

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015336.D
 Acq On : 24 Apr 2020 12:14
 Operator : SY/VA
 Sample : VW0424SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

Quant Time: Apr 25 06:46:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	285859	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	262273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145450	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	88909	53.72	ug/l	0.00
Spiked Amount			Recovery	=	107.44%	
35) Dibromofluoromethane	7.88	113	84940	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
50) Toluene-d8	10.32	98	326274	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.62	95	123665	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	30486	19.073	ug/l	95
3) Chloromethane	2.21	50	30902	17.754	ug/l	99
4) Vinyl Chloride	2.36	62	37418	18.205	ug/l	98
5) Bromomethane	2.76	94	32139	21.992	ug/l	93
6) Chloroethane	2.92	64	22990	18.032	ug/l	98
7) Trichlorofluoromethane	3.26	101	58297	20.044	ug/l	98
8) Diethyl Ether	3.69	74	16818	20.601	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.07	101	35719	19.915	ug/l	91
10) Methyl Iodide	4.28	142	30228	16.046	ug/l	99
11) Tert butyl alcohol	5.17	59	17637	130.721	ug/l	100
12) 1,1-Dichloroethene	4.04	96	33397	19.345	ug/l	95
13) Acrolein	3.90	56	10435	147.768	ug/l	97
14) Allyl chloride	4.67	41	42537	18.573	ug/l #	86
15) Acrylonitrile	5.37	53	34663	111.572	ug/l	98
16) Acetone	4.13	43	33338	115.320	ug/l	98
17) Carbon Disulfide	4.39	76	94142	18.350	ug/l	100
18) Methyl Acetate	4.68	43	16527	21.598	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	86254	21.764	ug/l	94
20) Methylene Chloride	4.92	84	34313	18.110	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	38618	19.724	ug/l	94
22) Diisopropyl ether	6.32	45	85961	19.565	ug/l #	91
23) Vinyl Acetate	6.26	43	274200	106.350	ug/l #	94
24) 1,1-Dichloroethane	6.22	63	58611	19.248	ug/l	98
25) 2-Butanone	7.18	43	44567	116.197	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	63229	19.738	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	42160	19.945	ug/l	97
28) Bromochloromethane	7.51	49	23240	20.992	ug/l #	73
29) Tetrahydrofuran	7.53	42	27794	116.314	ug/l	88
30) Chloroform	7.68	83	65924	20.060	ug/l	98
31) Cyclohexane	7.96	56	59040	19.289	ug/l #	83
32) 1,1,1-Trichloroethane	7.87	97	64454	20.321	ug/l	98
36) 1,1-Dichloropropene	8.09	75	52897	20.502	ug/l	99
37) Ethyl Acetate	7.26	43	20335	24.285	ug/l #	97
38) Carbon Tetrachloride	8.07	117	58308	20.680	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015336.D
 Acq On : 24 Apr 2020 12:14
 Operator : SY/VA
 Sample : VW0424SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0424SBS01

Quant Time: Apr 25 06:46:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	67272	19.590	ug/l	96
40) Benzene	8.32	78	138233	20.057	ug/l	100
41) Methacrylonitrile	7.48	41	12128	24.140	ug/l	94
42) 1,2-Dichloroethane	8.40	62	43195	21.290	ug/l	99
43) Isopropyl Acetate	8.43	43	39763	22.642	ug/l	95
44) Trichloroethene	9.09	130	44241	20.986	ug/l	94
45) 1,2-Dichloropropane	9.37	63	32300	20.153	ug/l	100
46) Dibromomethane	9.46	93	20135	21.718	ug/l #	85
47) Bromodichloromethane	9.65	83	51132	20.631	ug/l	99
48) Methyl methacrylate	9.44	41	17654	21.265	ug/l #	83
49) 1,4-Dioxane	9.45	88	5930	479.789	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	95823	116.234	ug/l	97
52) Toluene	10.38	92	93644	19.414	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	51119	20.918	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	57615	20.283	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	28848	22.221	ug/l	98
56) Ethyl methacrylate	10.65	69	35932	21.485	ug/l	92
57) 1,3-Dichloropropane	10.93	76	46639	21.688	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	92206	118.919	ug/l #	89
59) 2-Hexanone	10.97	43	67709	115.056	ug/l	97
60) Dibromochloromethane	11.13	129	37357	21.794	ug/l	98
61) 1,2-Dibromoethane	11.23	107	28475	22.479	ug/l	98
64) Tetrachloroethene	10.87	164	40613	21.697	ug/l	90
65) Chlorobenzene	11.66	112	102523	19.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	39312	21.253	ug/l	97
67) Ethyl Benzene	11.73	91	186500	19.432	ug/l	97
68) m/p-Xylenes	11.84	106	147521	39.213	ug/l	99
69) o-Xylene	12.16	106	69717	19.854	ug/l	98
70) Styrene	12.18	104	117095	19.563	ug/l	100
71) Bromoform	12.35	173	24762	23.758	ug/l #	96
73) Isopropylbenzene	12.46	105	195277	19.364	ug/l	99
74) N-amyl acetate	12.27	43	36899	21.031	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	31273	21.841	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	42462	37.737	ug/l #	100
77) Bromobenzene	12.74	156	47228	20.384	ug/l	83
78) n-propylbenzene	12.80	91	226140	19.259	ug/l	96
79) 2-Chlorotoluene	12.89	91	127316	19.240	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	168689	19.418	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	11017	21.403	ug/l	93
82) 4-Chlorotoluene	12.99	91	135466	19.281	ug/l	97
83) tert-Butylbenzene	13.21	119	147492	19.425	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	168857	19.707	ug/l	100
85) sec-Butylbenzene	13.38	105	199674	19.042	ug/l	97
86) p-Isopropyltoluene	13.50	119	191256	19.629	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	92481	20.089	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	92250	20.442	ug/l	98
89) n-Butylbenzene	13.82	91	173159	19.443	ug/l	97
90) Hexachloroethane	14.09	117	34114	19.091	ug/l	70
91) 1,2-Dichlorobenzene	13.87	146	82451	20.611	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	5885	22.712	ug/l	83

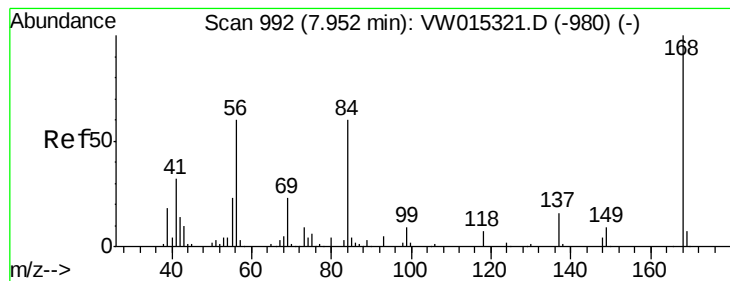
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
Data File : VW015336.D
Acq On : 24 Apr 2020 12:14
Operator : SY/VA
Sample : VW0424SBSD01
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Quant Time: Apr 25 06:46:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 21 06:39:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	59940	21.556	ug/l	97
94) Hexachlorobutadiene	15.23	225	39616	21.370	ug/l	97
95) Naphthalene	15.36	128	104324	23.324	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	51512	22.769	ug/l	98

(#) = 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. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

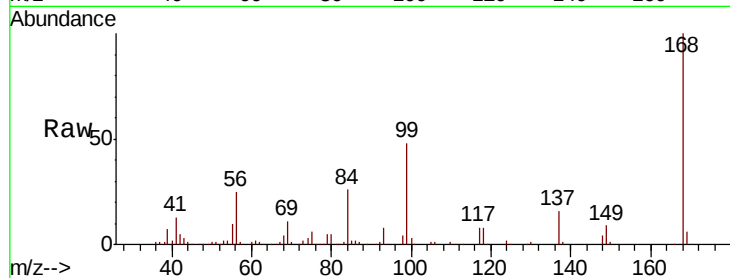
VW0424SBSD01

Tot Ion:168 Resp: 202403

Ion Ratio Lower Upper

168 100

99 48.2 48.5 72.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

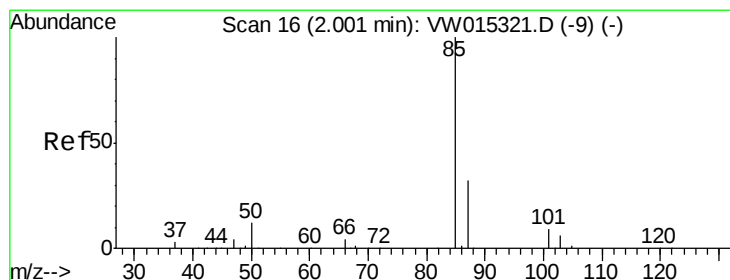
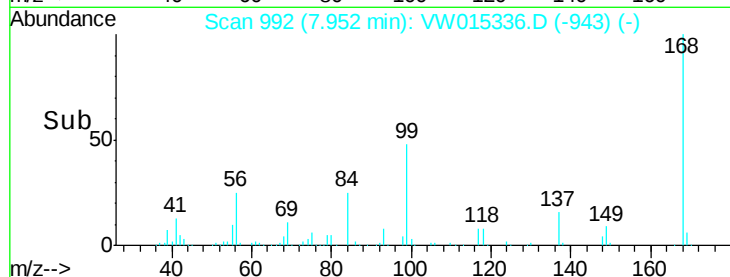
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 19.073 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015336.D

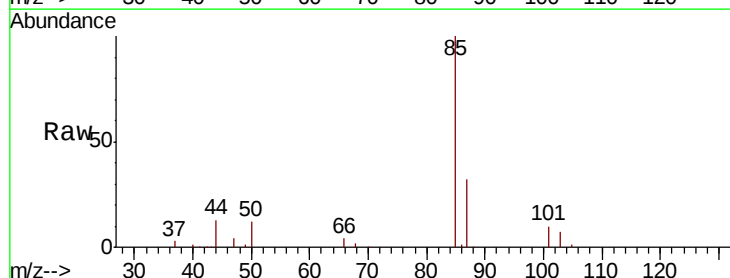
Acq: 24 Apr 2020 12:14

Tgt Ion: 85 Resp: 30486

Ion Ratio Lower Upper

85 100

87 31.7 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

25000

20000

15000

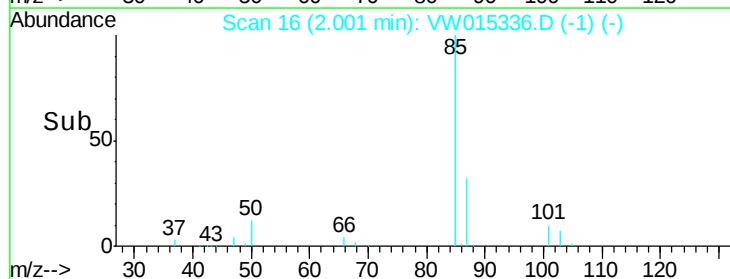
10000

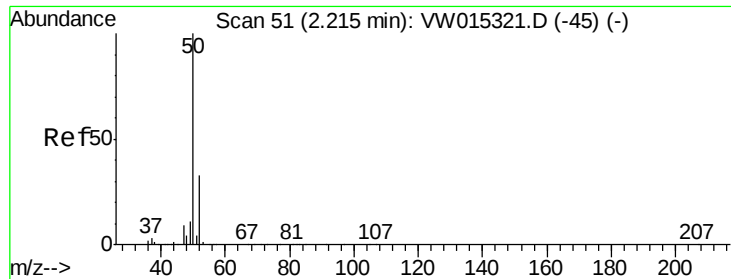
5000

0

1.95 2.00 2.05

Time-->

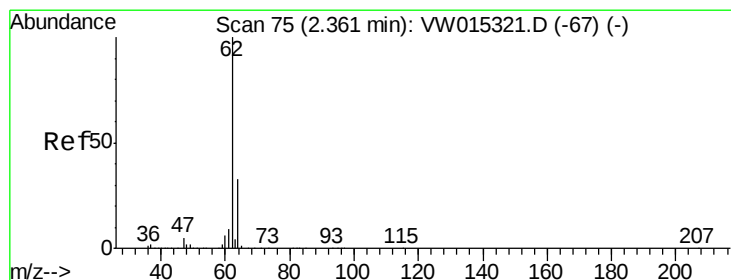
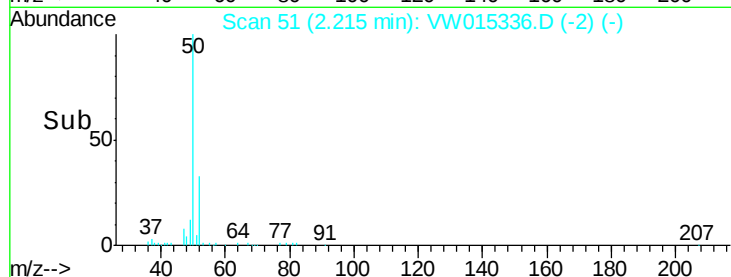
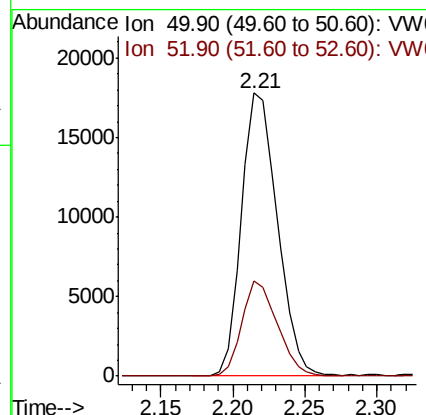
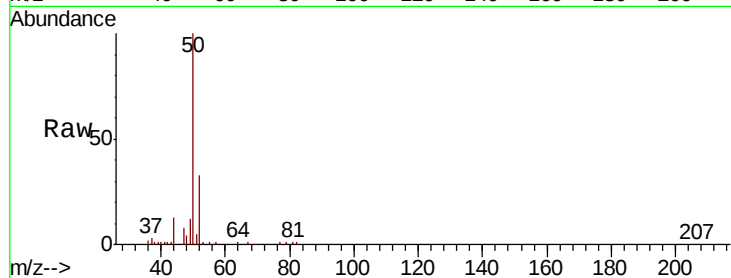




#3
Chloromethane
Concen: 17.754 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

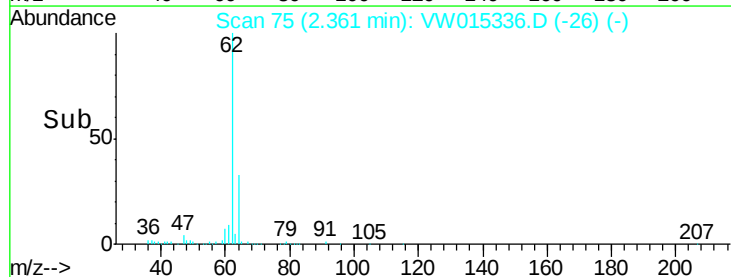
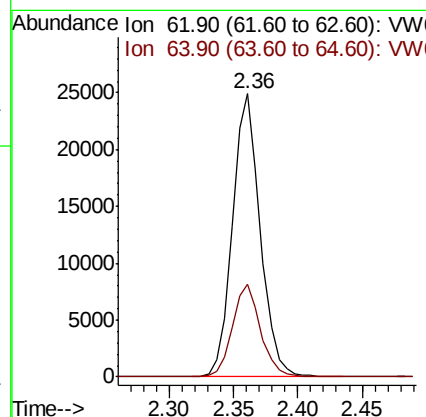
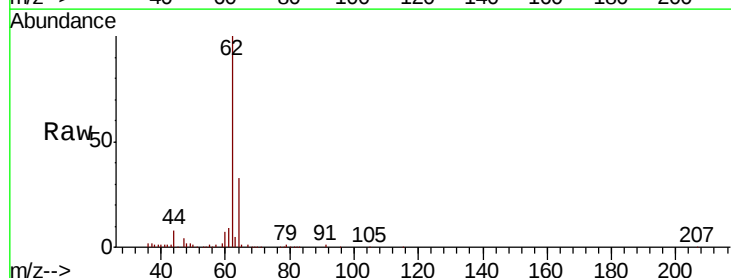
Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

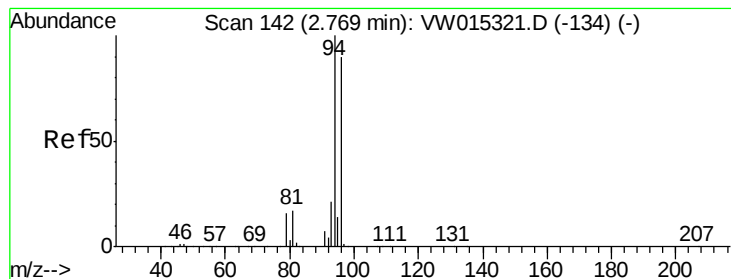
Tot Ion: 50 Resp: 30902
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7



#4
Vinyl Chloride
Concen: 18.205 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion: 62 Resp: 37418
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.2





#5

Bromomethane

Concen: 21.992 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

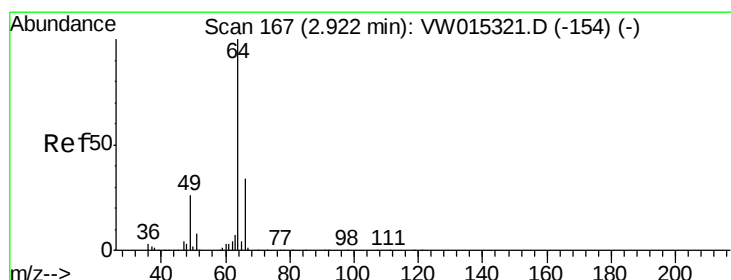
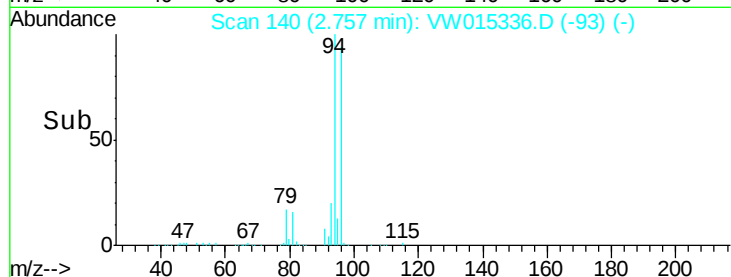
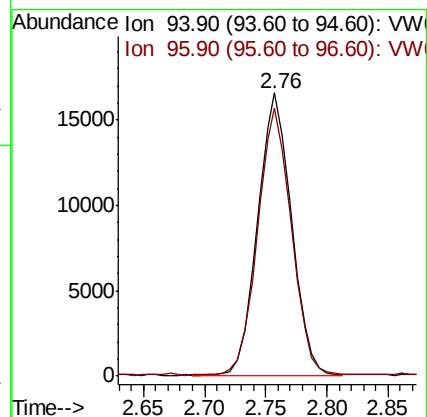
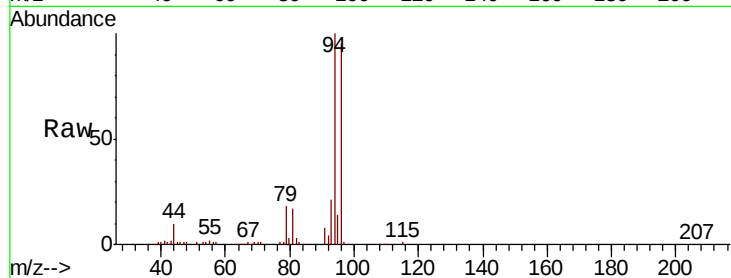
VW0424SBSD01

Tot Ion: 94 Resp: 32139

Ion Ratio Lower Upper

94 100

96 94.3 70.4 105.6



#6

Chloroethane

Concen: 18.032 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015336.D

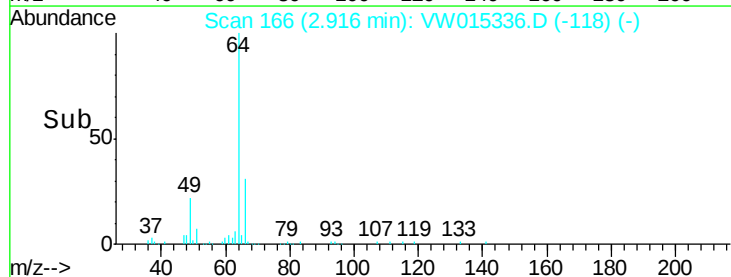
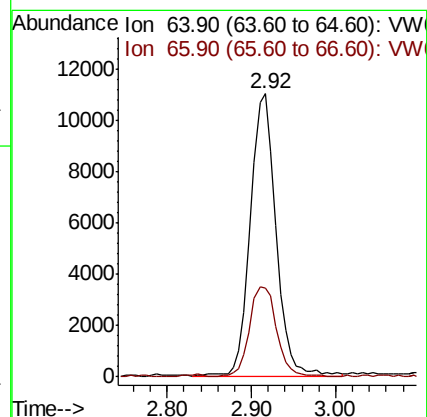
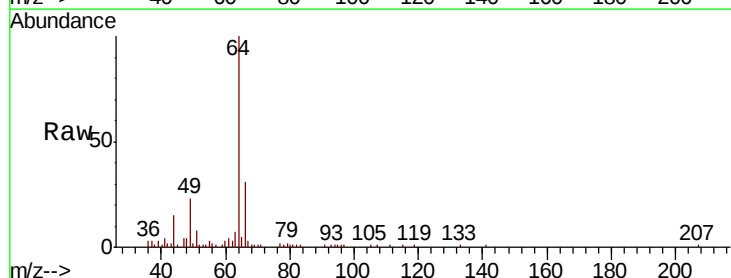
Acq: 24 Apr 2020 12:14

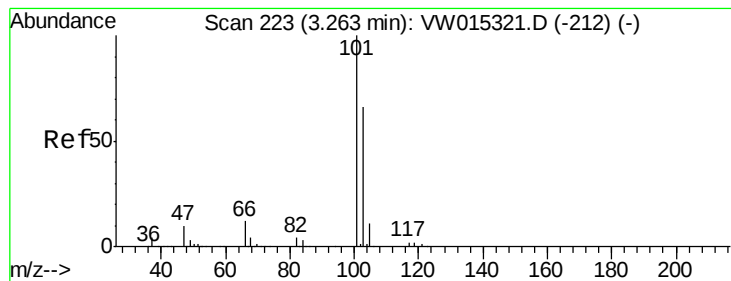
Tgt Ion: 64 Resp: 22990

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.6



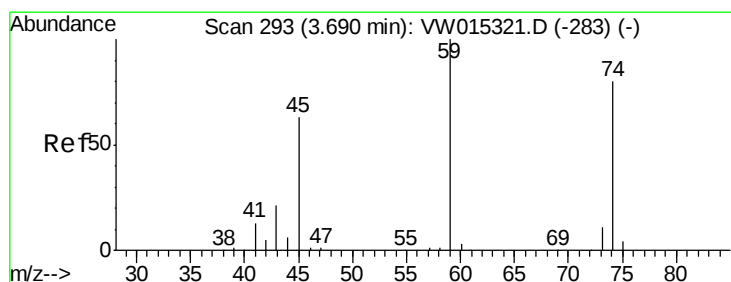
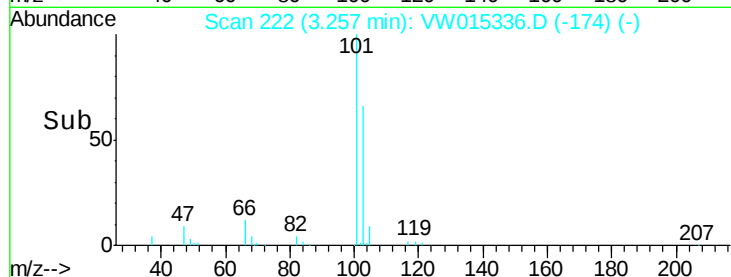
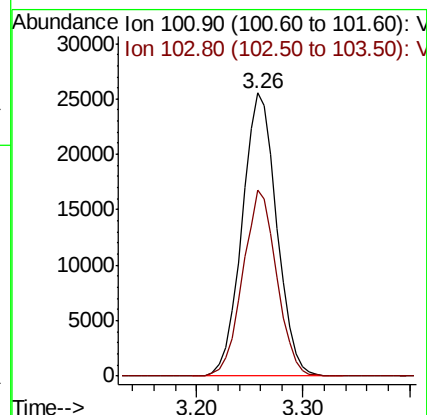
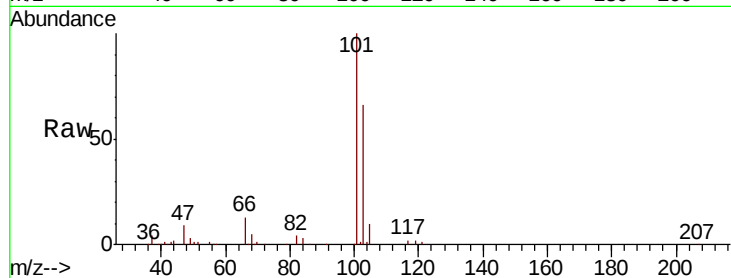


#7

Trichlorofluoromethane
 Concen: 20.044 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBSD01

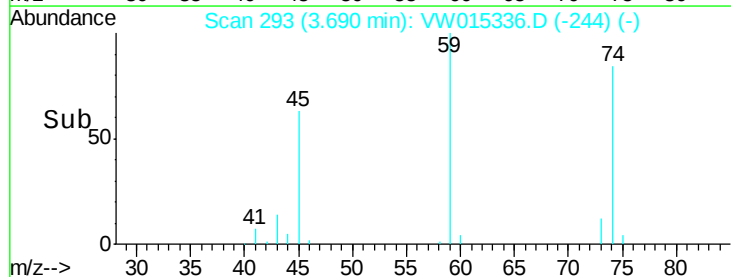
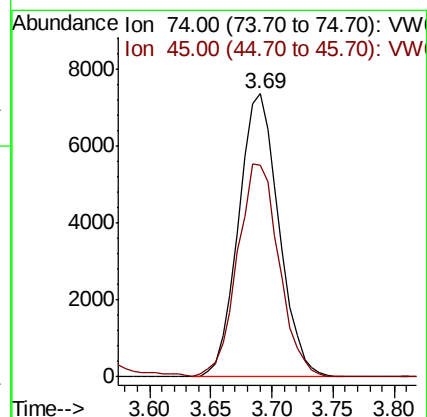
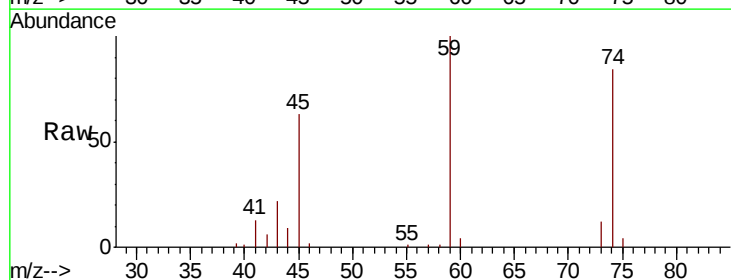
Tot Ion:101 Resp: 58297
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.3 76.9

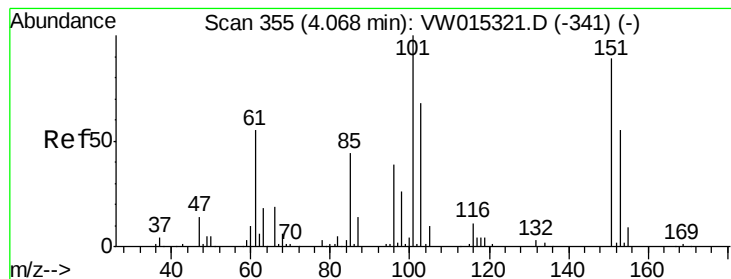


#8

Diethyl Ether
 Concen: 20.601 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion: 74 Resp: 16818
 Ion Ratio Lower Upper
 74 100
 45 77.7 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.915 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

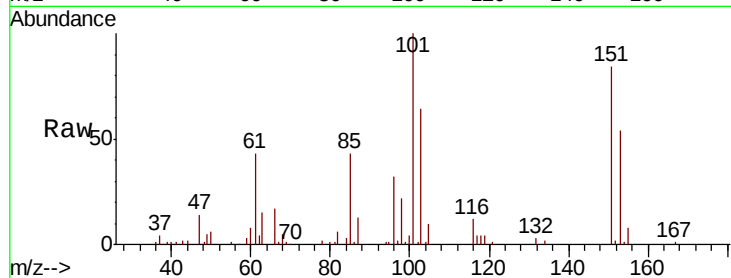
Tot Ion:101 Resp: 35719

Ion Ratio Lower Upper

101 100

85 43.7 35.3 52.9

151 85.6 59.3 88.9

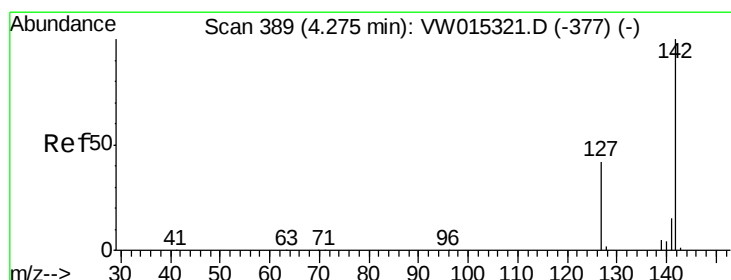
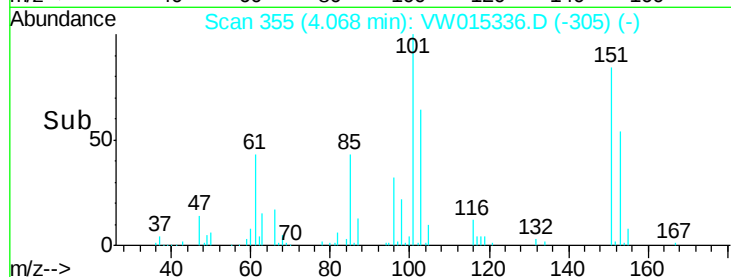
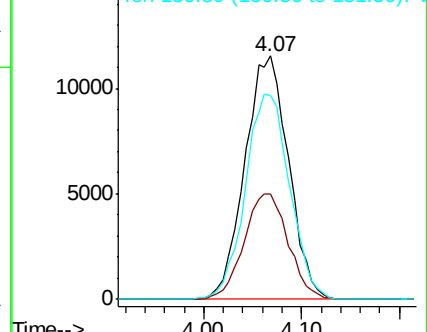


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.046 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

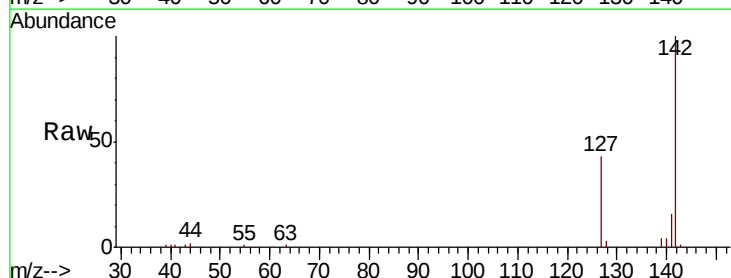
Tgt Ion:142 Resp: 30228

Ion Ratio Lower Upper

142 100

127 41.9 33.9 50.9

141 14.0 11.4 17.2

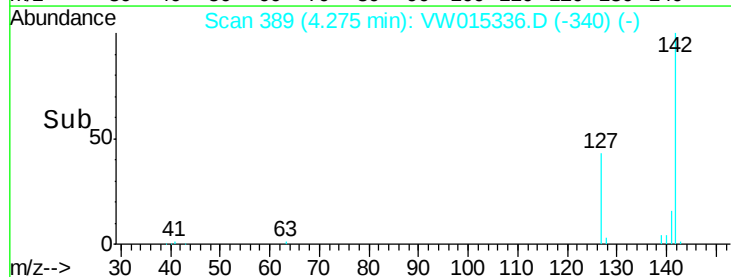
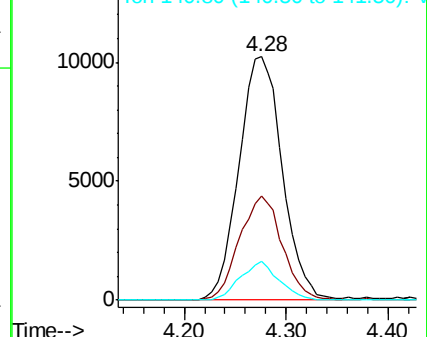


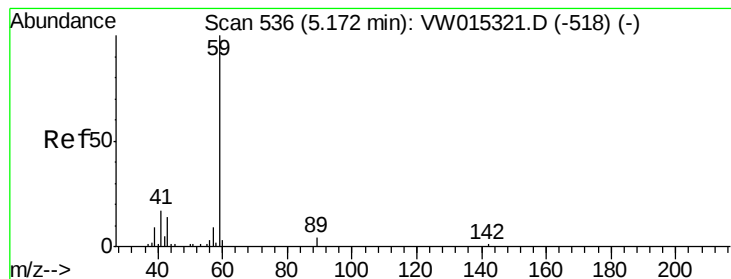
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



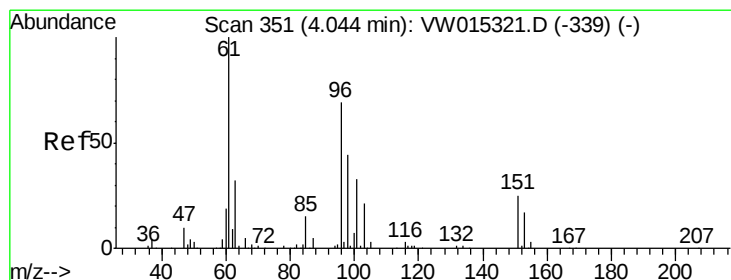
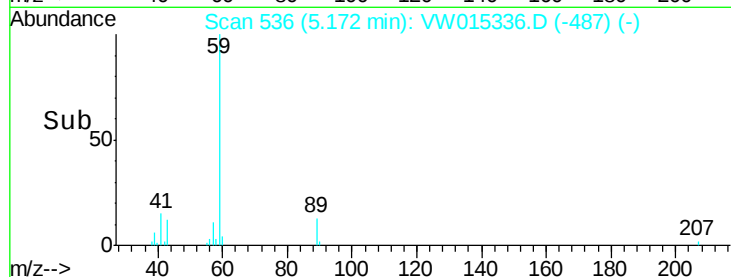
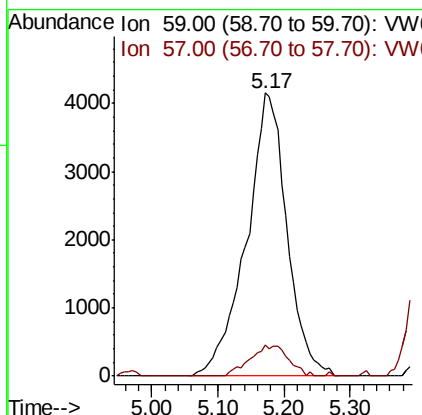
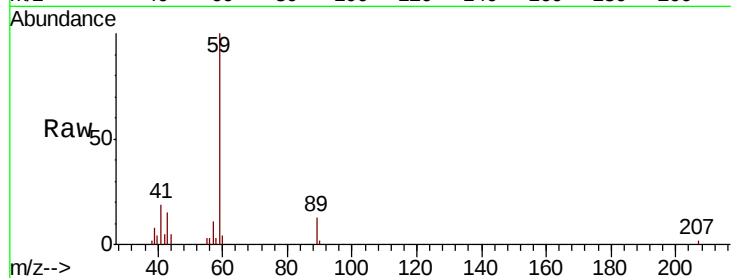


#11

Tert butyl alcohol
 Concen: 130.721 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

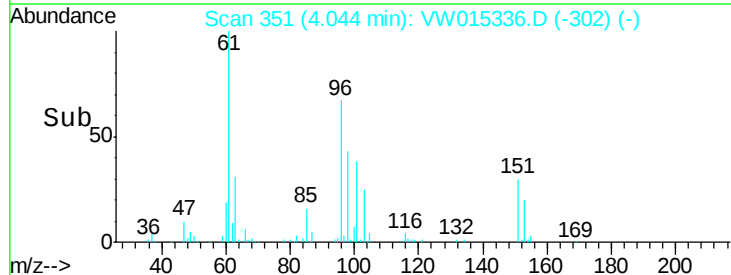
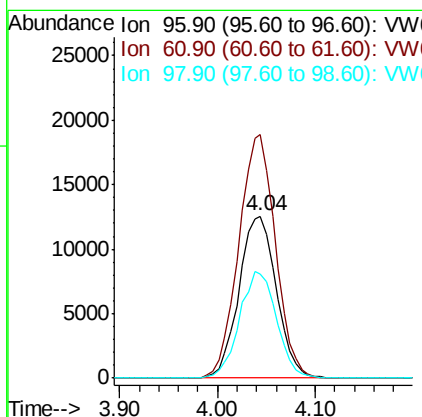
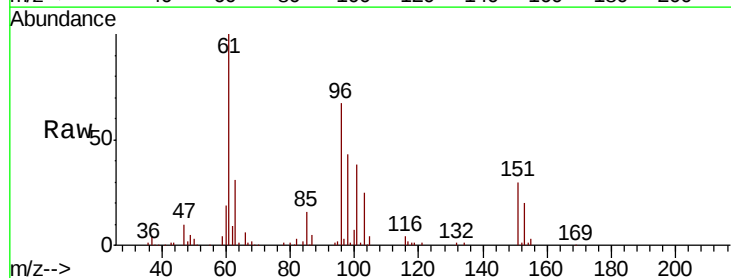
Tot Ion: 59 Resp: 17637
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.4 12.6

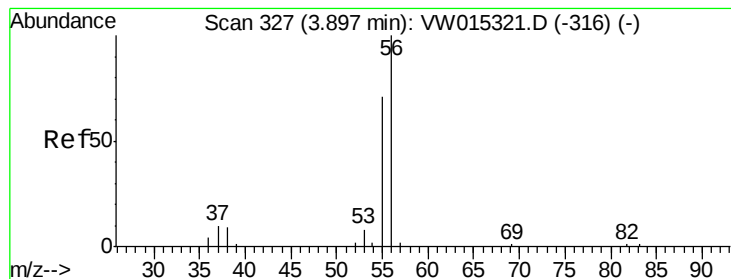


#12

1,1-Dichloroethene
 Concen: 19.345 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion: 96 Resp: 33397
 Ion Ratio Lower Upper
 96 100
 61 150.1 127.0 190.4
 98 64.5 51.0 76.4





#13

Acrolein

Concen: 147.768 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

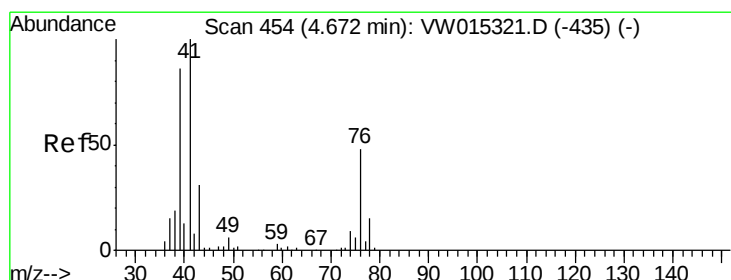
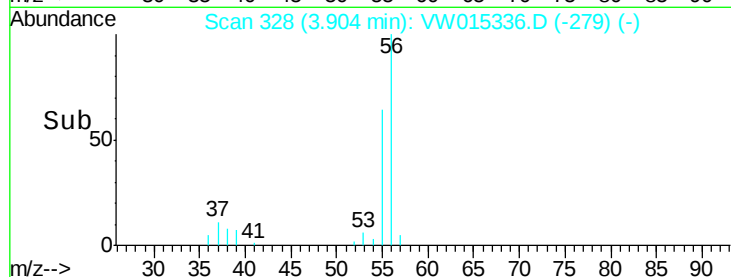
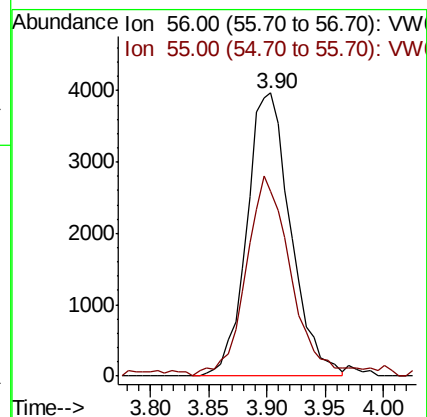
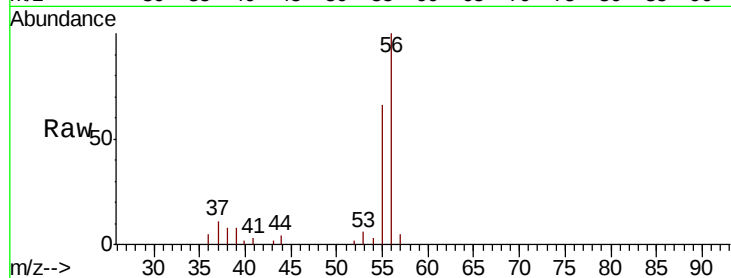
VW0424SBSD01

Tot Ion: 56 Resp: 10435

Ion Ratio Lower Upper

56 100

55 72.7 56.2 84.2



#14

Allyl chloride

Concen: 18.573 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

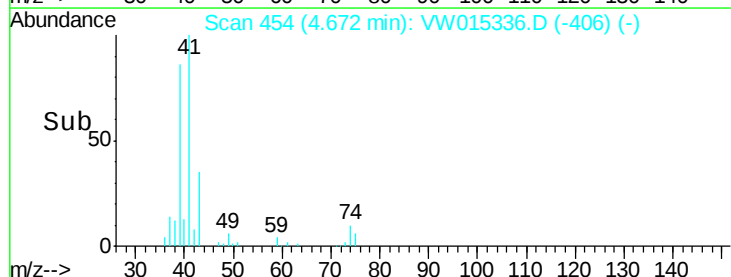
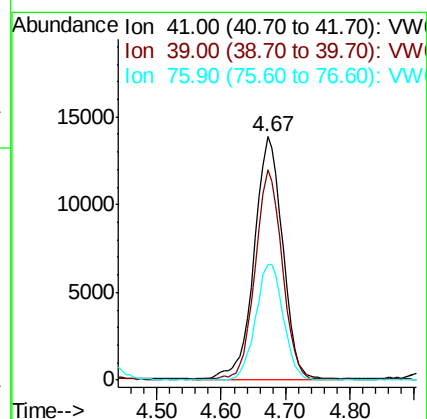
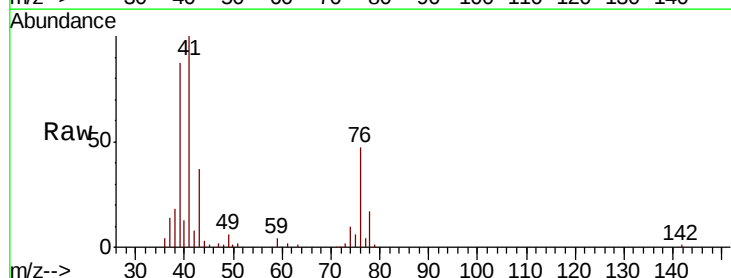
Tgt Ion: 41 Resp: 42537

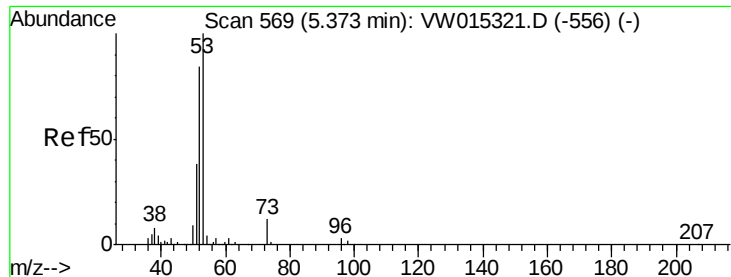
Ion Ratio Lower Upper

41 100

39 81.5 54.0 81.0#

76 45.3 31.8 47.6





#15

Acrylonitrile

Concen: 111.572 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

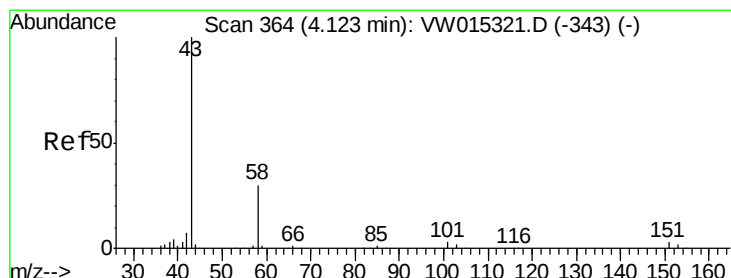
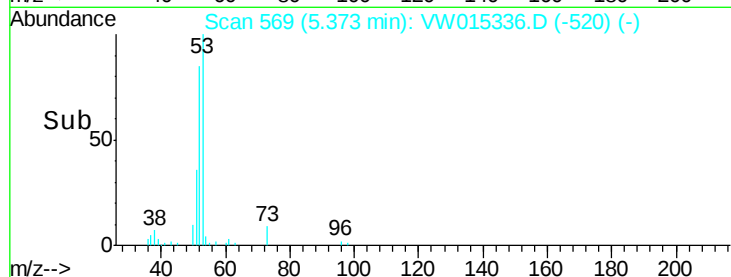
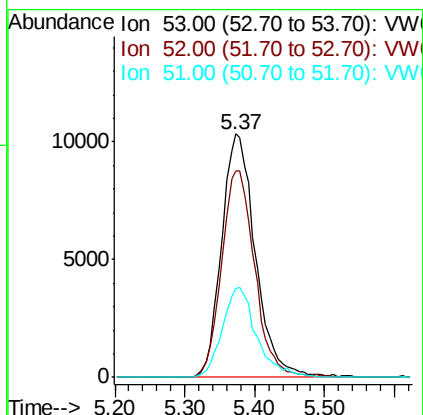
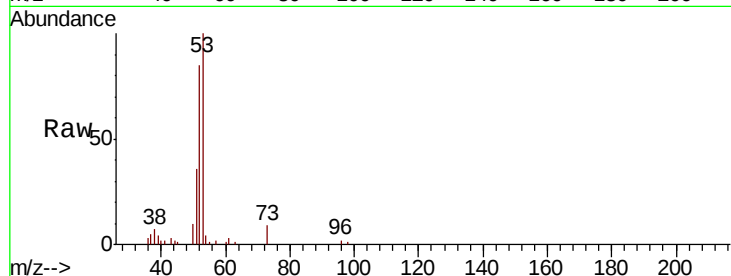
Tot Ion: 53 Resp: 34663

Ion Ratio Lower Upper

53 100

52 82.9 65.2 97.8

51 37.4 28.2 42.4



#16

Acetone

Concen: 115.320 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015336.D

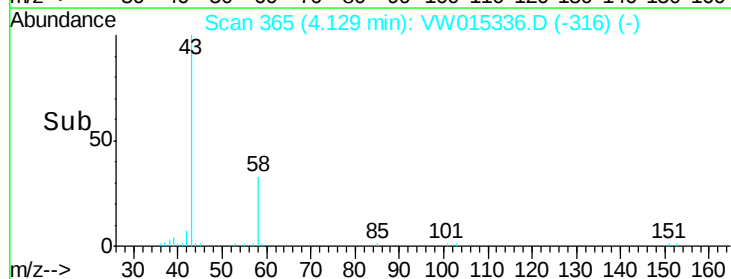
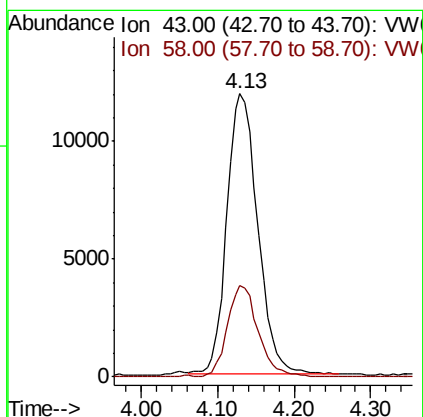
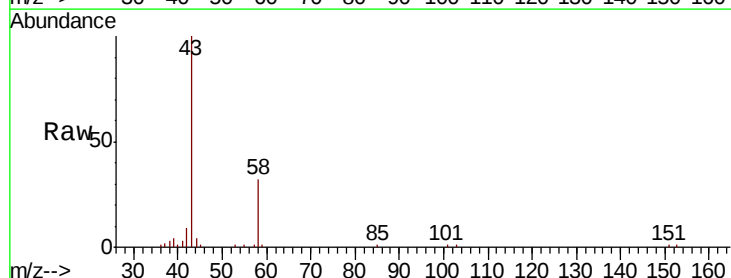
Acq: 24 Apr 2020 12:14

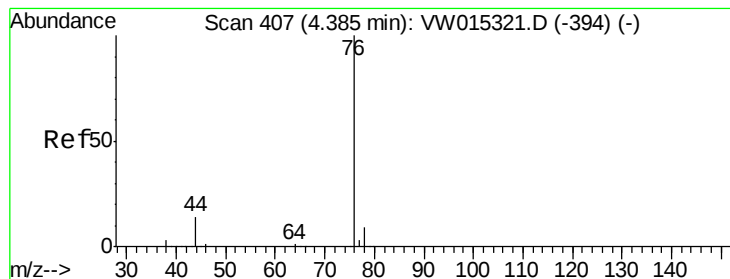
Tgt Ion: 43 Resp: 33338

Ion Ratio Lower Upper

43 100

58 32.4 27.0 40.4





#17

Carbon Disulfide

Concen: 18.350 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

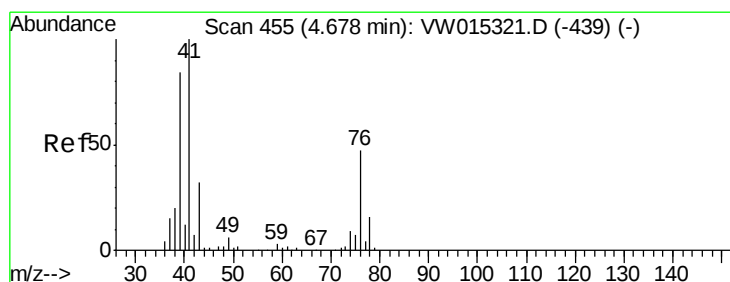
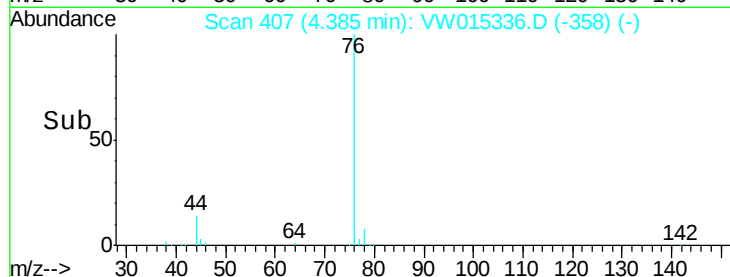
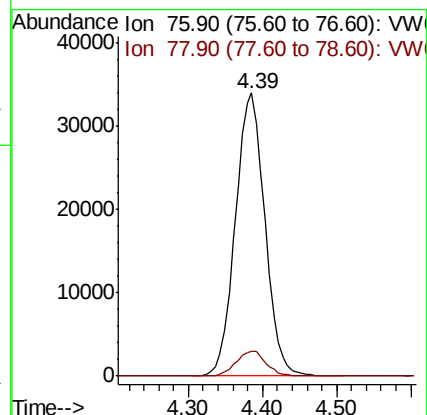
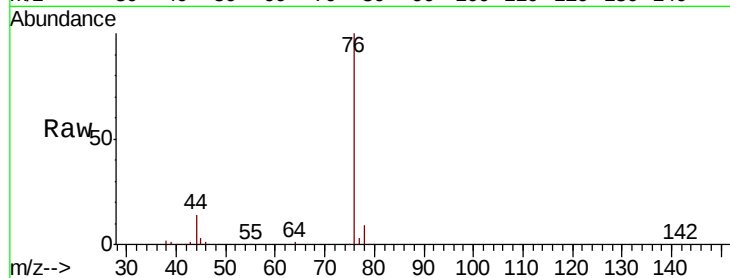
VW0424SBSD01

Tot Ion: 76 Resp: 94142

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 21.598 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW015336.D

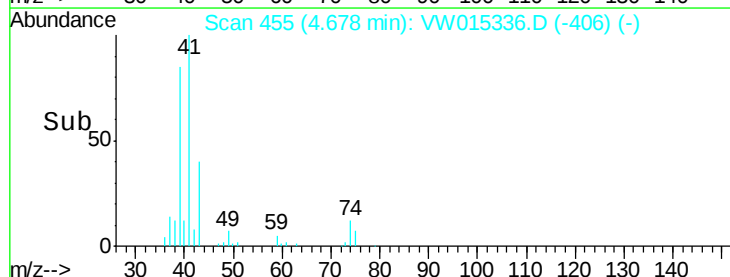
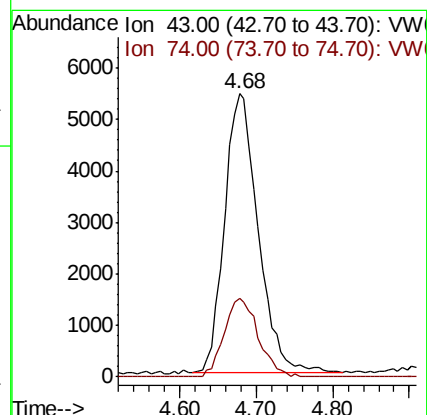
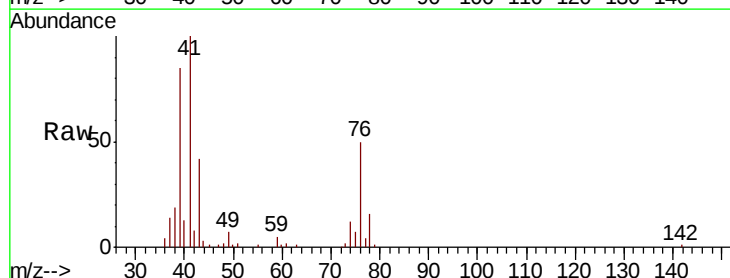
Acq: 24 Apr 2020 12:14

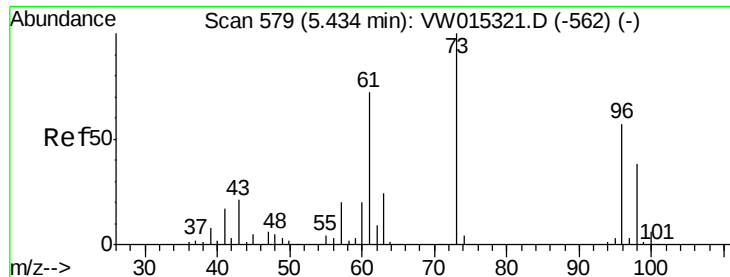
Tgt Ion: 43 Resp: 16527

Ion Ratio Lower Upper

43 100

74 28.4 20.6 31.0

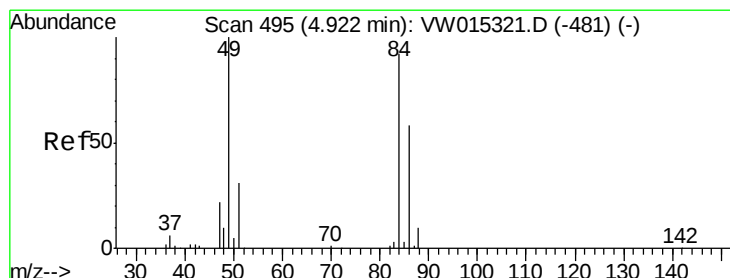
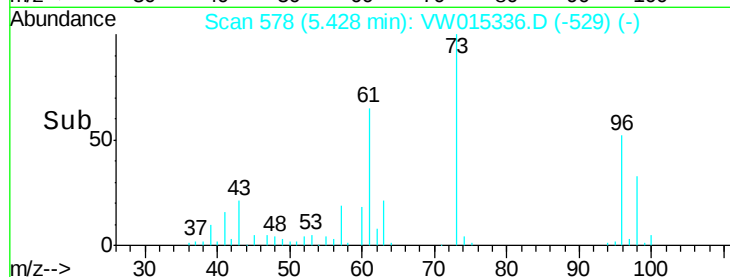
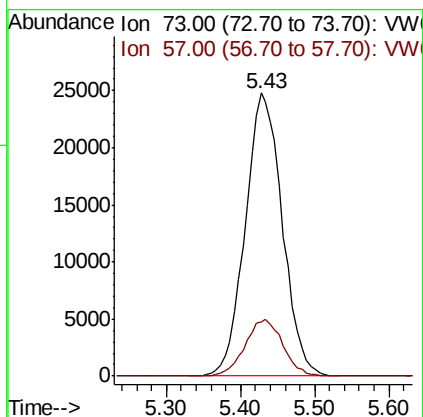
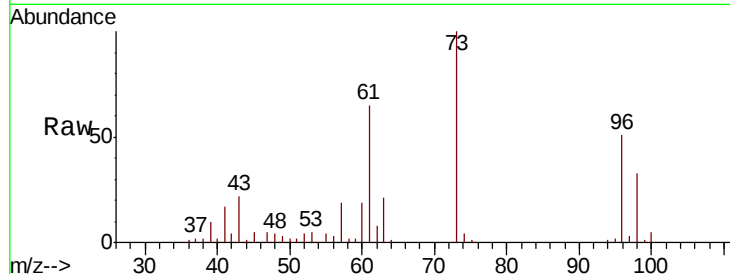




#19
Methvl tert-butvl Ether
Concen: 21.764 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

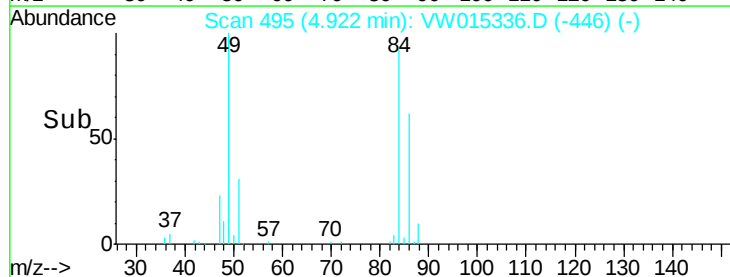
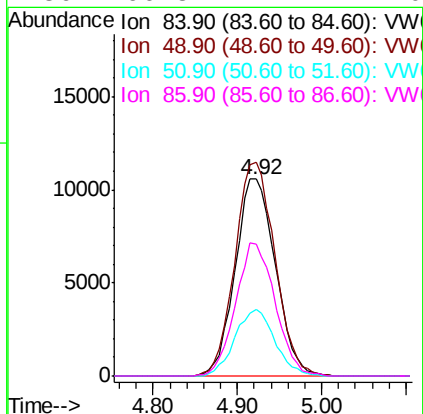
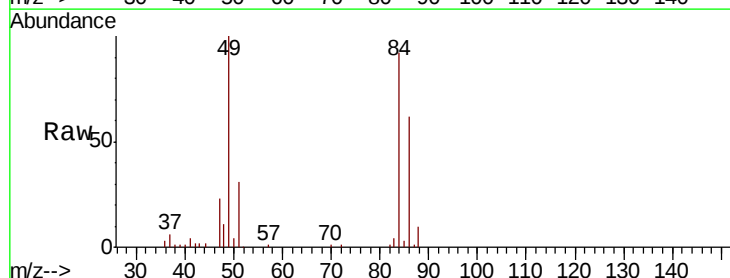
Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

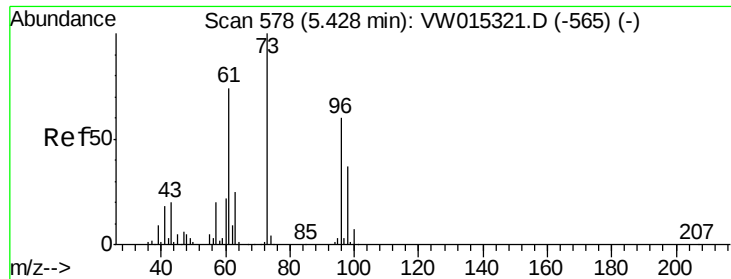
Tot Ion: 73 Resp: 86254
Ion Ratio Lower Upper
73 100
57 19.4 17.8 26.6



#20
Methylene Chloride
Concen: 18.110 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion: 84 Resp: 34313
Ion Ratio Lower Upper
84 100
49 108.4 95.4 143.0
51 34.0 29.8 44.8
86 66.8 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 19.724 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

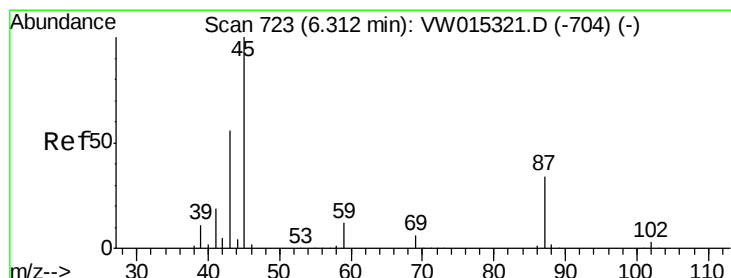
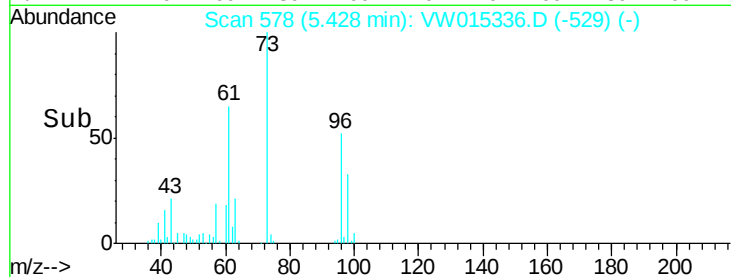
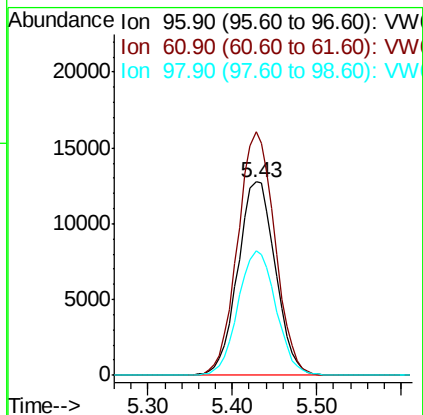
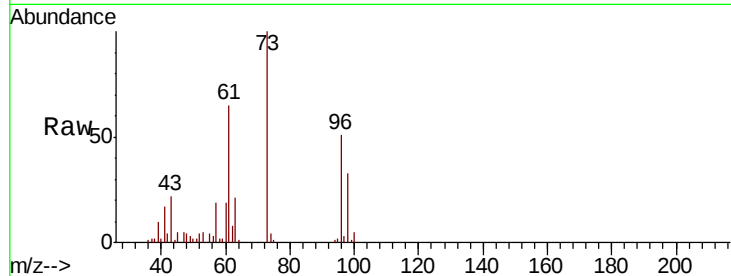
Tot Ion: 96 Resp: 38618

Ion Ratio Lower Upper

96 100

61 125.9 107.8 161.6

98 64.1 50.2 75.2



#22

Diisopropyl ether

Concen: 19.565 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion: 45 Resp: 85961

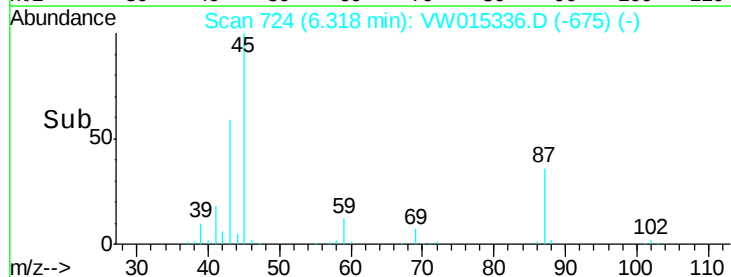
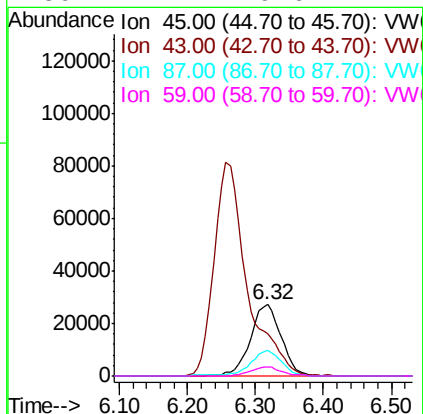
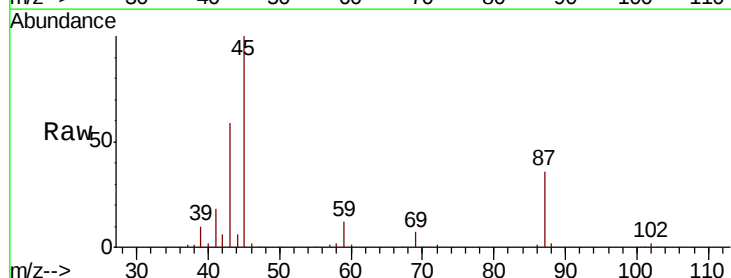
Ion Ratio Lower Upper

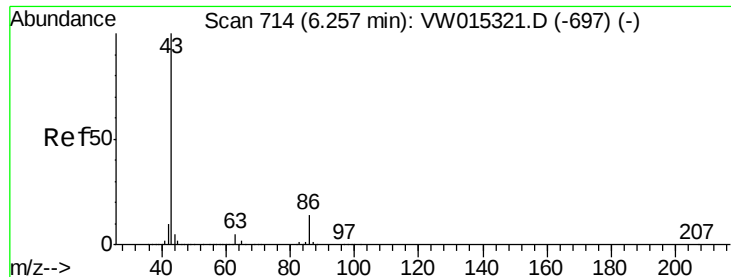
45 100

43 58.3 41.8 62.6

87 36.0 23.2 34.8#

59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 106.350 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

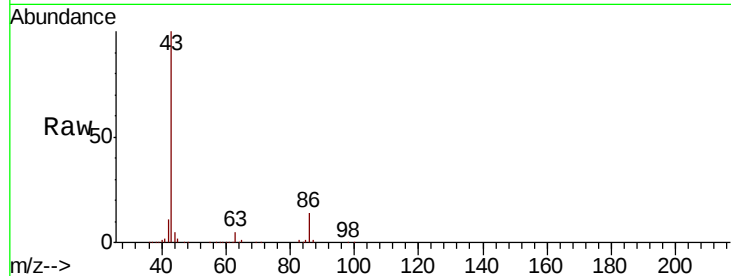
VW0424SBSD01

Tot Ion: 43 Resp: 274200

Ion Ratio Lower Upper

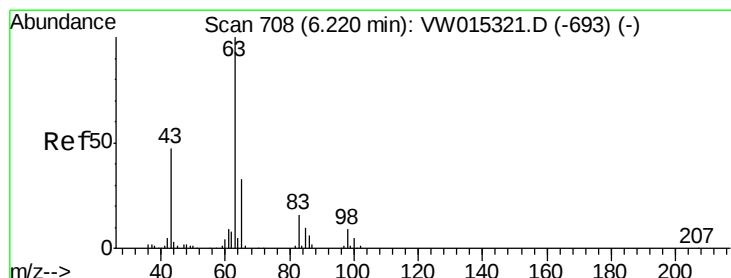
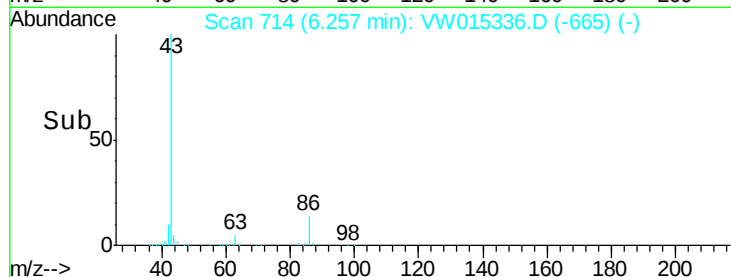
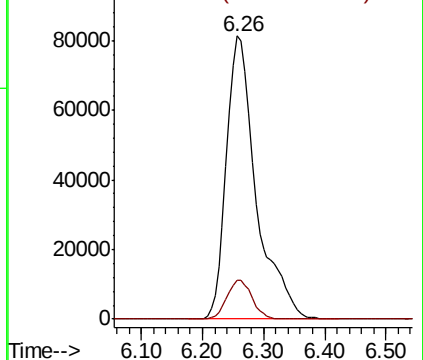
43 100

86 13.8 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 19.248 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

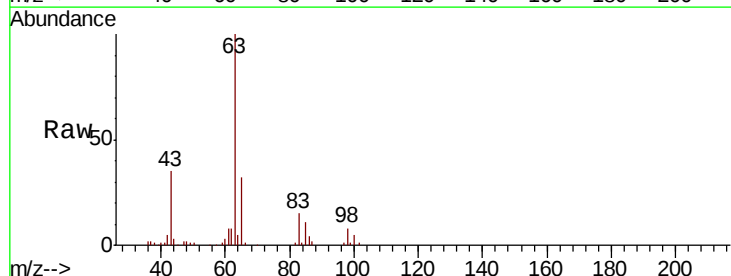
Tgt Ion: 63 Resp: 58611

Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.9

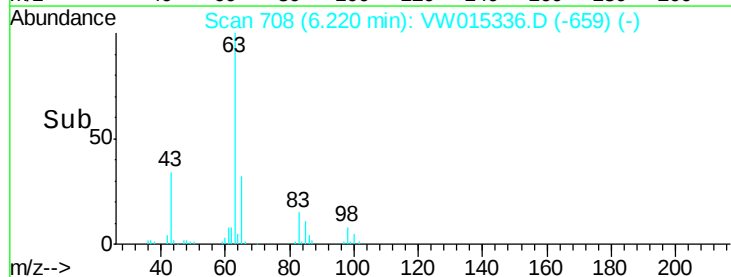
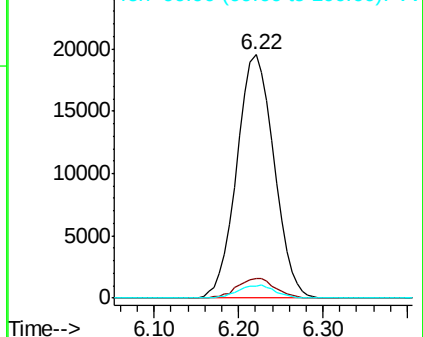
100 5.1 2.4 7.2

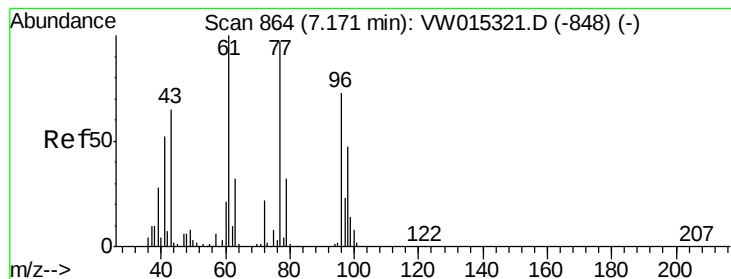


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 116.197 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

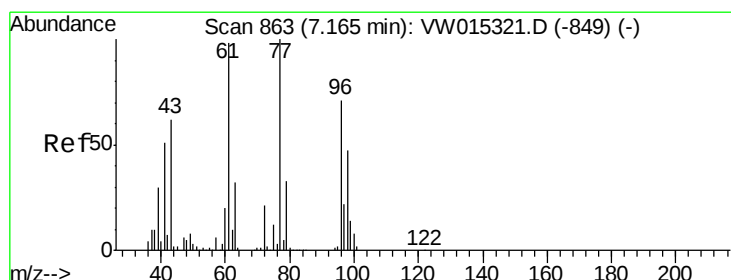
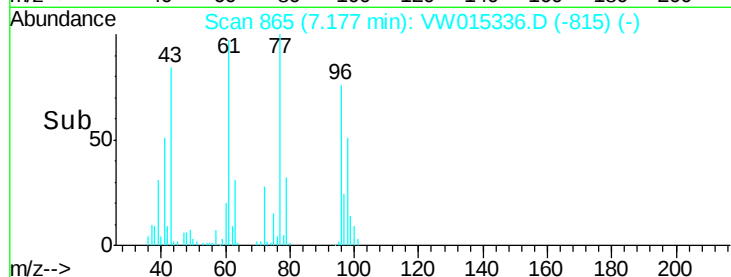
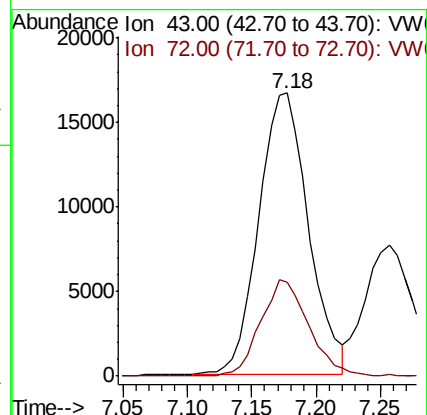
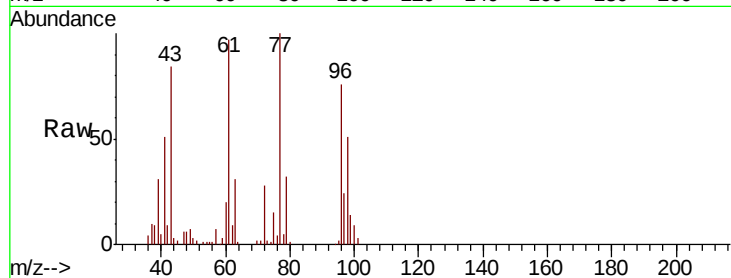
VW0424SBSD01

Tot Ion: 43 Resp: 44567

Ion Ratio Lower Upper

43 100

72 33.3 21.6 32.4#



#26

2,2-Dichloropropane

Concen: 19.738 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015336.D

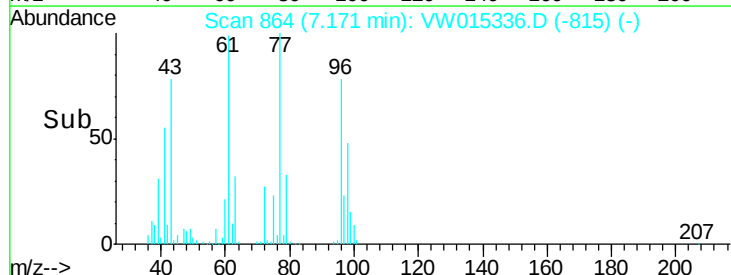
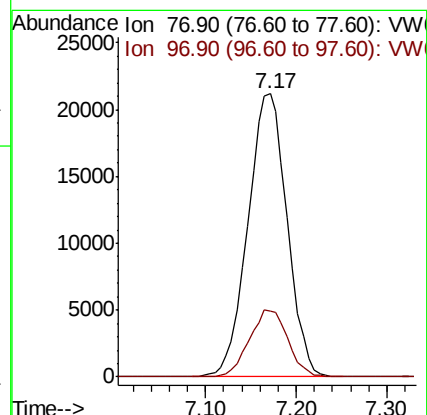
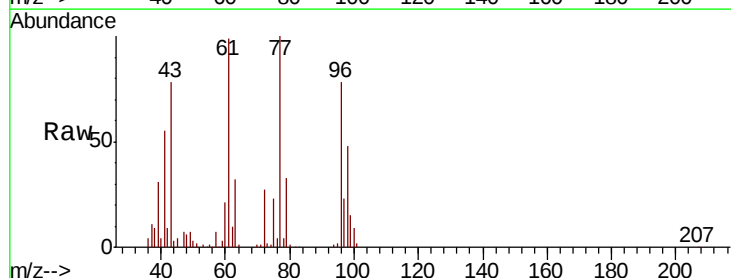
Acq: 24 Apr 2020 12:14

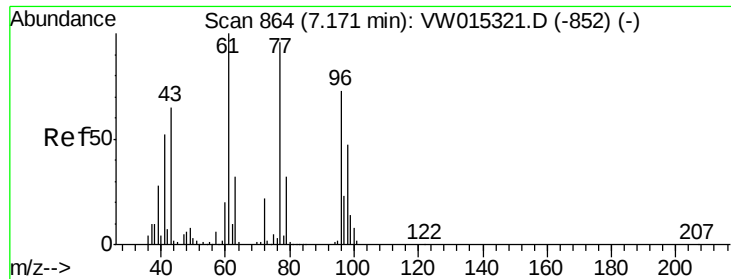
Tgt Ion: 77 Resp: 63229

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5



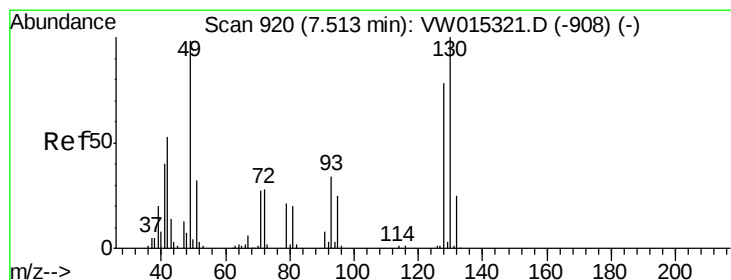
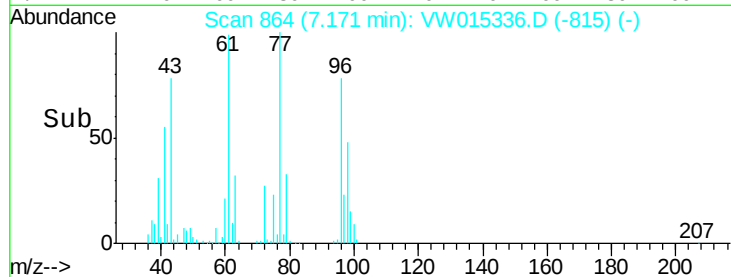
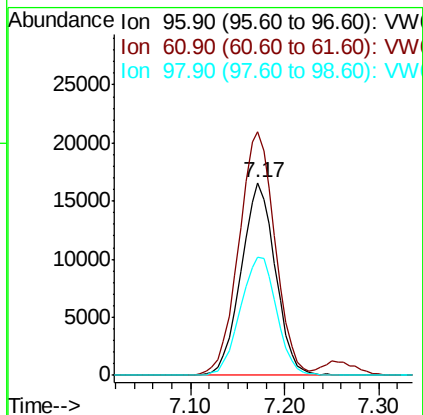
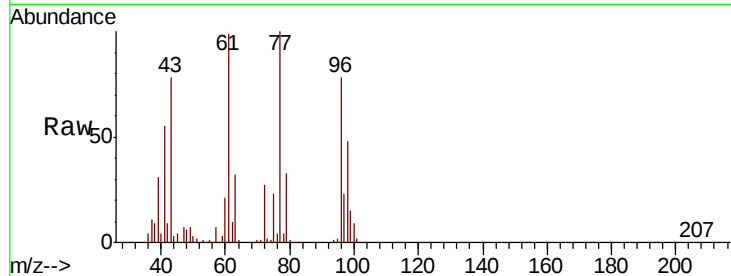


#27

cis-1,2-Dichloroethene
Concen: 19.945 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

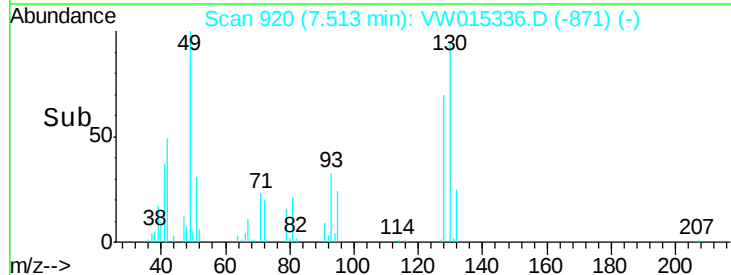
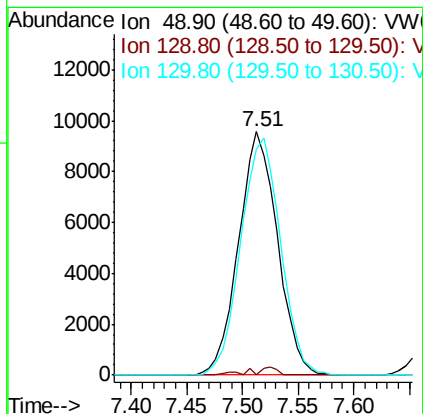
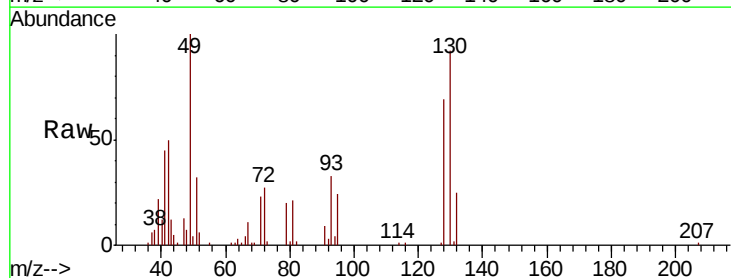
Tot Ion: 96 Resp: 42160
Ion Ratio Lower Upper
96 100
61 133.6 0.0 275.0
98 64.6 0.0 130.8

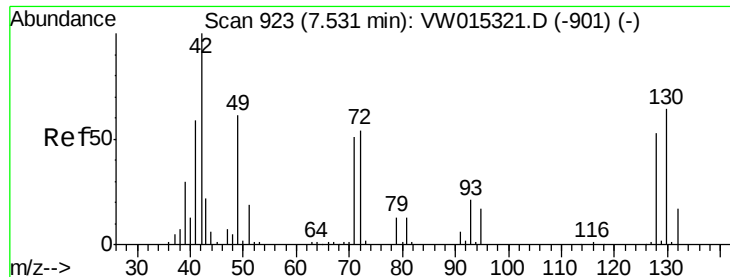


#28

Bromochloromethane
Concen: 20.992 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion: 49 Resp: 23240
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.6
130 100.0 60.9 91.3#

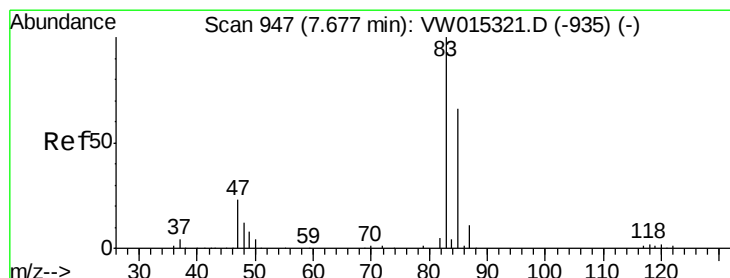
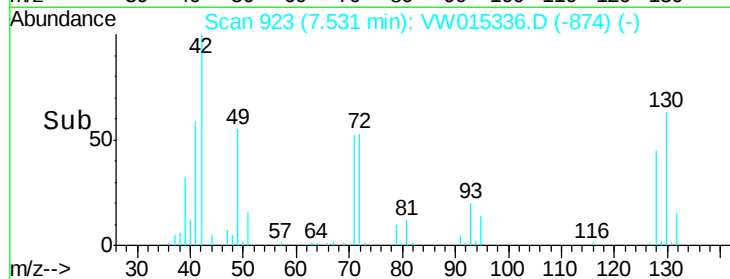
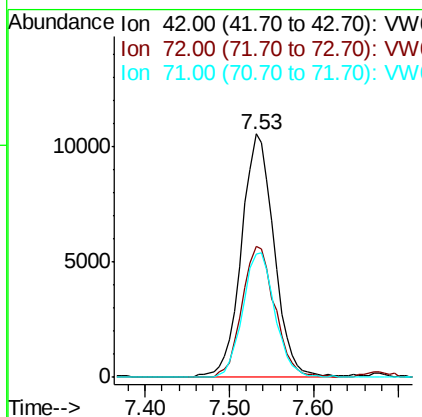
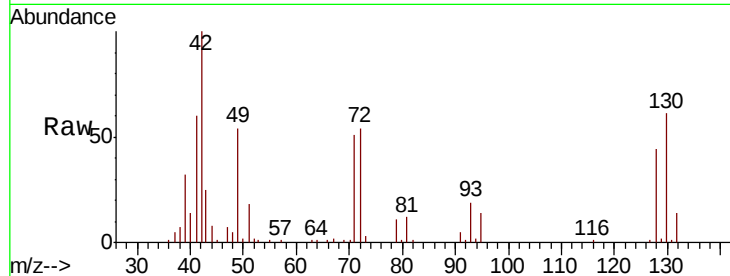




#29
Tetrahydrofuran
Concen: 116.314 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

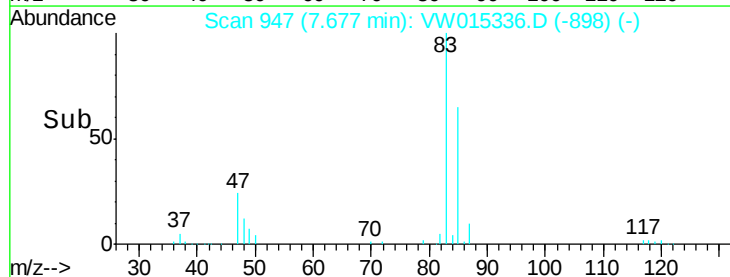
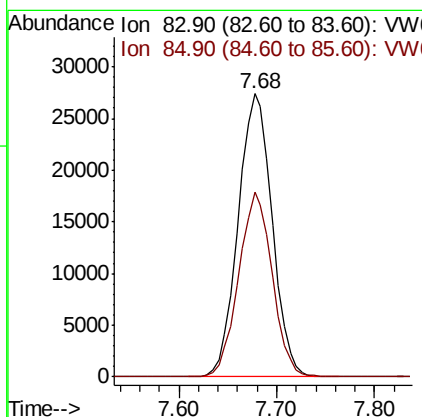
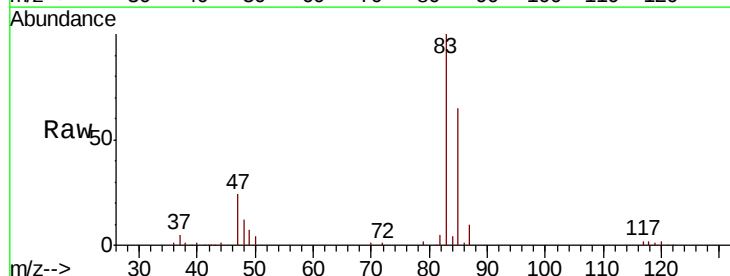
Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

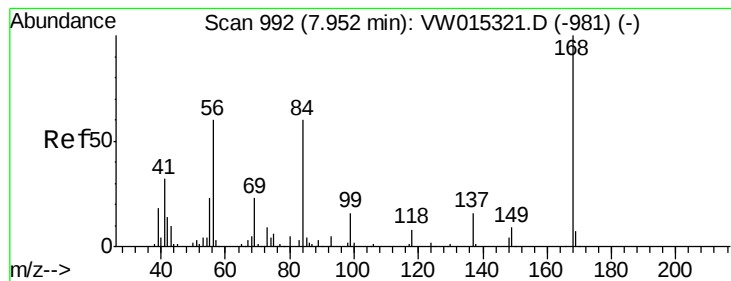
Tot Ion: 42 Resp: 27794
Ion Ratio Lower Upper
42 100
72 53.7 36.2 54.2
71 50.3 34.2 51.4



#30
Chloroform
Concen: 20.060 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion: 83 Resp: 65924
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3





#31

Cyclohexane

Concen: 19.289 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

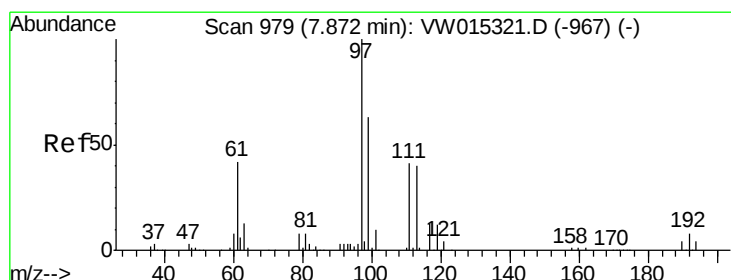
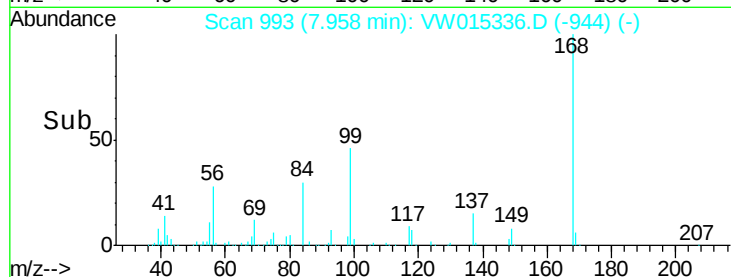
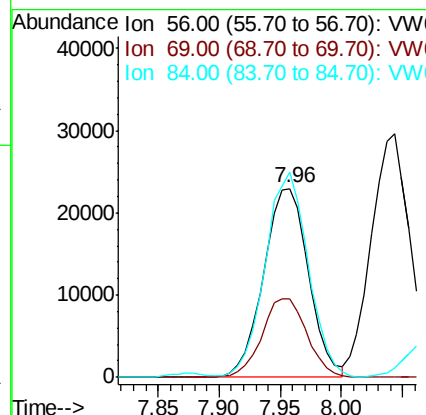
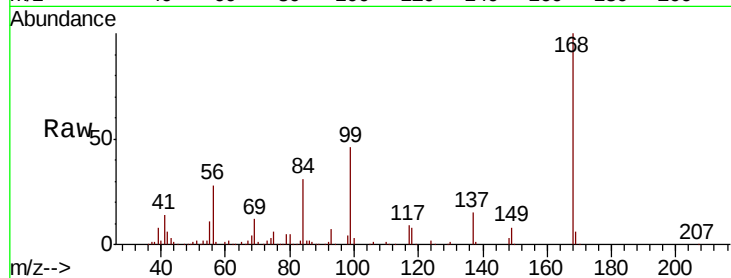
Tot Ion: 56 Resp: 59040

Ion Ratio Lower Upper

56 100

69 41.3 27.1 40.7#

84 106.9 71.9 107.9



#32

1,1,1-Trichloroethane

Concen: 20.321 ug/l

RT: 7.87 min Scan# 979

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

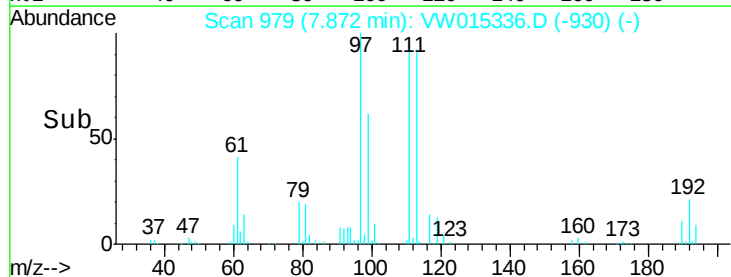
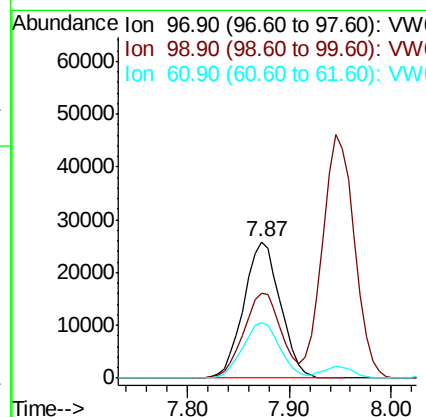
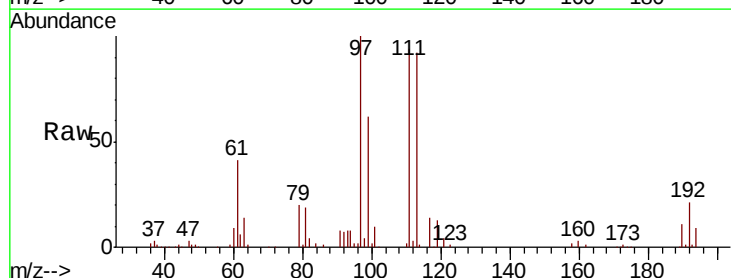
Tgt Ion: 97 Resp: 64454

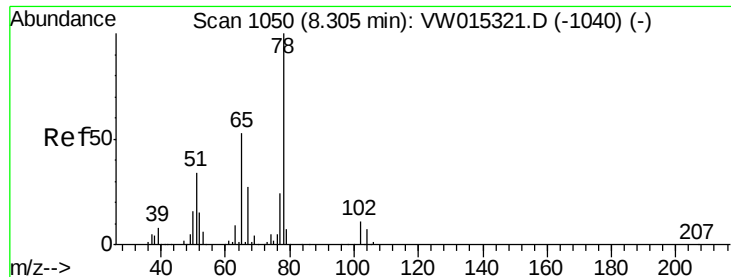
Ion Ratio Lower Upper

97 100

99 63.9 52.2 78.2

61 41.4 34.2 51.2

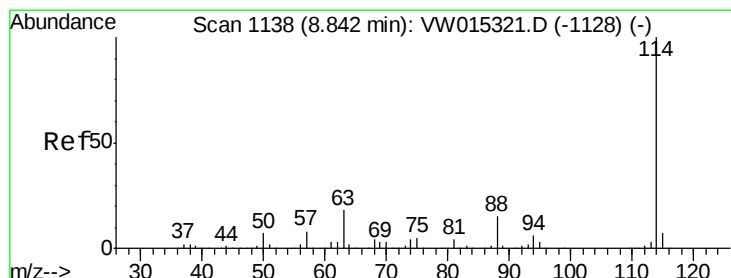
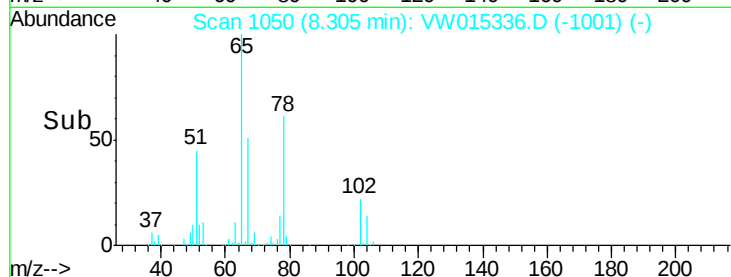
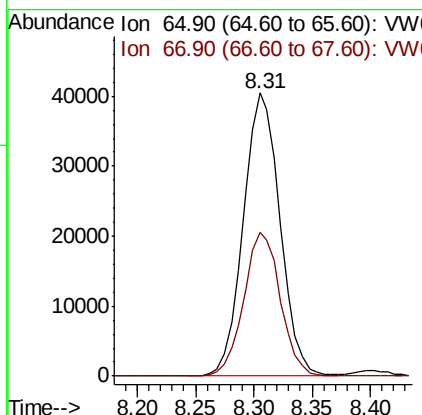
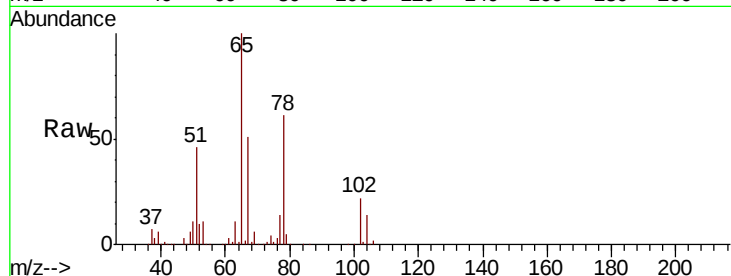




#33
 1,2-Dichloroethane-d4
 Concen: 53.717 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

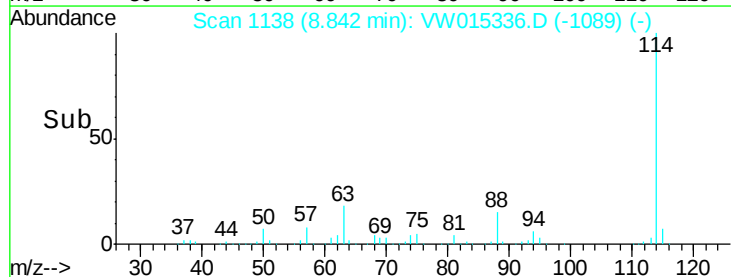
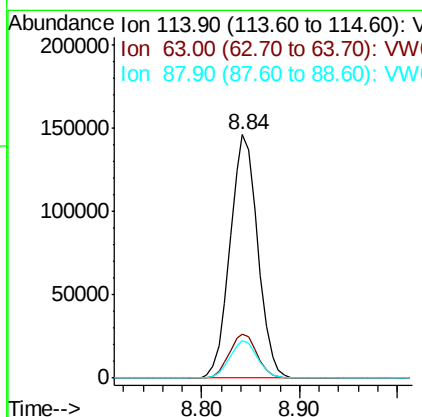
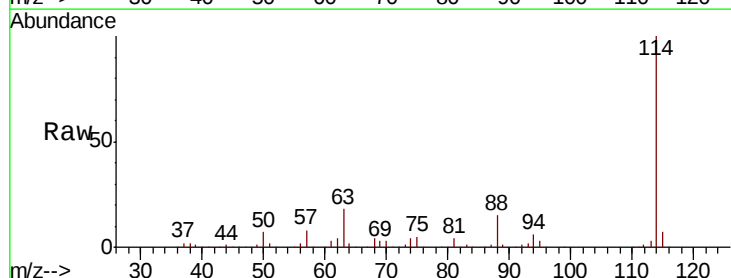
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBSD01

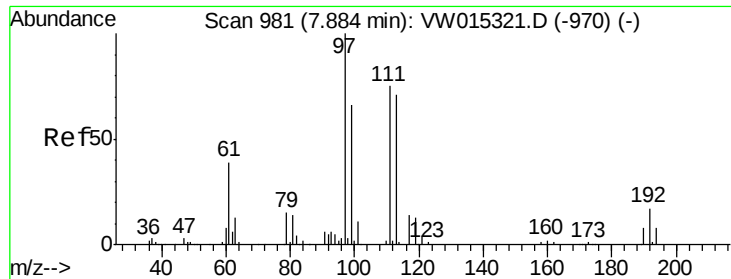
Tot Ion: 65 Resp: 88909
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion: 114 Resp: 285859
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.8
 88 15.2 0.0 30.2

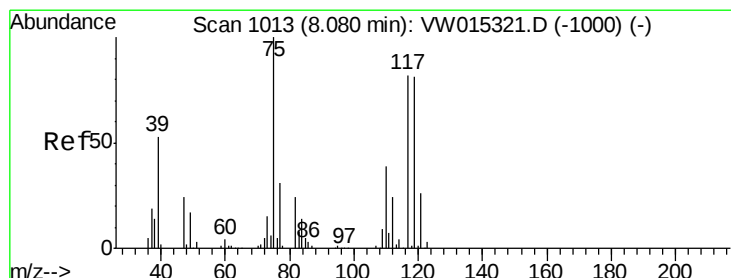
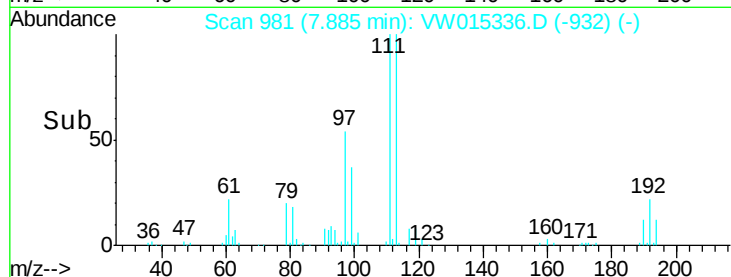
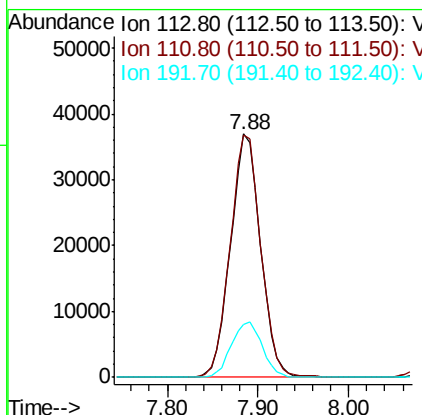
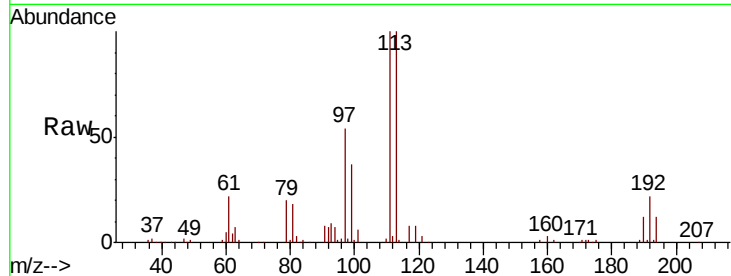




#35
 Dibromofluoromethane
 Concen: 53.643 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

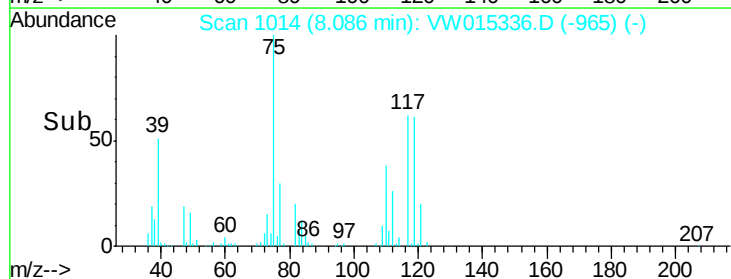
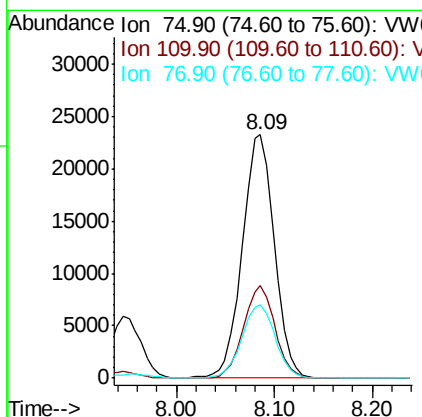
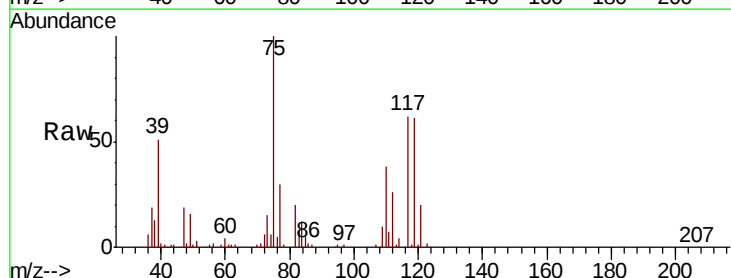
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBSD01

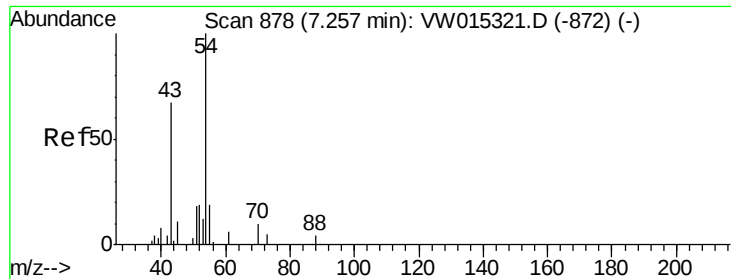
Tot Ion:113 Resp: 84940
 Ion Ratio Lower Upper
 113 100
 111 101.4 83.0 124.4
 192 23.4 15.1 22.7#



#36
 1,1-Dichloropropene
 Concen: 20.502 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion: 75 Resp: 52897
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.2 54.6
 77 31.2 24.5 36.7

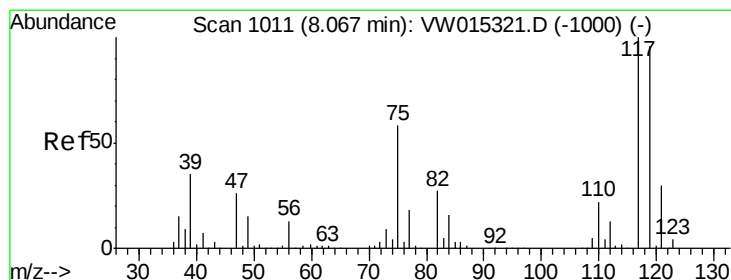
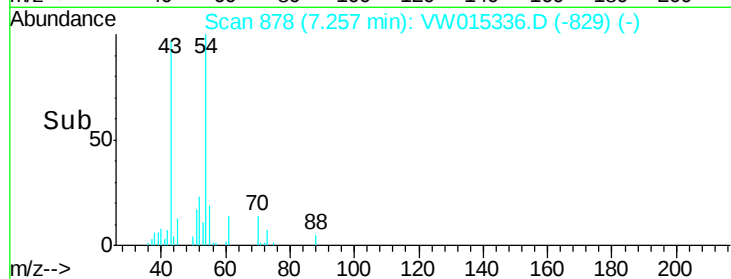
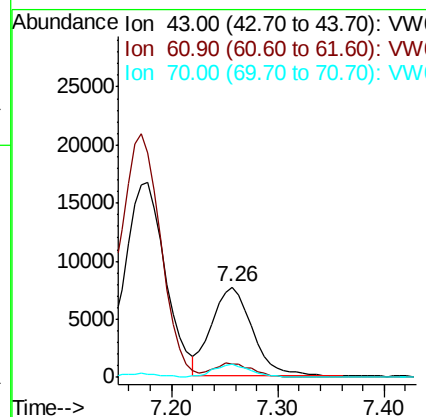
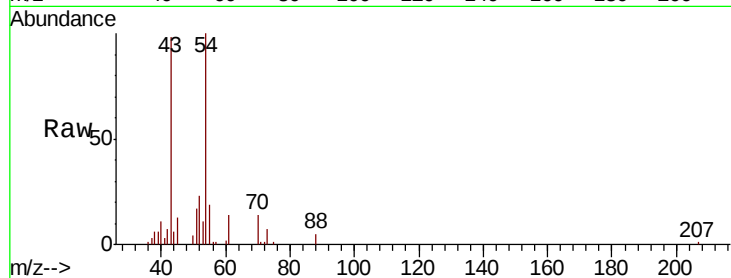




#37
Ethyl Acetate
Concen: 24.285 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

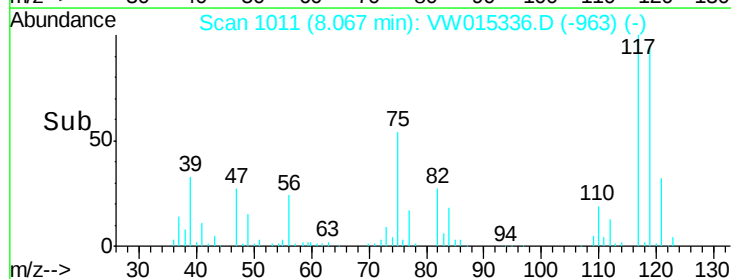
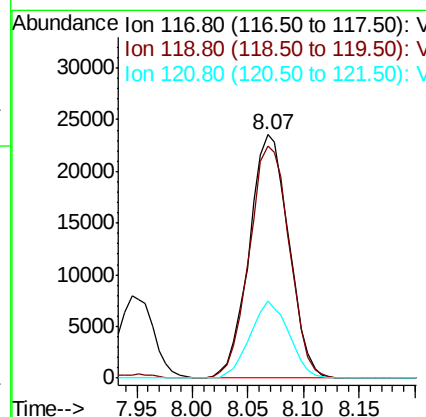
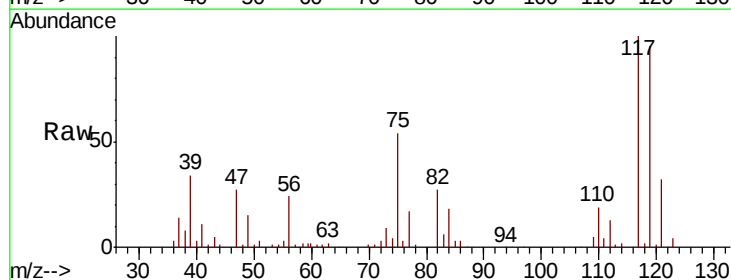
Instrument :
MSVOA_W
ClientSampled :
VW0424SBS01

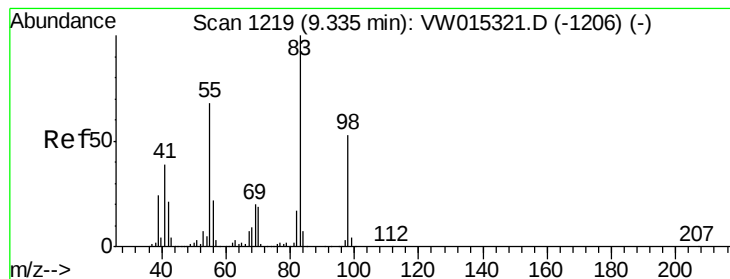
Tot Ion: 43 Resp: 20335
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 13.4 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 20.680 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion: 117 Resp: 58308
Ion Ratio Lower Upper
117 100
119 95.1 72.3 108.5
121 31.8 23.7 35.5





#39

Methvlcvclohexane

Concen: 19.590 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

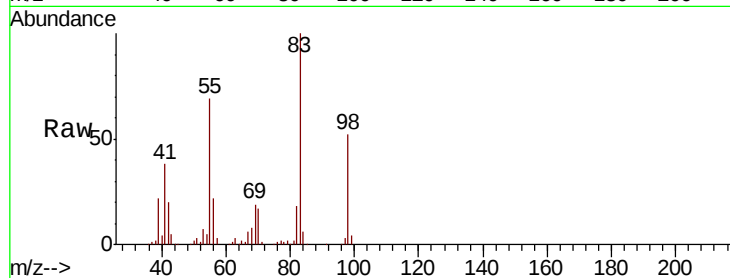
Tot Ion: 83 Resp: 67272

Ion Ratio Lower Upper

83 100

55 68.9 58.1 87.1

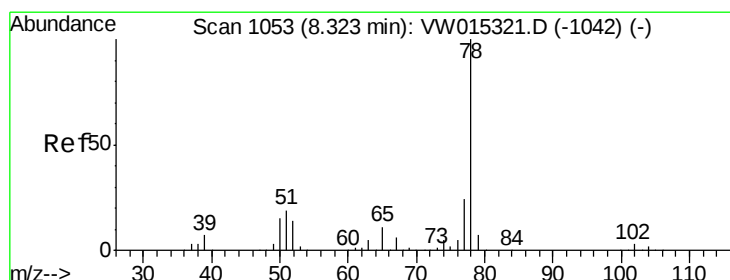
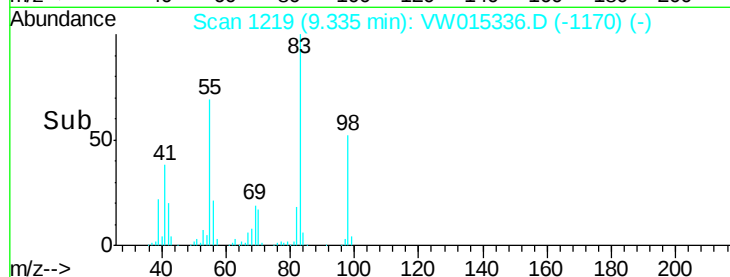
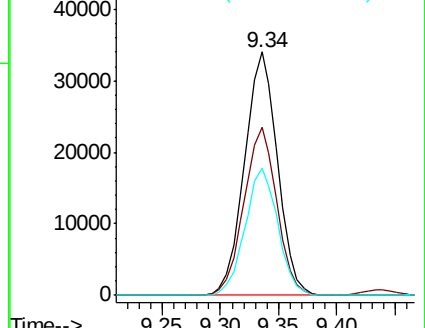
98 52.2 40.2 60.4



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 20.057 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW015336.D

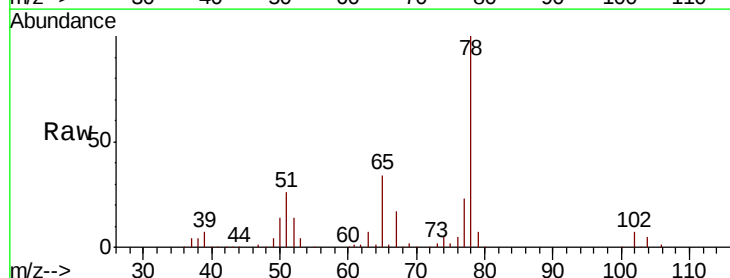
Acq: 24 Apr 2020 12:14

Tgt Ion: 78 Resp: 138233

Ion Ratio Lower Upper

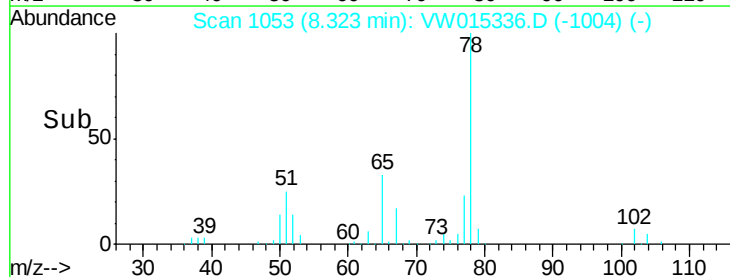
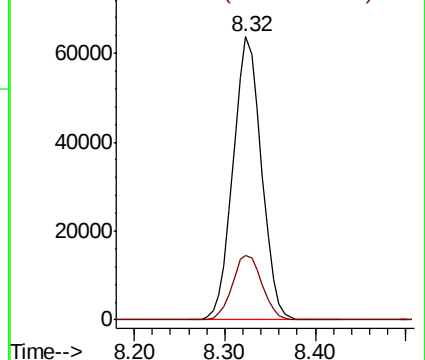
78 100

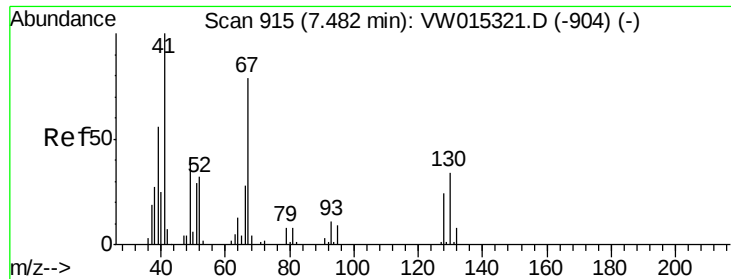
77 22.9 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

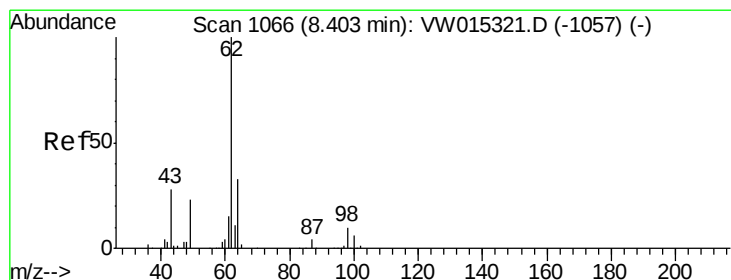
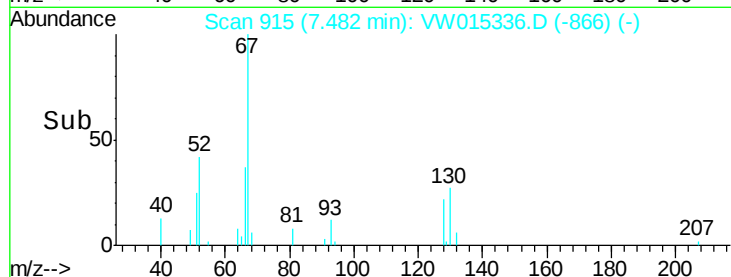
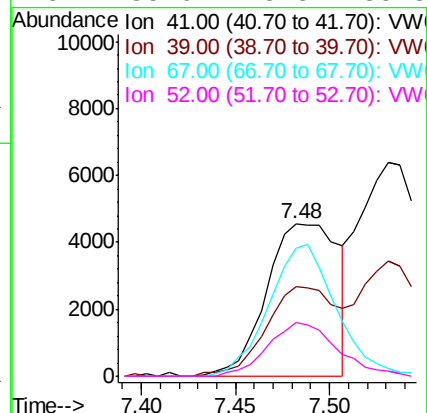
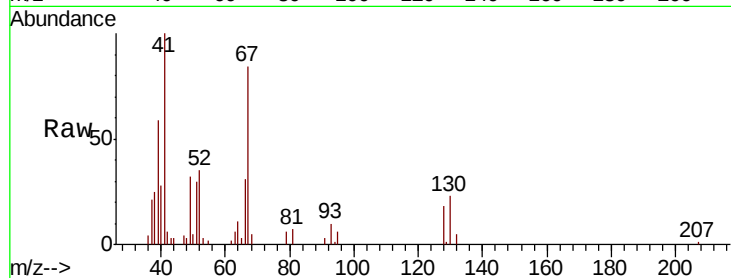




#41
Methacrylonitrile
Concen: 24.140 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

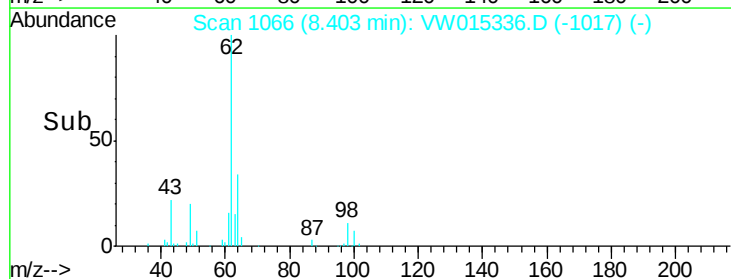
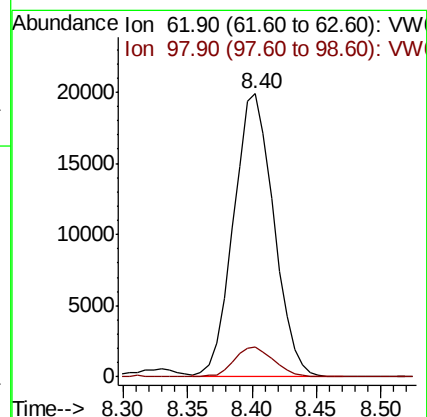
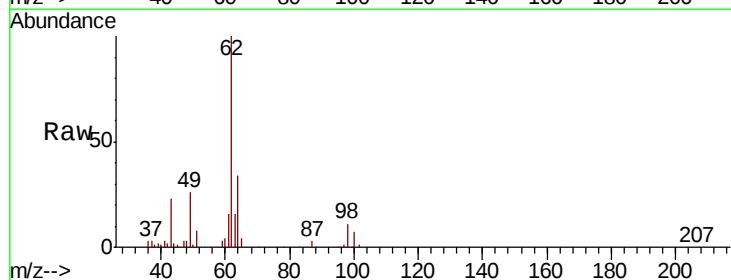
Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

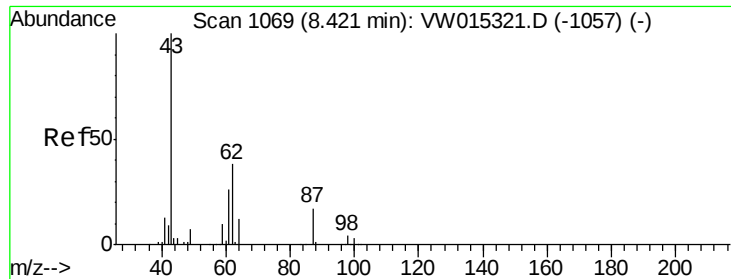
Tot Ion:	41	Resp:	12128
Ion	Ratio	Lower	Upper
41	100		
39	57.0	41.9	62.9
67	81.0	60.6	91.0
52	33.6	23.8	35.8



#42
1,2-Dichloroethane
Concen: 21.290 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion:	62	Resp:	43195
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4



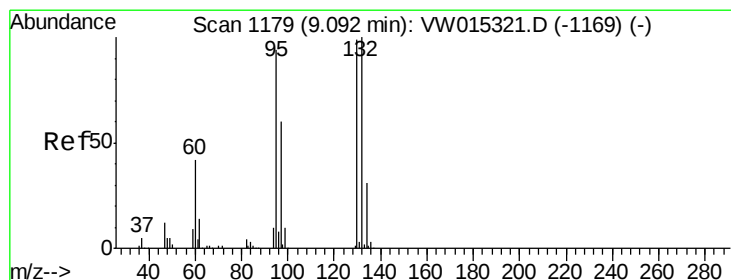
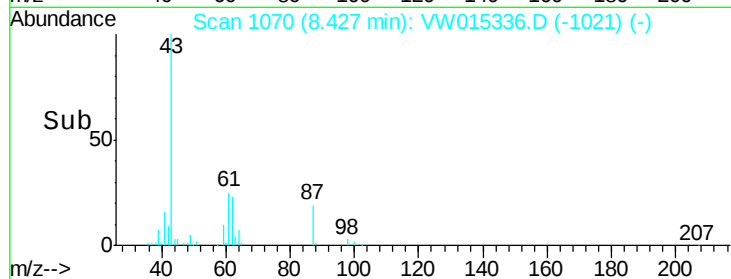
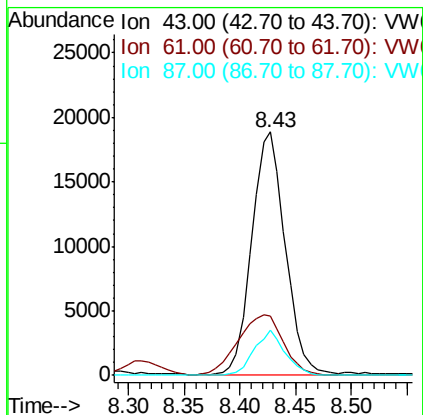
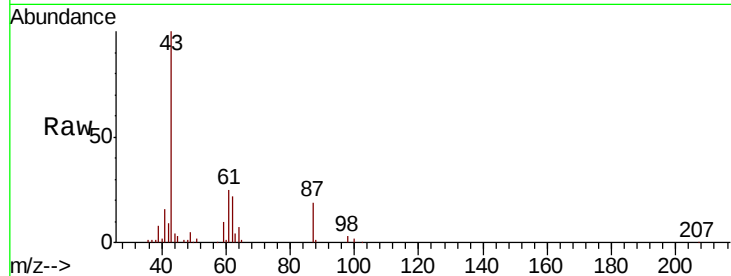


#43

Isopropyl Acetate
 Concen: 22.642 ug/l
 RT: 8.43 min Scan# 1070
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBS01

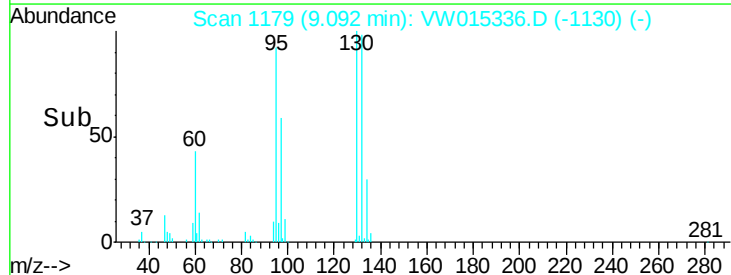
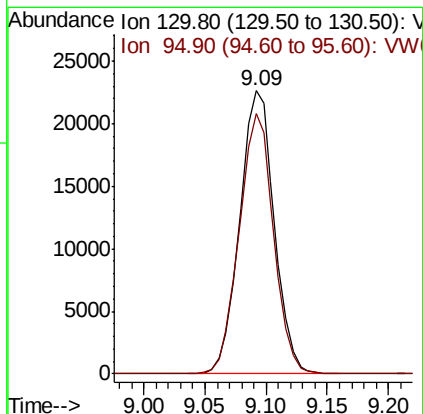
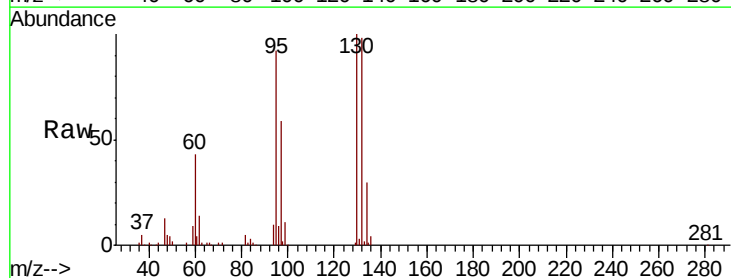
Tot Ion: 43 Resp: 39763
 Ion Ratio Lower Upper
 43 100
 61 33.5 24.8 37.2
 87 16.8 11.4 17.2

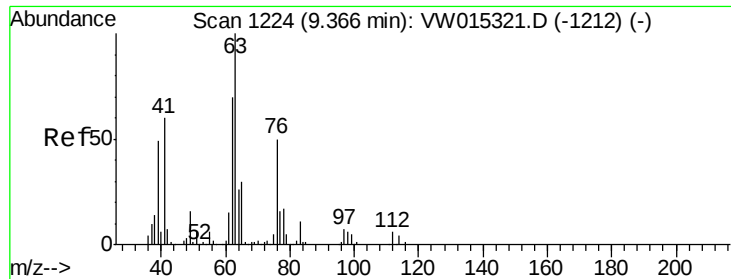


#44

Trichloroethene
 Concen: 20.986 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion: 130 Resp: 44241
 Ion Ratio Lower Upper
 130 100
 95 92.0 0.0 196.4





#45

1,2-Dichloropropane

Concen: 20.153 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

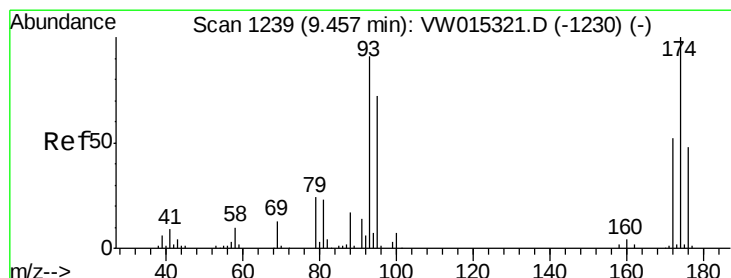
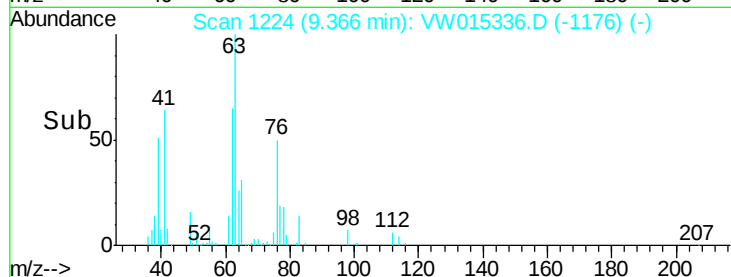
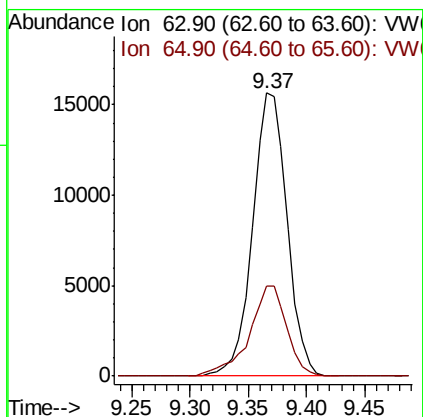
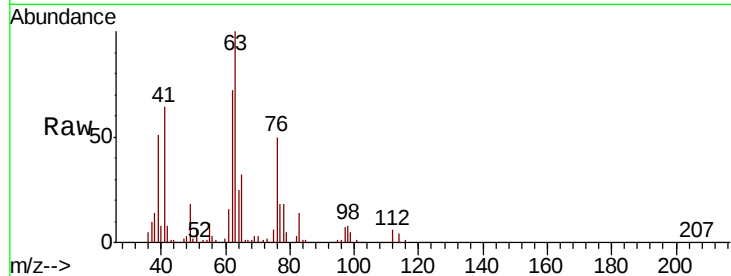
VW0424SBSD01

Tot Ion: 63 Resp: 32300

Ion Ratio Lower Upper

63 100

65 31.9 25.5 38.3



#46

Dibromomethane

Concen: 21.718 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

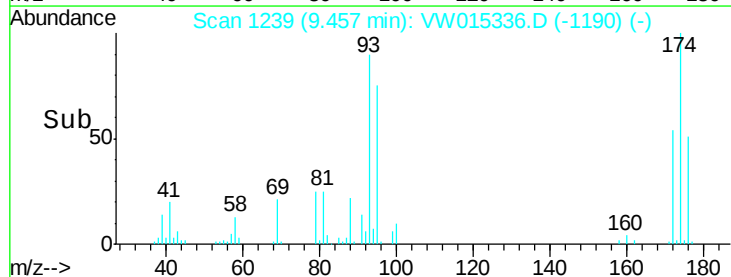
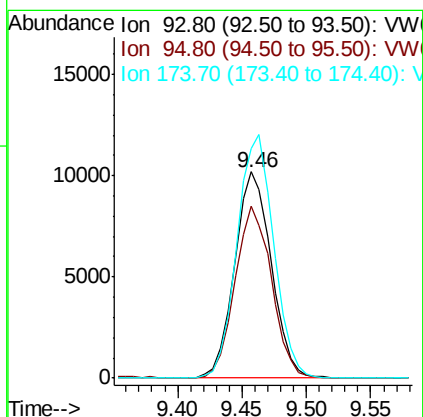
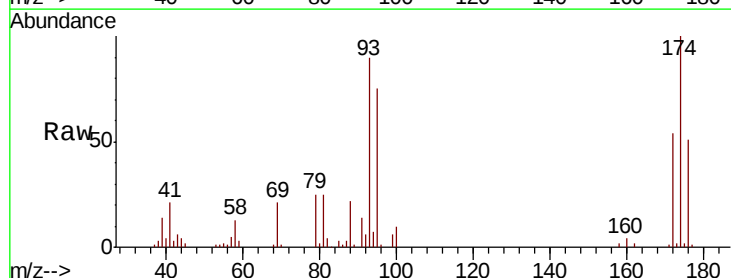
Tgt Ion: 93 Resp: 20135

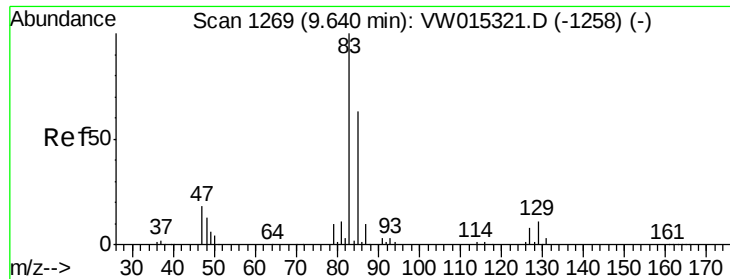
Ion Ratio Lower Upper

93 100

95 82.6 67.5 101.3

174 117.5 74.1 111.1#





#47

Bromodichloromethane

Concen: 20.631 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

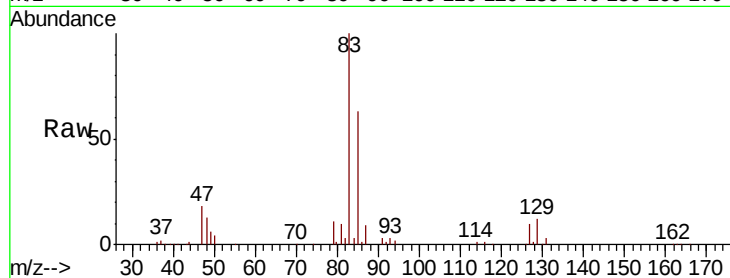
Tot Ion: 83 Resp: 51132

Ion Ratio Lower Upper

83 100

85 63.0 50.6 76.0

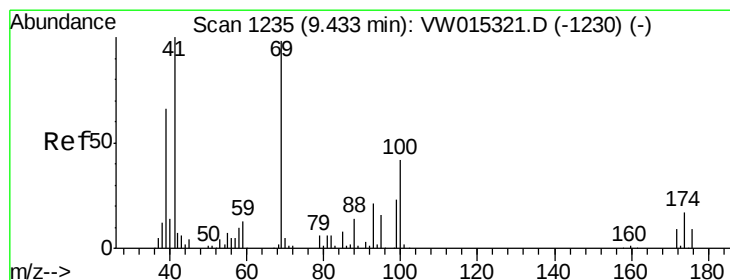
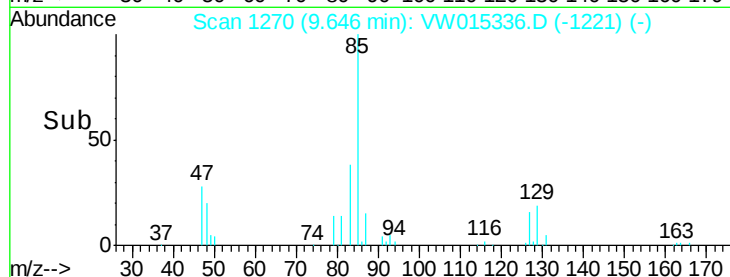
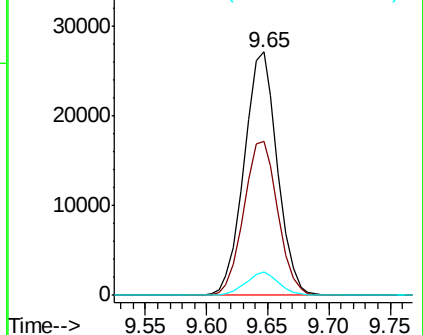
127 9.8 6.7 10.1



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: 21.265 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

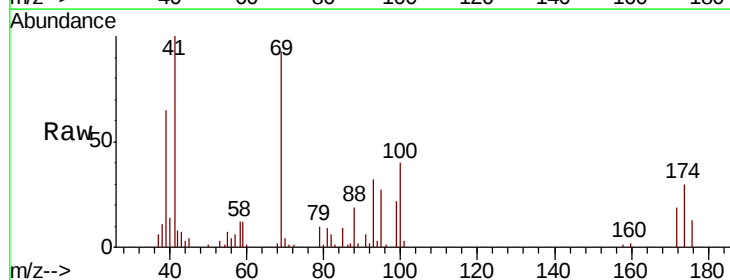
Tgt Ion: 41 Resp: 17654

Ion Ratio Lower Upper

41 100

69 102.2 70.6 105.8

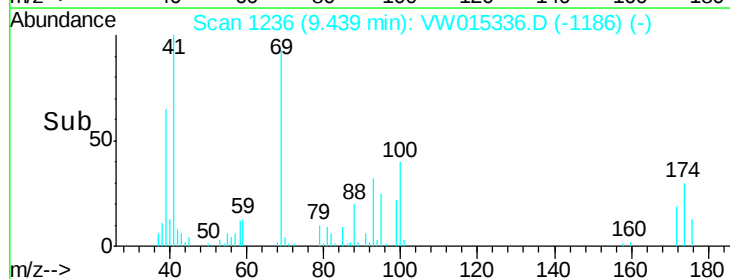
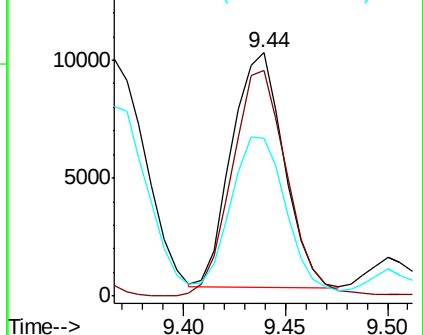
39 68.4 42.6 64.0#

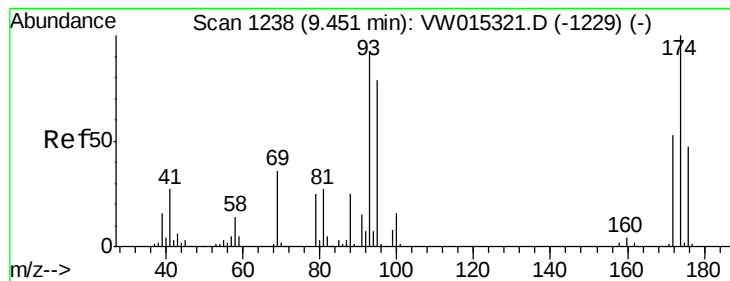


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 479.789 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

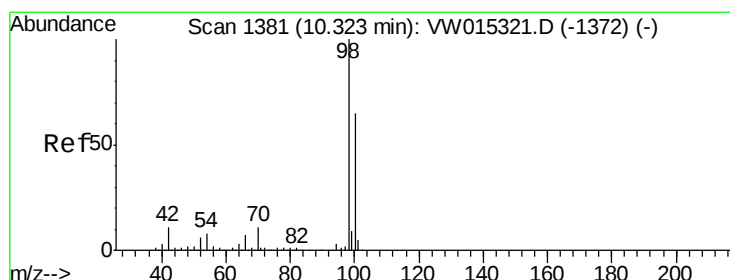
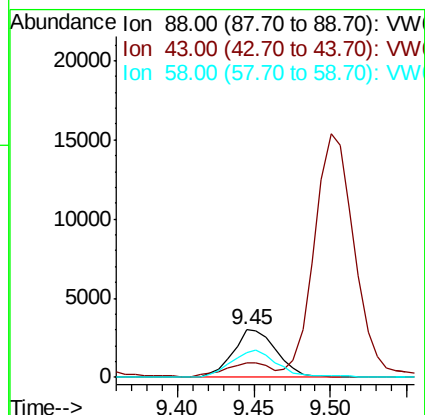
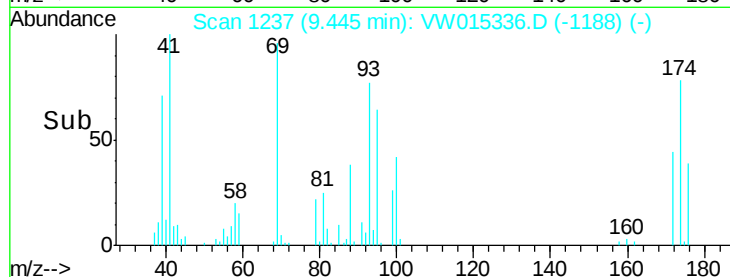
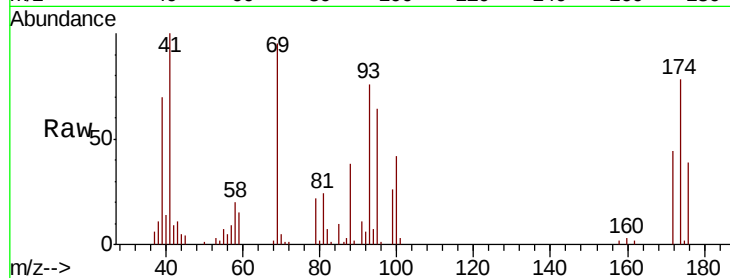
Tot Ion: 88 Resp: 5930

Ion Ratio Lower Upper

88 100

43 28.3 23.5 35.3

58 61.5 55.4 83.2



#50

Toluene-d8

Concen: 48.983 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015336.D

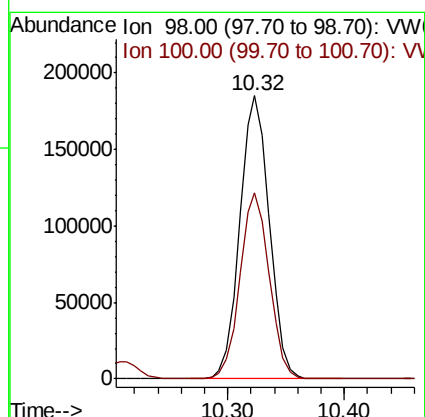
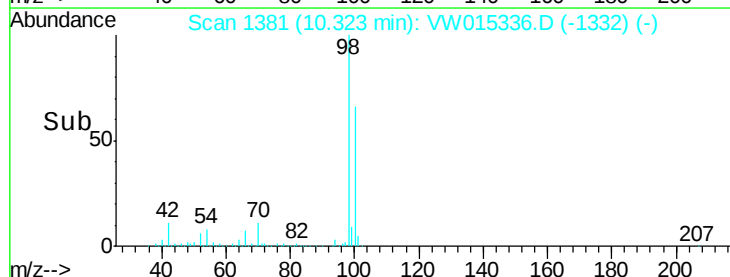
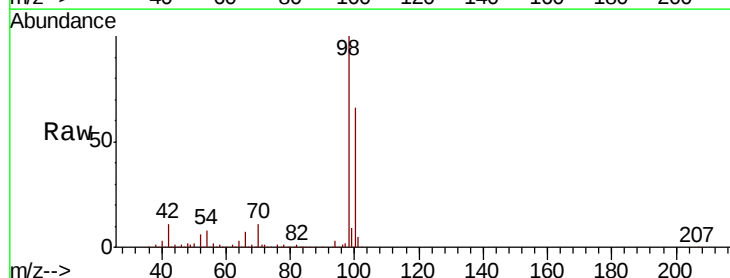
Acq: 24 Apr 2020 12:14

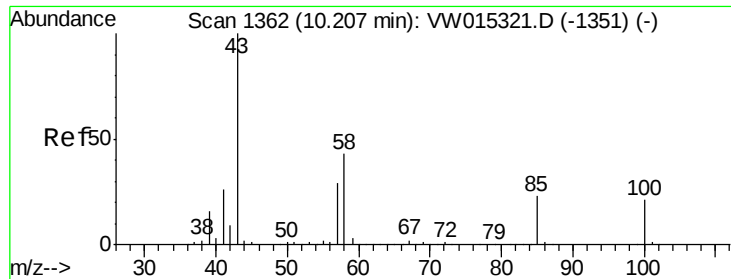
Tgt Ion: 98 Resp: 326274

Ion Ratio Lower Upper

98 100

100 65.1 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 116.234 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

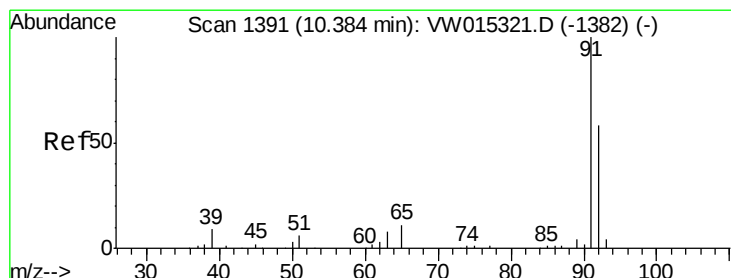
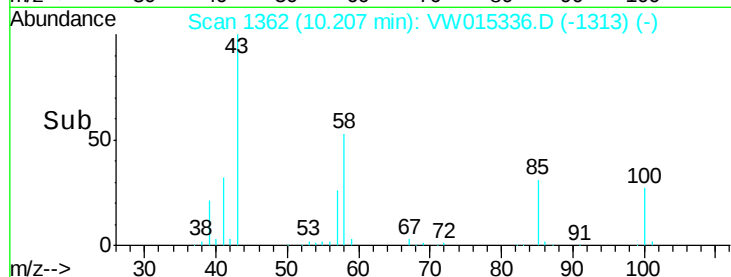
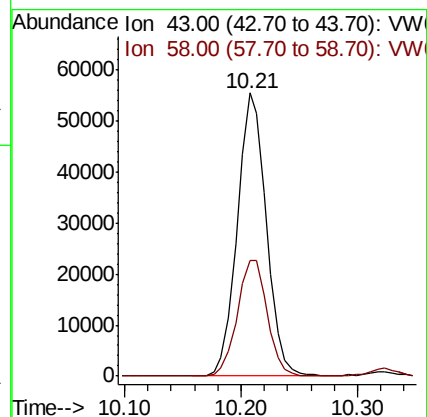
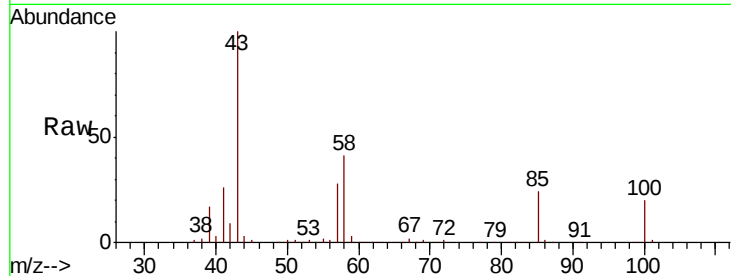
VW0424SBSD01

Tot Ion: 43 Resp: 95823

Ion Ratio Lower Upper

43 100

58 42.6 32.3 48.5



#52

Toluene

Concen: 19.414 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015336.D

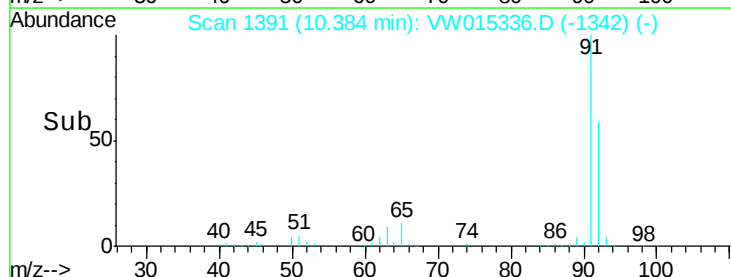
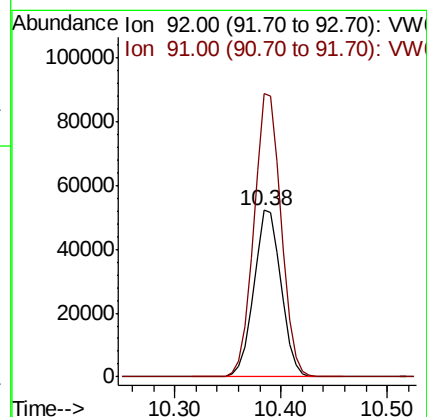
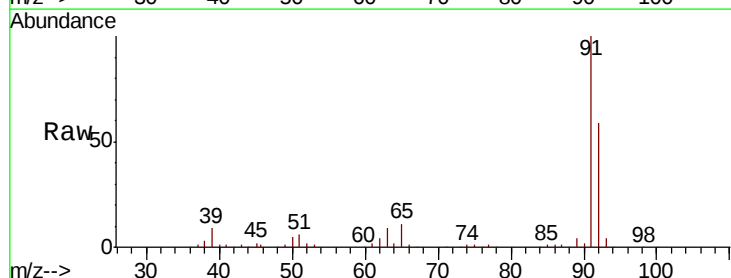
Acq: 24 Apr 2020 12:14

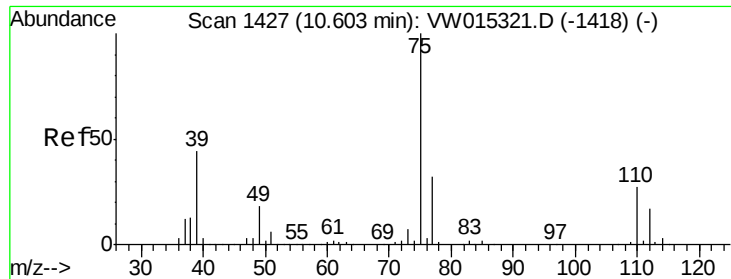
Tgt Ion: 92 Resp: 93644

Ion Ratio Lower Upper

92 100

91 170.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 20.918 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

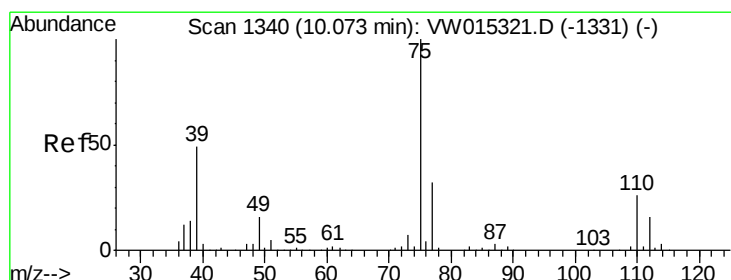
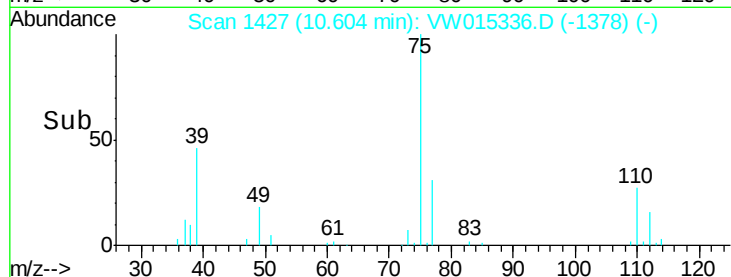
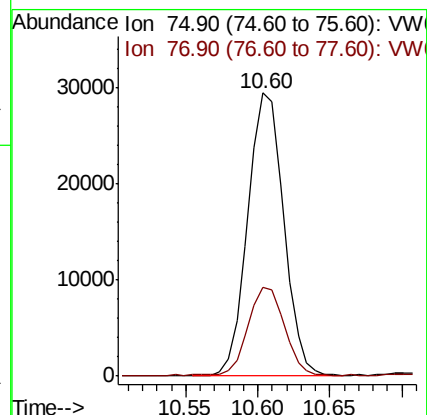
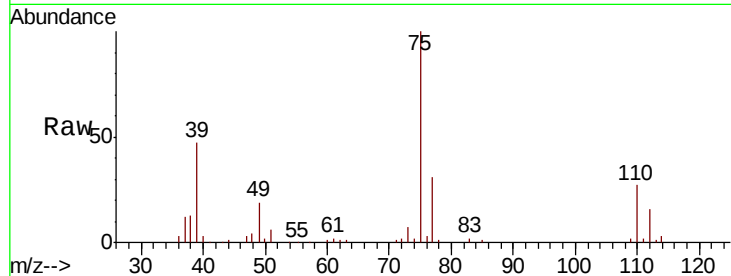
VW0424SBSD01

Tot Ion: 75 Resp: 51119

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.283 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

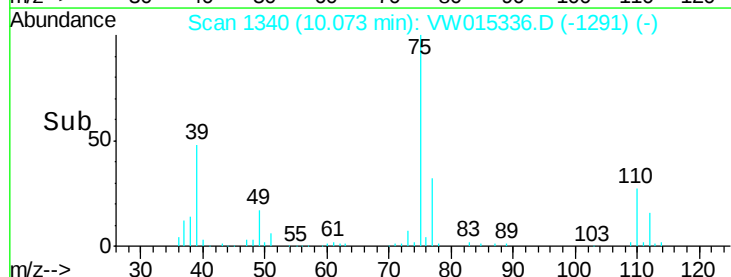
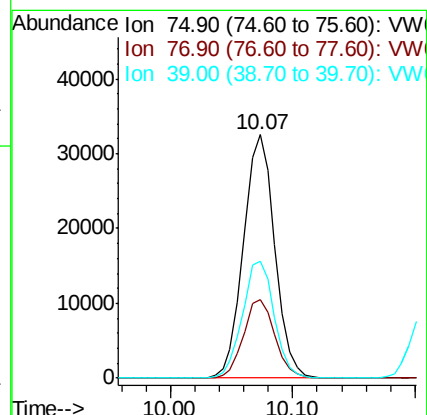
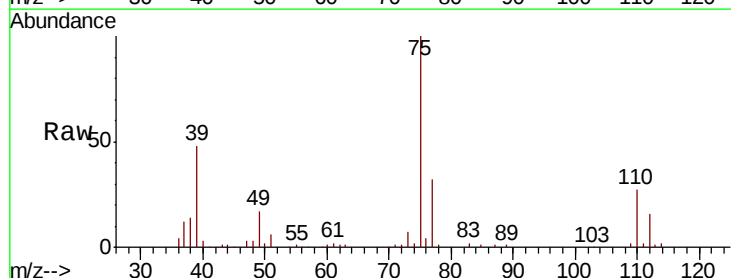
Tgt Ion: 75 Resp: 57615

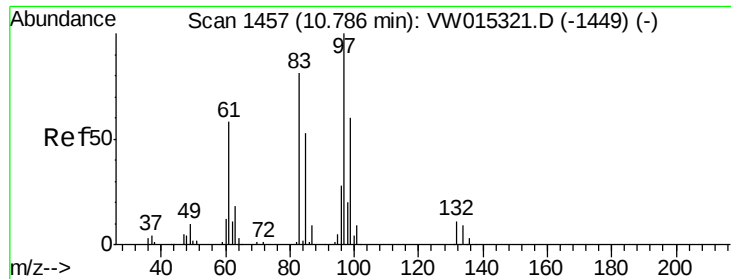
Ion Ratio Lower Upper

75 100

77 32.2 26.6 39.8

39 48.2 37.8 56.6

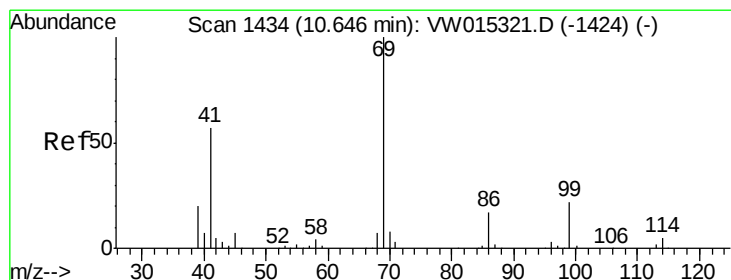
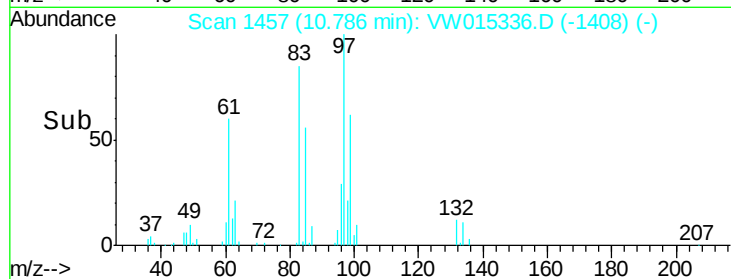
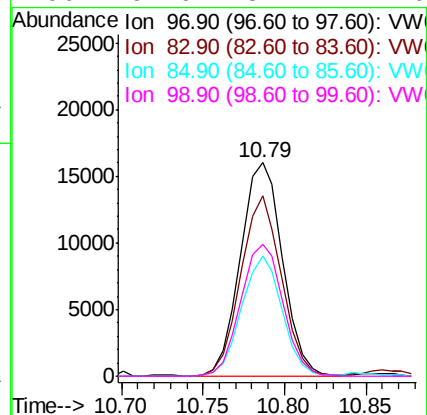
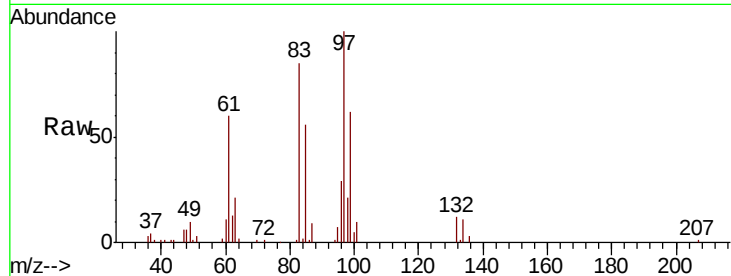




#55
 1,1,2-Trichloroethane
 Concen: 22.221 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

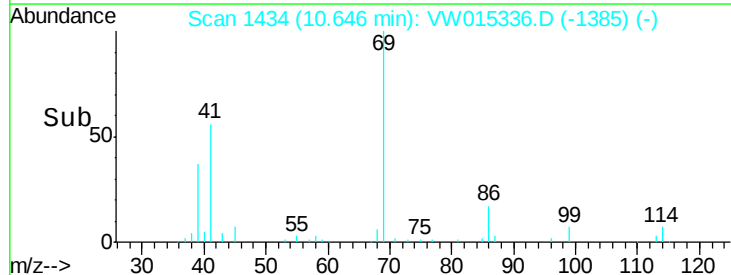
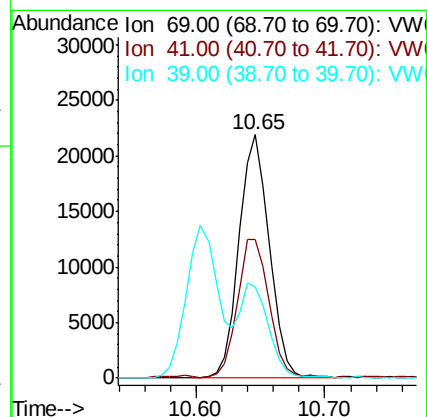
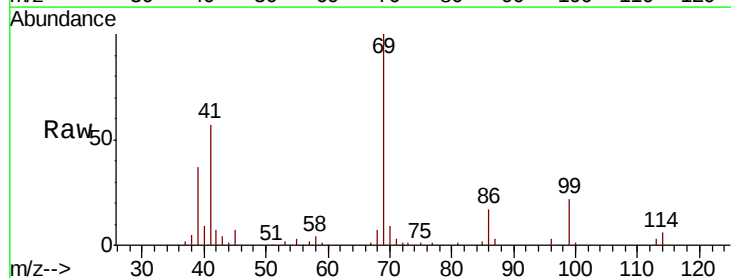
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBSD01

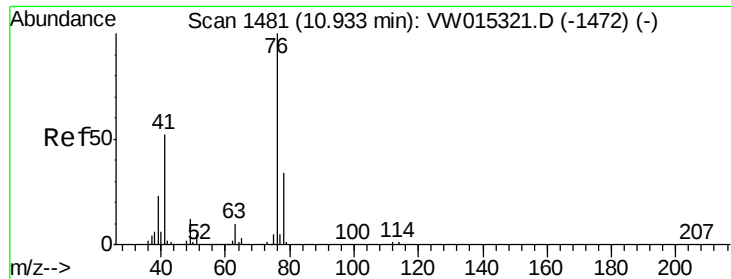
Tot Ion: 97 Resp: 28848
 Ion Ratio Lower Upper
 97 100
 83 84.6 67.3 100.9
 85 56.4 43.8 65.8
 99 61.9 51.4 77.0



#56
 Ethyl methacrylate
 Concen: 21.485 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion: 69 Resp: 35932
 Ion Ratio Lower Upper
 69 100
 41 59.0 51.3 76.9
 39 36.6 24.6 37.0

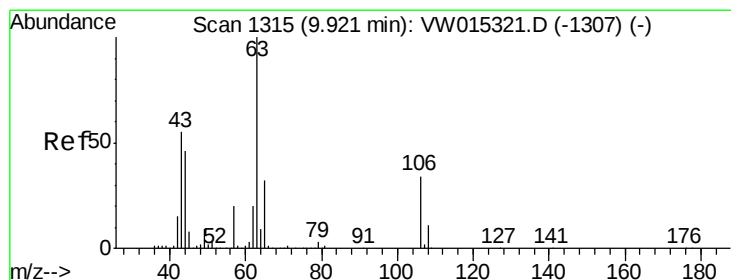
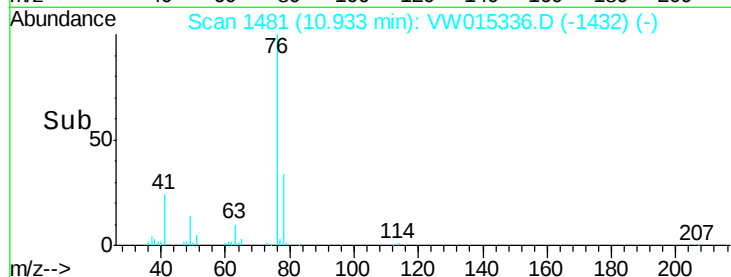
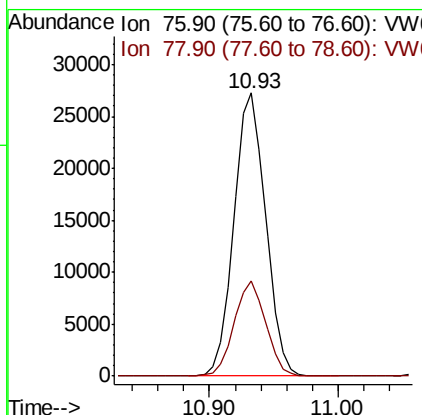
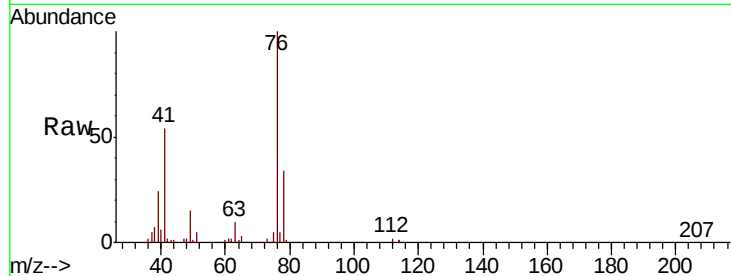




#57
 1,3-Dichloropropane
 Concen: 21.688 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

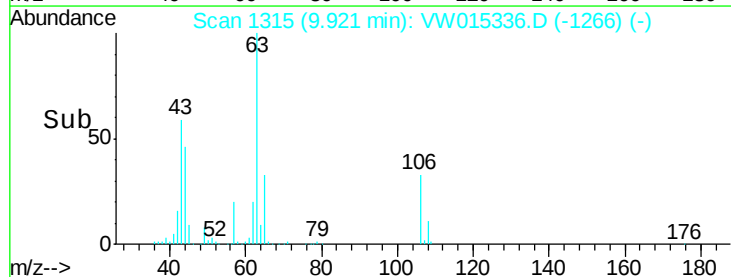
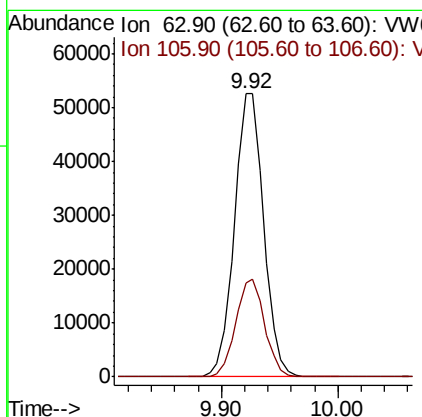
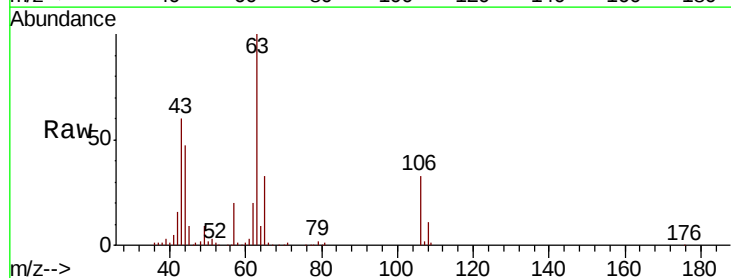
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBSD01

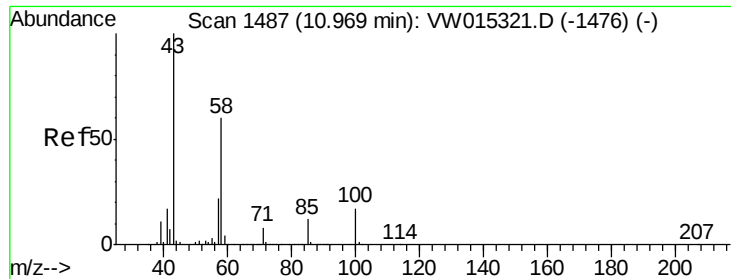
Tot Ion: 76 Resp: 46639
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.2 39.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 118.919 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion: 63 Resp: 92206
 Ion Ratio Lower Upper
 63 100
 106 34.0 22.6 33.8#

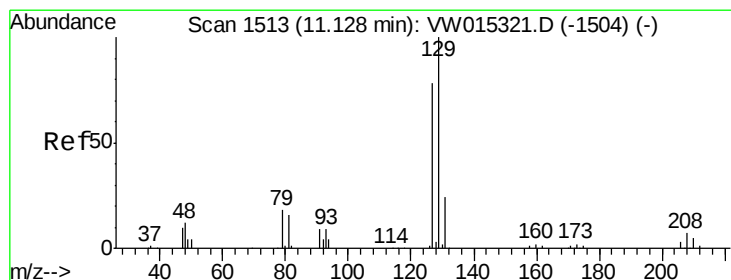
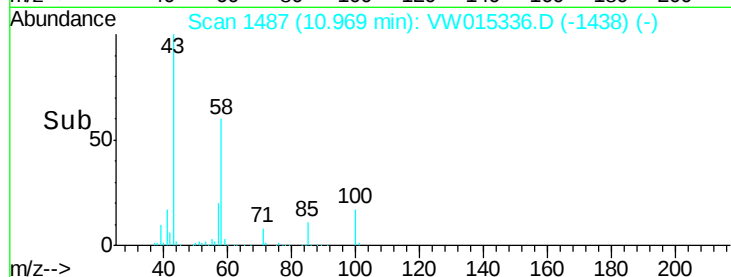
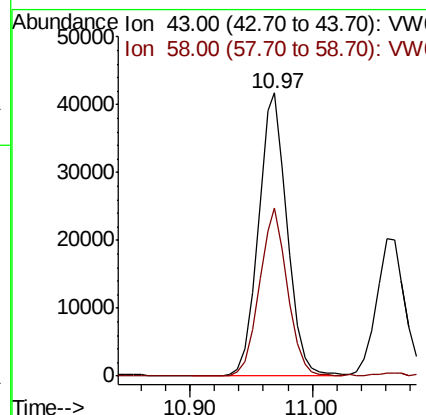
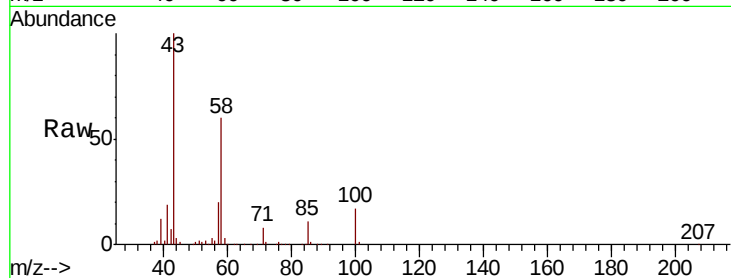




#59
2-Hexanone
Concen: 115.056 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

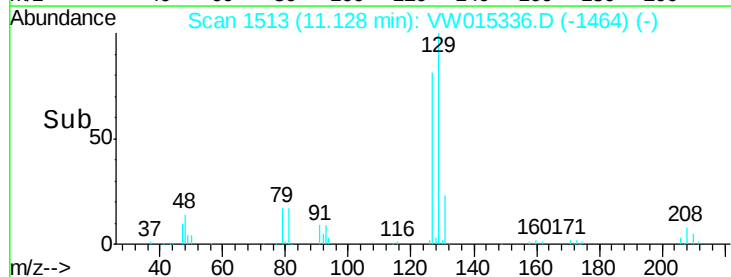
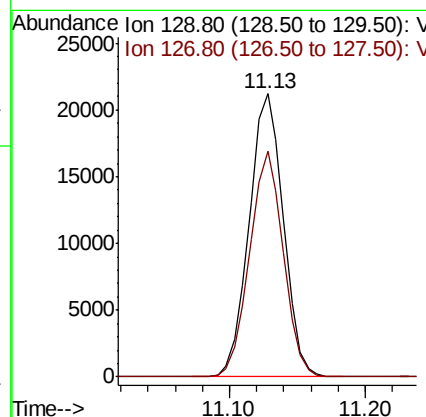
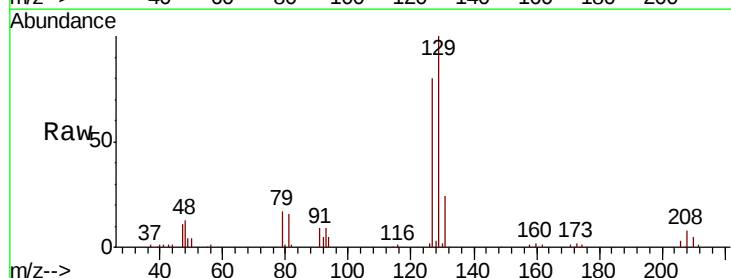
Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

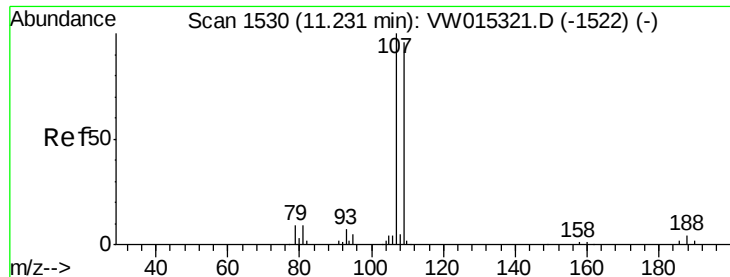
Tot Ion: 43 Resp: 67709
Ion Ratio Lower Upper
43 100
58 58.3 28.1 84.3



#60
Dibromochloromethane
Concen: 21.794 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion: 129 Resp: 37357
Ion Ratio Lower Upper
129 100
127 78.4 38.3 114.8

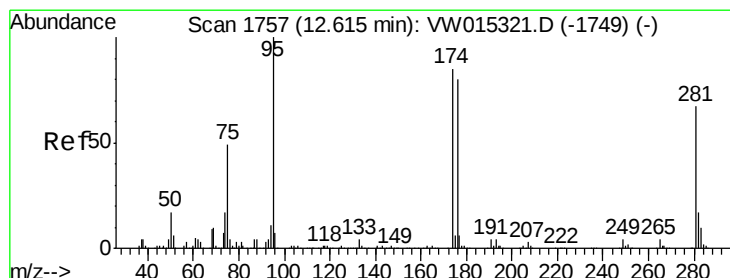
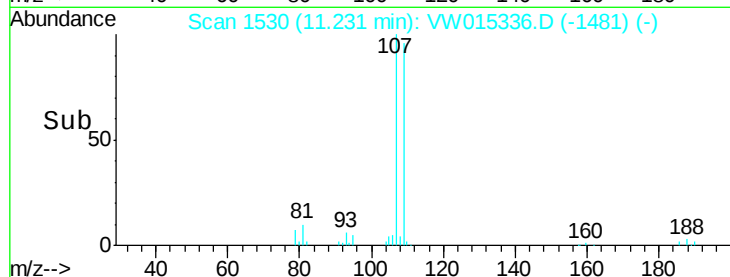
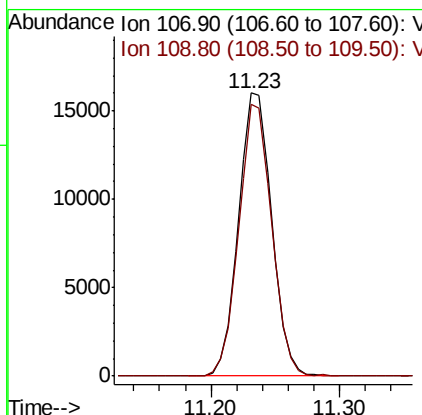
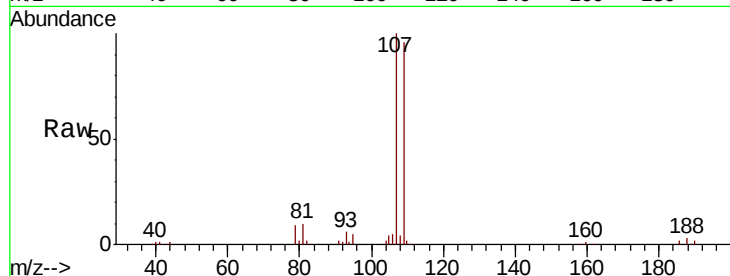




#61
 1,2-Dibromoethane
 Concen: 22.479 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

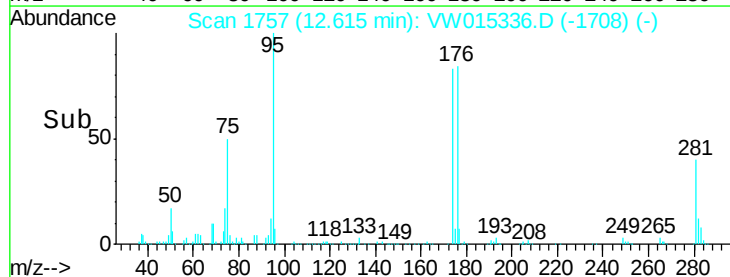
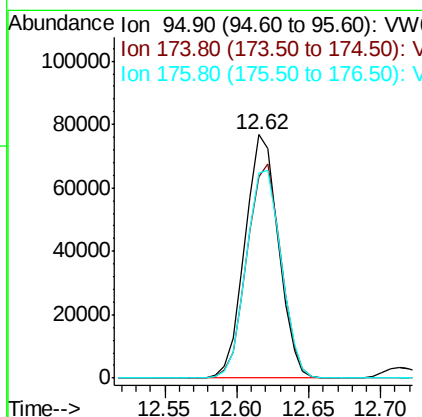
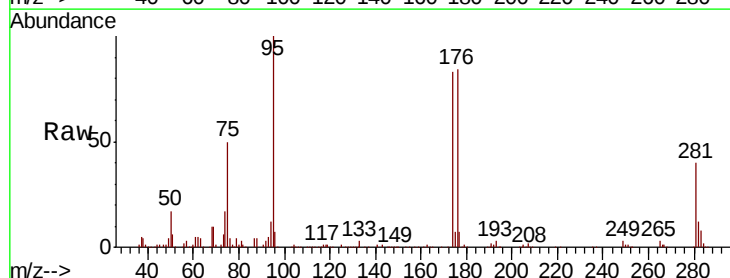
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBSD01

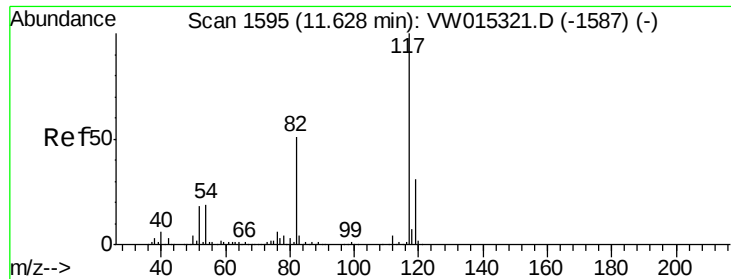
Tot Ion: 107 Resp: 28475
 Ion Ratio Lower Upper
 107 100
 109 95.1 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 48.659 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion: 95 Resp: 123665
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 144.4
 176 88.9 0.0 140.6

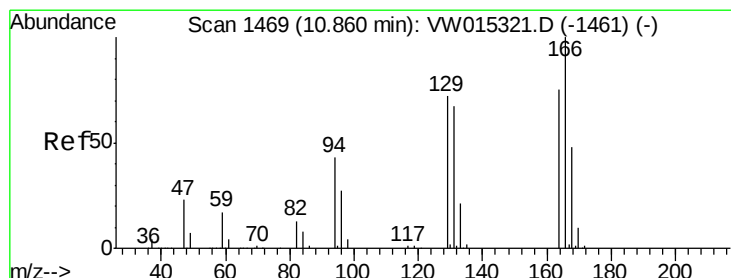
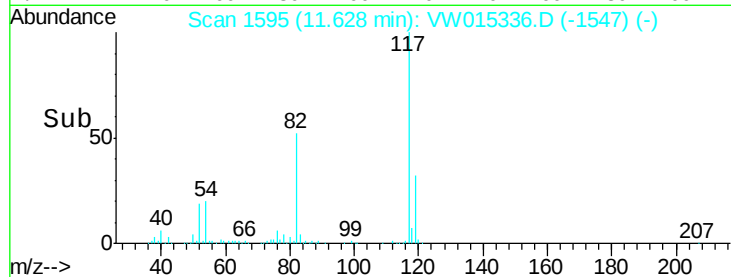
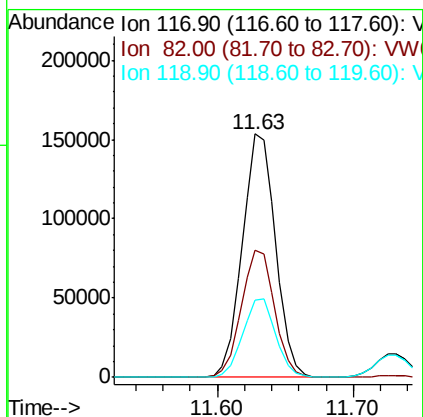
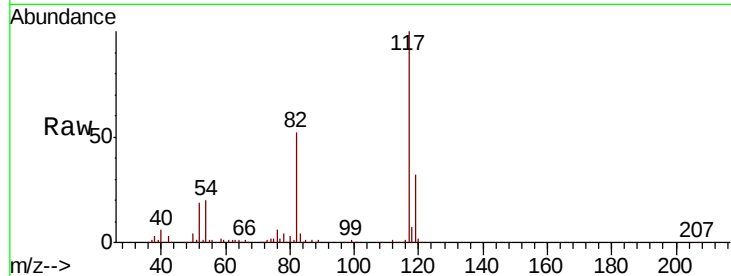




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

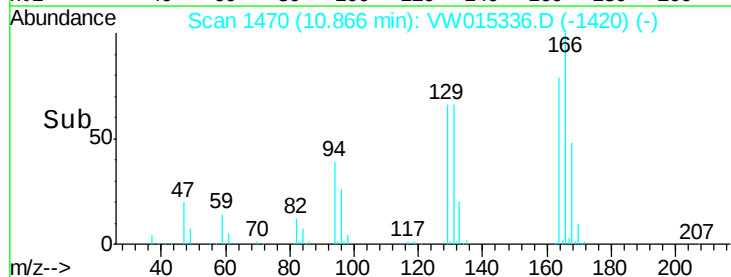
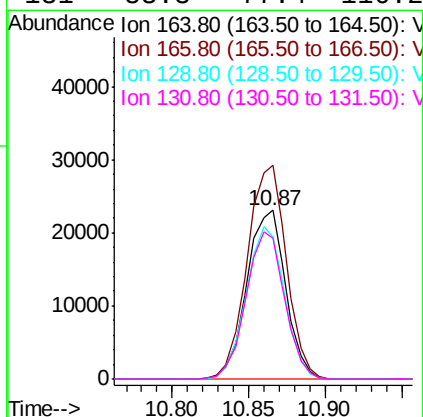
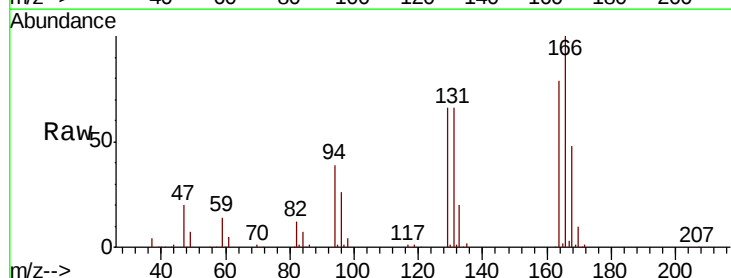
Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

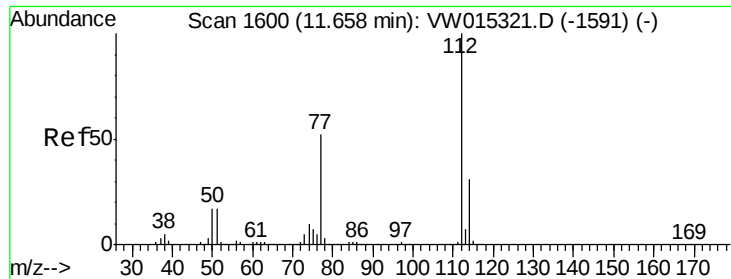
Tot Ion:117 Resp: 262273
Ion Ratio Lower Upper
117 100
82 52.4 44.1 66.1
119 31.9 24.9 37.3



#64
Tetrachloroethene
Concen: 21.697 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion:164 Resp: 40613
Ion Ratio Lower Upper
164 100
166 126.8 102.6 154.0
129 84.3 80.2 120.2
131 83.3 77.4 116.2

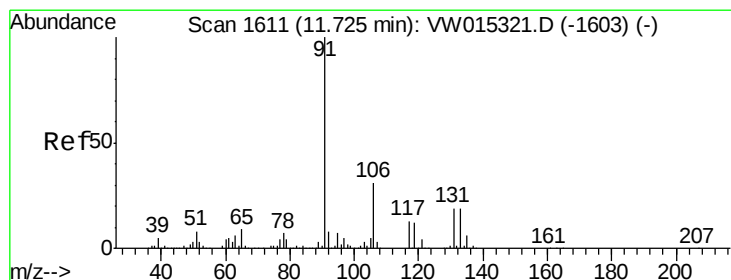
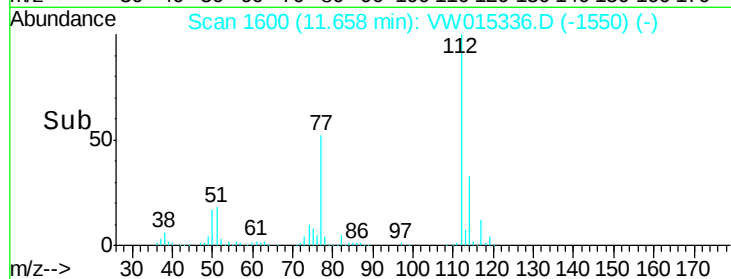
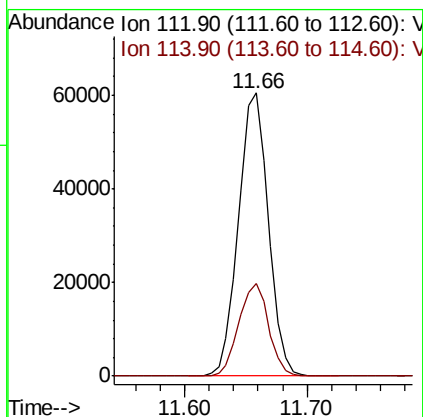
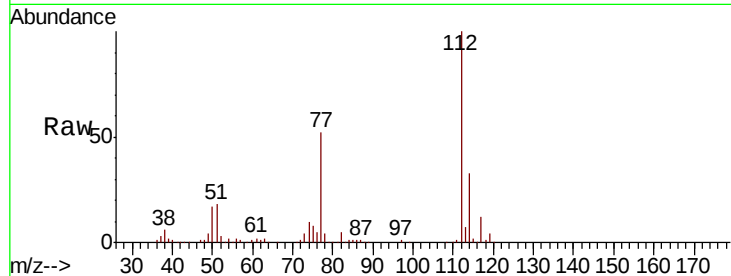




#65
Chlorobenzene
Concen: 19.921 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

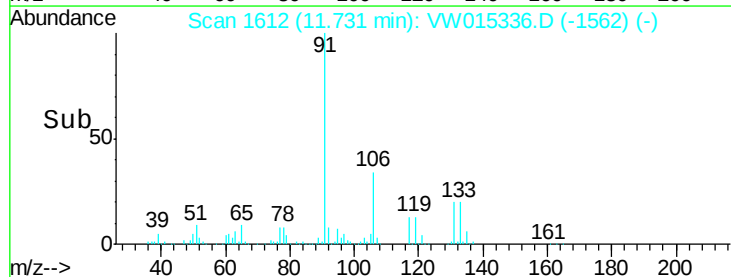
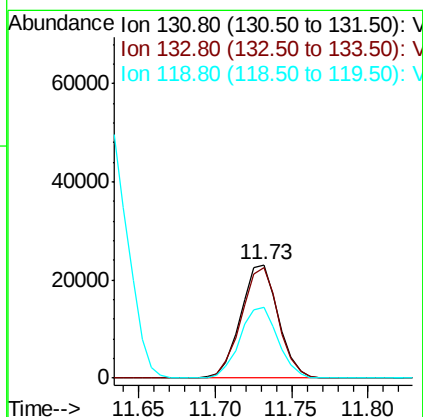
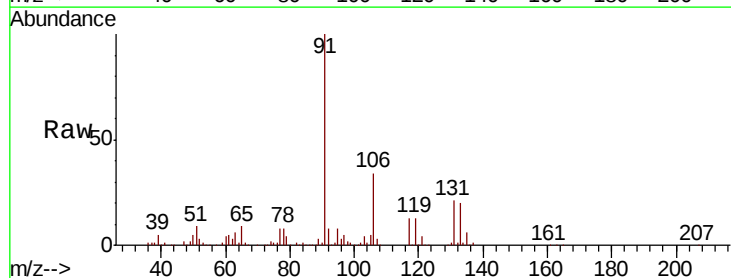
Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

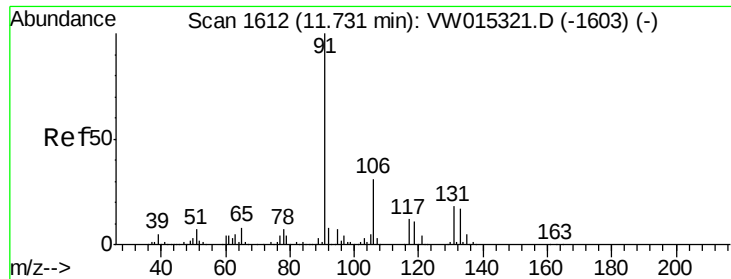
Tot Ion:112 Resp: 102523
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.253 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion:131 Resp: 39312
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 64.0 34.0 101.8

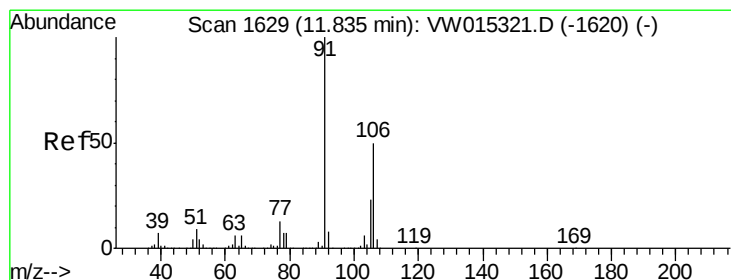
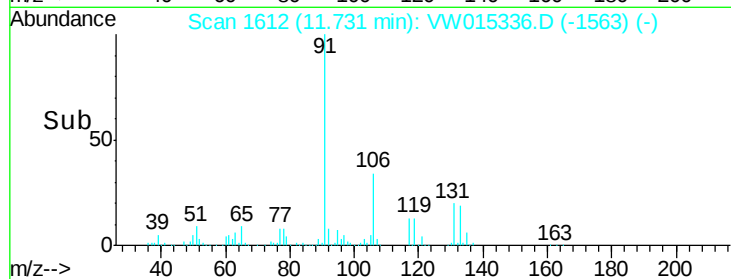
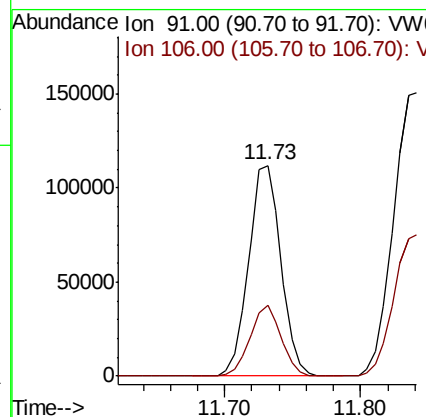
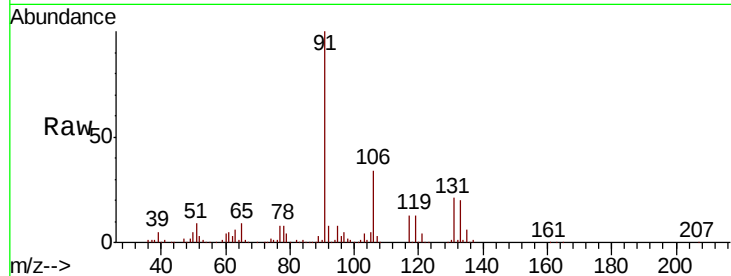




#67
Ethyl Benzene
Concen: 19.432 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

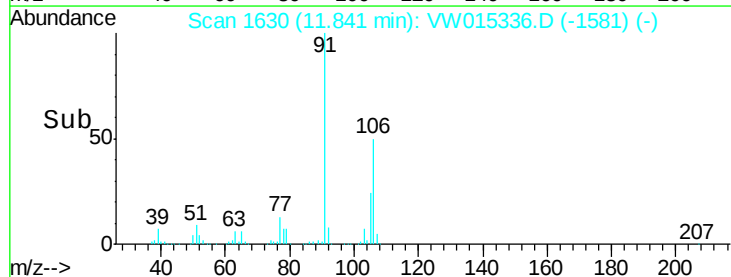
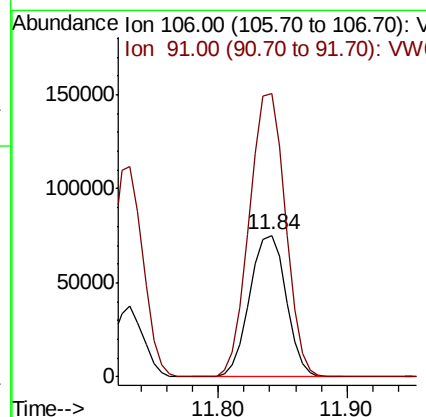
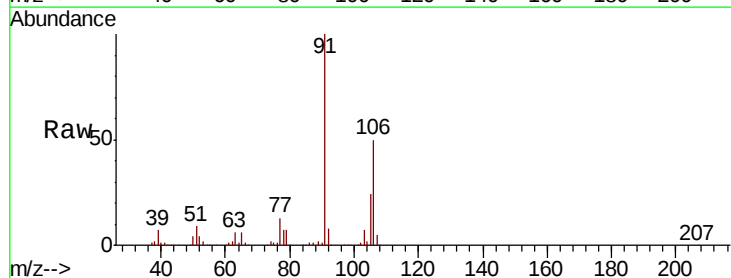
Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

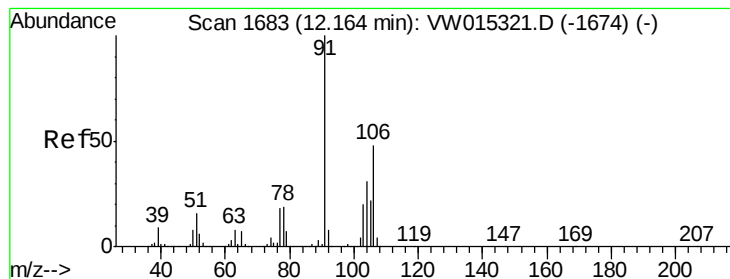
Tot Ion: 91 Resp: 186500
Ion Ratio Lower Upper
91 100
106 33.7 25.7 38.5



#68
m/p-Xylenes
Concen: 39.213 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion: 106 Resp: 147521
Ion Ratio Lower Upper
106 100
91 198.9 160.0 240.0





#69

o-Xylene

Concen: 19.854 ug/l

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

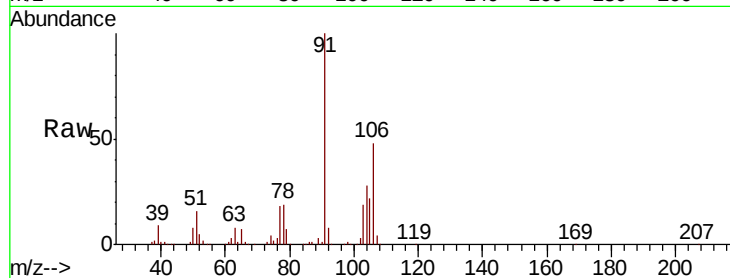
VW0424SBS01

Tot Ion:106 Resp: 69717

Ion Ratio Lower Upper

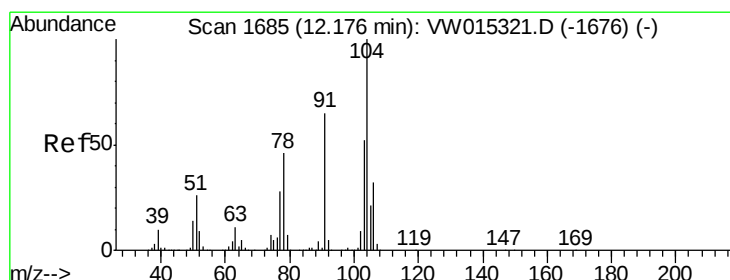
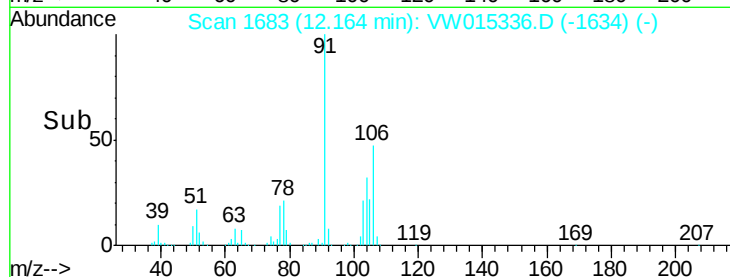
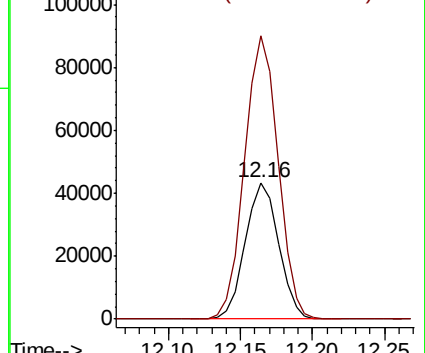
106 100

91 208.0 105.7 317.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#70

Styrene

Concen: 19.563 ug/l

RT: 12.18 min Scan# 1685

Delta R.T. -0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

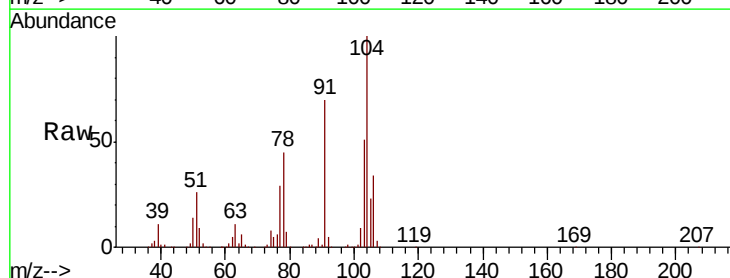
Tgt Ion:104 Resp: 117095

Ion Ratio Lower Upper

104 100

78 49.4 39.8 59.6

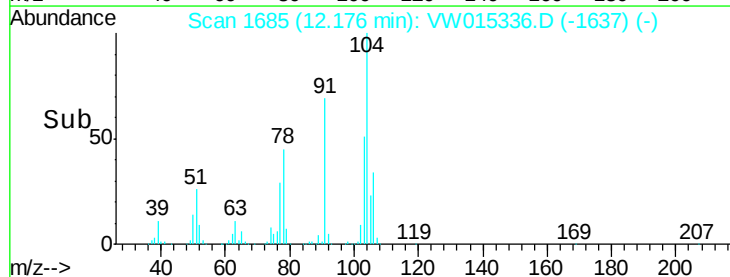
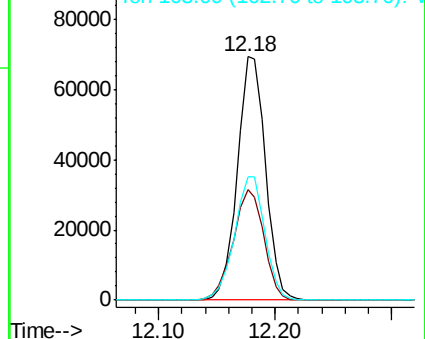
103 54.3 43.8 65.6

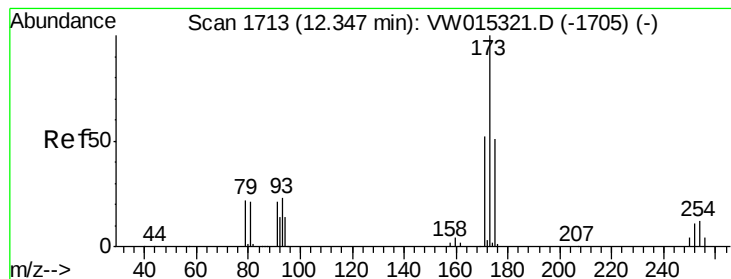


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 23.758 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

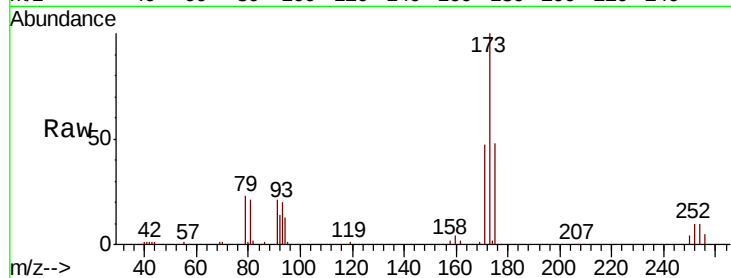
Tot Ion:173 Resp: 24762

Ion Ratio Lower Upper

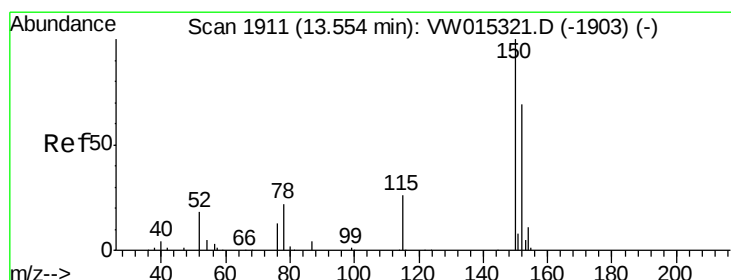
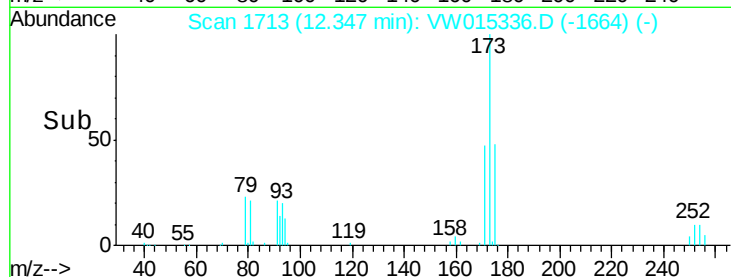
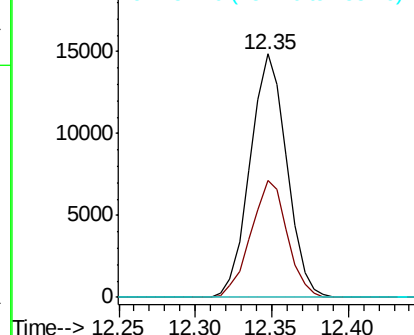
173 100

175 47.5 25.1 75.4

254 0.0 0.1 0.1#



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: VW015336.D

Acq: 24 Apr 2020 12:14

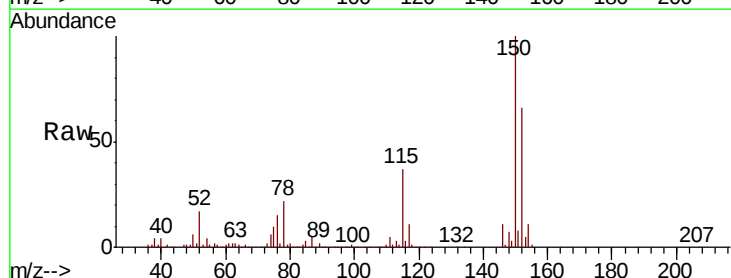
Tgt Ion:152 Resp: 145450

Ion Ratio Lower Upper

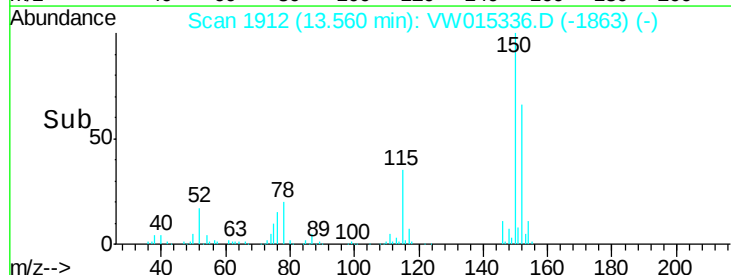
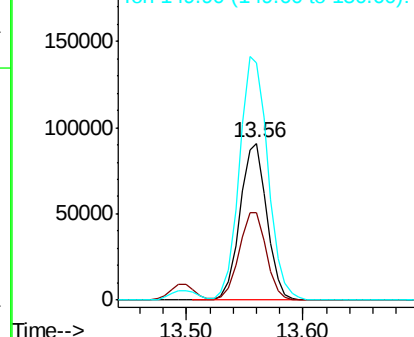
152 100

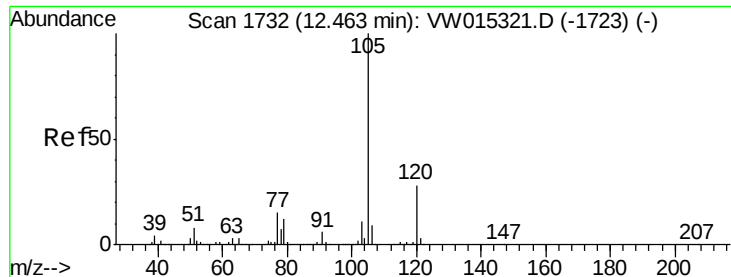
115 56.9 31.3 93.9

150 165.5 0.0 343.4



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





#73

Isopropylbenzene

Concen: 19.364 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

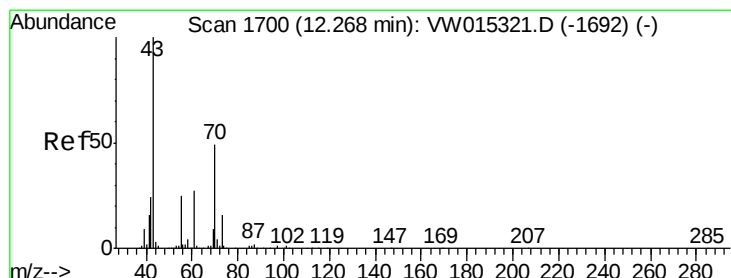
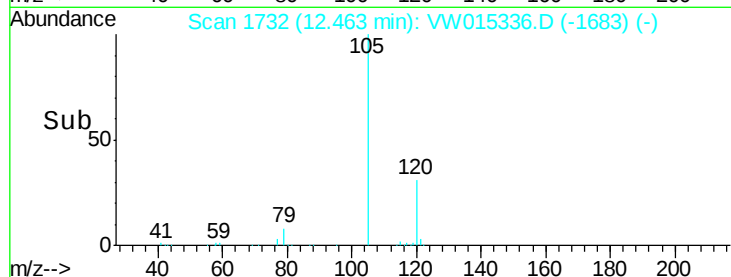
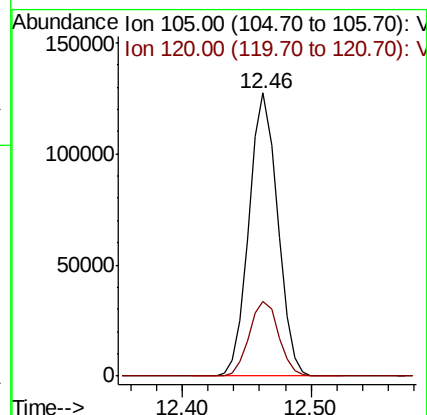
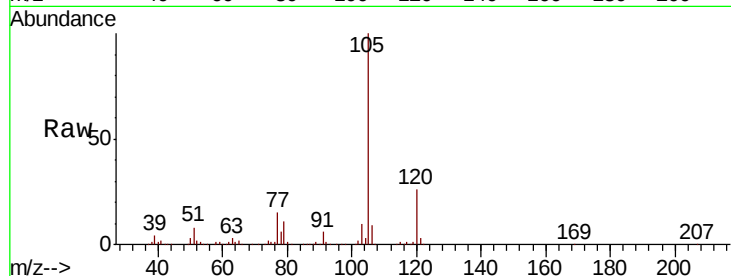
VW0424SBSD01

Tot Ion:105 Resp: 195277

Ion Ratio Lower Upper

105 100

120 26.9 13.7 41.1



#74

N-ethyl acetate

Concen: 21.031 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion: 43 Resp: 36899

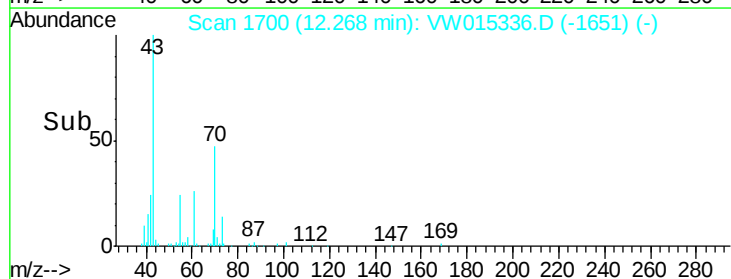
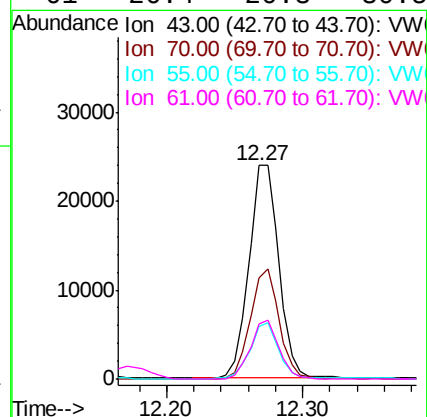
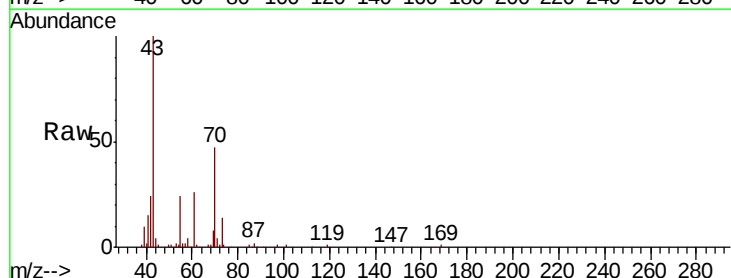
Ion Ratio Lower Upper

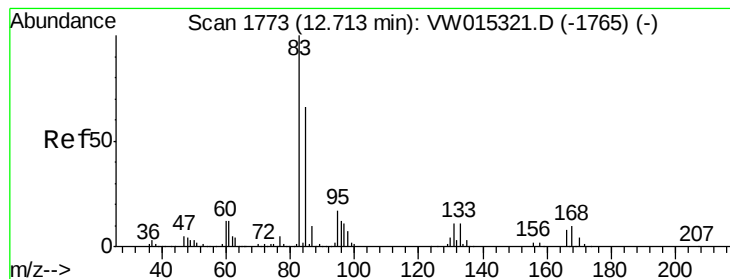
43 100

70 49.7 35.4 53.2

55 25.6 18.5 27.7

61 26.4 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 21.841 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

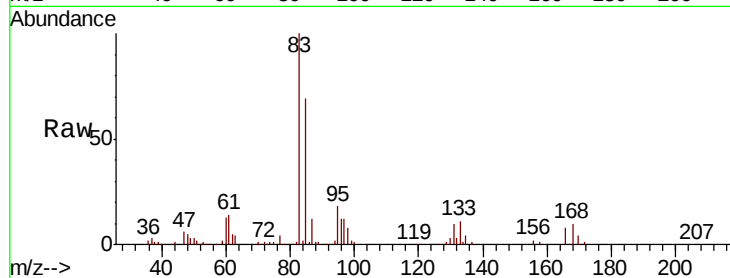
Tot Ion: 83 Resp: 31273

Ion Ratio Lower Upper

83 100

131 11.7 5.1 15.2

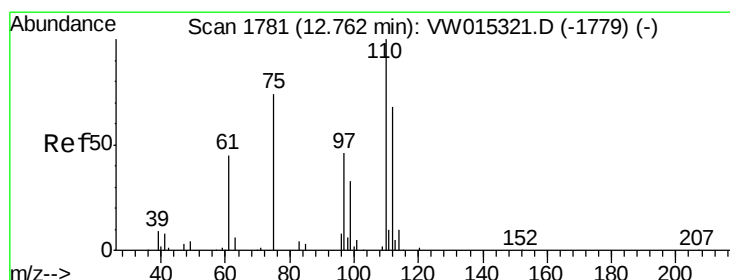
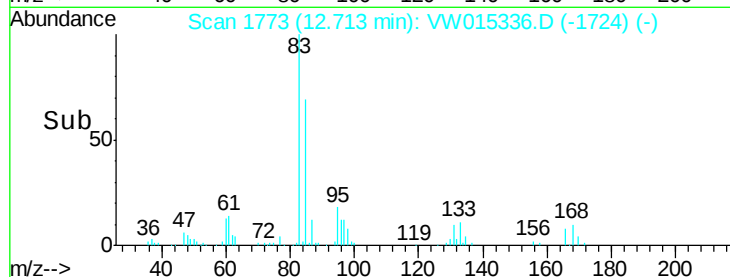
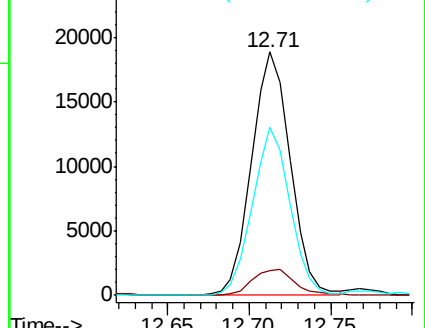
85 66.7 32.3 96.8



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: 37.737 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015336.D

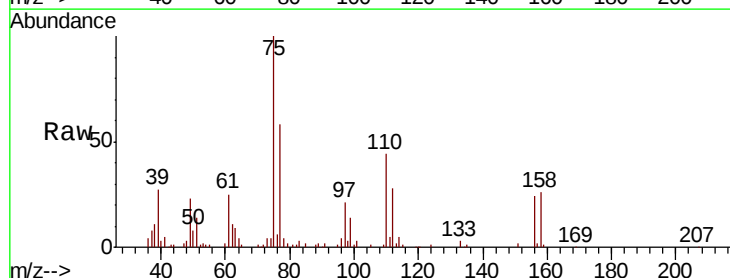
Acq: 24 Apr 2020 12:14

Tgt Ion: 75 Resp: 42462

Ion Ratio Lower Upper

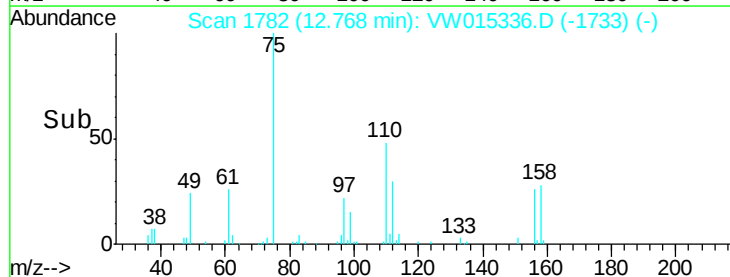
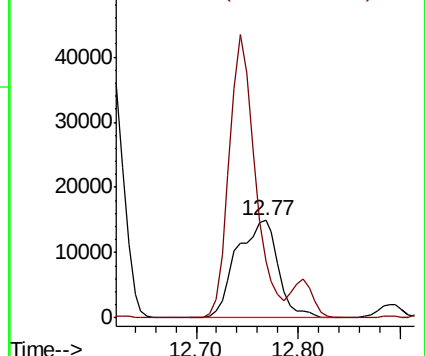
75 100

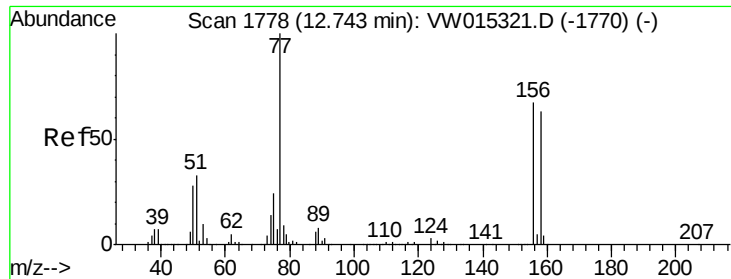
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

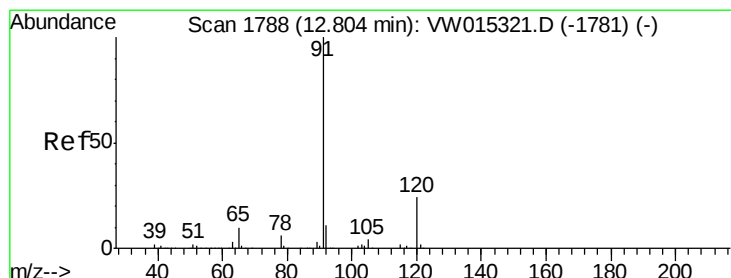
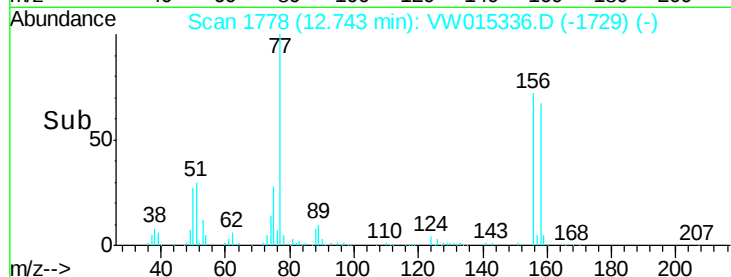
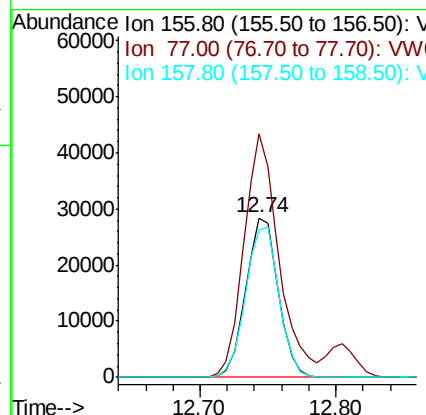
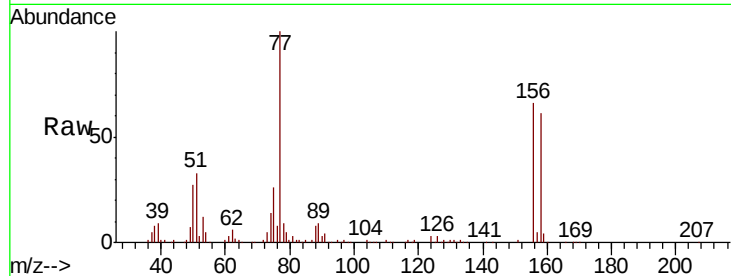




#77
Bromobenzene
Concen: 20.384 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

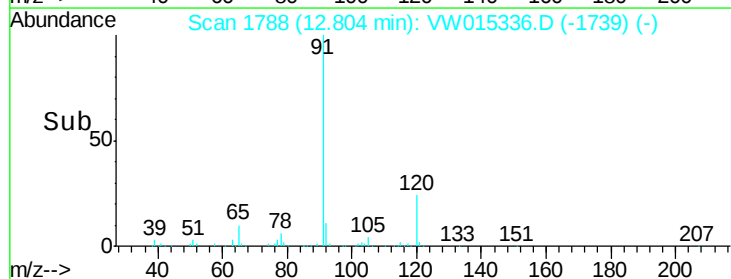
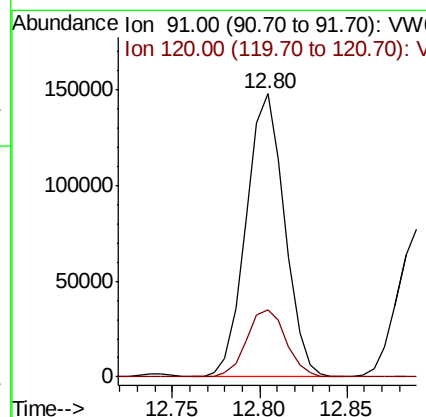
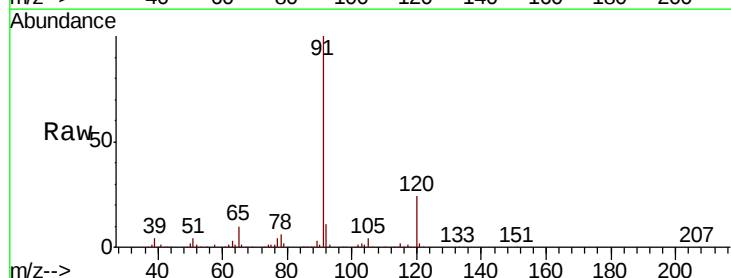
Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

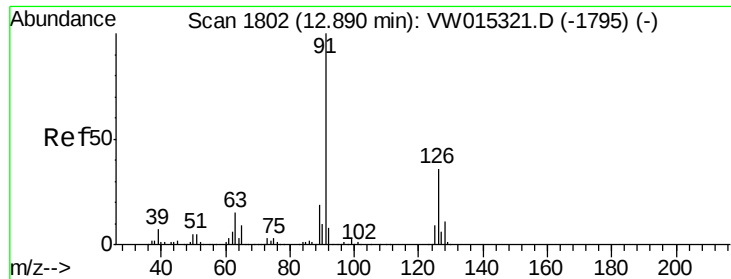
Tot Ion:156 Resp: 47228
Ion Ratio Lower Upper
156 100
77 164.2 100.5 301.5
158 97.1 47.9 143.8



#78
n-propylbenzene
Concen: 19.259 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion: 91 Resp: 226140
Ion Ratio Lower Upper
91 100
120 24.4 11.4 34.1

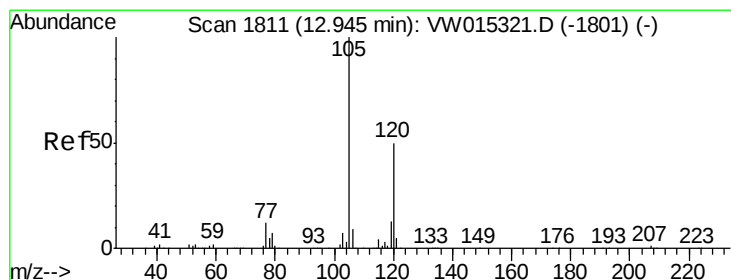
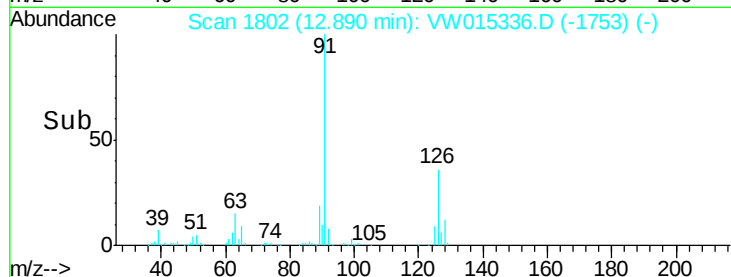
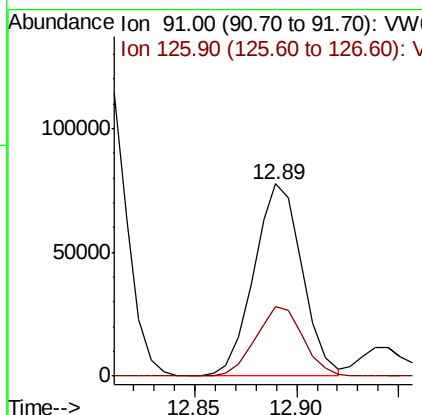
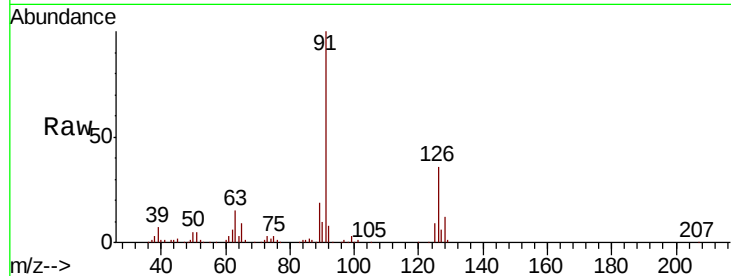




#79
 2-Chlorotoluene
 Concen: 19.240 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

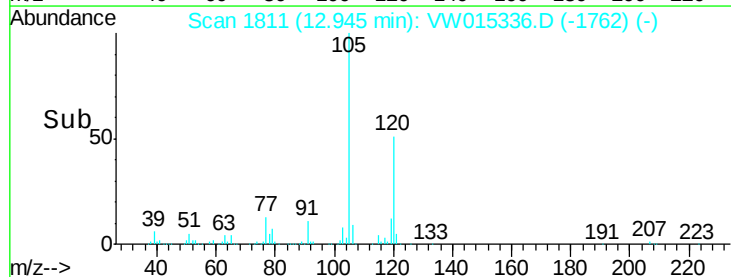
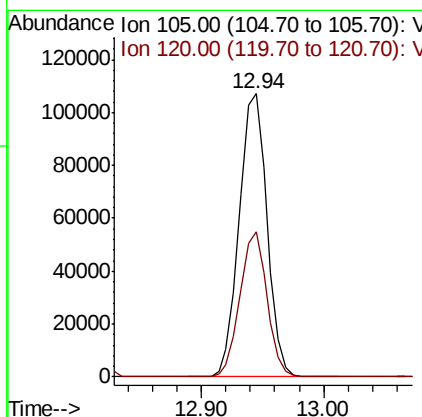
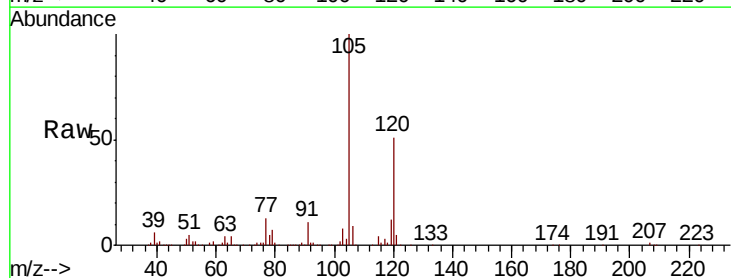
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBSD01

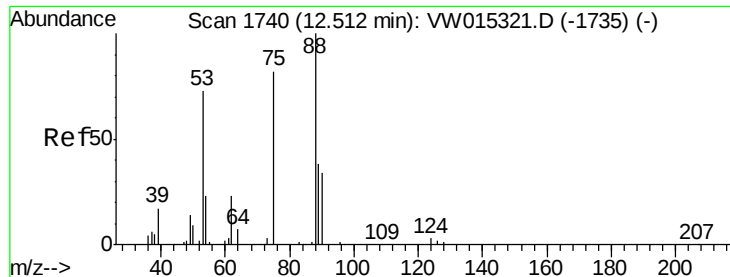
Tot Ion: 91 Resp: 127316
 Ion Ratio Lower Upper
 91 100
 126 35.9 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 19.418 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion:105 Resp: 168689
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.403 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

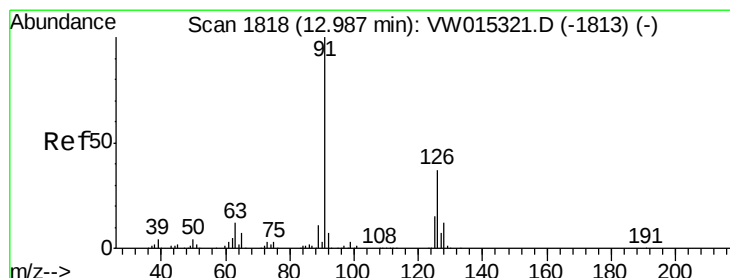
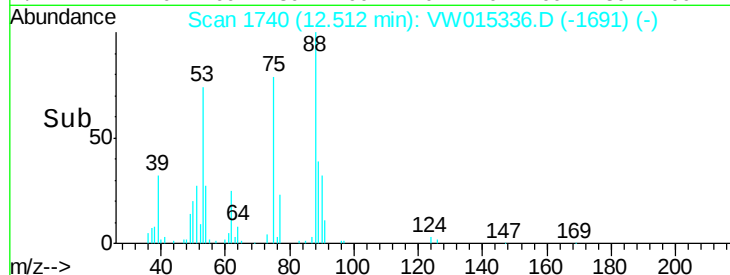
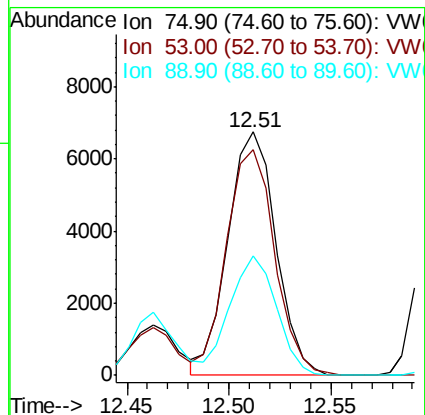
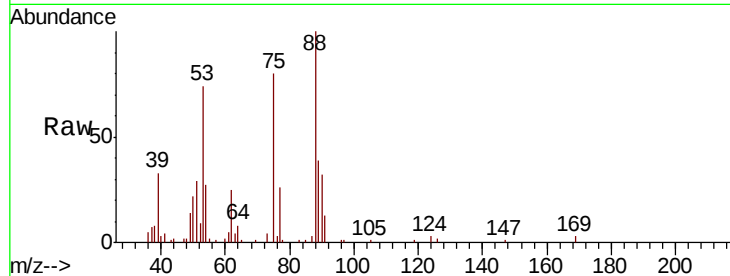
Tot Ion: 75 Resp: 11017

Ion Ratio Lower Upper

75 100

53 93.7 69.4 104.2

89 47.4 34.8 52.2



#82

4-Chlorotoluene

Concen: 19.281 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW015336.D

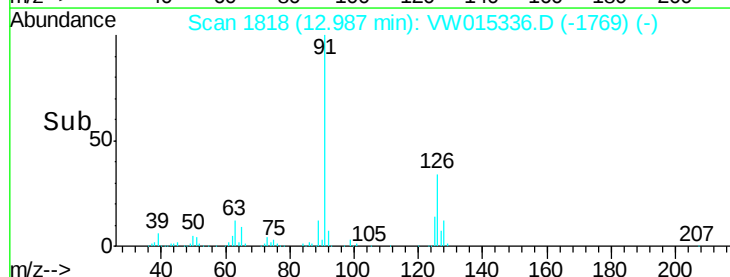
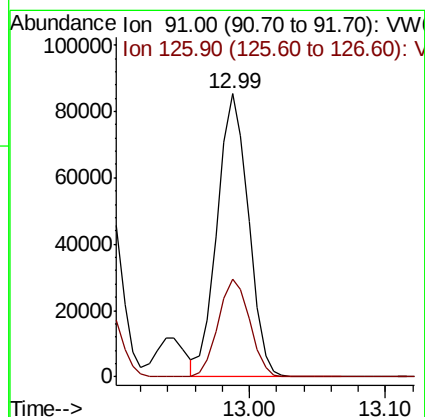
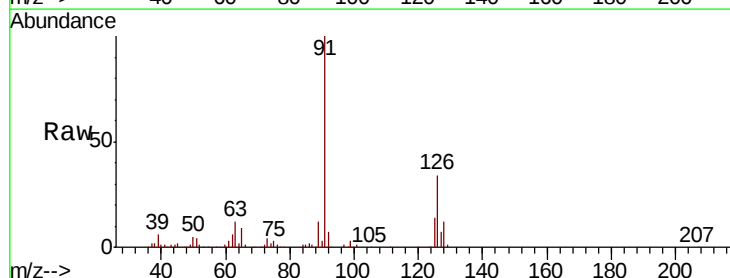
Acq: 24 Apr 2020 12:14

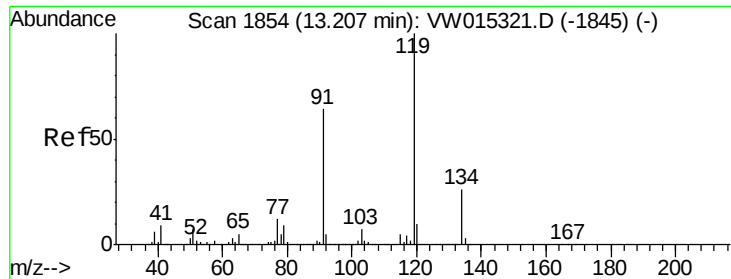
Tgt Ion: 91 Resp: 135466

Ion Ratio Lower Upper

91 100

126 35.1 16.8 50.3

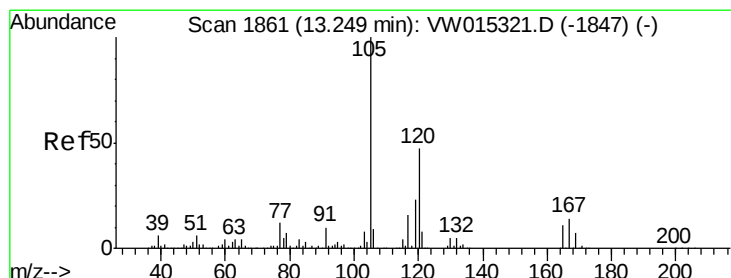
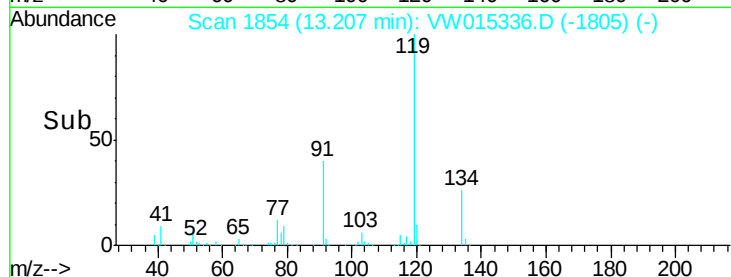
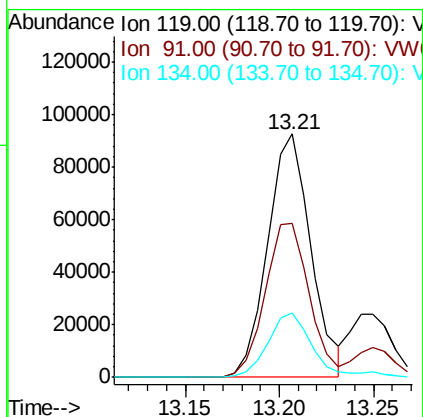
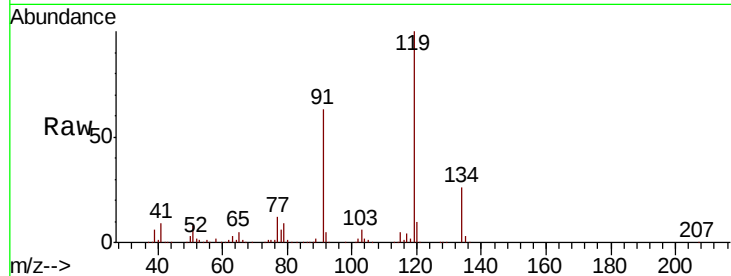




#83
tert-Butylbenzene
Concen: 19.425 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

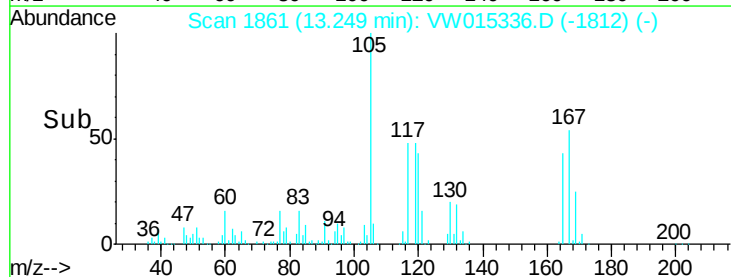
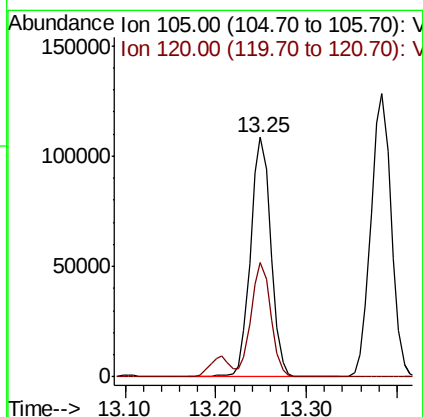
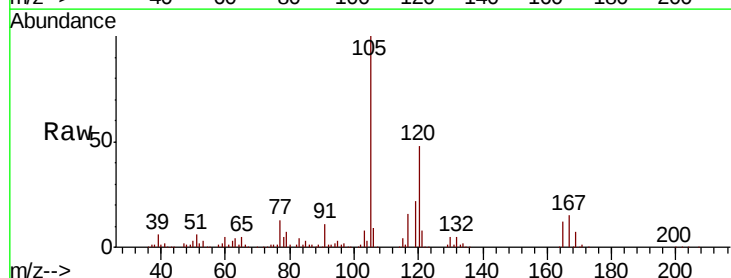
Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

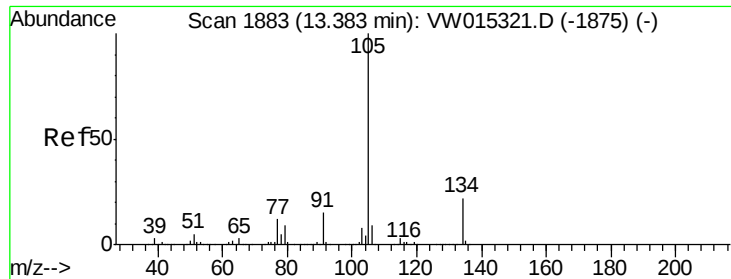
Tot Ion:119 Resp: 147492
Ion Ratio Lower Upper
119 100
91 64.6 32.8 98.3
134 27.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.707 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion:105 Resp: 168857
Ion Ratio Lower Upper
105 100
120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 19.042 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

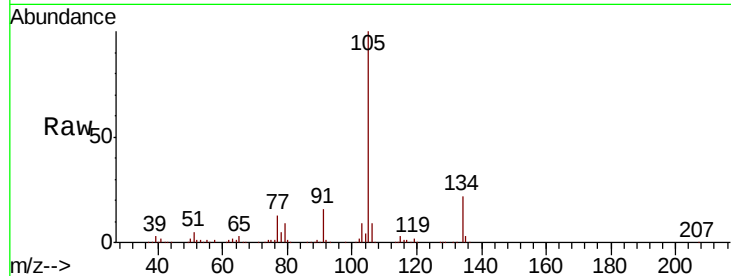
VW0424SBSD01

Tot Ion:105 Resp: 199674

Ion Ratio Lower Upper

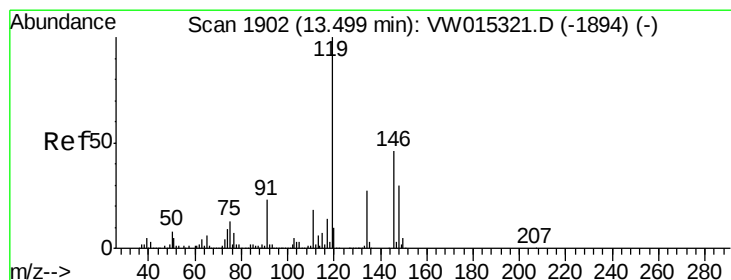
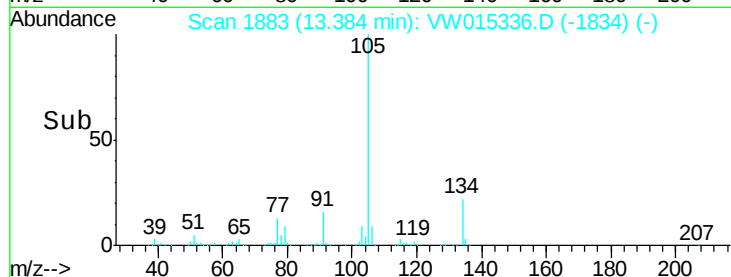
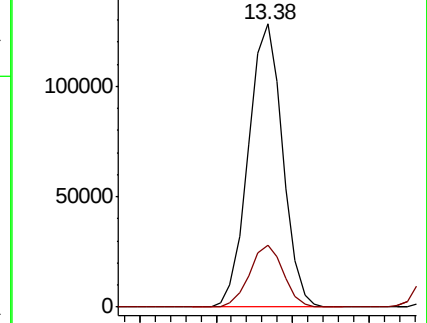
105 100

134 21.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.629 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

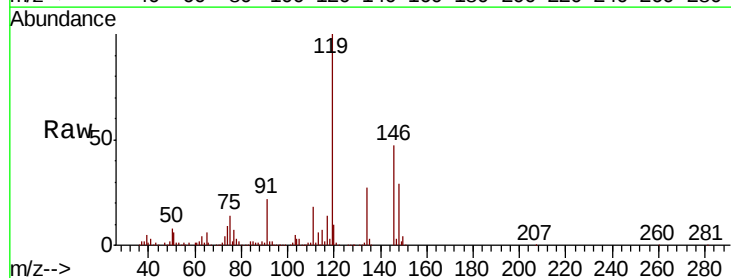
Tgt Ion:119 Resp: 191256

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.9

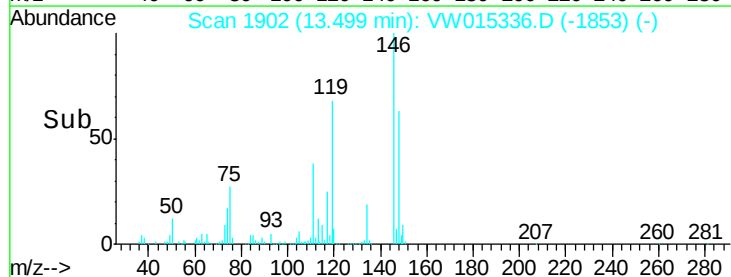
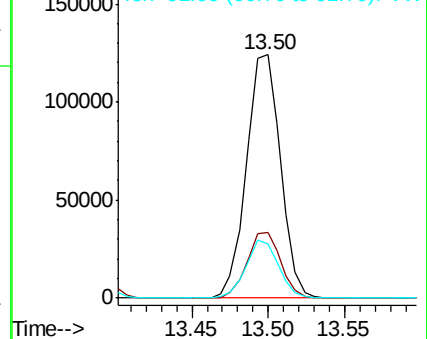
91 23.1 12.0 36.1

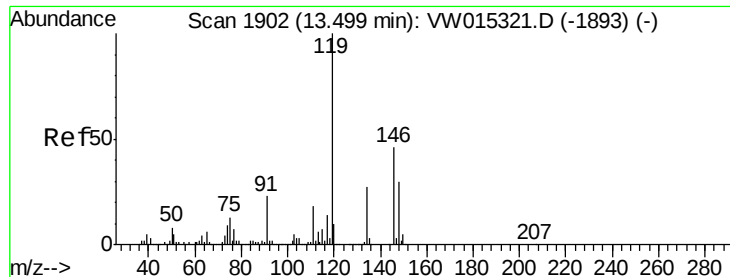


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VW





#87

1,3-Dichlorobenzene

Concen: 20.089 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

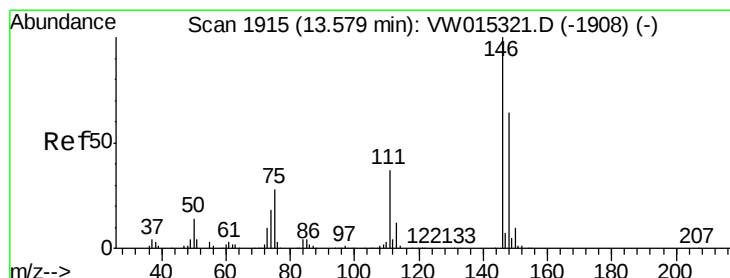
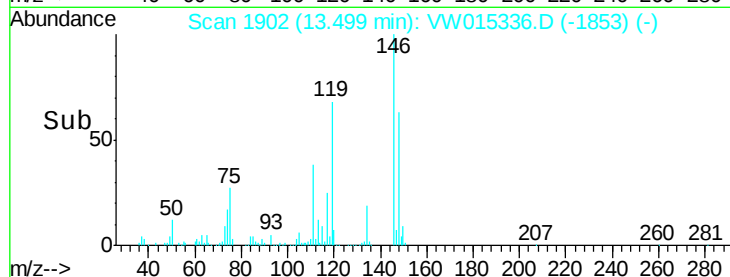
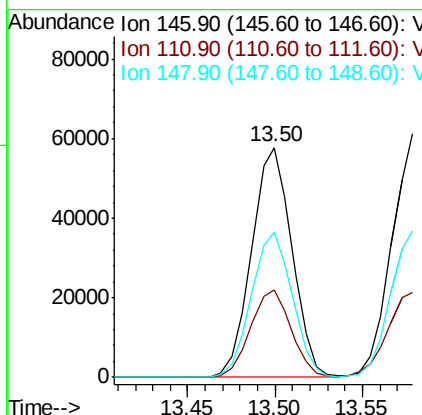
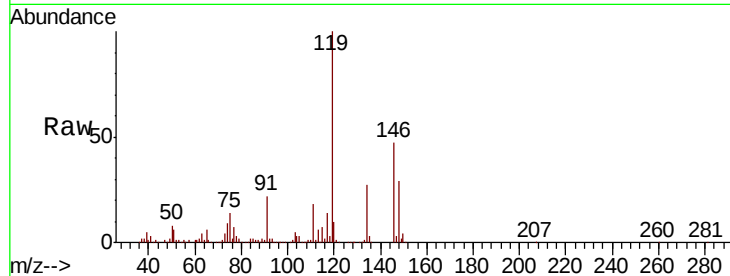
Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Tot Ion:146 Resp: 92481

Ion	Ratio	Lower	Upper
146	100		
111	38.5	21.1	63.4
148	64.1	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 20.442 ug/l

RT: 13.58 min Scan# 1915

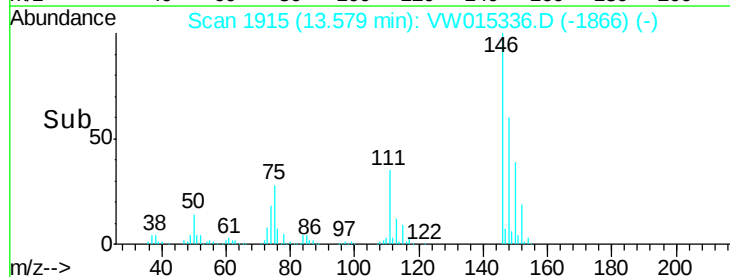
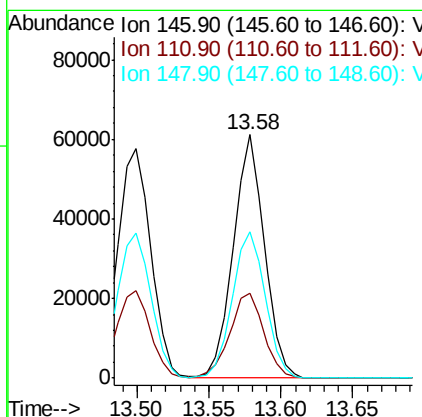
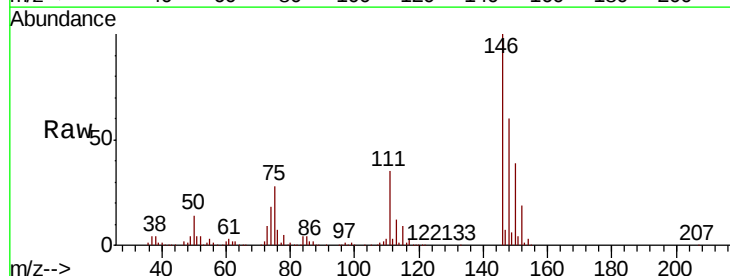
Delta R.T. 0.00 min

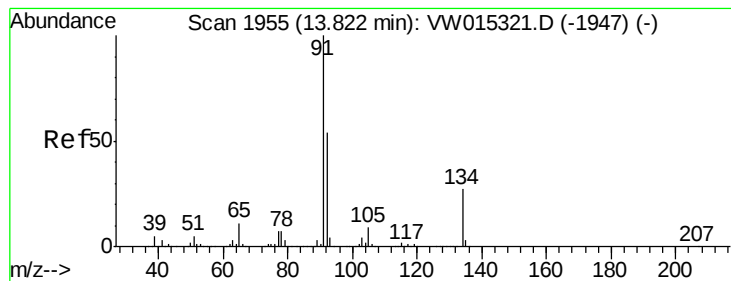
Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Tgt Ion:146 Resp: 92250

Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.4	61.3
148	63.9	31.5	94.5





#89

n-Butylbenzene

Concen: 19.443 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBSD01

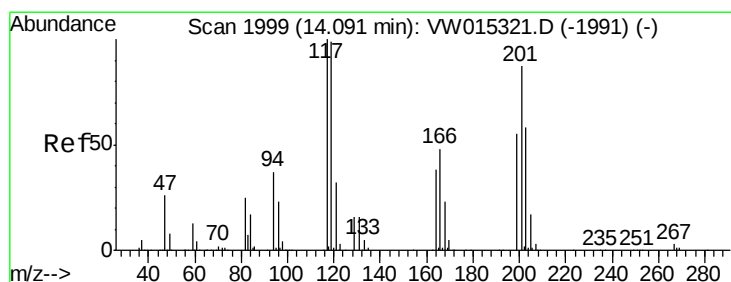
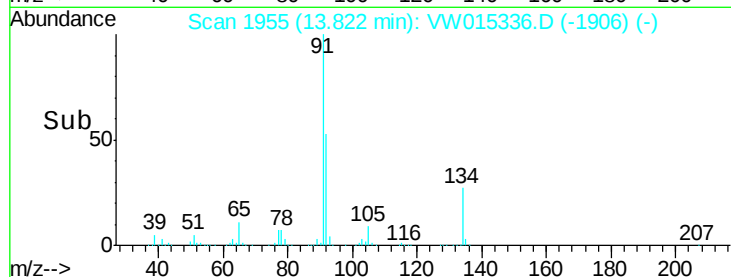
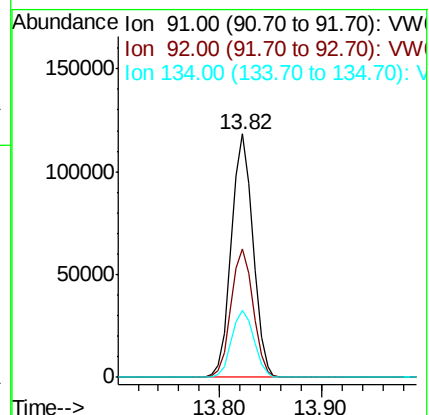
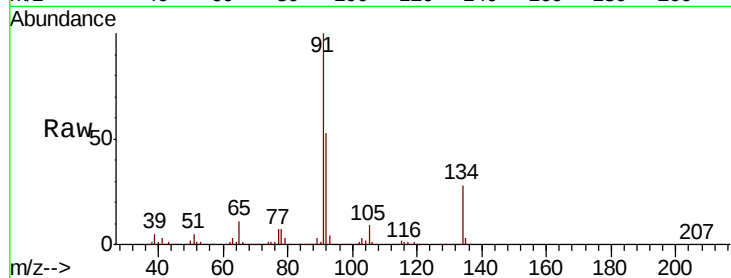
Tot Ion: 91 Resp: 173159

Ion Ratio Lower Upper

91 100

92 53.7 27.6 82.7

134 28.5 12.8 38.3



#90

Hexachloroethane

Concen: 19.091 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015336.D

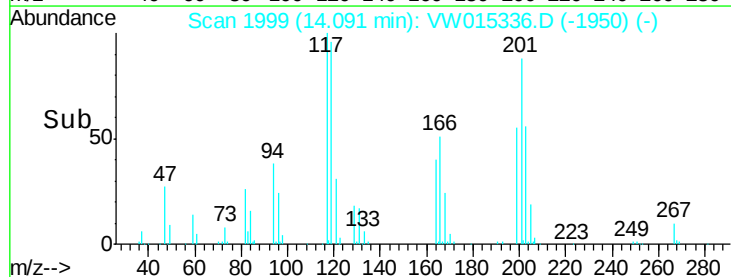
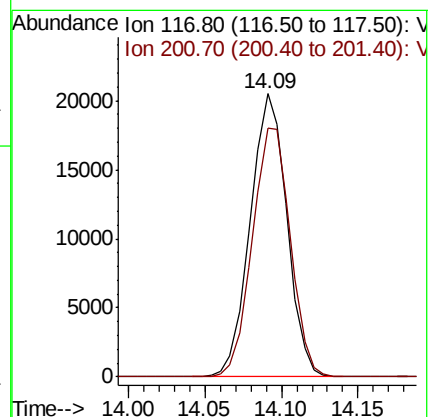
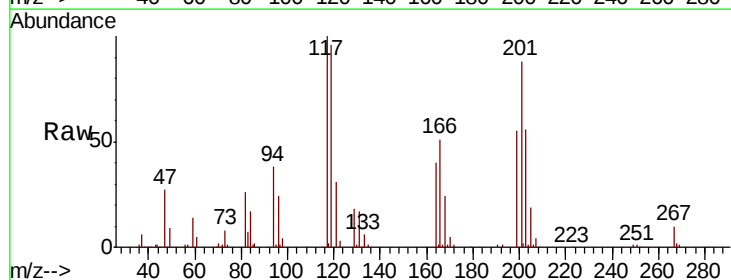
Acq: 24 Apr 2020 12:14

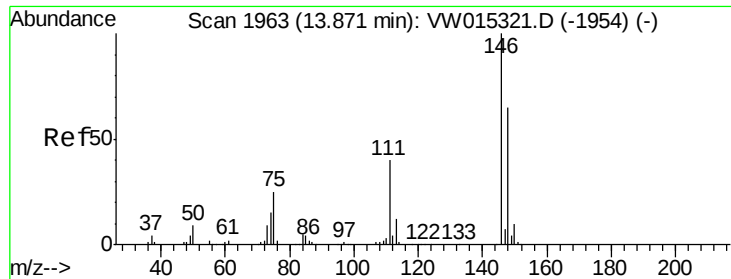
Tgt Ion: 117 Resp: 34114

Ion Ratio Lower Upper

117 100

201 91.3 33.6 100.6





#91

1,2-Dichlorobenzene

Concen: 20.611 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. -0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

Instrument :

MSVOA_W

ClientSampleId :

VW0424SBS01

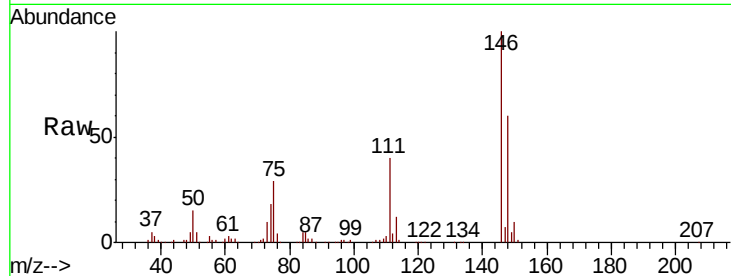
Tot Ion:146 Resp: 82451

Ion Ratio Lower Upper

146 100

111 39.9 21.6 65.0

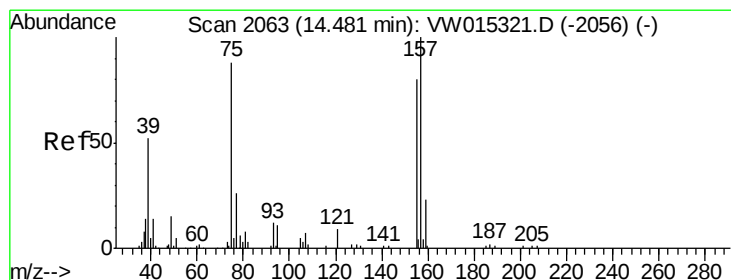
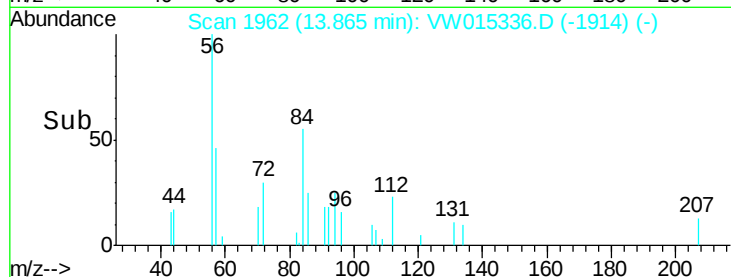
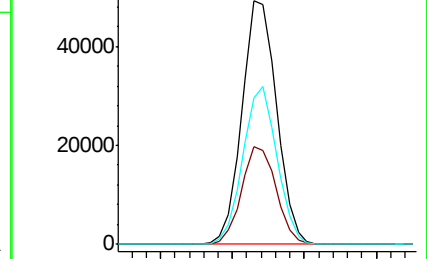
148 63.3 31.0 93.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.712 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.01 min

Lab File: VW015336.D

Acq: 24 Apr 2020 12:14

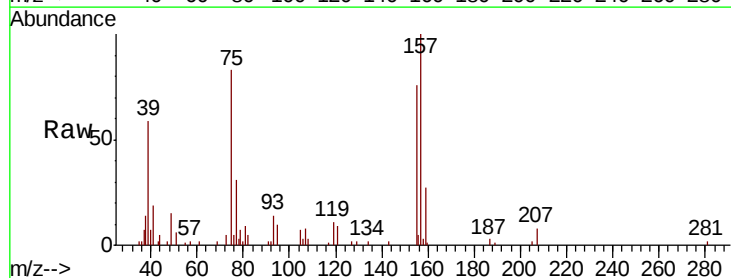
Tgt Ion: 75 Resp: 5885

Ion Ratio Lower Upper

75 100

155 95.0 41.6 124.9

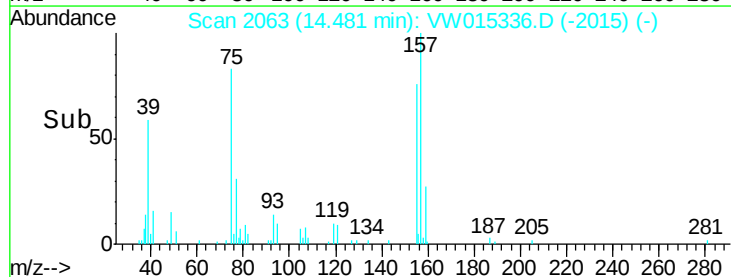
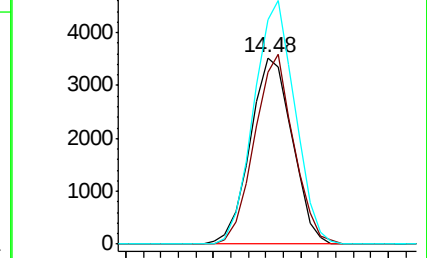
157 128.0 53.8 161.2

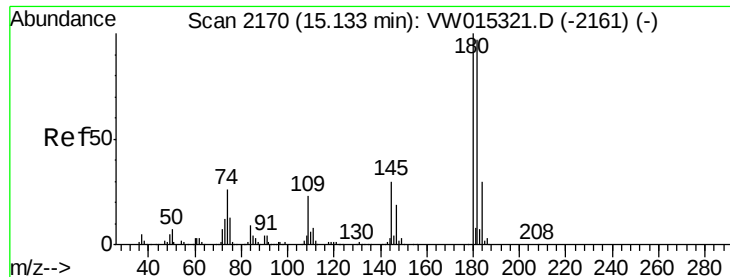


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

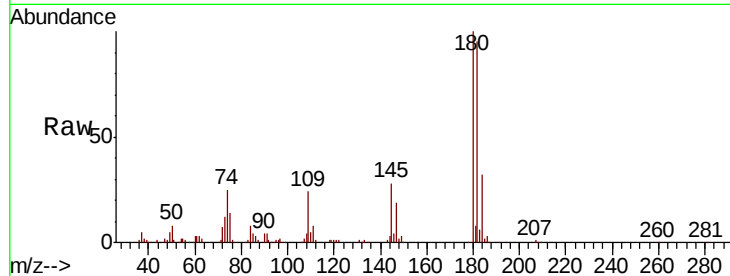




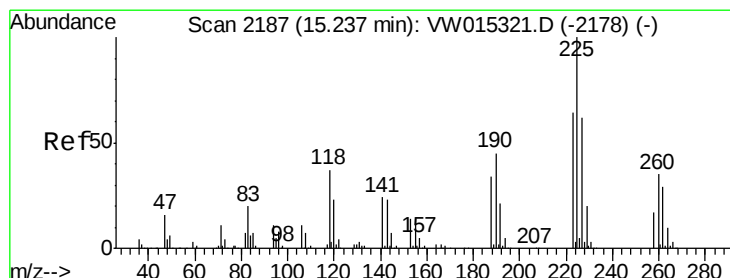
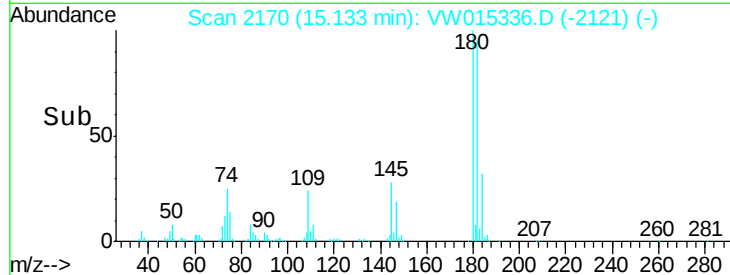
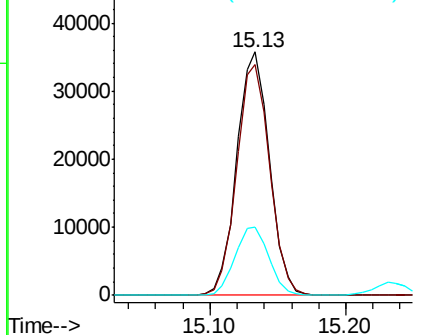
#93
 1,2,4-Trichlorobenzene
 Concen: 21.556 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0424SBSD01

Tot Ion:180 Resp: 59940
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.1 141.4
 145 29.0 16.2 48.6

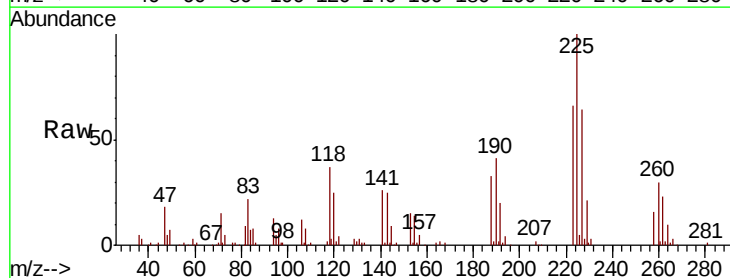


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

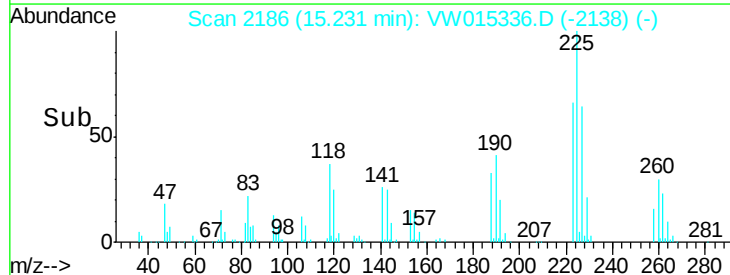
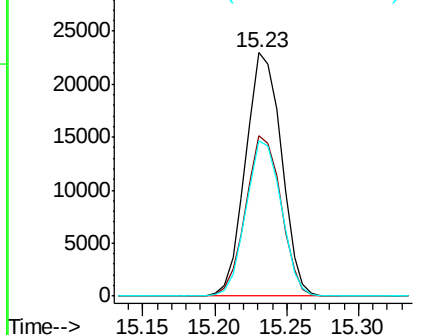


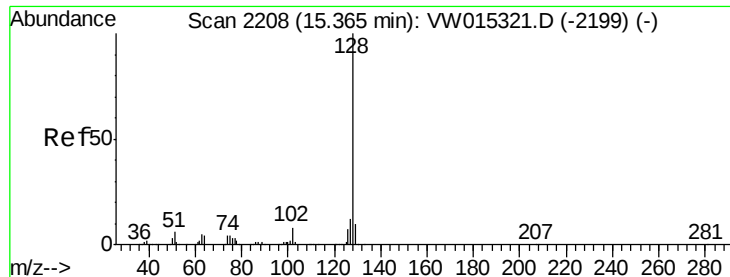
#94
 Hexachlorobutadiene
 Concen: 21.370 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015336.D
 Acq: 24 Apr 2020 12:14

Tgt Ion:225 Resp: 39616
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.0 93.0
 227 62.8 30.8 92.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

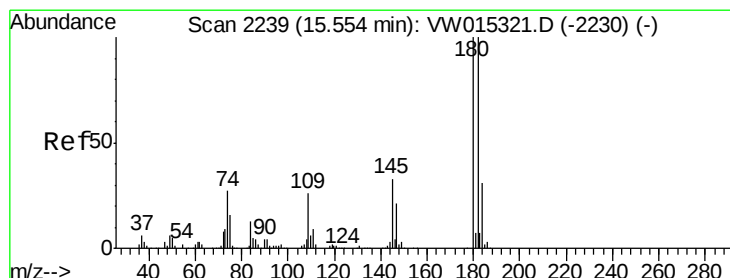
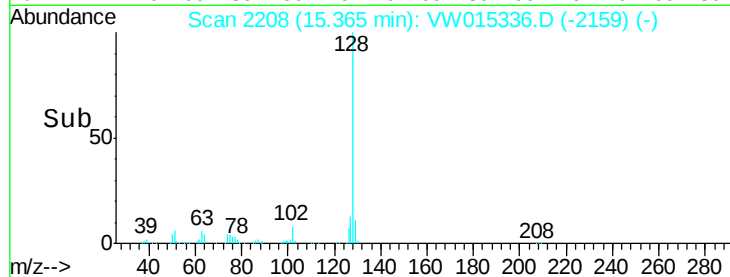
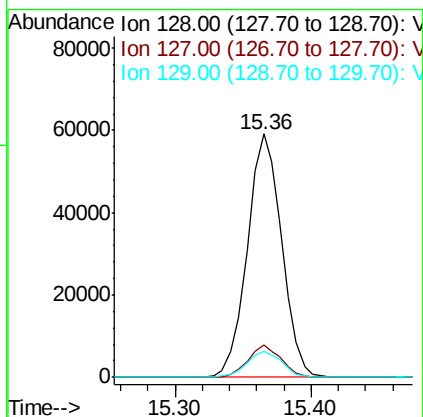
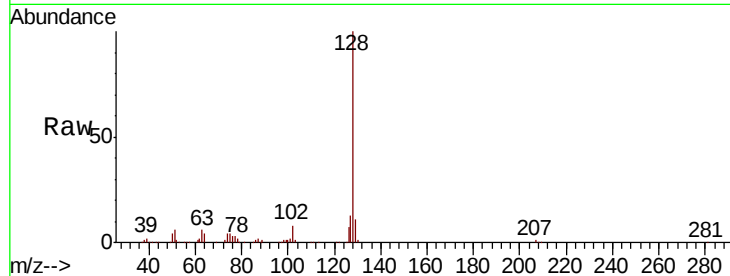




#95
Naphthalene
Concen: 23.324 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Instrument :
MSVOA_W
ClientSampleId :
VW0424SBSD01

Tot Ion:128 Resp: 104324
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 22.769 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015336.D
Acq: 24 Apr 2020 12:14

Tgt Ion:180 Resp: 51512
Ion Ratio Lower Upper
180 100
182 97.2 48.8 146.3
145 30.1 17.2 51.6

