

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\
 Data File : VW015645.D
 Acq On : 22 Jun 2020 13:24
 Operator : SY/VA
 Sample : VW0622SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Quant Time: Jun 23 05:44:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	333725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	297480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	141162	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	105071	45.18	ug/l	0.00
Spiked Amount			Recovery	=	90.36%	
35) Dibromofluoromethane	7.88	113	101014	51.35	ug/l	0.00
Spiked Amount			Recovery	=	102.70%	
50) Toluene-d8	10.32	98	417584	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.62	95	141023	48.80	ug/l	0.00
Spiked Amount			Recovery	=	97.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	24786	20.164	ug/l	98
3) Chloromethane	2.21	50	30804	20.390	ug/l	98
4) Vinyl Chloride	2.37	62	49047	20.831	ug/l	98
5) Bromomethane	2.78	94	35936	21.649	ug/l	100
6) Chloroethane	2.93	64	31713	20.807	ug/l	97
7) Trichlorofluoromethane	3.26	101	37003	21.059	ug/l	99
8) Diethyl Ether	3.68	74	17675	16.586	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42069	19.679	ug/l	98
10) Methyl Iodide	4.26	142	58947	18.675	ug/l	100
11) Tert butyl alcohol	5.20	59	13466	63.249	ug/l	97
12) 1,1-Dichloroethene	4.04	96	41619	19.562	ug/l	99
13) Acrolein	3.90	56	11483	80.885	ug/l	100
14) Allyl chloride	4.67	41	65518	18.106	ug/l	97
15) Acrylonitrile	5.37	53	32560	73.895	ug/l	98
16) Acetone	4.13	43	32314	60.443	ug/l	99
17) Carbon Disulfide	4.38	76	121216	19.077	ug/l	99
18) Methyl Acetate	4.67	43	15751	15.102	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	54528	16.515	ug/l	99
20) Methylene Chloride	4.92	84	47588	19.549	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	46083	19.144	ug/l	100
22) Diisopropyl ether	6.32	45	120738	17.657	ug/l	100
23) Vinyl Acetate	6.26	43	318866	78.647	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81825	18.991	ug/l	100
25) 2-Butanone	7.18	43	45644	73.125	ug/l	97
26) 2,2-Dichloropropane	7.17	77	57691	19.064	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	48013	18.337	ug/l	96
28) Bromochloromethane	7.51	49	30217	18.687	ug/l	100
29) Tetrahydrofuran	7.54	42	27120	73.286	ug/l	97
30) Chloroform	7.68	83	80819	18.685	ug/l	100
31) Cyclohexane	7.96	56	80249	19.073	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	74210	19.865	ug/l	99
36) 1,1-Dichloropropene	8.09	75	69380	20.547	ug/l	99
37) Ethyl Acetate	7.26	43	20622	15.736	ug/l	99
38) Carbon Tetrachloride	8.07	117	68111	20.603	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062220\
 Data File : VW015645.D
 Acq On : 22 Jun 2020 13:24
 Operator : SY/VA
 Sample : VW0622SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Quant Time: Jun 23 05:44:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 02 13:57:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	83646	20.087	ug/l	96
40) Benzene	8.32	78	180736	19.835	ug/l	100
41) Methacrylonitrile	7.48	41	11746	15.605	ug/l	92
42) 1,2-Dichloroethane	8.40	62	50526	18.168	ug/l	99
43) Isopropyl Acetate	8.43	43	42398	16.286	ug/l	98
44) Trichloroethene	9.09	130	49998	20.563	ug/l	94
45) 1,2-Dichloropropane	9.37	63	42158	18.967	ug/l	97
46) Dibromomethane	9.46	93	20265	17.859	ug/l	99
47) Bromodichloromethane	9.65	83	56301	18.336	ug/l	99
48) Methyl methacrylate	9.44	41	18637	15.661	ug/l	97
49) 1,4-Dioxane	9.46	88	4552	283.047	ug/l #	79
51) 4-Methyl-2-Pentanone	10.21	43	98105	79.315	ug/l	99
52) Toluene	10.39	92	116502	19.821	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	49615	16.393	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	62373	17.488	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	27702	17.490	ug/l	97
56) Ethyl methacrylate	10.65	69	32229	15.643	ug/l	98
57) 1,3-Dichloropropane	10.93	76	48409	17.259	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	85460	86.754	ug/l	100
59) 2-Hexanone	10.97	43	65914	77.042	ug/l	99
60) Dibromochloromethane	11.13	129	32256	16.690	ug/l	98
61) 1,2-Dibromoethane	11.24	107	25827	17.038	ug/l	100
64) Tetrachloroethene	10.87	164	41424	20.781	ug/l	87
65) Chlorobenzene	11.66	112	117452	19.368	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	39995	18.454	ug/l	100
67) Ethyl Benzene	11.73	91	225715	19.781	ug/l	99
68) m/p-Xylenes	11.84	106	168667	39.561	ug/l	99
69) o-Xylene	12.17	106	75650	19.048	ug/l	98
70) Styrene	12.18	104	125065	18.437	ug/l	99
71) Bromoform	12.35	173	16300	15.648	ug/l #	99
73) Isopropylbenzene	12.47	105	219369	20.325	ug/l	99
74) N-amyl acetate	12.27	43	38506	16.621	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	29495	17.735	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	38951	32.722	ug/l #	100
77) Bromobenzene	12.75	156	45090	19.347	ug/l	96
78) n-propylbenzene	12.80	91	265079	20.557	ug/l	100
79) 2-Chlorotoluene	12.90	91	144953	19.804	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	185583	20.404	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	8289	14.999	ug/l	92
82) 4-Chlorotoluene	12.99	91	152588	20.193	ug/l	99
83) tert-Butylbenzene	13.21	119	156881	20.211	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	183547	20.194	ug/l	100
85) sec-Butylbenzene	13.38	105	230800	21.069	ug/l	99
86) p-Isopropyltoluene	13.50	119	201755	20.107	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	92914	20.096	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	90974	19.749	ug/l	96
89) n-Butylbenzene	13.82	91	198946	20.655	ug/l	99
90) Hexachloroethane	14.10	117	35809	19.400	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	75382	18.673	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4437	15.475	ug/l	97

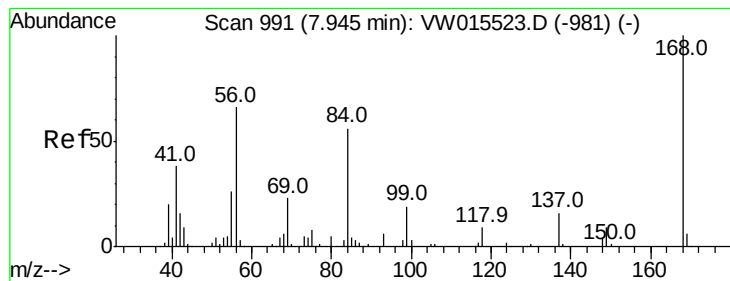
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW062220\
Data File : VW015645.D
Acq On : 22 Jun 2020 13:24
Operator : SY/VA
Sample : VW0622SBS01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Quant Time: Jun 23 05:44:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W060220S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 02 13:57:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	47664	17.188	ug/l	99
94) Hexachlorobutadiene	15.24	225	32669	19.318	ug/l	99
95) Naphthalene	15.37	128	71316	15.206	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	38650	16.546	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

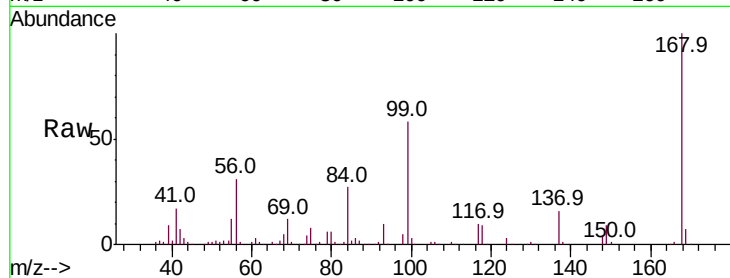
VW0622SBS01

Tot Ion:168 Resp: 220039

Ion Ratio Lower Upper

168 100

99 58.1 48.6 73.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

40000

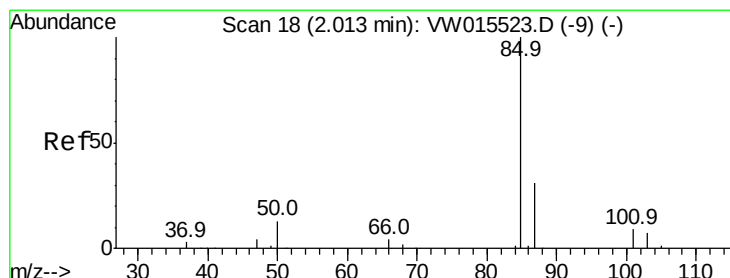
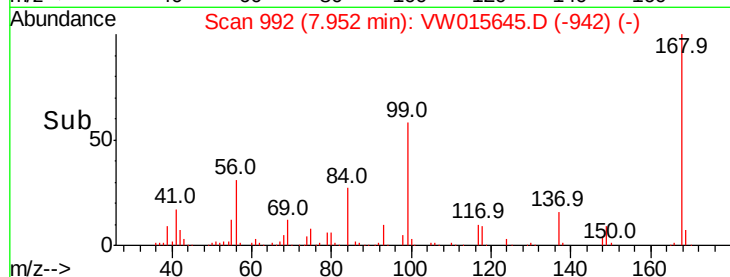
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.164 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015645.D

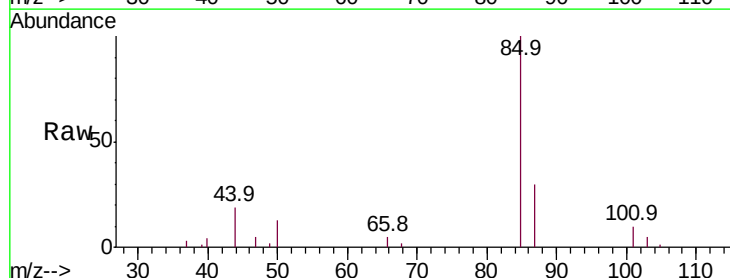
Acq: 22 Jun 2020 13:24

Tgt Ion: 85 Resp: 24786

Ion Ratio Lower Upper

85 100

87 29.6 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

6000

4000

2000

0

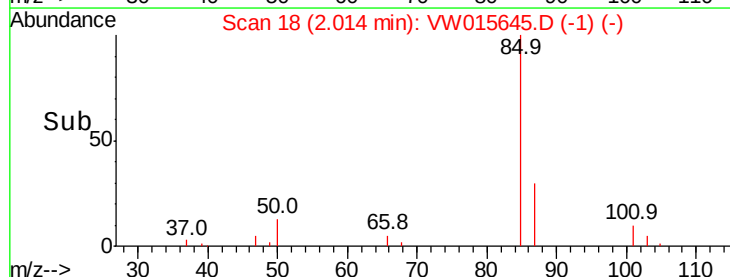
1.90

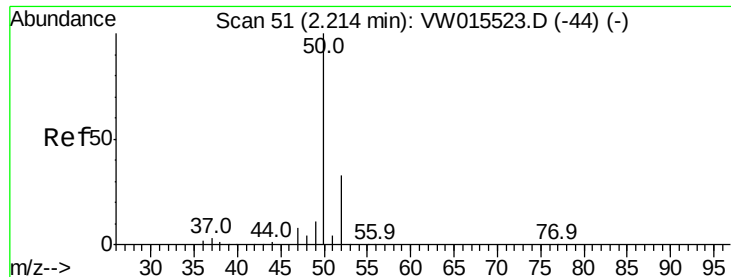
2.00

2.10

2.20

Time-->





#3

Chloromethane

Concen: 20.390 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

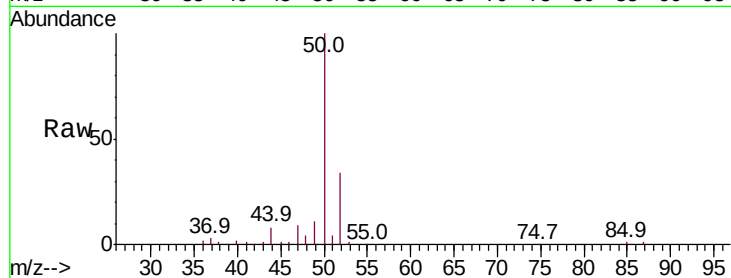
VW0622SBS01

Tot Ion: 50 Resp: 30804

Ion Ratio Lower Upper

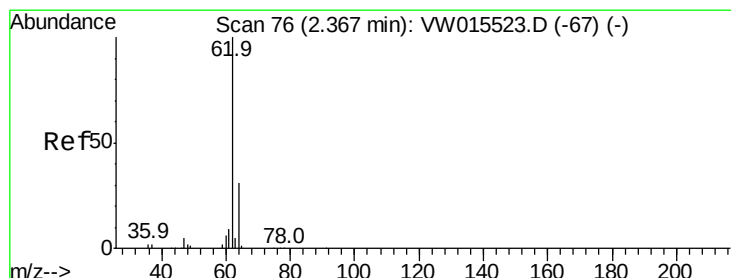
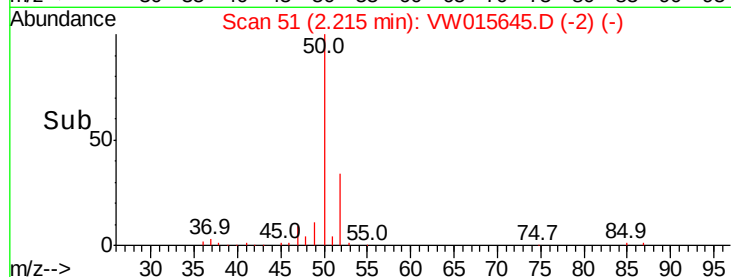
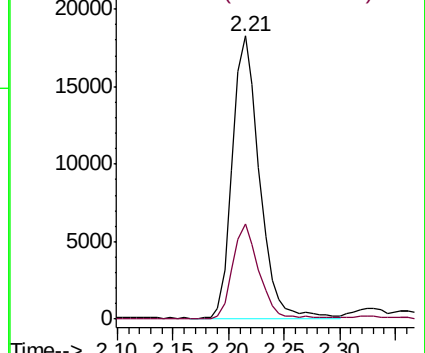
50 100

52 33.9 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 20.831 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015645.D

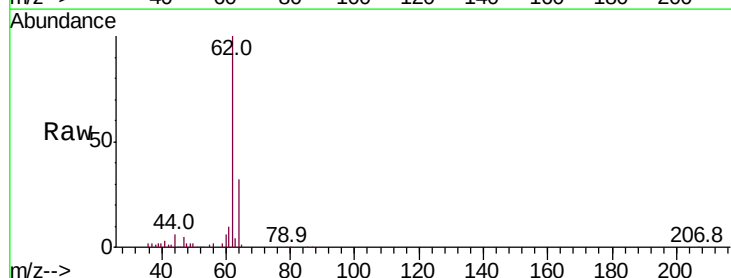
Acq: 22 Jun 2020 13:24

Tgt Ion: 62 Resp: 49047

Ion Ratio Lower Upper

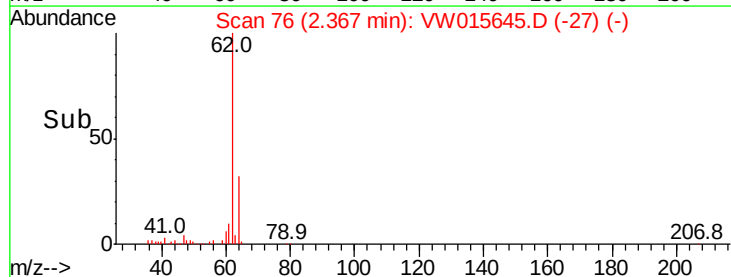
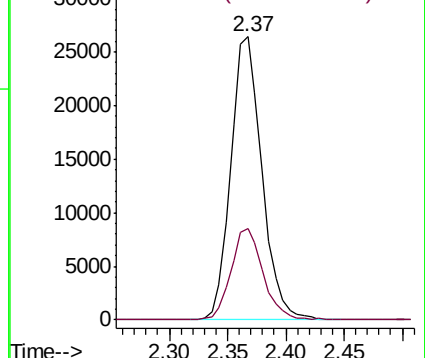
62 100

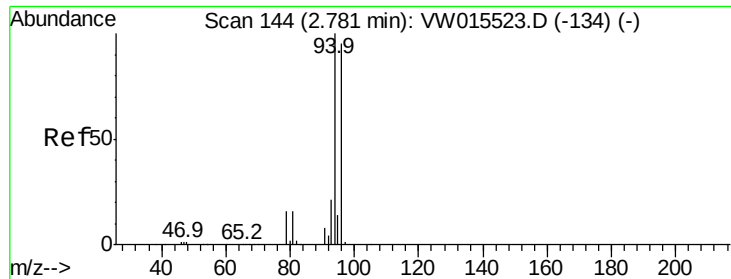
64 32.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 21.649 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

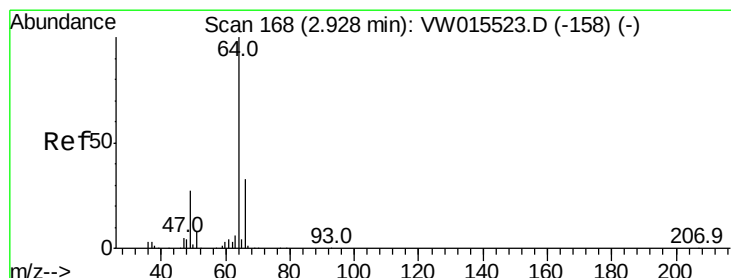
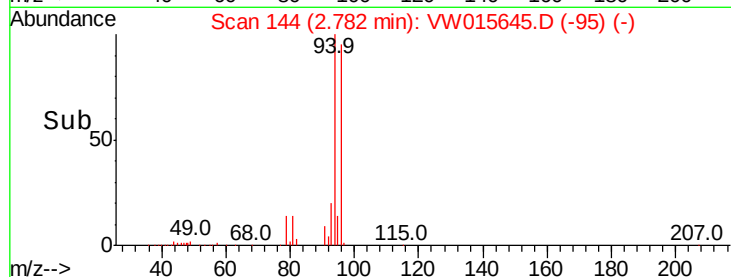
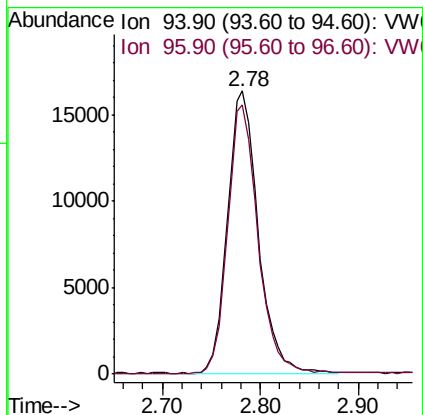
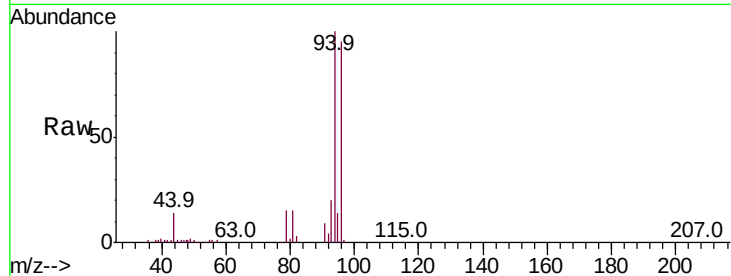
VW0622SBS01

Tot Ion: 94 Resp: 35936

Ion Ratio Lower Upper

94 100

96 95.3 76.0 114.0



#6

Chloroethane

Concen: 20.807 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW015645.D

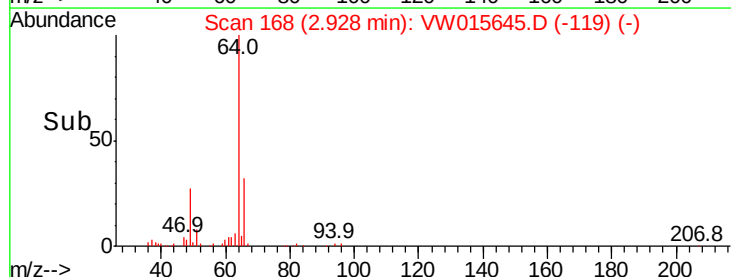
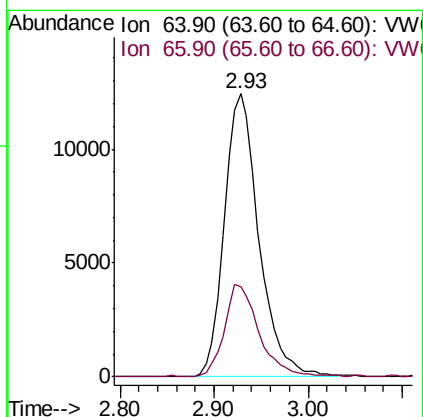
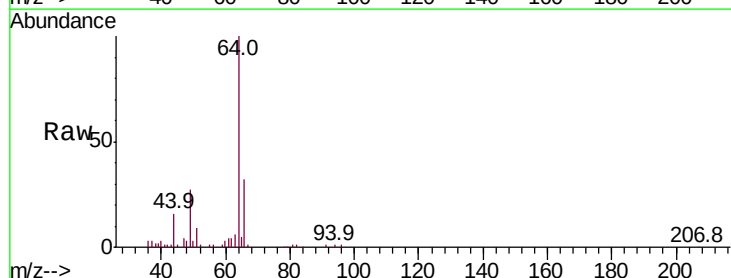
Acq: 22 Jun 2020 13:24

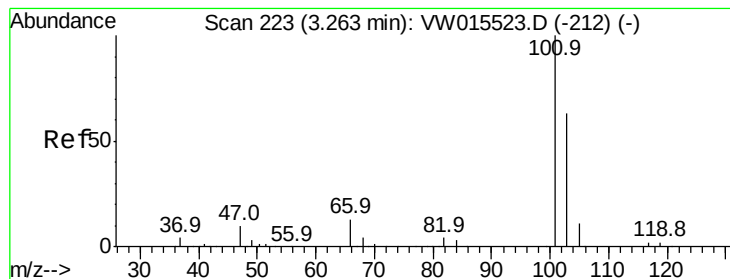
Tgt Ion: 64 Resp: 31713

Ion Ratio Lower Upper

64 100

66 31.8 26.8 40.2



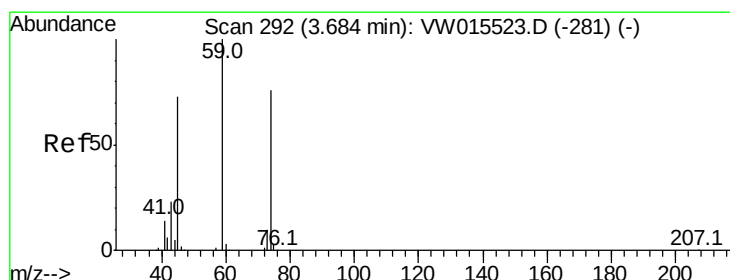
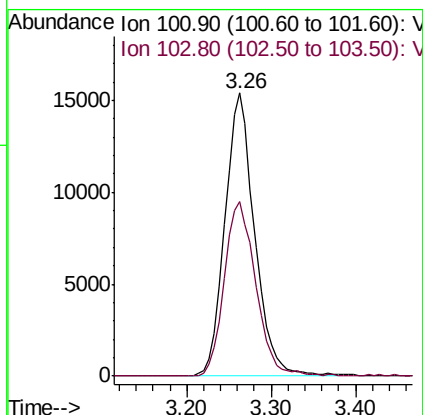
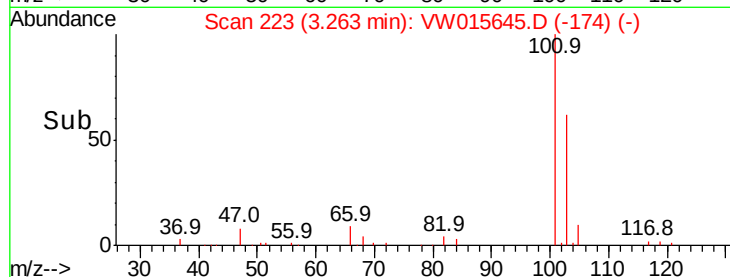
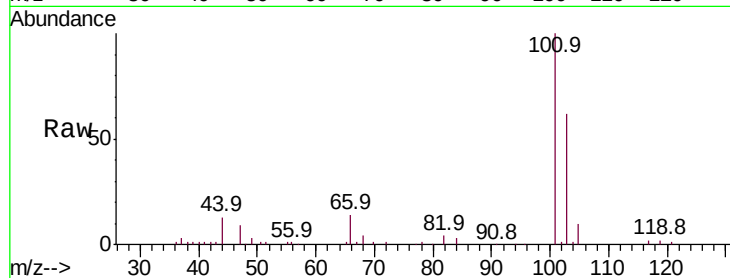


#7

Trichlorofluoromethane
Concen: 21.059 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

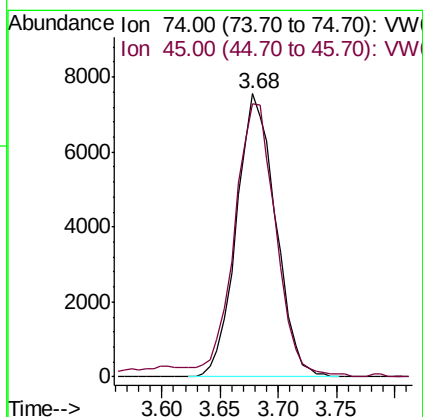
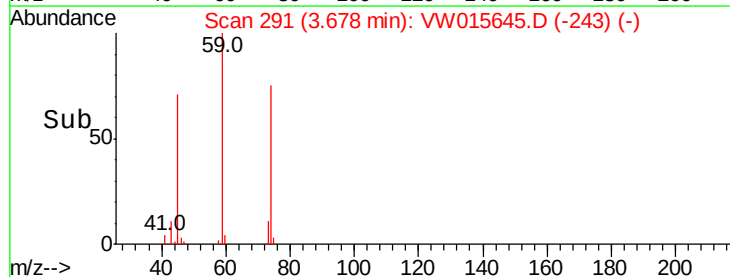
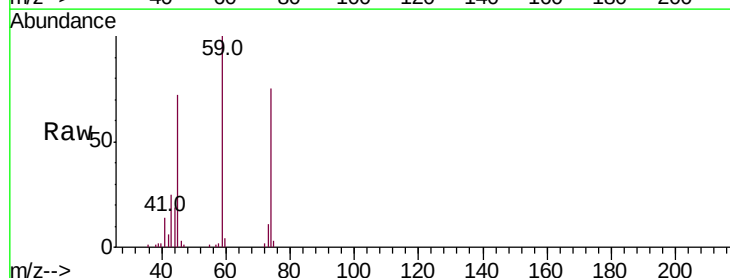
Tot Ion:101 Resp: 37003
Ion Ratio Lower Upper
101 100
103 61.9 50.2 75.2

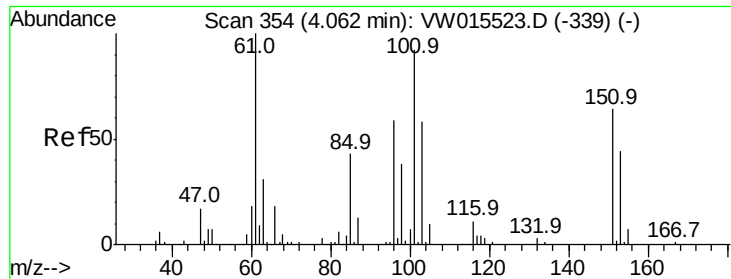


#8

Diethyl Ether
Concen: 16.586 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 74 Resp: 17675
Ion Ratio Lower Upper
74 100
45 101.9 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.679 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampled :

VW0622SBS01

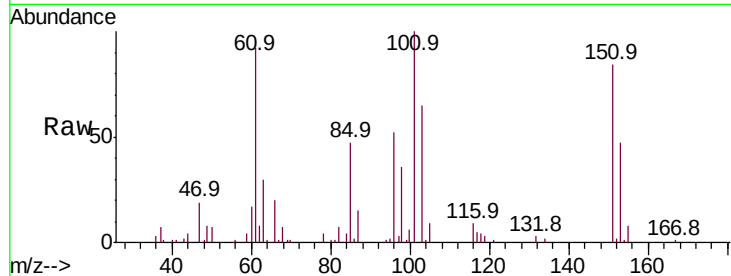
Tot Ion:101 Resp: 42069

Ion Ratio Lower Upper

101 100

85 46.3 37.0 55.6

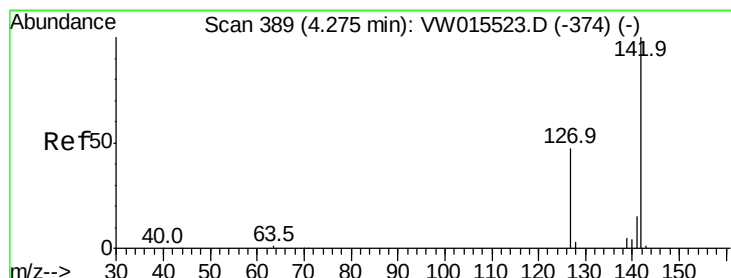
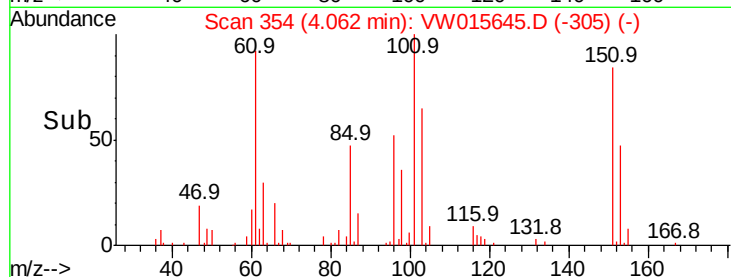
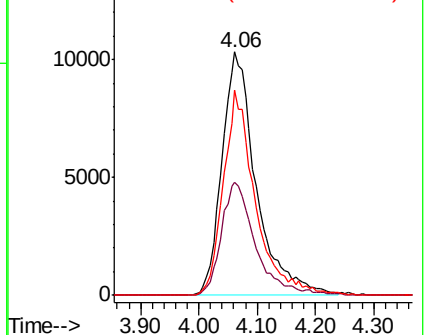
151 79.0 61.1 91.7



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: 18.675 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

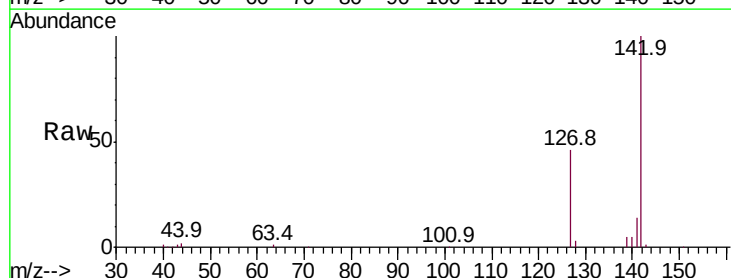
Tgt Ion:142 Resp: 58947

Ion Ratio Lower Upper

142 100

127 46.3 36.9 55.3

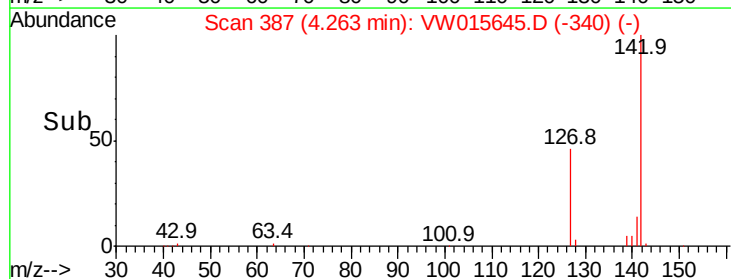
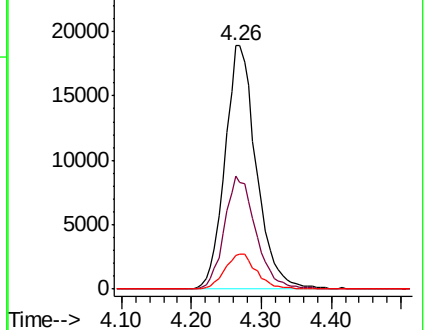
141 14.3 11.7 17.5

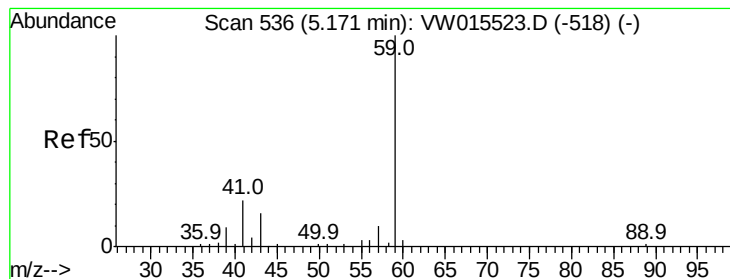


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



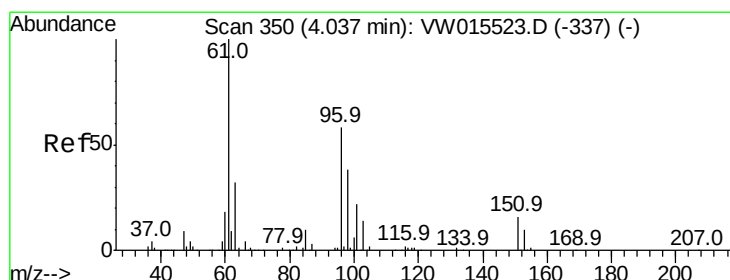
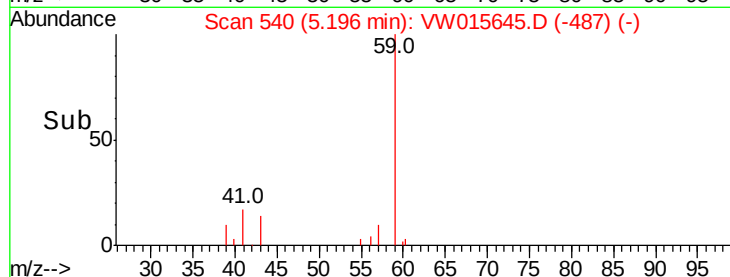
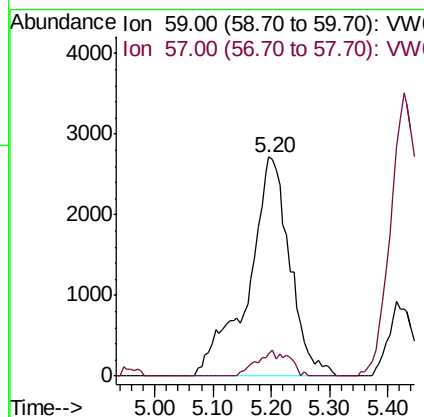
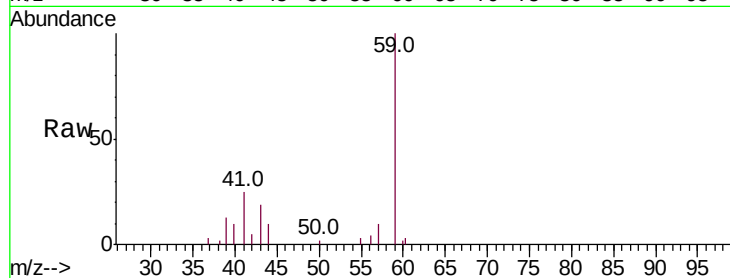


#11

Tert butyl alcohol
 Concen: 63.249 ug/l
 RT: 5.20 min Scan# 540
 Delta R.T. 0.02 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

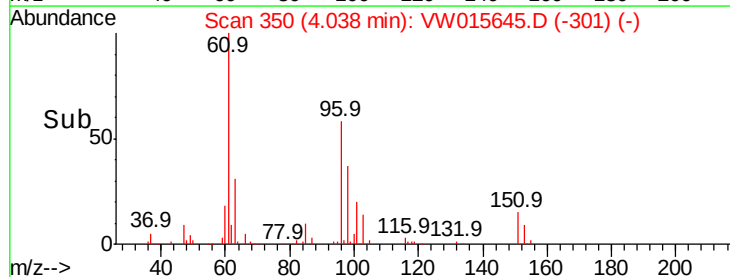
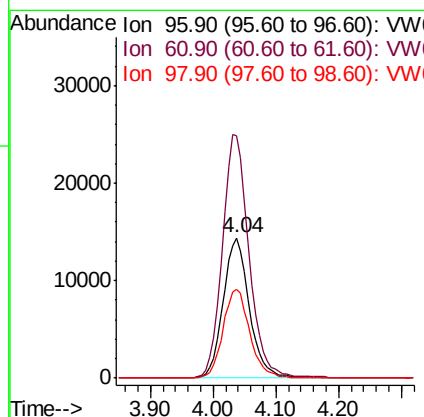
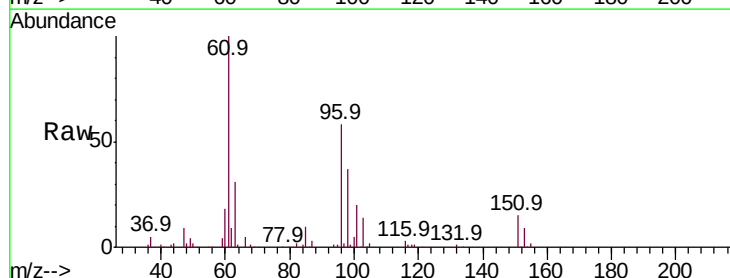
Tot Ion: 59 Resp: 13466
 Ion Ratio Lower Upper
 59 100
 57 9.1 8.3 12.5

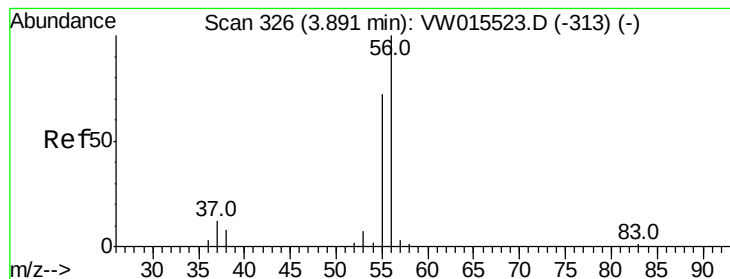


#12

1,1-Dichloroethene
 Concen: 19.562 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion: 96 Resp: 41619
 Ion Ratio Lower Upper
 96 100
 61 172.7 138.3 207.5
 98 63.5 52.2 78.4





#13

Acrolein

Concen: 80.885 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

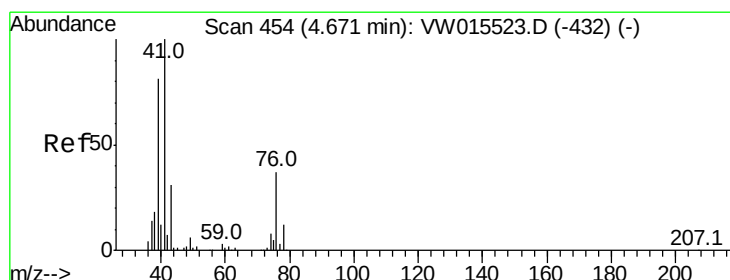
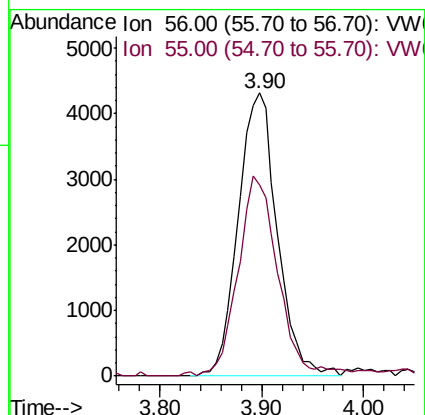
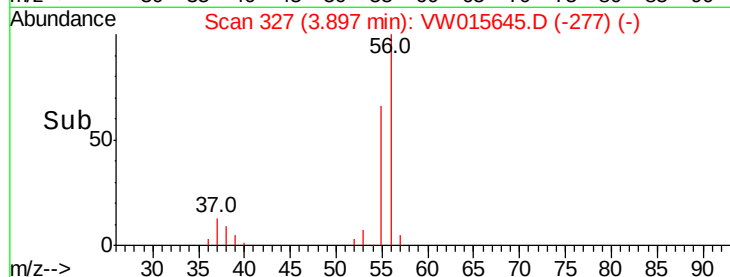
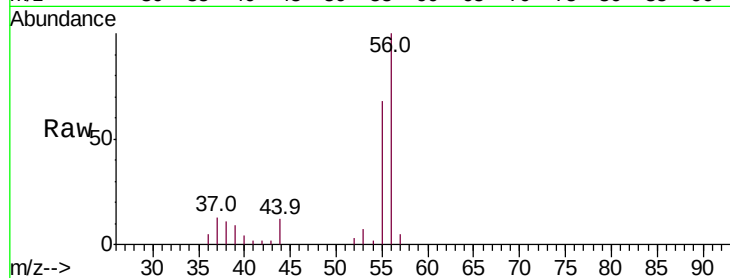
VW0622SBS01

Tot Ion: 56 Resp: 11483

Ion Ratio Lower Upper

56 100

55 70.5 56.5 84.7



#14

Allyl chloride

Concen: 18.106 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

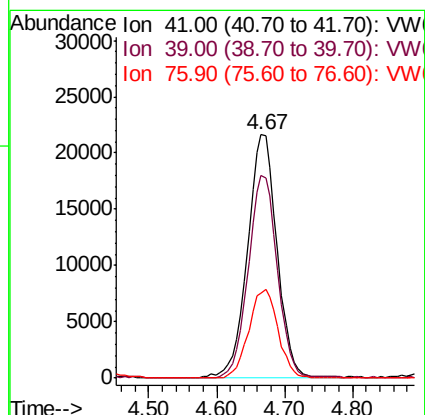
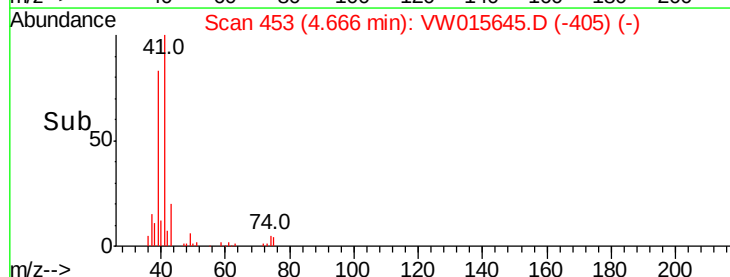
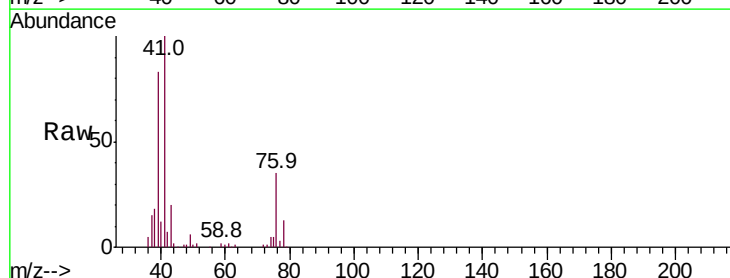
Tgt Ion: 41 Resp: 65518

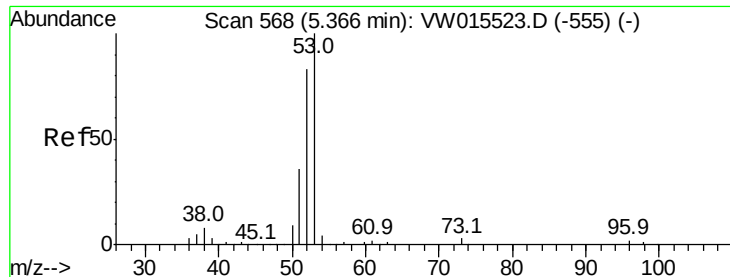
Ion Ratio Lower Upper

41 100

39 82.0 63.1 94.7

76 36.1 28.6 43.0





#15

Acrylonitrile

Concen: 73.895 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

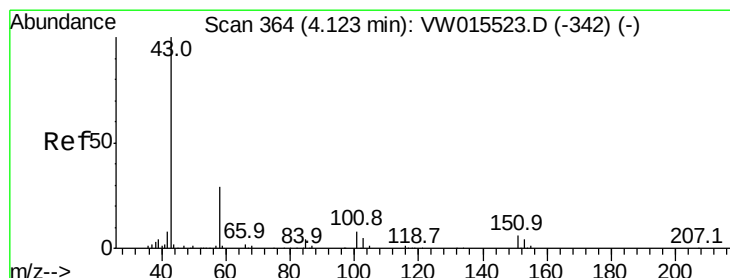
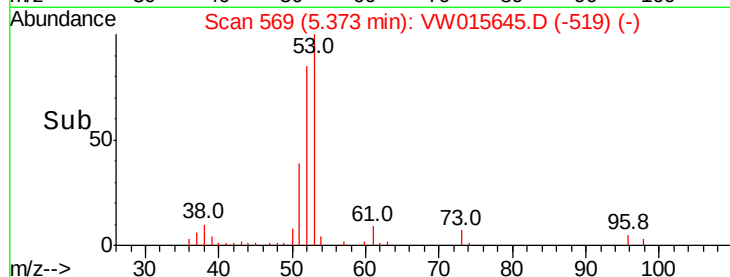
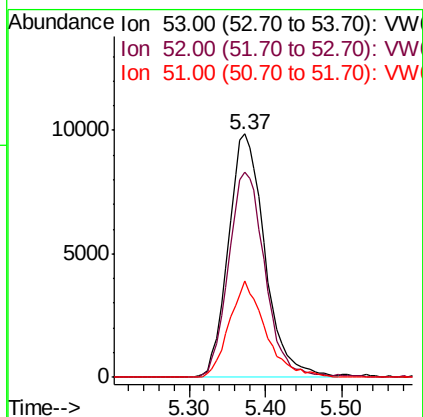
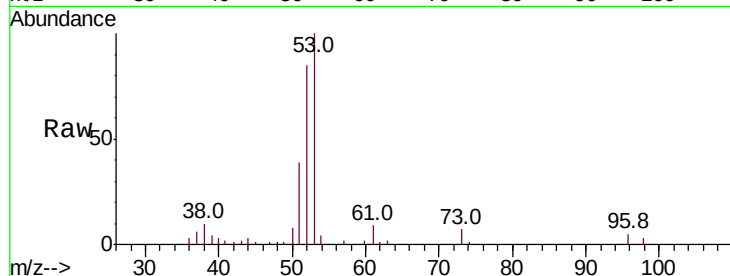
Tot Ion: 53 Resp: 32560

Ion Ratio Lower Upper

53 100

52 83.9 66.1 99.1

51 39.3 30.2 45.4



#16

Acetone

Concen: 60.443 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015645.D

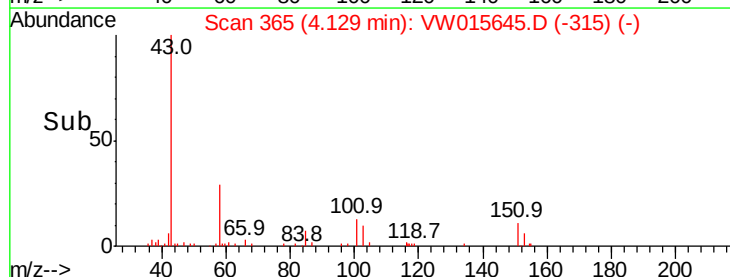
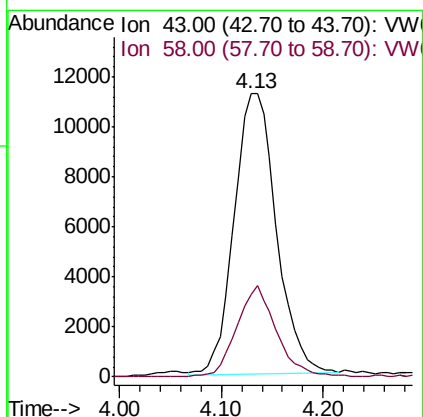
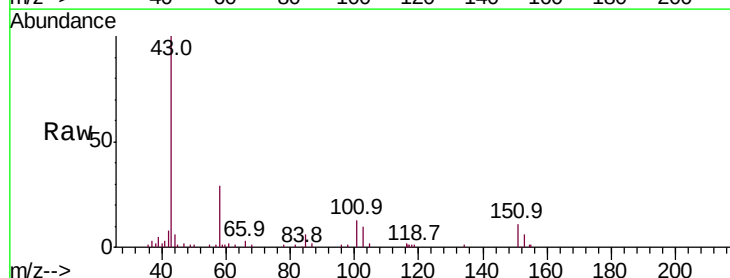
Acq: 22 Jun 2020 13:24

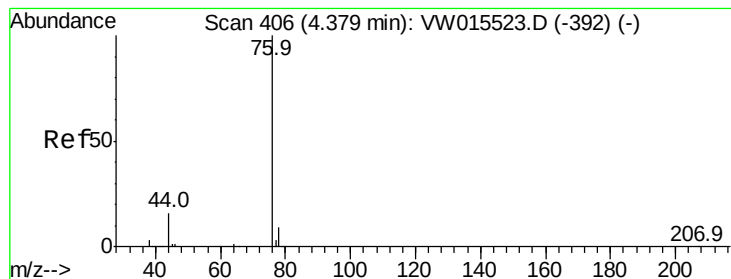
Tgt Ion: 43 Resp: 32314

Ion Ratio Lower Upper

43 100

58 29.6 23.1 34.7





#17

Carbon Disulfide

Concen: 19.077 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

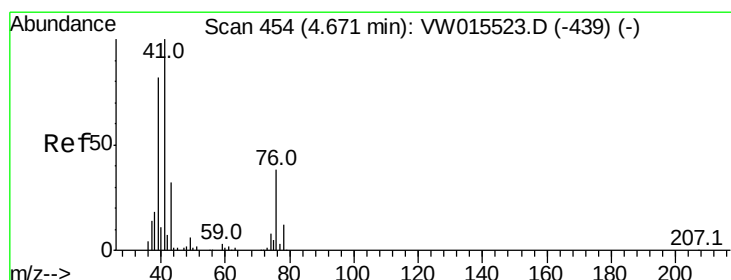
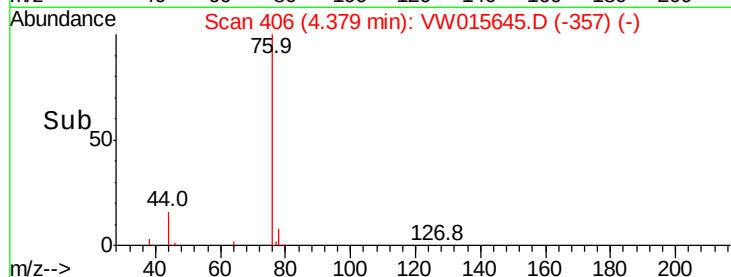
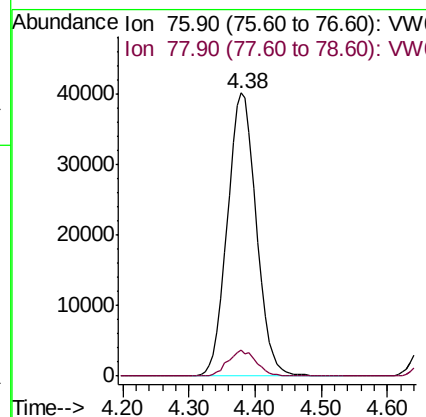
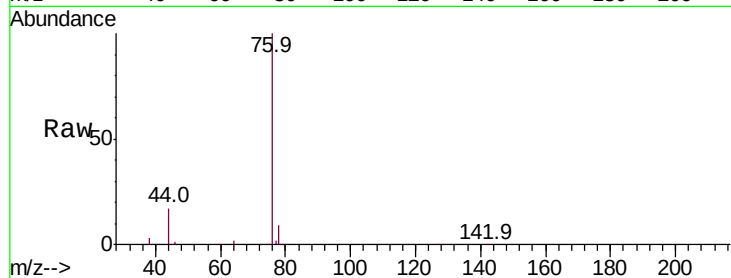
VW0622SBS01

Tot Ion: 76 Resp: 121216

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



#18

Methyl Acetate

Concen: 15.102 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW015645.D

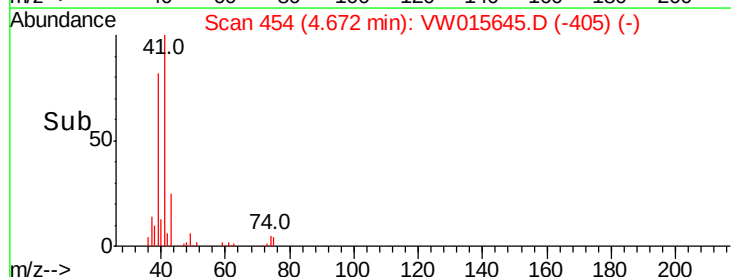
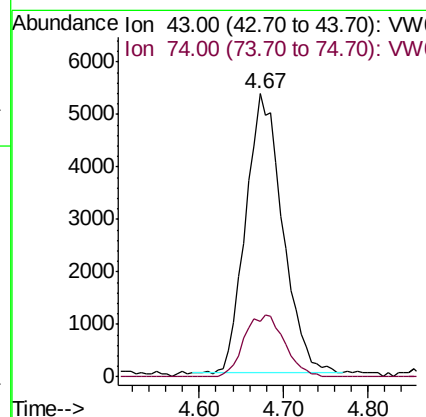
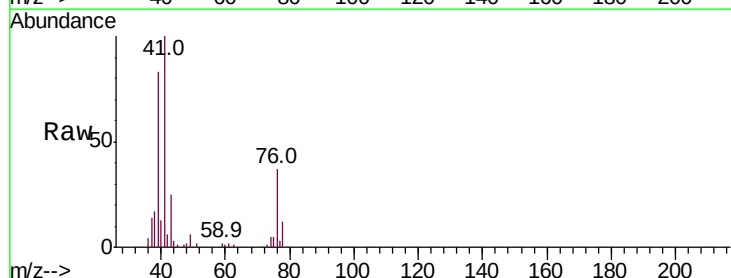
Acq: 22 Jun 2020 13:24

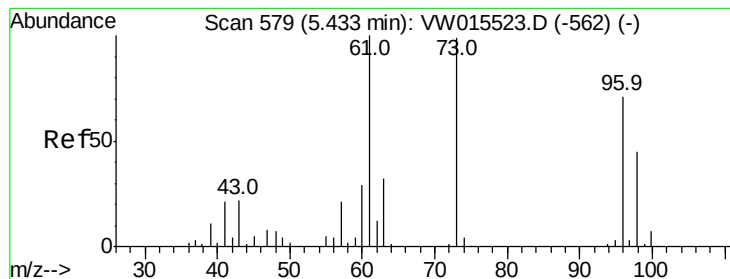
Tgt Ion: 43 Resp: 15751

Ion Ratio Lower Upper

43 100

74 24.3 18.8 28.2



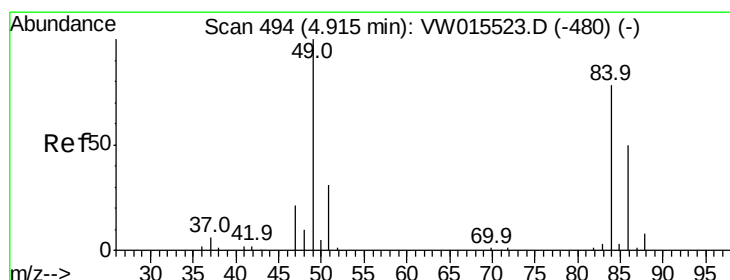
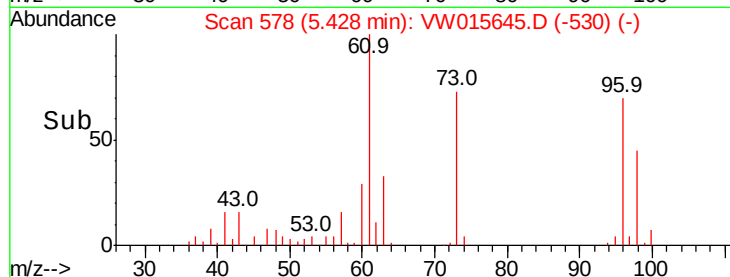
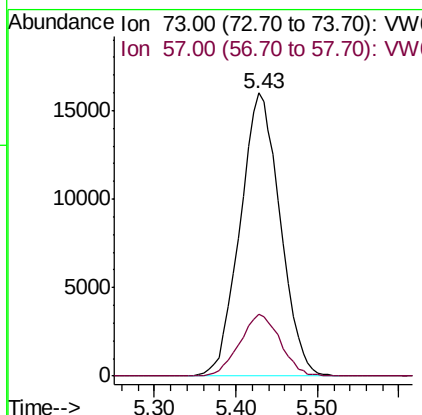
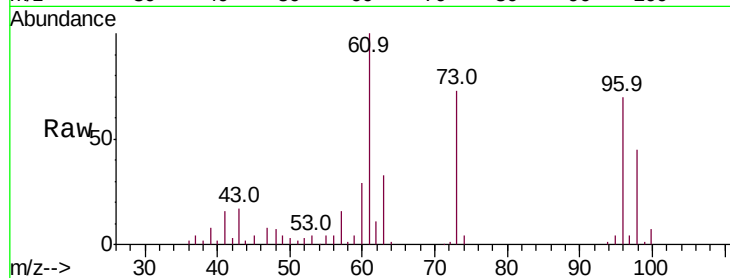


#19

Methyl tert-butyl Ether
 Concen: 16.515 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

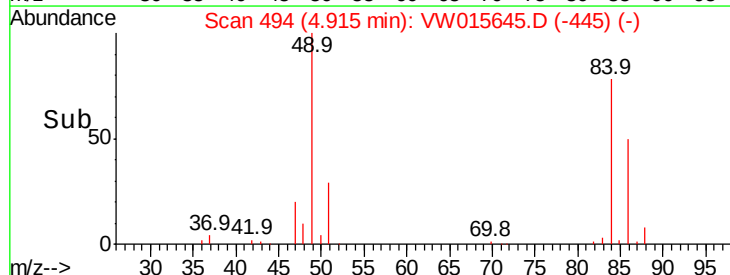
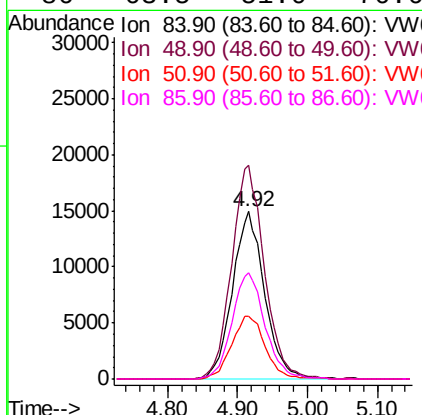
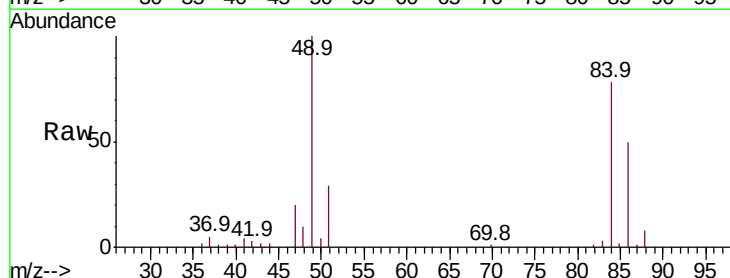
Tot Ion: 73 Resp: 54528
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.1 25.7

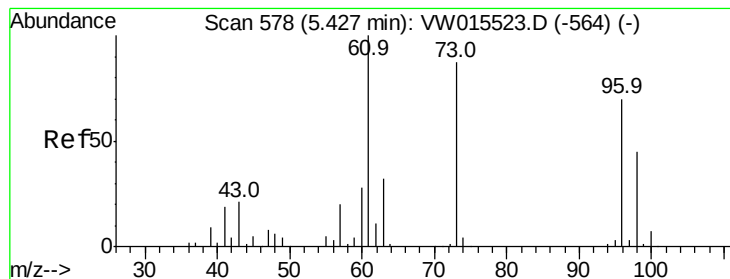


#20

Methylene Chloride
 Concen: 19.549 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion: 84 Resp: 47588
 Ion Ratio Lower Upper
 84 100
 49 127.4 102.8 154.2
 51 37.1 31.4 47.2
 86 63.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.144 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

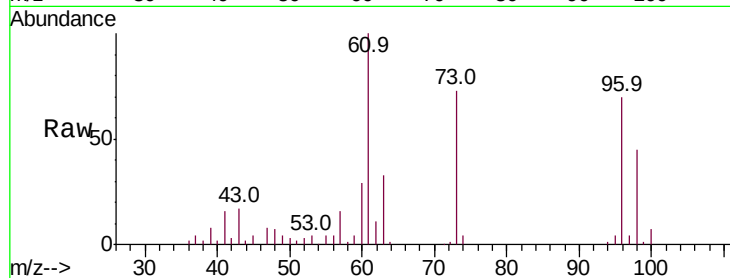
Tot Ion: 96 Resp: 46083

Ion Ratio Lower Upper

96 100

61 143.0 114.3 171.5

98 64.7 51.0 76.4

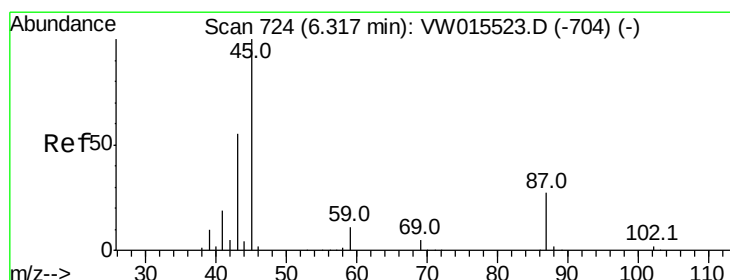
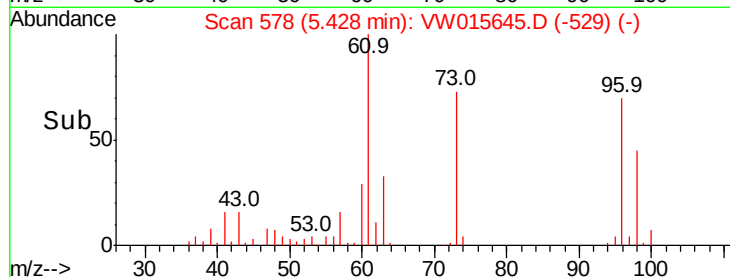
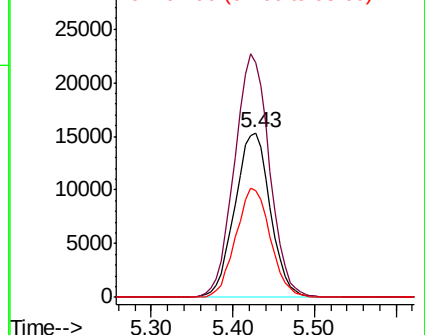


Abundance

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: 17.657 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Tgt Ion: 45 Resp: 120738

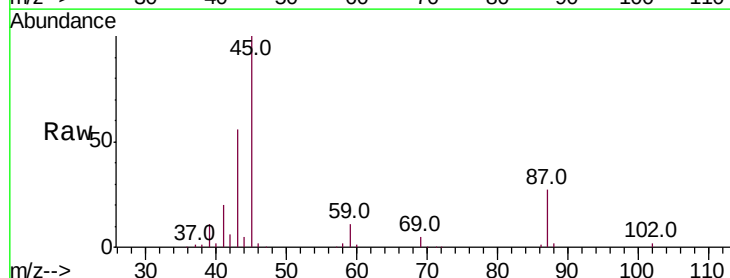
Ion Ratio Lower Upper

45 100

43 55.2 44.1 66.1

87 27.2 21.8 32.8

59 10.5 9.0 13.6



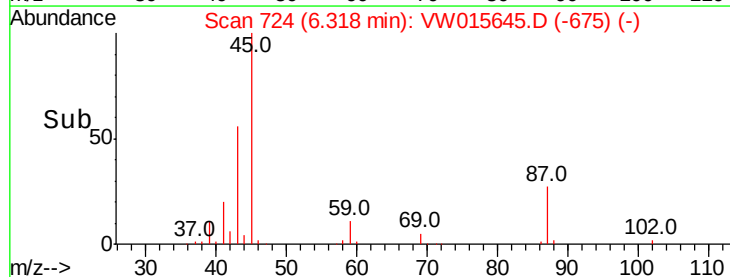
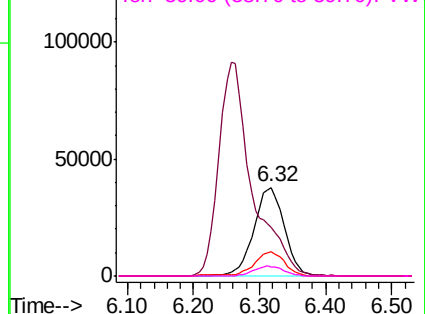
Abundance

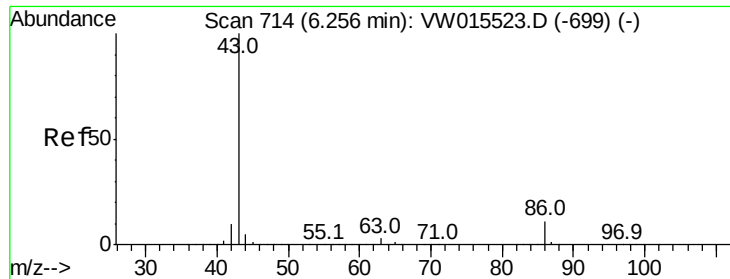
Ion 45.00 (44.70 to 45.70): VW

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

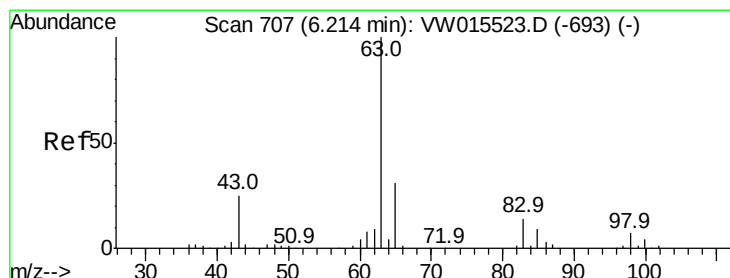
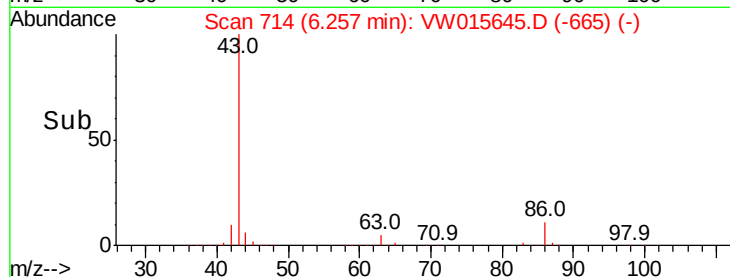
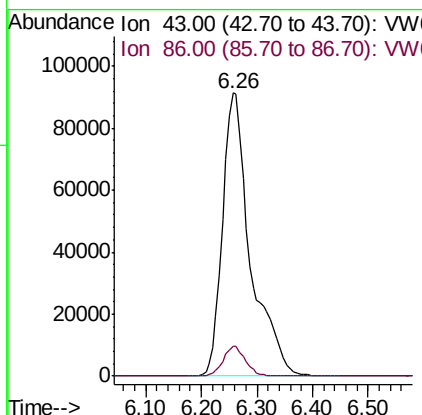
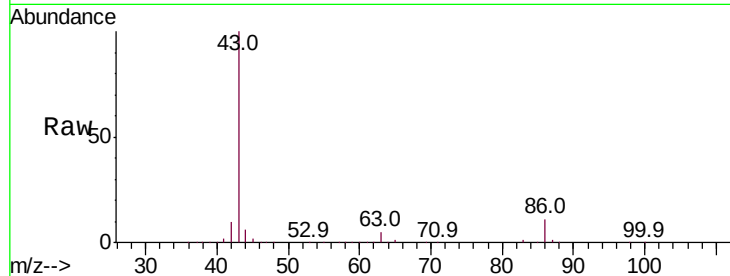




#23
 Vinyl Acetate
 Concen: 78.647 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

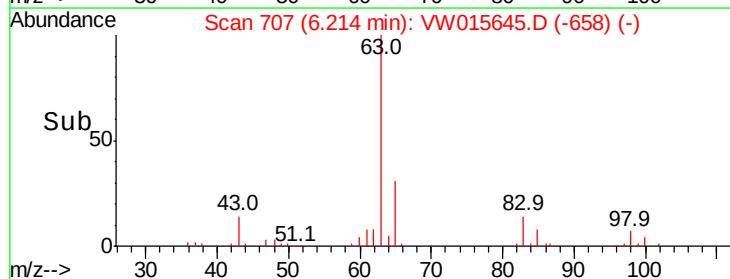
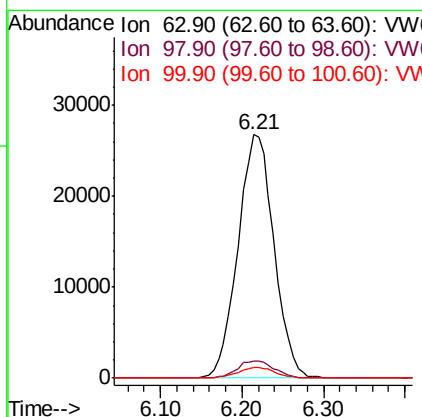
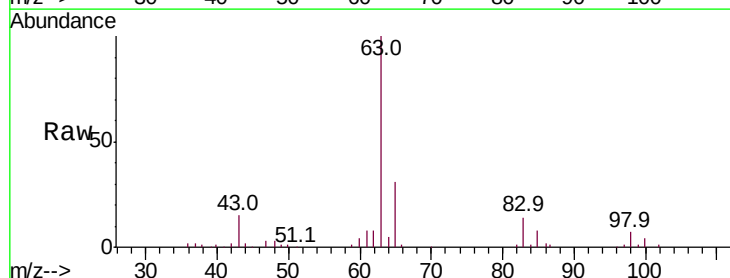
Instrument :
 MSVOA_W
 ClientSampled :
 VW0622SBS01

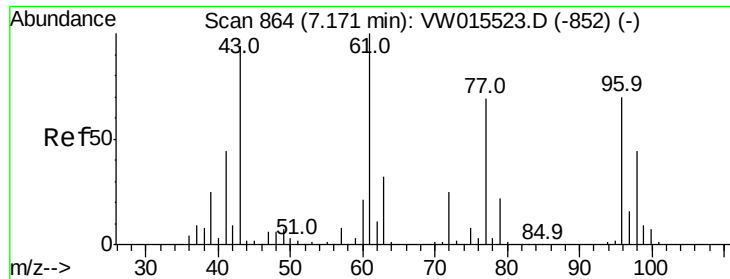
Tot Ion: 43 Resp: 318866
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 18.991 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion: 63 Resp: 81825
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.1
 100 4.3 2.2 6.6

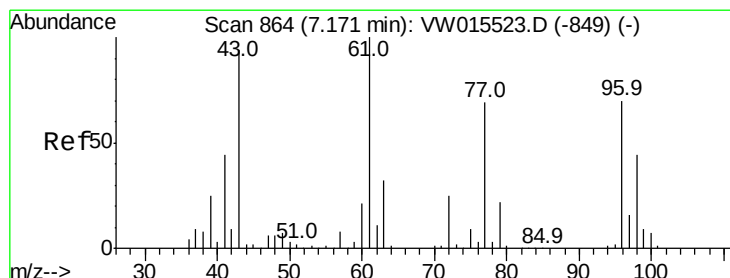
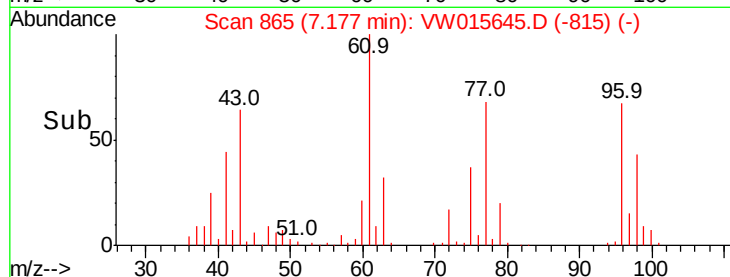
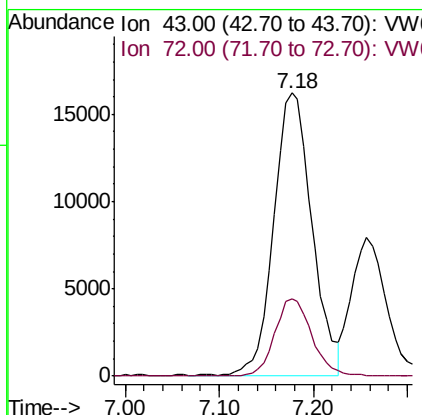
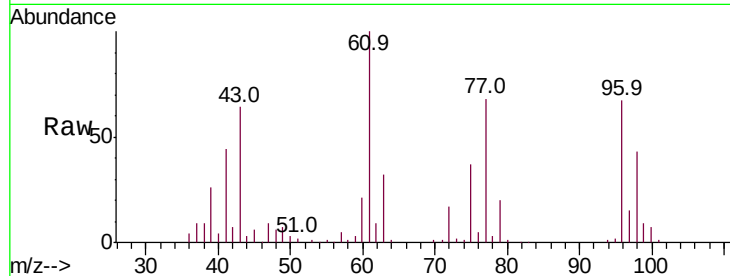




#25
2-Butanone
Concen: 73.125 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

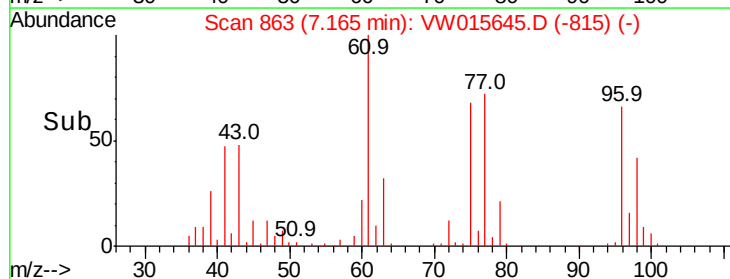
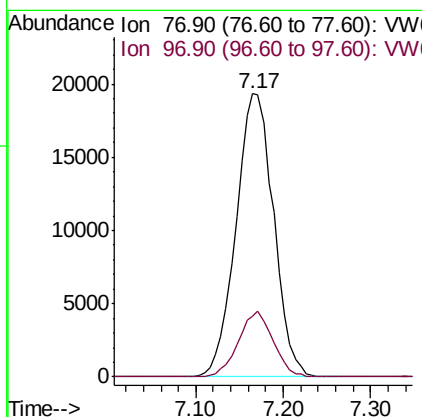
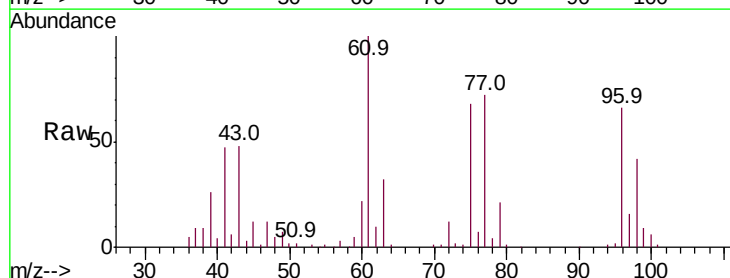
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

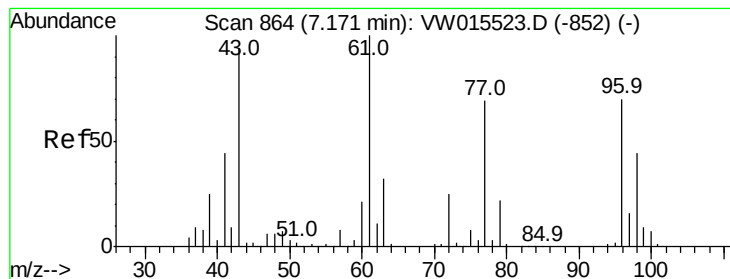
Tot Ion: 43 Resp: 45644
Ion Ratio Lower Upper
43 100
72 27.5 21.0 31.4



#26
2,2-Dichloropropane
Concen: 19.064 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 77 Resp: 57691
Ion Ratio Lower Upper
77 100
97 21.3 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 18.337 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

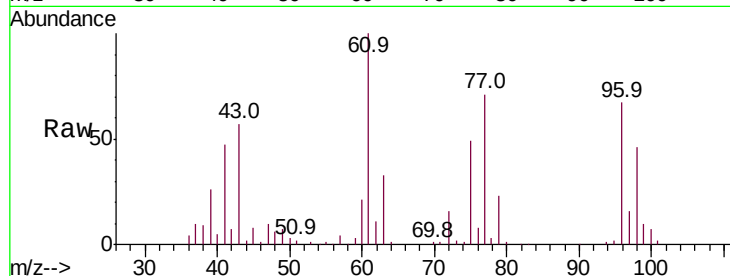
Tot Ion: 96 Resp: 48013

Ion Ratio Lower Upper

96 100

61 152.9 0.0 293.0

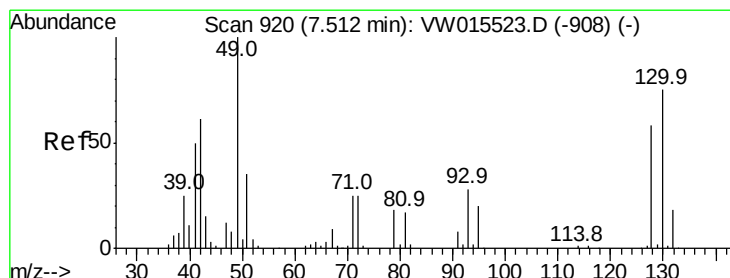
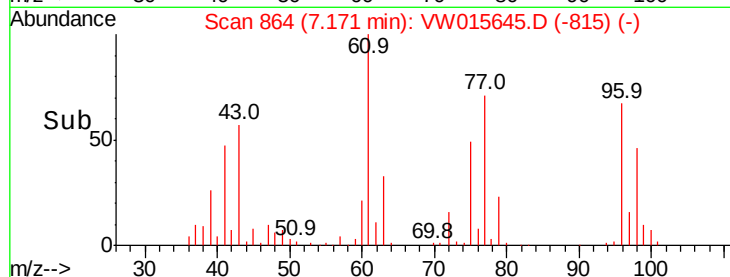
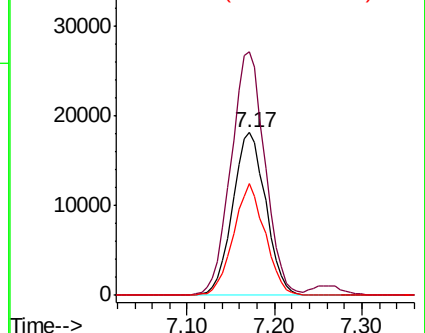
98 65.1 0.0 127.2



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



#28

Bromochloromethane

Concen: 18.687 ug/l

RT: 7.51 min Scan# 920

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

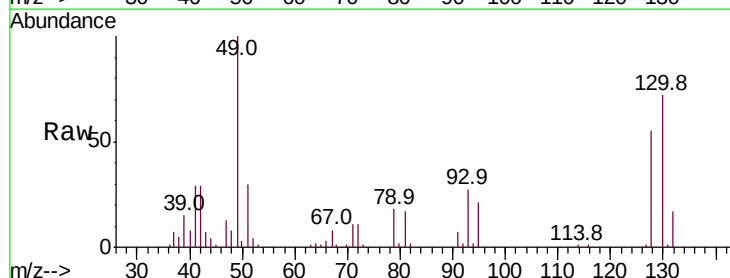
Tgt Ion: 49 Resp: 30217

Ion Ratio Lower Upper

49 100

129 0.3 0.0 2.0

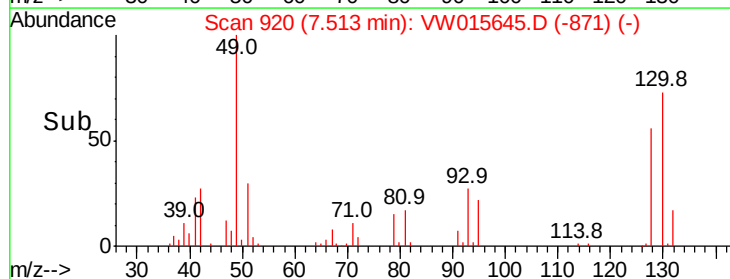
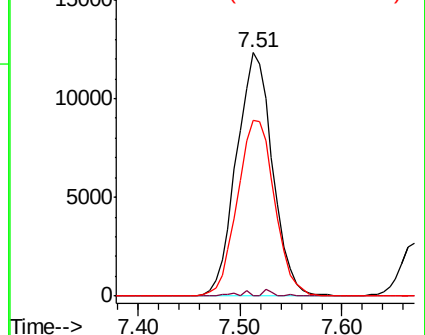
130 74.6 59.7 89.5

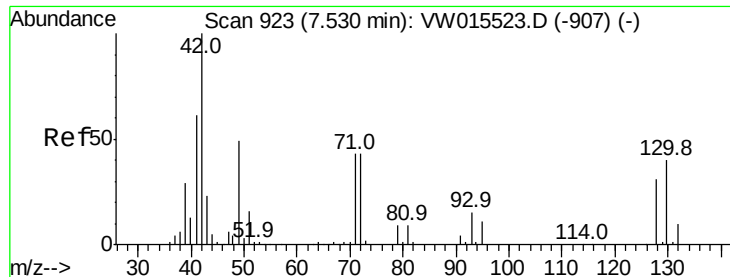


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 73.286 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

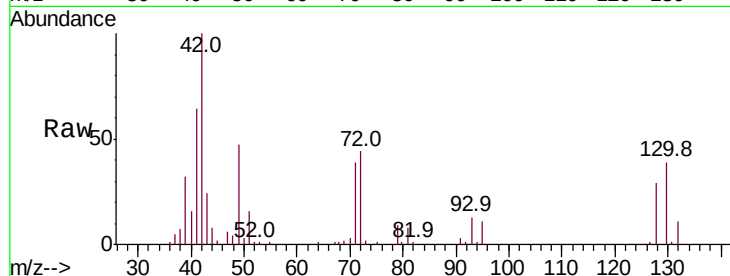
Tot Ion: 42 Resp: 27120

Ion Ratio Lower Upper

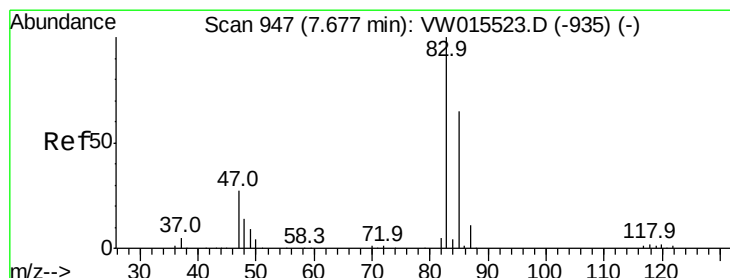
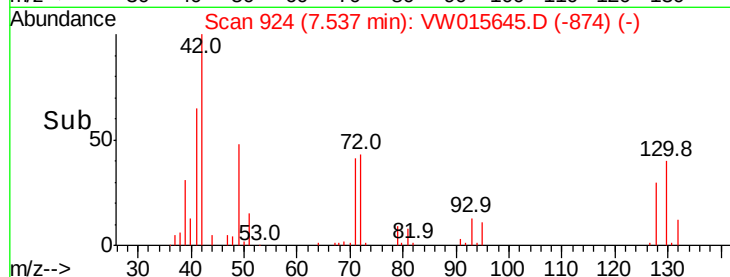
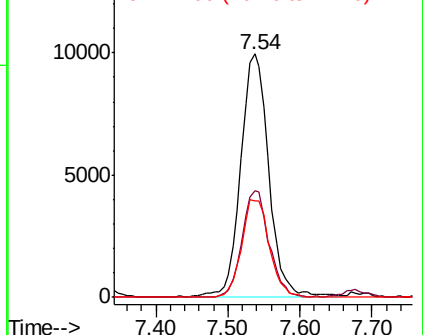
42 100

72 41.7 34.8 52.2

71 39.3 33.3 49.9



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#30

Chloroform

Concen: 18.685 ug/l

RT: 7.68 min Scan# 947

Delta R.T. 0.00 min

Lab File: VW015645.D

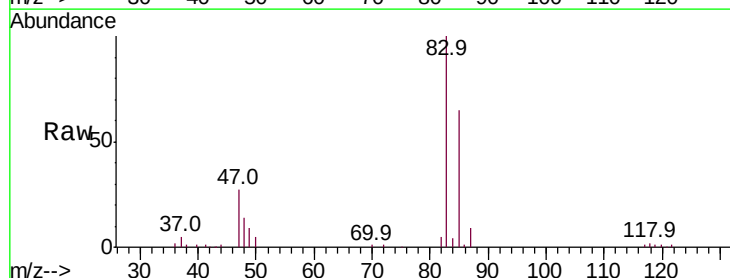
Acq: 22 Jun 2020 13:24

Tgt Ion: 83 Resp: 80819

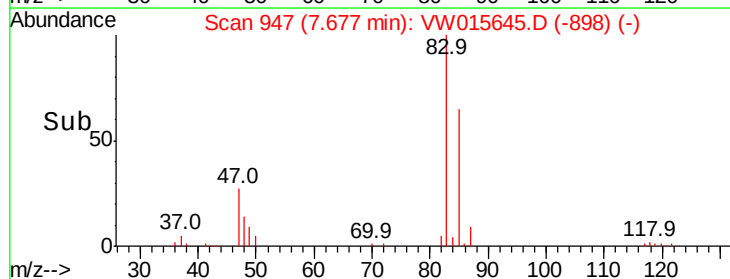
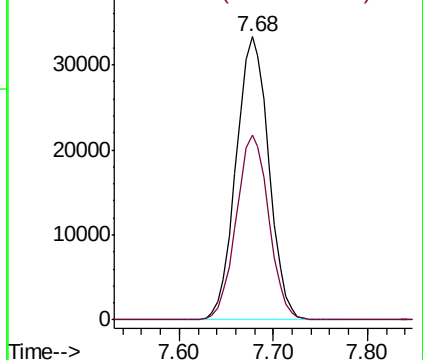
Ion Ratio Lower Upper

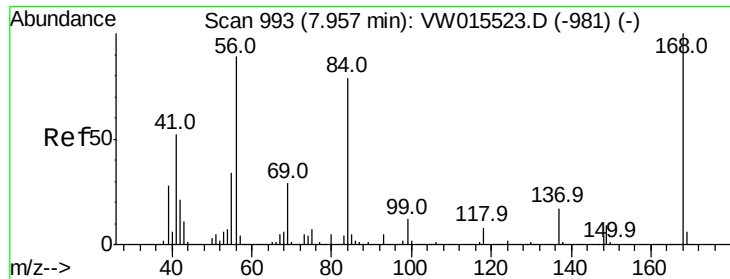
83 100

85 65.3 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW

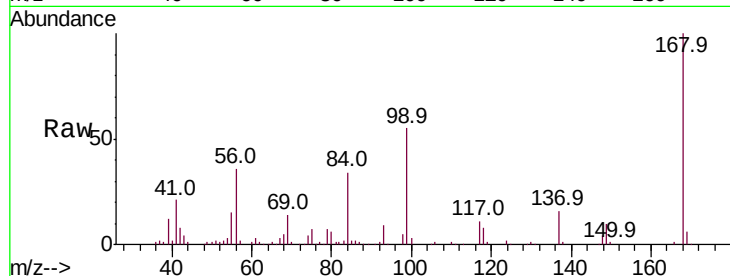




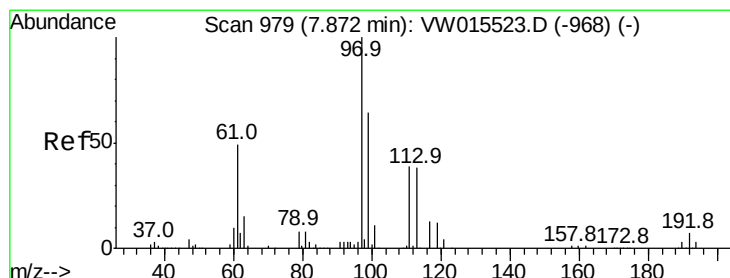
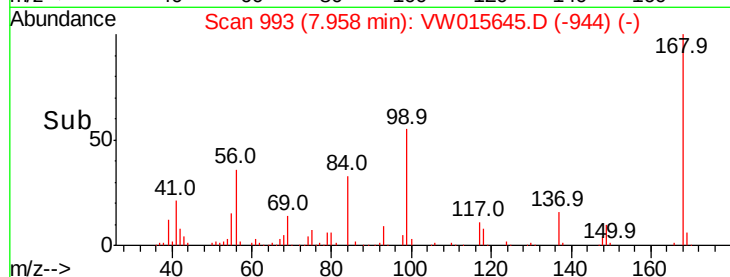
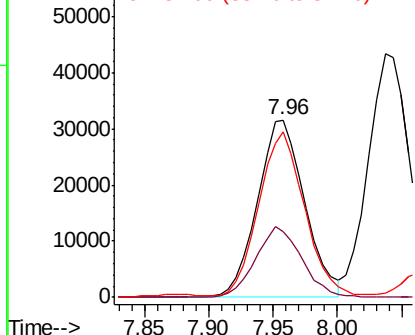
#31
Cyclohexane
Concen: 19.073 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion: 56 Resp: 80249
Ion Ratio Lower Upper
56 100
69 37.3 26.3 39.5
84 92.2 71.0 106.4

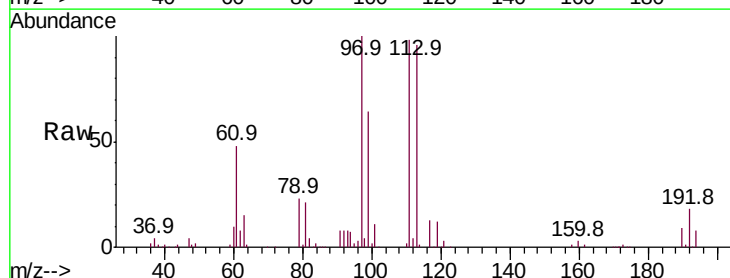


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

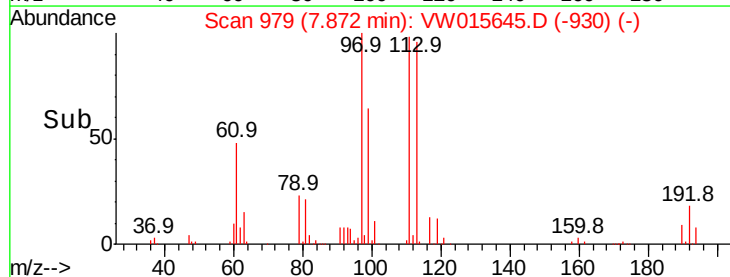
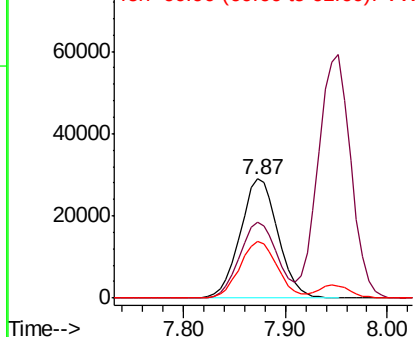


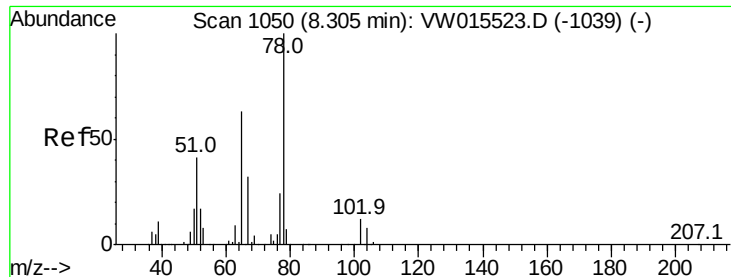
#32
1,1,1-Trichloroethane
Concen: 19.865 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 97 Resp: 74210
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.0
61 47.8 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





#33

1,2-Dichloroethane-d4

Concen: 45.176 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

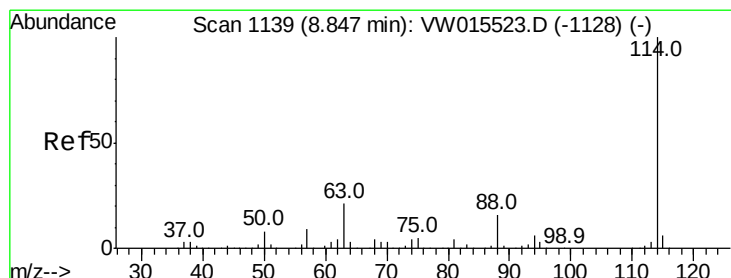
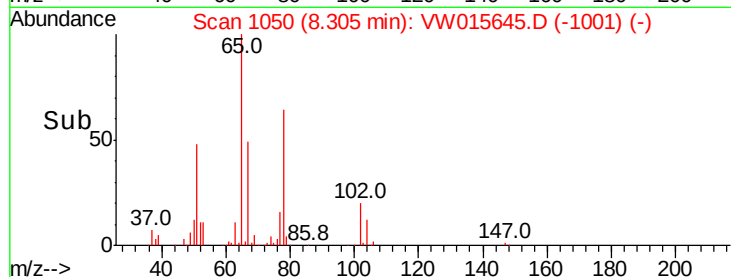
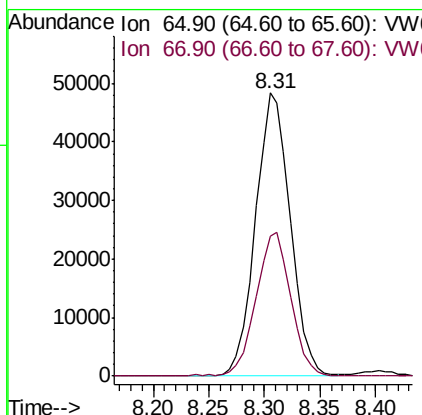
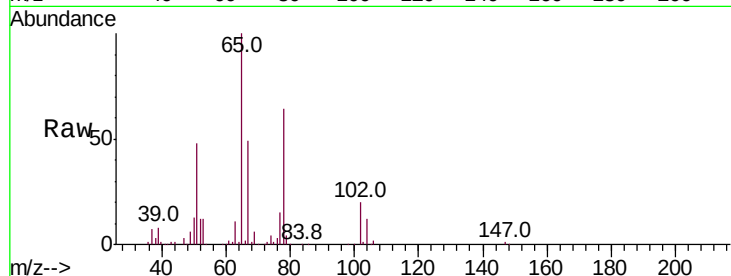
Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampled :
VW0622SBS01

Tot Ion: 65 Resp: 105071

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

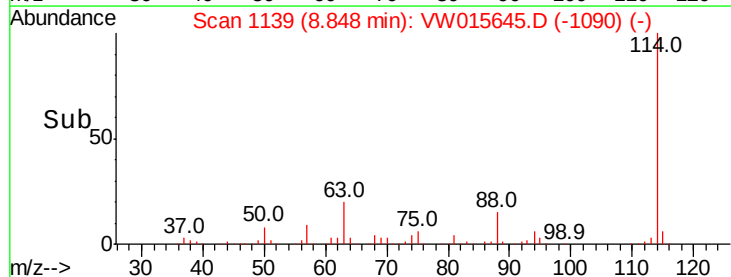
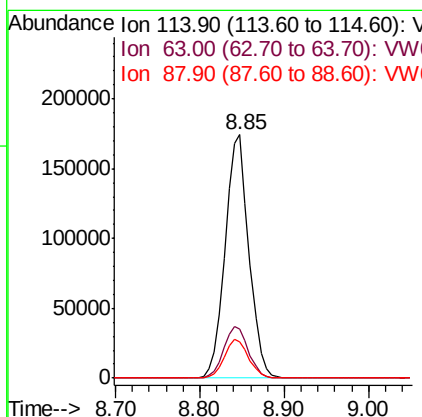
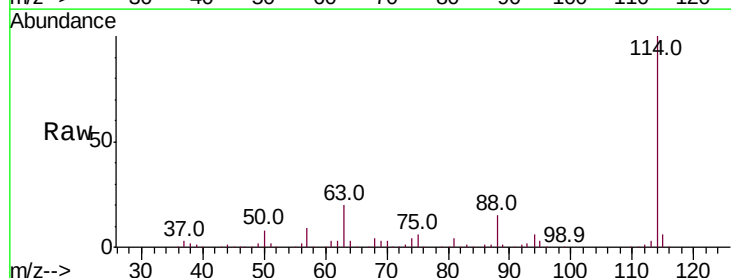
Delta R.T. 0.00 min

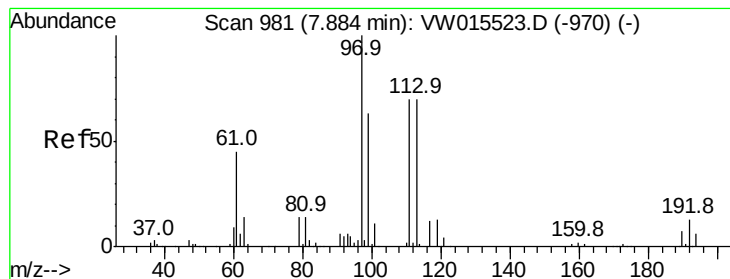
Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Tgt Ion: 114 Resp: 333725

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.0
88	14.9	0.0	31.8





#35

Dibromofluoromethane

Concen: 51.354 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

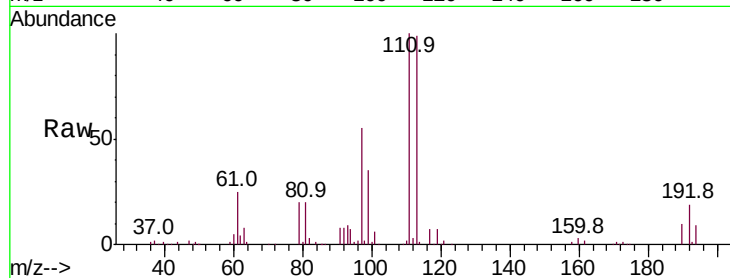
Tot Ion:113 Resp: 101014

Ion Ratio Lower Upper

113 100

111 102.9 83.3 124.9

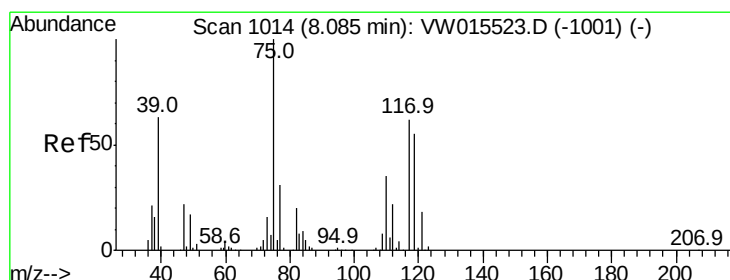
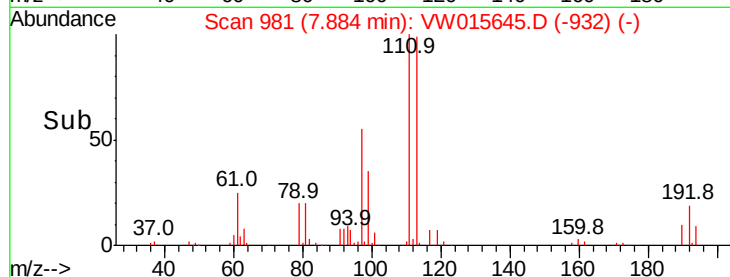
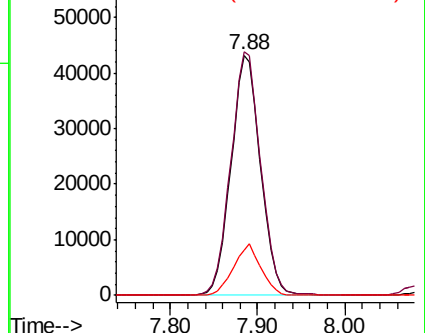
192 19.9 15.8 23.6



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: 20.547 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

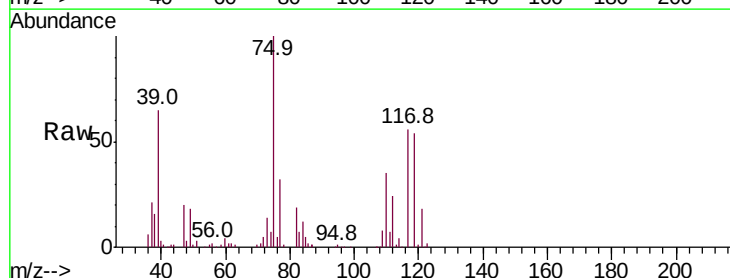
Tgt Ion: 75 Resp: 69380

Ion Ratio Lower Upper

75 100

110 34.1 17.2 51.6

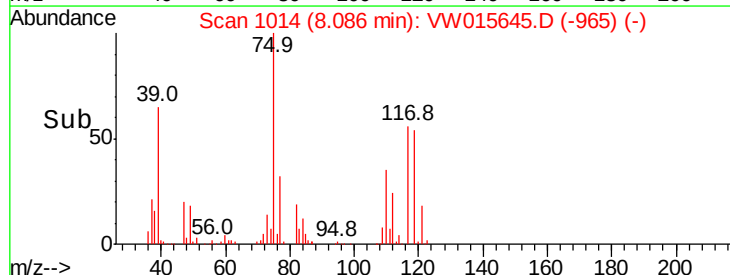
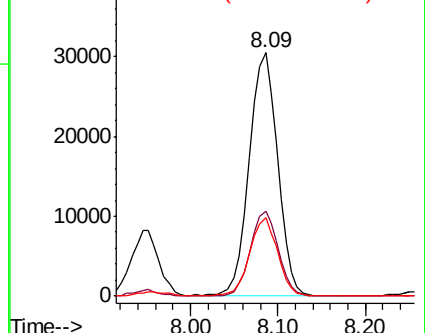
77 31.5 25.0 37.4

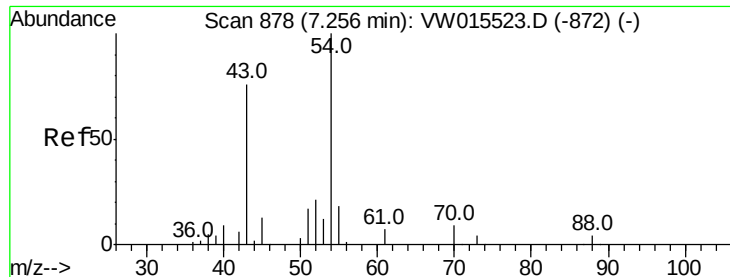


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

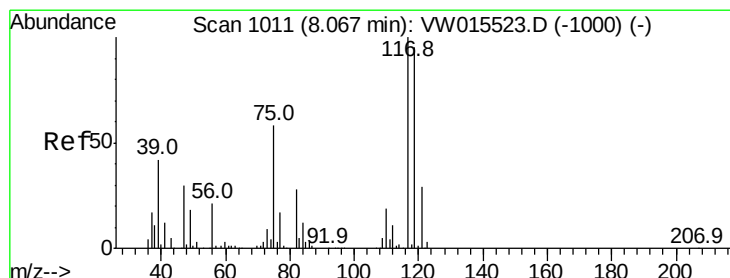
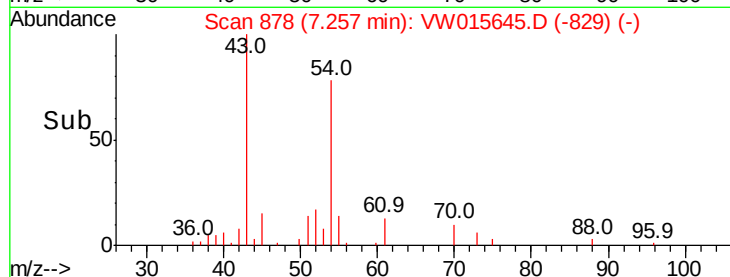
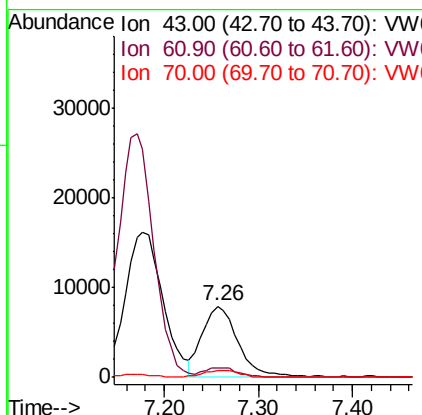
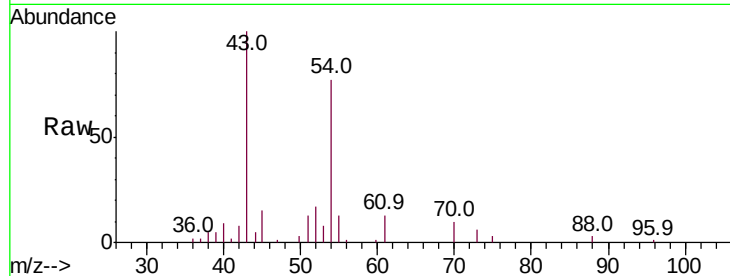




#37
Ethyl Acetate
Concen: 15.736 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

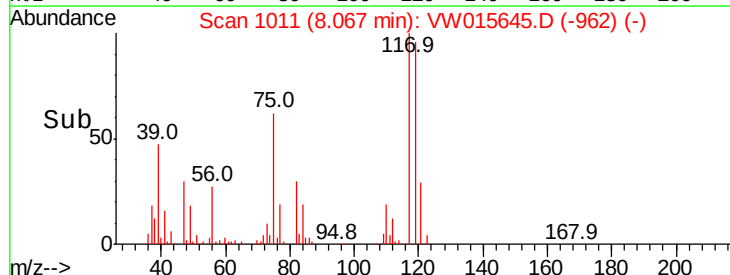
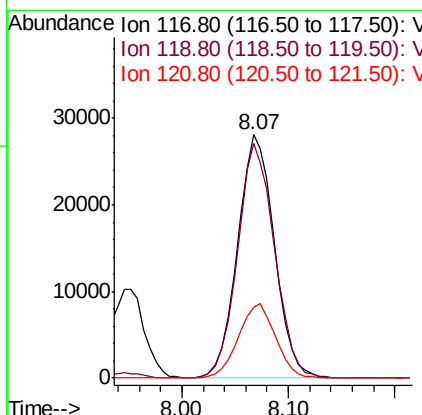
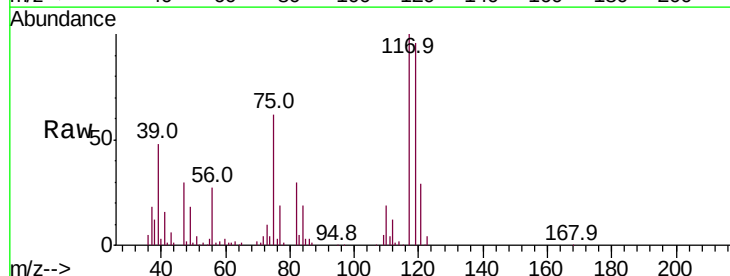
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

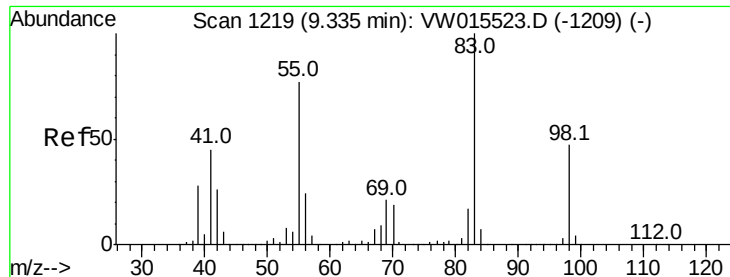
Tot Ion: 43 Resp: 20622
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 10.3 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.603 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 117 Resp: 68111
Ion Ratio Lower Upper
117 100
119 96.2 75.9 113.9
121 29.2 23.5 35.3

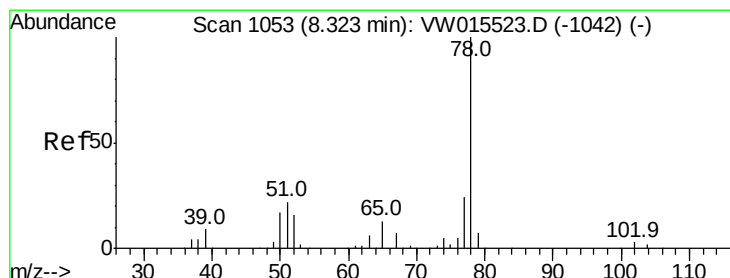
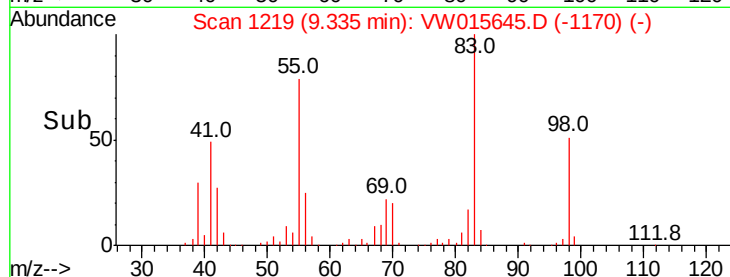
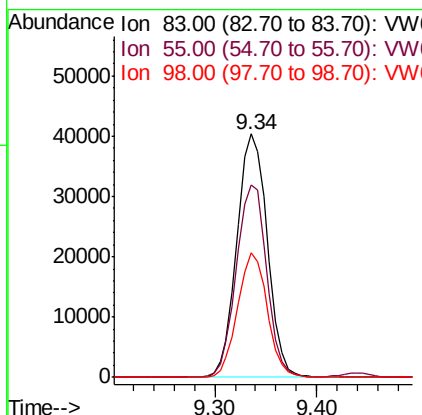
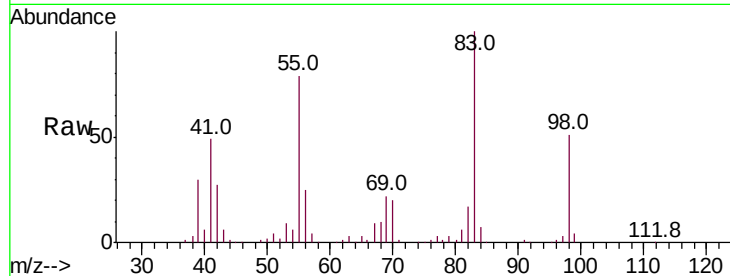




#39
Methylvlcyclohexane
Concen: 20.087 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

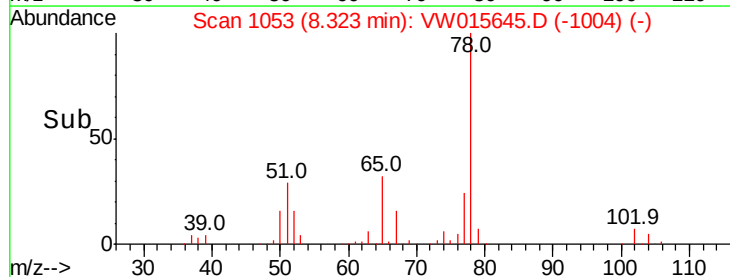
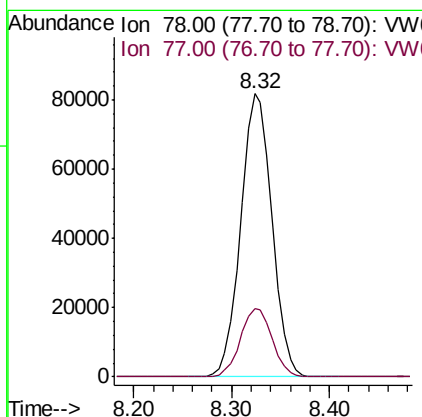
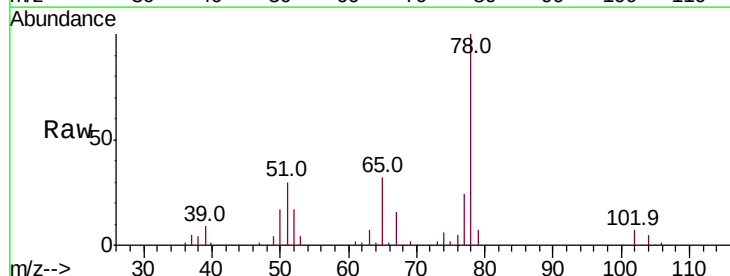
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

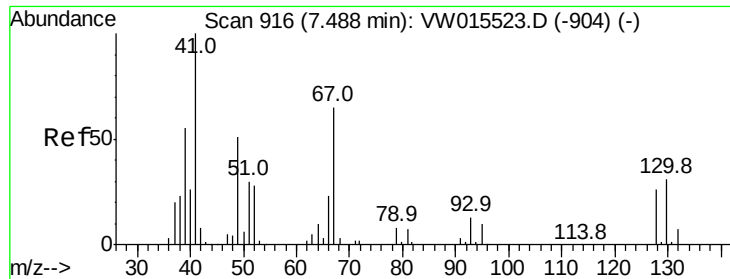
Tot Ion: 83 Resp: 83646
Ion Ratio Lower Upper
83 100
55 79.2 61.7 92.5
98 51.2 37.7 56.5



#40
Benzene
Concen: 19.835 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 78 Resp: 180736
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8

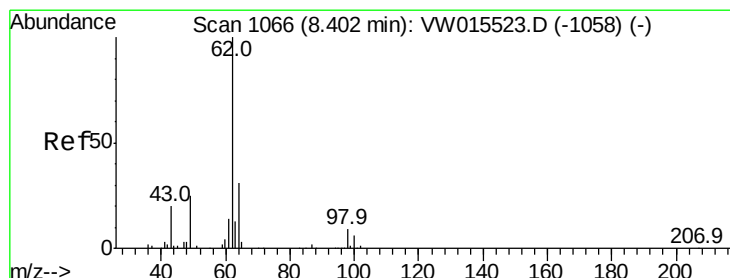
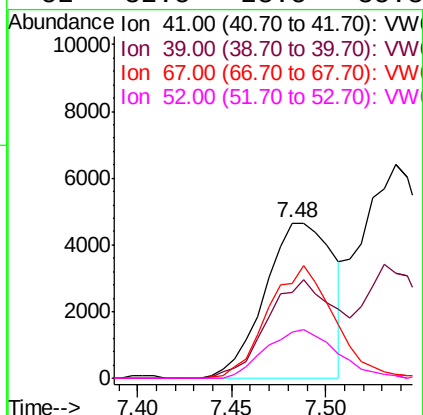
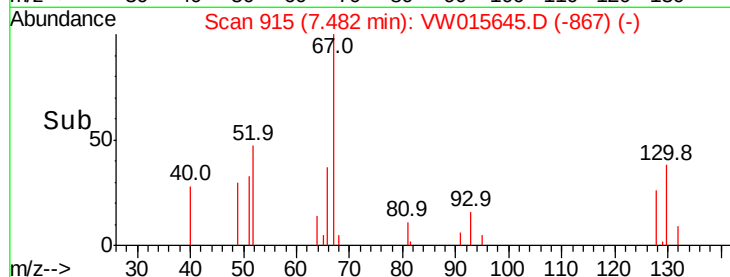
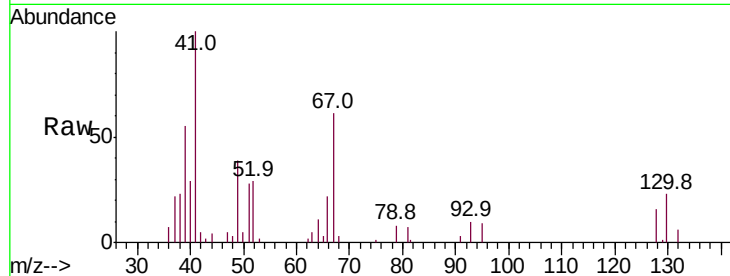




#41
Methacrylonitrile
Concen: 15.605 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

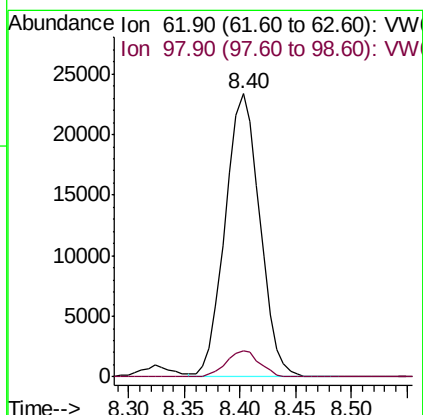
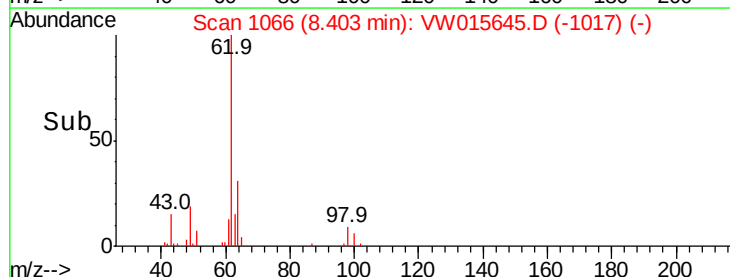
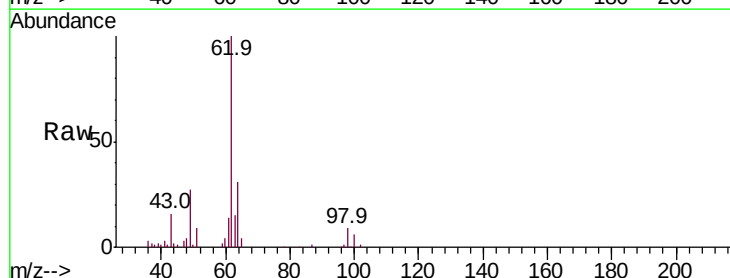
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

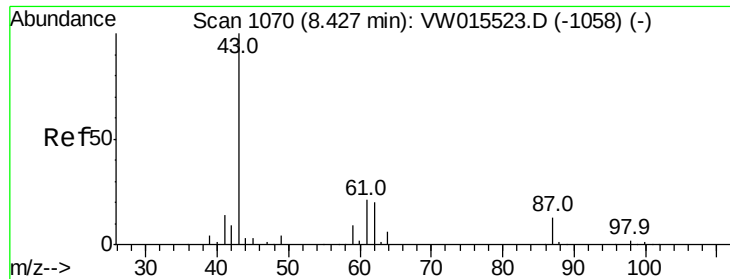
Tot Ion:	41	Resp:	11746
Ion	Ratio	Lower	Upper
41	100		
39	65.0	44.5	66.7
67	70.6	53.1	79.7
52	32.5	23.5	35.3



#42
1,2-Dichloroethane
Concen: 18.168 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion:	62	Resp:	50526
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6





#43

Isopropyl Acetate

Concen: 16.286 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

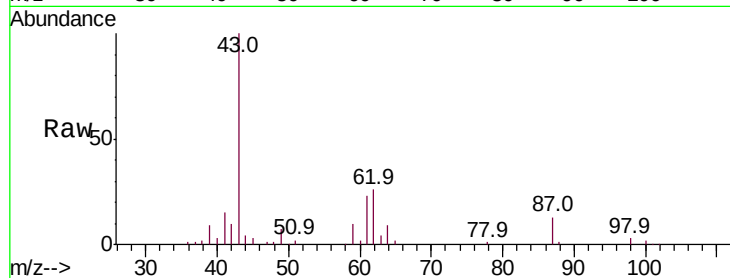
Tot Ion: 43 Resp: 42398

Ion Ratio Lower Upper

43 100

61 31.5 23.8 35.8

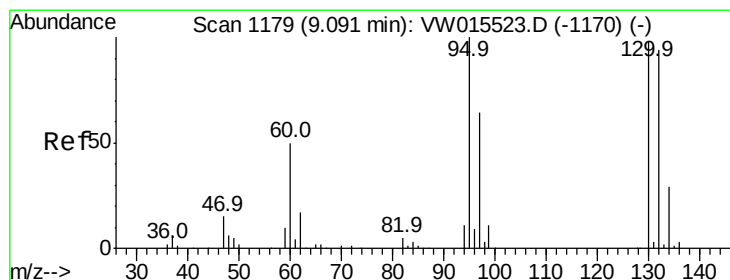
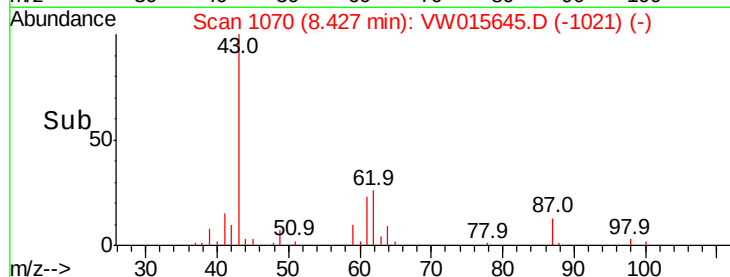
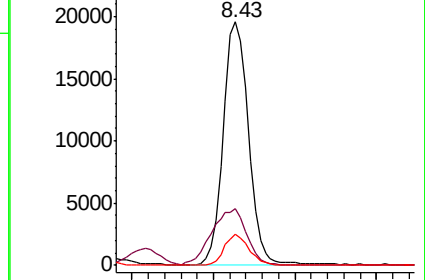
87 12.3 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 20.563 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015645.D

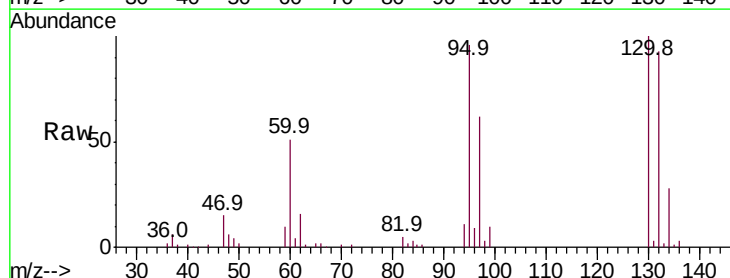
Acq: 22 Jun 2020 13:24

Tgt Ion:130 Resp: 49998

Ion Ratio Lower Upper

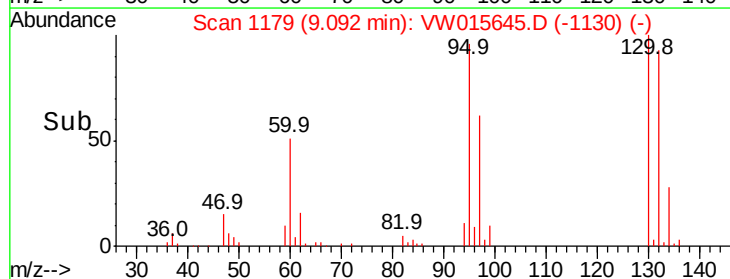
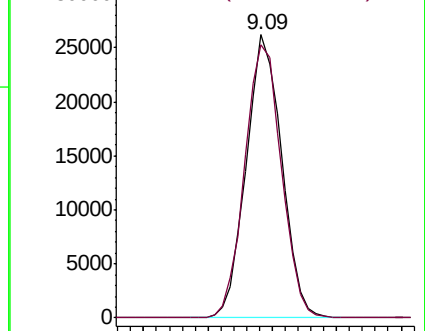
130 100

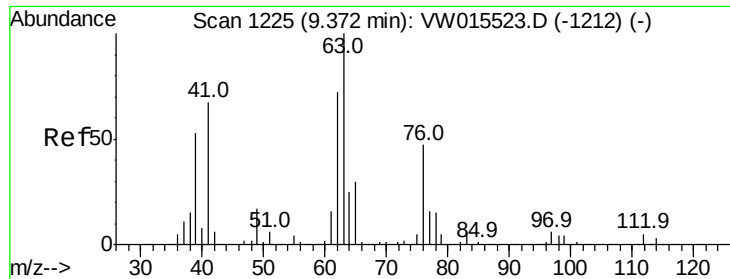
95 96.3 0.0 204.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

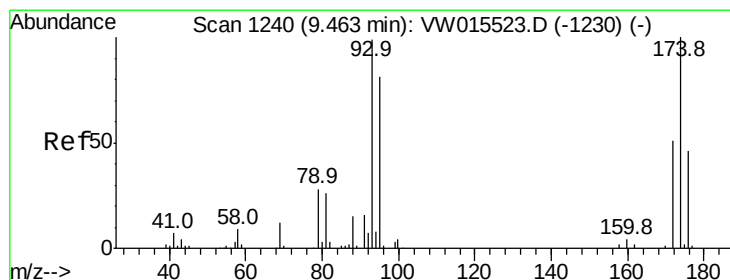
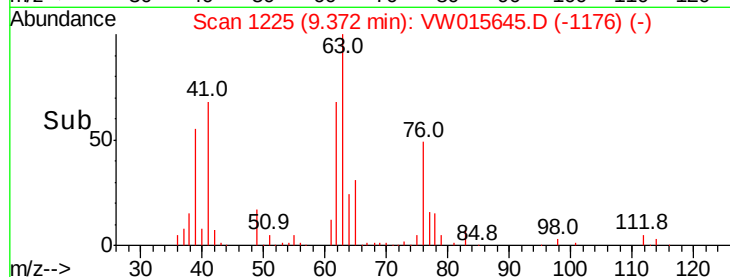
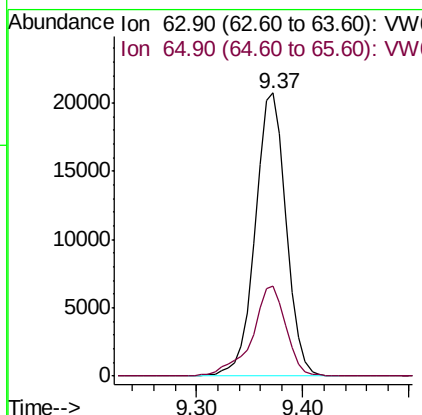
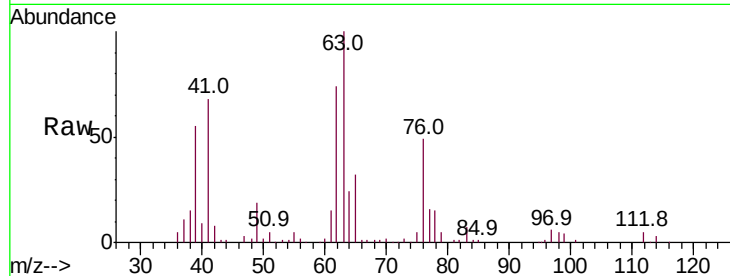




#45
 1,2-Dichloropropane
 Concen: 18.967 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

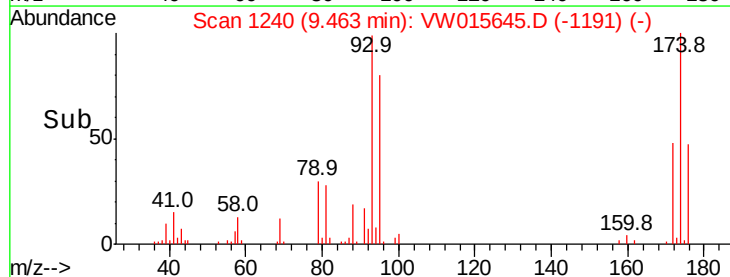
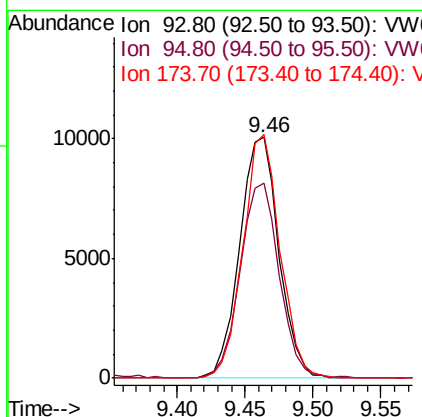
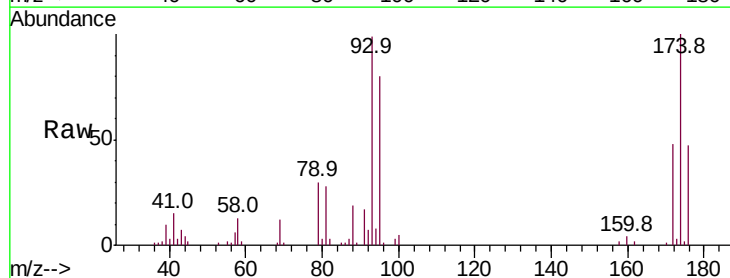
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

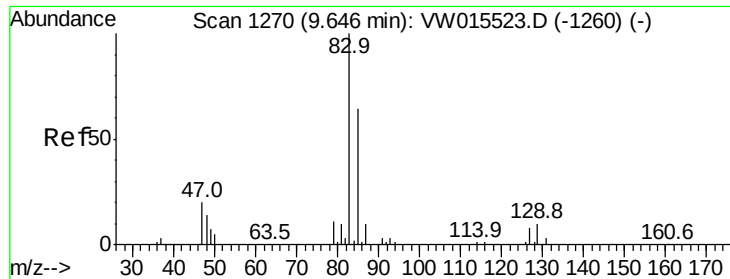
Tot Ion: 63 Resp: 42158
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.0 36.0



#46
 Dibromomethane
 Concen: 17.859 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion: 93 Resp: 20265
 Ion Ratio Lower Upper
 93 100
 95 81.0 65.1 97.7
 174 96.1 78.6 118.0





#47

Bromodichloromethane

Concen: 18.336 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

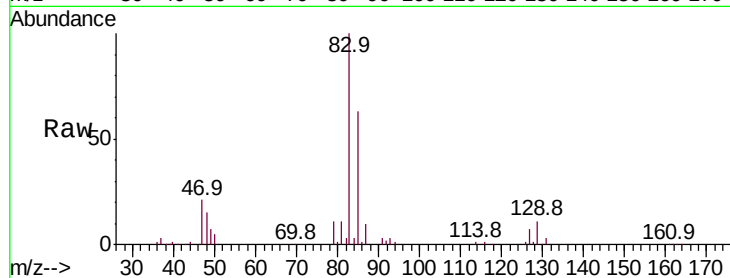
Tot Ion: 83 Resp: 56301

Ion Ratio Lower Upper

83 100

85 63.2 51.1 76.7

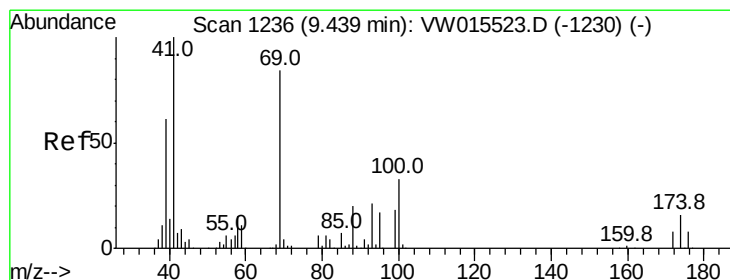
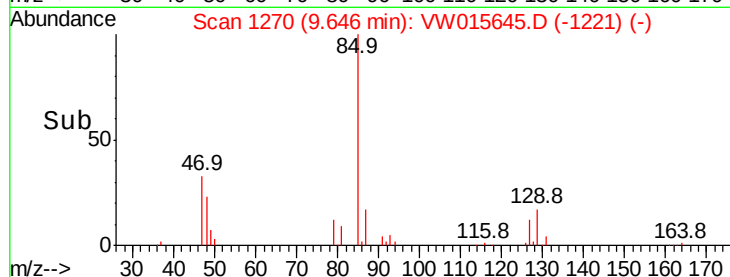
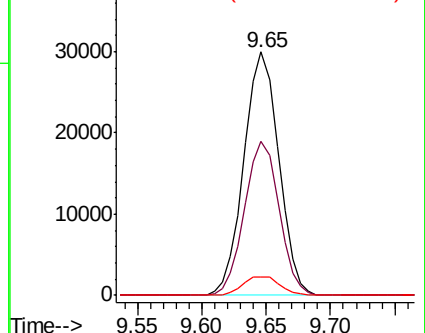
127 7.4 6.4 9.6



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): VW



#48

Methyl methacrylate

Concen: 15.661 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

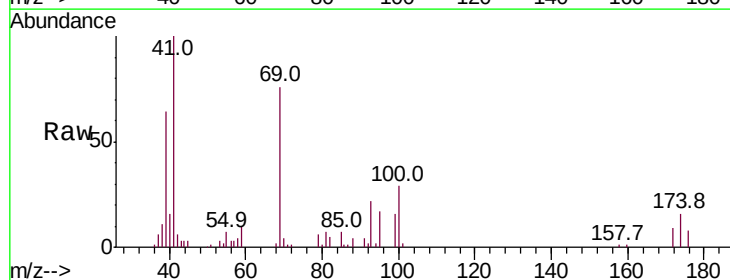
Tgt Ion: 41 Resp: 18637

Ion Ratio Lower Upper

41 100

69 87.3 67.8 101.8

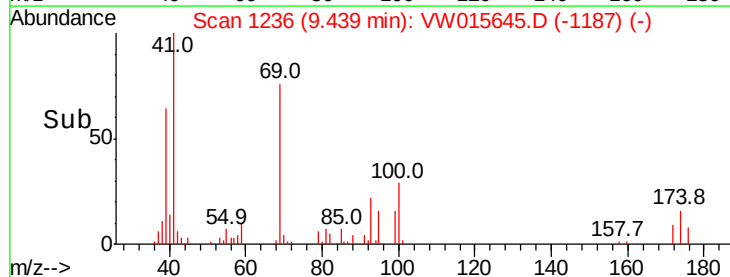
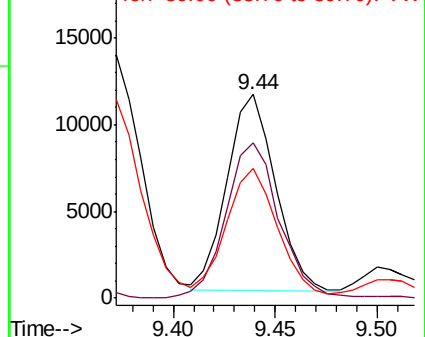
39 66.0 50.2 75.2

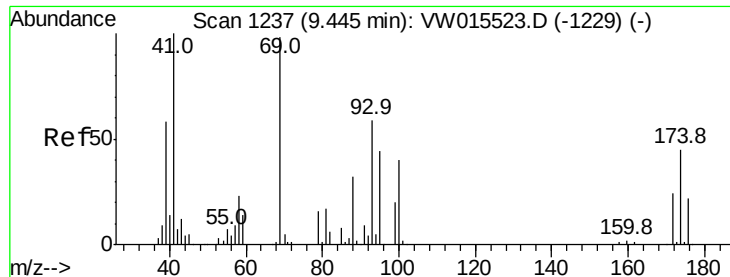


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 283.047 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

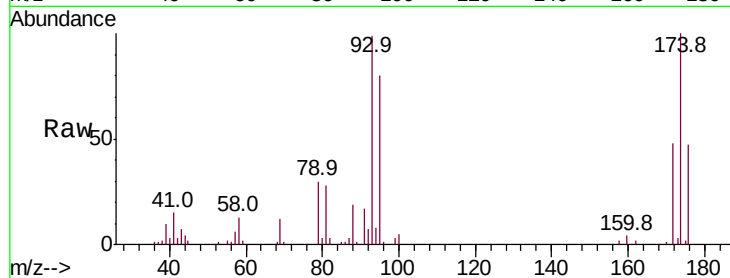
Tot Ion: 88 Resp: 4552

Ion Ratio Lower Upper

88 100

43 0.0 27.9 41.9#

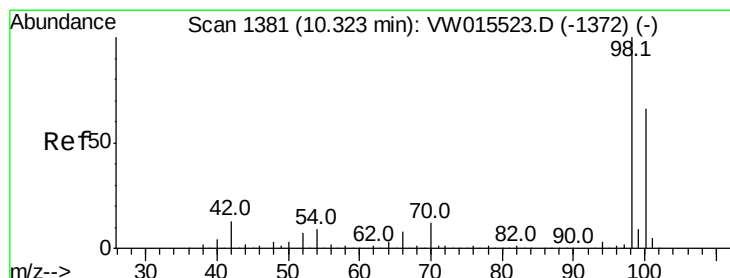
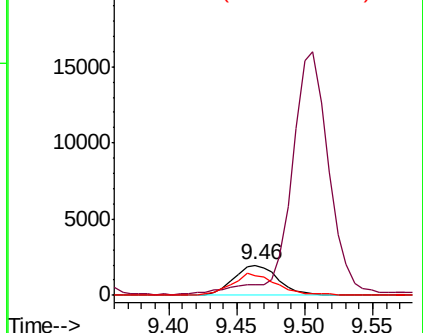
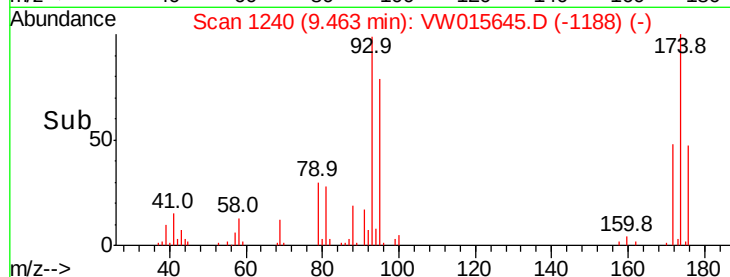
58 75.7 58.8 88.2



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 52.500 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015645.D

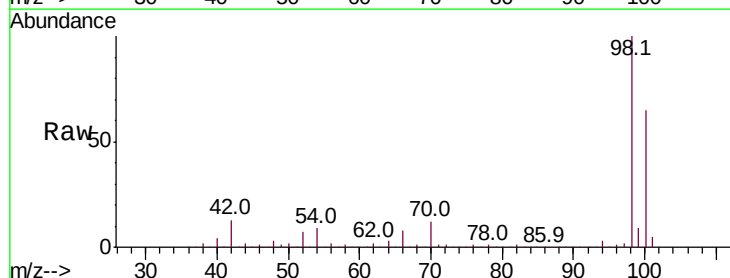
Acq: 22 Jun 2020 13:24

Tgt Ion: 98 Resp: 417584

Ion Ratio Lower Upper

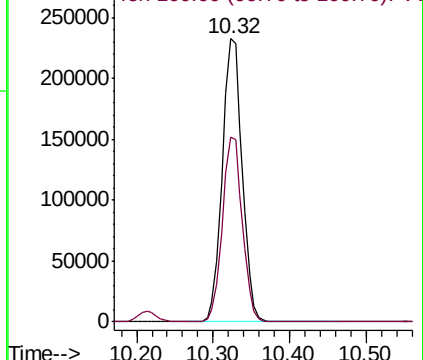
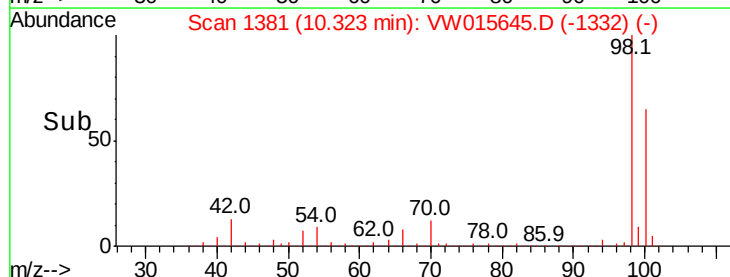
98 100

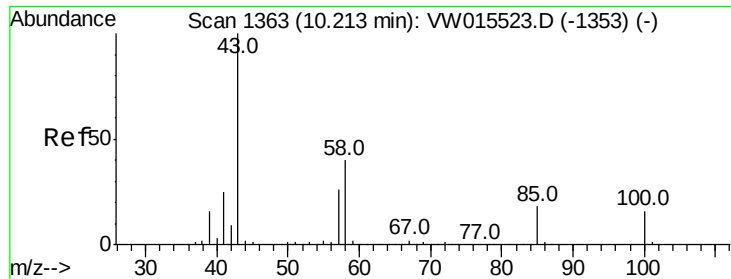
100 65.4 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

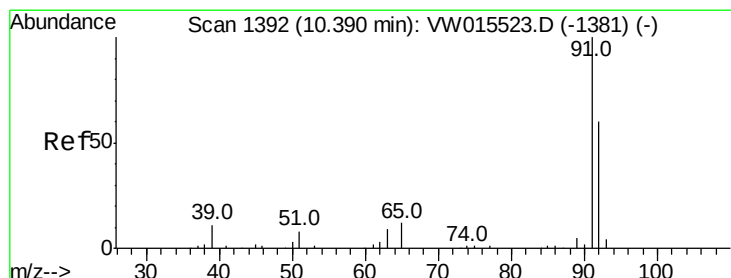
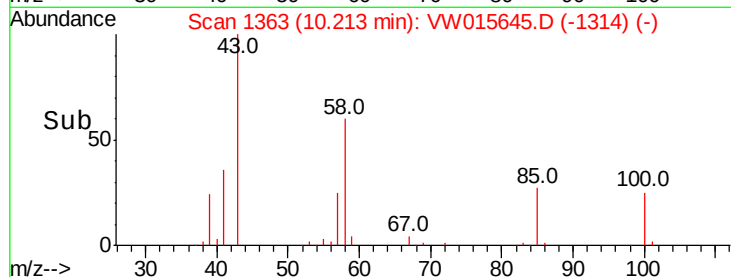
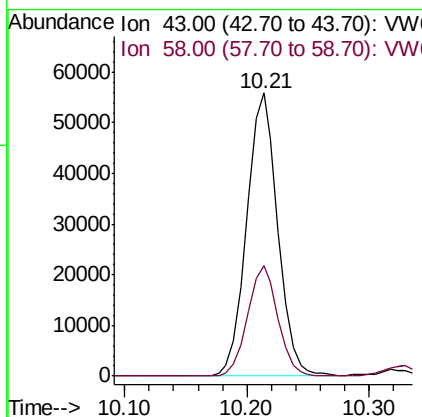
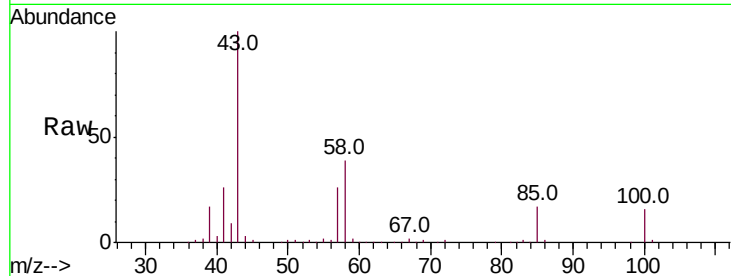




#51
4-Methyl-2-Pentanone
Concen: 79.315 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

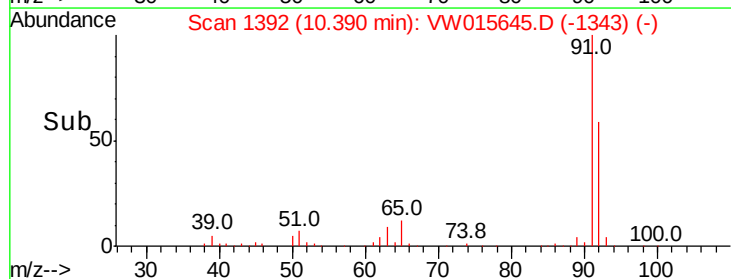
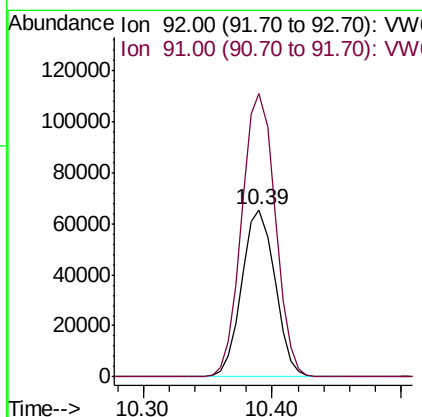
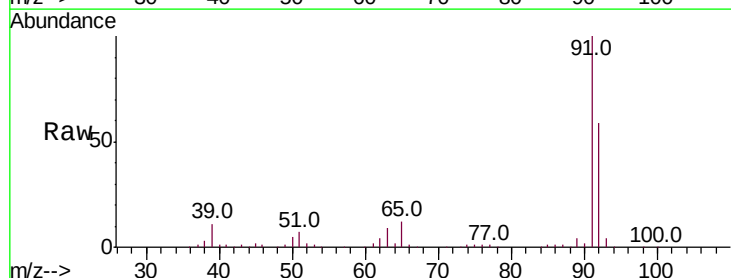
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

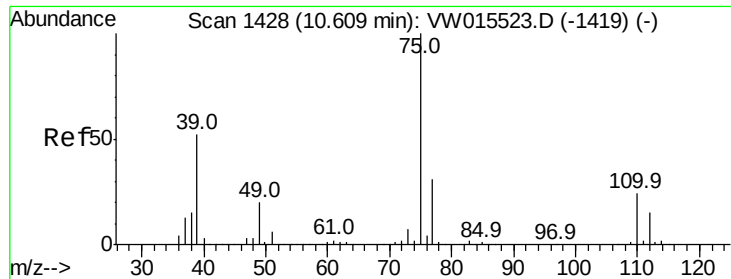
Tot Ion: 43 Resp: 98105
Ion Ratio Lower Upper
43 100
58 38.4 31.4 47.0



#52
Toluene
Concen: 19.821 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 92 Resp: 116502
Ion Ratio Lower Upper
92 100
91 171.7 136.5 204.7

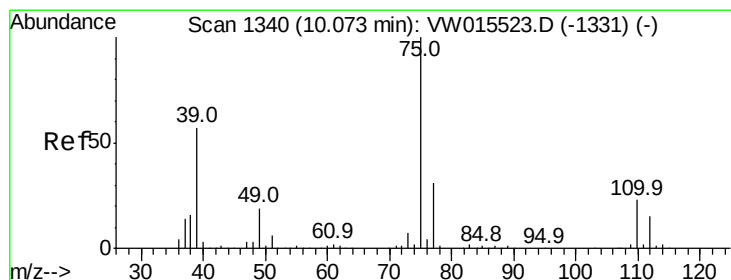
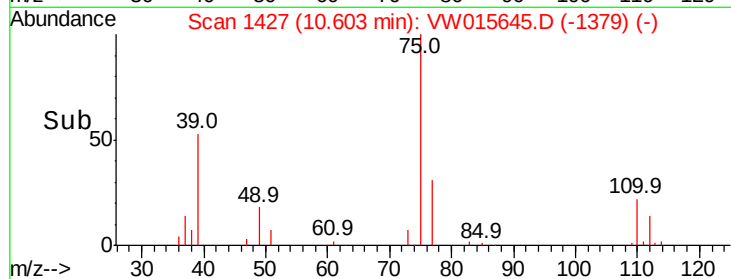
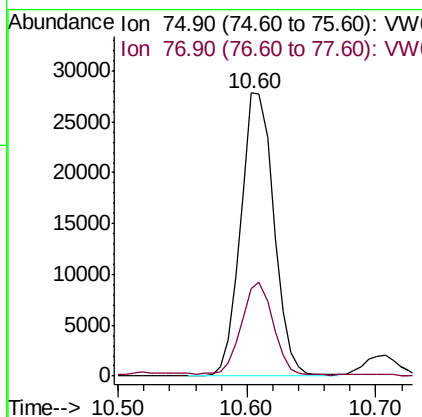
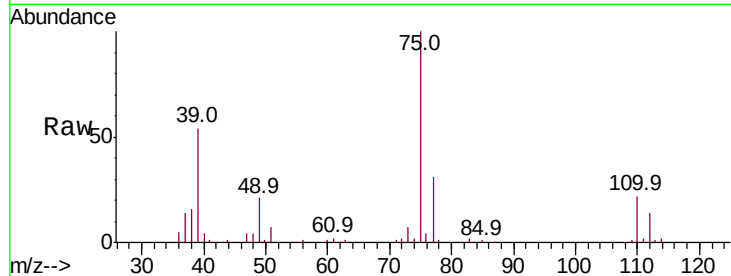




#53
 t-1,3-Dichloropropene
 Concen: 16.393 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

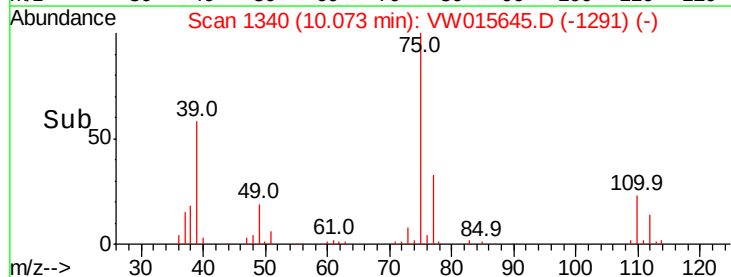
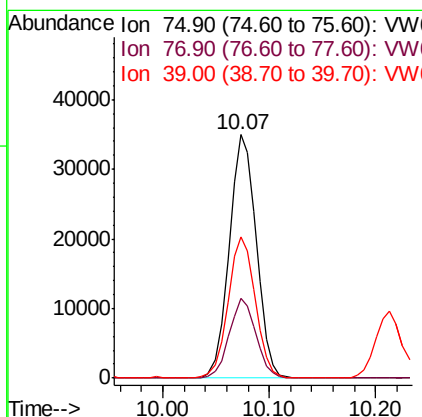
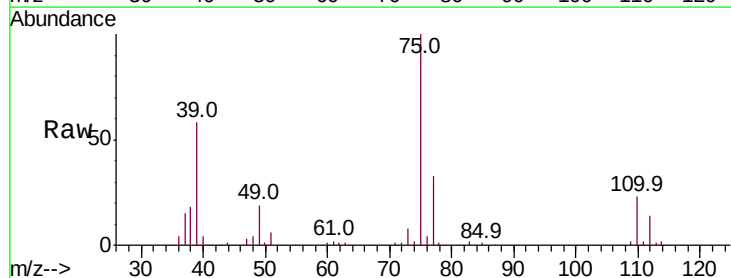
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

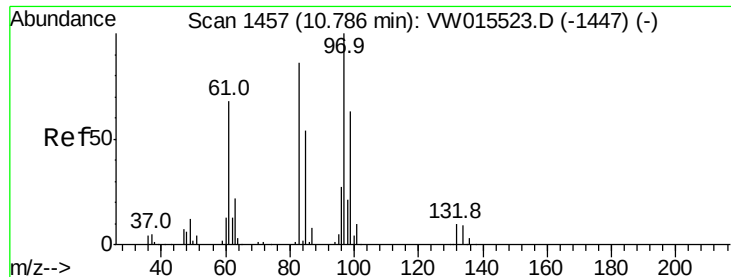
Tot Ion: 75 Resp: 49615
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 17.488 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion: 75 Resp: 62373
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.9 37.3
 39 58.2 45.4 68.2



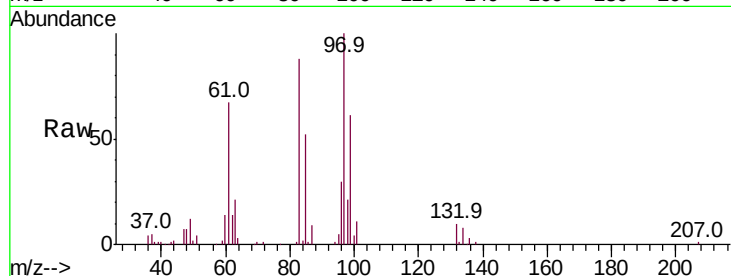


#55
 1,1,2-Trichloroethane
 Concen: 17.490 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Tot Ion: 97 Resp: 27702

Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.6	102.8
85	52.0	43.2	64.8
99	60.8	50.5	75.7



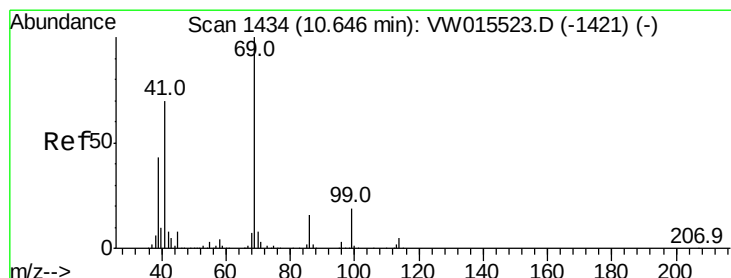
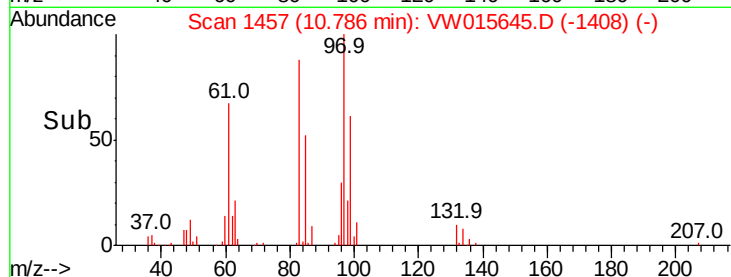
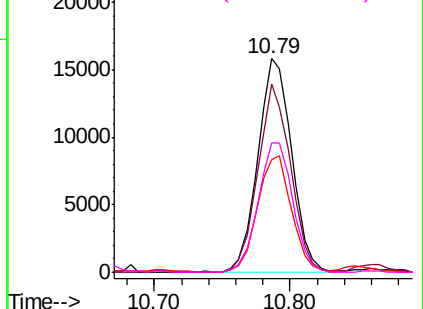
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

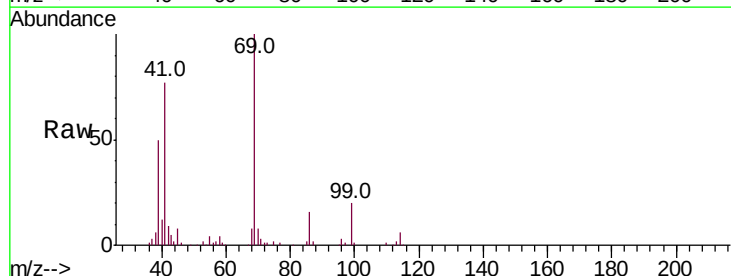
Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 15.643 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion: 69 Resp: 32229

Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.2	84.4
39	44.3	33.3	49.9

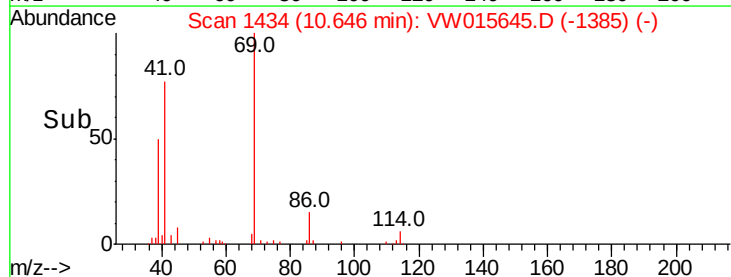
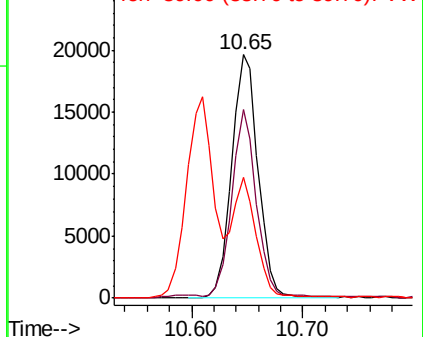


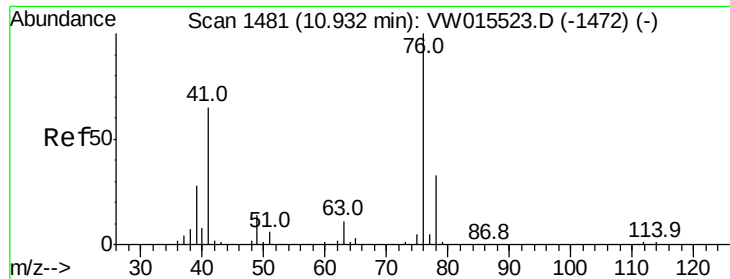
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 17.259 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

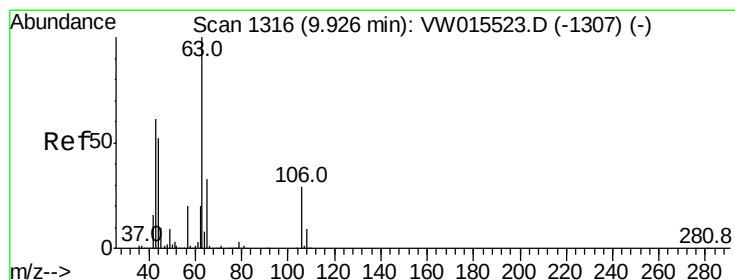
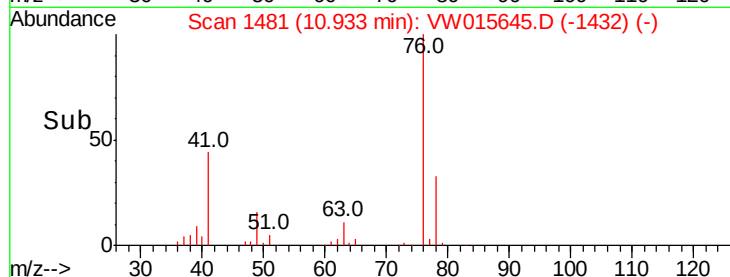
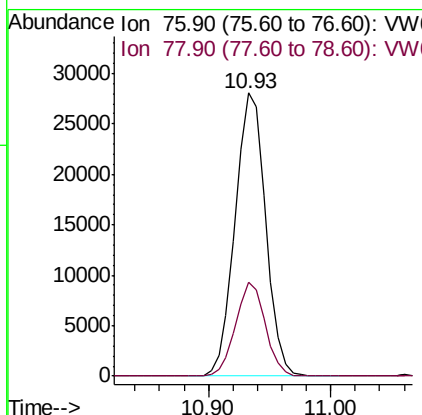
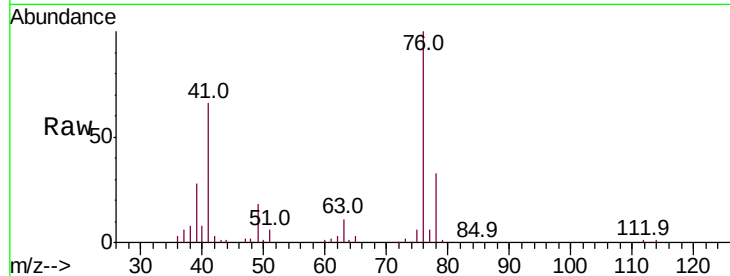
Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion: 76 Resp: 48409

Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.1	39.1



#58

2-Chloroethyl Vinyl ether

Concen: 86.754 ug/l

RT: 9.93 min Scan# 1316

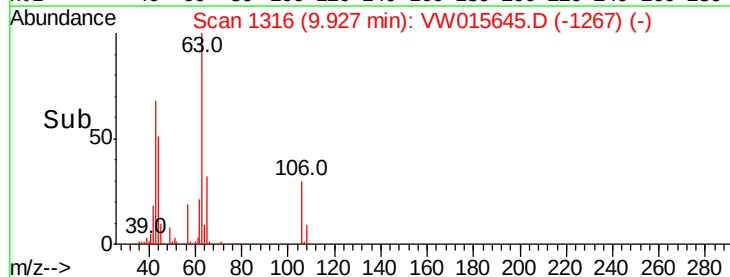
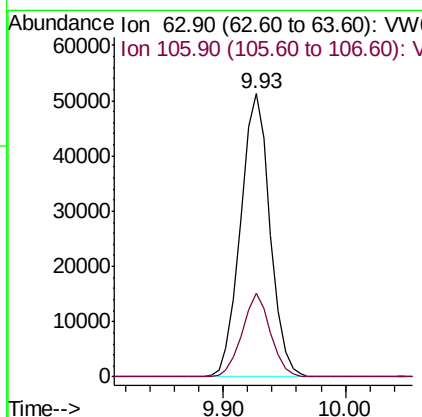
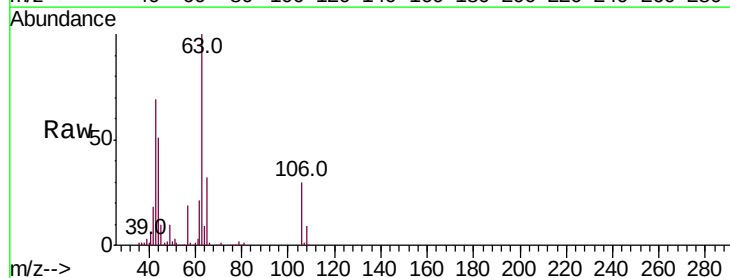
Delta R.T. 0.00 min

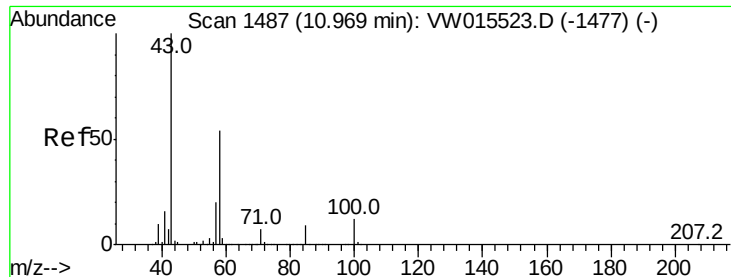
Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Tgt Ion: 63 Resp: 85460

Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.9	34.3





#59

2-Hexanone

Concen: 77.042 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

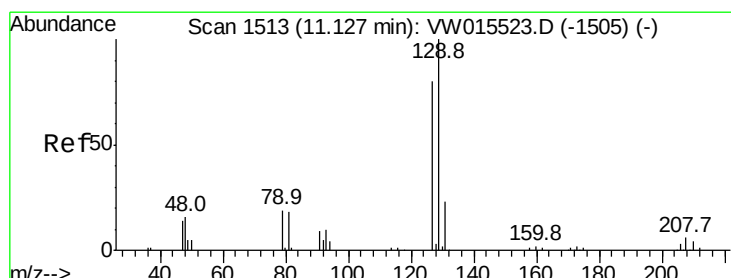
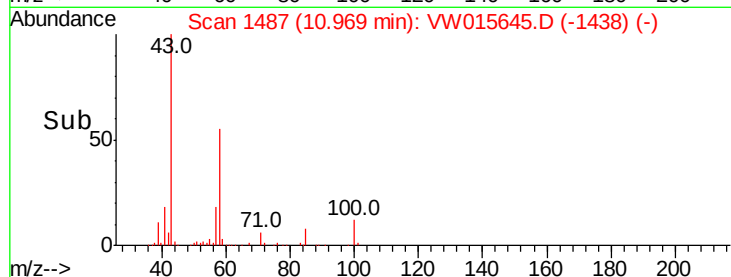
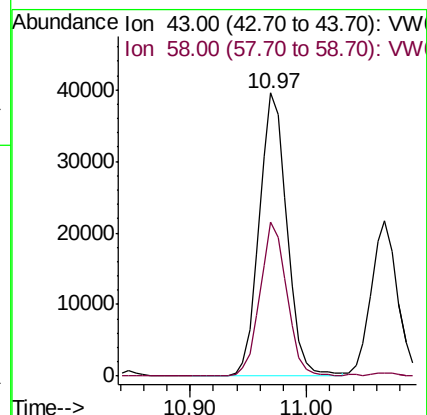
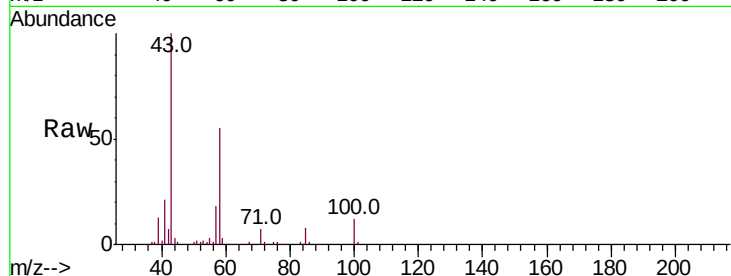
VW0622SBS01

Tot Ion: 43 Resp: 65914

Ion Ratio Lower Upper

43 100

58 52.5 26.8 80.3



#60

Dibromochloromethane

Concen: 16.690 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW015645.D

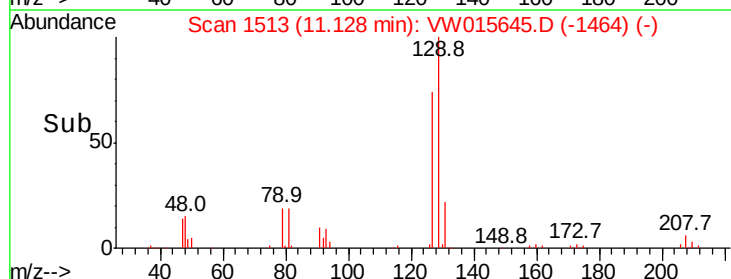
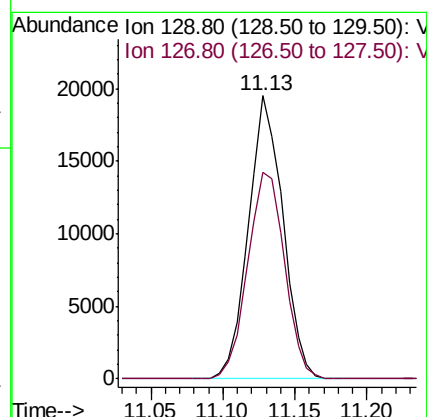
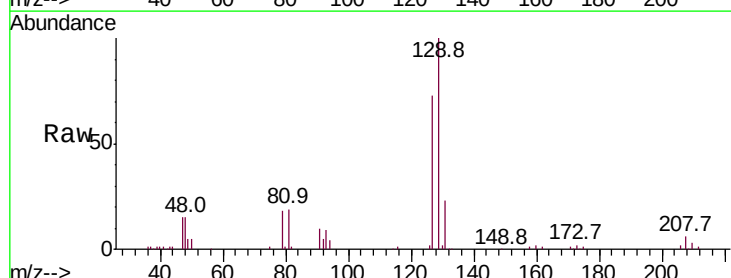
Acq: 22 Jun 2020 13:24

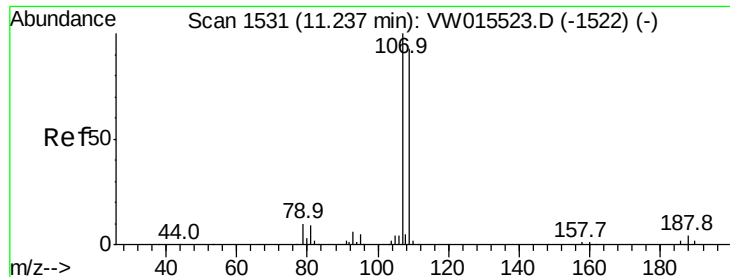
Tgt Ion: 129 Resp: 32256

Ion Ratio Lower Upper

129 100

127 78.3 38.4 115.2

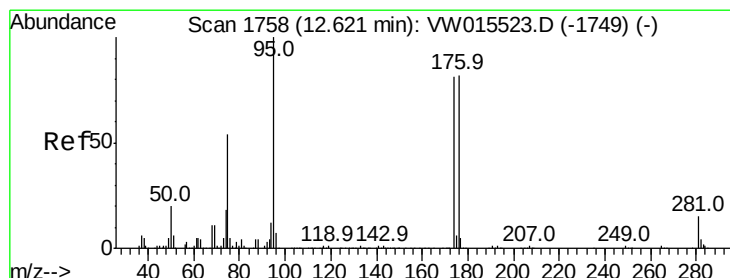
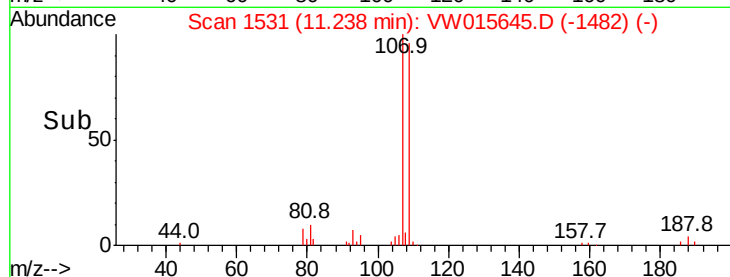
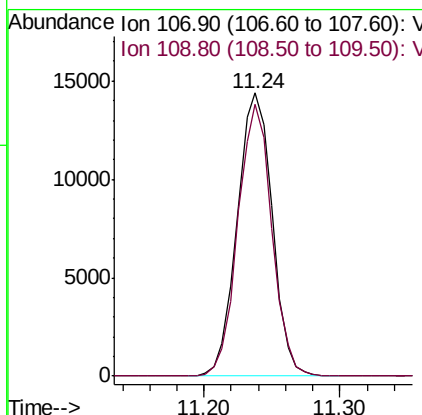
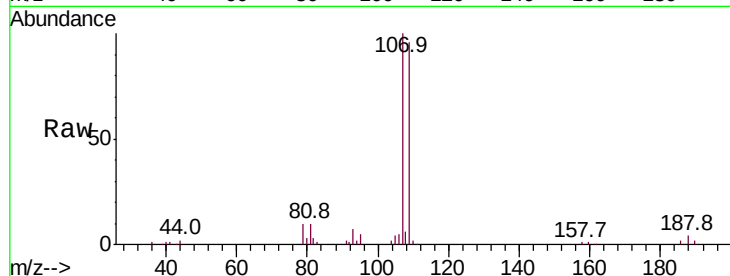




#61
 1,2-Dibromoethane
 Concen: 17.038 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

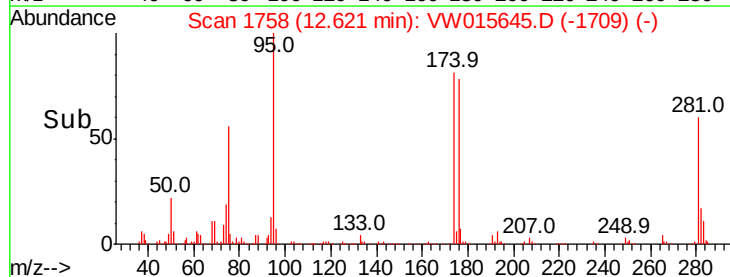
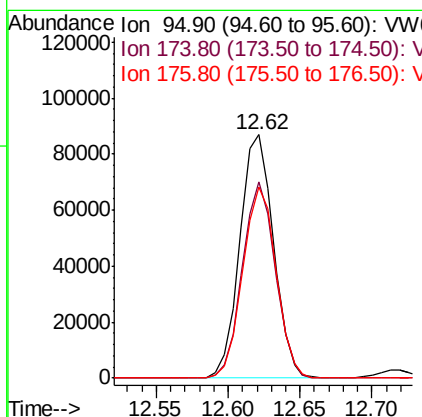
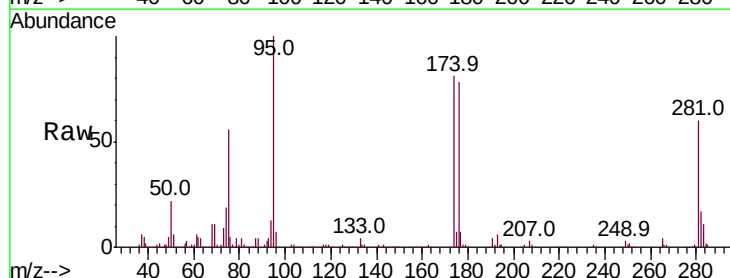
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

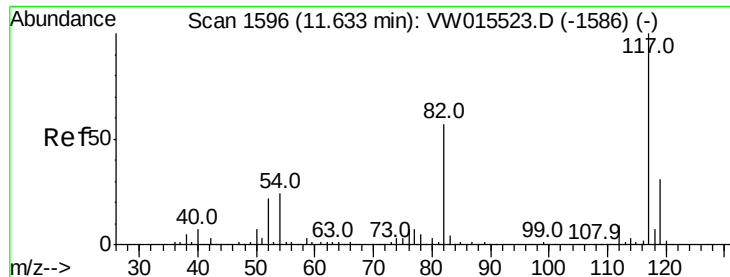
Tot Ion:107 Resp: 25827
 Ion Ratio Lower Upper
 107 100
 109 93.1 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.800 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion: 95 Resp: 141023
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 153.6
 176 77.6 0.0 152.8

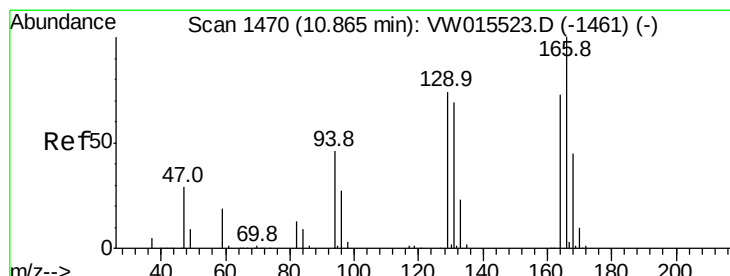
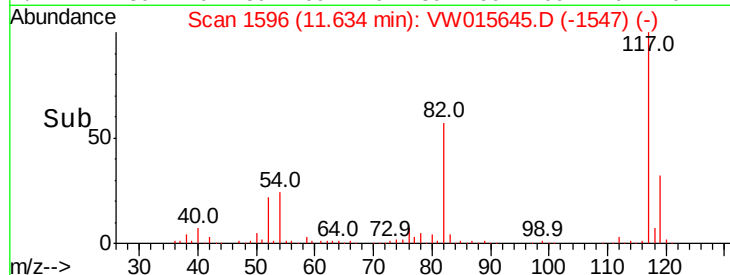
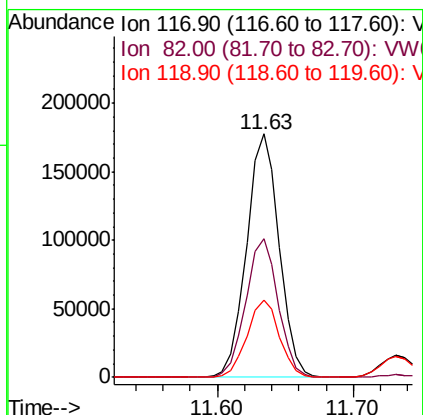
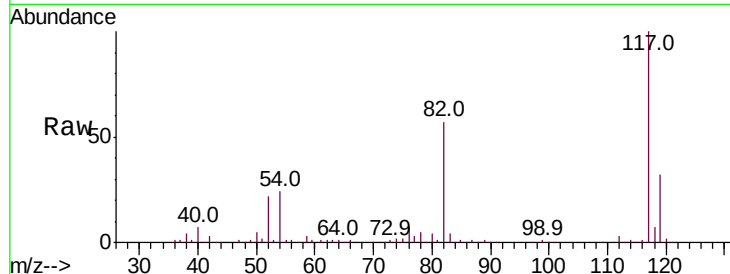




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

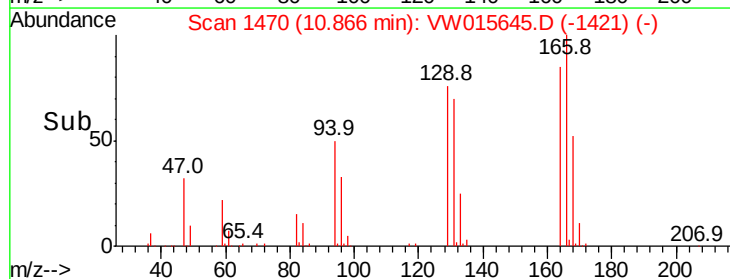
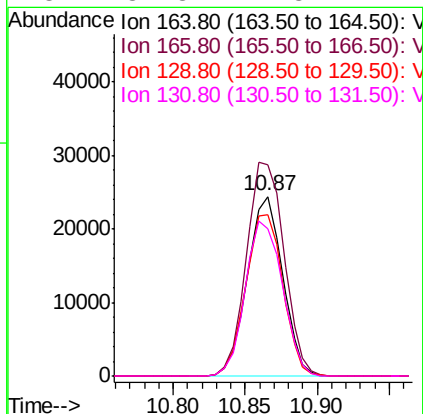
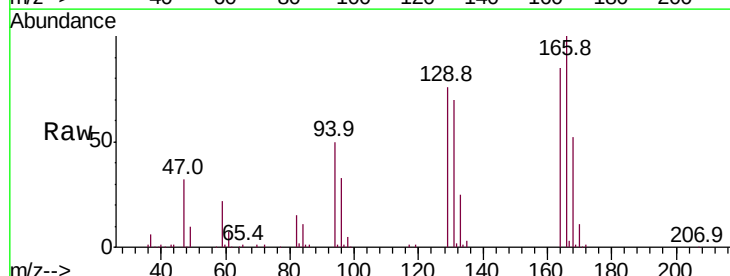
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

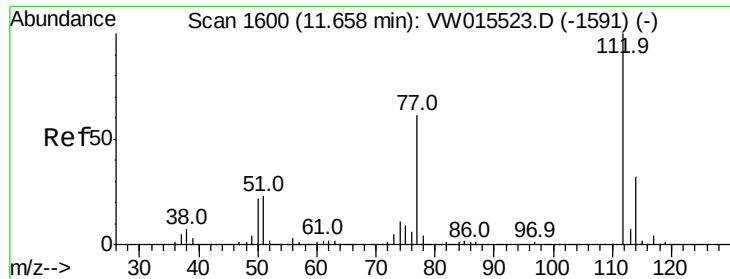
Tot Ion:117 Resp: 297480
Ion Ratio Lower Upper
117 100
82 57.0 45.8 68.8
119 31.8 24.7 37.1



#64
Tetrachloroethene
Concen: 20.781 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion:164 Resp: 41424
Ion Ratio Lower Upper
164 100
166 117.6 109.0 163.6
129 89.8 81.0 121.4
131 82.3 74.8 112.2

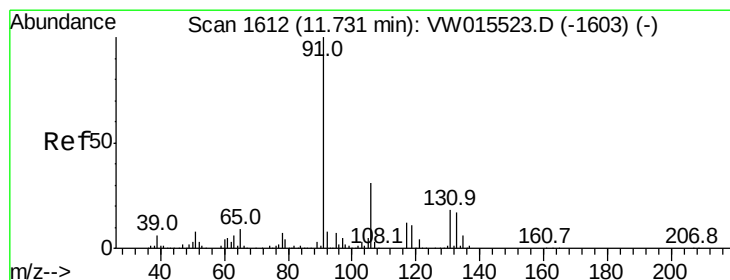
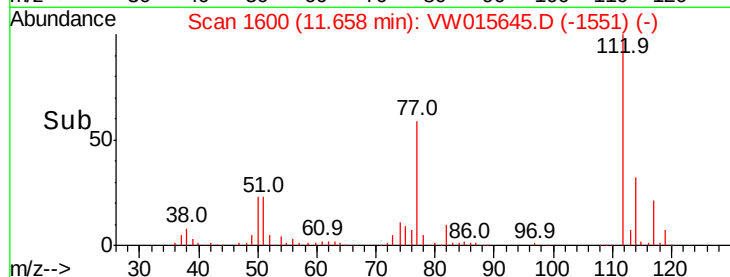
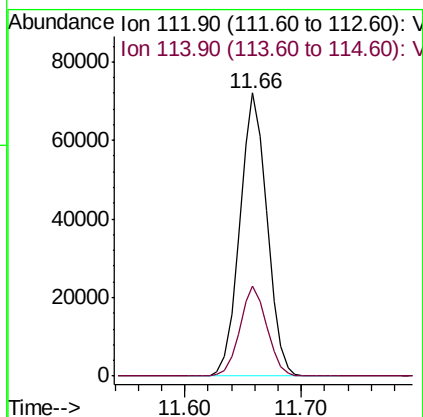
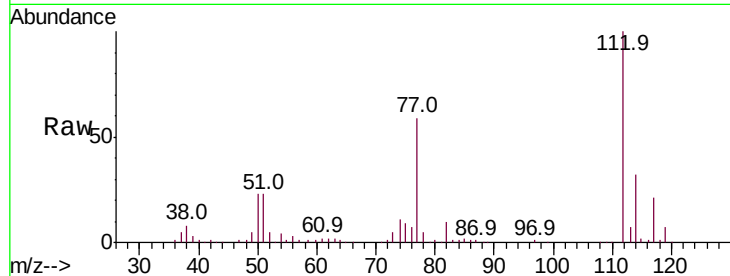




#65
Chlorobenzene
Concen: 19.368 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

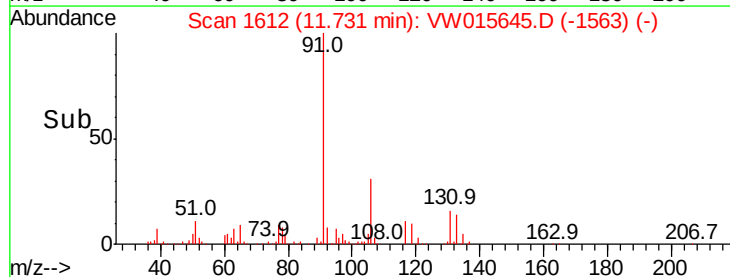
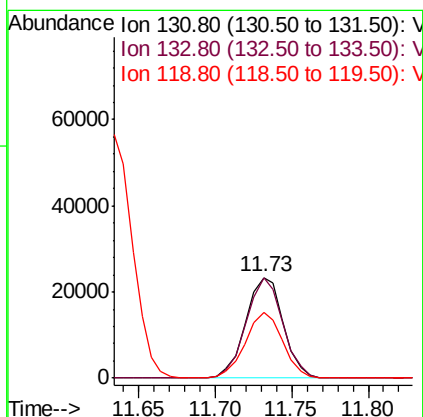
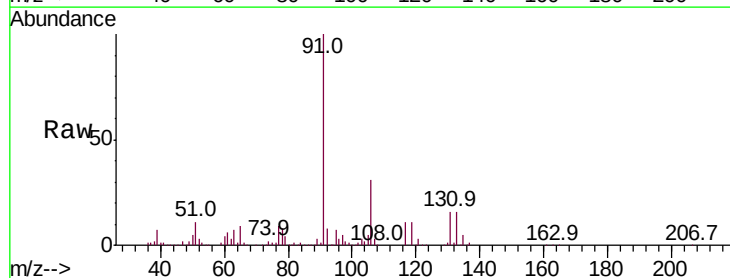
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

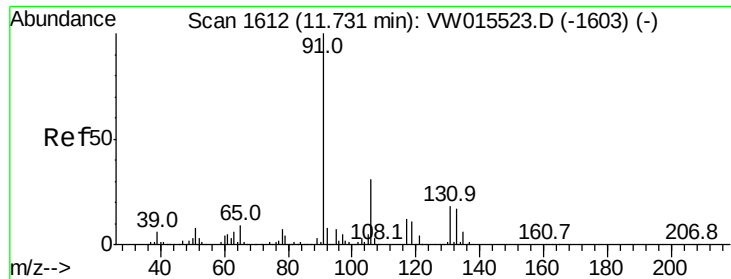
Tot Ion:112 Resp: 117452
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.454 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion:131 Resp: 39995
Ion Ratio Lower Upper
131 100
133 97.0 48.3 144.8
119 64.8 32.5 97.5

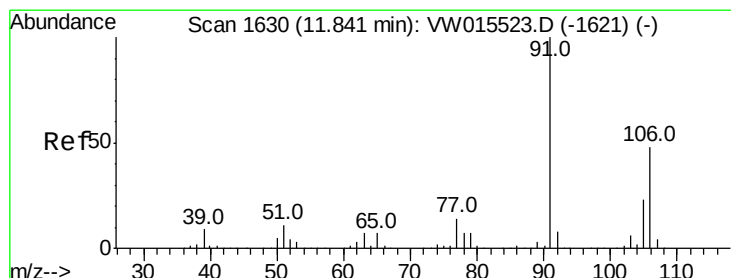
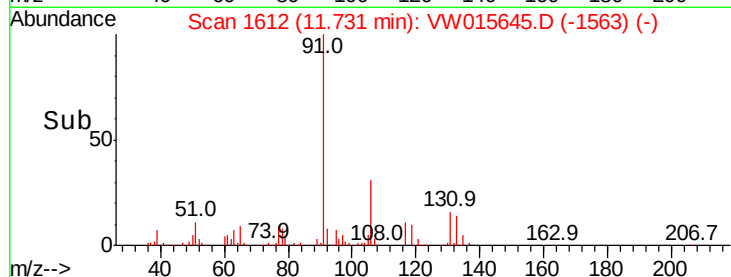
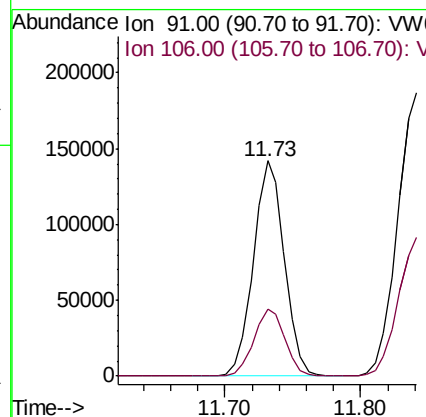
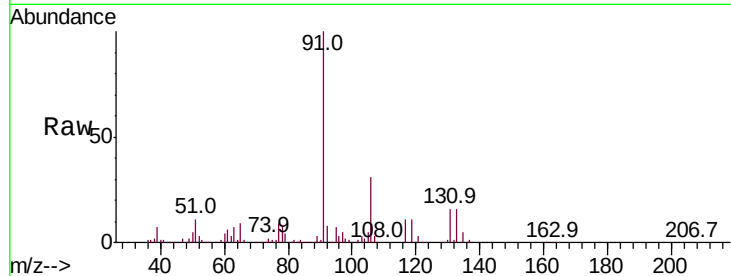




#67
Ethyl Benzene
Concen: 19.781 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

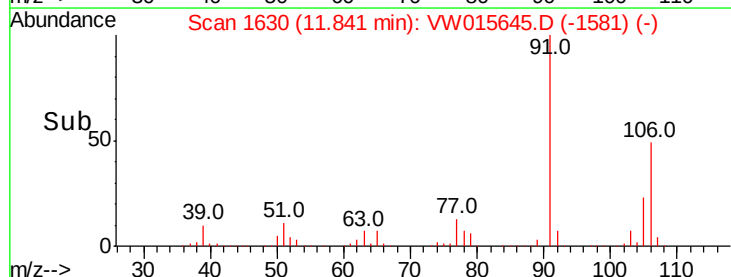
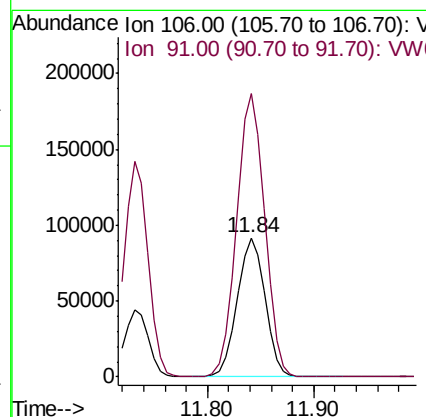
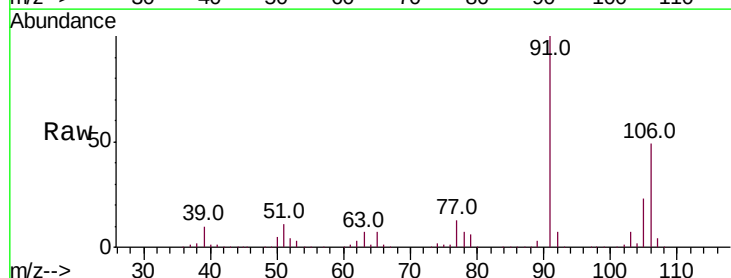
Instrument :
MSVOA_W
ClientSampled :
VW0622SBS01

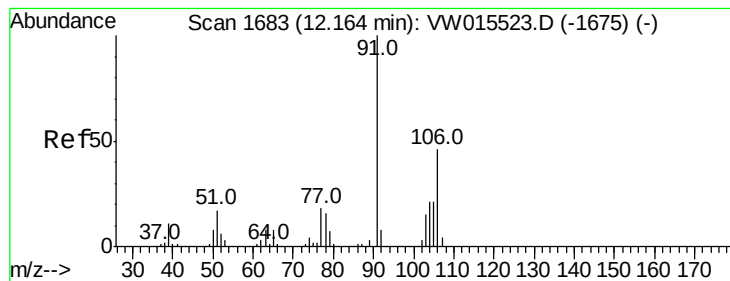
Tot Ion: 91 Resp: 225715
Ion Ratio Lower Upper
91 100
106 31.4 24.5 36.7



#68
m/p-Xylenes
Concen: 39.561 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 106 Resp: 168667
Ion Ratio Lower Upper
106 100
91 205.4 163.5 245.3

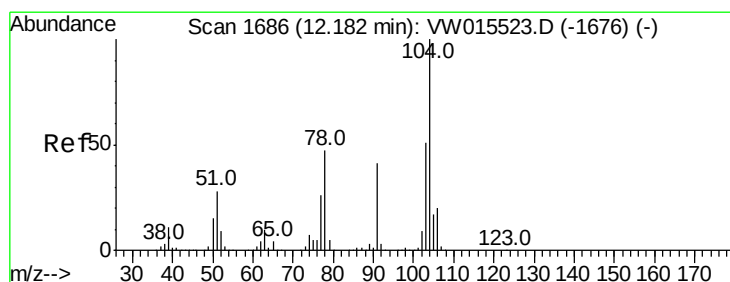
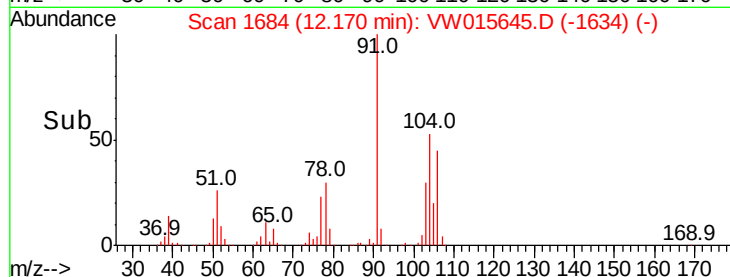
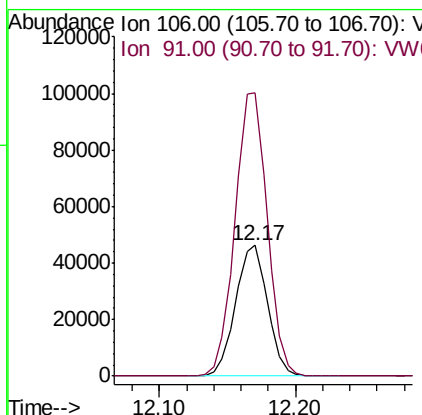
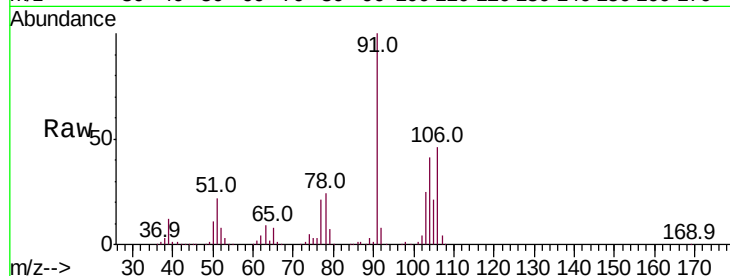




#69
o-Xylene
Concen: 19.048 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

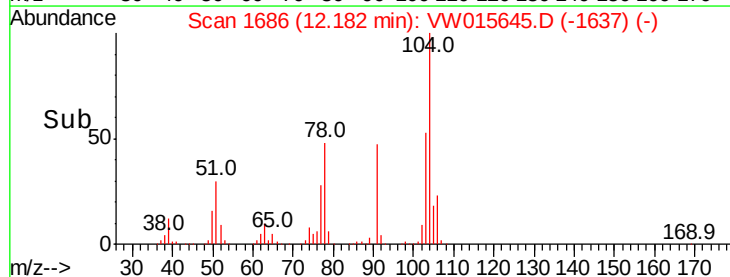
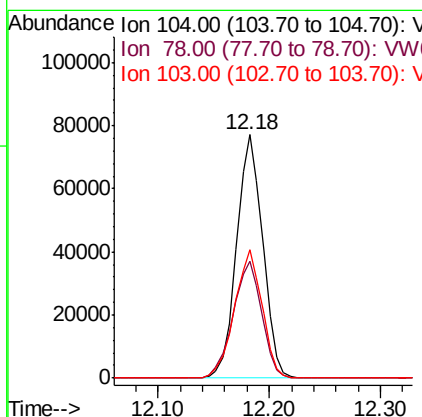
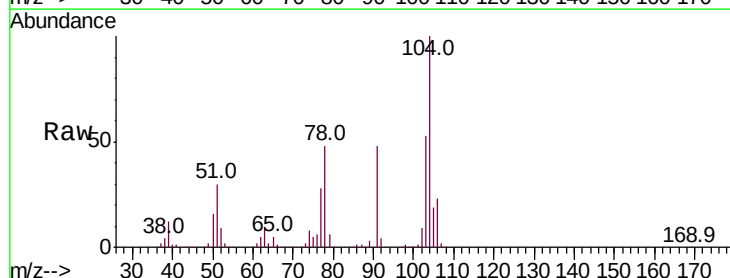
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

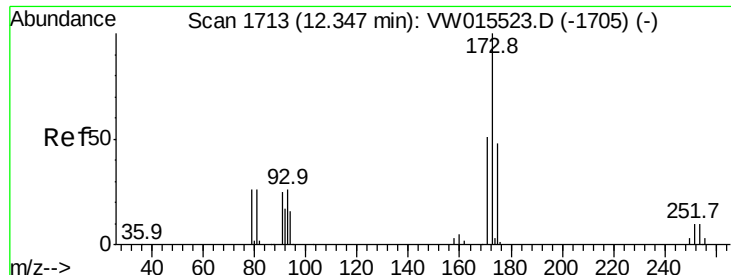
Tot Ion:106 Resp: 75650
Ion Ratio Lower Upper
106 100
91 219.5 107.8 323.4



#70
Styrene
Concen: 18.437 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion:104 Resp: 125065
Ion Ratio Lower Upper
104 100
78 52.6 41.7 62.5
103 55.8 43.8 65.8





#71

Bromoform

Concen: 15.648 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

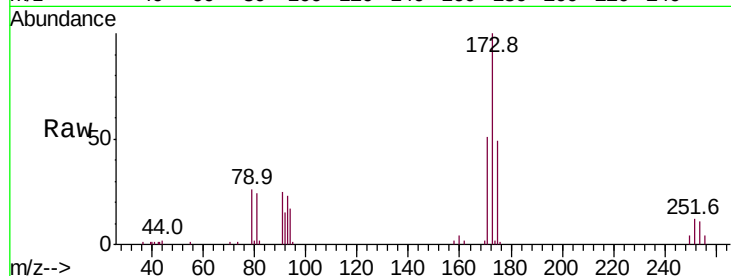
Tot Ion:173 Resp: 16300

Ion Ratio Lower Upper

173 100

175 48.8 24.8 74.3

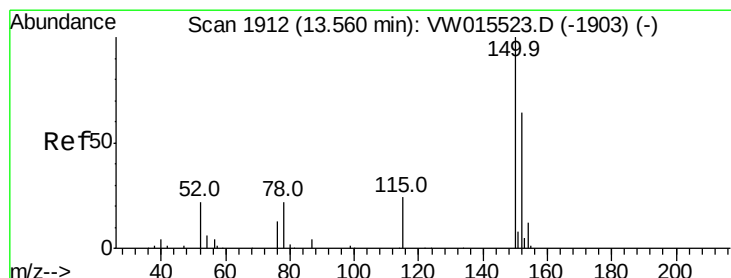
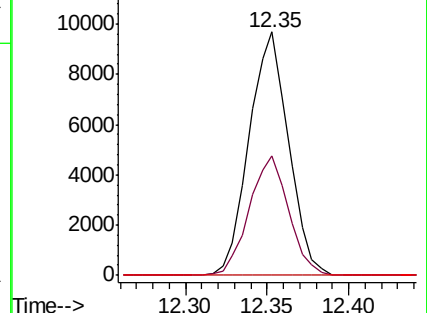
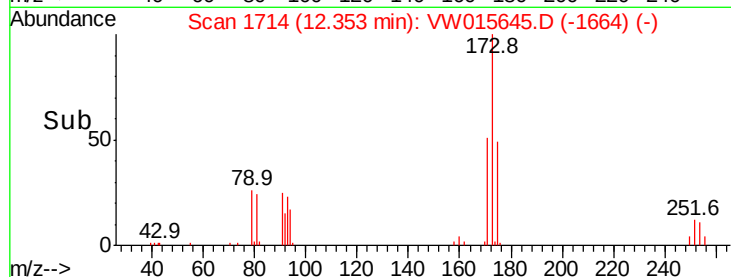
254 0.0 0.0 0.0



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: VW015645.D

Acq: 22 Jun 2020 13:24

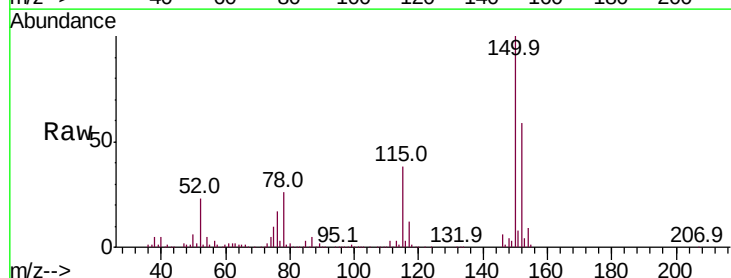
Tgt Ion:152 Resp: 141162

Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

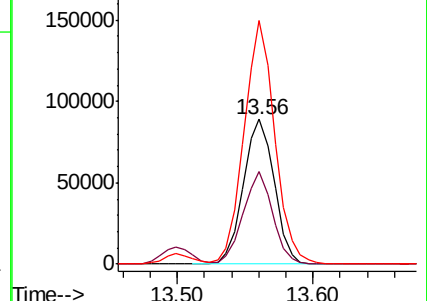
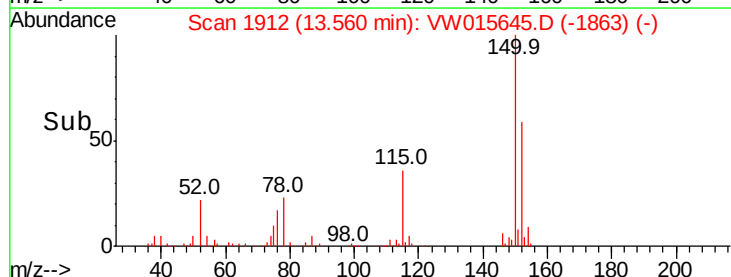
150 166.9 0.0 351.0

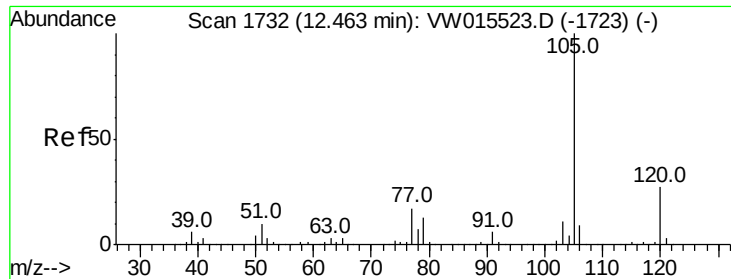


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

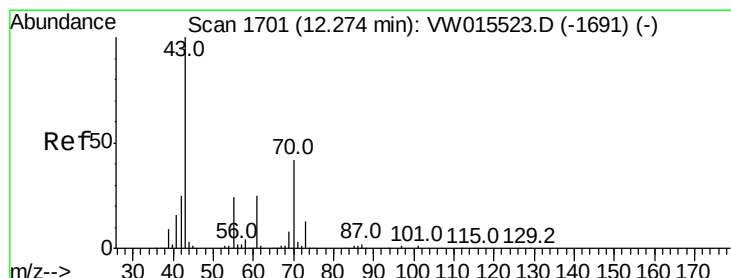
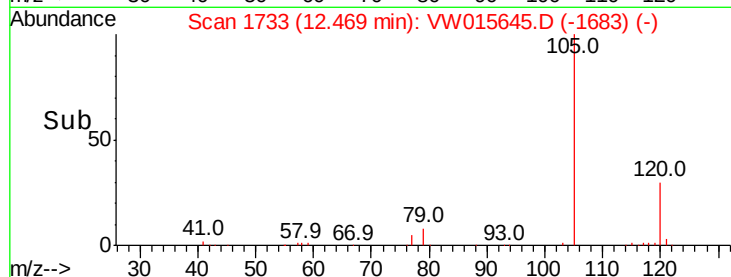
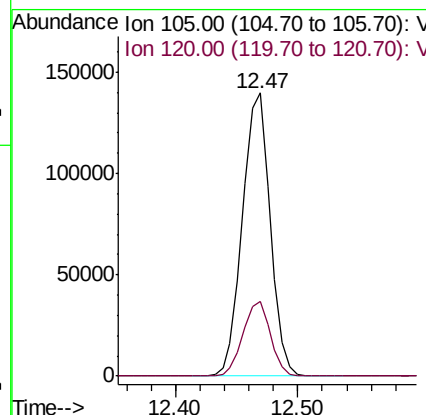
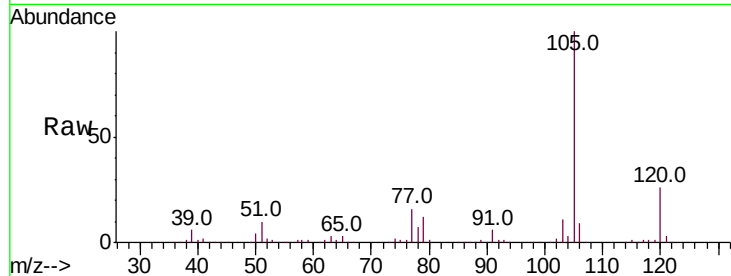




#73
Isopropylbenzene
Concen: 20.325 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

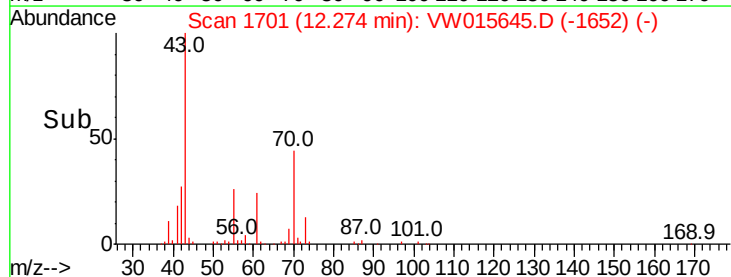
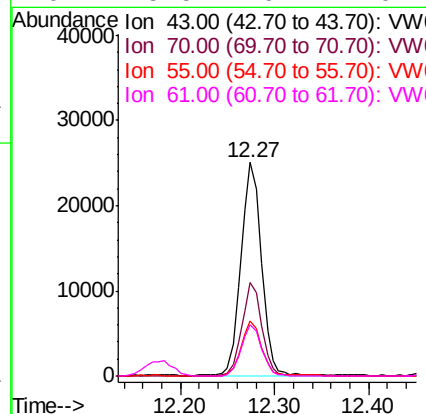
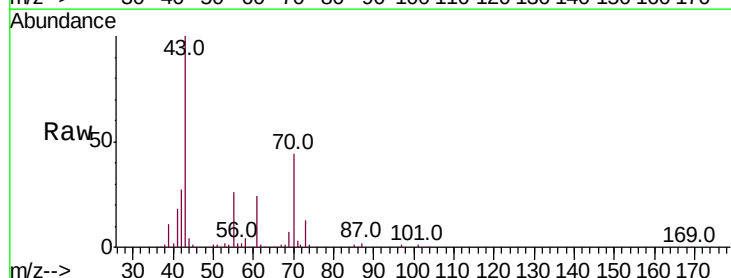
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

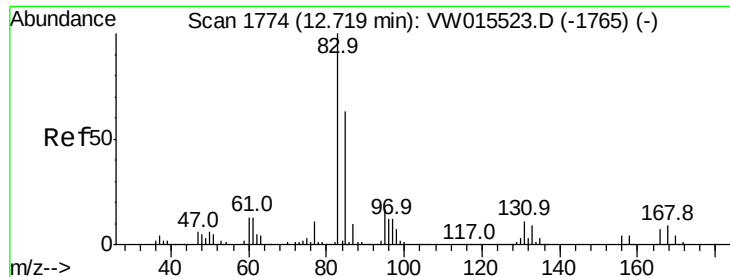
Tot Ion:105 Resp: 219369
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 16.621 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 43 Resp: 38506
Ion Ratio Lower Upper
43 100
70 41.8 33.6 50.4
55 24.9 19.1 28.7
61 23.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.735 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

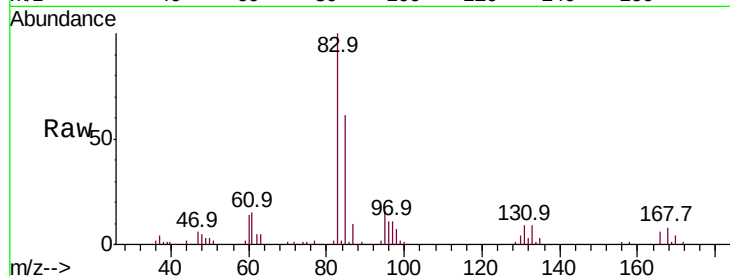
Tot Ion: 83 Resp: 29495

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

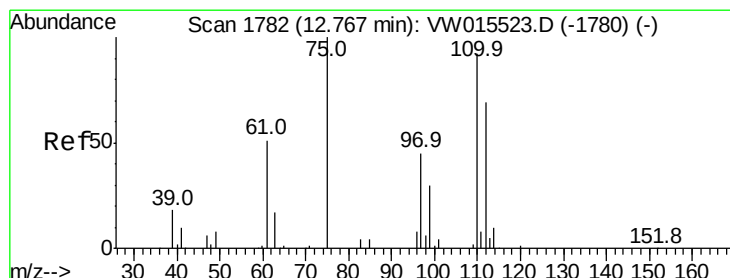
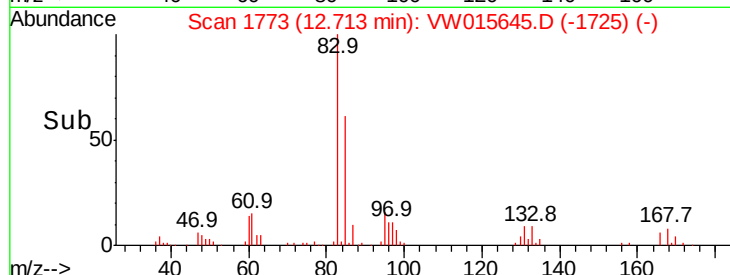
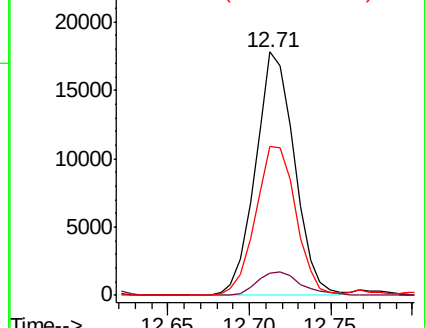
85 63.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 32.722 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015645.D

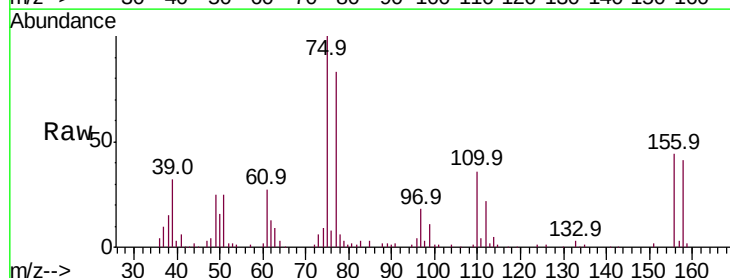
Acq: 22 Jun 2020 13:24

Tgt Ion: 75 Resp: 38951

Ion Ratio Lower Upper

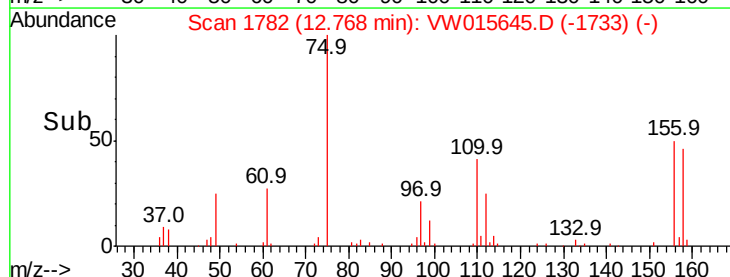
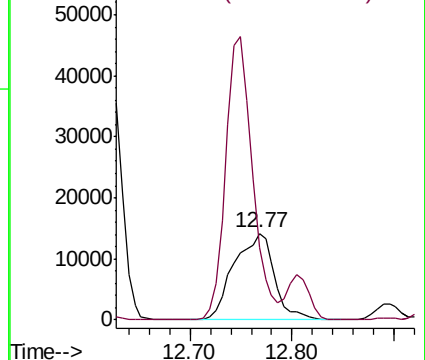
75 100

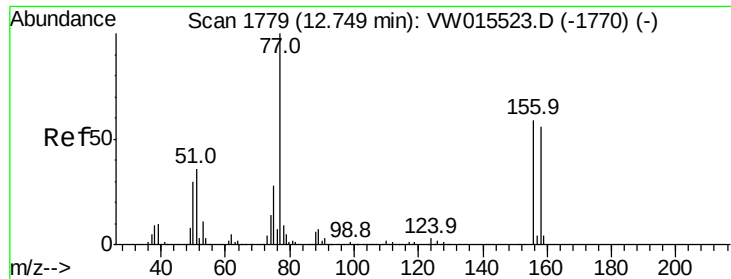
77 217.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

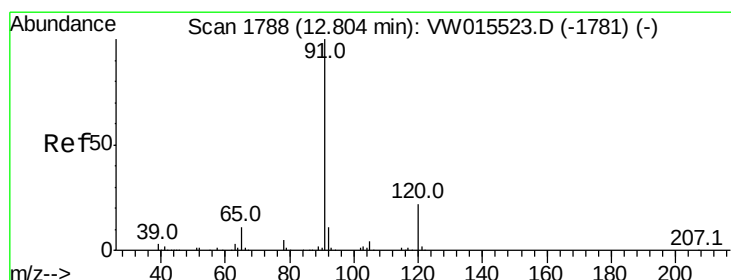
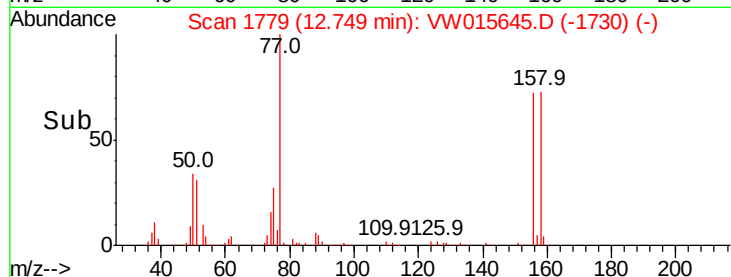
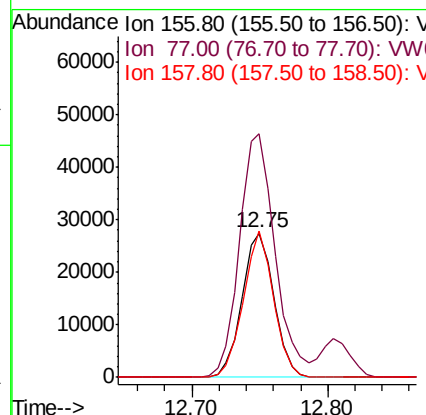
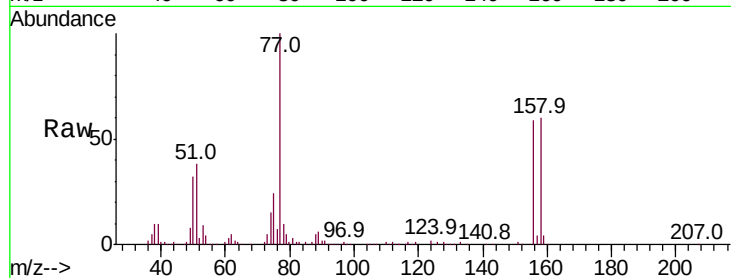




#77
Bromobenzene
Concen: 19.347 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

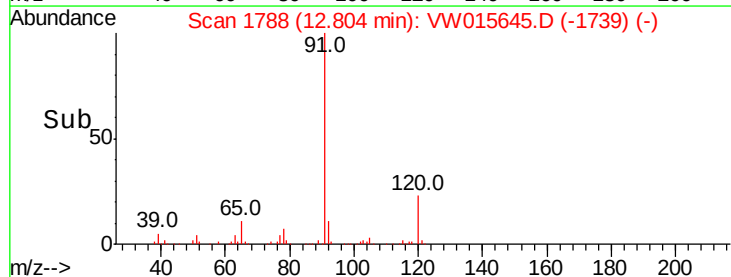
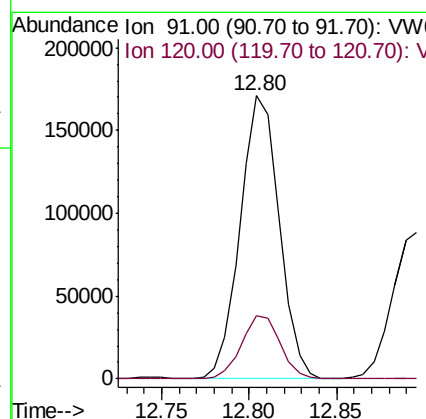
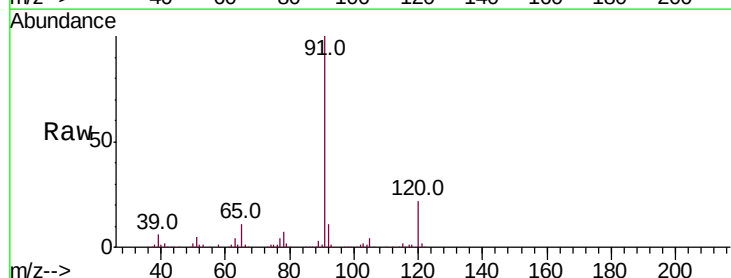
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

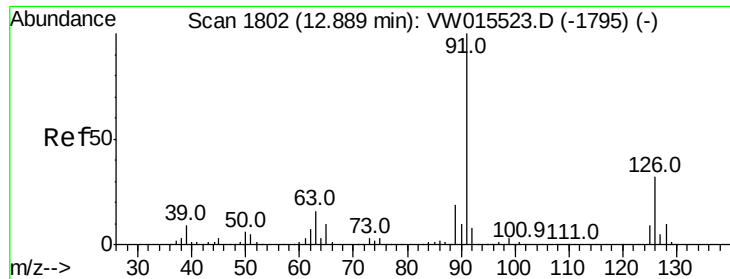
Tot Ion:156 Resp: 45090
Ion Ratio Lower Upper
156 100
77 188.0 97.3 291.8
158 95.3 48.5 145.6



#78
n-propylbenzene
Concen: 20.557 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 91 Resp: 265079
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

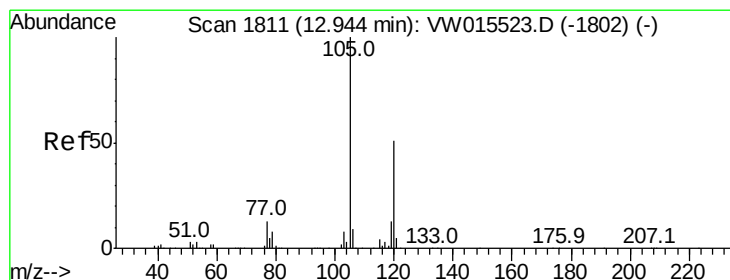
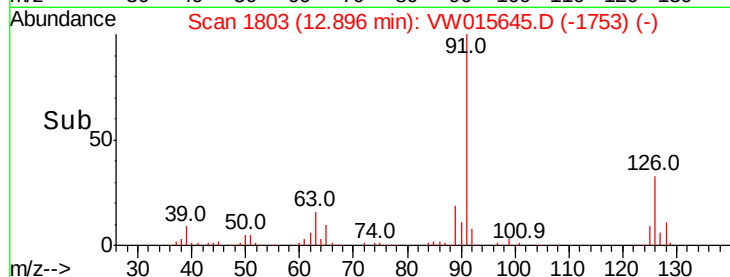
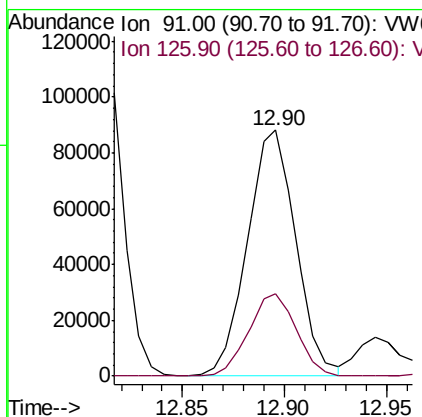
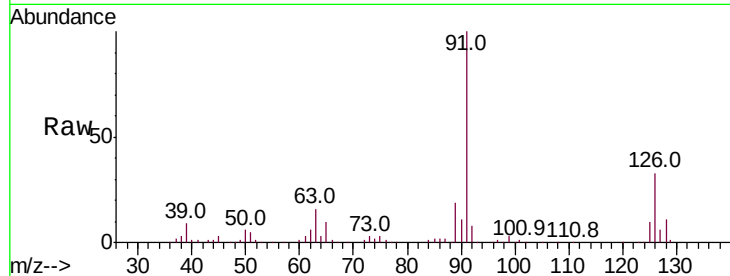




#79
 2-Chlorotoluene
 Concen: 19.804 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.01 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

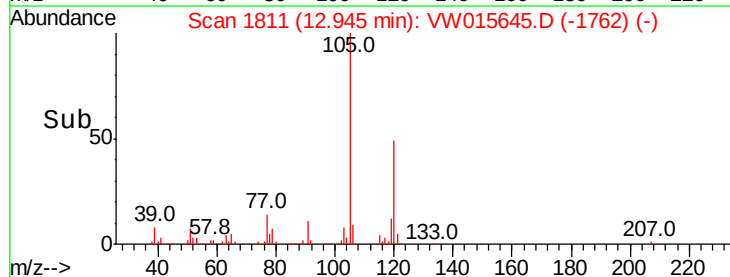
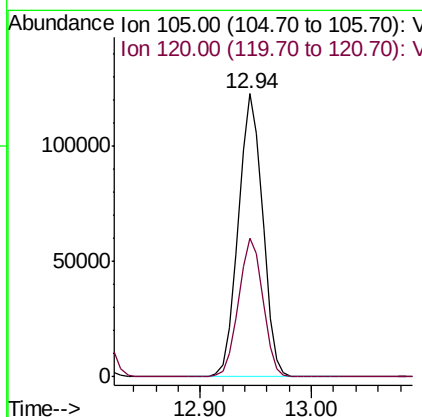
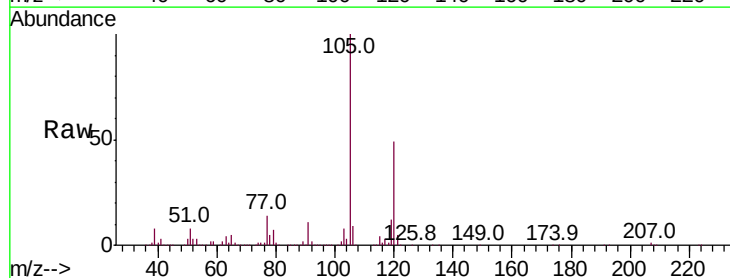
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

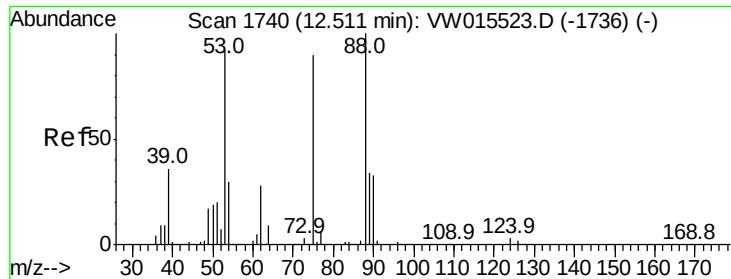
Tot Ion: 91 Resp: 144953
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.2 48.5



#80
 1,3,5-Trimethylbenzene
 Concen: 20.404 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion:105 Resp: 185583
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 14.999 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

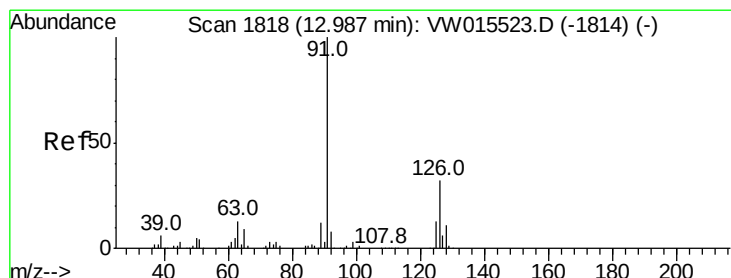
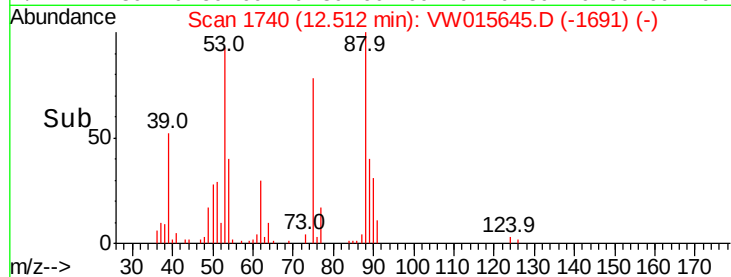
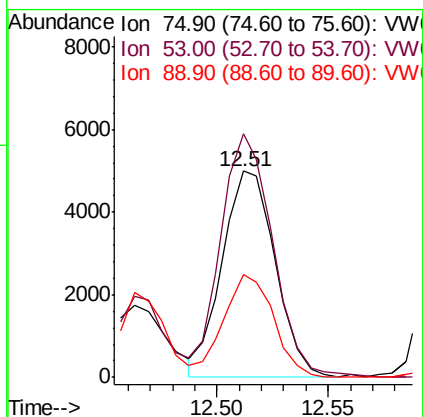
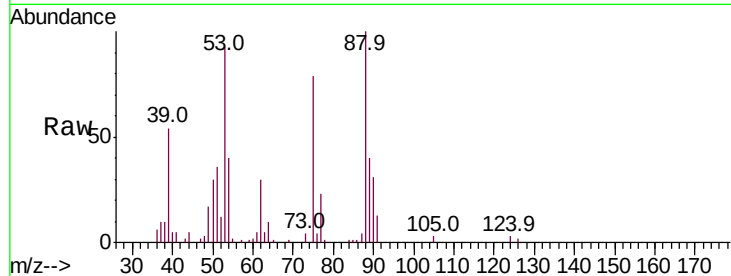
Tot Ion: 75 Resp: 8289

Ion Ratio Lower Upper

75 100

53 115.5 84.0 126.0

89 47.0 36.6 55.0



#82

4-Chlorotoluene

Concen: 20.193 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VW015645.D

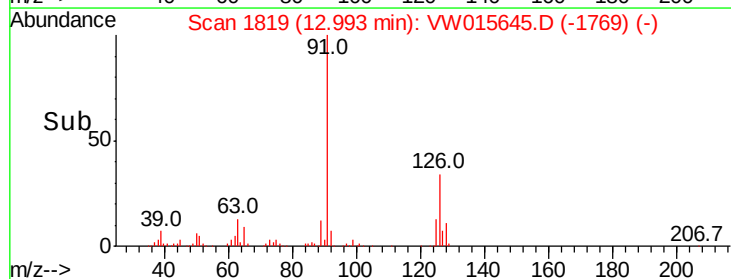
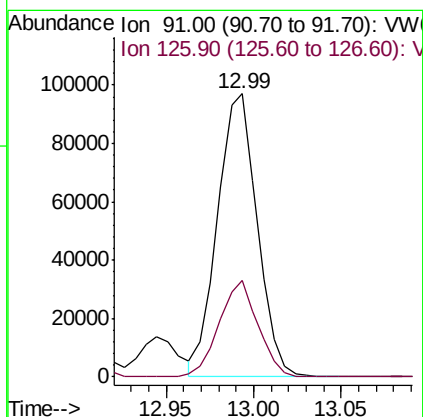
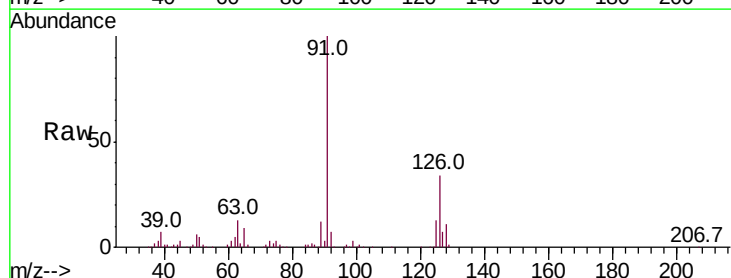
Acq: 22 Jun 2020 13:24

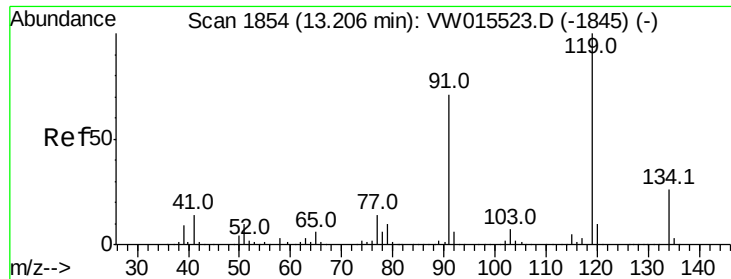
Tgt Ion: 91 Resp: 152588

Ion Ratio Lower Upper

91 100

126 33.4 16.4 49.4

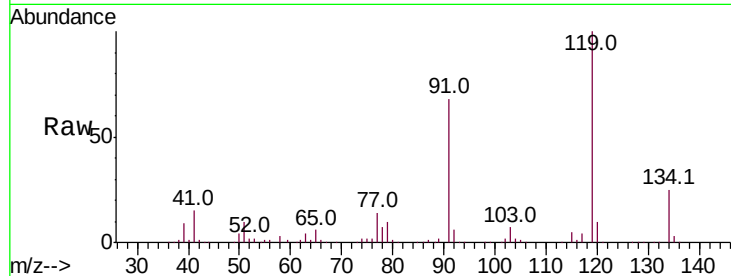




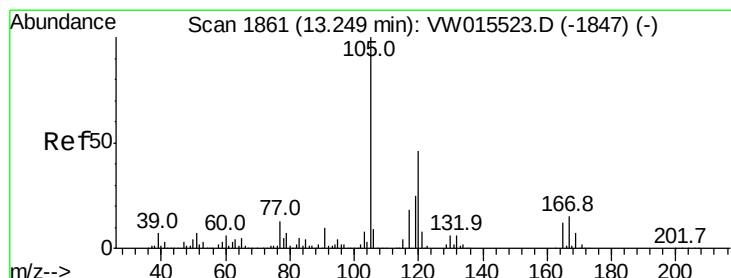
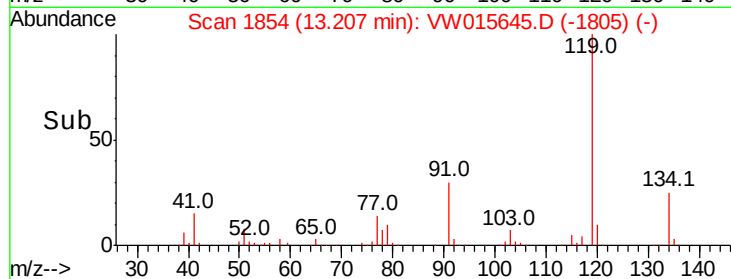
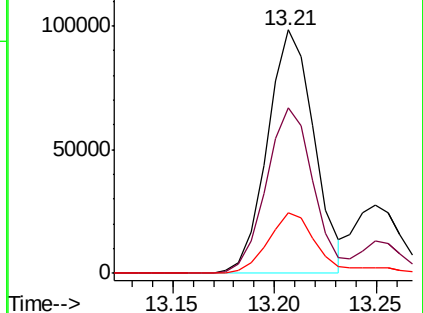
#83
 tert-Butylbenzene
 Concen: 20.211 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

Tot Ion:119 Resp: 156881
 Ion Ratio Lower Upper
 119 100
 91 69.2 34.2 102.5
 134 26.9 12.7 38.1

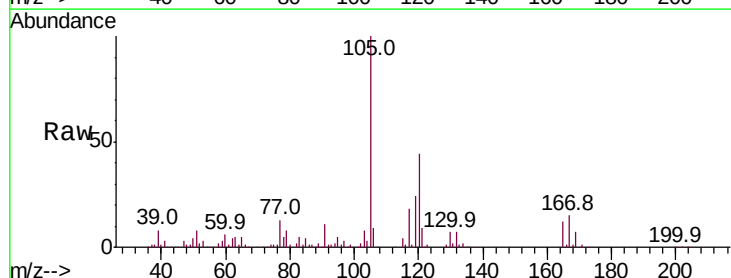


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

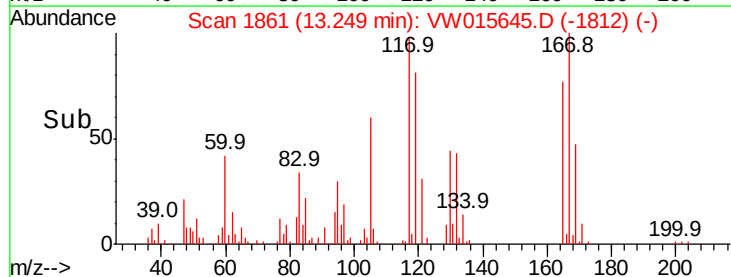
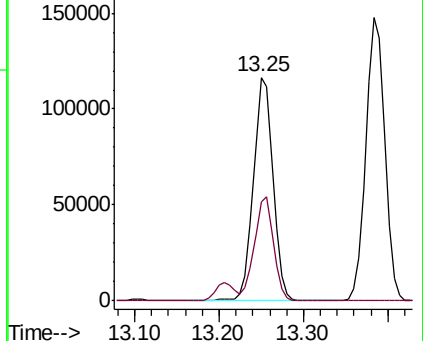


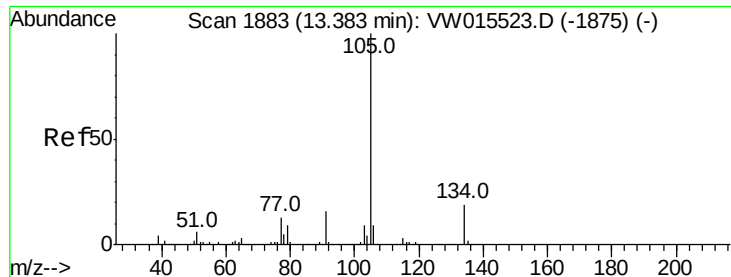
#84
 1,2,4-Trimethylbenzene
 Concen: 20.194 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion:105 Resp: 183547
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.069 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

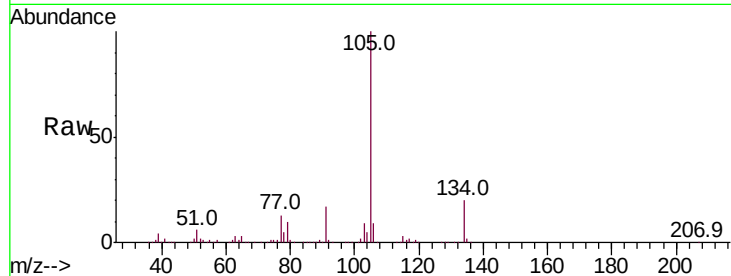
VW0622SBS01

Tot Ion:105 Resp: 230800

Ion Ratio Lower Upper

105 100

134 19.7 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

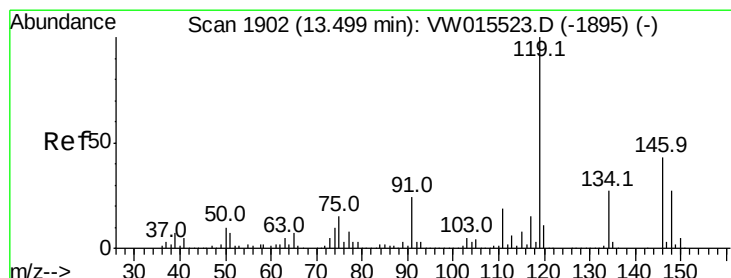
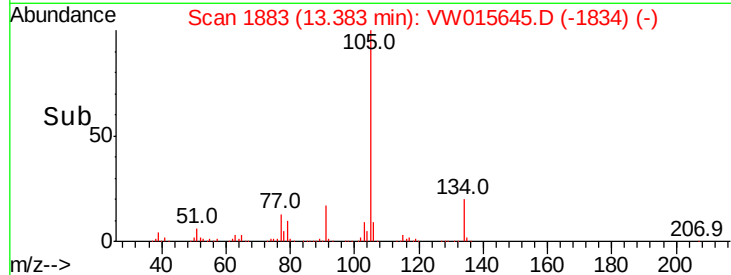
100000

50000

0

13.30 13.40 13.50

Time-->



#86

p-Isopropyltoluene

Concen: 20.107 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

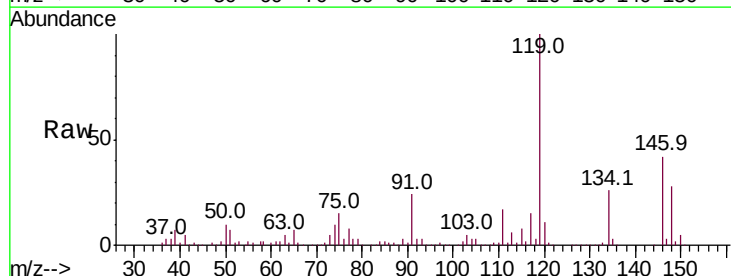
Tgt Ion:119 Resp: 201755

Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 25.1 12.0 36.0



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

150000

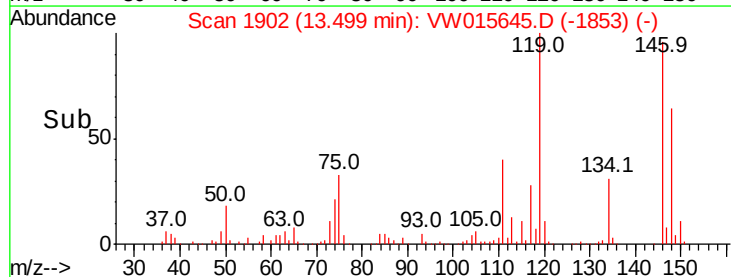
100000

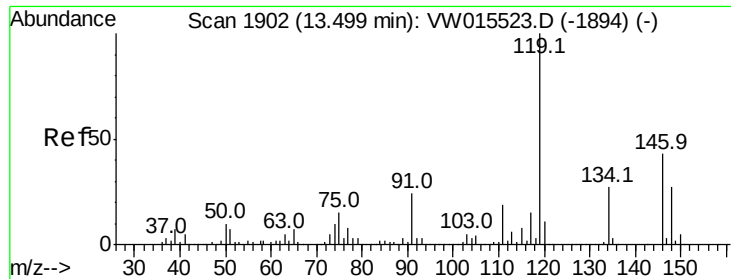
50000

0

13.45 13.50 13.55

Time-->





#87

1,3-Dichlorobenzene

Concen: 20.096 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

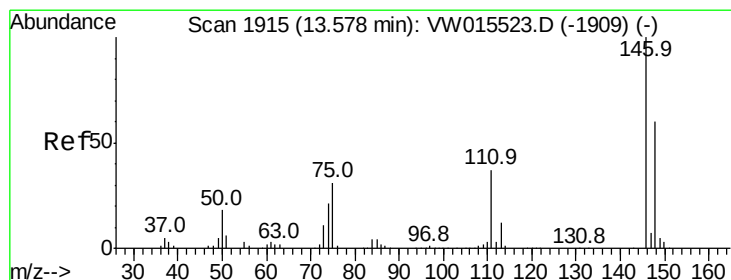
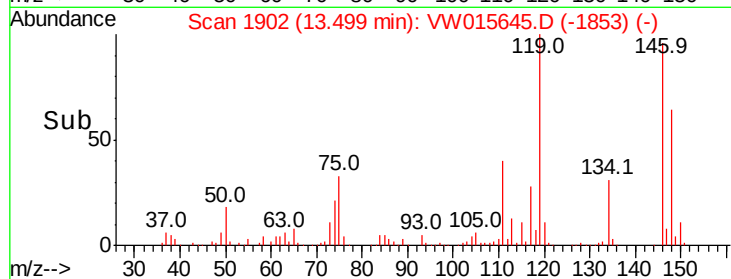
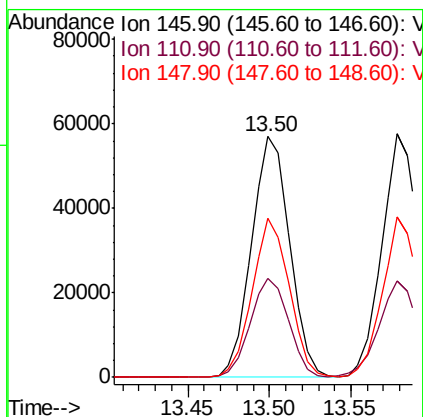
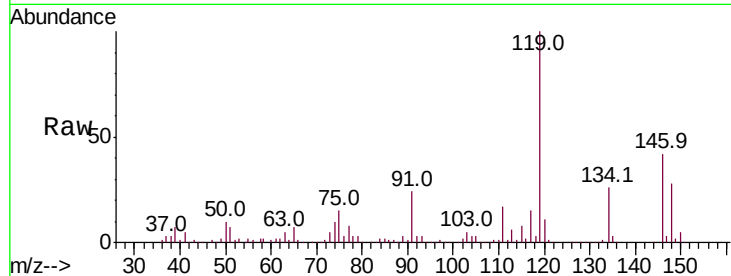
Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

Tot Ion:146 Resp: 92914

Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	64.1	31.2	93.6



#88

1,4-Dichlorobenzene

Concen: 19.749 ug/l

RT: 13.58 min Scan# 1915

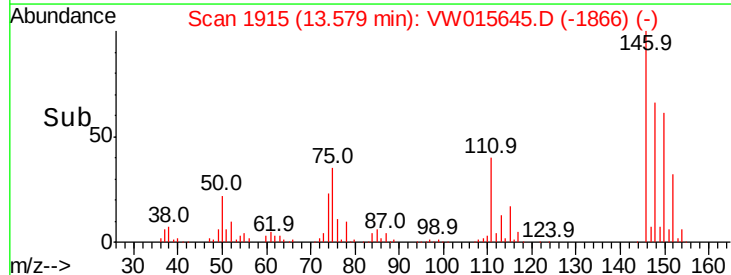
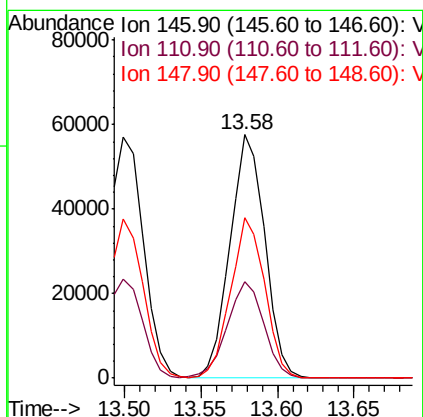
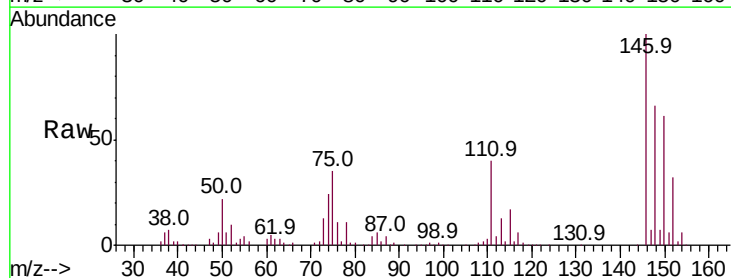
Delta R.T. 0.00 min

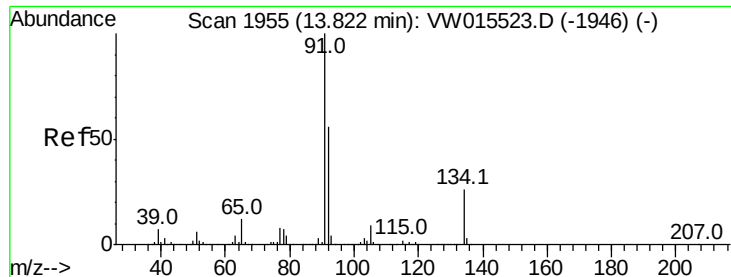
Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Tgt Ion:146 Resp: 90974

Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.6	58.7
148	64.6	30.9	92.7

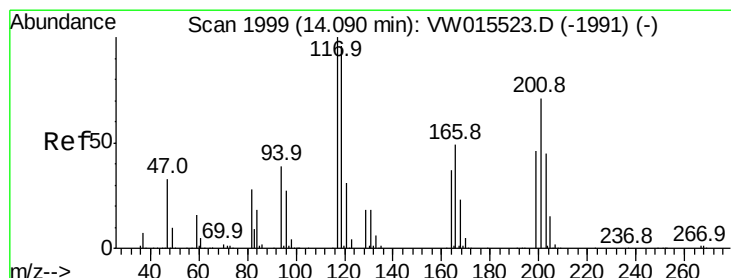
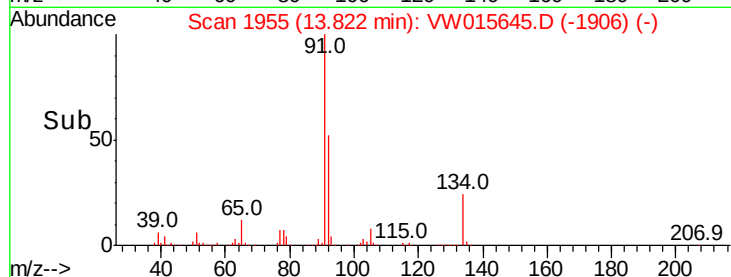
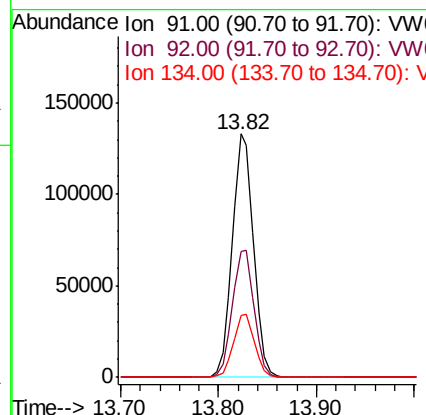
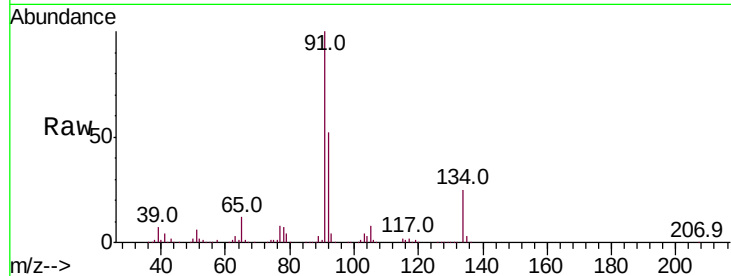




#89
n-Butylbenzene
Concen: 20.655 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

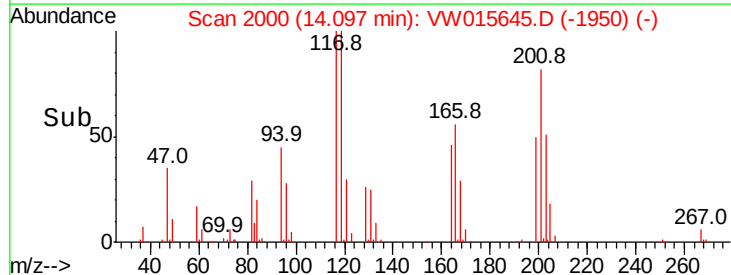
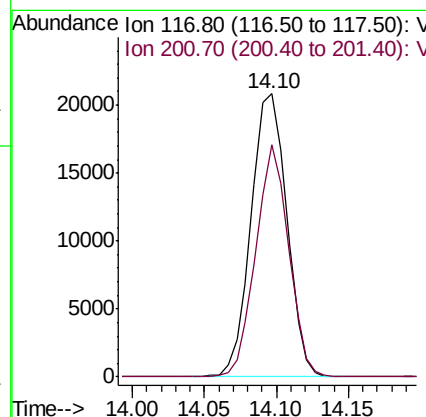
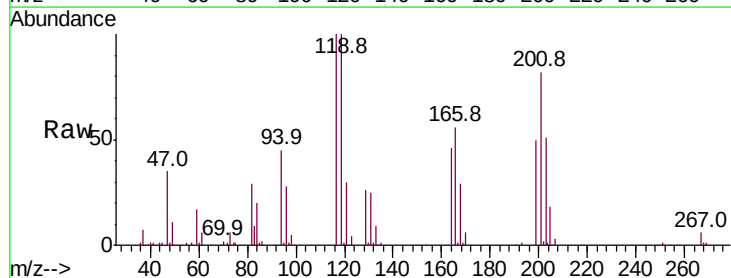
Instrument :
MSVOA_W
ClientSampleId :
VW0622SBS01

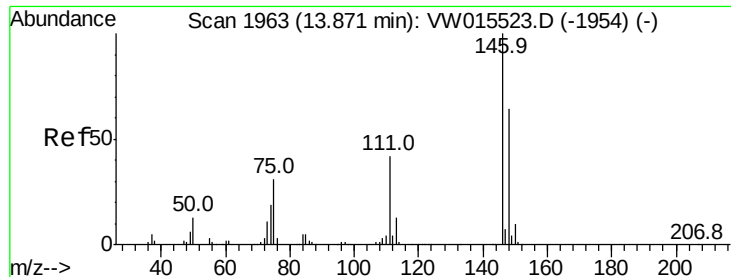
Tot Ion: 91 Resp: 198946
Ion Ratio Lower Upper
91 100
92 53.6 27.3 81.9
134 25.7 13.1 39.1



#90
Hexachloroethane
Concen: 19.400 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW015645.D
Acq: 22 Jun 2020 13:24

Tgt Ion: 117 Resp: 35809
Ion Ratio Lower Upper
117 100
201 75.4 38.5 115.3

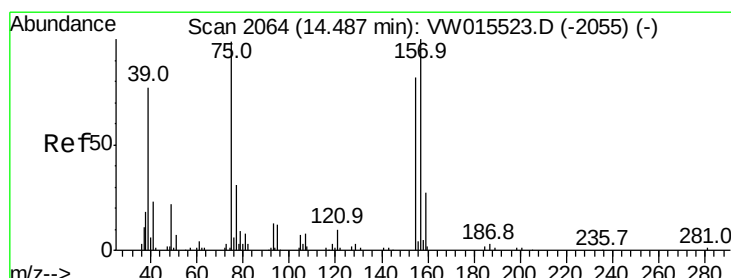
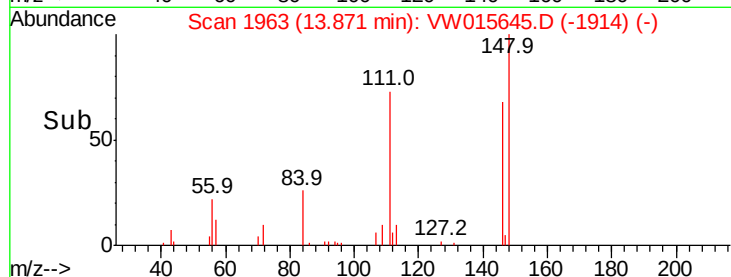
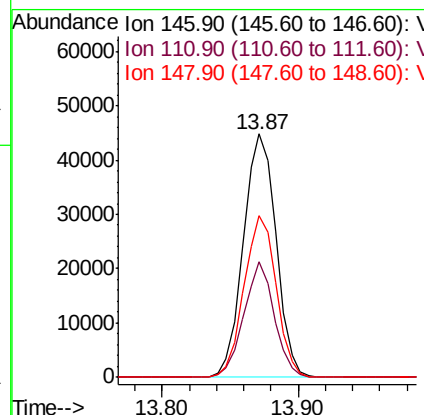
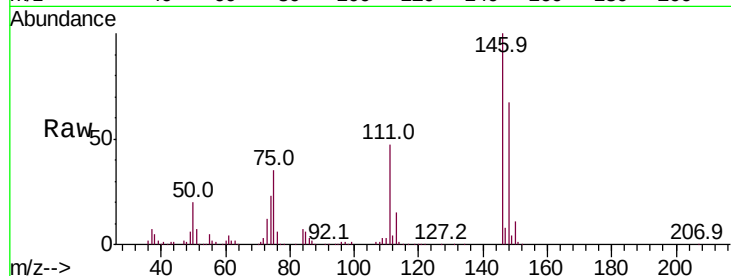




#91
 1,2-Dichlorobenzene
 Concen: 18.673 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

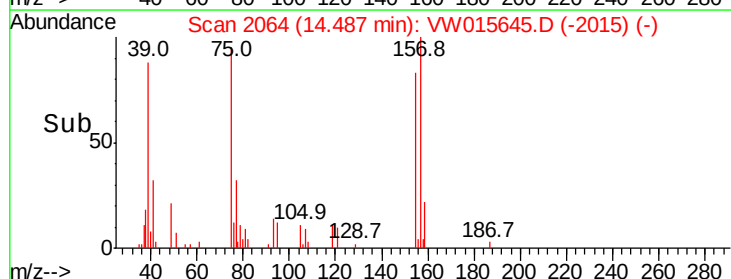
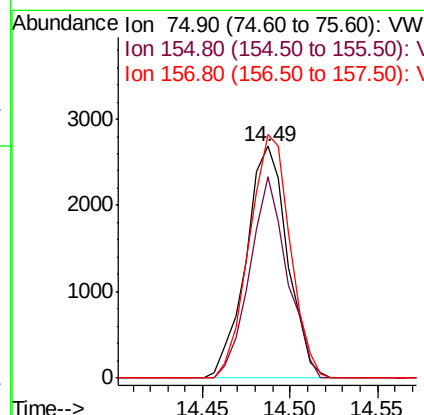
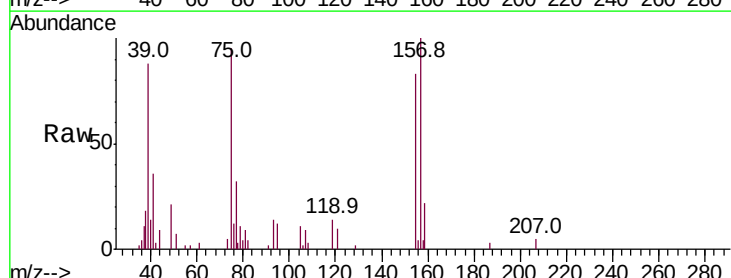
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

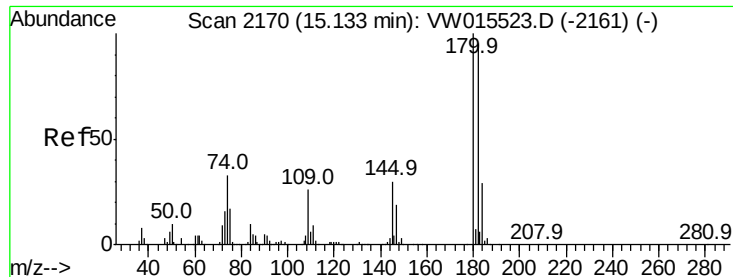
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	20.9	62.8
148	65.3	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.475 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.1	40.4	121.1
157	103.4	50.5	151.6

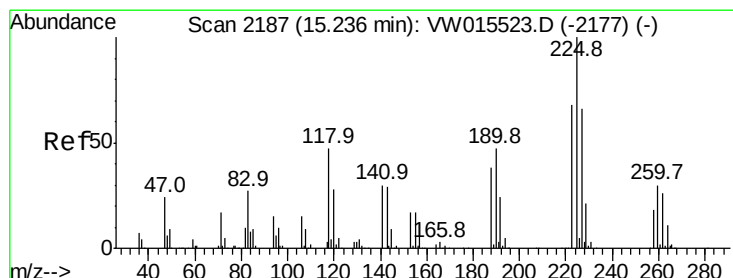
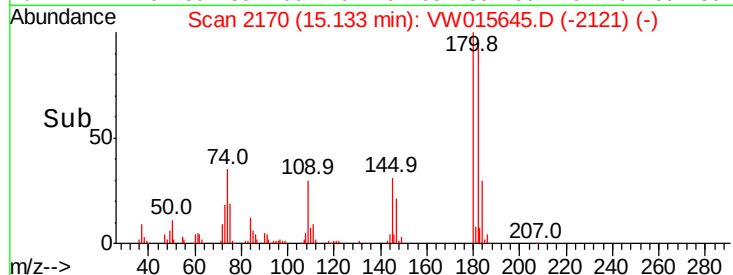
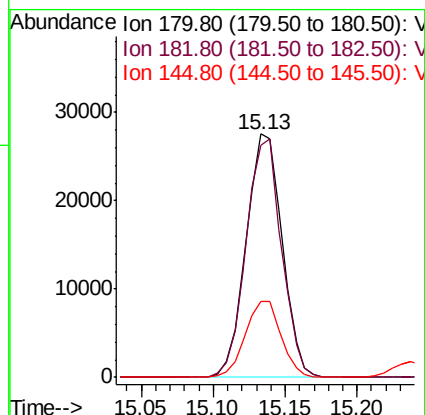
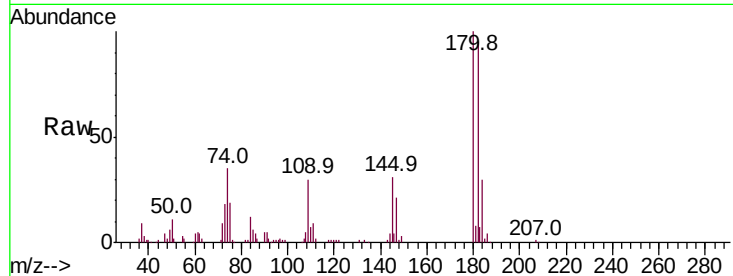




#93
 1,2,4-Trichlorobenzene
 Concen: 17.188 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

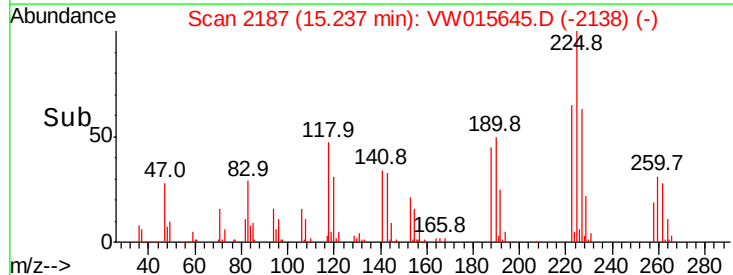
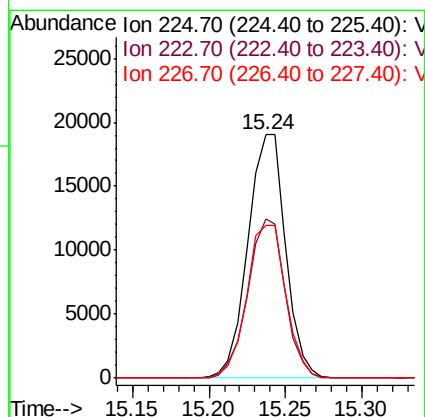
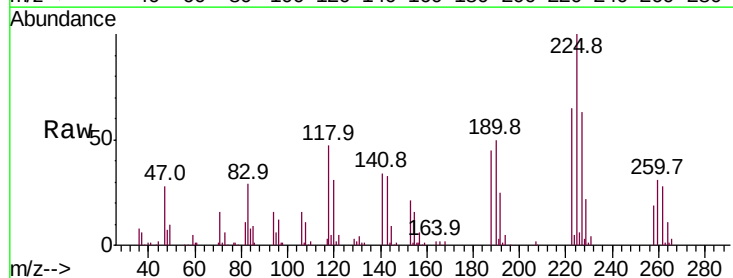
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0622SBS01

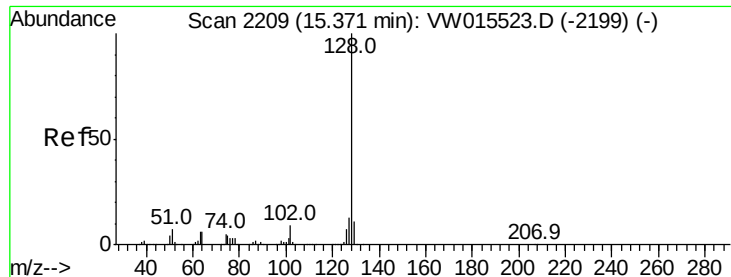
Tot Ion:180 Resp: 47664
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.7 143.1
 145 31.2 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 19.318 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015645.D
 Acq: 22 Jun 2020 13:24

Tgt Ion:225 Resp: 32669
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.8 95.4
 227 65.1 32.6 97.8





#95

Naphthalene

Concen: 15.206 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

Instrument :

MSVOA_W

ClientSampleId :

VW0622SBS01

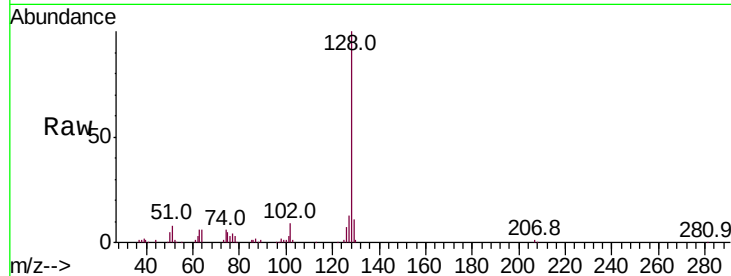
Tot Ion:128 Resp: 71316

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

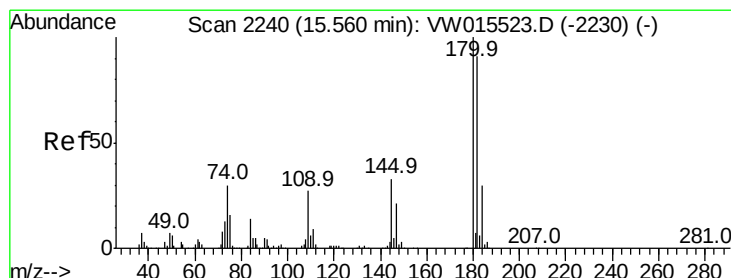
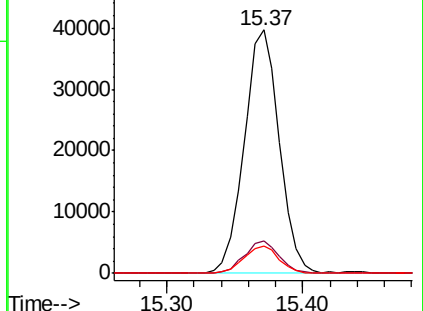
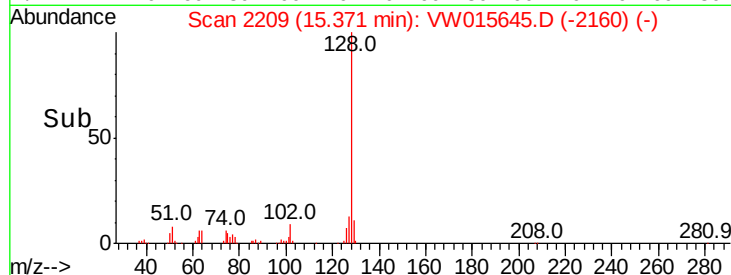
129 11.1 8.6 13.0



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: 16.546 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW015645.D

Acq: 22 Jun 2020 13:24

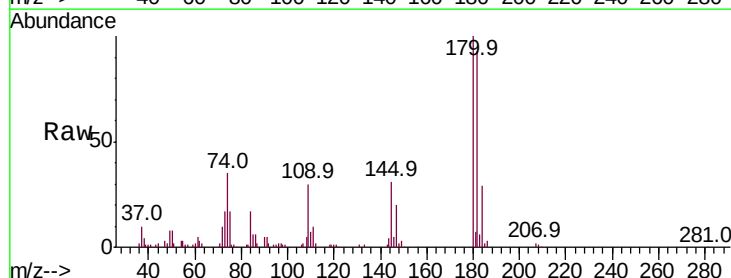
Tgt Ion:180 Resp: 38650

Ion Ratio Lower Upper

180 100

182 97.6 47.1 141.4

145 31.9 16.3 48.8



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

