

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011025.D
 Acq On : 27 Jun 2019 17:16
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 01:44:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:35:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	226716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	371391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	341290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165371	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	418721	149.95	ug/l	0.00
Spiked Amount			Recovery	=	299.90%	
35) Dibromofluoromethane	7.88	113	328146	156.50	ug/l	0.00
Spiked Amount			Recovery	=	313.00%	
50) Toluene-d8	10.32	98	1361526	148.08	ug/l	0.00
Spiked Amount			Recovery	=	296.16%	
62) 4-Bromofluorobenzene	12.62	95	504397	150.77	ug/l	0.00
Spiked Amount			Recovery	=	301.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	246154	119.589	ug/l	98
3) Chloromethane	2.21	50	339055	114.088	ug/l	97
4) Vinyl Chloride	2.36	62	405849	140.458	ug/l	100
5) Bromomethane	2.76	94	204938	130.900	ug/l	99
6) Chloroethane	2.91	64	230134	135.790	ug/l	100
7) Trichlorofluoromethane	3.24	101	135617	41.587	ug/l	90
8) Diethyl Ether	3.67	74	203428	152.693	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	350944	152.495	ug/l	100
10) Methyl Iodide	4.27	142	511599	231.745	ug/l	99
11) Tert butyl alcohol	5.17	59	154886	712.486	ug/l	98
12) 1,1-Dichloroethene	4.04	96	377299	167.108	ug/l	96
13) Acrolein	3.89	56	113643	1091.508	ug/l	99
14) Allyl chloride	4.66	41	607059	128.187	ug/l	98
15) Acrylonitrile	5.36	53	513107	782.607	ug/l	100
16) Acetone	4.12	43	535625	746.563	ug/l	99
17) Carbon Disulfide	4.38	76	1126528	159.113	ug/l	100
18) Methyl Acetate	4.66	43	267715	168.295	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	517933	87.562	ug/l	95
20) Methylene Chloride	4.92	84	386975	150.832	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	386364	153.923	ug/l	99
22) Diisopropyl ether	6.31	45	1448478	148.745	ug/l	97
23) Vinyl Acetate	6.25	43	4831513	815.538	ug/l	100
24) 1,1-Dichloroethane	6.21	63	769710	156.345	ug/l	100
25) 2-Butanone	7.16	43	832958	824.654	ug/l	99
26) 2,2-Dichloropropane	7.16	77	352970	94.512	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	420445	152.470	ug/l	98
28) Bromochloromethane	7.51	49	344399	152.811	ug/l	99
29) Tetrahydrofuran	7.52	42	522096	815.795	ug/l	99
30) Chloroform	7.67	83	692967	153.976	ug/l	99
31) Cyclohexane	7.95	56	773977	142.147	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	512335	133.578	ug/l	99
36) 1,1-Dichloropropene	8.08	75	581360	151.355	ug/l	99
37) Ethyl Acetate	7.25	43	347303	160.874	ug/l	99
38) Carbon Tetrachloride	8.06	117	492879	150.087	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	736665	152.064	ug/l	98
40) Benzene	8.32	78	1596810	152.091	ug/l	98
41) Methacrylonitrile	7.48	41	225934	175.216	ug/l	98
42) 1,2-Dichloroethane	8.40	62	523965	156.667	ug/l	99
43) Isopropyl Acetate	8.42	43	684244	165.168	ug/l	99
44) Trichloroethene	9.09	130	386931	149.960	ug/l	99
45) 1,2-Dichloropropane	9.37	63	441316	158.425	ug/l	99
46) Dibromomethane	9.46	93	205444	158.415	ug/l	100
47) Bromodichloromethane	9.64	83	540059	162.056	ug/l	100
48) Methyl methacrylate	9.43	41	338594	169.486	ug/l	99
49) 1,4-Dioxane	9.44	88	72654	3477.016	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	1792296	840.429	ug/l	99
52) Toluene	10.38	92	996786	154.514	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	594712	168.625	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	688769	165.528	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	292048	156.546	ug/l	99
56) Ethyl methacrylate	10.65	69	479112	167.654	ug/l	99
57) 1,3-Dichloropropane	10.93	76	562574	160.104	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1141663	766.946	ug/l	99
59) 2-Hexanone	10.97	43	1294524	844.426	ug/l	99
60) Dibromochloromethane	11.13	129	336870	164.869	ug/l	99
61) 1,2-Dibromoethane	11.23	107	281871	160.055	ug/l	100
64) Tetrachloroethene	10.86	164	341293	149.799	ug/l	95
65) Chlorobenzene	11.66	112	1013859	149.932	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	359789	154.602	ug/l	99
67) Ethyl Benzene	11.73	91	1974239	151.896	ug/l	99
68) m/p-Xylenes	11.84	106	1425867	305.484	ug/l	99
69) o-Xylene	12.16	106	676090	153.164	ug/l	100
70) Styrene	12.18	104	1191880	155.335	ug/l	100
71) Bromoform	12.35	173	193377	161.262	ug/l #	98
73) Isopropylbenzene	12.46	105	1867958	150.806	ug/l	100
74) N-amyl acetate	12.27	43	680233	167.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	367179	154.528	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	494614	283.714	ug/l #	100
77) Bromobenzene	12.75	156	407709	150.904	ug/l	100
78) n-propylbenzene	12.80	91	2285336	152.182	ug/l	99
79) 2-Chlorotoluene	12.90	91	1305831	152.216	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1569688	153.656	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	129579	172.182	ug/l	93
82) 4-Chlorotoluene	12.99	91	1352380	152.516	ug/l	100
83) tert-Butylbenzene	13.21	119	1316014	152.457	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1585568	154.256	ug/l	100
85) sec-Butylbenzene	13.38	105	1897263	151.075	ug/l	100
86) p-Isopropyltoluene	13.50	119	1713022	152.378	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	788602	150.782	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	780139	150.047	ug/l	98
89) n-Butylbenzene	13.82	91	1735138	154.264	ug/l	99
90) Hexachloroethane	14.10	117	316030	158.440	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	707912	149.818	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	64745	157.830	ug/l	98

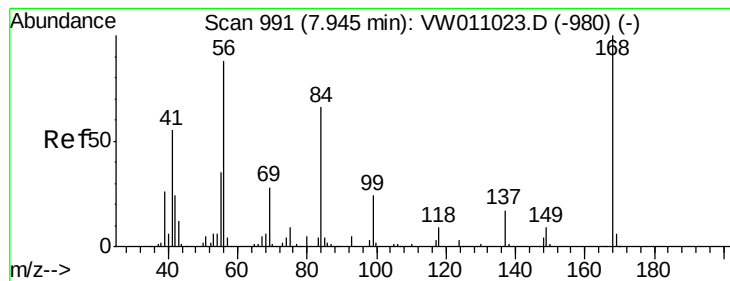
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	509367	153.709	ug/l	99
94) Hexachlorobutadiene	15.24	225	301115	145.770	ug/l	98
95) Naphthalene	15.37	128	1010817	165.979	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	451308	159.169	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. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

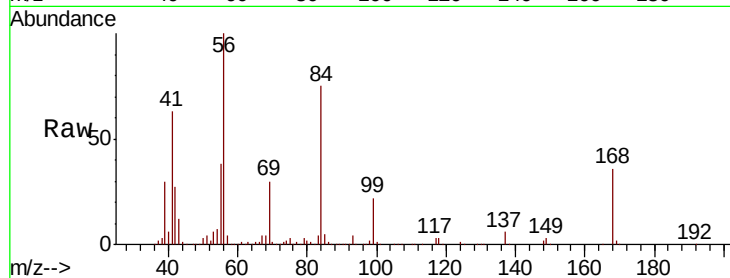
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 226716

Ion Ratio Lower Upper

168 100

99 60.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

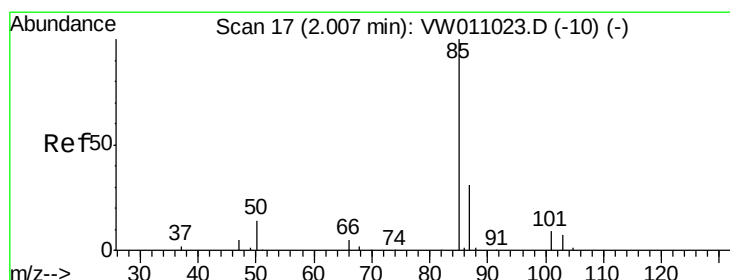
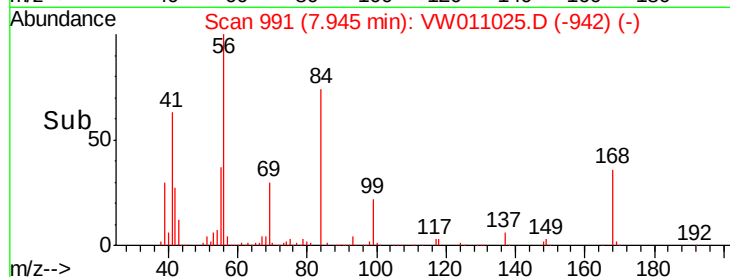
100000

50000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 119.589 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW011025.D

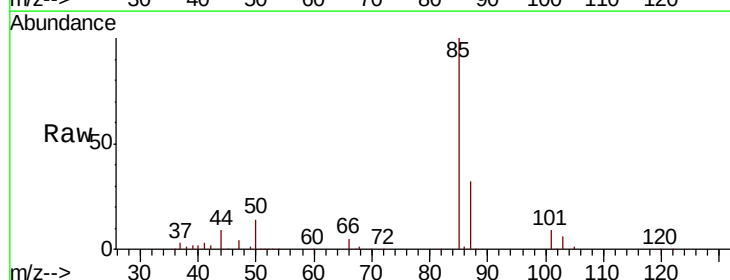
Acq: 27 Jun 2019 17:16

Tgt Ion: 85 Resp: 246154

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

80000

60000

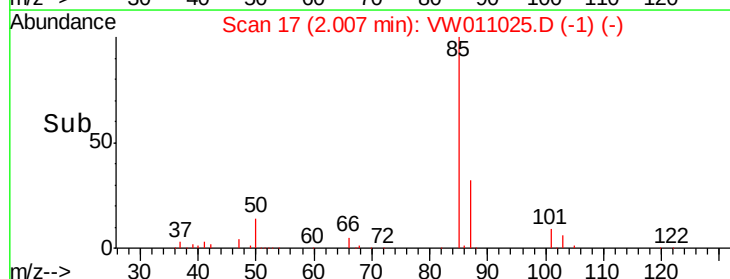
40000

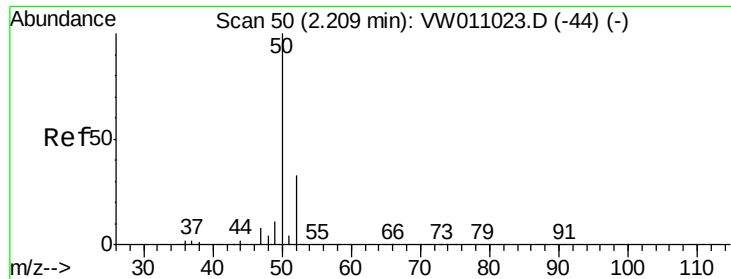
20000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 114.088 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

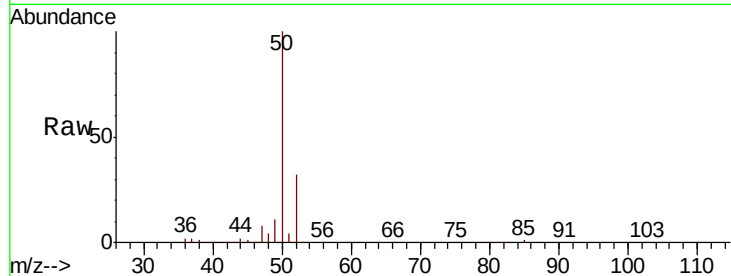
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 50 Resp: 339055

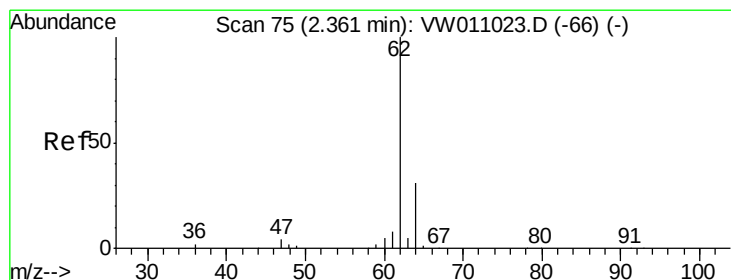
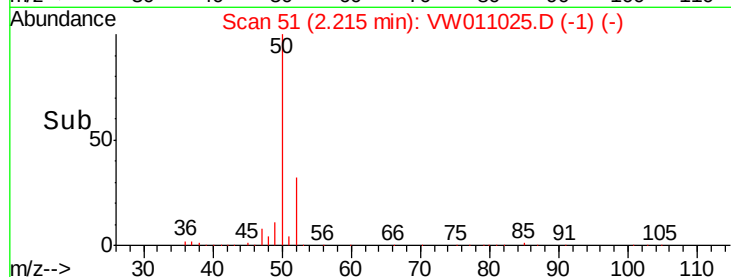
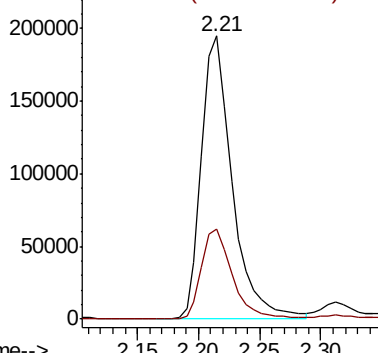
Ion Ratio Lower Upper

50 100

52 31.8 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VW
Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 140.458 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW011025.D

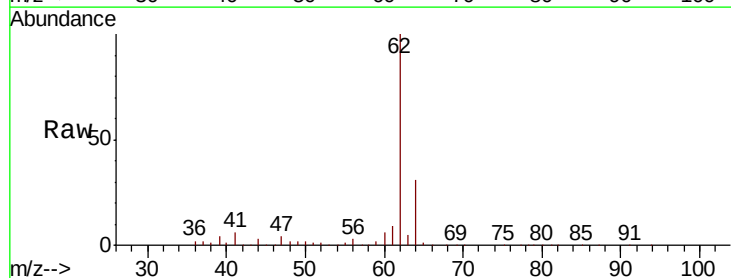
Acq: 27 Jun 2019 17:16

Tgt Ion: 62 Resp: 405849

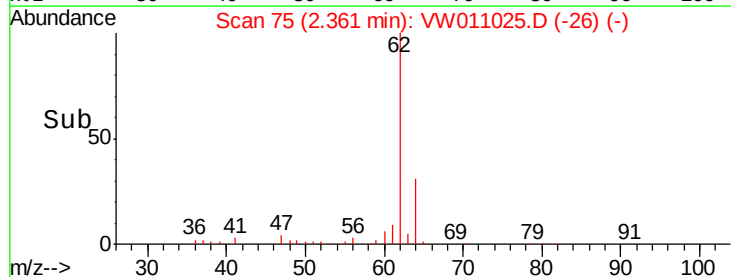
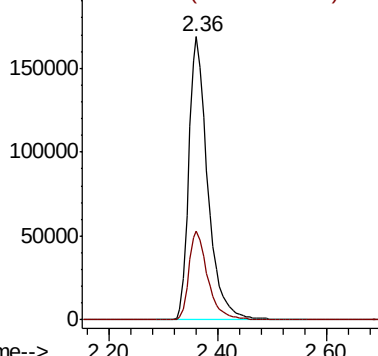
Ion Ratio Lower Upper

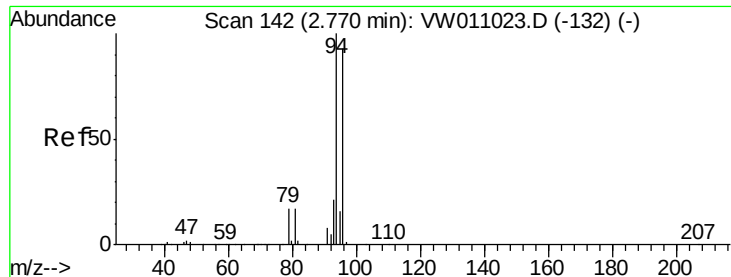
62 100

64 31.2 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 130.900 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

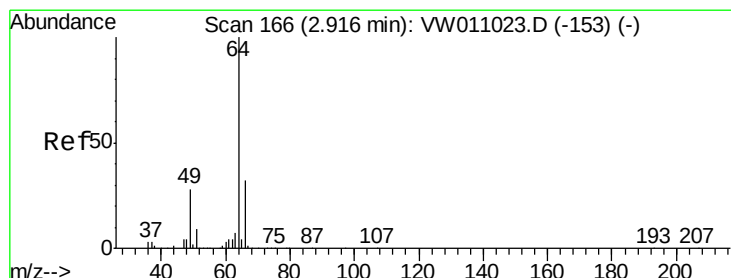
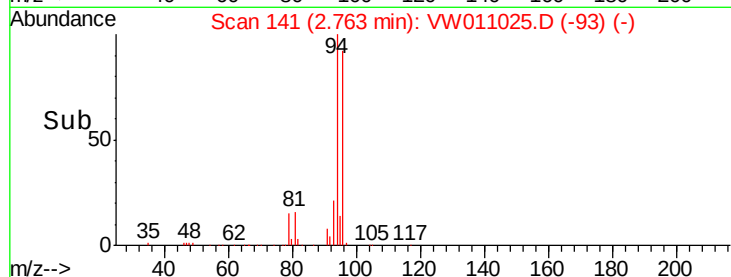
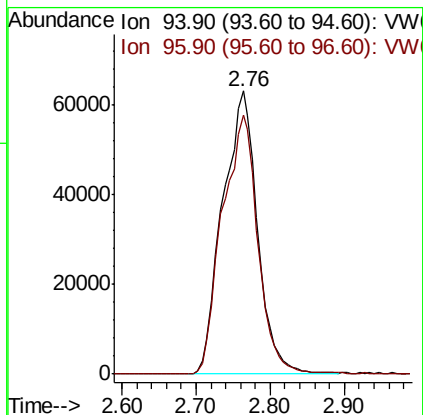
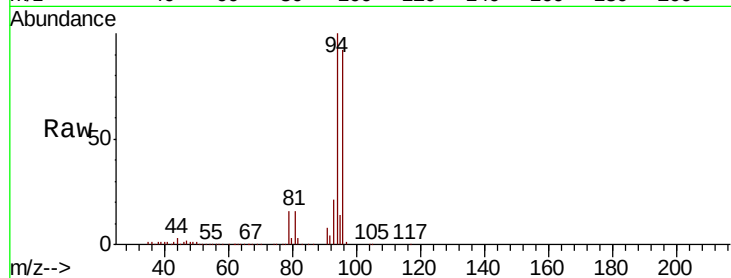
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 94 Resp: 204938

Ion Ratio Lower Upper

94 100

96 91.4 74.2 111.2



#6

Chloroethane

Concen: 135.790 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011025.D

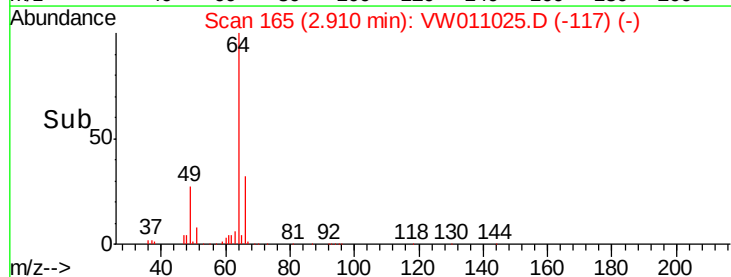
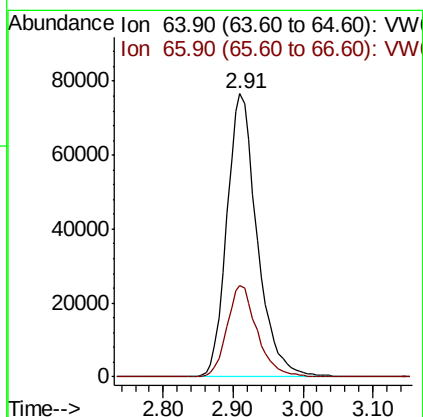
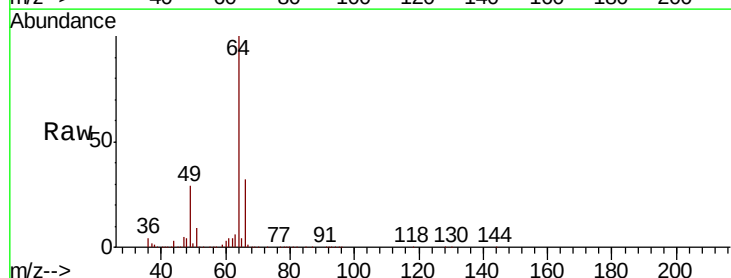
Acq: 27 Jun 2019 17:16

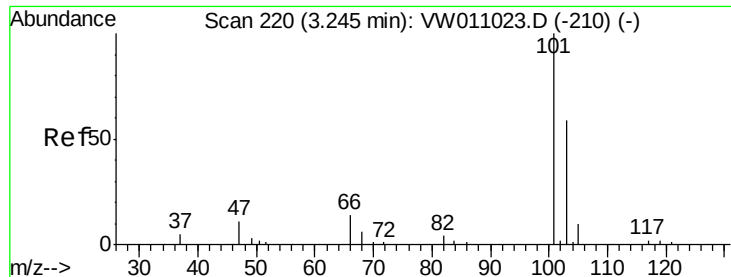
Tgt Ion: 64 Resp: 230134

Ion Ratio Lower Upper

64 100

66 32.4 25.7 38.5



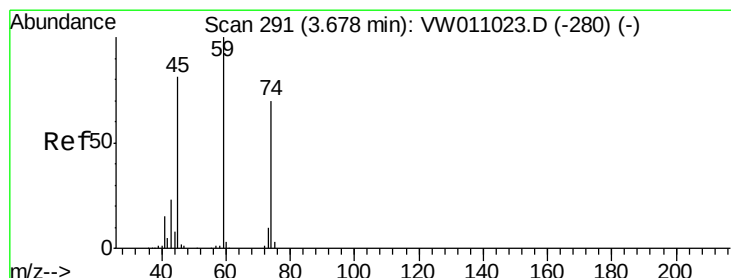
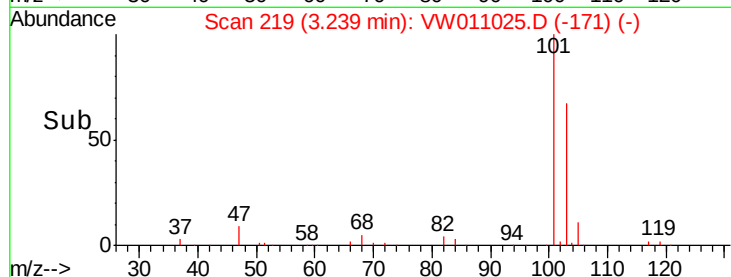
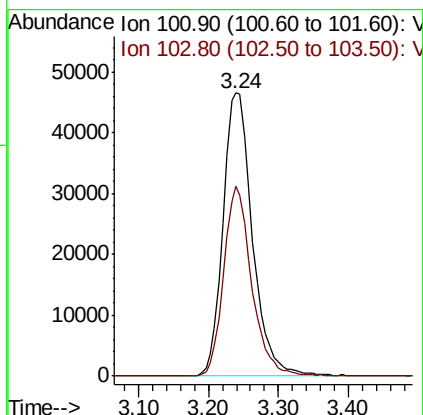
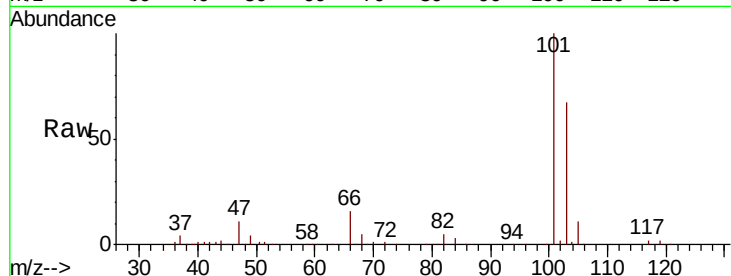


#7

Trichlorofluoromethane
 Concen: 41.587 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Instrument :
 MSVOA_W
 ClientSampleId :

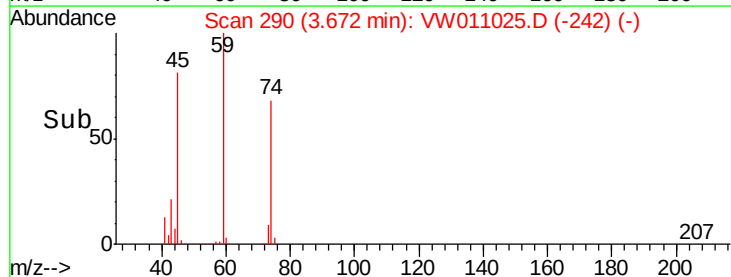
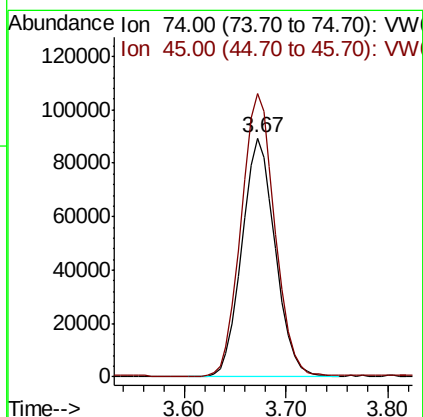
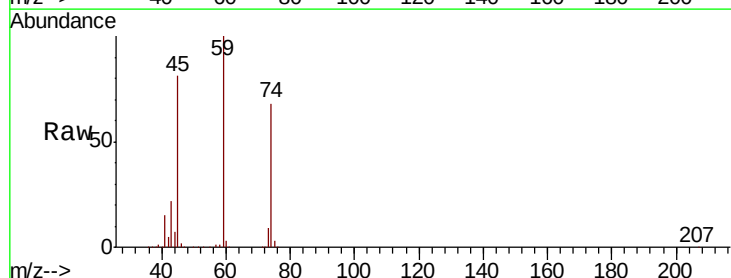
Tot Ion:101 Resp: 135617
 Ion Ratio Lower Upper
 101 100
 103 67.0 47.5 71.3

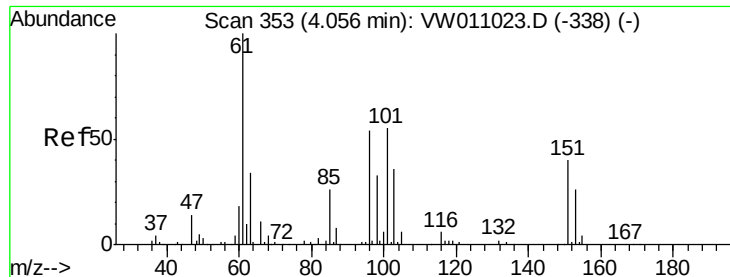


#8

Diethyl Ether
 Concen: 152.693 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Tgt Ion: 74 Resp: 203428
 Ion Ratio Lower Upper
 74 100
 45 119.9 59.5 178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 152.495 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

ClientSampled :

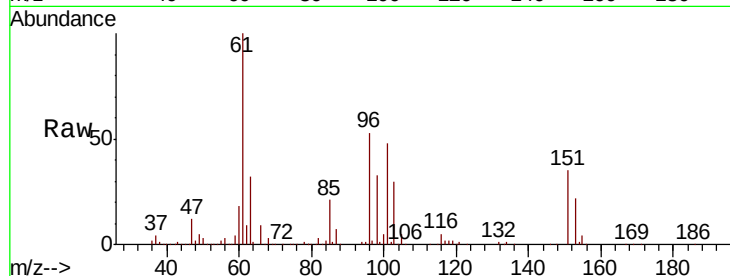
Tot Ion:101 Resp: 350944

Ion Ratio Lower Upper

101 100

85 45.4 36.6 55.0

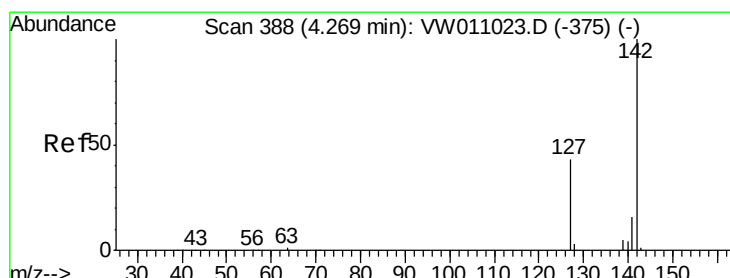
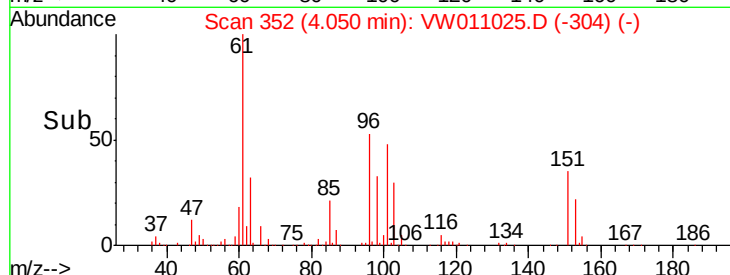
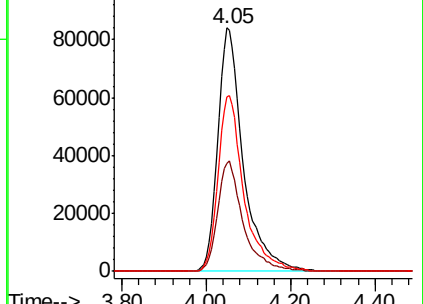
151 73.3 58.9 88.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 231.745 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

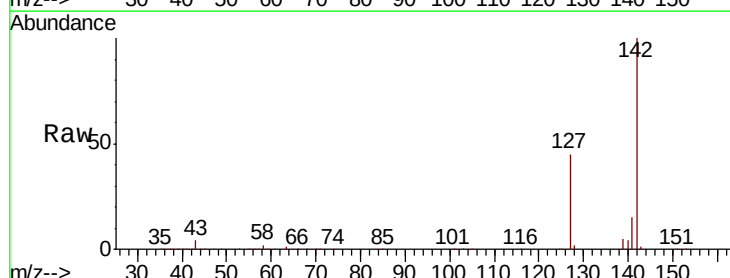
Tgt Ion:142 Resp: 511599

Ion Ratio Lower Upper

142 100

127 44.3 35.8 53.8

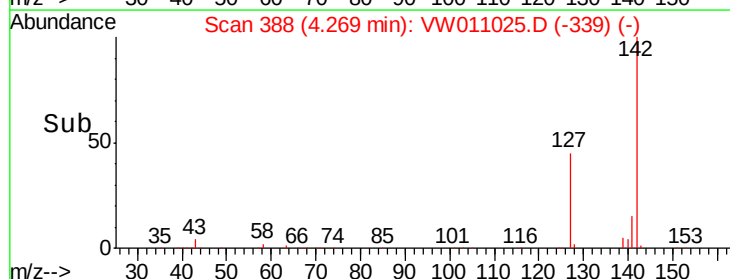
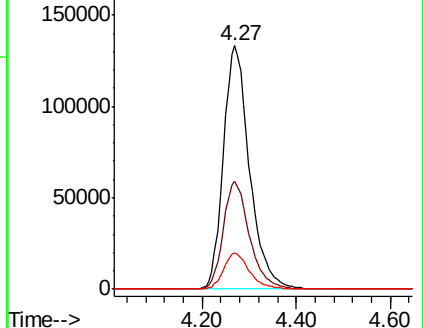
141 14.6 12.2 18.2

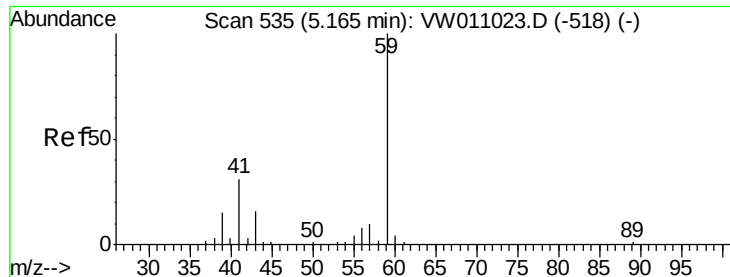


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



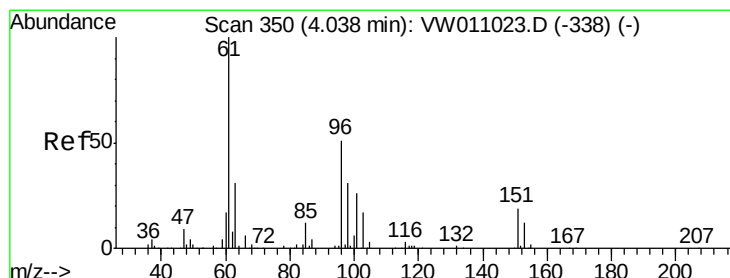
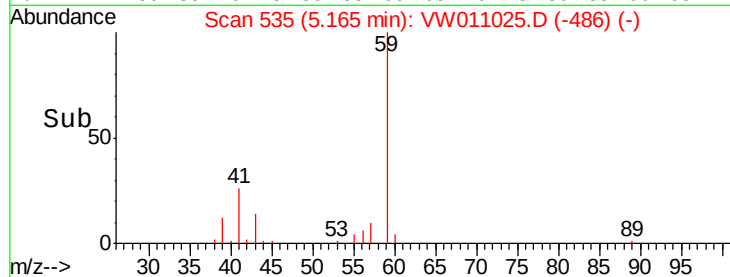
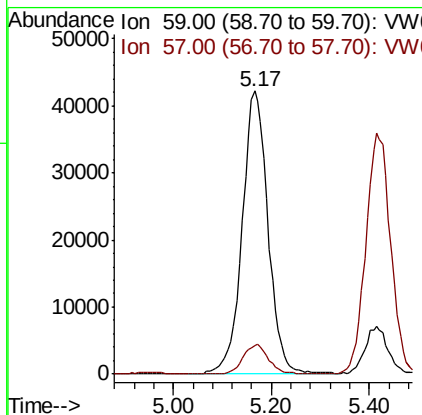
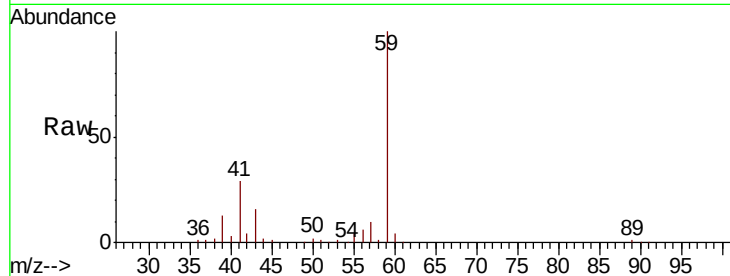


#11

Tert butyl alcohol
 Concen: 712.486 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Instrument :
 MSVOA_W
 ClientSampleId :

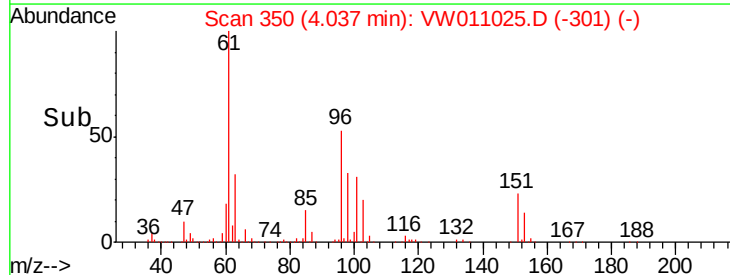
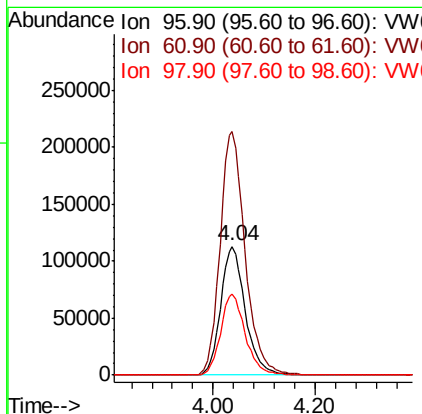
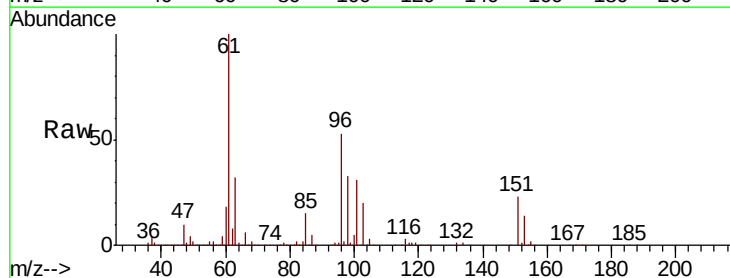
Tot Ion: 59 Resp: 154886
 Ion Ratio Lower Upper
 59 100
 57 10.4 9.0 13.4

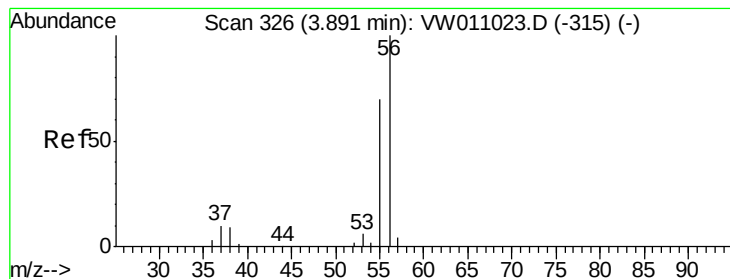


#12

1,1-Dichloroethene
 Concen: 167.108 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Tgt Ion: 96 Resp: 377299
 Ion Ratio Lower Upper
 96 100
 61 189.4 156.0 234.0
 98 63.0 48.7 73.1





#13

Acrolein

Concen: 1091.508 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

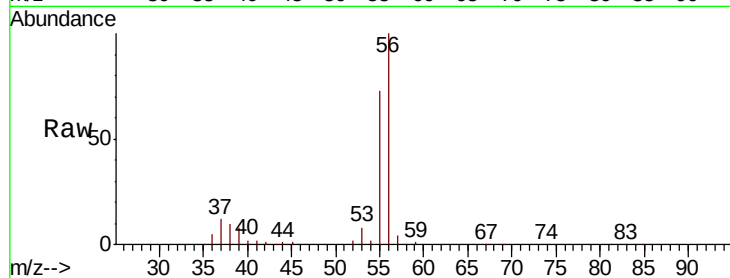
ClientSampleId :

Tot Ion: 56 Resp: 113643

Ion Ratio Lower Upper

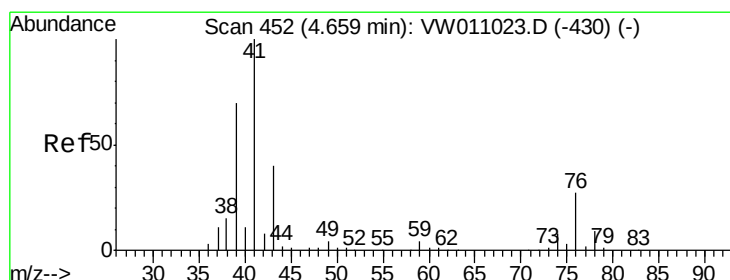
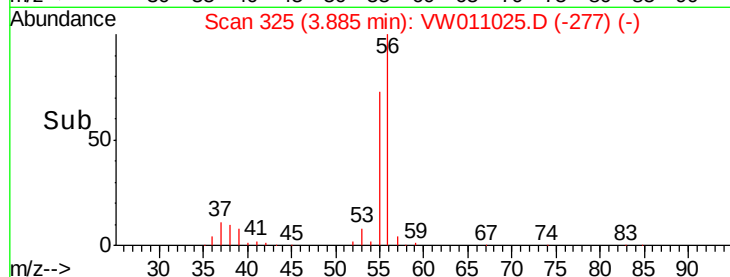
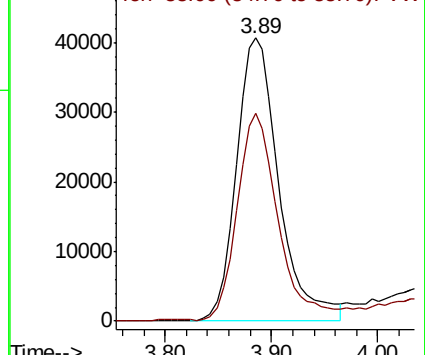
56 100

55 70.6 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 128.187 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

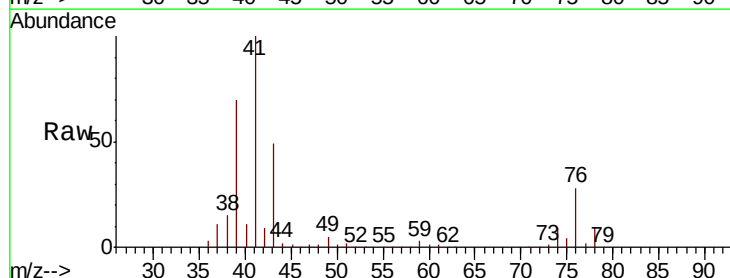
Tgt Ion: 41 Resp: 607059

Ion Ratio Lower Upper

41 100

39 67.9 55.4 83.2

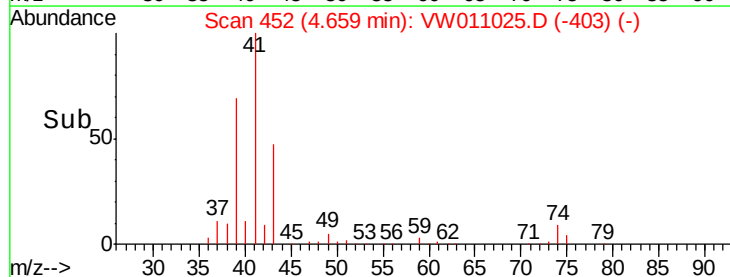
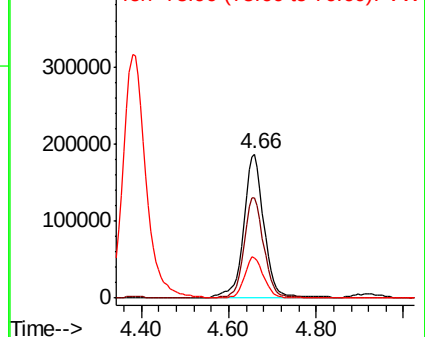
76 26.7 22.0 33.0

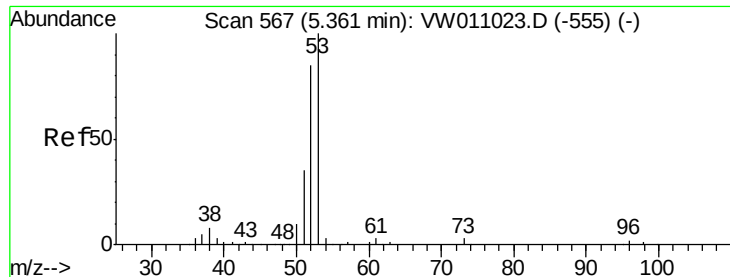


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 782.607 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

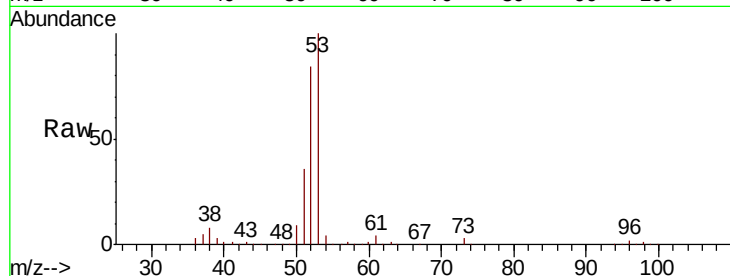
Tot Ion: 53 Resp: 513107

Ion Ratio Lower Upper

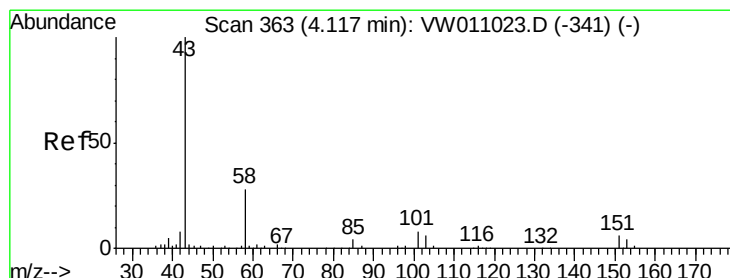
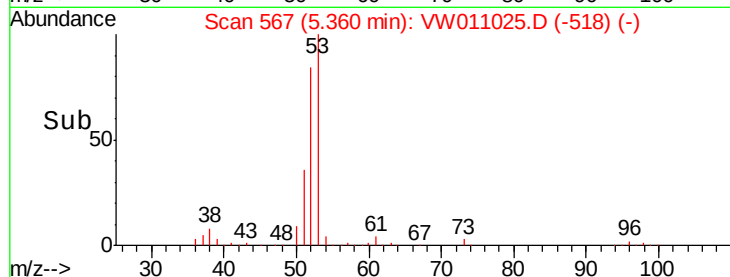
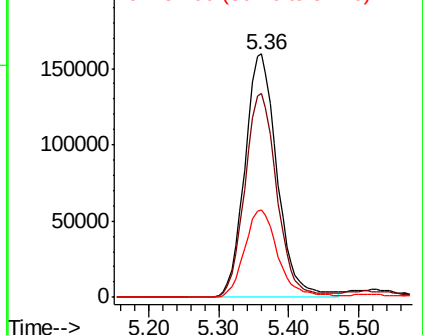
53 100

52 83.1 66.3 99.5

51 37.3 29.8 44.6



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: 746.563 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011025.D

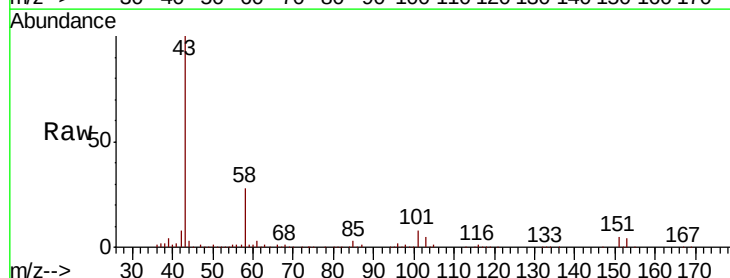
Acq: 27 Jun 2019 17:16

Tgt Ion: 43 Resp: 535625

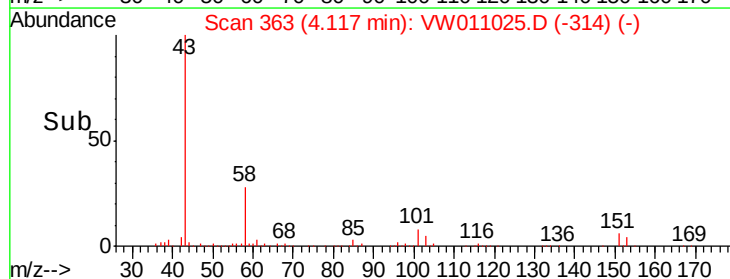
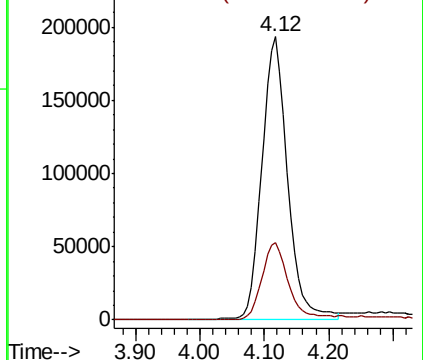
Ion Ratio Lower Upper

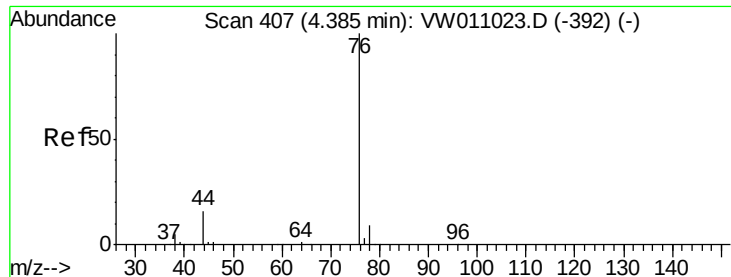
43 100

58 27.4 22.5 33.7



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

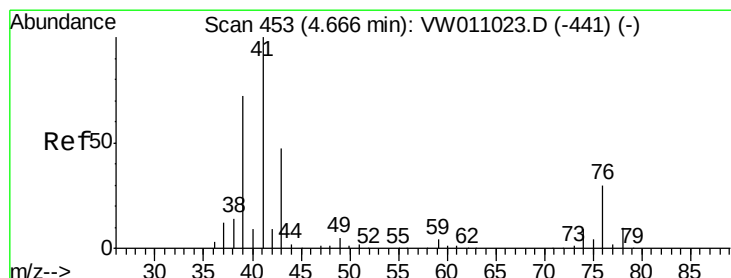
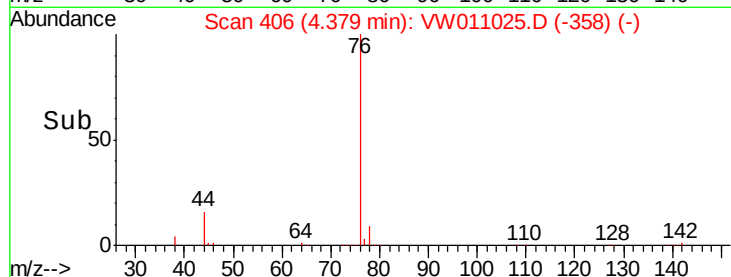
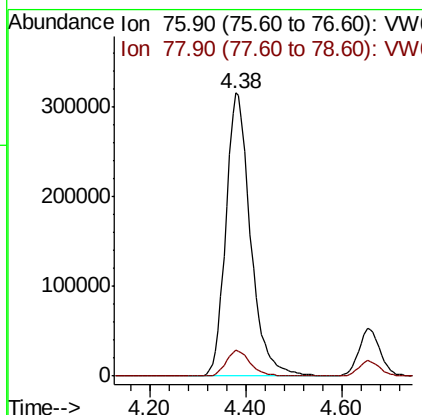
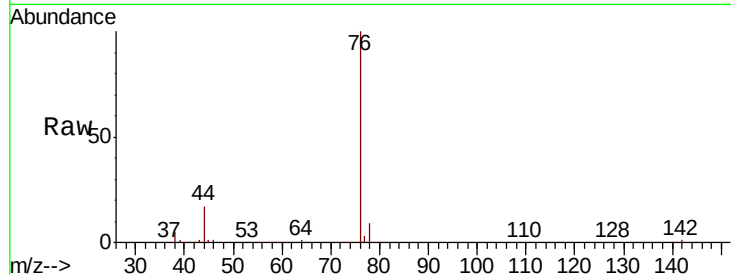




#17
Carbon Disulfide
Concen: 159.113 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

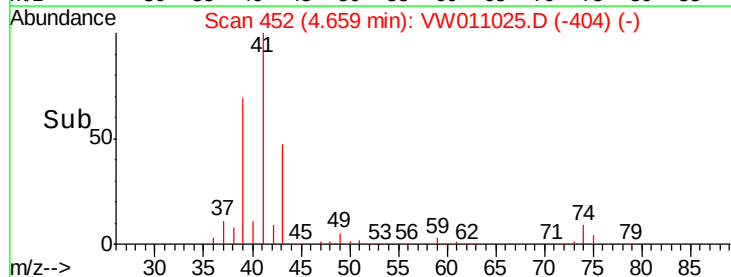
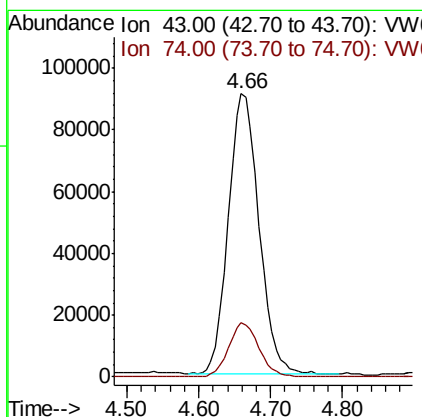
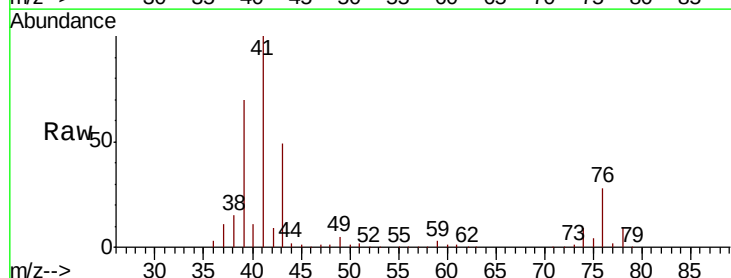
Instrument :
MSVOA_W
ClientSampleId :

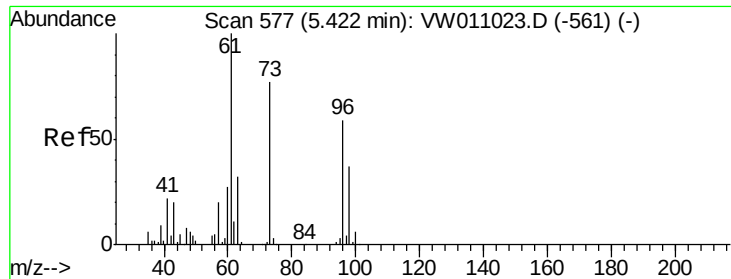
Tot Ion: 76 Resp: 1126528
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 168.295 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 43 Resp: 267715
Ion Ratio Lower Upper
43 100
74 19.1 15.8 23.8

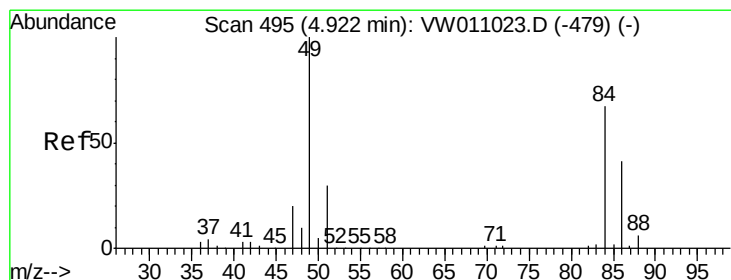
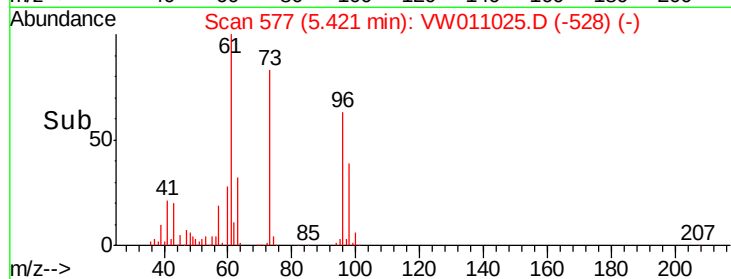
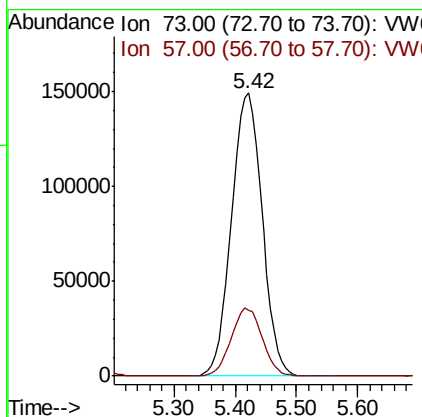
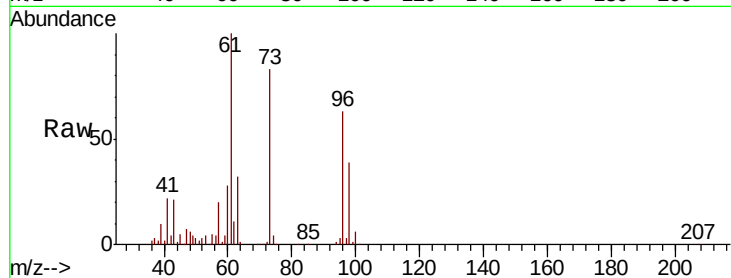




#19
Methyl tert-butyl Ether
Concen: 87.562 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

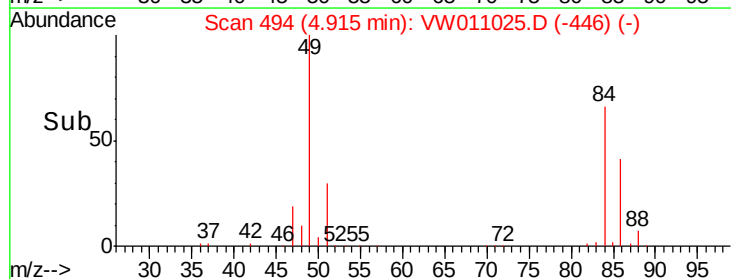
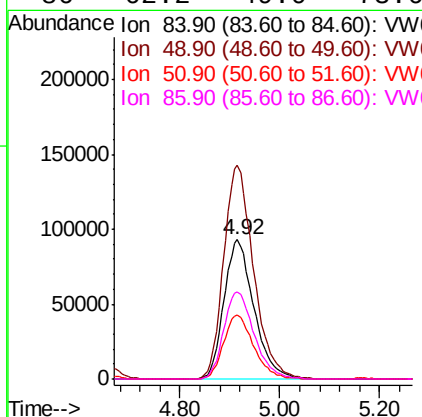
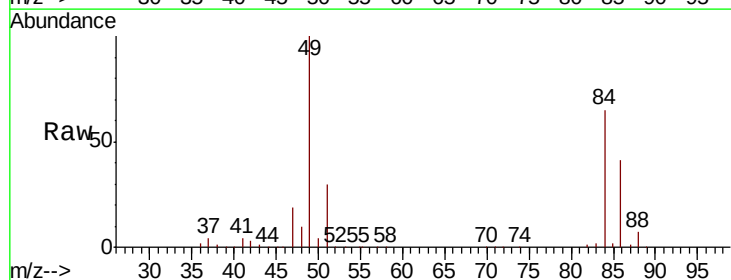
Instrument :
MSVOA_W
ClientSampled :

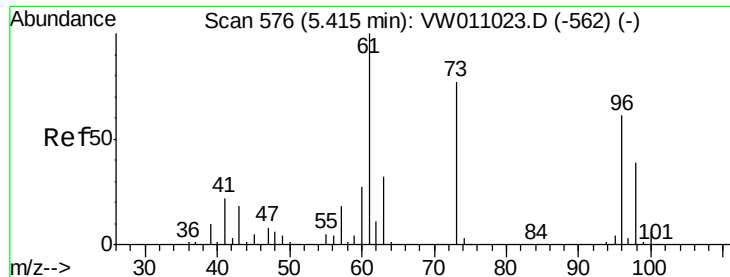
Tot Ion: 73 Resp: 517933
Ion Ratio Lower Upper
73 100
57 23.5 20.8 31.2



#20
Methylene Chloride
Concen: 150.832 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 84 Resp: 386975
Ion Ratio Lower Upper
84 100
49 153.3 119.6 179.4
51 46.0 35.6 53.4
86 62.2 49.0 73.6





#21

trans-1,2-Dichloroethene

Concen: 153.923 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

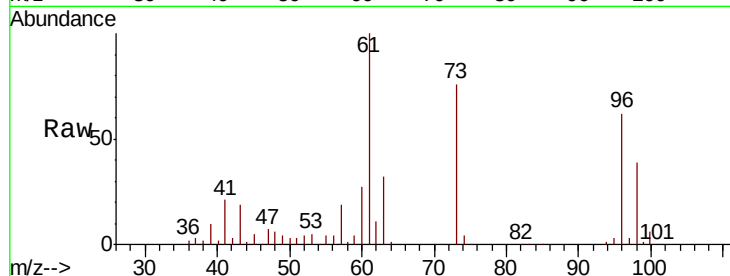
Tot Ion: 96 Resp: 386364

Ion Ratio Lower Upper

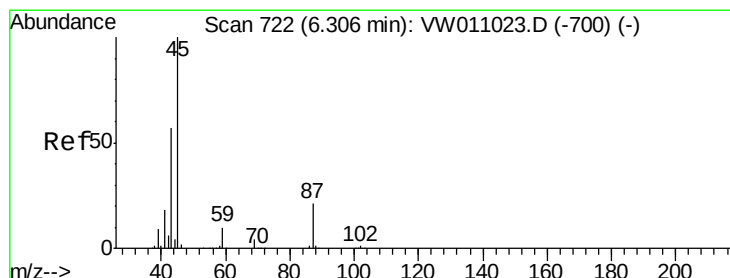
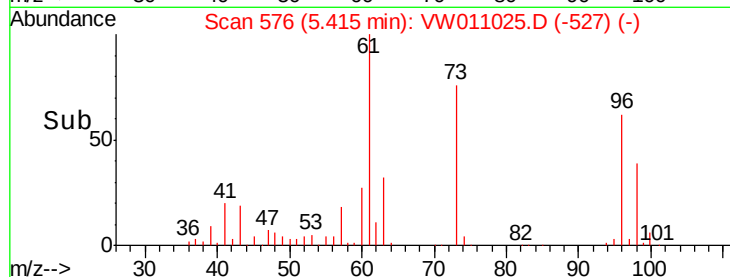
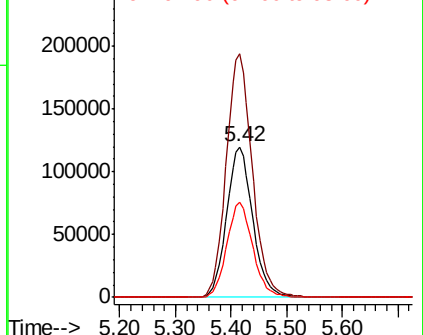
96 100

61 161.5 131.0 196.4

98 63.0 50.8 76.2



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



#22

Diisopropyl ether

Concen: 148.745 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Tgt Ion: 45 Resp: 1448478

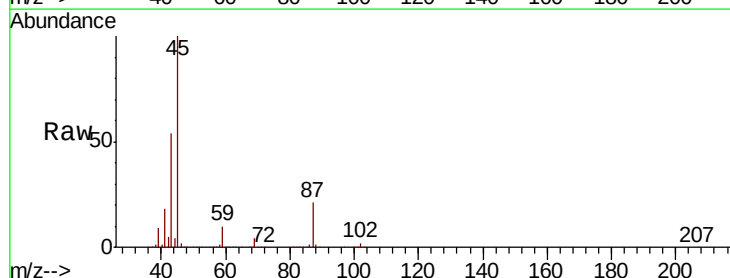
Ion Ratio Lower Upper

45 100

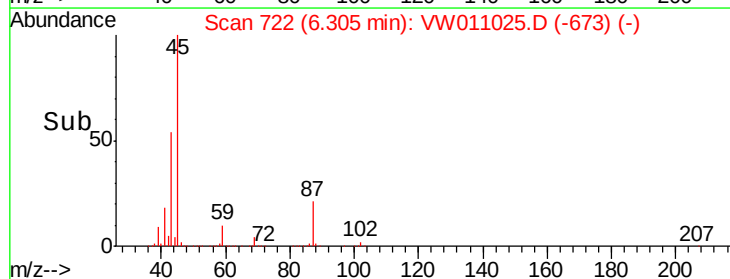
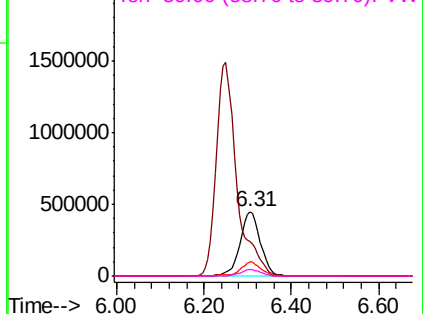
43 53.6 45.8 68.6

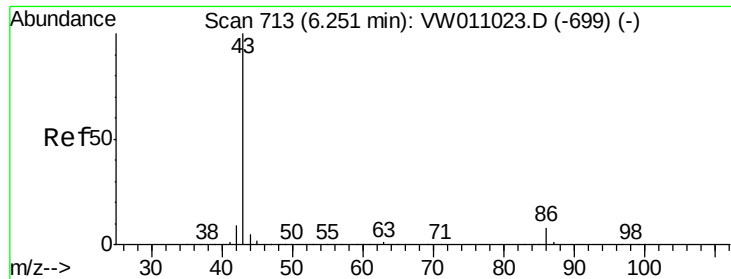
87 21.4 17.1 25.7

59 10.0 8.2 12.4



Abundance Ion 45.00 (44.70 to 45.70): VW
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: 815.538 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

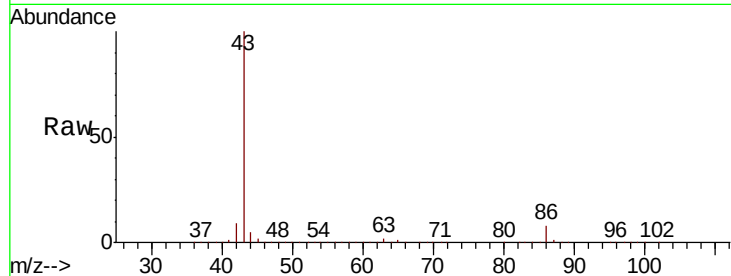
ClientSampleId :

Tot Ion: 43 Resp: 4831513

Ion Ratio Lower Upper

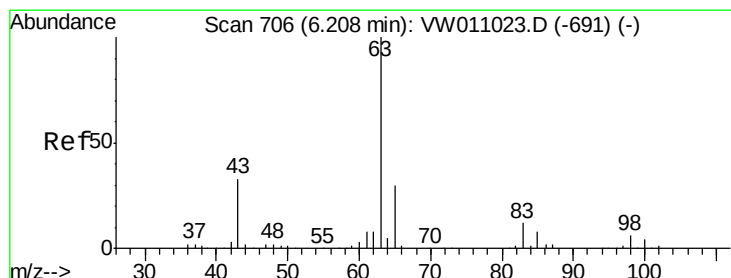
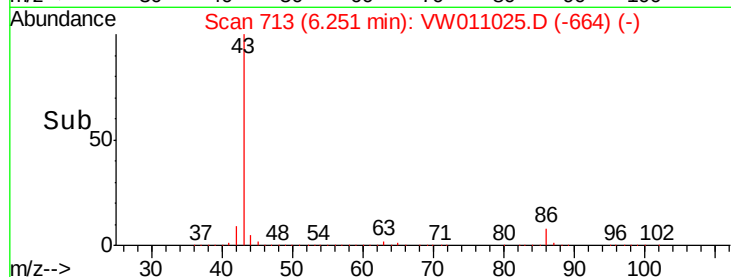
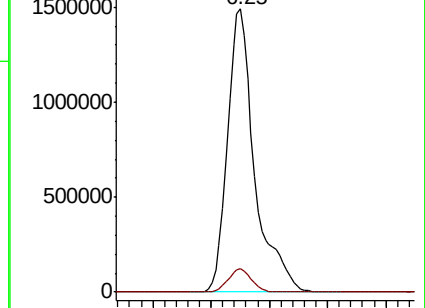
43 100

86 8.3 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 156.345 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

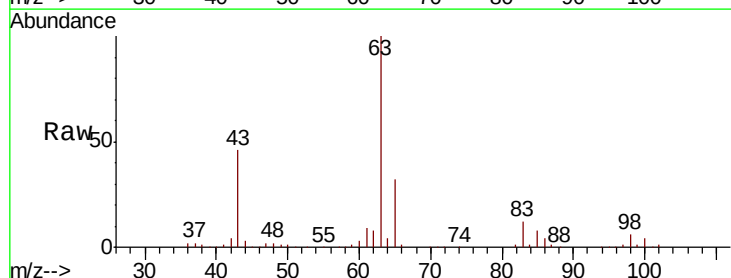
Tgt Ion: 63 Resp: 769710

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

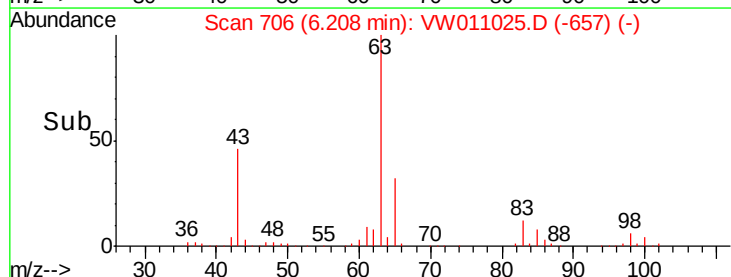
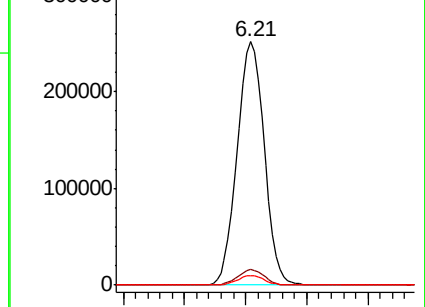
100 4.0 2.1 6.2

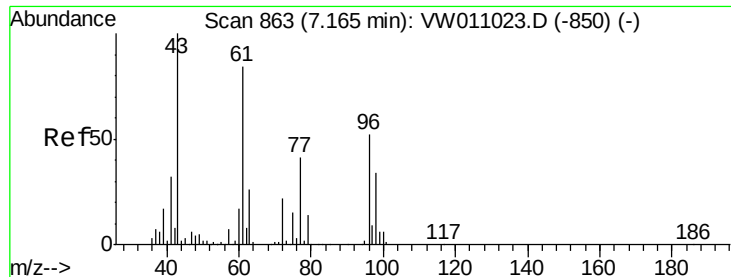


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 824.654 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

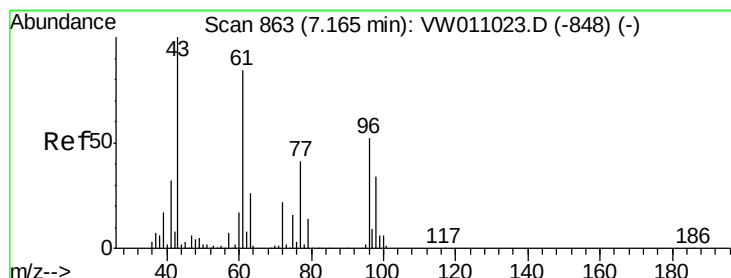
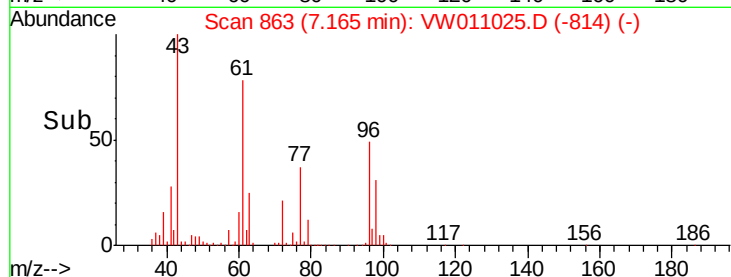
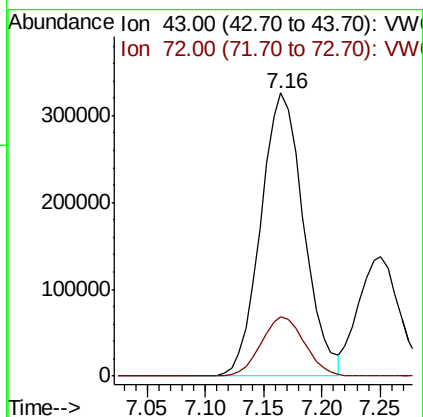
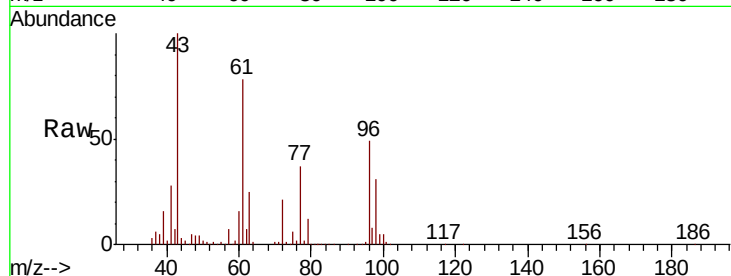
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 832958

Ion Ratio Lower Upper

43 100

72 21.1 17.2 25.8



#26

2,2-Dichloropropane

Concen: 94.512 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011025.D

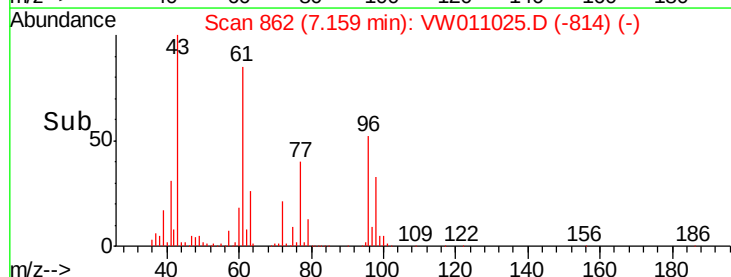
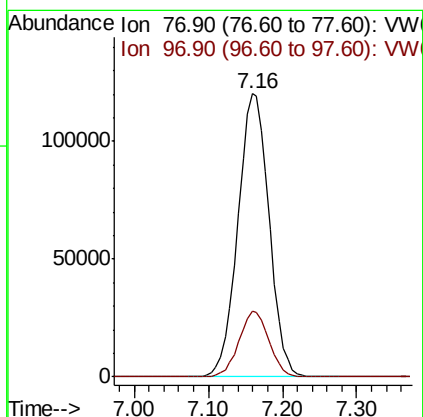
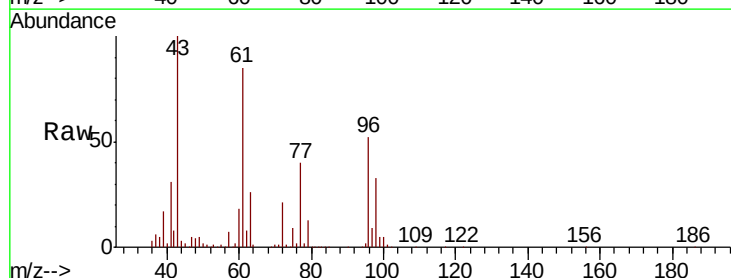
Acq: 27 Jun 2019 17:16

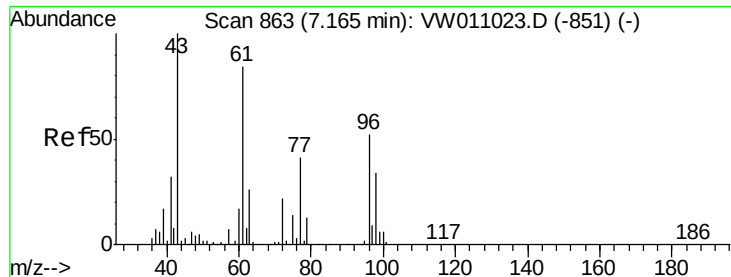
Tgt Ion: 77 Resp: 352970

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.7



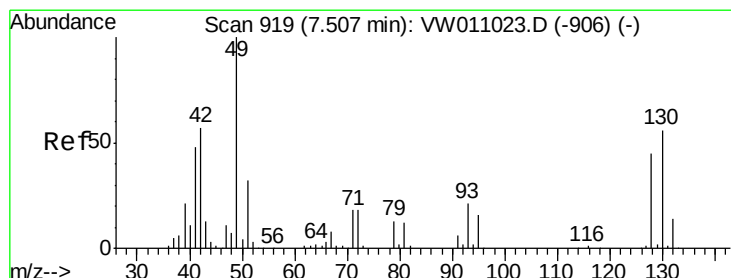
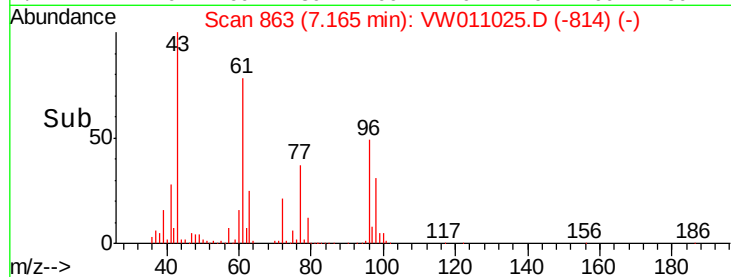
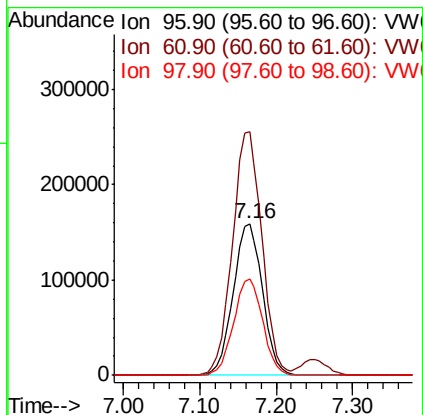
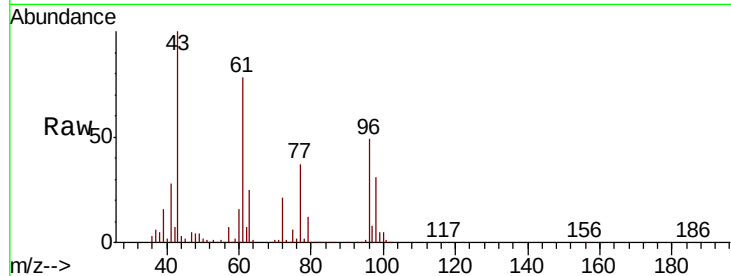


#27

cis-1,2-Dichloroethene
Concen: 152.470 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Instrument :
MSVOA_W
ClientSampleId :

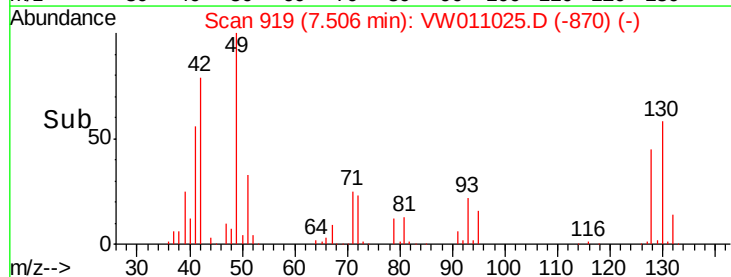
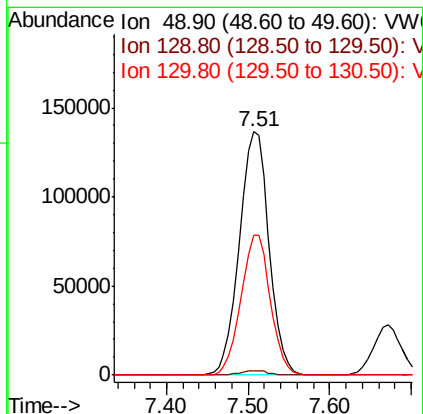
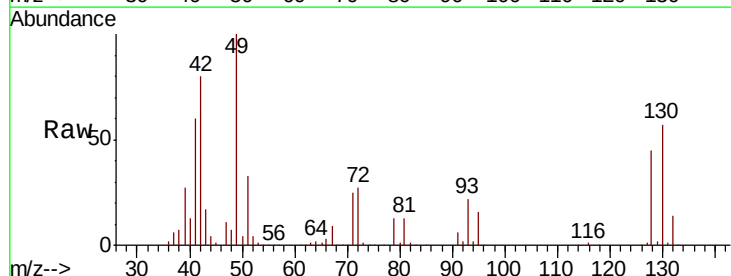
Tot Ion	Ratio	Lower	Upper
96	100		
61	162.2	0.0	330.4
98	63.3	0.0	129.4

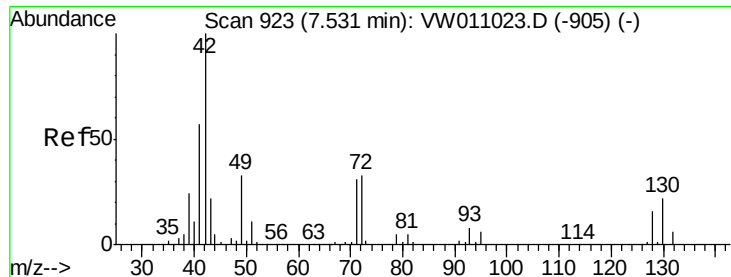


#28

Bromochloromethane
Concen: 152.811 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	57.0	46.1	69.1

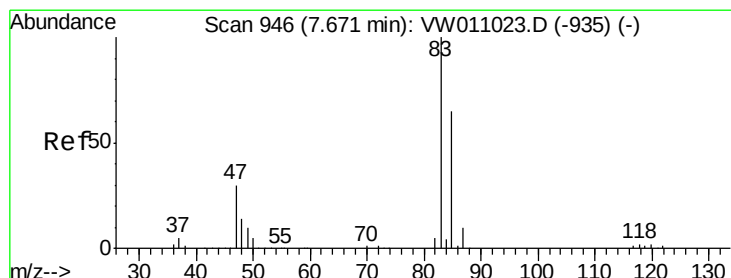
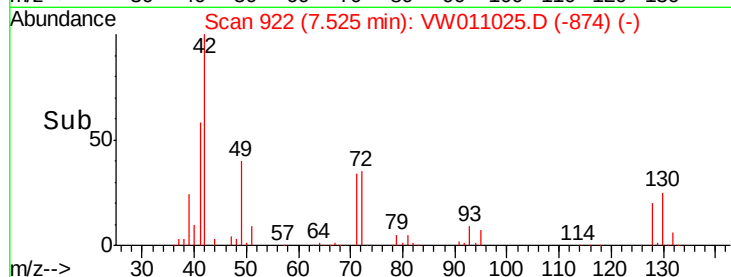
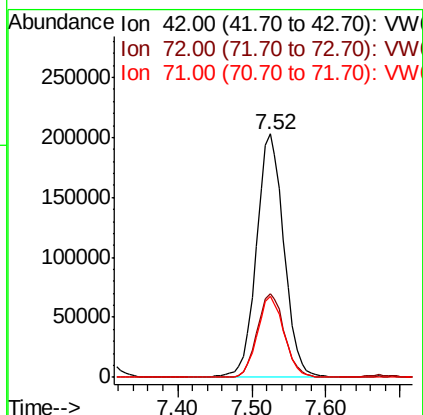
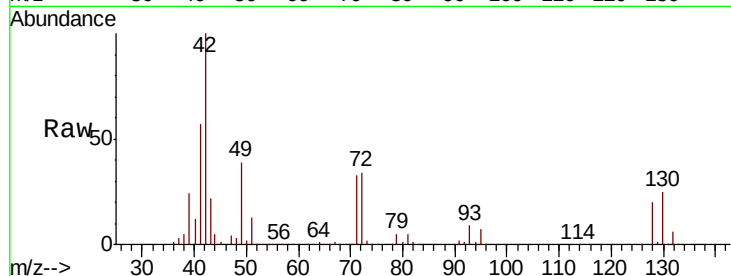




#29
Tetrahydrofuran
Concen: 815.795 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

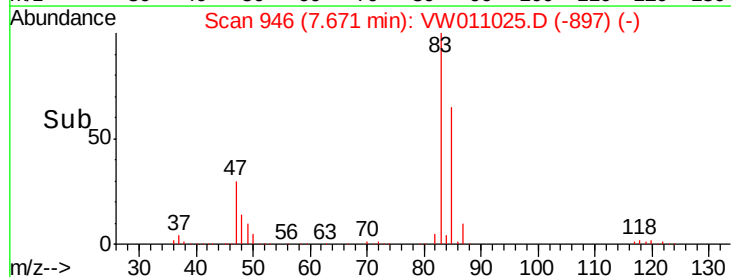
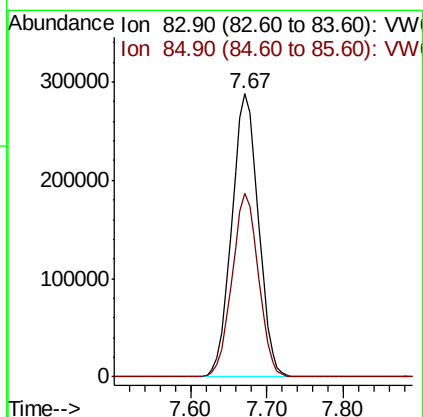
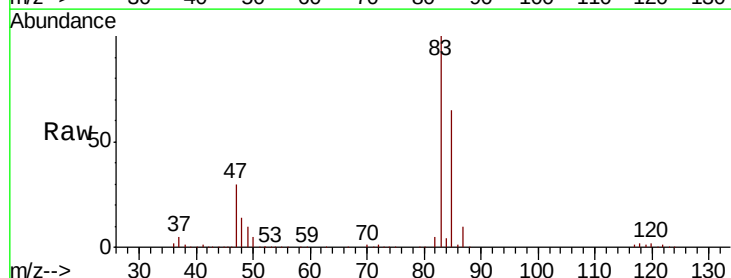
Instrument :
MSVOA_W
ClientSampled :

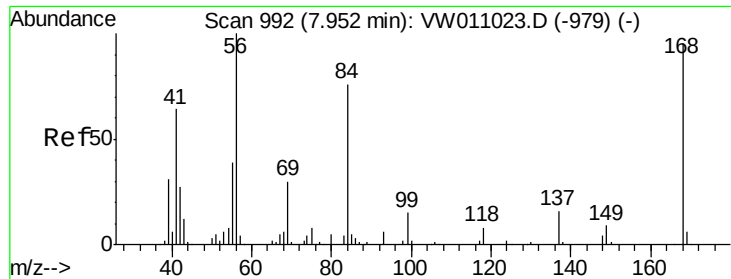
Tot Ion	Ratio	Lower	Upper
42	100		
72	34.3	27.4	41.0
71	32.6	25.6	38.4



#30
Chloroform
Concen: 153.976 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.2	78.4

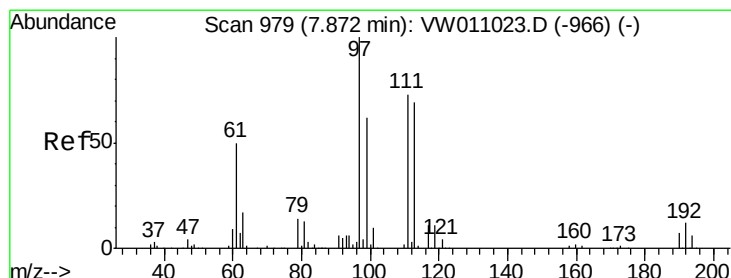
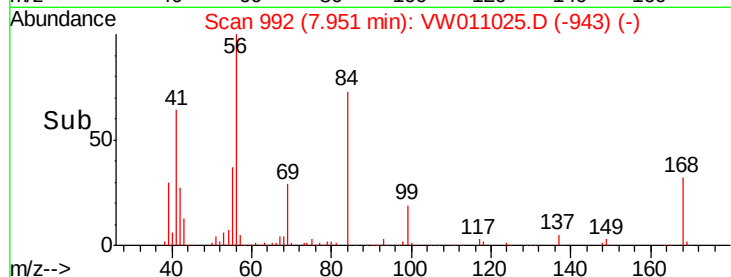
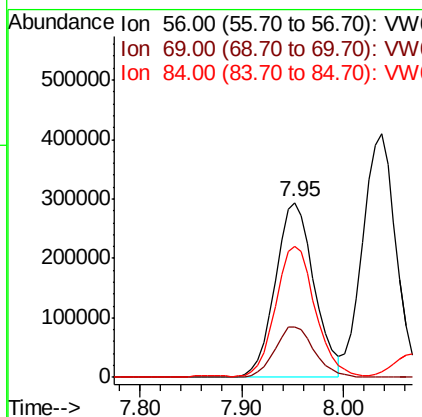
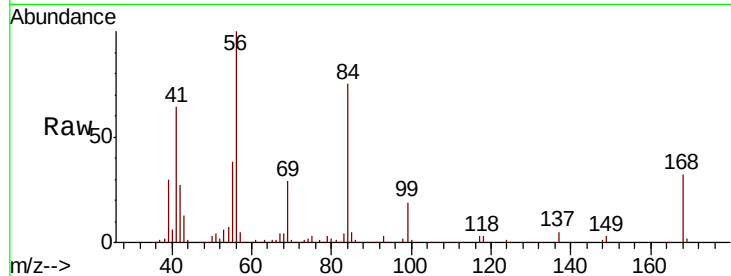




#31
Cyclohexane
Concen: 142.147 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

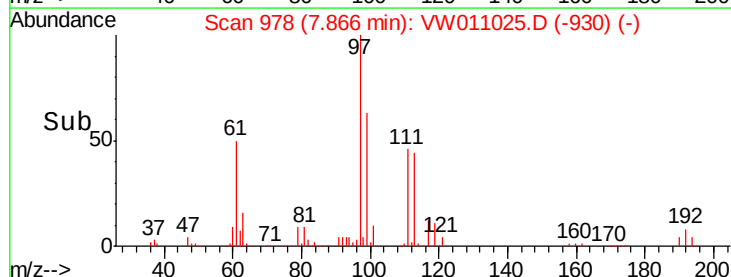
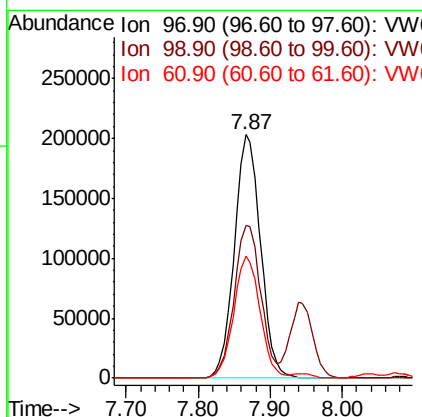
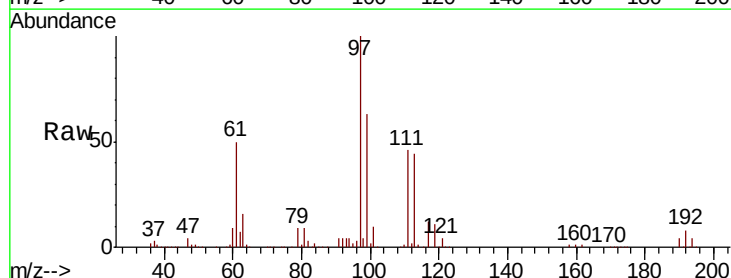
Instrument :
MSVOA_W
ClientSampled :

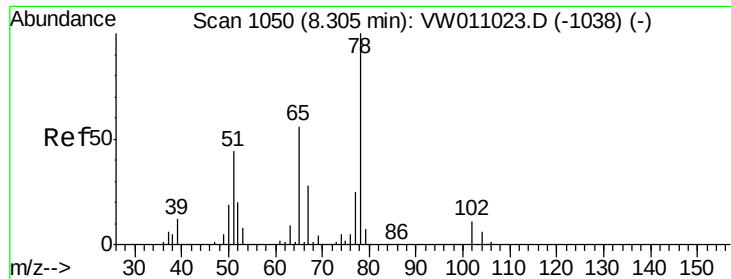
Tot Ion	56	Resp	773977
Ion Ratio	Lower	Upper	
56	100		
69	28.8	24.2	36.2
84	74.4	60.6	90.8



#32
1,1,1-Trichloroethane
Concen: 133.578 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion	97	Resp	512335
Ion Ratio	Lower	Upper	
97	100		
99	64.1	51.1	76.7
61	50.6	41.4	62.2

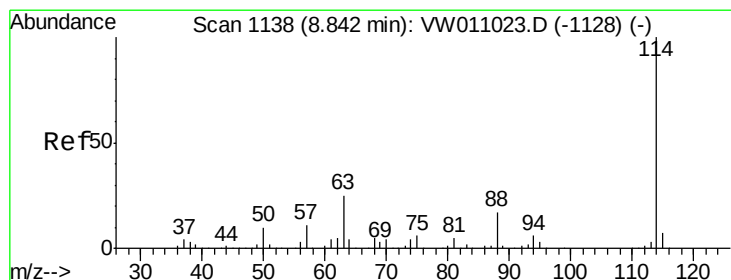
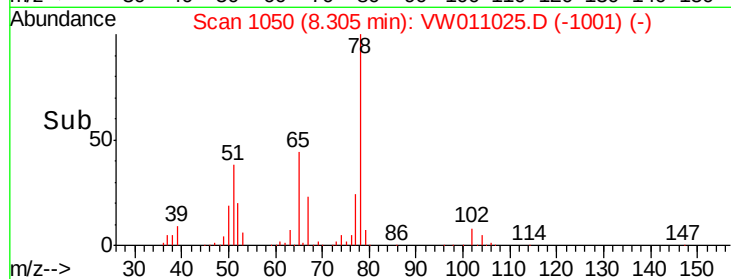
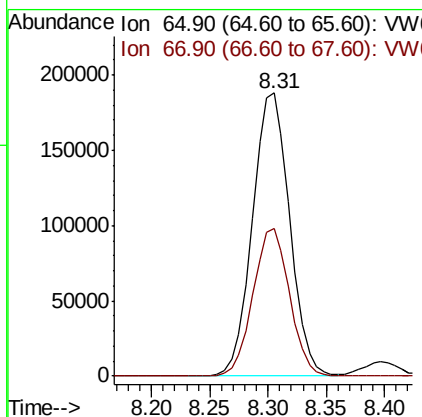
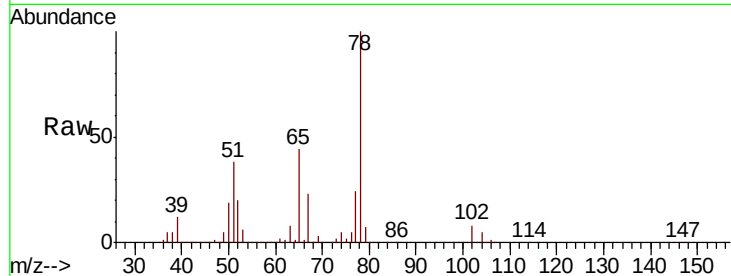




#33
 1,2-Dichloroethane-d4
 Concen: 149.950 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

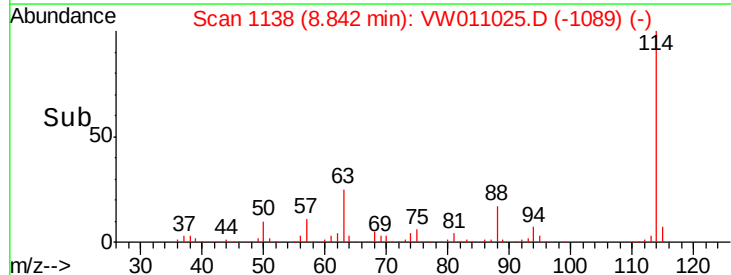
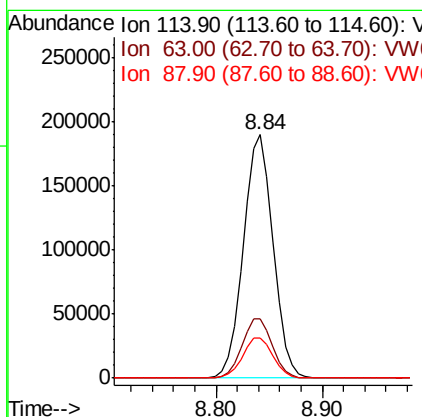
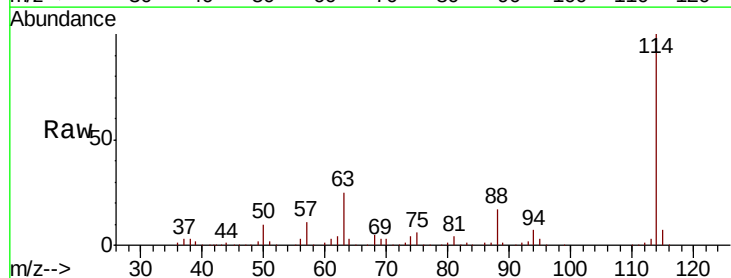
Instrument :
 MSVOA_W
 ClientSampleId :

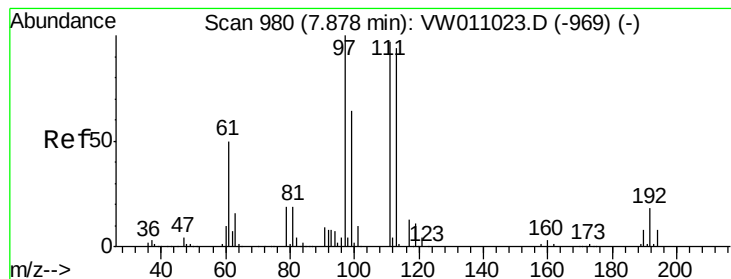
Tot Ion: 65 Resp: 418721
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Tgt Ion: 114 Resp: 371391
 Ion Ratio Lower Upper
 114 100
 63 24.5 0.0 50.6
 88 16.6 0.0 34.0





#35

Dibromofluoromethane

Concen: 156.500 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

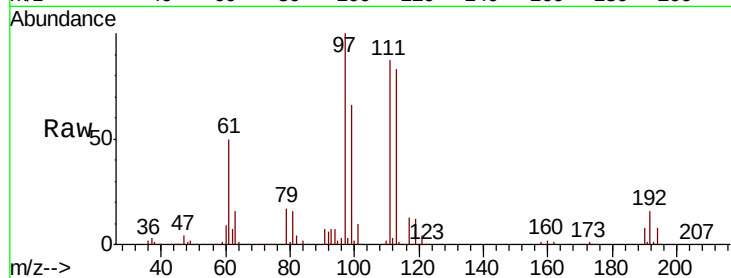
Tot Ion:113 Resp: 328146

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 19.7 16.0 24.0

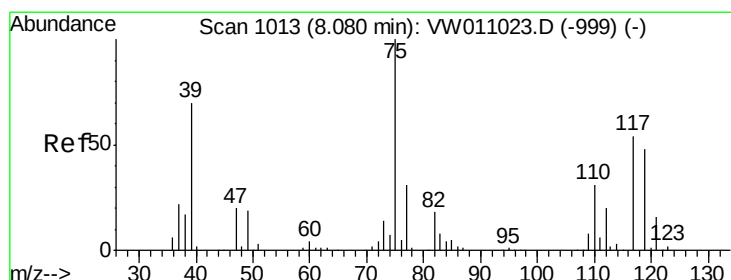
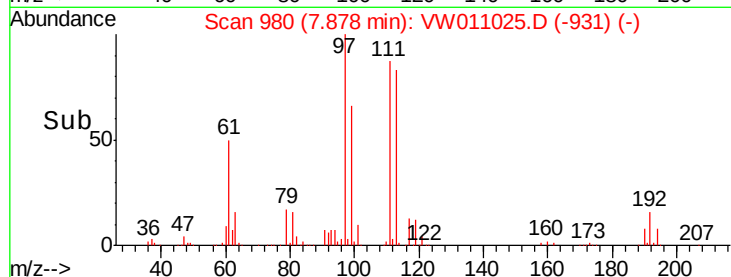
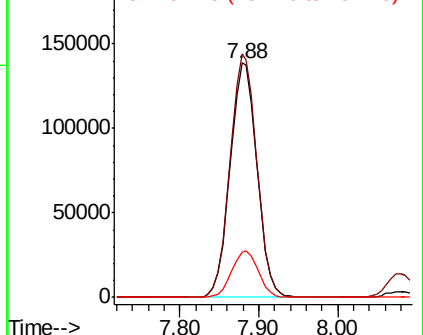


Abundance

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: 151.355 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

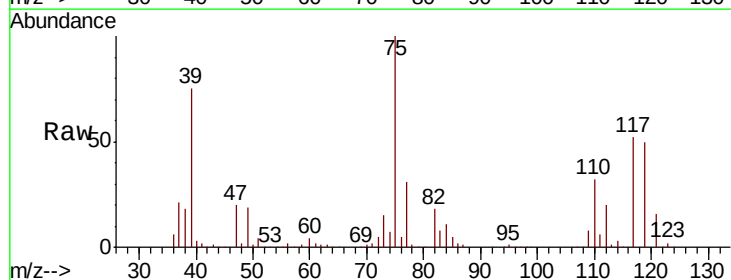
Tgt Ion: 75 Resp: 581360

Ion Ratio Lower Upper

75 100

110 31.1 15.5 46.5

77 30.6 24.9 37.3

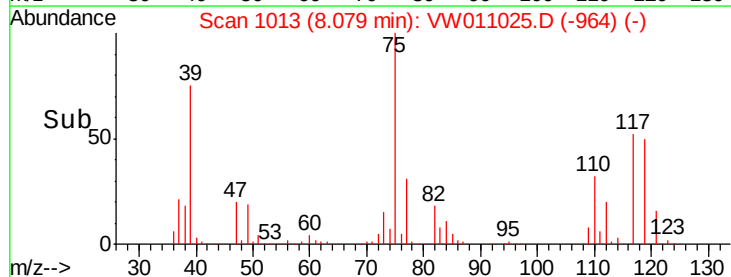
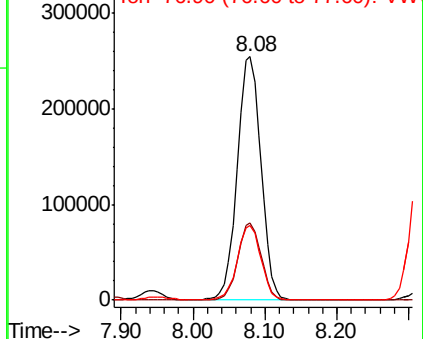


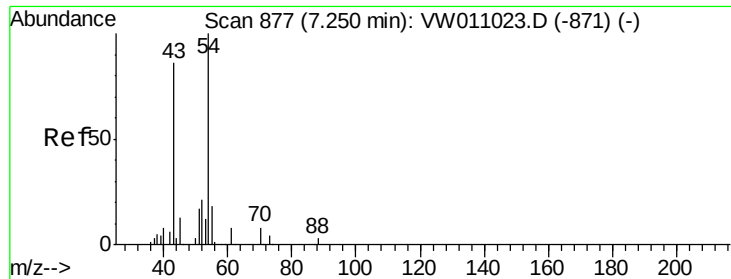
Abundance

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

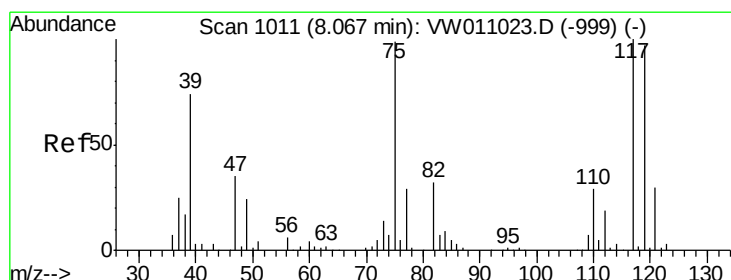
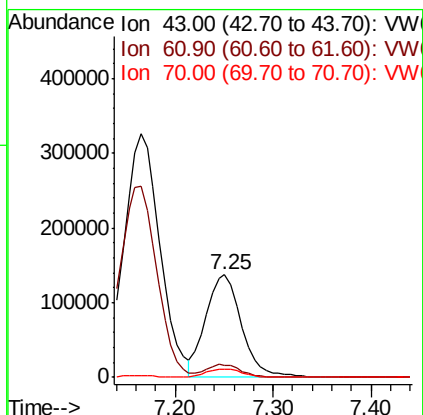
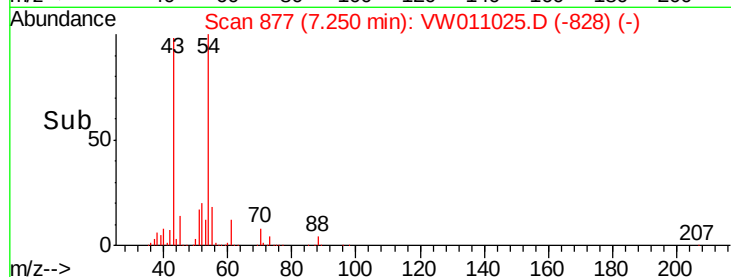
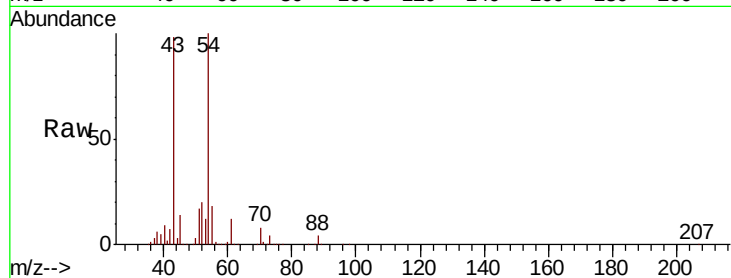




#37
Ethyl Acetate
Concen: 160.874 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

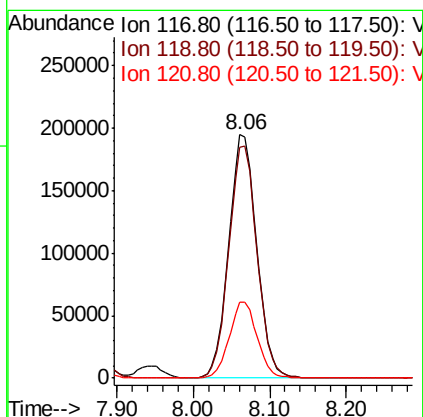
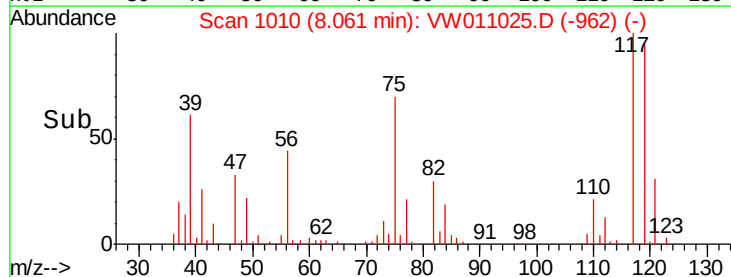
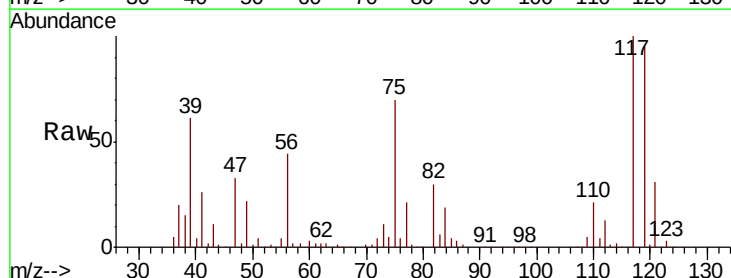
Instrument :
MSVOA_W
ClientSampleId :

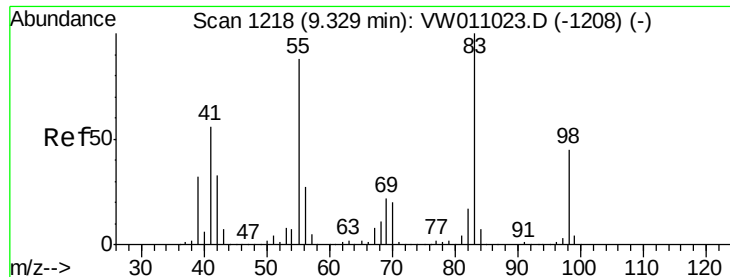
Tot Ion: 43 Resp: 347303
Ion Ratio Lower Upper
43 100
61 11.8 9.0 13.4
70 8.6 7.2 10.8



#38
Carbon Tetrachloride
Concen: 150.087 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 117 Resp: 492879
Ion Ratio Lower Upper
117 100
119 94.6 77.7 116.5
121 31.2 23.9 35.9

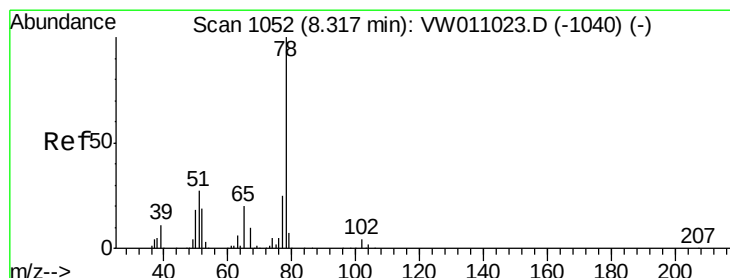
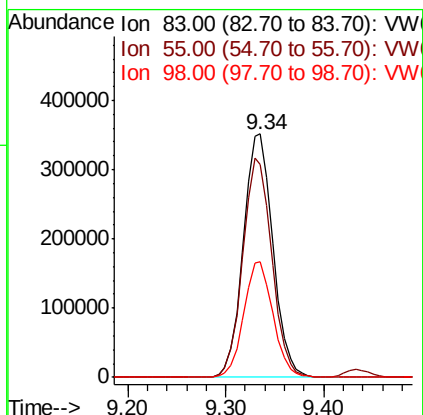
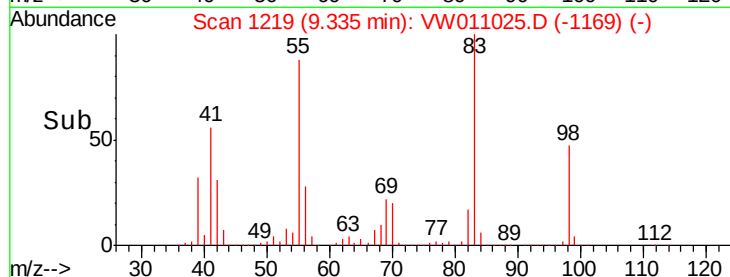
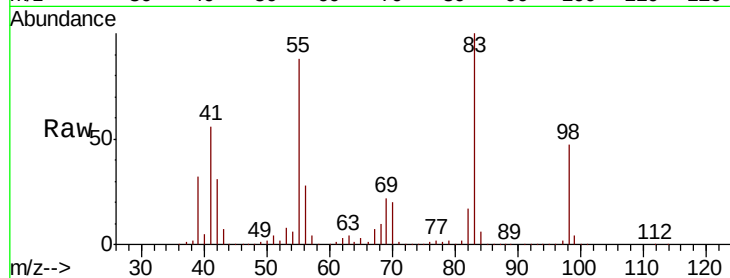




#39
Methylvlcyclohexane
Concen: 152.064 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.01 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

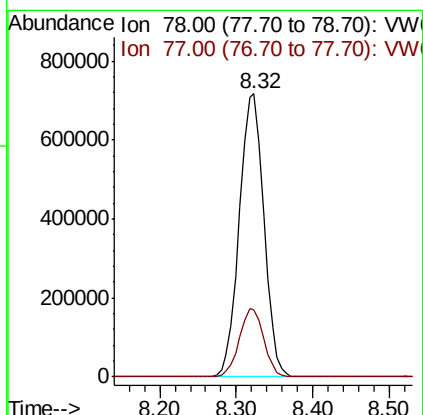
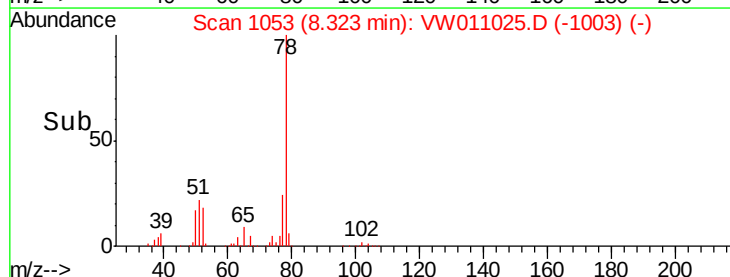
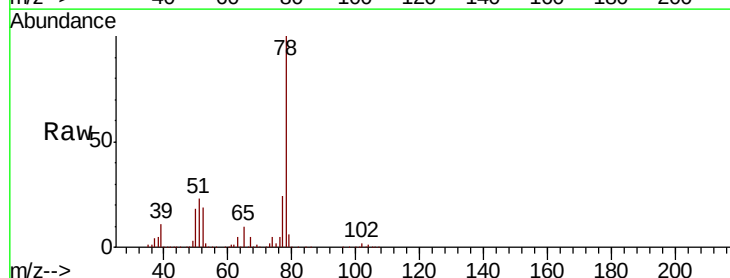
Instrument :
MSVOA_W
ClientSampleId :

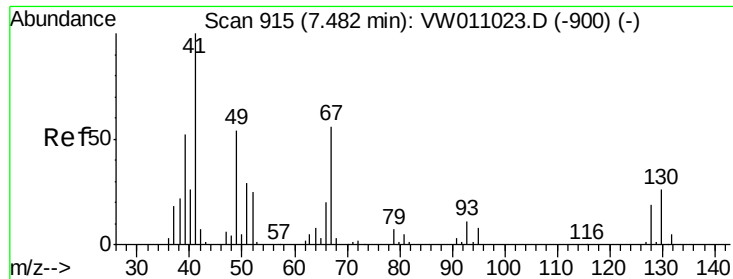
Tot Ion: 83 Resp: 736665
Ion Ratio Lower Upper
83 100
55 87.6 70.7 106.1
98 47.4 36.4 54.6



#40
Benzene
Concen: 152.091 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 78 Resp: 1596810
Ion Ratio Lower Upper
78 100
77 23.7 19.7 29.5





#41

Methacrylonitrile

Concen: 175.216 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 41 Resp: 225934

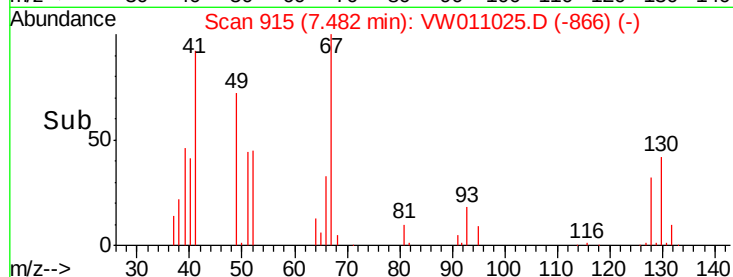
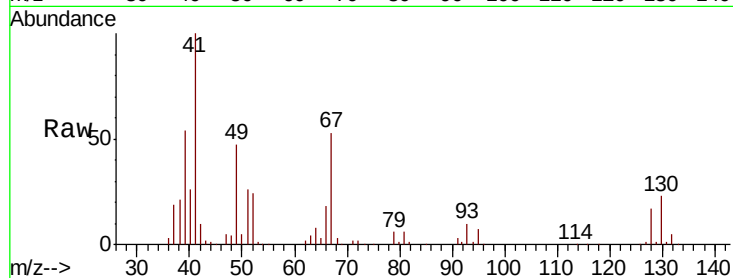
Ion Ratio Lower Upper

41 100

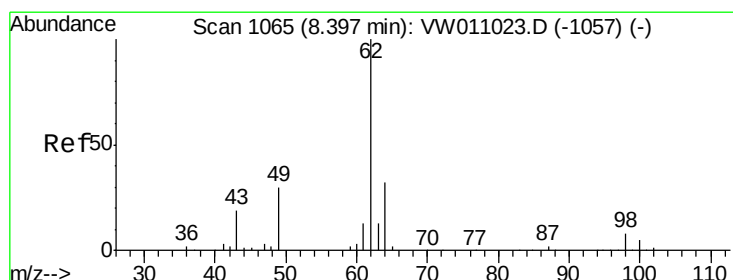
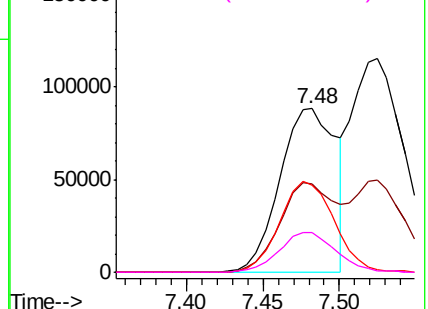
39 53.3 42.1 63.1

67 53.9 44.2 66.2

52 24.7 21.0 31.6



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: 156.667 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW011025.D

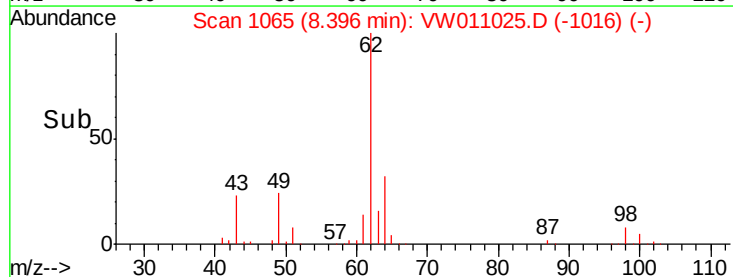
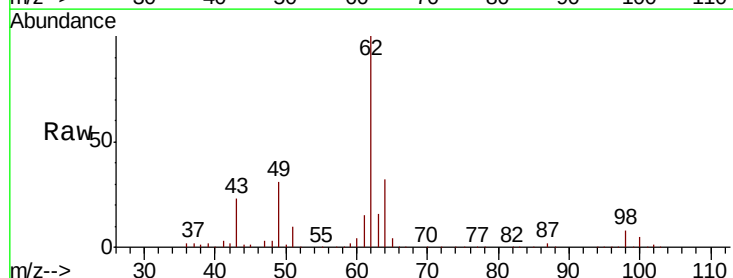
Acq: 27 Jun 2019 17:16

Tgt Ion: 62 Resp: 523965

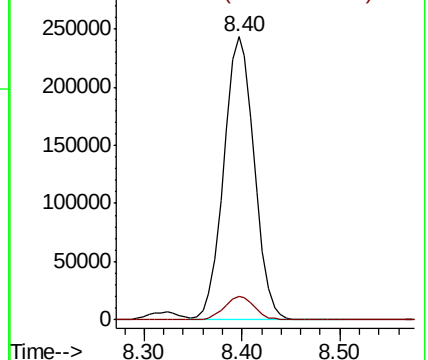
Ion Ratio Lower Upper

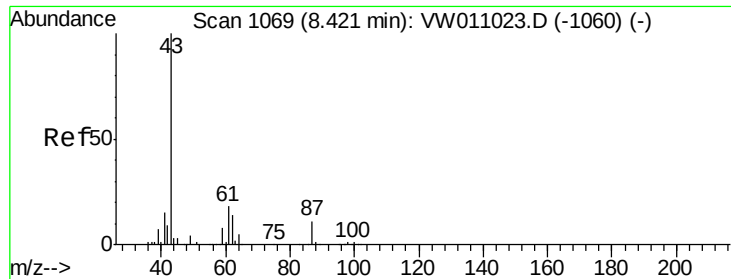
62 100

98 8.1 0.0 16.8



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





#43

Isopropyl Acetate

Concen: 165.168 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

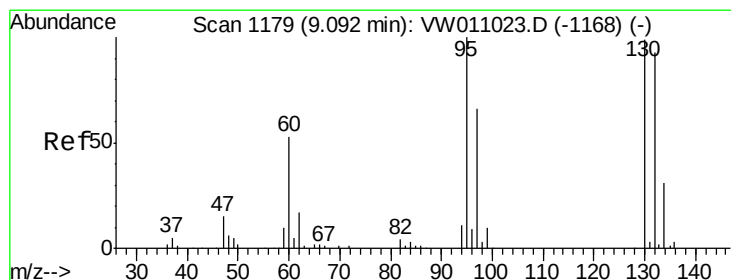
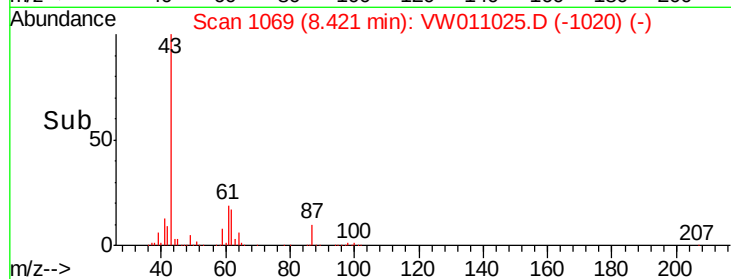
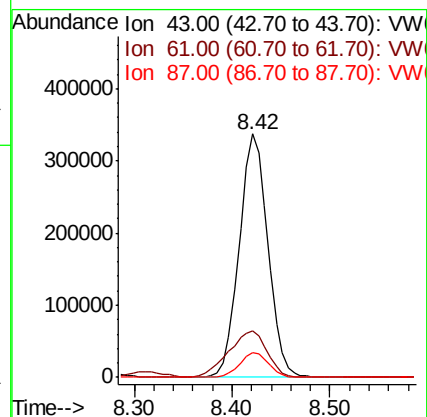
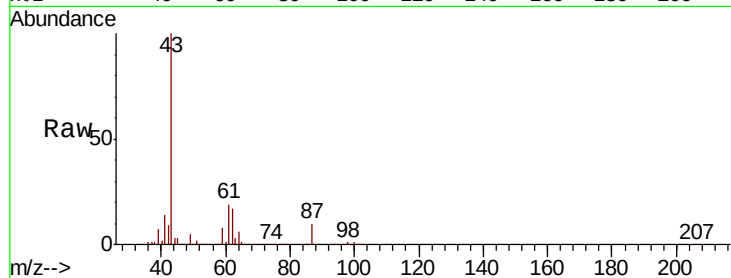
Tot Ion: 43 Resp: 684244

Ion Ratio Lower Upper

43 100

61 25.7 21.0 31.6

87 10.2 8.2 12.4



#44

Trichloroethene

Concen: 149.960 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011025.D

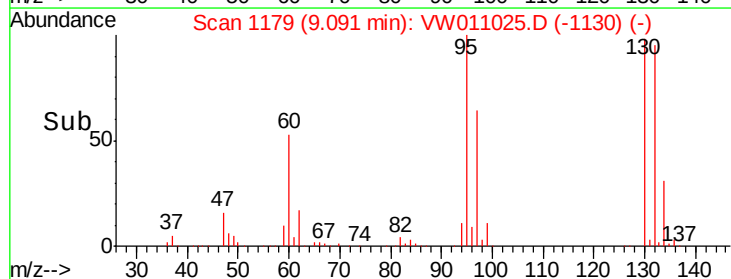
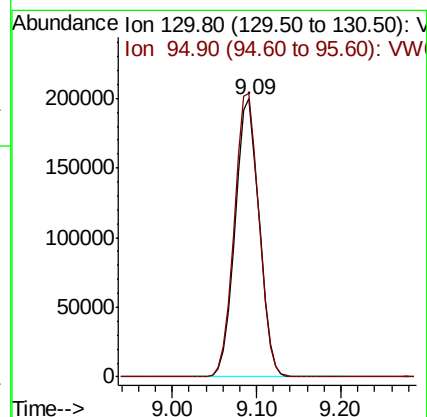
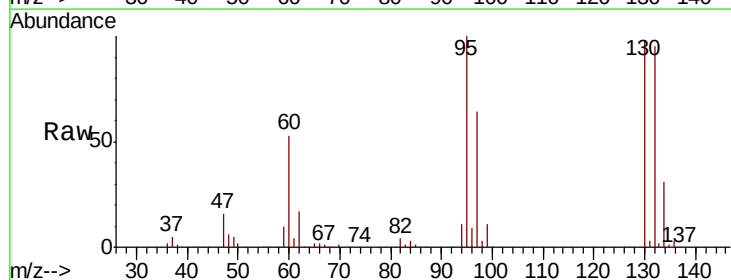
Acq: 27 Jun 2019 17:16

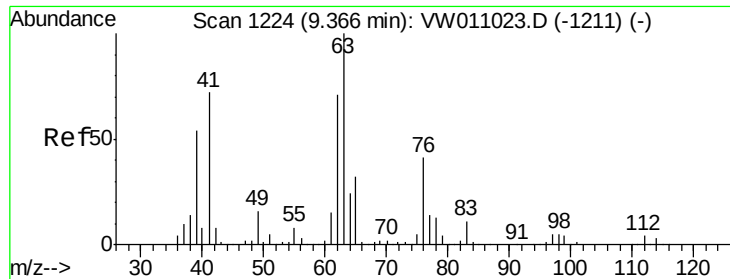
Tgt Ion:130 Resp: 386931

Ion Ratio Lower Upper

130 100

95 101.8 0.0 202.0

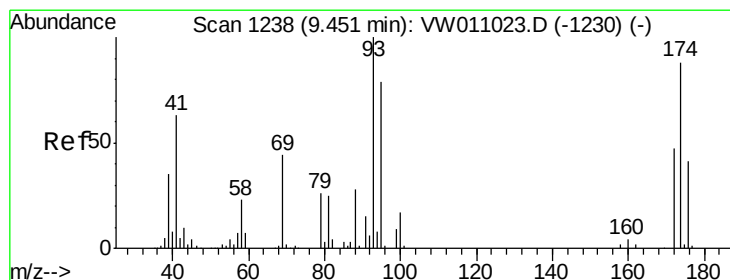
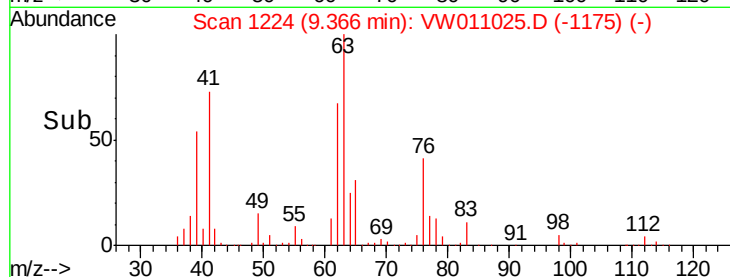
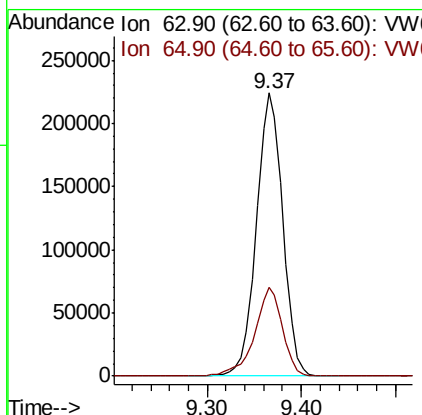
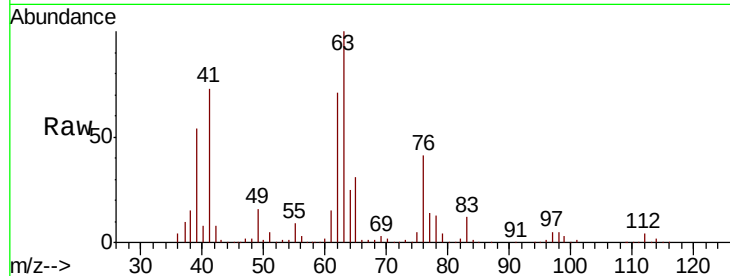




#45
 1,2-Dichloropropane
 Concen: 158.425 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

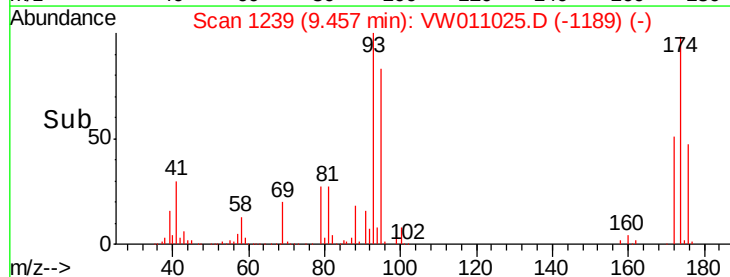
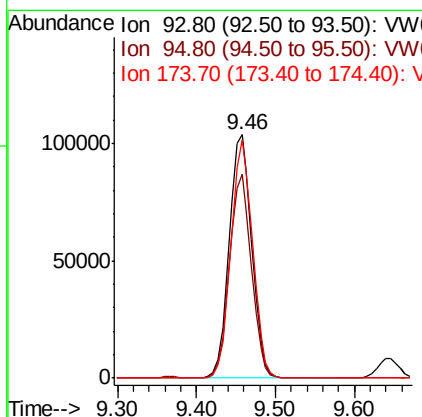
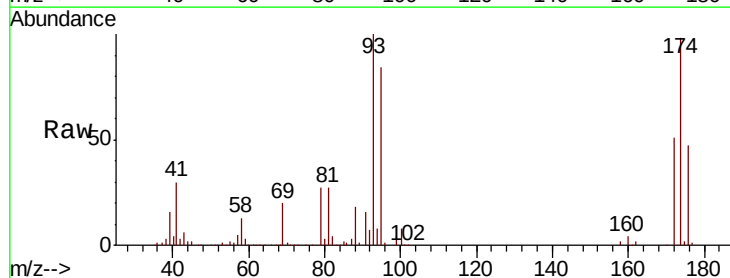
Instrument :
 MSVOA_W
 ClientSampled :

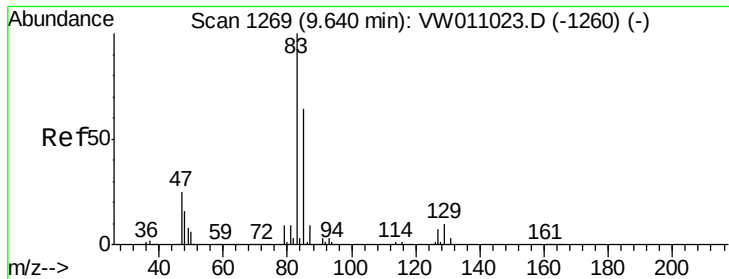
Tot Ion: 63 Resp: 441316
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.6 38.4



#46
 Dibromomethane
 Concen: 158.415 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Tgt Ion: 93 Resp: 205444
 Ion Ratio Lower Upper
 93 100
 95 81.9 65.8 98.6
 174 94.3 75.4 113.0





#47

Bromodichloromethane

Concen: 162.056 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

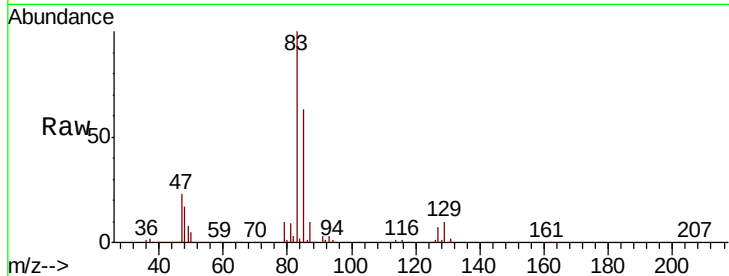
Tot Ion: 83 Resp: 540059

Ion Ratio Lower Upper

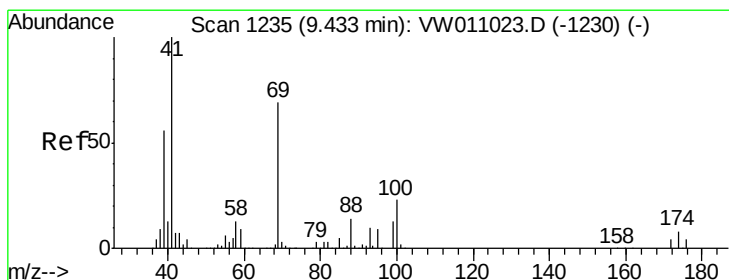
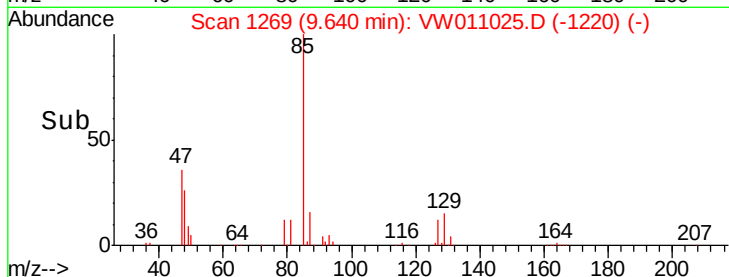
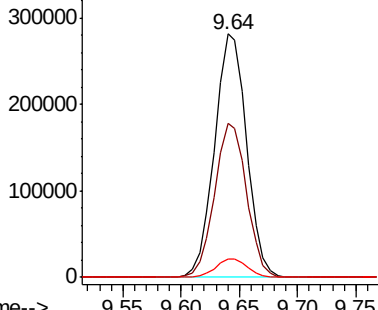
83 100

85 63.3 51.0 76.4

127 7.4 5.8 8.8



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



#48

Methyl methacrylate

Concen: 169.486 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

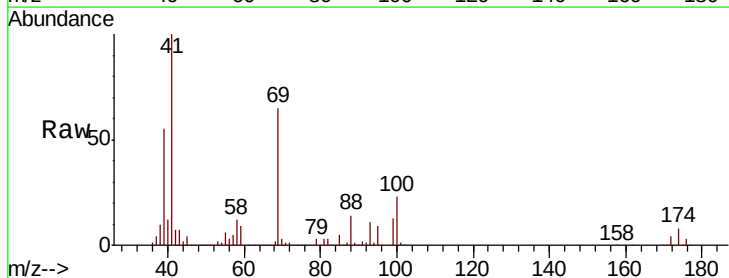
Tgt Ion: 41 Resp: 338594

Ion Ratio Lower Upper

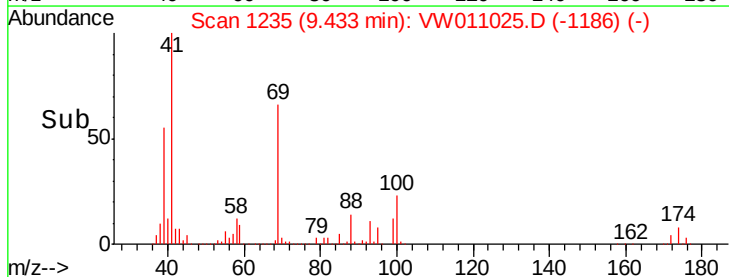
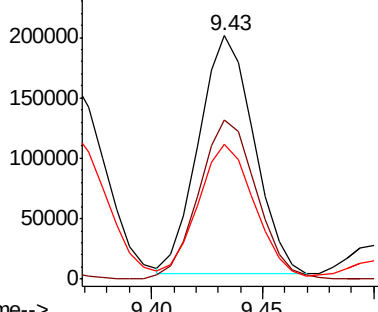
41 100

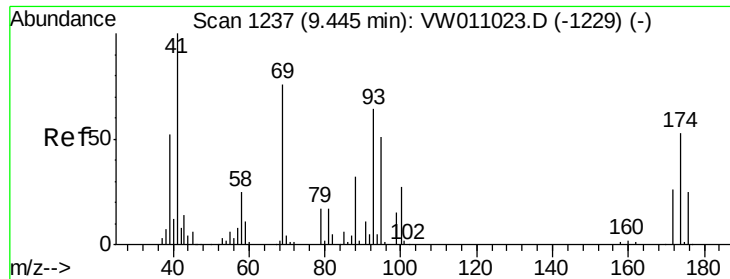
69 70.1 56.7 85.1

39 55.4 45.0 67.6



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

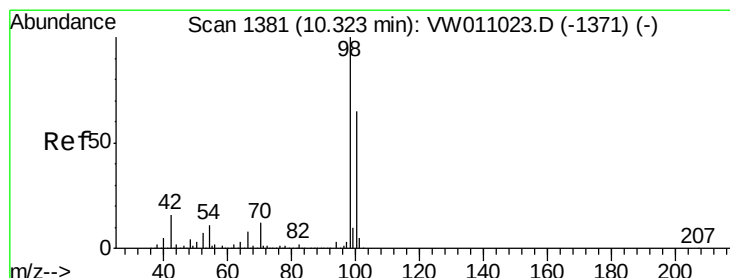
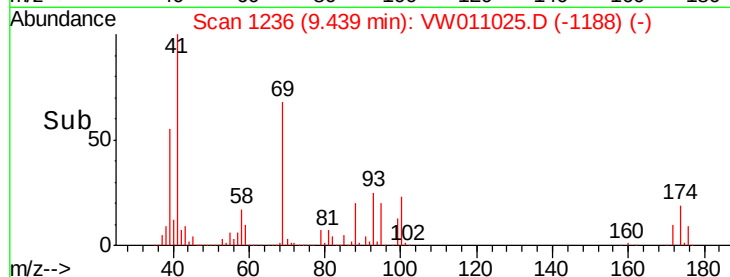
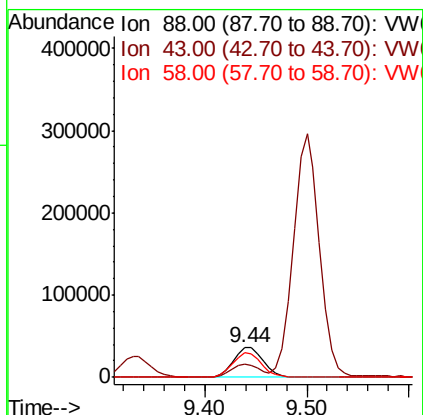
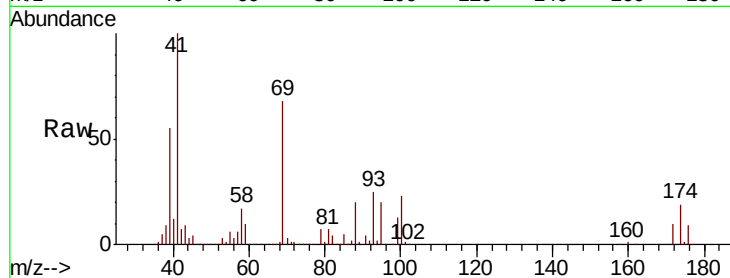




#49
1,4-Dioxane
Concen: 3477.016 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

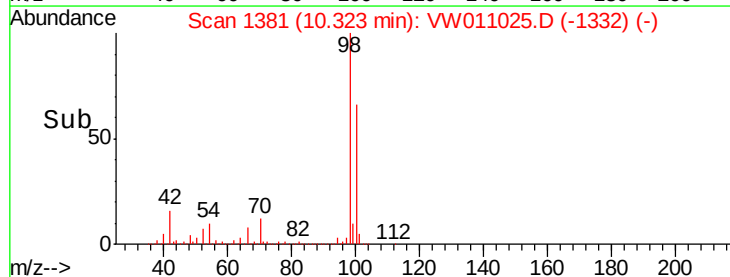
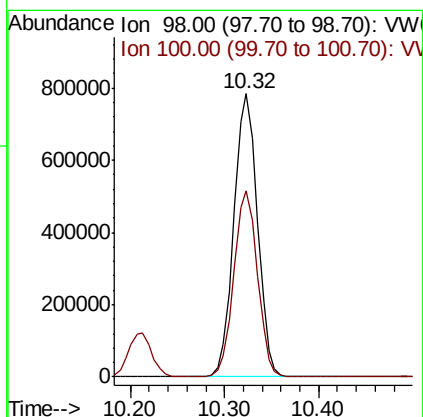
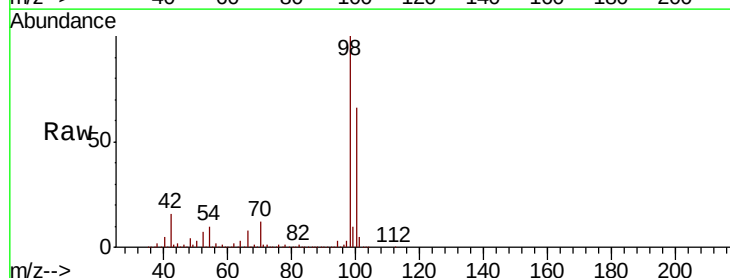
Instrument :
MSVOA_W
ClientSampleId :

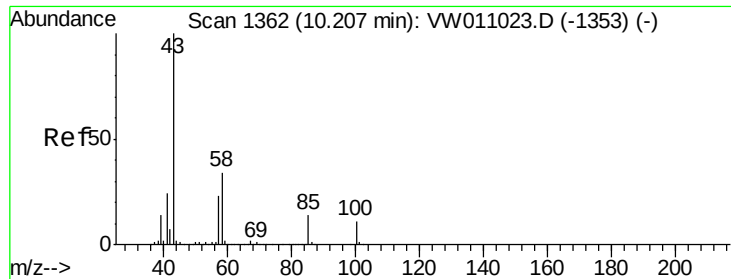
Tot Ion: 88 Resp: 72654
Ion Ratio Lower Upper
88 100
43 44.1 34.4 51.6
58 81.1 65.2 97.8



#50
Toluene-d8
Concen: 148.084 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 98 Resp: 1361526
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

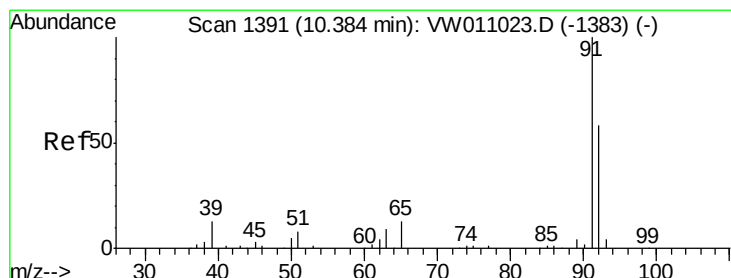
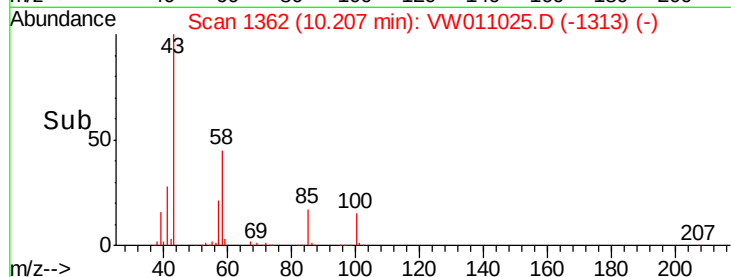
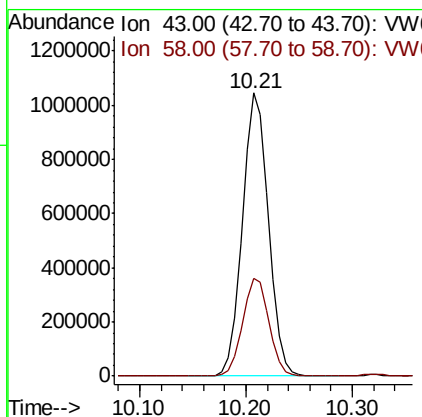
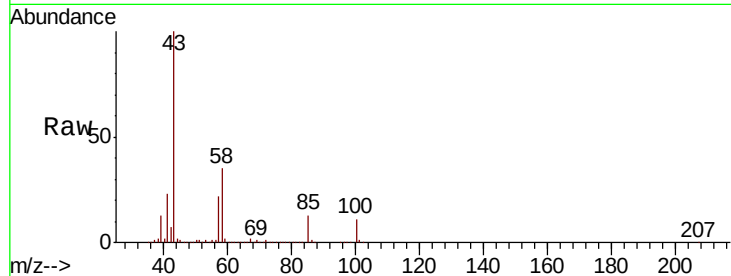




#51
4-Methyl-2-Pentanone
Concen: 840.429 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

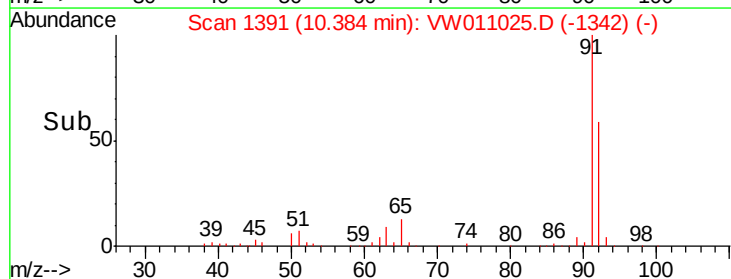
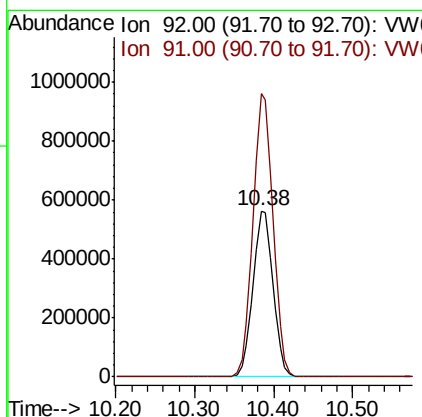
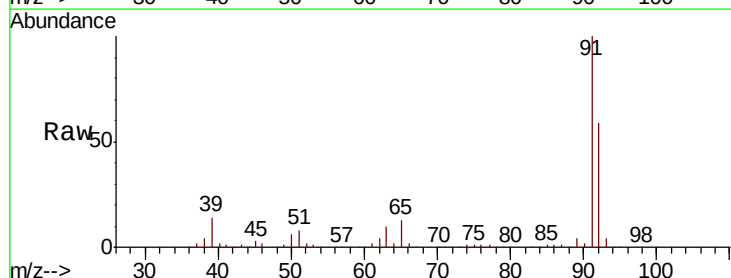
Instrument :
MSVOA_W
ClientSampled :

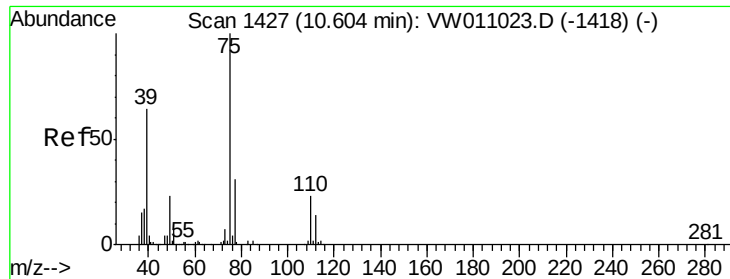
Tot Ion: 43 Resp: 1792296
Ion Ratio Lower Upper
43 100
58 35.0 27.8 41.6



#52
Toluene
Concen: 154.514 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 92 Resp: 996786
Ion Ratio Lower Upper
92 100
91 170.9 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 168.625 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

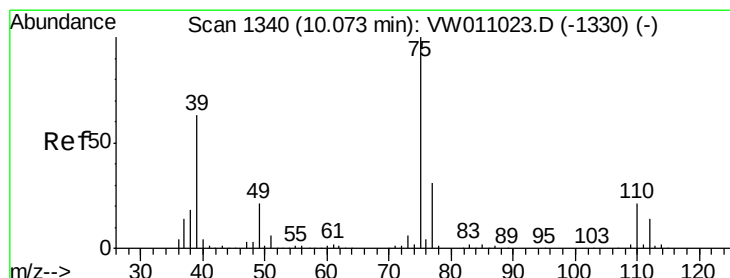
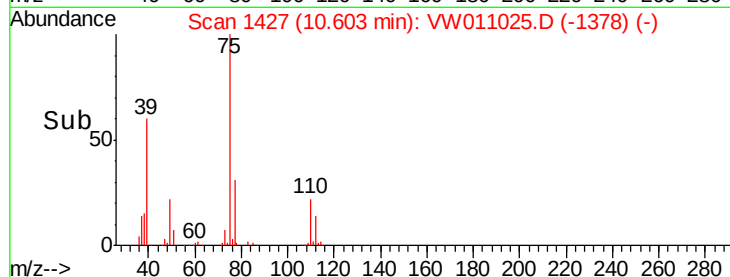
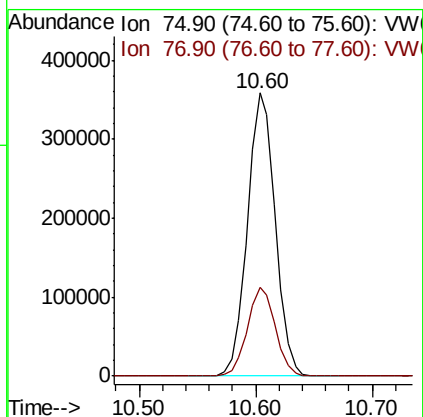
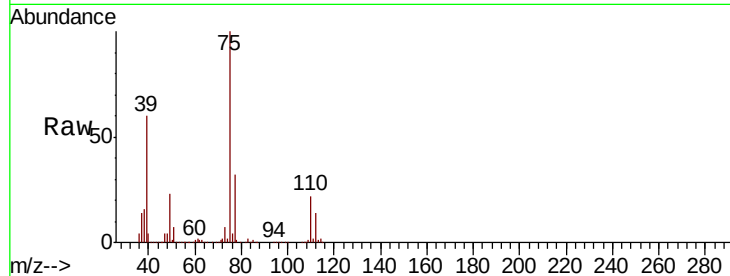
ClientSampleId :

Tot Ion: 75 Resp: 594712

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 165.528 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

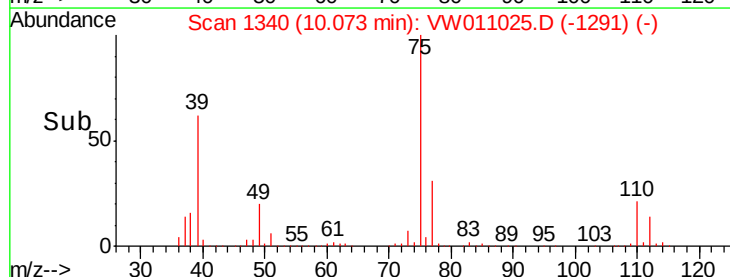
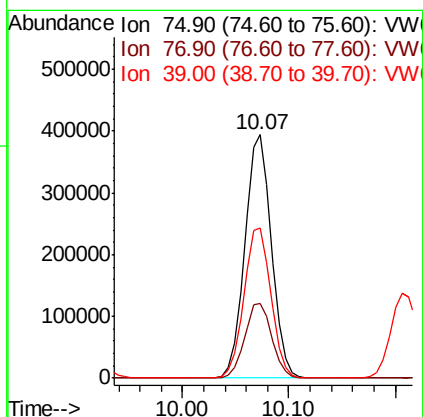
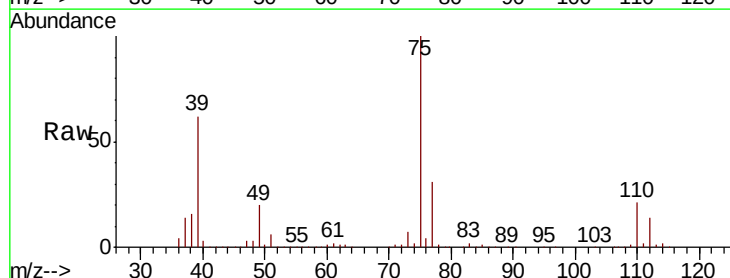
Tgt Ion: 75 Resp: 688769

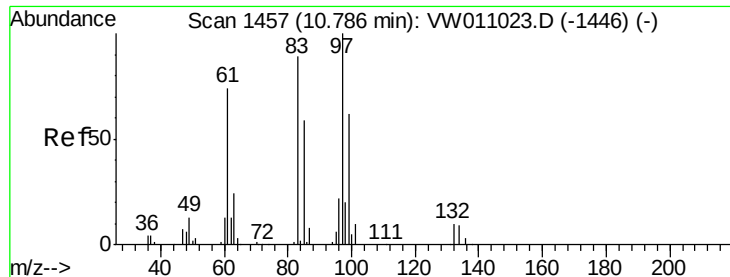
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 61.8 50.0 75.0

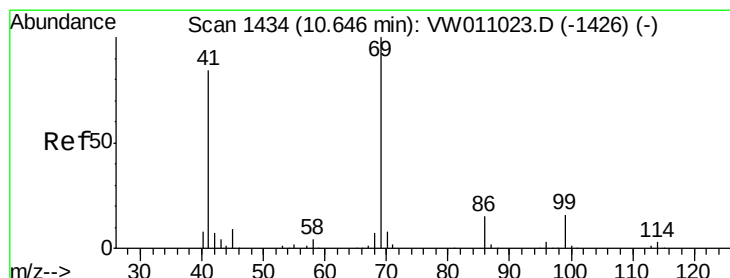
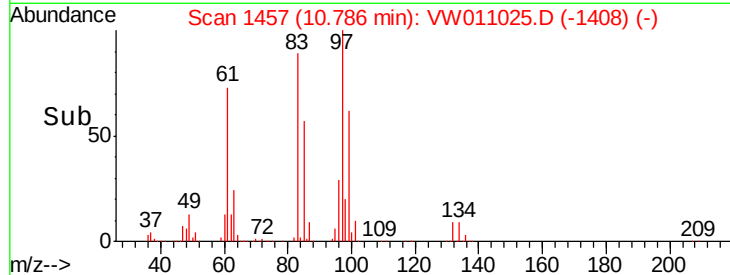
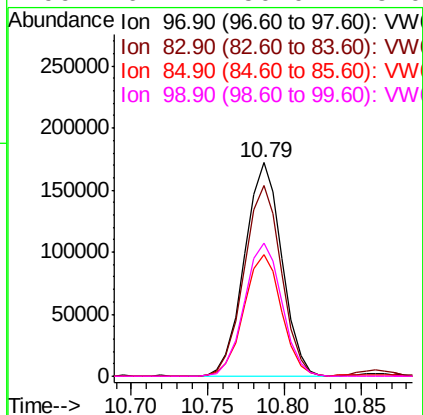
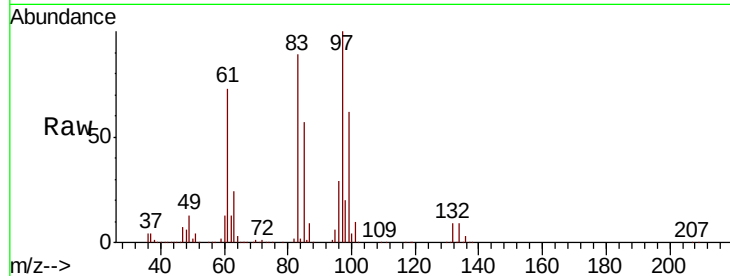




#55
 1,1,2-Trichloroethane
 Concen: 156.546 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

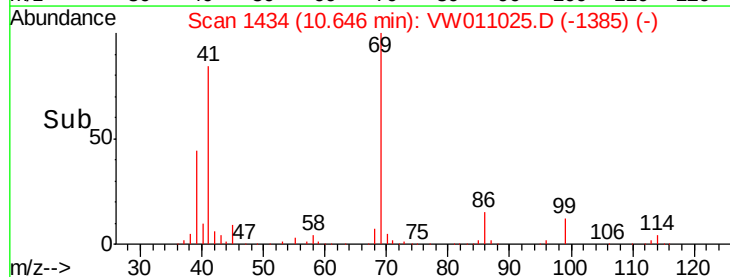
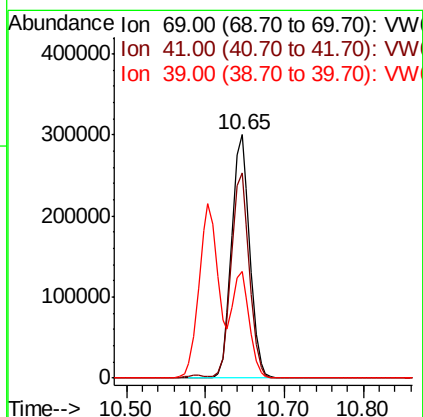
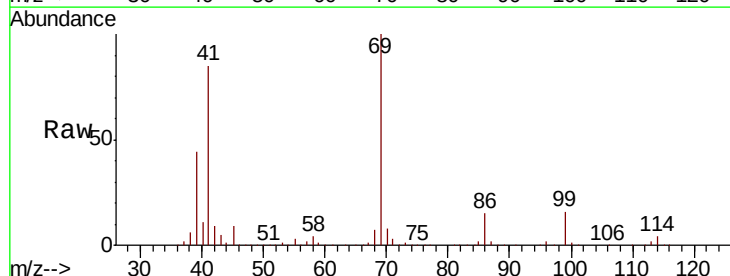
Instrument :
 MSVOA_W
 ClientSampleId :

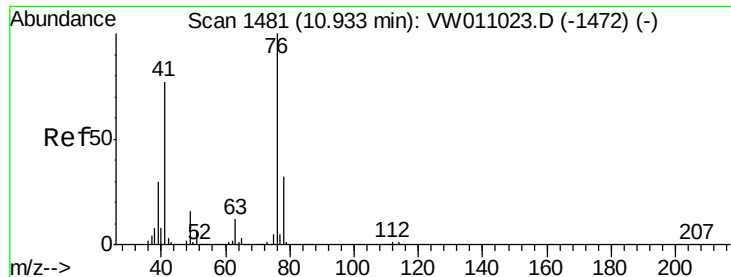
Tot Ion:	97	Resp:	292048
Ion	Ratio	Lower	Upper
97	100		
83	89.4	70.9	106.3
85	57.0	47.2	70.8
99	62.2	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 167.654 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Tgt Ion:	69	Resp:	479112
Ion	Ratio	Lower	Upper
69	100		
41	84.3	67.9	101.9
39	40.4	33.2	49.8

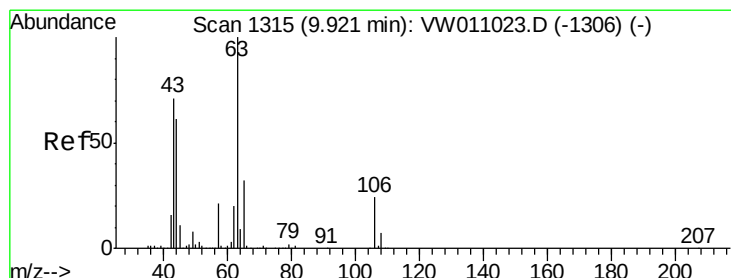
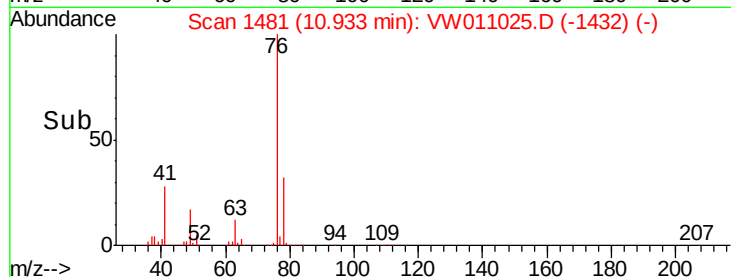
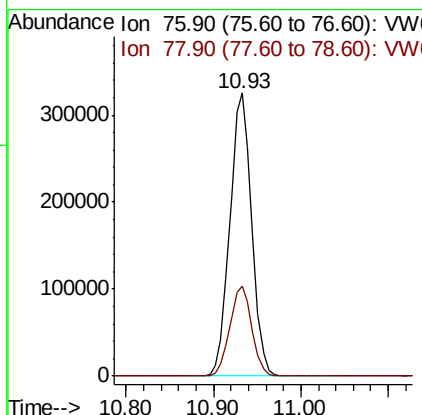
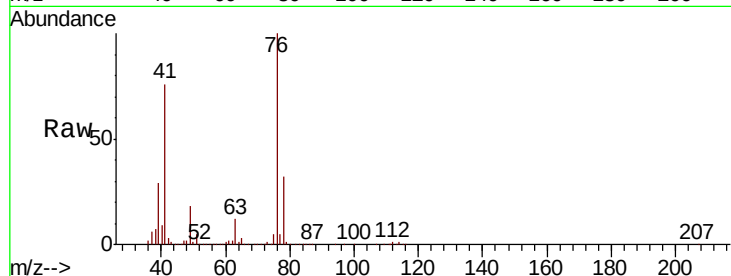




#57
 1,3-Dichloropropane
 Concen: 160.104 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

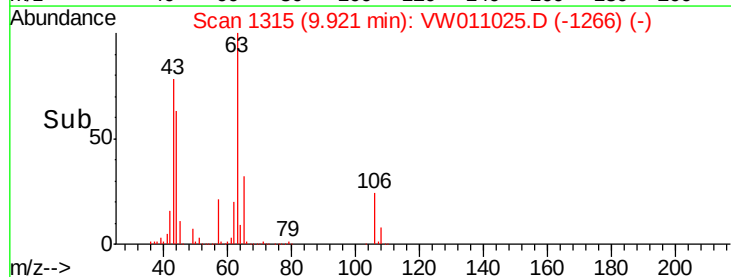
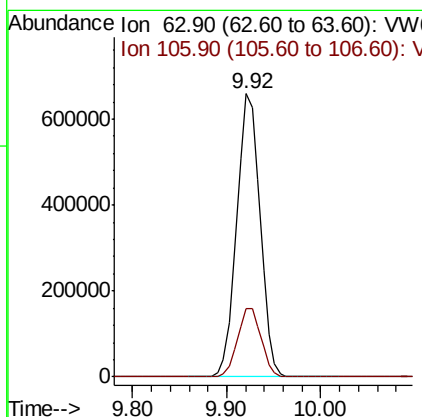
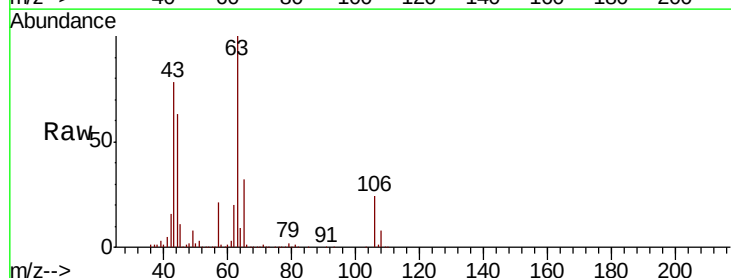
Instrument :
 MSVOA_W
 ClientSampled :

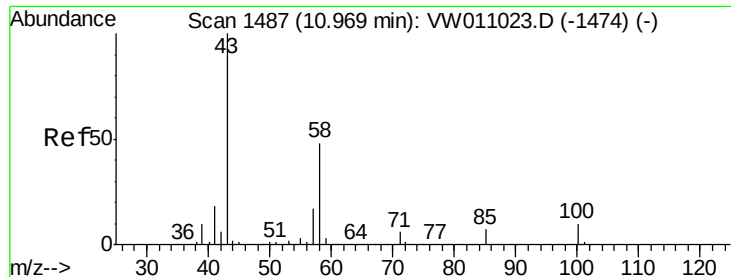
Tot Ion: 76 Resp: 562574
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 766.946 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Tgt Ion: 63 Resp: 1141663
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.4 29.0





#59

2-Hexanone

Concen: 844.426 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

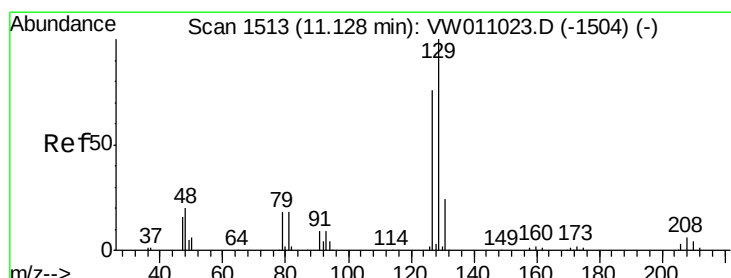
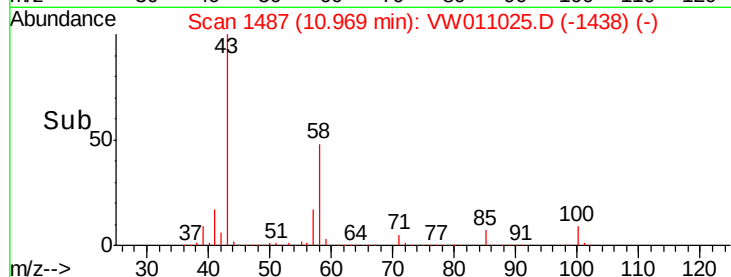
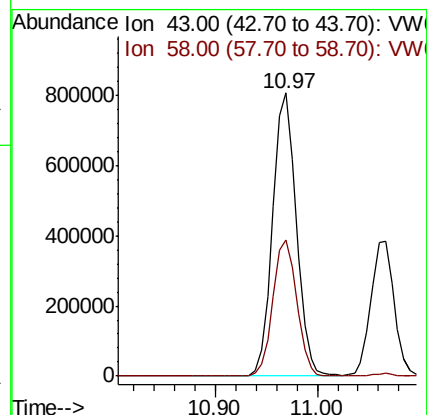
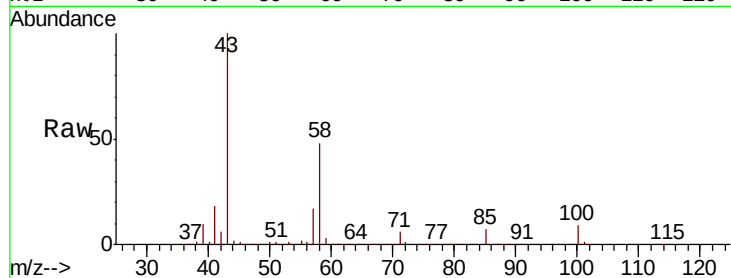
ClientSampled :

Tot Ion: 43 Resp: 1294524

Ion Ratio Lower Upper

43 100

58 48.7 23.8 71.5



#60

Dibromochloromethane

Concen: 164.869 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW011025.D

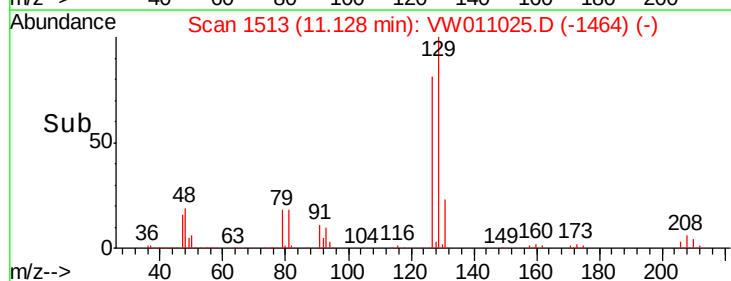
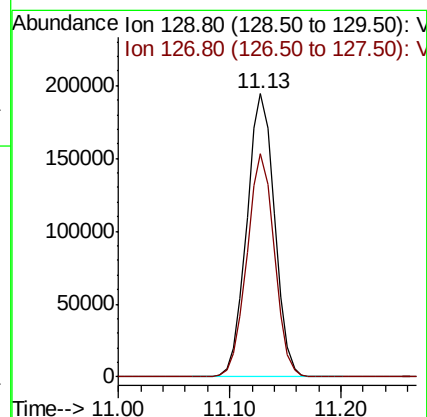
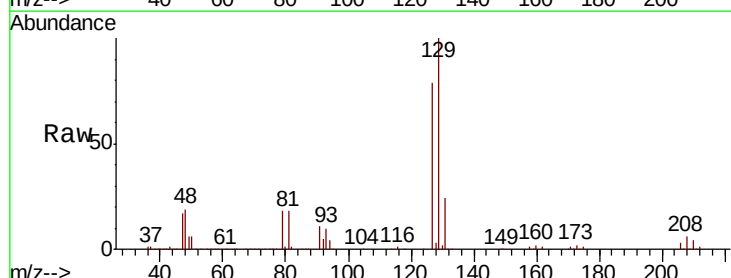
Acq: 27 Jun 2019 17:16

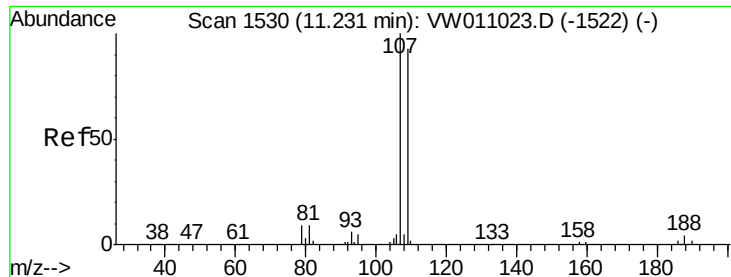
Tgt Ion:129 Resp: 336870

Ion Ratio Lower Upper

129 100

127 77.9 39.4 118.1

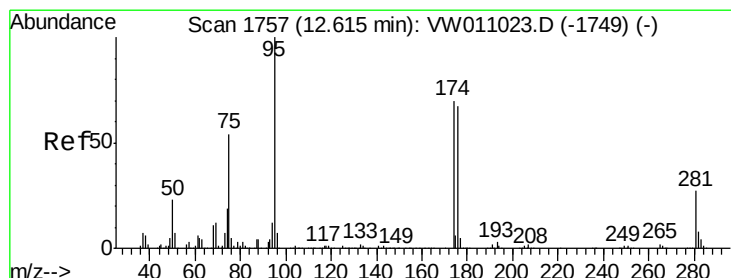
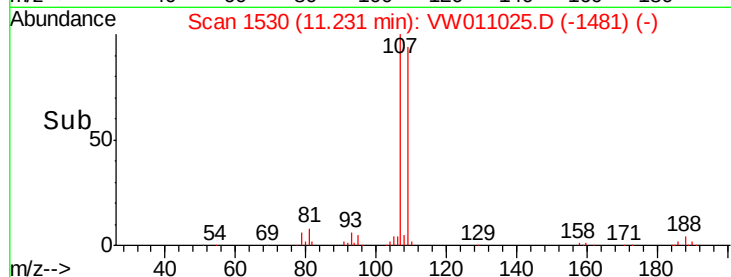
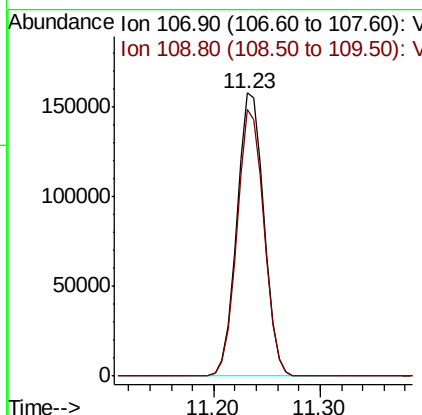
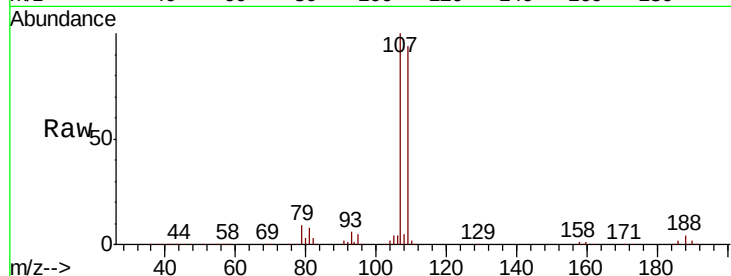




#61
1,2-Dibromoethane
Concen: 160.055 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

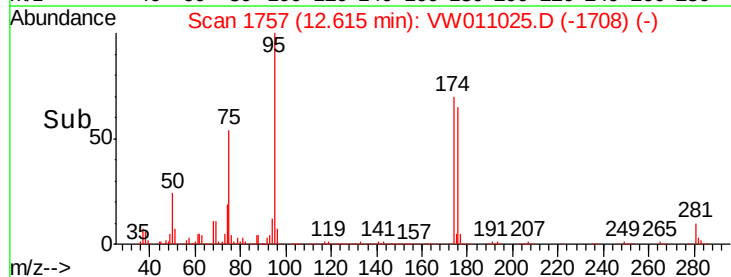
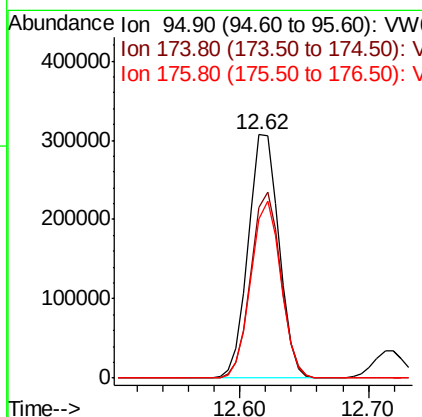
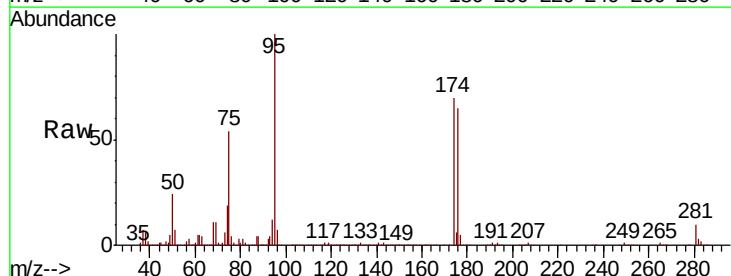
Instrument :
MSVOA_W
ClientSampleId :

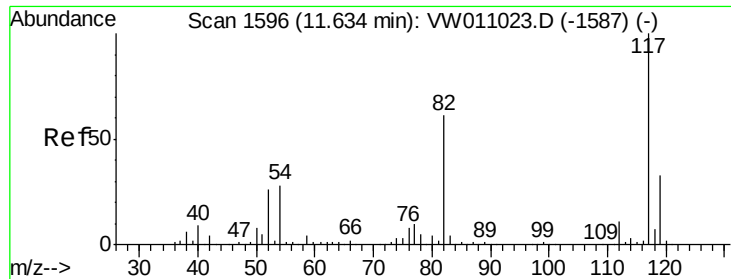
Tot Ion:107 Resp: 281871
Ion Ratio Lower Upper
107 100
109 93.9 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 150.773 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 95 Resp: 504397
Ion Ratio Lower Upper
95 100
174 74.5 0.0 149.2
176 71.2 0.0 143.6

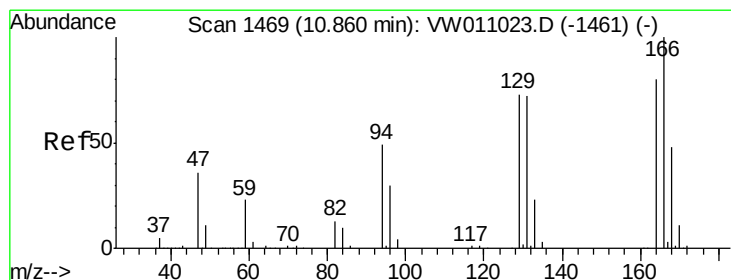
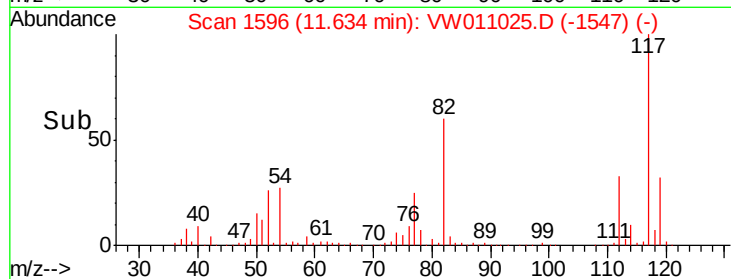
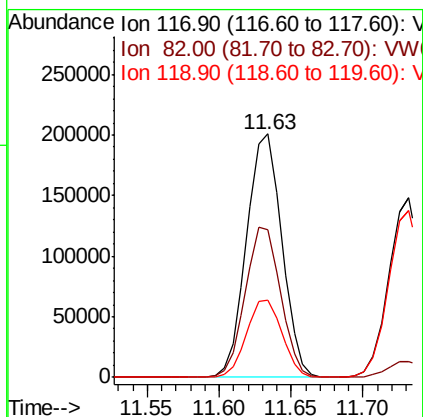
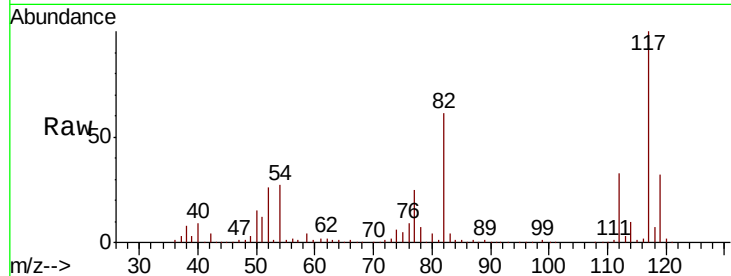




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

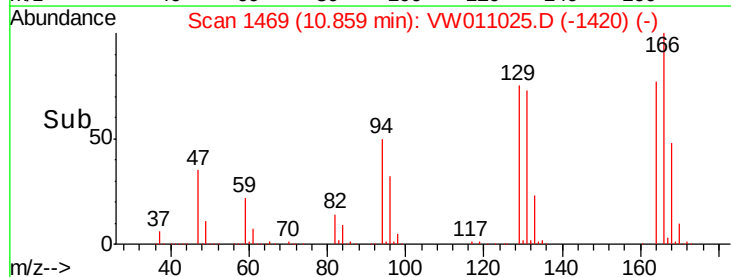
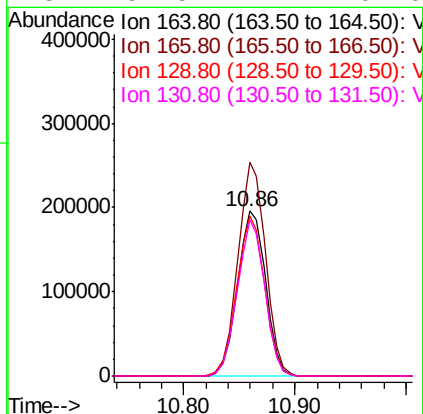
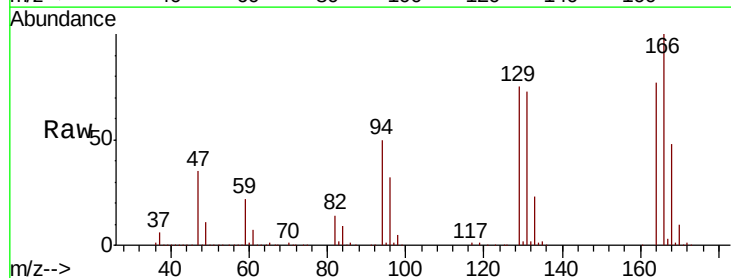
Instrument :
MSVOA_W
ClientSampled :

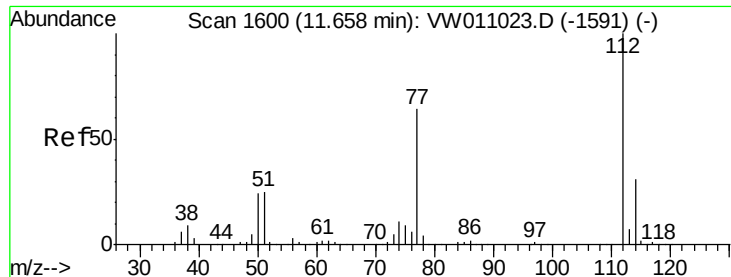
Tot Ion:117 Resp: 341290
Ion Ratio Lower Upper
117 100
82 60.5 48.6 73.0
119 32.0 26.1 39.1



#64
Tetrachloroethene
Concen: 149.799 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion:164 Resp: 341293
Ion Ratio Lower Upper
164 100
166 129.6 99.8 149.6
129 97.3 73.0 109.4
131 94.5 71.4 107.0

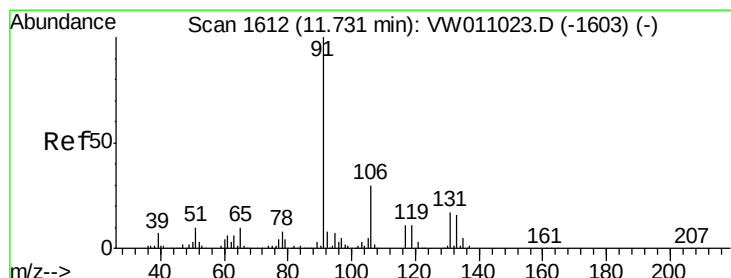
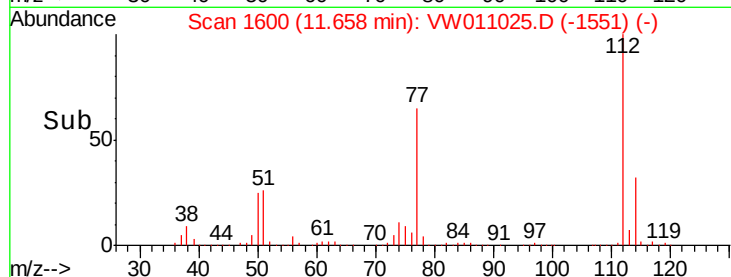
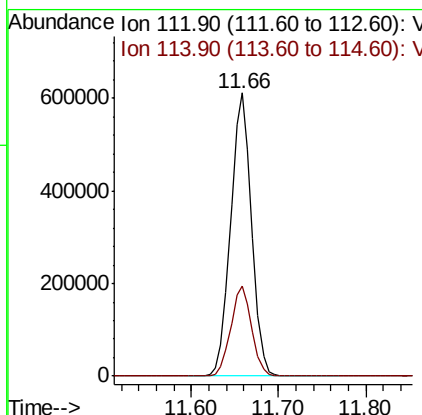
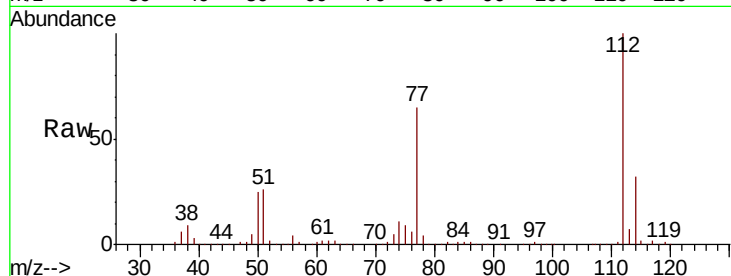




#65
Chlorobenzene
Concen: 149.932 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

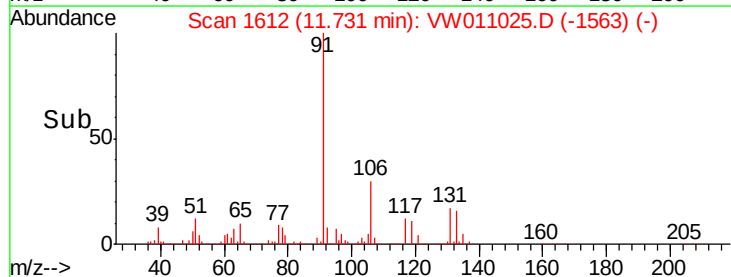
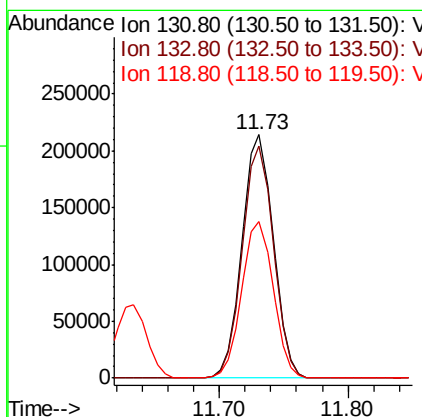
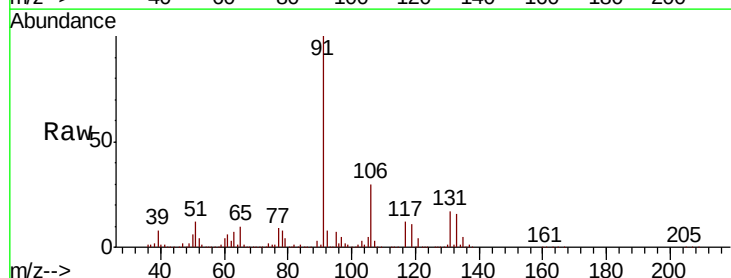
Instrument :
MSVOA_W
ClientSampleId :

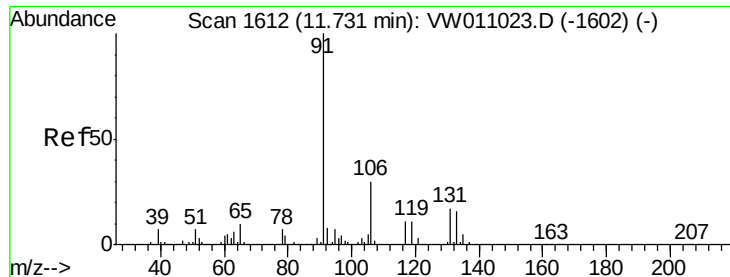
Tot Ion:112 Resp: 1013859
Ion Ratio Lower Upper
112 100
114 31.7 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 154.602 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion:131 Resp: 359789
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 65.0 33.1 99.2





#67

Ethyl Benzene

Concen: 151.896 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

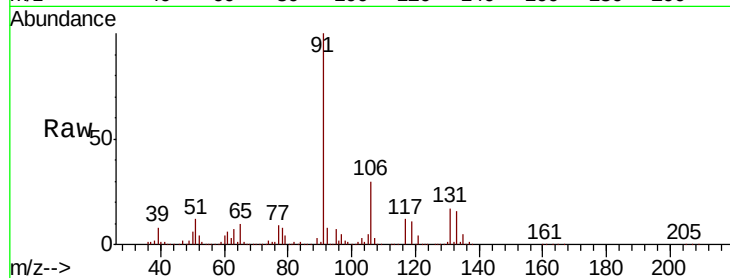
ClientSampleId :

Tot Ion: 91 Resp: 1974239

Ion Ratio Lower Upper

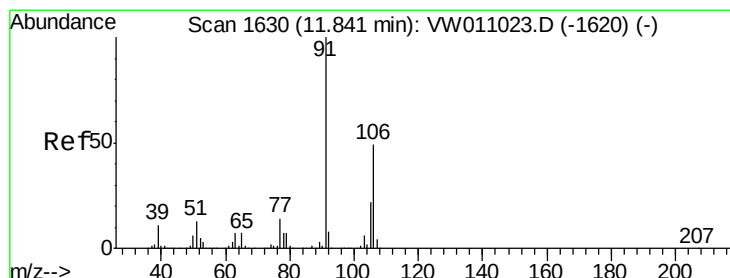
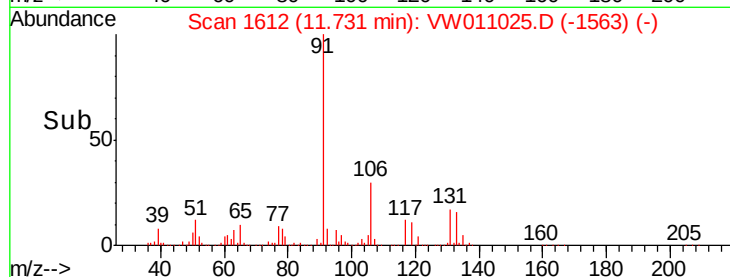
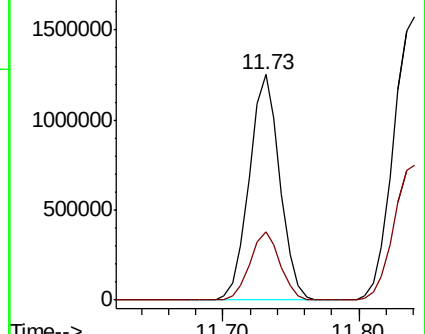
91 100

106 30.1 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 305.484 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW011025.D

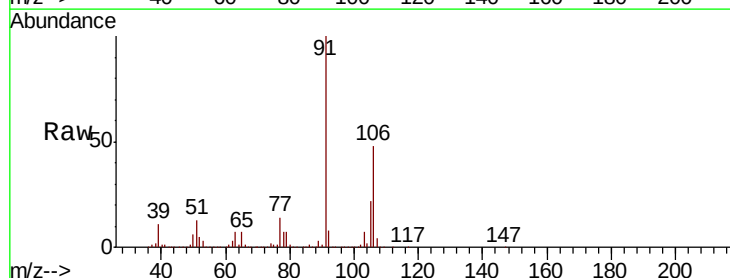
Acq: 27 Jun 2019 17:16

Tgt Ion:106 Resp: 1425867

Ion Ratio Lower Upper

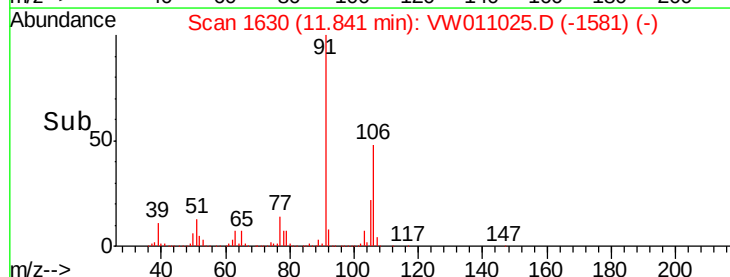
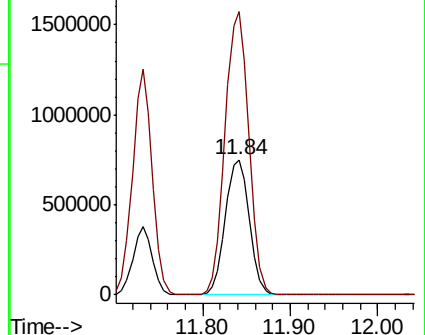
106 100

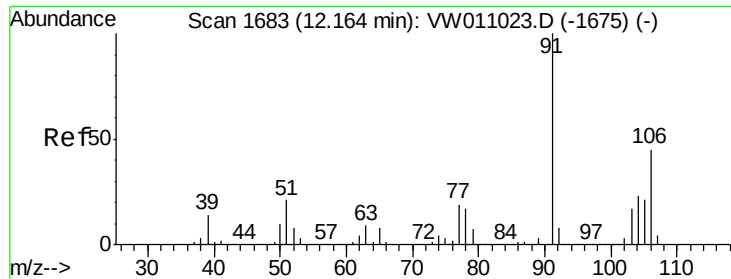
91 208.4 167.5 251.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

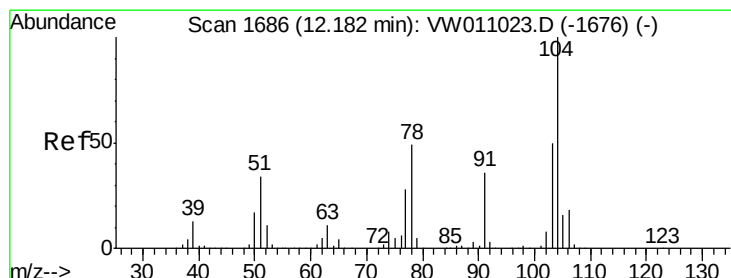
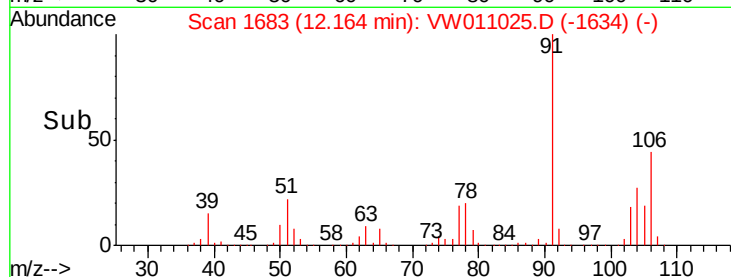
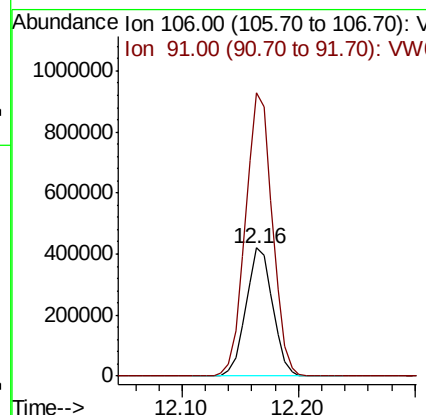
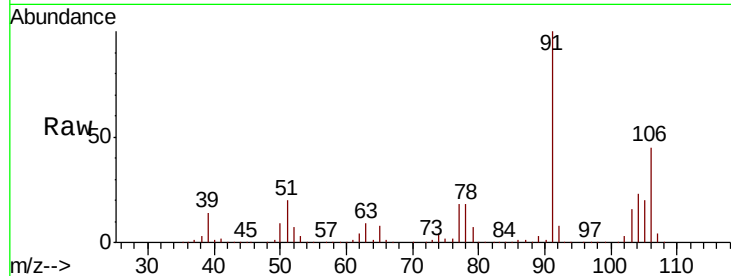




#69
o-Xylene
Concen: 153.164 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

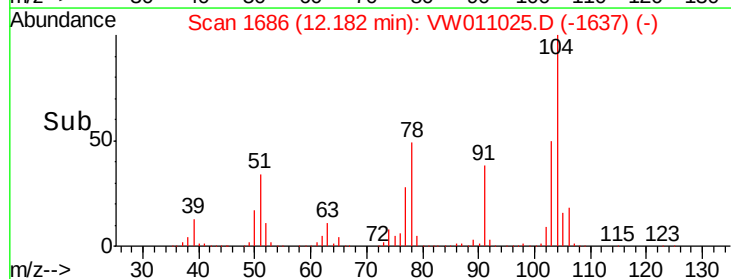
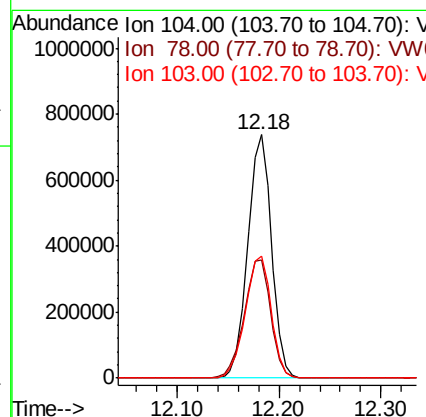
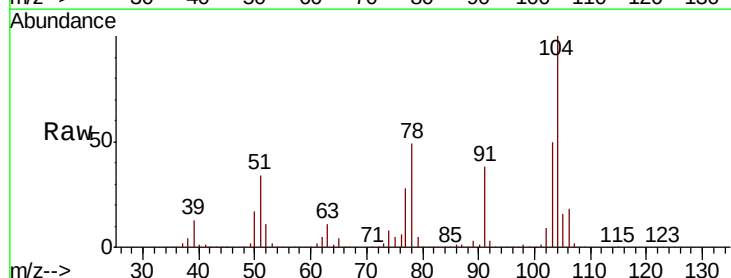
Instrument :
MSVOA_W
ClientSampled :

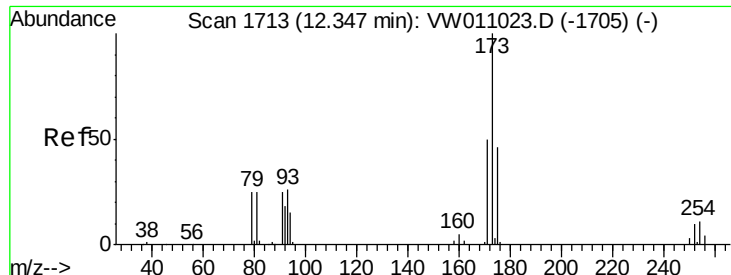
Tot Ion:106 Resp: 676090
Ion Ratio Lower Upper
106 100
91 221.9 110.8 332.3



#70
Styrene
Concen: 155.335 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion:104 Resp: 1191880
Ion Ratio Lower Upper
104 100
78 54.2 43.7 65.5
103 54.8 43.9 65.9





#71

Bromoform

Concen: 161.262 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

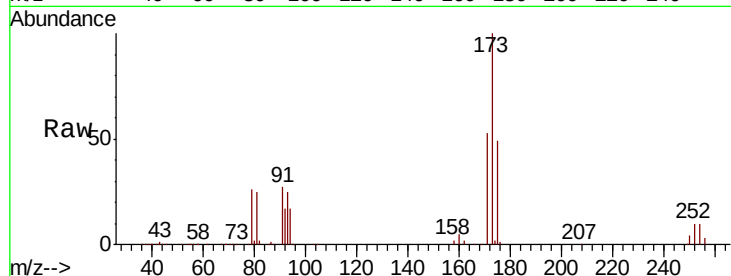
Tot Ion:173 Resp: 193377

Ion Ratio Lower Upper

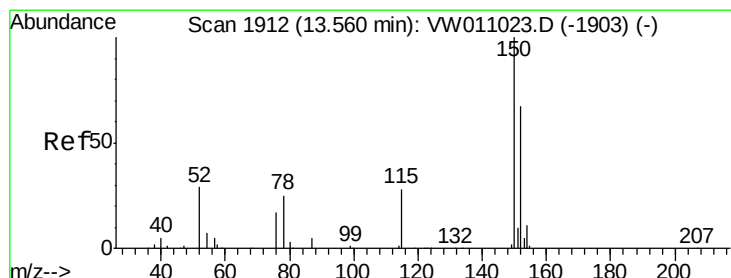
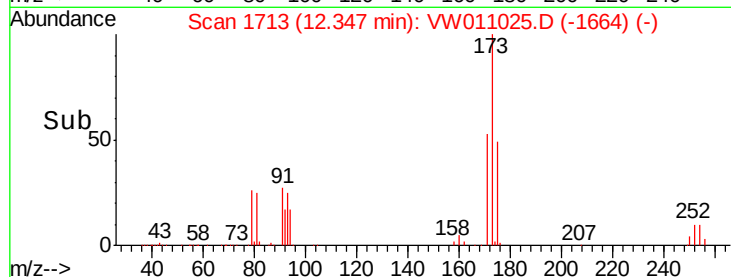
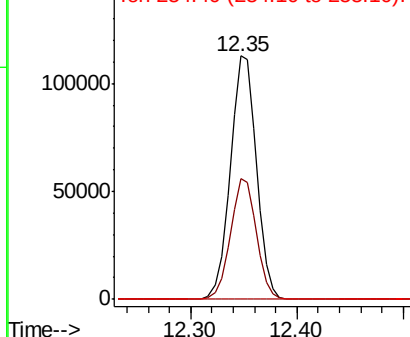
173 100

175 49.2 24.1 72.2

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

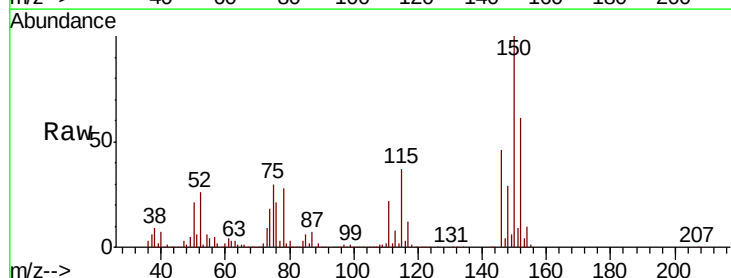
Tgt Ion:152 Resp: 165371

Ion Ratio Lower Upper

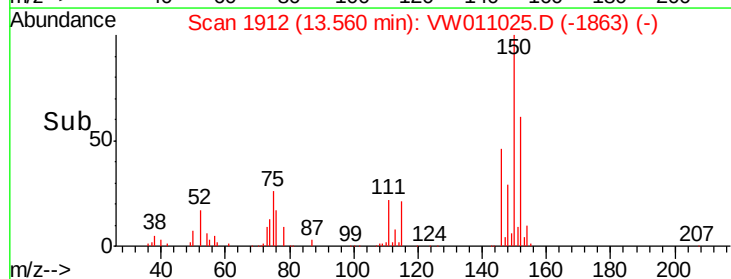
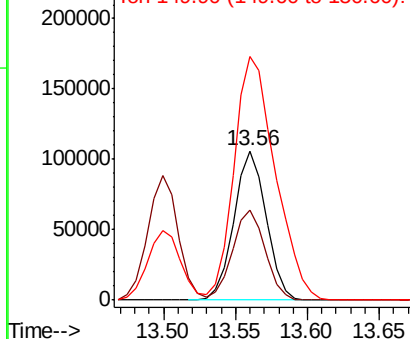
152 100

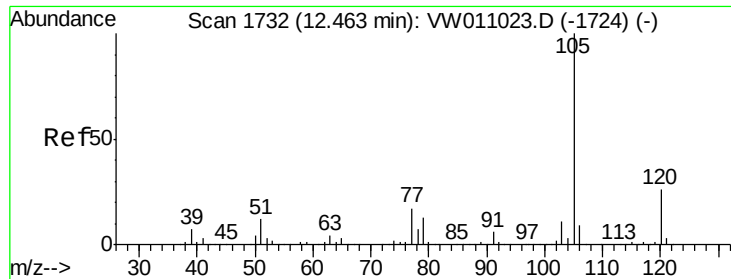
115 61.2 30.7 92.1

150 207.5 0.0 341.8



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





#73

Isopropylbenzene

Concen: 150.806 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

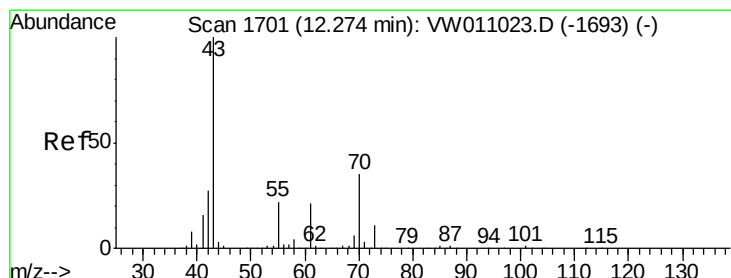
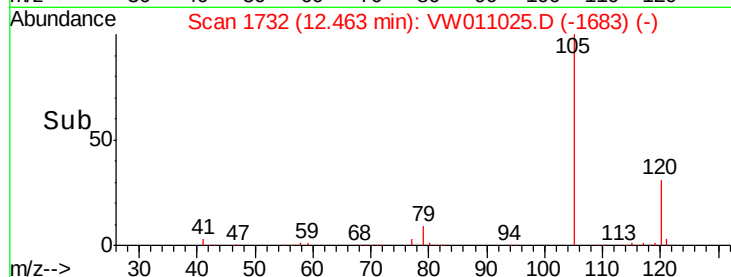
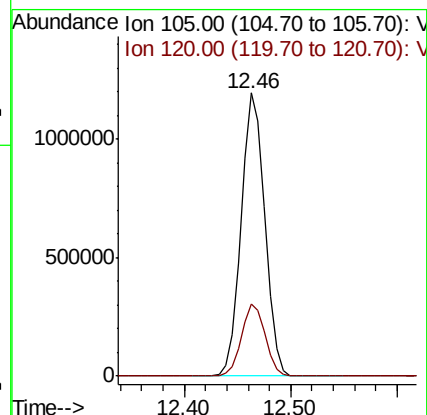
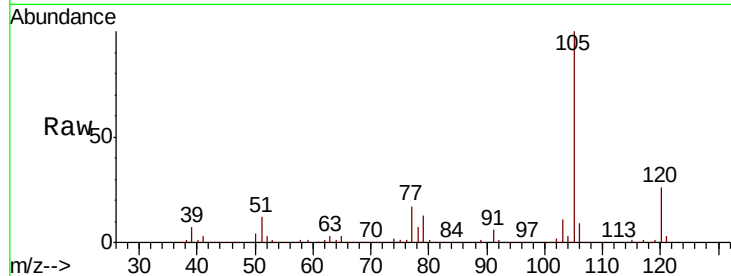
ClientSampled :

Tot Ion:105 Resp: 1867958

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.6



#74

N-amyl acetate

Concen: 167.420 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Tgt Ion: 43 Resp: 680233

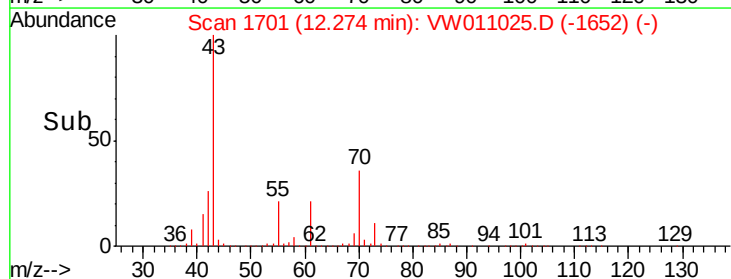
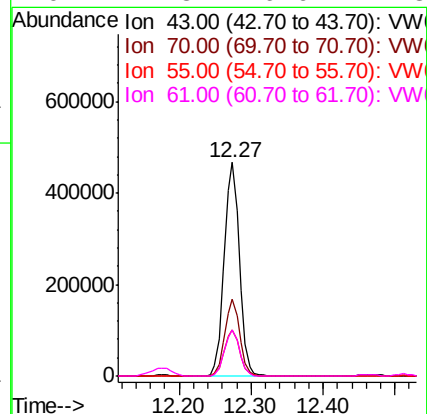
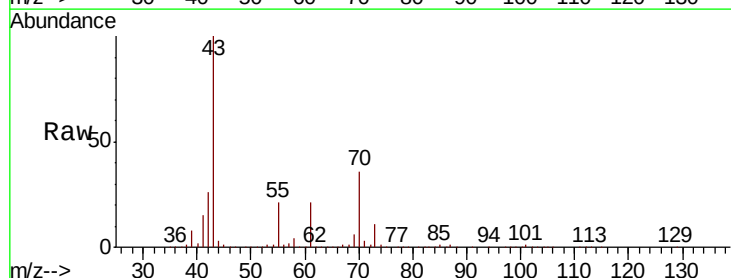
Ion Ratio Lower Upper

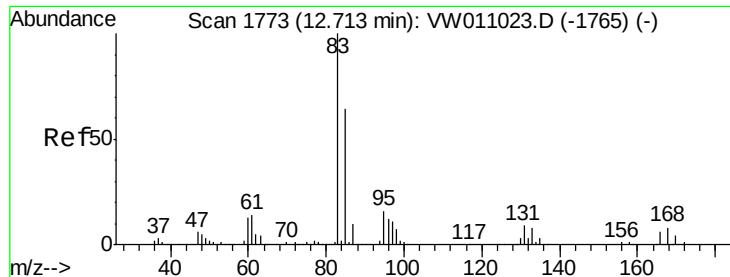
43 100

70 35.4 28.2 42.4

55 21.7 17.8 26.8

61 21.3 16.6 24.8





#75

1,1,2,2-Tetrachloroethane

Concen: 154.528 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

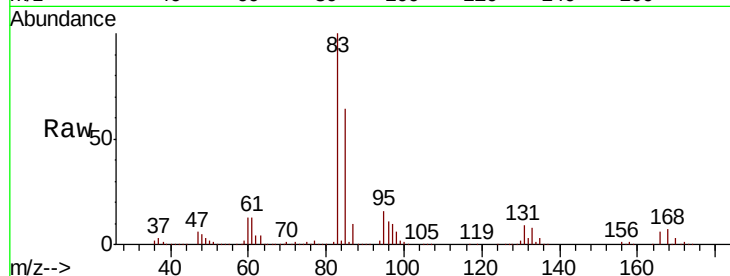
Tot Ion: 83 Resp: 367179

Ion Ratio Lower Upper

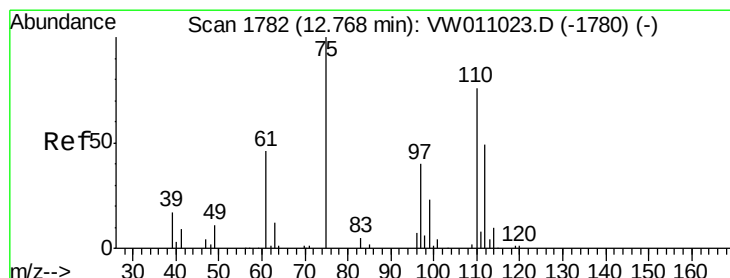
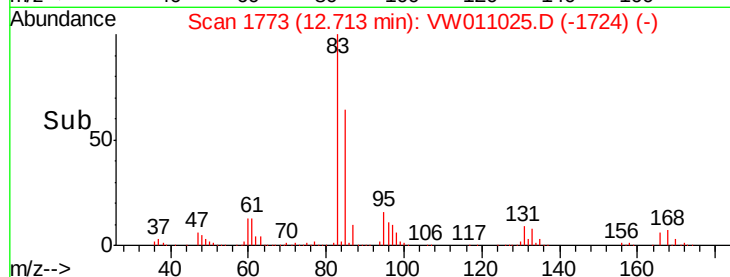
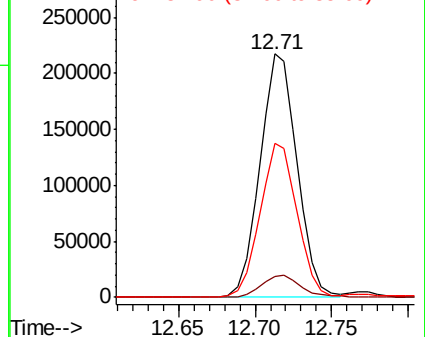
83 100

131 9.6 5.0 14.9

85 63.2 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 283.714 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW011025.D

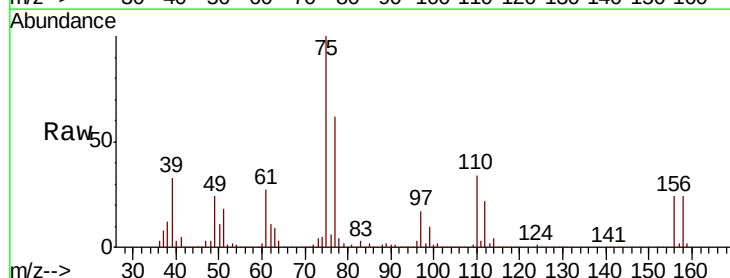
Acq: 27 Jun 2019 17:16

Tgt Ion: 75 Resp: 494614

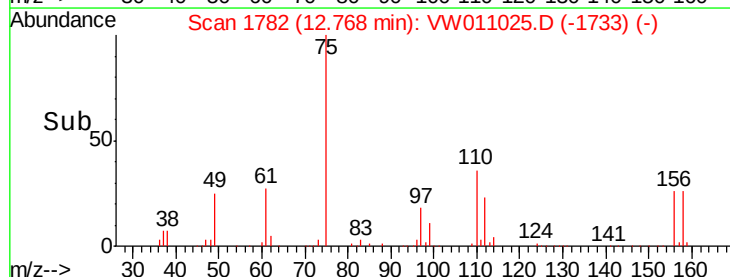
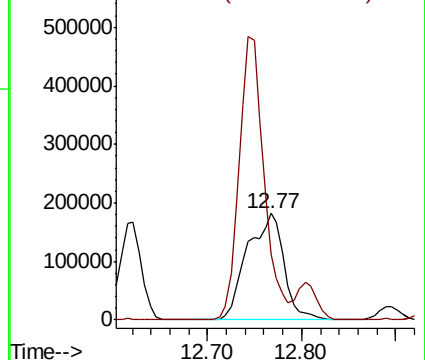
Ion Ratio Lower Upper

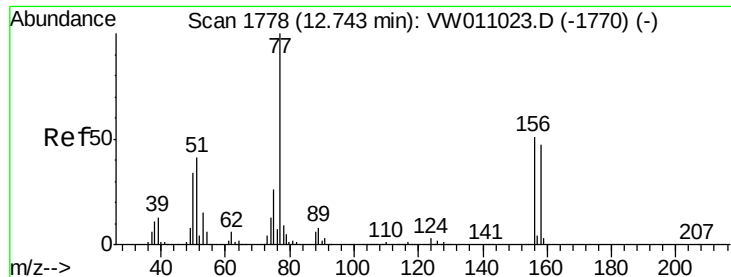
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 150.904 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

ClientSampleId :

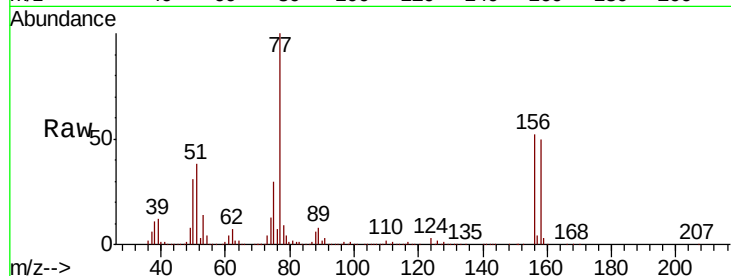
Tot Ion:156 Resp: 407709

Ion Ratio Lower Upper

156 100

77 219.3 109.5 328.5

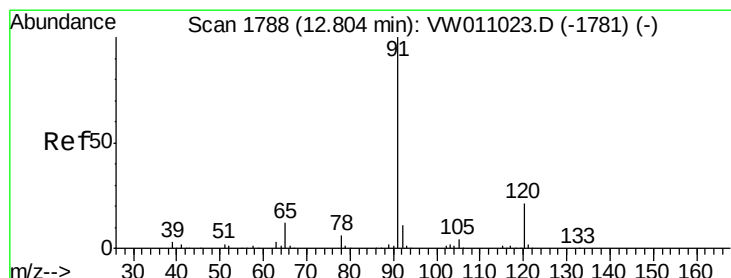
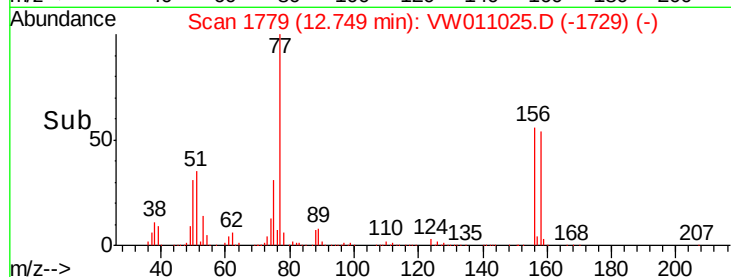
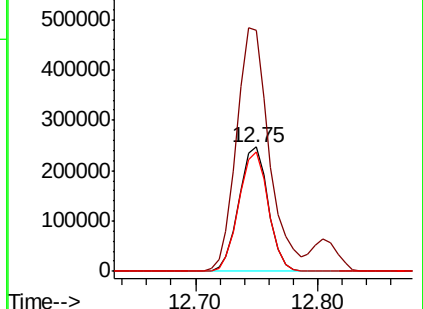
158 96.9 48.6 145.9



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: 152.182 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW011025.D

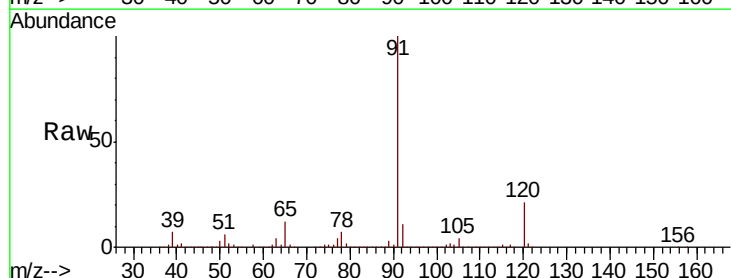
Acq: 27 Jun 2019 17:16

Tgt Ion: 91 Resp: 2285336

Ion Ratio Lower Upper

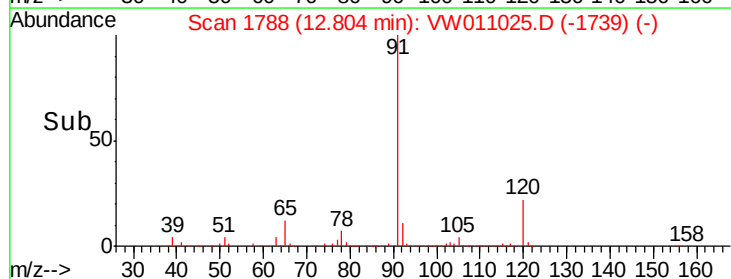
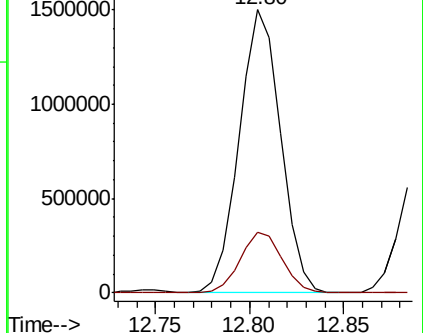
91 100

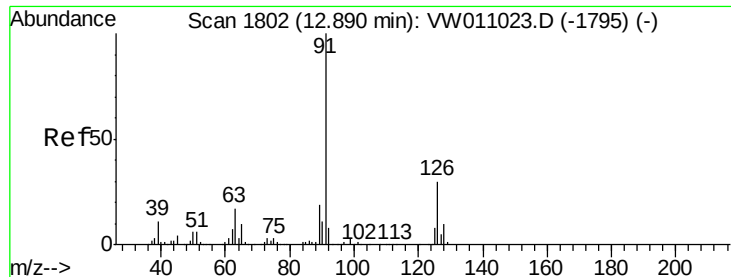
120 21.6 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 152.216 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

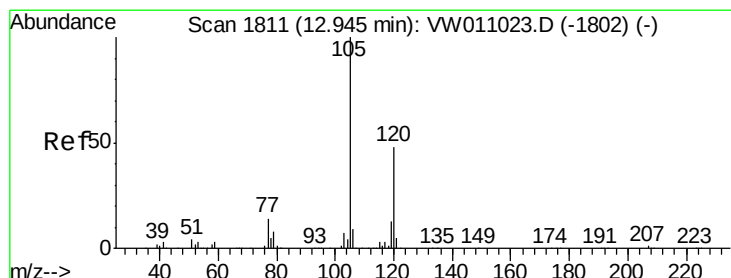
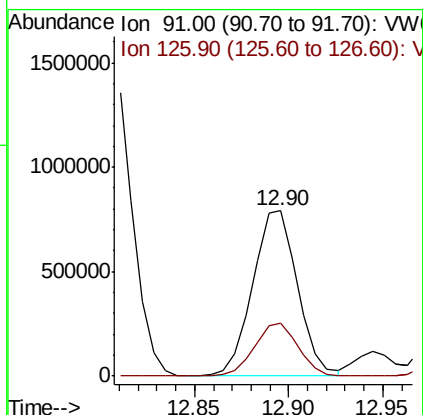
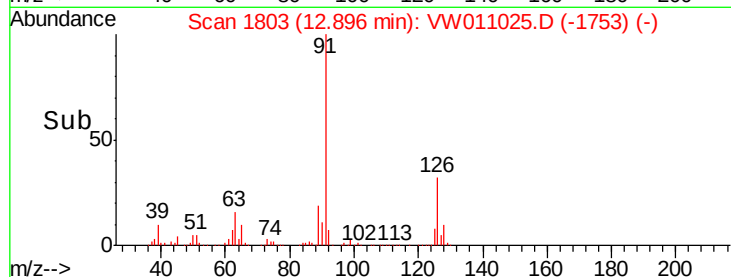
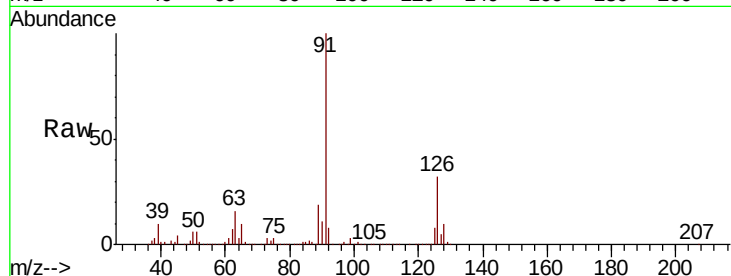
ClientSampleId :

Tot Ion: 91 Resp: 1305831

Ion Ratio Lower Upper

91 100

126 30.9 15.4 46.4



#80

1,3,5-Trimethylbenzene

Concen: 153.656 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011025.D

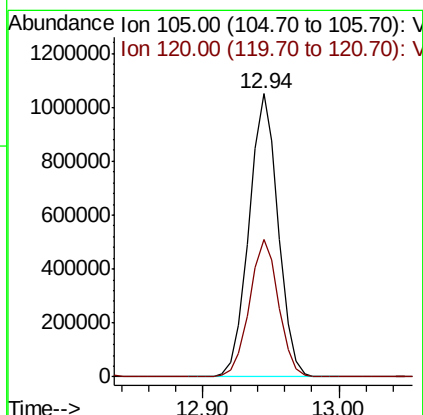
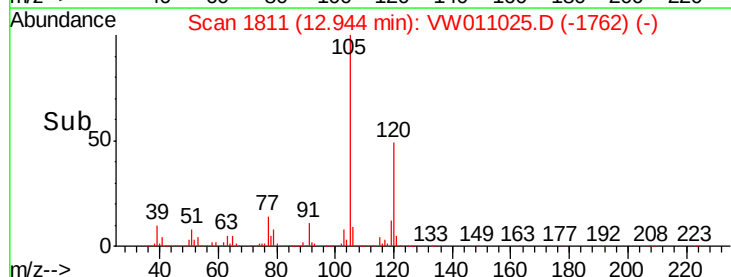
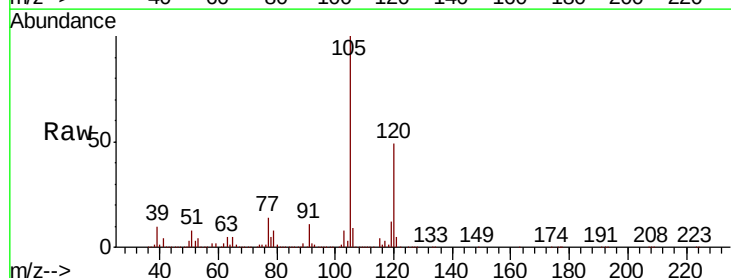
Acq: 27 Jun 2019 17:16

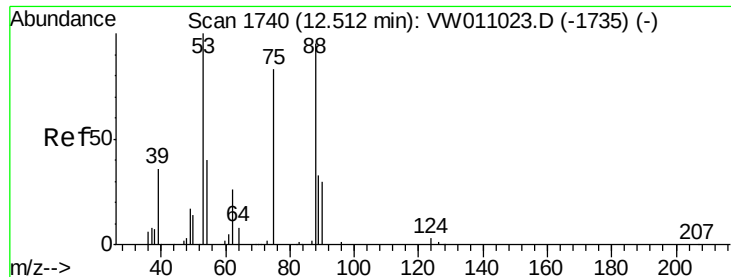
Tgt Ion:105 Resp: 1569688

Ion Ratio Lower Upper

105 100

120 48.5 23.8 71.5

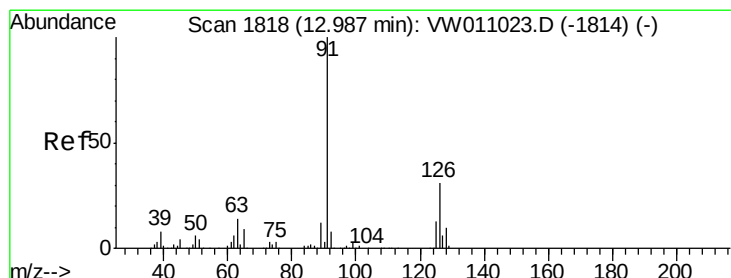
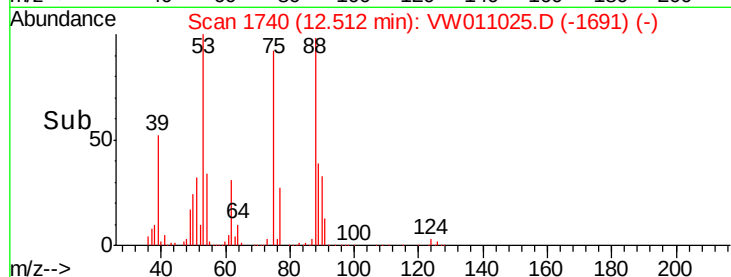
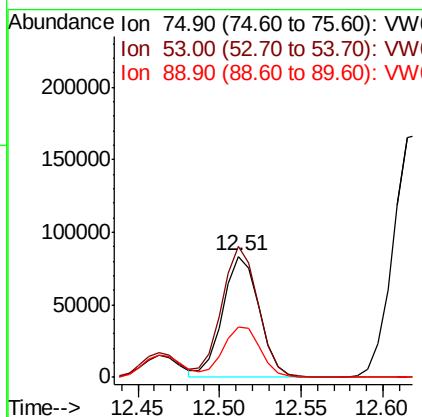
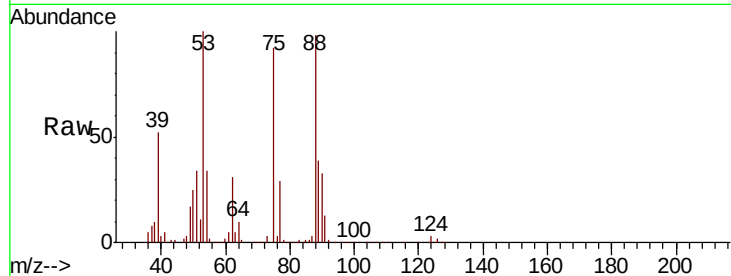




#81
trans-1,4-Dichloro-2-butene
Concen: 172.182 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

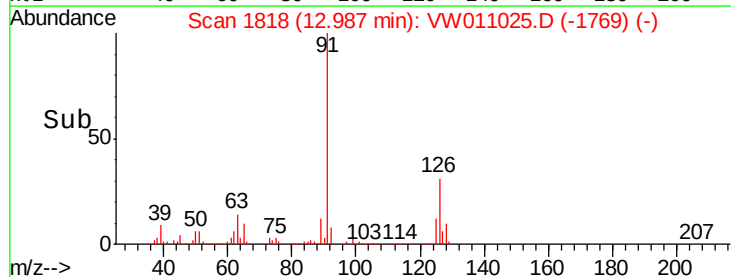
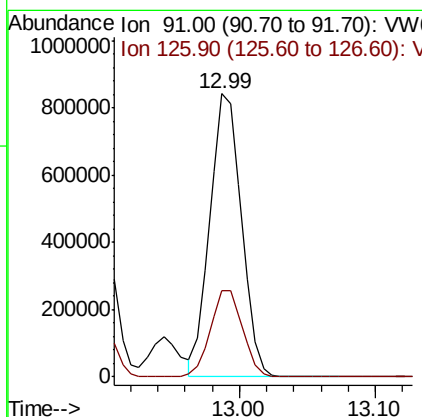
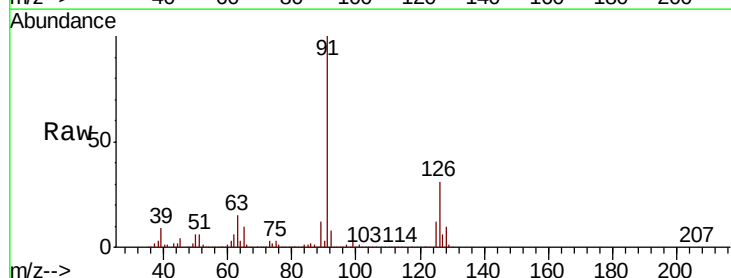
Instrument :
MSVOA_W
ClientSampled :

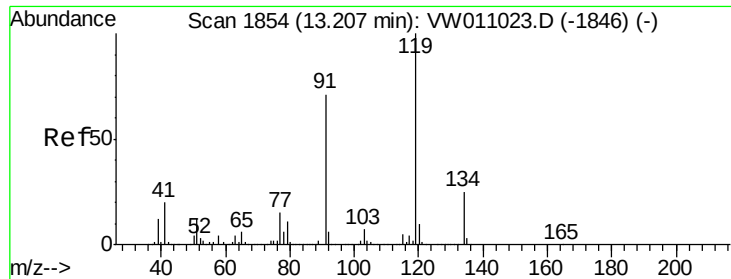
Tot Ion: 75 Resp: 129579
Ion Ratio Lower Upper
75 100
53 109.2 95.6 143.4
89 42.6 34.4 51.6



#82
4-Chlorotoluene
Concen: 152.516 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011025.D
Acq: 27 Jun 2019 17:16

Tgt Ion: 91 Resp: 1352380
Ion Ratio Lower Upper
91 100
126 31.2 15.7 47.1

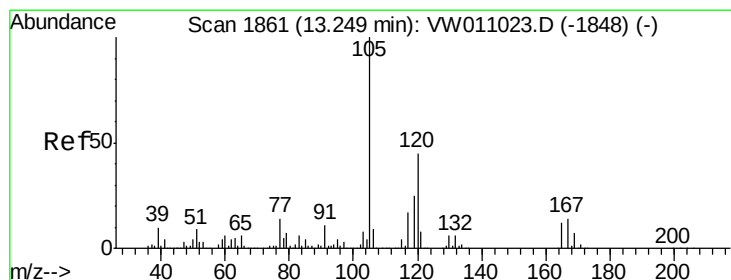
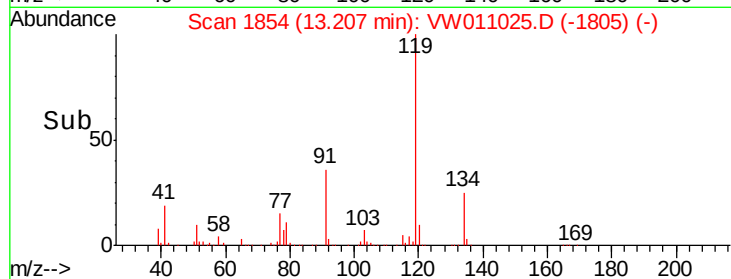
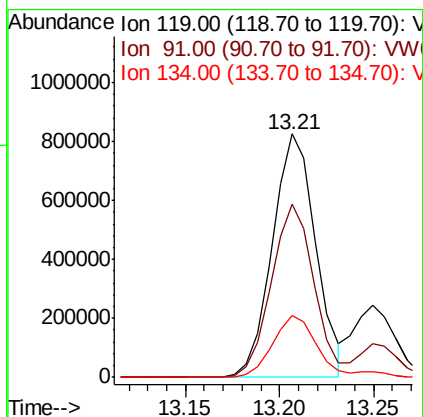
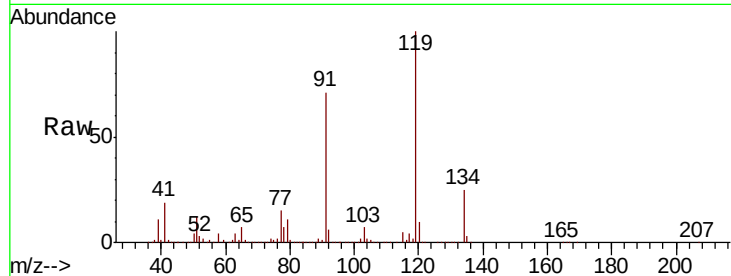




#83
 tert-Butylbenzene
 Concen: 152.457 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

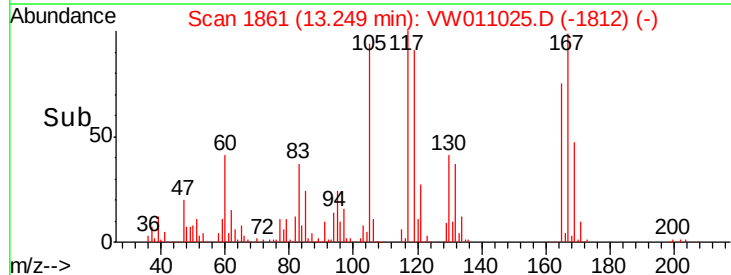
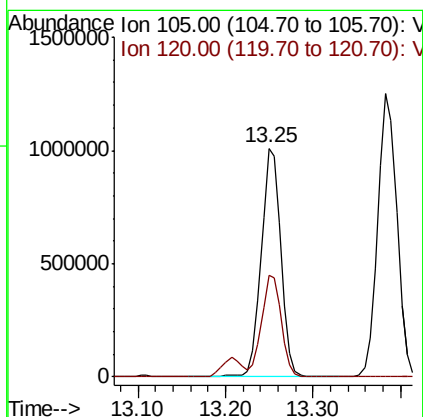
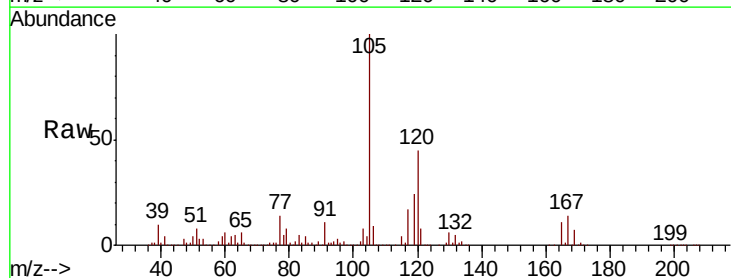
Instrument :
 MSVOA_W
 ClientSampleId :

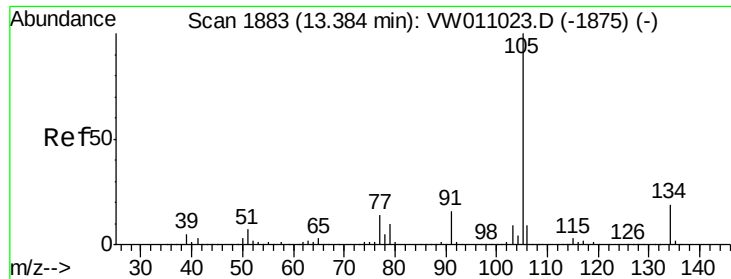
Tot Ion:119 Resp: 1316014
 Ion Ratio Lower Upper
 119 100
 91 70.8 35.5 106.5
 134 26.9 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 154.256 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Tgt Ion:105 Resp: 1585568
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.4 67.2

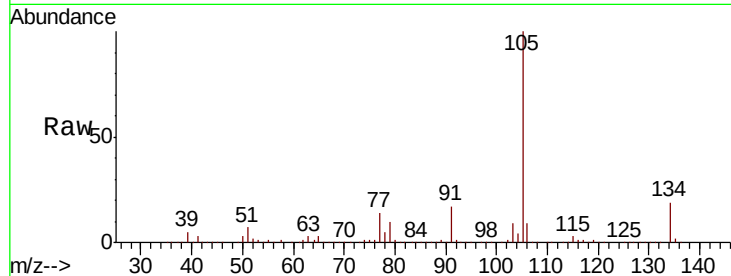




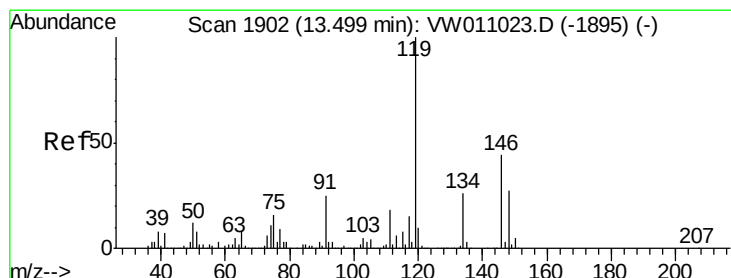
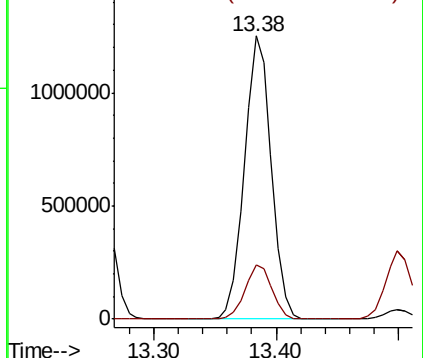
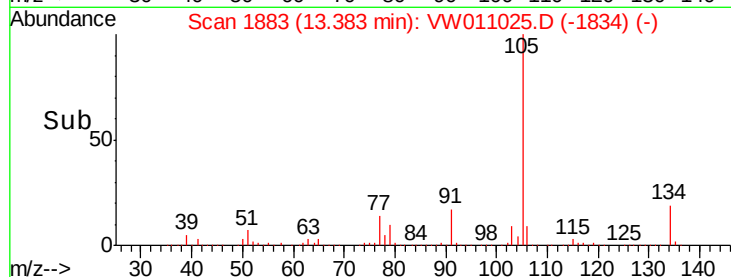
#85
 sec-Butylbenzene
 Concen: 151.075 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:105 Resp: 1897263
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.8

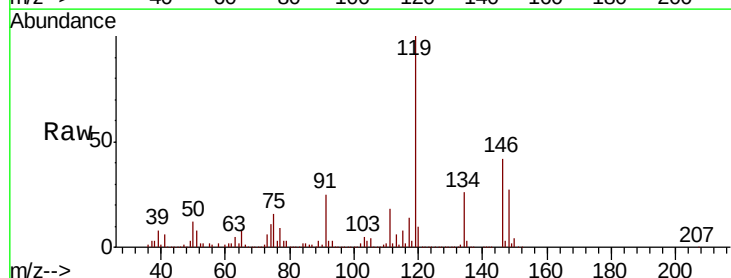


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

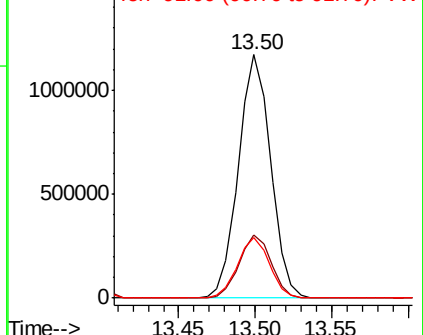
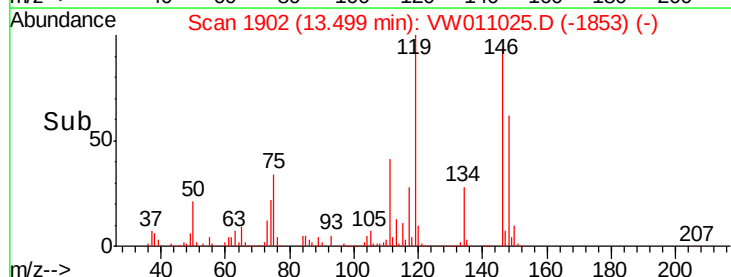


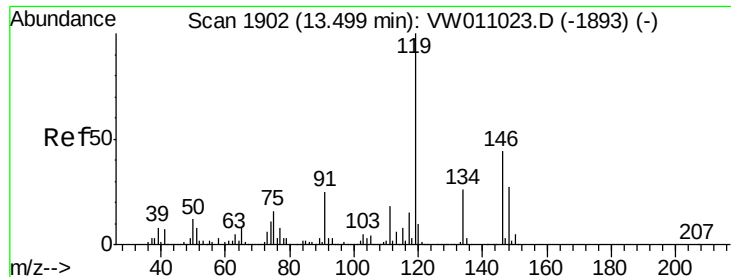
#86
 p-Isopropyltoluene
 Concen: 152.378 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Tgt Ion:119 Resp: 1713022
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.8 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

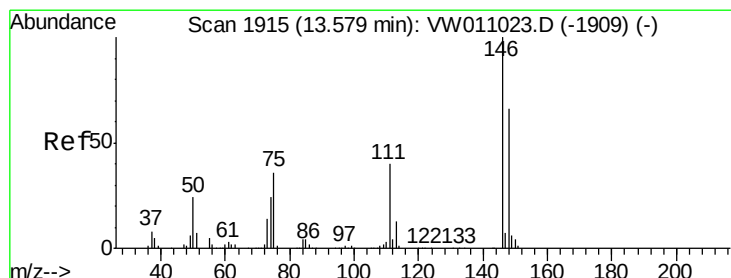
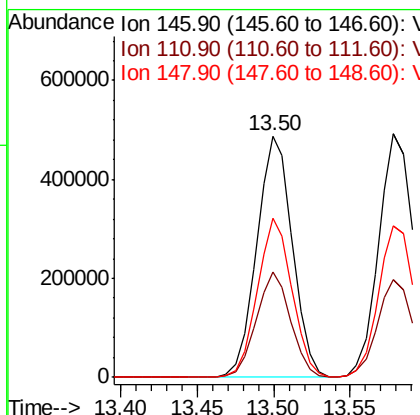
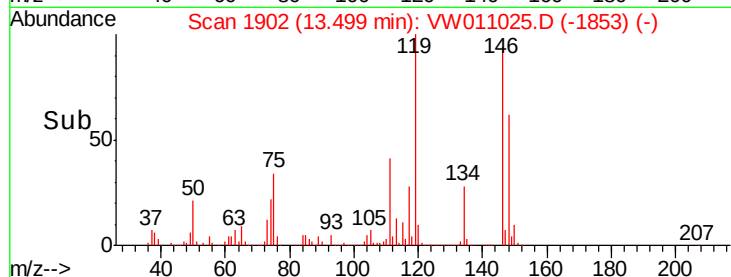
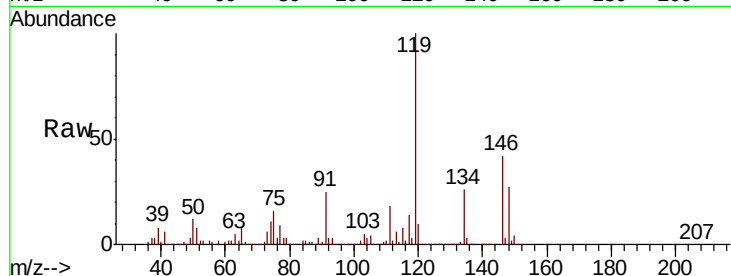




#87
 1,3-Dichlorobenzene
 Concen: 150.782 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

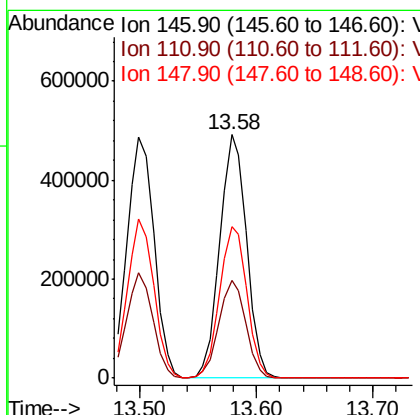
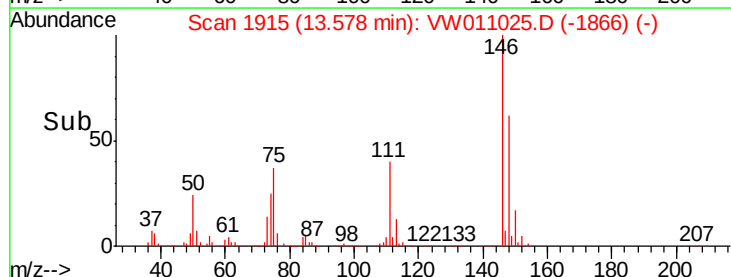
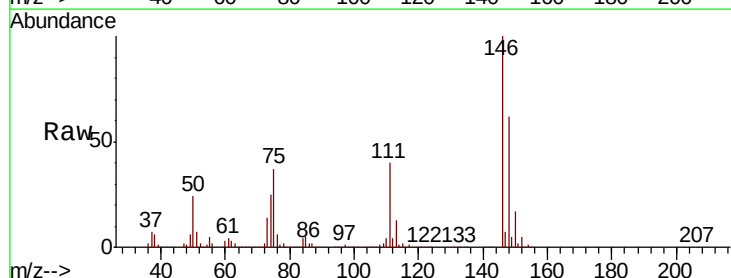
Instrument :
 MSVOA_W
 ClientSampleId :

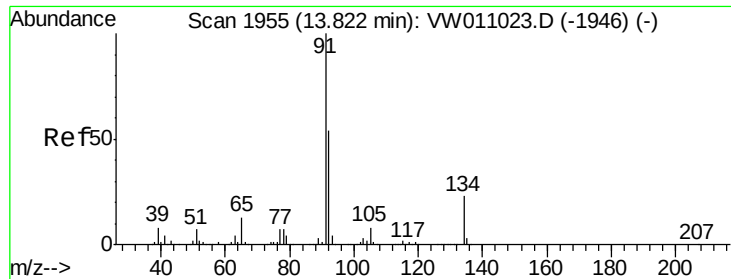
Tot Ion:146 Resp: 788602
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.9 62.8
 148 64.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 150.047 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Tgt Ion:146 Resp: 780139
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.6 61.9
 148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 154.264 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Instrument :

MSVOA_W

ClientSampled :

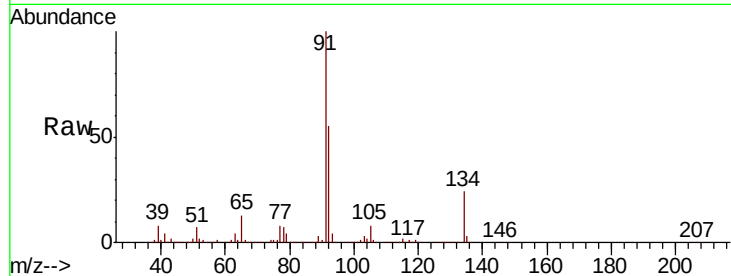
Tot Ion: 91 Resp: 1735138

Ion Ratio Lower Upper

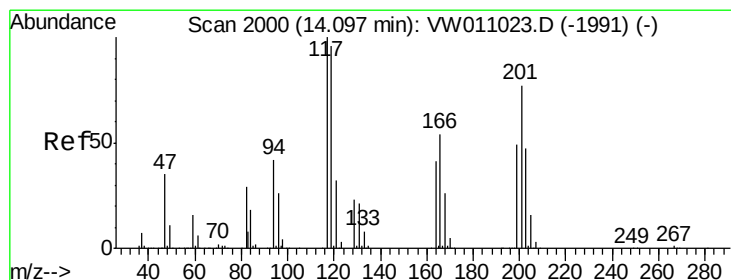
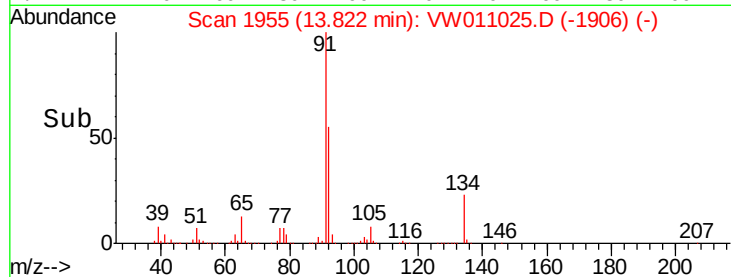
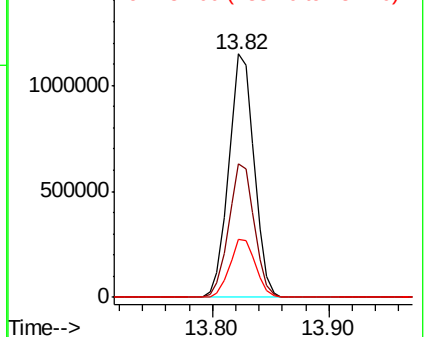
91 100

92 55.0 27.1 81.2

134 24.2 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 158.440 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW011025.D

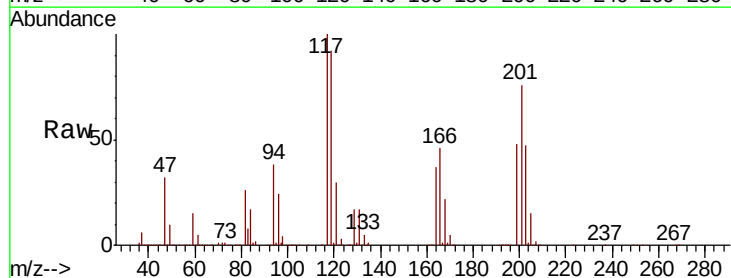
Acq: 27 Jun 2019 17:16

Tgt Ion: 117 Resp: 316030

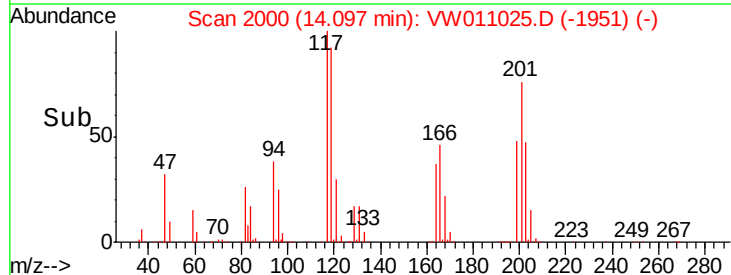
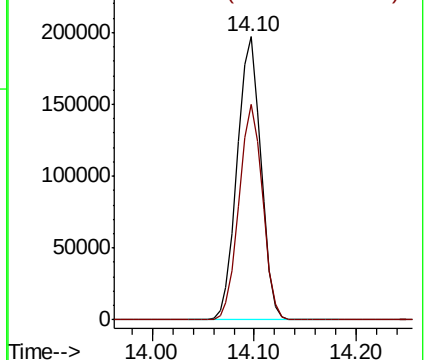
Ion Ratio Lower Upper

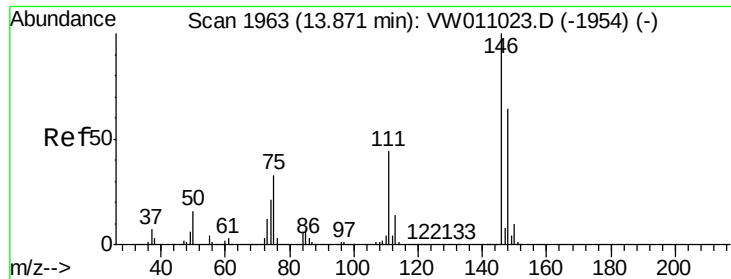
117 100

201 75.9 38.0 114.0



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

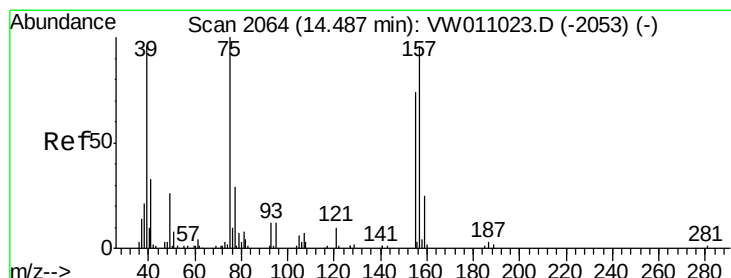
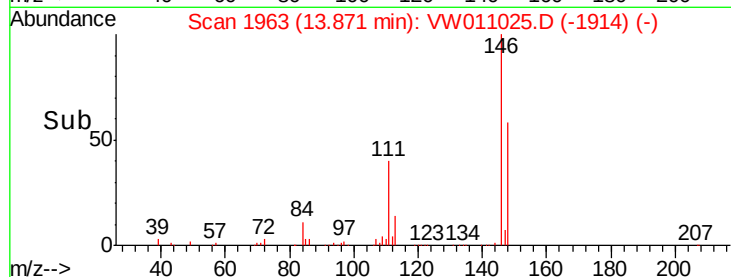
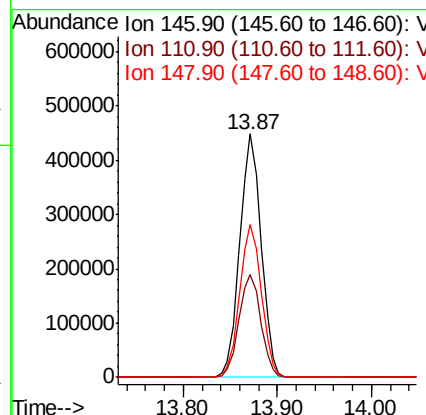
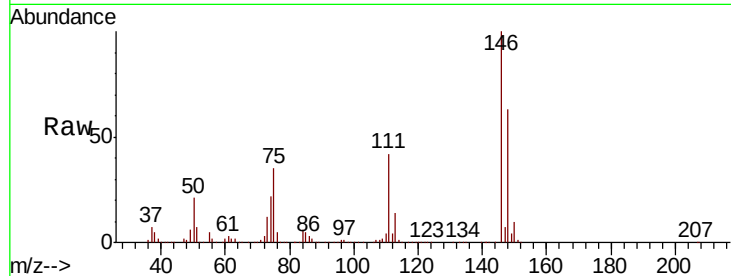




#91
 1,2-Dichlorobenzene
 Concen: 149.818 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

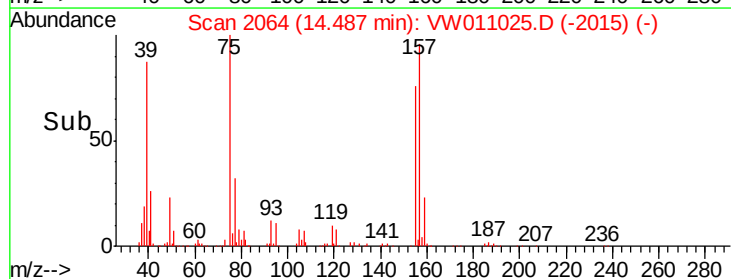
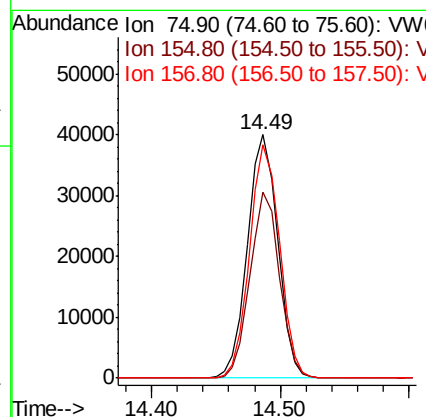
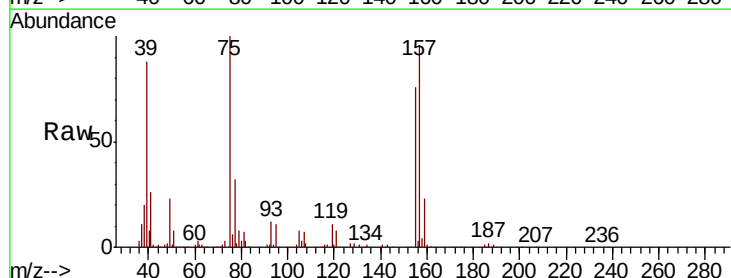
Instrument :
 MSVOA_W
 ClientSampleId :

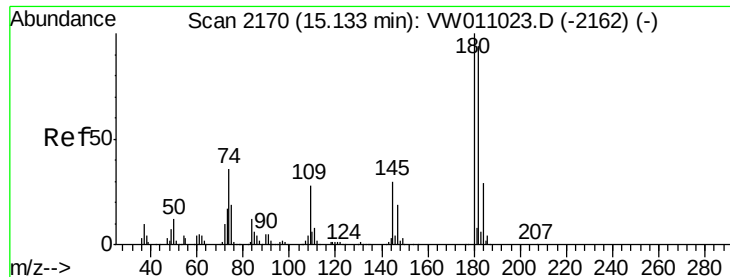
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.4	64.3
148	63.7	31.8	95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 157.830 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.5	37.0	110.9
157	94.8	45.9	137.7

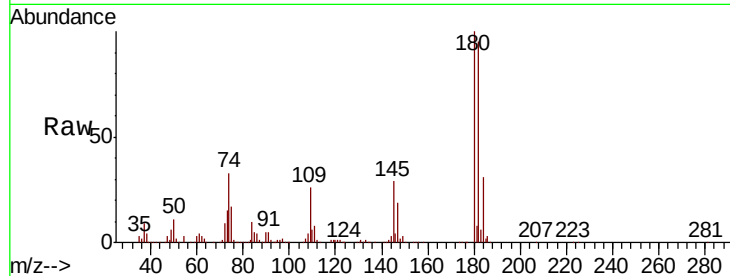




#93
 1,2,4-Trichlorobenzene
 Concen: 153.709 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.4	142.2
145	30.7	15.3	45.8

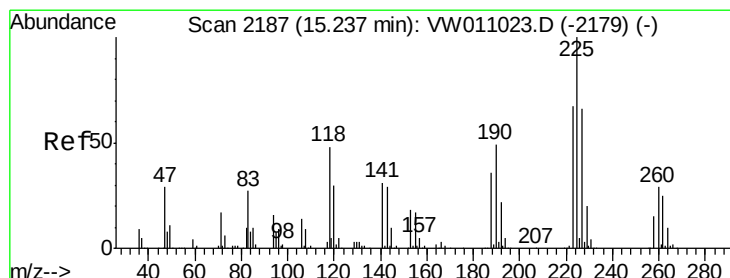
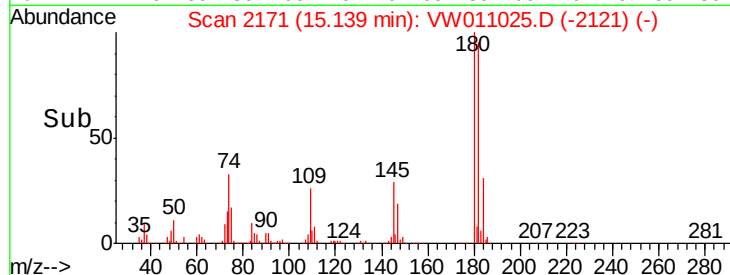
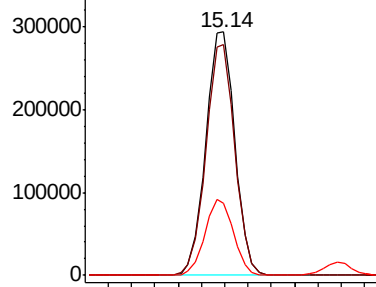


Abundance

Ion 179.80 (179.50 to 180.50): V

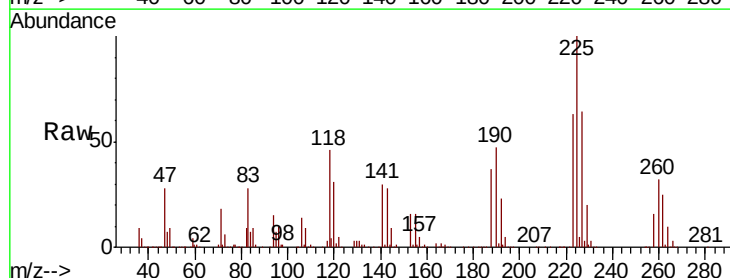
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 145.770 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW011025.D
 Acq: 27 Jun 2019 17:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.9	95.9
227	62.7	31.9	95.9

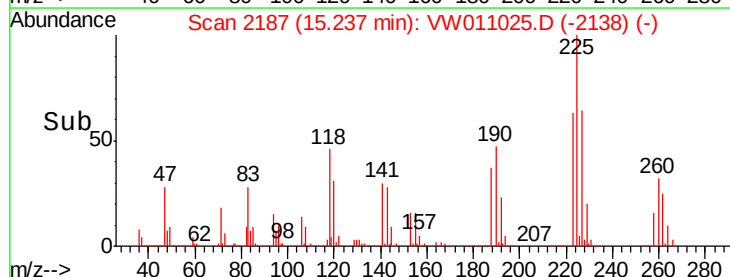
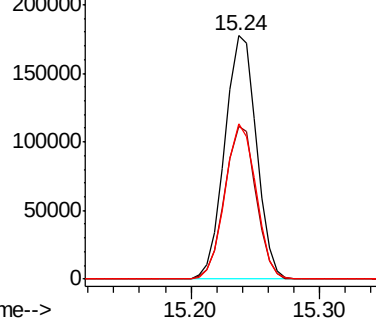


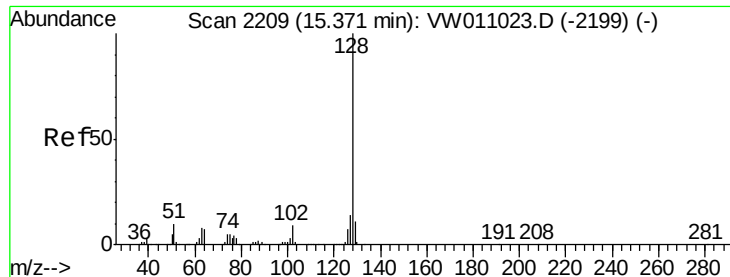
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 165.979 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

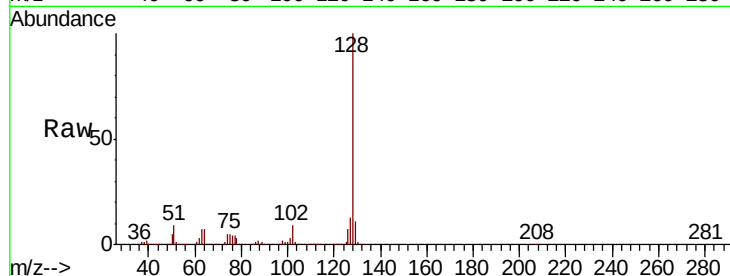
Instrument :

MSVOA_W

ClientSampleId :

Tot Ion:128 Resp: 1010817

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	10.9	8.8	13.2

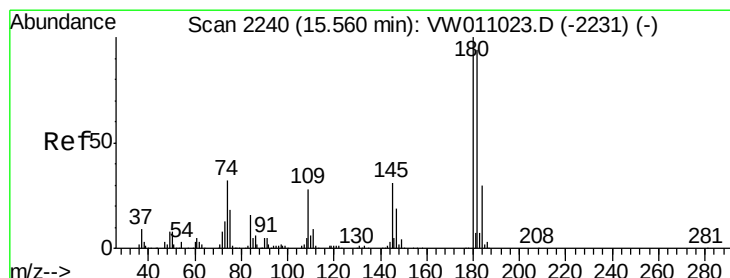
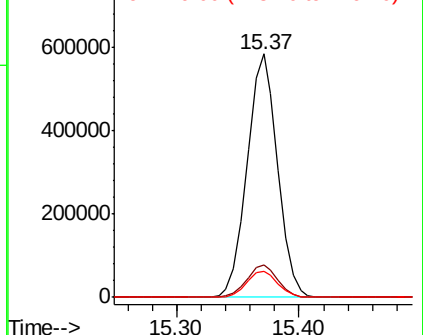
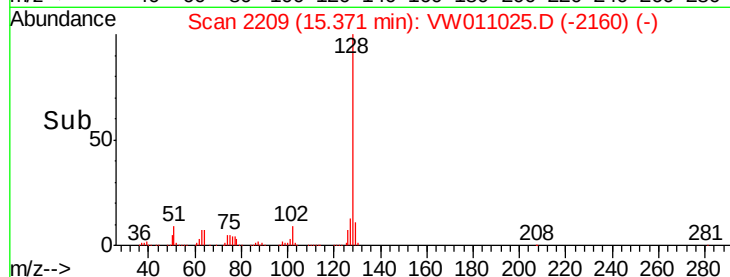


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 159.169 ug/l

RT: 15.56 min Scan# 2240

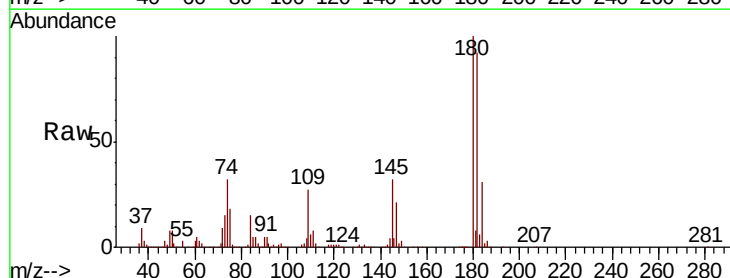
Delta R.T. -0.00 min

Lab File: VW011025.D

Acq: 27 Jun 2019 17:16

Tgt Ion:180 Resp: 451308

Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.9	143.7
145	32.1	16.1	48.2



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

