

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
 Data File : VX010348.D
 Acq On : 19 Jun 2019 14:14
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 20 03:15:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:08:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	282007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	428035	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	395847	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203419	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	405456	147.58	ug/l	0.00
Spiked Amount			Recovery	=	295.16%	
35) Dibromofluoromethane	5.50	113	399698	150.44	ug/l	0.00
Spiked Amount			Recovery	=	300.88%	
50) Toluene-d8	8.71	98	1517540	152.14	ug/l	0.00
Spiked Amount			Recovery	=	304.28%	
62) 4-Bromofluorobenzene	11.13	95	565157	152.75	ug/l	0.00
Spiked Amount			Recovery	=	305.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	296845	121.519	ug/l	100
3) Chloromethane	1.32	50	337872	134.319	ug/l	99
4) Vinyl Chloride	1.41	62	371621	154.078	ug/l	98
5) Bromomethane	1.64	94	161789	168.277	ug/l	100
6) Chloroethane	1.70	64	135305	109.430	ug/l	97
7) Trichlorofluoromethane	1.92	101	608443	166.468	ug/l	99
8) Diethyl Ether	2.19	74	210358	164.726	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	355752	144.232	ug/l	100
10) Methyl Iodide	2.50	142	568099	150.725	ug/l	99
11) Tert butyl alcohol	3.07	59	492925	733.255	ug/l	99
12) 1,1-Dichloroethene	2.36	96	371289	147.227	ug/l	99
13) Acrolein	2.29	56	346361	1900.638	ug/l	99
14) Allyl chloride	2.72	41	548019	144.692	ug/l	100
15) Acrylonitrile	3.15	53	1057620	766.629	ug/l	100
16) Acetone	2.45	43	1004925	762.946	ug/l	99
17) Carbon Disulfide	2.56	76	1019253	140.954	ug/l	99
18) Methyl Acetate	2.78	43	406638	143.706	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1186510	146.745	ug/l	99
20) Methylene Chloride	2.85	84	417243	147.236	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	399435	143.368	ug/l	98
22) Diisopropyl ether	3.86	45	1114296	152.913	ug/l	88
23) Vinyl Acetate	3.82	43	5046429	776.092	ug/l	100
24) 1,1-Dichloroethane	3.70	63	649513	146.995	ug/l	100
25) 2-Butanone	4.68	43	1517483	782.260	ug/l	98
26) 2,2-Dichloropropane	4.58	77	550361	137.983	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	467612	150.333	ug/l	100
28) Bromochloromethane	5.01	49	292990	147.046	ug/l	99
29) Tetrahydrofuran	5.13	42	930977	766.563	ug/l	100
30) Chloroform	5.21	83	692822	150.922	ug/l	97
31) Cyclohexane	5.57	56	583829	147.277	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	625877	145.276	ug/l	100
36) 1,1-Dichloropropene	5.80	75	513253	147.165	ug/l	99
37) Ethyl Acetate	4.84	43	557885	153.035	ug/l	99
38) Carbon Tetrachloride	5.78	117	578813	146.899	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	672743	142.154	ug/l	98
40) Benzene	6.14	78	1608640	148.824	ug/l	100
41) Methacrylonitrile	5.05	41	296462	150.830	ug/l	100
42) 1,2-Dichloroethane	6.19	62	504271	146.695	ug/l	99
43) Isopropyl Acetate	6.45	43	923612	152.182	ug/l	99
44) Trichloroethene	7.21	130	483928	148.369	ug/l	100
45) 1,2-Dichloropropane	7.51	63	405544	149.909	ug/l	100
46) Dibromomethane	7.66	93	297487	146.658	ug/l	99
47) Bromodichloromethane	7.90	83	566039	150.305	ug/l	99
48) Methyl methacrylate	7.77	41	443168	156.675	ug/l	99
49) 1,4-Dioxane	7.74	88	231824	2864.819	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2826985	775.697	ug/l	99
52) Toluene	8.79	92	1061210	148.938	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	654689	151.153	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	690033	147.906	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	445598	152.871	ug/l	100
56) Ethyl methacrylate	9.18	69	702638	153.540	ug/l	99
57) 1,3-Dichloropropane	9.37	76	697397	152.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1624569	751.991	ug/l	99
59) 2-Hexanone	9.49	43	2242078	770.604	ug/l	99
60) Dibromochloromethane	9.58	129	532574	155.457	ug/l	100
61) 1,2-Dibromoethane	9.67	107	490227	151.403	ug/l	100
64) Tetrachloroethene	9.34	164	446313	149.195	ug/l	100
65) Chlorobenzene	10.14	112	1219141	149.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	469536	149.989	ug/l	99
67) Ethyl Benzene	10.25	91	2074230	149.099	ug/l	100
68) m/p-Xylenes	10.36	106	1582268	293.623	ug/l	99
69) o-Xylene	10.70	106	779862	145.867	ug/l	100
70) Styrene	10.71	104	1359525	150.364	ug/l	99
71) Bromoform	10.86	173	435236	151.791	ug/l #	100
73) Isopropylbenzene	11.02	105	2075723	146.721	ug/l	99
74) N-amyl acetate	10.90	43	851064	152.231	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	694528	143.671	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	811202	201.168	ug/l	80
77) Bromobenzene	11.26	156	562918	144.349	ug/l	98
78) n-propylbenzene	11.36	91	2349323	149.109	ug/l	100
79) 2-Chlorotoluene	11.42	91	1360237	144.115	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1715867	143.754	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	265451	147.376	ug/l	98
82) 4-Chlorotoluene	11.51	91	1584382	147.727	ug/l	99
83) tert-Butylbenzene	11.77	119	1766049	146.615	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1769004	146.689	ug/l	100
85) sec-Butylbenzene	11.94	105	2061056	146.580	ug/l	99
86) p-Isopropyltoluene	12.06	119	1917268	148.946	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1024520	149.438	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1013556	146.145	ug/l	100
89) n-Butylbenzene	12.38	91	1693263	152.962	ug/l	99
90) Hexachloroethane	12.60	117	367506	145.400	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	981890	146.733	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	158215	140.903	ug/l	97

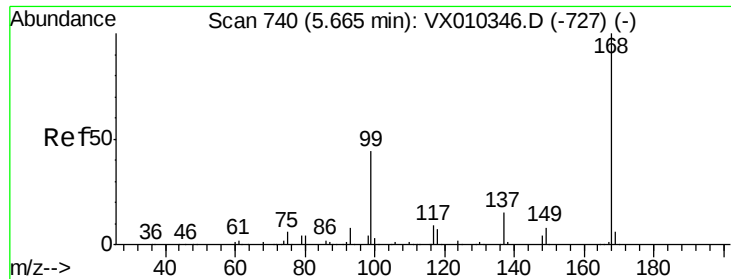
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	738551	150.936	ug/l	99
94) Hexachlorobutadiene	13.78	225	344472	155.922	ug/l	99
95) Naphthalene	13.83	128	2297783	149.782	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	729657	150.531	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

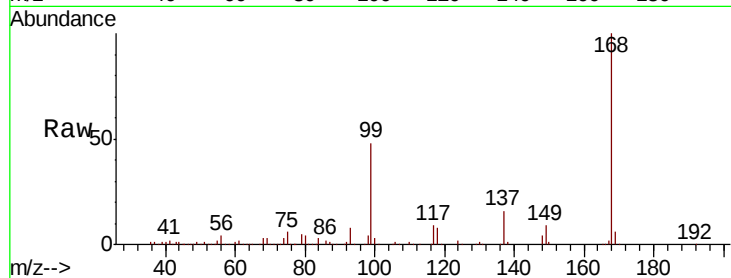
VSTDIC150

Tot Ion:168 Resp: 282007

Ion Ratio Lower Upper

168 100

99 48.2 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

100000

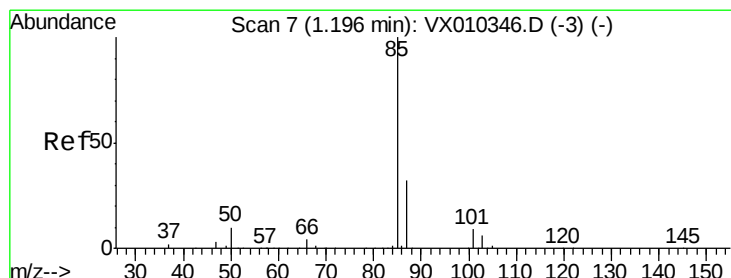
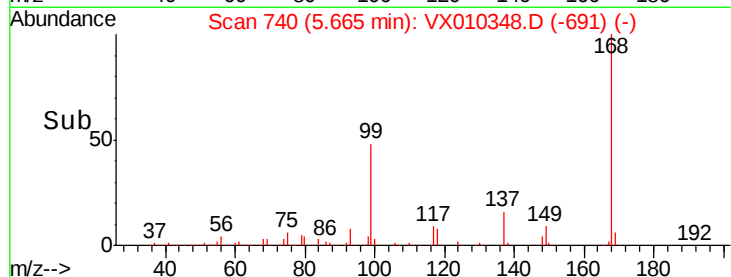
50000

0

5.50 5.60 5.70 5.80

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 121.519 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010348.D

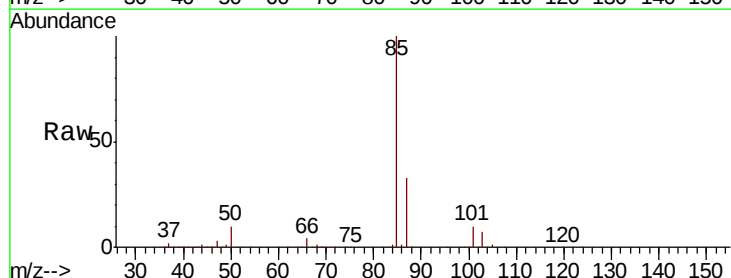
Acq: 19 Jun 2019 14:14

Tgt Ion: 85 Resp: 296845

Ion Ratio Lower Upper

85 100

87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

200000

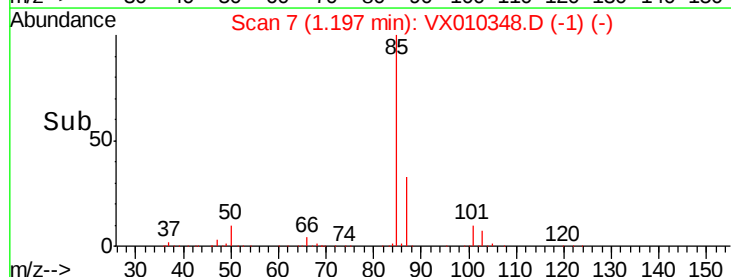
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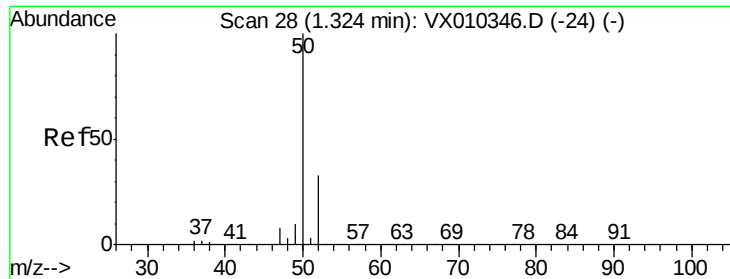
0

1.15 1.20 1.25 1.30

1.20

Time-->





#3

Chloromethane

Concen: 134.319 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

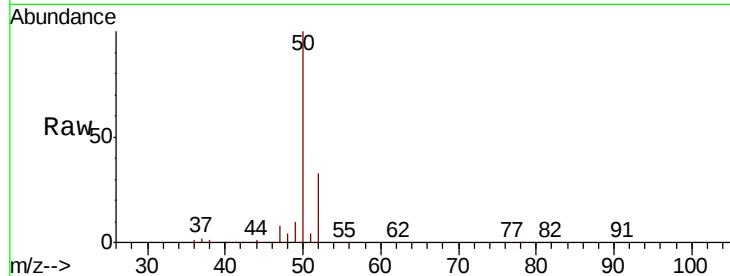
VSTDIC150

Tot Ion: 50 Resp: 337872

Ion Ratio Lower Upper

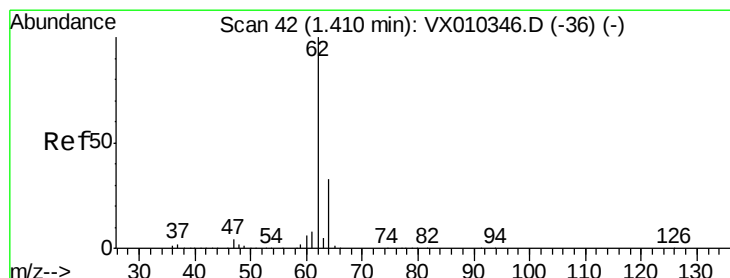
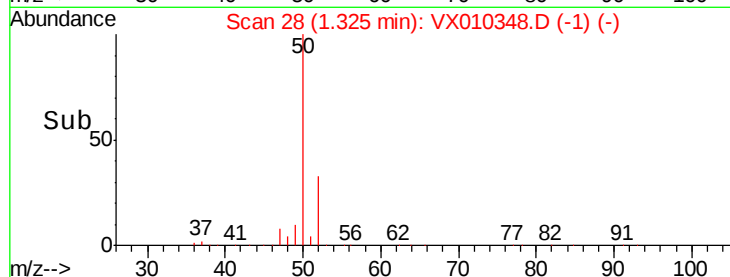
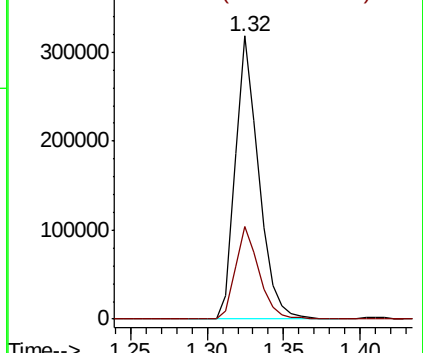
50 100

52 32.8 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: 154.078 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010348.D

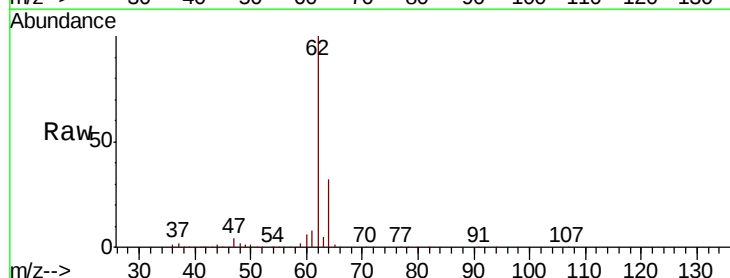
Acq: 19 Jun 2019 14:14

Tgt Ion: 62 Resp: 371621

Ion Ratio Lower Upper

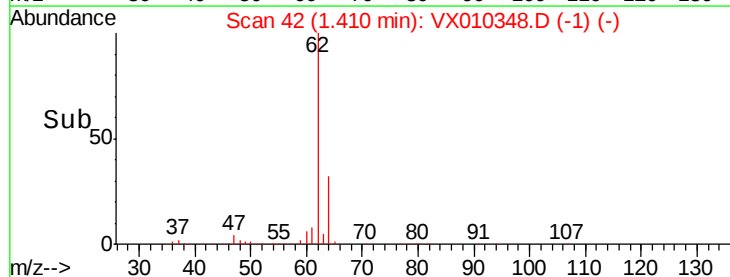
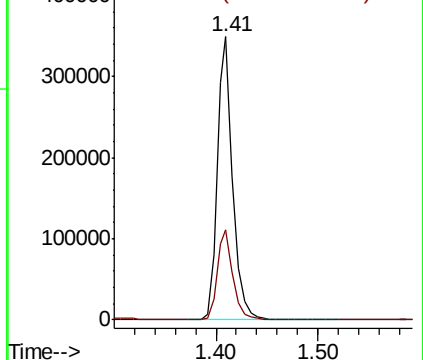
62 100

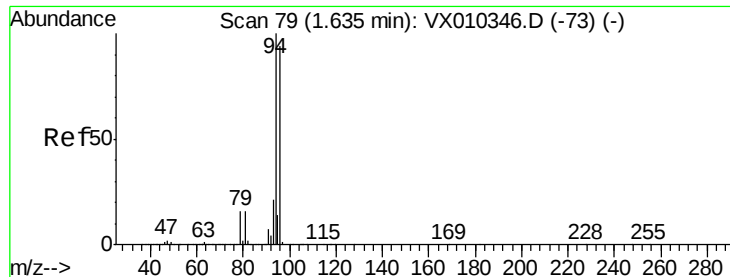
64 31.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 168.277 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

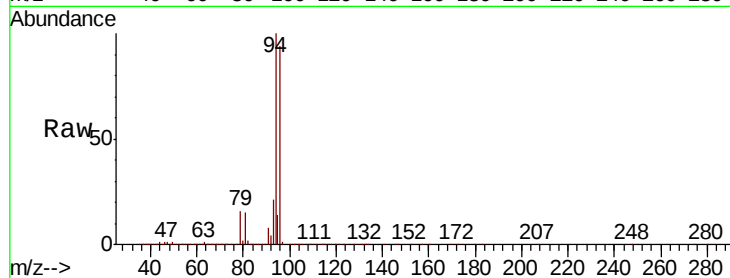
VSTDIC150

Tot Ion: 94 Resp: 161789

Ion Ratio Lower Upper

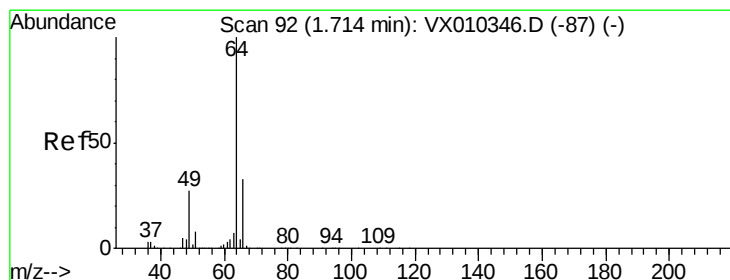
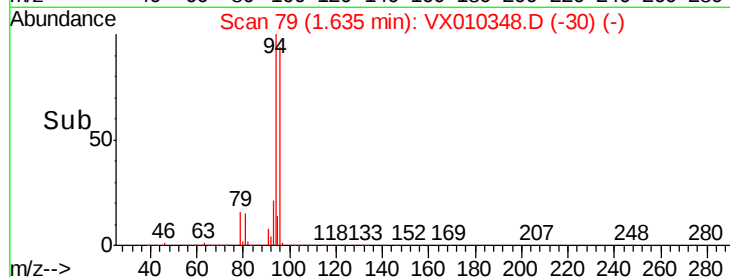
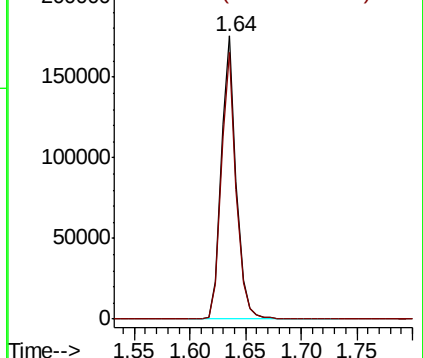
94 100

96 94.4 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 109.430 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX010348.D

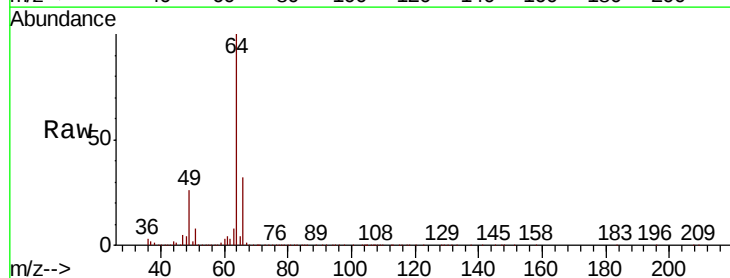
Acq: 19 Jun 2019 14:14

Tgt Ion: 64 Resp: 135305

Ion Ratio Lower Upper

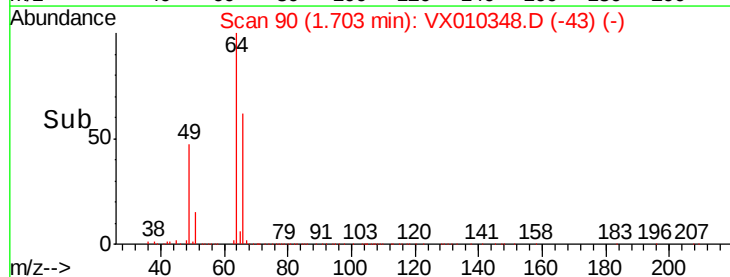
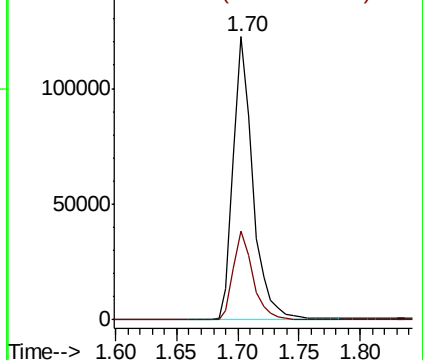
64 100

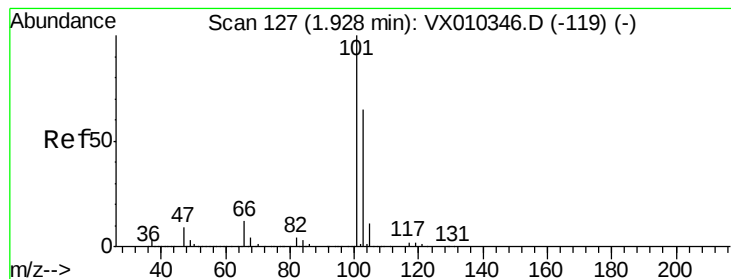
66 31.4 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



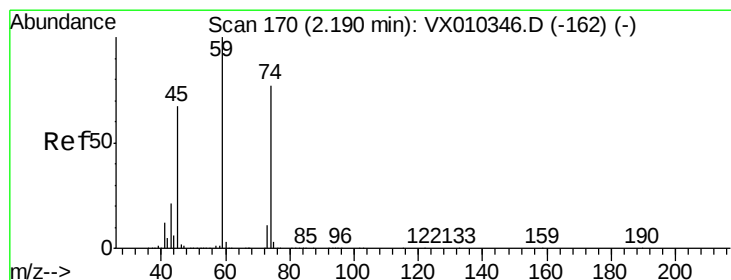
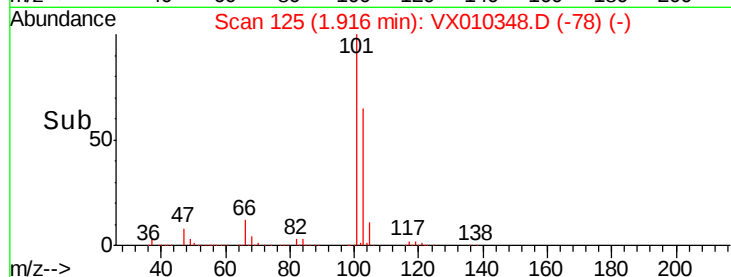
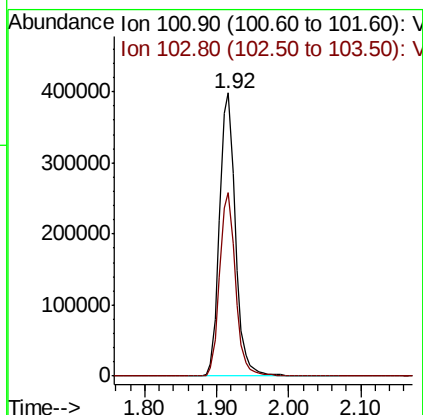
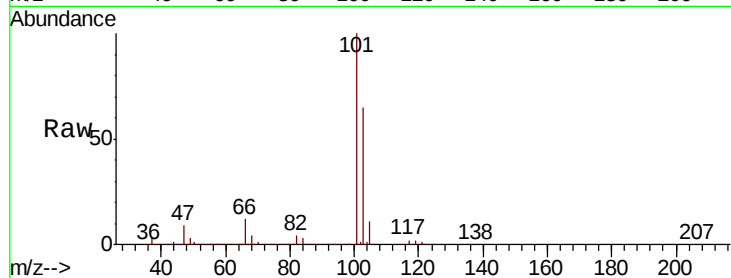


#7

Trichlorofluoromethane
Concen: 166.468 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Instrument :
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ClientSampleId :
VSTDIC150

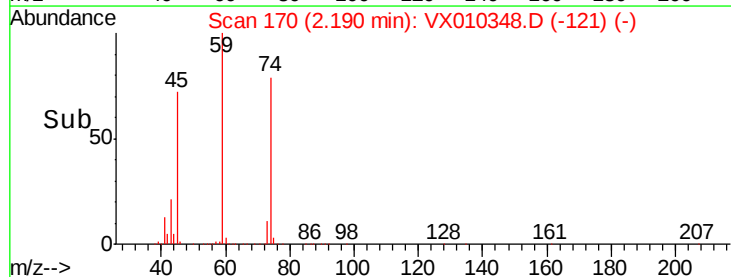
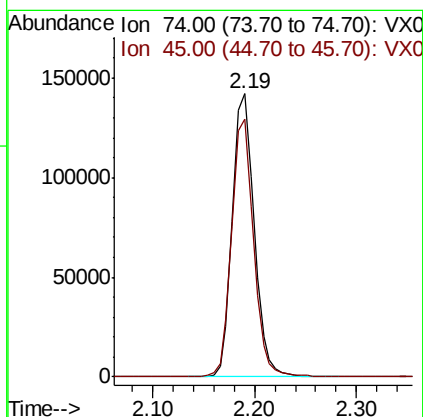
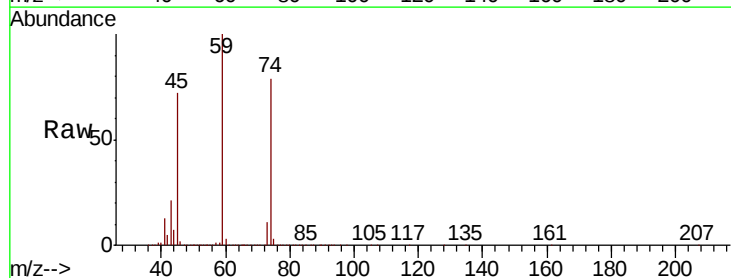
Tot Ion:101 Resp: 608443
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5



#8

Diethyl Ether
Concen: 164.726 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion: 74 Resp: 210358
Ion Ratio Lower Upper
74 100
45 91.3 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.232 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

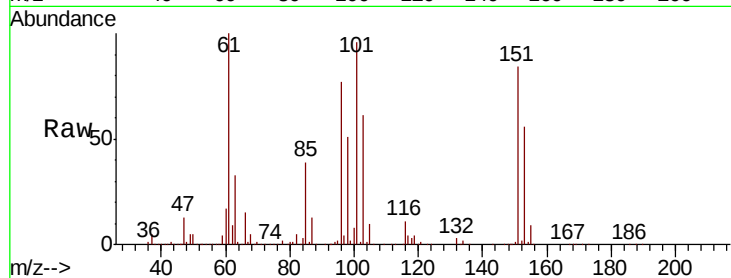
Tot Ion:101 Resp: 355752

Ion Ratio Lower Upper

101 100

85 41.9 33.7 50.5

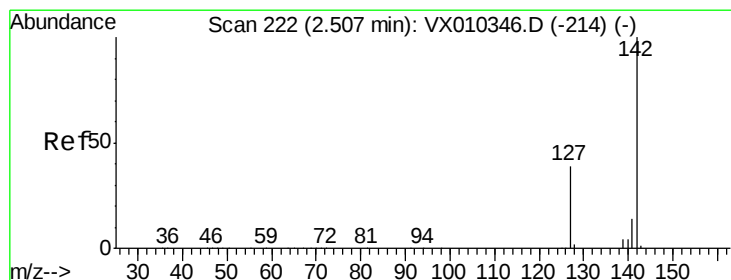
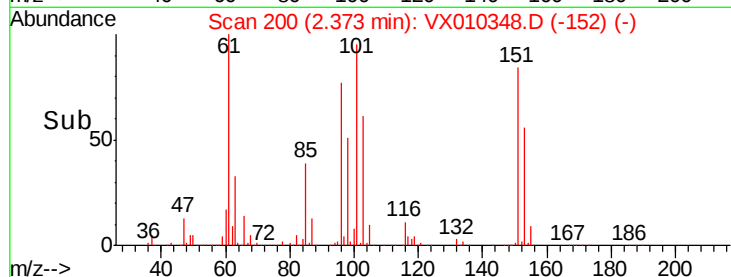
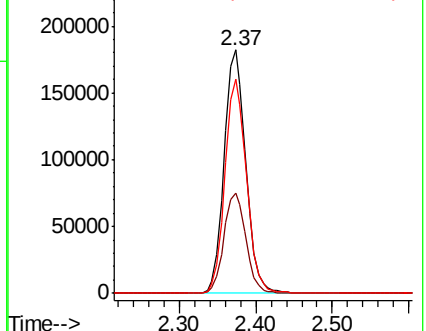
151 87.8 70.1 105.1



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: 150.725 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

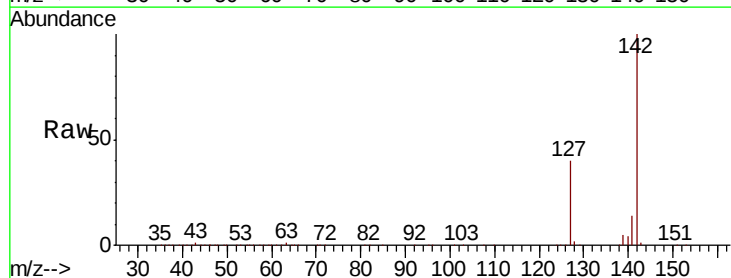
Tgt Ion:142 Resp: 568099

Ion Ratio Lower Upper

142 100

127 39.4 31.1 46.7

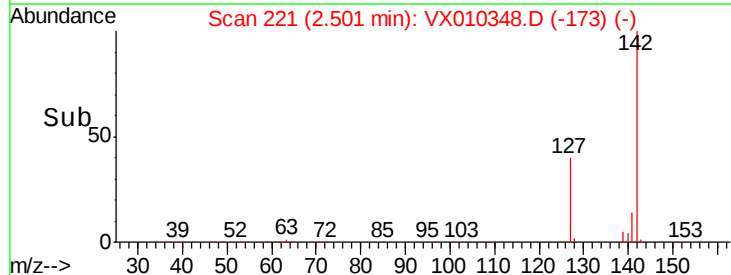
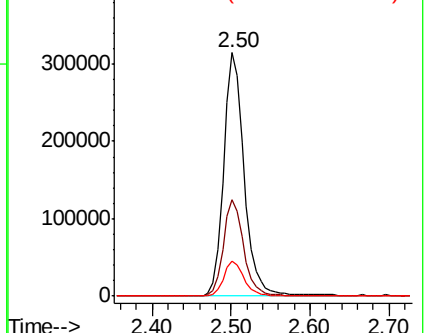
141 14.2 11.2 16.8



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



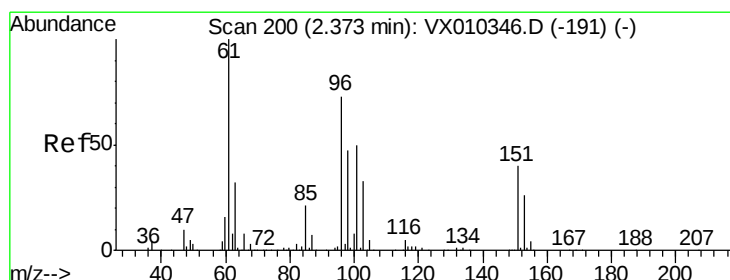
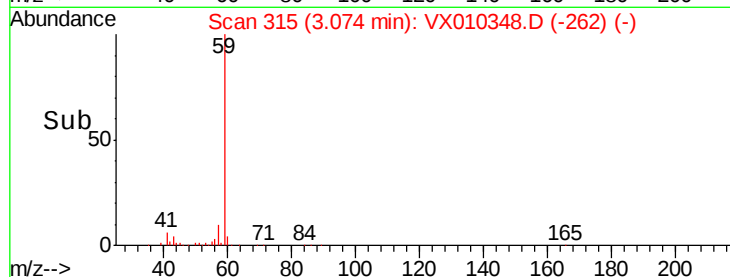
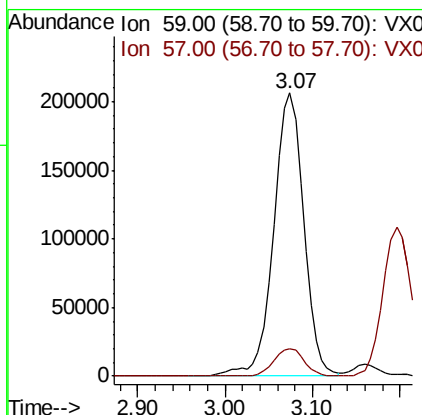
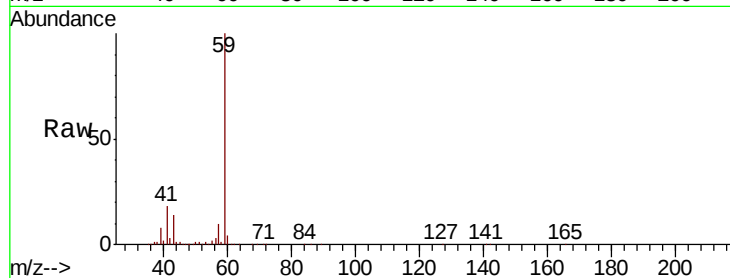


#11

Tert butyl alcohol
 Concen: 733.255 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.02 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

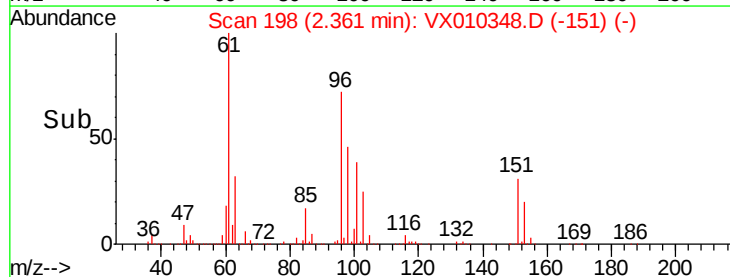
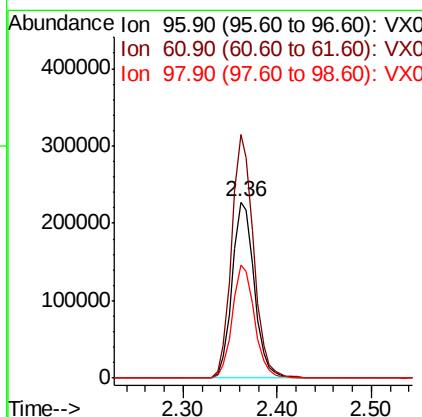
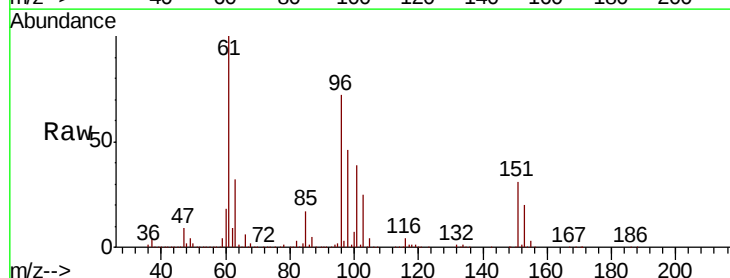
Tot Ion: 59 Resp: 492925
 Ion Ratio Lower Upper
 59 100
 57 9.9 7.7 11.5

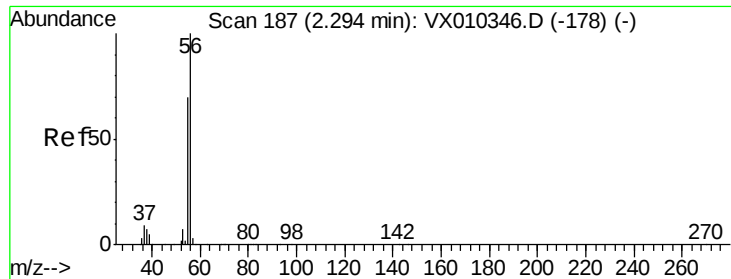


#12

1,1-Dichloroethene
 Concen: 147.227 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

Tgt Ion: 96 Resp: 371289
 Ion Ratio Lower Upper
 96 100
 61 138.3 109.2 163.8
 98 64.0 51.1 76.7





#13

Acrolein

Concen: 1900.638 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

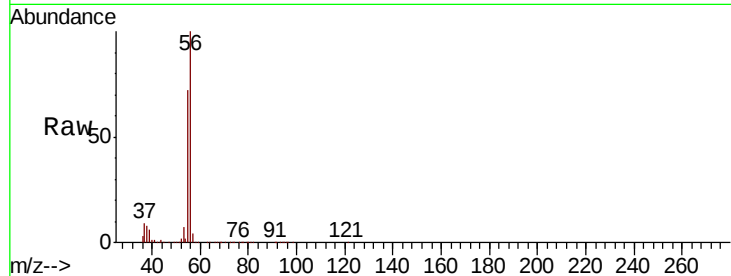
VSTDIC150

Tot Ion: 56 Resp: 346361

Ion Ratio Lower Upper

56 100

55 70.6 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

200000

150000

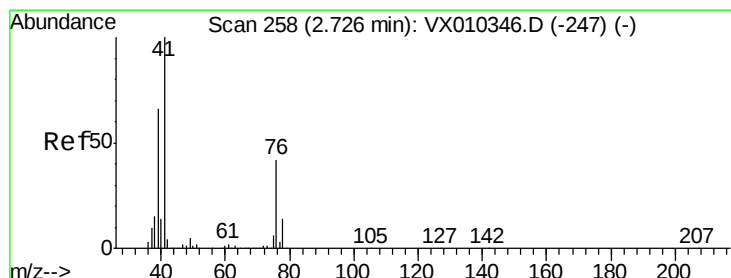
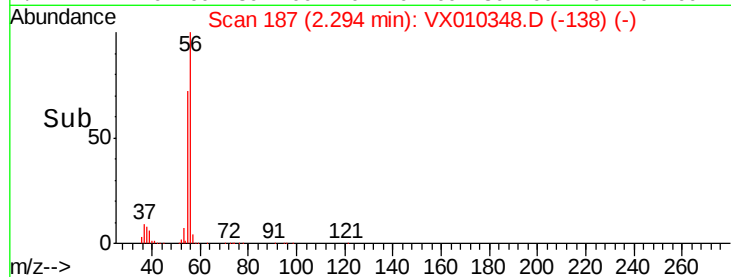
100000

50000

0

Time-->

2.20 2.30 2.40 2.50



#14

Allyl chloride

Concen: 144.692 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

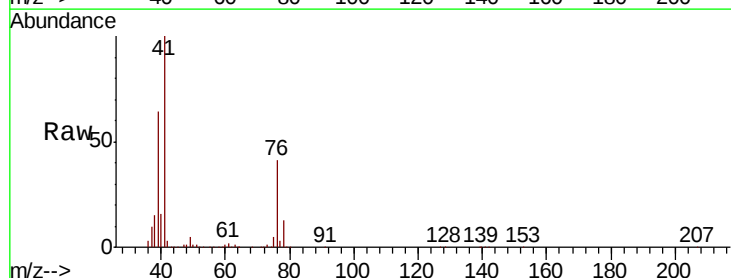
Tgt Ion: 41 Resp: 548019

Ion Ratio Lower Upper

41 100

39 62.5 50.3 75.5

76 39.2 31.3 46.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

300000

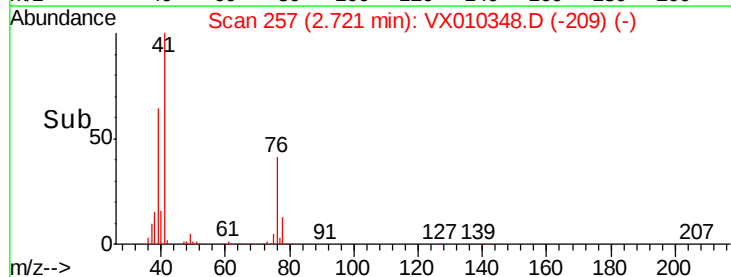
200000

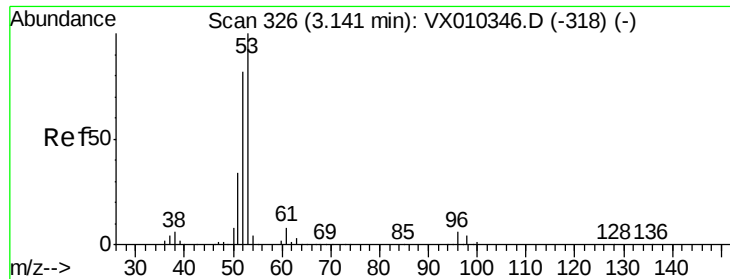
100000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 766.629 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

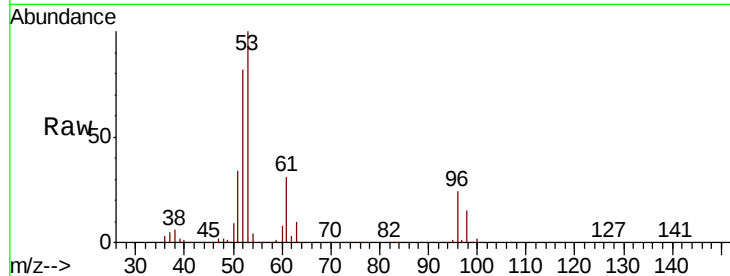
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1057620

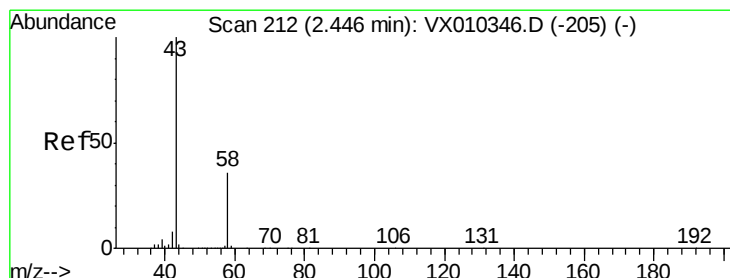
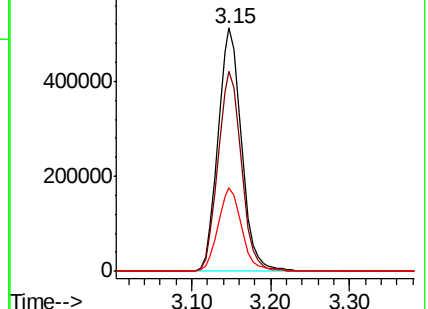
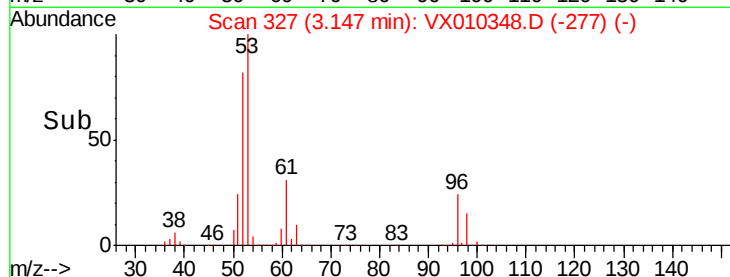
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.5	98.3
51	34.9	28.2	42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 762.946 ug/l

RT: 2.45 min Scan# 213

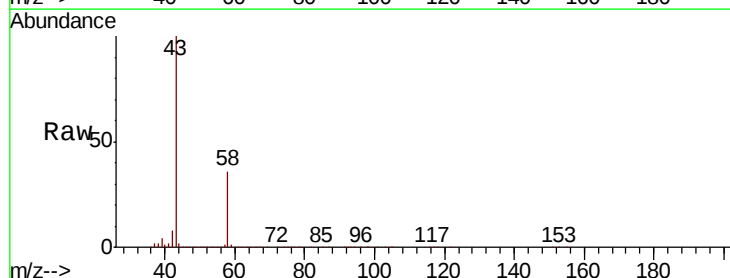
Delta R.T. 0.01 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

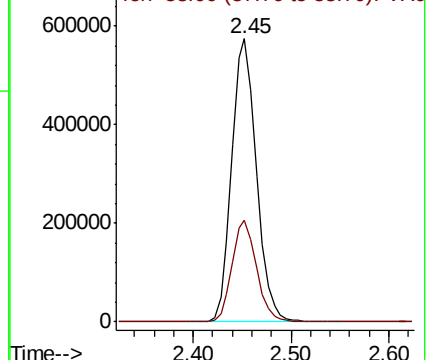
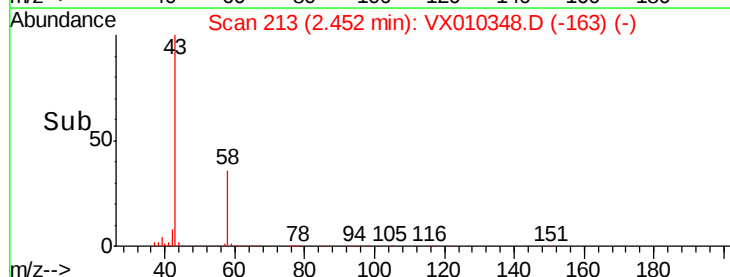
Tgt Ion: 43 Resp: 1004925

Ion	Ratio	Lower	Upper
43	100		
58	35.7	28.9	43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

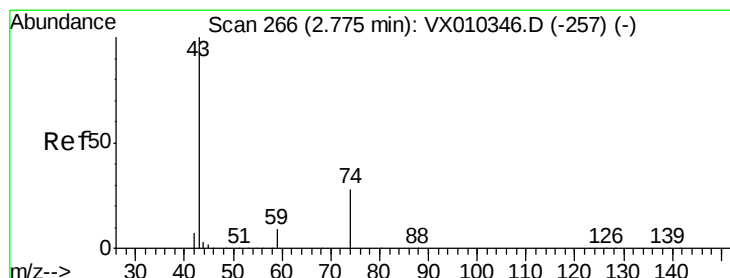
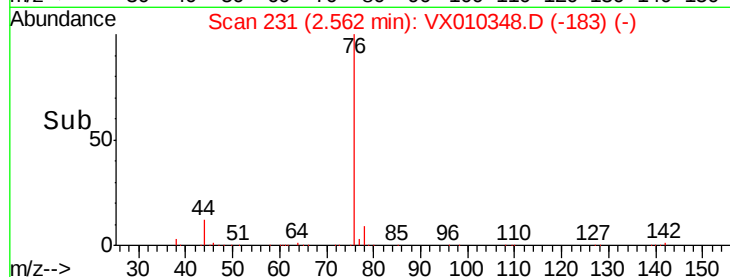
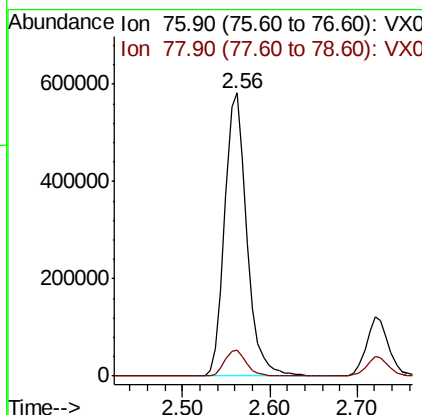
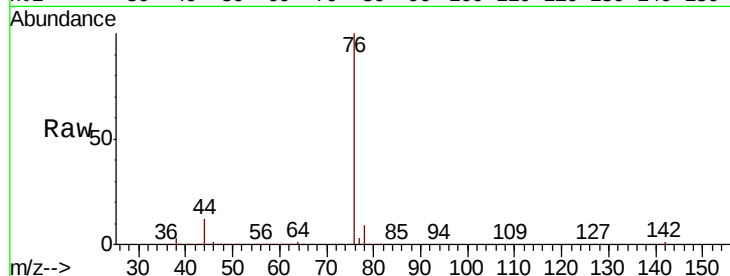




#17
Carbon Disulfide
Concen: 140.954 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

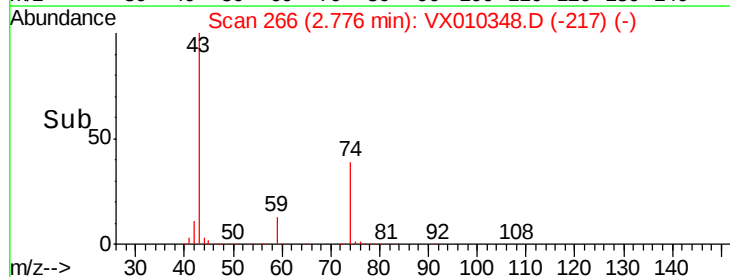
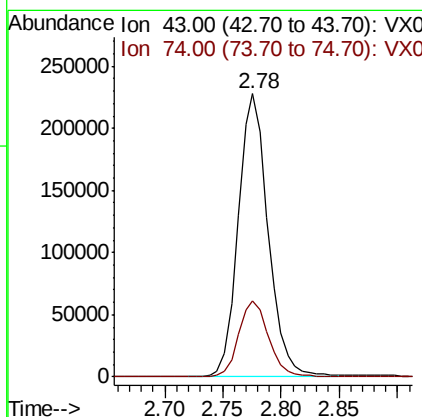
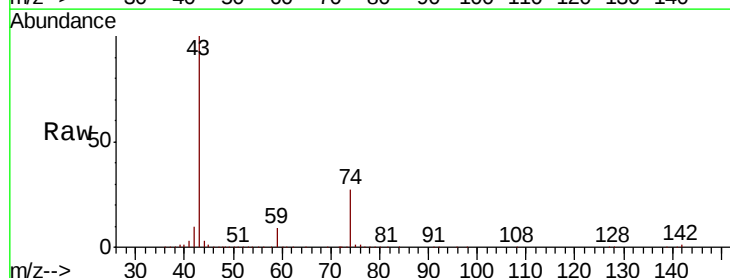
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

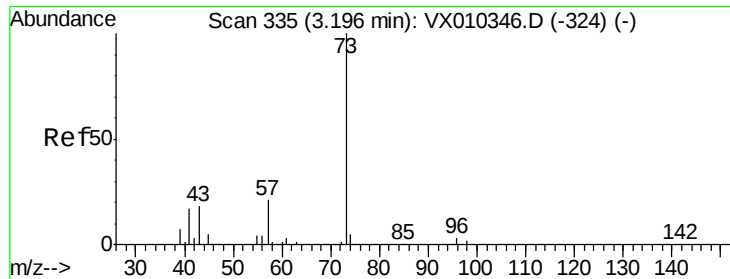
Tot Ion: 76 Resp: 1019253
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 143.706 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion: 43 Resp: 406638
Ion Ratio Lower Upper
43 100
74 27.0 21.3 31.9

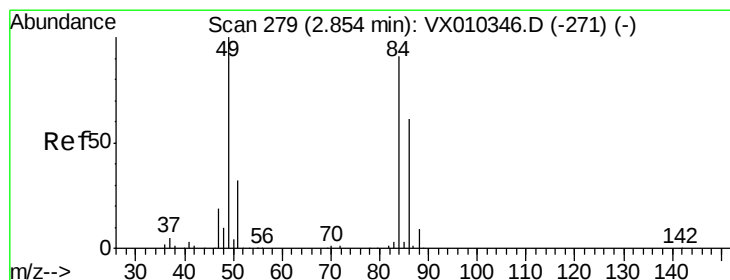
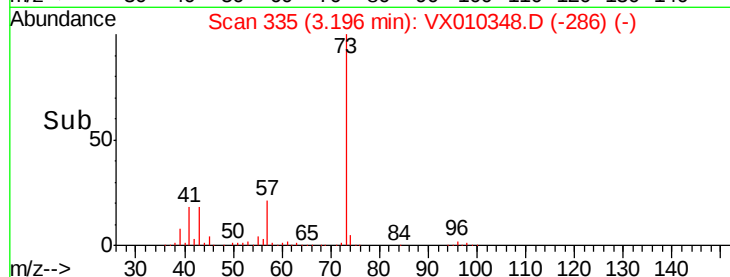
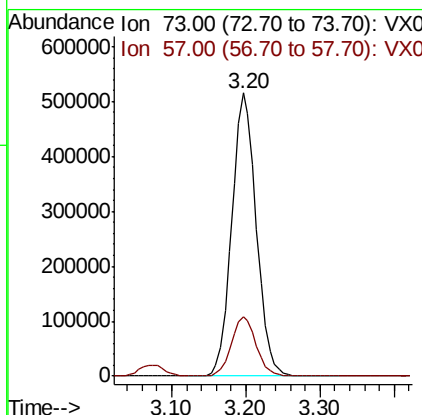
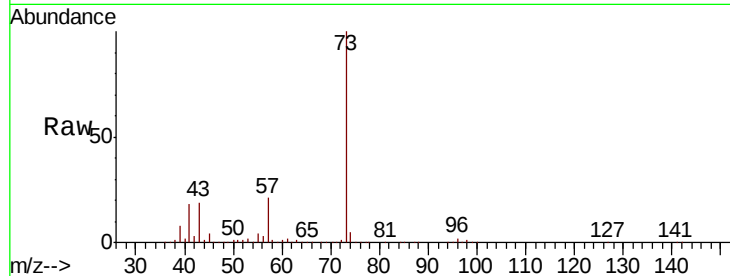




#19
Methyl tert-butyl Ether
Concen: 146.745 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

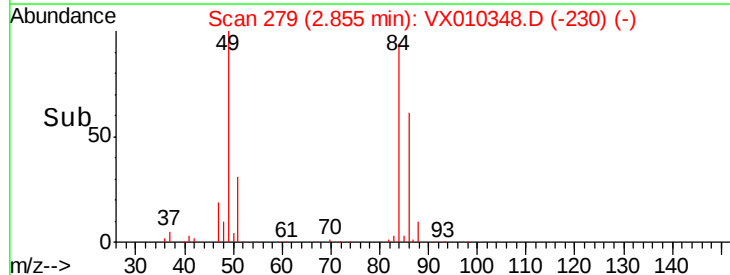
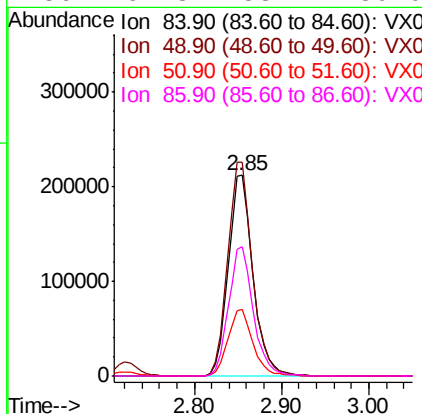
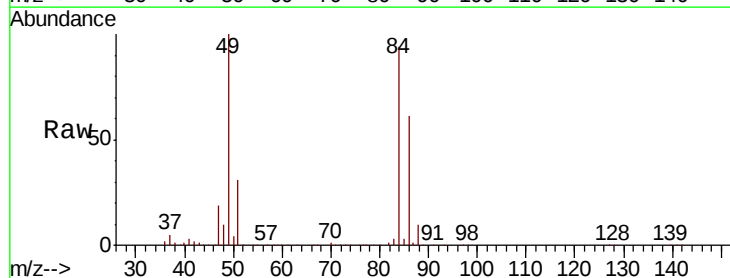
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

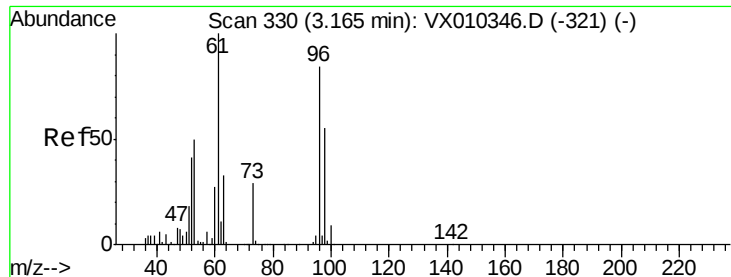
Tot Ion: 73 Resp: 1186510
Ion Ratio Lower Upper
73 100
57 21.0 16.4 24.6



#20
Methylene Chloride
Concen: 147.236 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion: 84 Resp: 417243
Ion Ratio Lower Upper
84 100
49 106.4 87.5 131.3
51 33.0 27.7 41.5
86 64.8 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 143.368 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

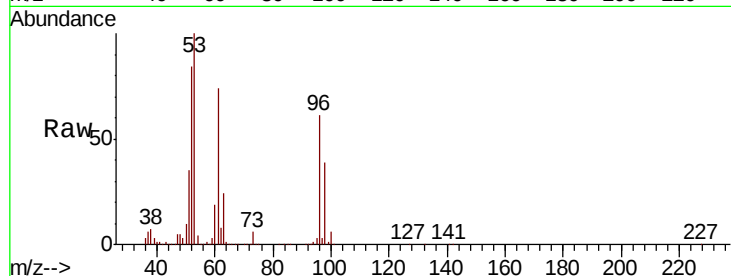
Tot Ion: 96 Resp: 399435

Ion Ratio Lower Upper

96 100

61 121.1 95.6 143.4

98 63.6 52.5 78.7

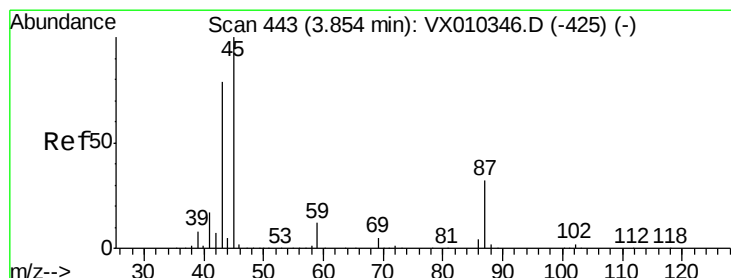
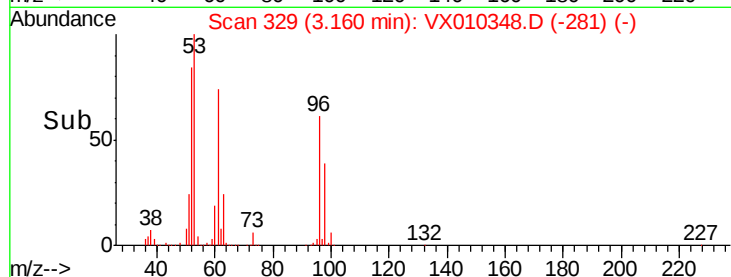
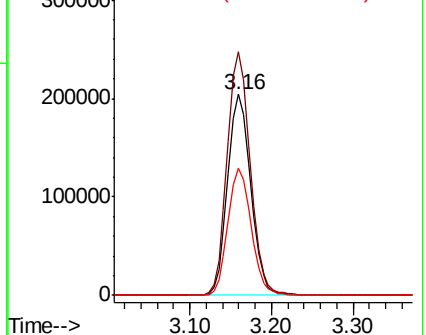


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 152.913 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Tgt Ion: 45 Resp: 1114296

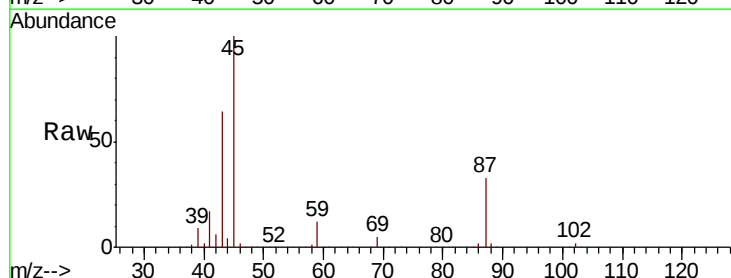
Ion Ratio Lower Upper

45 100

43 63.6 63.3 94.9

87 33.2 25.8 38.8

59 12.4 9.6 14.4



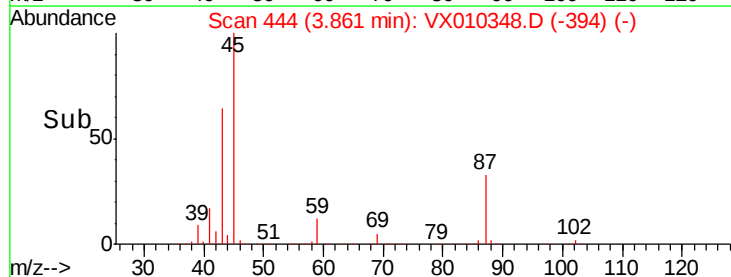
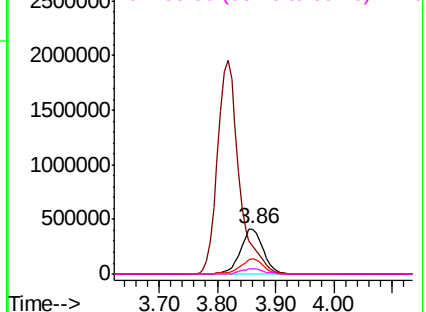
Abundance

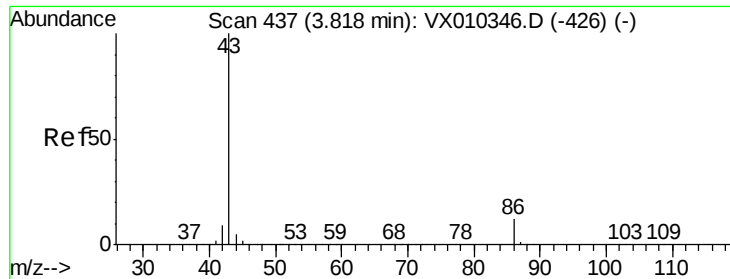
Ion 45.00 (44.70 to 45.70): VX0

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: 776.092 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

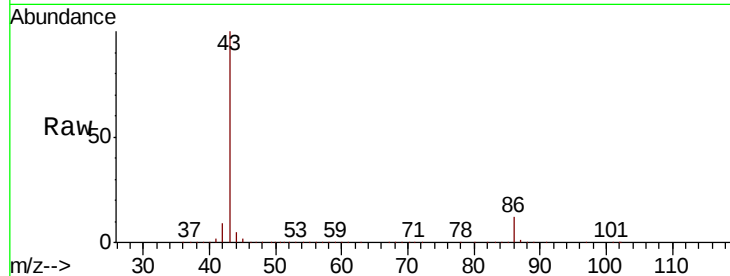
VSTDIC150

Tot Ion: 43 Resp: 5046429

Ion Ratio Lower Upper

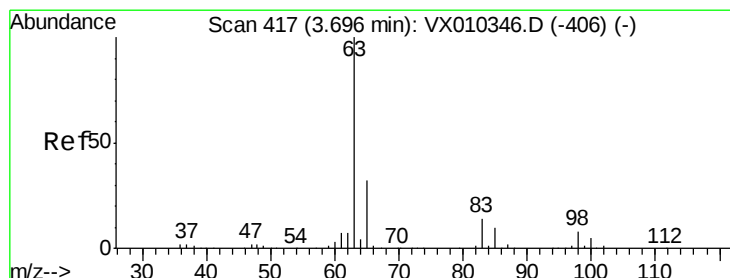
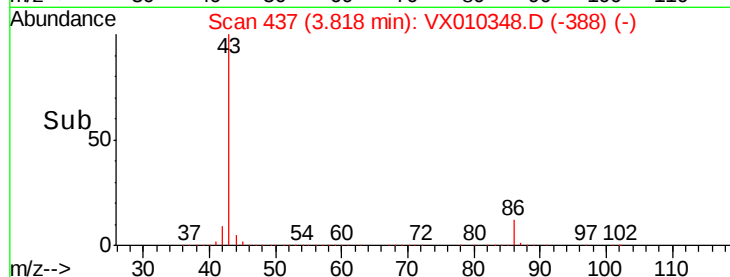
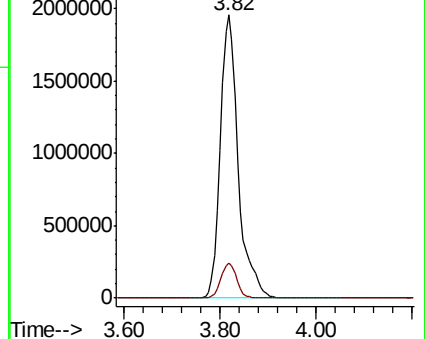
43 100

86 12.3 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: 146.995 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

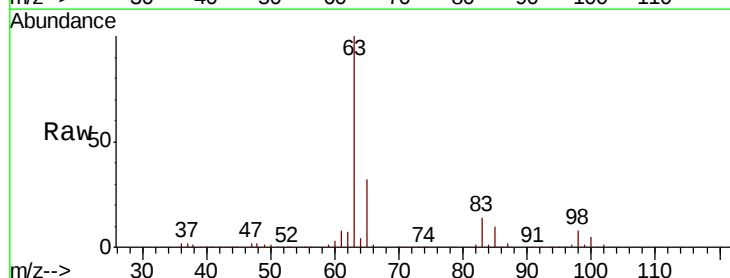
Tgt Ion: 63 Resp: 649513

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

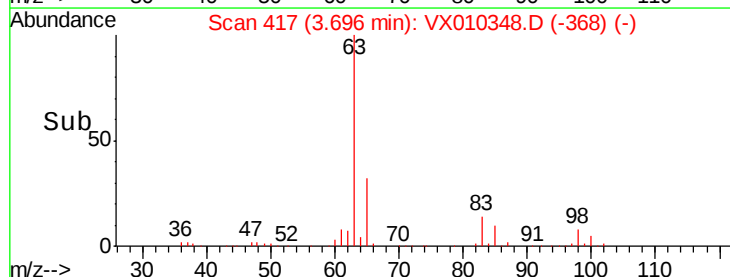
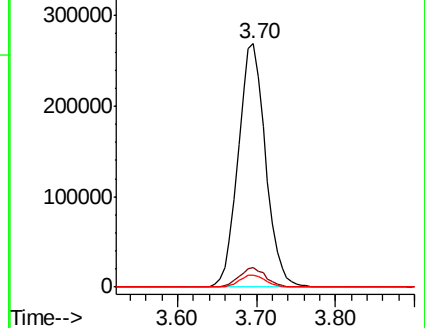
100 4.8 2.4 7.1

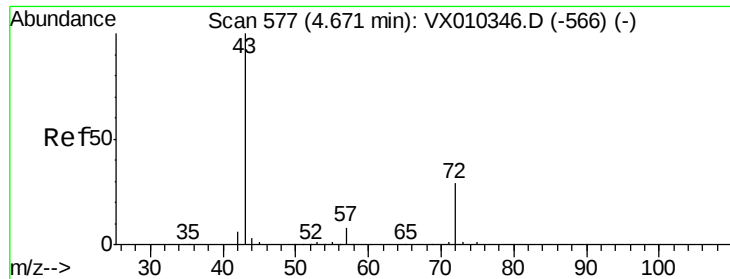


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 782.260 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

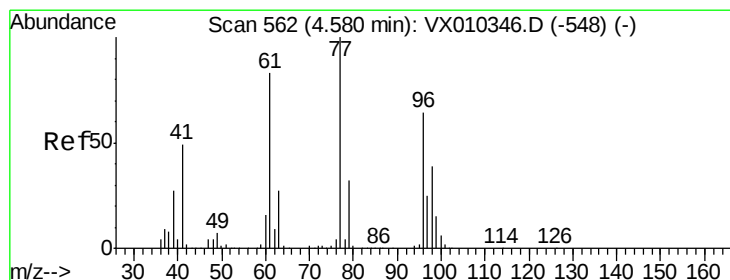
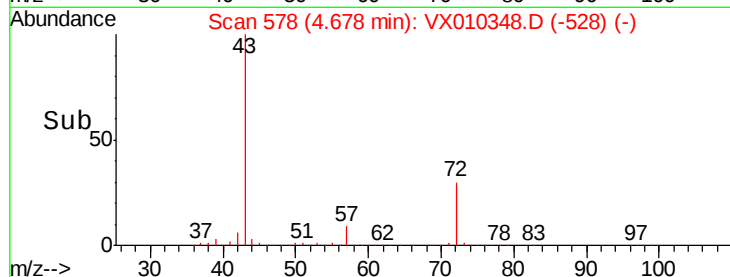
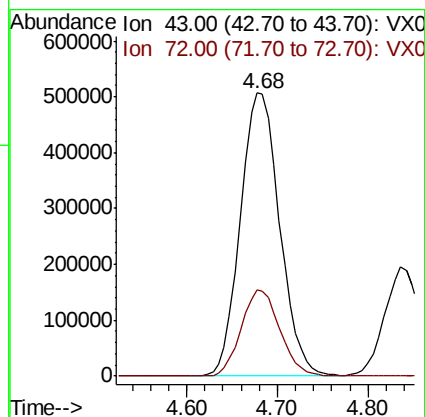
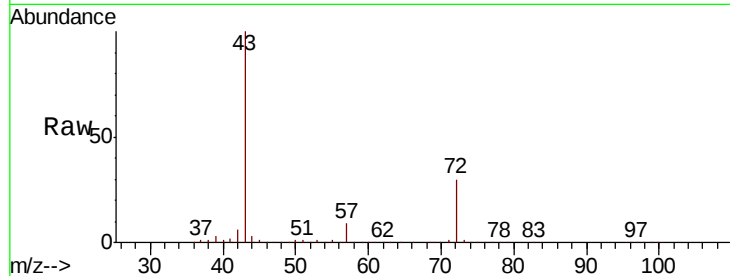
VSTDIC150

Tot Ion: 43 Resp: 1517483

Ion Ratio Lower Upper

43 100

72 30.4 23.3 34.9



#26

2,2-Dichloropropane

Concen: 137.983 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010348.D

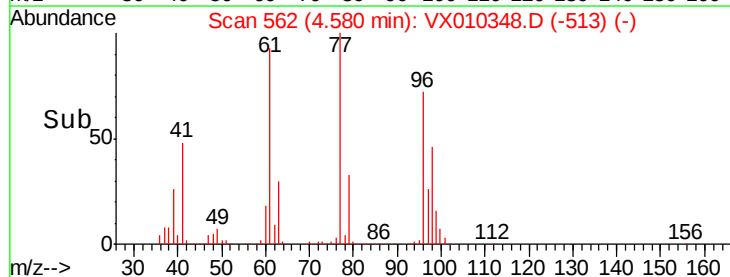
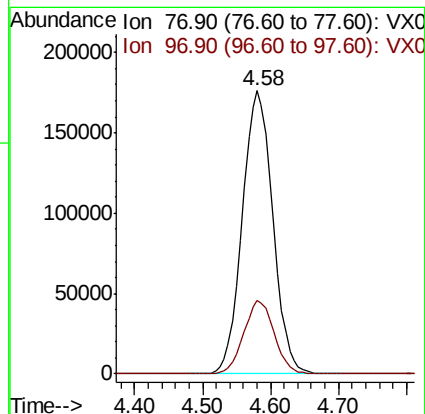
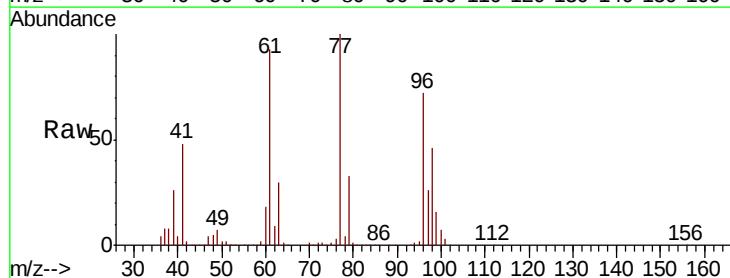
Acq: 19 Jun 2019 14:14

Tgt Ion: 77 Resp: 550361

Ion Ratio Lower Upper

77 100

97 26.0 13.1 39.3



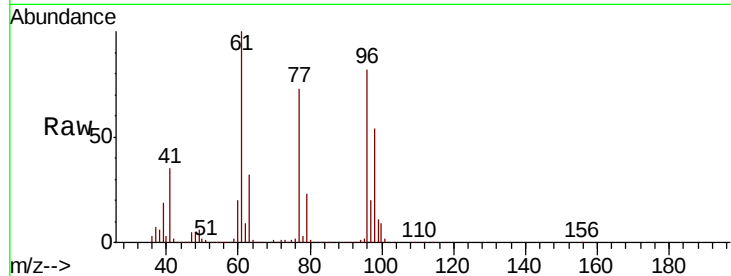


#27

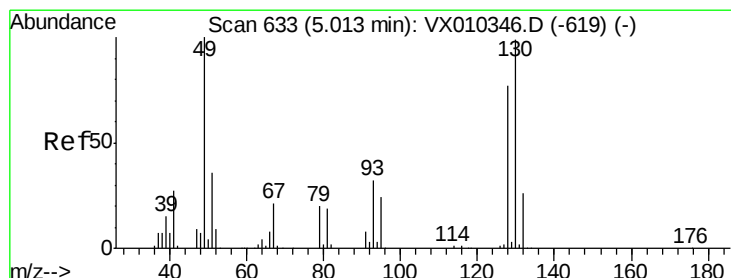
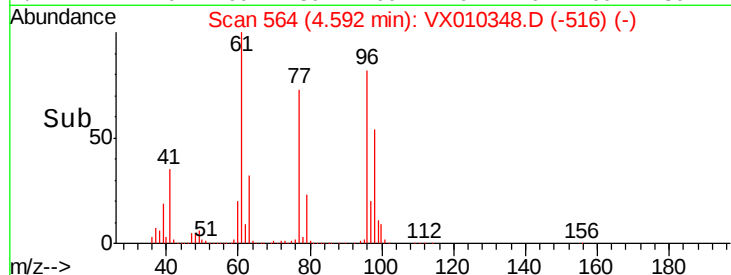
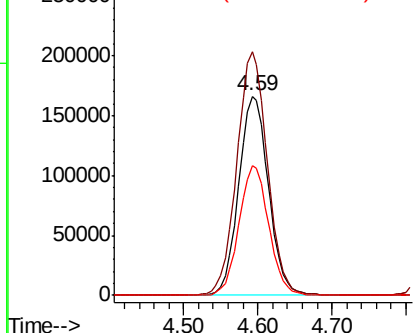
cis-1,2-Dichloroethene
Concen: 150.333 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 96 Resp: 467612
Ion Ratio Lower Upper
96 100
61 125.6 0.0 251.8
98 65.1 0.0 129.4



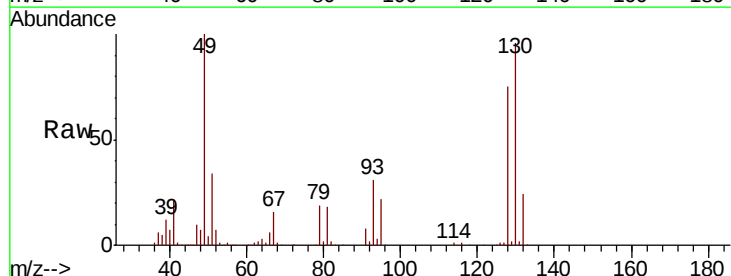
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



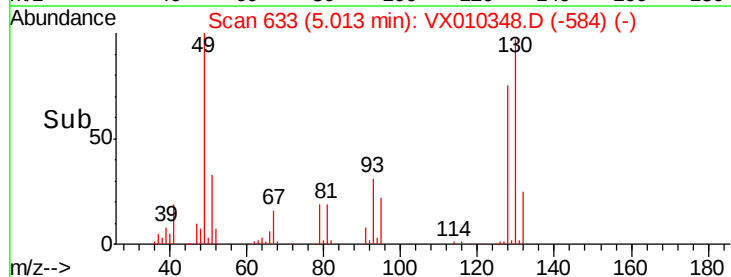
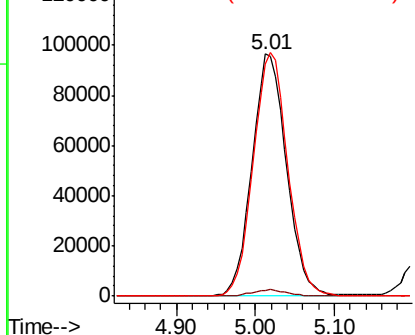
#28

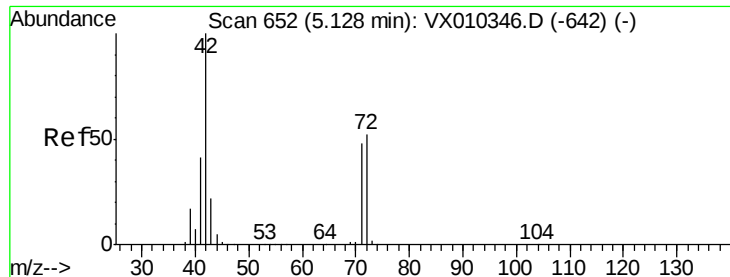
Bromochloromethane
Concen: 147.046 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion: 49 Resp: 292990
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.6
130 100.8 81.4 122.0



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





#29

Tetrahydrofuran

Concen: 766.563 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

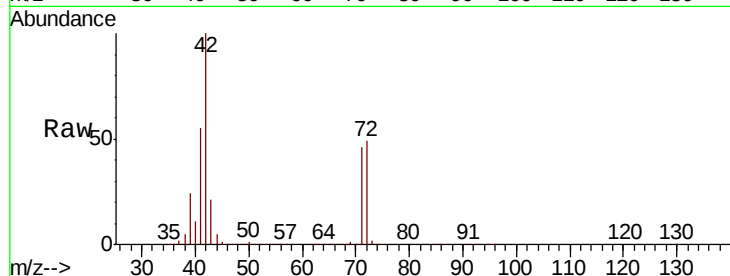
Tot Ion: 42 Resp: 930977

Ion Ratio Lower Upper

42 100

72 50.7 40.6 60.8

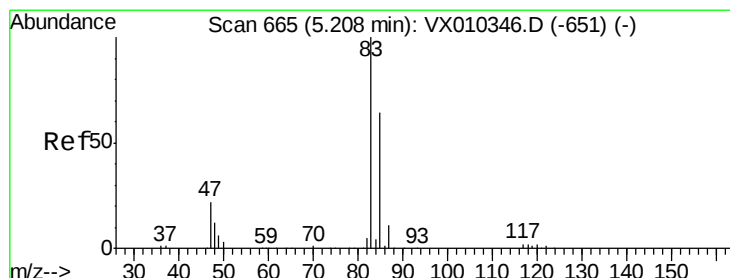
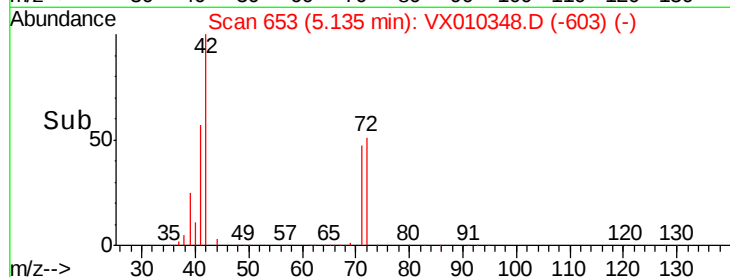
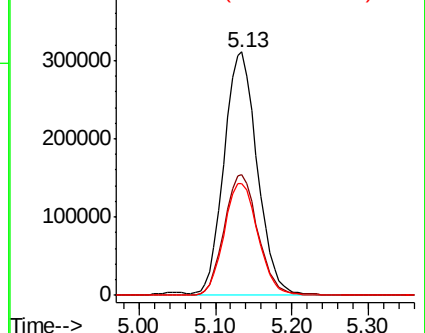
71 47.1 37.8 56.8



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: 150.922 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010348.D

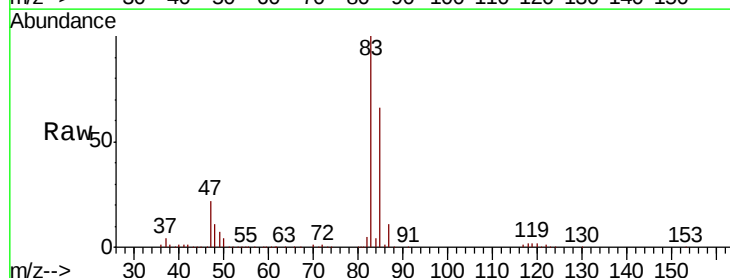
Acq: 19 Jun 2019 14:14

Tgt Ion: 83 Resp: 692822

Ion Ratio Lower Upper

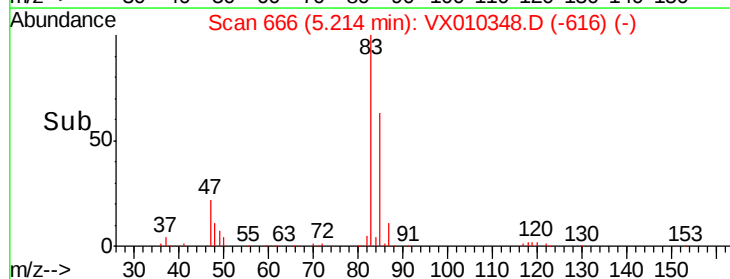
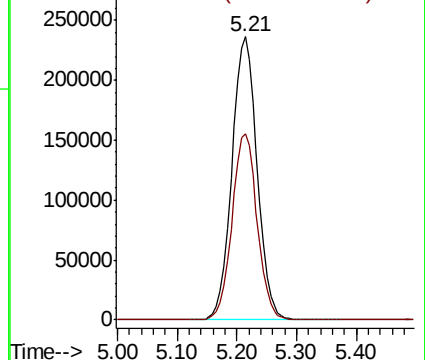
83 100

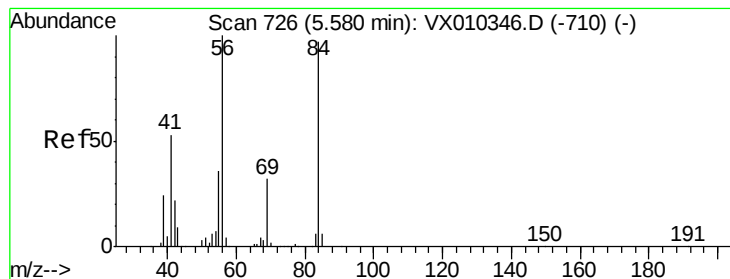
85 65.7 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 147.277 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

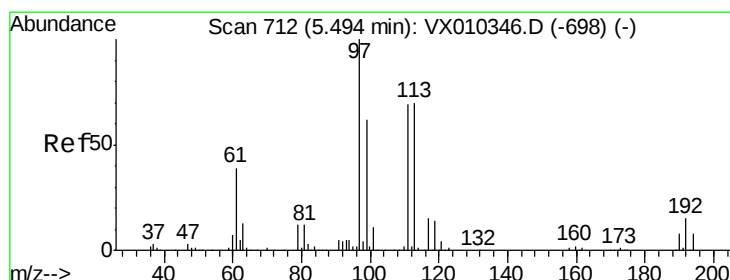
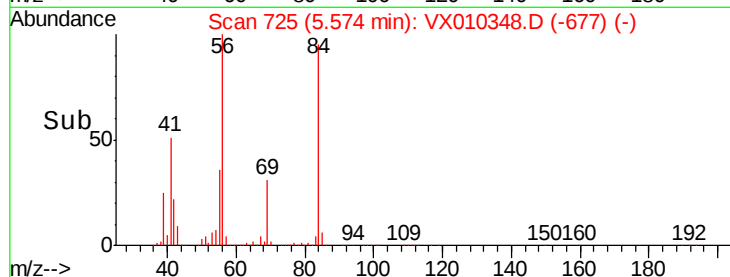
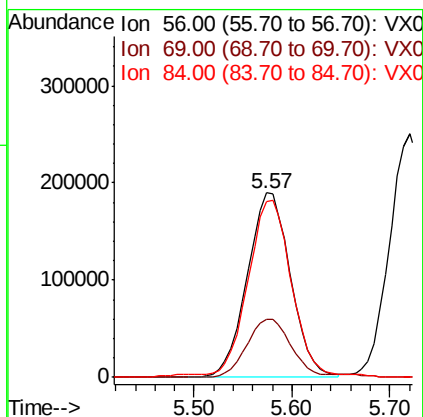
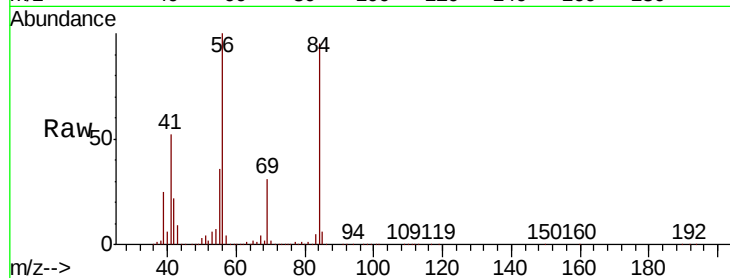
Tot Ion: 56 Resp: 583829

Ion Ratio Lower Upper

56 100

69 31.3 25.9 38.9

84 93.5 78.0 117.0



#32

1,1,1-Trichloroethane

Concen: 145.276 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

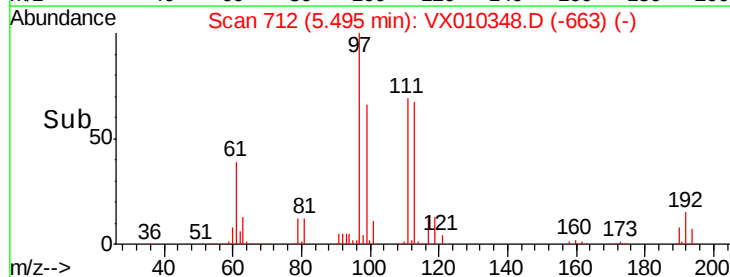
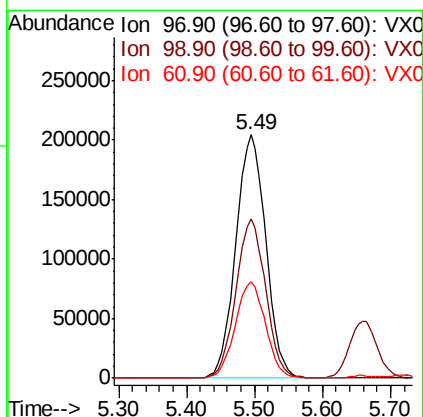
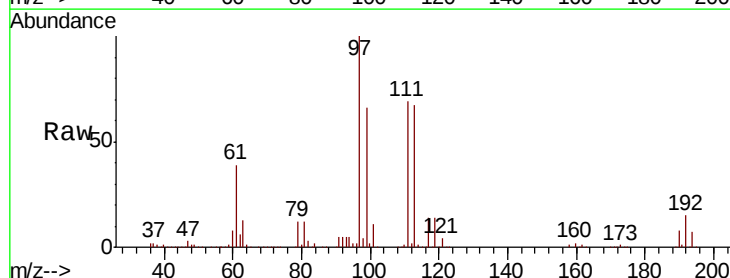
Tgt Ion: 97 Resp: 625877

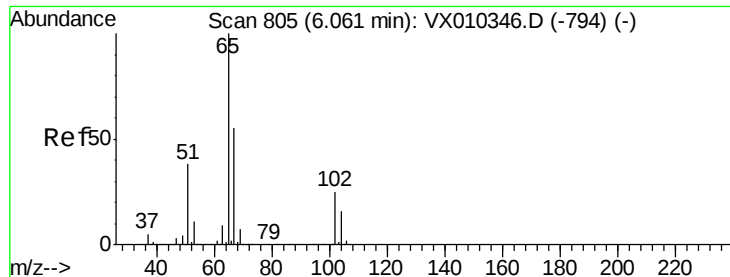
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

61 39.8 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 147.584 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

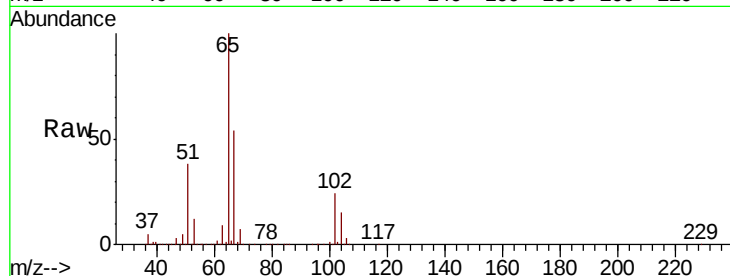
VSTDIC150

Tot Ion: 65 Resp: 405456

Ion Ratio Lower Upper

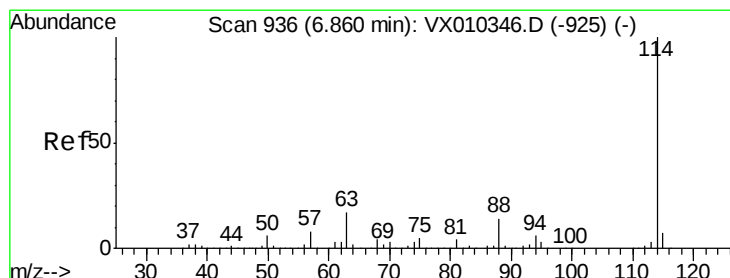
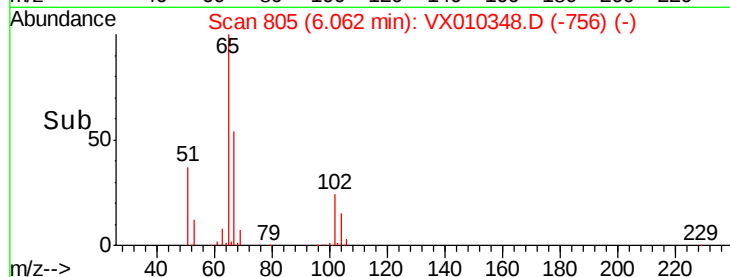
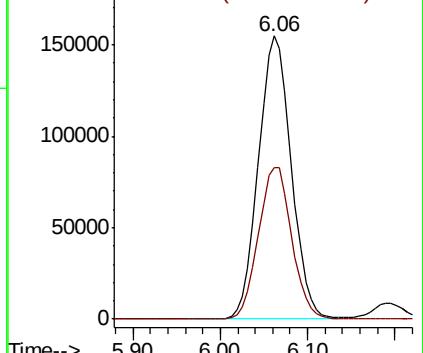
65 100

67 54.7 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: VX010348.D

Acq: 19 Jun 2019 14:14

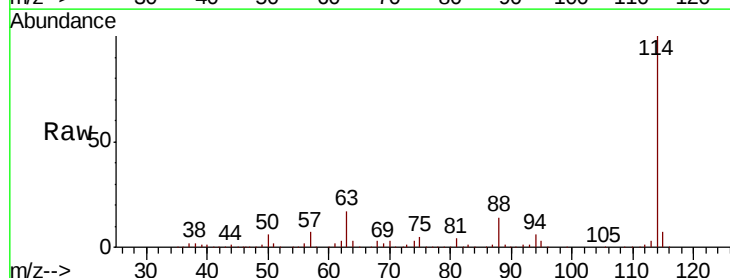
Tgt Ion: 114 Resp: 428035

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.8

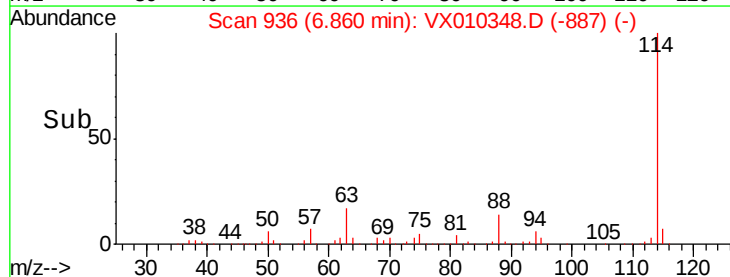
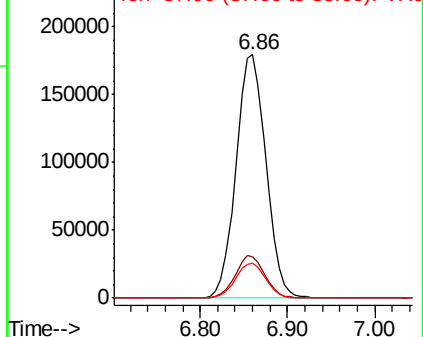
88 14.5 0.0 27.6

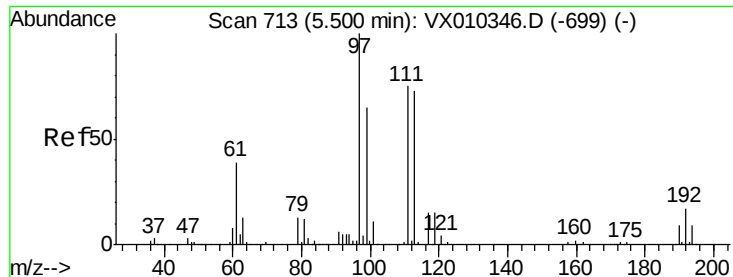


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

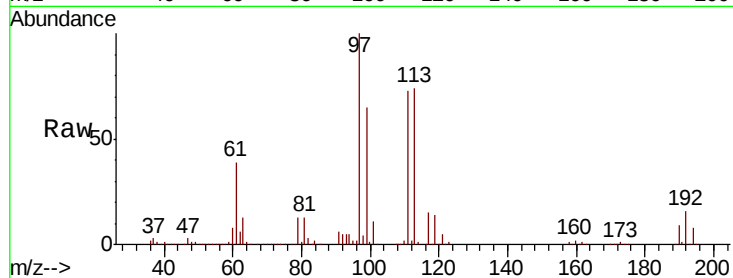




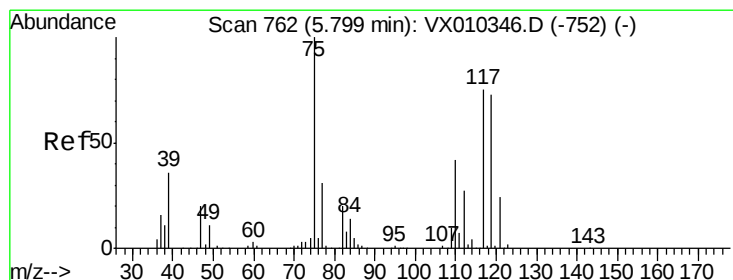
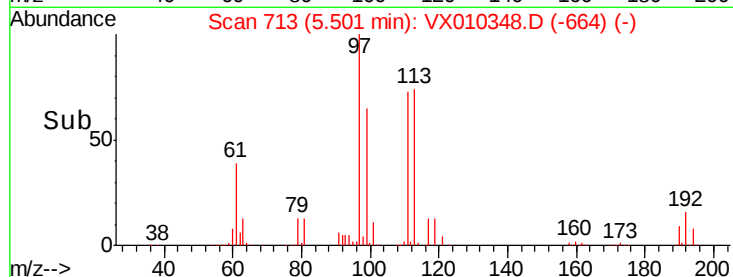
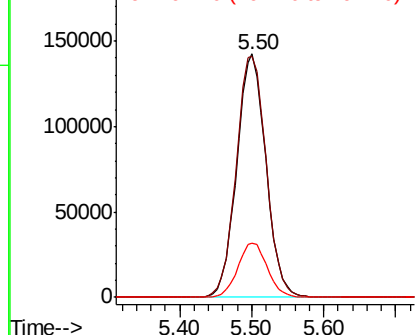
#35
Dibromofluoromethane
Concen: 150.443 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:113 Resp: 399698
Ion Ratio Lower Upper
113 100
111 101.9 81.2 121.8
192 22.6 18.6 27.8

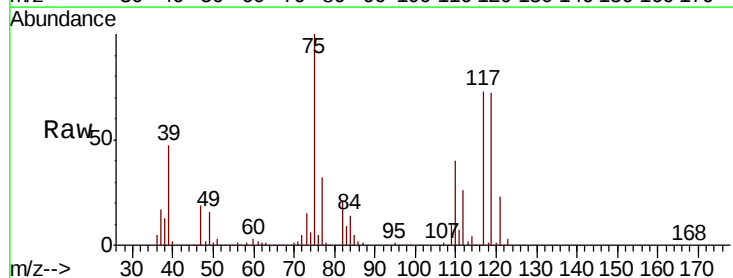


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

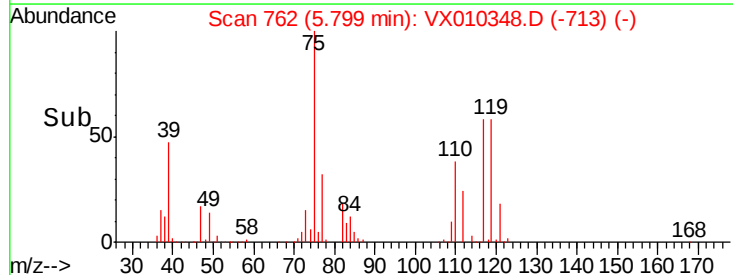
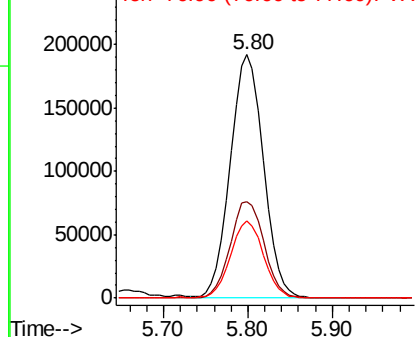


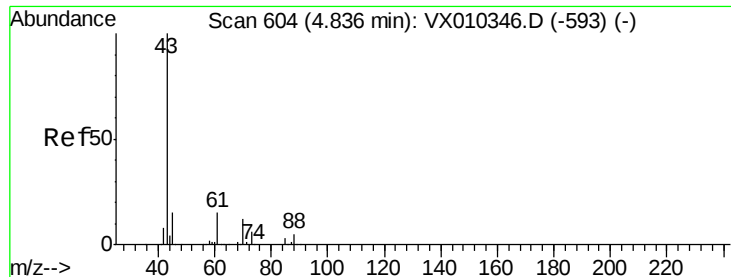
#36
1,1-Dichloropropene
Concen: 147.165 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion: 75 Resp: 513253
Ion Ratio Lower Upper
75 100
110 40.7 20.8 62.2
77 31.4 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

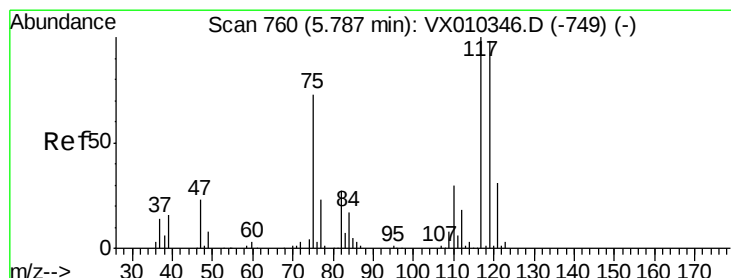
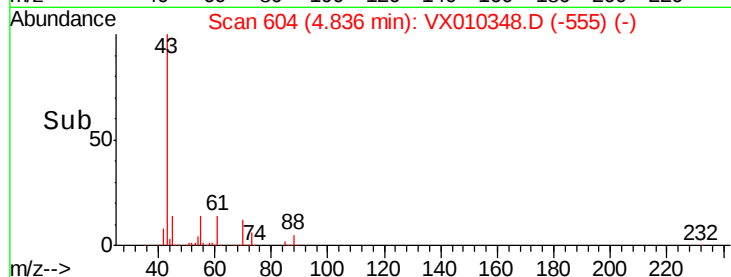
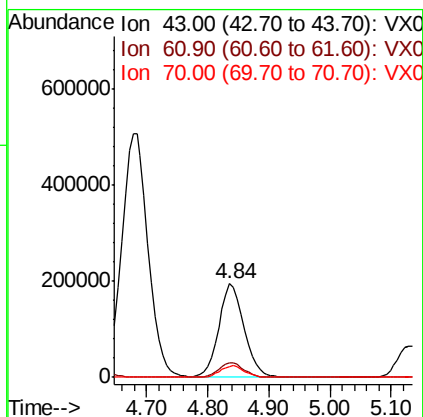
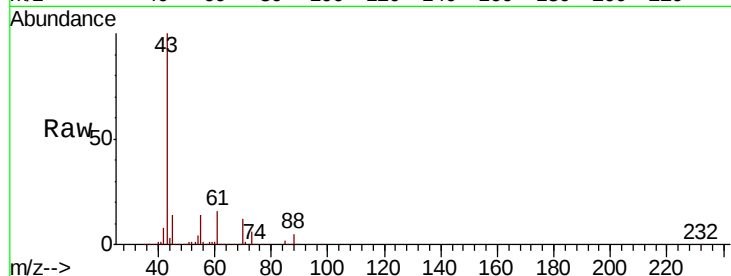




#37
Ethyl Acetate
Concen: 153.035 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

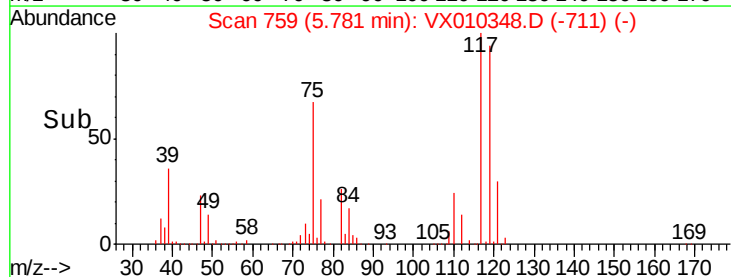
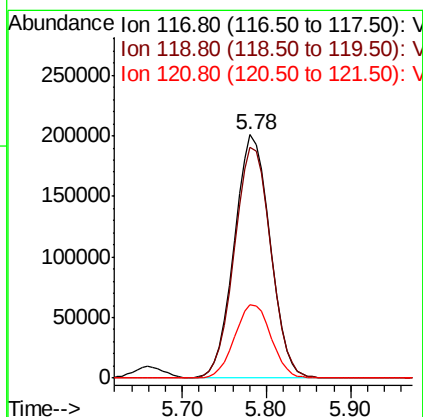
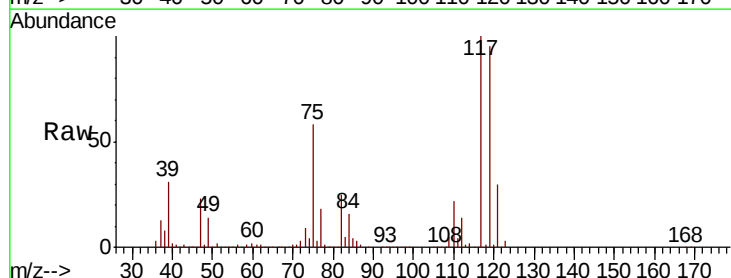
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 557885
Ion Ratio Lower Upper
43 100
61 15.3 12.4 18.6
70 12.1 9.8 14.8



#38
Carbon Tetrachloride
Concen: 146.899 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion: 117 Resp: 578813
Ion Ratio Lower Upper
117 100
119 94.8 78.2 117.4
121 30.3 24.7 37.1

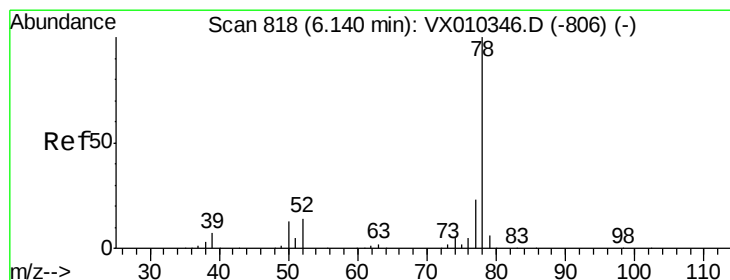
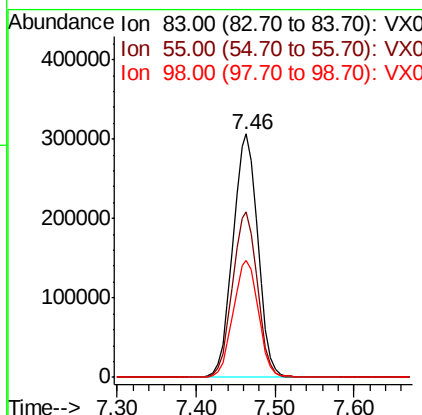
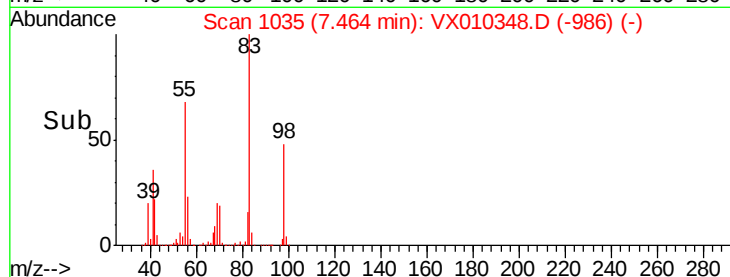
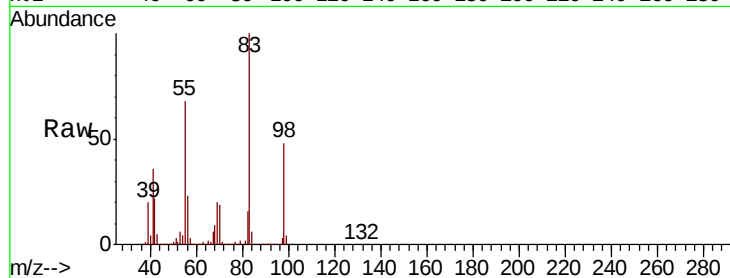




#39
Methvlcvclohexane
Concen: 142.154 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

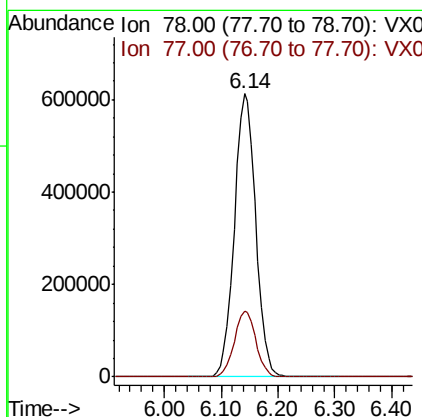
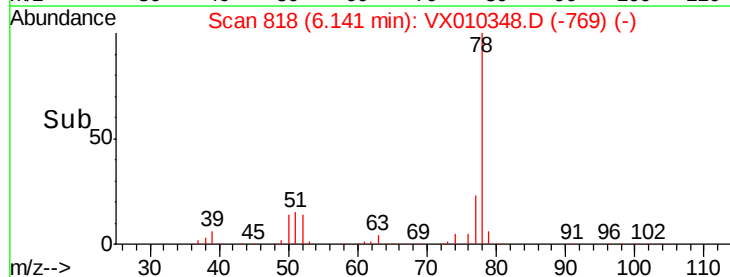
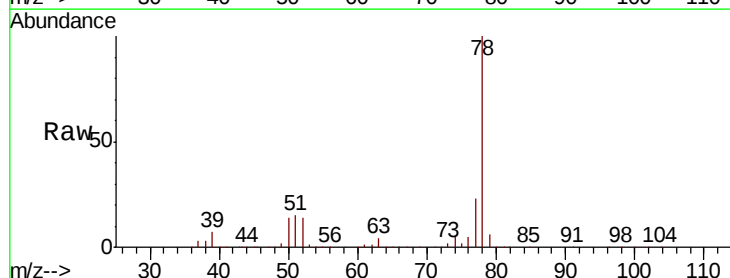
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion: 83 Resp: 672743
Ion Ratio Lower Upper
83 100
55 68.2 53.0 79.6
98 48.1 37.8 56.8



#40
Benzene
Concen: 148.824 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion: 78 Resp: 1608640
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

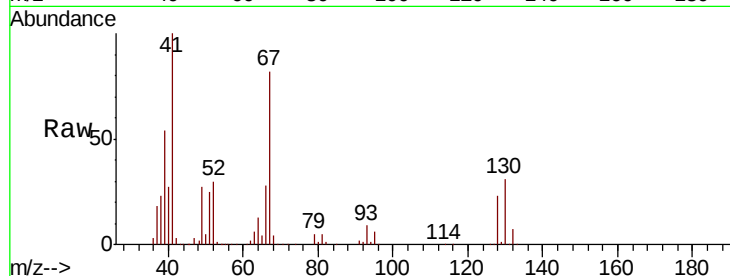




#41
Methacrylonitrile
Concen: 150.830 ug/l
RT: 5.05 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion:	41	Resp:	296462
Ion	Ratio	Lower	Upper
41	100		
39	54.6	43.8	65.8
67	83.6	66.6	100.0
52	31.1	24.5	36.7



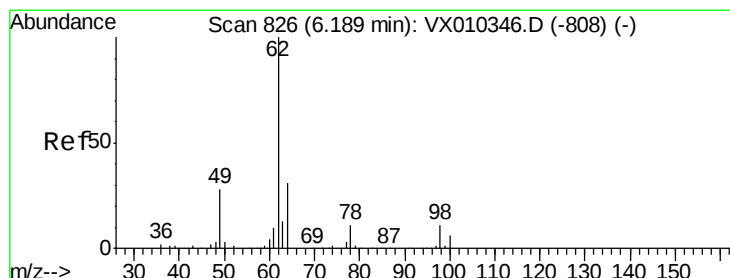
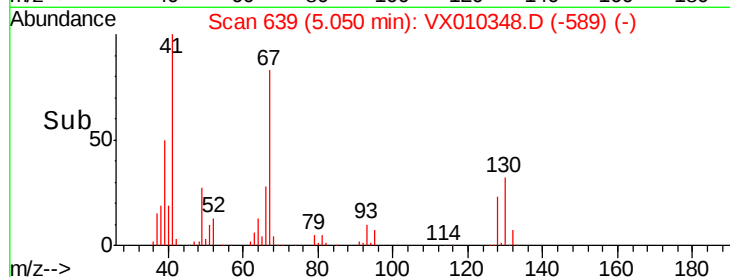
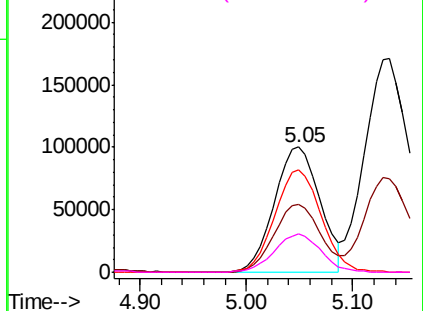
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

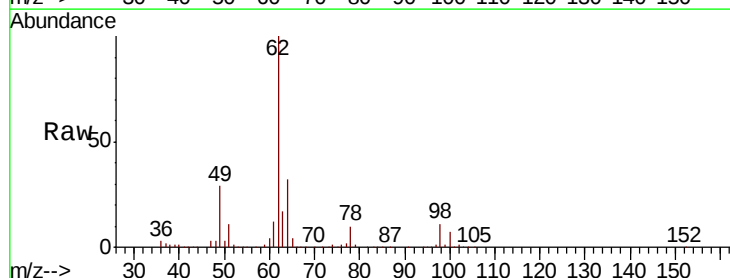
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 146.695 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

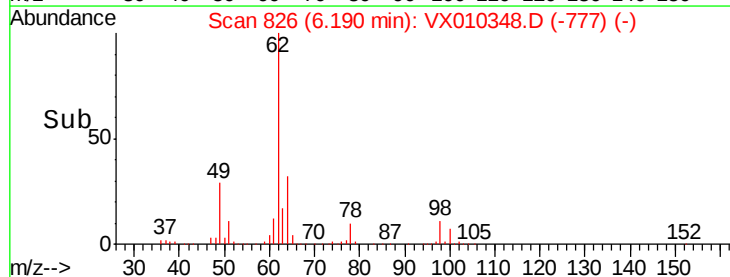
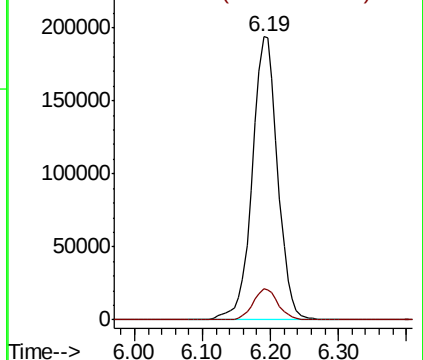
Tgt Ion:	62	Resp:	504271
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.2

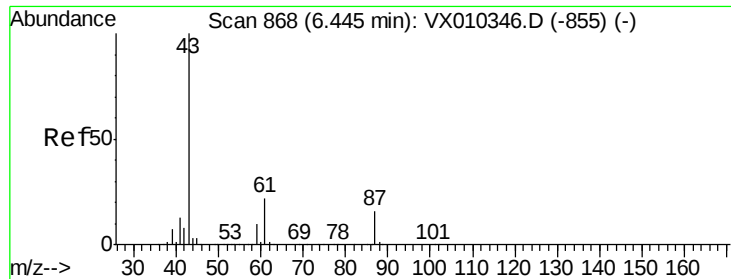


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



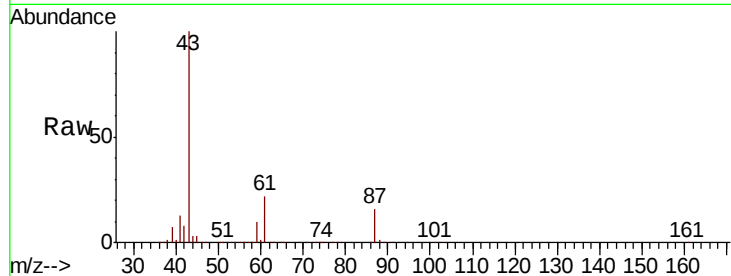


#43

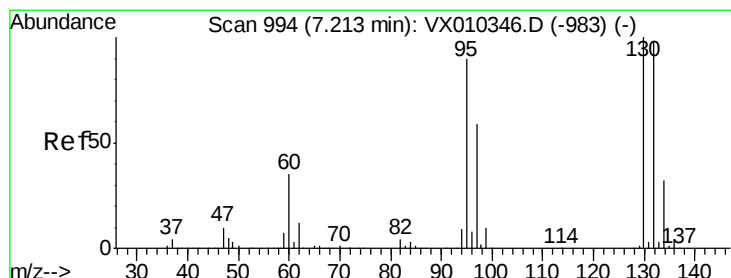
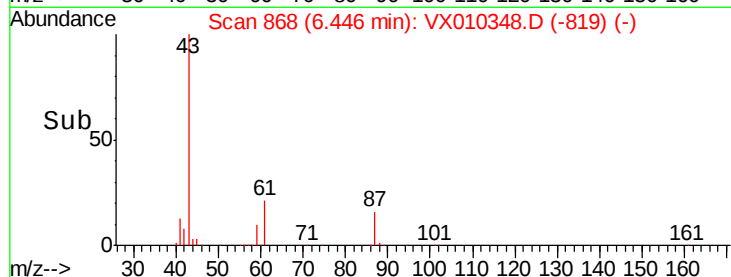
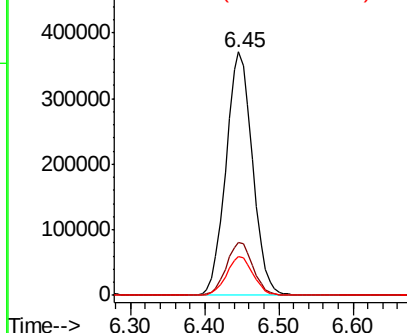
Isopropyl Acetate
 Concen: 152.182 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 923612
 Ion Ratio Lower Upper
 43 100
 61 21.9 17.8 26.6
 87 15.9 13.0 19.4



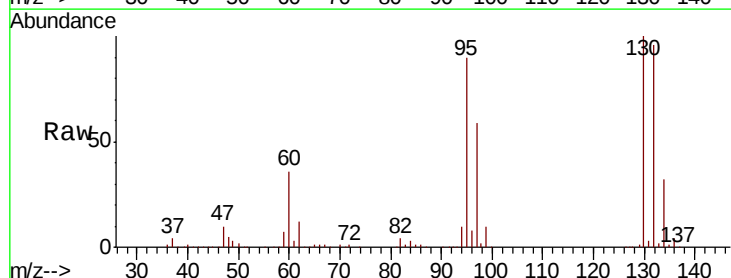
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



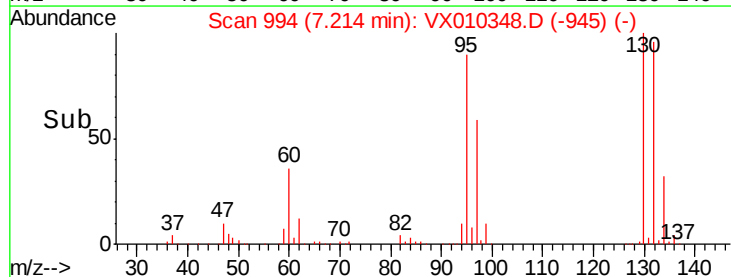
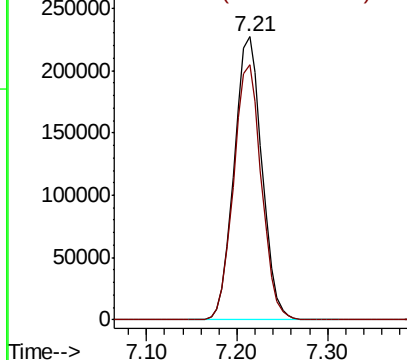
#44

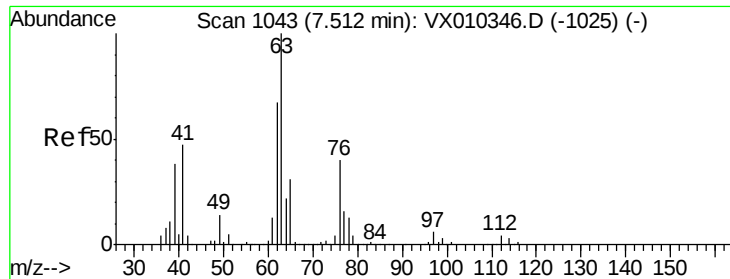
Trichloroethene
 Concen: 148.369 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

Tgt Ion: 130 Resp: 483928
 Ion Ratio Lower Upper
 130 100
 95 90.0 0.0 180.8



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





#45

1,2-Dichloropropane

Concen: 149.909 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

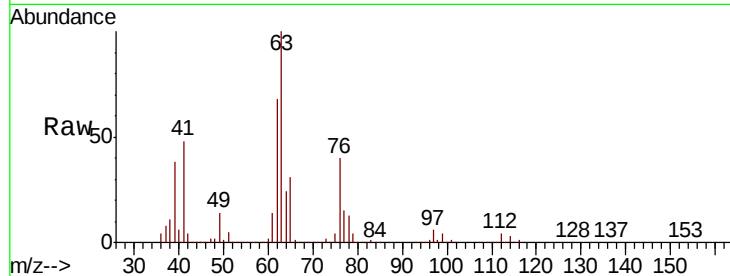
VSTDIC150

Tot Ion: 63 Resp: 405544

Ion Ratio Lower Upper

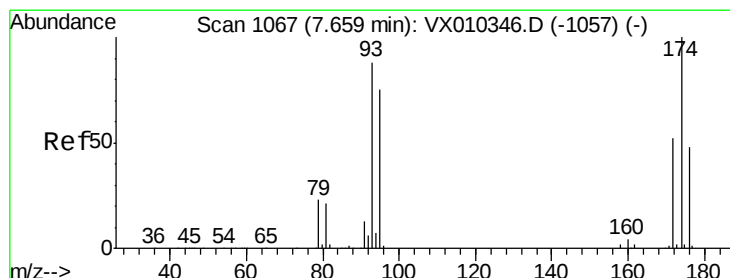
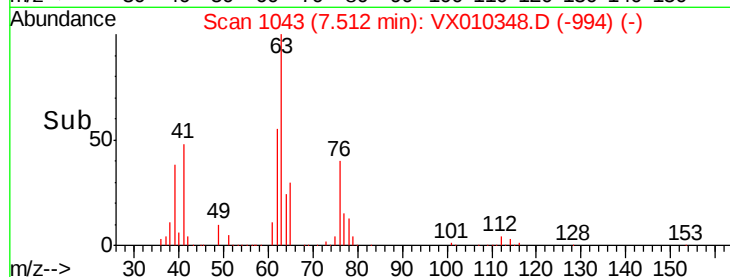
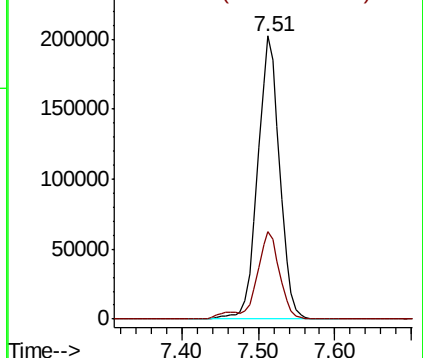
63 100

65 31.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 146.658 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

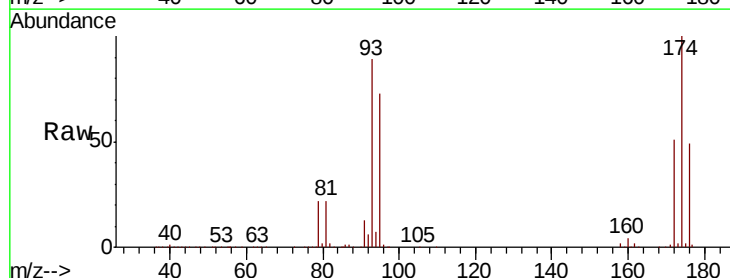
Tgt Ion: 93 Resp: 297487

Ion Ratio Lower Upper

93 100

95 84.6 67.5 101.3

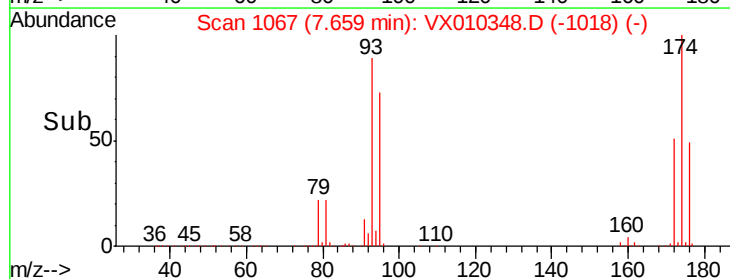
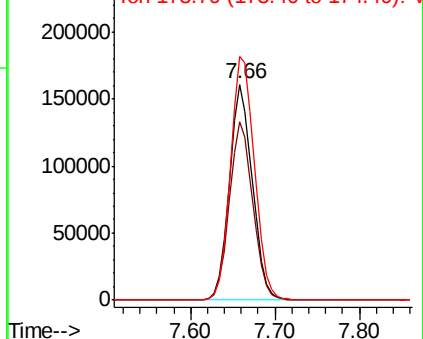
174 117.7 95.8 143.6

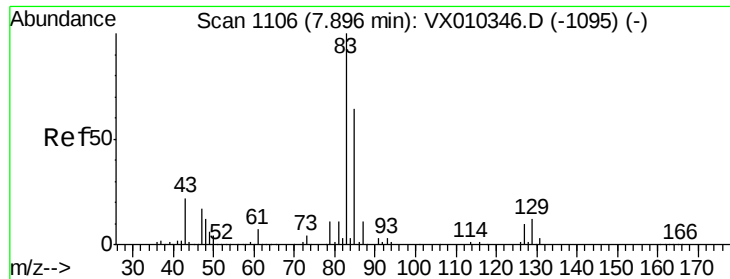


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 150.305 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

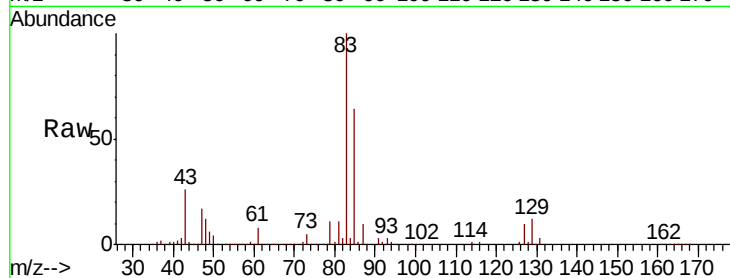
Tot Ion: 83 Resp: 566039

Ion Ratio Lower Upper

83 100

85 63.9 51.5 77.3

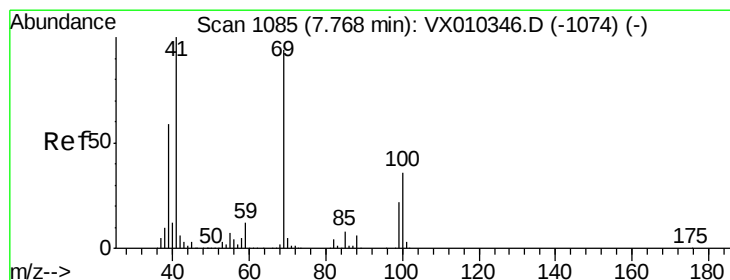
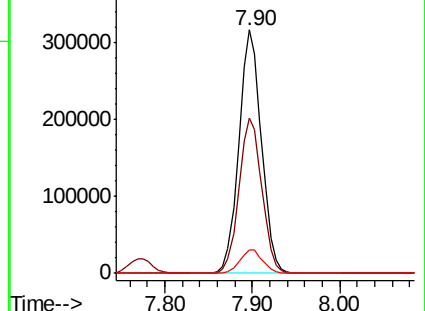
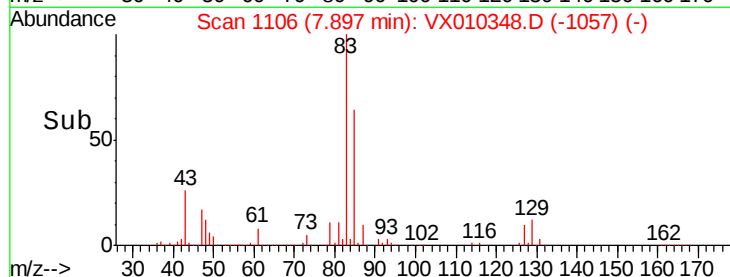
127 9.6 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 156.675 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

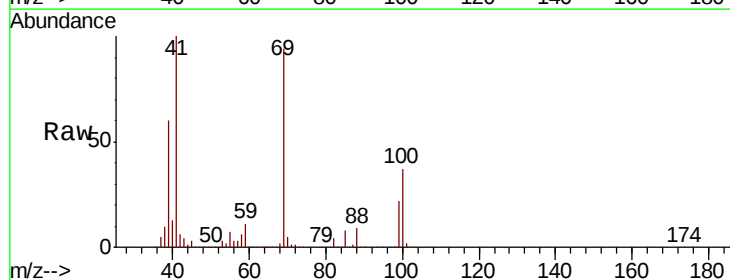
Tgt Ion: 41 Resp: 443168

Ion Ratio Lower Upper

41 100

69 94.3 76.1 114.1

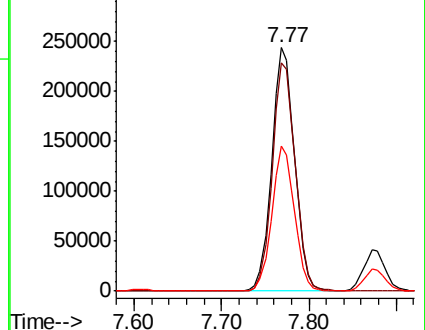
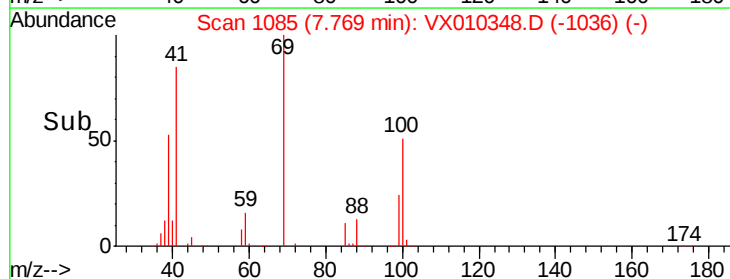
39 58.7 47.6 71.4

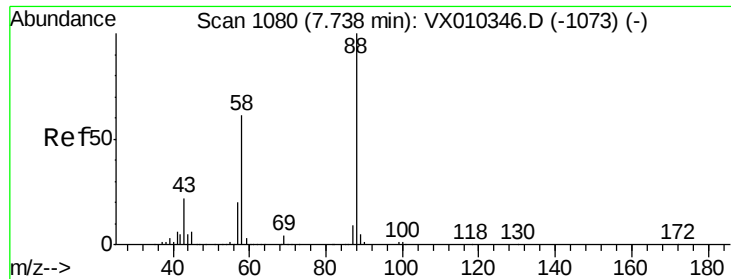


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 2864.819 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

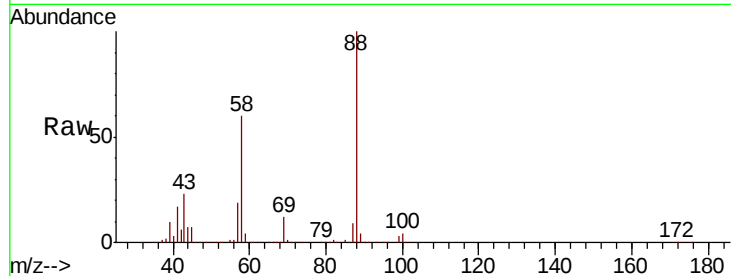
Tot Ion: 88 Resp: 231824

Ion Ratio Lower Upper

88 100

43 26.1 20.2 30.2

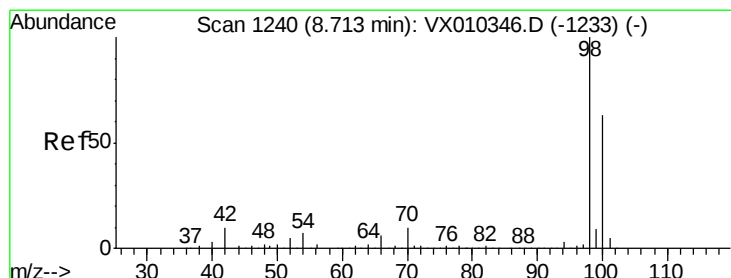
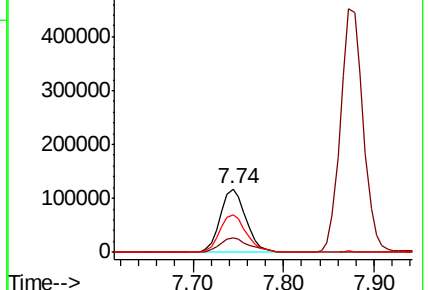
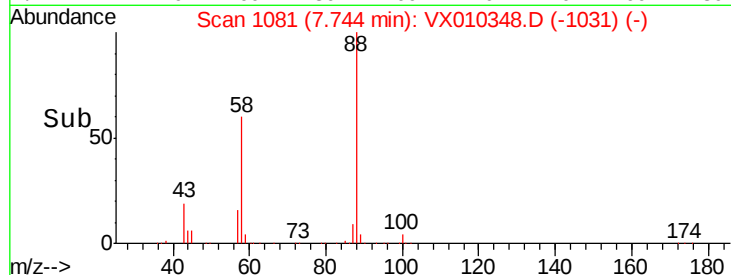
58 61.5 49.5 74.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 152.135 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010348.D

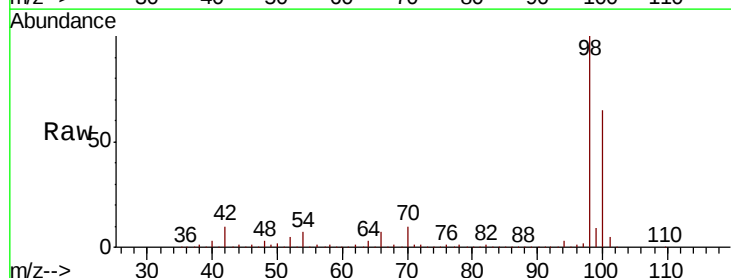
Acq: 19 Jun 2019 14:14

Tgt Ion: 98 Resp: 1517540

Ion Ratio Lower Upper

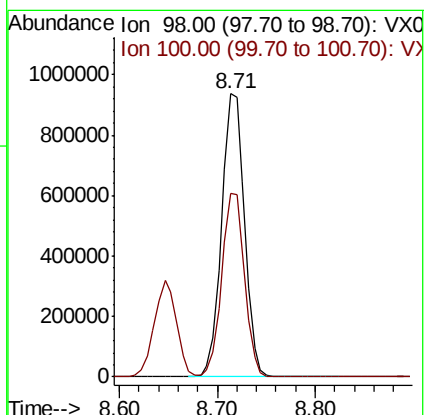
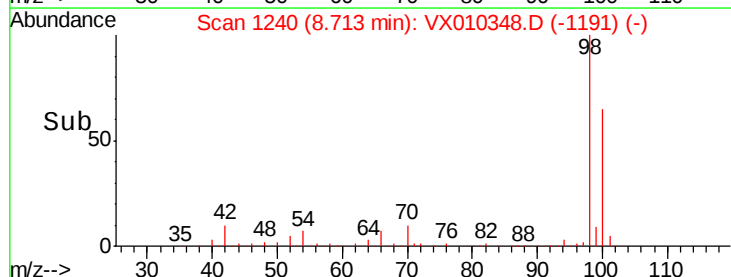
98 100

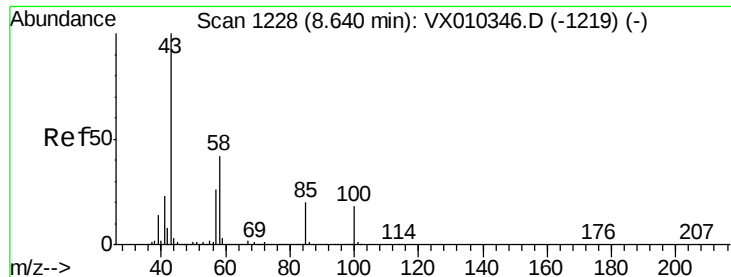
100 64.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

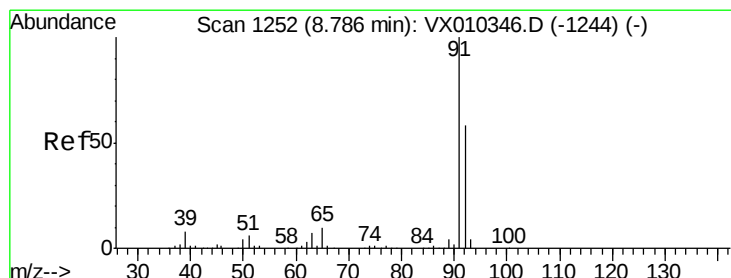
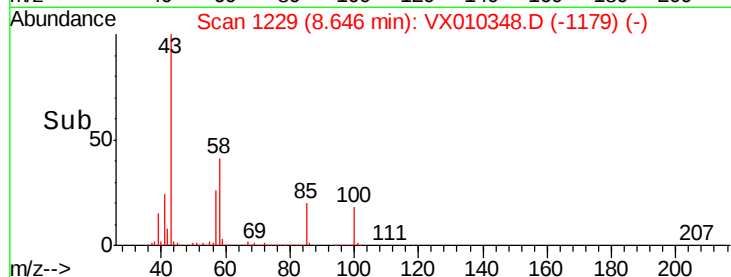
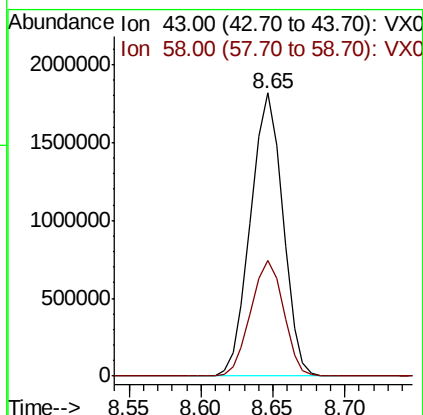
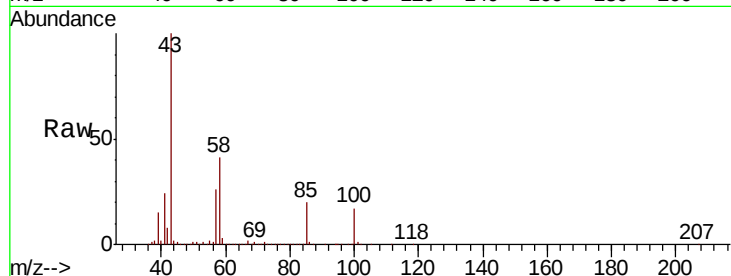




#51
4-Methyl-2-Pentanone
Concen: 775.697 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

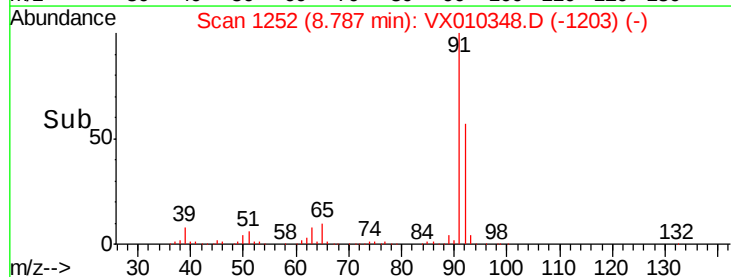
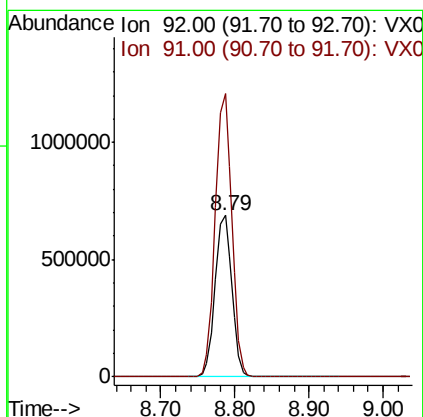
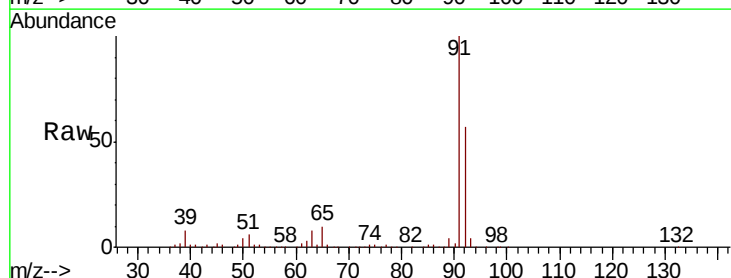
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

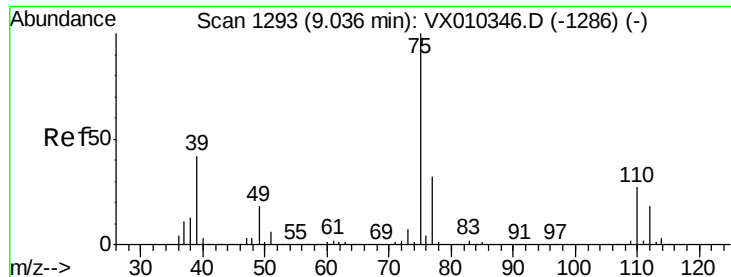
Tot Ion: 43 Resp: 2826985
Ion Ratio Lower Upper
43 100
58 41.5 33.5 50.3



#52
Toluene
Concen: 148.938 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion: 92 Resp: 1061210
Ion Ratio Lower Upper
92 100
91 174.2 139.8 209.6

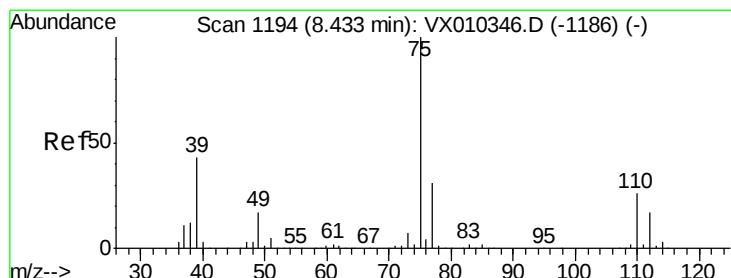
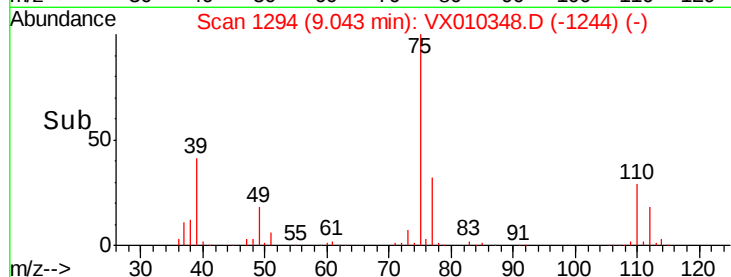
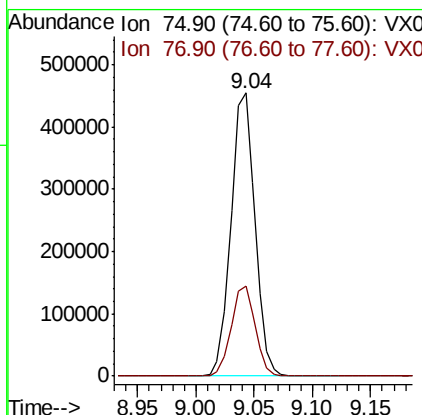
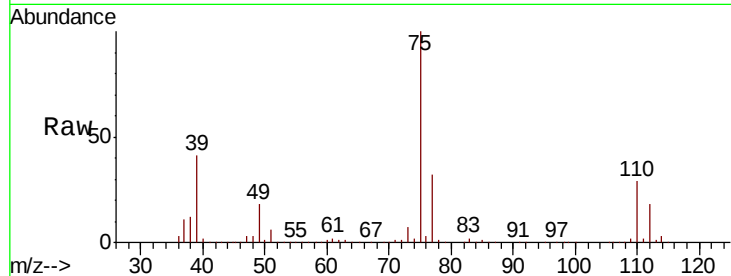




#53
 t-1,3-Dichloropropene
 Concen: 151.153 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.01 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

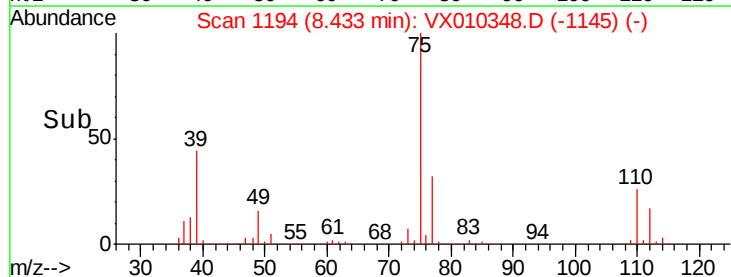
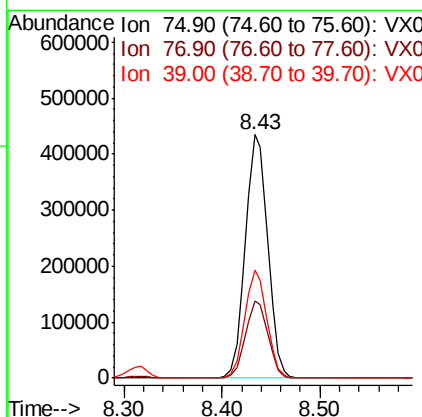
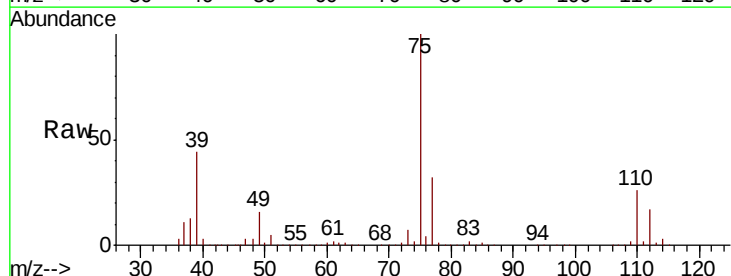
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

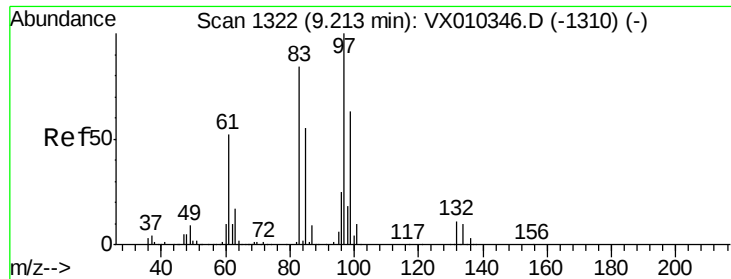
Tot Ion: 75 Resp: 654689
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 147.906 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

Tgt Ion: 75 Resp: 690033
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8
 39 44.4 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 152.871 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 445598

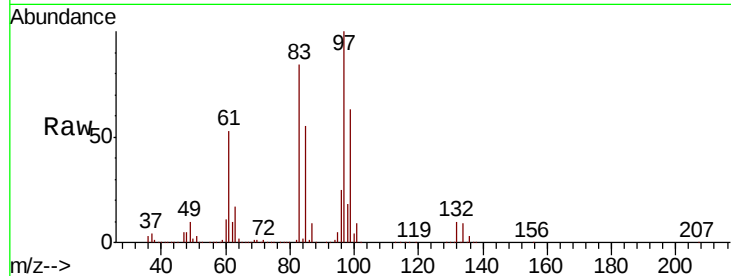
Ion Ratio Lower Upper

97 100

83 84.3 67.4 101.0

85 54.8 43.8 65.8

99 63.4 50.3 75.5

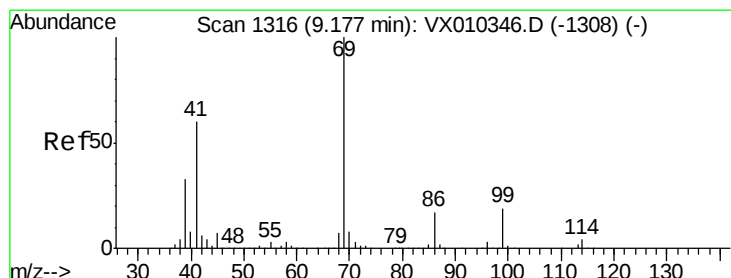
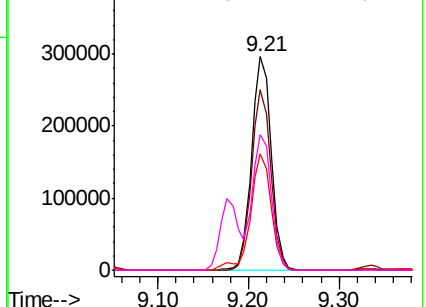
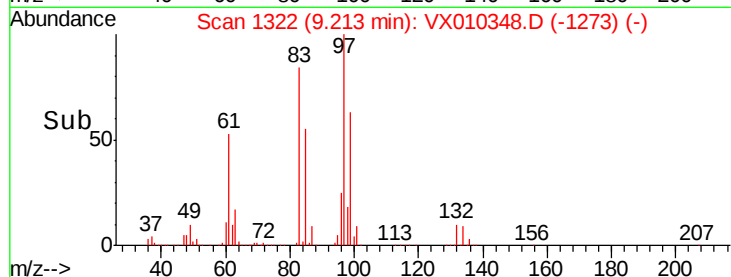


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 153.540 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

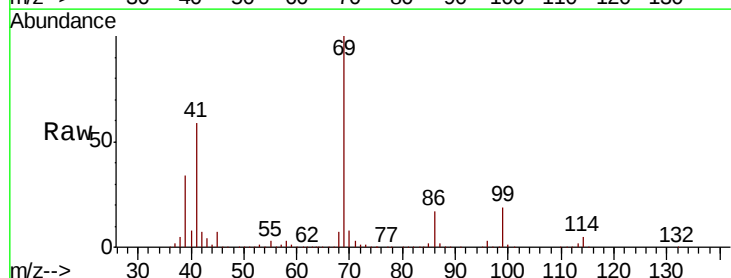
Tgt Ion: 69 Resp: 702638

Ion Ratio Lower Upper

69 100

41 59.3 47.1 70.7

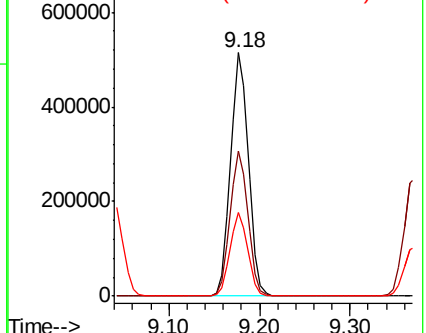
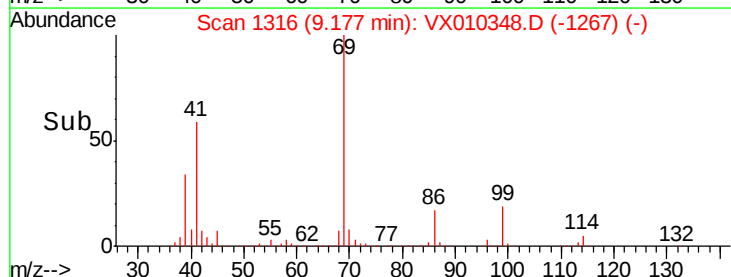
39 34.0 26.6 40.0

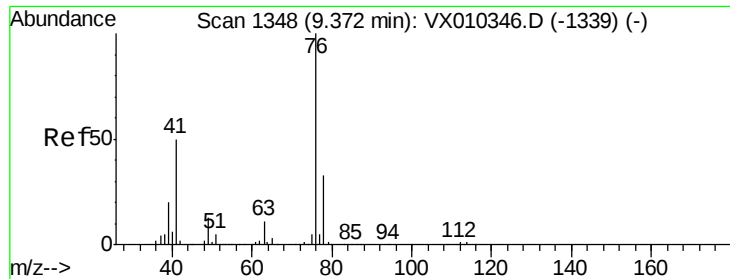


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

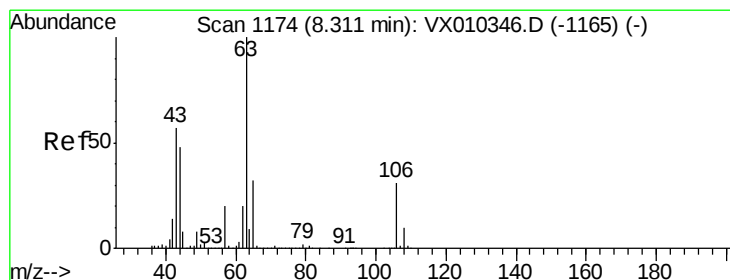
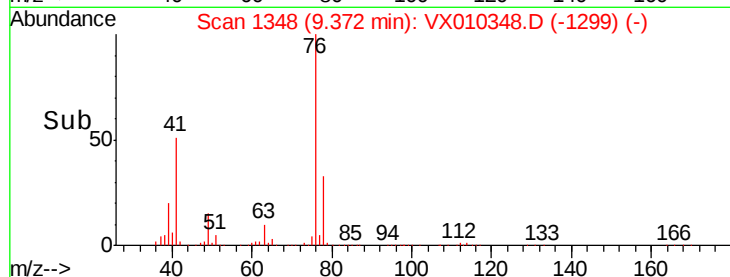
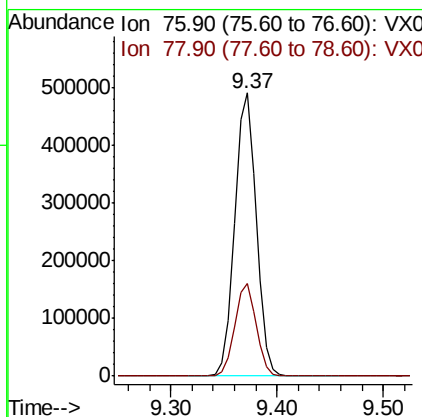
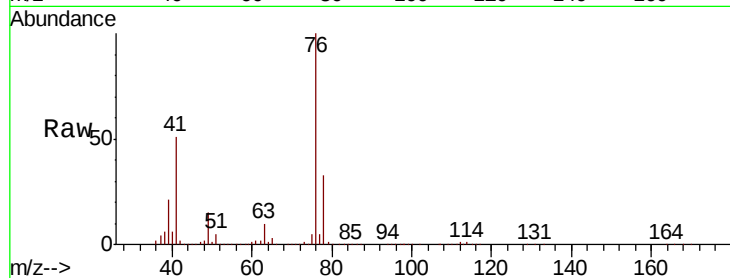




#57
 1,3-Dichloropropane
 Concen: 152.049 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

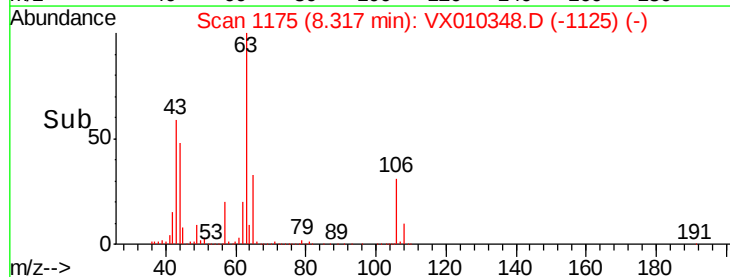
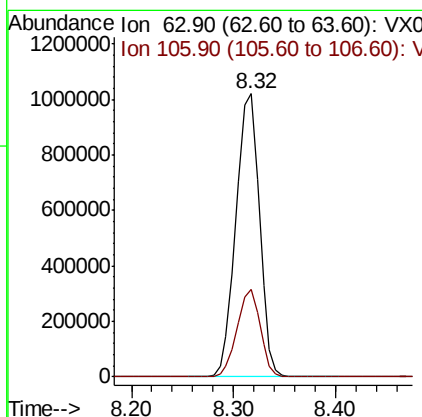
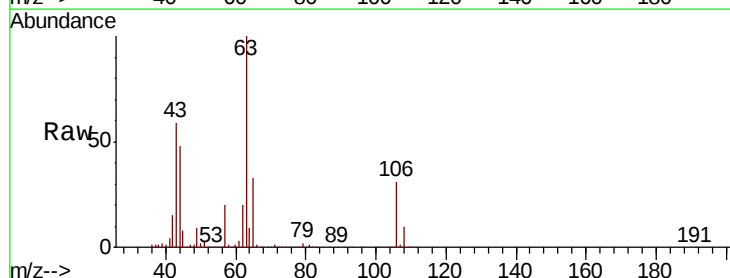
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

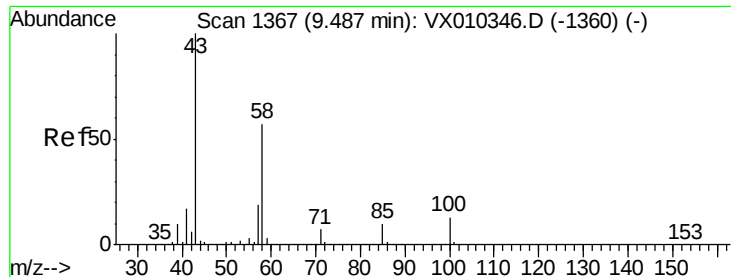
Tot Ion: 76 Resp: 697397
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 751.991 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

Tgt Ion: 63 Resp: 1624569
 Ion Ratio Lower Upper
 63 100
 106 30.5 24.7 37.1

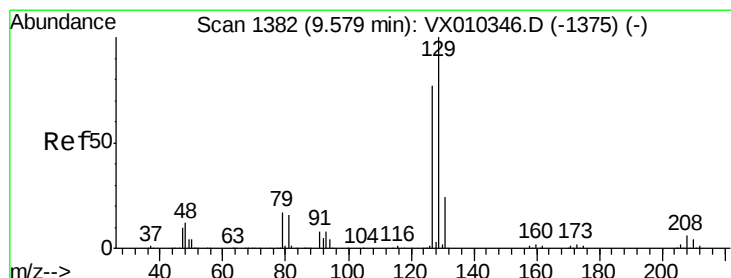
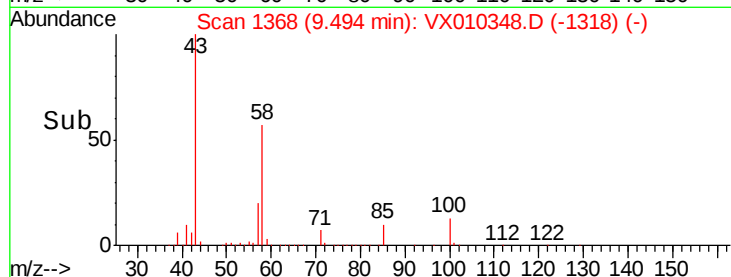
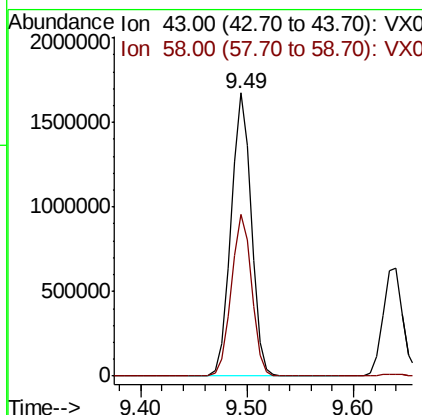
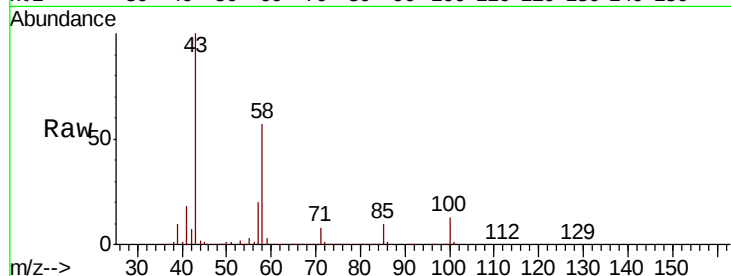




#59
2-Hexanone
Concen: 770.604 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

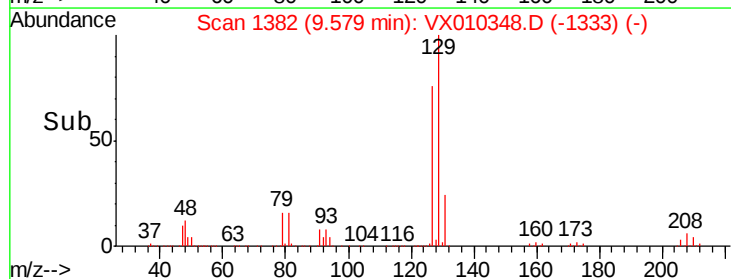
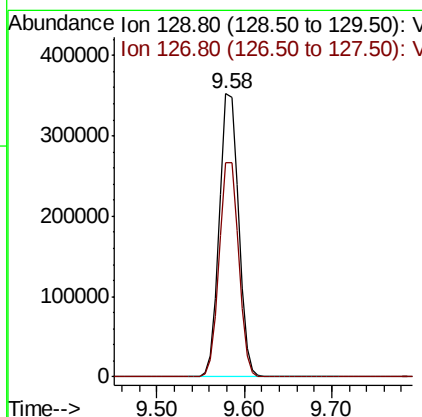
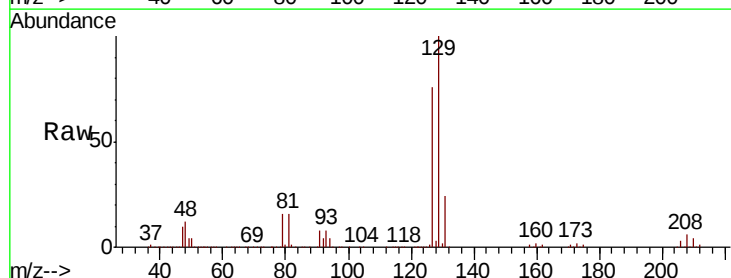
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

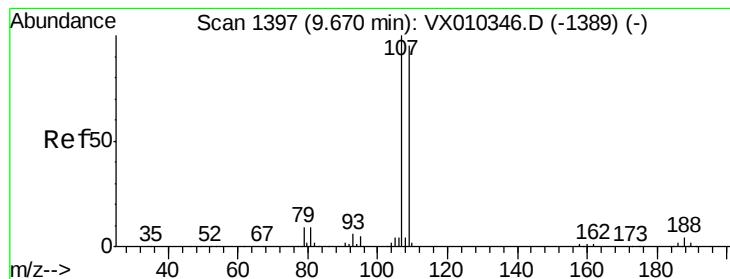
Tot Ion: 43 Resp: 2242078
Ion Ratio Lower Upper
43 100
58 57.5 29.0 87.1



#60
Dibromochloromethane
Concen: 155.457 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion: 129 Resp: 532574
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 151.403 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

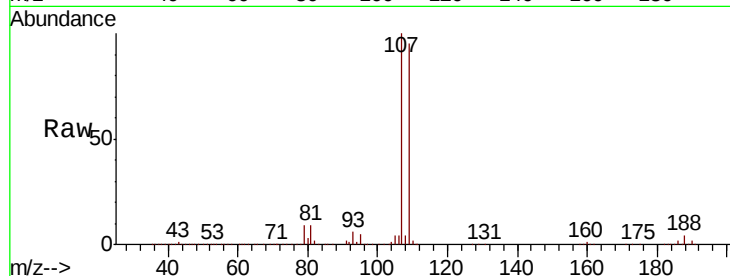
VSTDIC150

Tot Ion:107 Resp: 490227

Ion Ratio Lower Upper

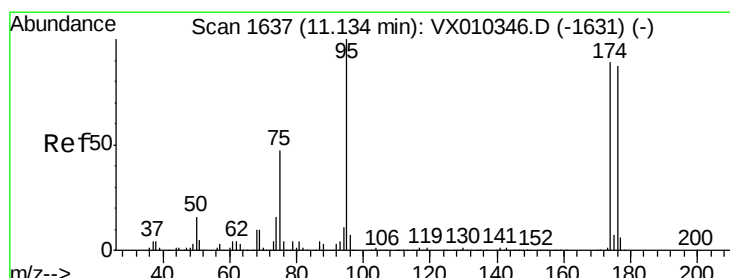
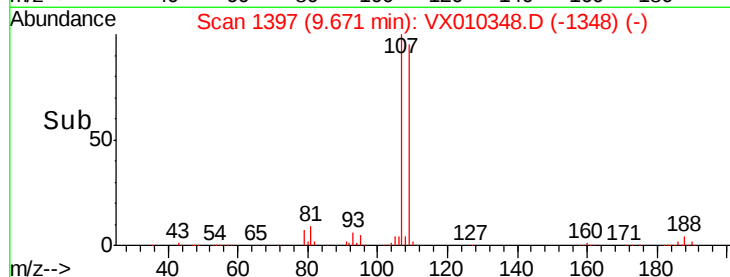
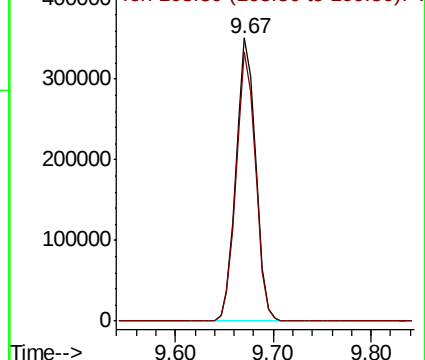
107 100

109 94.8 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: 152.747 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

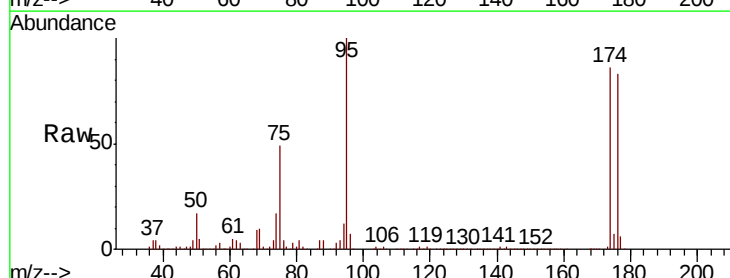
Tgt Ion: 95 Resp: 565157

Ion Ratio Lower Upper

95 100

174 91.8 0.0 187.6

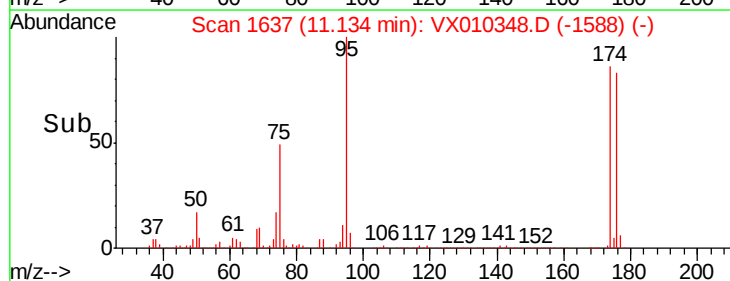
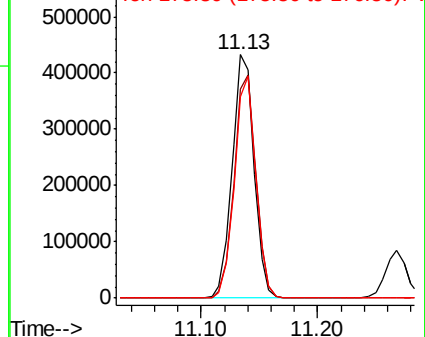
176 89.4 0.0 184.0

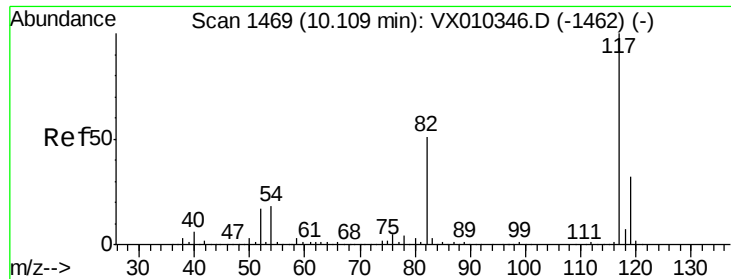


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

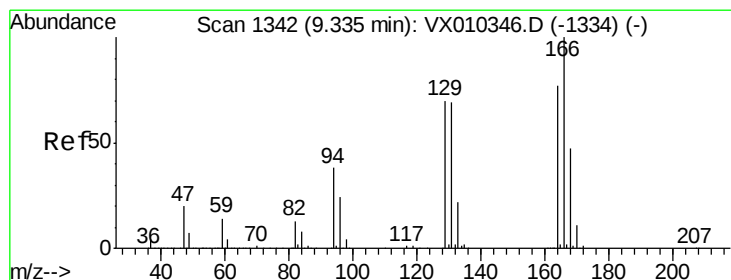
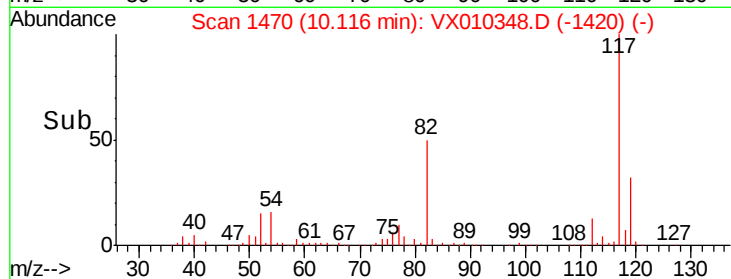
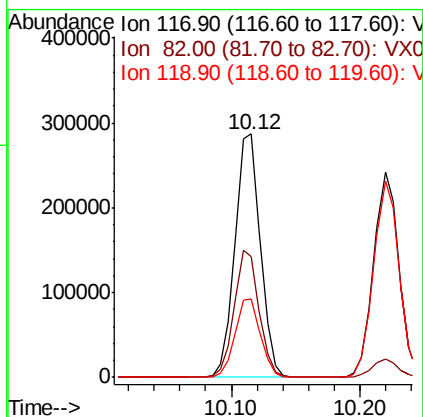
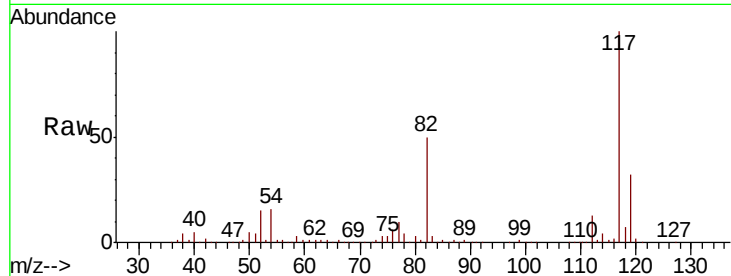




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

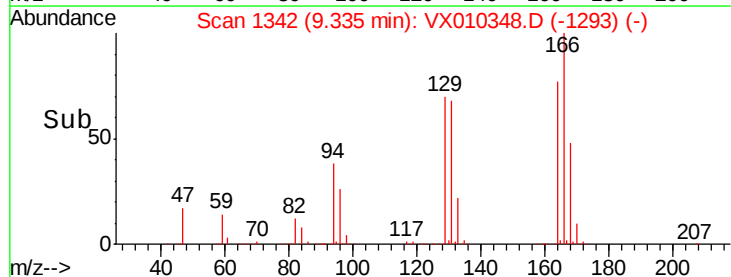
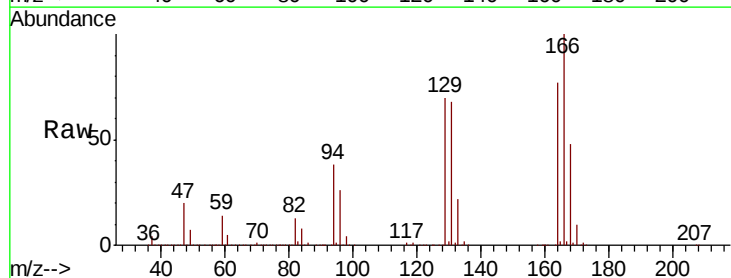
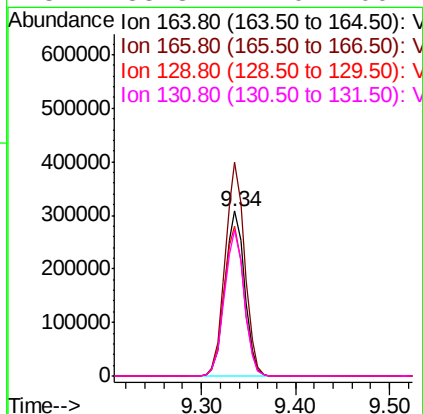
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

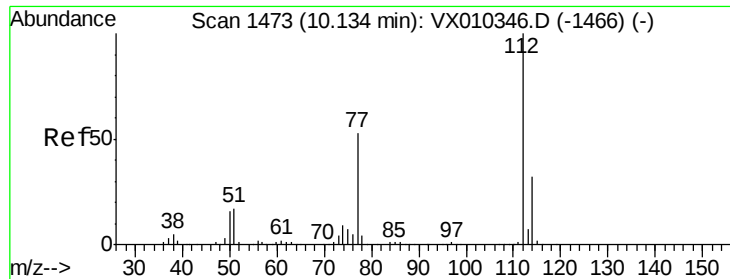
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.6	41.2	61.8
119	32.5	25.5	38.3



#64
Tetrachloroethene
Concen: 149.195 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	103.6	155.4
129	91.1	73.0	109.4
131	88.3	71.0	106.4

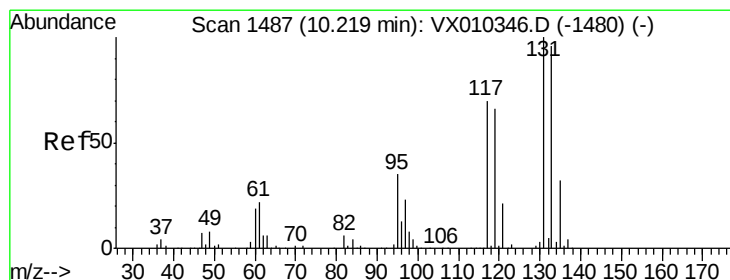
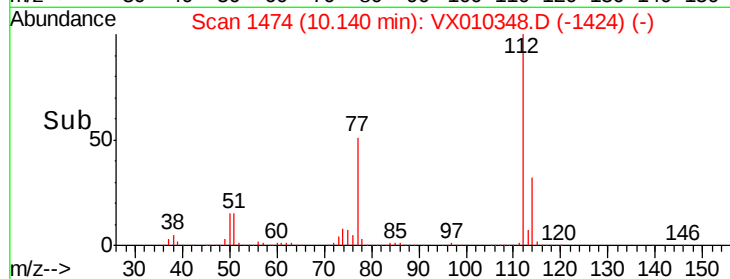
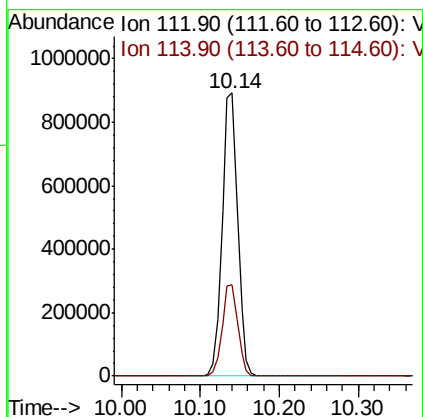
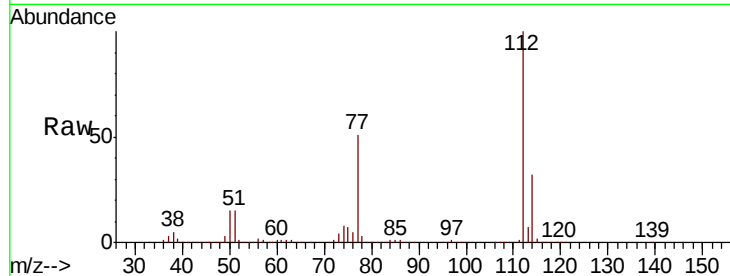




#65
Chlorobenzene
Concen: 149.233 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

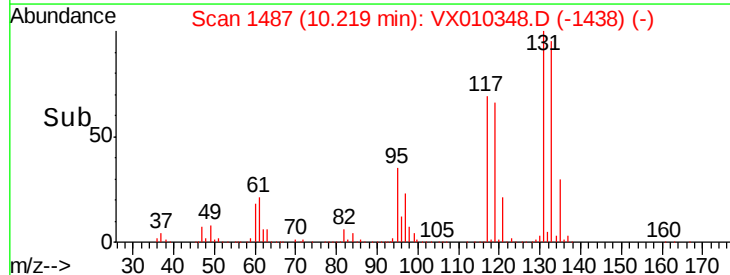
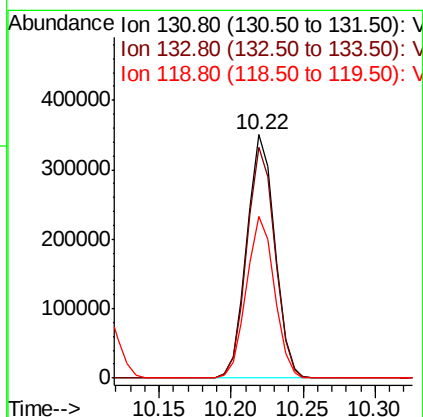
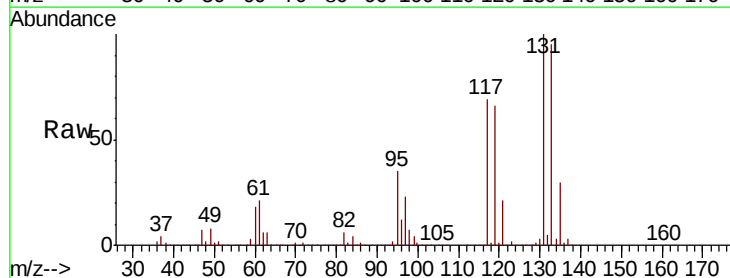
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

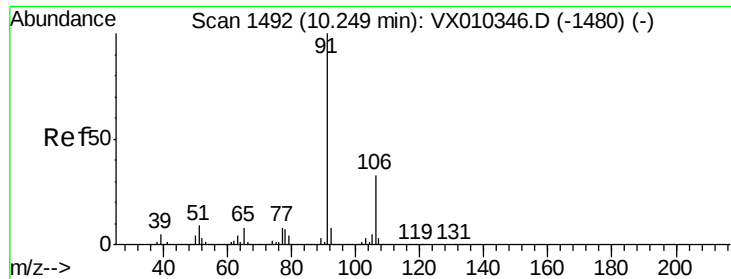
Tot Ion:112 Resp: 1219141
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 149.989 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion:131 Resp: 469536
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 66.4 32.6 97.7





#67

Ethyl Benzene

Concen: 149.099 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

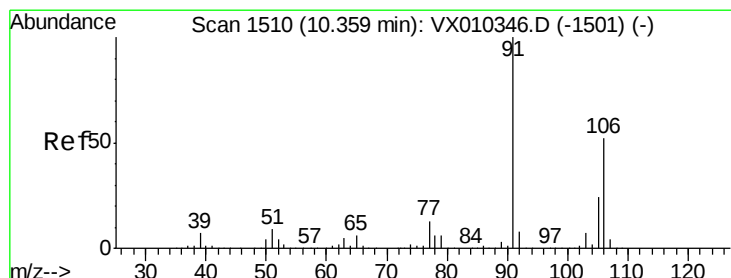
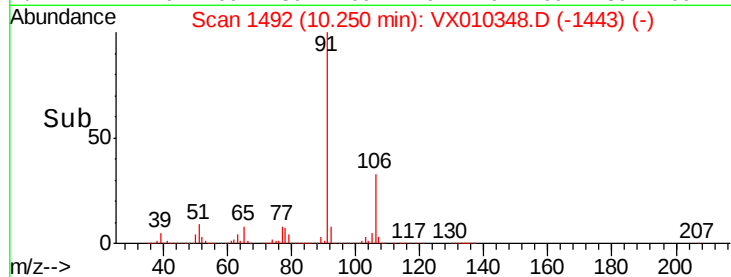
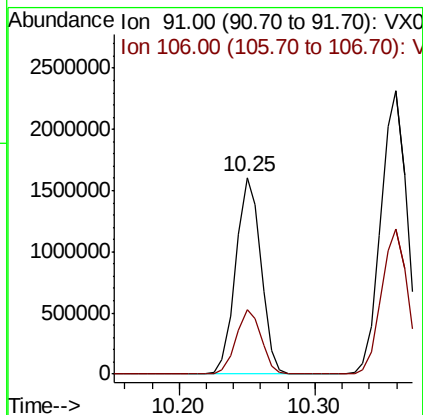
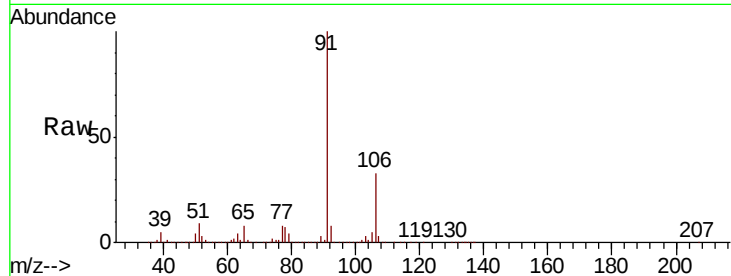
VSTDIC150

Tot Ion: 91 Resp: 2074230

Ion Ratio Lower Upper

91 100

106 32.7 26.2 39.2



#68

m/p-Xylenes

Concen: 293.623 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX010348.D

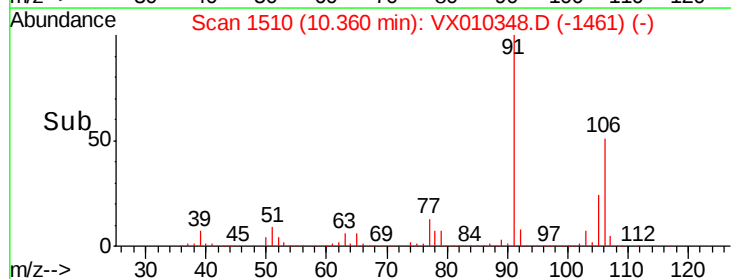
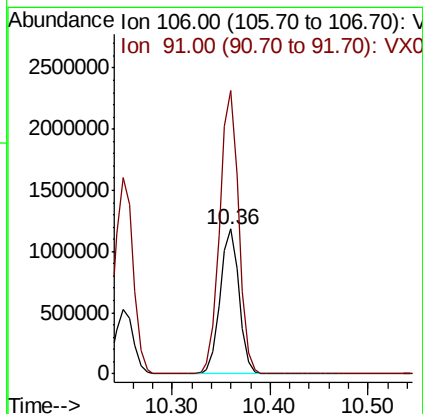
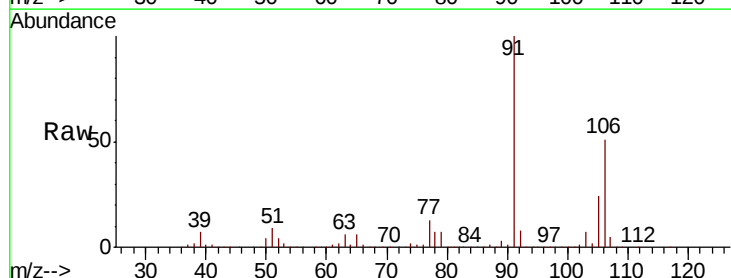
Acq: 19 Jun 2019 14:14

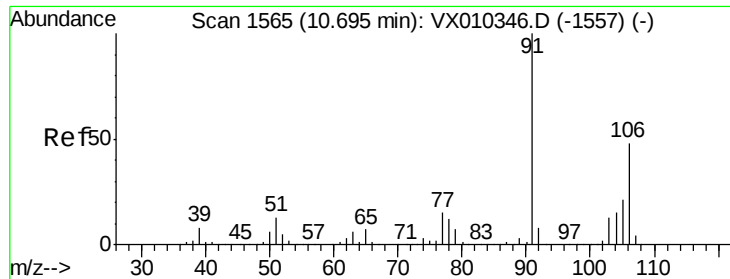
Tgt Ion: 106 Resp: 1582268

Ion Ratio Lower Upper

106 100

91 195.8 155.3 232.9

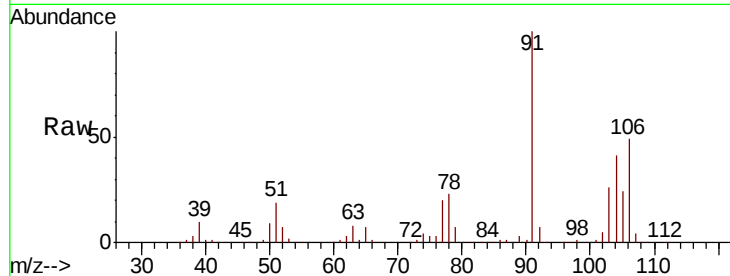




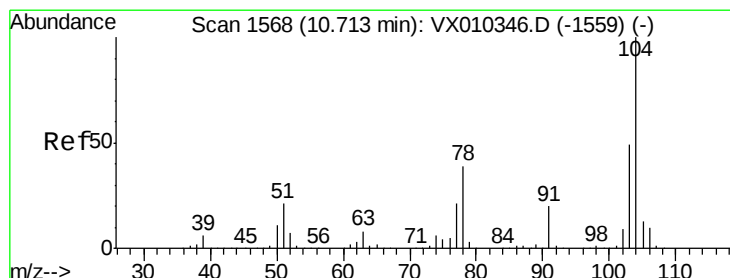
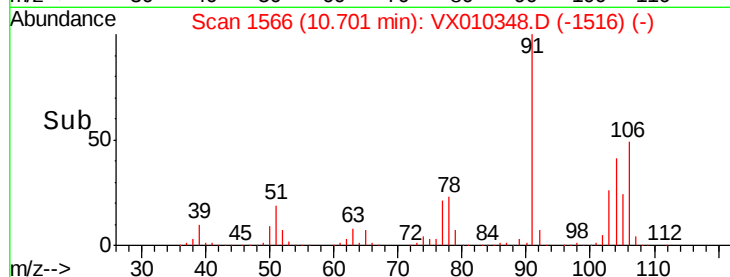
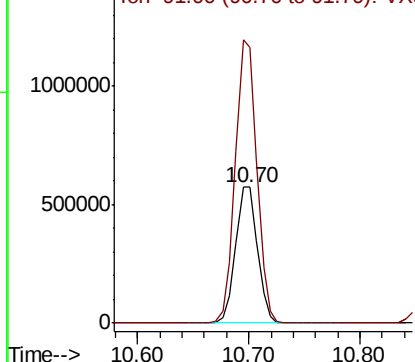
#69
o-Xylene
Concen: 145.867 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 779862
Ion Ratio Lower Upper
106 100
91 205.6 102.7 308.1

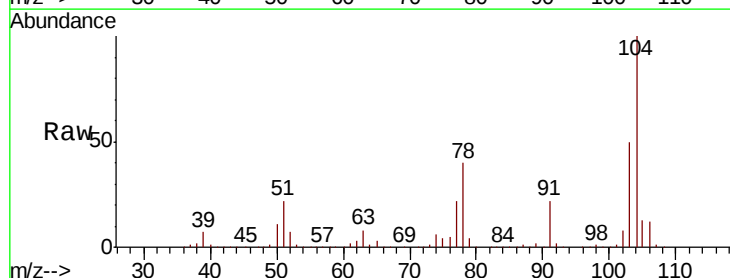


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

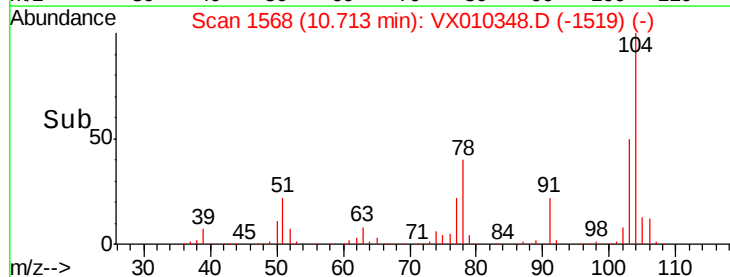
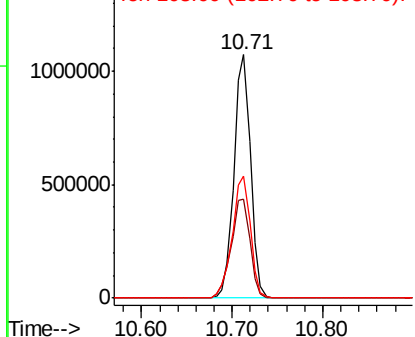


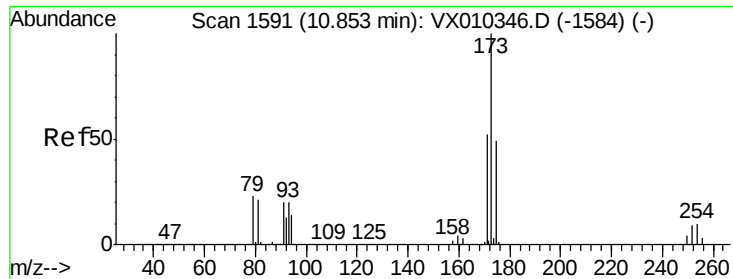
#70
Styrene
Concen: 150.364 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion:104 Resp: 1359525
Ion Ratio Lower Upper
104 100
78 46.5 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: 151.791 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

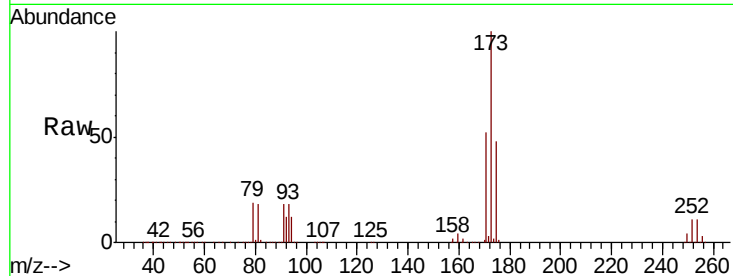
Tot Ion:173 Resp: 435236

Ion Ratio Lower Upper

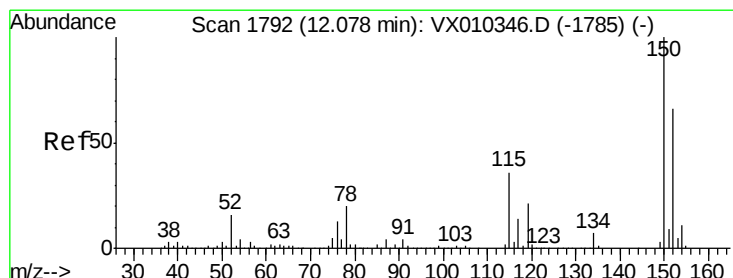
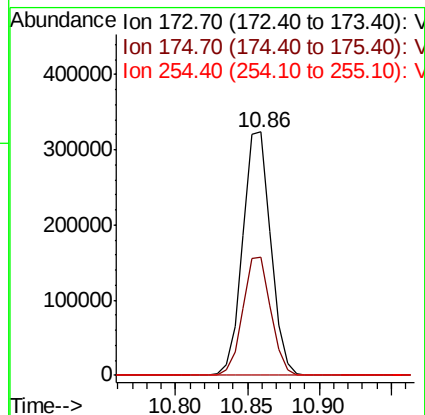
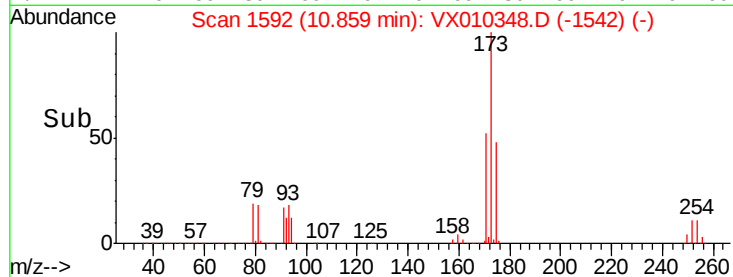
173 100

175 48.4 24.1 72.3

254 0.1 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: VX010348.D

Acq: 19 Jun 2019 14:14

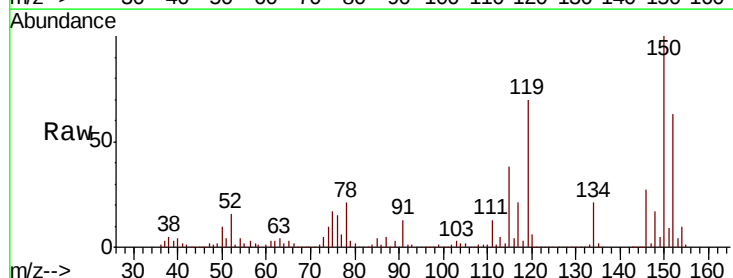
Tgt Ion:152 Resp: 203419

Ion Ratio Lower Upper

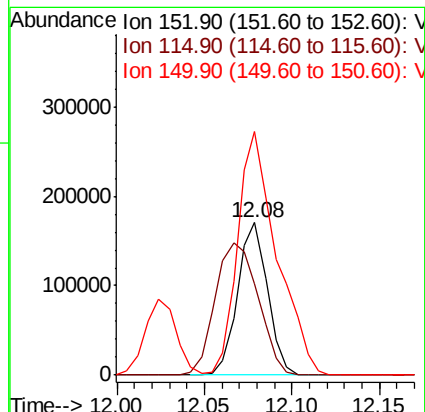
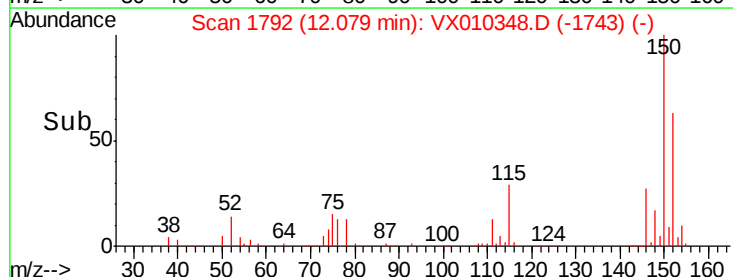
152 100

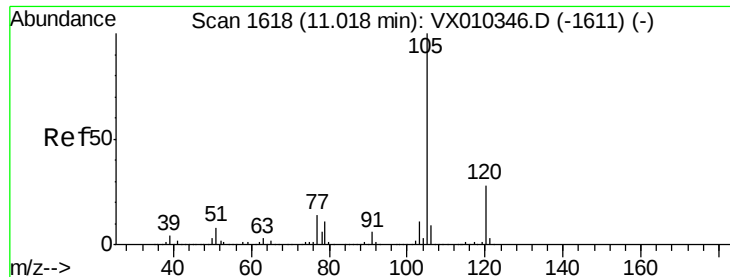
115 124.9 38.6 115.7#

150 208.7 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: 146.721 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

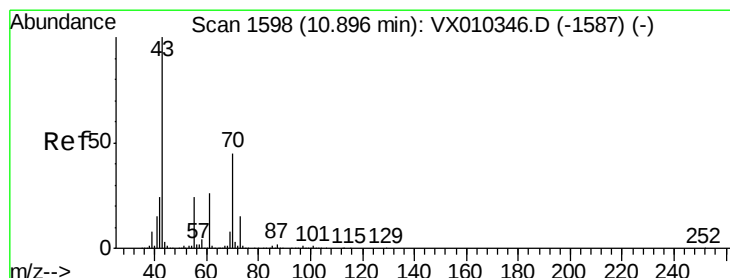
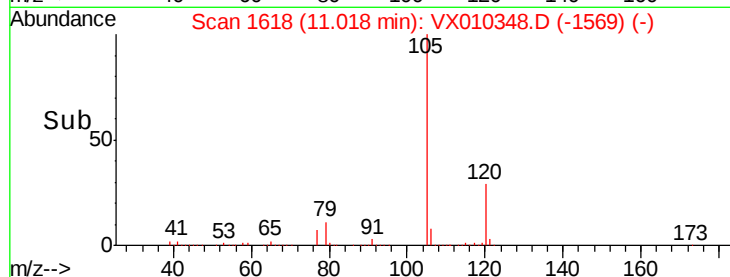
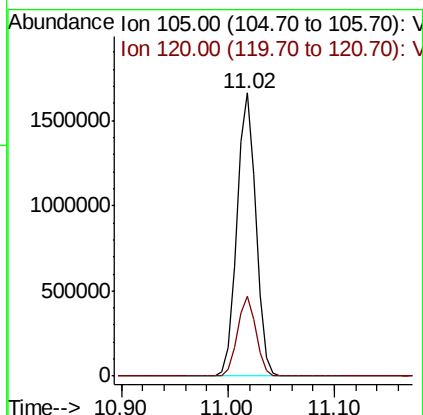
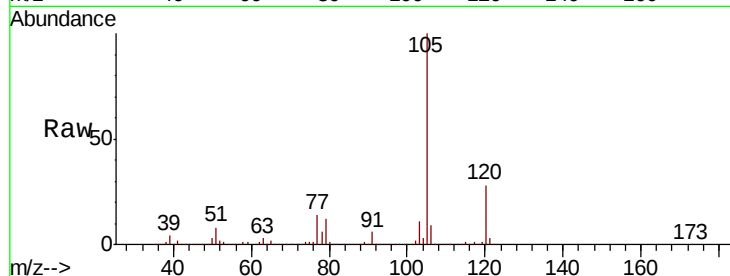
VSTDIC150

Tot Ion:105 Resp: 2075723

Ion Ratio Lower Upper

105 100

120 27.8 14.1 42.4



#74

N-ethyl acetate

Concen: 152.231 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Tgt Ion: 43 Resp: 851064

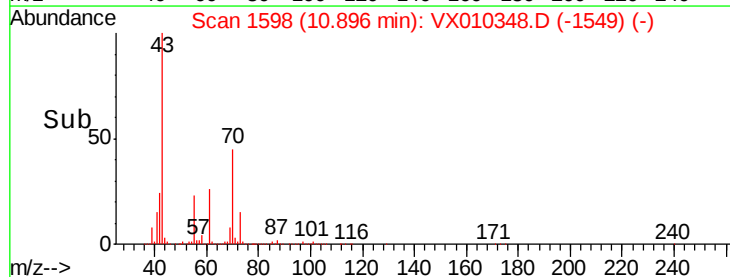
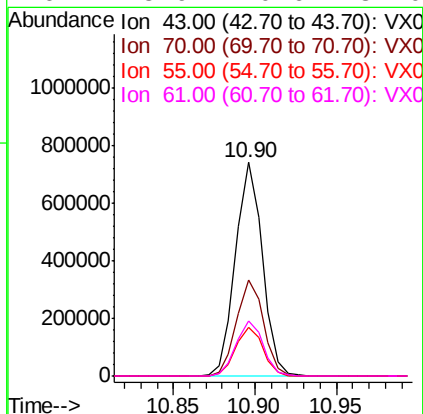
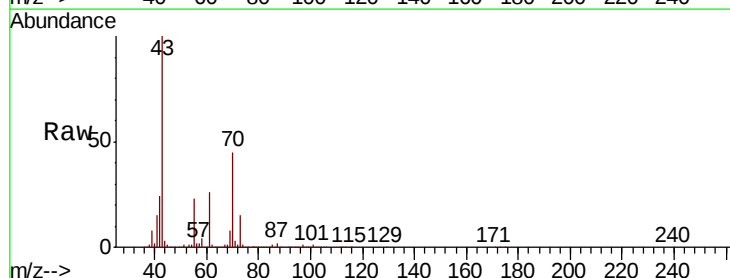
Ion Ratio Lower Upper

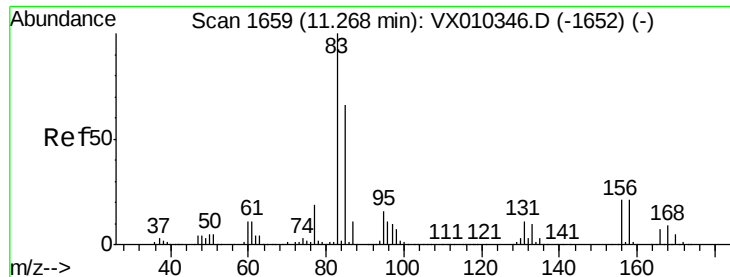
43 100

70 45.5 36.6 54.8

55 23.3 18.7 28.1

61 25.9 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 143.671 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

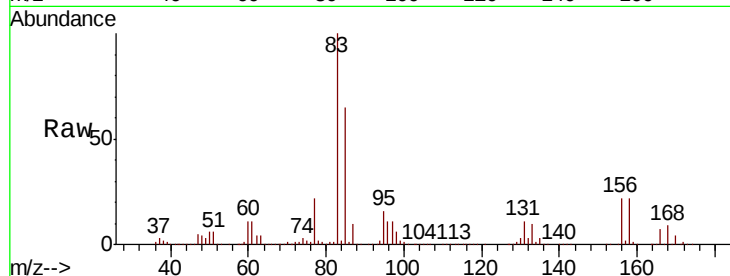
Tot Ion: 83 Resp: 694528

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.4

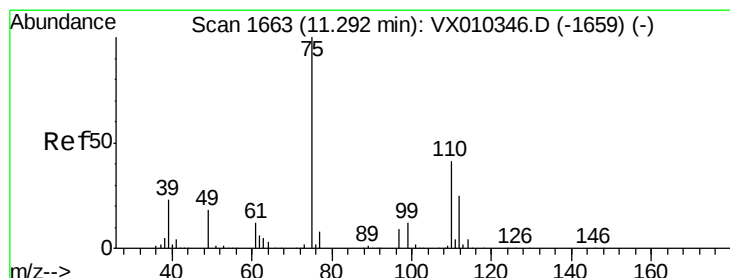
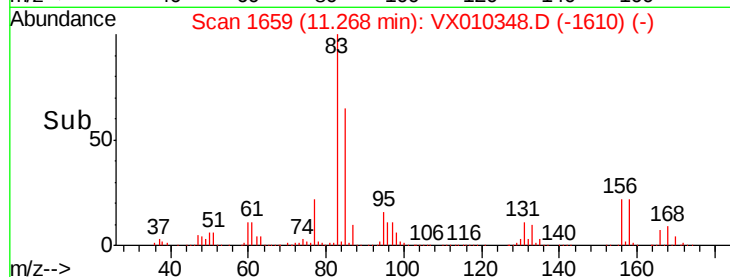
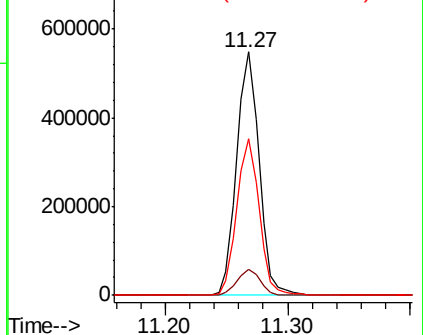
85 64.3 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 201.168 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX010348.D

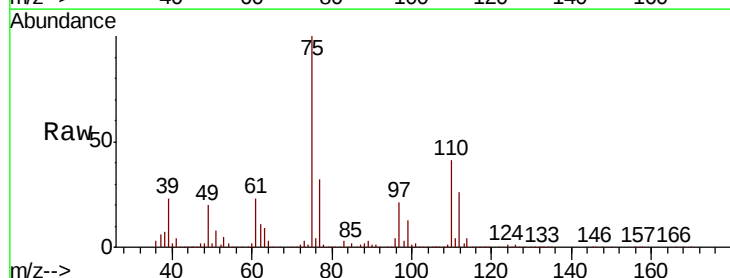
Acq: 19 Jun 2019 14:14

Tgt Ion: 75 Resp: 811202

Ion Ratio Lower Upper

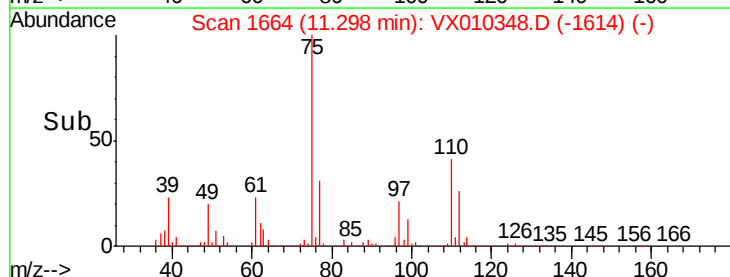
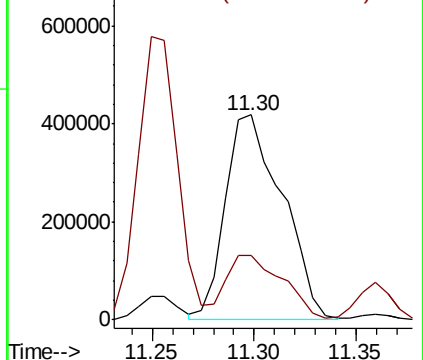
75 100

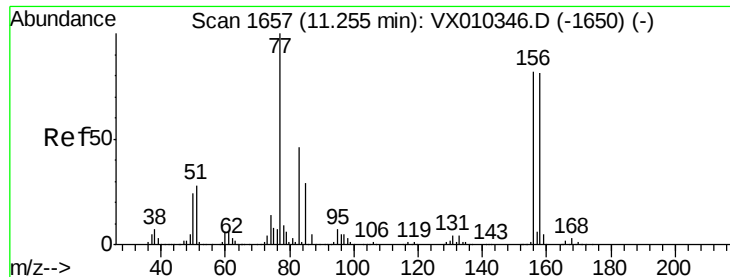
77 32.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 144.349 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

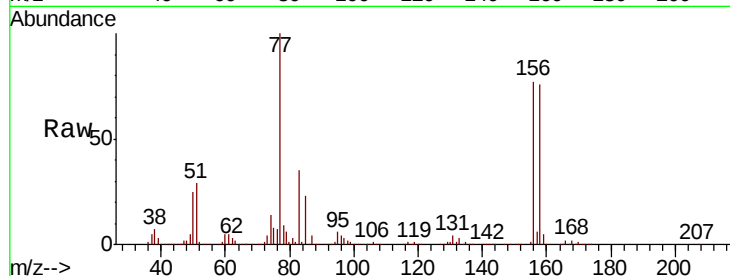
Tot Ion:156 Resp: 562918

Ion Ratio Lower Upper

156 100

77 137.3 66.3 198.7

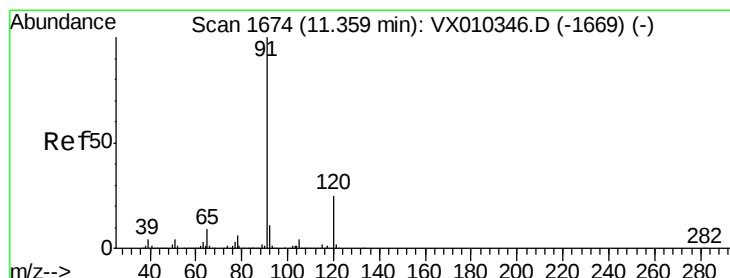
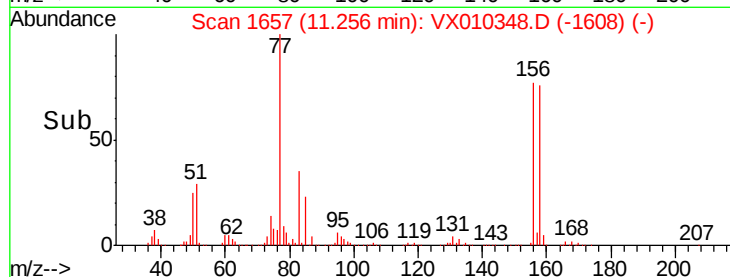
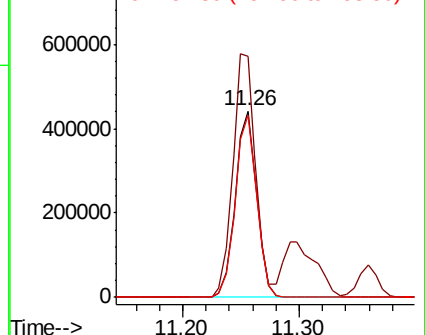
158 98.1 48.9 146.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 149.109 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010348.D

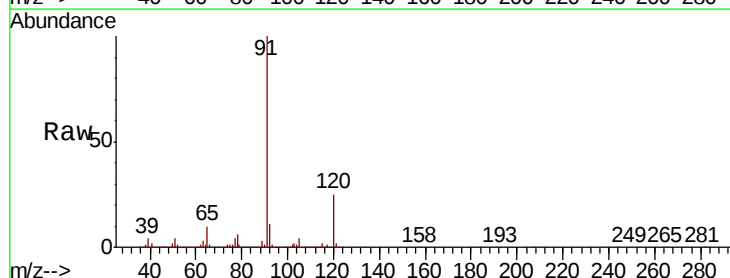
Acq: 19 Jun 2019 14:14

Tgt Ion: 91 Resp: 2349323

Ion Ratio Lower Upper

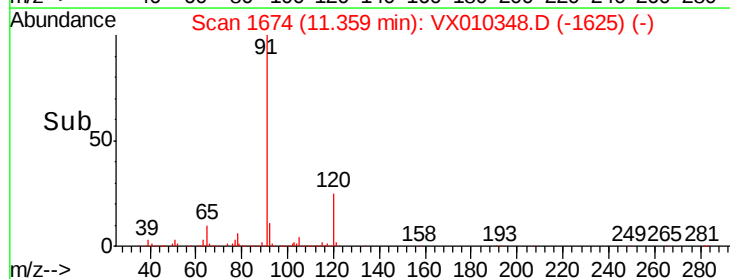
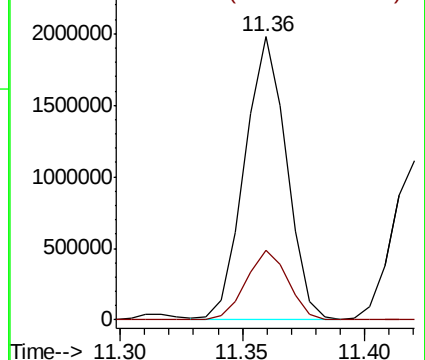
91 100

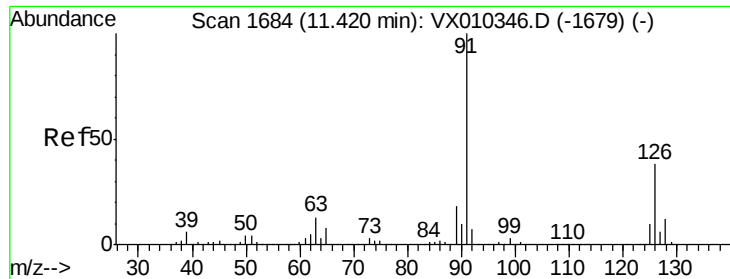
120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

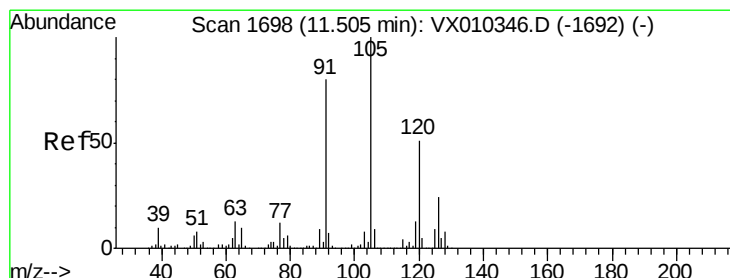
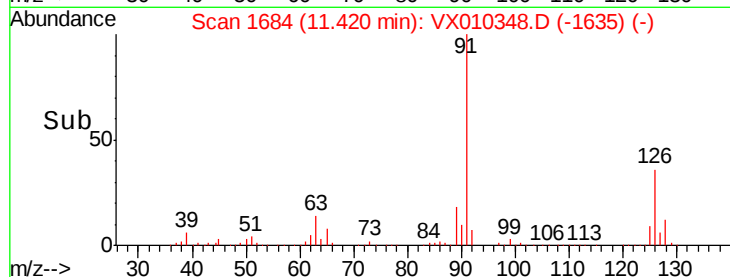
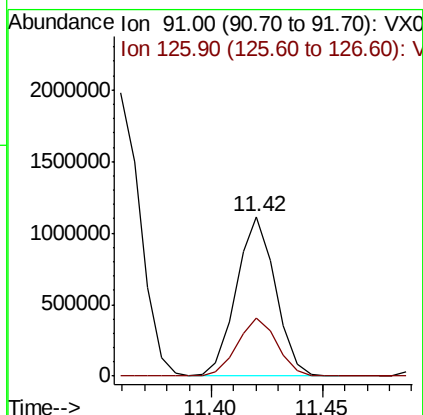
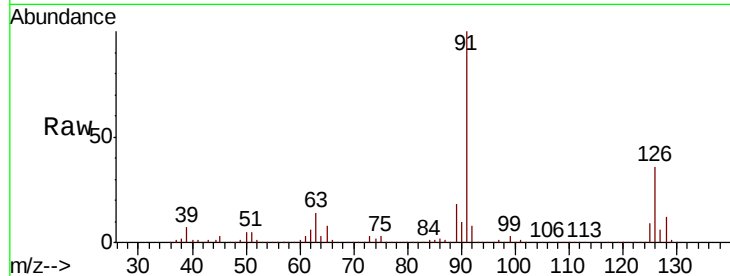




#79
 2-Chlorotoluene
 Concen: 144.115 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

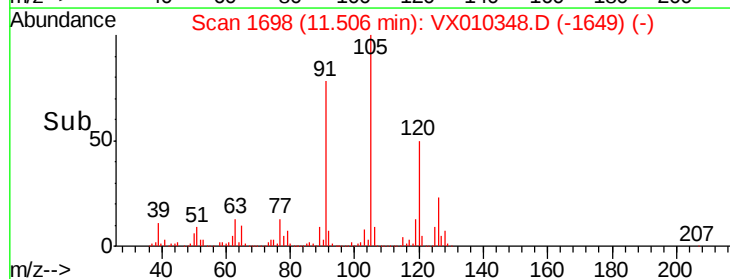
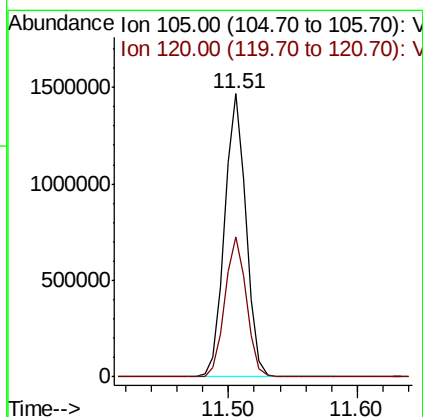
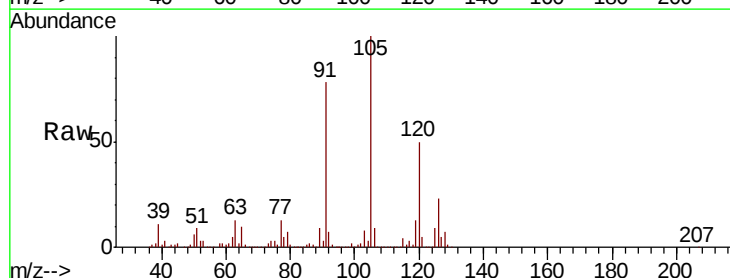
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 91 Resp: 1360237
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.7 56.1



#80
 1,3,5-Trimethylbenzene
 Concen: 143.754 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

Tgt Ion:105 Resp: 1715867
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 147.376 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

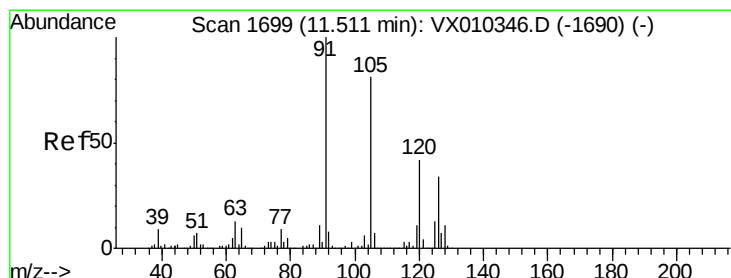
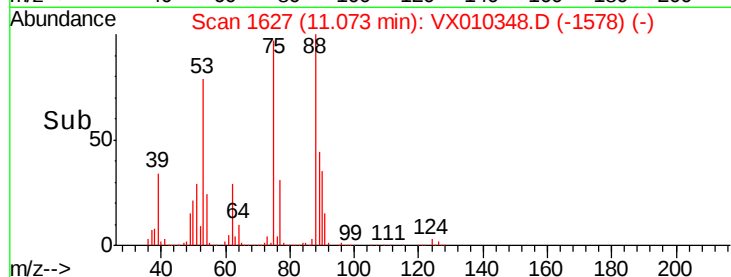
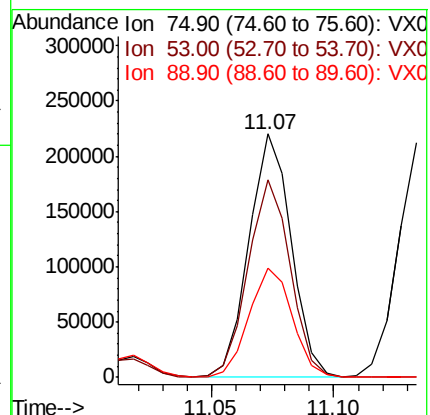
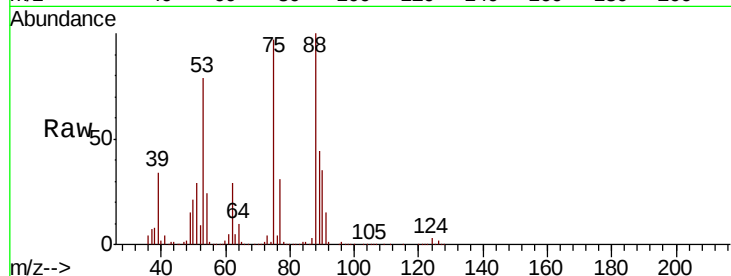
Tot Ion: 75 Resp: 265451

Ion Ratio Lower Upper

75 100

53 80.9 66.1 99.1

89 46.2 37.8 56.6



#82

4-Chlorotoluene

Concen: 147.727 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX010348.D

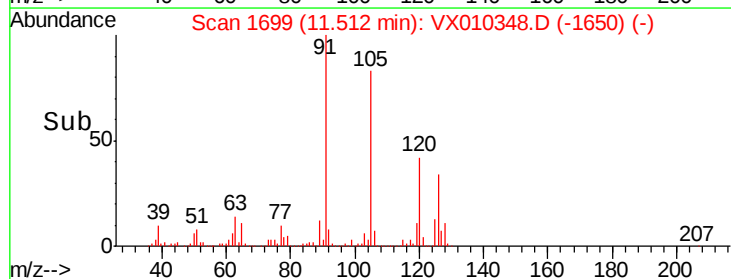
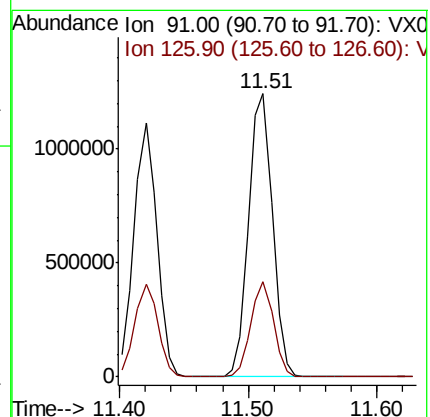
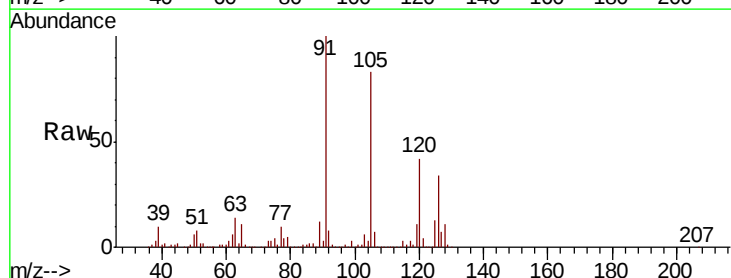
Acq: 19 Jun 2019 14:14

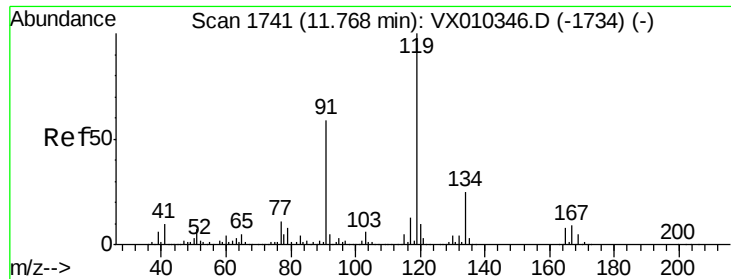
Tgt Ion: 91 Resp: 1584382

Ion Ratio Lower Upper

91 100

126 32.0 16.2 48.6

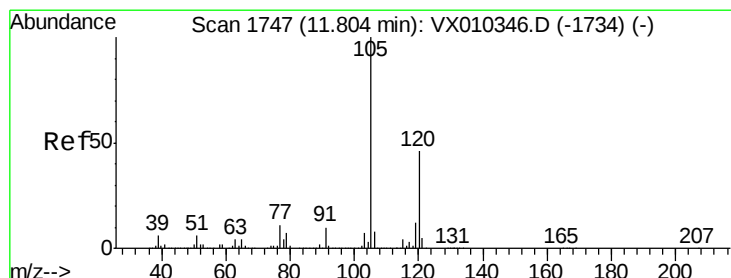
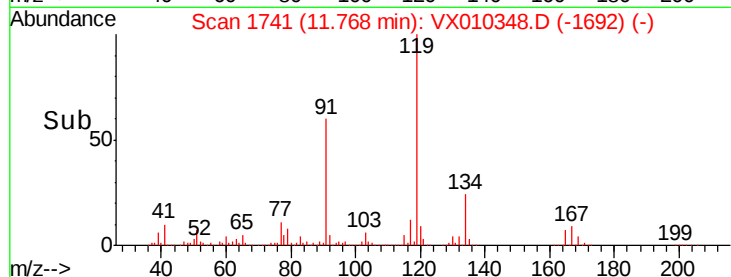
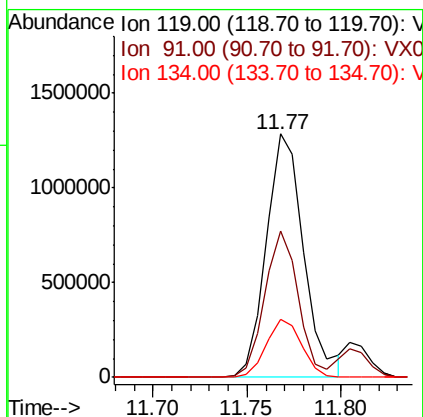
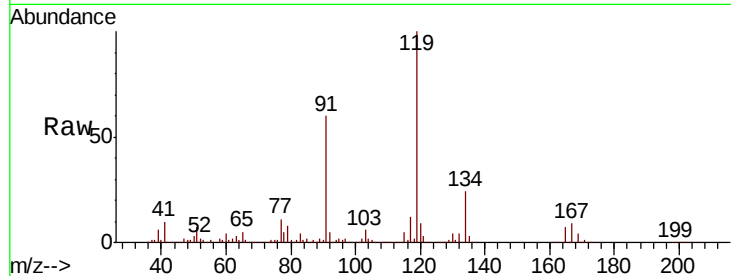




#83
tert-Butylbenzene
Concen: 146.615 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

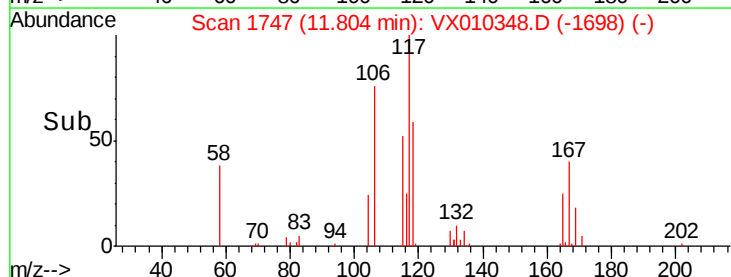
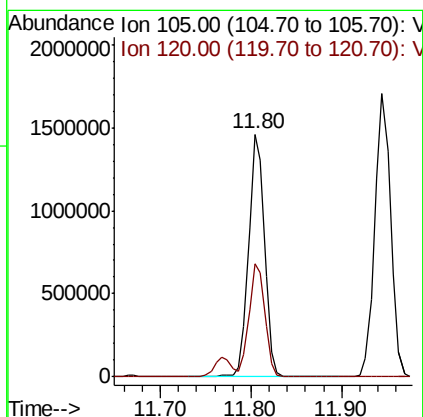
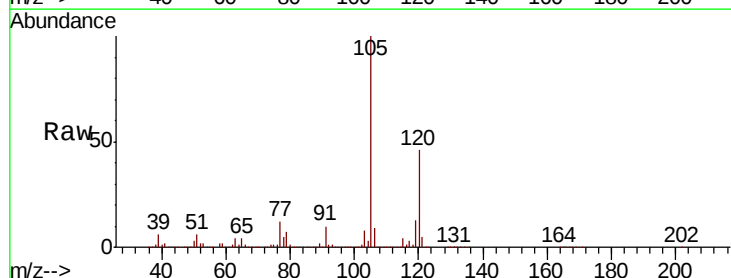
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

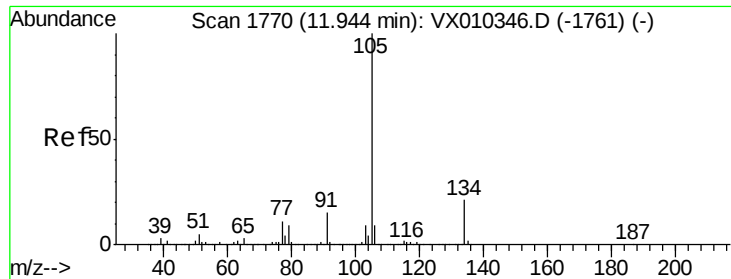
Tot Ion:119 Resp: 1766049
Ion Ratio Lower Upper
119 100
91 54.4 27.6 82.7
134 22.6 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 146.689 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion:105 Resp: 1769004
Ion Ratio Lower Upper
105 100
120 46.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 146.580 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

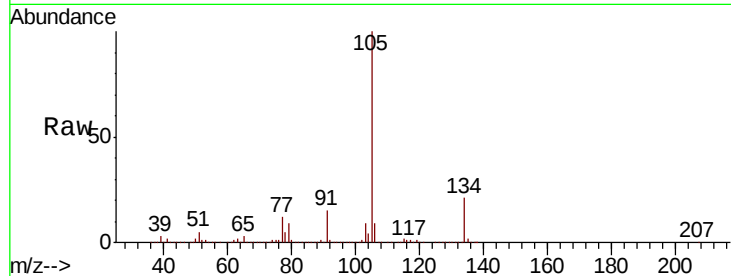
VSTDIC150

Tot Ion:105 Resp: 2061056

Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

2000000 Ion 134.00 (133.70 to 134.70): V

1500000

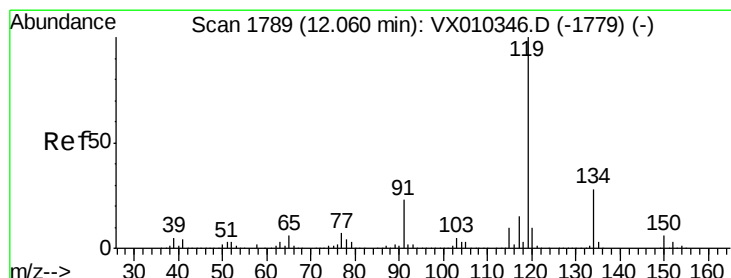
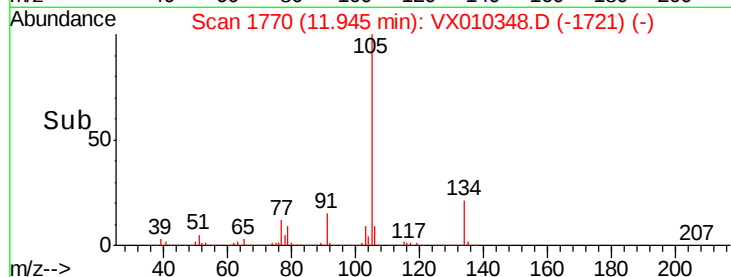
1000000

500000

0

11.90 11.94 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 148.946 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010348.D

Acq: 19 Jun 2019 14:14

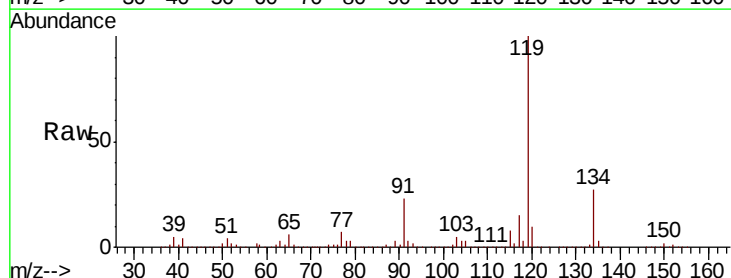
Tgt Ion:119 Resp: 1917268

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

91 22.5 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

2000000 Ion 134.00 (133.70 to 134.70): V

1500000 Ion 91.00 (90.70 to 91.70): V

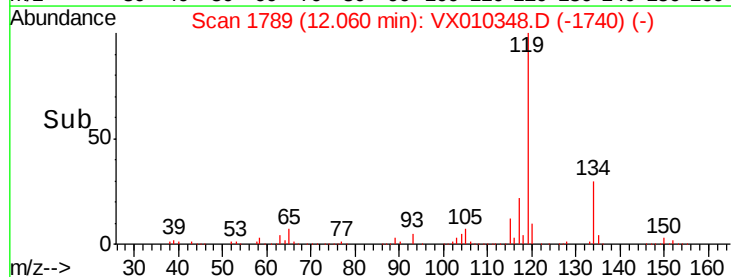
1000000

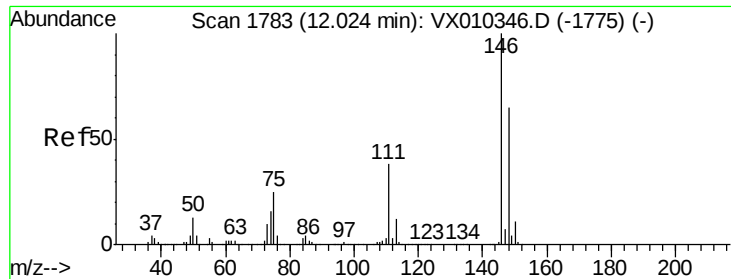
500000

0

12.00 12.06 12.10

Time-->

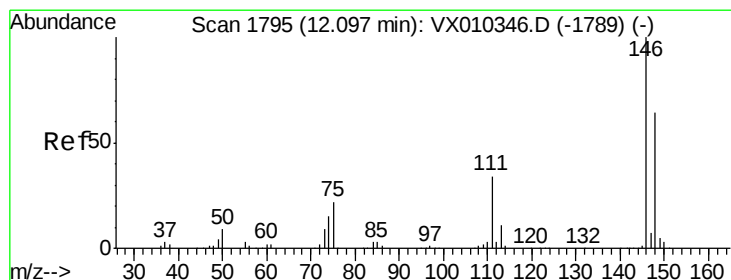
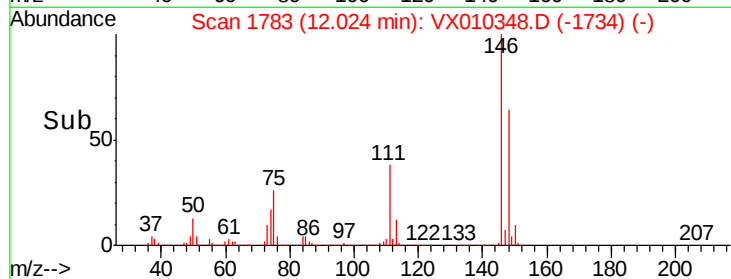
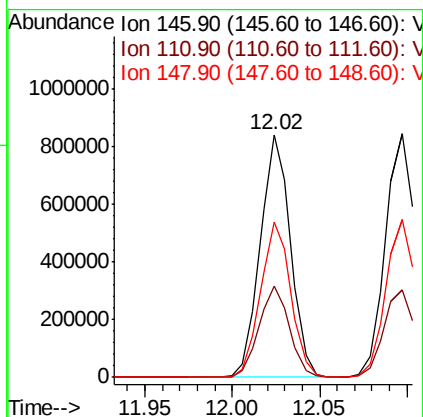
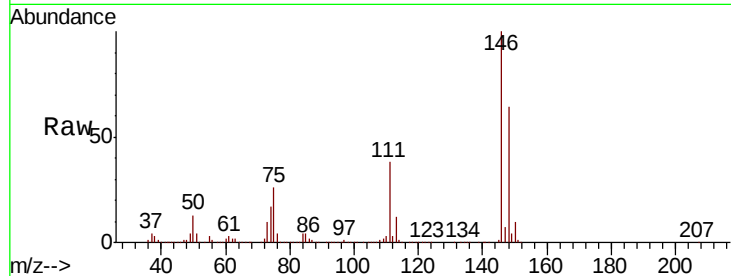




#87
 1,3-Dichlorobenzene
 Concen: 149.438 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

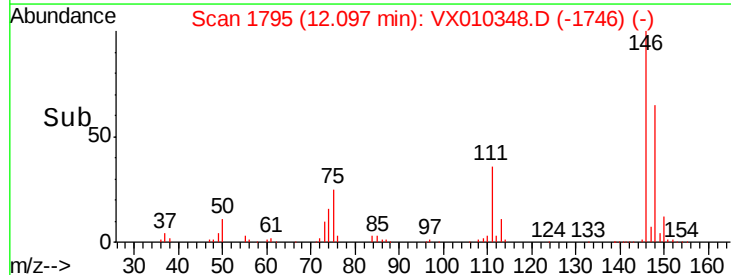
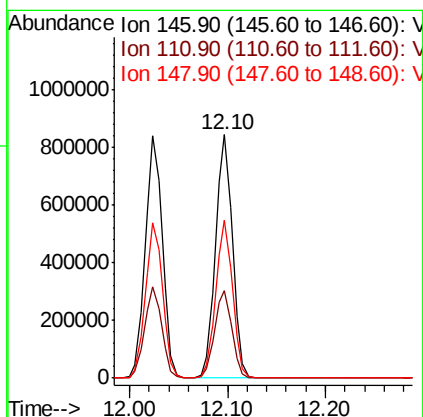
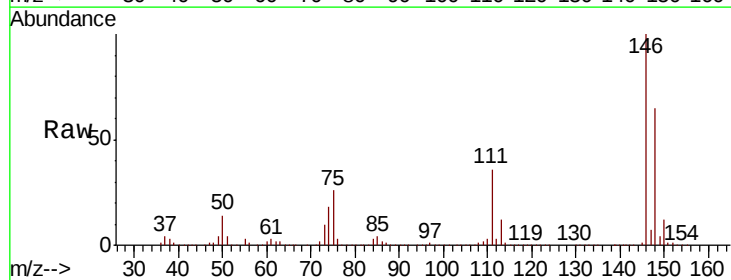
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tot Ion:146 Resp: 1024520
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.1 57.1
 148 64.1 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 146.145 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

Tgt Ion:146 Resp: 1013556
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.3
 148 64.2 32.1 96.3

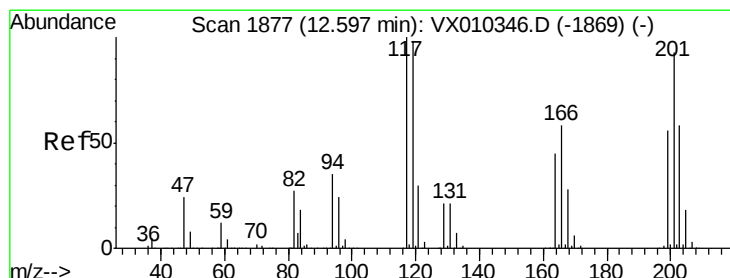
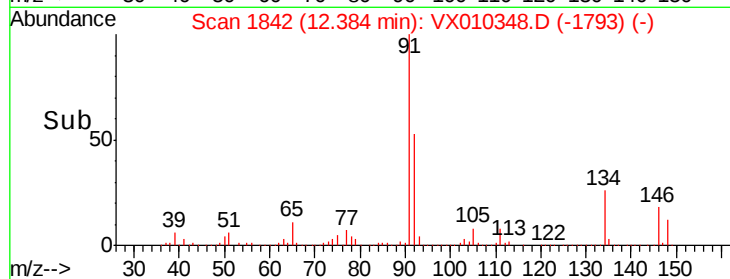
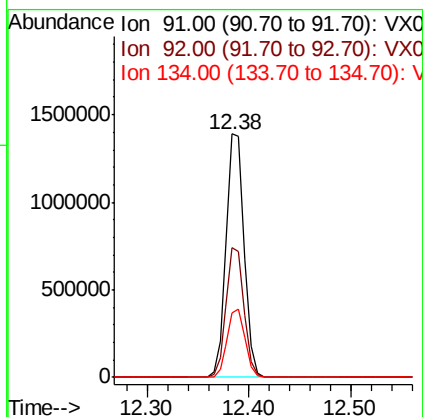
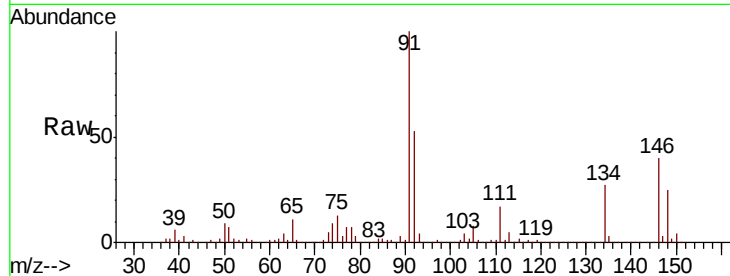




#89
n-Butylbenzene
Concen: 152.962 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

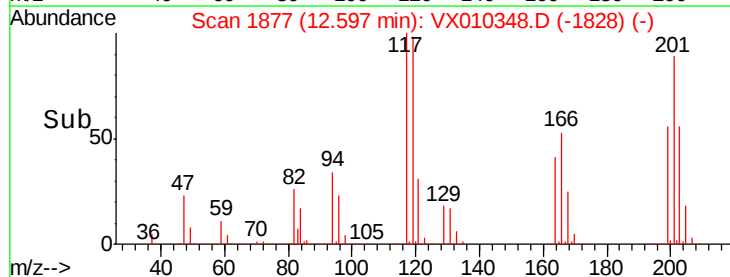
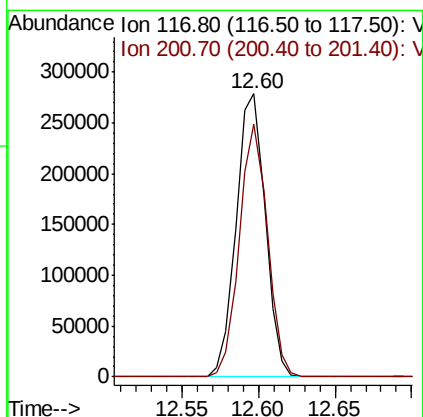
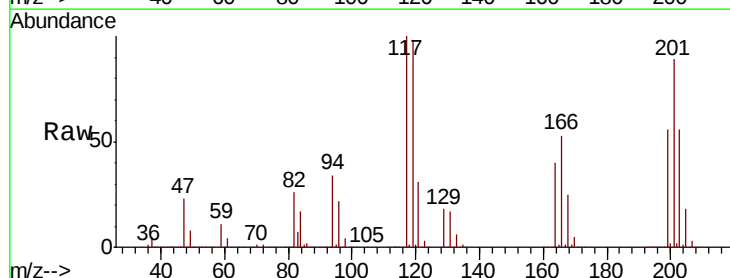
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1693263
Ion Ratio Lower Upper
91 100
92 52.9 26.2 78.5
134 28.0 14.1 42.4



#90
Hexachloroethane
Concen: 145.400 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion: 117 Resp: 367506
Ion Ratio Lower Upper
117 100
201 86.1 44.0 131.8

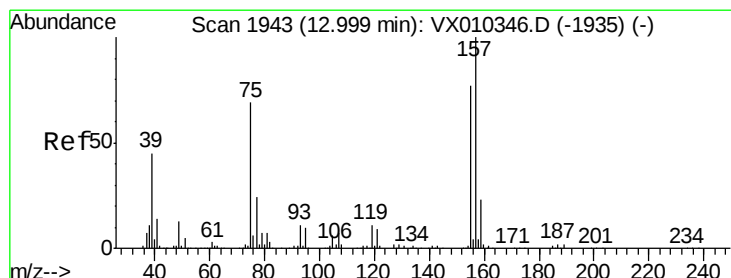
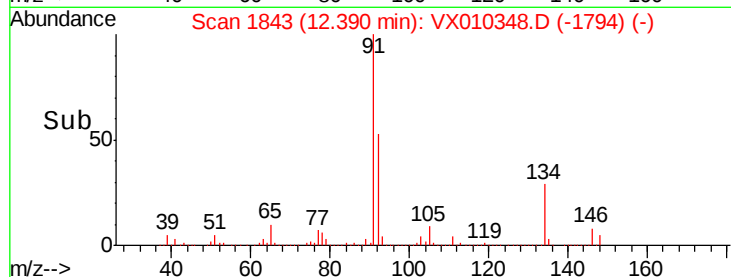
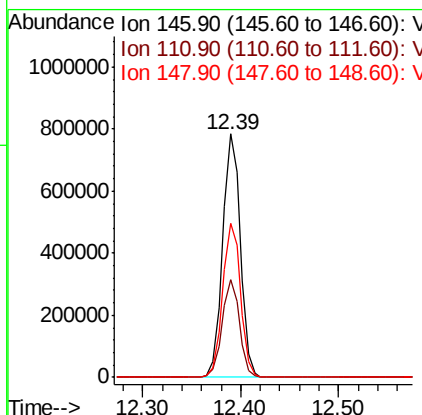
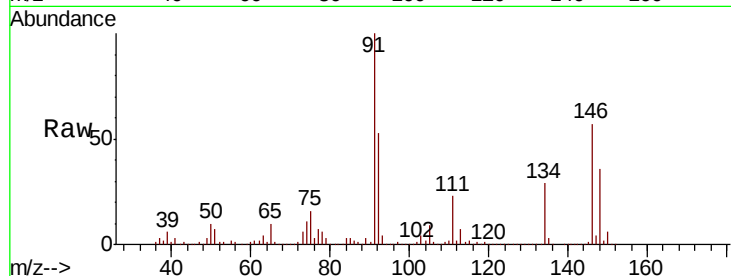




#91
 1,2-Dichlorobenzene
 Concen: 146.733 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

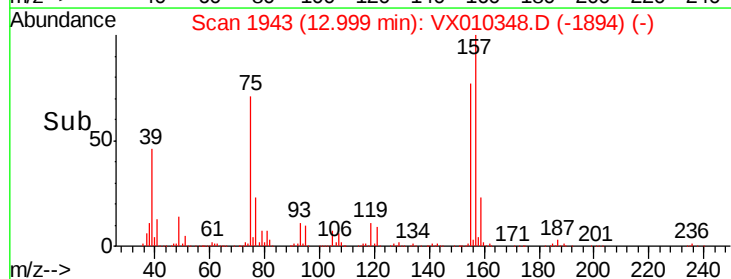
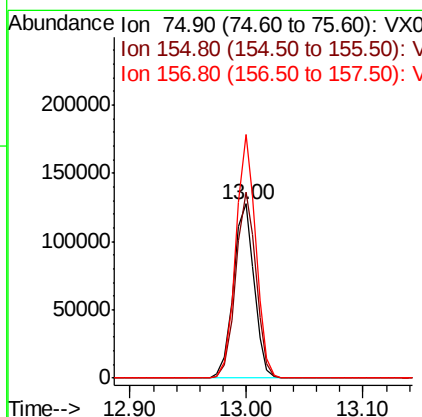
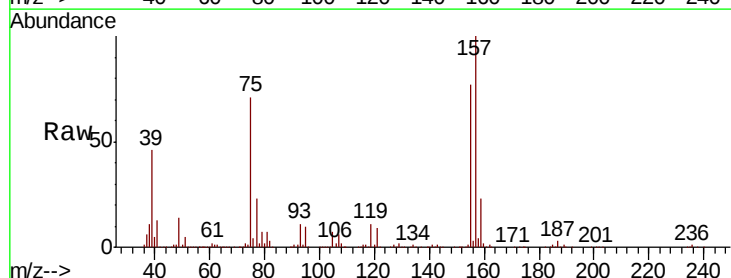
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 981890
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.2 57.6
 148 63.7 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 140.903 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

Tgt Ion: 75 Resp: 158215
 Ion Ratio Lower Upper
 75 100
 155 105.1 54.4 163.1
 157 134.7 69.5 208.3

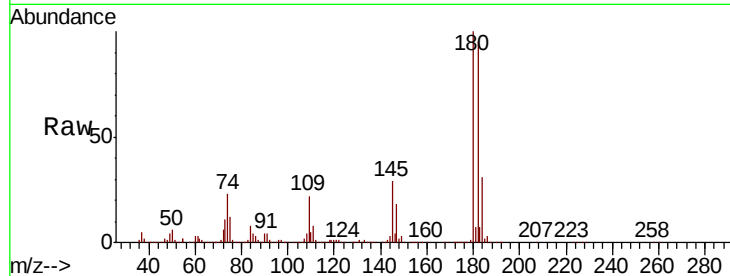




#93
 1,2,4-Trichlorobenzene
 Concen: 150.936 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.0	144.0
145	29.6	14.4	43.4

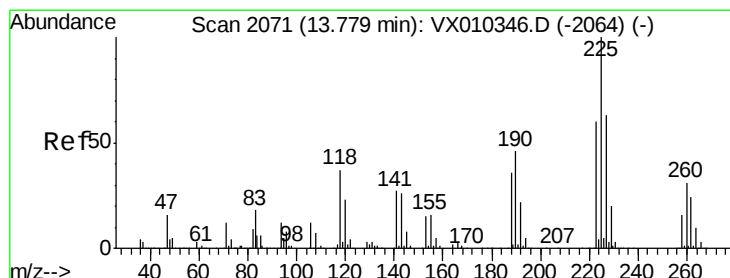
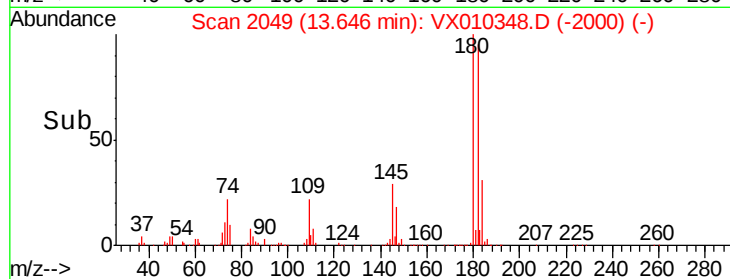
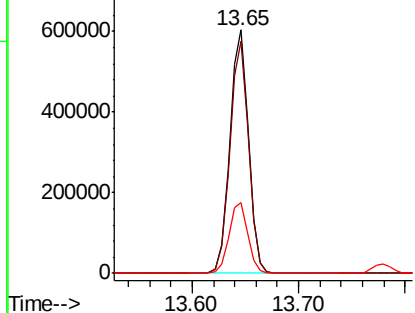


Abundance

Ion 179.80 (179.50 to 180.50): V

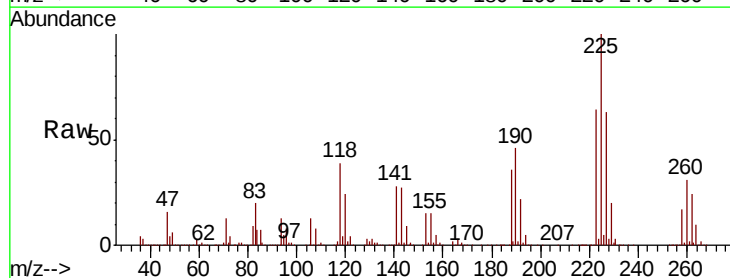
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 155.922 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010348.D
 Acq: 19 Jun 2019 14:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.9	92.7
227	62.8	31.9	95.5

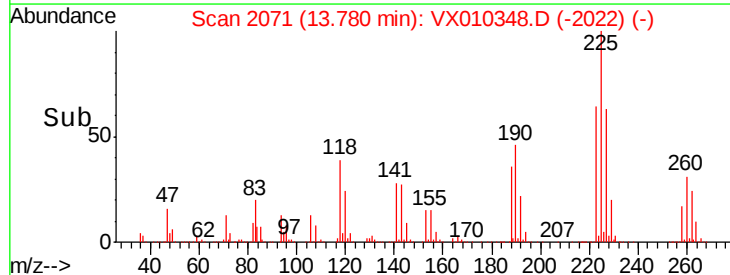
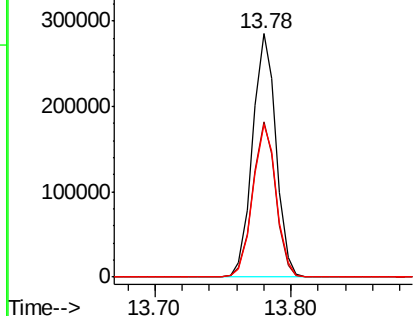


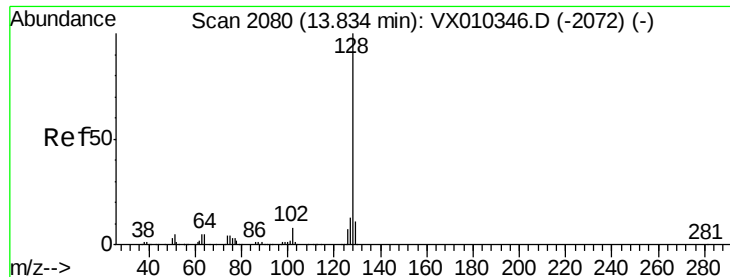
Abundance

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

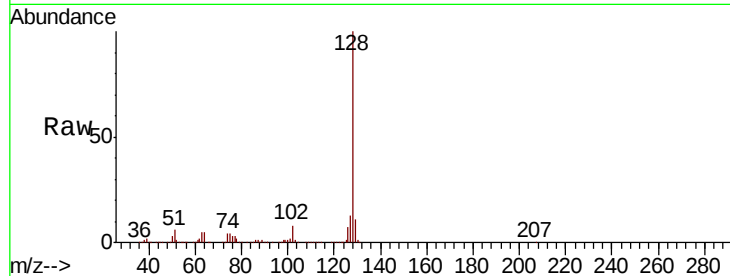




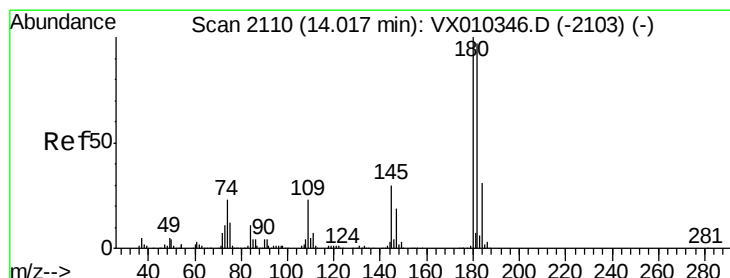
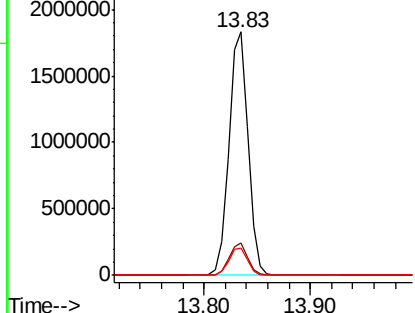
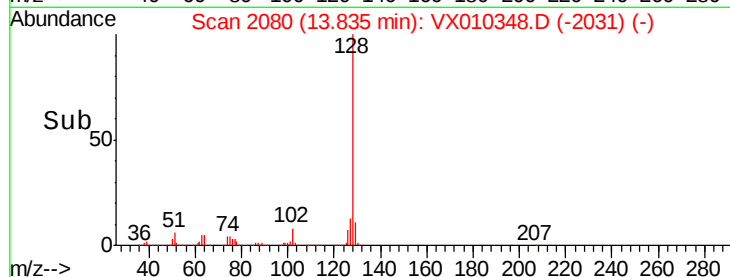
#95
Naphthalene
Concen: 149.782 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 2297783
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.9 13.3

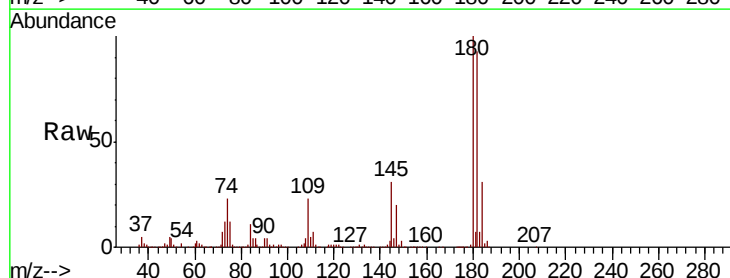


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 150.531 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010348.D
Acq: 19 Jun 2019 14:14

Tgt Ion:180 Resp: 729657
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.3
145 31.1 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

