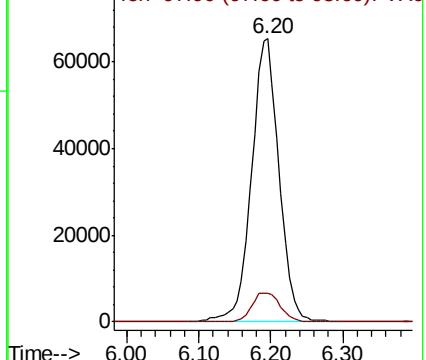
Ion Ratio Lower Upper

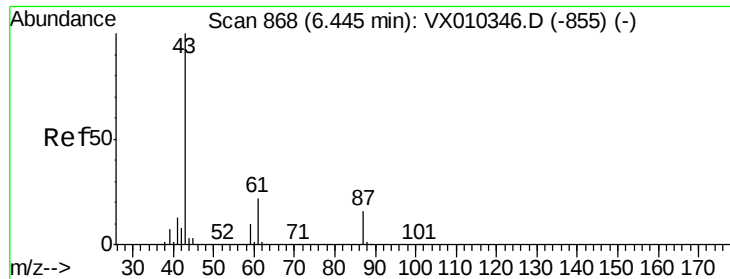
62 100

98 10.8 0.0 22.2



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



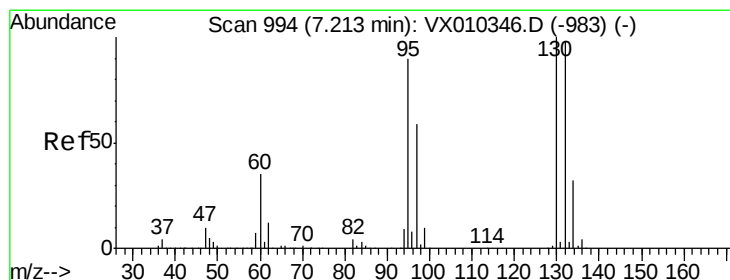
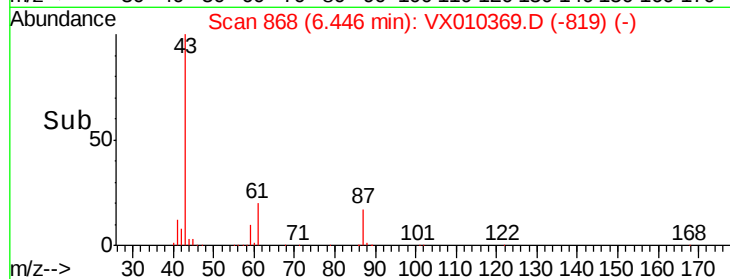
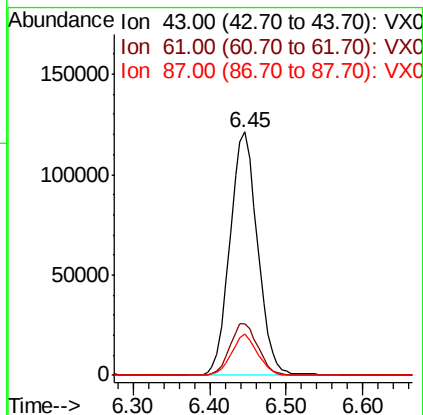
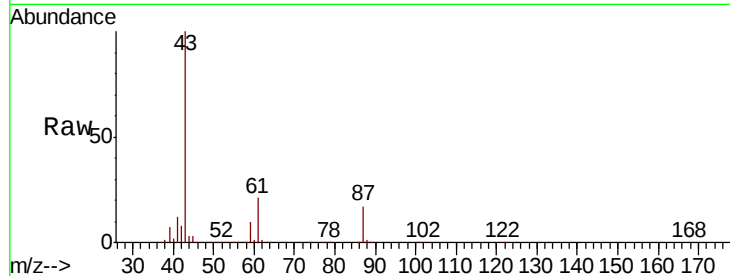


#43

Isopropyl Acetate
 Concen: 49.888 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Instrument :
 MSVOA_X
 ClientSampleId :

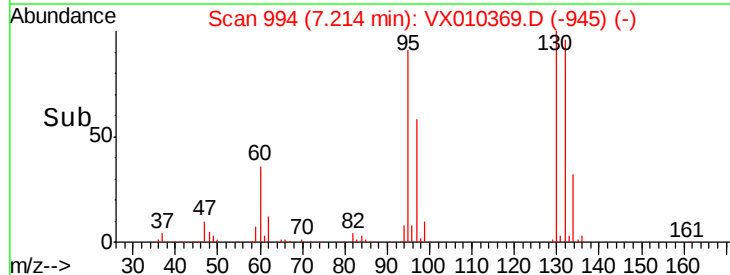
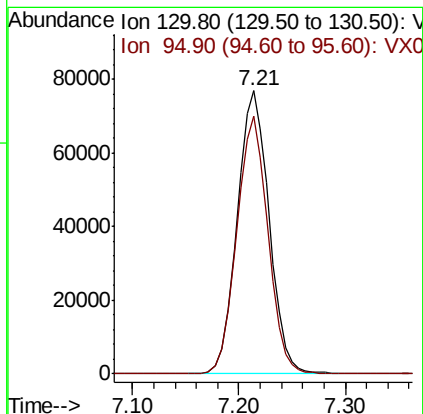
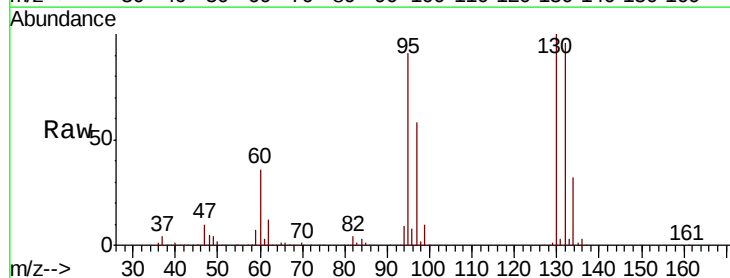
Tot Ion: 43 Resp: 302466
 Ion Ratio Lower Upper
 43 100
 61 21.7 17.8 26.6
 87 16.2 13.0 19.4

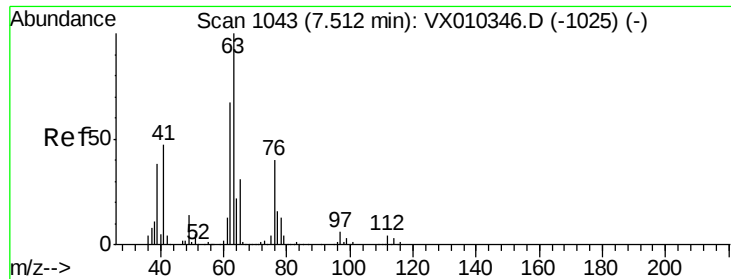


#44

Trichloroethene
 Concen: 48.668 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion:130 Resp: 161614
 Ion Ratio Lower Upper
 130 100
 95 91.2 0.0 180.8





#45

1,2-Dichloropropane

Concen: 49.241 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

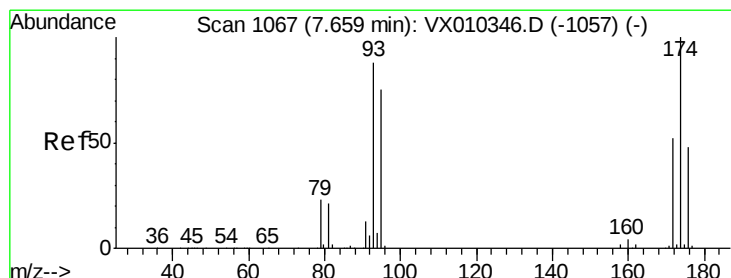
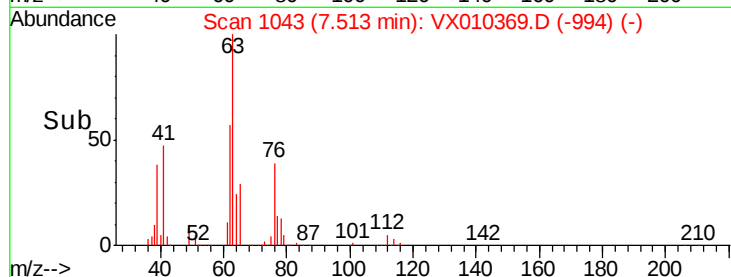
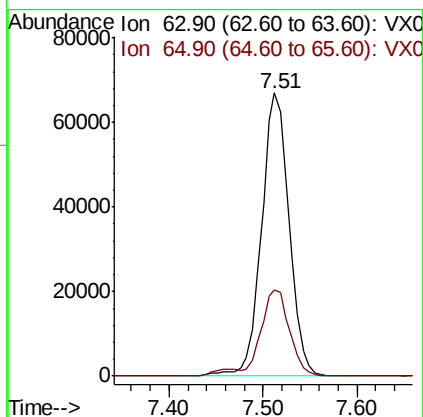
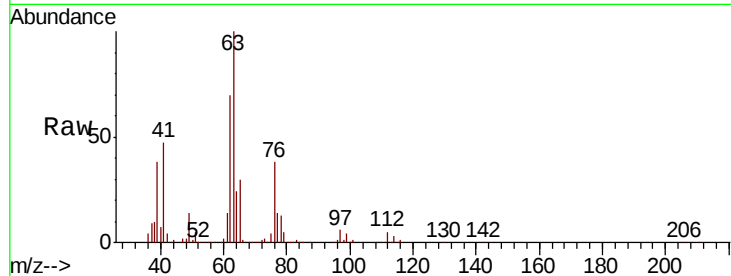
ClientSampleId :

Tot Ion: 63 Resp: 137997

Ion Ratio Lower Upper

63 100

65 30.3 24.8 37.2



#46

Dibromomethane

Concen: 49.942 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

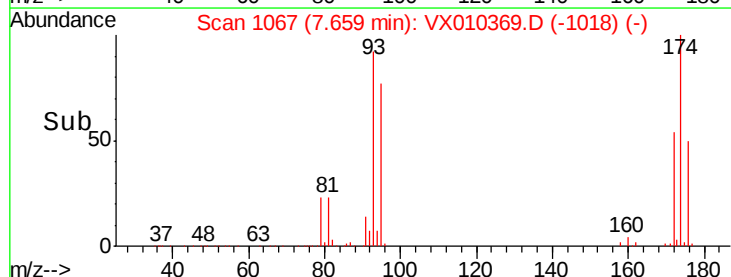
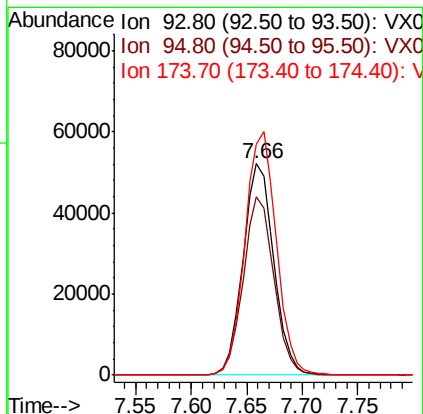
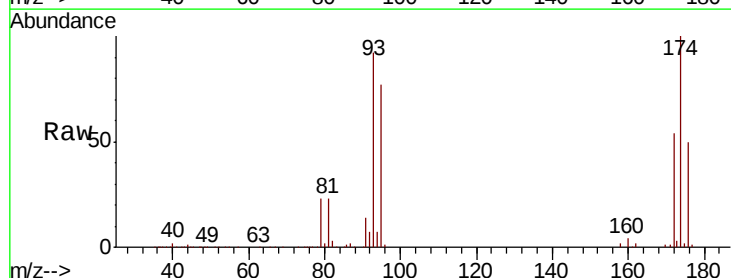
Tgt Ion: 93 Resp: 100418

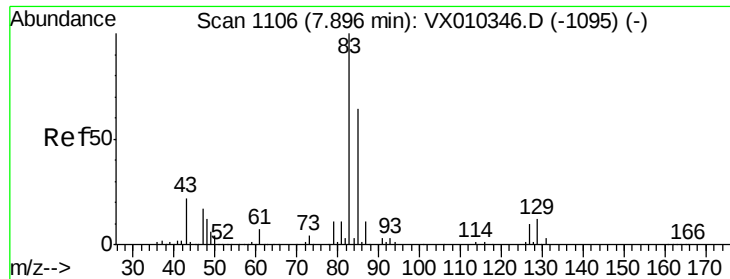
Ion Ratio Lower Upper

93 100

95 84.3 67.5 101.3

174 117.6 95.8 143.6





#47

Bromodichloromethane

Concen: 50.836 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

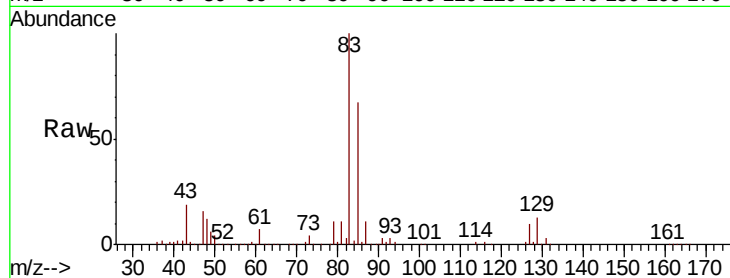
Tot Ion: 83 Resp: 187325

Ion Ratio Lower Upper

83 100

85 66.8 51.5 77.3

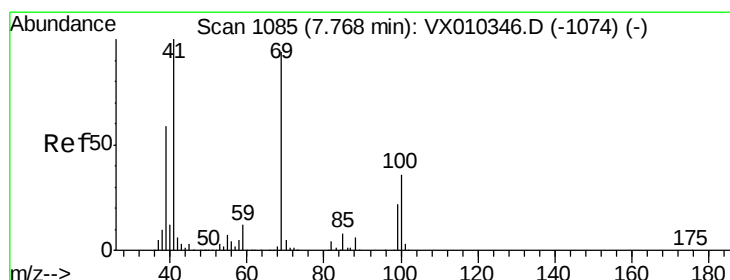
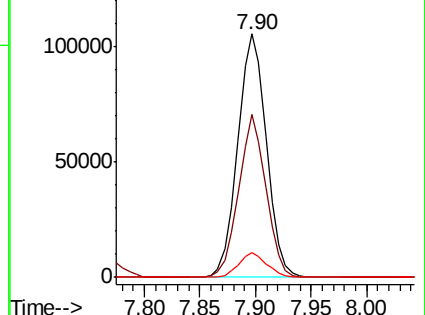
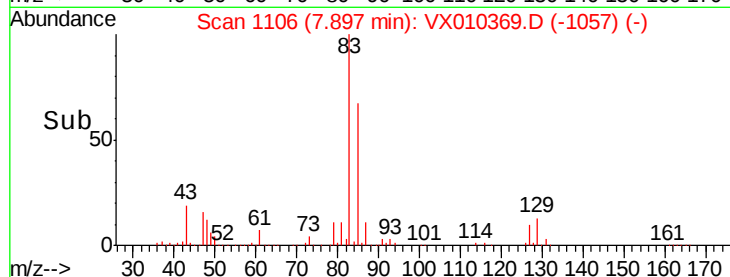
127 10.3 7.8 11.8



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: 52.523 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

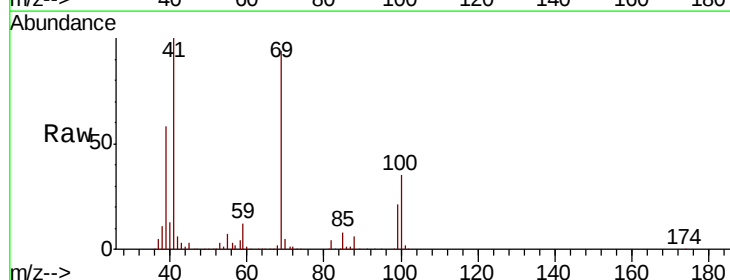
Tgt Ion: 41 Resp: 148017

Ion Ratio Lower Upper

41 100

69 94.5 76.1 114.1

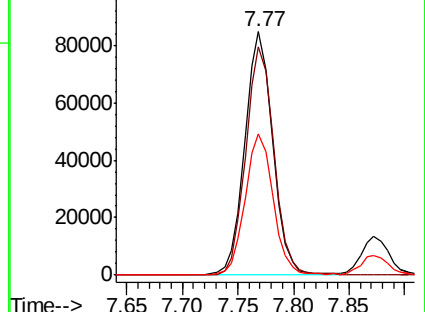
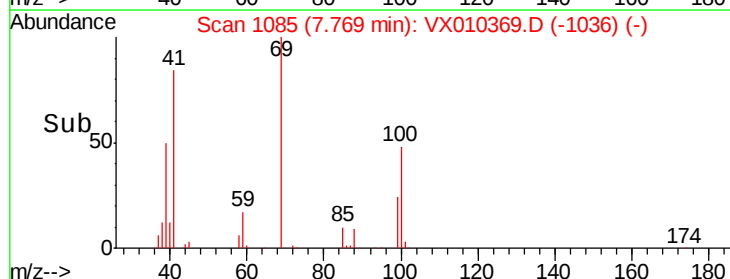
39 57.9 47.6 71.4

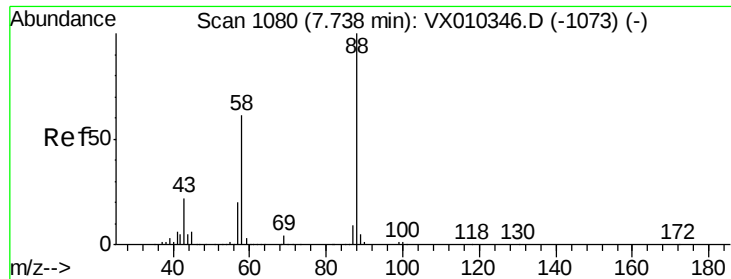


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

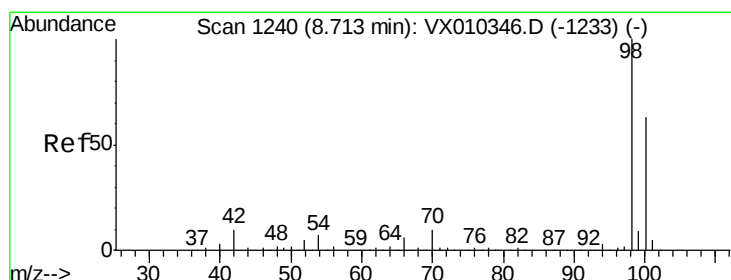
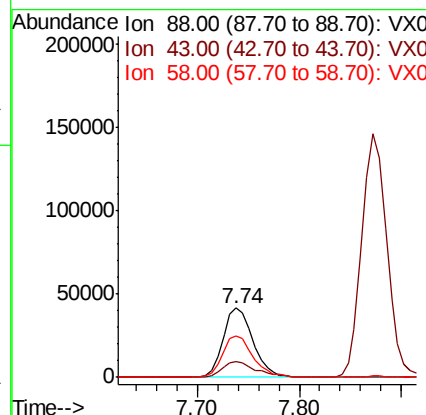
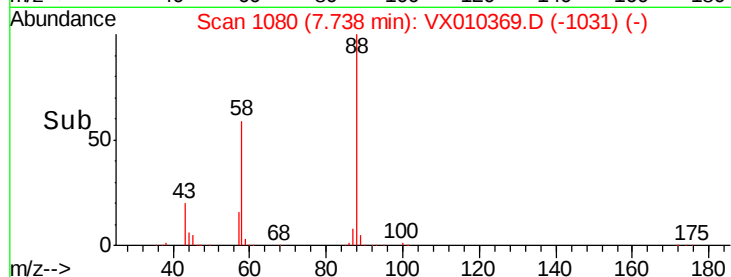
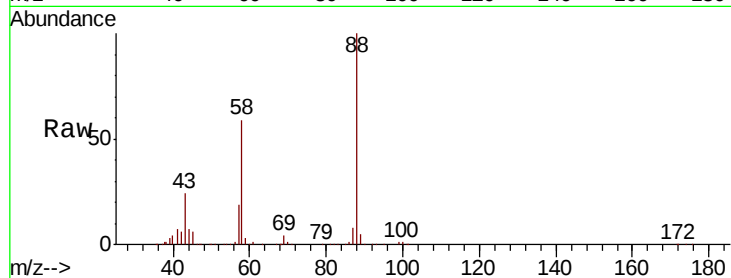




#49
1,4-Dioxane
Concen: 1046.135 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

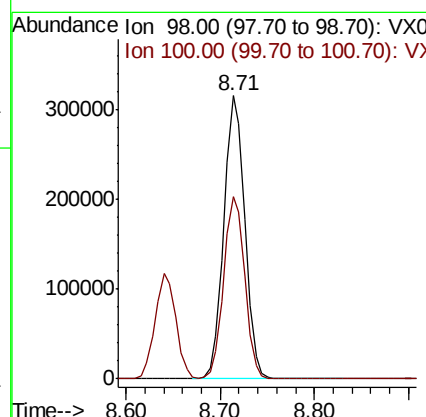
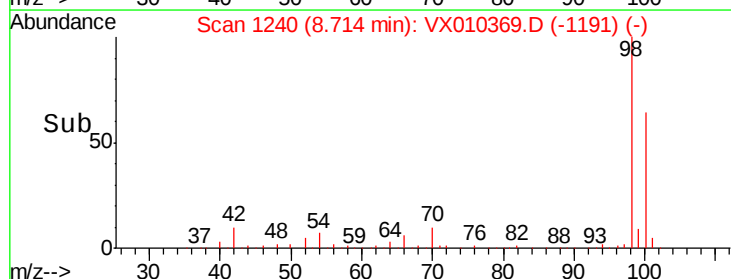
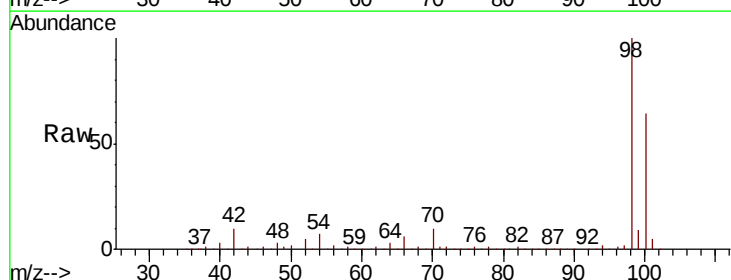
Instrument :
MSVOA_X
ClientSampleId :

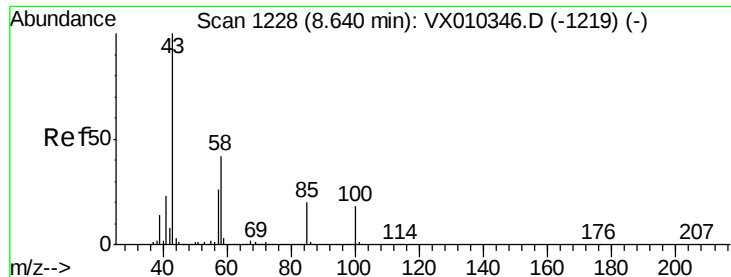
Tot Ion: 88 Resp: 84929
Ion Ratio Lower Upper
88 100
43 25.5 20.2 30.2
58 61.3 49.5 74.3



#50
Toluene-d8
Concen: 46.313 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 98 Resp: 485952
Ion Ratio Lower Upper
98 100
100 64.9 51.6 77.4

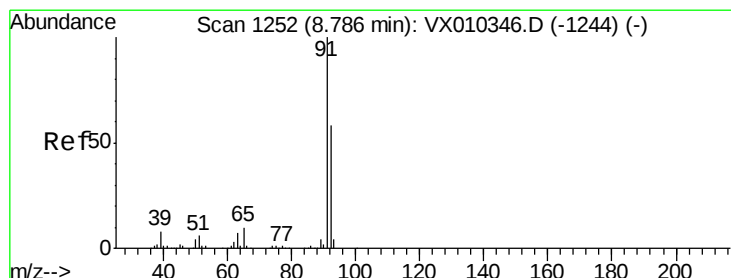
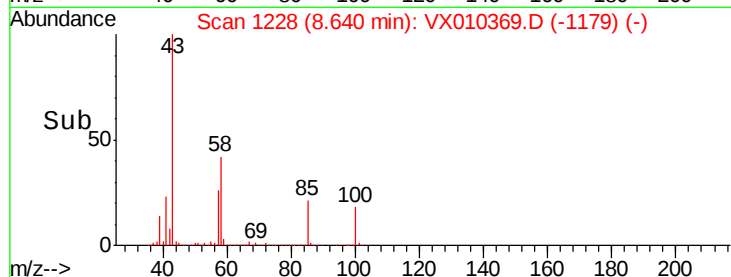
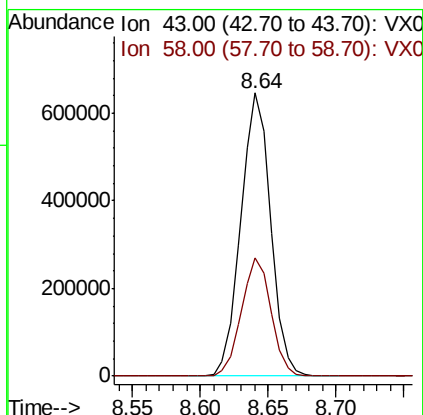
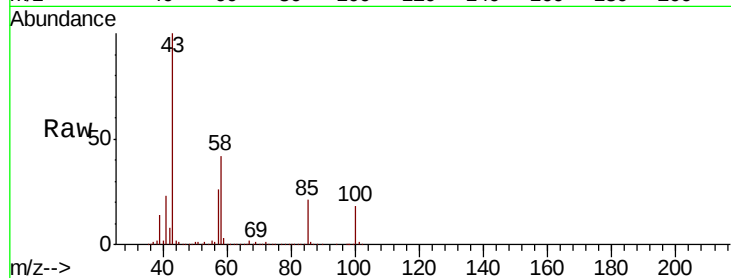




#51
4-Methyl-2-Pentanone
Concen: 255.059 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

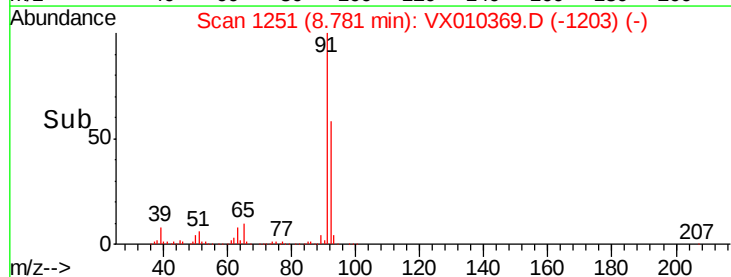
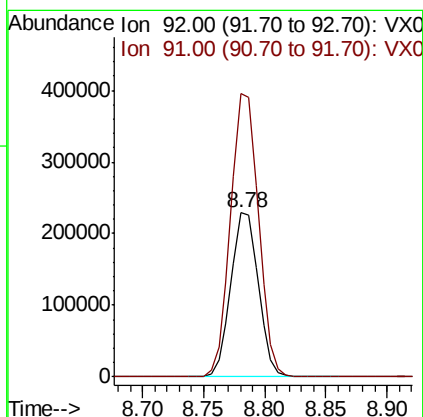
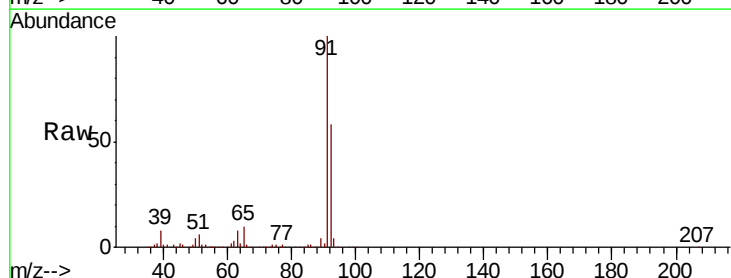
Instrument :
MSVOA_X
ClientSampleId :

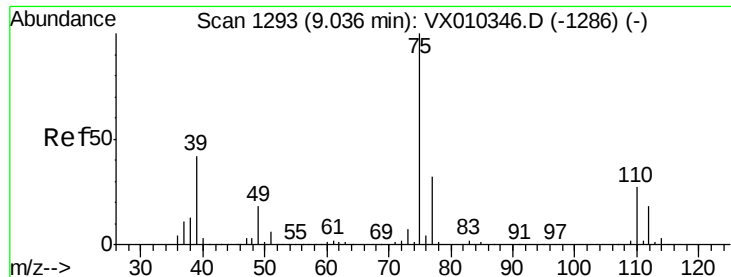
Tot Ion: 43 Resp: 989026
Ion Ratio Lower Upper
43 100
58 41.5 33.5 50.3



#52
Toluene
Concen: 48.862 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 92 Resp: 357093
Ion Ratio Lower Upper
92 100
91 175.1 139.8 209.6

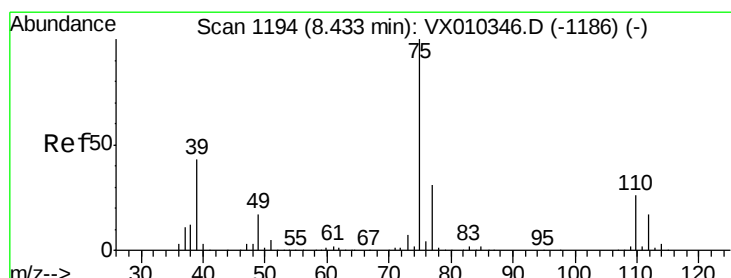
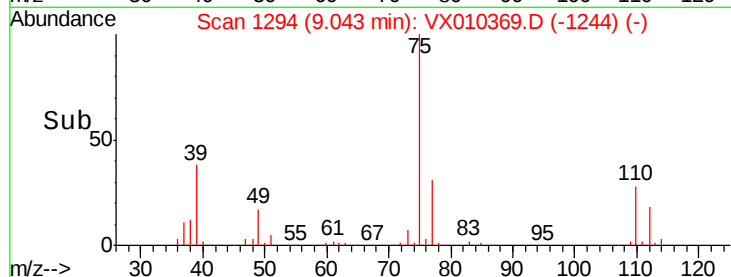
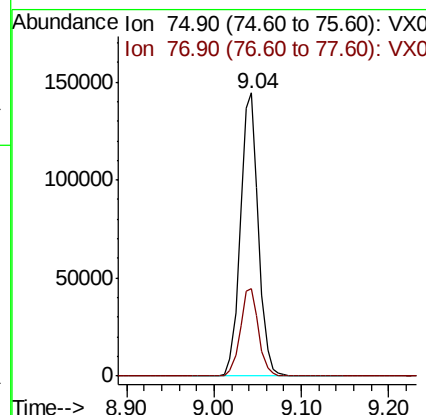
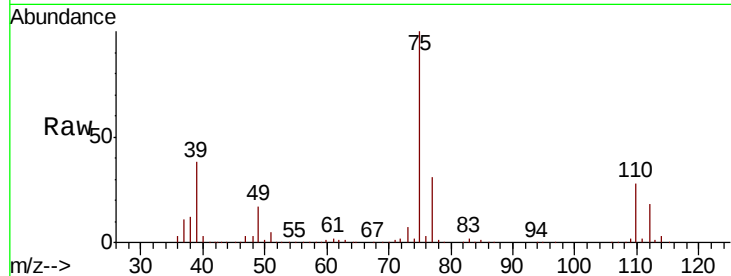




#53
t-1,3-Dichloropropene
Concen: 50.404 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

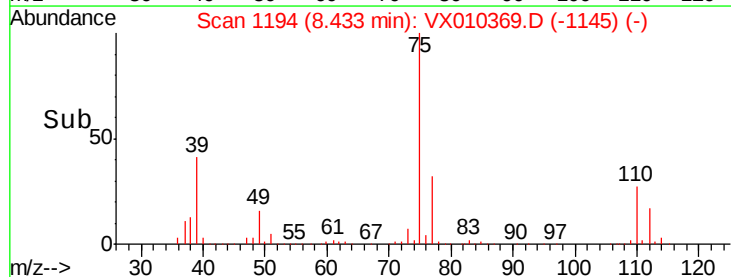
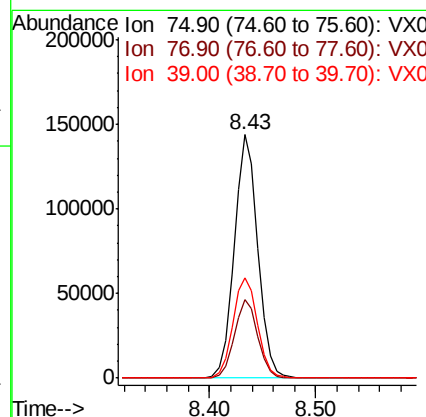
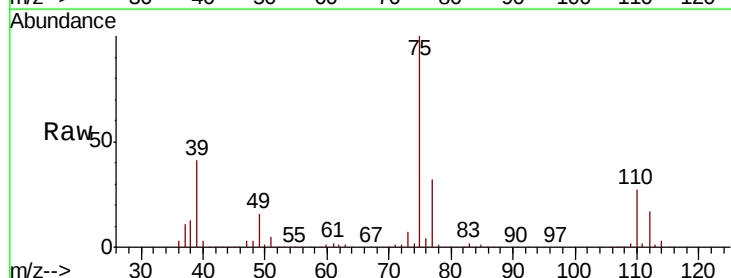
Instrument :
MSVOA_X
ClientSampleId :

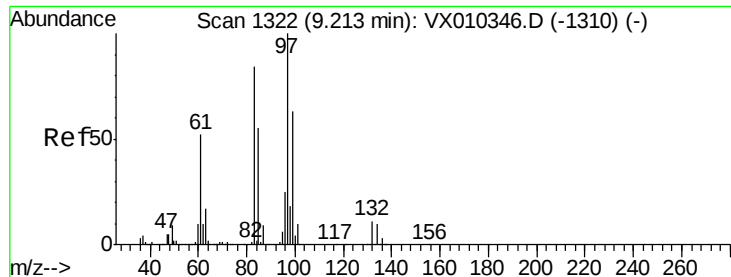
Tot Ion: 75 Resp: 208232
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 49.471 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 75 Resp: 222100
Ion Ratio Lower Upper
75 100
77 32.4 25.2 37.8
39 41.3 34.5 51.7

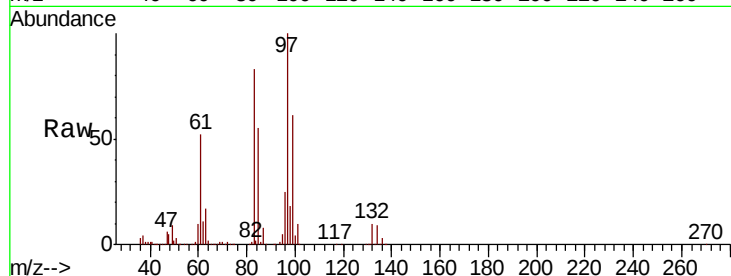




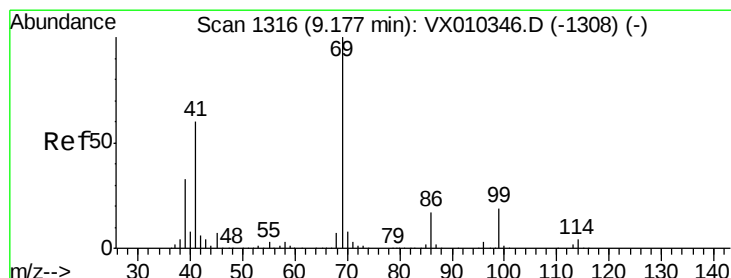
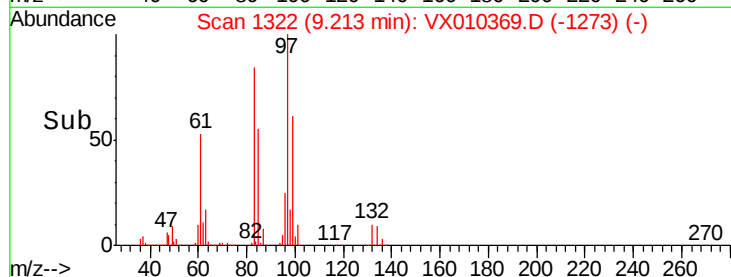
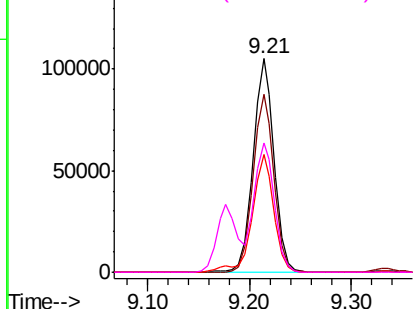
#55
 1,1,2-Trichloroethane
 Concen: 50.139 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 151124
 Ion Ratio Lower Upper
 97 100
 83 83.3 67.4 101.0
 85 55.0 43.8 65.8
 99 60.5 50.3 75.5

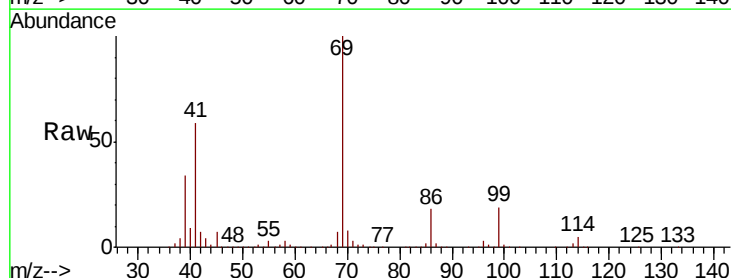


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

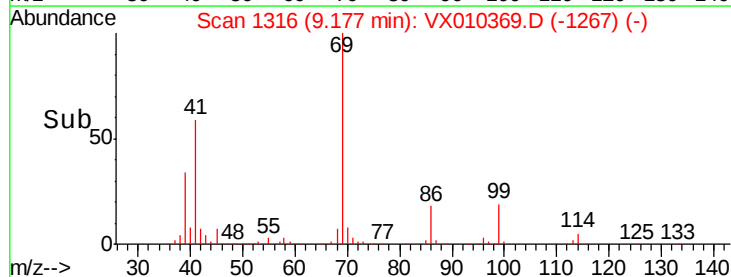
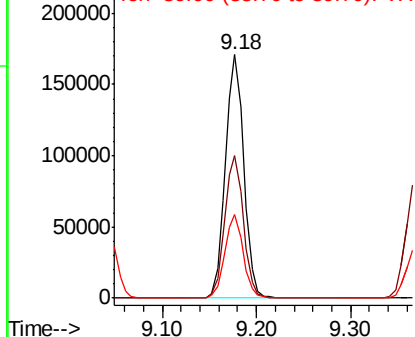


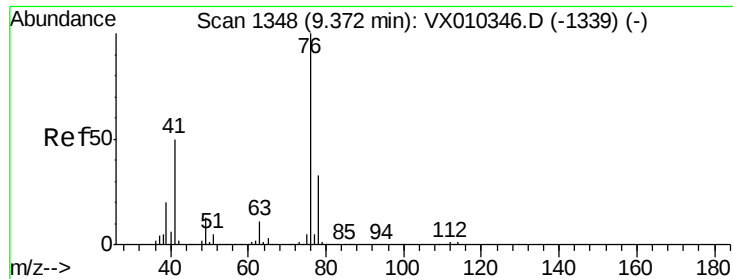
#56
 Ethyl methacrylate
 Concen: 50.717 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion: 69 Resp: 231571
 Ion Ratio Lower Upper
 69 100
 41 58.8 47.1 70.7
 39 33.8 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: 49.515 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

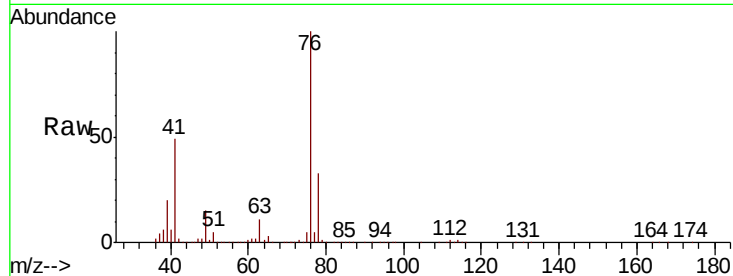
ClientSampleId :

Tot Ion: 76 Resp: 231667

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

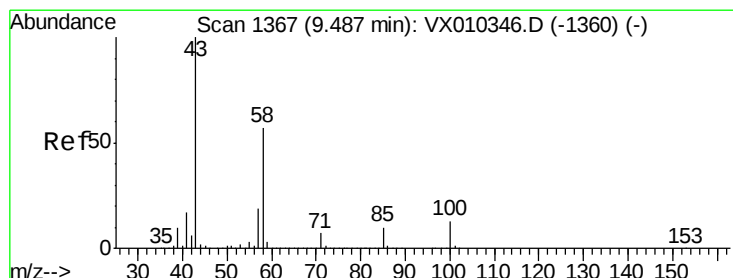
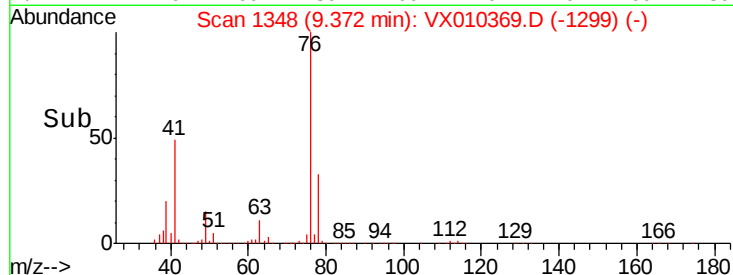
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#59

2-Hexanone

Concen: 244.888 ug/l

RT: 9.49 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VX010369.D

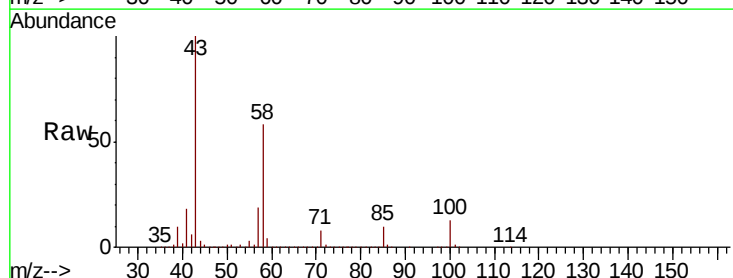
Acq: 20 Jun 2019 19:55

Tgt Ion: 43 Resp: 747359

Ion Ratio Lower Upper

43 100

58 58.1 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.49

600000

500000

400000

300000

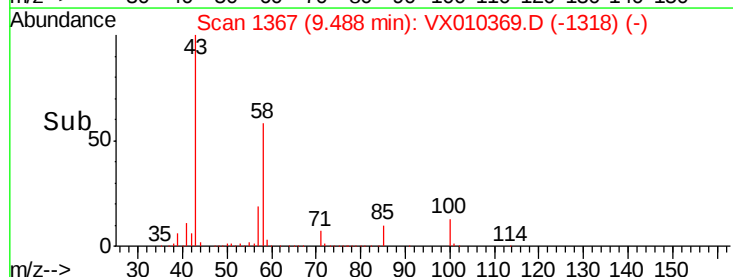
200000

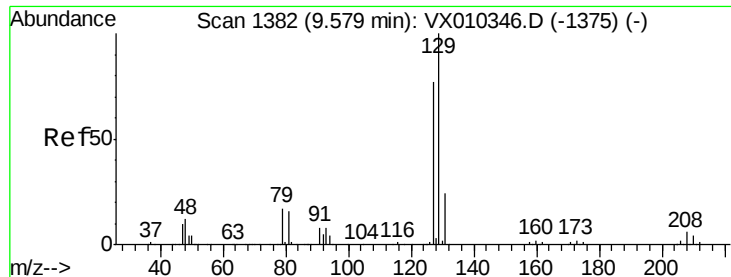
100000

0

9.40 9.50 9.60

Time-->





#60

Dibromochloromethane

Concen: 50.662 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

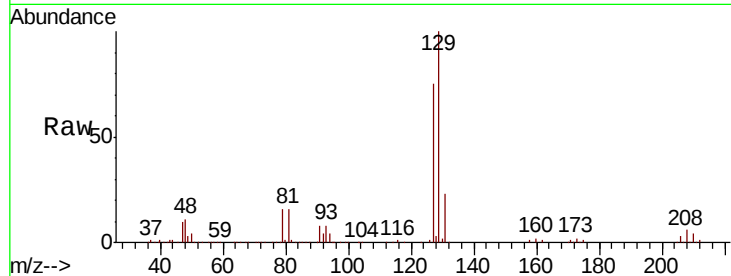
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:129 Resp: 170973

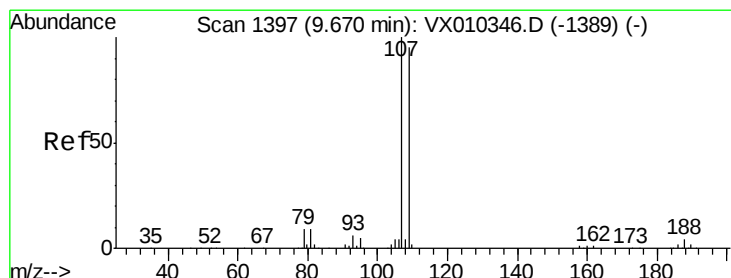
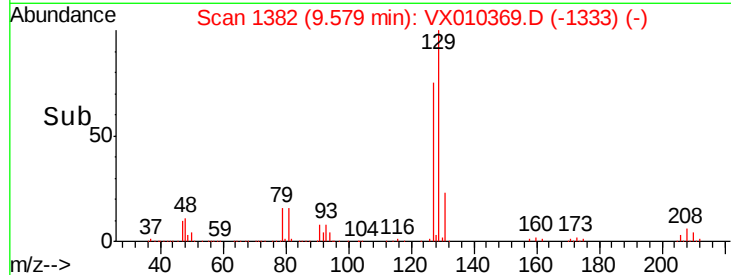
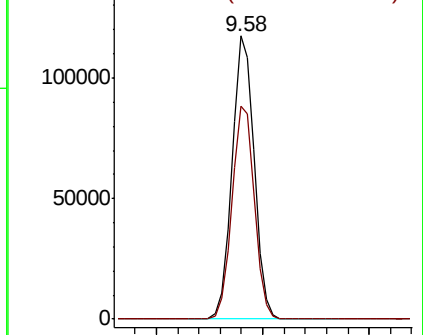
Ion Ratio Lower Upper

129 100

127 76.4 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 49.243 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010369.D

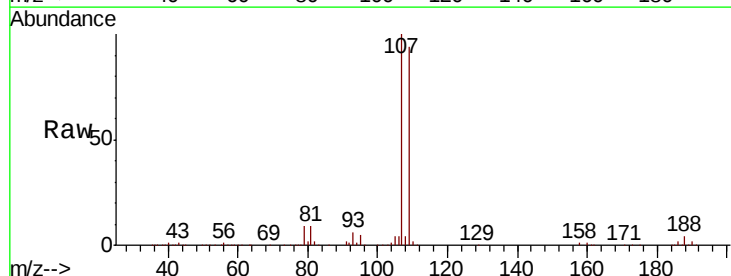
Acq: 20 Jun 2019 19:55

Tgt Ion:107 Resp: 160205

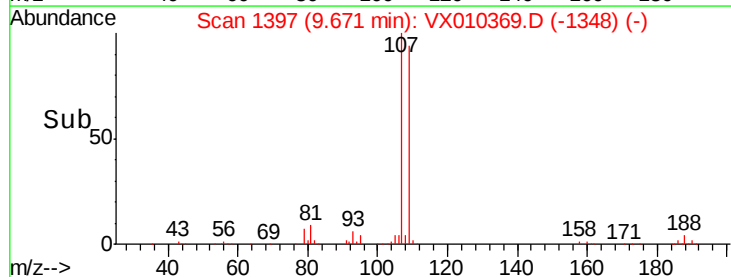
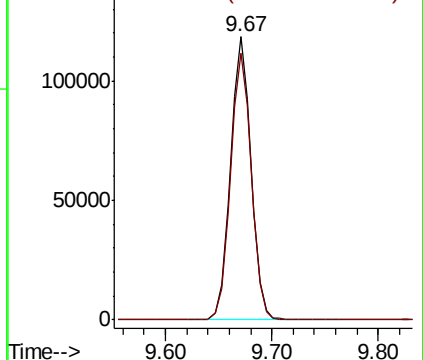
Ion Ratio Lower Upper

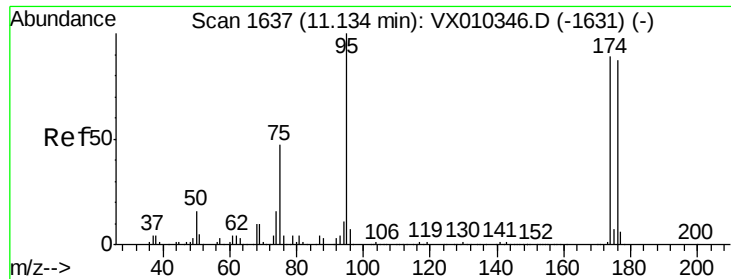
107 100

109 95.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 46.018 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

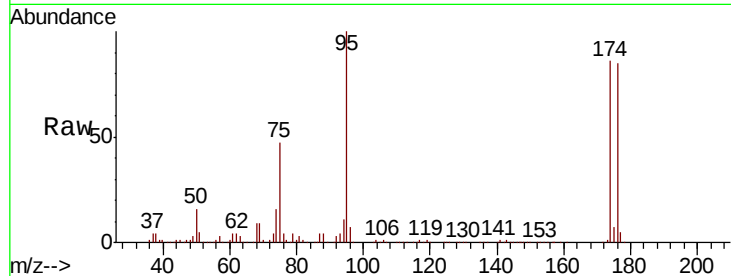
Tot Ion: 95 Resp: 174325

Ion Ratio Lower Upper

95 100

174 92.7 0.0 187.6

176 91.6 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)

11.13

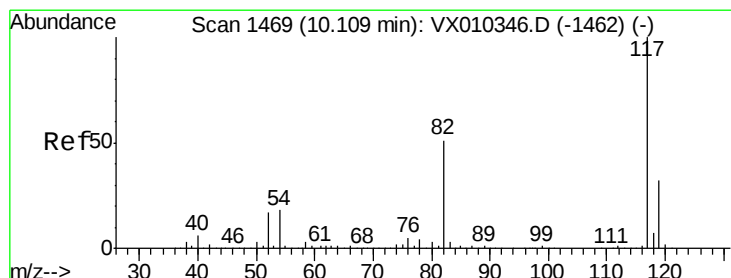
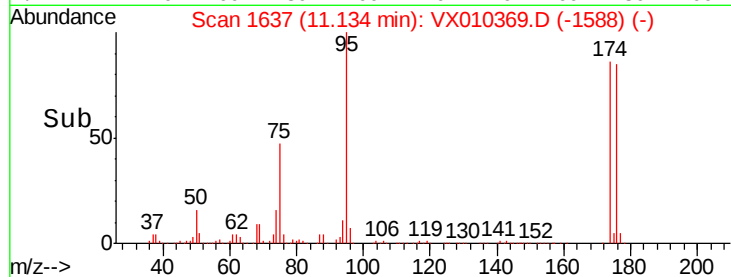
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

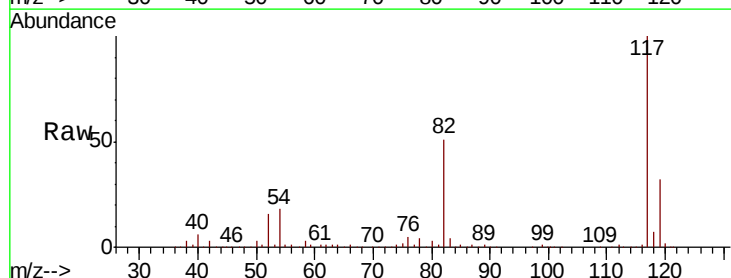
Tgt Ion: 117 Resp: 402741

Ion Ratio Lower Upper

117 100

82 51.2 41.2 61.8

119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

10.11

400000

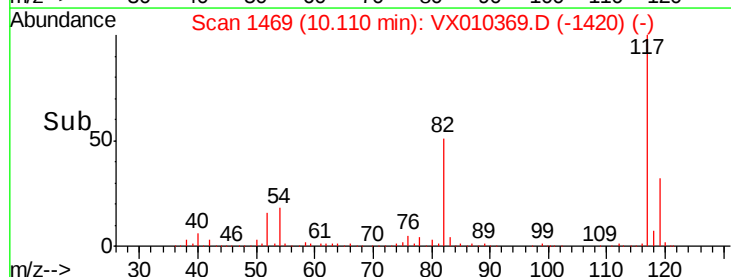
300000

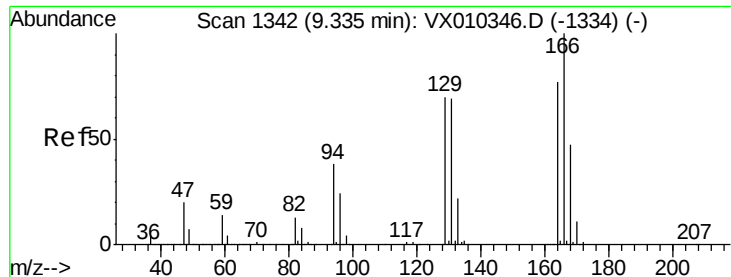
200000

100000

0

Time-->





#64

Tetrachloroethene

Concen: 43.400 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 141375

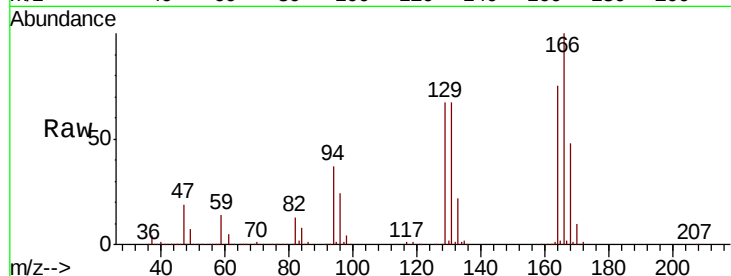
Ion Ratio Lower Upper

164 100

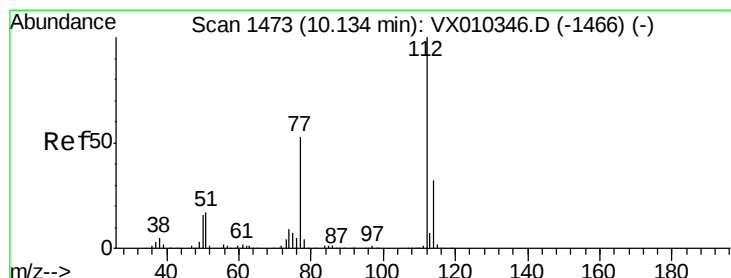
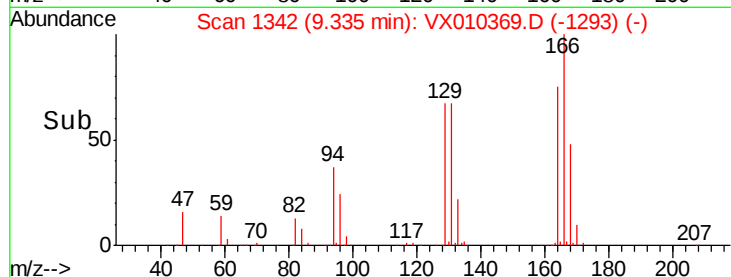
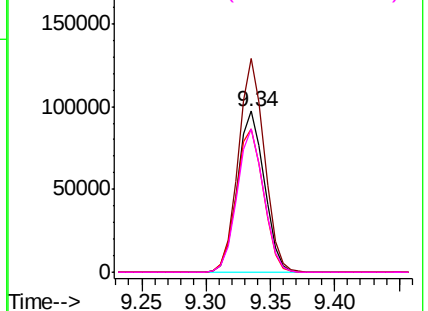
166 132.7 103.6 155.4

129 88.9 73.0 109.4

131 89.1 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
200000 Ion 165.80 (165.50 to 166.50): V
150000 Ion 128.80 (128.50 to 129.50): V
100000 Ion 130.80 (130.50 to 131.50): V
50000
0



#65

Chlorobenzene

Concen: 48.651 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010369.D

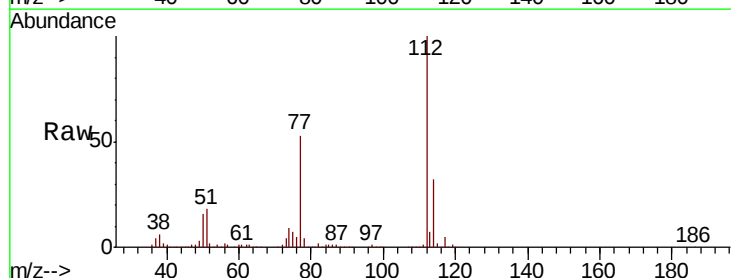
Acq: 20 Jun 2019 19:55

Tgt Ion:112 Resp: 397789

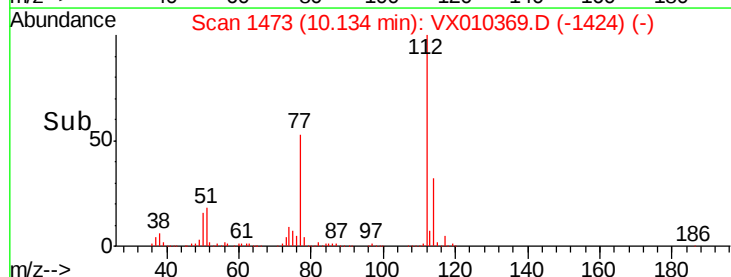
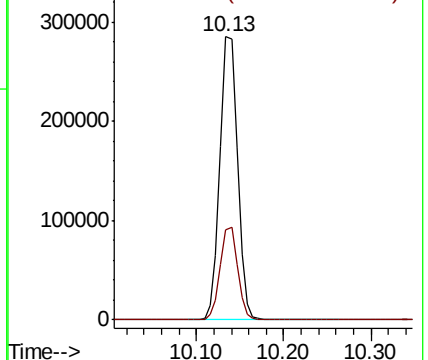
Ion Ratio Lower Upper

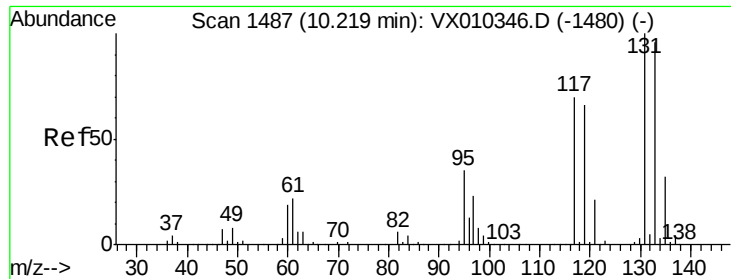
112 100

114 32.0 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
300000 Ion 113.90 (113.60 to 114.60): V
200000
100000
0

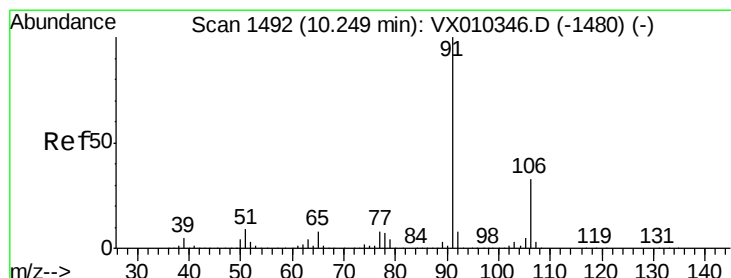
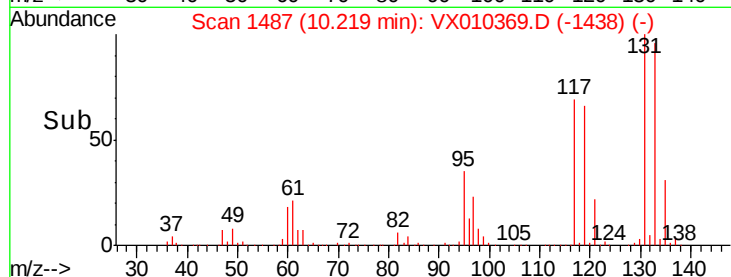
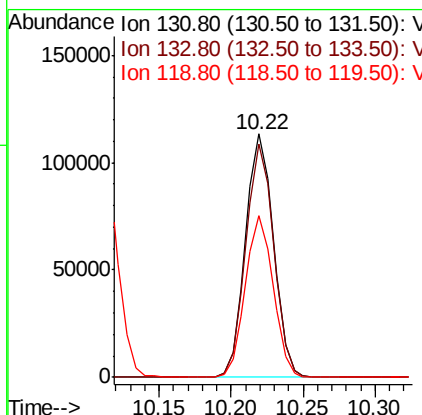
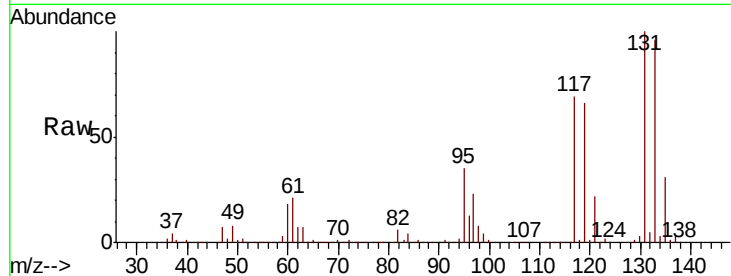




#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.200 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

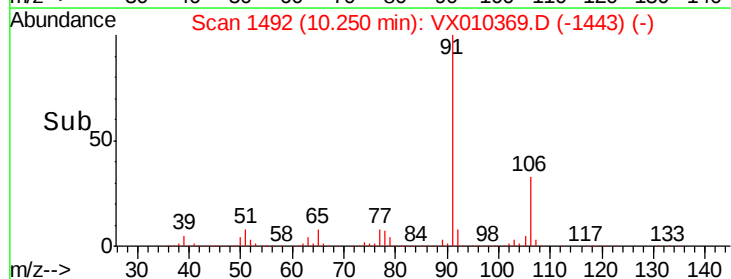
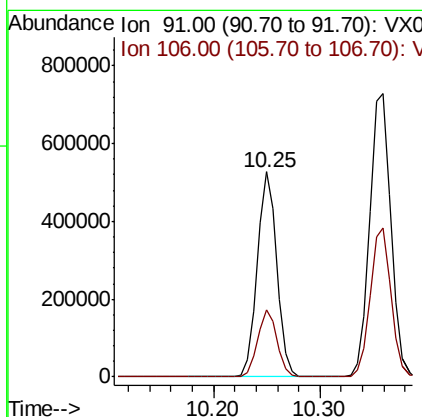
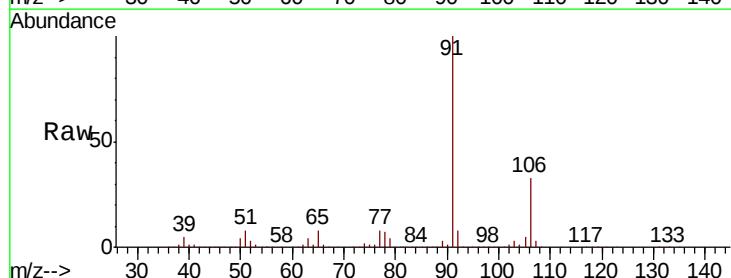
Instrument :
 MSVOA_X
 ClientSampleId :

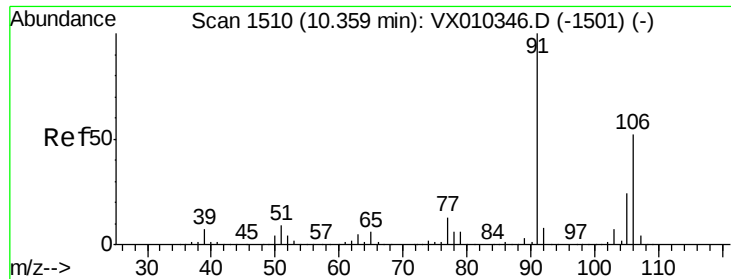
Tot Ion:131 Resp: 152488
 Ion Ratio Lower Upper
 131 100
 133 95.6 47.7 143.1
 119 66.1 32.6 97.7



#67
 Ethyl Benzene
 Concen: 49.105 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion: 91 Resp: 677828
 Ion Ratio Lower Upper
 91 100
 106 32.9 26.2 39.2

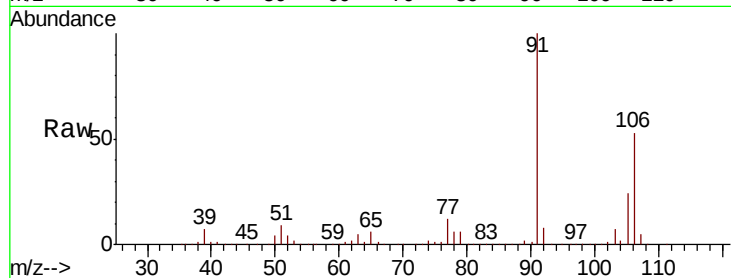




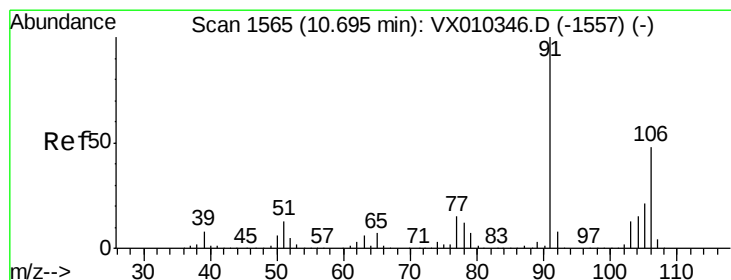
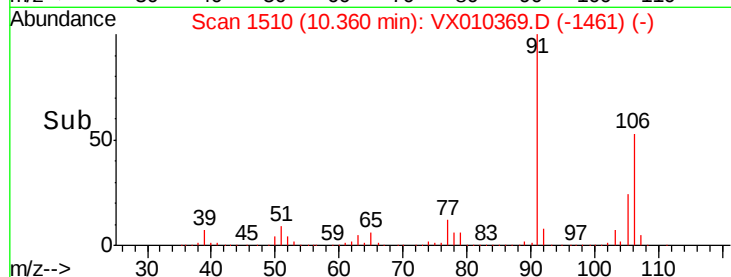
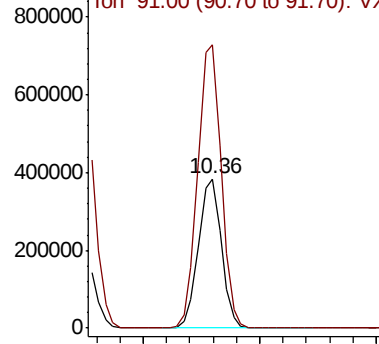
#68
m/p-Xylenes
Concen: 98.162 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 525025
Ion Ratio Lower Upper
106 100
91 193.8 155.3 232.9

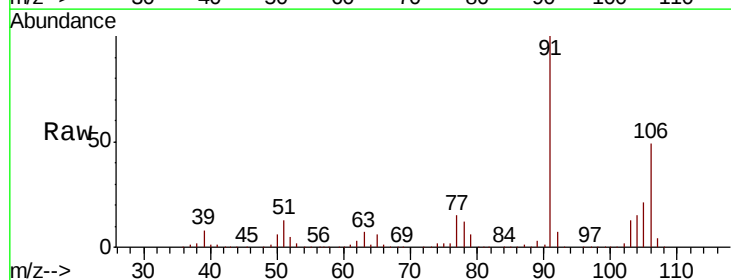


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

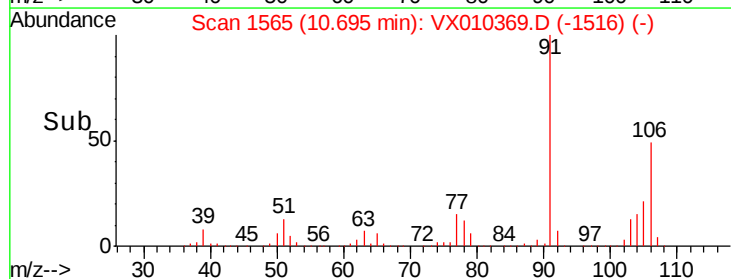
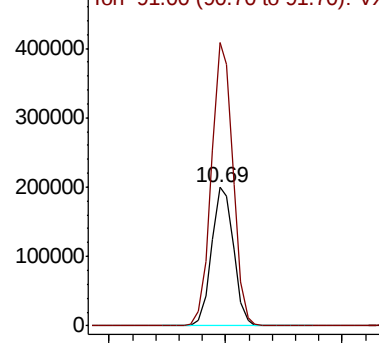


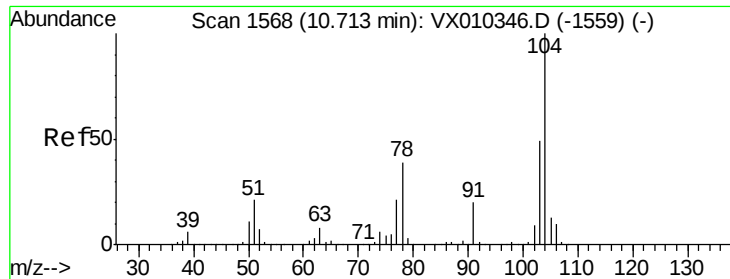
#69
o-Xylene
Concen: 49.745 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion:106 Resp: 261647
Ion Ratio Lower Upper
106 100
91 200.7 102.7 308.1



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





#70

Stvrene

Concen: 49.868 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

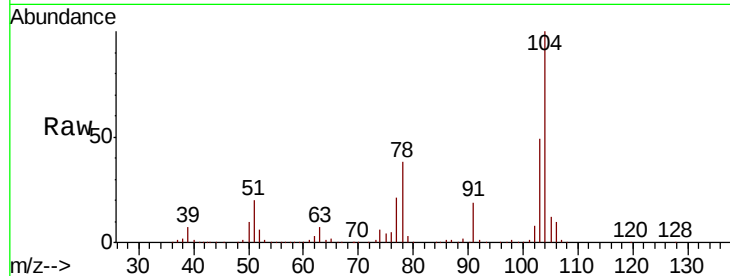
Tot Ion:104 Resp: 439878

Ion Ratio Lower Upper

104 100

78 44.7 36.2 54.2

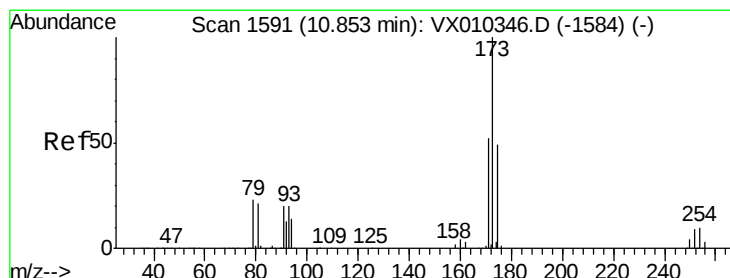
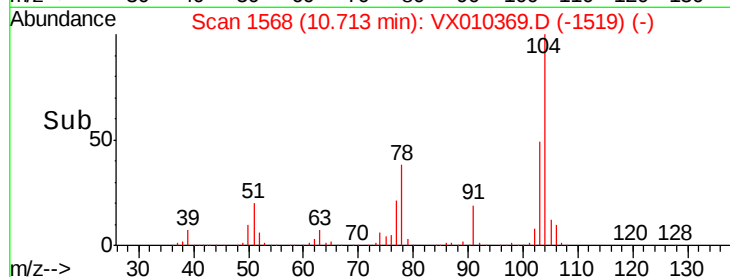
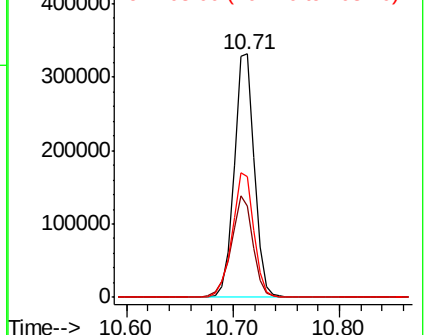
103 55.0 44.2 66.4



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: 52.763 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

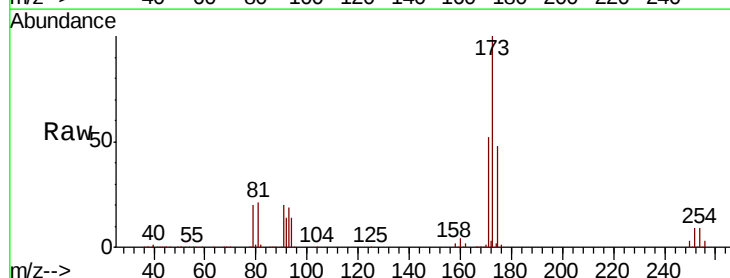
Tgt Ion:173 Resp: 136654

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.3

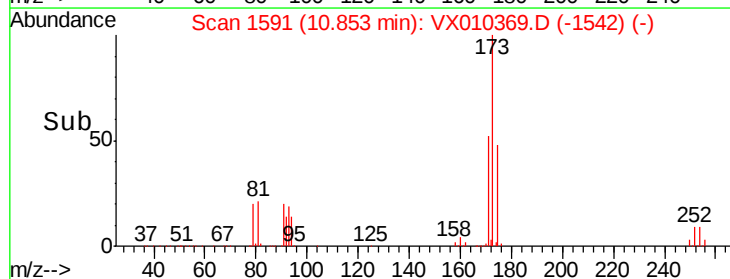
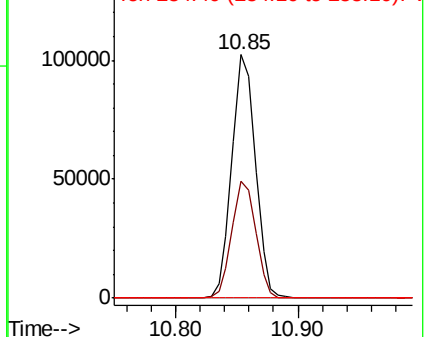
254 0.2 0.2 0.2

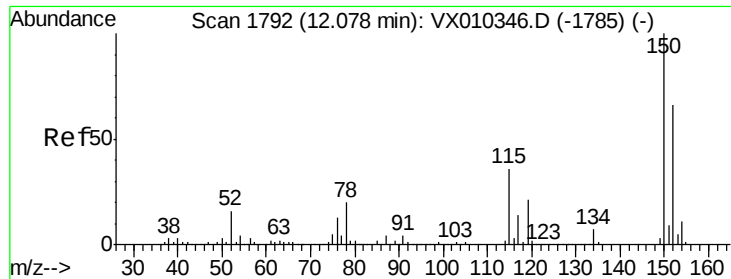


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

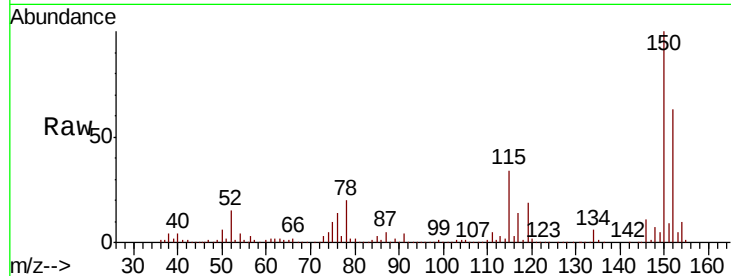
Tot Ion:152 Resp: 205628

Ion Ratio Lower Upper

152 100

115 76.7 38.6 115.7

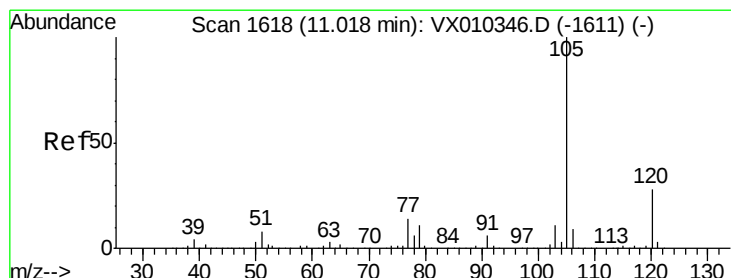
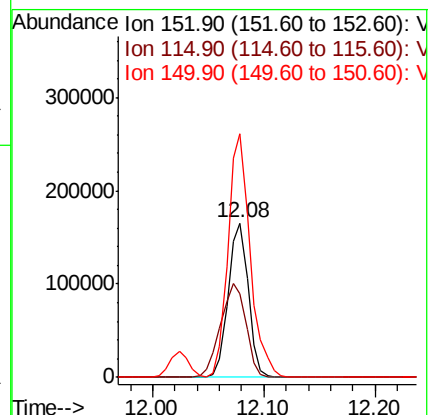
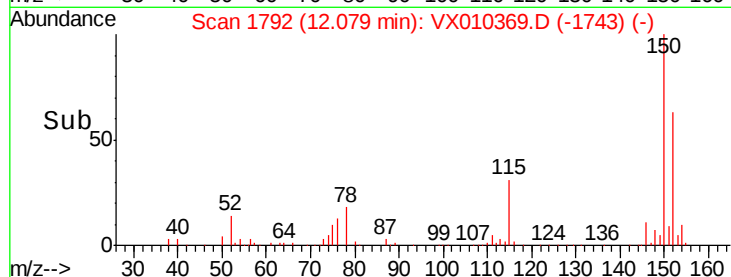
150 173.4 0.0 347.4



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: 48.764 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010369.D

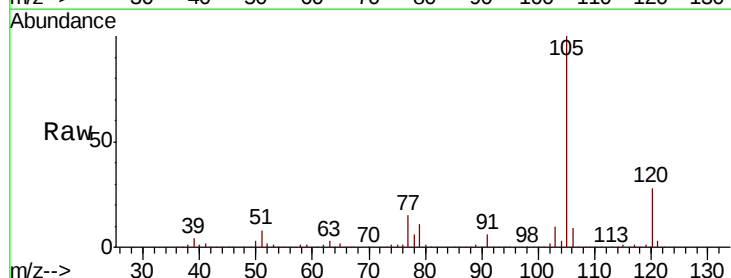
Acq: 20 Jun 2019 19:55

Tgt Ion:105 Resp: 679724

Ion Ratio Lower Upper

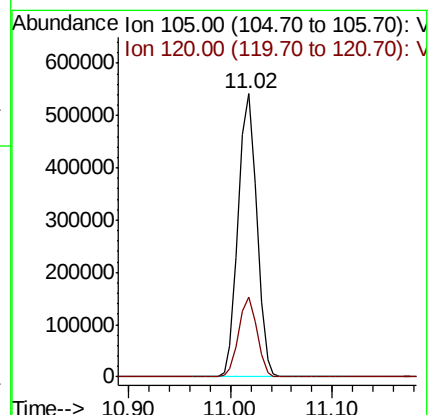
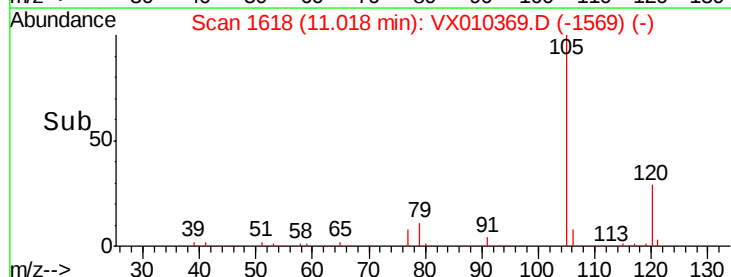
105 100

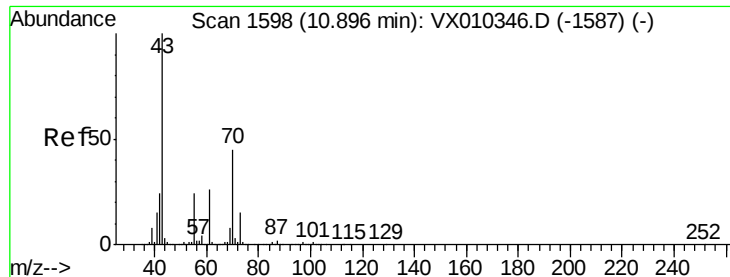
120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

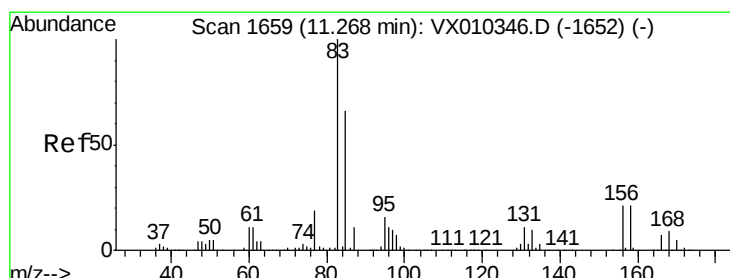
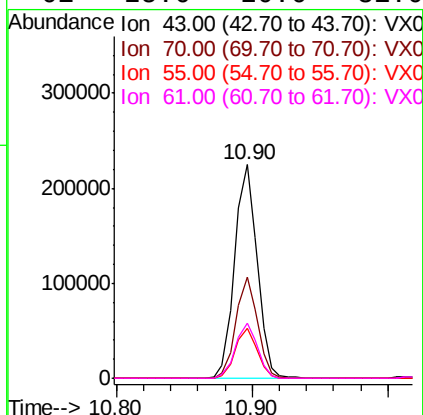
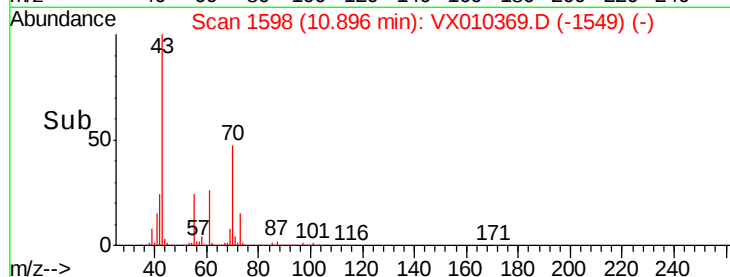
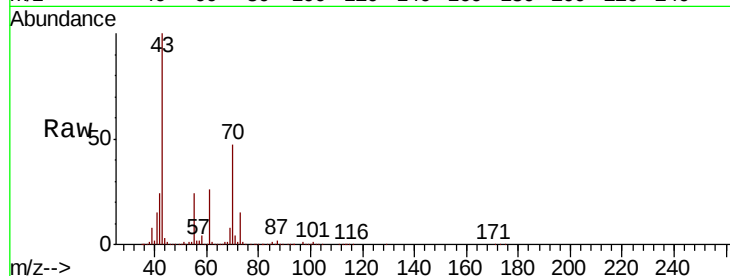




#74
N-amvl acetate
Concen: 49.243 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

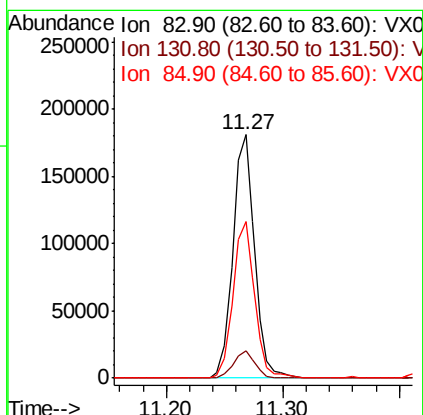
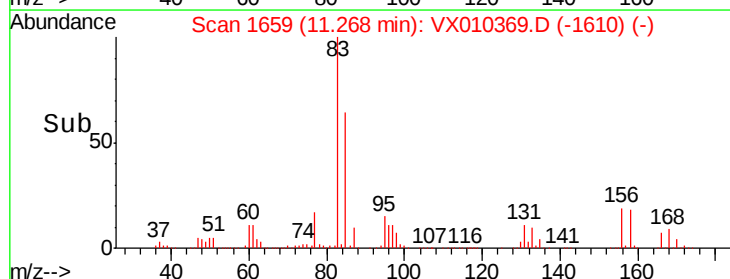
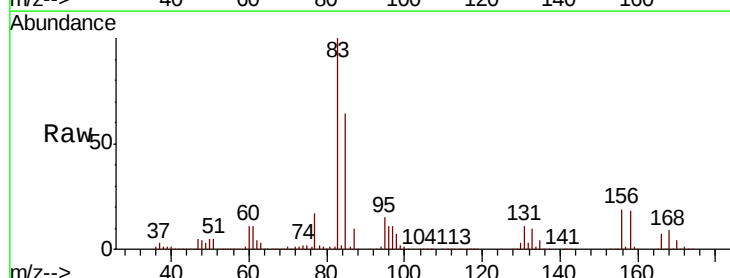
Instrument :
MSVOA_X
ClientSampleId :

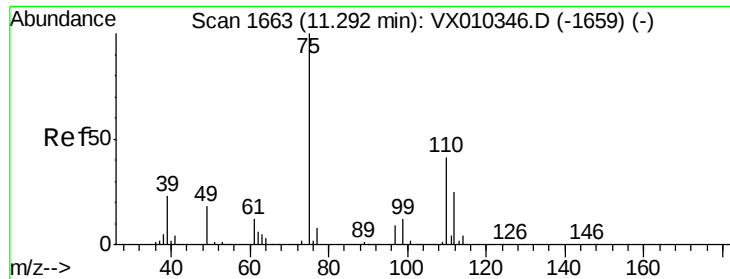
Tot Ion:	43	Resp:	259404
Ion	Ratio	Lower	Upper
43	100		
70	45.6	36.6	54.8
55	23.3	18.7	28.1
61	25.6	20.6	31.0



#75
1,1,2,2-Tetrachloroethane
Concen: 50.730 ug/l
RT: 11.27 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion:	83	Resp:	234184
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.5	16.4
85	64.2	32.3	96.8

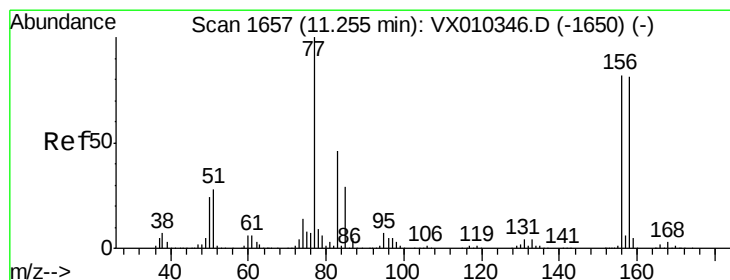
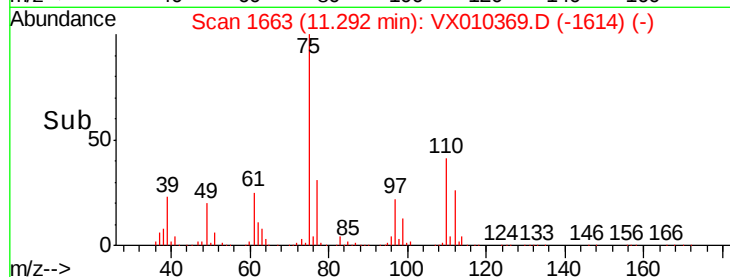
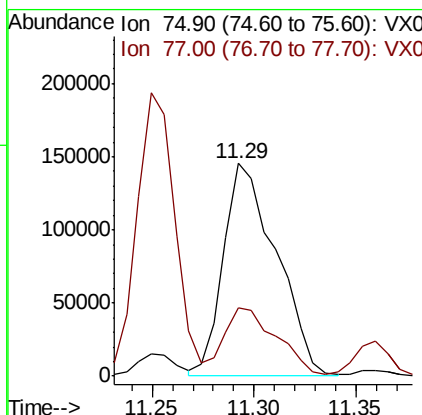
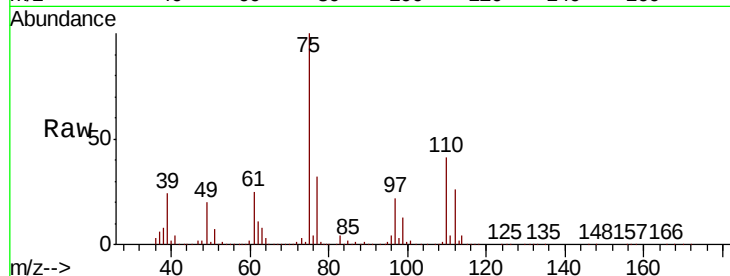




#76
 1,2,3-Trichloropropane
 Concen: 69.925 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

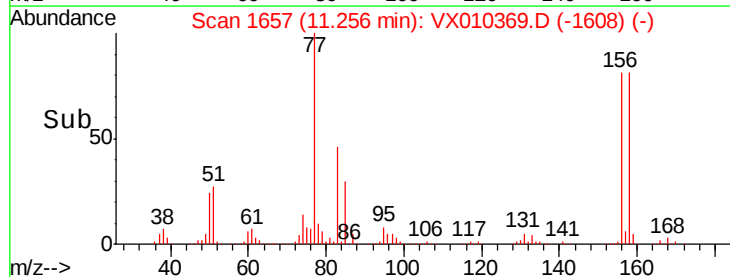
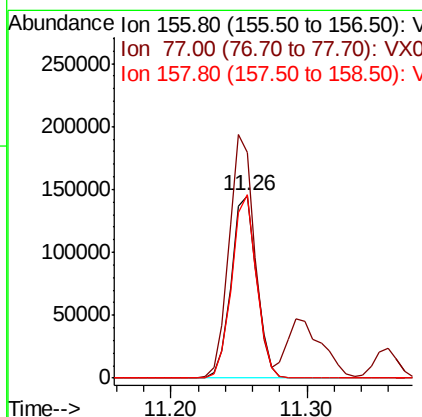
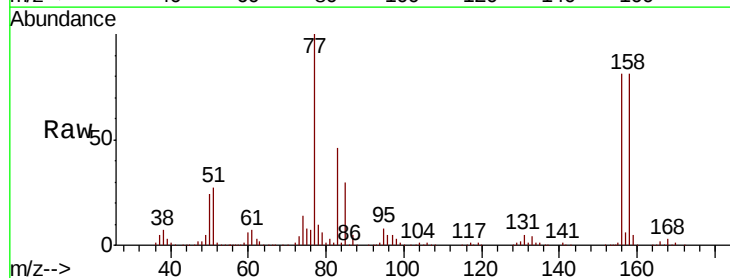
Instrument :
 MSVOA_X
 ClientSampled :

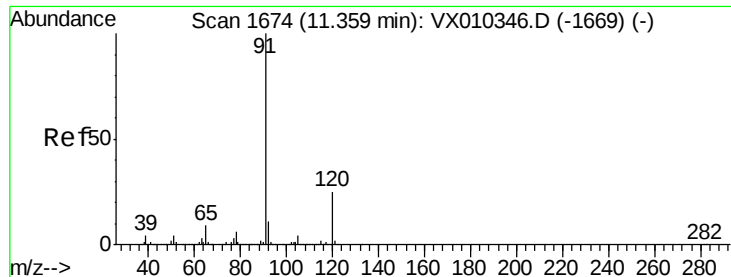
Tot Ion: 75 Resp: 262013
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.6 67.8



#77
 Bromobenzene
 Concen: 48.243 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion: 156 Resp: 187772
 Ion Ratio Lower Upper
 156 100
 77 133.2 66.3 198.7
 158 98.2 48.9 146.7





#78

n-propylbenzene

Concen: 49.891 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

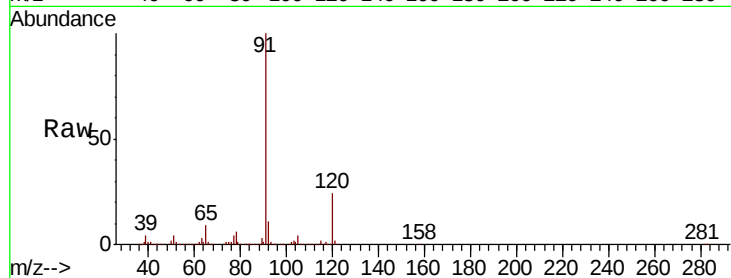
ClientSampled :

Tot Ion: 91 Resp: 764316

Ion Ratio Lower Upper

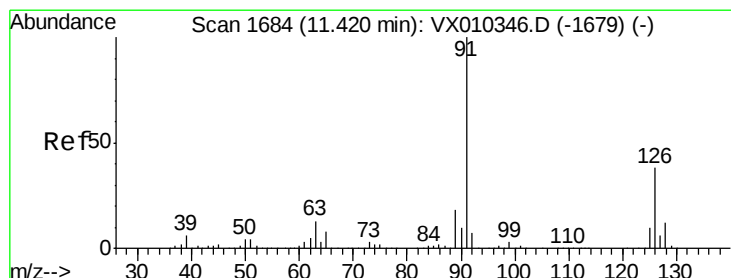
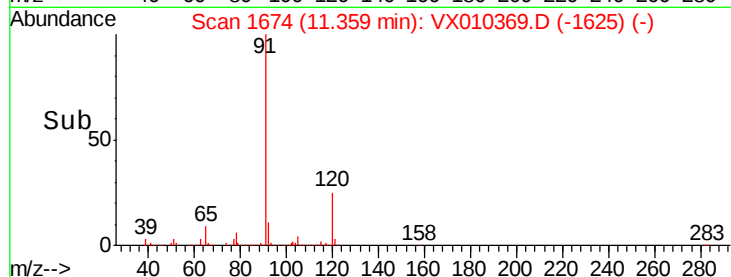
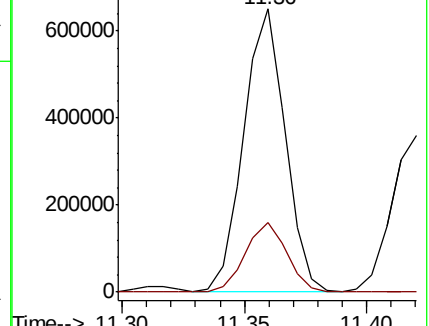
91 100

120 24.6 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: 48.701 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010369.D

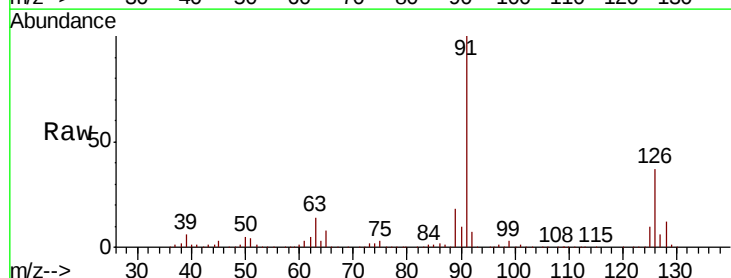
Acq: 20 Jun 2019 19:55

Tgt Ion: 91 Resp: 444273

Ion Ratio Lower Upper

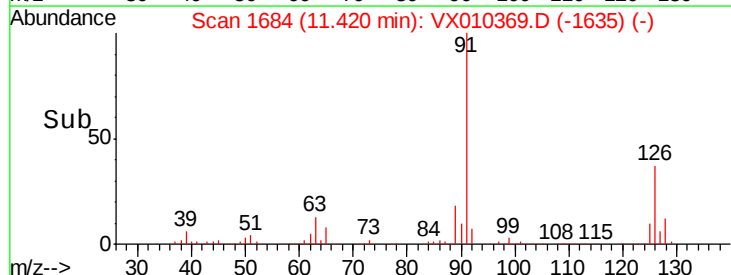
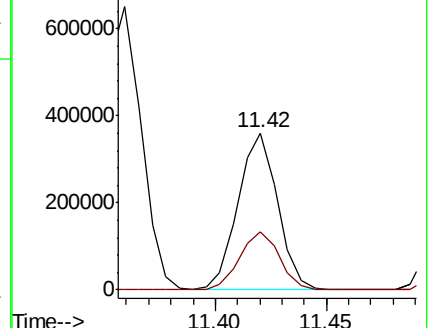
91 100

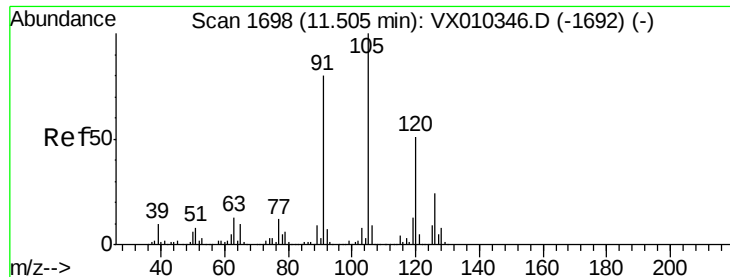
126 37.7 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

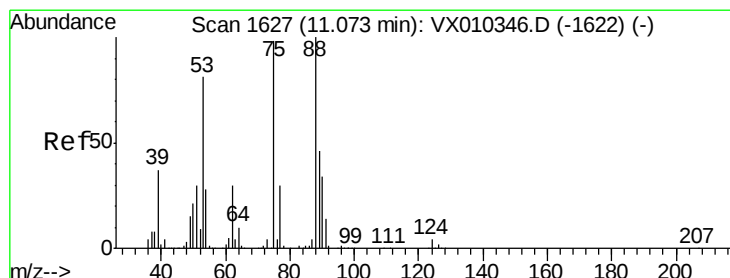
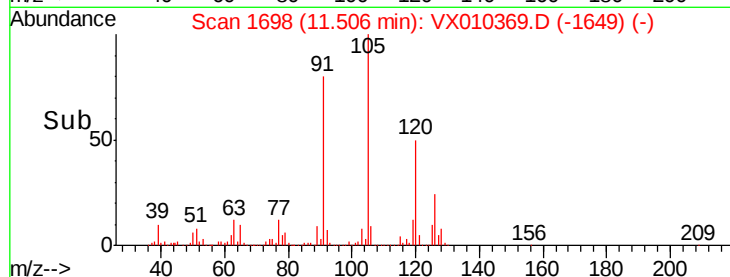
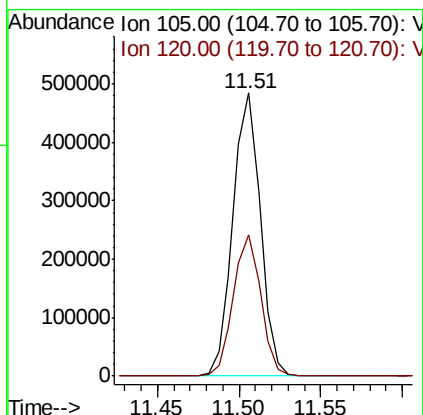
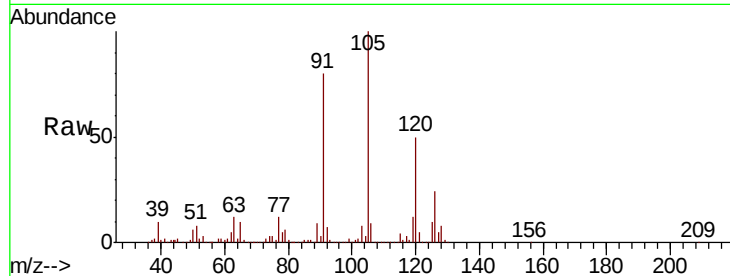




#80
 1,3,5-Trimethylbenzene
 Concen: 49.359 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

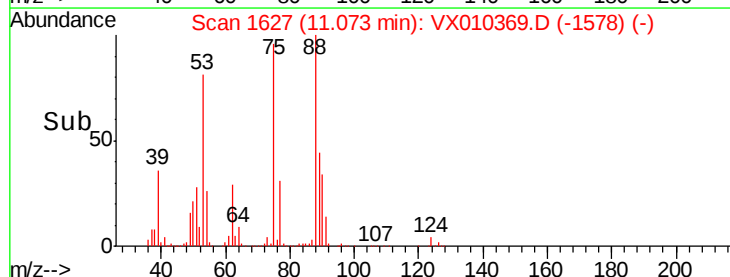
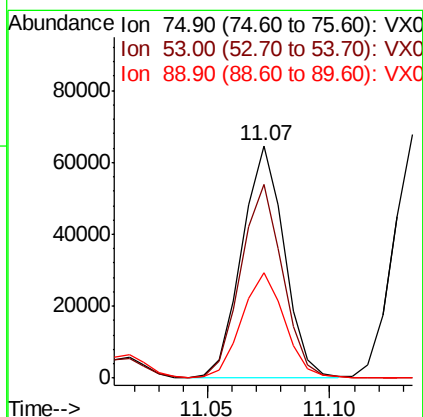
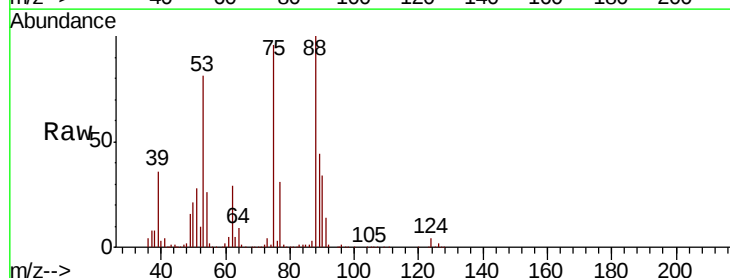
Instrument :
 MSVOA_X
 ClientSampleId :

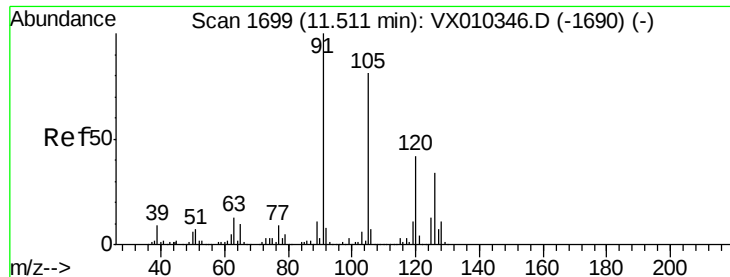
Tot Ion:105 Resp: 567191
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.442 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Tgt Ion: 75 Resp: 77807
 Ion Ratio Lower Upper
 75 100
 53 82.2 66.1 99.1
 89 46.1 37.8 56.6

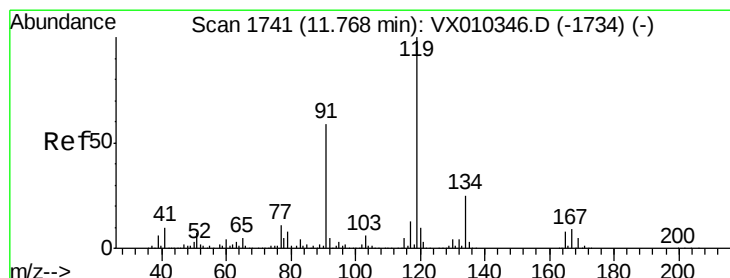
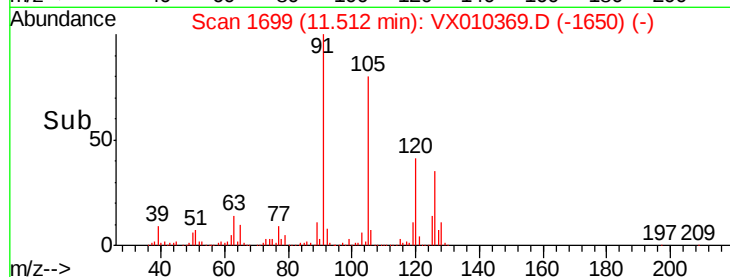
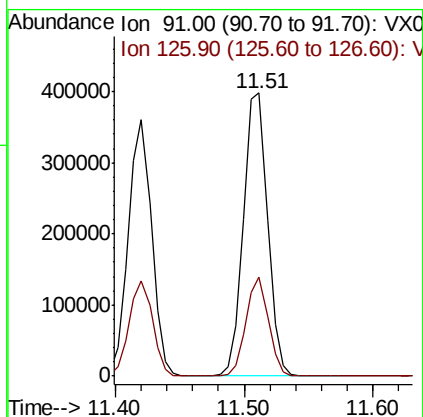
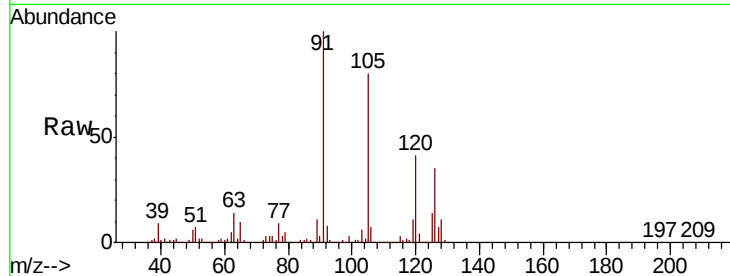




#82
4-Chlorotoluene
Concen: 49.495 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

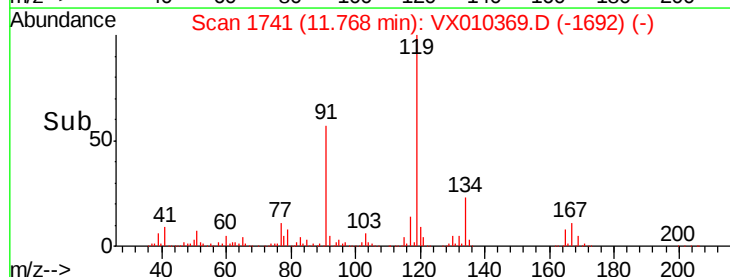
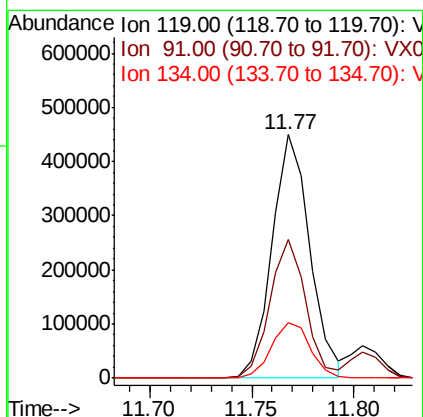
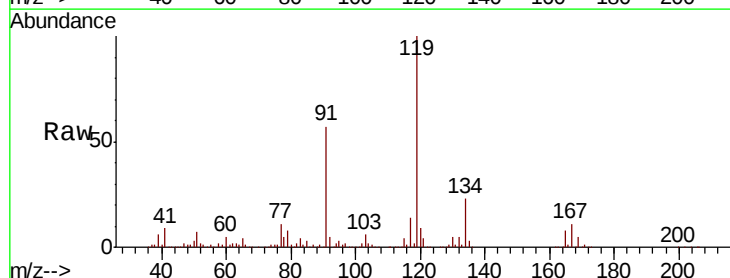
Instrument :
MSVOA_X
ClientSampled :

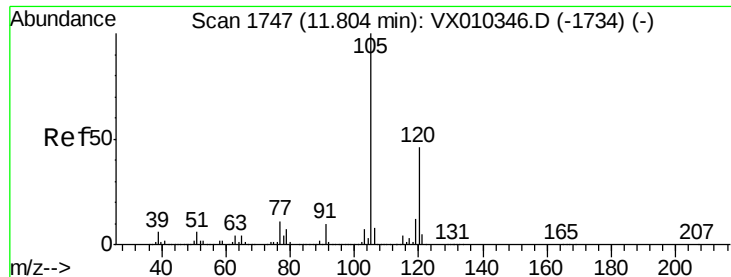
Tot Ion: 91 Resp: 513778
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6



#83
tert-Butylbenzene
Concen: 50.408 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion: 119 Resp: 581379
Ion Ratio Lower Upper
119 100
91 54.2 27.6 82.7
134 23.4 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 50.088 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

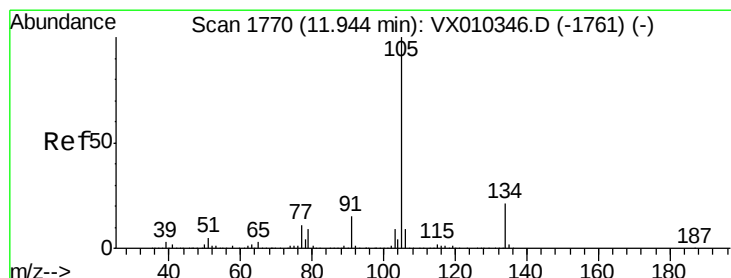
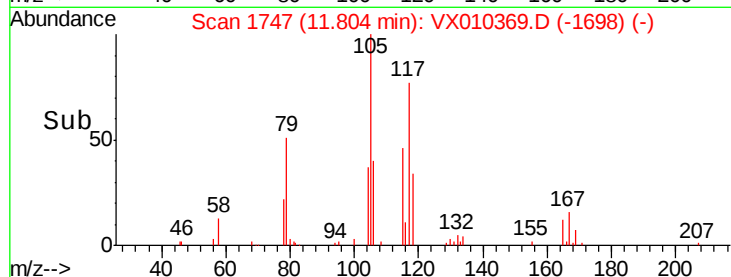
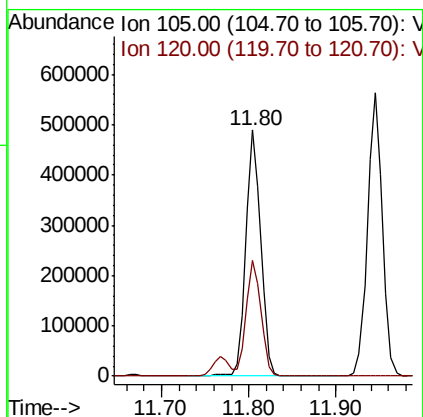
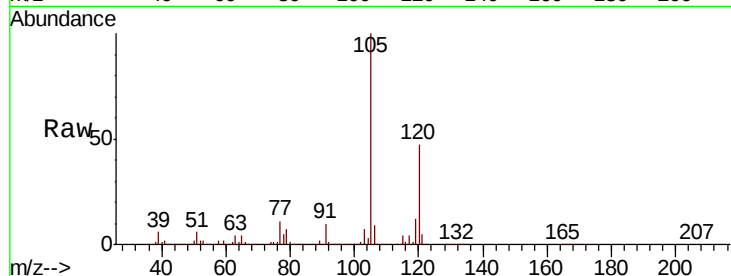
ClientSampleId :

Tot Ion:105 Resp: 578260

Ion Ratio Lower Upper

105 100

120 46.1 23.1 69.2



#85

sec-Butylbenzene

Concen: 49.584 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010369.D

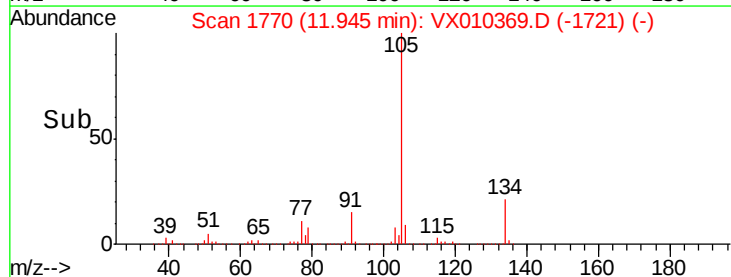
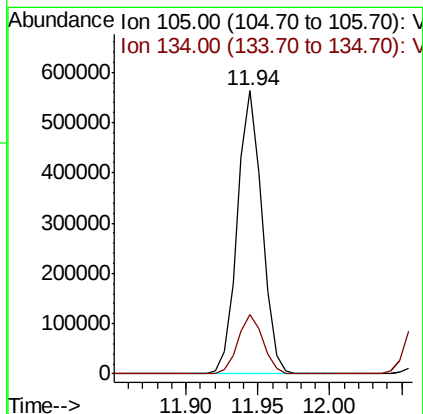
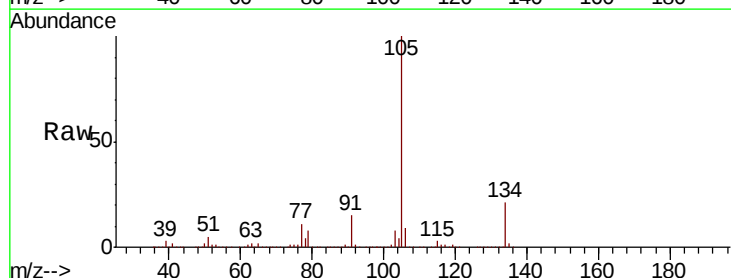
Acq: 20 Jun 2019 19:55

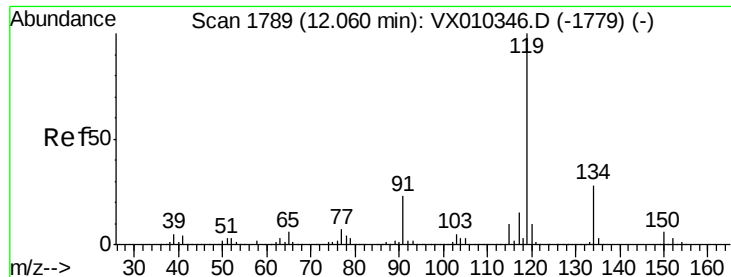
Tgt Ion:105 Resp: 671456

Ion Ratio Lower Upper

105 100

134 21.2 10.7 31.9

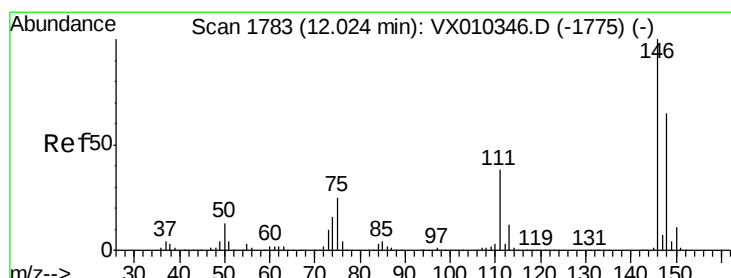
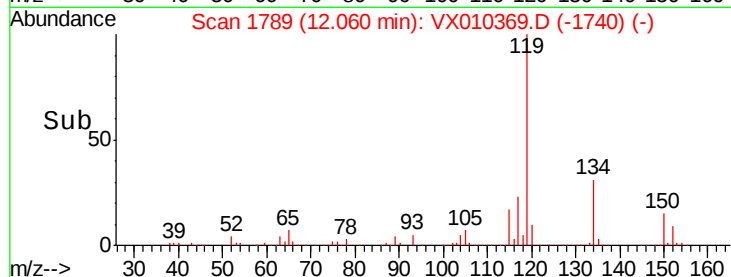
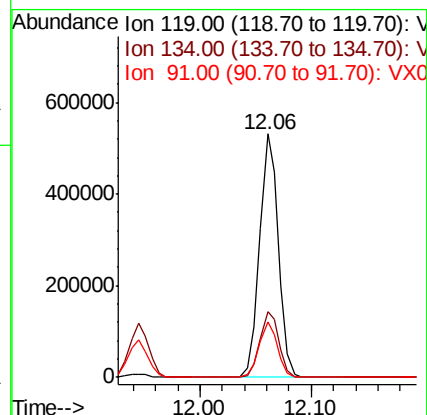
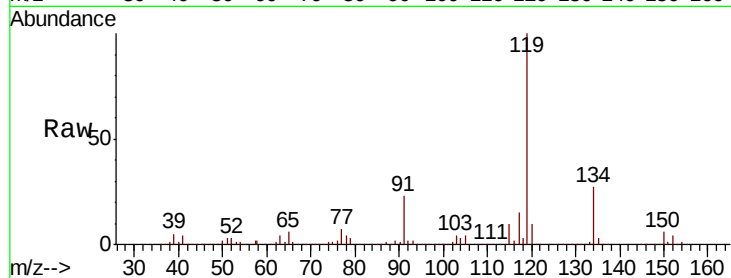




#86
p-Isopropyltoluene
Concen: 49.755 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

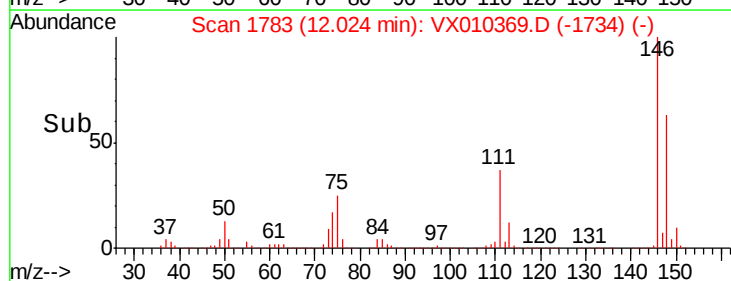
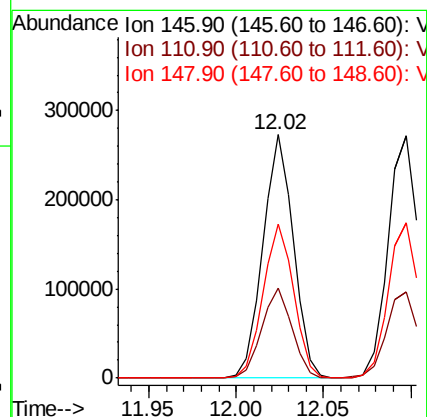
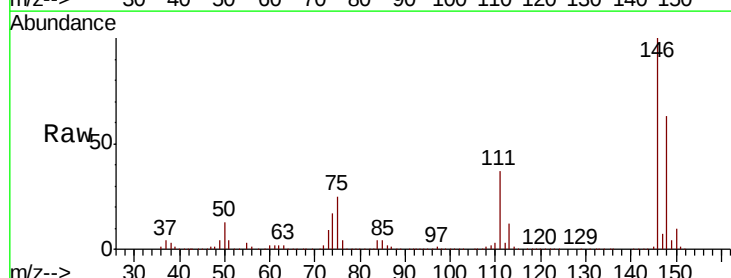
Instrument :
MSVOA_X
ClientSampleId :

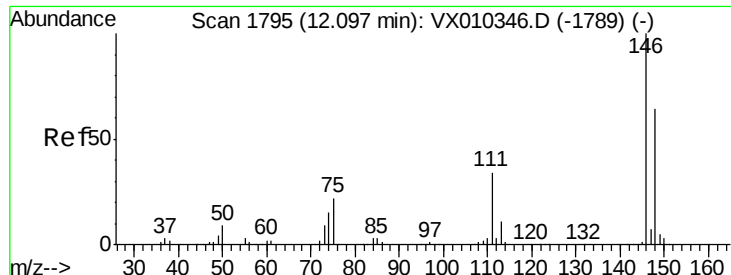
Tot Ion:119 Resp: 623215
Ion Ratio Lower Upper
119 100
134 27.3 13.7 41.1
91 22.3 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 48.643 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion:146 Resp: 330480
Ion Ratio Lower Upper
146 100
111 36.7 19.1 57.1
148 63.8 32.5 97.4





#88

1,4-Dichlorobenzene

Concen: 47.689 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

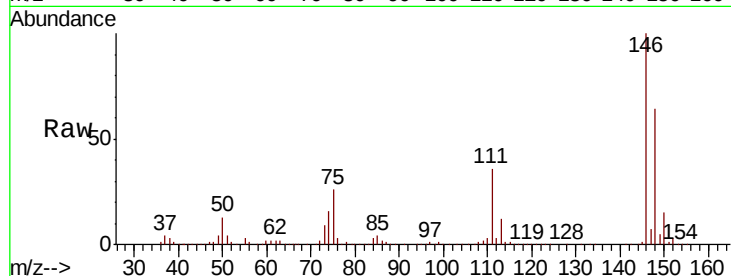
Tot Ion:146 Resp: 329848

Ion Ratio Lower Upper

146 100

111 36.7 18.1 54.3

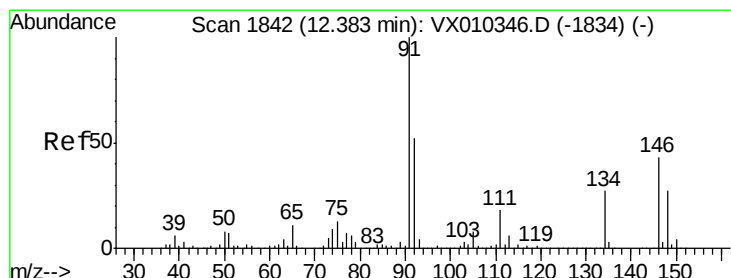
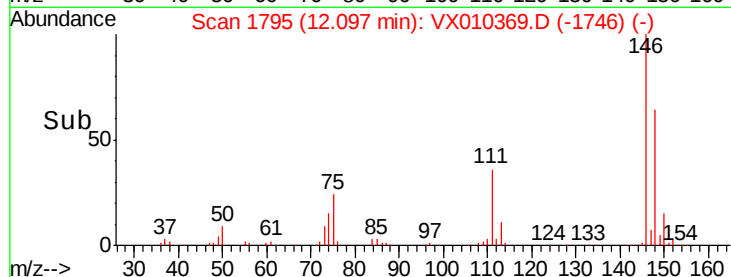
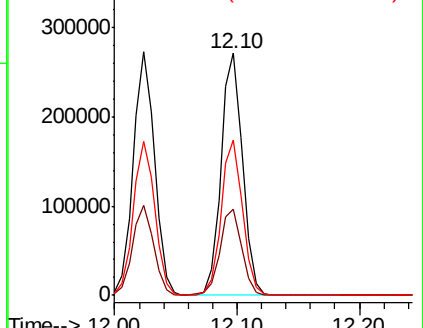
148 63.8 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 50.072 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

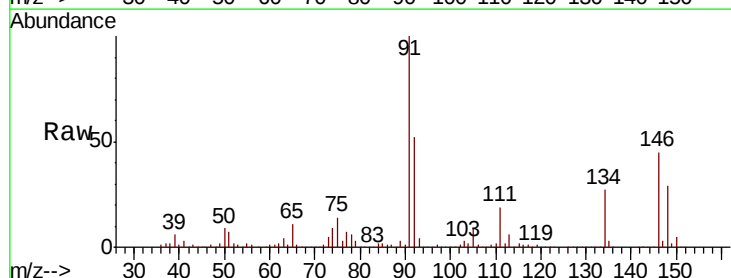
Tgt Ion: 91 Resp: 532959

Ion Ratio Lower Upper

91 100

92 52.8 26.2 78.5

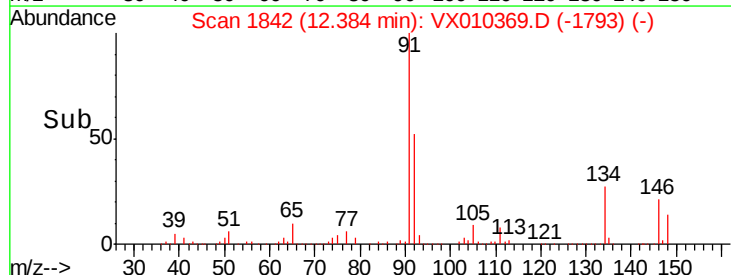
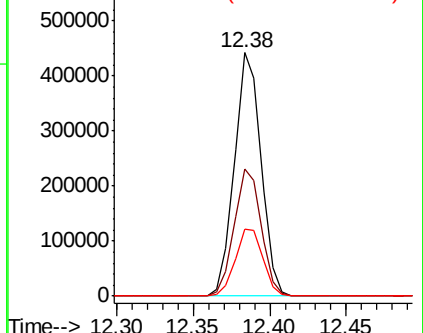
134 28.5 14.1 42.4

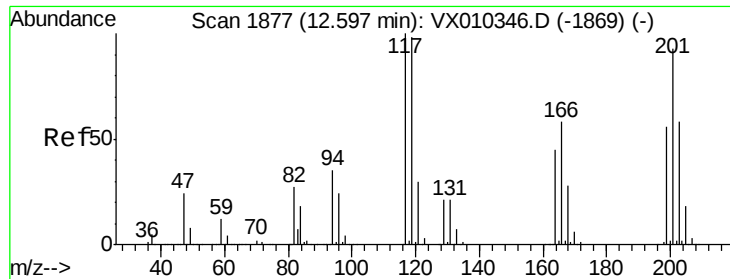


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

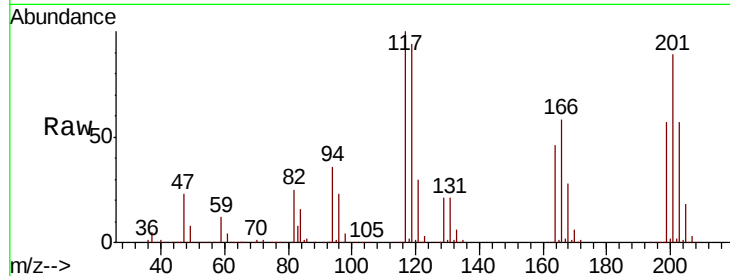




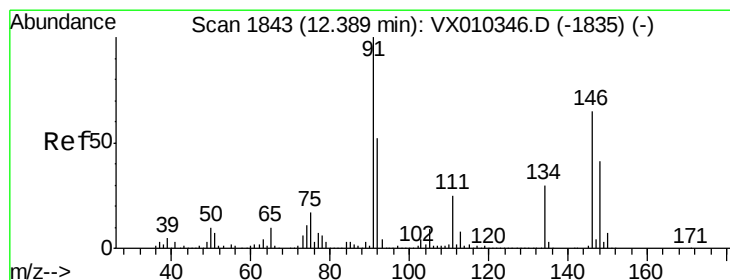
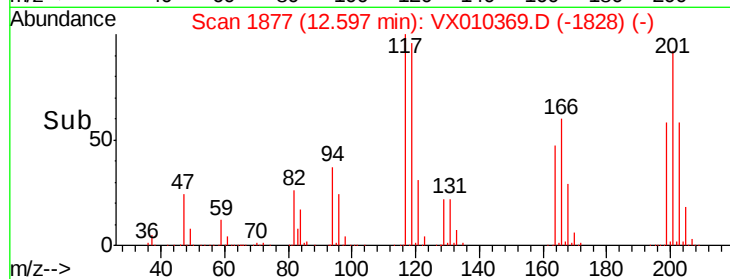
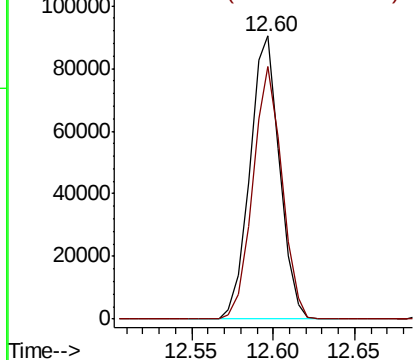
#90
Hexachloroethane
Concen: 52.994 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 114777
Ion Ratio Lower Upper
117 100
201 87.2 44.0 131.8

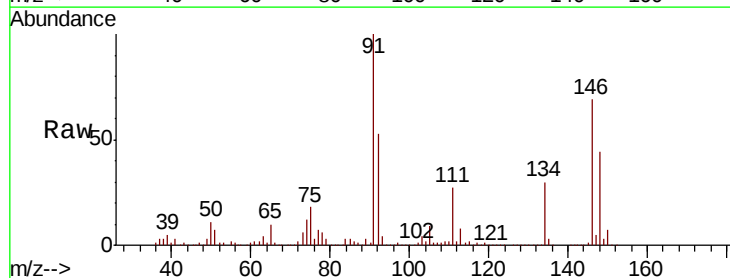


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

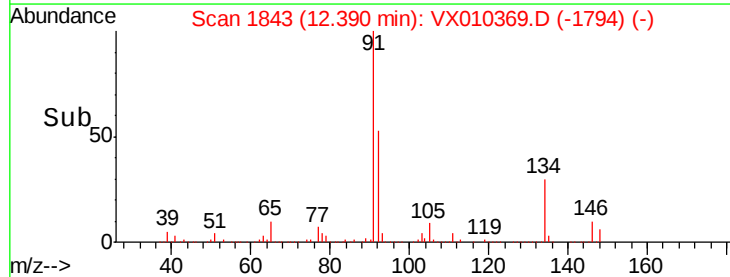
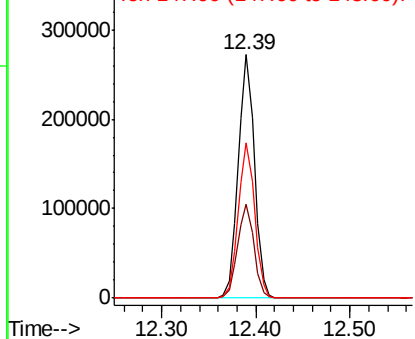


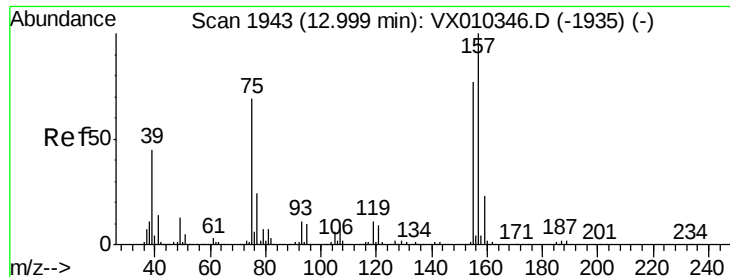
#91
1,2-Dichlorobenzene
Concen: 48.300 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010369.D
Acq: 20 Jun 2019 19:55

Tgt Ion:146 Resp: 326145
Ion Ratio Lower Upper
146 100
111 38.8 19.2 57.6
148 64.3 32.0 96.0



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





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.703 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

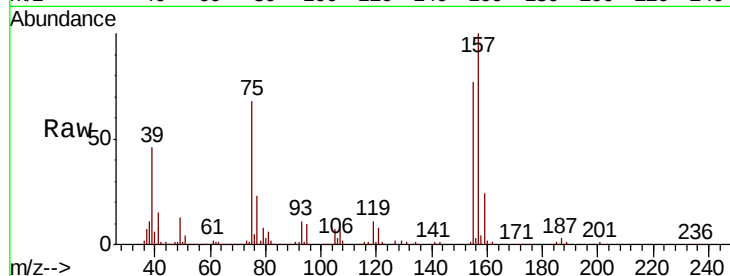
Tot Ion: 75 Resp: 50464

Ion Ratio Lower Upper

75 100

155 105.9 54.4 163.1

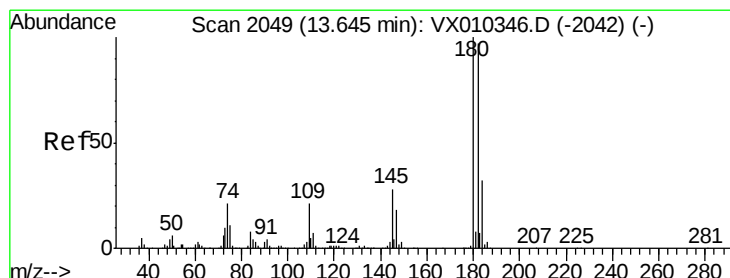
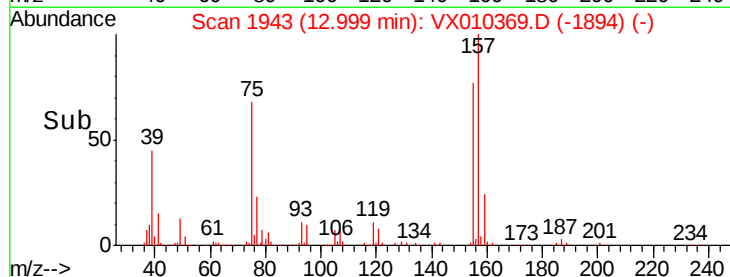
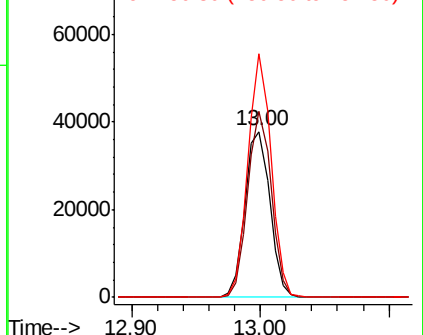
157 136.1 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 49.463 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

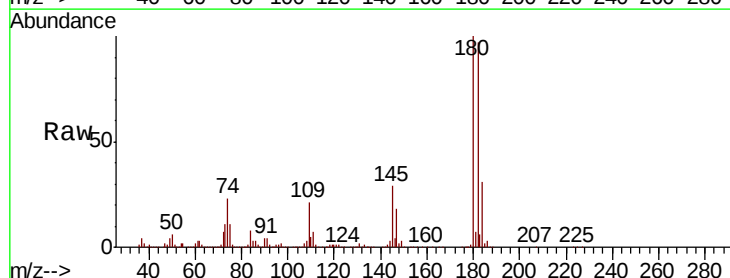
Tgt Ion:180 Resp: 231620

Ion Ratio Lower Upper

180 100

182 95.0 48.0 144.0

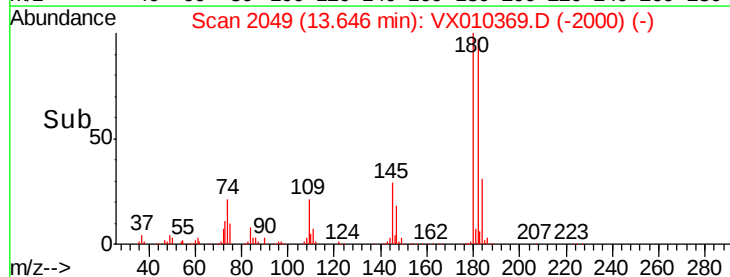
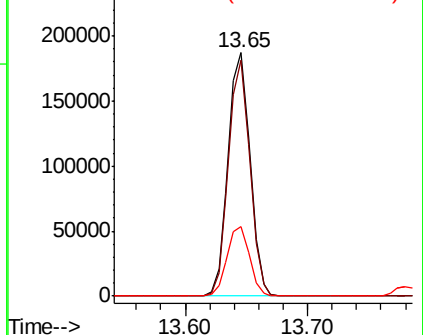
145 30.1 14.4 43.4

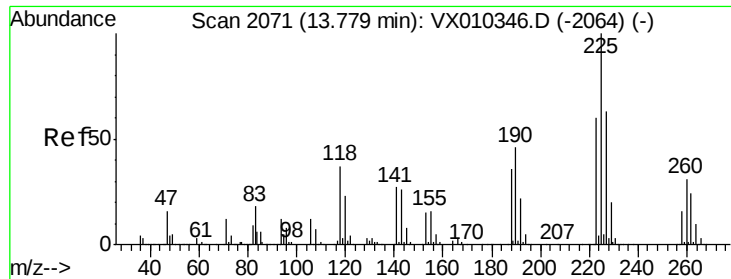


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 47.648 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

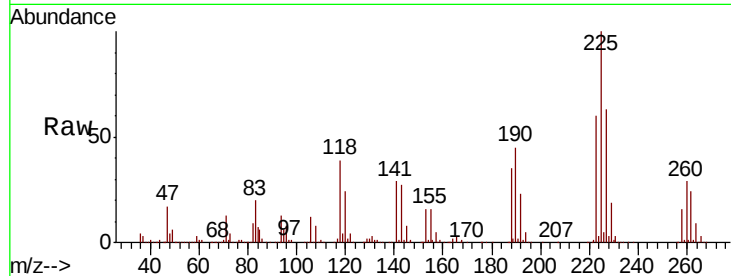
Tot Ion:225 Resp: 109047

Ion Ratio Lower Upper

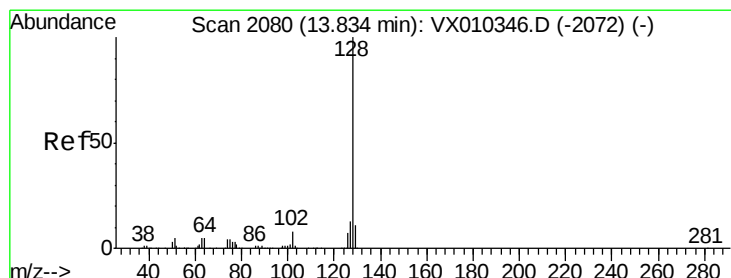
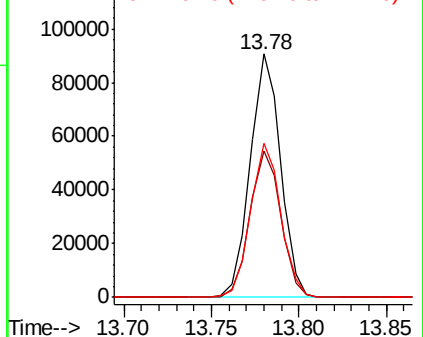
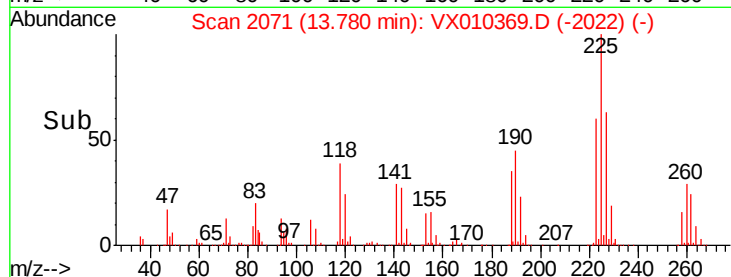
225 100

223 61.2 30.9 92.7

227 62.9 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: 52.914 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010369.D

Acq: 20 Jun 2019 19:55

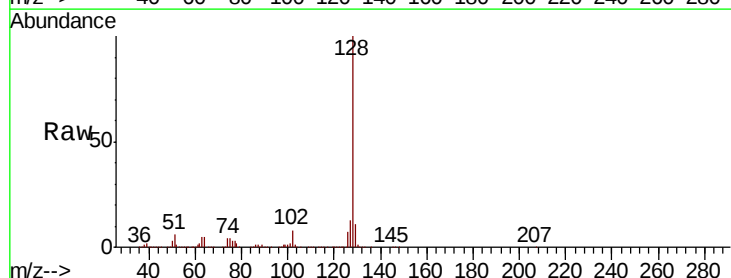
Tgt Ion:128 Resp: 761448

Ion Ratio Lower Upper

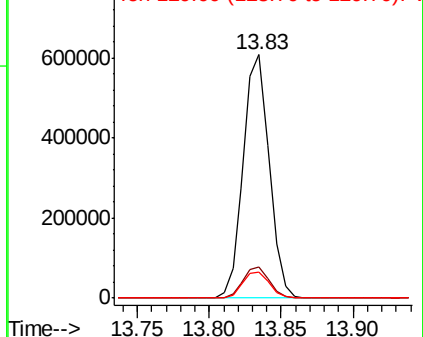
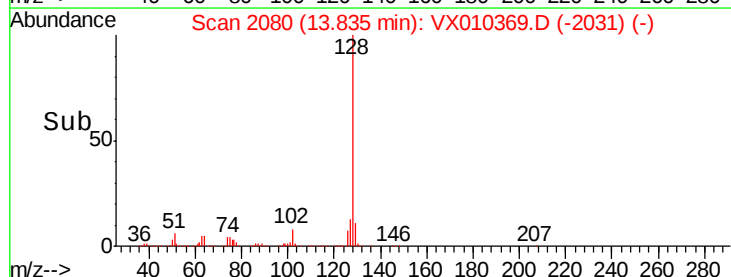
128 100

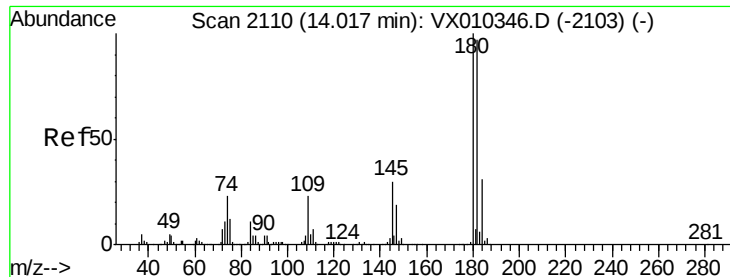
127 12.9 10.2 15.4

129 10.9 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: 49.747 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010369.D
 Acq: 20 Jun 2019 19:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.3
145	31.2	15.2	45.6

