

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052419\
 Data File : VW010545.D
 Acq On : 24 May 2019 12:39
 Operator : SY/VA
 Sample : VW0524SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

Quant Time: May 24 12:59:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	247065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	217363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	102607	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	67655	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	
35) Dibromofluoromethane	7.88	113	75131	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	10.32	98	292261	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.62	95	109340	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	22516	17.013	ug/l	99
3) Chloromethane	2.21	50	25186	16.311	ug/l	99
4) Vinyl Chloride	2.35	62	29276	16.368	ug/l	99
5) Bromomethane	2.76	94	21709	17.643	ug/l	99
6) Chloroethane	2.91	64	19861	17.298	ug/l	99
7) Trichlorofluoromethane	3.25	101	54141	20.503	ug/l	96
8) Diethyl Ether	3.68	74	16005	19.121	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33906	20.850	ug/l	98
10) Methyl Iodide	4.27	142	31821	17.120	ug/l	98
11) Tert butyl alcohol	5.17	59	13792	101.081	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	31989	20.607	ug/l	96
13) Acrolein	3.90	56	7353	77.050	ug/l	97
14) Allyl chloride	4.67	41	42949	19.114	ug/l	98
15) Acrylonitrile	5.37	53	27101	77.309	ug/l	99
16) Acetone	4.13	43	24037	77.630	ug/l	94
17) Carbon Disulfide	4.38	76	84955	18.348	ug/l	98
18) Methyl Acetate	4.67	43	12329	16.281	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	69305	17.513	ug/l	100
20) Methylene Chloride	4.92	84	37395	17.263	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	36181	20.320	ug/l	94
22) Diisopropyl ether	6.31	45	85902	18.645	ug/l	94
23) Vinyl Acetate	6.26	43	233445	84.822	ug/l	99
24) 1,1-Dichloroethane	6.22	63	55904	20.333	ug/l	97
25) 2-Butanone	7.17	43	37139	83.813	ug/l	96
26) 2,2-Dichloropropane	7.17	77	59255	22.625	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	39709	20.513	ug/l	98
28) Bromochloromethane	7.51	49	19307	19.613	ug/l	93
29) Tetrahydrofuran	7.53	42	22035	73.488	ug/l	100
30) Chloroform	7.67	83	60032	20.242	ug/l	100
31) Cyclohexane	7.95	56	56382	19.577	ug/l #	88
32) 1,1,1-Trichloroethane	7.87	97	58098	20.497	ug/l	98
36) 1,1-Dichloropropene	8.08	75	48372	21.017	ug/l	99
37) Ethyl Acetate	7.25	43	16603	16.964	ug/l	98
38) Carbon Tetrachloride	8.07	117	53103	21.389	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052419\
 Data File : VW010545.D
 Acq On : 24 May 2019 12:39
 Operator : SY/VA
 Sample : VW0524SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

Quant Time: May 24 12:59:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	65128	21.121	ug/l	99
40) Benzene	8.32	78	135693	21.212	ug/l	99
41) Methacrylonitrile	7.49	41	9932	17.079	ug/l	93
42) 1,2-Dichloroethane	8.40	62	35545	19.441	ug/l	99
43) Isopropyl Acetate	8.43	43	31466	16.093	ug/l	97
44) Trichloroethene	9.09	130	40721	21.442	ug/l	100
45) 1,2-Dichloropropane	9.37	63	30637	20.166	ug/l	98
46) Dibromomethane	9.46	93	16713	18.810	ug/l	96
47) Bromodichloromethane	9.64	83	43788	19.611	ug/l	97
48) Methyl methacrylate	9.44	41	15066	16.843	ug/l	94
49) 1,4-Dioxane	9.46	88	4208	289.923	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	76229	76.938	ug/l	98
52) Toluene	10.39	92	92305	21.486	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	42019	18.582	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	50773	19.660	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	24581	19.239	ug/l	97
56) Ethyl methacrylate	10.65	69	29302	16.629	ug/l	97
57) 1,3-Dichloropropane	10.93	76	40788	19.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	64700	82.896	ug/l	96
59) 2-Hexanone	10.97	43	52577	74.390	ug/l	97
60) Dibromochloromethane	11.13	129	30812	19.055	ug/l	99
61) 1,2-Dibromoethane	11.24	107	23407	18.085	ug/l	97
64) Tetrachloroethene	10.86	164	32829	21.666	ug/l	97
65) Chlorobenzene	11.66	112	98188	21.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	34803	20.972	ug/l	99
67) Ethyl Benzene	11.73	91	175262	21.429	ug/l	98
68) m/p-Xylenes	11.84	106	137602	42.893	ug/l	100
69) o-Xylene	12.16	106	65386	21.513	ug/l	99
70) Styrene	12.18	104	108868	21.110	ug/l	100
71) Bromoform	12.35	173	15837	17.330	ug/l #	99
73) Isopropylbenzene	12.47	105	178784	21.958	ug/l	99
74) N-amyl acetate	12.27	43	28516	15.283	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	25693	17.349	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33125	31.804	ug/l	39
77) Bromobenzene	12.75	156	39206	21.517	ug/l	97
78) n-propylbenzene	12.80	91	206765	21.791	ug/l	100
79) 2-Chlorotoluene	12.90	91	117346	21.325	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	148641	21.555	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	7846	15.722	ug/l	98
82) 4-Chlorotoluene	12.99	91	122818	21.503	ug/l	100
83) tert-Butylbenzene	13.21	119	130587	21.679	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	147039	21.409	ug/l	99
85) sec-Butylbenzene	13.38	105	182493	21.649	ug/l	99
86) p-Isopropyltoluene	13.50	119	166186	21.781	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	78228	21.883	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	76590	21.354	ug/l	98
89) n-Butylbenzene	13.83	91	153581	21.162	ug/l	99
90) Hexachloroethane	14.10	117	31213	21.135	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	67690	20.782	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4174	15.158	ug/l	97

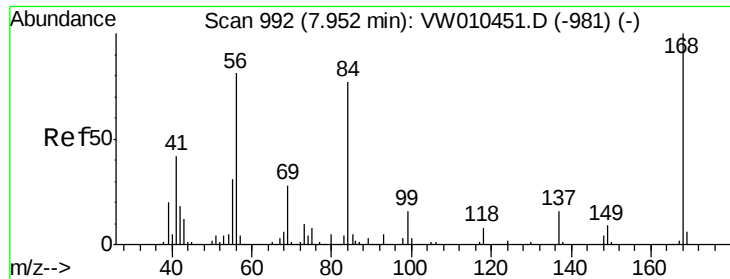
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW052419\
Data File : VW010545.D
Acq On : 24 May 2019 12:39
Operator : SY/VA
Sample : VW0524SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

Quant Time: May 24 12:59:29 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	43711	19.724	ug/l	99
94) Hexachlorobutadiene	15.24	225	25015	21.129	ug/l	97
95) Naphthalene	15.37	128	76320	16.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	36854	19.326	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

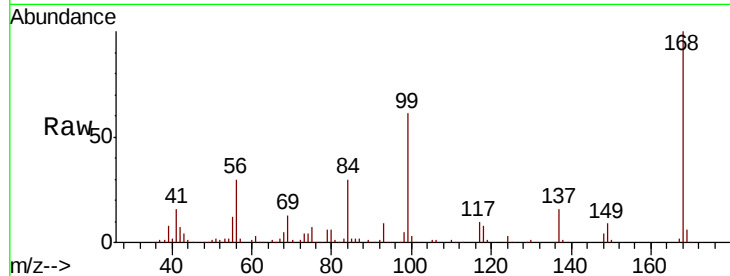
VW0524SBS01

Tgt Ion:168 Resp: 146963

Ion Ratio Lower Upper

168 100

99 61.2 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

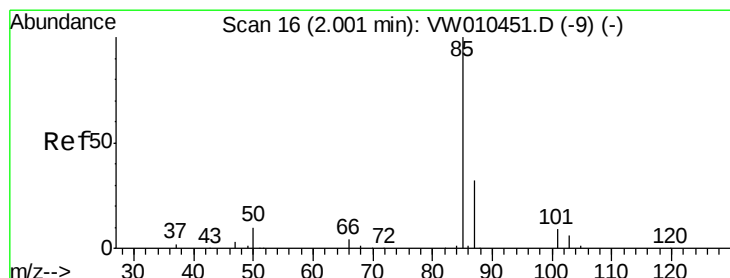
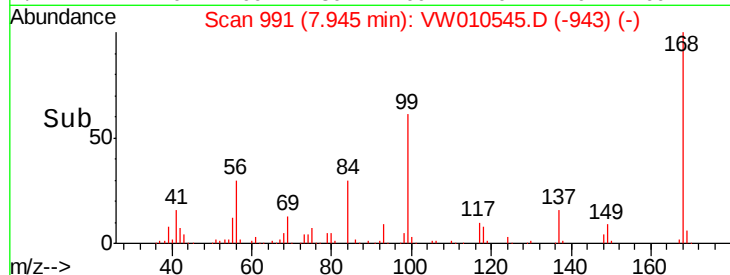
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.013 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW010545.D

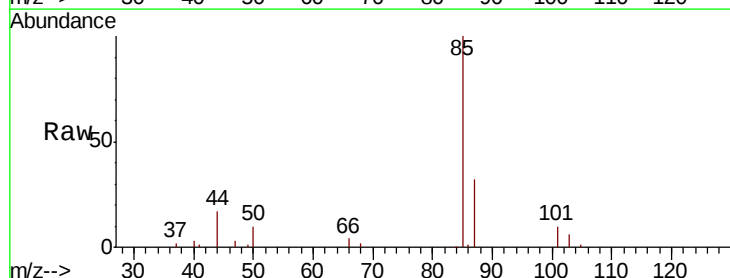
Acq: 24 May 2019 12:39

Tgt Ion: 85 Resp: 22516

Ion Ratio Lower Upper

85 100

87 32.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

15000

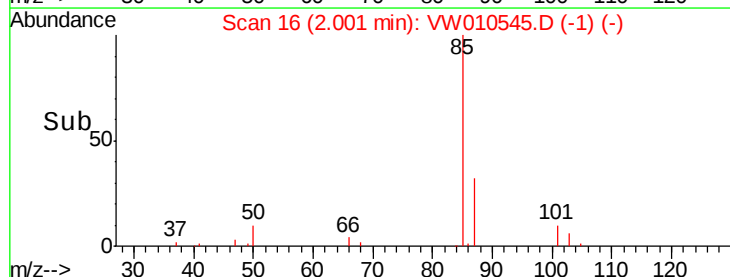
10000

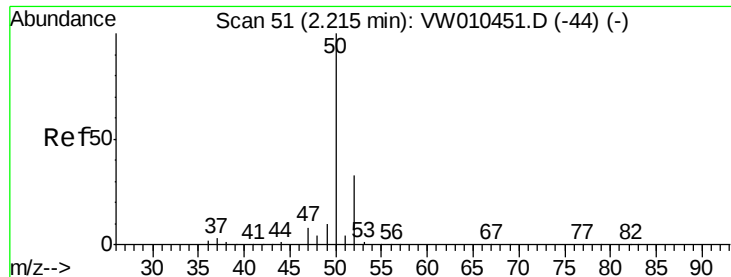
5000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 16.311 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

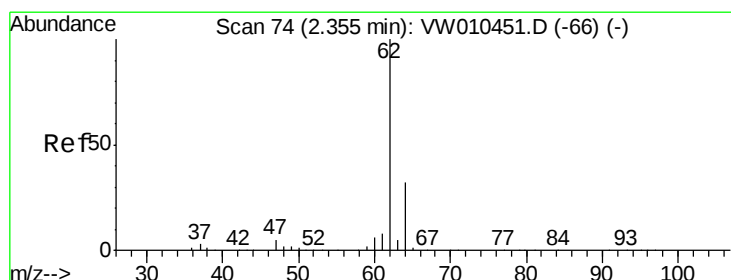
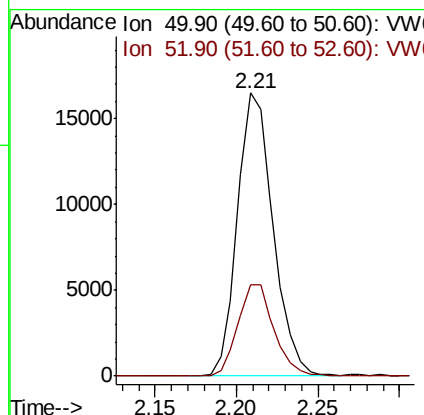
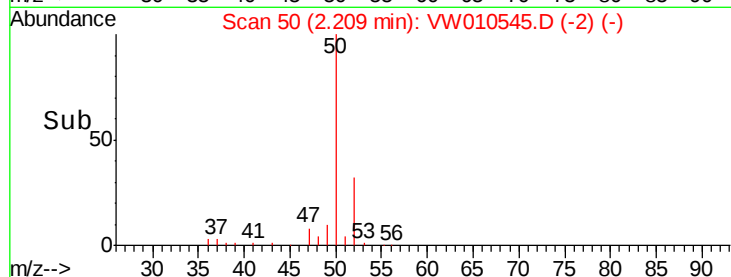
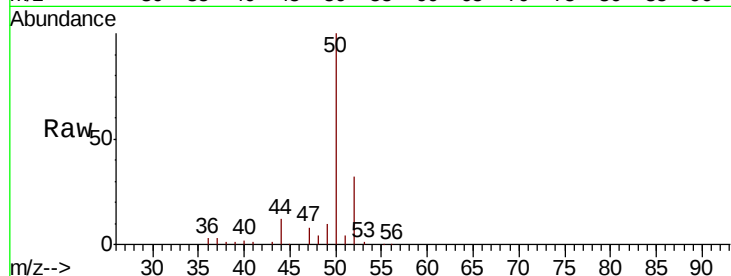
VW0524SBS01

Tgt Ion: 50 Resp: 25186

Ion Ratio Lower Upper

50 100

52 32.3 26.3 39.5



#4

Vinyl Chloride

Concen: 16.368 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010545.D

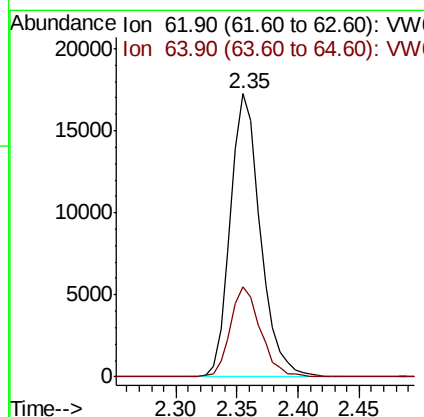
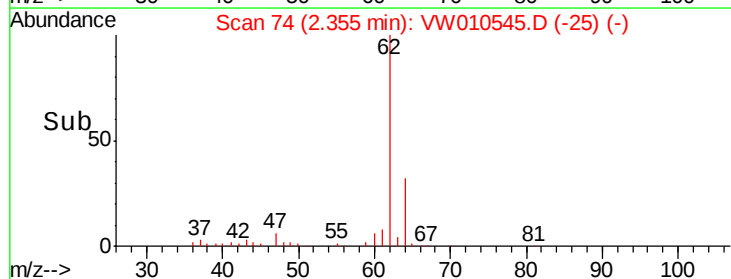
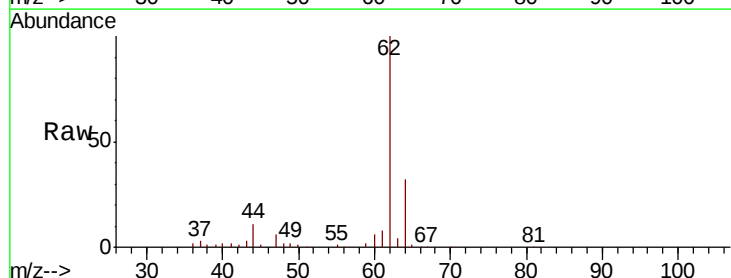
Acq: 24 May 2019 12:39

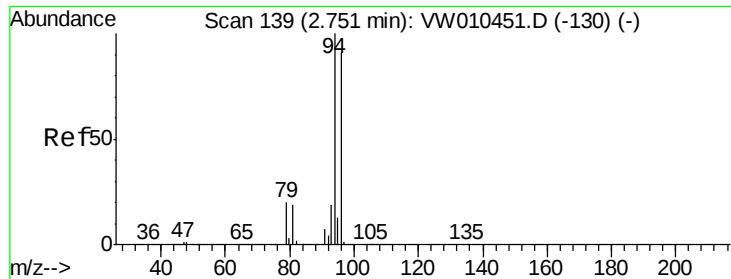
Tgt Ion: 62 Resp: 29276

Ion Ratio Lower Upper

62 100

64 31.7 25.8 38.8





#5

Bromomethane

Concen: 17.643 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.01 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

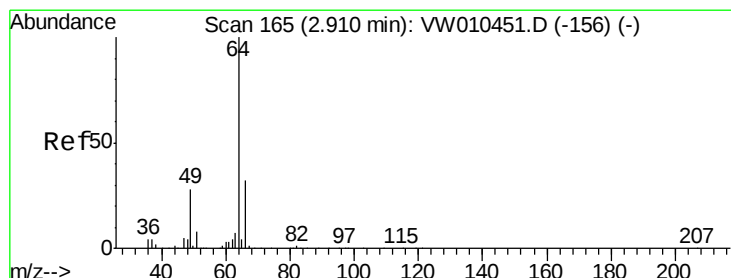
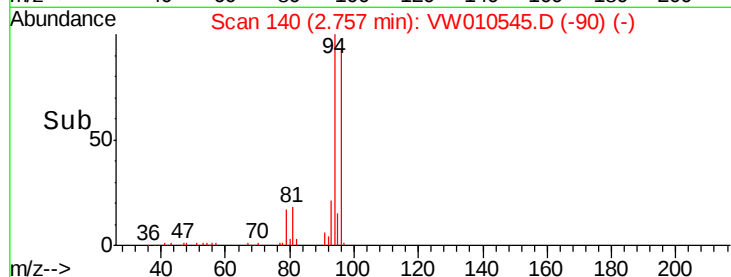
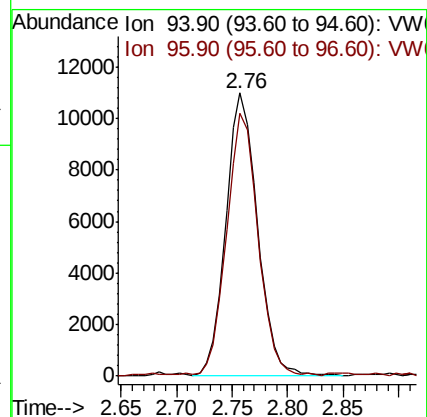
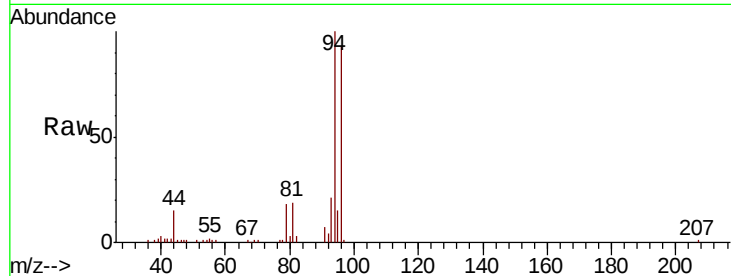
VW0524SBS01

Tgt Ion: 94 Resp: 21709

Ion Ratio Lower Upper

94 100

96 92.2 72.9 109.3



#6

Chloroethane

Concen: 17.298 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010545.D

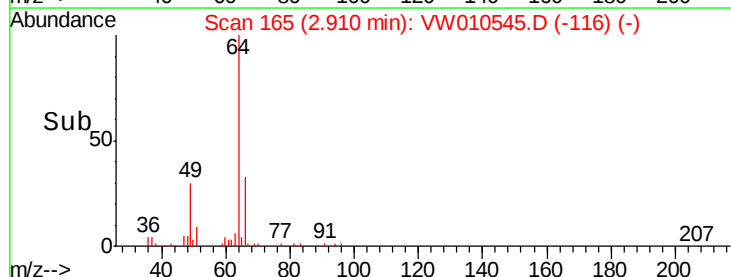
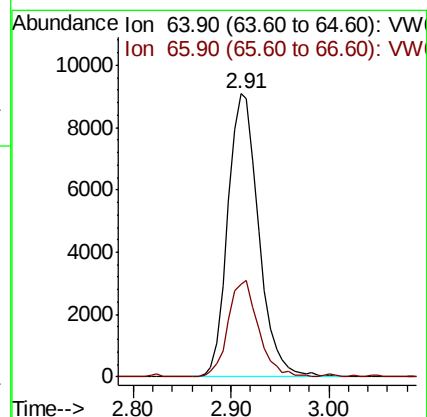
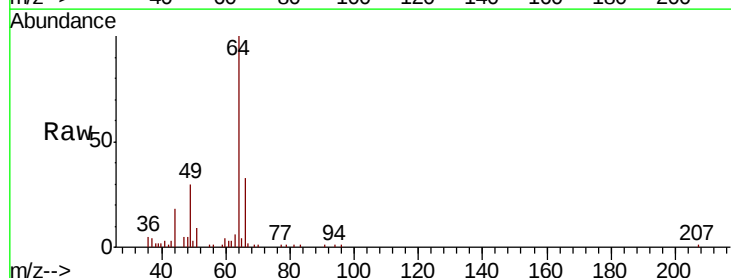
Acq: 24 May 2019 12:39

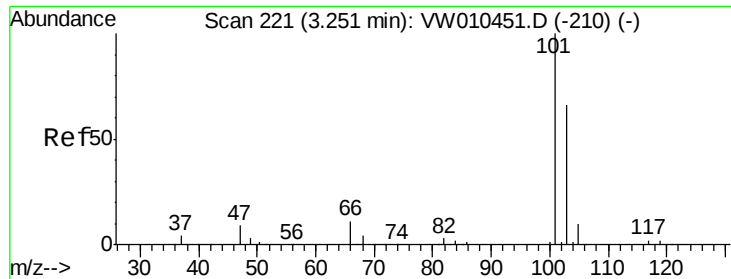
Tgt Ion: 64 Resp: 19861

Ion Ratio Lower Upper

64 100

66 32.7 25.5 38.3



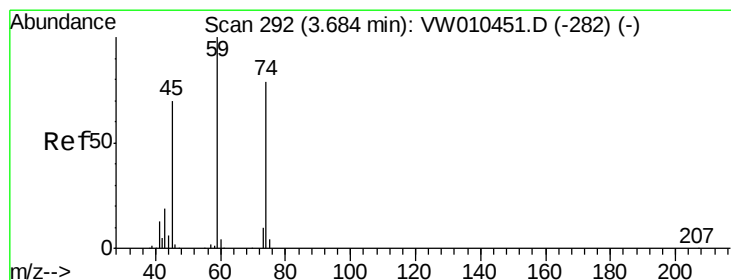
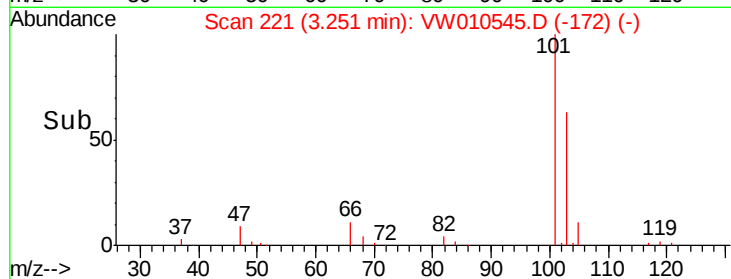
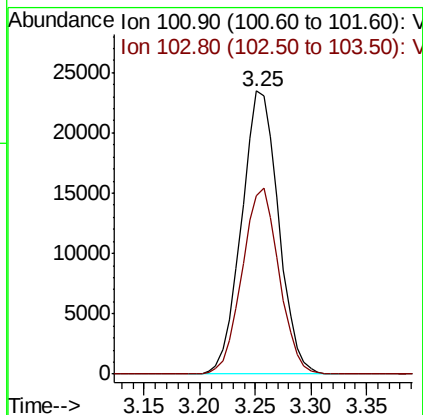
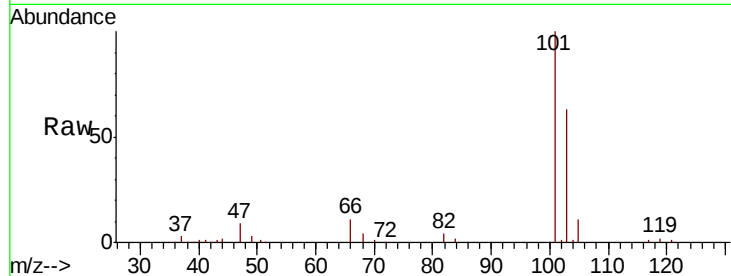


#7

Trichlorofluoromethane
 Concen: 20.503 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

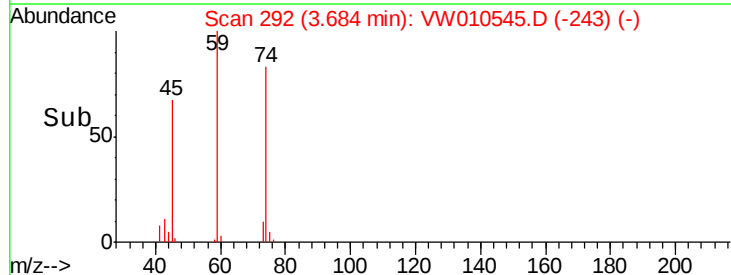
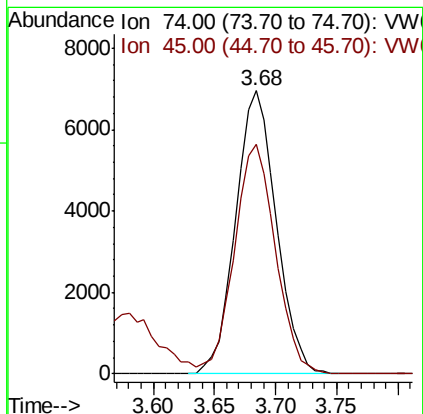
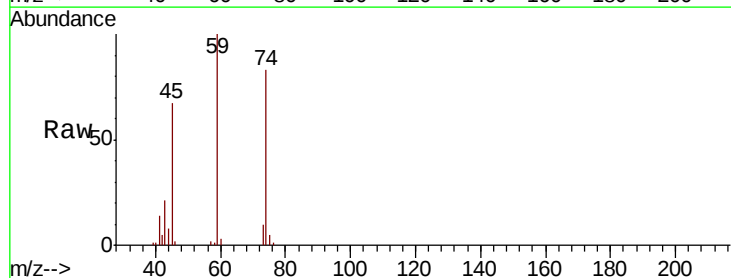
Tgt Ion: 101 Resp: 54141
 Ion Ratio Lower Upper
 101 100
 103 62.9 53.0 79.4

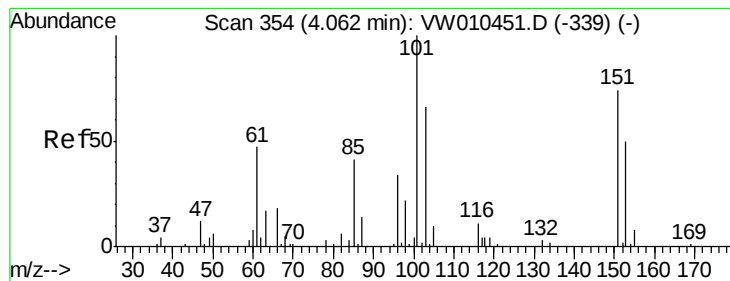


#8

Diethyl Ether
 Concen: 19.121 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Tgt Ion: 74 Resp: 16005
 Ion Ratio Lower Upper
 74 100
 45 82.2 42.9 128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.850 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW0524SBS01

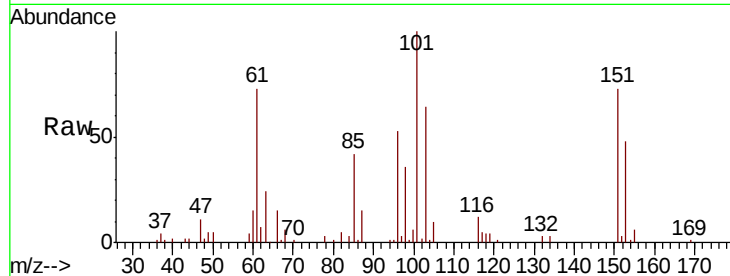
Tgt Ion:101 Resp: 33906

Ion Ratio Lower Upper

101 100

85 42.7 34.3 51.5

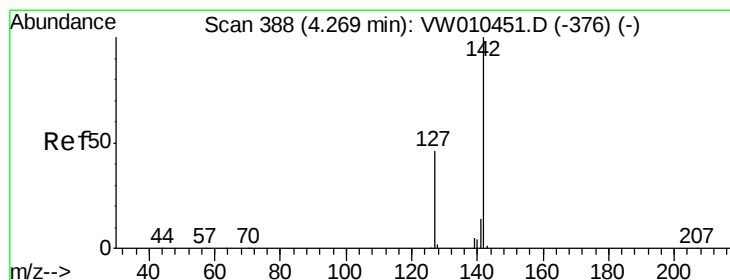
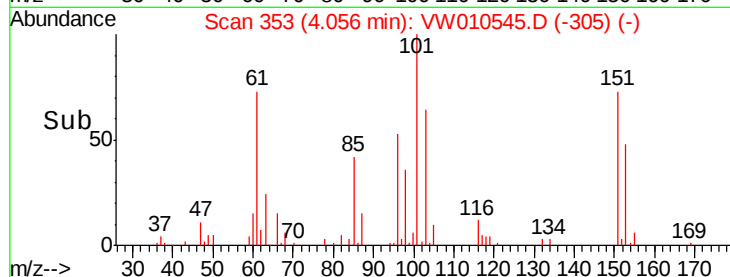
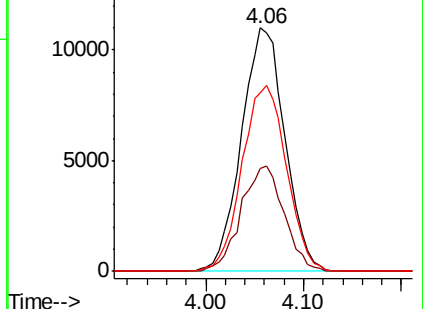
151 78.2 60.3 90.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.120 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

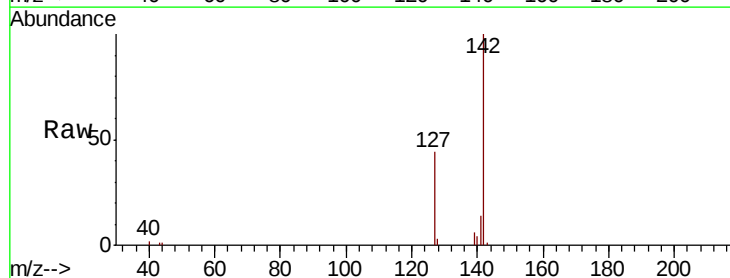
Tgt Ion:142 Resp: 31821

Ion Ratio Lower Upper

142 100

127 43.6 36.1 54.1

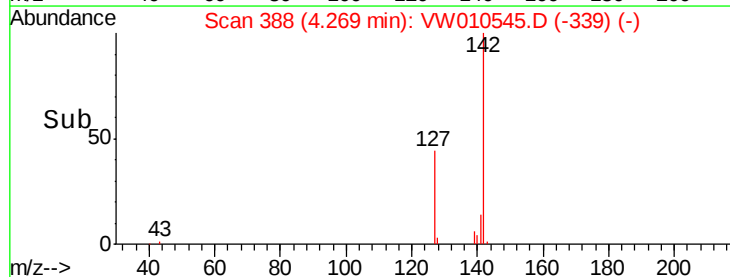
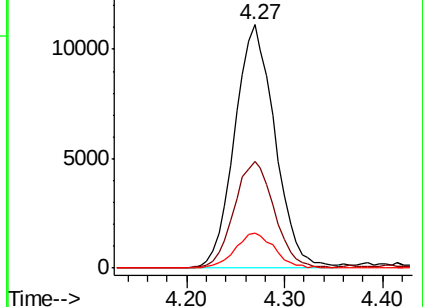
141 14.0 11.3 16.9

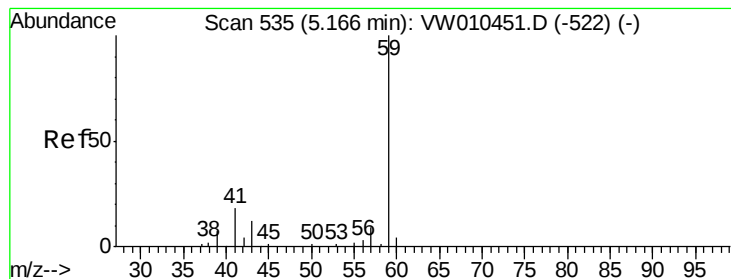


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



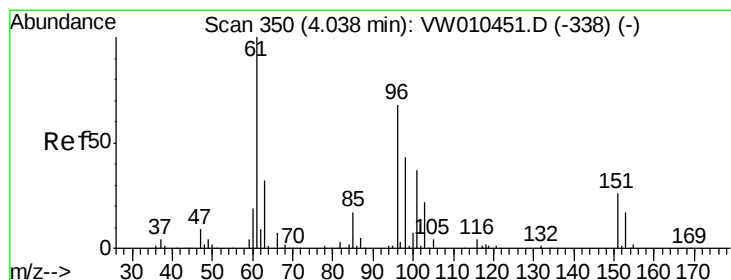
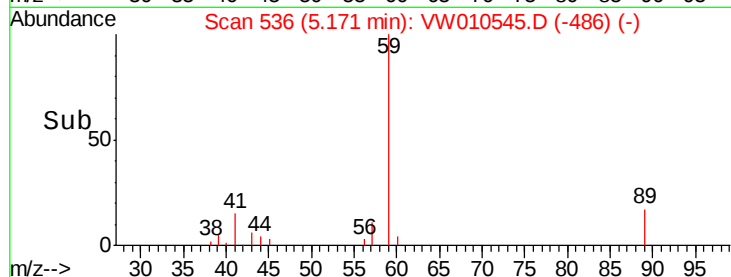
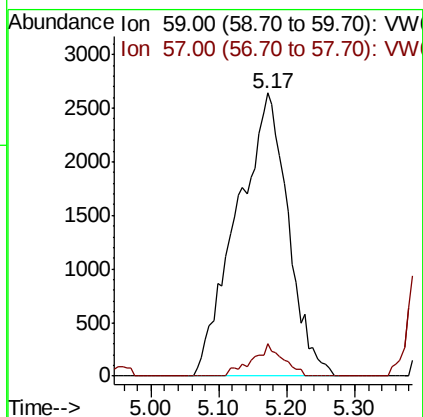
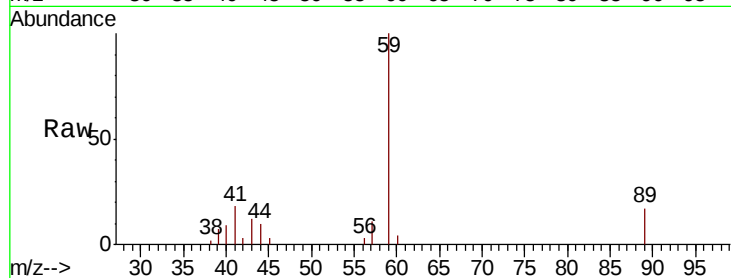


#11

Tert butyl alcohol
 Concen: 101.081 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

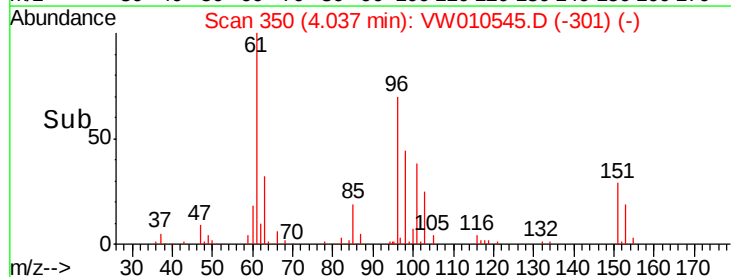
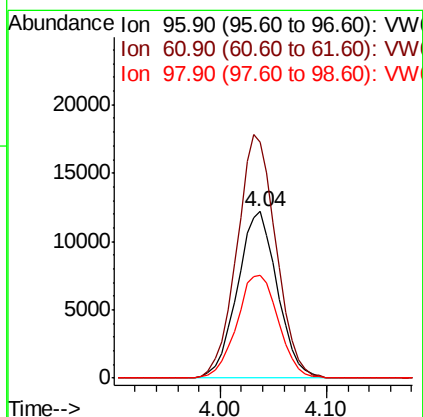
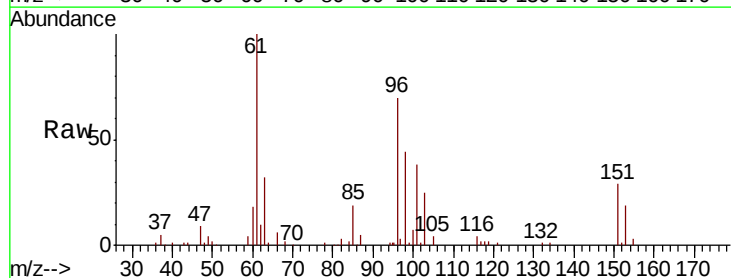
Tgt Ion: 59 Resp: 13792
 Ion Ratio Lower Upper
 59 100
 57 6.9 8.8 13.2#

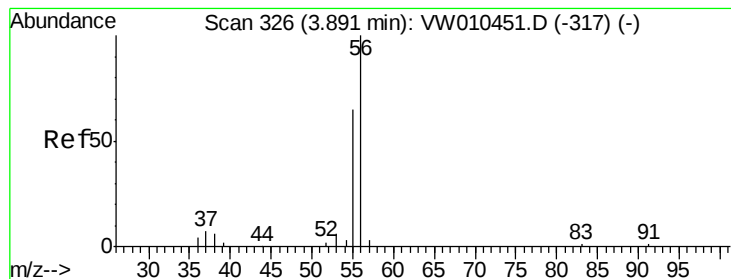


#12

1,1-Dichloroethene
 Concen: 20.607 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Tgt Ion: 96 Resp: 31989
 Ion Ratio Lower Upper
 96 100
 61 142.0 118.3 177.5
 98 62.1 51.0 76.6





#13

Acrolein

Concen: 77.050 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

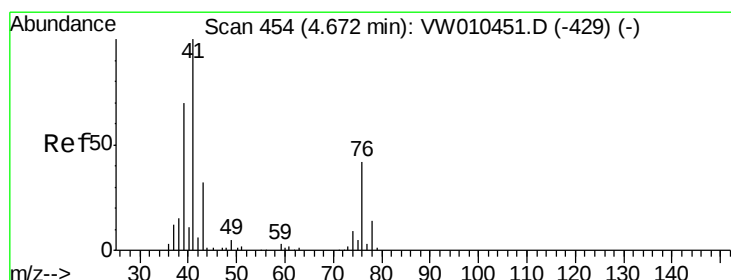
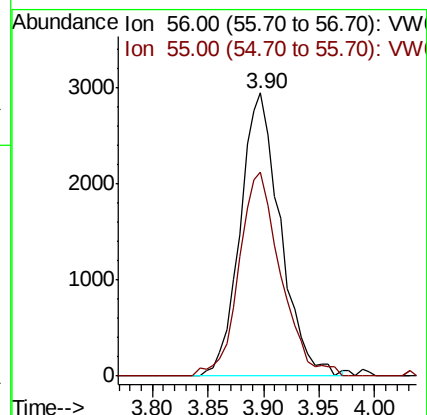
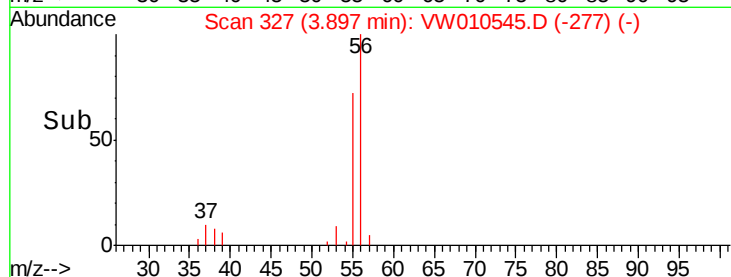
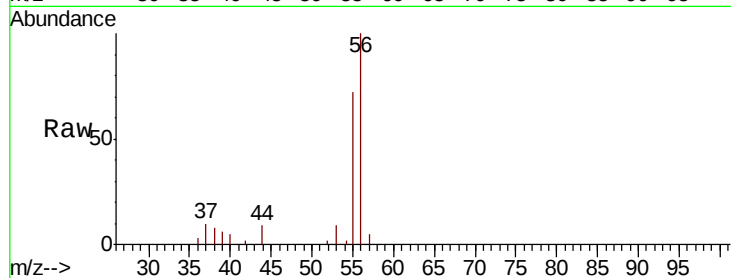
VW0524SBS01

Tgt Ion: 56 Resp: 7353

Ion Ratio Lower Upper

56 100

55 74.9 57.9 86.9



#14

Allyl chloride

Concen: 19.114 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

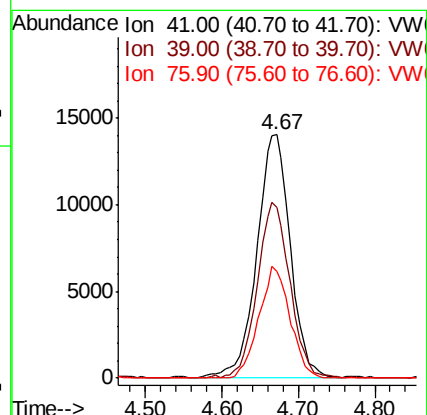
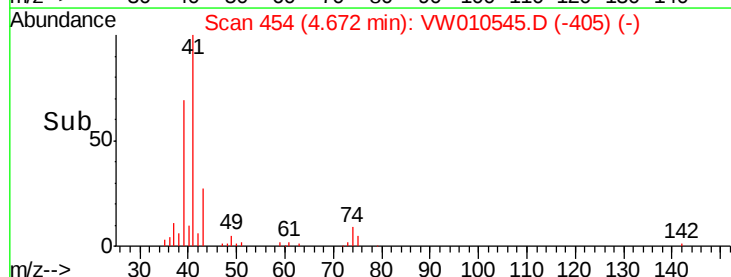
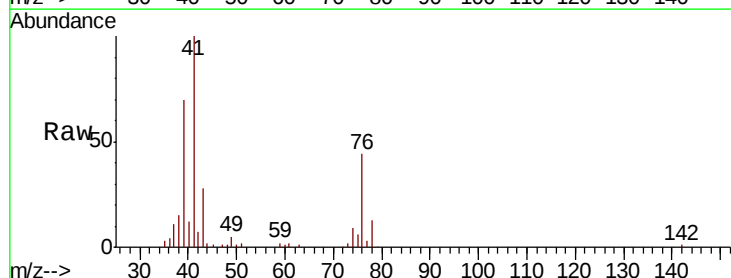
Tgt Ion: 41 Resp: 42949

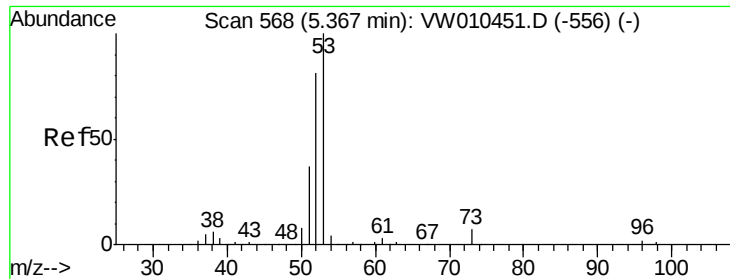
Ion Ratio Lower Upper

41 100

39 70.4 55.0 82.4

76 42.4 32.8 49.2





#15

Acrylonitrile

Concen: 77.309 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW0524SBS01

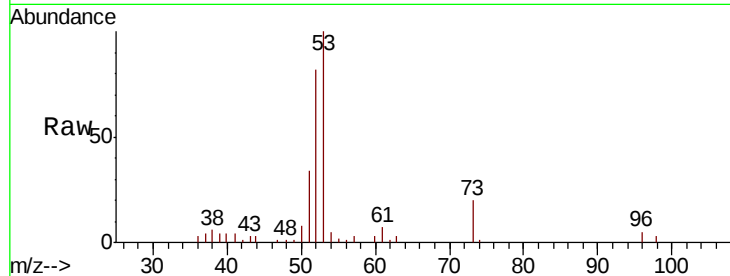
Tgt Ion: 53 Resp: 27101

Ion Ratio Lower Upper

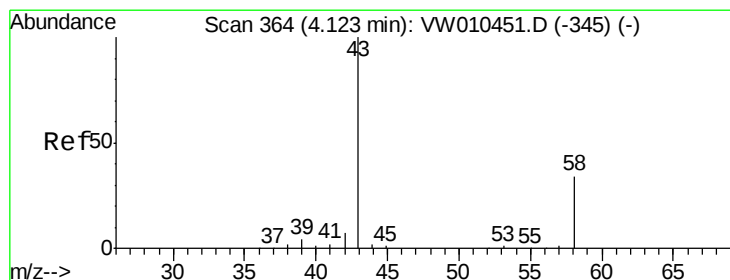
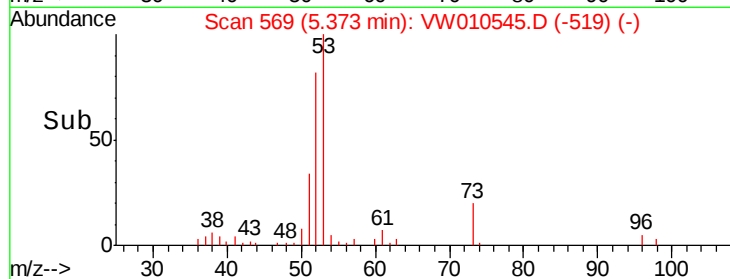
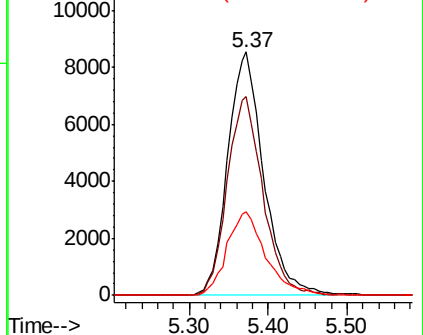
53 100

52 81.0 65.6 98.4

51 36.8 29.5 44.3



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



#16

Acetone

Concen: 77.630 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010545.D

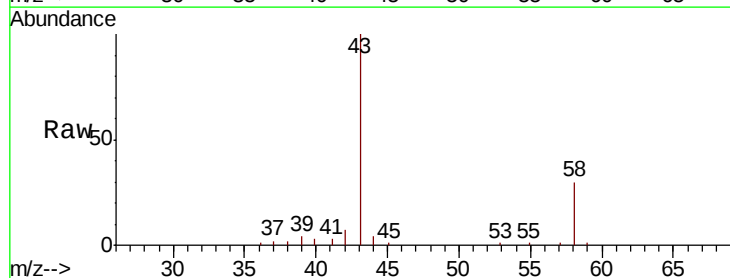
Acq: 24 May 2019 12:39

Tgt Ion: 43 Resp: 24037

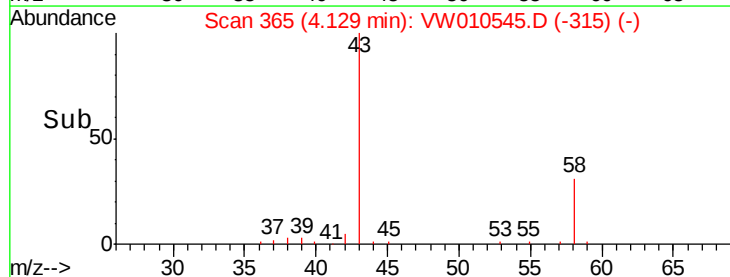
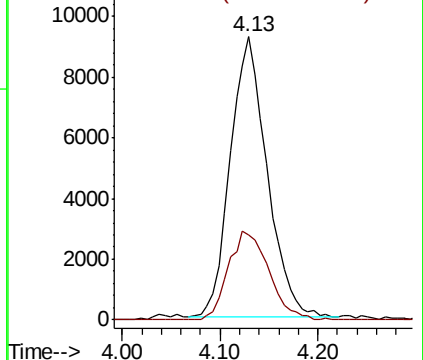
Ion Ratio Lower Upper

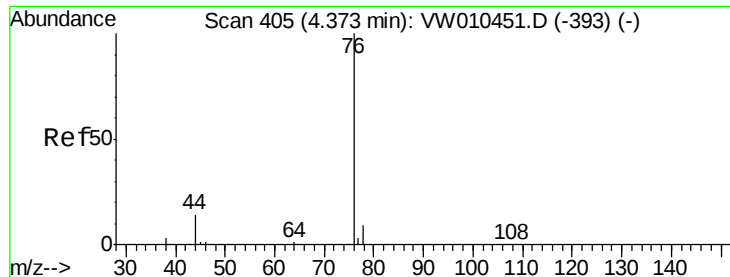
43 100

58 30.5 27.0 40.4



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

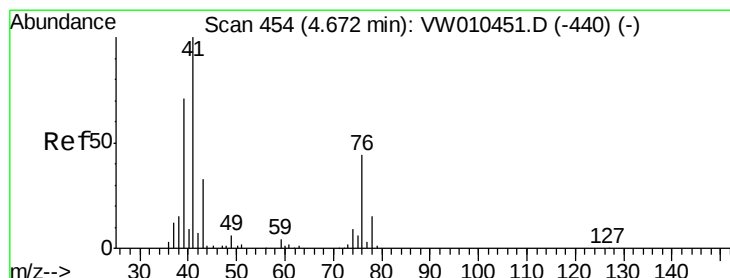
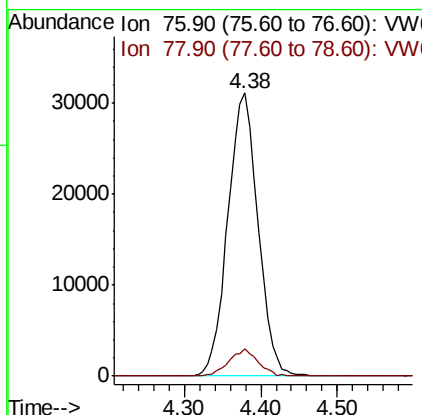
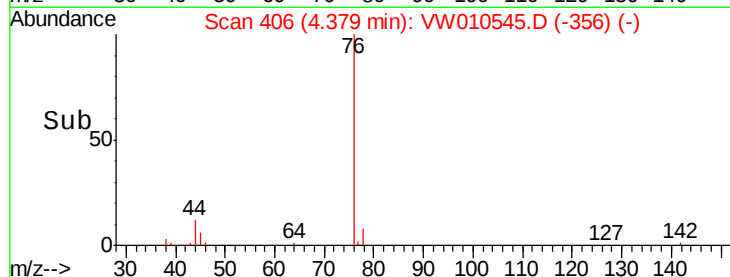
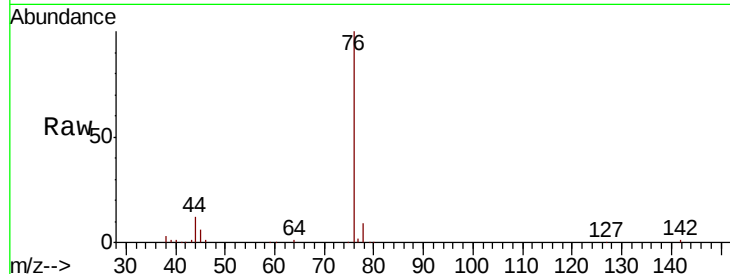




#17
Carbon Disulfide
Concen: 18.348 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

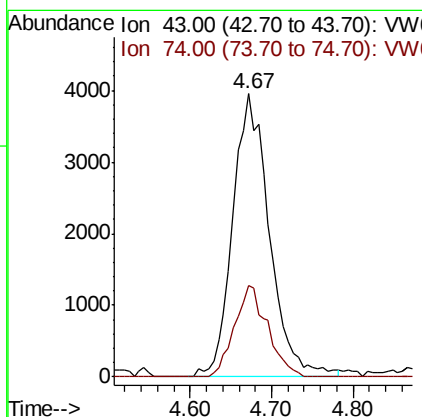
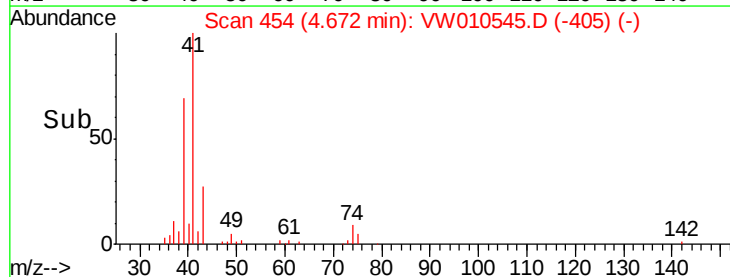
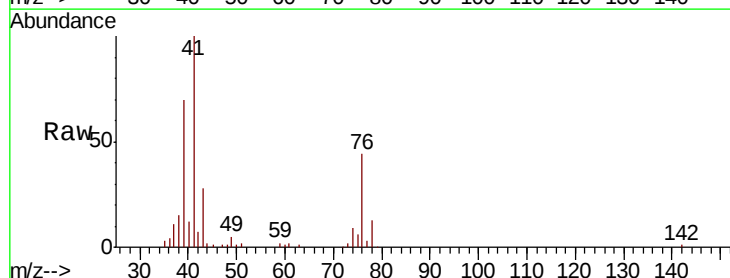
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

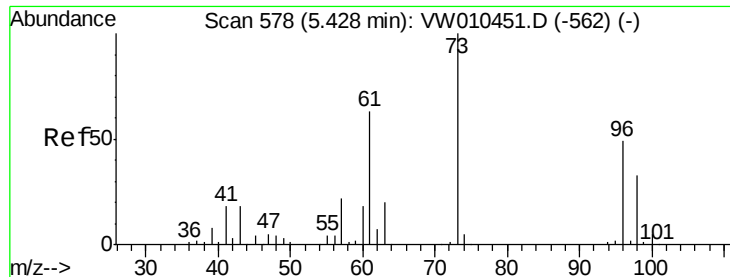
Tgt Ion: 76 Resp: 84955
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 16.281 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion: 43 Resp: 12329
Ion Ratio Lower Upper
43 100
74 29.0 21.6 32.4

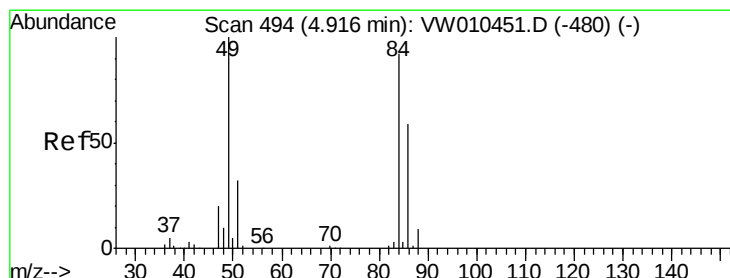
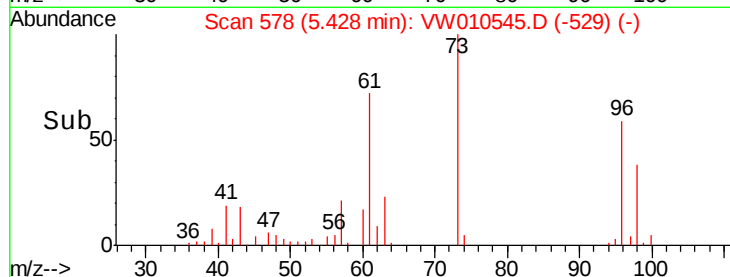
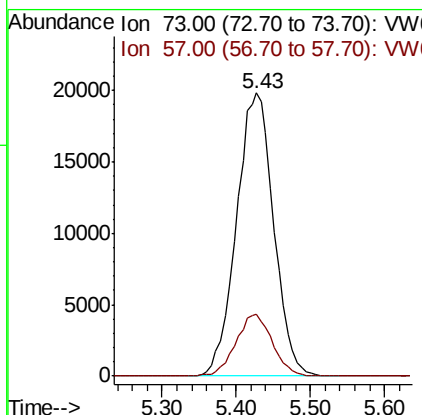
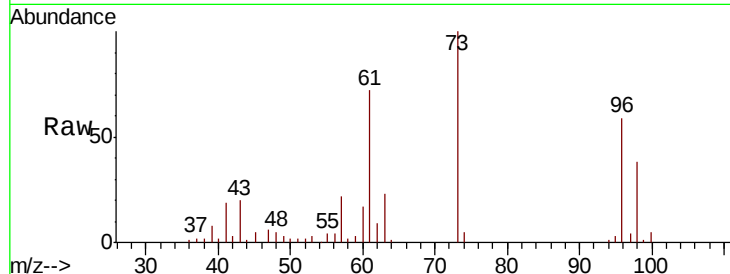




#19
Methyl tert-butyl Ether
Concen: 17.513 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

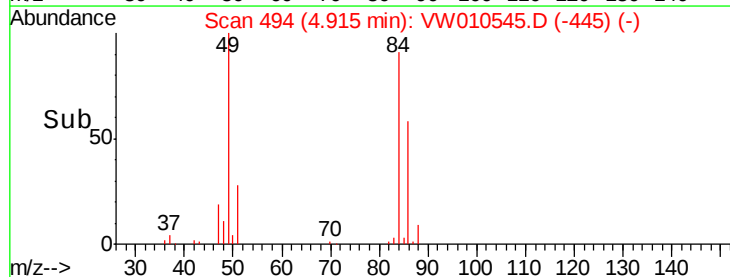
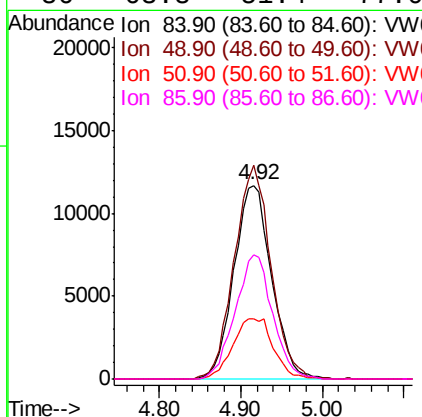
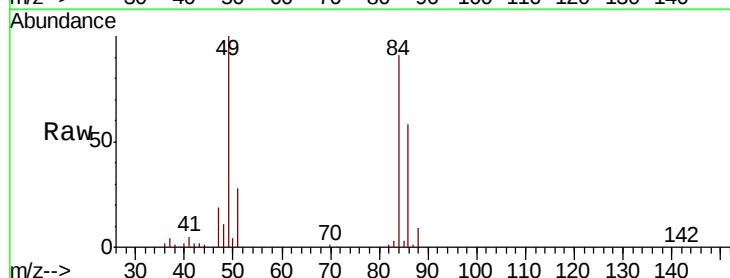
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

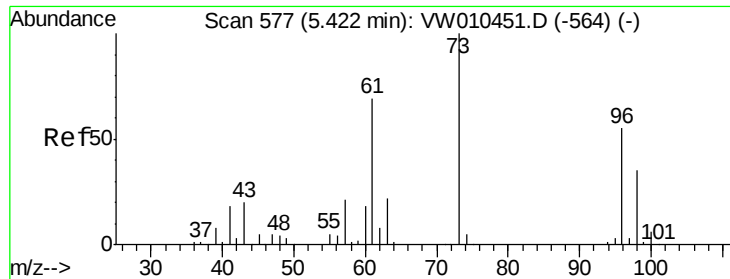
Tgt Ion: 73 Resp: 69305
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 17.263 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion: 84 Resp: 37395
Ion Ratio Lower Upper
84 100
49 110.2 87.2 130.8
51 30.8 27.7 41.5
86 63.8 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 20.320 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW0524SBS01

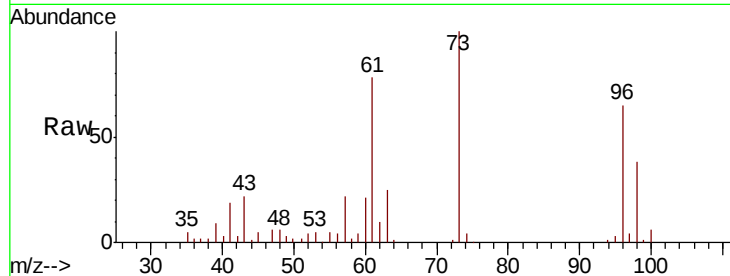
Tgt Ion: 96 Resp: 36181

Ion Ratio Lower Upper

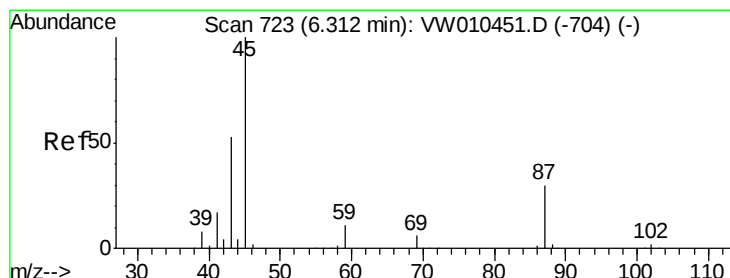
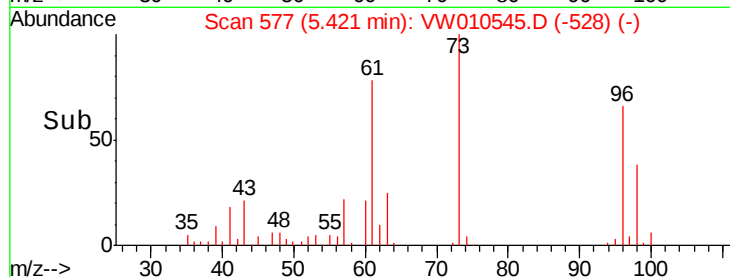
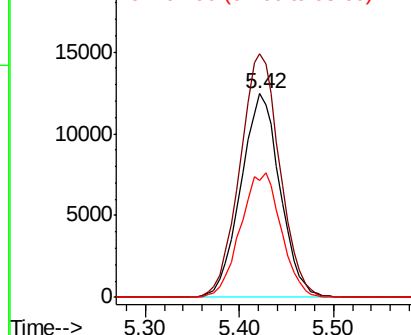
96 100

61 119.7 101.4 152.0

98 57.7 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VW
20000 Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 18.645 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Tgt Ion: 45 Resp: 85902

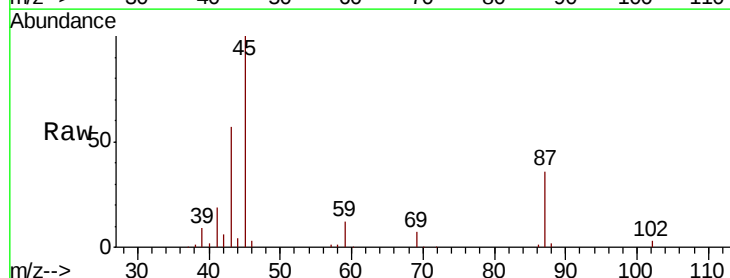
Ion Ratio Lower Upper

45 100

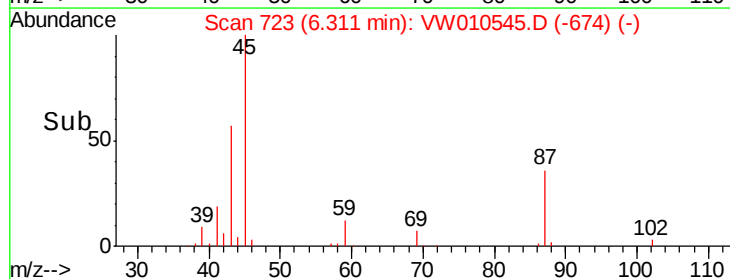
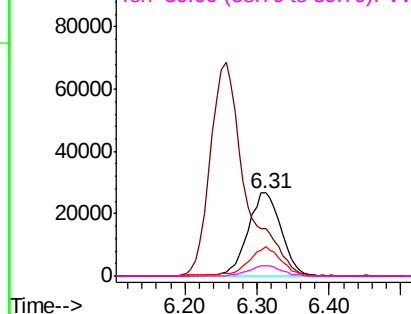
43 56.4 42.9 64.3

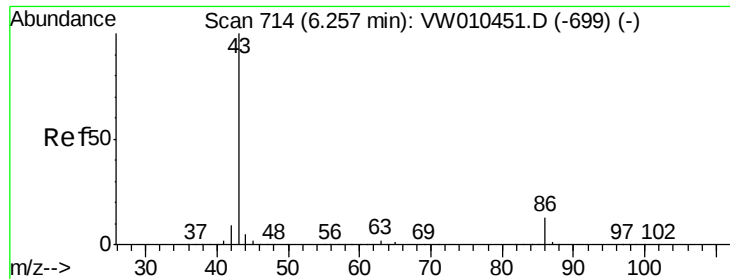
87 36.2 24.6 36.8

59 12.0 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VW
100000 Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 84.822 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

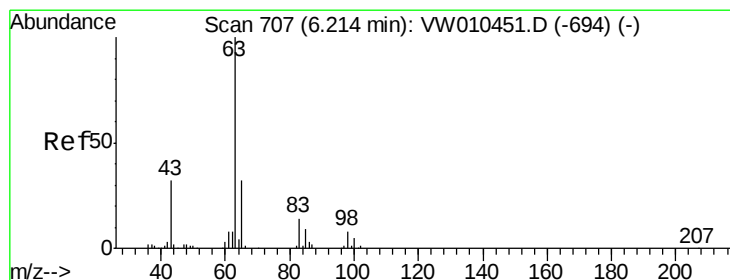
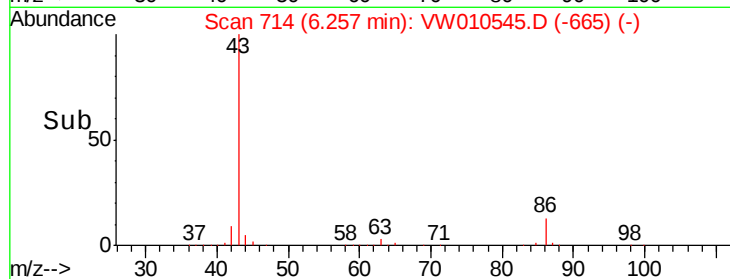
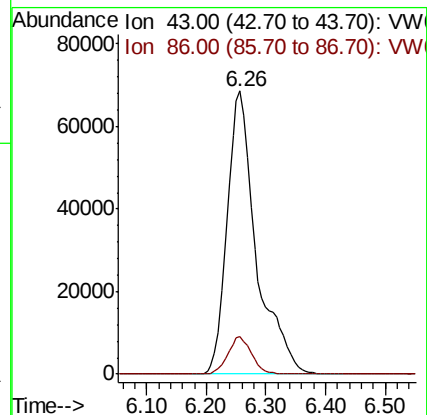
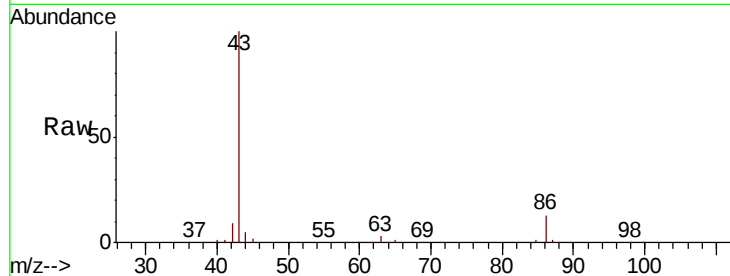
VW0524SBS01

Tgt Ion: 43 Resp: 233445

Ion Ratio Lower Upper

43 100

86 13.3 10.3 15.5



#24

1,1-Dichloroethane

Concen: 20.333 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

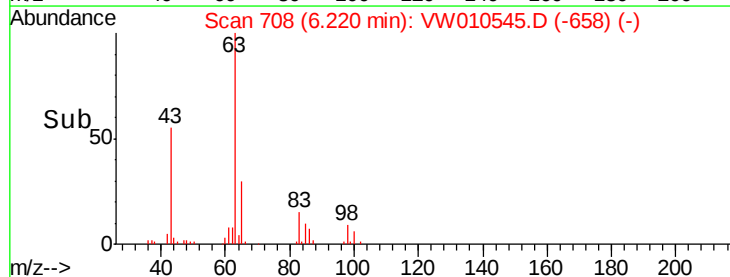
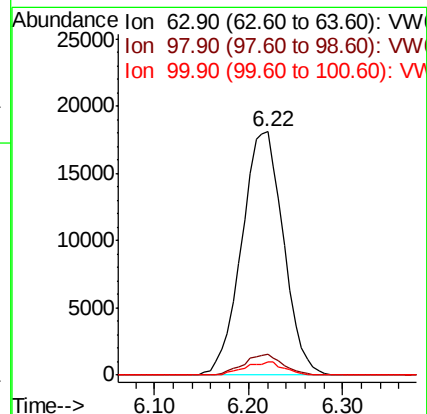
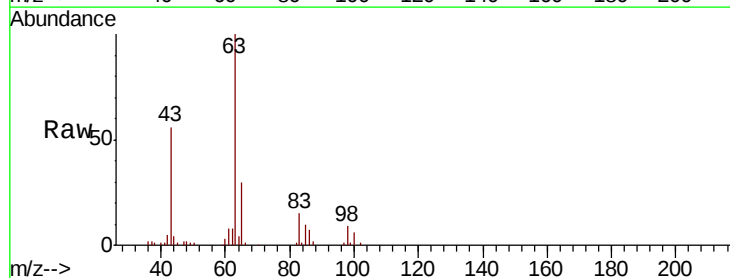
Tgt Ion: 63 Resp: 55904

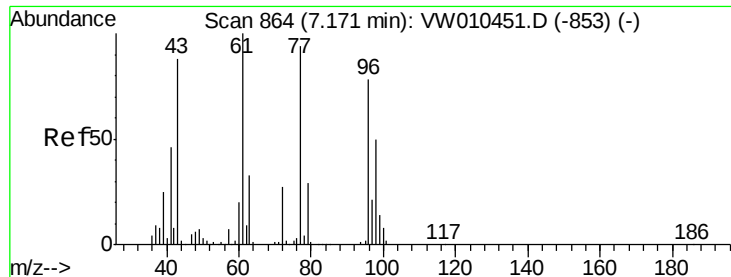
Ion Ratio Lower Upper

63 100

98 8.7 3.8 11.2

100 5.5 2.5 7.4





#25

2-Butanone

Concen: 83.813 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

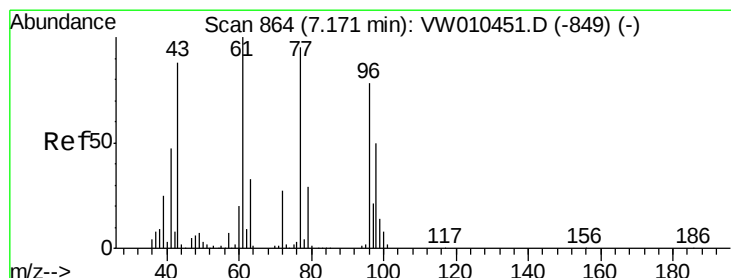
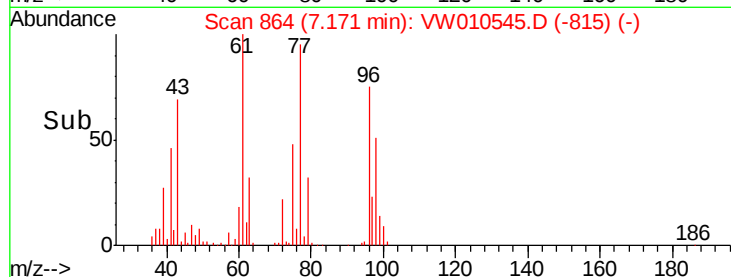
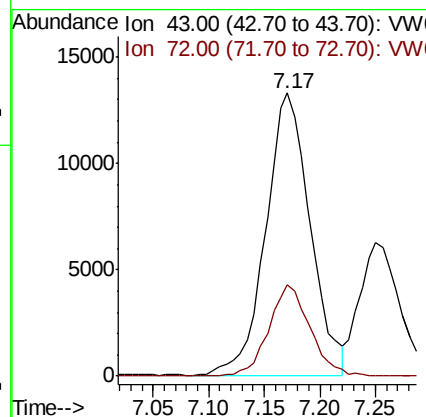
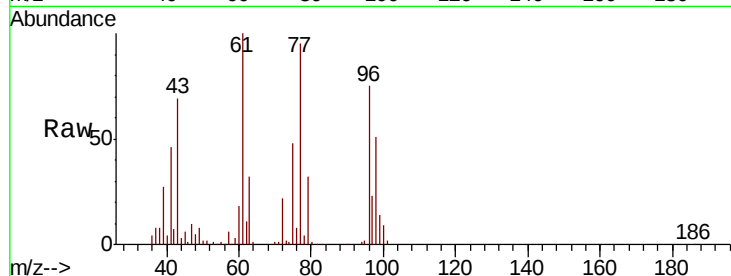
VW0524SBS01

Tgt Ion: 43 Resp: 37139

Ion Ratio Lower Upper

43 100

72 32.1 24.1 36.1



#26

2,2-Dichloropropane

Concen: 22.625 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW010545.D

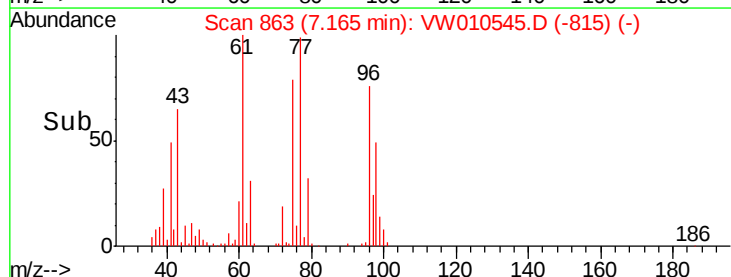
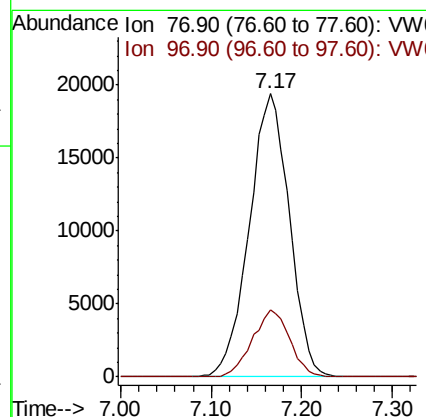
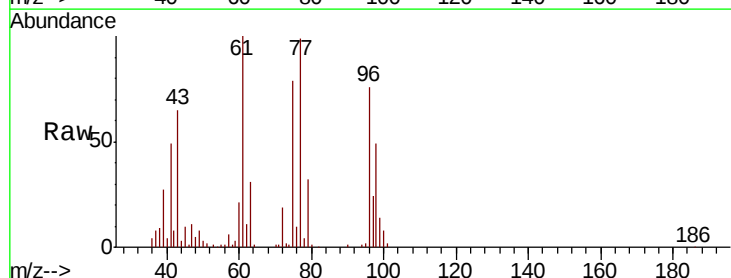
Acq: 24 May 2019 12:39

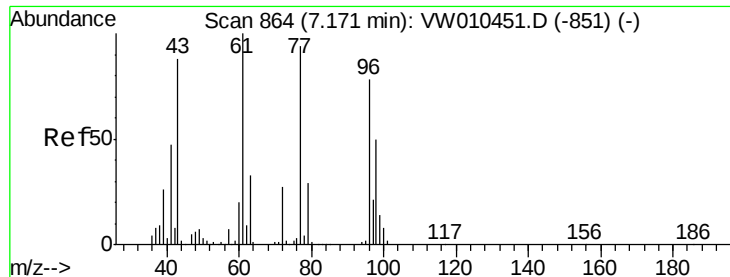
Tgt Ion: 77 Resp: 59255

Ion Ratio Lower Upper

77 100

97 22.0 11.7 35.0



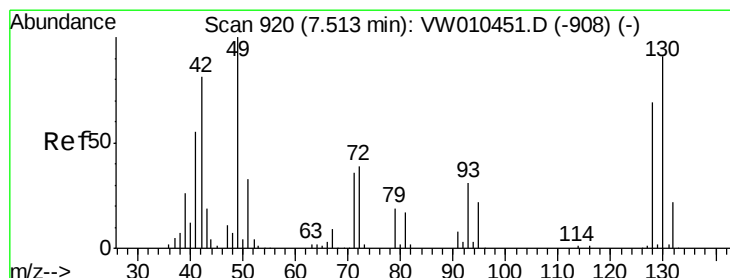
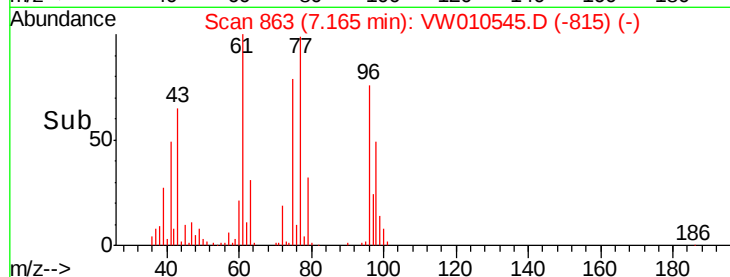
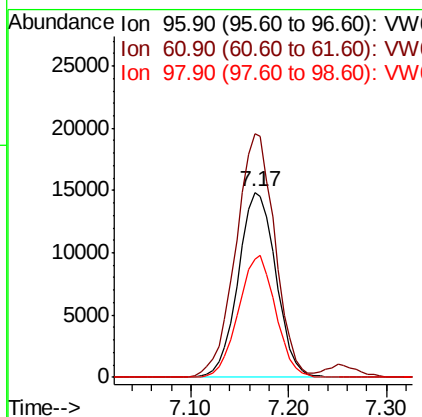
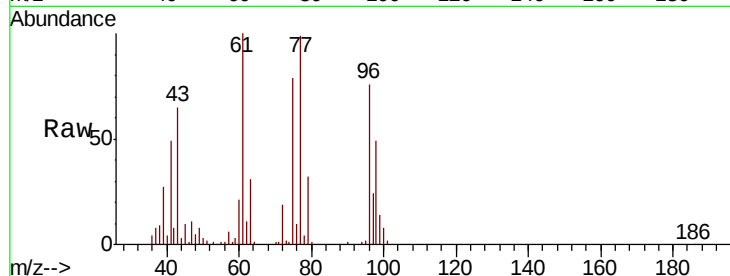


#27

cis-1,2-Dichloroethene
 Concen: 20.513 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

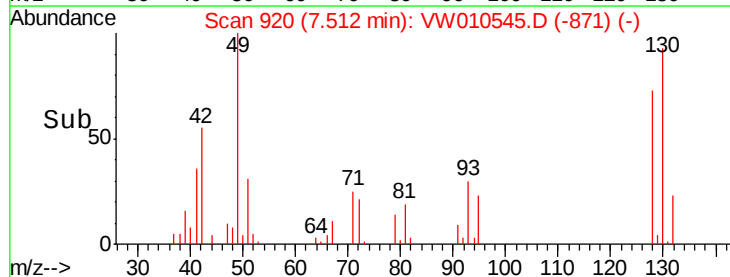
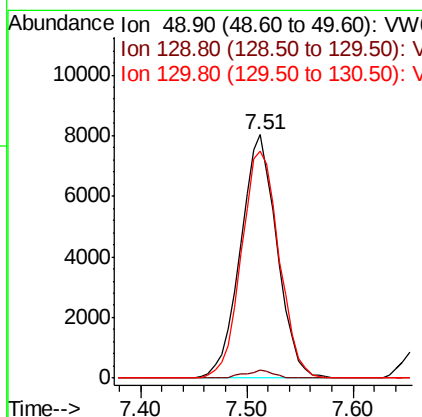
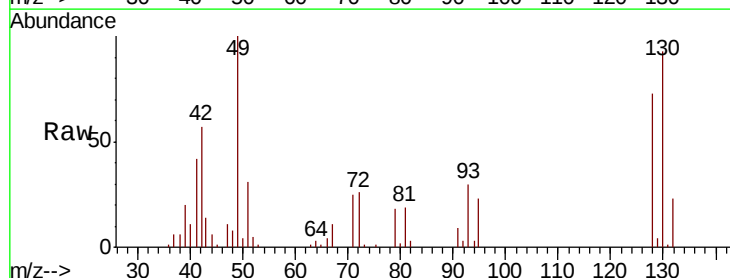
Tgt Ion: 96 Resp: 39709
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 265.4
 98 64.8 0.0 129.4

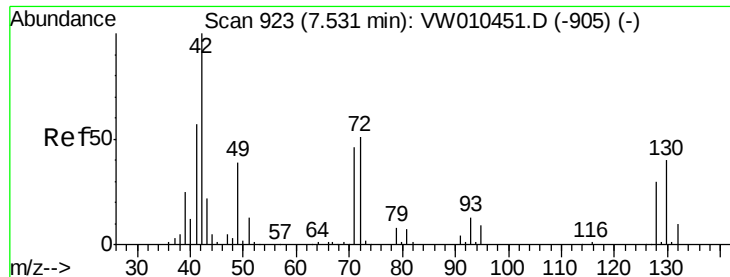


#28

Bromochloromethane
 Concen: 19.613 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Tgt Ion: 49 Resp: 19307
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 96.1 71.2 106.8

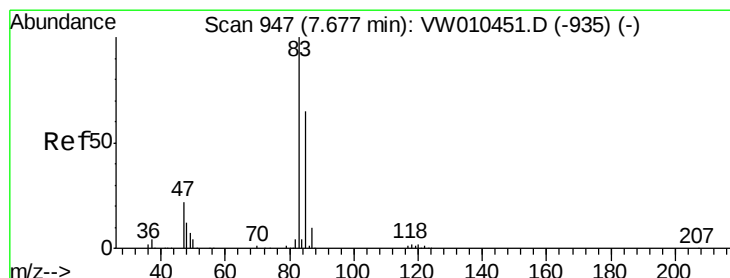
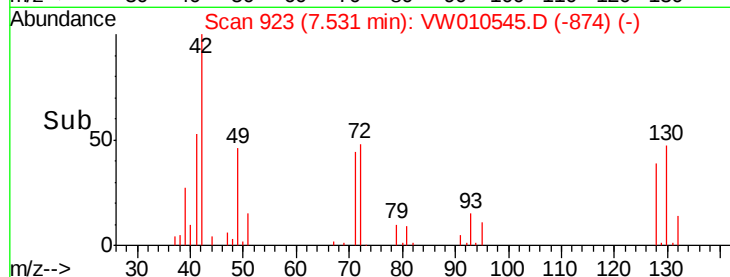
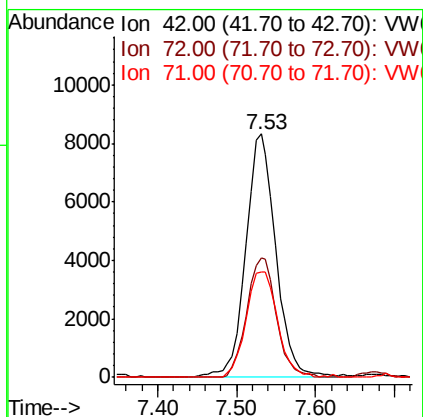
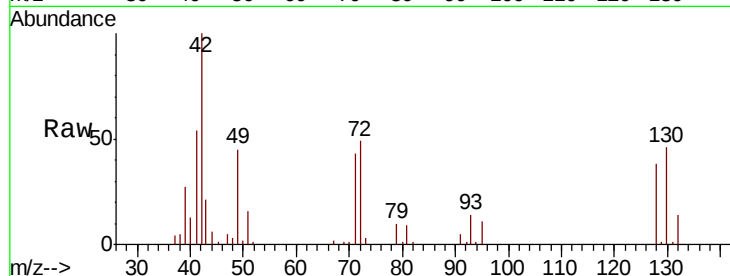




#29
Tetrahydrofuran
Concen: 73.488 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

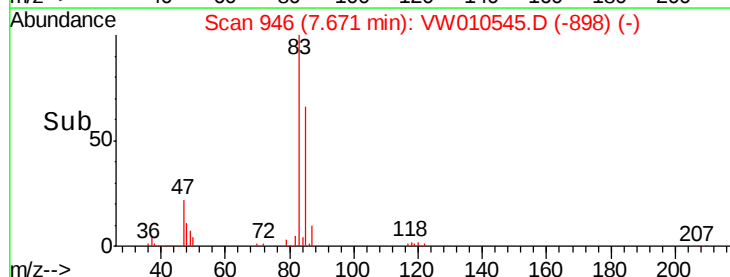
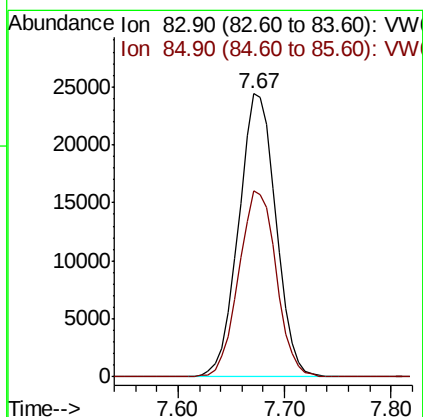
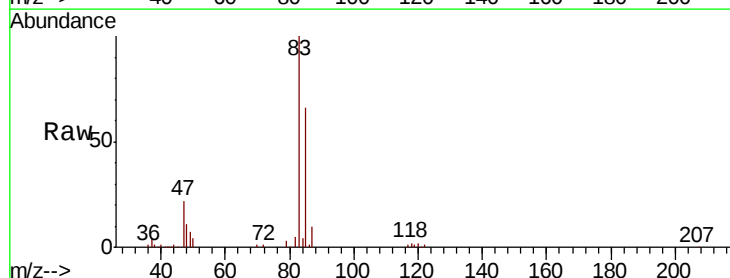
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

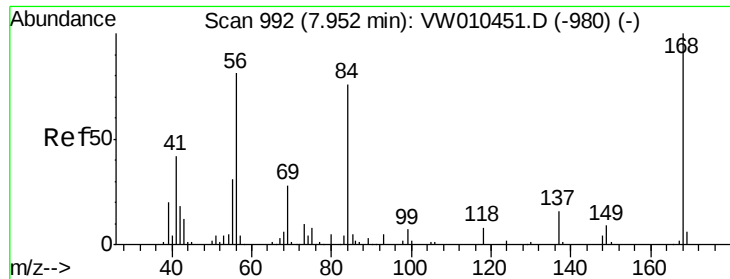
Tgt Ion: 42 Resp: 22035
Ion Ratio Lower Upper
42 100
72 48.2 38.5 57.7
71 45.2 36.5 54.7



#30
Chloroform
Concen: 20.242 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion: 83 Resp: 60032
Ion Ratio Lower Upper
83 100
85 65.5 52.2 78.4

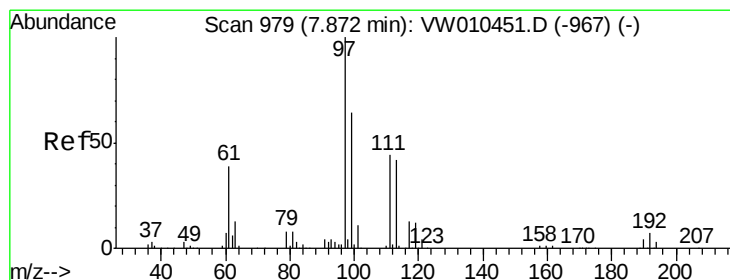
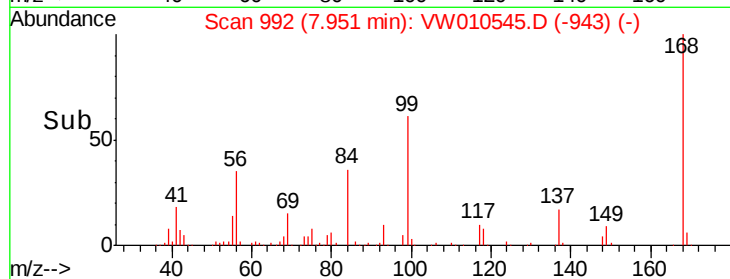
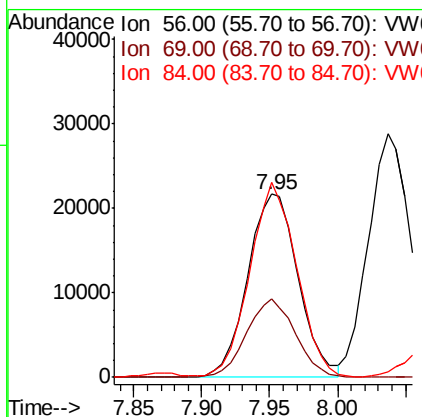
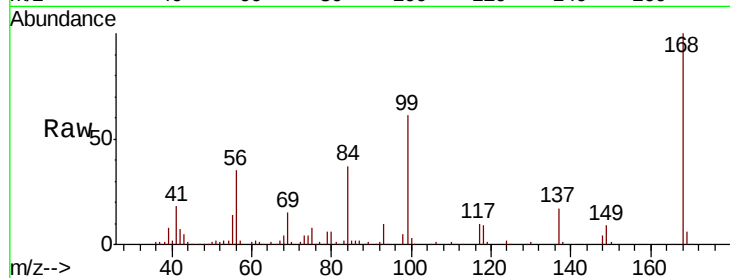




#31
Cyclohexane
Concen: 19.577 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

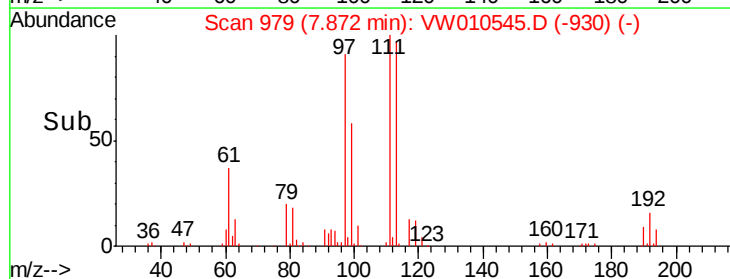
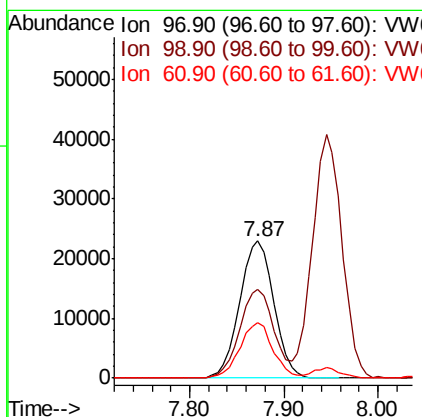
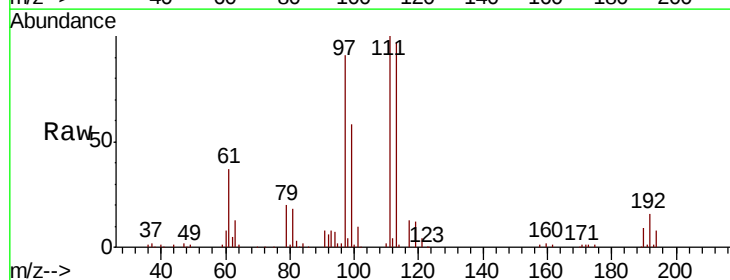
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

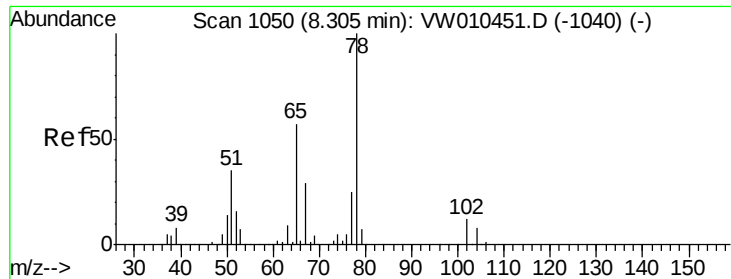
Tgt Ion: 56 Resp: 56382
Ion Ratio Lower Upper
56 100
69 43.1 28.2 42.2#
84 105.6 75.8 113.8



#32
1,1,1-Trichloroethane
Concen: 20.497 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion: 97 Resp: 58098
Ion Ratio Lower Upper
97 100
99 65.7 50.8 76.2
61 39.0 32.1 48.1





#33

1,2-Dichloroethane-d4

Concen: 44.601 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

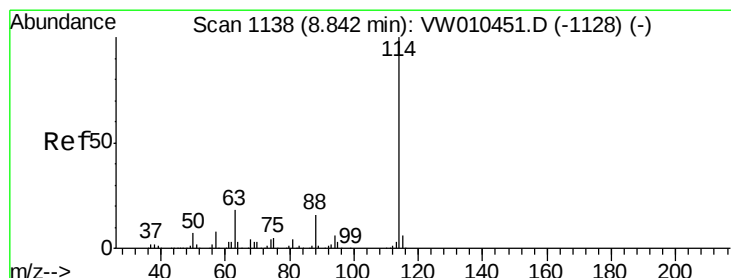
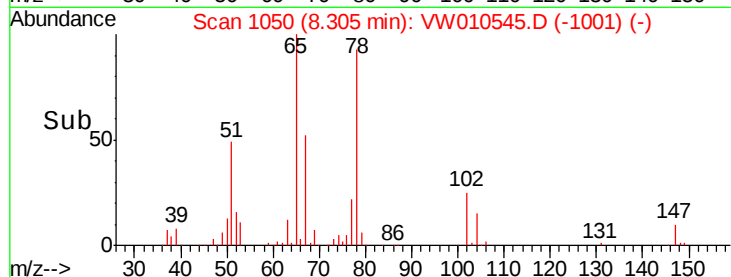
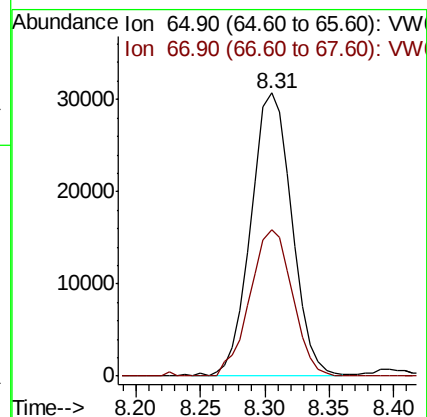
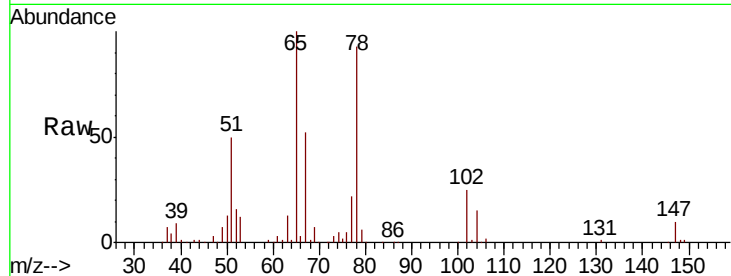
VW0524SBS01

Tgt Ion: 65 Resp: 67655

Ion Ratio Lower Upper

65 100

67 53.7 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

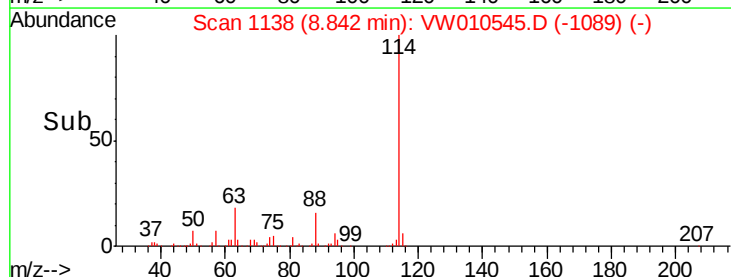
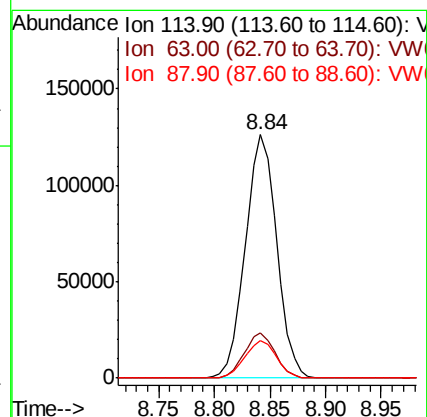
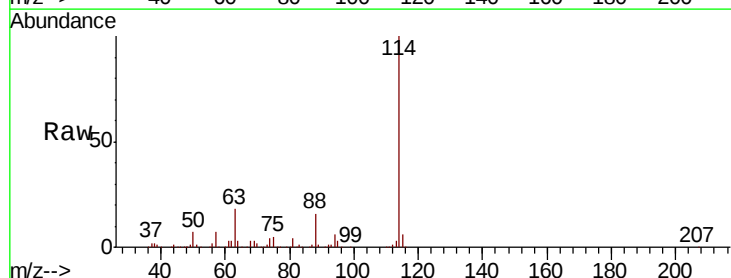
Tgt Ion: 114 Resp: 247065

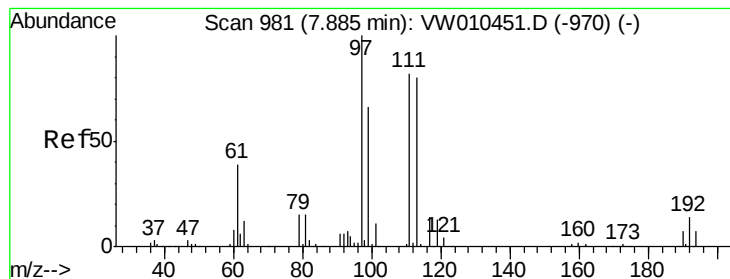
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.0

88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.116 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW0524SBS01

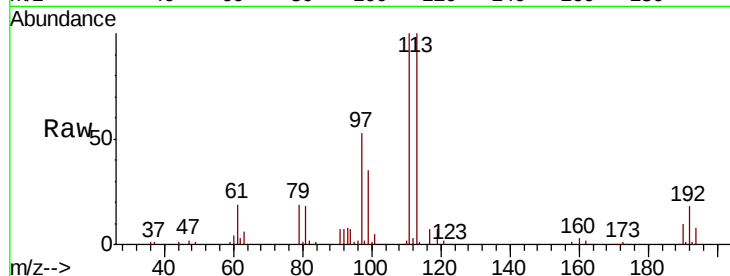
Tgt Ion:113 Resp: 75131

Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

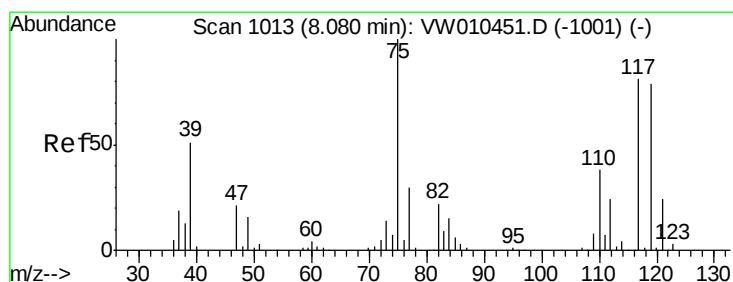
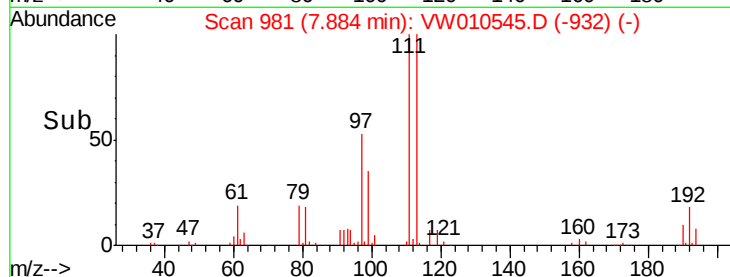
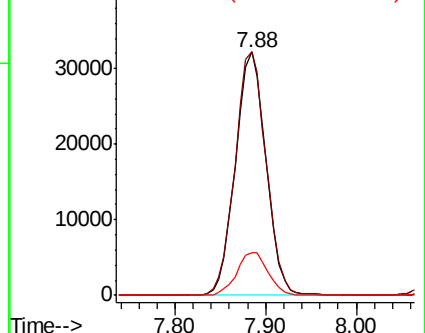
192 18.0 14.3 21.5



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: 21.017 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

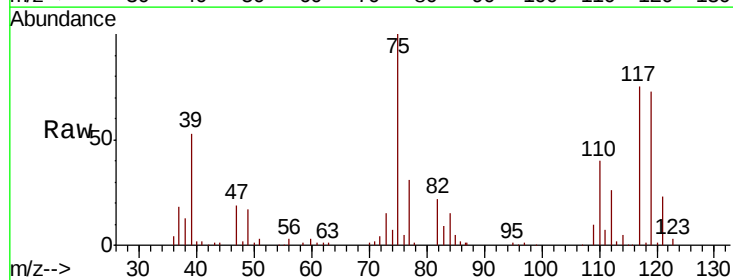
Tgt Ion: 75 Resp: 48372

Ion Ratio Lower Upper

75 100

110 39.5 19.2 57.6

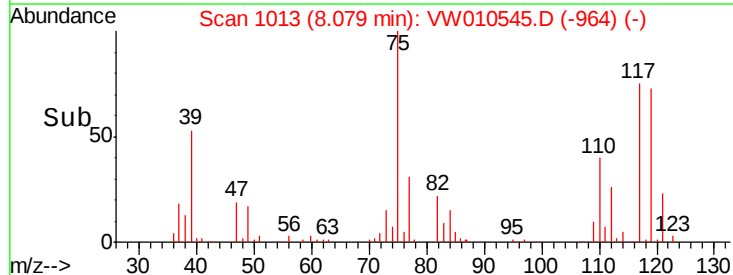
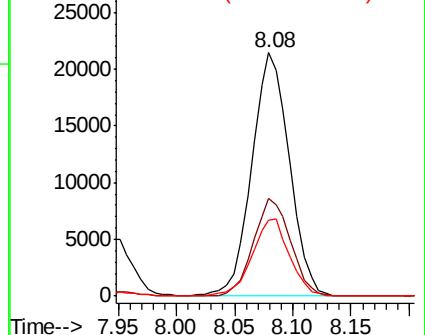
77 31.5 25.2 37.8

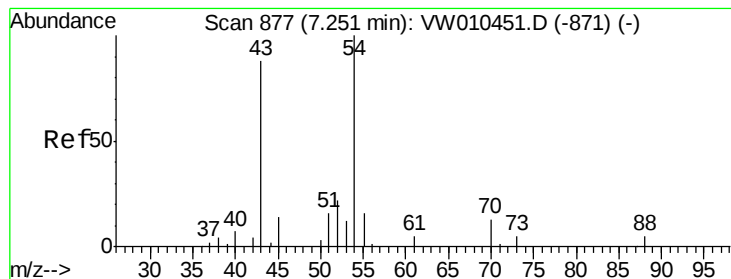


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 16.964 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW0524SBS01

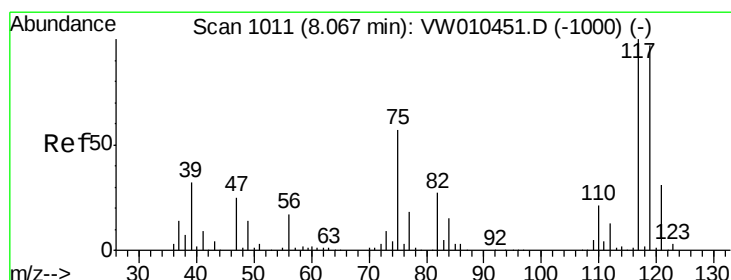
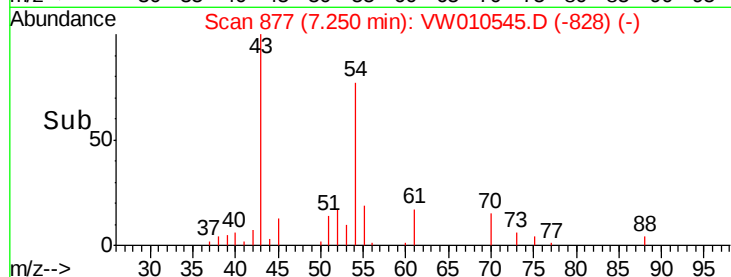
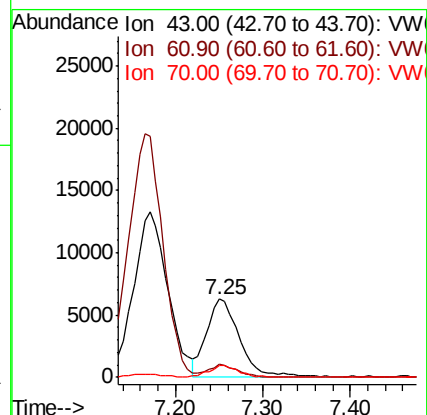
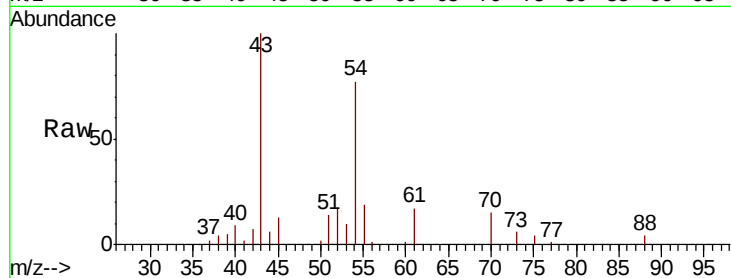
Tgt Ion: 43 Resp: 16603

Ion Ratio Lower Upper

43 100

61 14.5 11.2 16.8

70 13.3 9.9 14.9



#38

Carbon Tetrachloride

Concen: 21.389 ug/l

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

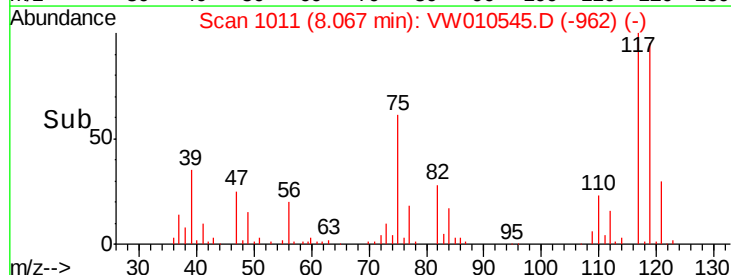
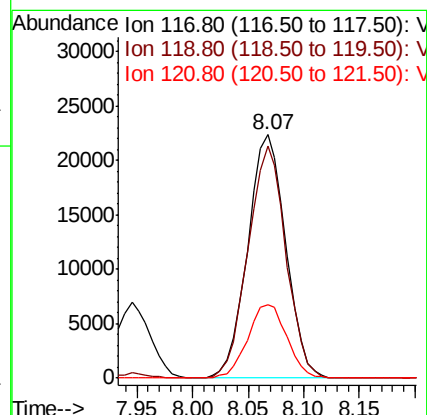
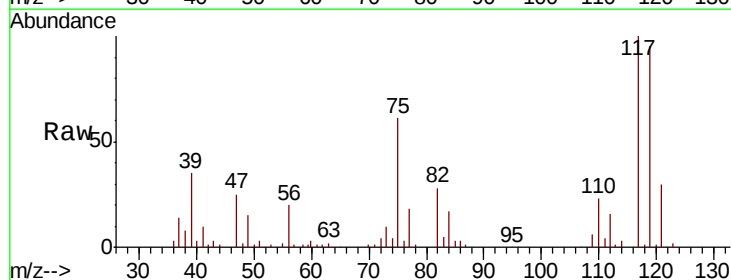
Tgt Ion: 117 Resp: 53103

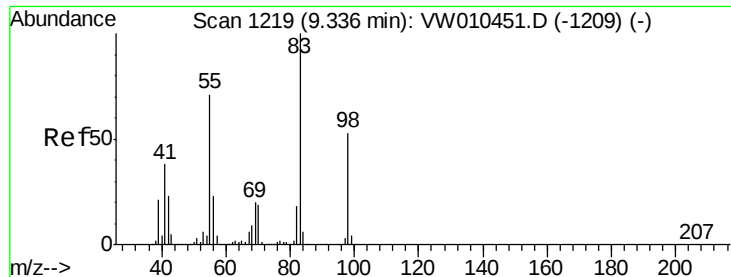
Ion Ratio Lower Upper

117 100

119 95.5 77.4 116.0

121 30.2 25.0 37.6

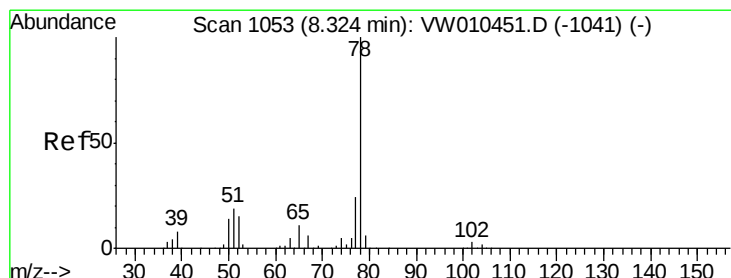
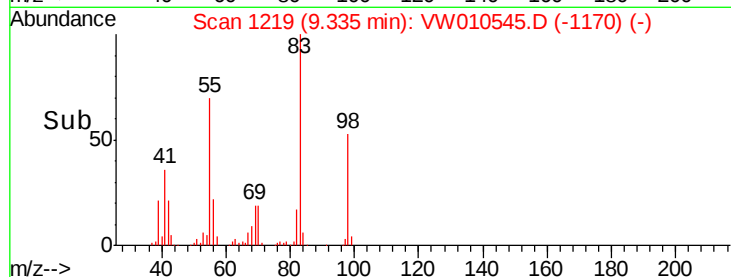
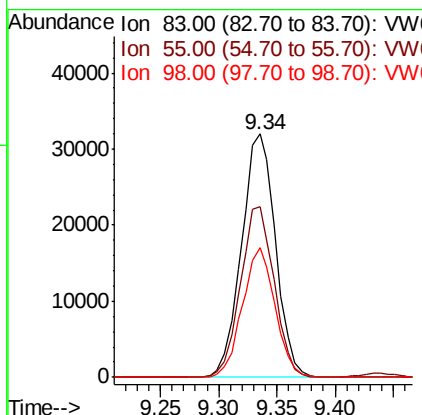
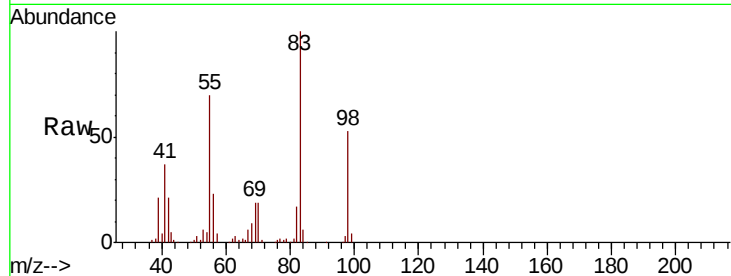




#39
Methylcyclohexane
Concen: 21.121 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

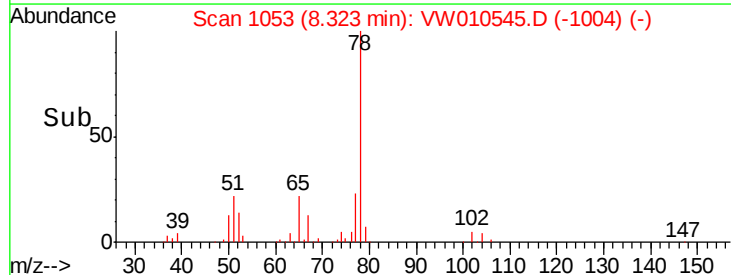
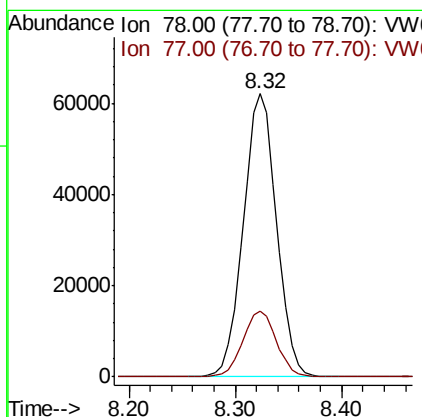
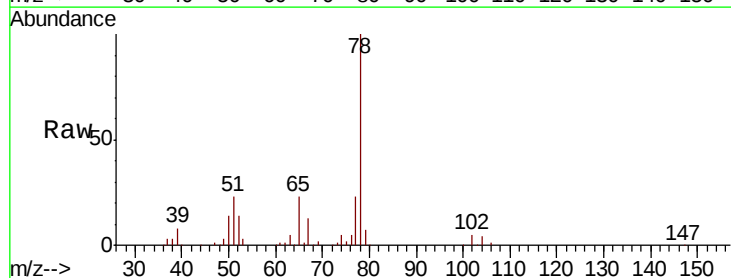
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

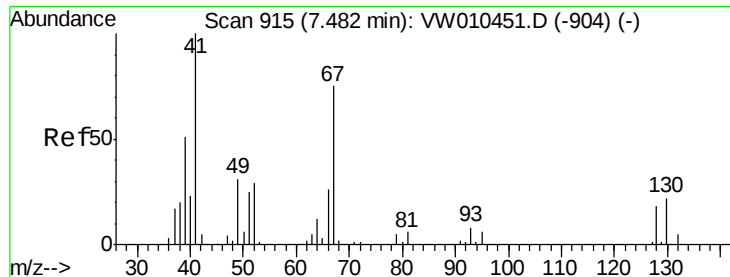
Tgt Ion: 83 Resp: 65128
Ion Ratio Lower Upper
83 100
55 70.0 57.0 85.6
98 53.1 42.0 63.0



#40
Benzene
Concen: 21.212 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion: 78 Resp: 135693
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3





#41

Methacrylonitrile

Concen: 17.079 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampled :

VW0524SBS01

Tgt Ion: 41 Resp: 9932

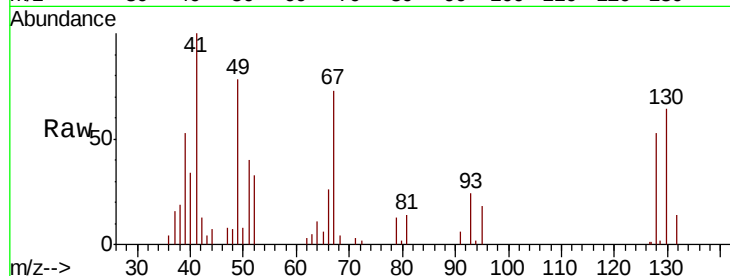
Ion Ratio Lower Upper

41 100

39 54.1 47.4 71.2

67 75.2 65.5 98.3

52 29.3 25.0 37.4

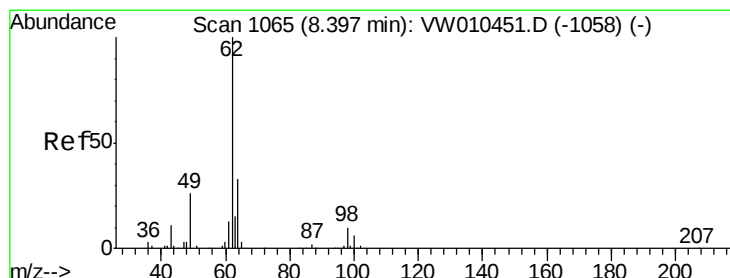
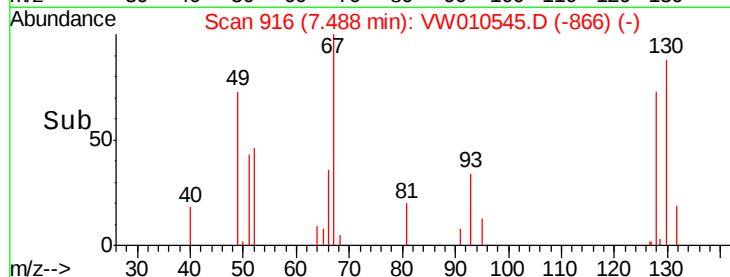
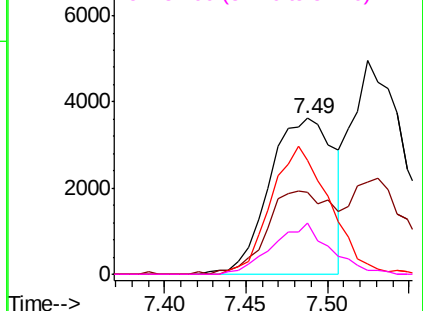


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 19.441 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW010545.D

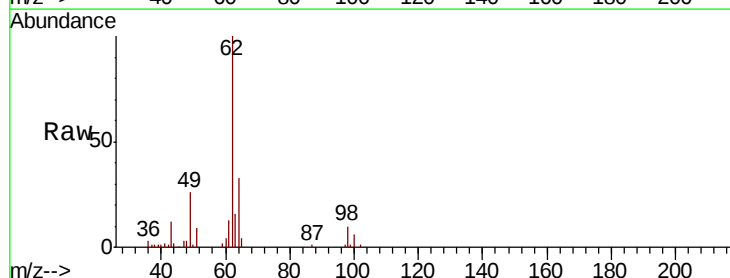
Acq: 24 May 2019 12:39

Tgt Ion: 62 Resp: 35545

Ion Ratio Lower Upper

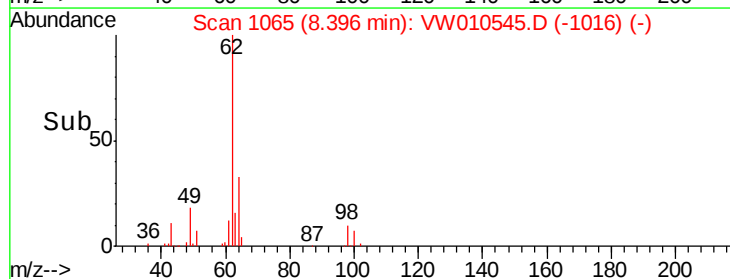
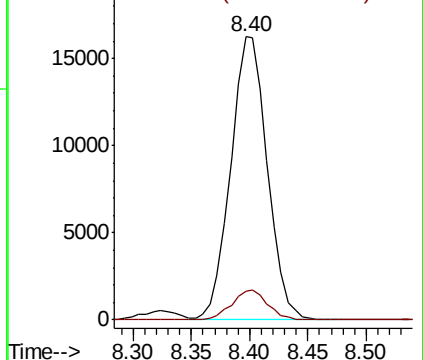
62 100

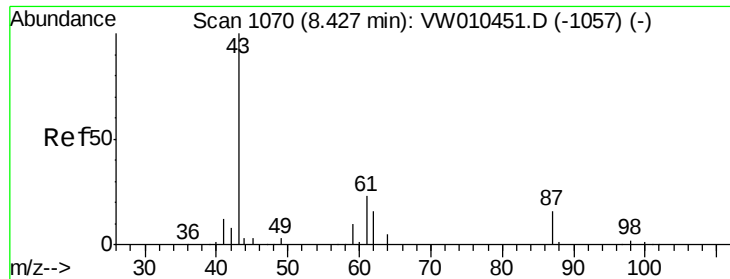
98 10.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 16.093 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW0524SBS01

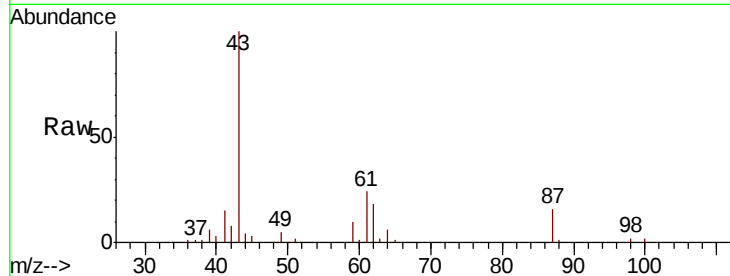
Tgt Ion: 43 Resp: 31466

Ion Ratio Lower Upper

43 100

61 34.0 25.4 38.2

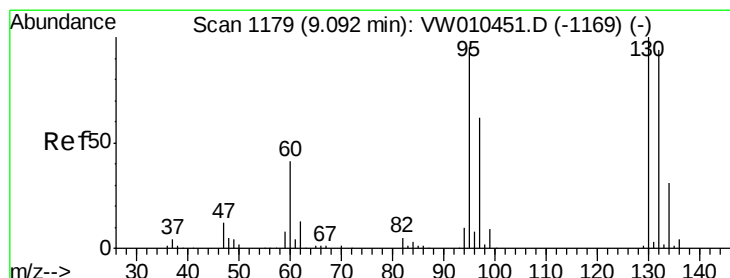
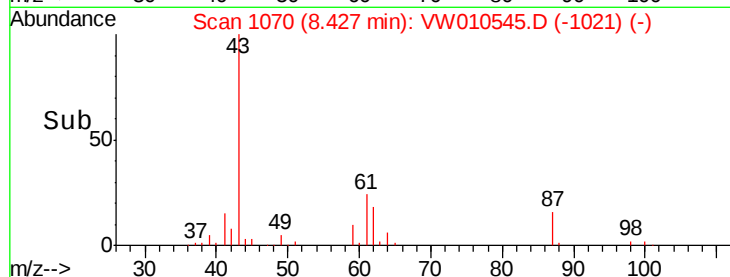
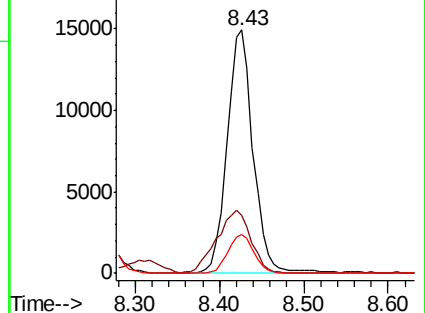
87 15.6 12.7 19.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 21.442 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW010545.D

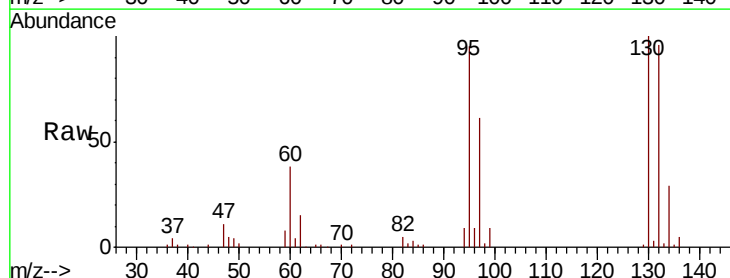
Acq: 24 May 2019 12:39

Tgt Ion: 130 Resp: 40721

Ion Ratio Lower Upper

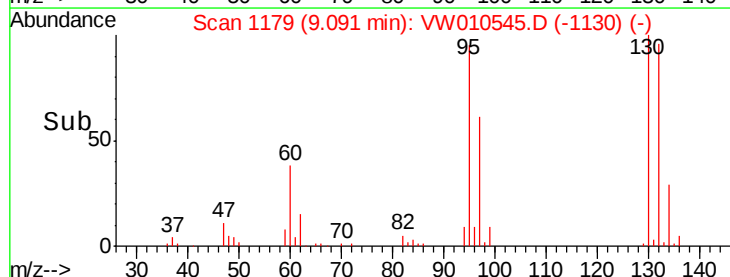
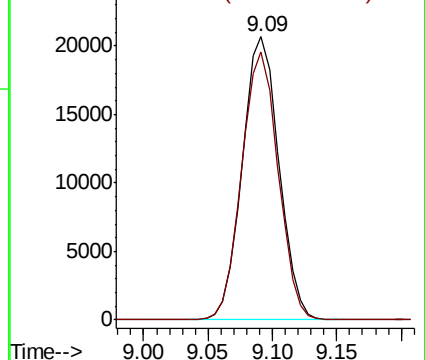
130 100

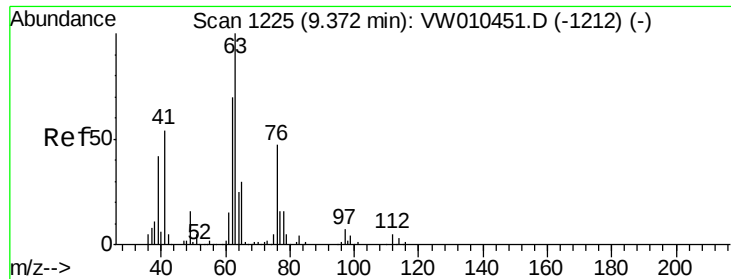
95 94.9 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





#45

1,2-Dichloropropane

Concen: 20.166 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

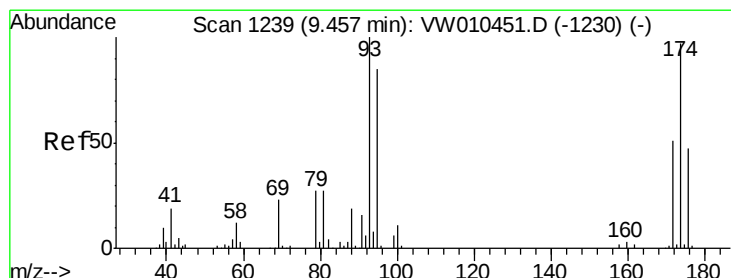
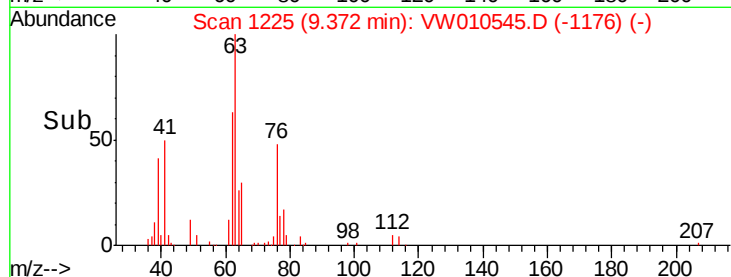
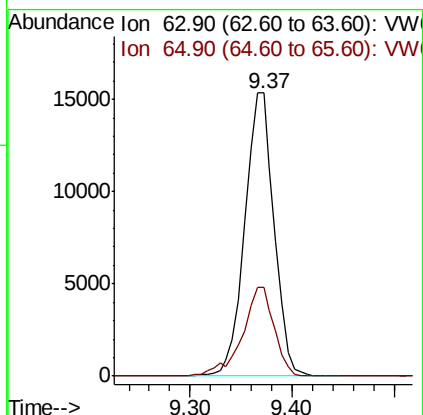
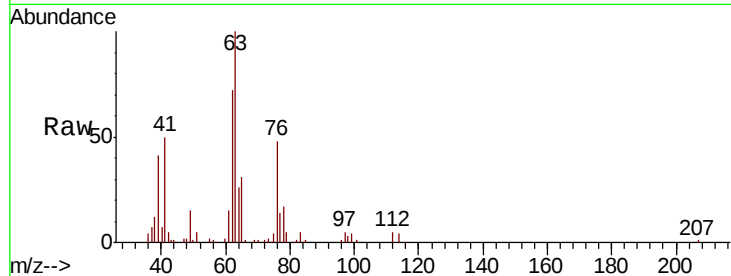
VW0524SBS01

Tgt Ion: 63 Resp: 30637

Ion Ratio Lower Upper

63 100

65 31.3 24.3 36.5



#46

Dibromomethane

Concen: 18.810 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

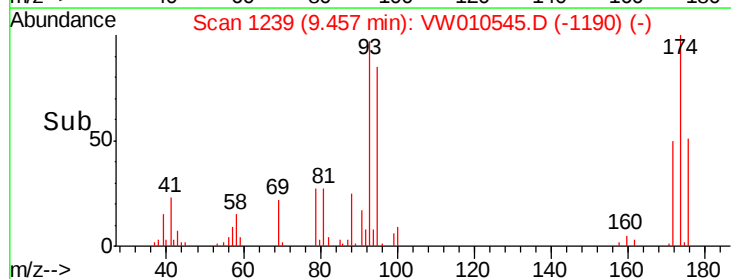
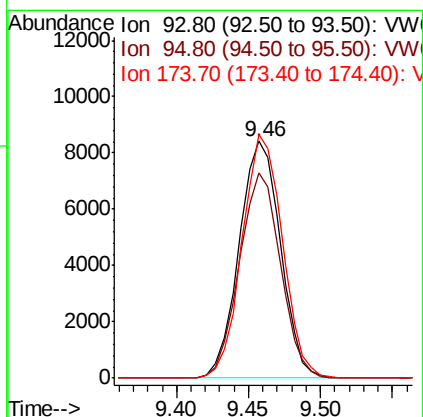
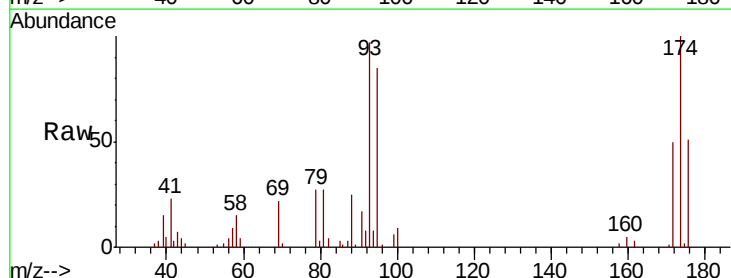
Tgt Ion: 93 Resp: 16713

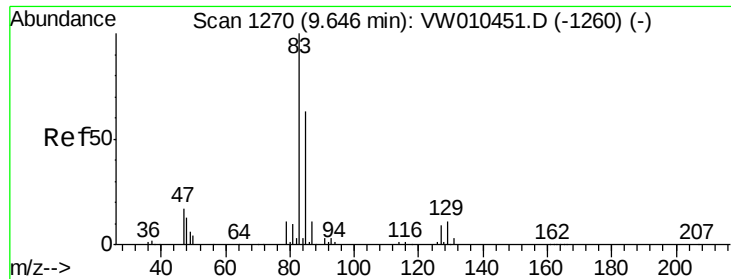
Ion Ratio Lower Upper

93 100

95 86.2 66.1 99.1

174 100.2 77.1 115.7

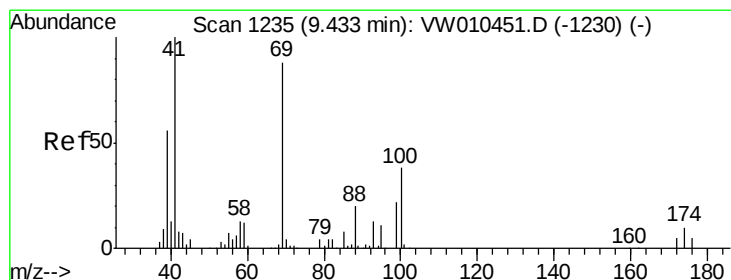
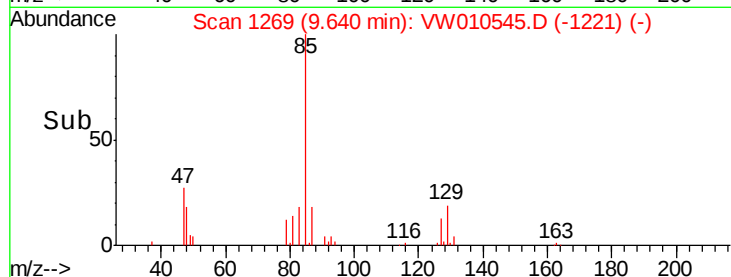
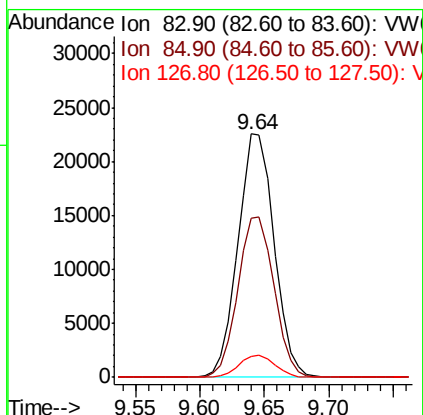
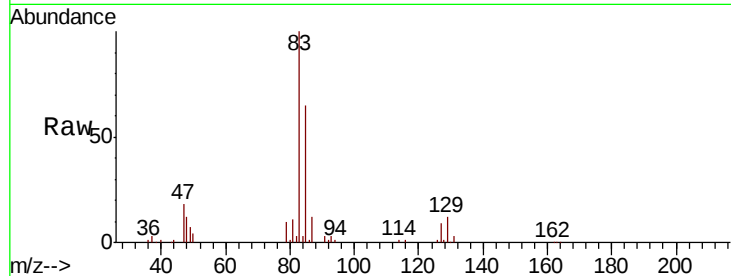




#47
Bromodichloromethane
Concen: 19.611 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

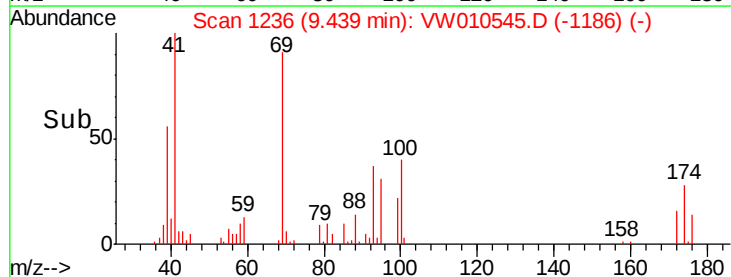
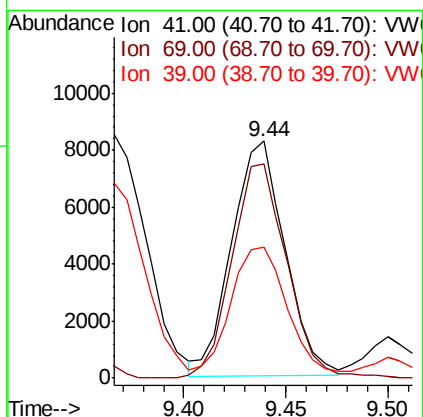
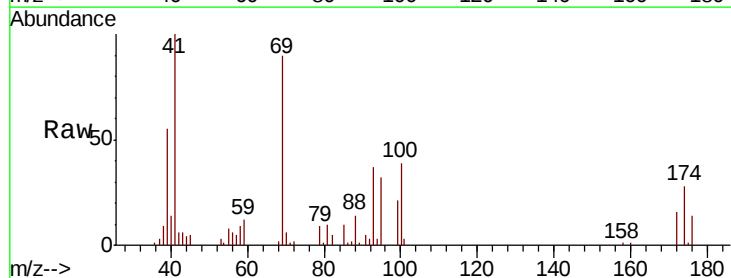
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

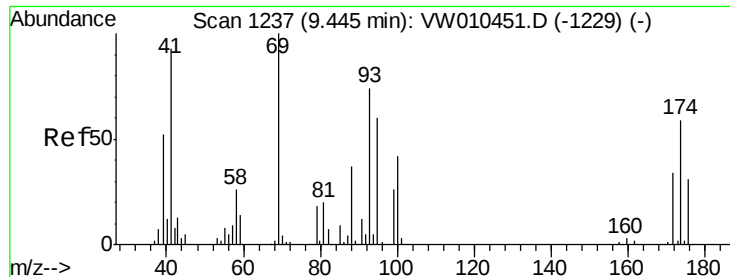
Tgt Ion: 83 Resp: 43788
Ion Ratio Lower Upper
83 100
85 65.1 50.4 75.6
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 16.843 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion: 41 Resp: 15066
Ion Ratio Lower Upper
41 100
69 93.2 77.6 116.4
39 54.3 49.8 74.8

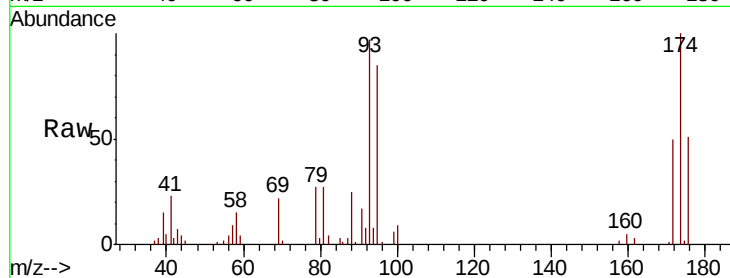




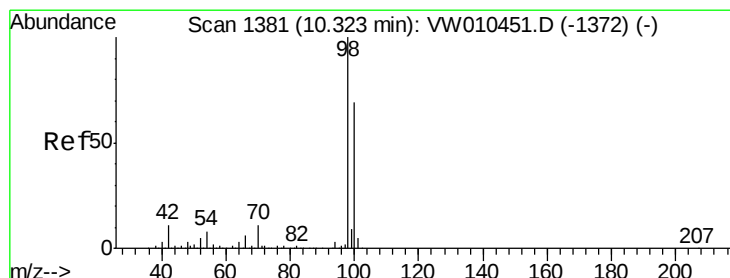
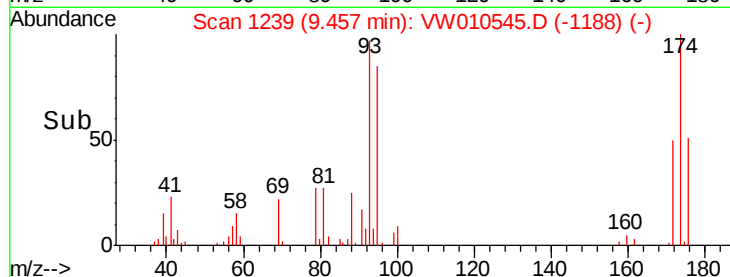
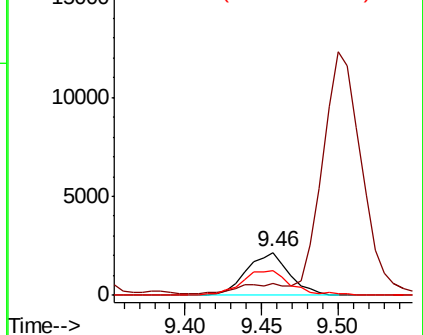
#49
 1,4-Dioxane
 Concen: 289.923 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

Tgt Ion: 88 Resp: 4208
 Ion Ratio Lower Upper
 88 100
 43 28.4 25.9 38.9
 58 66.8 52.7 79.1

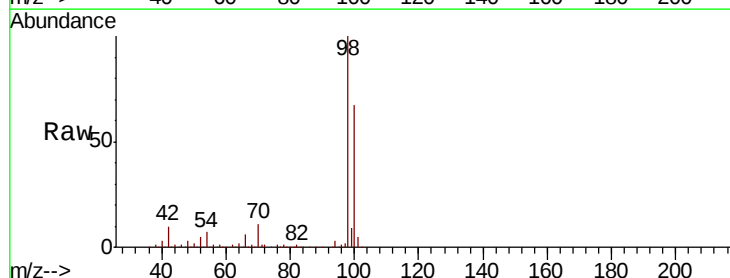


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

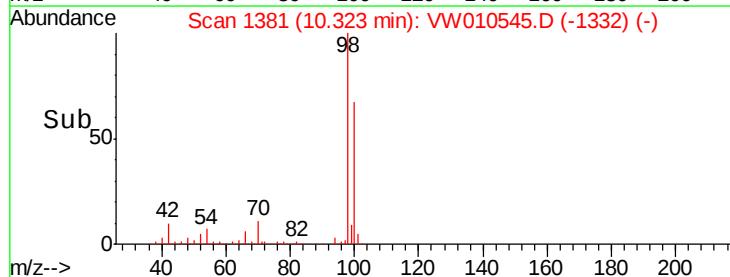
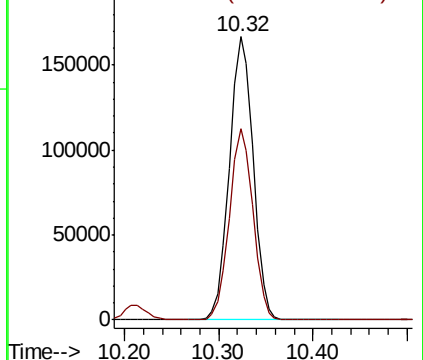


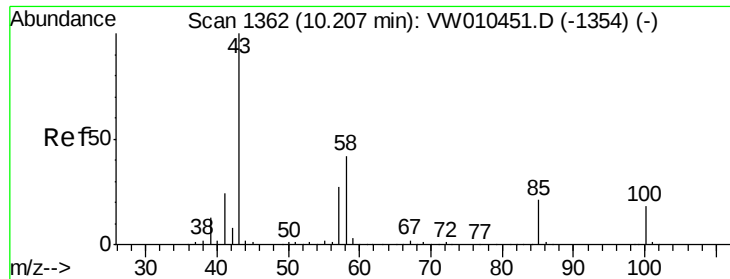
#50
 Toluene-d8
 Concen: 51.031 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Tgt Ion: 98 Resp: 292261
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.7 80.5



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





#51

4-Methyl-2-Pentanone

Concen: 76.938 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

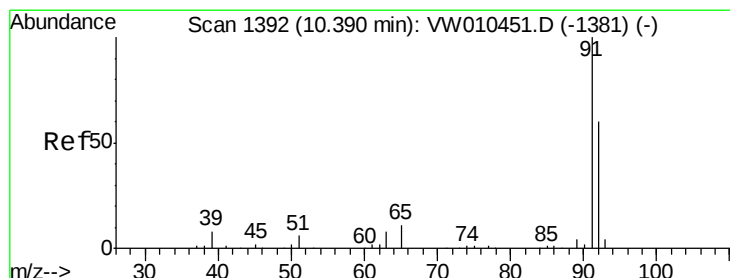
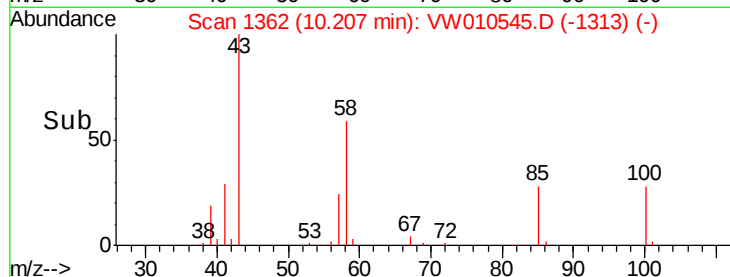
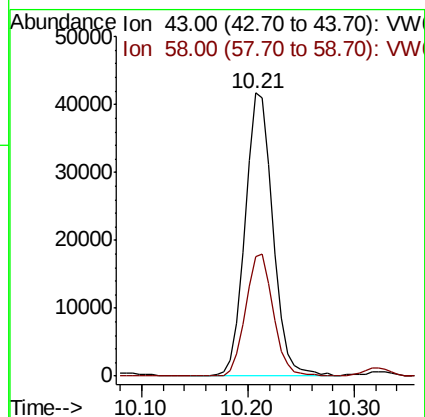
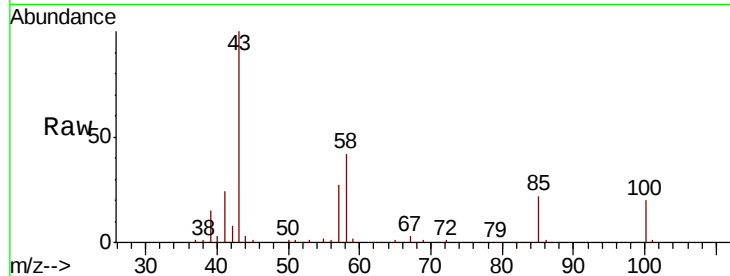
VW0524SBS01

Tgt Ion: 43 Resp: 76229

Ion Ratio Lower Upper

43 100

58 43.1 33.2 49.8



#52

Toluene

Concen: 21.486 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010545.D

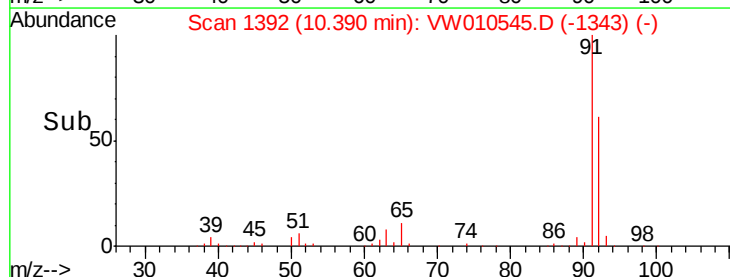
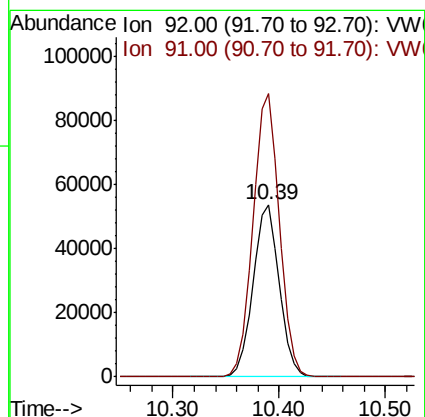
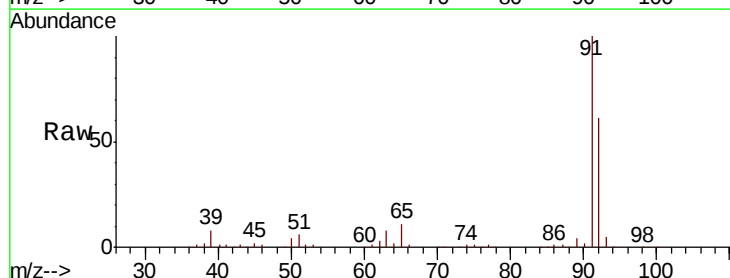
Acq: 24 May 2019 12:39

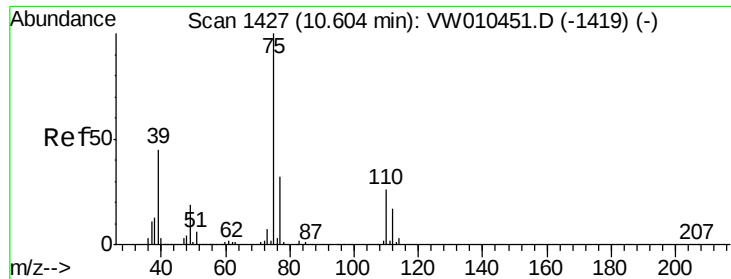
Tgt Ion: 92 Resp: 92305

Ion Ratio Lower Upper

92 100

91 166.4 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 18.582 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampled :

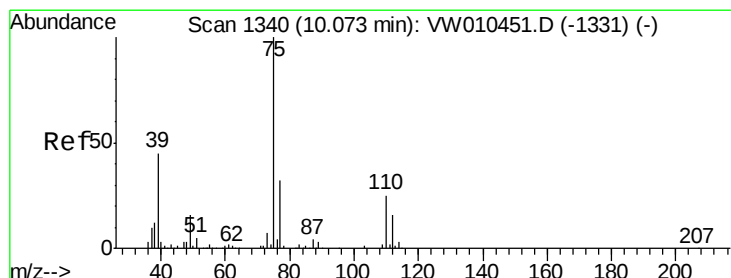
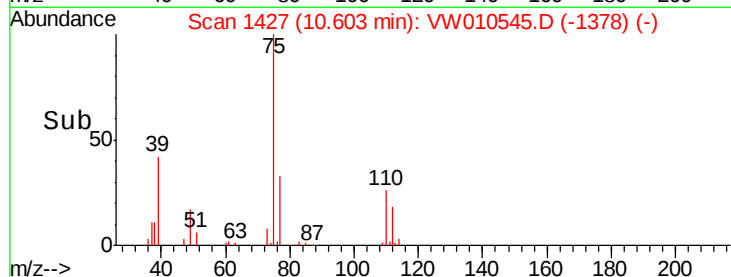
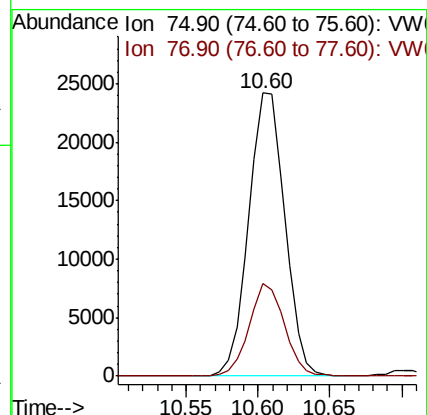
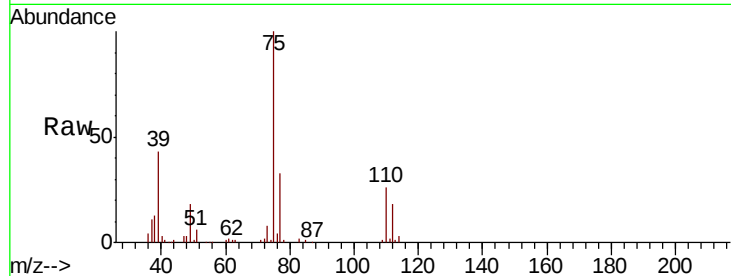
VW0524SBS01

Tgt Ion: 75 Resp: 42019

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.660 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

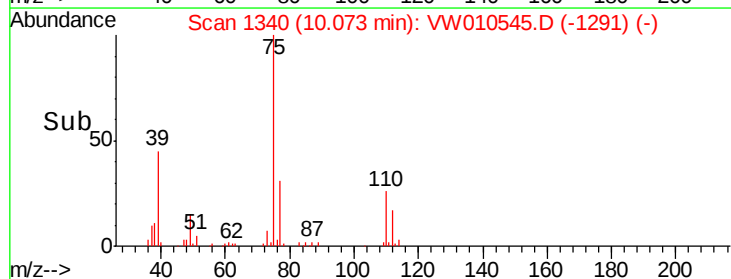
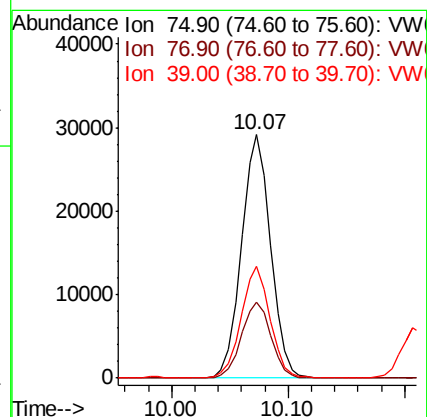
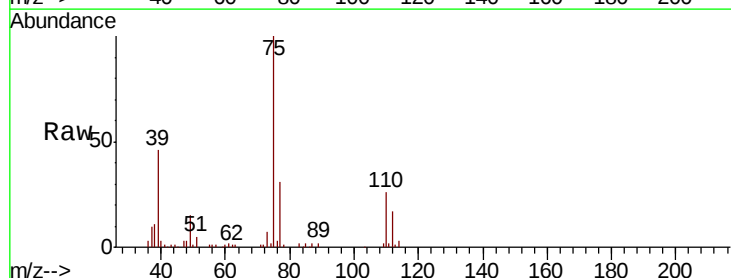
Tgt Ion: 75 Resp: 50773

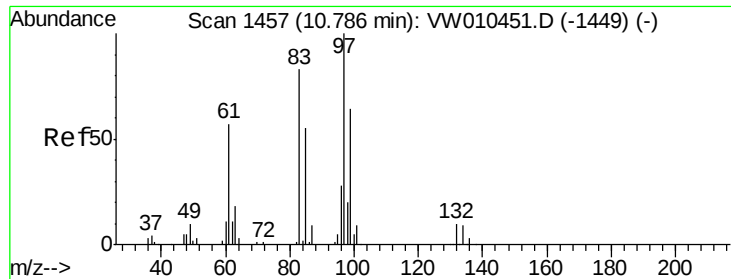
Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 45.7 36.2 54.4

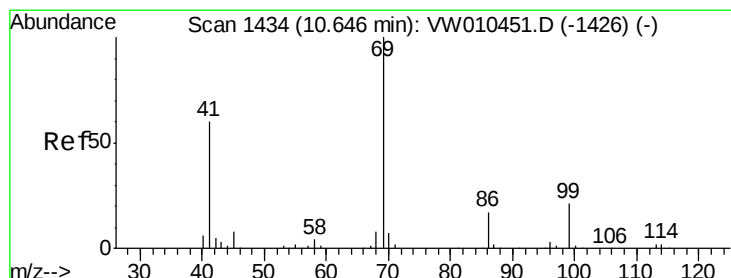
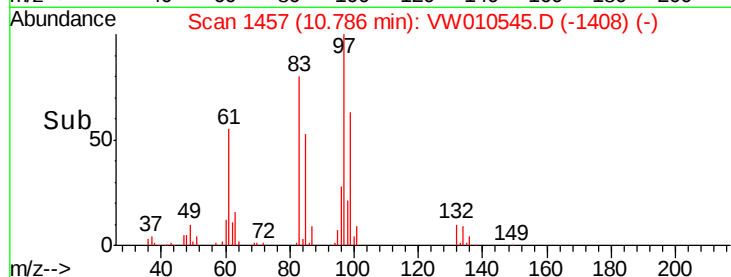
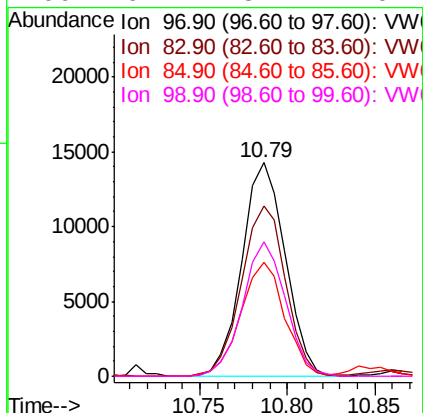
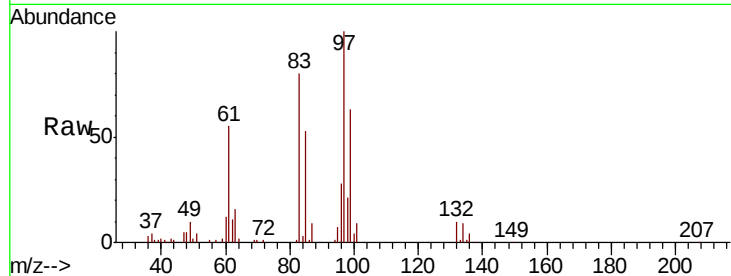




#55
 1,1,2-Trichloroethane
 Concen: 19.239 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

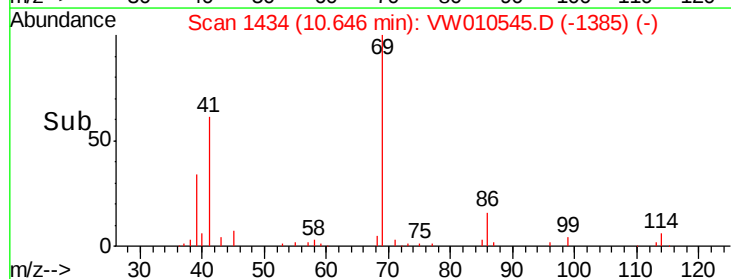
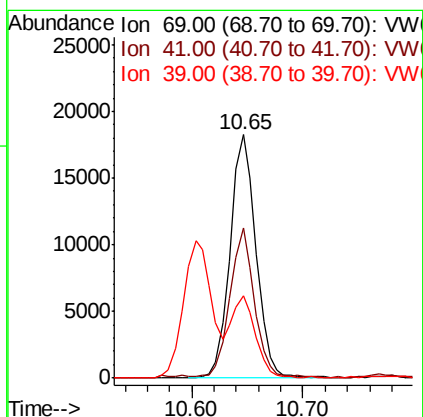
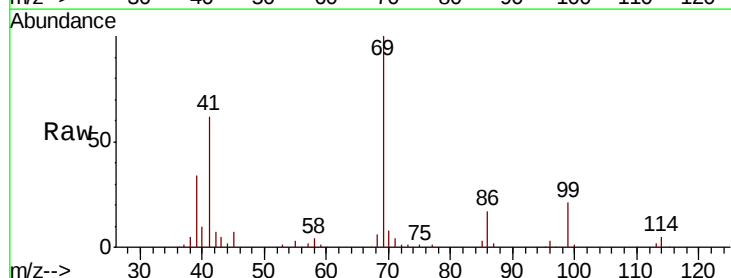
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

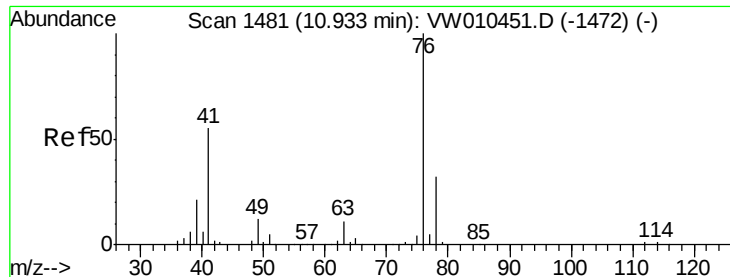
Tgt Ion:	97	Resp:	24581
Ion	Ratio	Lower	Upper
97	100		
83	79.5	66.1	99.1
85	53.4	44.2	66.4
99	62.7	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 16.629 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Tgt Ion:	69	Resp:	29302
Ion	Ratio	Lower	Upper
69	100		
41	56.7	47.7	71.5
39	31.7	25.3	37.9

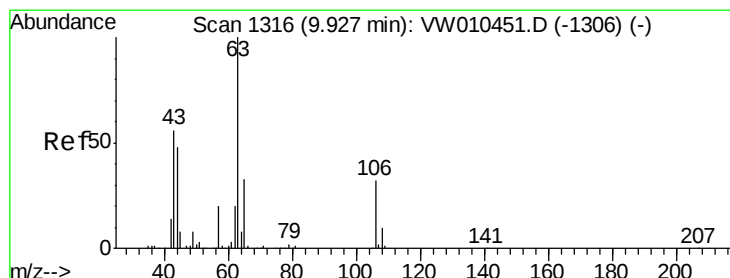
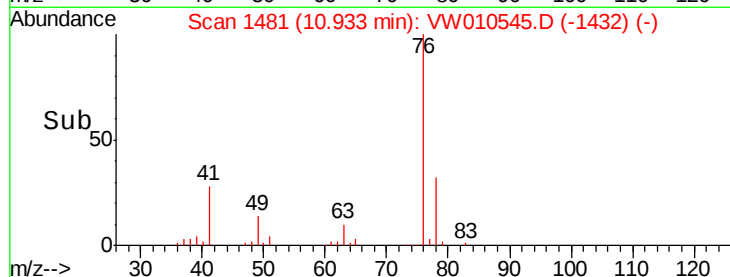
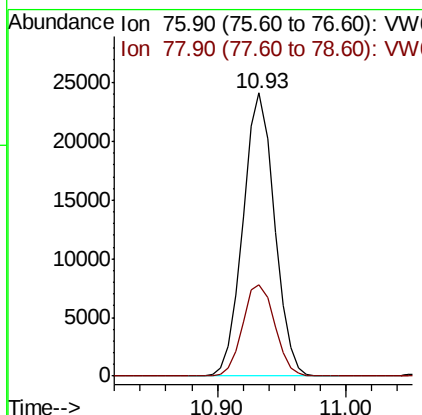
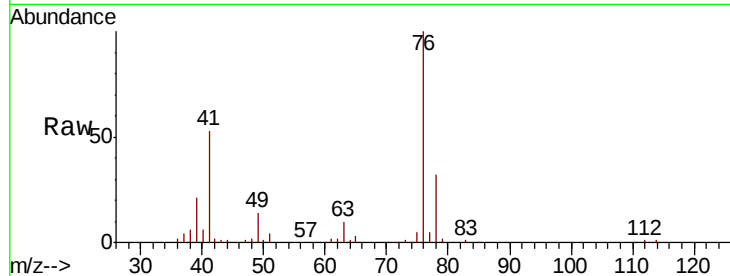




#57
 1,3-Dichloropropane
 Concen: 19.058 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

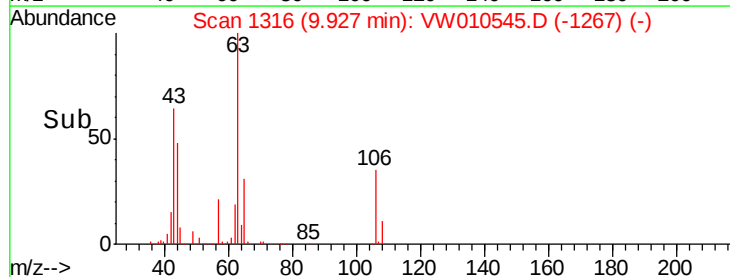
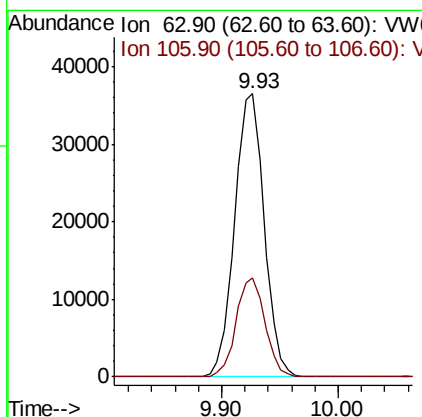
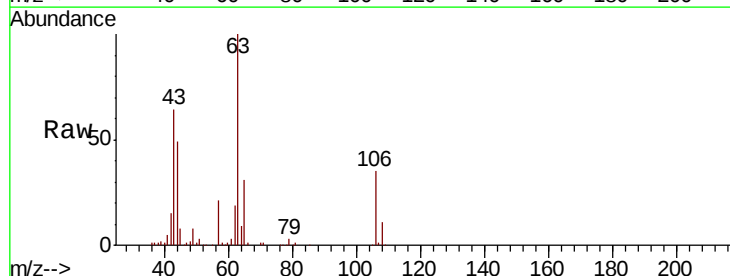
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

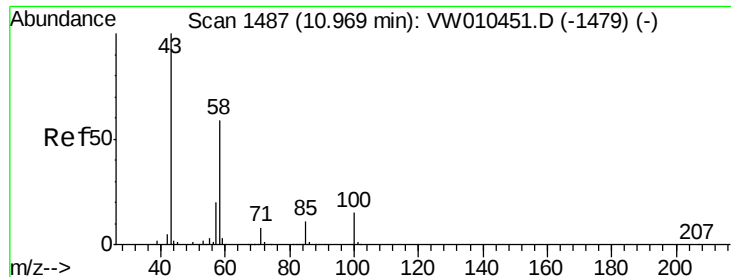
Tgt Ion: 76 Resp: 40788
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 82.896 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Tgt Ion: 63 Resp: 64700
 Ion Ratio Lower Upper
 63 100
 106 34.2 25.8 38.6

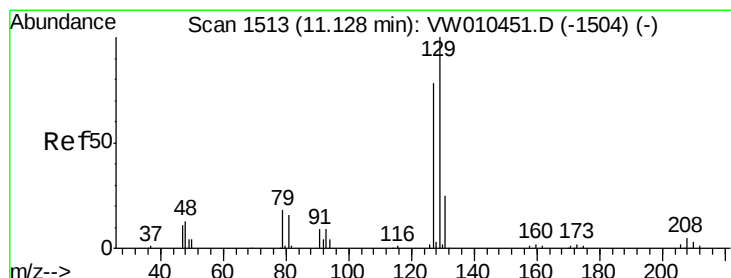
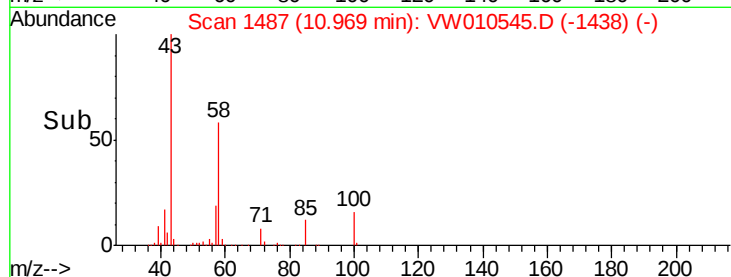
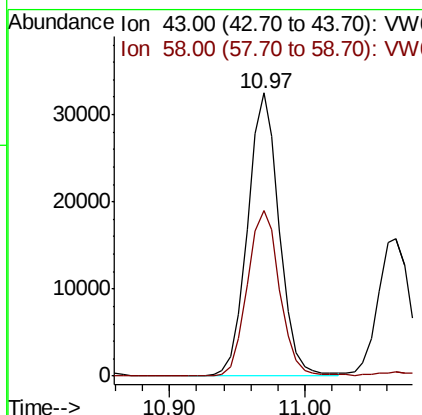
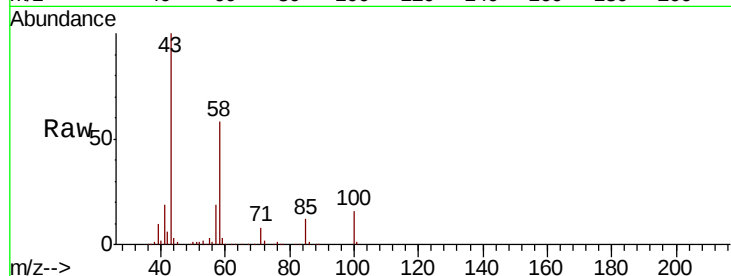




#59
2-Hexanone
Concen: 74.390 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

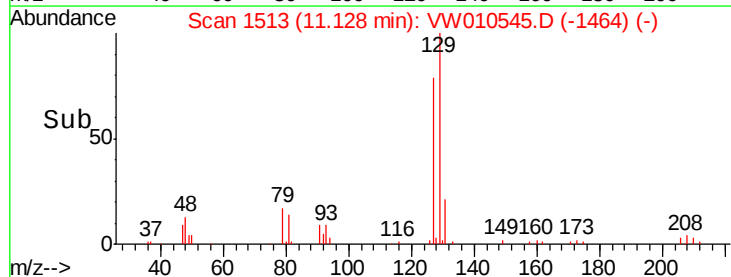
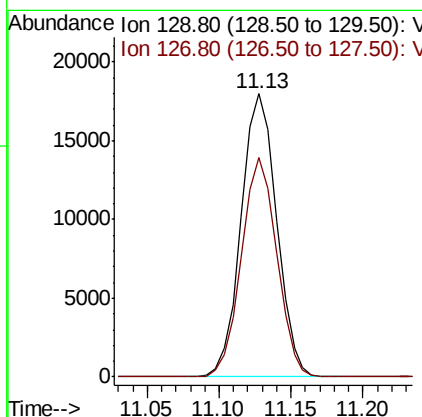
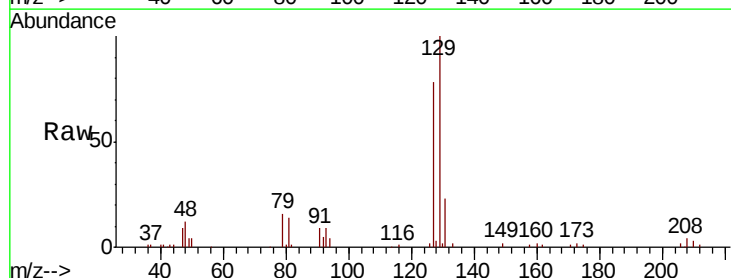
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

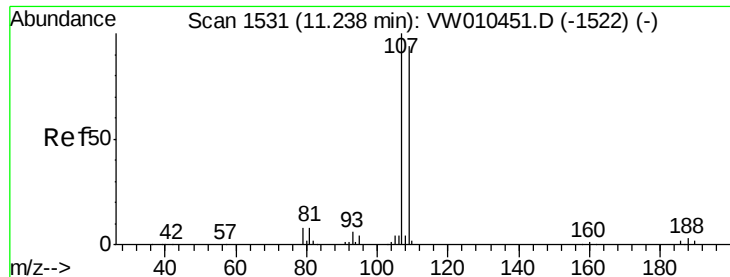
Tgt Ion: 43 Resp: 52577
Ion Ratio Lower Upper
43 100
58 60.3 28.9 86.8



#60
Dibromochloromethane
Concen: 19.055 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion: 129 Resp: 30812
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7

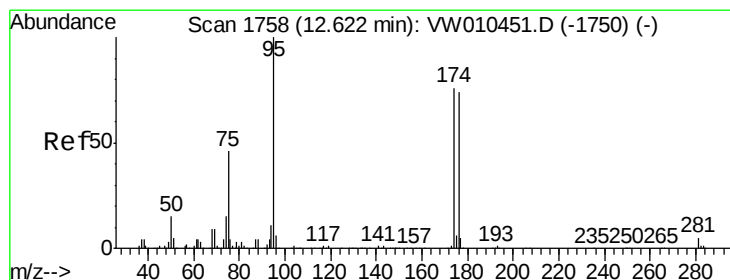
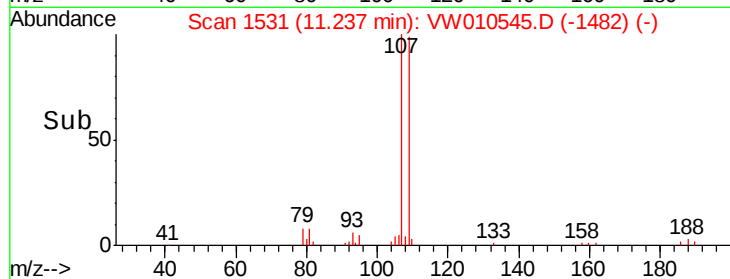
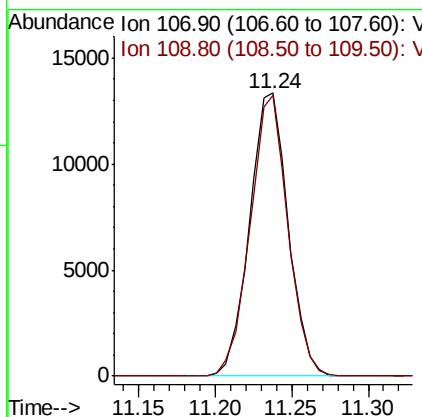
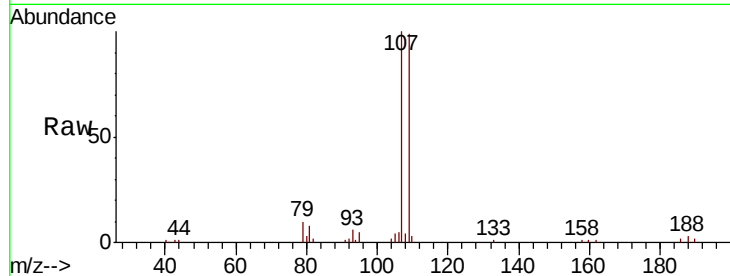




#61
 1,2-Dibromoethane
 Concen: 18.085 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

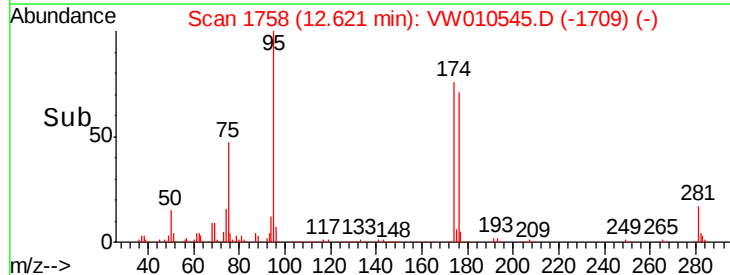
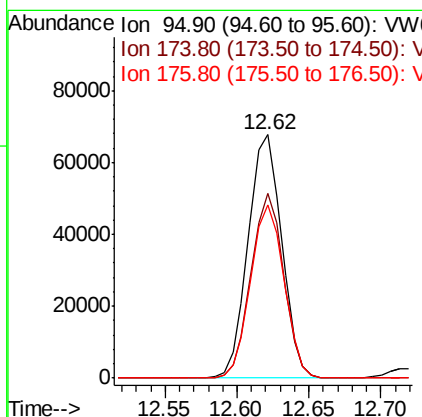
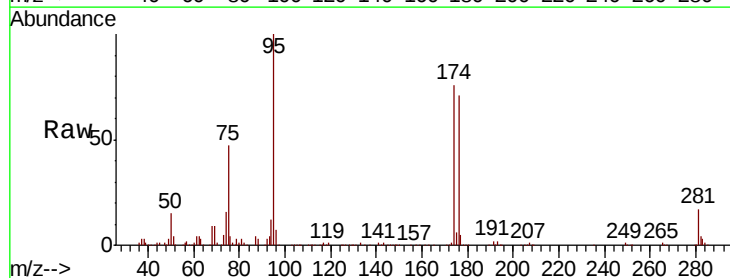
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

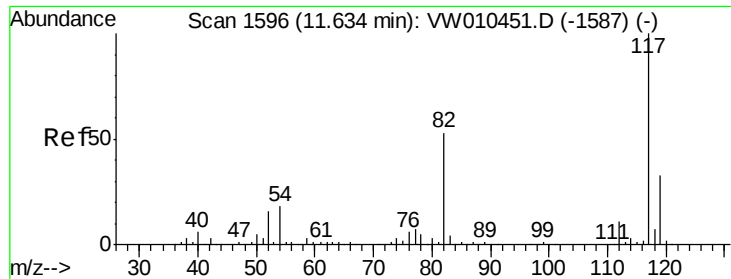
Tgt Ion: 107 Resp: 23407
 Ion Ratio Lower Upper
 107 100
 109 96.7 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 47.931 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Tgt Ion: 95 Resp: 109340
 Ion Ratio Lower Upper
 95 100
 174 73.8 0.0 148.6
 176 71.0 0.0 144.2

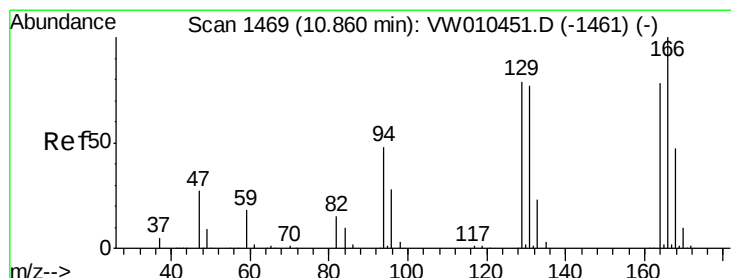
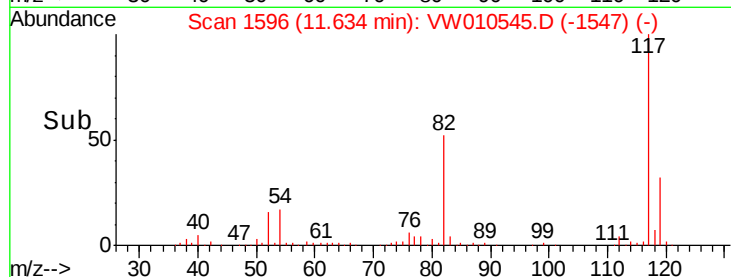
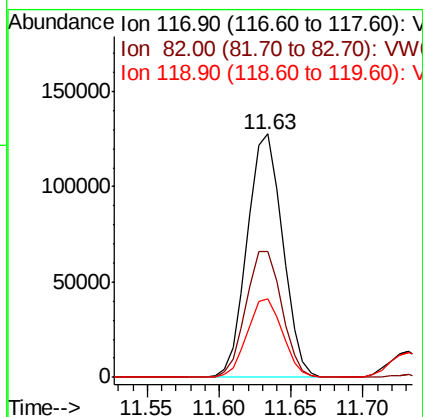
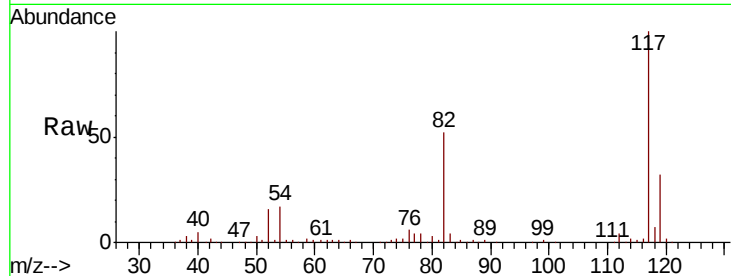




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

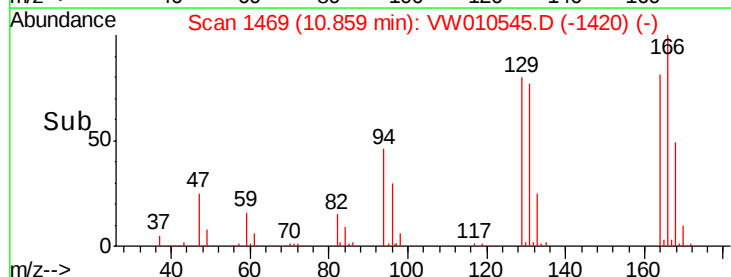
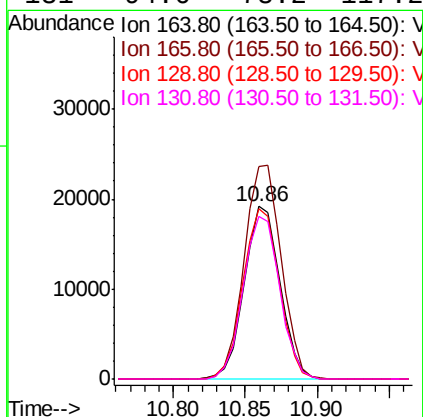
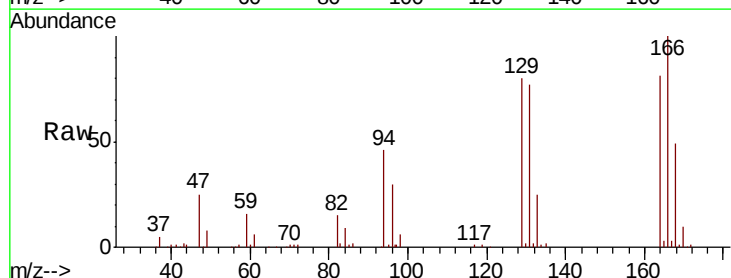
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

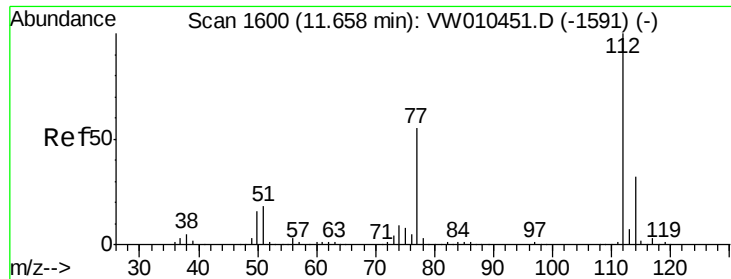
Tgt Ion:117 Resp: 217363
Ion Ratio Lower Upper
117 100
82 52.0 42.8 64.2
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 21.666 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion:164 Resp: 32829
Ion Ratio Lower Upper
164 100
166 123.5 101.9 152.9
129 98.5 80.6 121.0
131 94.6 78.2 117.2

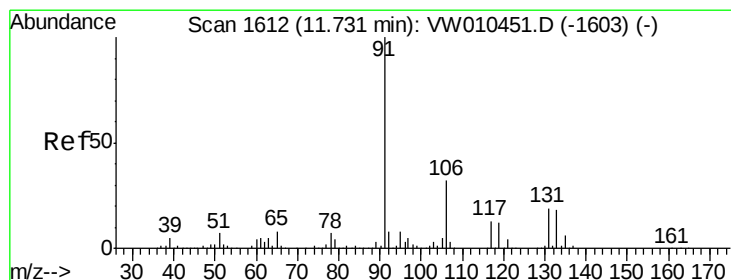
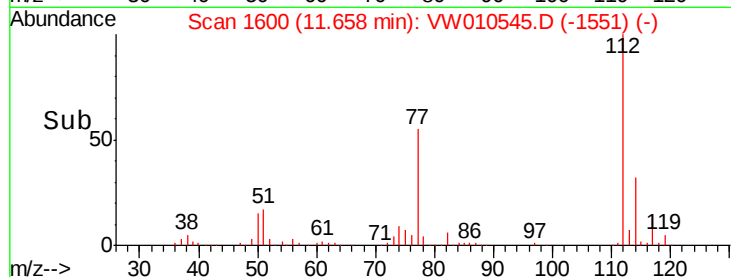
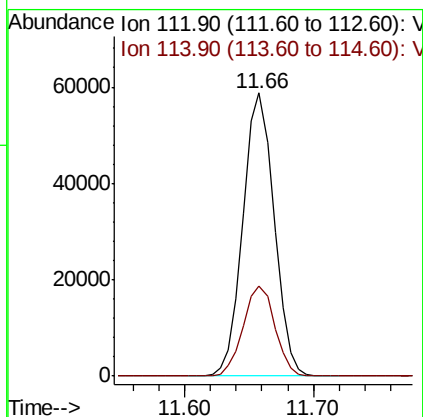
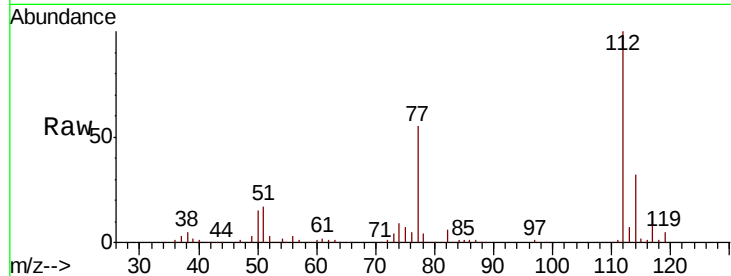




#65
Chlorobenzene
Concen: 21.195 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

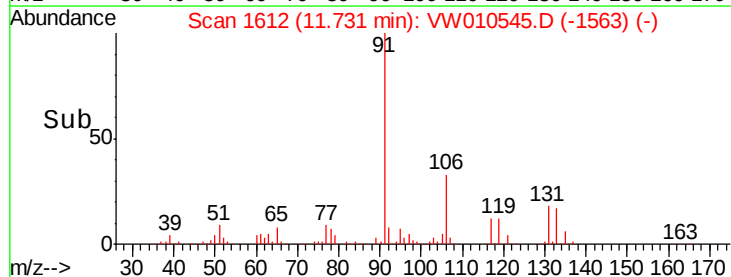
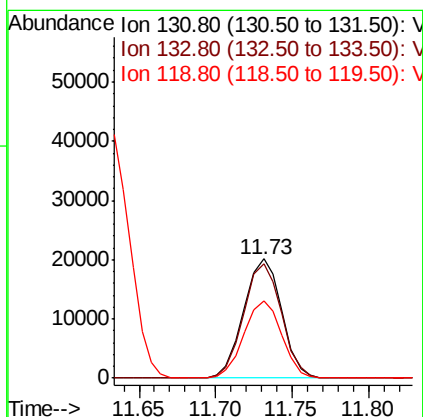
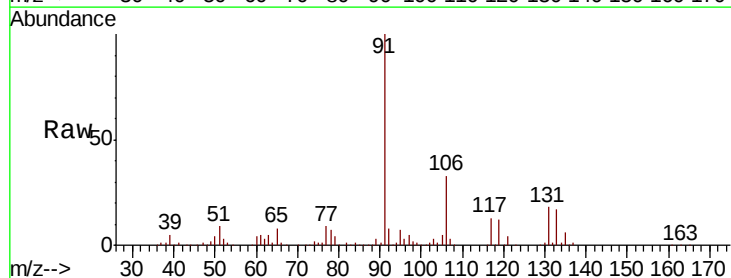
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

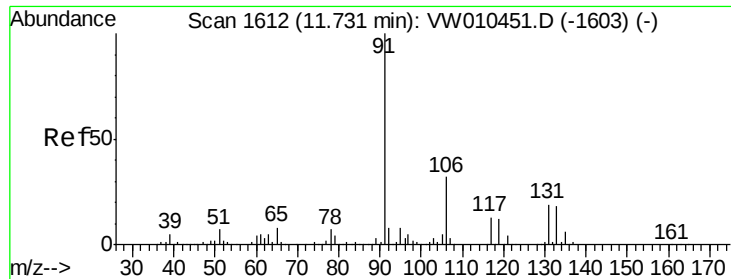
Tgt Ion:112 Resp: 98188
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.972 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion:131 Resp: 34803
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.9
119 64.5 32.1 96.5

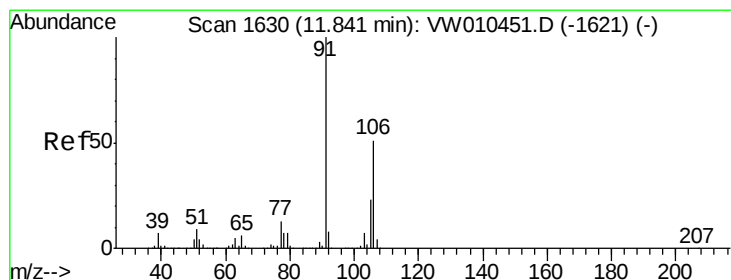
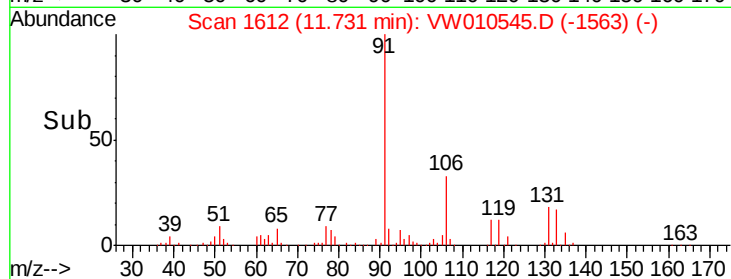
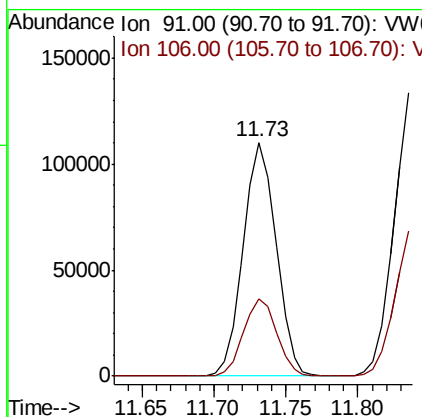
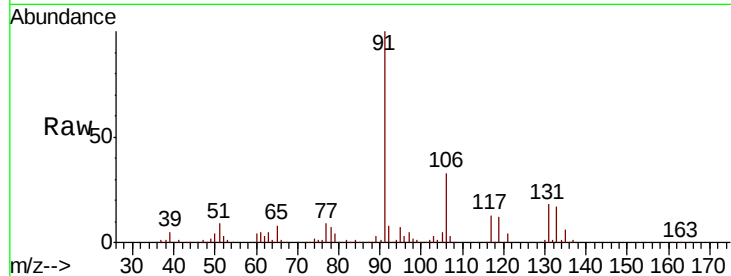




#67
Ethyl Benzene
Concen: 21.429 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

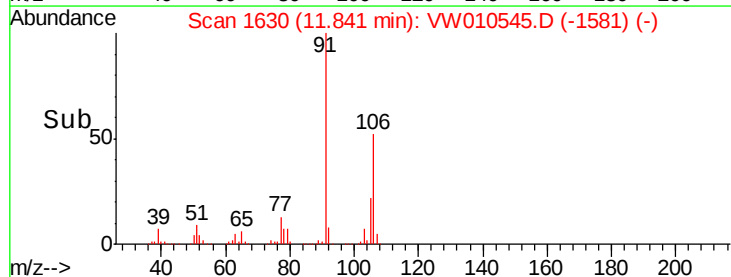
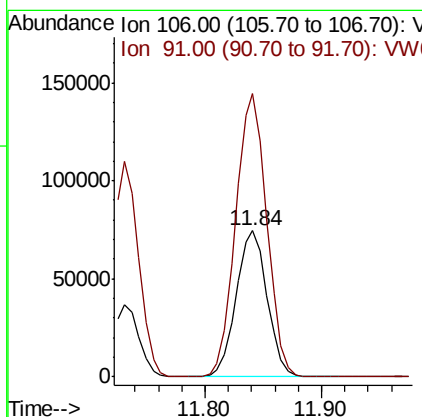
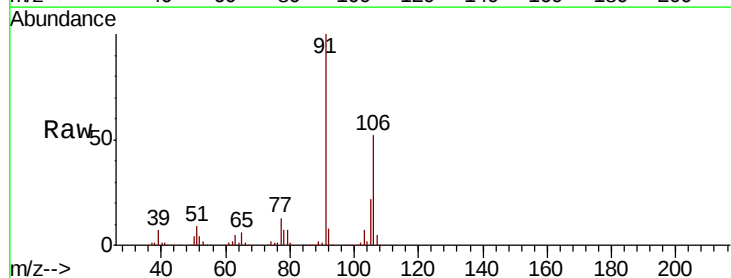
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

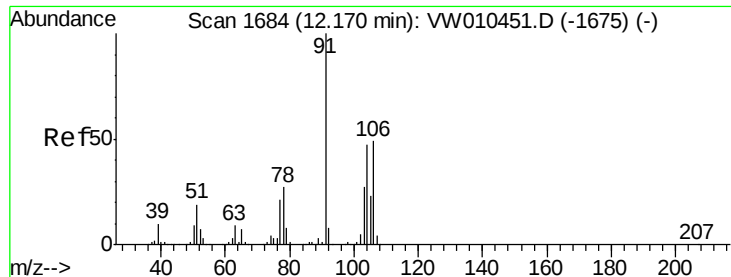
Tgt Ion: 91 Resp: 175262
Ion Ratio Lower Upper
91 100
106 33.2 25.9 38.9



#68
m/p-Xylenes
Concen: 42.893 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion: 106 Resp: 137602
Ion Ratio Lower Upper
106 100
91 195.2 156.0 234.0

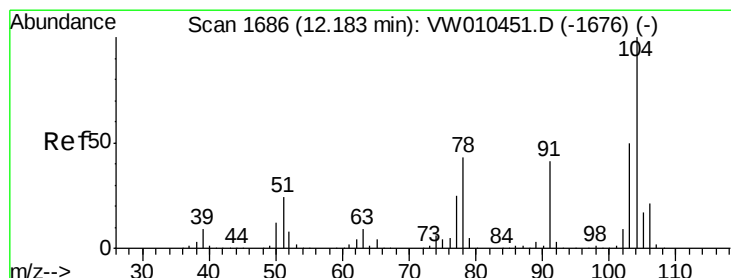
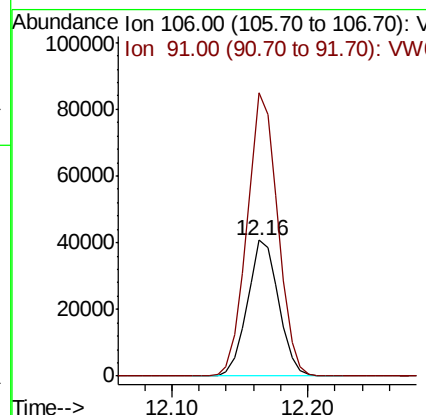
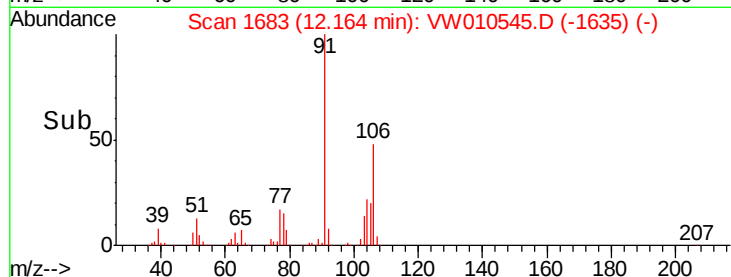
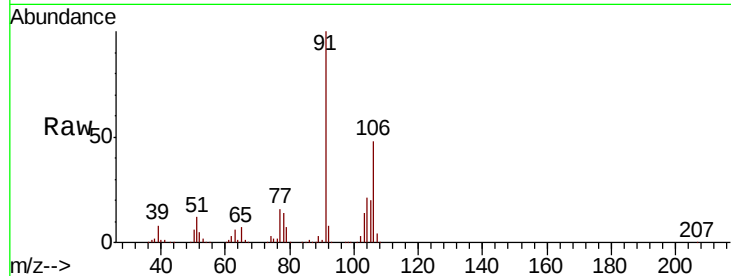




#69
o-Xylene
Concen: 21.513 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

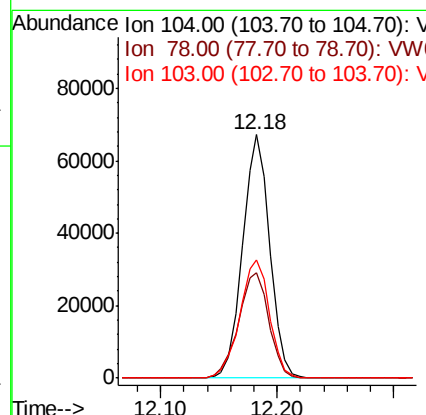
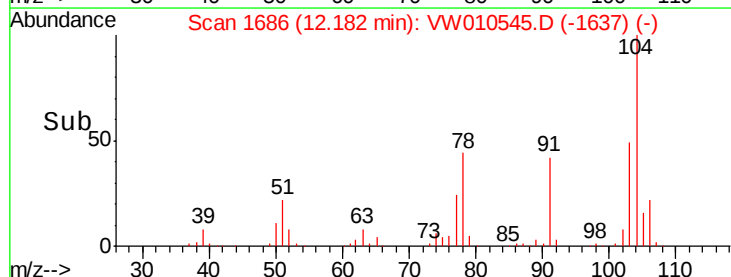
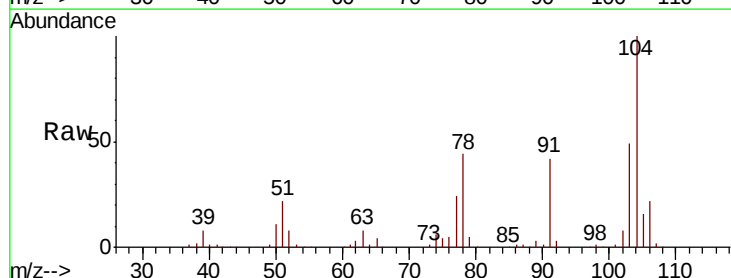
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

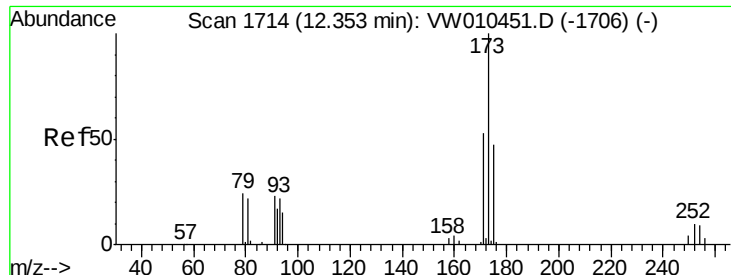
Tgt Ion:106 Resp: 65386
Ion Ratio Lower Upper
106 100
91 205.3 103.2 309.4



#70
Styrene
Concen: 21.110 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion:104 Resp: 108868
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 53.3 43.0 64.6

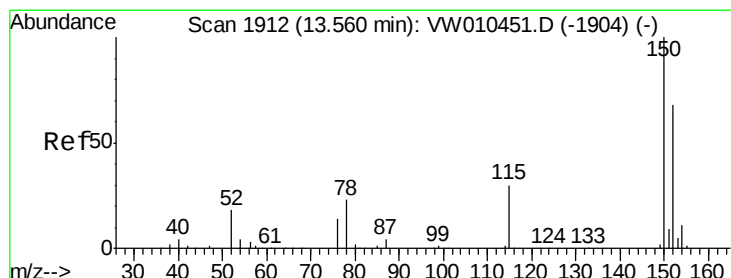
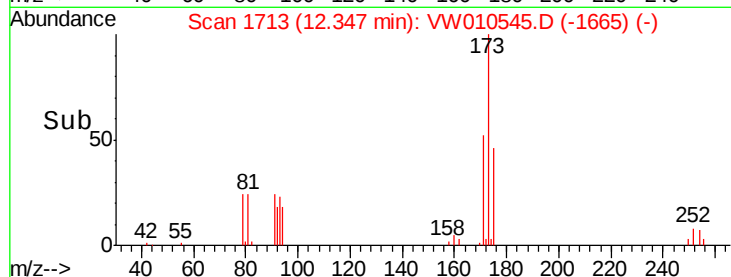
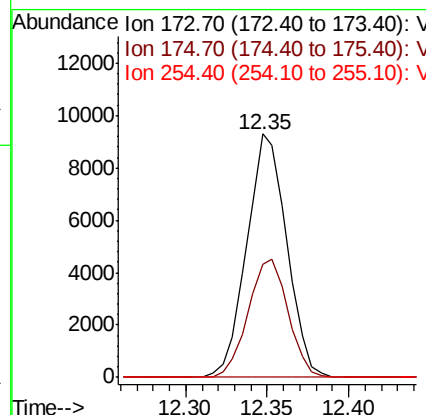
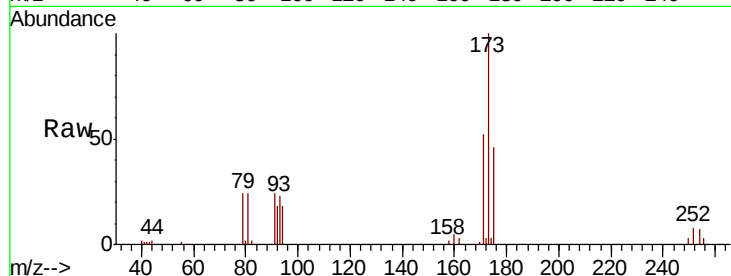




#71
Bromoform
Concen: 17.330 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

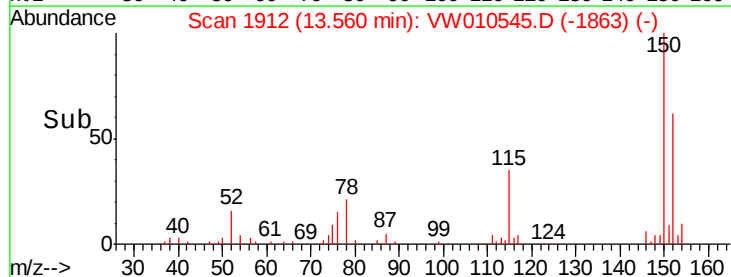
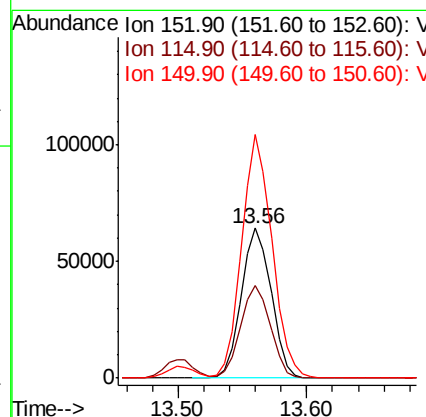
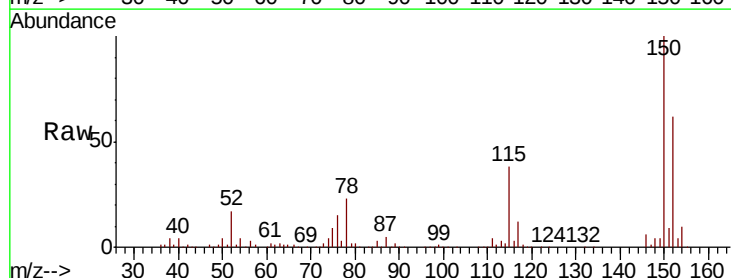
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

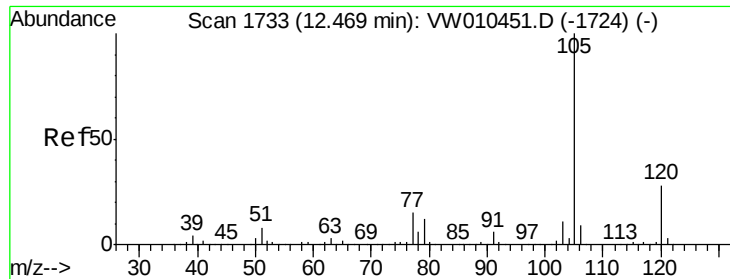
Tgt Ion:173 Resp: 15837
Ion Ratio Lower Upper
173 100
175 48.5 24.4 73.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion:152 Resp: 102607
Ion Ratio Lower Upper
152 100
115 61.9 30.3 91.0
150 165.2 0.0 349.8





#73

Isopropylbenzene

Concen: 21.958 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

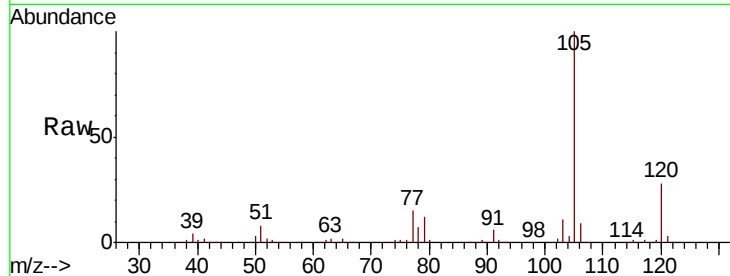
VW0524SBS01

Tgt Ion: 105 Resp: 178784

Ion Ratio Lower Upper

105 100

120 27.3 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

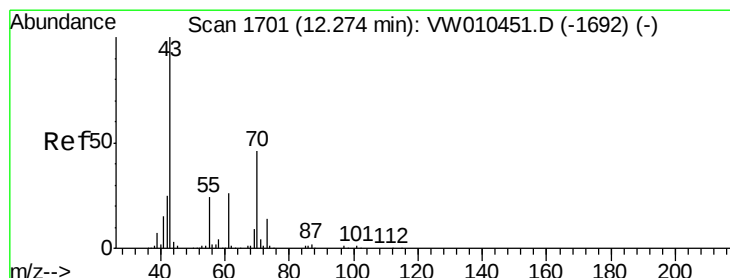
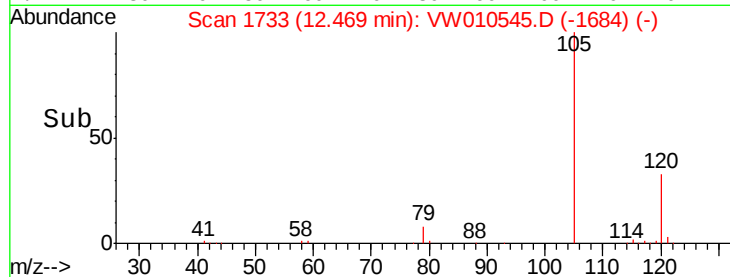
40000

20000

0

12.40 12.45 12.50 12.55

Time-->



#74

N-ethyl acetate

Concen: 15.283 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Tgt Ion: 43 Resp: 28516

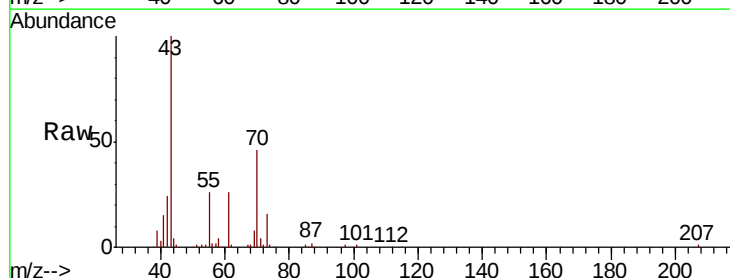
Ion Ratio Lower Upper

43 100

70 47.9 37.1 55.7

55 26.8 19.6 29.4

61 26.5 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

30000

25000

20000

15000

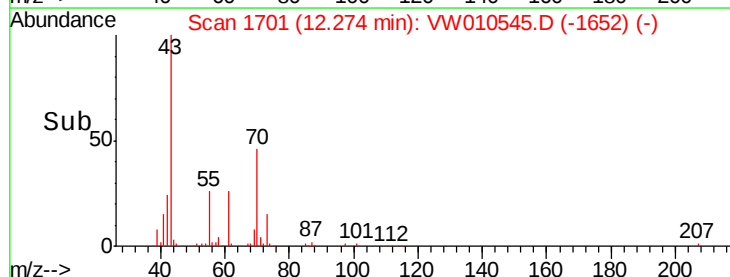
10000

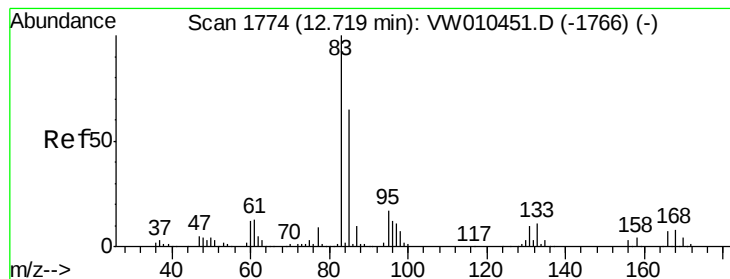
5000

0

12.20 12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 17.349 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW0524SBS01

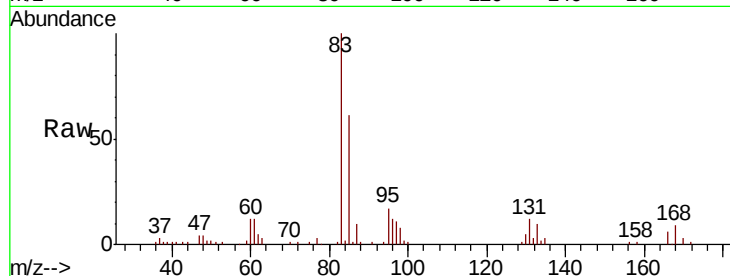
Tgt Ion: 83 Resp: 25693

Ion Ratio Lower Upper

83 100

131 12.2 5.6 16.8

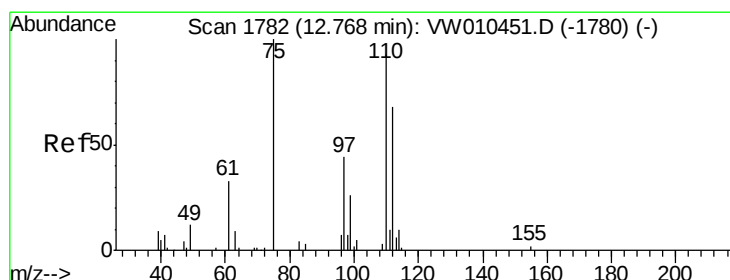
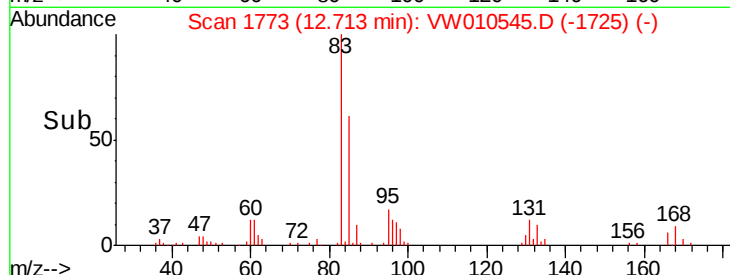
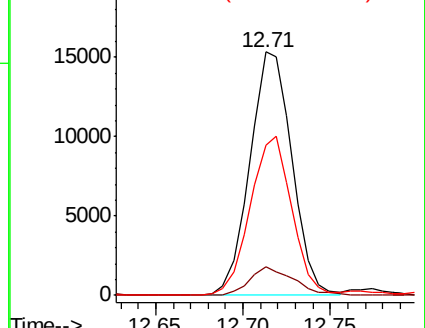
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 31.804 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010545.D

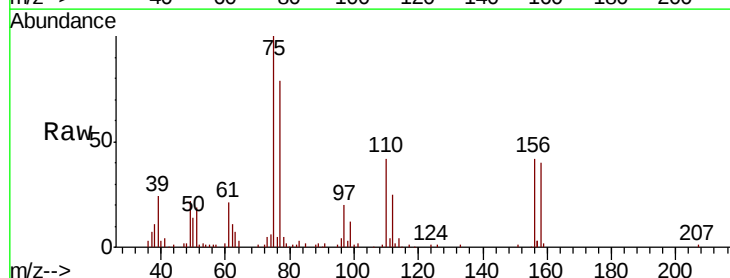
Acq: 24 May 2019 12:39

Tgt Ion: 75 Resp: 33125

Ion Ratio Lower Upper

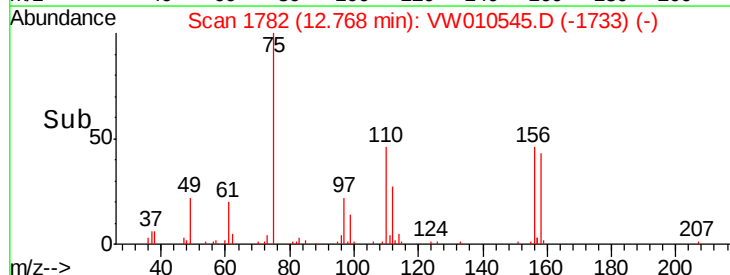
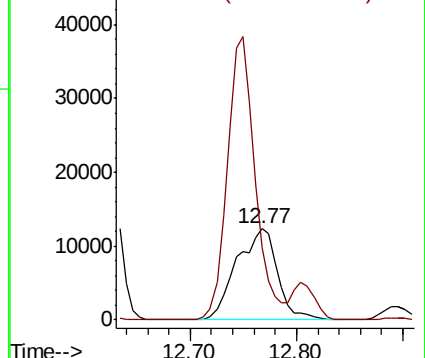
75 100

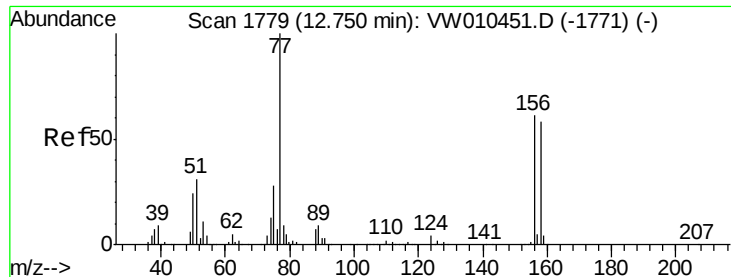
77 211.0 170.0 510.1



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 21.517 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW0524SBS01

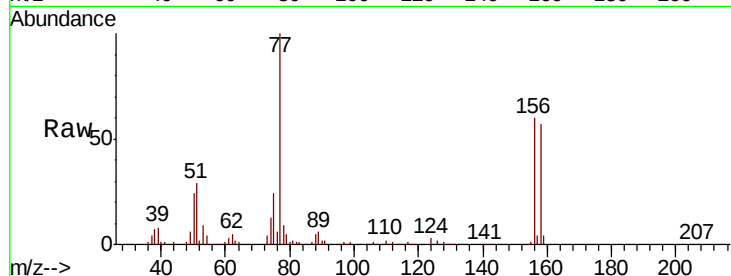
Tgt Ion:156 Resp: 39206

Ion Ratio Lower Upper

156 100

77 178.3 92.4 277.2

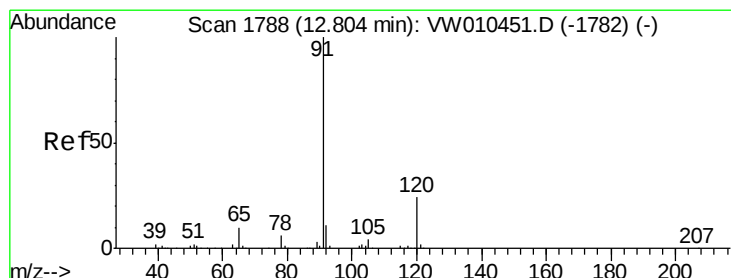
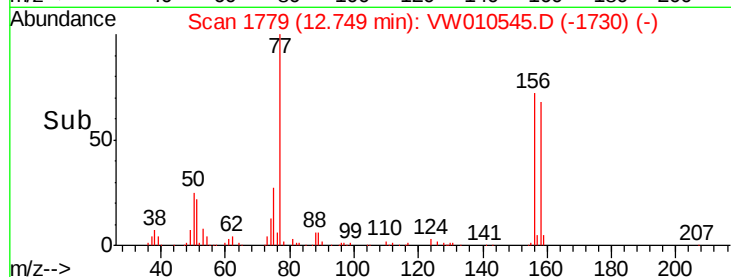
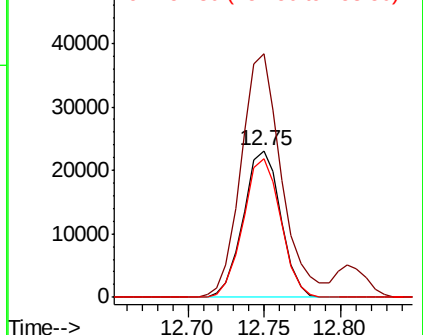
158 95.0 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.791 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010545.D

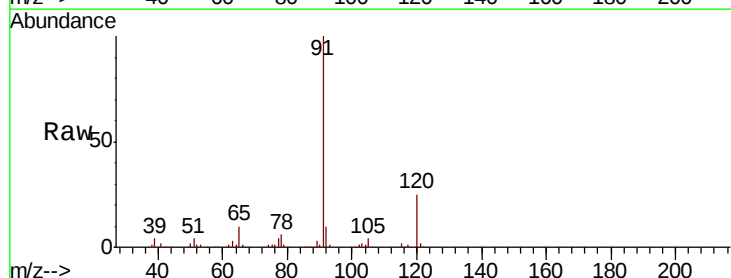
Acq: 24 May 2019 12:39

Tgt Ion: 91 Resp: 206765

Ion Ratio Lower Upper

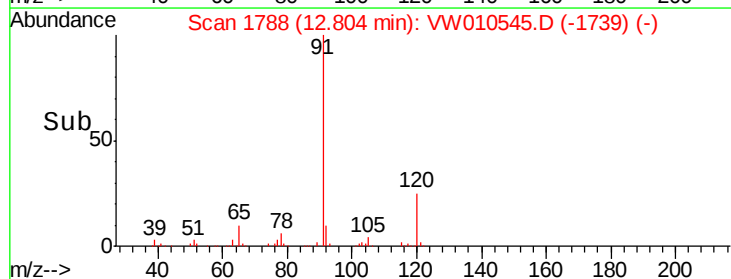
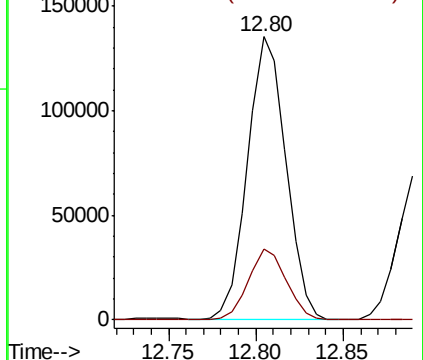
91 100

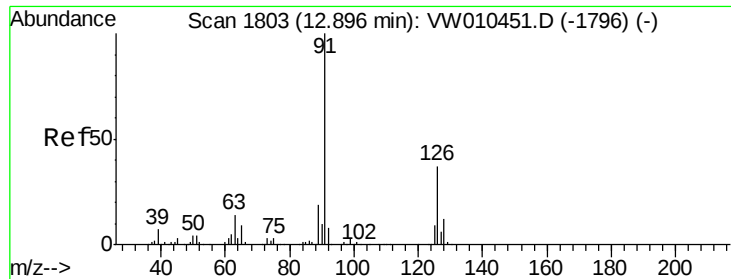
120 24.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.325 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

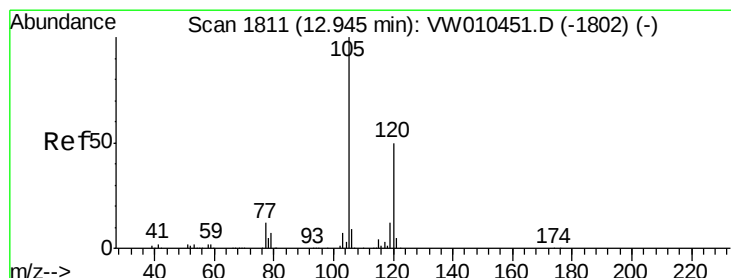
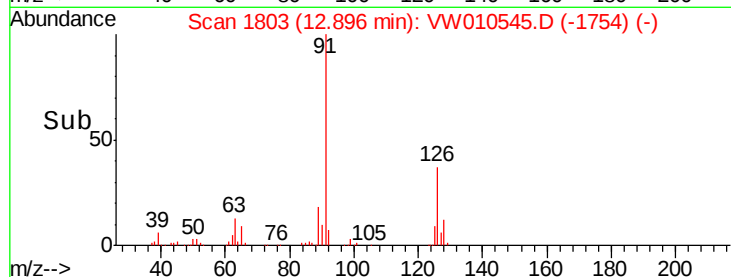
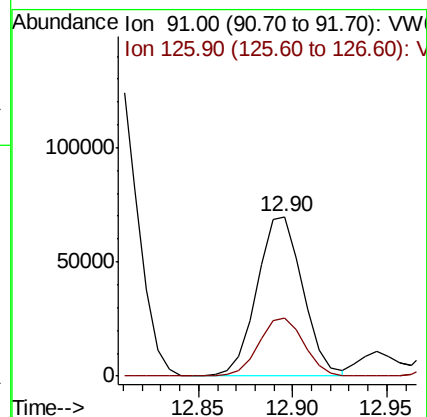
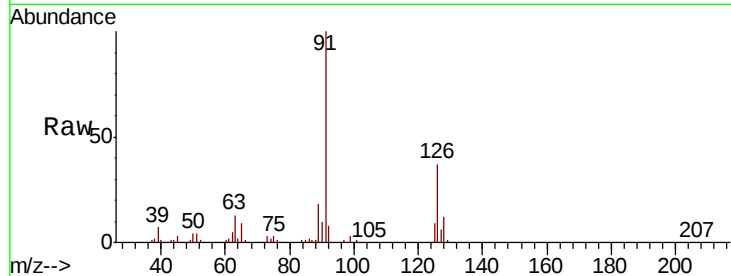
VW0524SBS01

Tgt Ion: 91 Resp: 117346

Ion Ratio Lower Upper

91 100

126 36.0 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 21.555 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010545.D

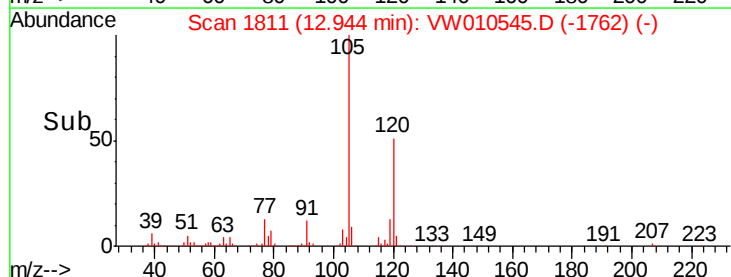
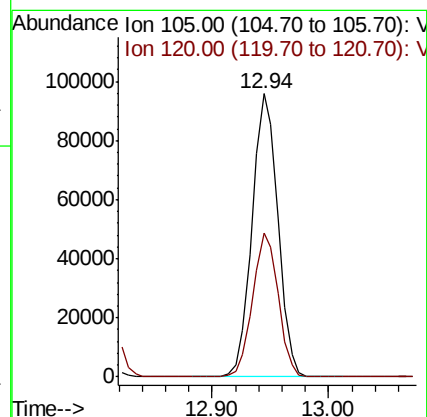
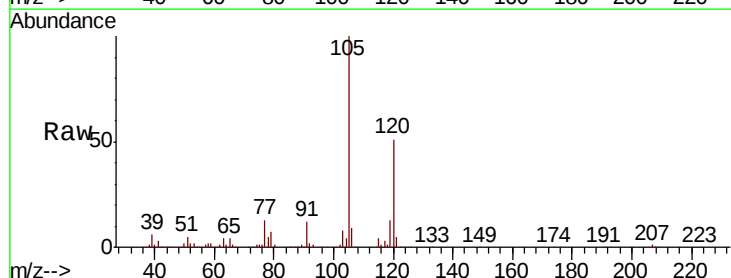
Acq: 24 May 2019 12:39

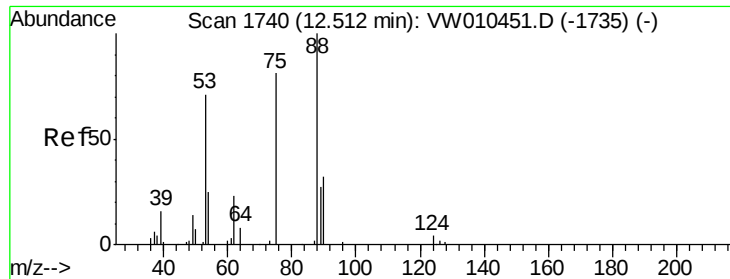
Tgt Ion: 105 Resp: 148641

Ion Ratio Lower Upper

105 100

120 50.5 25.2 75.6

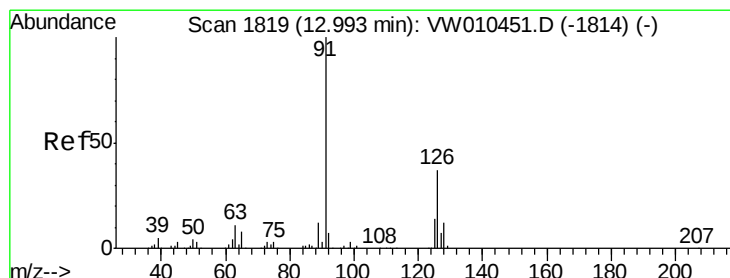
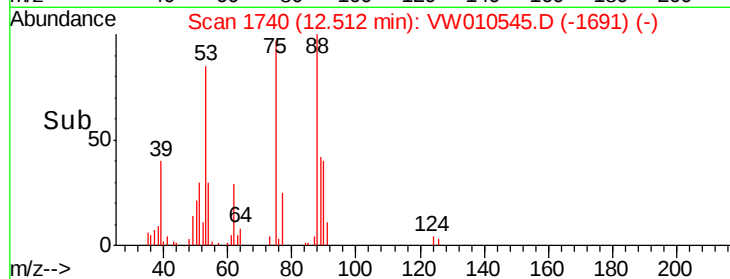
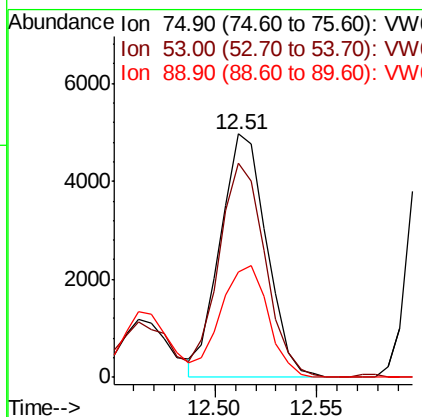
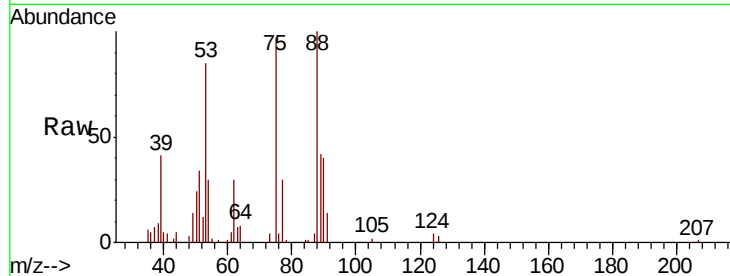




#81
trans-1,4-Dichloro-2-butene
Concen: 15.722 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

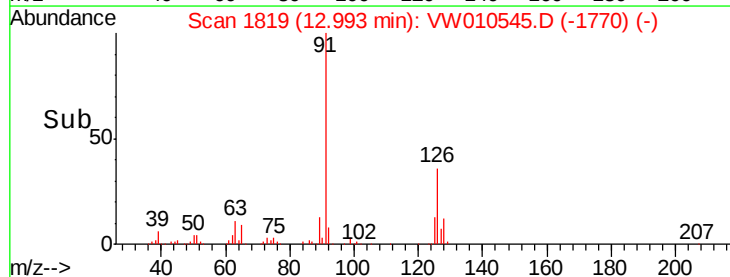
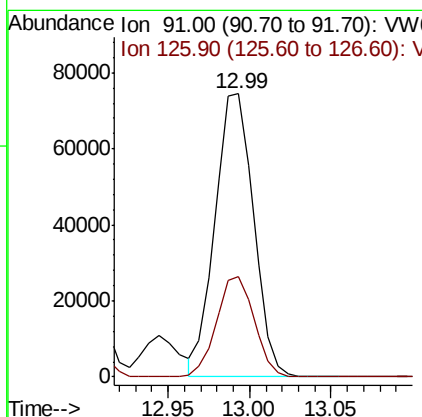
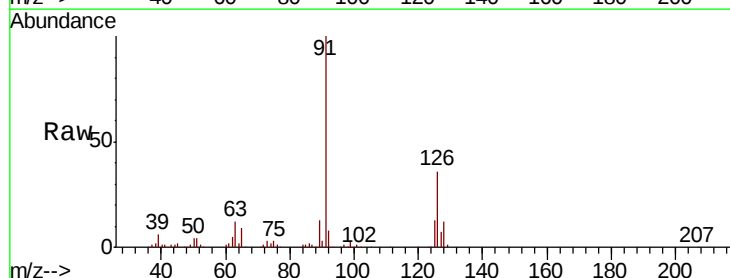
Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

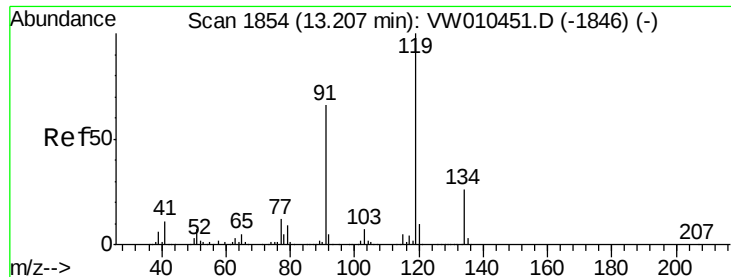
Tgt Ion: 75 Resp: 7846
Ion Ratio Lower Upper
75 100
53 87.9 69.8 104.8
89 47.2 39.5 59.3



#82
4-Chlorotoluene
Concen: 21.503 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion: 91 Resp: 122818
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.6

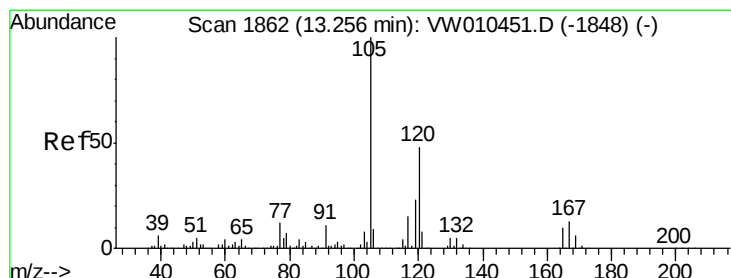
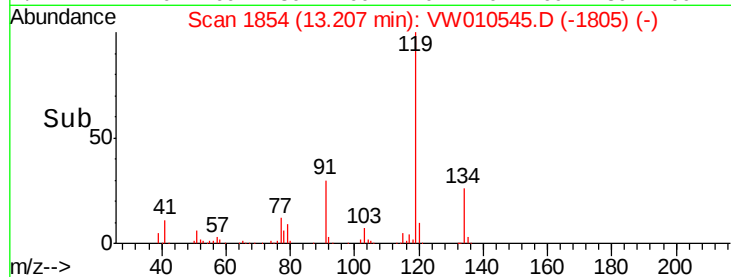
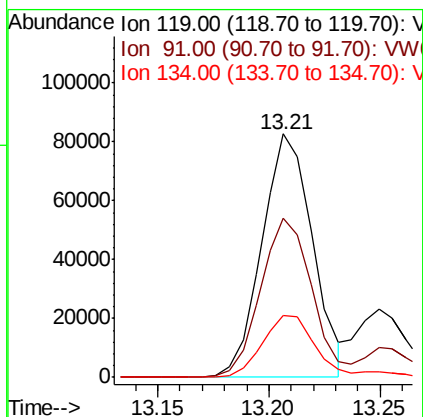
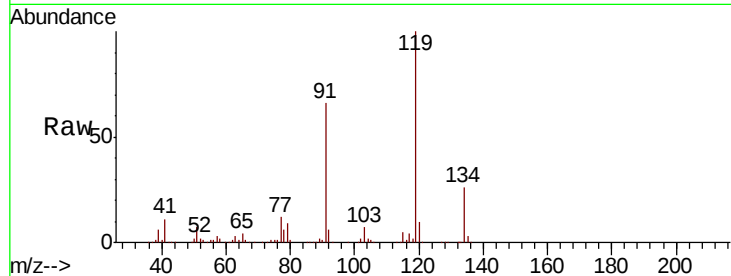




#83
 tert-Butylbenzene
 Concen: 21.679 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

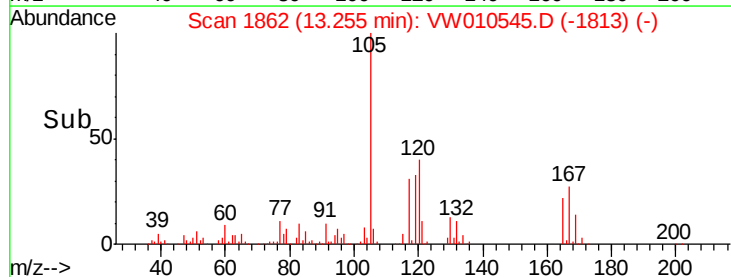
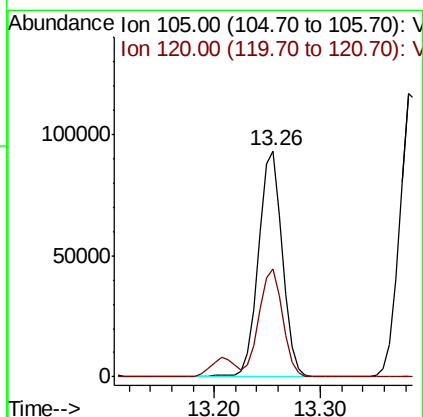
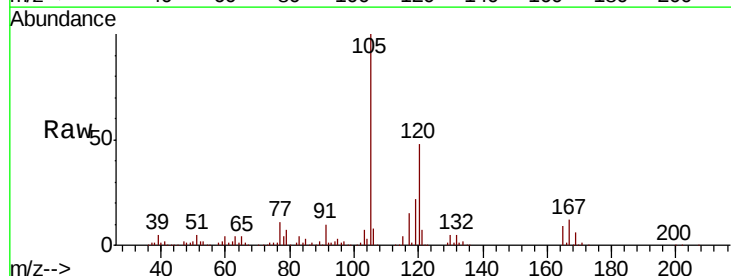
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

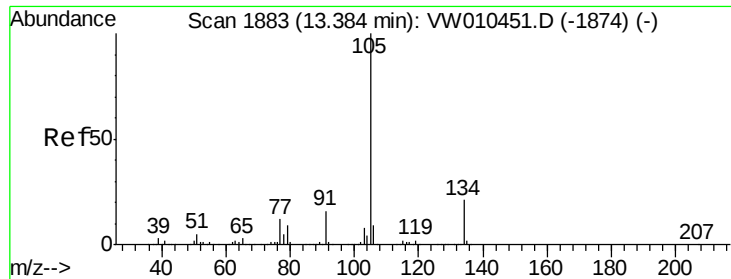
Tgt Ion:119 Resp: 130587
 Ion Ratio Lower Upper
 119 100
 91 66.4 33.1 99.5
 134 28.1 13.9 41.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.409 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Tgt Ion:105 Resp: 147039
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.2

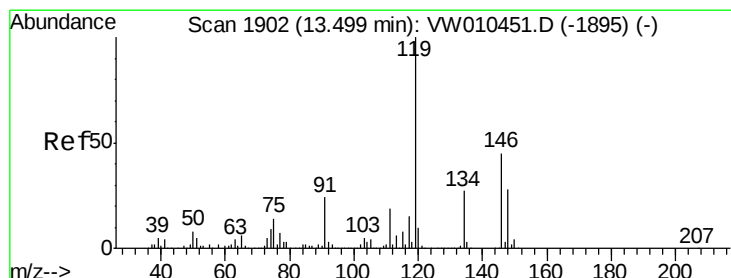
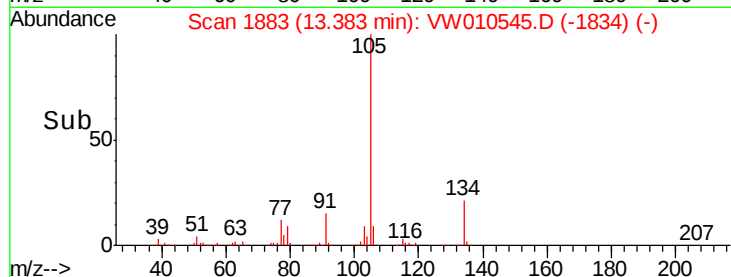
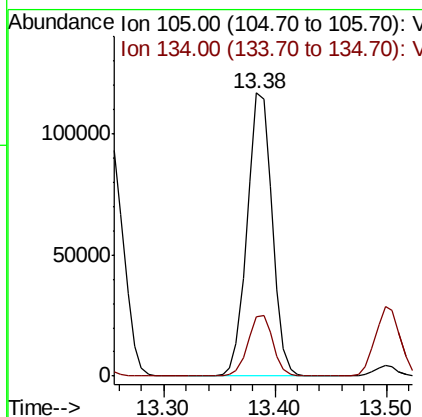
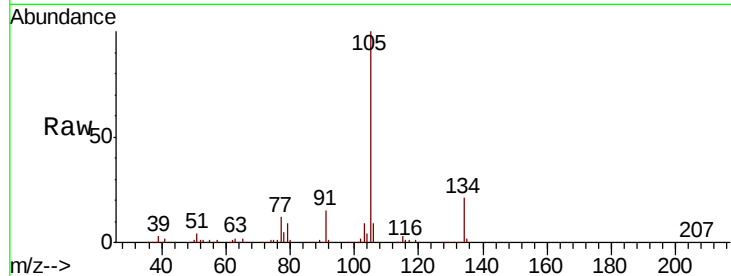




#85
 sec-Butylbenzene
 Concen: 21.649 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

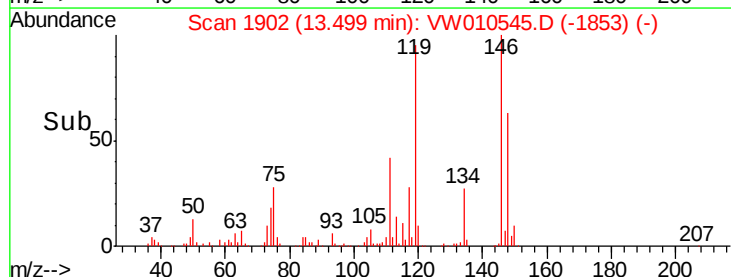
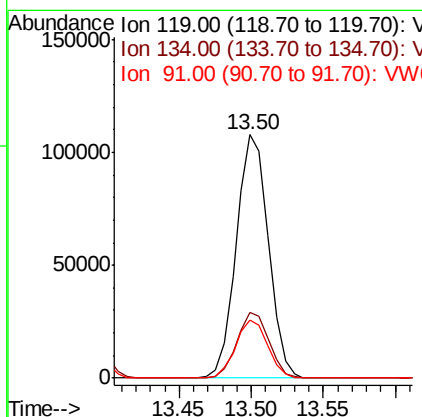
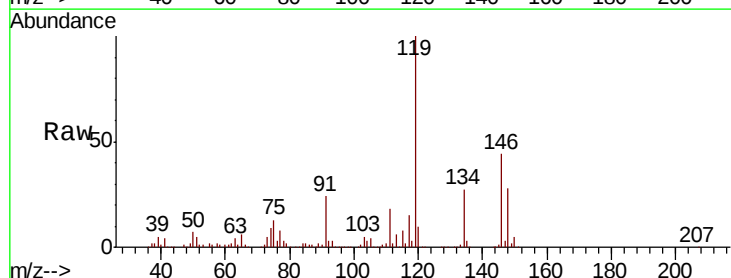
Instrument :
 MSVOA_W
 ClientSampled :
 VW0524SBS01

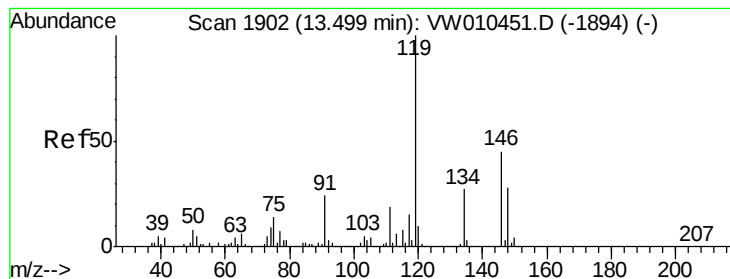
Tgt Ion:105 Resp: 182493
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 21.781 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Tgt Ion:119 Resp: 166186
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.6 40.7
 91 24.1 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 21.883 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW0524SBS01

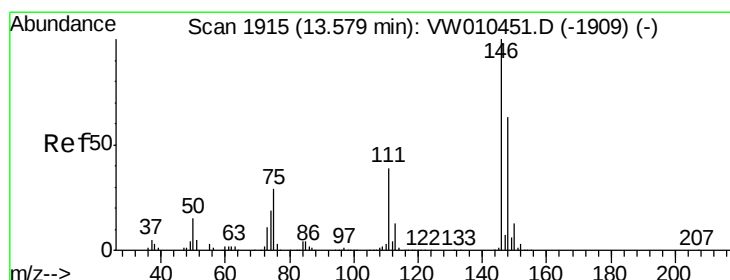
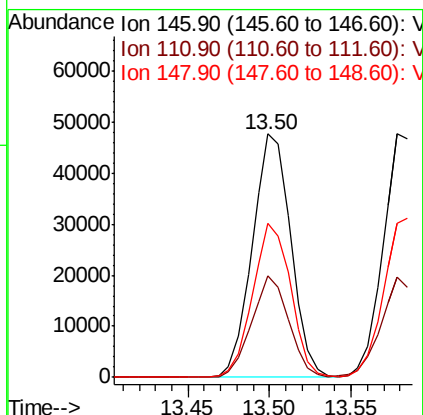
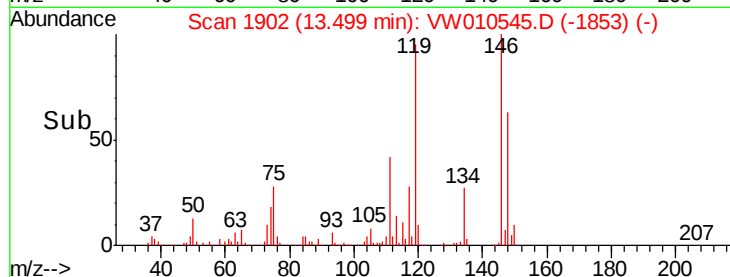
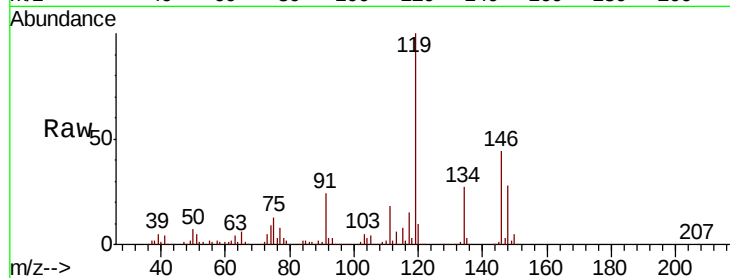
Tgt Ion:146 Resp: 78228

Ion Ratio Lower Upper

146 100

111 40.2 20.3 60.9

148 62.5 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 21.354 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

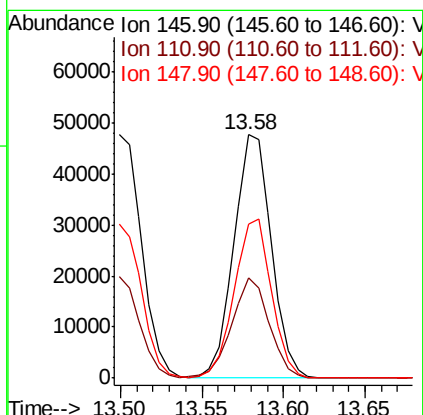
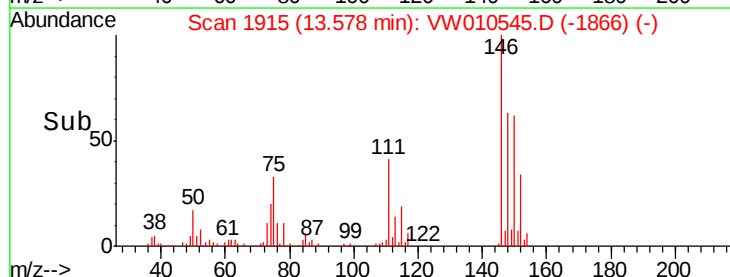
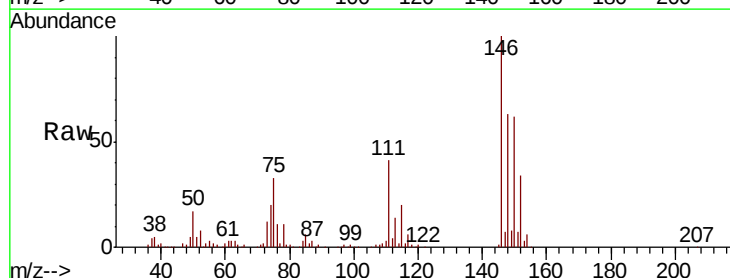
Tgt Ion:146 Resp: 76590

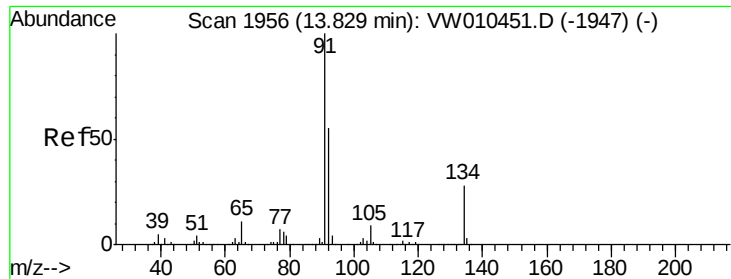
Ion Ratio Lower Upper

146 100

111 41.4 19.9 59.6

148 64.7 31.6 94.8





#89

n-Butylbenzene

Concen: 21.162 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW0524SBS01

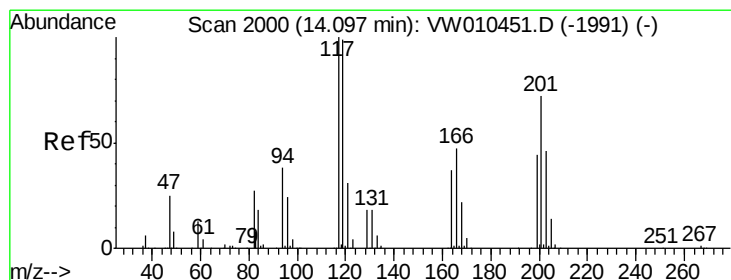
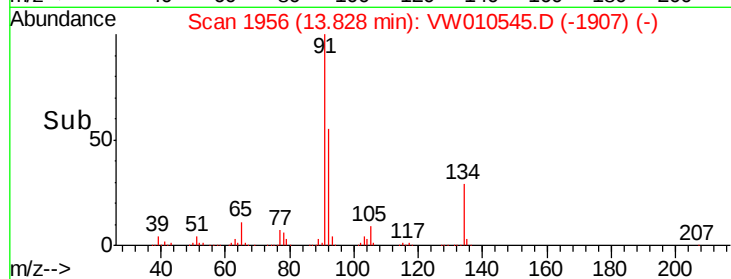
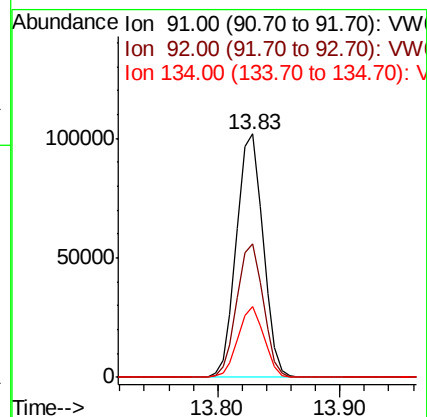
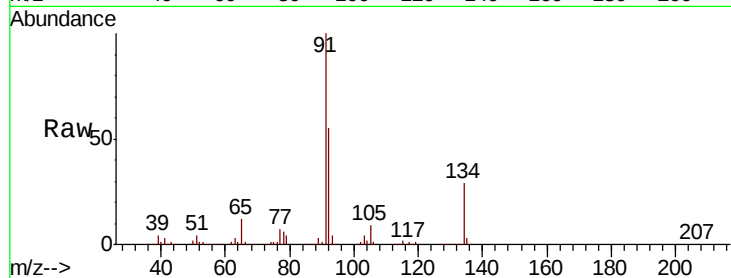
Tgt Ion: 91 Resp: 153581

Ion Ratio Lower Upper

91 100

92 54.5 27.7 83.1

134 28.2 13.9 41.6



#90

Hexachloroethane

Concen: 21.135 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010545.D

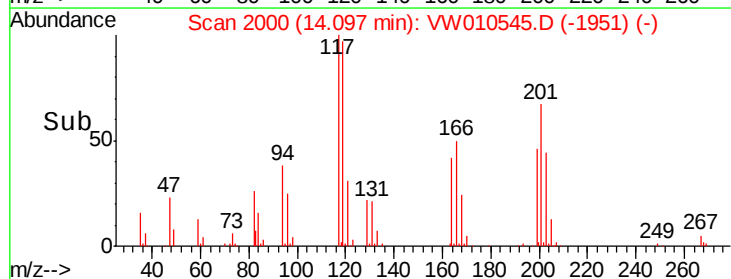
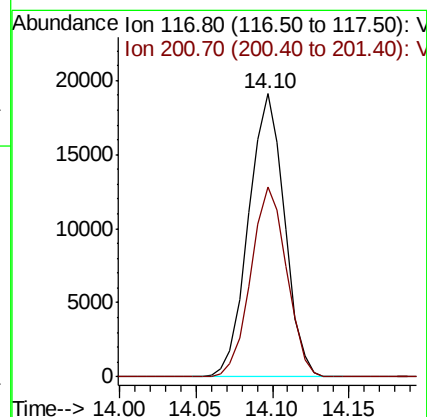
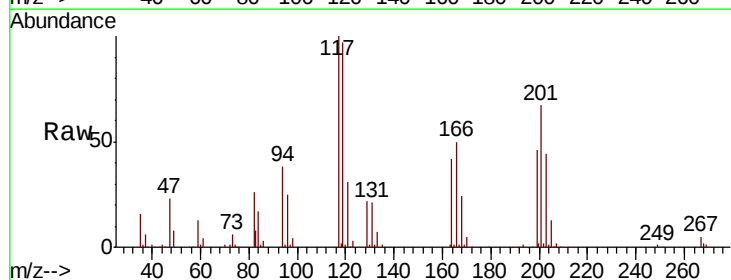
Acq: 24 May 2019 12:39

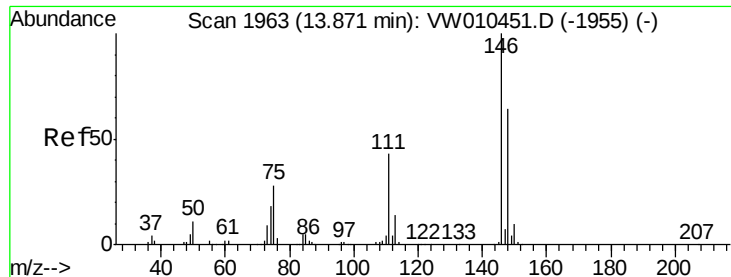
Tgt Ion: 117 Resp: 31213

Ion Ratio Lower Upper

117 100

201 67.1 34.6 103.8





#91

1,2-Dichlorobenzene

Concen: 20.782 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

Instrument :

MSVOA_W

ClientSampleId :

VW0524SBS01

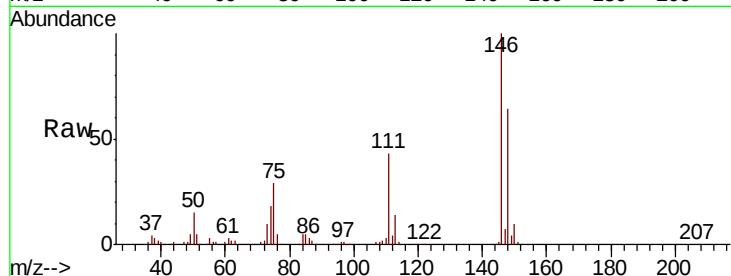
Tgt Ion:146 Resp: 67690

Ion Ratio Lower Upper

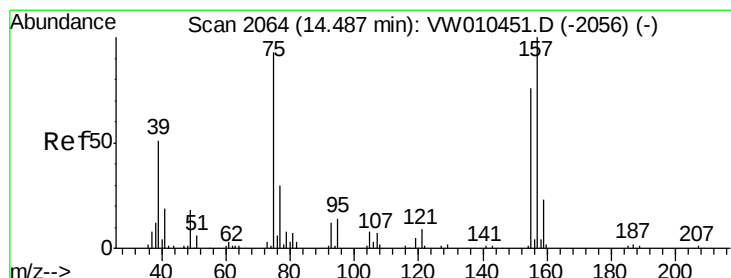
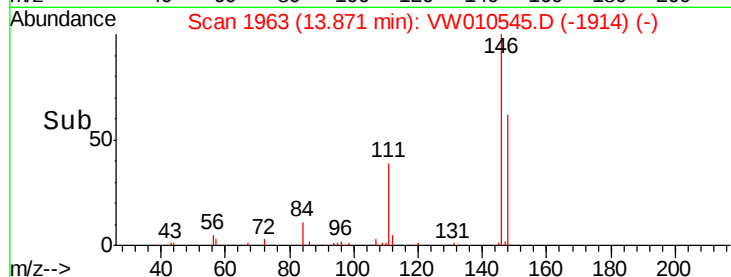
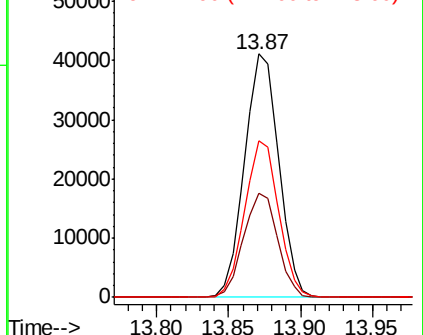
146 100

111 42.5 21.3 64.0

148 63.5 32.0 96.0



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 15.158 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW010545.D

Acq: 24 May 2019 12:39

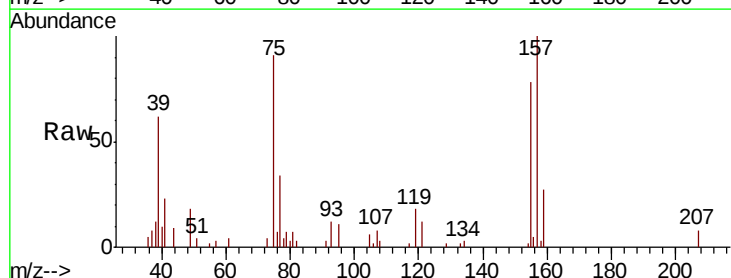
Tgt Ion: 75 Resp: 4174

Ion Ratio Lower Upper

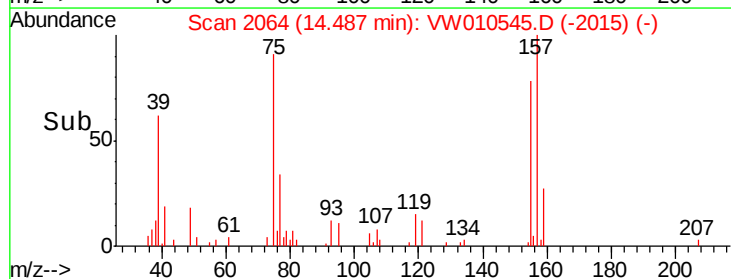
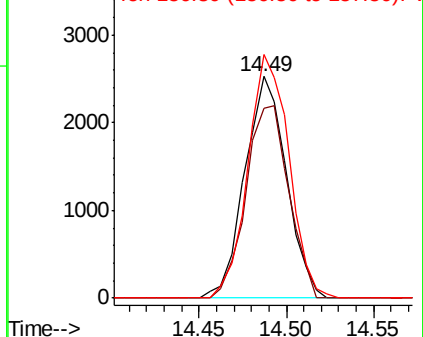
75 100

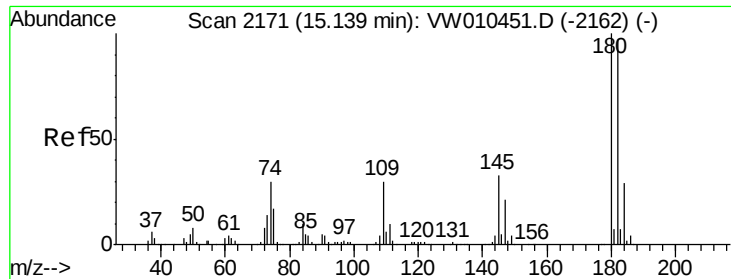
155 89.3 43.0 129.0

157 108.2 55.7 167.1



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

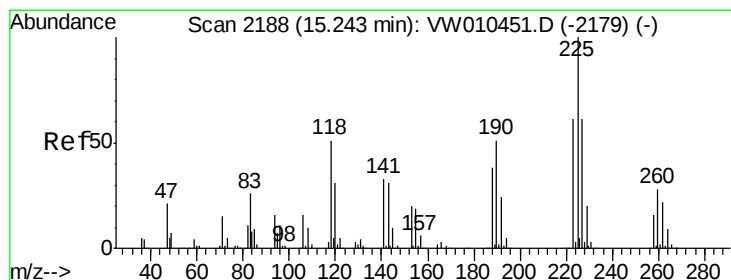
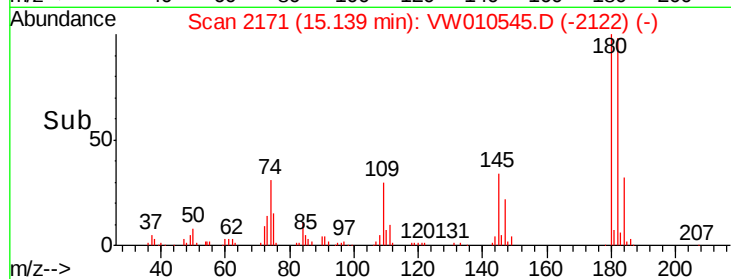
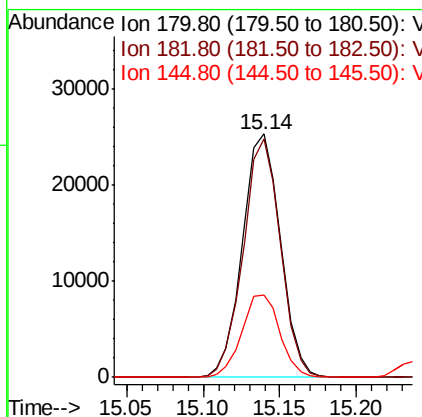
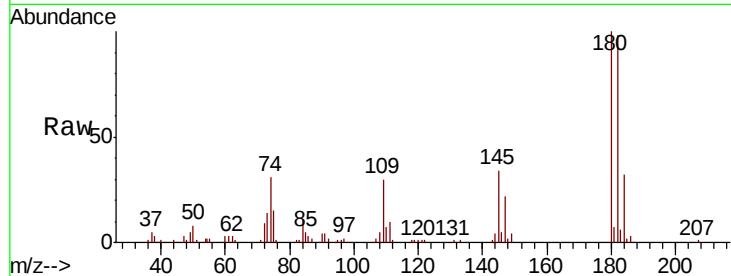




#93
 1,2,4-Trichlorobenzene
 Concen: 19.724 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

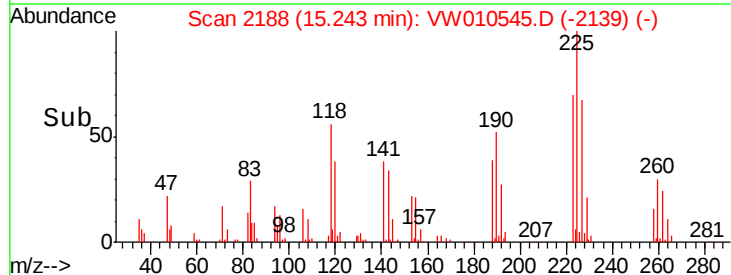
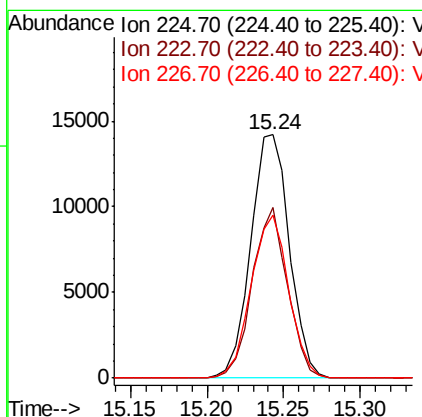
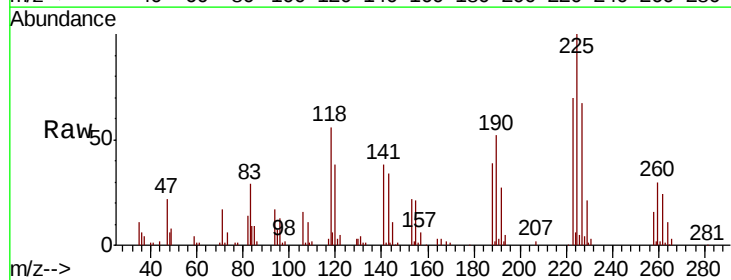
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0524SBS01

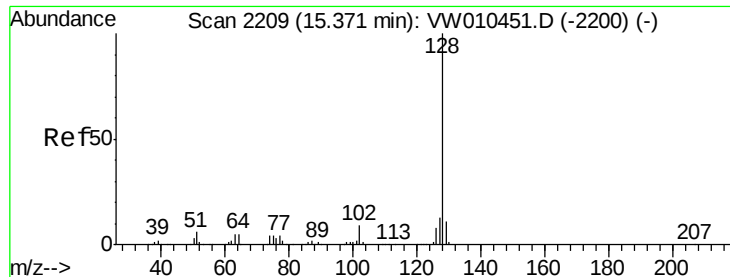
Tgt Ion:180 Resp: 43711
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.0 141.2
 145 34.2 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 21.129 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010545.D
 Acq: 24 May 2019 12:39

Tgt Ion:225 Resp: 25015
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.2
 227 65.1 31.1 93.5

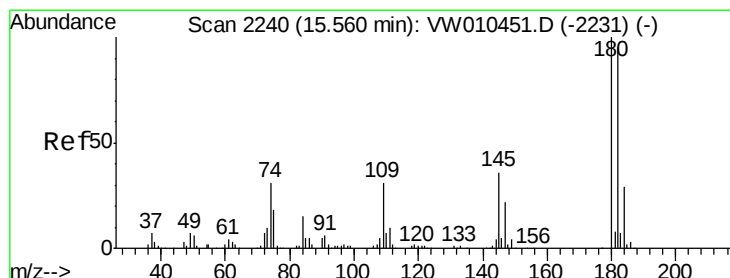
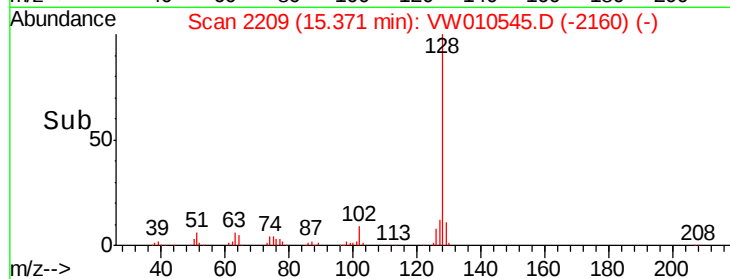
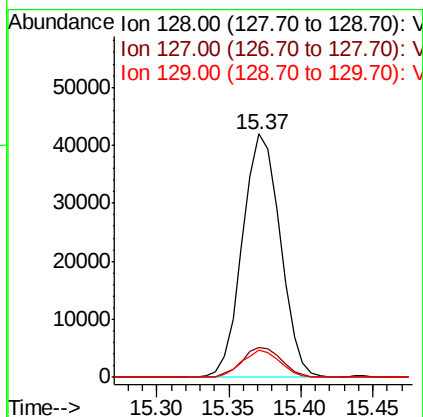
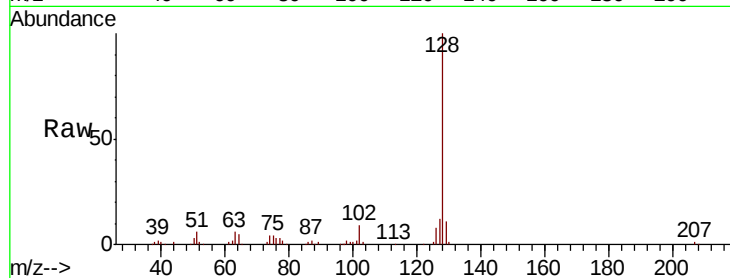




#95
Naphthalene
Concen: 16.406 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Instrument :
MSVOA_W
ClientSampleId :
VW0524SBS01

Tgt Ion:128 Resp: 76320
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 19.326 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010545.D
Acq: 24 May 2019 12:39

Tgt Ion:180 Resp: 36854
Ion Ratio Lower Upper
180 100
182 92.5 47.1 141.3
145 35.7 17.4 52.3

